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Cover Page

Order ID : Q1523

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

Client : ENTACT

Lab Sample Number	Client Sample Number
Q1523-01	WC-A1-01-G
Q1523-02	WC-A1-01-C
Q1523-03	WC-A1-01-C
Q1523-04	WC-A1-02-G
Q1523-05	WC-A2-02-C
Q1523-06	WC-A2-02-C
Q1523-07	WC-AI-01-C
Q1523-08	WC-AI-02-C

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

Signature : ______________________

Date: 3/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1523**

	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: KETAN PATEL **Date:** 03/17/2025

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LAB CHRONICLE

OrderID:	Q1523	**OrderDate:**	3/7/2025 10:35:00 AM
Client:	ENTACT	**Project:**	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	**Location:**	I31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1523-03	**WC-A1-01-C**	**TCLP**			**03/06/25**			**03/07/25**
			TCLP BNA	8270E		03/11/25	03/11/25	
Q1523-06	**WC-A2-02-C**	**TCLP**			**03/06/25**			**03/07/25**
			TCLP BNA	8270E		03/11/25	03/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1523

Client: ENTACT

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

Total Svoc :	**0.00**
Total Concentration:	**0.00**

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: **Q1523**

Client: **ENTACT**

Analytical Method: **8270E**

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
PB167049TB	PB167049TB	2-Fluorophenol	150	142	95		15 (10)	110 (139)
		Phenol-d6	150	135	90		15 (10)	110 (134)
		Nitrobenzene-d5	100	97.7	98		30 (49)	130 (133)
		2-Fluorobiphenyl	100	98.3	98		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	144	96		15 (44)	110 (137)
		Terphenyl-d14	100	90.8	91		30 (48)	130 (125)
PB167089BL	PB167089BL	2-Fluorophenol	150	141	94		15 (10)	110 (139)
		Phenol-d6	150	137	91		15 (10)	110 (134)
		Nitrobenzene-d5	100	98.9	99		30 (49)	130 (133)
		2-Fluorobiphenyl	100	98.0	98		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	158	105		15 (44)	110 (137)
		Terphenyl-d14	100	84.3	84		30 (48)	130 (125)
PB167089BS	PB167089BS	2-Fluorophenol	150	138	92		15 (10)	110 (139)
		Phenol-d6	150	134	89		15 (10)	110 (134)
		Nitrobenzene-d5	100	99.0	99		30 (49)	130 (133)
		2-Fluorobiphenyl	100	98.1	98		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	147	98		15 (44)	110 (137)
		Terphenyl-d14	100	96.6	97		30 (48)	130 (125)
Q1523-03	WC-A1-01-C	2-Fluorophenol	150	124	83		15 (10)	110 (139)
		Phenol-d6	150	109	72		15 (10)	110 (134)
		Nitrobenzene-d5	100	95.3	95		30 (49)	130 (133)
		2-Fluorobiphenyl	100	103	103		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	135	90		15 (44)	110 (137)
		Terphenyl-d14	100	82.4	82		30 (48)	130 (125)
Q1523-06	WC-A2-02-C	2-Fluorophenol	150	130	87		15 (10)	110 (139)
		Phenol-d6	150	117	78		15 (10)	110 (134)
		Nitrobenzene-d5	100	110	110		30 (49)	130 (133)
		2-Fluorobiphenyl	100	94.2	94		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	159	106		15 (44)	110 (137)
		Terphenyl-d14	100	97.9	98		30 (48)	130 (125)
Q1523-06MS	WC-A2-02-CMS	2-Fluorophenol	150	137	91		15 (10)	110 (139)
		Phenol-d6	150	124	83		15 (10)	110 (134)
		Nitrobenzene-d5	100	110	110		30 (49)	130 (133)
		2-Fluorobiphenyl	100	97.5	98		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	164	109		15 (44)	110 (137)
		Terphenyl-d14	100	99.5	99		30 (48)	130 (125)
Q1523-06MSD	WC-A2-02-CMSD	2-Fluorophenol	150	140	94		15 (10)	110 (139)
		Phenol-d6	150	129	86		15 (10)	110 (134)
		Nitrobenzene-d5	100	111	111		30 (49)	130 (133)
		2-Fluorobiphenyl	100	102	102		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	173	115	*	15 (44)	110 (137)
		Terphenyl-d14	100	106	106		30 (48)	130 (125)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1523

Client: ENTACT

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1523-06MS		**Client Sample ID: WC-A2-02-CMS**						**DataFile: BG064101.D**			
Pyridine	500	0	280	ug/Kg	56				20 (10)	160 (109)	
1,4-Dichlorobenzene	500	0	400	ug/Kg	80				70 (55)	130 (125)	
2-Methylphenol	500	0	450	ug/Kg	90				70 (60)	130 (131)	
3+4-Methylphenols	500	0	440	ug/Kg	88				20 (54)	160 (136)	
Hexachloroethane	500	0	440	ug/Kg	88				20 (19)	160 (146)	
Nitrobenzene	500	0	460	ug/Kg	92				70 (62)	130 (112)	
Hexachlorobutadiene	500	0	440	ug/Kg	88				70 (52)	130 (125)	
2,4,6-Trichlorophenol	500	0	520	ug/Kg	104				70 (78)	130 (112)	
2,4,5-Trichlorophenol	500	0	520	ug/Kg	104				70 (71)	130 (111)	
2,4-Dinitrotoluene	500	0	480	ug/Kg	96				70 (74)	130 (137)	
Hexachlorobenzene	500	0	470	ug/Kg	94				70 (72)	130 (115)	
Pentachlorophenol	1000	0	1000	ug/Kg	100				20 (52)	160 (162)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1523

Client: ENTACT

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1523-06MSD		**Client Sample ID: WC-A2-02-CMSD**						**DataFile: BG064102.D**			
Pyridine	500	0	290	ug/Kg	58		4		20 (10)	160 (109)	20 (20)
1,4-Dichlorobenzene	500	0	410	ug/Kg	82		2		70 (55)	130 (125)	20 (20)
2-Methylphenol	500	0	460	ug/Kg	92		2		70 (60)	130 (131)	20 (20)
3+4-Methylphenols	500	0	460	ug/Kg	92		4		20 (54)	160 (136)	20 (20)
Hexachloroethane	500	0	470	ug/Kg	94		7		20 (19)	160 (146)	20 (20)
Nitrobenzene	500	0	490	ug/Kg	98		6		70 (62)	130 (112)	20 (20)
Hexachlorobutadiene	500	0	450	ug/Kg	90		2		70 (52)	130 (125)	20 (20)
2,4,6-Trichlorophenol	500	0	540	ug/Kg	108		4		70 (78)	130 (112)	20 (20)
2,4,5-Trichlorophenol	500	0	540	ug/Kg	108		4		70 (71)	130 (111)	20 (20)
2,4-Dinitrotoluene	500	0	500	ug/Kg	100		4		70 (74)	130 (137)	20 (20)
Hexachlorobenzene	500	0	490	ug/Kg	98		4		70 (72)	130 (115)	20 (20)
Pentachlorophenol	1000	0	1100	ug/Kg	110		10		20 (52)	160 (162)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1523

Client: ENTACT

Analytical Method: 8270E **DataFile:** BF141933.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167089BS	Pyridine	50	41.1	ug/Kg	82				20 (29)	160 (97)	
	1,4-Dichlorobenzene	50	45.6	ug/Kg	91				70 (76)	130 (103)	
	2-Methylphenol	50	45.8	ug/Kg	92				70 (69)	130 (109)	
	3+4-Methylphenols	50	45.0	ug/Kg	90				20 (67)	160 (106)	
	Hexachloroethane	50	45.4	ug/Kg	91				20 (76)	160 (118)	
	Nitrobenzene	50	46.1	ug/Kg	92				70 (58)	130 (106)	
	Hexachlorobutadiene	50	46.4	ug/Kg	93				70 (69)	130 (101)	
	2,4,6-Trichlorophenol	50	45.5	ug/Kg	91				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	45.6	ug/Kg	91				70 (70)	130 (106)	
	2,4-Dinitrotoluene	50	48.3	ug/Kg	97				70 (60)	130 (115)	
	Hexachlorobenzene	50	47.3	ug/Kg	95				70 (73)	130 (106)	
	Pentachlorophenol	100	97.3	ug/Kg	97				20 (47)	160 (114)	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167089BL

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523 SDG NO.: Q1523

Lab File ID: BF141932.D Lab Sample ID: PB167089BL

Instrument ID: BNA_F Date Extracted: 03/11/2025

Matrix: (soil/water) water Date Analyzed: 03/12/2025

Level: (low/med) LOW Time Analyzed: 10:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167089BS	PB167089BS	BF141933.D	03/12/2025
WC-A2-02-C	Q1523-06	BG064100.D	03/11/2025
WC-A2-02-CMS	Q1523-06MS	BG064101.D	03/11/2025
WC-A2-02-CMSD	Q1523-06MSD	BG064102.D	03/11/2025
WC-A1-01-C	Q1523-03	BF141923.D	03/11/2025
PB167049TB	PB167049TB	BF141934.D	03/12/2025

COMMENTS:

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5B
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH   Contract: ENTA05

Lab Code: CHEM   SAS No.: Q1523   SDG NO.: Q1523

Lab File ID: BF141896.D   DFTPP Injection Date: 03/10/2025

Instrument ID: BNA_F   DFTPP Injection Time: 10:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.7
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	25
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	35
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	24.4
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (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	BF141897.D	03/10/2025	11:01
SSTDICC005	SSTDICC005	BF141898.D	03/10/2025	11:30
SSTDICC010	SSTDICC010	BF141899.D	03/10/2025	12:00
SSTDICC020	SSTDICC020	BF141900.D	03/10/2025	12:29
SSTDICCC040	SSTDICCC040	BF141901.D	03/10/2025	12:58
SSTDICC060	SSTDICC060	BF141903.D	03/10/2025	13:57
SSTDICC080	SSTDICC080	BF141904.D	03/10/2025	14:27
SSTDICC050	SSTDICC050	BF141905.D	03/10/2025	15:20

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH　　Contract: ENTA05

Lab Code: CHEM　　SAS No.: Q1523　　SDG NO.: Q1523

Lab File ID: BF141909.D　　DFTPP Injection Date: 03/11/2025

Instrument ID: BNA_F　　DFTPP Injection Time: 10:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.5
68	Less than 2.0% of mass 69	0.5 (2) 1
69	Mass 69 relative abundance	23.4
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	33.9
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	5.1
275	10.0 - 60.0% of mass 198	23.9
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 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	BF141910.D	03/11/2025	11:51
WC-A1-01-C	Q1523-03	BF141923.D	03/11/2025	18:42

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH   Contract: ENTA05

Lab Code: CHEM   SAS No.: Q1523   SDG NO.: Q1523

Lab File ID: BF141930.D   DFTPP Injection Date: 03/12/2025

Instrument ID: BNA_F   DFTPP Injection Time: 09:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.5
68	Less than 2.0% of mass 69	0.5 (2) 1
69	Mass 69 relative abundance	24.8
70	Less than 2.0% of mass 69	0.2 (0.8) 1
127	10.0 - 80.0% of mass 198	35.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	24.7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.3
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	BF141931.D	03/12/2025	10:08
PB167089BL	PB167089BL	BF141932.D	03/12/2025	10:37
PB167089BS	PB167089BS	BF141933.D	03/12/2025	11:06
PB167049TB	PB167049TB	BF141934.D	03/12/2025	11:36

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5B
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH   Contract: ENTA05

Lab Code: CHEM   SAS No.: Q1523   SDG NO.: Q1523

Lab File ID: BG064044.D   DFTPP Injection Date: 03/05/2025

Instrument ID: BNA_G   DFTPP Injection Time: 08:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	55.3
68	Less than 2.0% of mass 69	0.4 (1.1) 1
69	Mass 69 relative abundance	38
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	13.7
442	Greater than 50% of mass 198	85.4
443	15.0 - 24.0% of mass 442	17.2 (20.2) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064045.D	03/05/2025	09:02
SSTDICC005	SSTDICC005	BG064046.D	03/05/2025	09:42
SSTDICC010	SSTDICC010	BG064047.D	03/05/2025	10:22
SSTDICC020	SSTDICC020	BG064048.D	03/05/2025	11:03
SSTDICCC040	SSTDICCC040	BG064049.D	03/05/2025	11:43
SSTDICC050	SSTDICC050	BG064050.D	03/05/2025	12:23
SSTDICC060	SSTDICC060	BG064051.D	03/05/2025	13:04
SSTDICC080	SSTDICC080	BG064052.D	03/05/2025	13:44

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5B
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q1523 SDG NO.: Q1523

Lab File ID: BG064087.D DFTPP Injection Date: 03/11/2025

Instrument ID: BNA_G DFTPP Injection Time: 07:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	55.6
68	Less than 2.0% of mass 69	0.1 (0.3) 1
69	Mass 69 relative abundance	37.2
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	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	28.4
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	93.6
443	15.0 - 24.0% of mass 442	18.3 (19.5) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064088.D	03/11/2025	09:44
WC-A2-02-C	Q1523-06	BG064100.D	03/11/2025	17:59
WC-A2-02-CMS	Q1523-06MS	BG064101.D	03/11/2025	18:39
WC-A2-02-CMSD	Q1523-06MSD	BG064102.D	03/11/2025	19:20

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523 SDG NO.: Q1523

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/11/2025

Lab File ID: BF141910.D Time Analyzed: 11:51

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	212930	6.881	840081	8.16	479107	9.92
	UPPER LIMIT	425860	7.381	1680160	8.663	958214	10.416
	LOWER LIMIT	106465	6.381	420041	7.663	239554	9.416
	EPA SAMPLE NO.						
01	WC-A1-01-C	132841	6.88	498756	8.16	254340	9.91

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523 SDG NO.: Q1523

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/11/2025

Lab File ID: BF141910.D Time Analyzed: 11:51

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	819898	11.404	519479	14.039	442953	15.509
	UPPER LIMIT	1639800	11.904	1038960	14.539	885906	16.009
	LOWER LIMIT	409949	10.904	259740	13.539	221477	15.009
	EPA SAMPLE NO.						
01	WC-A1-01-C	415187	11.40	364222	14.03	275509	15.50

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523 SDG NO.: Q1523

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/12/2025

Lab File ID: BF141931.D Time Analyzed: 10:08

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	164449	6.881	621435	8.16	348146	9.92
	UPPER LIMIT	328898	7.381	1242870	8.663	696292	10.416
	LOWER LIMIT	82224.5	6.381	310718	7.663	174073	9.416
	EPA SAMPLE NO.						
01	PB167089BL	153751	6.88	614272	8.16	340780	9.92
02	PB167089BS	148185	6.88	574643	8.16	321155	9.92
03	PB167049TB	142295	6.88	563532	8.16	313655	9.92

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523 SDG NO.: Q1523

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/12/2025

Lab File ID: BF141931.D Time Analyzed: 10:08

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	605778	11.404	481594	14.039	422923	15.51
	UPPER LIMIT	1211560	11.904	963188	14.539	845846	16.01
	LOWER LIMIT	302889	10.904	240797	13.539	211462	15.01
	EPA SAMPLE NO.						
01	PB167089BL	627258	11.40	568132	14.04	475542	15.51
02	PB167089BS	536443	11.40	372000	14.04	338585	15.51
03	PB167049TB	544655	11.40	397000	14.03	371048	15.51

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523 SDG NO.: Q1523

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/11/2025

Lab File ID: BG064088.D Time Analyzed: 09:44

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	35748	7.866	157879	10.65	108450	14.49
	UPPER LIMIT	71496	8.366	315758	11.151	216900	14.988
	LOWER LIMIT	17874	7.366	78939.5	10.151	54225	13.988
	EPA SAMPLE NO.						
01	WC-A2-02-C	37349	7.87	156052	10.65	103773	14.49
02	WC-A2-02-CMS	36056	7.86	156544	10.66	103028	14.49
03	WC-A2-02-CMSD	35821	7.87	155055	10.65	100787	14.49

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523 SDG NO.: Q1523

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/11/2025

Lab File ID: BG064088.D Time Analyzed: 09:44

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	231599	17.226	235698	21.462	254547	24.476
	UPPER LIMIT	463198	17.726	471396	21.962	509094	24.976
	LOWER LIMIT	115800	16.726	117849	20.962	127274	23.976
	EPA SAMPLE NO.						
01	WC-A2-02-C	216840	17.22	225564	21.46	244851	24.47
02	WC-A2-02-CMS	221547	17.23	226093	21.46	249708	24.47
03	WC-A2-02-CMSD	218138	17.23	221959	21.46	243592	24.48

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

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

Column used to flag values outside QC limits with an asterisk.
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SAMPLE DATA

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Report of Analysis

Client:	ENTACT	Date Collected:	03/11/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/11/25
Client Sample ID:	PB167049TB	SDG No.:	Q1523
Lab Sample ID:	PB167049TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141934.D	1	03/11/25 11:15	03/12/25 11:36	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/Kg
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/Kg
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/Kg
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/Kg
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/Kg
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/Kg
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/Kg
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/Kg
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/Kg
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	142		15 (10) - 110 (139)	95%	SPK: 150
13127-88-3	Phenol-d6	135		15 (10) - 110 (134)	90%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.7		30 (49) - 130 (133)	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.3		30 (52) - 130 (132)	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		15 (44) - 110 (137)	96%	SPK: 150
1718-51-0	Terphenyl-d14	90.8		30 (48) - 130 (125)	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	142000	6.881			
1146-65-2	Naphthalene-d8	564000	8.157			
15067-26-2	Acenaphthene-d10	314000	9.916			
1517-22-2	Phenanthrene-d10	545000	11.398			
1719-03-5	Chrysene-d12	397000	14.033			
1520-96-3	Perylene-d12	371000	15.51			

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Report of Analysis

Client:	ENTACT			Date Collected:	03/11/25		
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	03/11/25		
Client Sample ID:	PB167049TB			SDG No.:	Q1523		
Lab Sample ID:	PB167049TB			Matrix:	TCLP		
Analytical Method:	SW8270			% Solid:	0		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000		uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA		
Extraction Type :		Decanted :	N	Level :	LOW		
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N	PH :	
Prep Method :	SW3541						

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141934.D	1	03/11/25 11:15	03/12/25 11:36	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BF141934.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141934.D
Acq On : 12 Mar 2025 11:36
Operator : RC/JU
Sample : PB167049TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167049TB

Quant Time: Mar 12 14:25:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	142295	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	563532	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	313655	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	544655	20.000	ng	0.00
76) Chrysene-d12	14.033	240	397000	20.000	ng	0.00
86) Perylene-d12	15.510	264	371048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1211368	142.080	ng	0.01
7) Phenol-d6	6.498	99	1464894	134.946	ng	0.00
23) Nitrobenzene-d5	7.439	82	977884	97.654	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	573413	144.105	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2026881	98.277	ng	0.00
79) Terphenyl-d14	12.986	244	2438762	90.821	ng	0.00

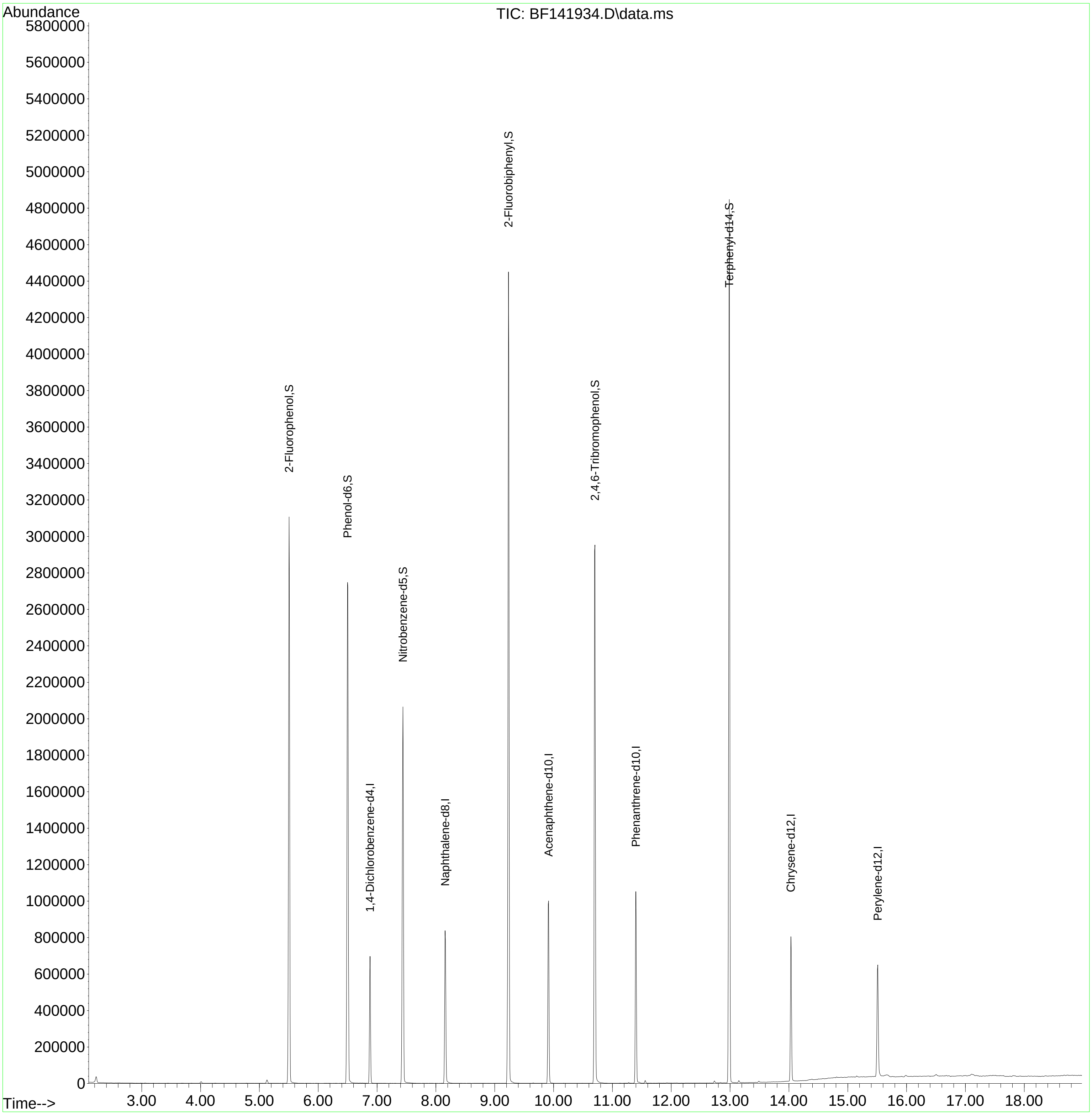
Target Compounds Qvalue

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

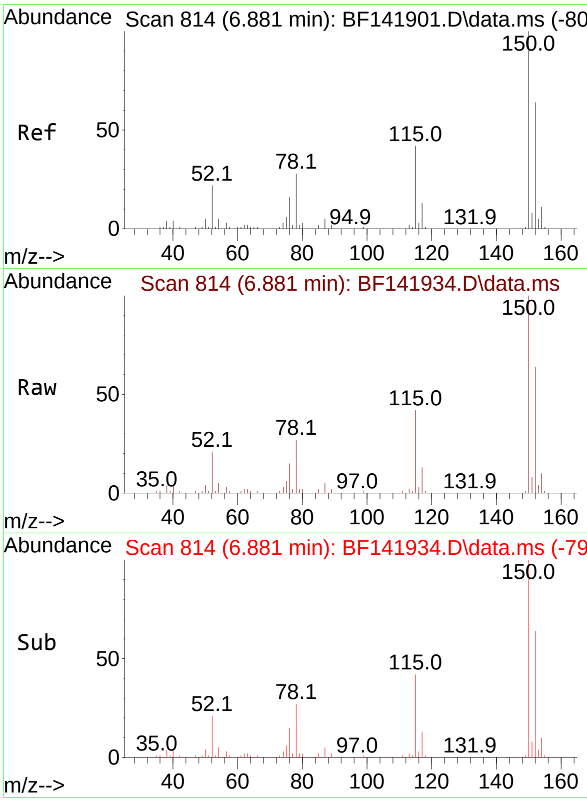
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141934.D
Acq On : 12 Mar 2025 11:36
Operator : RC/JU
Sample : PB167049TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167049TB

Quant Time: Mar 12 14:25:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



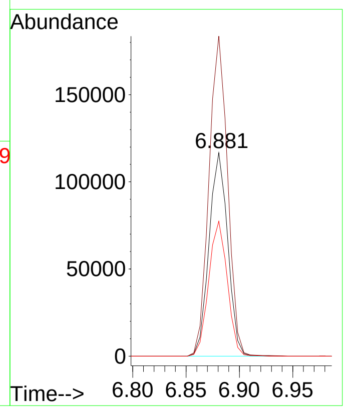
Instrument : BNA_F
ClientSampleId : PB167049TB

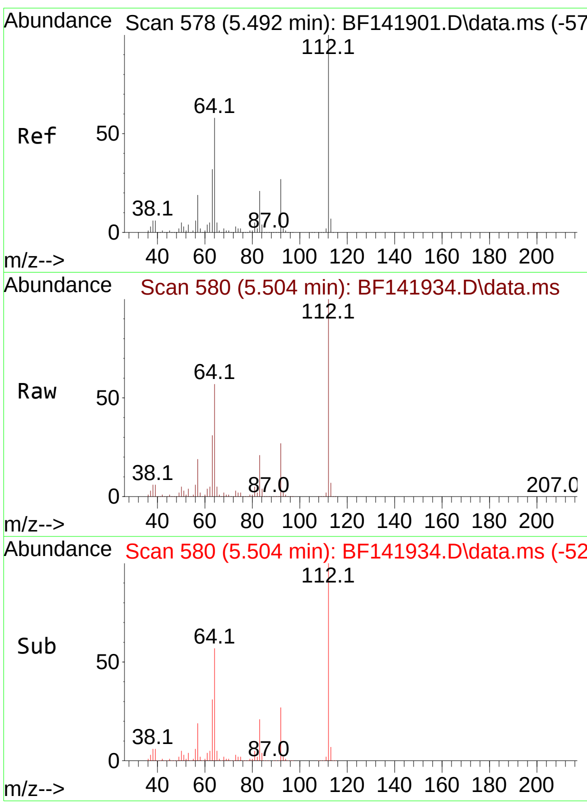


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:152 Resp: 142295

Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.4	191.2
115	66.3	51.9	77.9

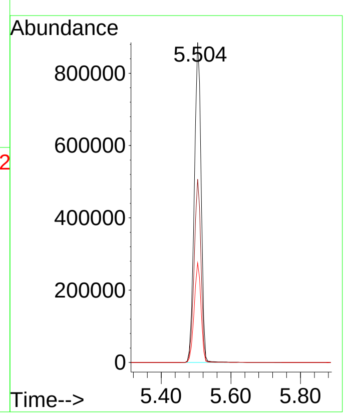




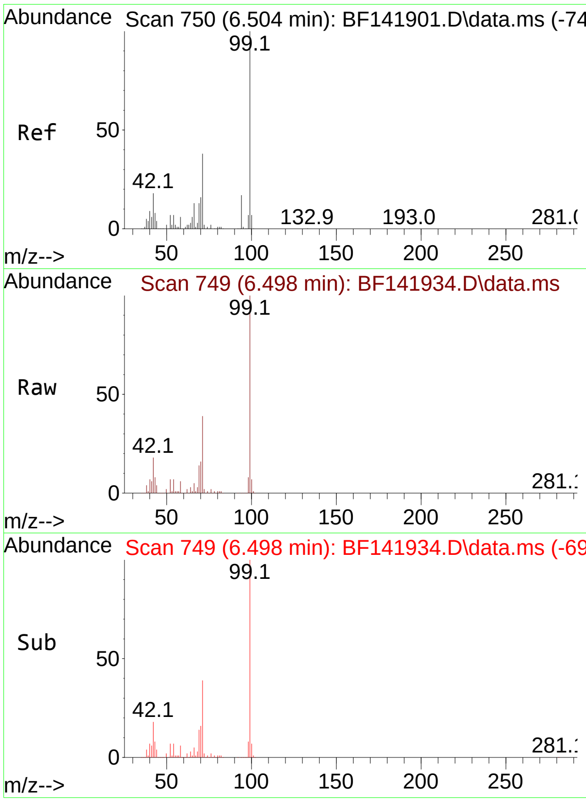
#5
2-Fluorophenol
Concen: 142.080 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:112 Resp: 1211368

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.5	69.7
63	31.1	25.4	38.2



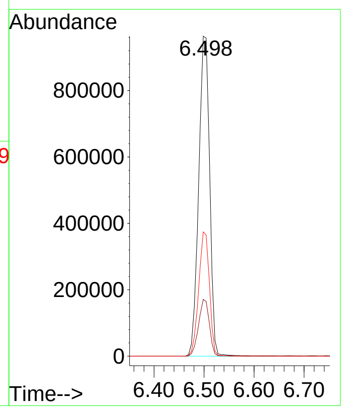
Instrument :
BNA_F
ClientSampleId :
PB167049TB

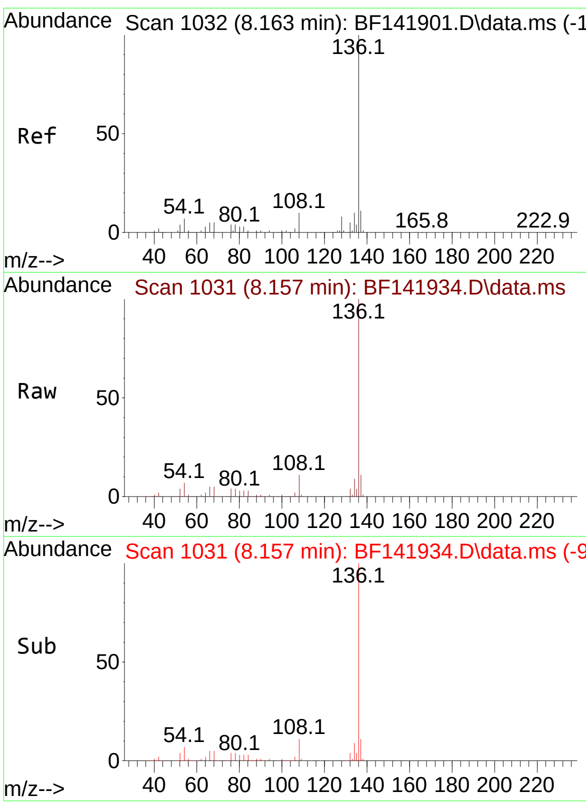


#7
Phenol-d6
Concen: 134.946 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion: 99 Resp: 1464894

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.6	21.8
71	38.8	30.8	46.2

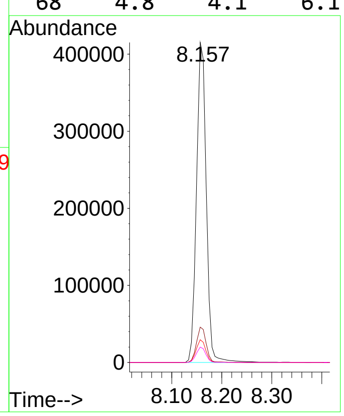




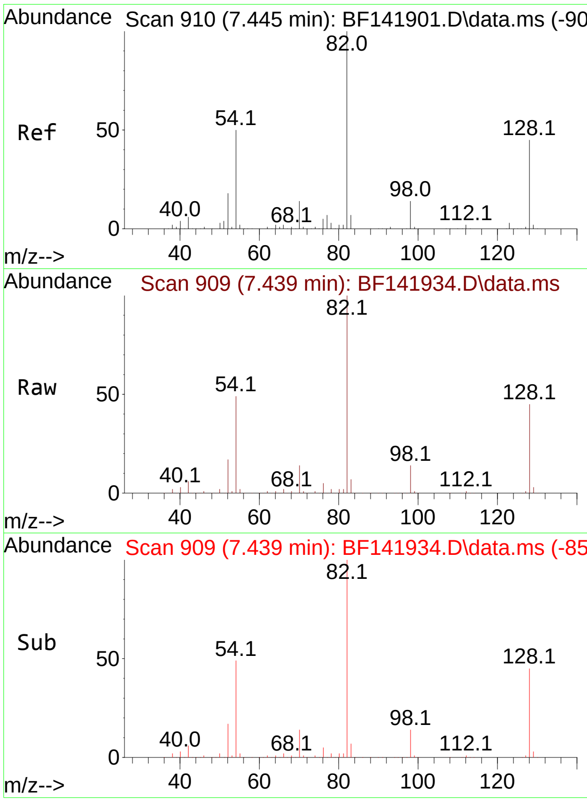
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:136 Resp: 563532

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.1	5.8	8.8
68	4.8	4.1	6.1



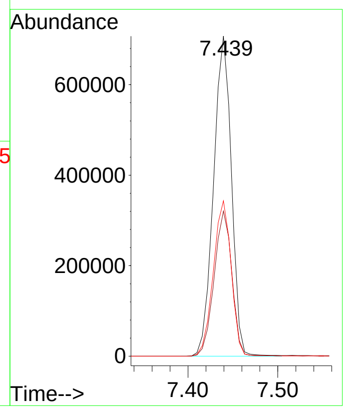
Instrument :
BNA_F
ClientSampleId :
PB167049TB

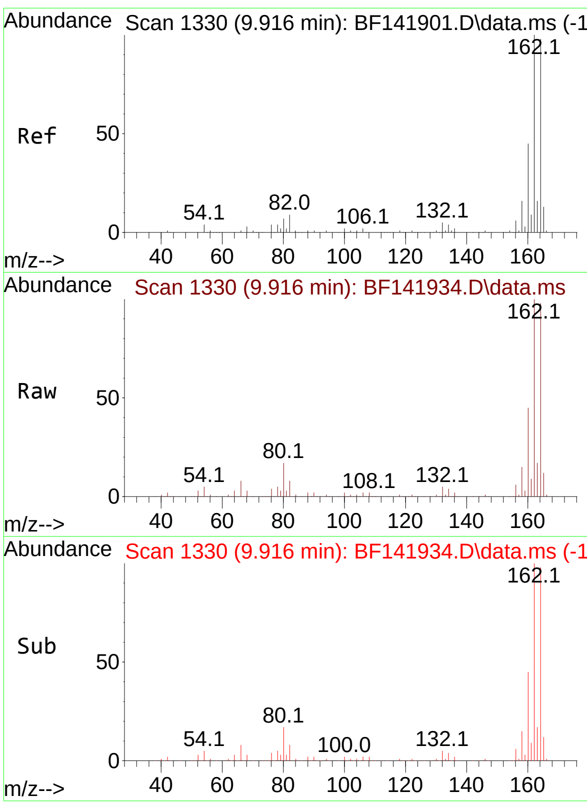


#23
Nitrobenzene-d5
Concen: 97.654 ng
RT: 7.439 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion: 82 Resp: 977884

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.0	54.0
54	48.5	39.6	59.4

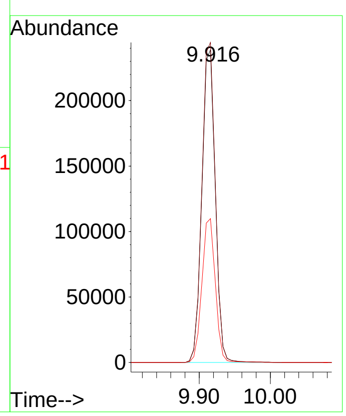




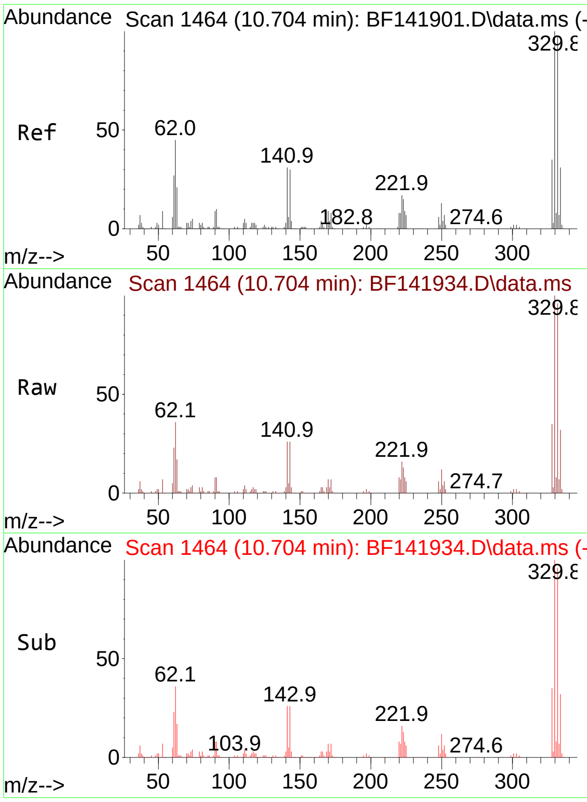
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:164 Resp: 313655

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.8	122.6
160	46.0	36.7	55.1



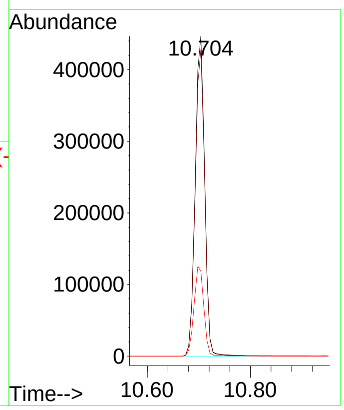
Instrument : BNA_F
ClientSampleId : PB167049TB

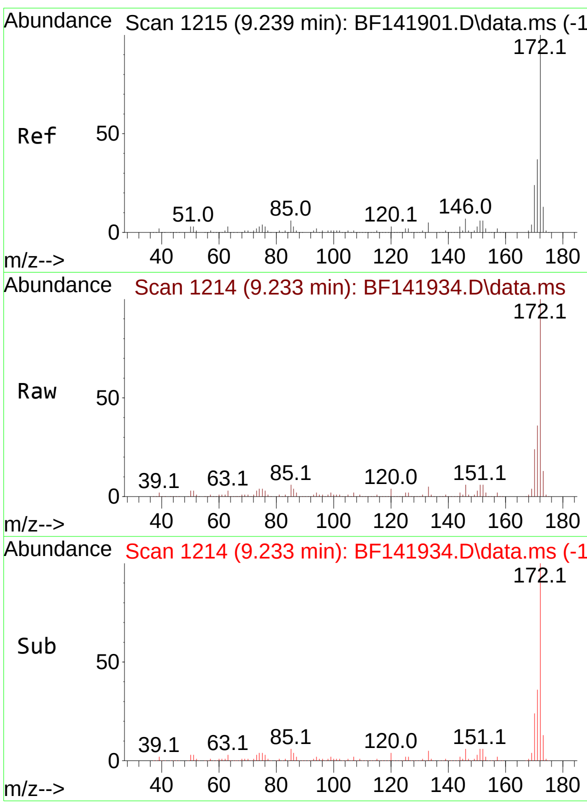


#42
2,4,6-Tribromophenol
Concen: 144.105 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:330 Resp: 573413

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.6	116.4
141	29.2	24.7	37.1

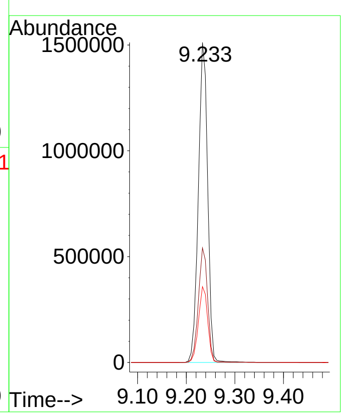




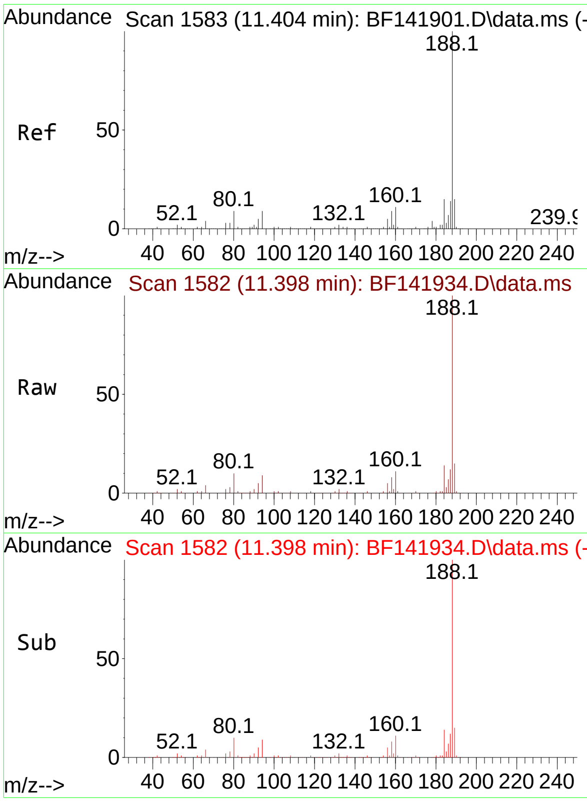
#45
2-Fluorobiphenyl
Concen: 98.277 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:172 Resp: 2026881

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.3	43.9
170	23.7	19.4	29.0



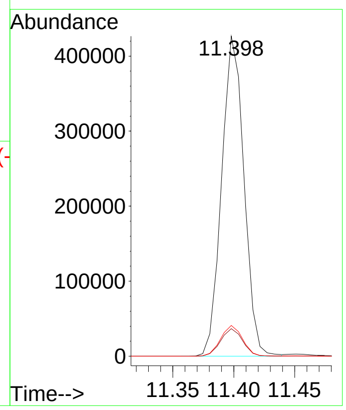
Instrument :
BNA_F
ClientSampleId :
PB167049TB

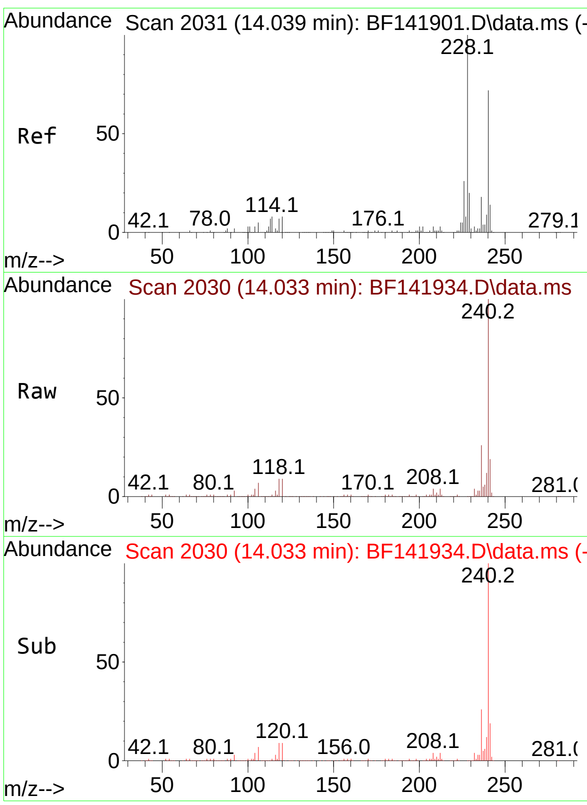


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1!
Delta R.T. -0.006 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:188 Resp: 544655

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	9.6	7.6	11.4

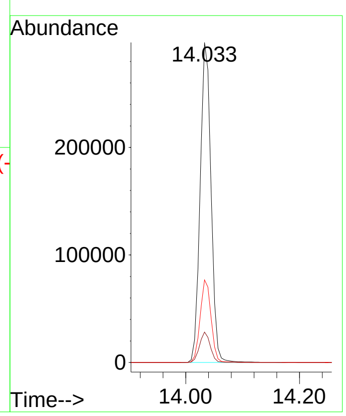




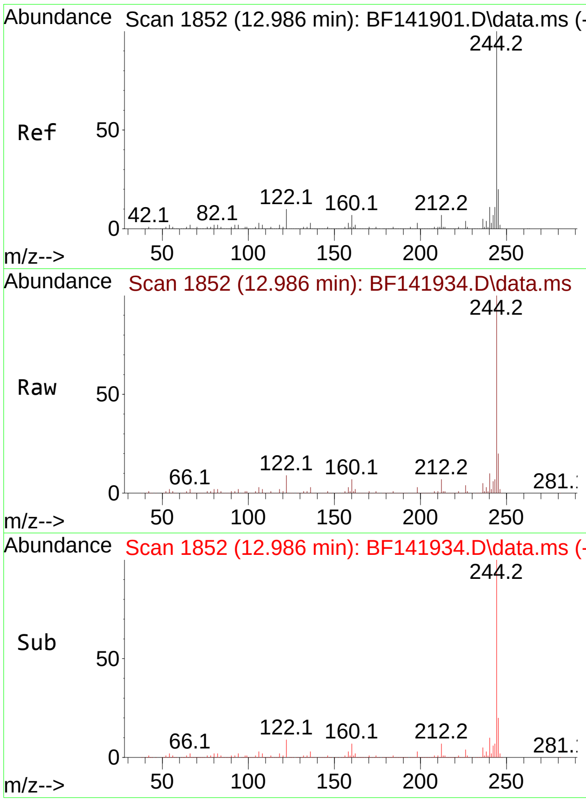
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:240 Resp: 397000

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	25.8	20.5	30.7



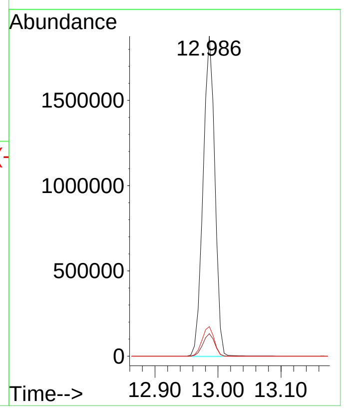
Instrument :
BNA_F
ClientSampleId :
PB167049TB

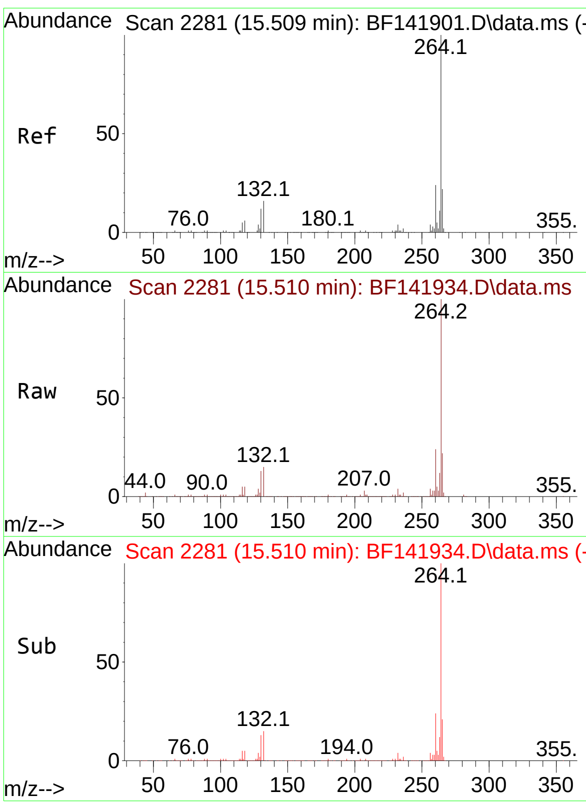


#79
Terphenyl-d14
Concen: 90.821 ng
RT: 12.986 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:244 Resp: 2438762

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	9.2	7.7	11.5

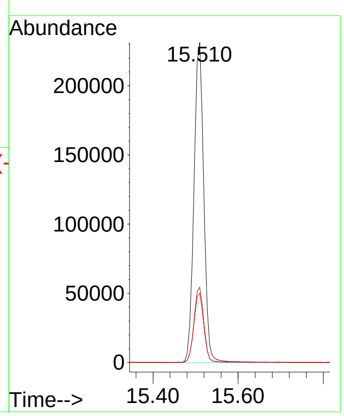




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141934.D
Acq: 12 Mar 2025 11:36

Tgt Ion:264 Resp: 371048

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.6	17.5	26.3



Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	ENTACT			Date Collected:	03/06/25	
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	03/07/25	
Client Sample ID:	WC-A1-01-C			SDG No.:	Q1523	
Lab Sample ID:	Q1523-03			Matrix:	TCLP	
Analytical Method:	SW8270			% Solid:	0	
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA	
Extraction Type :		Decanted :	N	Level :	LOW	
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141923.D	1	03/11/25 11:15	03/11/25 18:42	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	124		15 (10) - 110 (139)	83%	SPK: 150
13127-88-3	Phenol-d6	109		15 (10) - 110 (134)	72%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.3		30 (49) - 130 (133)	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	103		30 (52) - 130 (132)	103%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		15 (44) - 110 (137)	90%	SPK: 150
1718-51-0	Terphenyl-d14	82.4		30 (48) - 130 (125)	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	133000	6.881			
1146-65-2	Naphthalene-d8	499000	8.163			
15067-26-2	Acenaphthene-d10	254000	9.91			
1517-22-2	Phenanthrene-d10	415000	11.398			
1719-03-5	Chrysene-d12	364000	14.033			
1520-96-3	Perylene-d12	276000	15.504			

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	ENTACT			Date Collected:	03/06/25	
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	03/07/25	
Client Sample ID:	WC-A1-01-C			SDG No.:	Q1523	
Lab Sample ID:	Q1523-03			Matrix:	TCLP	
Analytical Method:	SW8270			% Solid:	0	
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA	
Extraction Type :		Decanted :	N	Level :	LOW	
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141923.D	1	03/11/25 11:15	03/11/25 18:42	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **BF141923.D**

Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141923.D
Acq On : 11 Mar 2025 18:42
Operator : RC/JU
Sample : Q1523-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 01:15:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	132841	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	498756	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	254340	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	415187	20.000	ng	0.00
76) Chrysene-d12	14.033	240	364222	20.000	ng	0.00
86) Perylene-d12	15.504	264	275509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	988695	124.216	ng	0.01
7) Phenol-d6	6.504	99	1099758	108.519	ng	0.00
23) Nitrobenzene-d5	7.440	82	844353	95.271	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	436097	135.155	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1723615	103.063	ng	0.00
79) Terphenyl-d14	12.986	244	2030864	82.437	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.181	128	545492	21.291	ng	100
37) 2-Methylnaphthalene	8.869	142	103047	6.017	ng	98
38) 1-Methylnaphthalene	8.969	142	125009	7.565	ng	99
52) Acenaphthene	9.945	154	35731	2.379	ng	97
77) Benzidine	12.733	184	77233	15.199	ng	98

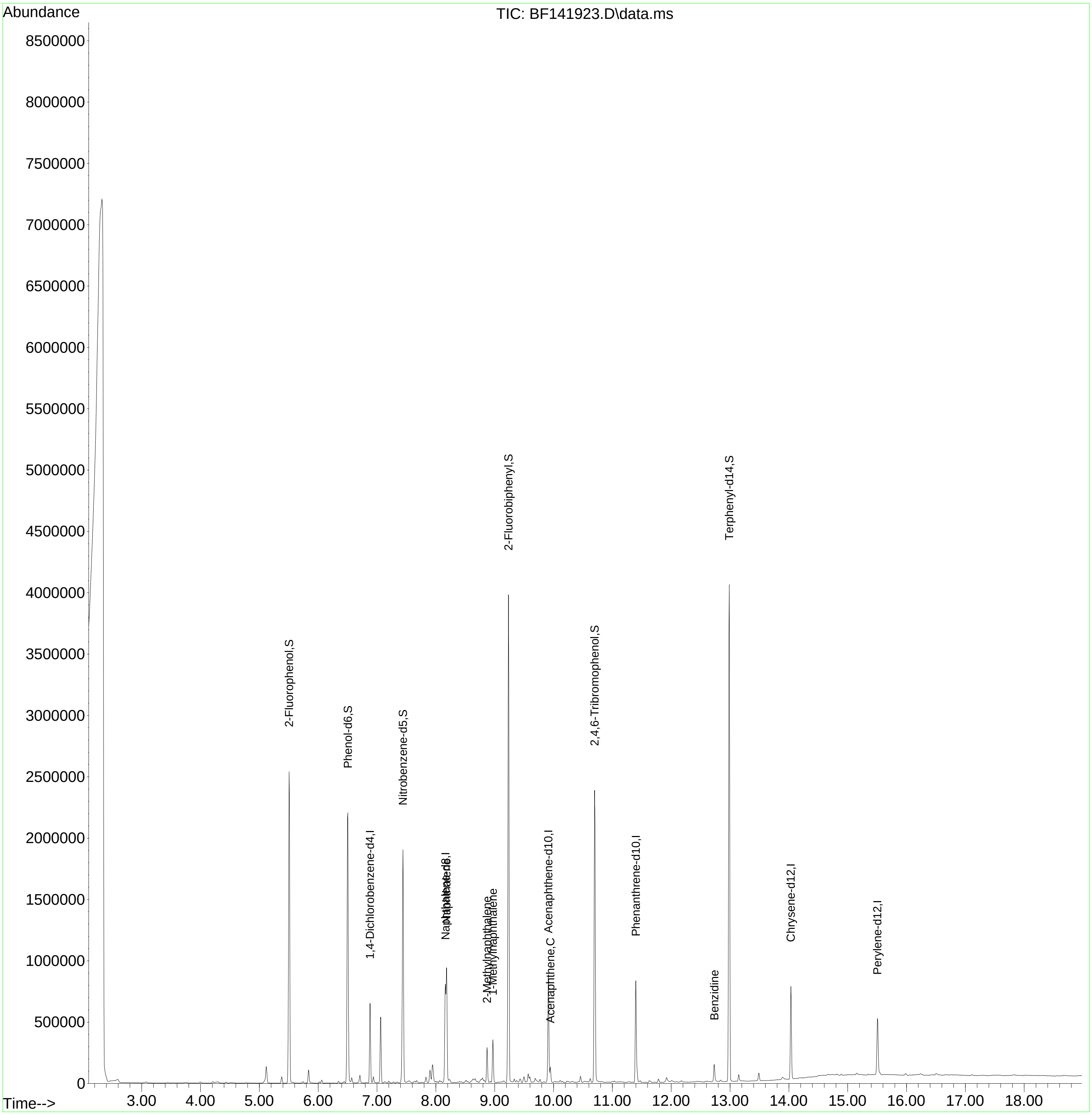
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **BF141923.D**

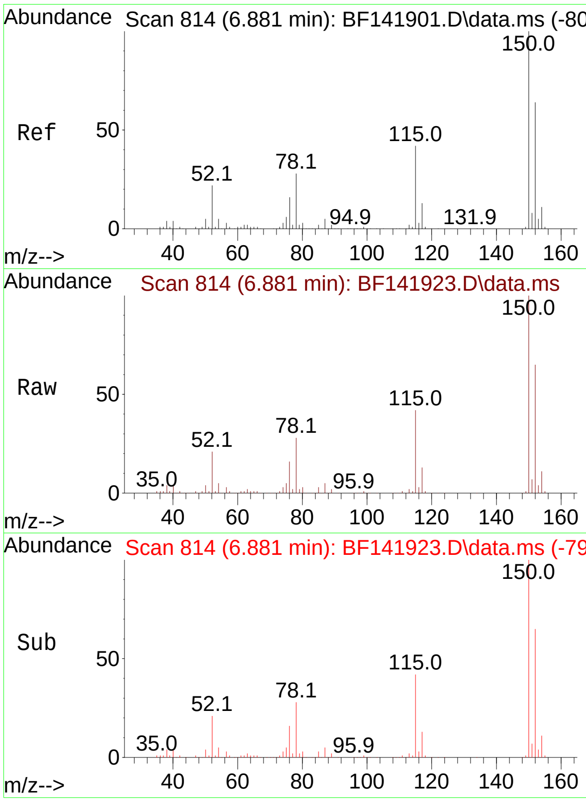
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141923.D
Acq On : 11 Mar 2025 18:42
Operator : RC/JU
Sample : Q1523-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Quant Time: Mar 12 01:15:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



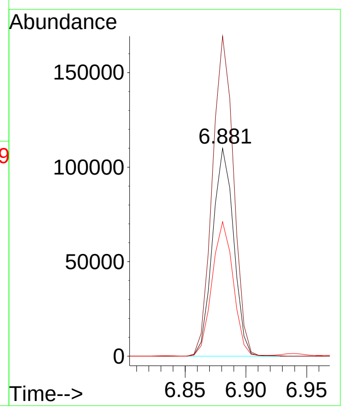
Instrument : BNA_F
ClientSampleId : WC-A1-01-C

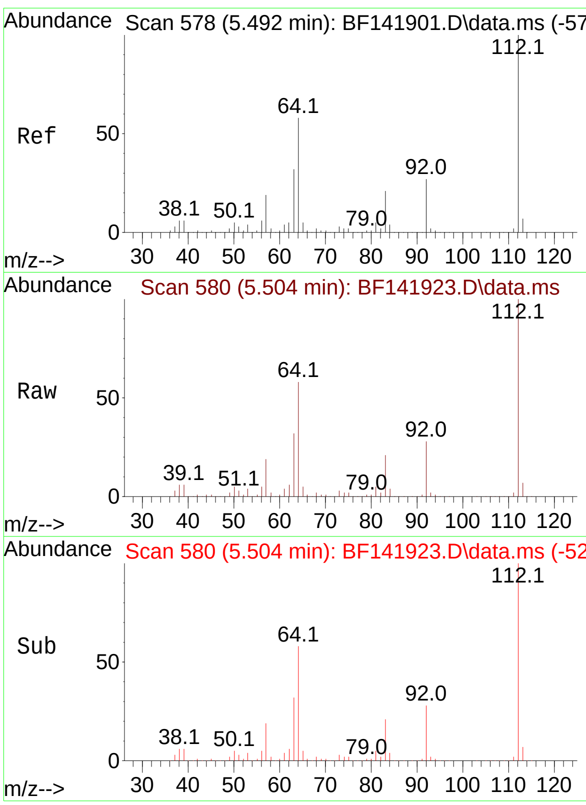


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min   Scan# 8
Delta R.T.   -0.000 min
Lab File: BF141923.D
Acq: 11 Mar 2025   18:42

Tgt Ion:152 Resp: 132841

Ion	Ratio	Lower	Upper
152	100		
150	153.9	127.4	191.2
115	64.7	51.9	77.9

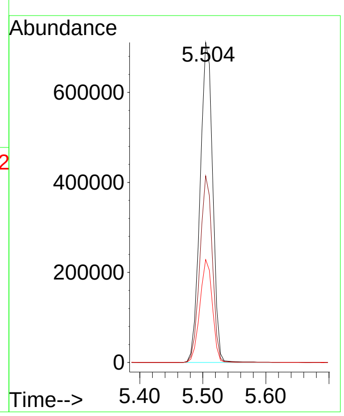




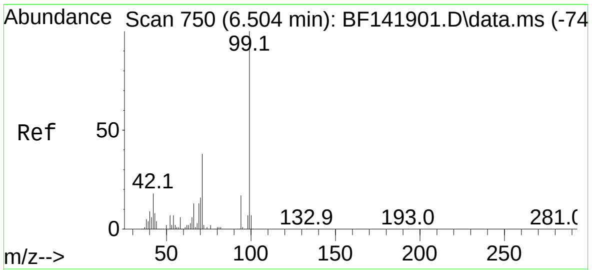
#5
2-Fluorophenol
Concen: 124.216 ng
RT: 5.504 min   Scan# 580
Delta R.T.   0.012 min
Lab File: BF141923.D
Acq: 11 Mar 2025   18:42

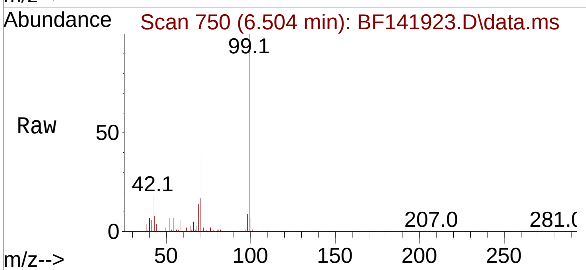
Tgt Ion:112 Resp: 988695

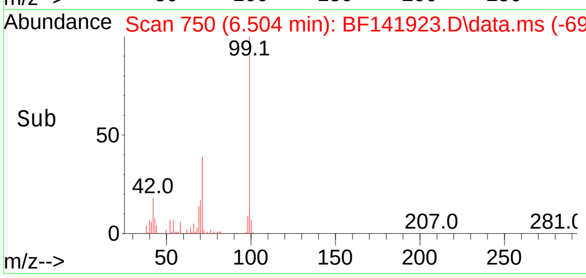
Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.5	69.7
63	32.1	25.4	38.2



Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C



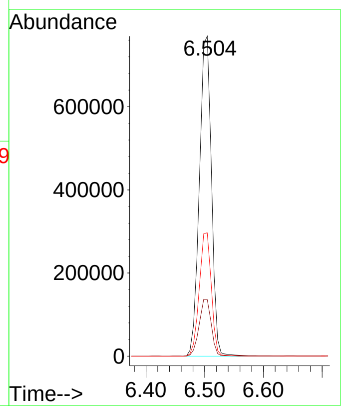


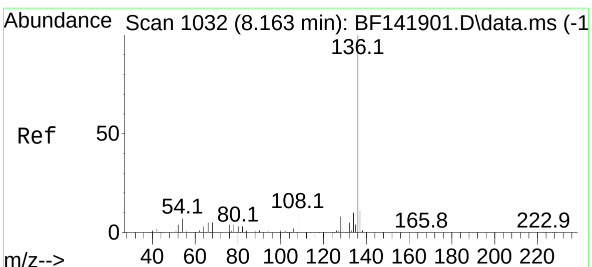


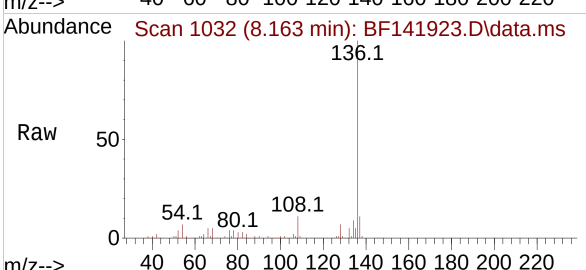
#7
Phenol-d6
Concen: 108.519 ng
RT: 6.504 min   Scan# 7
Delta R.T.   0.000 min
Lab File: BF141923.D
Acq: 11 Mar 2025   18:42

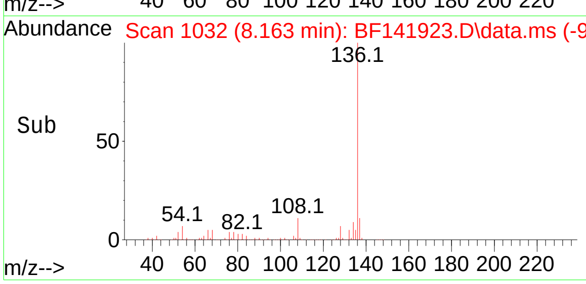
Tgt Ion: 99 Resp: 1099758

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.6	21.8
71	38.6	30.8	46.2





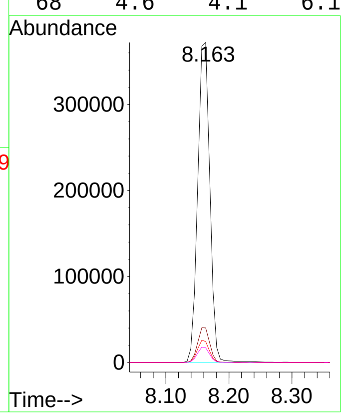




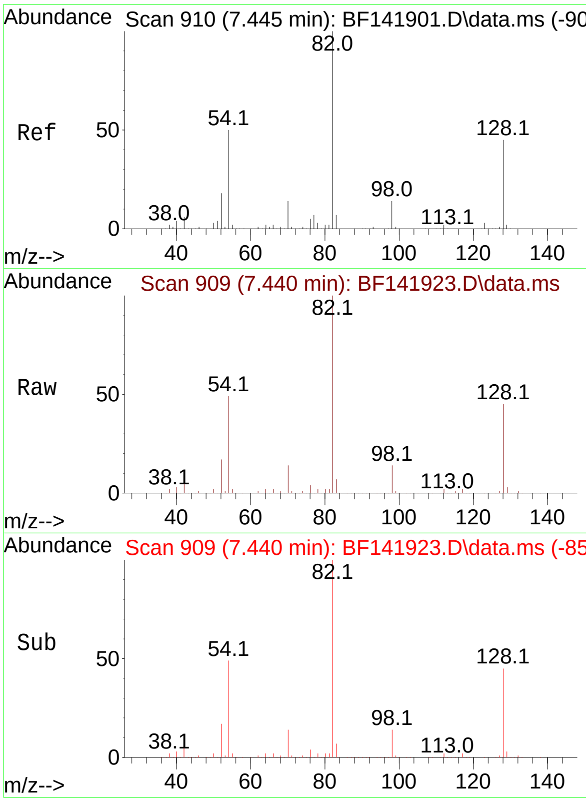
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min   Scan# 1032
Delta R.T.   0.000 min
Lab File: BF141923.D
Acq: 11 Mar 2025   18:42

Tgt Ion:136 Resp: 498756

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.8	8.8
68	4.6	4.1	6.1



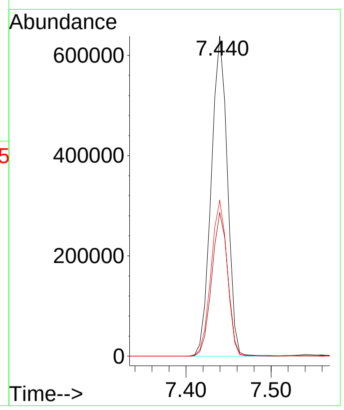
Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

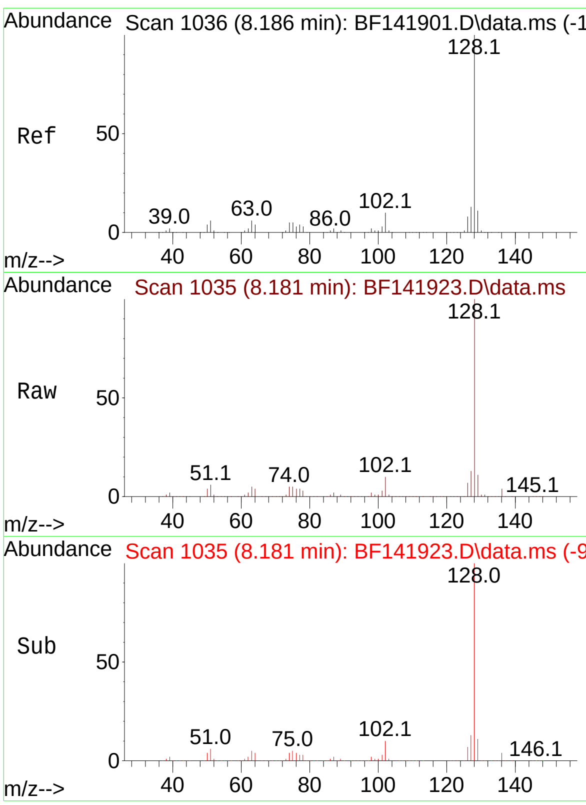


#23
Nitrobenzene-d5
Concen: 95.271 ng
RT: 7.440 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion: 82 Resp: 844353

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.0	54.0
54	48.7	39.6	59.4

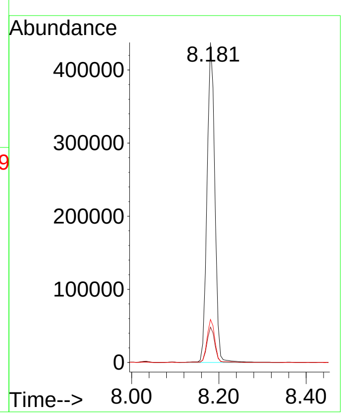




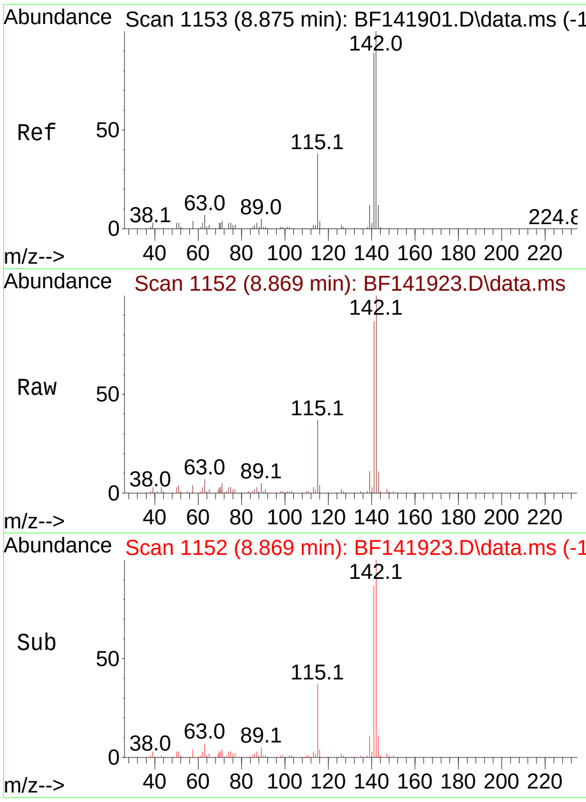
#31
Naphthalene
Concen: 21.291 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:128 Resp: 545492

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.4	10.8	16.2



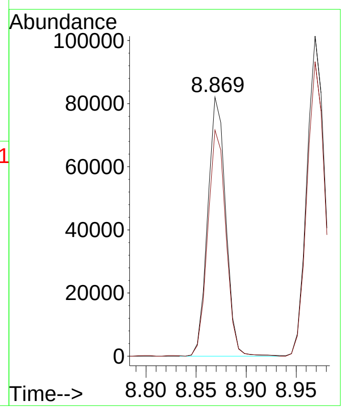
Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

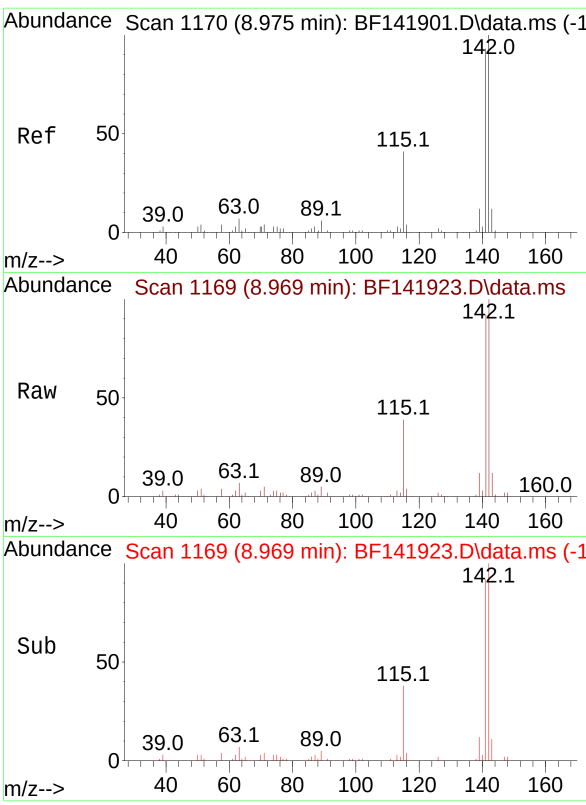


#37
2-Methylnaphthalene
Concen: 6.017 ng
RT: 8.869 min   Scan# 1
Delta R.T.   -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025   18:42

Tgt Ion:142 Resp: 103047

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.2	106.8

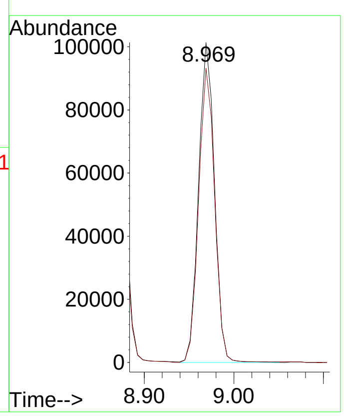




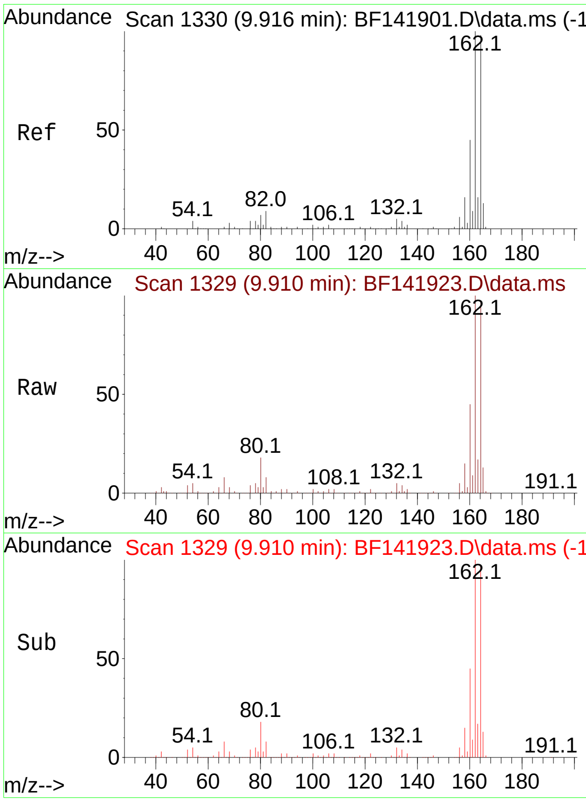
#38
1-Methylnaphthalene
Concen: 7.565 ng
RT: 8.969 min   Scan# 1169
Delta R.T.   -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025   18:42

Tgt Ion:142 Resp: 125009

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4



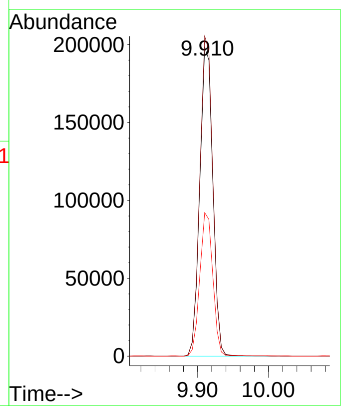
Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

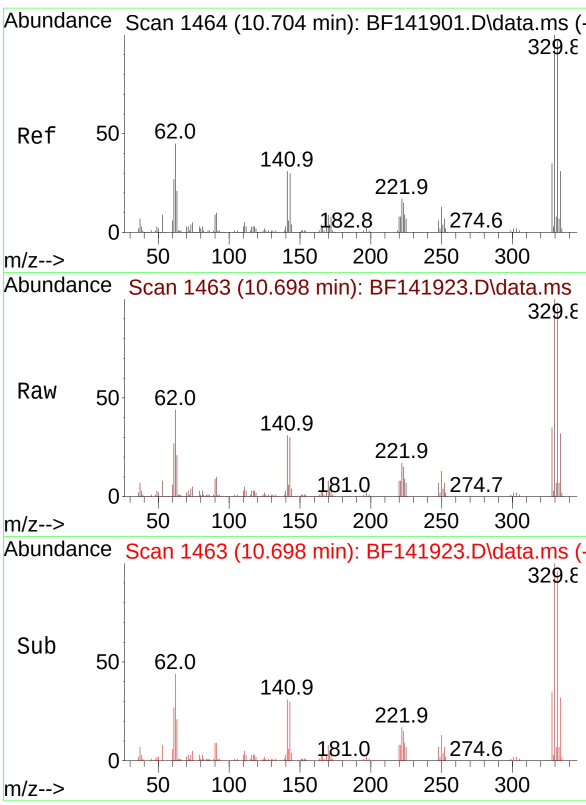


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:164 Resp: 254340

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.6
160	46.4	36.7	55.1

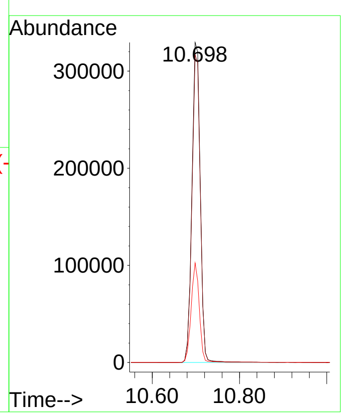




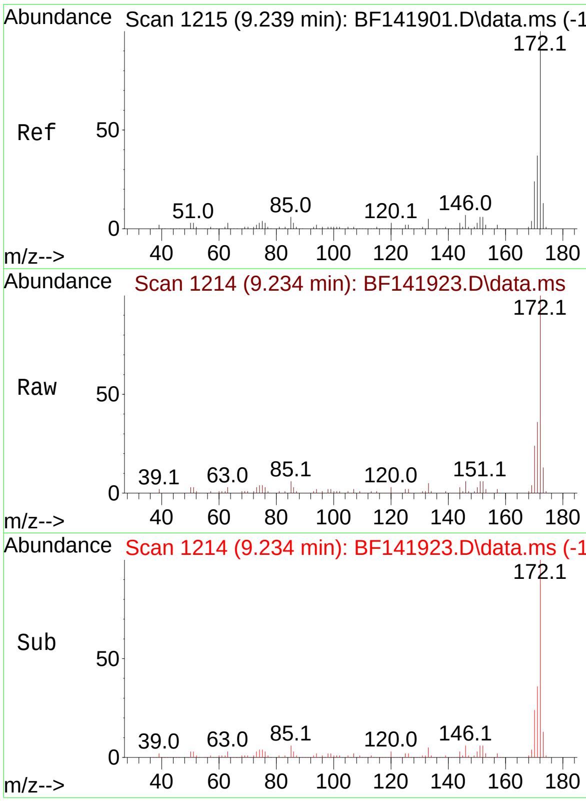
#42
2,4,6-Tribromophenol
Concen: 135.155 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:330 Resp: 436097

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	30.5	24.7	37.1



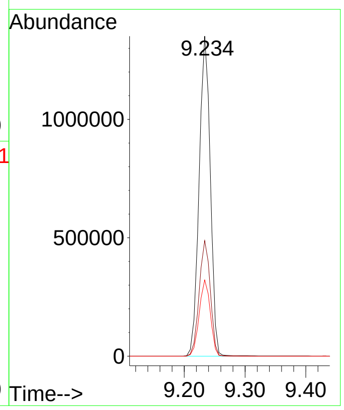
Instrument : BNA_F
ClientSampleId : WC-A1-01-C

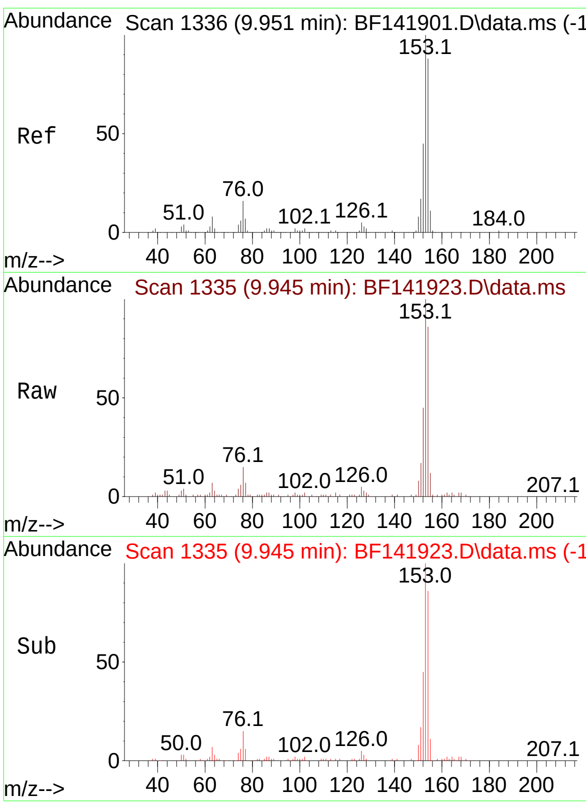


#45
2-Fluorobiphenyl
Concen: 103.063 ng
RT: 9.234 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:172 Resp: 1723615

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	23.8	19.4	29.0

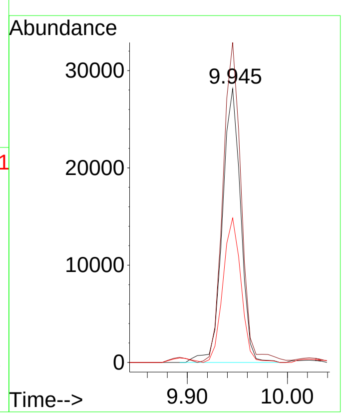




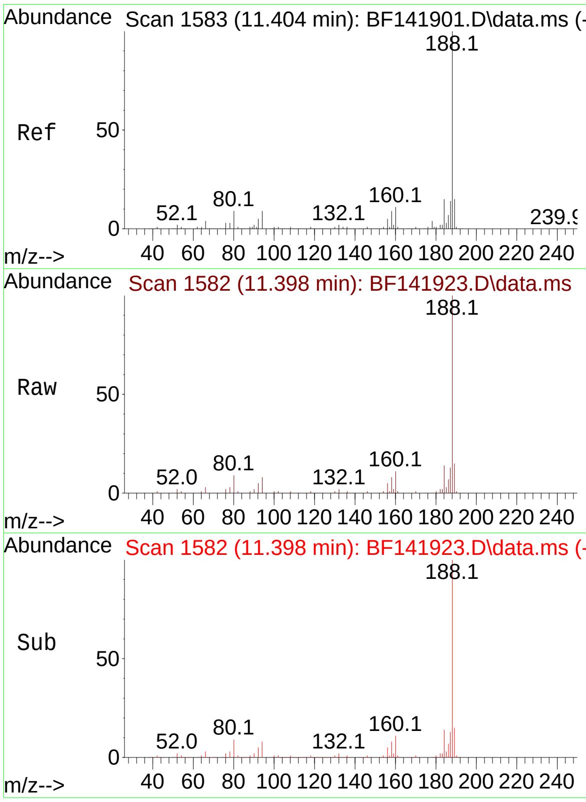
#52
Acenaphthene
Concen: 2.379 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:154 Resp: 35731

Ion	Ratio	Lower	Upper
154	100		
153	116.9	90.7	136.1
152	52.8	41.1	61.7



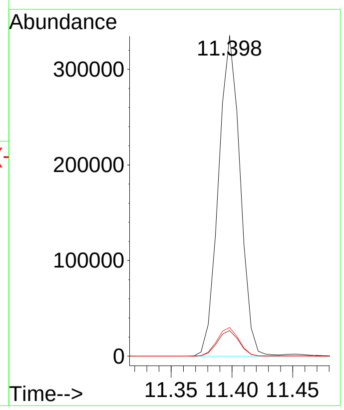
Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

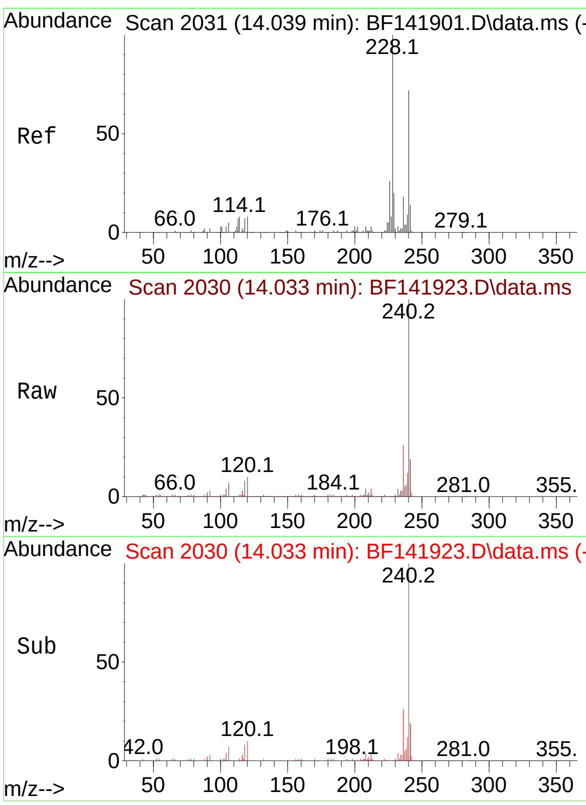


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:188 Resp: 415187

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.8	10.2
80	8.9	7.6	11.4

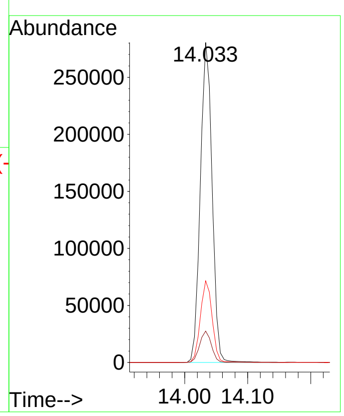




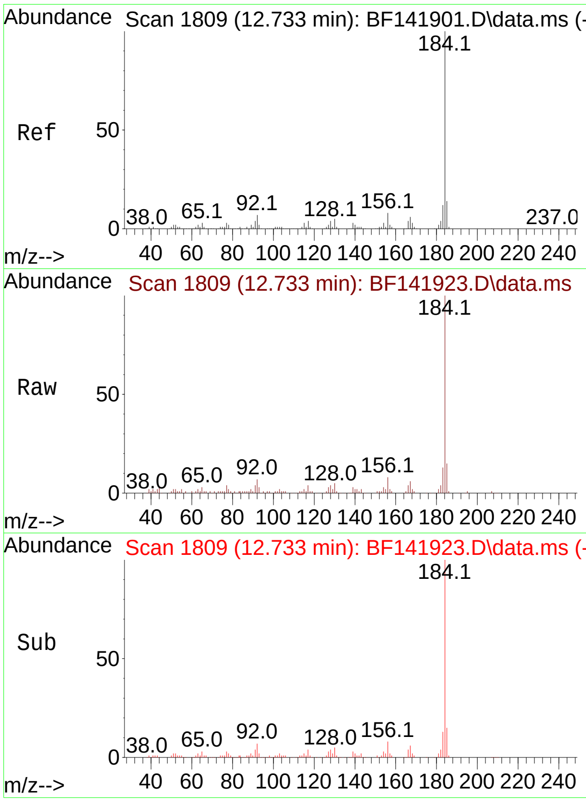
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:240 Resp: 364222

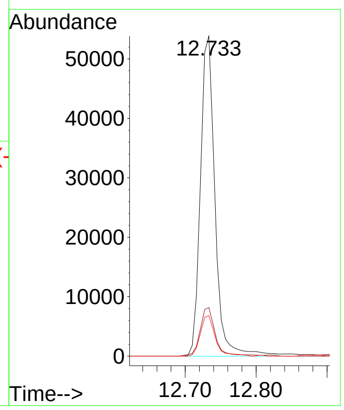
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	25.5	20.5	30.7

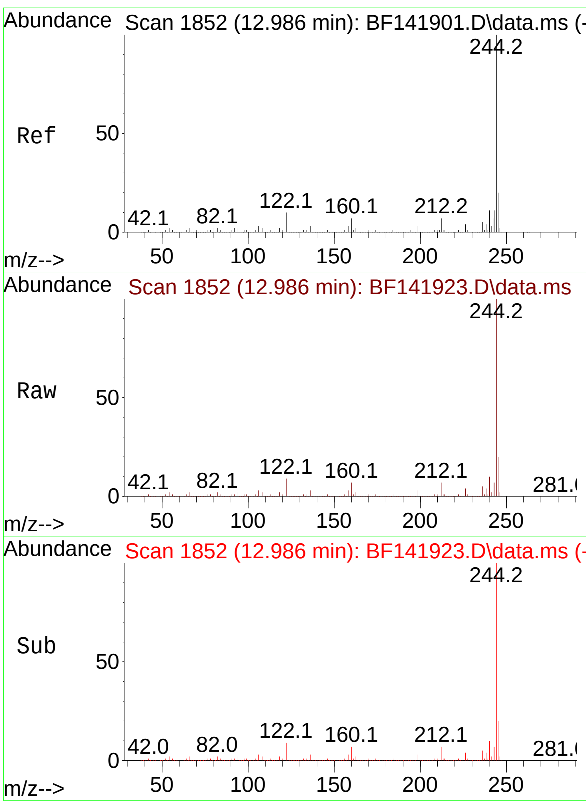


Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

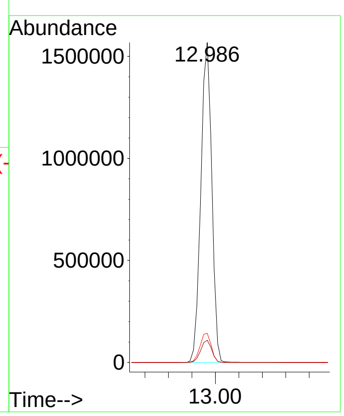


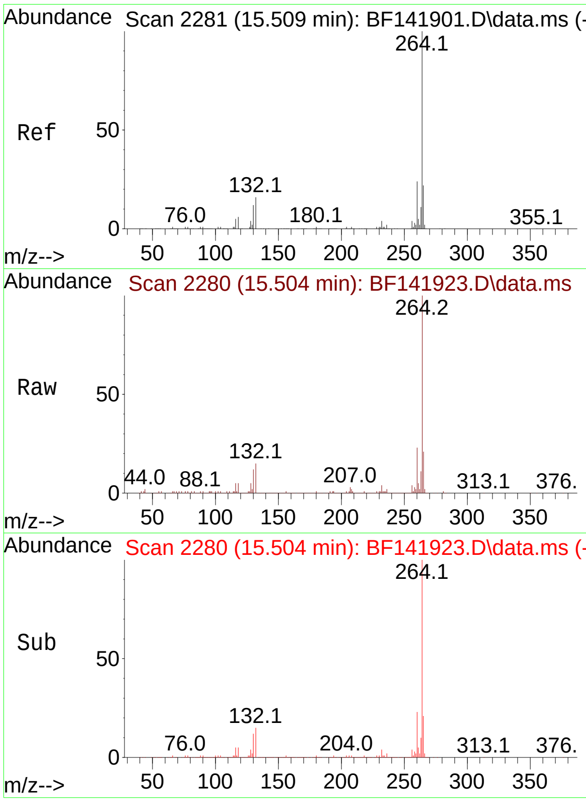

```
#77
Benzidine
Concen:   15.199 ng
RT:  12.733 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141923.D
Acq: 11 Mar 2025  18:42

Tgt Ion:184 Resp:   77233
Ion  Ratio  Lower  Upper
184  100
185   15.2   11.5   17.3
183   12.7    9.7   14.5
```






```
#79
Terphenyl-d14
Concen:   82.437 ng
RT:  12.986 min  Scan# 1852
Delta R.T.  0.000 min
Lab File:   BF141923.D
Acq: 11 Mar 2025  18:42

Tgt Ion:244 Resp: 2030864
Ion  Ratio  Lower  Upper
244  100
212    6.9    6.0    9.0
122    9.1    7.7   11.5
```



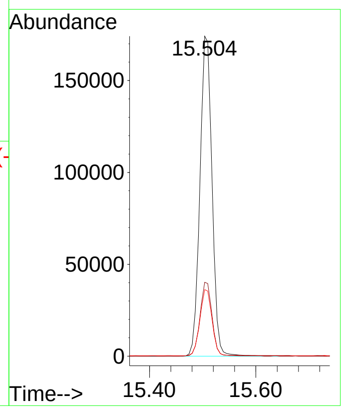


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Tgt Ion:264 Resp: 275509

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	20.8	17.5	26.3



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

Report of Analysis

Client:	ENTACT			Date Collected:	03/06/25	
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	03/07/25	
Client Sample ID:	WC-A2-02-C			SDG No.:	Q1523	
Lab Sample ID:	Q1523-06			Matrix:	TCLP	
Analytical Method:	SW8270			% Solid:	0	
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA	
Extraction Type :		Decanted :	N	Level :	LOW	
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064100.D	1	03/11/25 11:15	03/11/25 17:59	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	130		15 (10) - 110 (139)	87%	SPK: 150
13127-88-3	Phenol-d6	117		15 (10) - 110 (134)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	110		30 (49) - 130 (133)	110%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.2		30 (52) - 130 (132)	94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	159		15 (44) - 110 (137)	106%	SPK: 150
1718-51-0	Terphenyl-d14	97.9		30 (48) - 130 (125)	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	37300	7.865			
1146-65-2	Naphthalene-d8	156000	10.65			
15067-26-2	Acenaphthene-d10	104000	14.486			
1517-22-2	Phenanthrene-d10	217000	17.224			
1719-03-5	Chrysene-d12	226000	21.455			
1520-96-3	Perylene-d12	245000	24.469			

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

Report of Analysis

Client:	ENTACT			Date Collected:	03/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	03/07/25
Client Sample ID:	WC-A2-02-C			SDG No.:	Q1523
Lab Sample ID:	Q1523-06			Matrix:	TCLP
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :		Decanted :	N	Level :	LOW
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064100.D	1	03/11/25 11:15	03/11/25 17:59	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Quantitation Report (QT Reviewed)

Sample Results: **BG064100.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064100.D
Acq On : 11 Mar 2025 17:59
Operator : RC/JU
Sample : Q1523-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 12 06:34:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-C

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	37349	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	156052	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	103773	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	216840	20.000	ng	0.00
76) Chrysene-d12	21.455	240	225564	20.000	ng	0.00
86) Perylene-d12	24.469	264	244851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	311767	130.340	ng	0.00
7) Phenol-d6	7.036	99	379747	116.702	ng	0.00
23) Nitrobenzene-d5	9.016	82	311873	110.442	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	183855	159.387	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	644323	94.245	ng	0.00
79) Terphenyl-d14	19.851	244	1092452	97.929	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.703	128	134959	16.038	ng	97
37) 2-Methylnaphthalene	12.307	142	51251	8.627	ng	97
38) 1-Methylnaphthalene	12.524	142	41327m	7.101	ng	
52) Acenaphthene	14.545	154	12450	2.051	ng	90

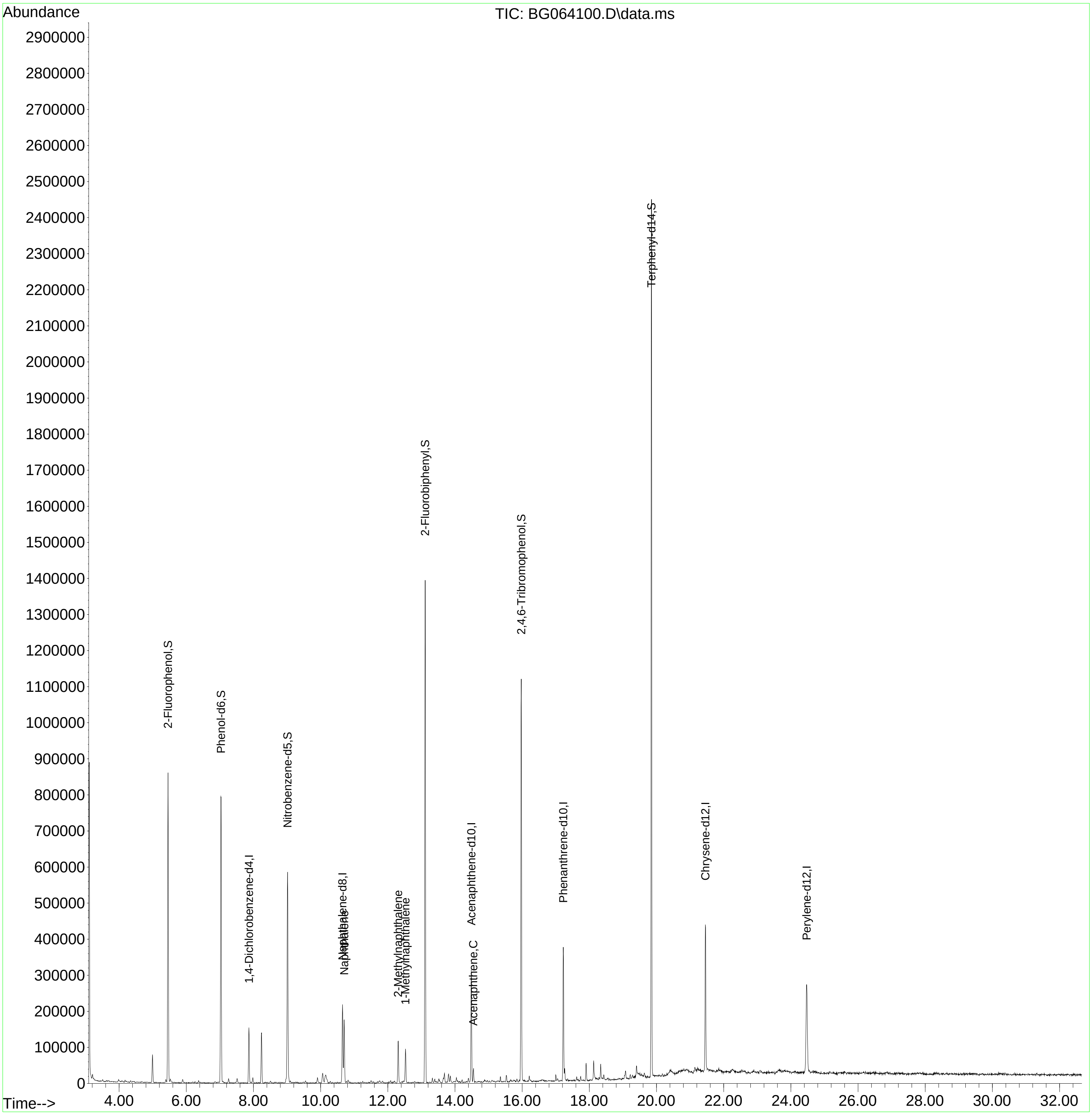
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **BG064100.D**

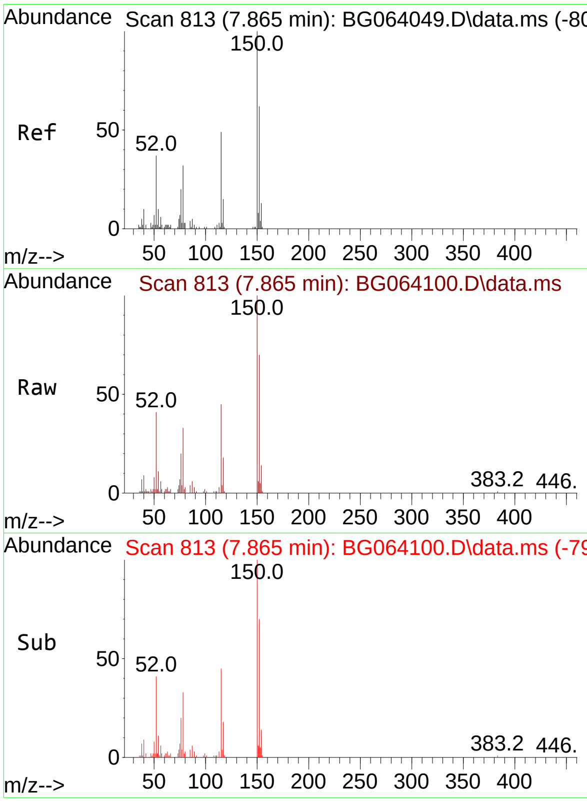
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064100.D
Acq On    : 11 Mar 2025  17:59
Operator  : RC/JU
Sample    : Q1523-06
Misc      :
ALS Vial  : 14   Sample Multiplier: 1

Quant Time: Mar 12 06:34:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration
```

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-C

Manual Integrations
APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



Sample Results: **BG064100.D**



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min   Scan# 8
Delta R.T.   -0.000 min
Lab File: BG064100.D
Acq: 11 Mar 2025   17:59

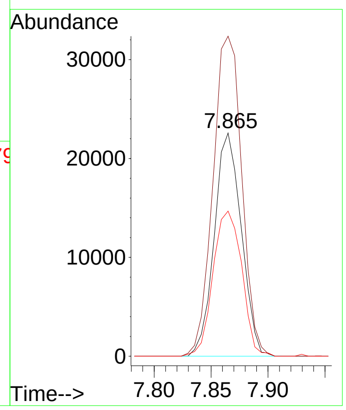
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-C

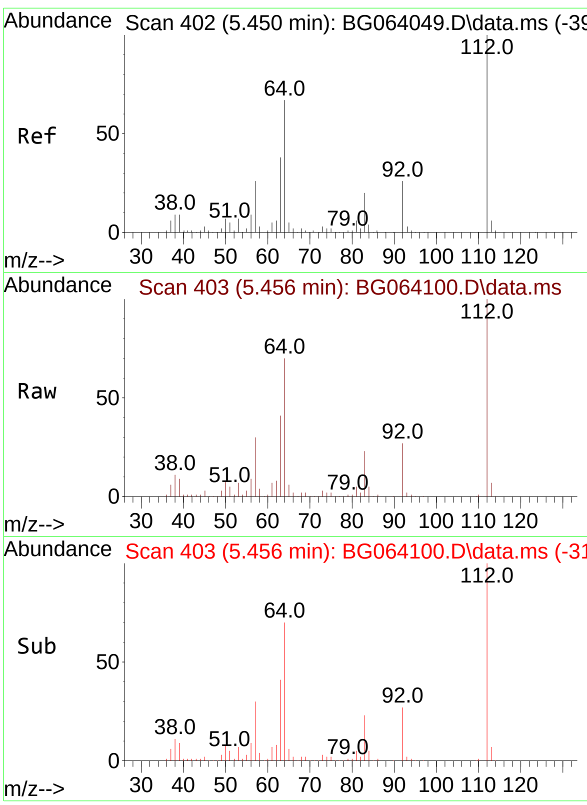
Tgt Ion:152 Resp: 3734

Ion	Ratio	Lower	Upper
152	100		
150	143.4	129.2	193.8
115	65.0	63.0	94.6

Manual Integrations APPROVED

Reviewed By :Anahy Claudio   03/12/2025
Supervised By :Jagrut Upadhyay   03/12/2025

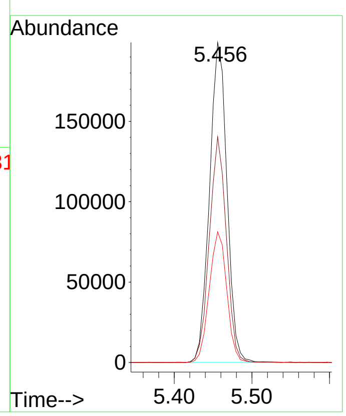


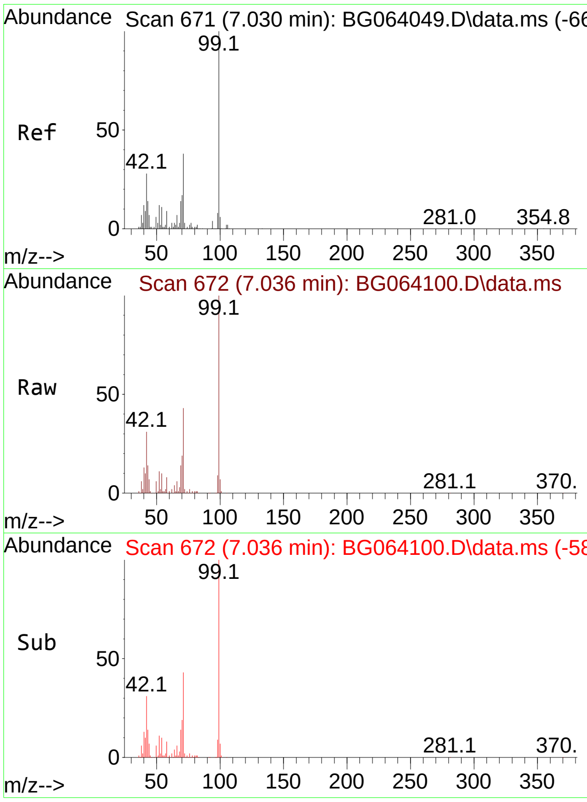


#5
2-Fluorophenol
Concen: 130.340 ng
RT: 5.456 min   Scan# 403
Delta R.T.   0.006 min
Lab File: BG064100.D
Acq: 11 Mar 2025   17:59

Tgt Ion:112 Resp: 311767

Ion	Ratio	Lower	Upper
112	100		
64	70.5	53.7	80.5
63	40.9	30.2	45.4





#7
Phenol-d6
Concen: 116.702 ng
RT: 7.036 min Scan# 6
Delta R.T. 0.006 min
Lab File: BG064100.D
Acq: 11 Mar 2025 17:59

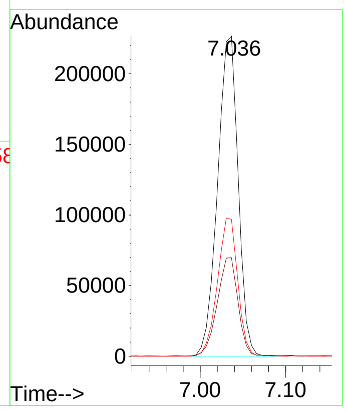
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-C

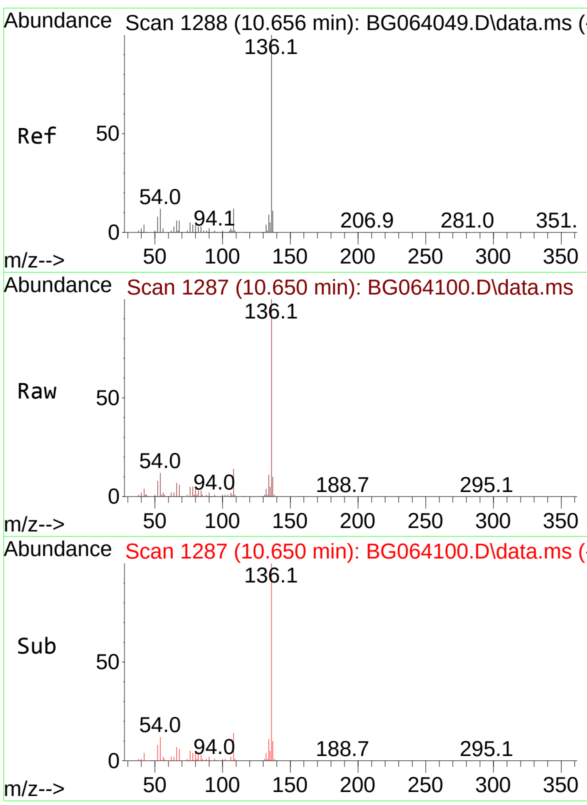
Tgt Ion: 99 Resp: 37974

Ion	Ratio	Lower	Upper
99	100		
42	30.8	22.7	34.1
71	42.8	30.6	46.0

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

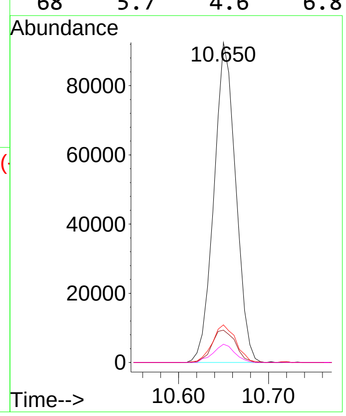


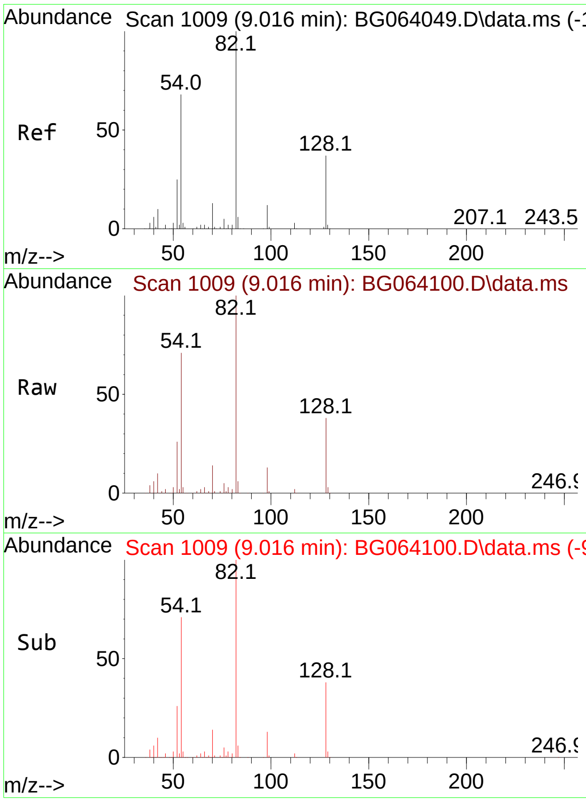


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BG064100.D
Acq: 11 Mar 2025 17:59

Tgt Ion:136 Resp: 156052

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.5	12.7
54	11.8	9.9	14.9
68	5.7	4.6	6.8





#23
Nitrobenzene-d5
Concen: 110.442 ng
RT: 9.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064100.D
Acq: 11 Mar 2025 17:59

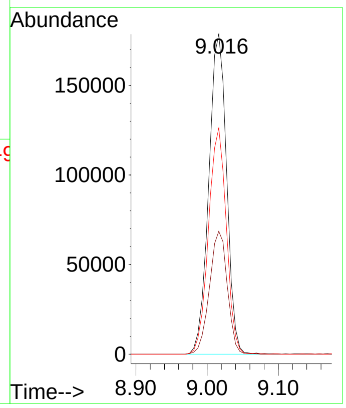
Tgt Ion: 82 Resp: 31187

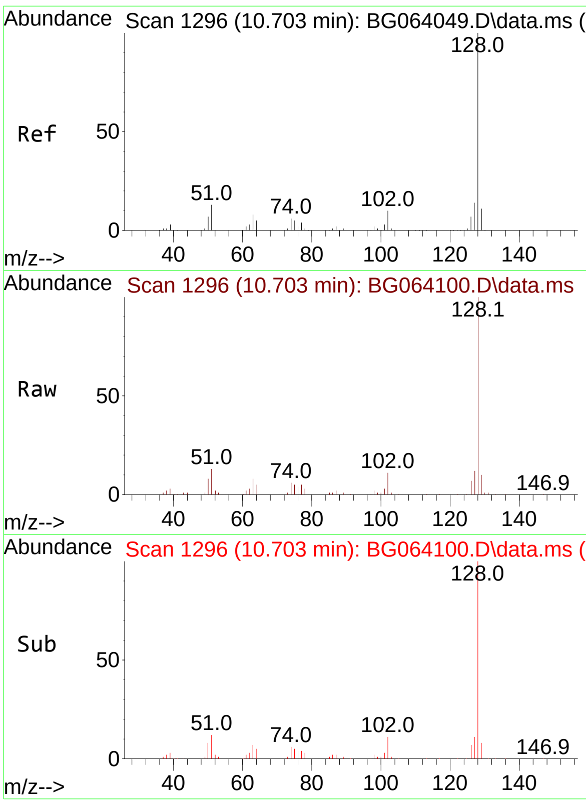
Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.0	45.0
54	70.7	54.7	82.1

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-C

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

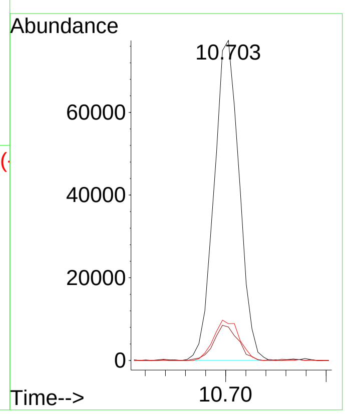




#31
Naphthalene
Concen: 16.038 ng
RT: 10.703 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BG064100.D
Acq: 11 Mar 2025 17:59

Tgt Ion:128 Resp: 134959

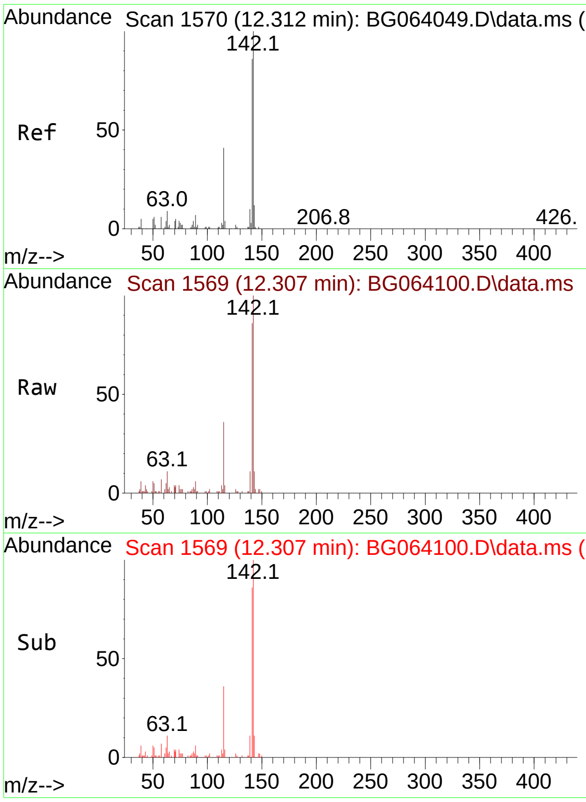
Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.4	12.6
127	11.5	11.1	16.7



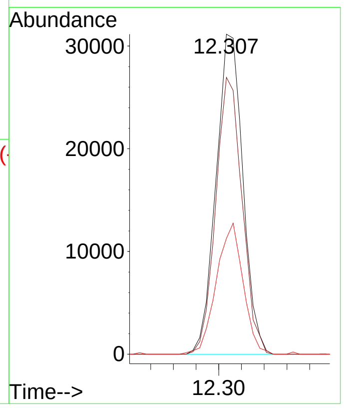
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-C

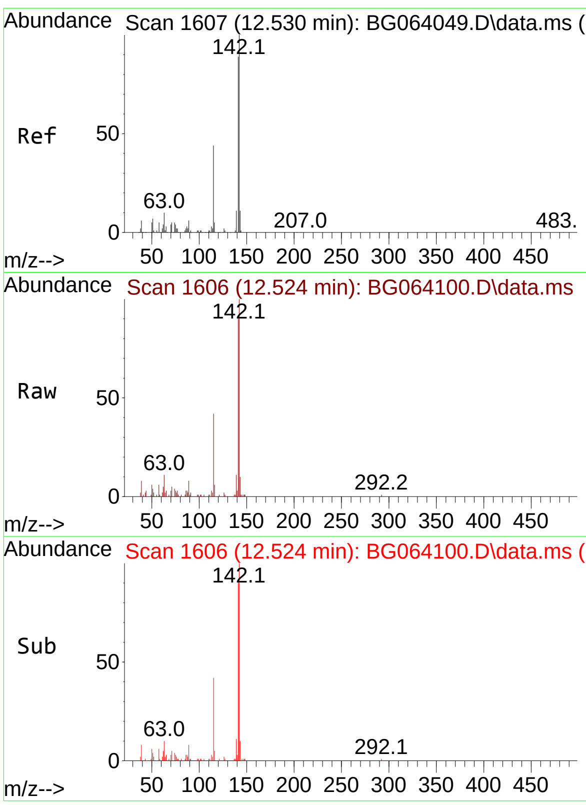
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

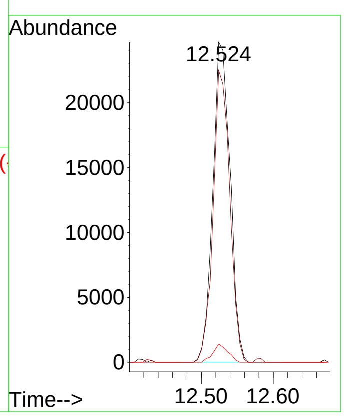



```
#37
2-Methylnaphthalene
Concen:     8.627 ng
RT:  12.307 min  Scan# 1!
Delta R.T.   -0.006 min
Lab File:    BG064100.D
Acq: 11 Mar 2025   17:59

Tgt Ion:142 Resp:    5125
Ion  Ratio   Lower   Upper
142  100
141   86.5    68.6   103.0
115   36.2    32.8    49.2
```



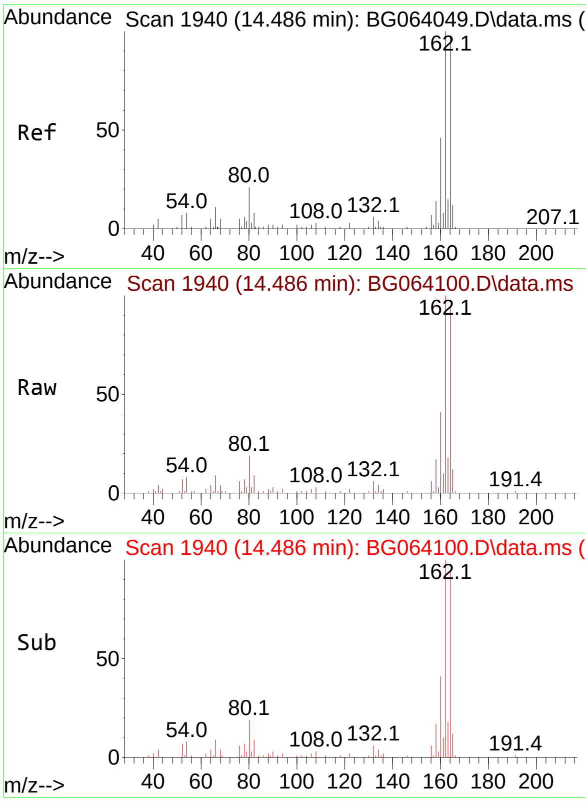



```
#38
1-Methylnaphthalene
Concen:     7.101 ng m
RT:  12.524 min  Scan# 1606
Delta R.T.   -0.006 min
Lab File:    BG064100.D
Acq: 11 Mar 2025   17:59

Tgt Ion:142 Resp:    41327
Ion  Ratio   Lower   Upper
142  100
141   91.2    71.2   106.8
116    5.7     3.6     5.4#
```



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-C

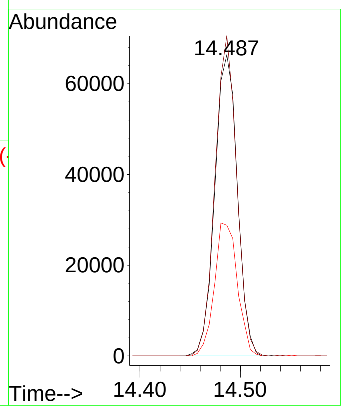
Manual Integrations
APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

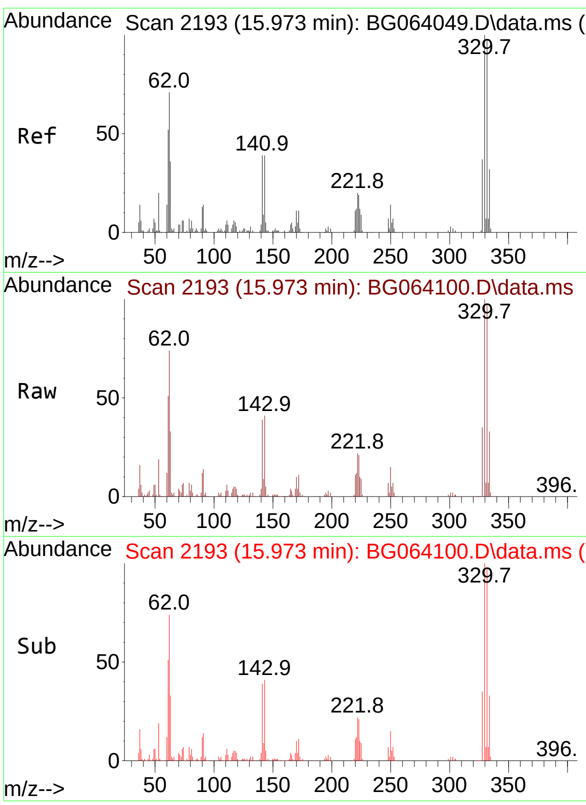


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064100.D
Acq: 11 Mar 2025 17:59

Tgt Ion:164 Resp: 10377

Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.4	122.0
160	43.4	37.0	55.6

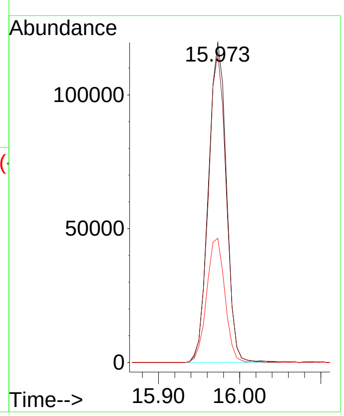




#42
2,4,6-Tribromophenol
Concen: 159.387 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BG064100.D
Acq: 11 Mar 2025 17:59

Tgt Ion:330 Resp: 183855

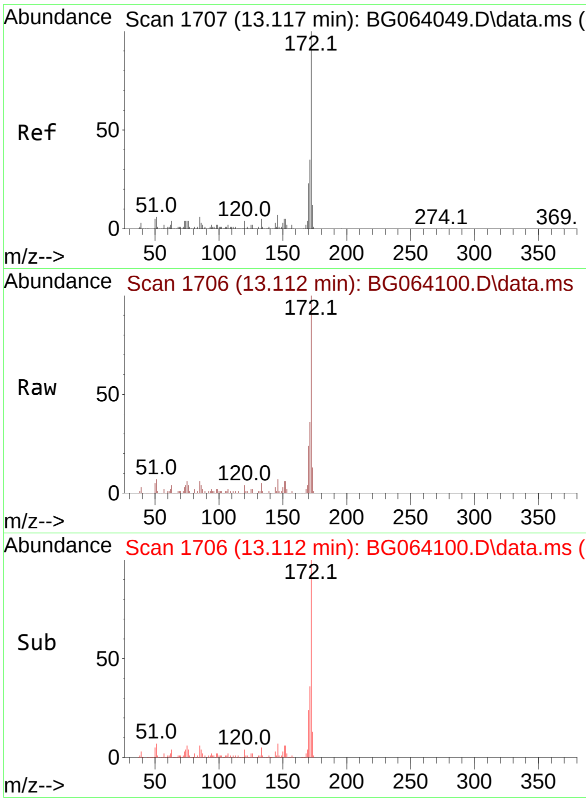
Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.7	115.1
141	39.4	29.7	44.5



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-C

Manual Integrations
APPROVED

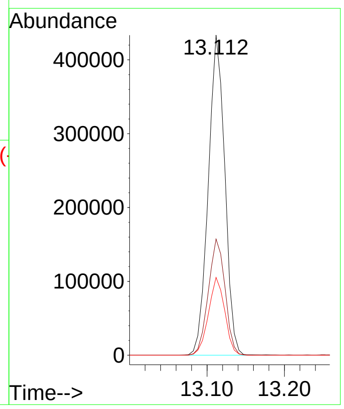
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

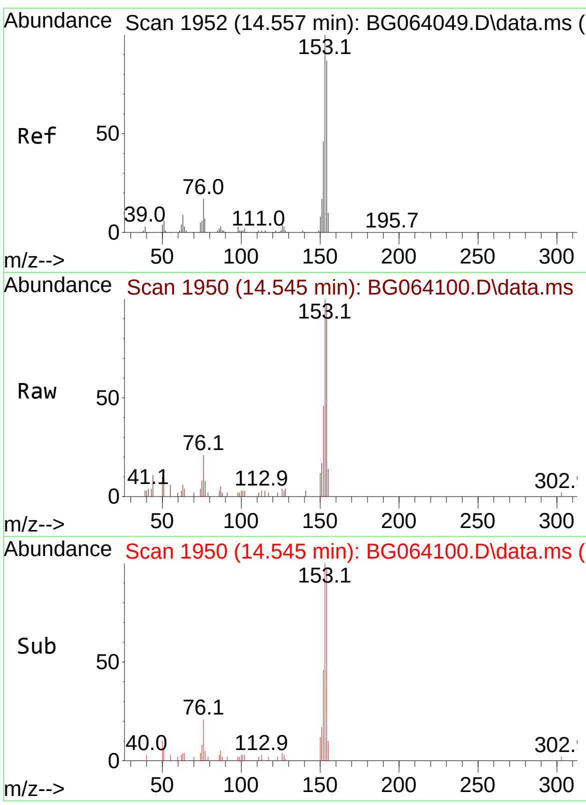


#45
2-Fluorobiphenyl
Concen: 94.245 ng
RT: 13.112 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064100.D
Acq: 11 Mar 2025 17:59

Tgt Ion:172 Resp: 64432

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.0	42.0
170	24.3	18.7	28.1

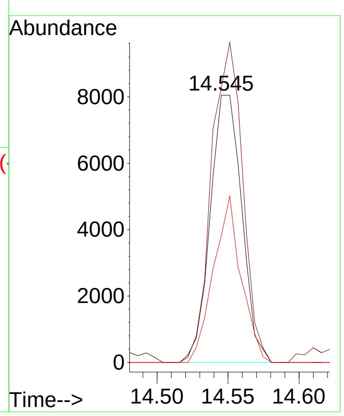


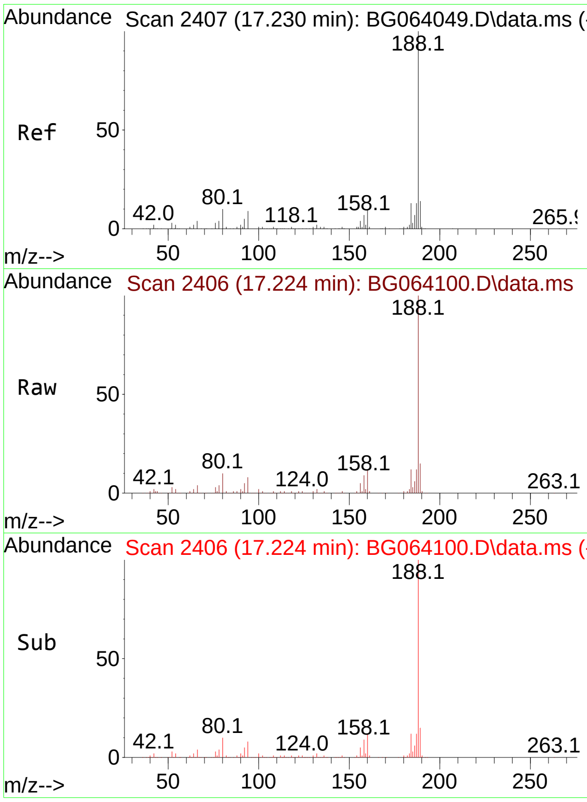


#52
Acenaphthene
Concen: 2.051 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BG064100.D
Acq: 11 Mar 2025 17:59

Tgt Ion:154 Resp: 12450

Ion	Ratio	Lower	Upper
154	100		
153	102.9	91.6	137.4
152	47.5	42.5	63.7





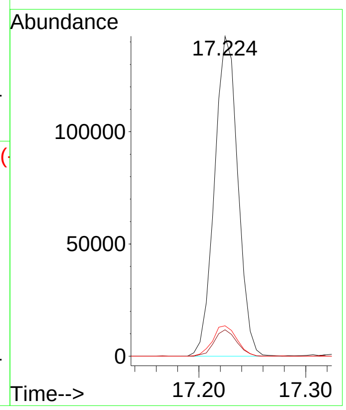
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064100.D
Acq: 11 Mar 2025 17:59

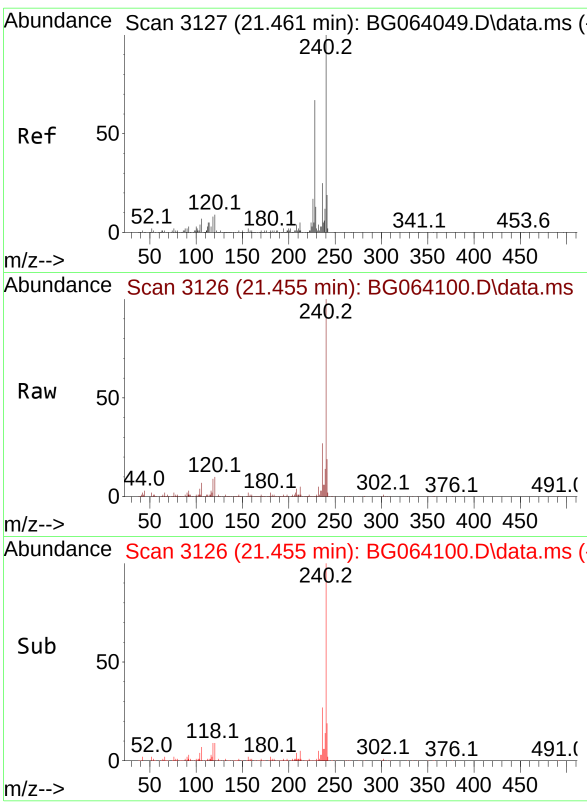
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-C

Tgt Ion:188 Resp: 21684

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.5	8.1	12.1

Manual Integrations
APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

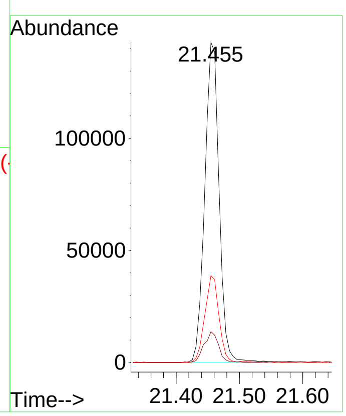


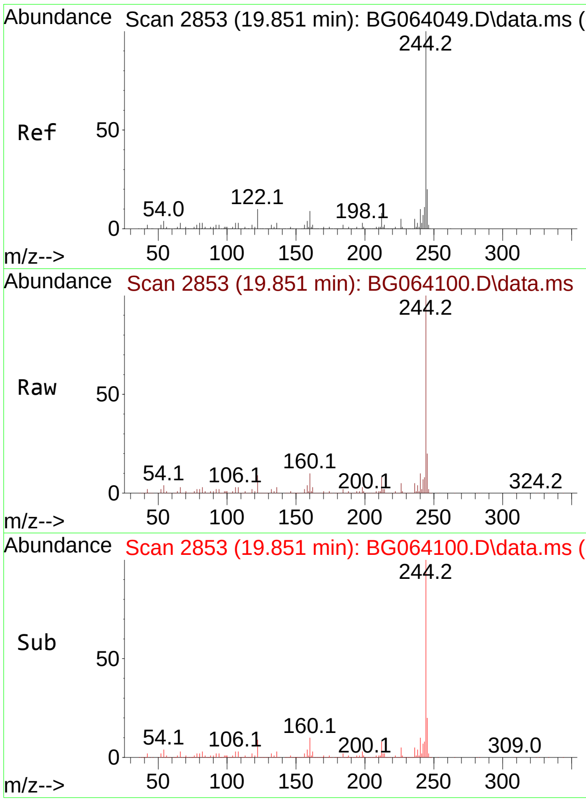


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BG064100.D
Acq: 11 Mar 2025 17:59

Tgt Ion:240 Resp: 225564

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.2	10.8
236	27.1	20.2	30.2

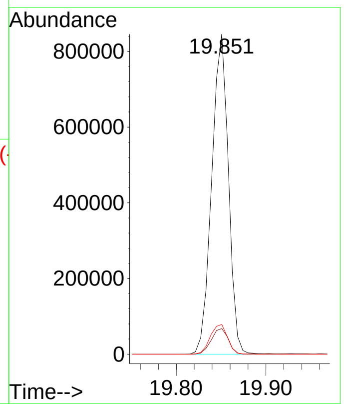




#79
Terphenyl-d14
Concen: 97.929 ng
RT: 19.851 min Scan# 28
Delta R.T. 0.000 min
Lab File: BG064100.D
Acq: 11 Mar 2025 17:59

Tgt Ion:244 Resp: 109245

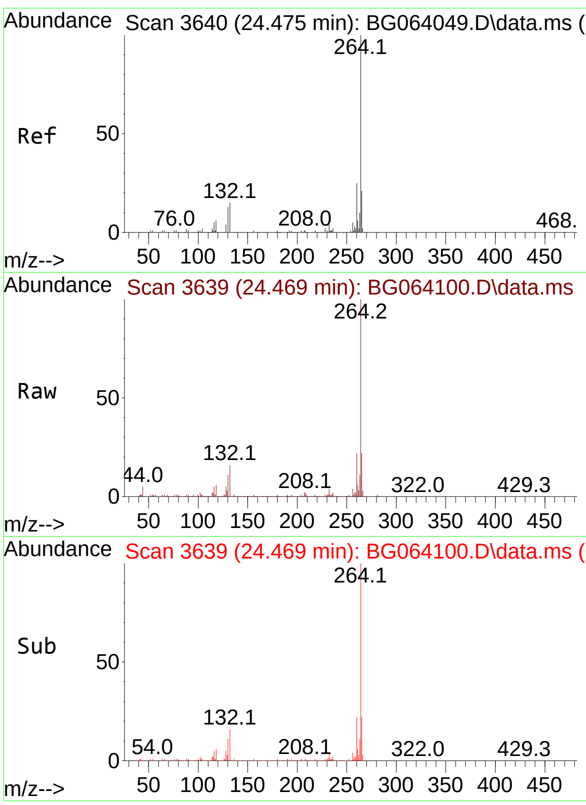
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.4
122	9.3	8.0	12.0



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-C

Manual Integrations APPROVED

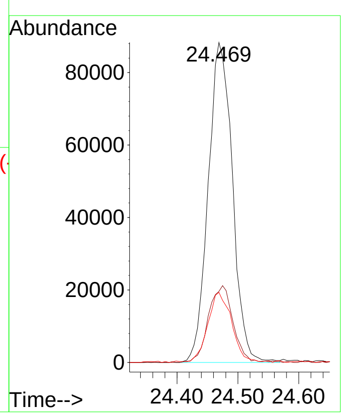
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.469 min Scan# 3639
Delta R.T. -0.006 min
Lab File: BG064100.D
Acq: 11 Mar 2025 17:59

Tgt Ion:264 Resp: 244851

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.6	29.4
265	21.9	16.6	25.0



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: ENTA05

Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523 SDG No.: Q1523

Instrument ID: BNA_F Calibration Date(s): 03/10/2025 03/10/2025

Calibration Time(s): 11:01 15:20

LAB FILE ID: RRF2.5 = BF141897.D RRF005 = BF141898.D RRF010 = BF141899.D
RRF020 = BF141900.D RRF040 = BF141901.D RRF060 = BF141903.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
Pyridine		1.217	1.204	1.334	1.221	1.209	1.232	3.8
2-Fluorophenol		1.267	1.243	1.298	1.148	1.146	1.198	5.8
Phenol-d6		1.623	1.593	1.644	1.442	1.471	1.526	6.0
1,4-Dichlorobenzene		1.514	1.503	1.548	1.393	1.420	1.452	4.7
2-Methylphenol		1.080	1.050	1.122	1.008	1.079	1.057	3.7
3+4-Methylphenols		1.449	1.394	1.470	1.294	1.334	1.354	6.5
Nitrobenzene-d5		0.345	0.356	0.379	0.348	0.363	0.355	3.5
Hexachloroethane		0.545	0.551	0.576	0.517	0.560	0.544	3.8
Nitrobenzene		0.347	0.351	0.375	0.346	0.359	0.353	3.1
Hexachlorobutadiene		0.211	0.211	0.221	0.203	0.214	0.213	2.5
2,4,6-Trichlorophenol		0.388	0.389	0.402	0.398	0.401	0.398	1.9
2-Fluorobiphenyl		1.430	1.379	1.379	1.254	1.246	1.315	5.9
2,4,5-Trichlorophenol		0.396	0.391	0.422	0.389	0.415	0.403	3.0
2,4-Dinitrotoluene		0.365	0.382	0.402	0.375	0.383	0.381	2.9
2,4,6-Tribromophenol		0.234	0.236	0.259	0.250	0.265	0.254	5.7
Hexachlorobenzene		0.262	0.267	0.284	0.269	0.271	0.275	3.9
Pentachlorophenol		0.130	0.151	0.172	0.177	0.186	0.170	12.7
Terphenyl-d14		1.343	1.309	1.360	1.276	1.417	1.353	3.6

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Mar 10 15:46:22 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF141897.D 5 =BF141898.D 10 =BF141899.D 20 =BF141900.D 40 =BF141901.D 50 =BF141905.D 60 =BF141903.D 80 =BF141904.D

#		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	-----------------ISTD---------------------									
2)		1,4-Dioxane		0.490	0.482	0.536	0.504	0.495	0.501	0.508	0.502	3.43
3)		Pyridine		1.217	1.204	1.334	1.221	1.203	1.209	1.233	1.232	3.77
4)		n-Nitrosodimet...		0.554	0.556	0.621	0.583	0.595	0.594	0.607	0.587	4.26
5)	S	2-Fluorophenol		1.267	1.243	1.298	1.148	1.162	1.146	1.124	1.198	5.79
6)		Aniline		1.599	1.602	1.640	1.465	1.443	1.435	1.351	1.505	7.20
7)	S	Phenol-d6		1.623	1.593	1.644	1.442	1.483	1.471	1.424	1.526	5.99
8)		2-Chlorophenol		1.421	1.354	1.434	1.259	1.295	1.284	1.256	1.329	5.63
9)		Benzaldehyde			1.021	0.975	0.778	0.778	0.716		0.853	15.85
10)	C	Phenol		1.708	1.675	1.747	1.536	1.542	1.532	1.496	1.605	6.30
11)		bis(2-Chloroet...		1.287	1.246	1.281	1.144	1.175	1.176	1.127	1.205	5.43
12)		1,3-Dichlorobe...		1.475	1.489	1.538	1.373	1.401	1.401	1.367	1.435	4.59
13)	C	1,4-Dichlorobe...		1.514	1.503	1.548	1.393	1.408	1.420	1.376	1.452	4.71
14)		1,2-Dichlorobe...		1.461	1.417	1.460	1.303	1.315	1.343	1.273	1.367	5.69
15)		Benzyl Alcohol		1.236	1.252	1.322	1.185	1.214	1.246	1.180	1.233	3.91
16)		2,2'-oxybis(1-...		1.591	1.525	1.534	1.363	1.387	1.472	1.313	1.455	7.07
17)		2-Methylphenol		1.080	1.050	1.122	1.008	1.038	1.079	1.021	1.057	3.73
18)		Hexachloroethane		0.545	0.551	0.576	0.517	0.540	0.560	0.522	0.544	3.76
19)	P	n-Nitroso-di-n...	1.020	1.024	1.000	1.043	0.913	0.940	0.991	0.912	0.980	5.29
20)		3+4-Methylphenols		1.449	1.394	1.470	1.294	1.311	1.334	1.223	1.354	6.55
21)	I	Naphthalene-d8	-----------------ISTD---------------------									
22)		Acetophenone		0.514	0.493	0.513	0.460	0.450	0.469	0.453	0.479	5.76
23)	S	Nitrobenzene-d5		0.345	0.356	0.379	0.348	0.344	0.363	0.353	0.355	3.47
24)		Nitrobenzene		0.347	0.351	0.375	0.346	0.343	0.359	0.352	0.353	3.07
25)		Isophorone		0.647	0.620	0.655	0.600	0.605	0.648	0.622	0.628	3.49
26)	C	2-Nitrophenol		0.150	0.159	0.182	0.175	0.179	0.188	0.181	0.173	7.88
27)		2,4-Dimethylph...		0.247	0.234	0.251	0.231	0.233	0.244	0.232	0.239	3.45
28)		bis(2-Chloroet...		0.411	0.406	0.416	0.372	0.377	0.397	0.378	0.394	4.63
29)	C	2,4-Dichloroph...		0.292	0.295	0.309	0.286	0.295	0.303	0.294	0.296	2.54
30)		1,2,4-Trichlor...		0.337	0.325	0.342	0.310	0.318	0.333	0.322	0.327	3.50
31)		Naphthalene		1.104	1.075	1.101	0.984	1.001	0.973	0.954	1.027	6.22
32)		Benzoic acid			0.149	0.191	0.208	0.228	0.242	0.241	0.210	17.07
33)		4-Chloroaniline		0.383	0.378	0.393	0.351	0.354	0.352	0.329	0.363	6.14
34)	C	Hexachlorobuta...		0.211	0.211	0.221	0.203	0.214	0.214	0.216	0.213	2.52
35)		Caprolactam		0.092	0.089	0.094	0.084	0.088	0.090	0.094	0.090	4.00
36)	C	4-Chloro-3-met...		0.334	0.331	0.349	0.318	0.329	0.334	0.320	0.331	3.13
37)		2-Methylnaphth...		0.746	0.709	0.733	0.653	0.655	0.667	0.645	0.687	6.09
38)		1-Methylnaphth...		0.717	0.691	0.721	0.623	0.619	0.647	0.620	0.663	6.95

Response Factor Report BNA_F

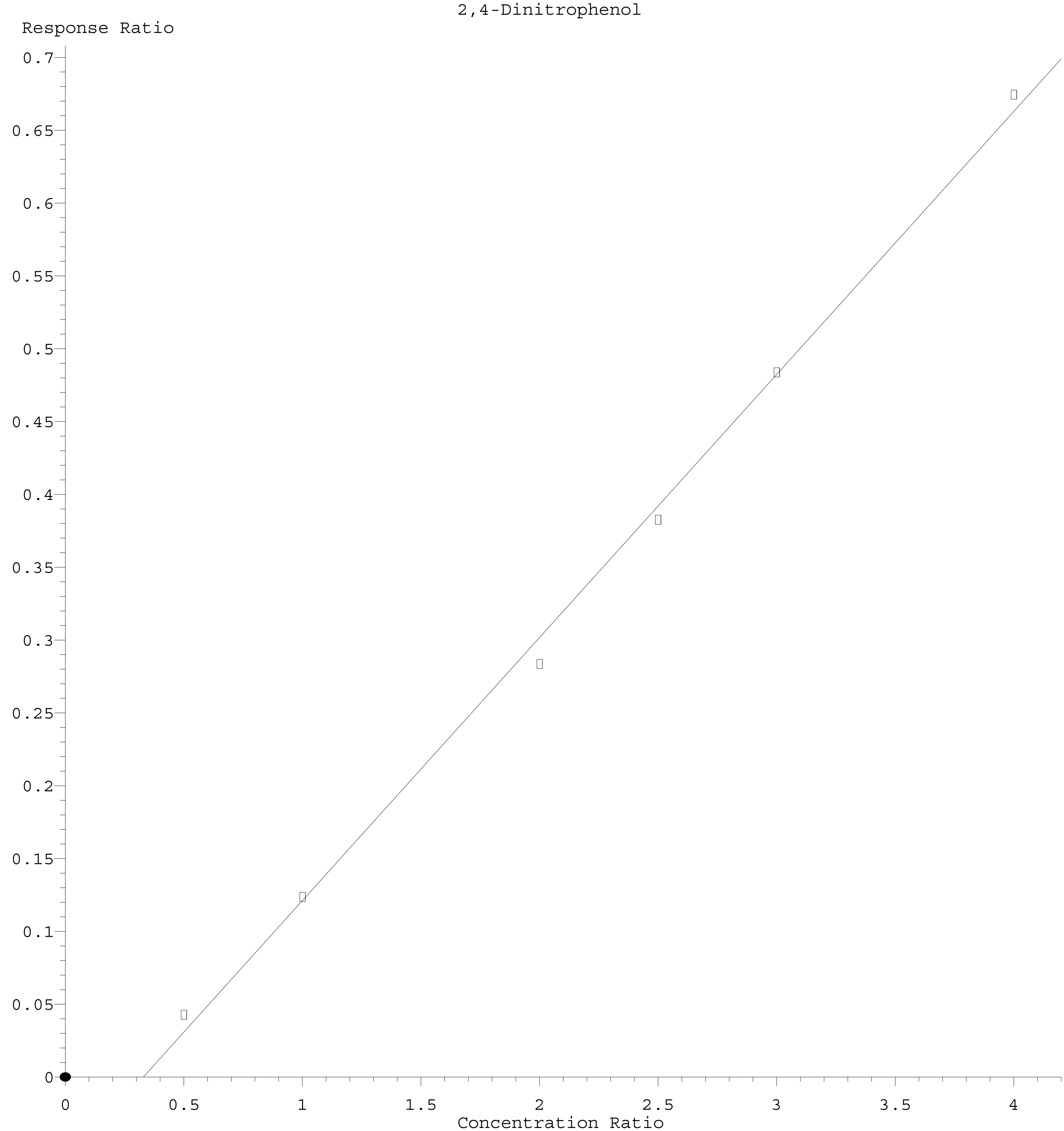
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF031025.M

39)	I	Acenaphthene-d10	----------------ISTD--------------------								
40)		1,2,4,5-Tetrac...	0.615	0.604	0.626	0.592	0.597	0.606	0.623	0.609	2.11
41)	P	Hexachlorocycl...	0.204	0.221	0.249	0.250	0.237	0.252	0.256	0.238	8.03
42)	S	2,4,6-Tribromo...	0.234	0.236	0.259	0.250	0.259	0.265	0.272	0.254	5.67
43)	C	2,4,6-Trichlor...	0.388	0.389	0.402	0.398	0.400	0.401	0.409	0.398	1.91
44)		2,4,5-Trichlor...	0.396	0.391	0.422	0.389	0.400	0.415	0.407	0.403	3.05
45)	S	2-Fluorobiphenyl	1.430	1.379	1.379	1.254	1.272	1.246	1.246	1.315	5.95
46)		1,1'-Biphenyl	1.636	1.573	1.591	1.454	1.502	1.431	1.450	1.520	5.29
47)		2-Chloronaphth...	1.197	1.141	1.181	1.091	1.129	1.090	1.100	1.133	3.82
48)		2-Nitroaniline	0.296	0.314	0.346	0.322	0.356	0.332	0.330	0.328	6.08
49)		Acenaphthylene	1.765	1.740	1.778	1.635	1.664	1.595	1.589	1.681	4.74
50)		Dimethylphthalate	1.481	1.414	1.469	1.329	1.425	1.345	1.341	1.401	4.47
51)		2,6-Dinitrotol...	0.277	0.279	0.305	0.285	0.307	0.296	0.292	0.292	4.11
52)	C	Acenaphthene	1.236	1.195	1.231	1.146	1.144	1.165	1.152	1.181	3.37
53)		3-Nitroaniline	0.291	0.295	0.316	0.293	0.283	0.301	0.291	0.296	3.61
54)	P	2,4-Dinitrophenol		0.085	0.124	0.142	0.153	0.161	0.169	0.139	22.02
55)		Dibenzofuran	1.849	1.787	1.791	1.614	1.607	1.596	1.570	1.688	6.87
56)	P	4-Nitrophenol	0.192	0.216	0.234	0.230	0.229	0.230	0.230	0.223	6.60
57)		2,4-Dinitrotol...	0.365	0.382	0.402	0.375	0.383	0.383	0.376	0.381	2.95
58)		Fluorene	1.443	1.361	1.381	1.229	1.243	1.234	1.220	1.302	7.01
59)		2,3,4,6-Tetrac...	0.355	0.365	0.390	0.359	0.364	0.366	0.369	0.367	3.05
60)		Diethylphthalate	1.475	1.471	1.497	1.336	1.357	1.338	1.302	1.397	5.80
61)		4-Chlorophenyl...	0.730	0.688	0.702	0.643	0.664	0.656	0.667	0.679	4.41
62)		4-Nitroaniline	0.284	0.288	0.304	0.288	0.287	0.286	0.278	0.288	2.73
63)		Azobenzene	1.392	1.363	1.404	1.245	1.261	1.226	1.197	1.298	6.57
64)	I	Phenanthrene-d10	----------------ISTD--------------------								
65)		4,6-Dinitro-2-...		0.083	0.111	0.121	0.130	0.133	0.137	0.119	16.61
66)	c	n-Nitrosodiphe...	0.675	0.651	0.671	0.620	0.638	0.638	0.637	0.647	3.03
67)		4-Bromophenyl-...	0.240	0.249	0.255	0.244	0.263	0.245	0.262	0.251	3.55
68)		Hexachlorobenzene	0.262	0.267	0.284	0.269	0.283	0.271	0.292	0.275	3.92
69)		Atrazine	0.216	0.213	0.193	0.164	0.206			0.198	10.72
70)	C	Pentachlorophenol	0.130	0.151	0.172	0.177	0.180	0.186	0.191	0.170	12.66
71)		Phenanthrene	1.155	1.151	1.138	1.038	1.026	1.032	1.023	1.080	5.90
72)		Anthracene	1.173	1.139	1.139	1.046	1.026	1.036	1.026	1.084	5.89
73)		Carbazole	0.996	0.994	0.985	0.908	0.903	0.892	0.864	0.935	5.91
74)		Di-n-butylphth...	1.320	1.321	1.319	1.177	1.238	1.175	1.132	1.240	6.50
75)	C	Fluoranthene	1.234	1.226	1.228	1.108	1.148	1.059	1.017	1.146	7.66
76)	I	Chrysene-d12	----------------ISTD--------------------								
77)		Benzidine	0.347	0.309	0.190	0.360	0.220	0.275	0.252	0.279	22.73
78)		Pyrene	1.695	1.651	1.727	1.611	1.877	1.823	1.726	1.730	5.38
79)	S	Terphenyl-d14	1.343	1.309	1.360	1.276	1.380	1.417	1.384	1.353	3.56
80)		Butylbenzylpht...	0.629	0.656	0.702	0.655	0.703	0.717	0.677	0.677	4.72
81)		Benzo(a)anthra...	1.370	1.304	1.334	1.273	1.294	1.317	1.294	1.312	2.41
82)		3,3'-Dichlorob...	0.370	0.389	0.380	0.372	0.365	0.394	0.384	0.379	2.78
83)		Chrysene	1.143	1.194	1.260	1.136	1.192	1.213	1.189	1.190	3.53
84)		Bis(2-ethylhex...	0.897	0.912	0.966	0.904	0.978	0.952	0.927	0.934	3.43
85)	c	Di-n-octyl pht...	1.145	1.219	1.338	1.265	1.376	1.390	1.361	1.299	7.10

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF031025.M

86)	I	Perylene-d12	-----------------ISTD---------------------								
87)		Indeno(1,2,3-c...	1.097	1.142	1.308	1.287	1.322	1.472	1.429	1.294	10.60
88)		Benzo(b)fluora...	1.420	1.310	1.485	1.210	1.346	1.390	1.434	1.371	6.65
89)		Benzo(k)fluora...	1.162	1.268	1.197	1.205	1.129	1.210	1.041	1.173	6.16
90)	C	Benzo(a)pyrene	1.040	1.042	1.123	1.036	1.083	1.083	1.101	1.073	3.16
91)		Dibenzo(a,h)an...	0.910	0.953	1.073	1.068	1.095	1.195	1.178	1.067	9.91
92)		Benzo(g,h,i)pe...	0.912	0.949	1.061	1.065	1.064	1.167	1.167	1.055	9.24

(#) = Out of Range



Response = 1.805e-001 * Amt - 5.933e-002
Coef of Det (r^2) = 0.997436   Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF031025.M
Calibration Table Last Updated: Mon Mar 10 15:46:22 2025

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141897.D
Acq On : 10 Mar 2025 11:01
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 10 15:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.881	152	218163	20.000 ng	0.00
21) Naphthalene-d8	8.157	136	918034	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	548310	20.000 ng	0.00
64) Phenanthrene-d10	11.398	188	1010378	20.000 ng	0.00
76) Chrysene-d12	14.033	240	740344	20.000 ng	0.00
86) Perylene-d12	15.509	264	520745	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	0.000	112	0d	0.000 ng	
7) Phenol-d6	0.000	99	0d	0.000 ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000 ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000 ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000 ng	
79) Terphenyl-d14	0.000	244	0d	0.000 ng	
Target Compounds					Qvalue
19) n-Nitroso-di-n-propyla...	7.275	70	27816	2.599 ng	94

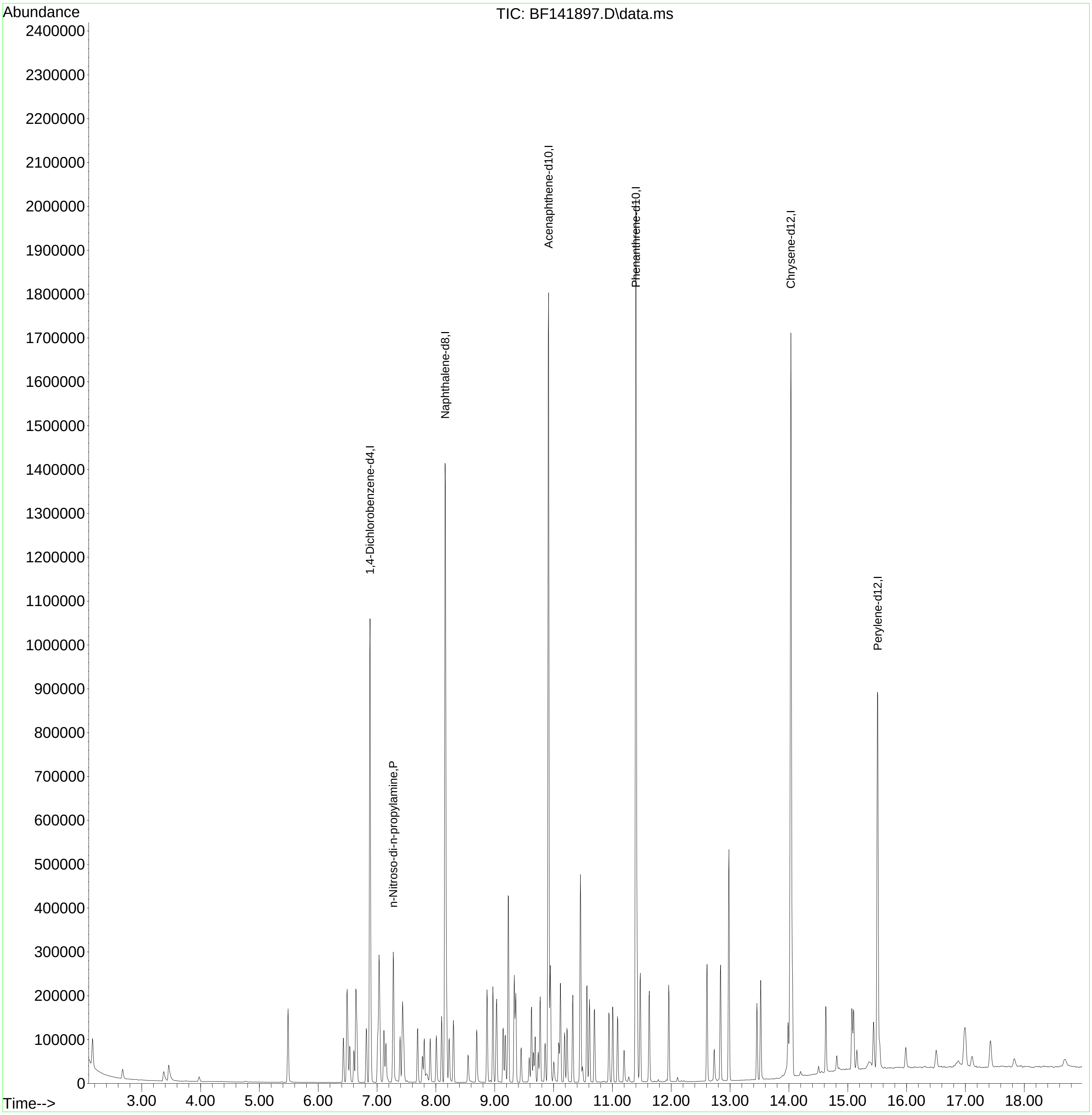
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

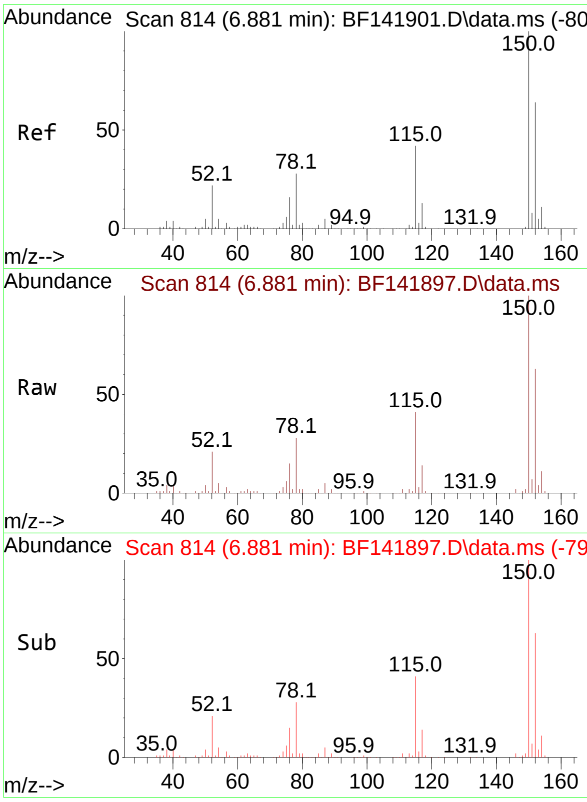
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141897.D
Acq On   : 10 Mar 2025 11:01
Operator : RC/JU
Sample   : SSTDICC2.5
Misc   :
ALS Vial : 2   Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 10 15:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



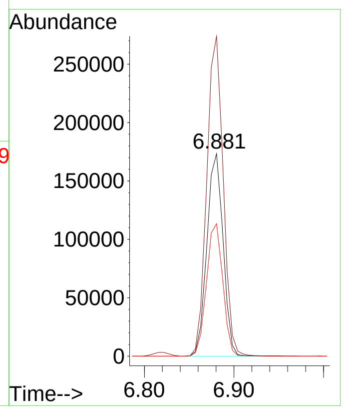
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

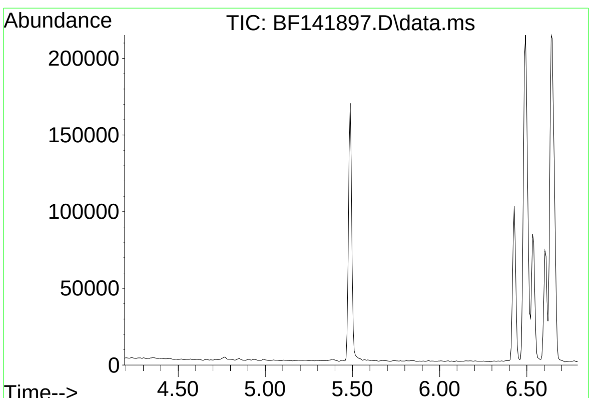


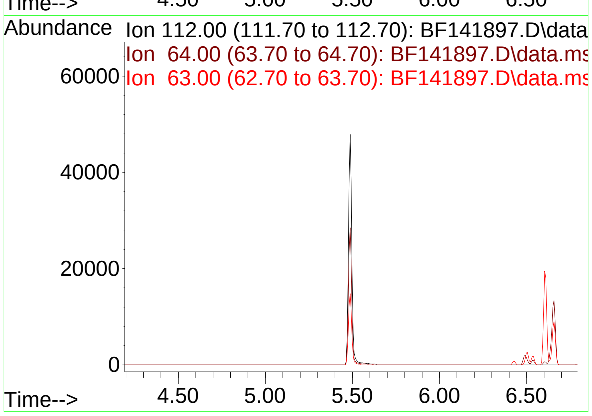
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

Tgt Ion:152 Resp: 218163

Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.4	191.2
115	65.4	51.9	77.9







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

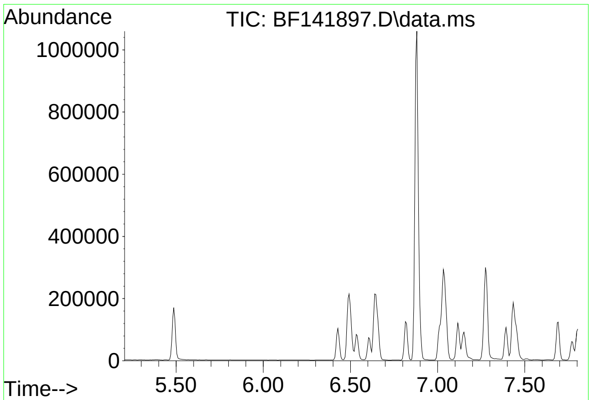
Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

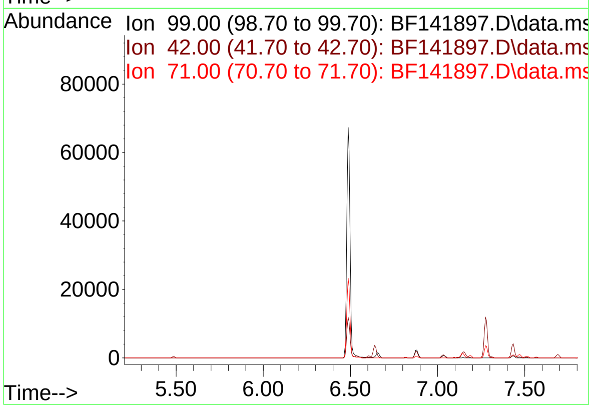
Tgt Ion: 112

Sig	Exp Ratio
112	100
64	58.1
63	31.8

ICAL Form

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



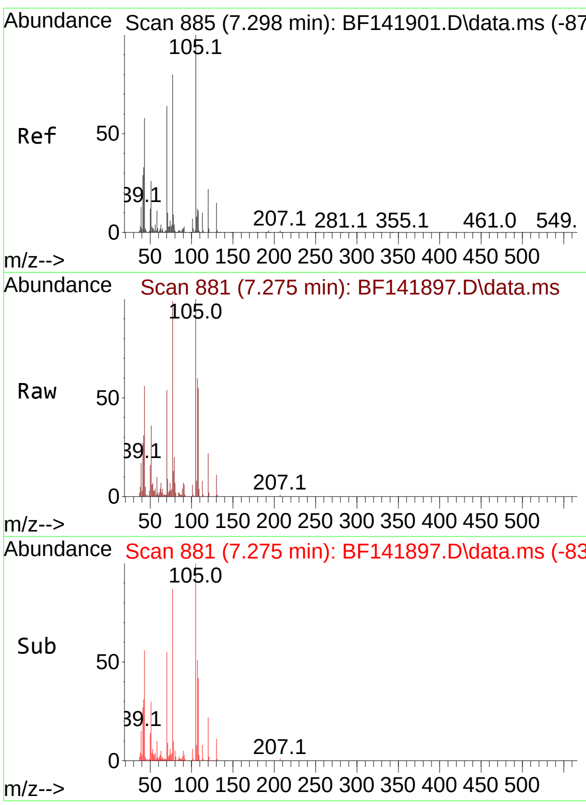


#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.50 min

Lab File: BF141897.D
Acq: 10 Mar 2025   11:01

Tgt Ion: 99

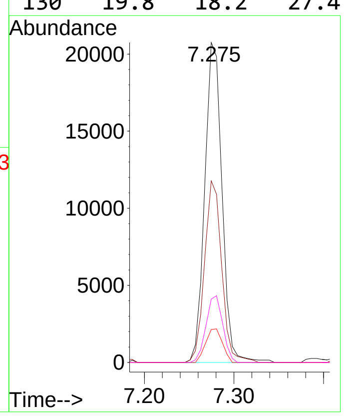
Sig	Exp Ratio
99	100
42	18.2
71	38.5



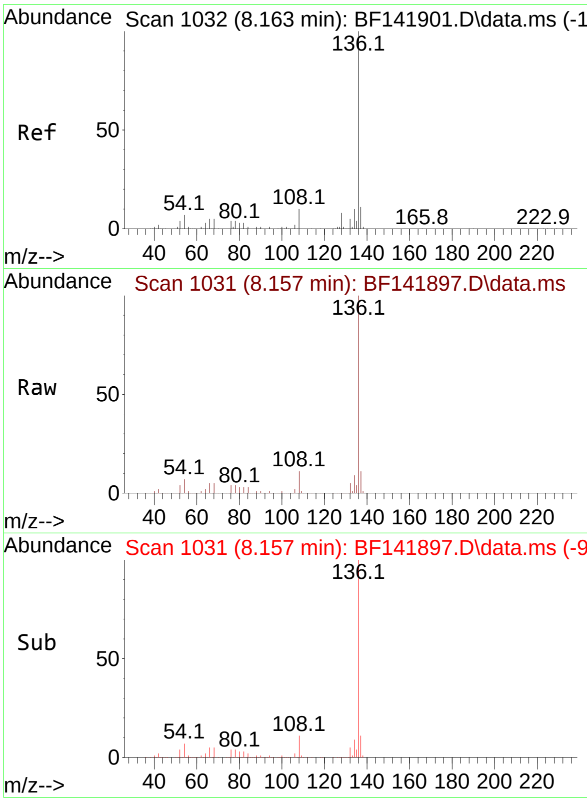
#19
n-Nitroso-di-n-propylamine
Concen: 2.599 ng
RT: 7.275 min   Scan# 881
Delta R.T.   -0.024 min
Lab File: BF141897.D
Acq: 10 Mar 2025   11:01

Tgt Ion: 70 Resp: 27816

Ion	Ratio	Lower	Upper
70	100		
42	56.8	41.4	62.0
101	10.3	8.2	12.2
130	19.8	18.2	27.4



ICAL Form

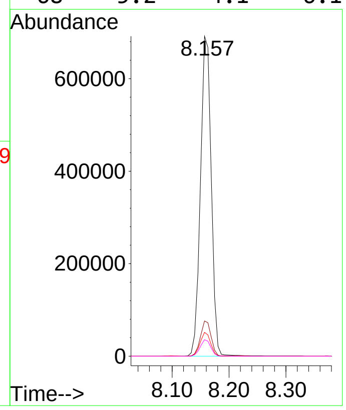


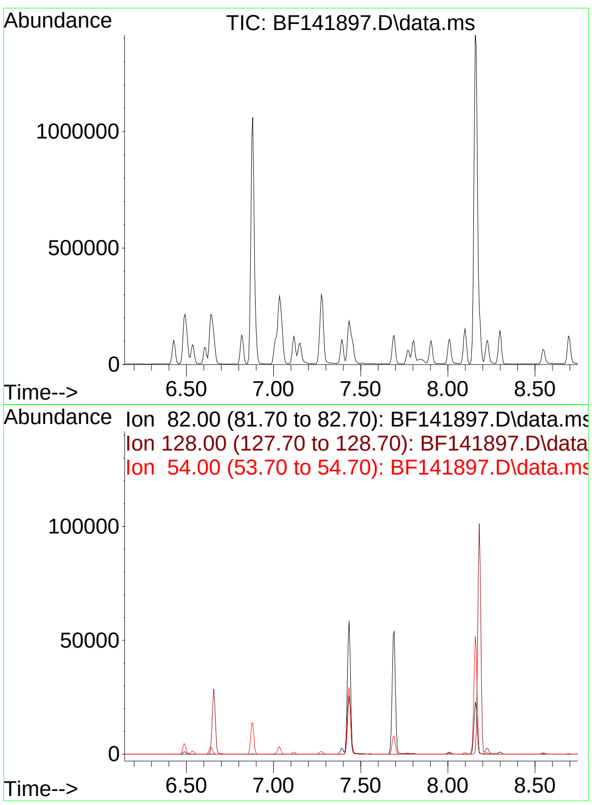
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 918034

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.5	5.8	8.8
68	5.2	4.1	6.1



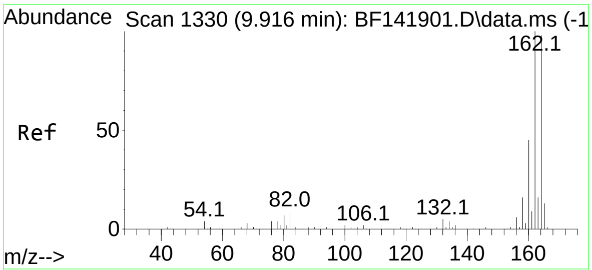


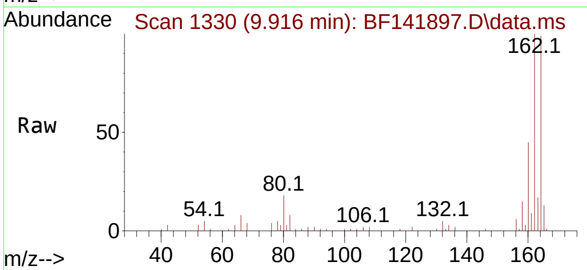
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.45 min

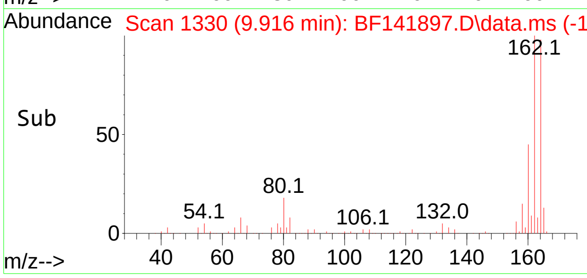
Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	45.0
54	49.5







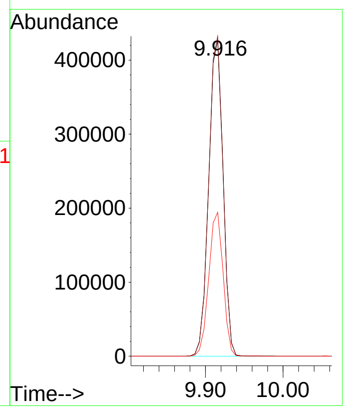
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min   Scan# 1

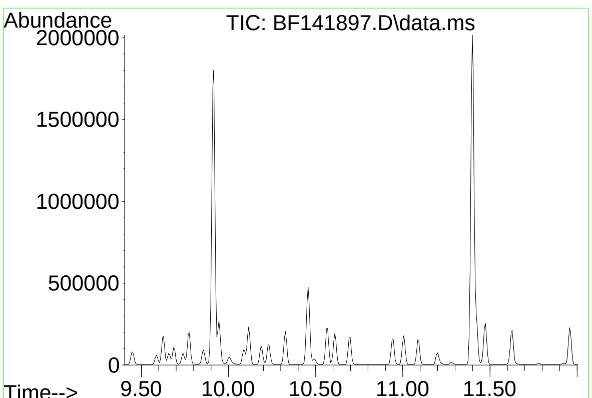
Delta R.T.   -0.000 min
Lab File: BF141897.D
Acq: 10 Mar 2025   11:01

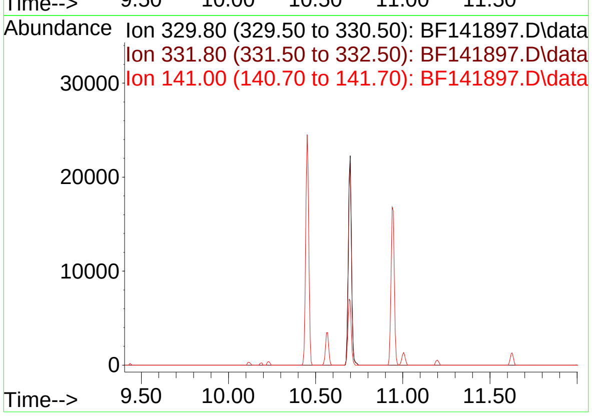
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 548310

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.8	122.6
160	45.5	36.7	55.1







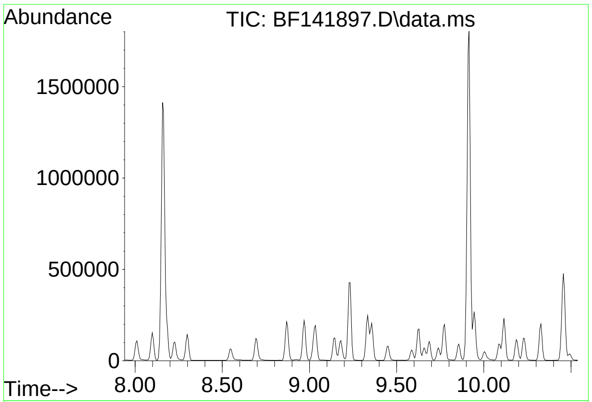
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.70 min

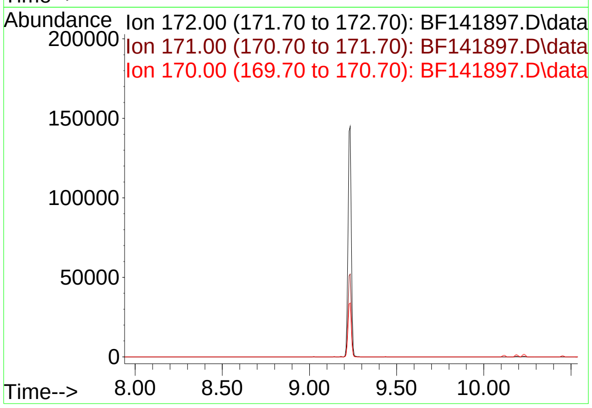
Lab File: BF141897.D
Acq: 10 Mar 2025   11:01

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.0
141	30.9

ICAL Form





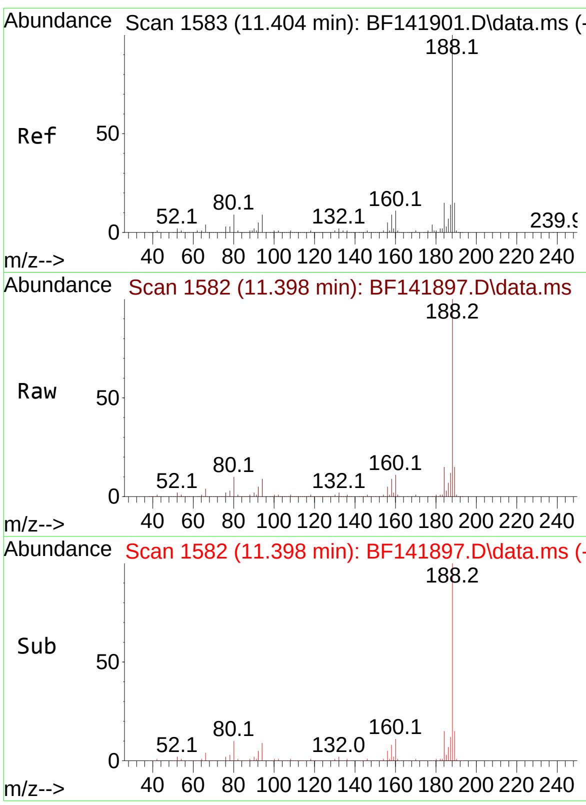
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.24 min

Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.6
170	24.2

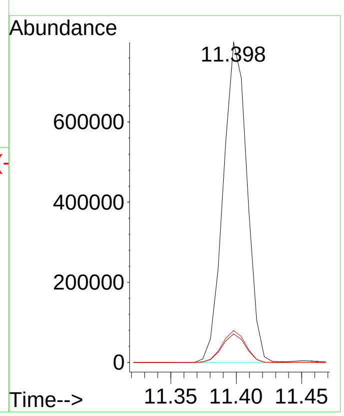
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



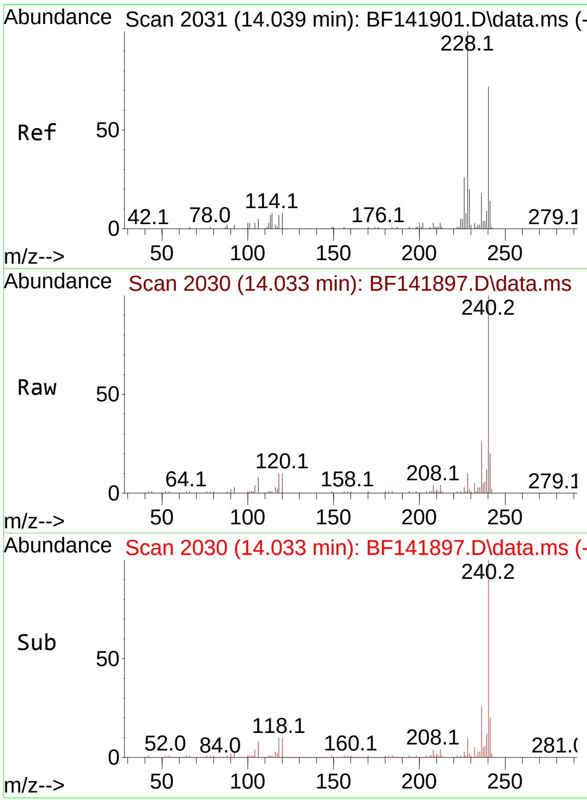
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

Tgt Ion:188 Resp: 1010378

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.8	10.2
80	10.0	7.6	11.4



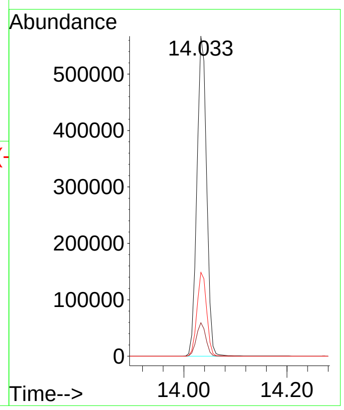
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

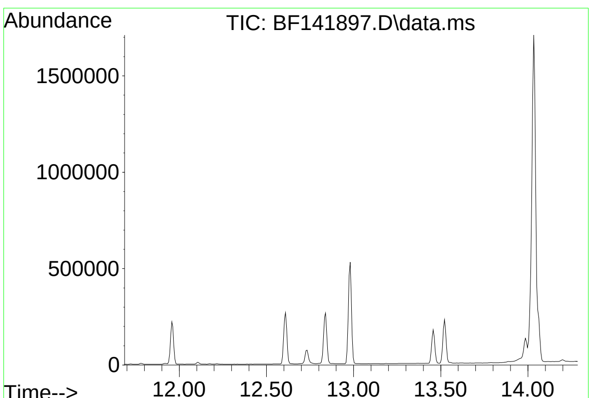


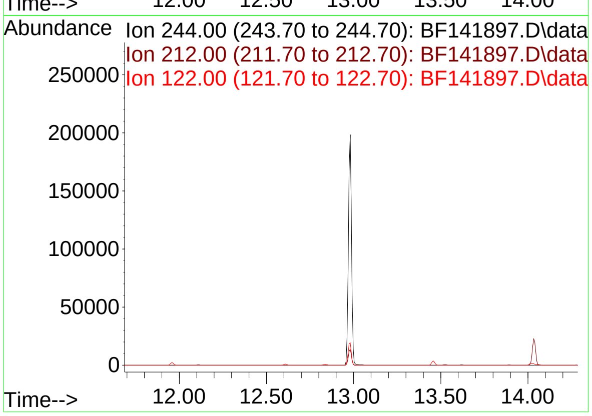
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

Tgt Ion:240 Resp: 740344

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	26.2	20.5	30.7







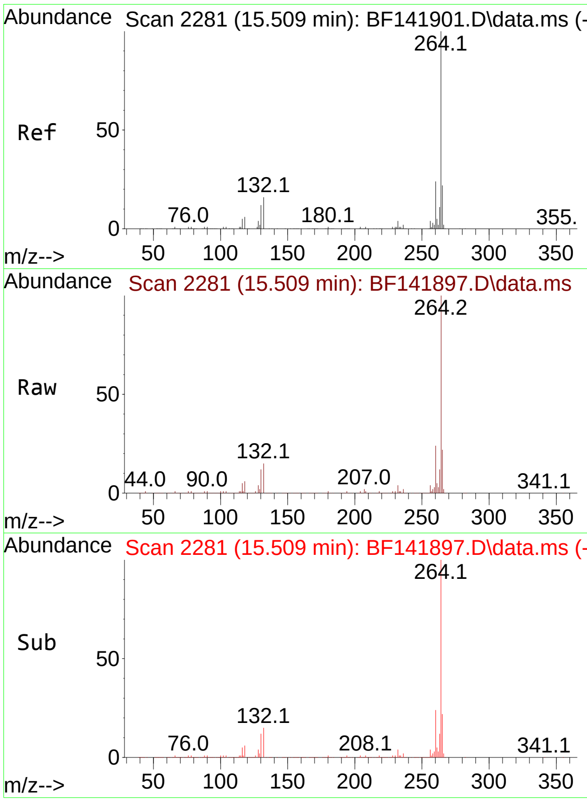
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.99 min

Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.5
122	9.6

ICAL Form

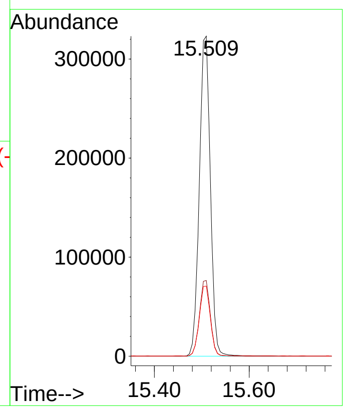


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 520745

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.9	17.5	26.3



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141898.D
Acq On : 10 Mar 2025 11:30
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Mar 10 15:32:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.881	152	230406	20.000 ng	0.00
21) Naphthalene-d8	8.157	136	926118	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	546702	20.000 ng	0.00
64) Phenanthrene-d10	11.398	188	1002901	20.000 ng	0.00
76) Chrysene-d12	14.033	240	745624	20.000 ng	0.00
86) Perylene-d12	15.504	264	527129	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.487	112	145959	10.570 ng	0.00
7) Phenol-d6	6.486	99	186951	10.630 ng	-0.02
23) Nitrobenzene-d5	7.433	82	159777	9.670 ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	63996	9.238 ng	0.00
45) 2-Fluorobiphenyl	9.233	172	390913	10.888 ng	0.00
79) Terphenyl-d14	12.980	244	500607	9.924 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.675	88	28210	4.874 ng	99
3) Pyridine	3.451	79	70090	4.928 ng	99
4) n-Nitrosodimethylamine	3.369	42	31893	4.717 ng	# 99
6) Aniline	6.534	93	92116	5.305 ng	100
8) 2-Chlorophenol	6.657	128	81845	5.347 ng	98
10) Phenol	6.504	94	98369	5.301 ng	96
11) bis(2-Chloroethyl)ether	6.604	93	74158	5.334 ng	98
12) 1,3-Dichlorobenzene	6.816	146	84952	5.136 ng	100
13) 1,4-Dichlorobenzene	6.898	146	87237	5.213 ng	98
14) 1,2-Dichlorobenzene	7.045	146	84183	5.342 ng	99
15) Benzyl Alcohol	7.010	79	71182	5.000 ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	91659	5.470 ng	97
17) 2-Methylphenol	7.116	107	62211	5.114 ng	99
18) Hexachloroethane	7.392	117	31373	5.000 ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	58981	5.218 ng	98
20) 3+4-Methylphenols	7.269	107	83461	5.349 ng	97
22) Acetophenone	7.281	105	119040	5.358 ng	99
24) Nitrobenzene	7.451	77	80338	4.904 ng	99
25) Isophorone	7.692	82	149807	5.135 ng	99
26) 2-Nitrophenol	7.775	139	34757	4.329 ng	98
27) 2,4-Dimethylphenol	7.804	122	57106	5.164 ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	95214	5.210 ng	97
29) 2,4-Dichlorophenol	8.010	162	67710	4.934 ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	78127	5.160 ng	98
31) Naphthalene	8.180	128	255632	5.388 ng	98
33) 4-Chloroaniline	8.228	127	88635	5.294 ng	99
34) Hexachlorobutadiene	8.298	225	48885	4.966 ng	99
35) Caprolactam	8.557	113	21358	5.118 ng	94
36) 4-Chloro-3-methylphenol	8.692	107	77370	5.070 ng	99
37) 2-Methylnaphthalene	8.869	142	172734	5.427 ng	99
38) 1-Methylnaphthalene	8.969	142	166050	5.387 ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	84034	5.041 ng	99
41) Hexachlorocyclopentadiene	9.022	237	27931	4.246 ng	96
43) 2,4,6-Trichlorophenol	9.145	196	52998	4.877 ng	99
44) 2,4,5-Trichlorophenol	9.180	196	54111	4.901 ng	97
46) 1,1'-Biphenyl	9.333	154	223637	5.395 ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141898.D
Acq On : 10 Mar 2025 11:30
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Mar 10 15:32:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47)	2-Chloronaphthalene	9.357	162	163642	5.298	ng	97
48)	2-Nitroaniline	9.451	65	40475	4.561	ng	98
49)	Acenaphthylene	9.774	152	241253	5.268	ng	99
50)	Dimethylphthalate	9.627	163	202373	5.328	ng	100
51)	2,6-Dinitrotoluene	9.686	165	37796	4.785	ng	99
52)	Acenaphthene	9.945	154	168975	5.225	ng	98
53)	3-Nitroaniline	9.857	138	39761	4.902	ng	98
55)	Dibenzofuran	10.116	168	252715	5.481	ng	97
56)	4-Nitrophenol	10.004	139	26252	4.309	ng	99
57)	2,4-Dinitrotoluene	10.092	165	49913	4.800	ng	98
58)	Fluorene	10.457	166	197266	5.542	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.233	232	48472	4.839	ng	98
60)	Diethylphthalate	10.327	149	201554	5.286	ng	99
61)	4-Chlorophenyl-phenyle...	10.451	204	99747	5.380	ng	98
62)	4-Nitroaniline	10.463	138	38863	4.945	ng	94
63)	Azobenzene	10.610	77	190233	5.370	ng	98
66)	n-Nitrosodiphenylamine	10.569	169	169225	5.223	ng	98
67)	4-Bromophenyl-phenylether	10.945	248	60238	4.823	ng	98
68)	Hexachlorobenzene	11.004	284	65620	4.753	ng	98
69)	Atrazine	11.092	200	54251	6.867	ng	98
70)	Pentachlorophenol	11.198	266	32716	3.843	ng	100
71)	Phenanthrene	11.421	178	289580	5.340	ng	98
72)	Anthracene	11.474	178	294198	5.407	ng	98
73)	Carbazole	11.627	167	249634	5.329	ng	99
74)	Di-n-butylphthalate	11.957	149	330999	5.352	ng	99
75)	Fluoranthene	12.610	202	309273	5.432	ng	99
77)	Benzidine	12.733	184	64673	6.138	ng	99
78)	Pyrene	12.839	202	315969	4.941	ng	99
80)	Butylbenzylphthalate	13.457	149	117256	4.653	ng	99
81)	Benzo(a)anthracene	14.021	228	255308	5.205	ng	100
82)	3,3'-Dichlorobenzidine	13.986	252	68969	4.865	ng	100
83)	Chrysene	14.062	228	213144	4.837	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.015	149	167165	4.836	ng	99
85)	Di-n-octyl phthalate	14.627	149	213395	4.435	ng	99
87)	Indeno(1,2,3-cd)pyrene	16.980	276	144536	4.228	ng	99
88)	Benzo(b)fluoranthene	15.068	252	187154	5.234	ng	99
89)	Benzo(k)fluoranthene	15.098	252	153142	4.903	ng	99
90)	Benzo(a)pyrene	15.439	252	137043	4.860	ng	99
91)	Dibenzo(a,h)anthracene	16.998	278	119937	4.252	ng	99
92)	Benzo(g,h,i)perylene	17.427	276	120142	4.294	ng	99

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

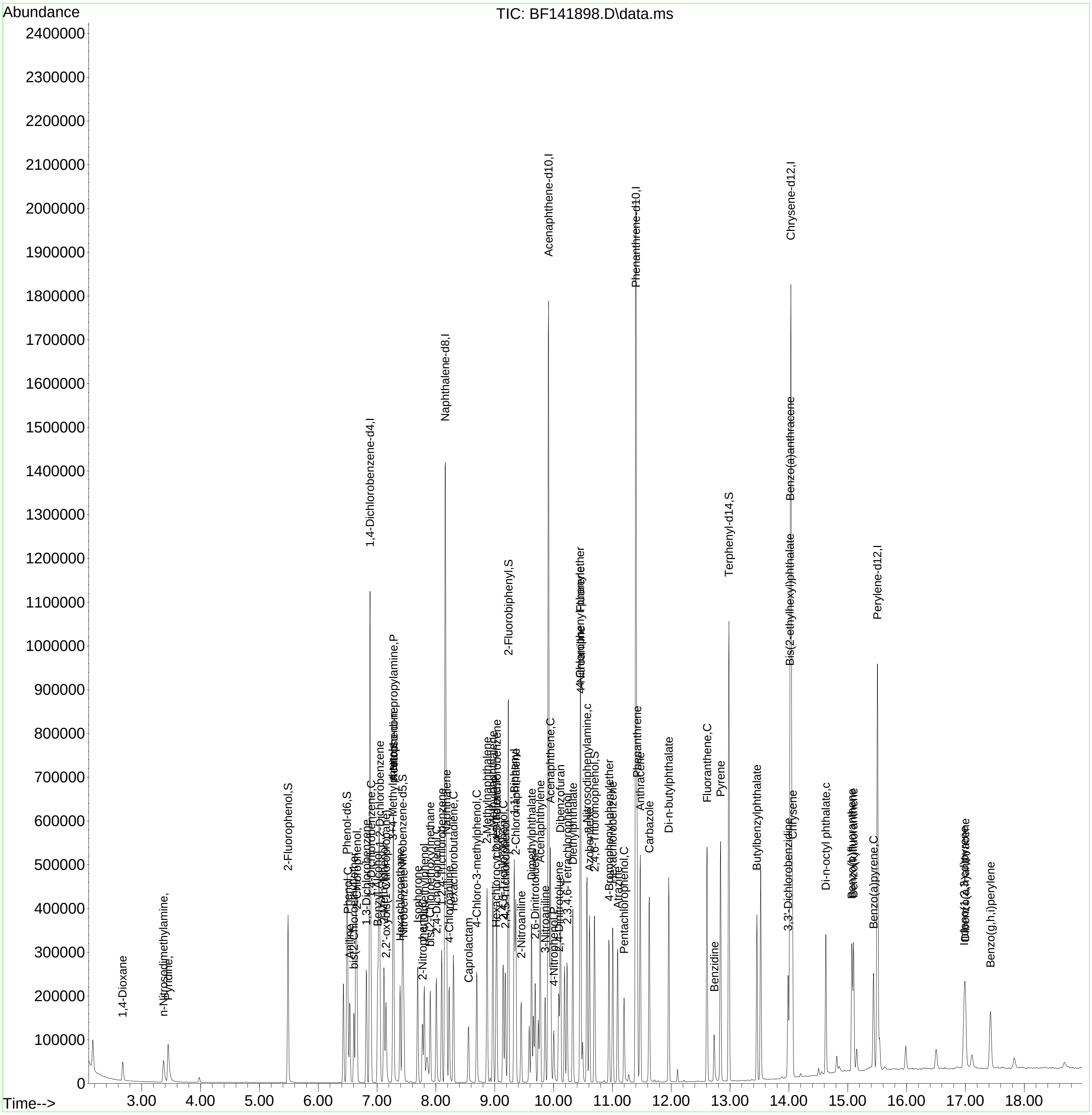
Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141898.D
Acq On : 10 Mar 2025 11:30
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

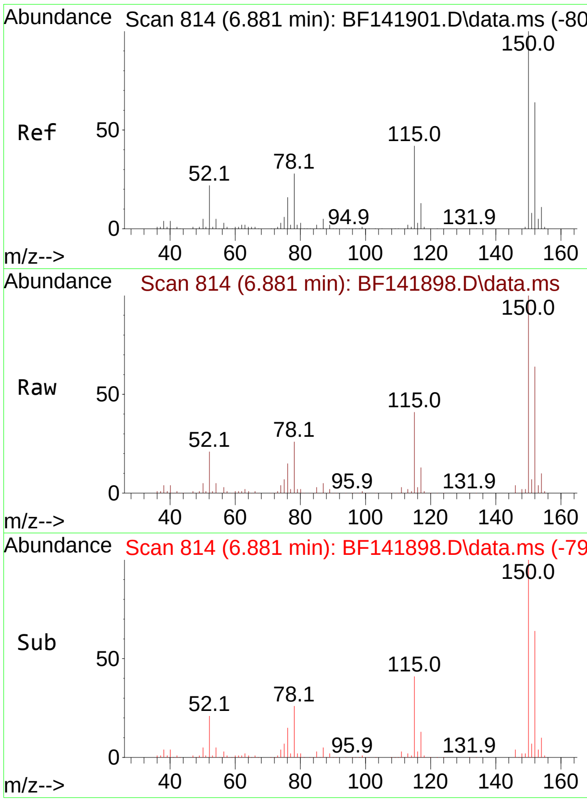
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Mar 10 15:32:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



ICAL Form

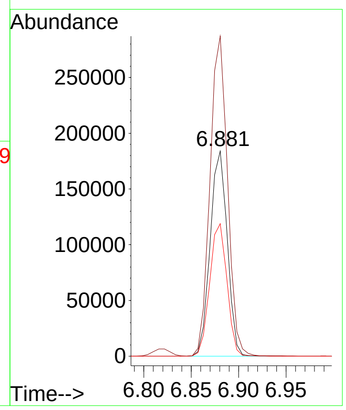
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

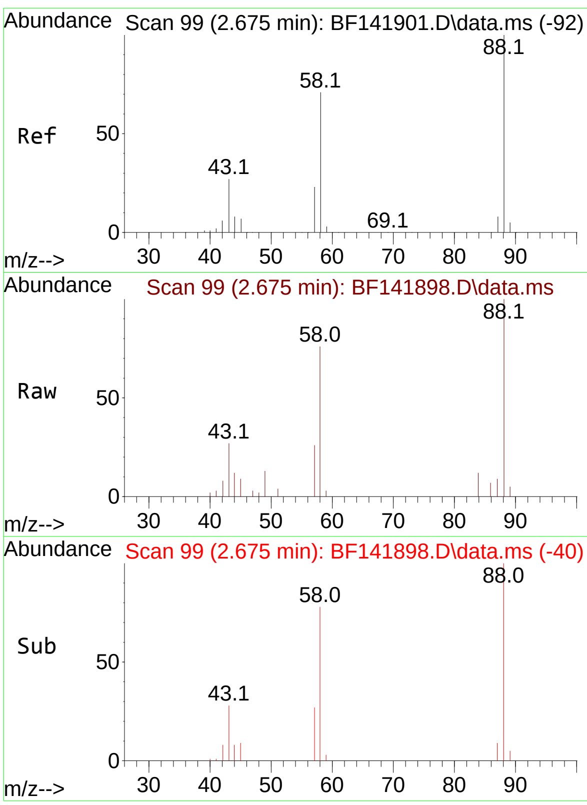


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:152 Resp: 230406

Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.4	191.2
115	64.6	51.9	77.9

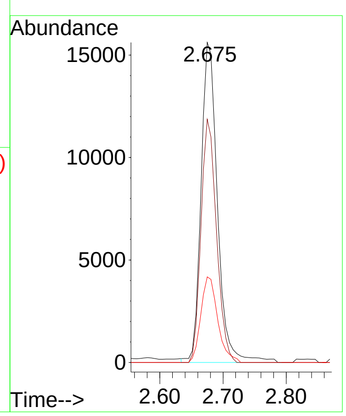




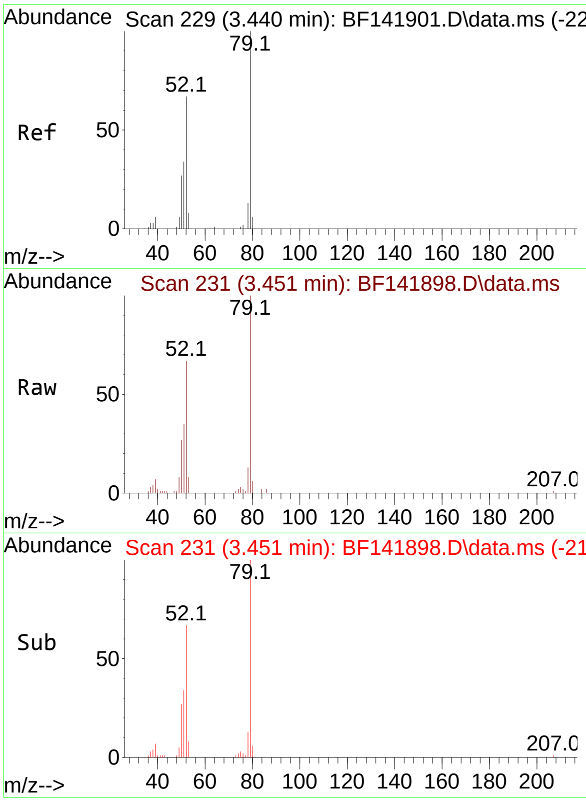
#2
1,4-Dioxane
Concen: 4.874 ng
RT: 2.675 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 88 Resp: 28210

Ion	Ratio	Lower	Upper
88	100		
58	71.4	57.4	86.2
43	27.5	21.5	32.3



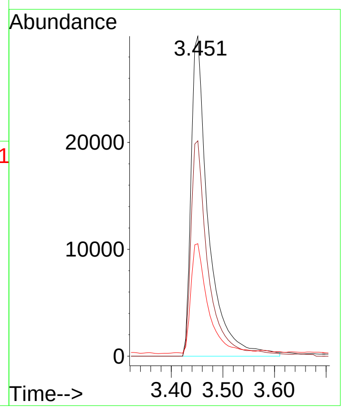
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

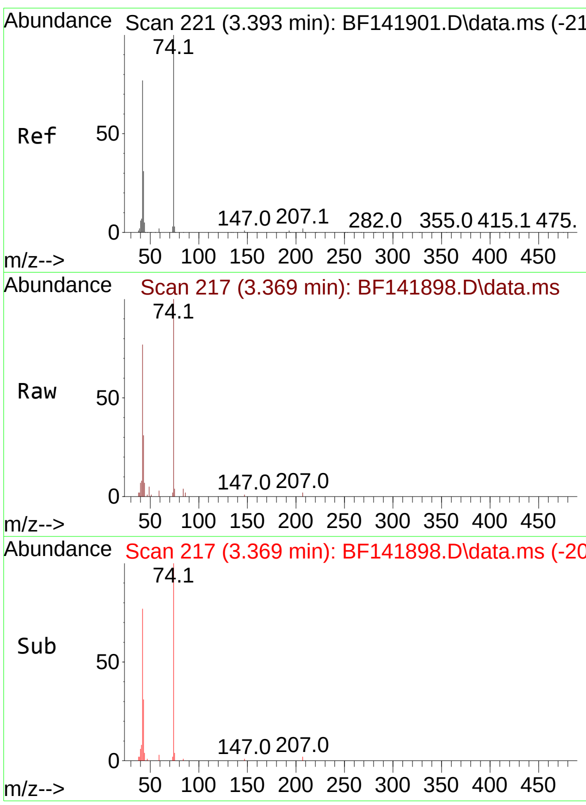


#3
Pyridine
Concen: 4.928 ng
RT: 3.451 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 79 Resp: 70090

Ion	Ratio	Lower	Upper
79	100		
52	67.3	53.3	79.9
51	35.2	27.6	41.4

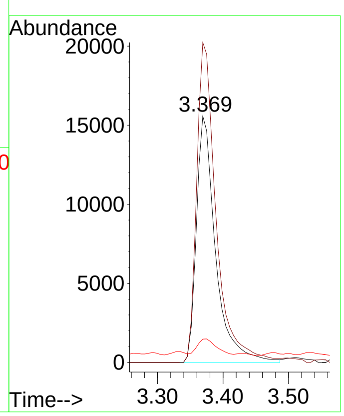




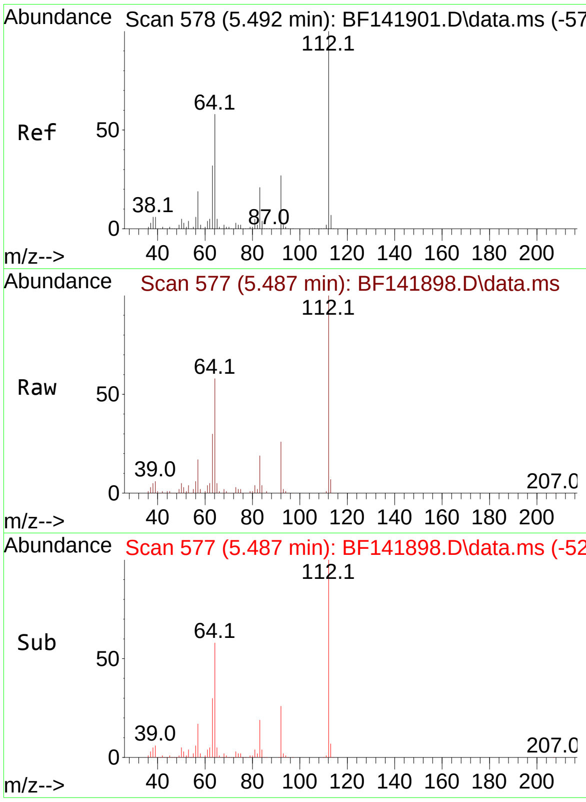
#4
n-Nitrosodimethylamine
Concen: 4.717 ng
RT: 3.369 min Scan# 217
Delta R.T. -0.024 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 42 Resp: 31893

Ion	Ratio	Lower	Upper
42	100		
74	129.9	103.4	155.0
44	9.5	5.0	7.4#



ICAL Form

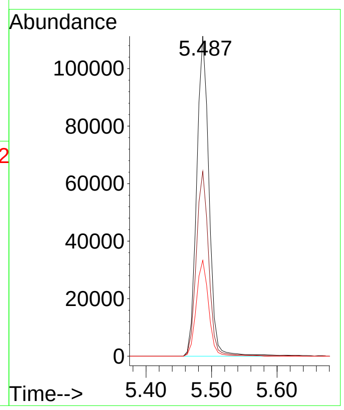


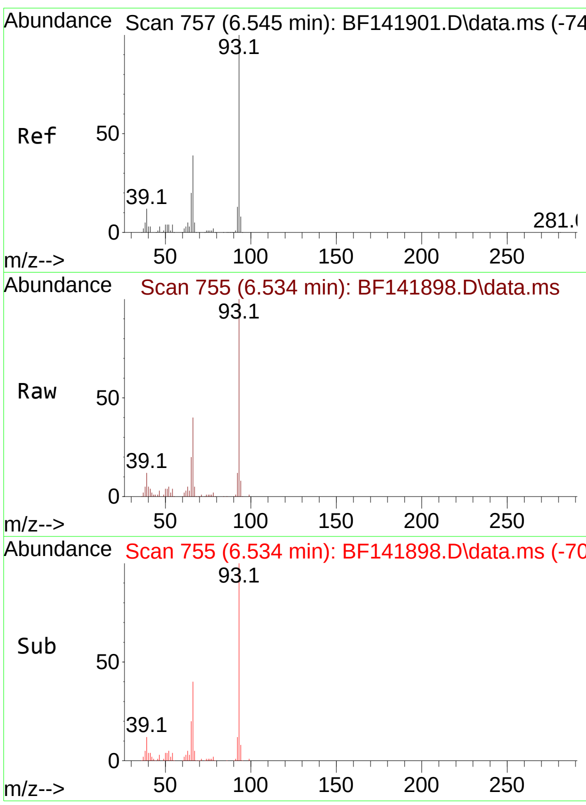
#5
2-Fluorophenol
Concen: 10.570 ng
RT: 5.487 min Scan# 57
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 145959

Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.5	69.7
63	29.9	25.4	38.2

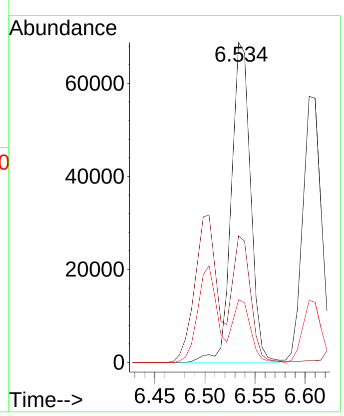




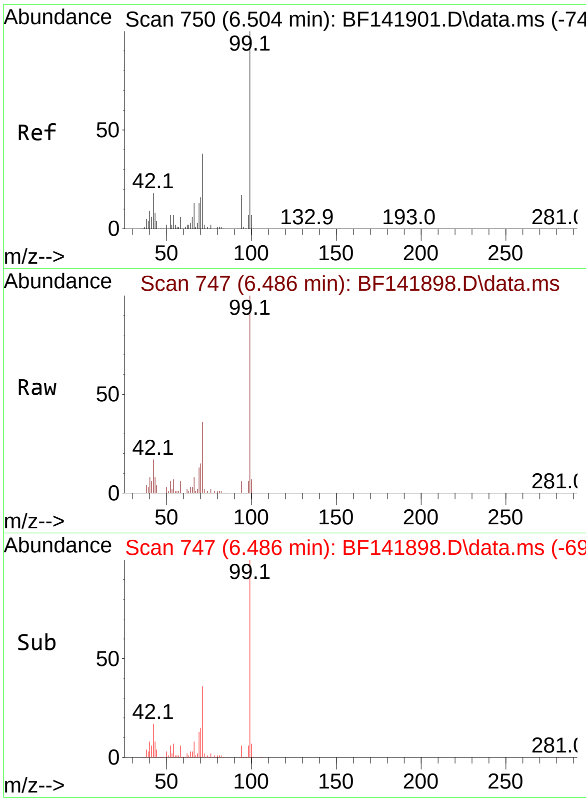
#6
Aniline
Concen: 5.305 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 93 Resp: 92116

Ion	Ratio	Lower	Upper
93	100		
66	39.6	31.9	47.9
65	19.6	15.8	23.6



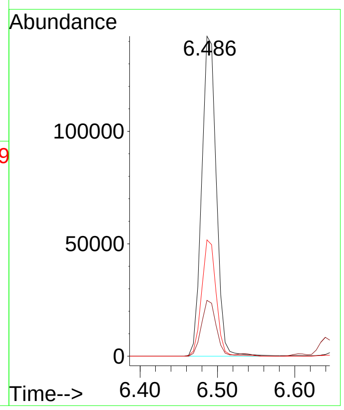
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

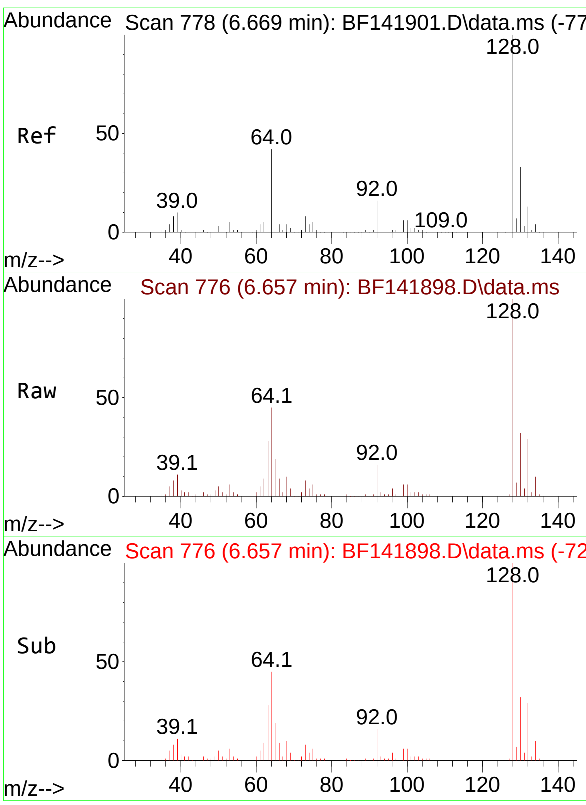


#7
Phenol-d6
Concen: 10.630 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 99 Resp: 186951

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	21.8
71	36.4	30.8	46.2

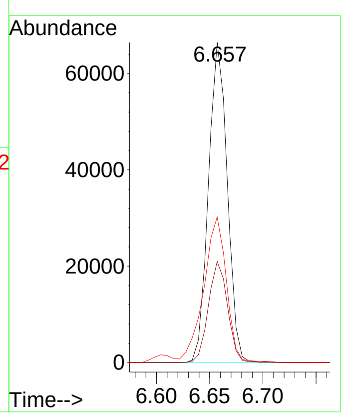




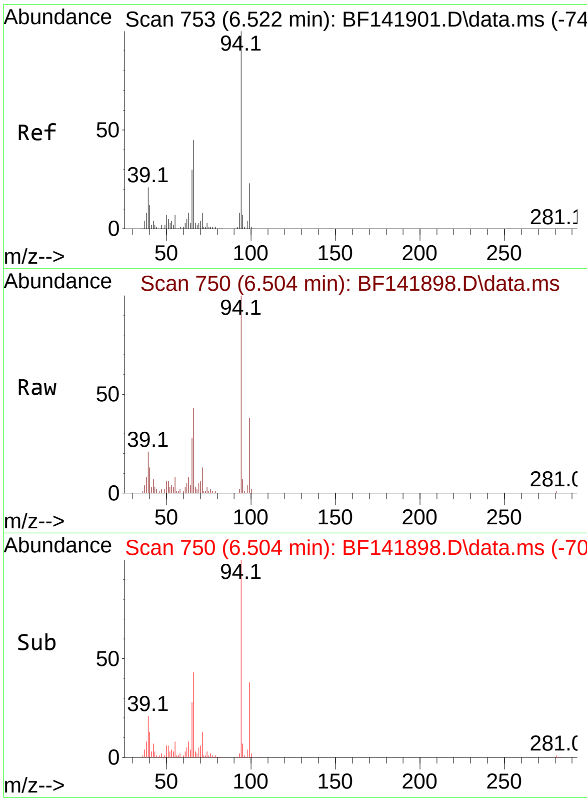
#8
2-Chlorophenol
Concen: 5.347 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:128 Resp: 81845

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.8	52.8
64	45.5	24.4	64.4



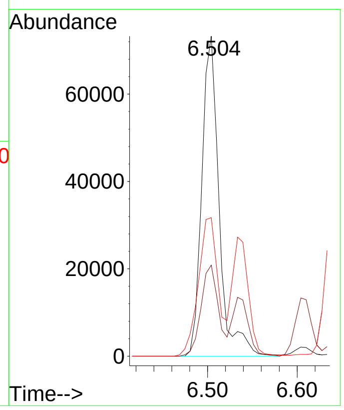
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

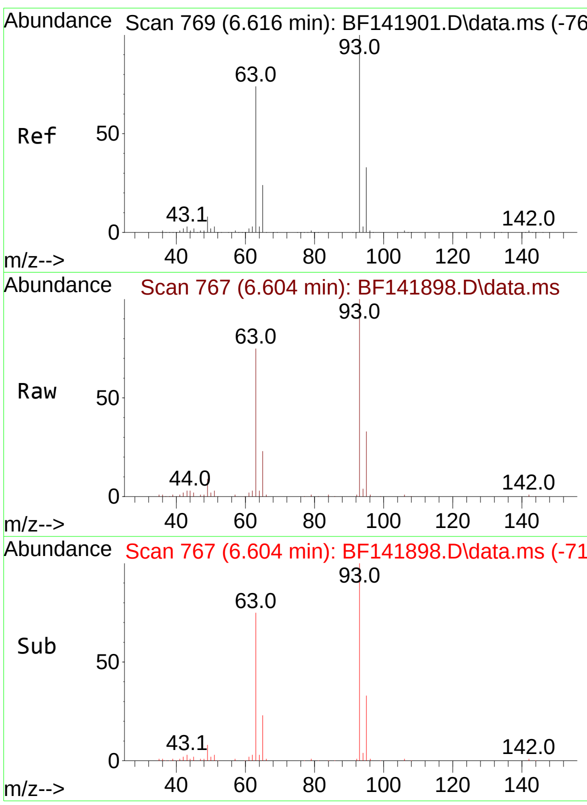


#10
Phenol
Concen: 5.301 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 94 Resp: 98369

Ion	Ratio	Lower	Upper
94	100		
65	28.4	10.5	50.5
66	43.3	25.8	65.8

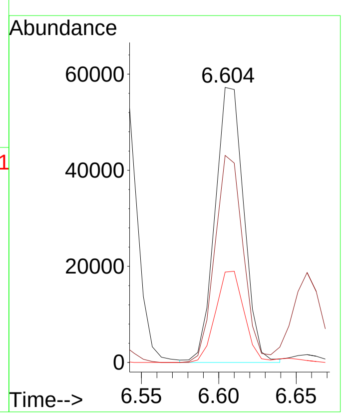




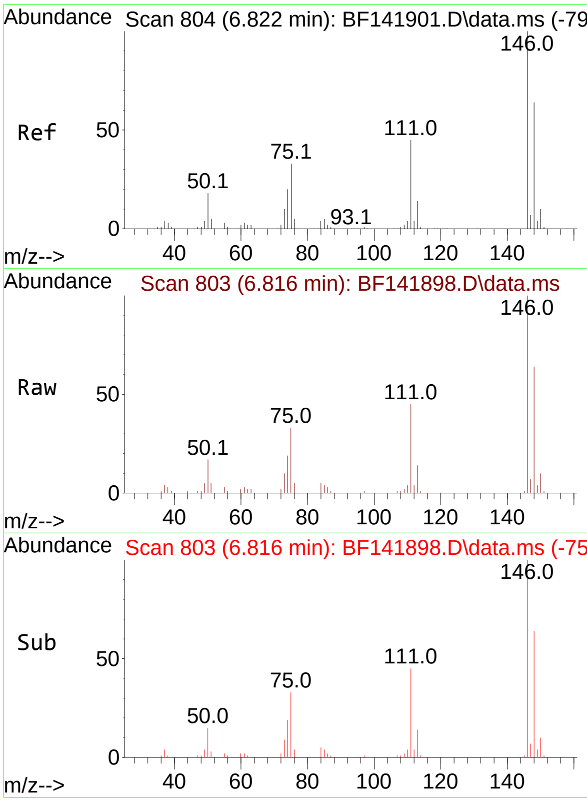
#11
bis(2-Chloroethyl)ether
Concen: 5.334 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 93 Resp: 74158

Ion	Ratio	Lower	Upper
93	100		
63	75.3	53.0	93.0
95	32.9	12.9	52.9



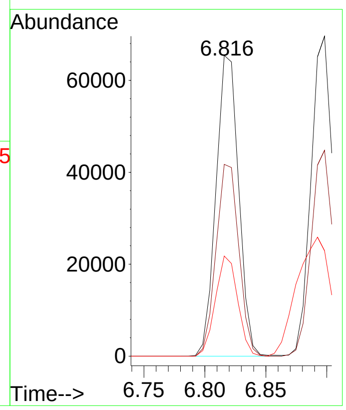
Instrument : BNA_F
ClientSampleId : SSTDICC005

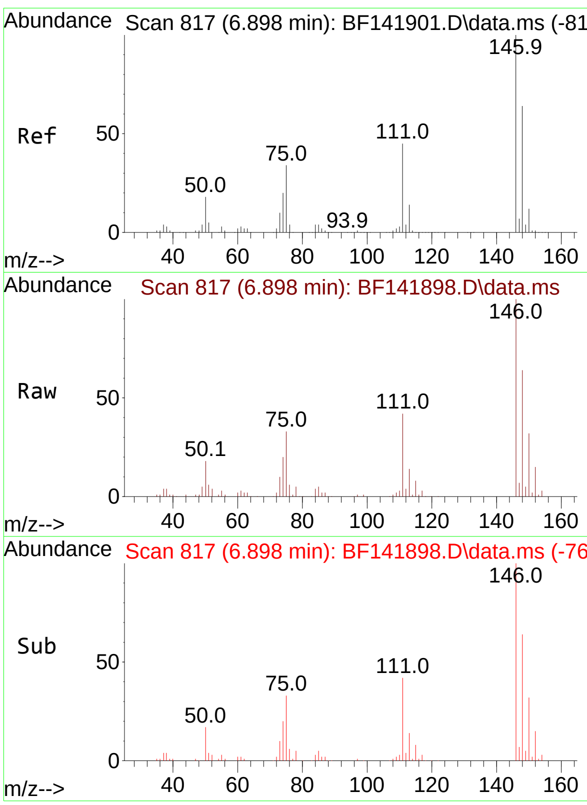


#12
1,3-Dichlorobenzene
Concen: 5.136 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:146 Resp: 84952

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
75	33.3	26.6	40.0

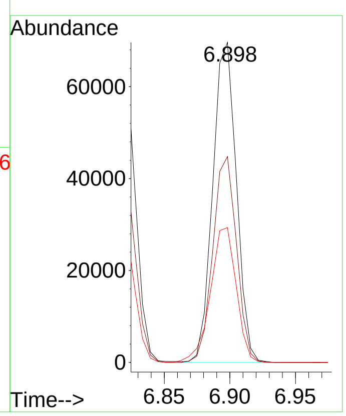




#13
1,4-Dichlorobenzene
Concen: 5.213 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

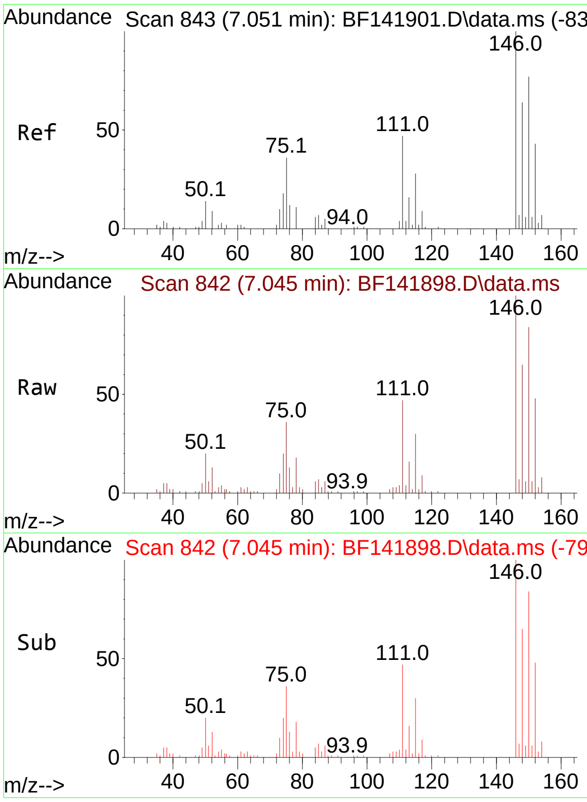
Tgt Ion:146 Resp: 87237

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
111	42.2	35.7	53.5



ICAL Form

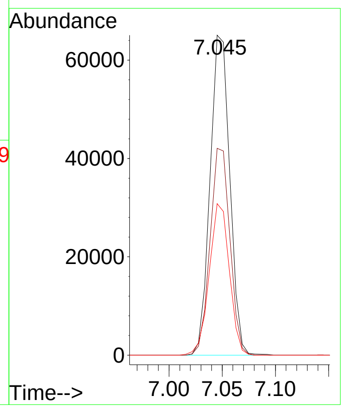
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

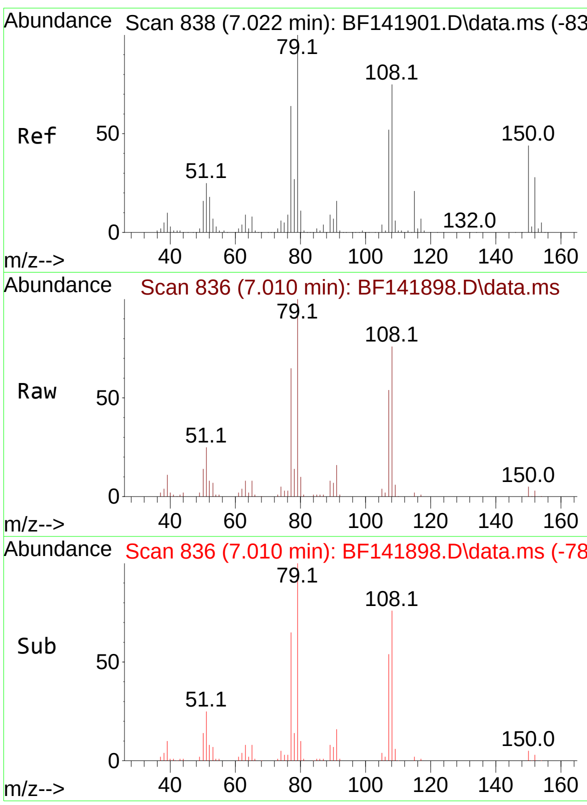


#14
1,2-Dichlorobenzene
Concen: 5.342 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:146 Resp: 84183

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	47.4	38.0	57.0

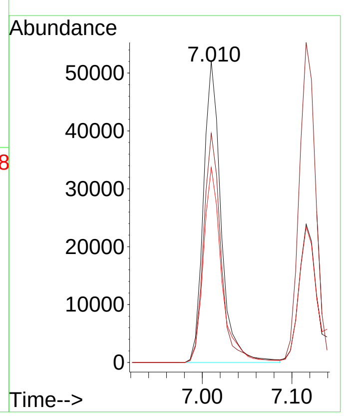




#15
Benzyl Alcohol
Concen: 5.000 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

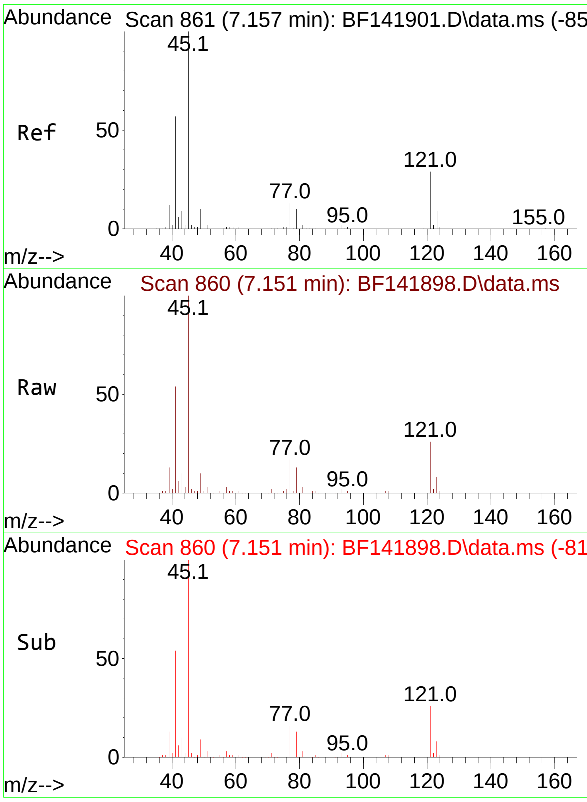
Tgt Ion: 79 Resp: 71182

Ion	Ratio	Lower	Upper
79	100		
108	76.1	59.7	89.5
77	64.8	51.0	76.6



ICAL Form

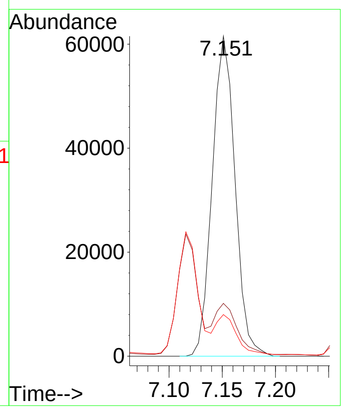
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

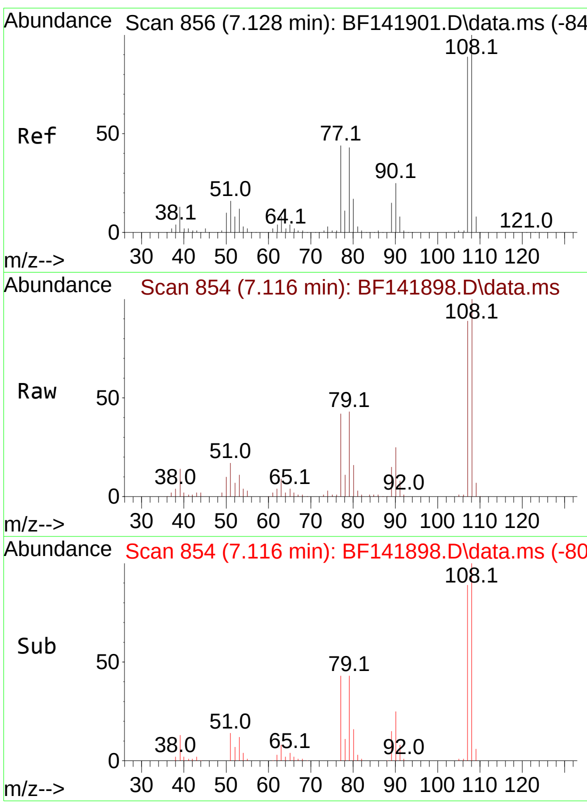


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.470 ng
RT: 7.151 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 45 Resp: 91659

Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	37.8
79	13.0	0.0	34.2

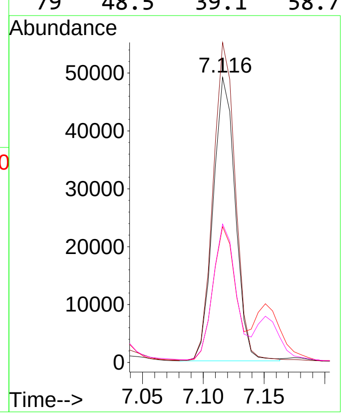




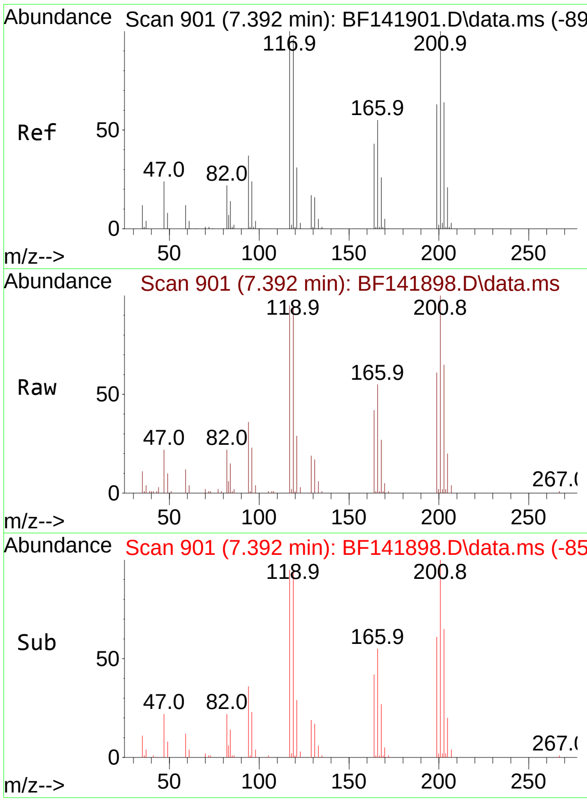
#17
2-Methylphenol
Concen: 5.114 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:107 Resp: 62211

Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.2	135.2
77	47.6	39.6	59.4
79	48.5	39.1	58.7



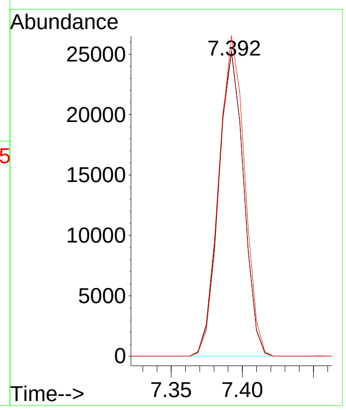
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

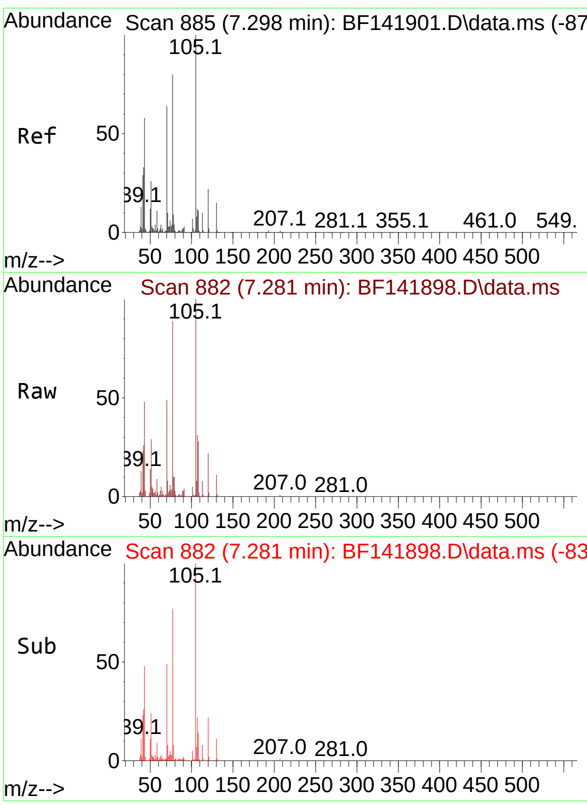


#18
Hexachloroethane
Concen: 5.000 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:117 Resp: 31373

Ion	Ratio	Lower	Upper
117	100		
119	99.3	76.9	115.3
201	104.7	79.9	119.9

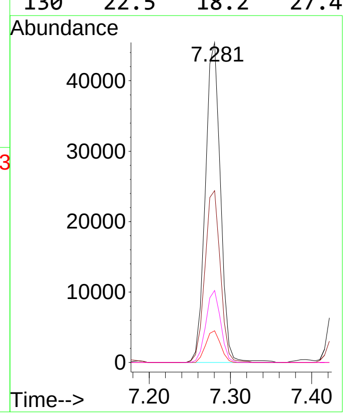




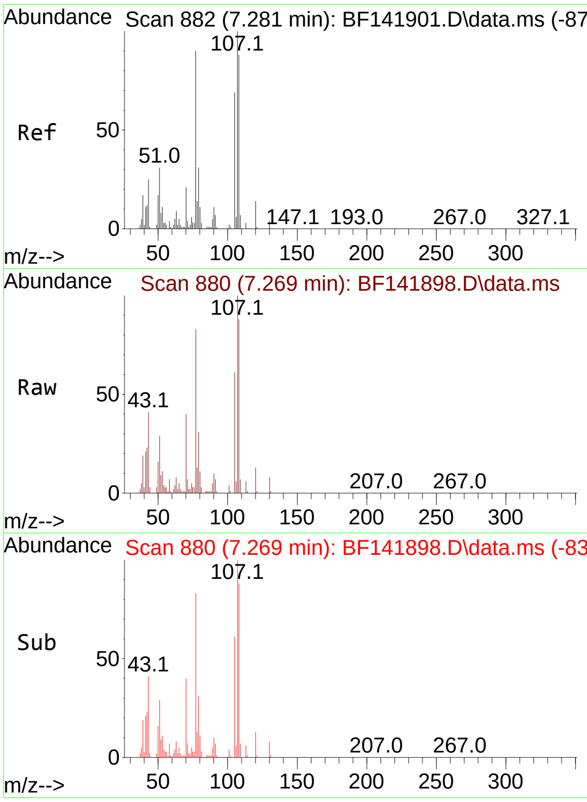
#19
n-Nitroso-di-n-propylamine
Concen: 5.218 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.018 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 70 Resp: 58981

Ion	Ratio	Lower	Upper
70	100		
42	53.7	41.4	62.0
101	9.9	8.2	12.2
130	22.5	18.2	27.4



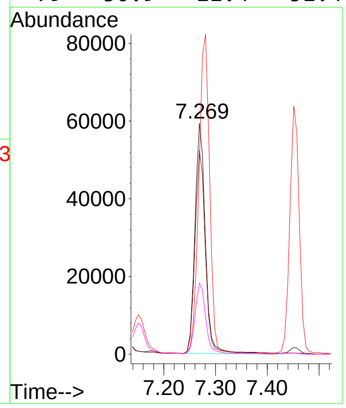
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

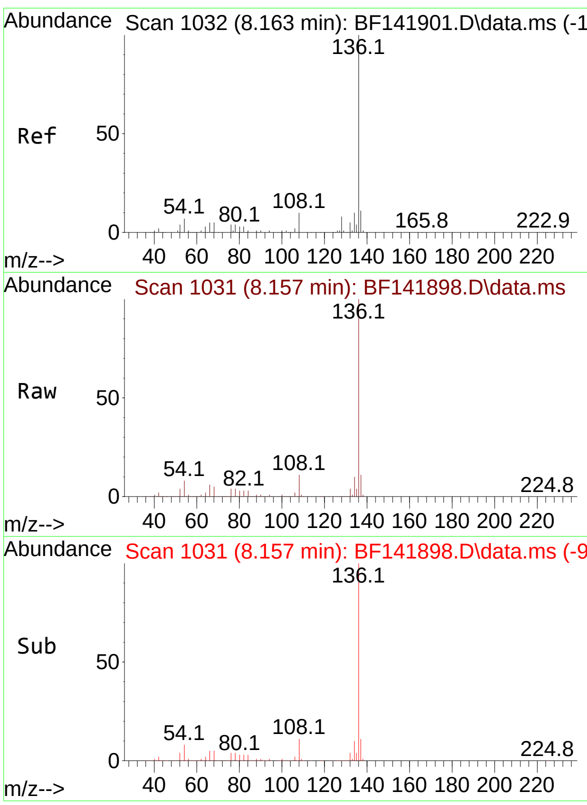


#20
3+4-Methylphenols
Concen: 5.349 ng
RT: 7.269 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:107 Resp: 83461

Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.4	108.4
77	83.1	69.7	109.7
79	30.9	11.4	51.4

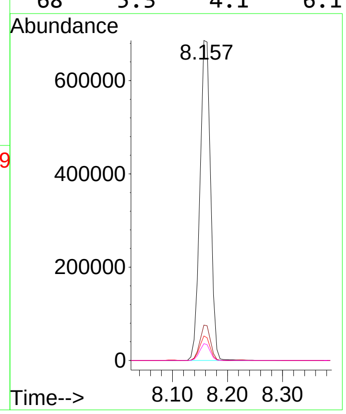




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

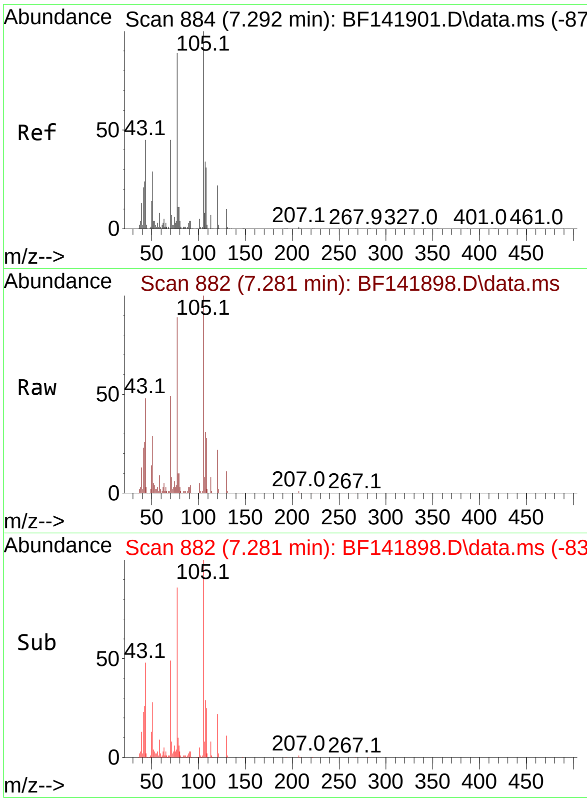
Tgt Ion:136 Resp: 926118

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	5.8	8.8
68	5.3	4.1	6.1

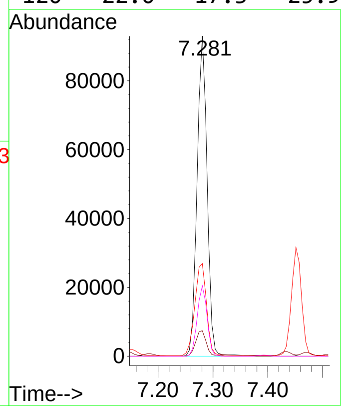


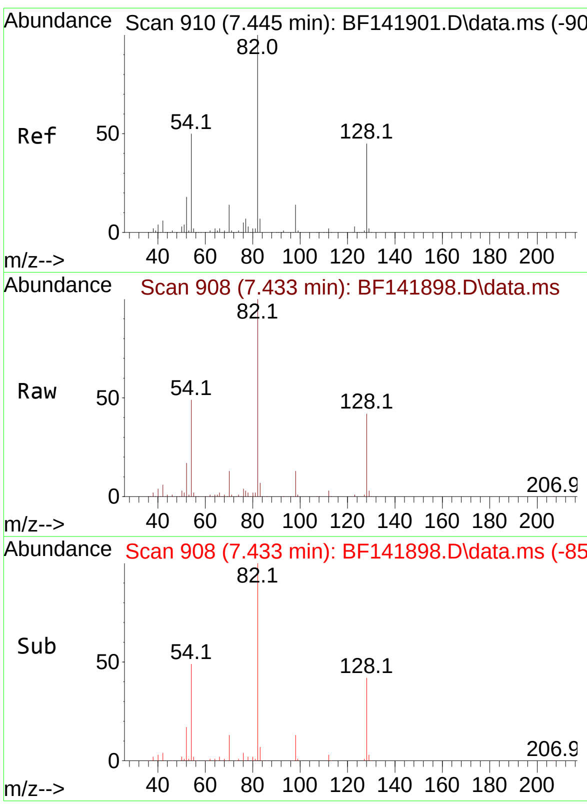
ICAL Form

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

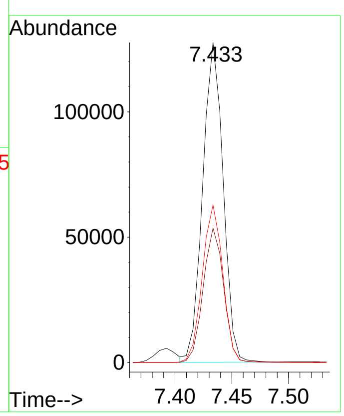



```
#22
Acetophenone
Concen:     5.358 ng
RT:    7.281 min   Scan# 8
Delta R.T.   -0.012 min
Lab File:    BF141898.D
Acq: 10 Mar 2025   11:30

Tgt Ion:105 Resp:   119040
Ion   Ratio   Lower   Upper
105   100
 71     8.0     5.8     8.8
 51    29.0    23.4    35.0
120    22.0    17.3    25.9
```



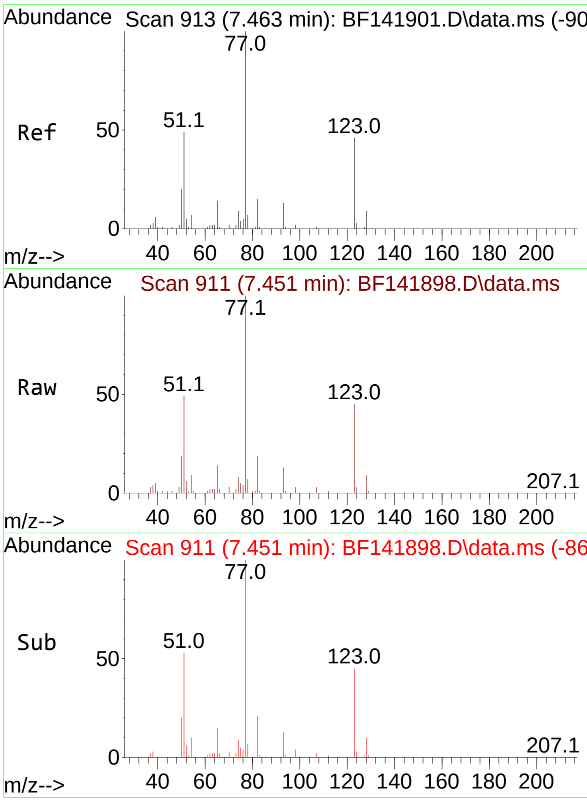



```
#23
Nitrobenzene-d5
Concen:     9.670 ng
RT:    7.433 min   Scan# 908
Delta R.T.   -0.012 min
Lab File:    BF141898.D
Acq: 10 Mar 2025   11:30

Tgt Ion: 82 Resp:   159777
Ion   Ratio   Lower   Upper
 82   100
128    42.0    36.0    54.0
 54    49.2    39.6    59.4
```



ICAL Form

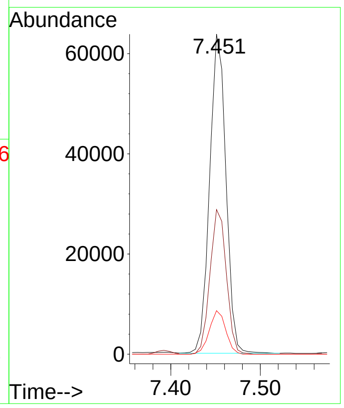
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

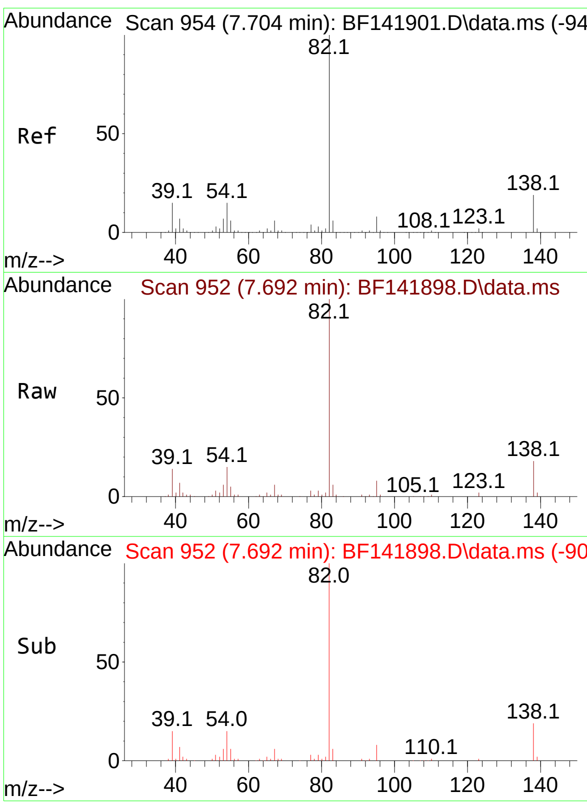


#24
Nitrobenzene
Concen: 4.904 ng
RT: 7.451 min Scan# 9
Delta R.T.   -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 77 Resp: 80338

Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.0	55.4
65	13.6	11.3	16.9

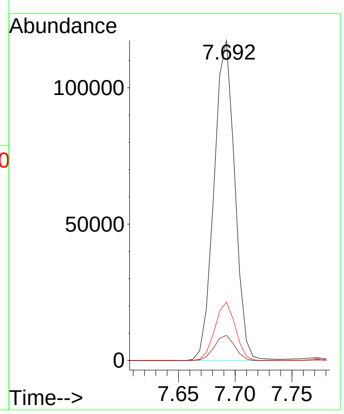


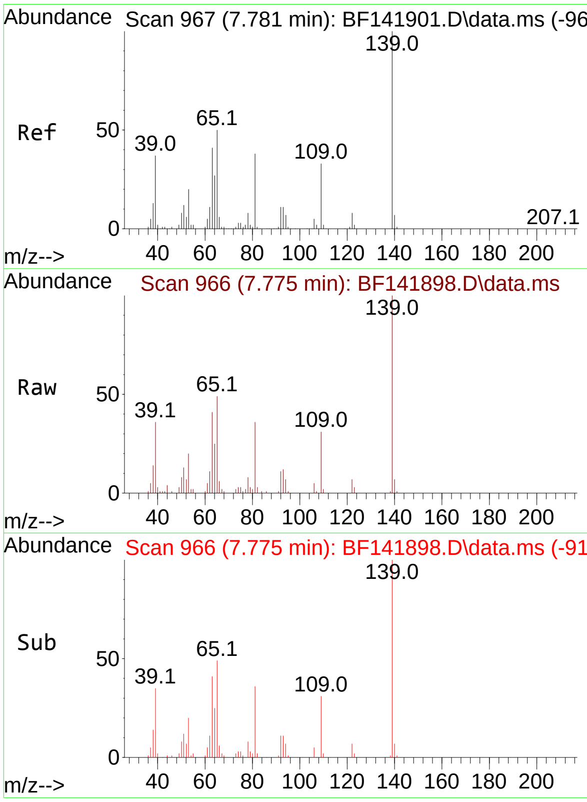


#25
Isophorone
Concen: 5.135 ng
RT: 7.692 min Scan# 952
Delta R.T.   -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 82 Resp: 149807

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	18.3	14.9	22.3



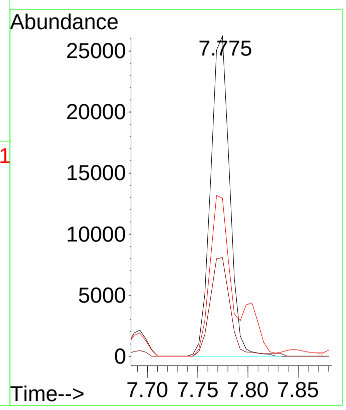


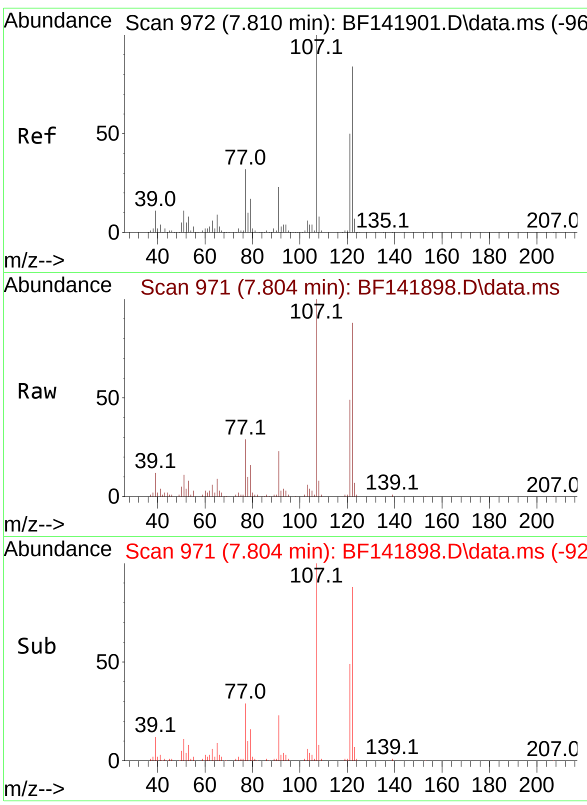
#26
2-Nitrophenol
Concen: 4.329 ng
RT: 7.775 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Instrument : BNA_F
ClientSampleId : SSTDICC005

Tgt Ion:139 Resp: 34757

Ion	Ratio	Lower	Upper
139	100		
109	30.8	26.5	39.7
65	49.4	40.3	60.5

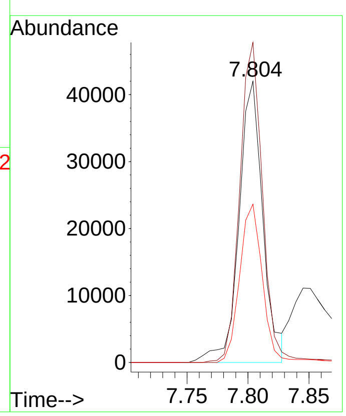




#27
2,4-Dimethylphenol
Concen: 5.164 ng
RT: 7.804 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

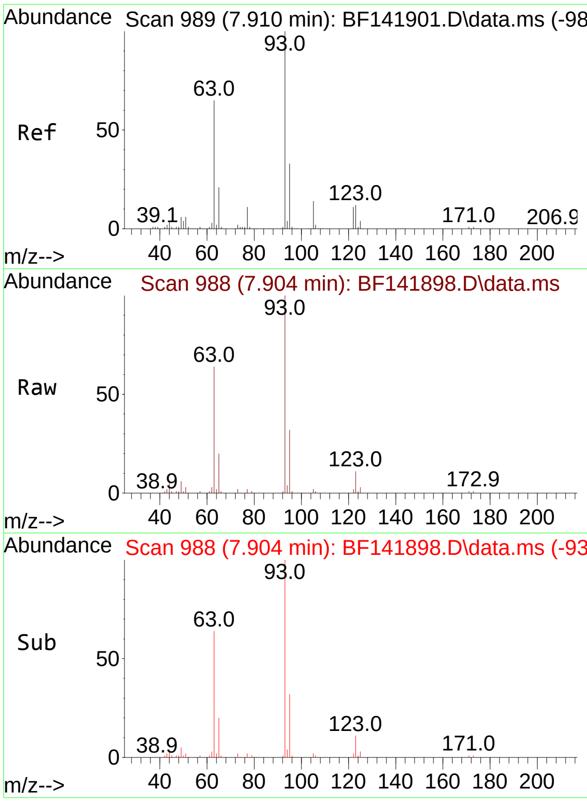
Tgt Ion:122 Resp: 57106

Ion	Ratio	Lower	Upper
122	100		
107	113.8	94.8	142.2
121	56.3	47.8	71.6



ICAL Form

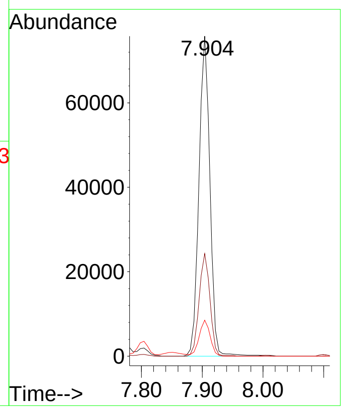
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

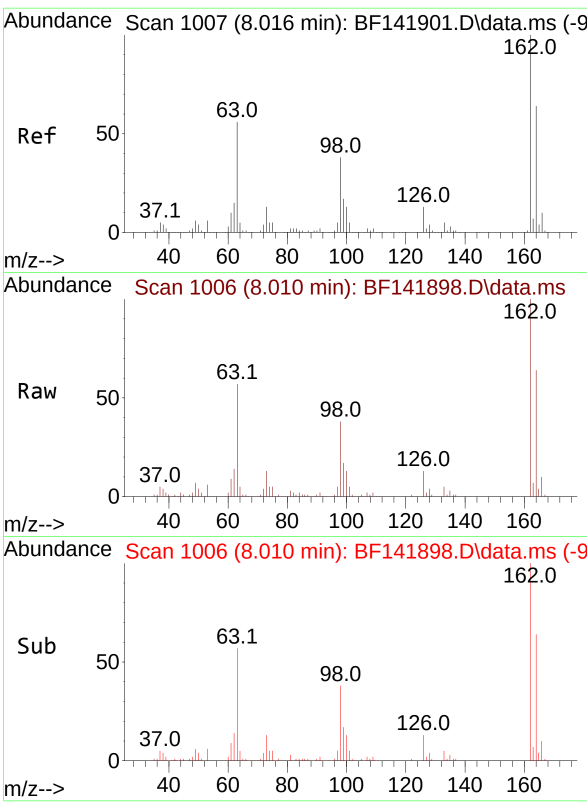


#28
bis(2-Chloroethoxy)methane
Concen: 5.210 ng
RT: 7.904 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 93 Resp: 95214

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.6	40.0
123	11.3	10.2	15.4

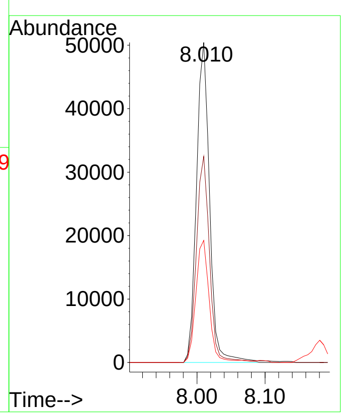




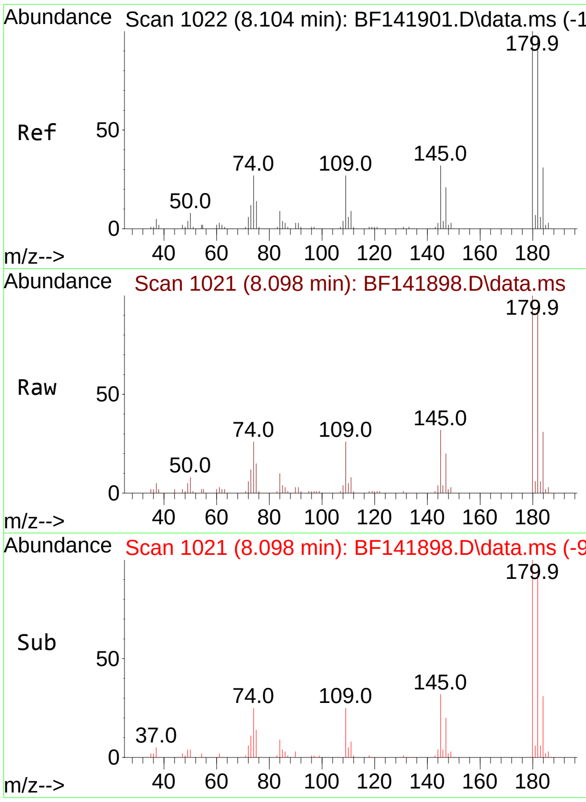
#29
2,4-Dichlorophenol
Concen: 4.934 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:162 Resp: 67710

Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	38.2	18.1	58.1



ICAL Form

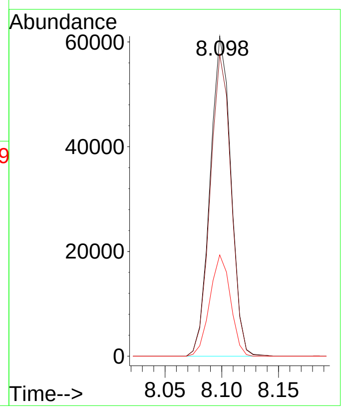


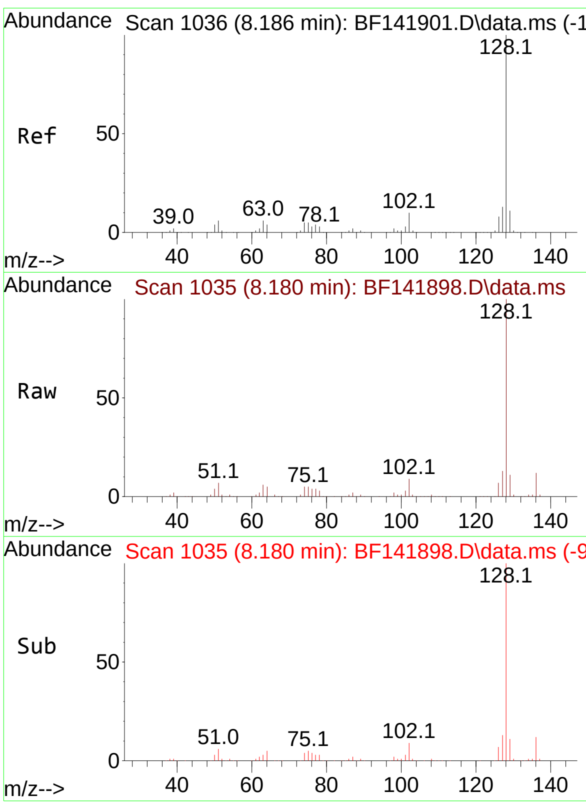
#30
1,2,4-Trichlorobenzene
Concen: 5.160 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:180 Resp: 78127

Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.5	116.3
145	31.6	25.8	38.6

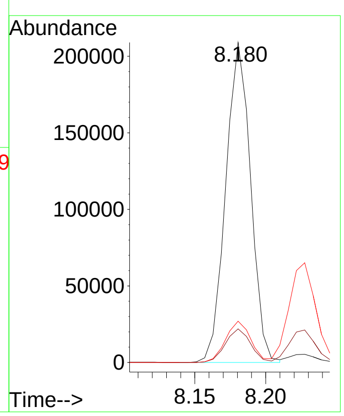




#31
Naphthalene
Concen: 5.388 ng
RT: 8.180 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

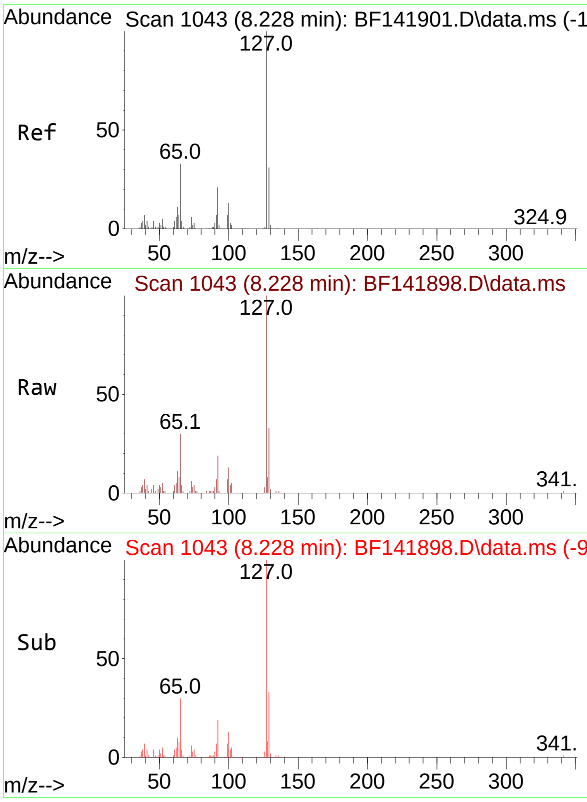
Tgt Ion:128 Resp: 255632

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	12.9	10.8	16.2



ICAL Form

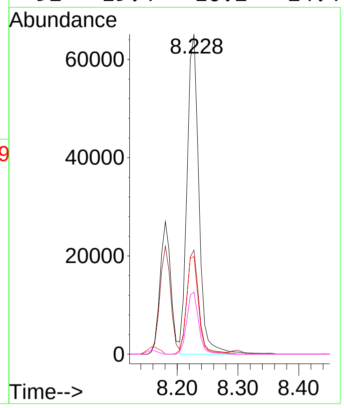
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

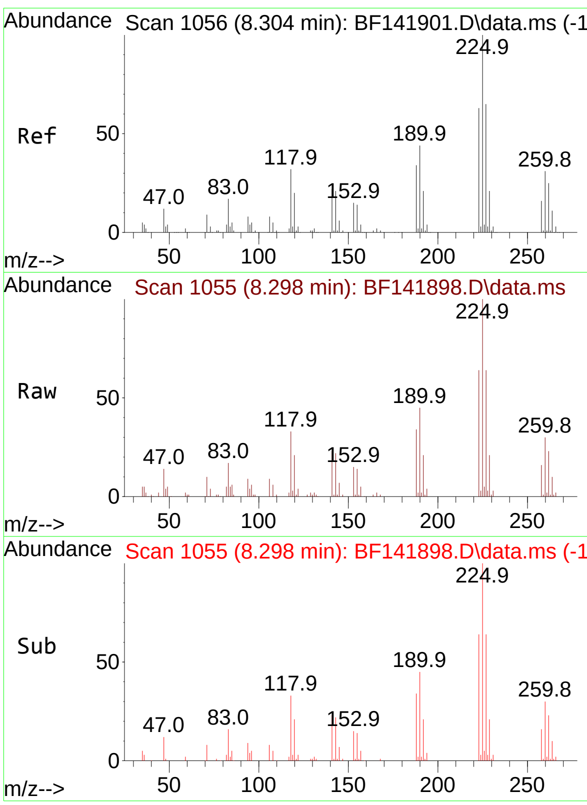


#33
4-Chloroaniline
Concen: 5.294 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:127 Resp: 88635

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	30.5	25.4	38.2
92	19.4	16.2	24.4

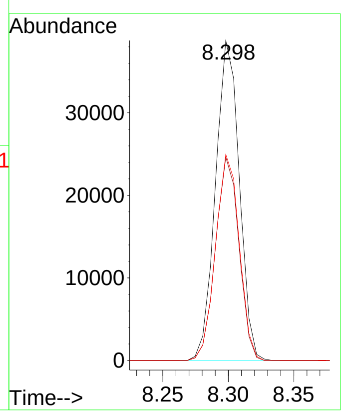




#34
Hexachlorobutadiene
Concen: 4.966 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

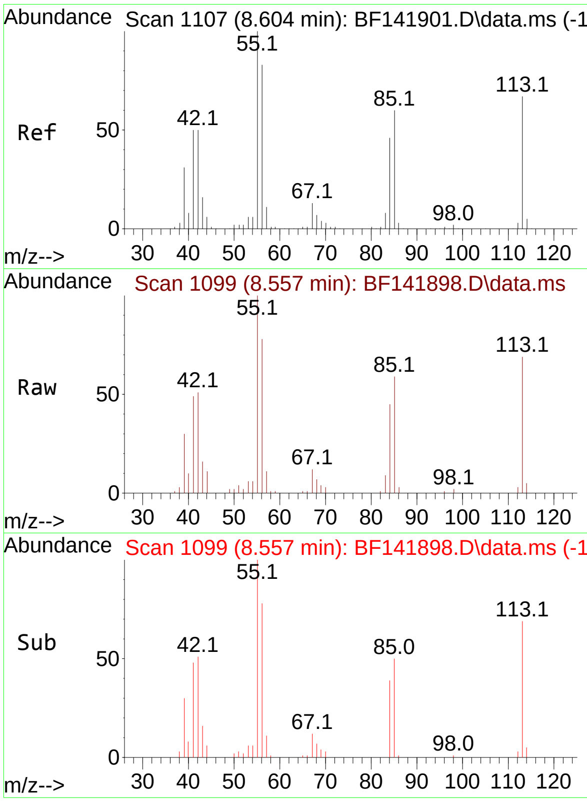
Tgt Ion:225 Resp: 48885

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	75.8
227	64.4	52.2	78.2



ICAL Form

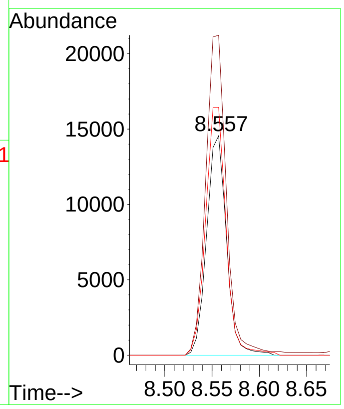
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

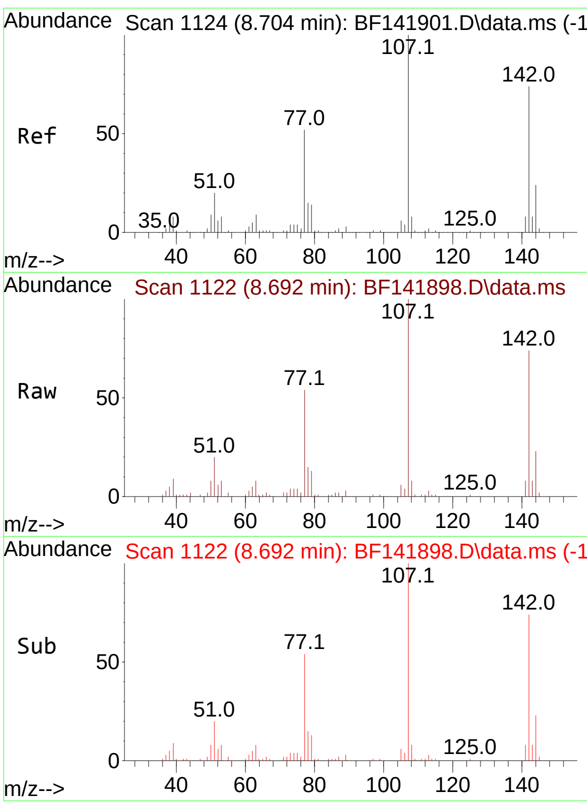


#35
Caprolactam
Concen: 5.118 ng
RT: 8.557 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:113 Resp: 21358

Ion	Ratio	Lower	Upper
113	100		
55	145.9	129.6	169.6
56	113.1	104.0	144.0

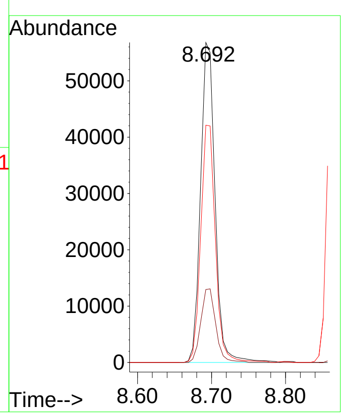


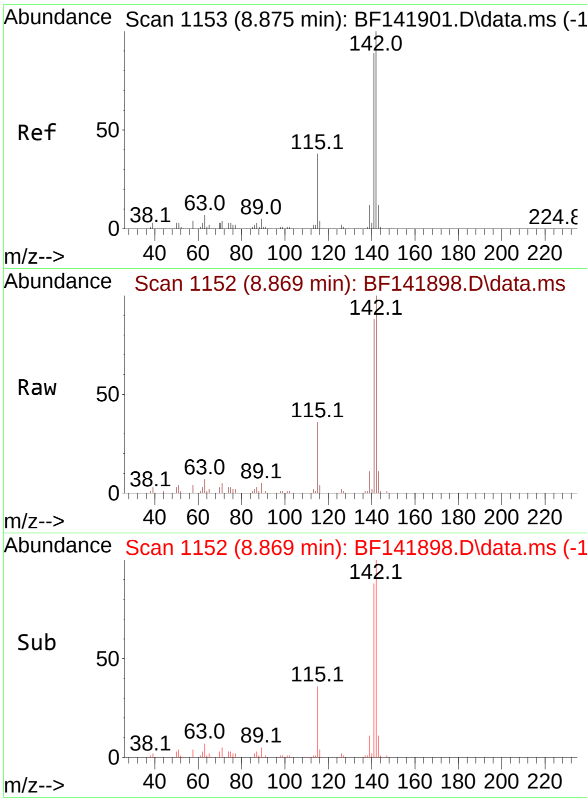


#36
4-Chloro-3-methylphenol
Concen: 5.070 ng
RT: 8.692 min Scan# 1122
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:107 Resp: 77370

Ion	Ratio	Lower	Upper
107	100		
144	22.8	19.0	28.6
142	74.2	59.2	88.8



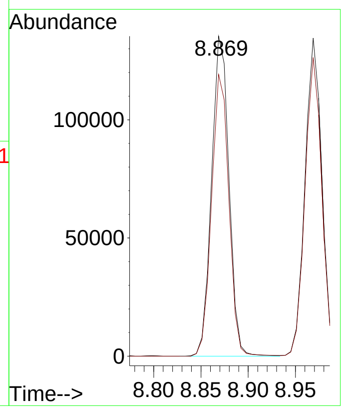


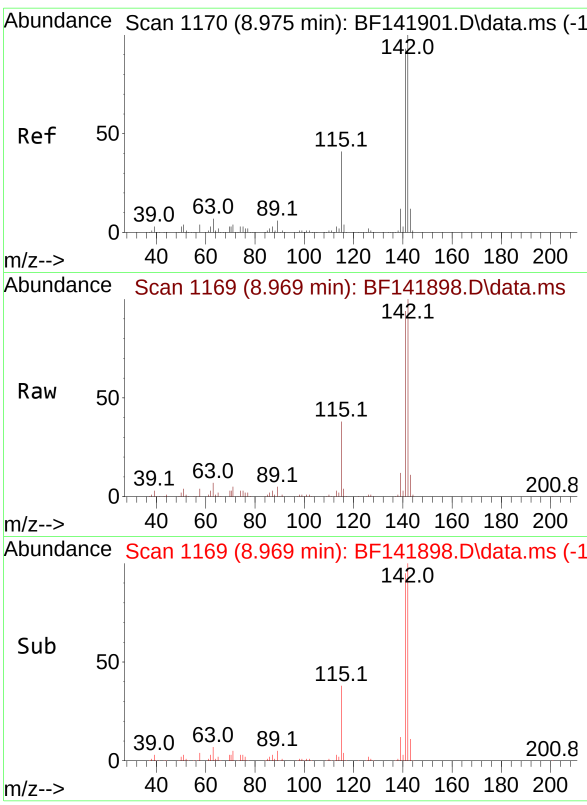
#37
2-Methylnaphthalene
Concen: 5.427 ng
RT: 8.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 172734

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.2	106.8

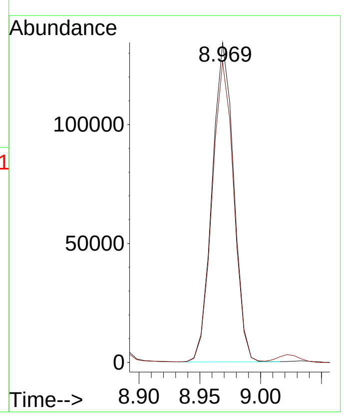




#38
1-Methylnaphthalene
Concen: 5.387 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:142 Resp: 166050

Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.2	111.4



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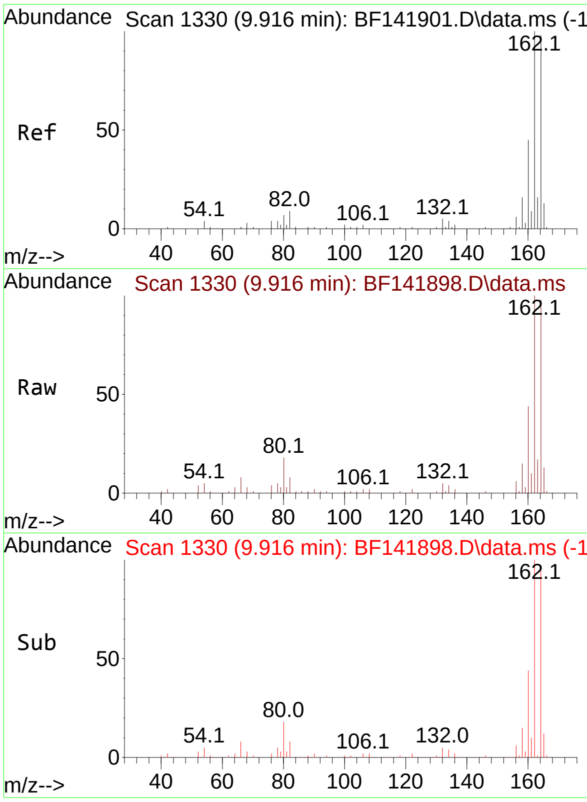


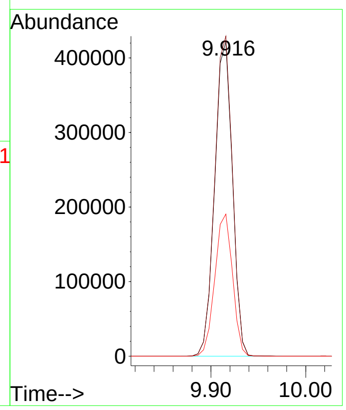
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1

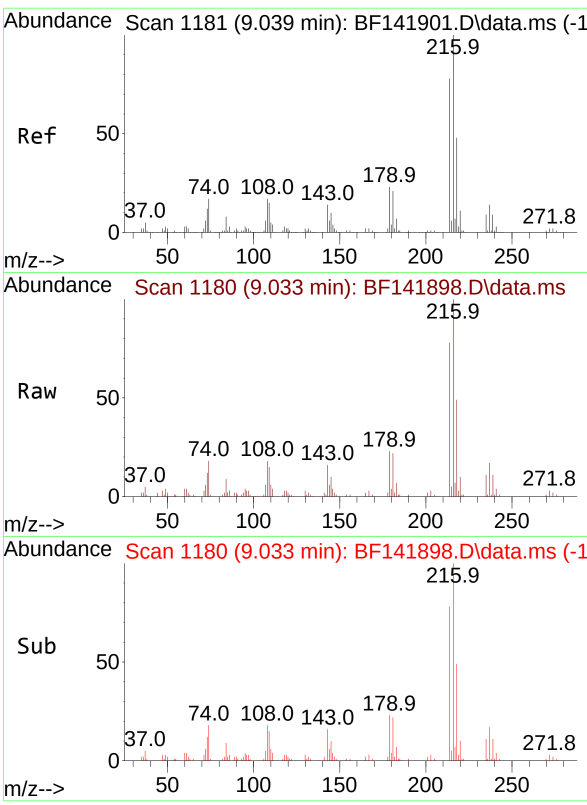
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:164 Resp: 546702

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.8	122.6
160	45.2	36.7	55.1

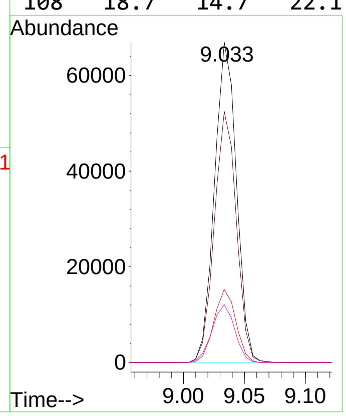


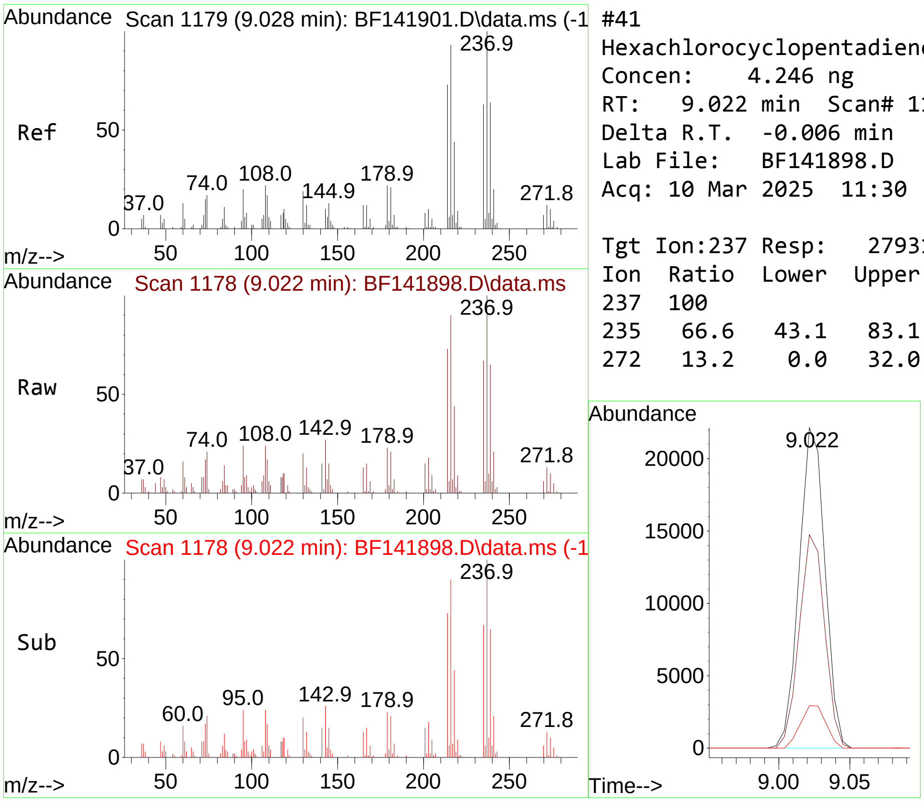


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.041 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:216 Resp: 84034

Ion	Ratio	Lower	Upper
216	100		
214	78.6	61.9	92.9
179	22.8	18.1	27.1
108	18.7	14.7	22.1



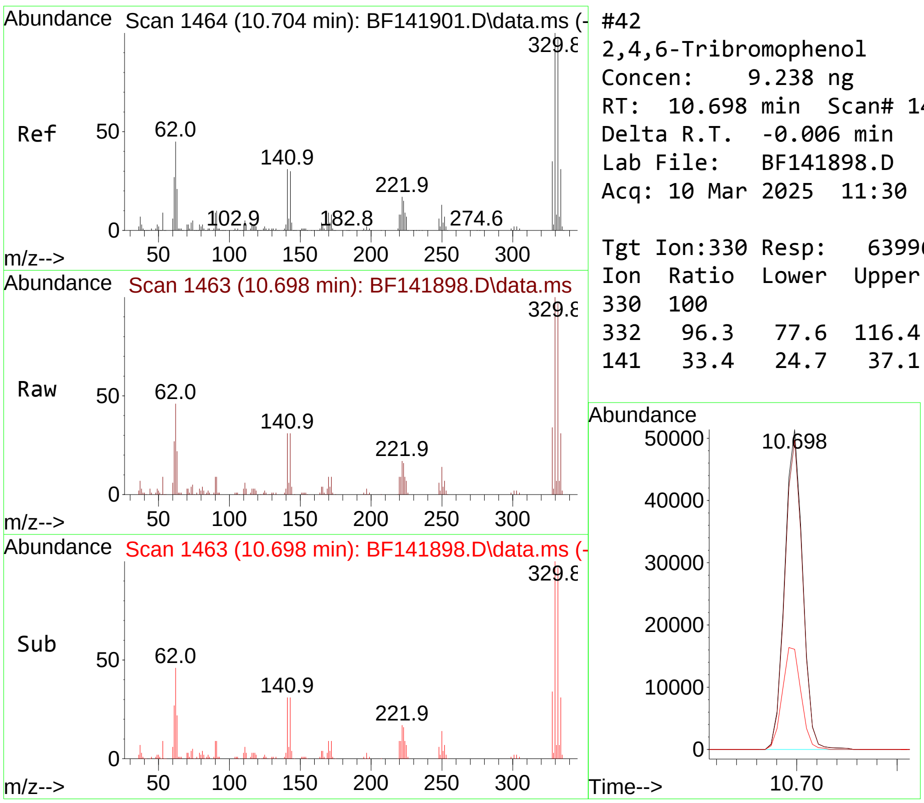


#41
Hexachlorocyclopentadiene
Concen: 4.246 ng
RT: 9.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:237 Resp: 27931

Ion	Ratio	Lower	Upper
237	100		
235	66.6	43.1	83.1
272	13.2	0.0	32.0

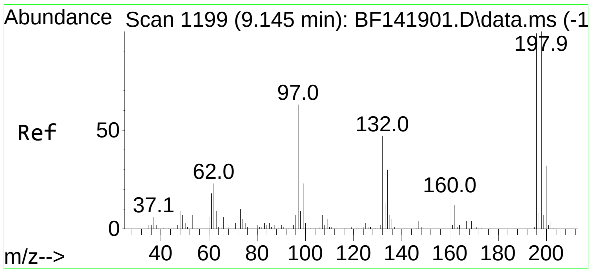


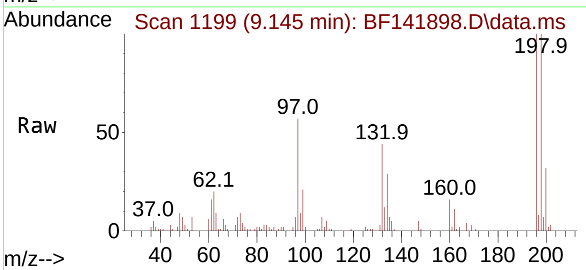
#42
2,4,6-Tribromophenol
Concen: 9.238 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

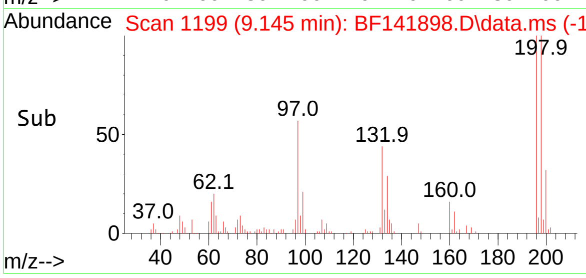
Tgt Ion:330 Resp: 63996

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	33.4	24.7	37.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005



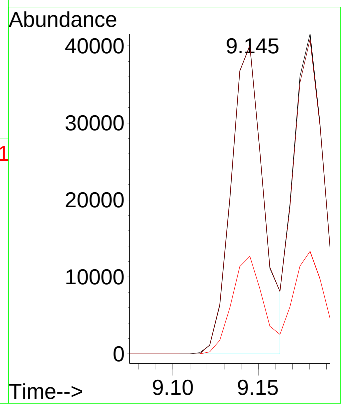


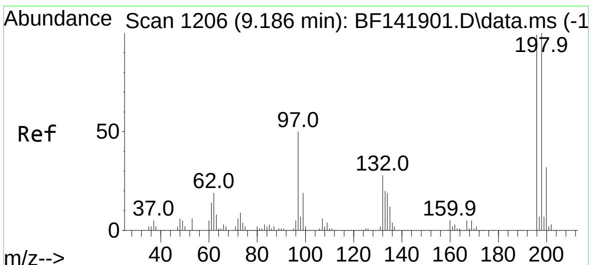


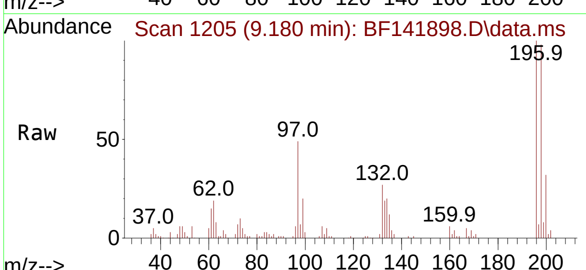
#43
2,4,6-Trichlorophenol
Concen: 4.877 ng
RT: 9.145 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

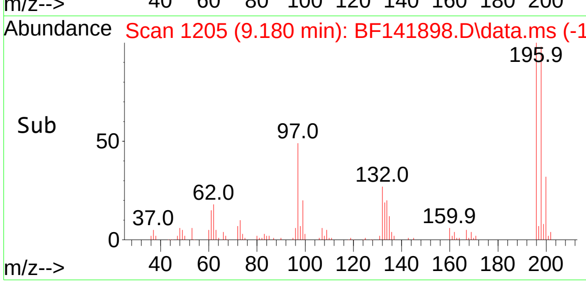
Tgt Ion:196 Resp: 52998

Ion	Ratio	Lower	Upper
196	100		
198	99.7	80.6	121.0
200	31.6	25.8	38.6





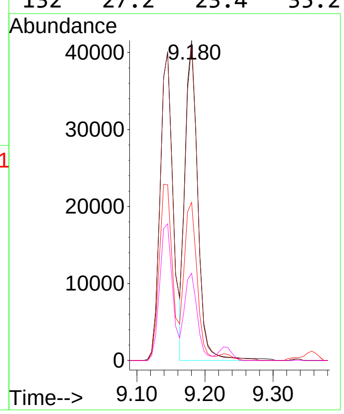




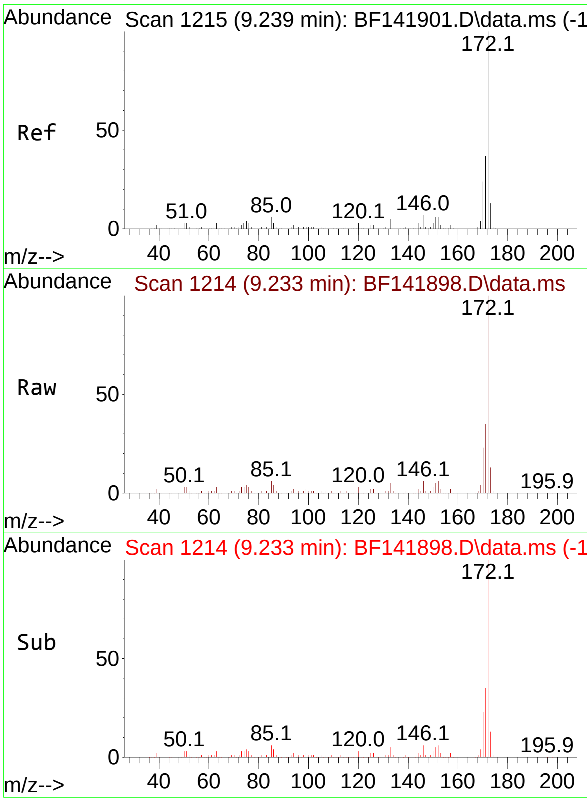
#44
2,4,5-Trichlorophenol
Concen: 4.901 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:196 Resp: 54111

Ion	Ratio	Lower	Upper
196	100		
198	98.4	80.7	121.1
97	49.4	42.1	63.1
132	27.2	23.4	35.2



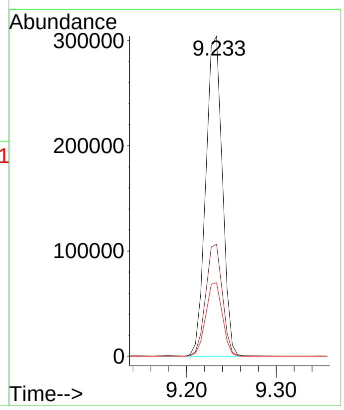
Instrument : BNA_F
ClientSampleId : SSTDICC005

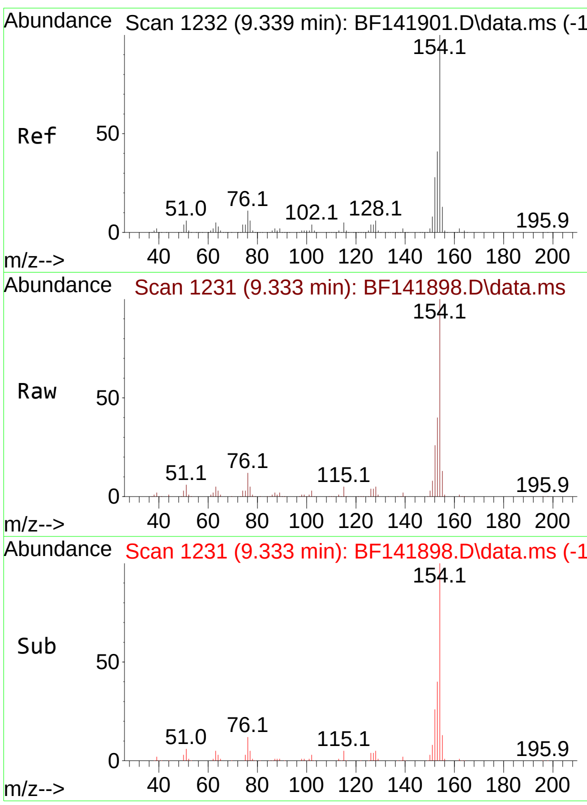


#45
2-Fluorobiphenyl
Concen: 10.888 ng
RT: 9.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:172 Resp: 390913

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.3	43.9
170	23.0	19.4	29.0

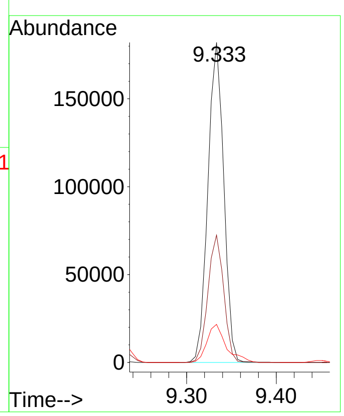




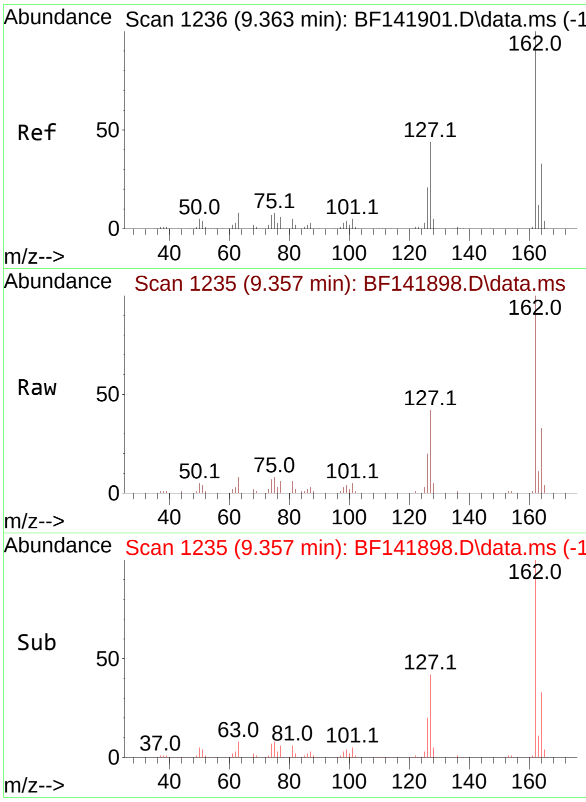
#46
1,1'-Biphenyl
Concen: 5.395 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:154 Resp: 223637

Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.1	61.1
76	11.9	0.0	31.3



ICAL Form

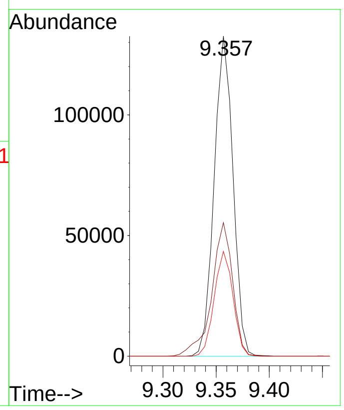


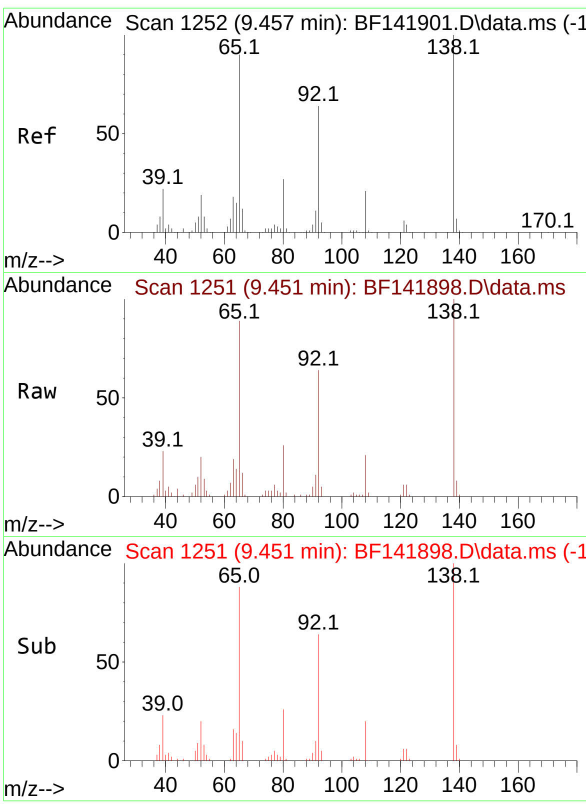
#47
2-Chloronaphthalene
Concen: 5.298 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 163642

Ion	Ratio	Lower	Upper
162	100		
127	41.7	35.5	53.3
164	32.8	26.6	40.0

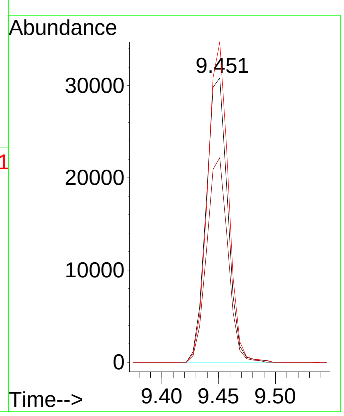




#48
2-Nitroaniline
Concen: 4.561 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

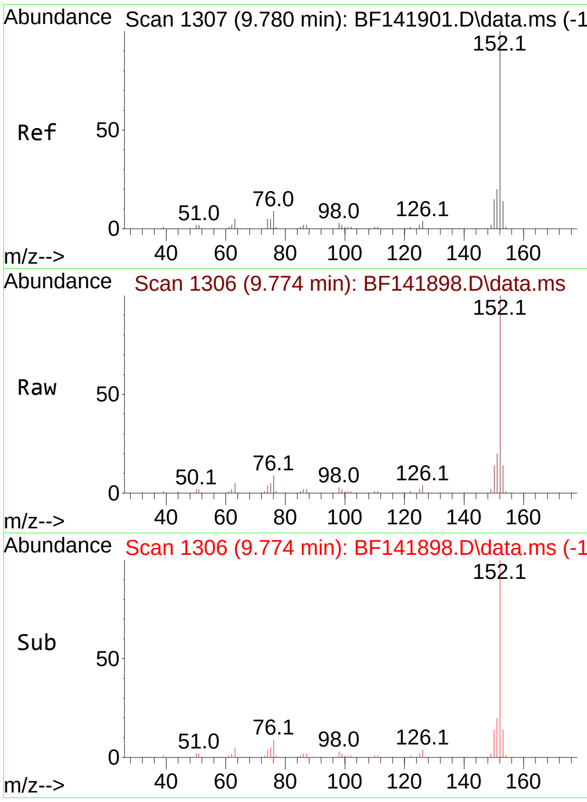
Tgt Ion: 65 Resp: 40475

Ion	Ratio	Lower	Upper
65	100		
92	71.9	56.6	84.8
138	112.5	88.6	133.0



ICAL Form

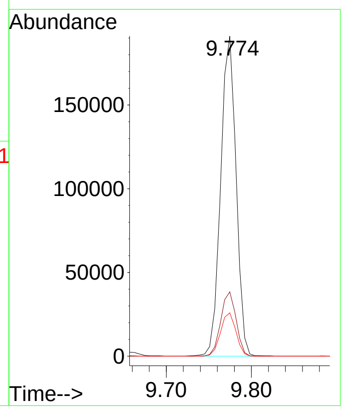
Instrument : BNA_F
ClientSampleId : SSTDICC005

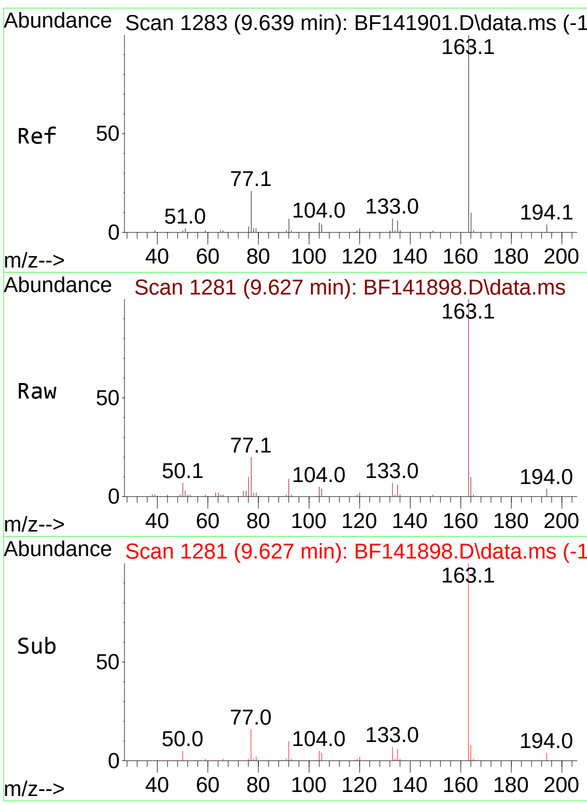


#49
Acenaphthylene
Concen: 5.268 ng
RT: 9.774 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:152 Resp: 241253

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.6	11.1	16.7

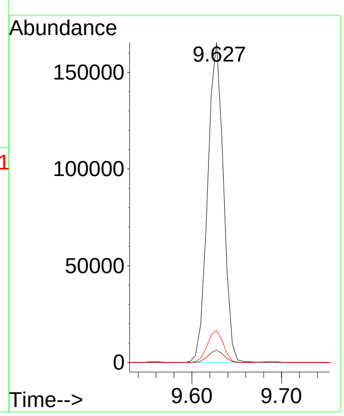




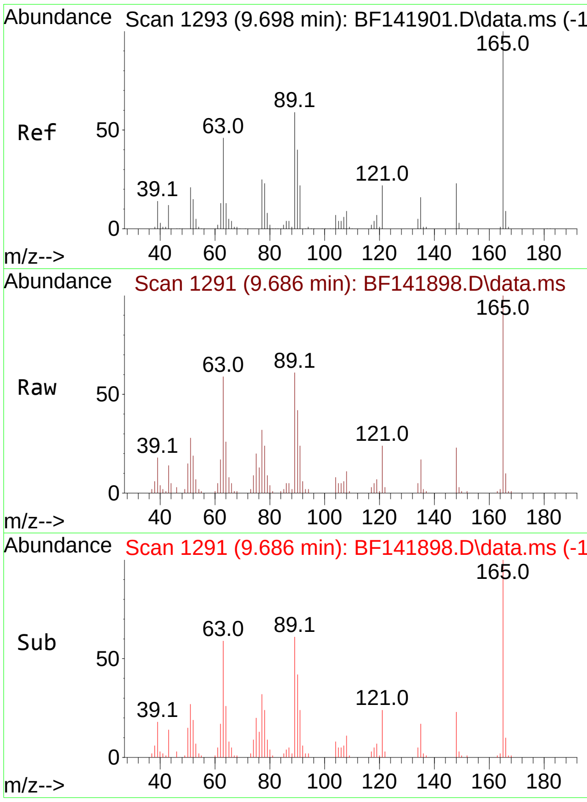
#50
Dimethylphthalate
Concen: 5.328 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:163 Resp: 202373

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.1	8.2	12.4



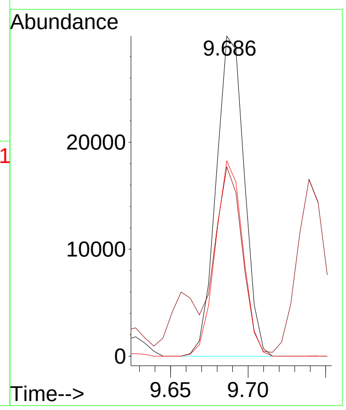
Instrument : BNA_F
ClientSampleId : SSTDICC005

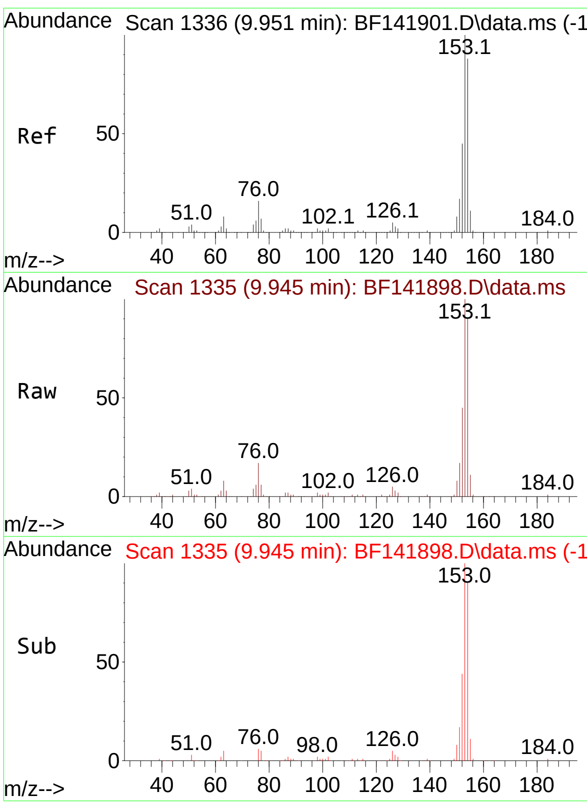


#51
2,6-Dinitrotoluene
Concen: 4.785 ng
RT: 9.686 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:165 Resp: 37796

Ion	Ratio	Lower	Upper
165	100		
63	59.1	47.0	70.4
89	61.0	47.4	71.2

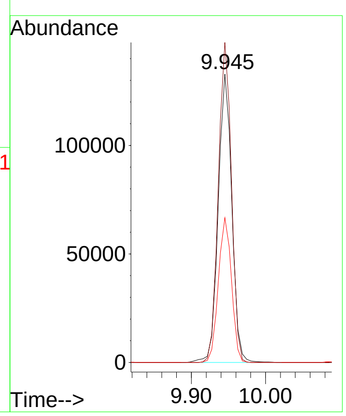




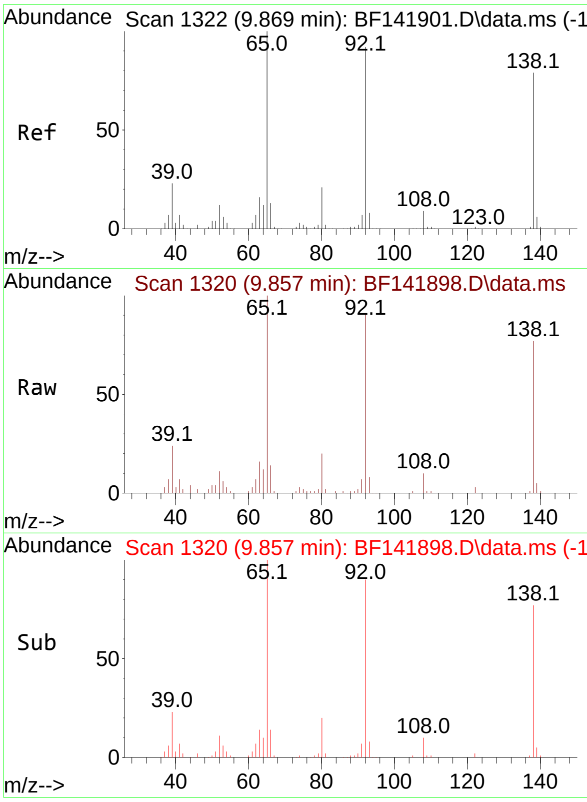
#52
Acenaphthene
Concen: 5.225 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:154 Resp: 168975

Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.7	136.1
152	50.2	41.1	61.7



ICAL Form



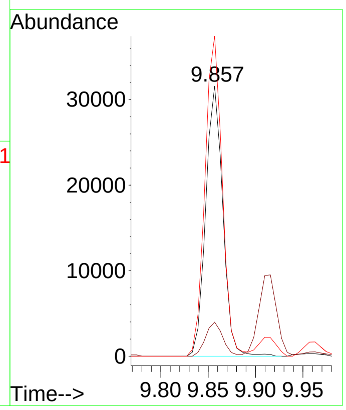
#53
3-Nitroaniline
Concen: 4.902 ng
RT: 9.857 min   Scan# 1

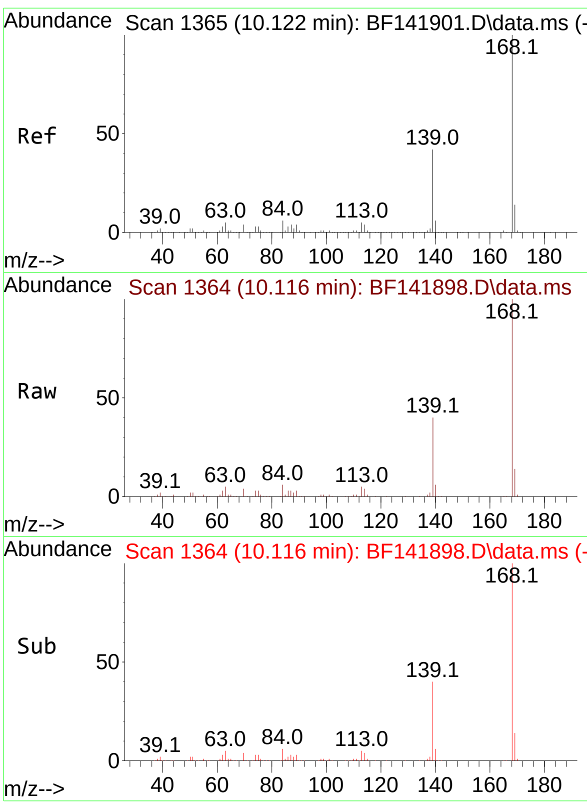
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Delta R.T.   -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025   11:30

Tgt Ion:138 Resp: 39761

Ion	Ratio	Lower	Upper
138	100		
108	12.6	9.3	13.9
92	118.6	93.5	140.3

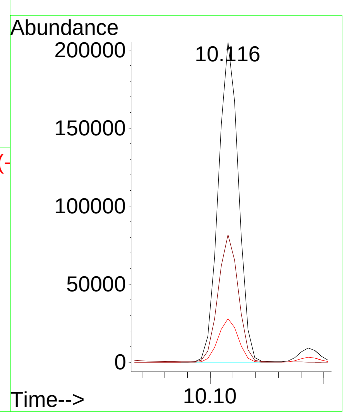




#55
Dibenzofuran
Concen: 5.481 ng
RT: 10.116 min   Scan# 1364
Delta R.T.   -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025   11:30

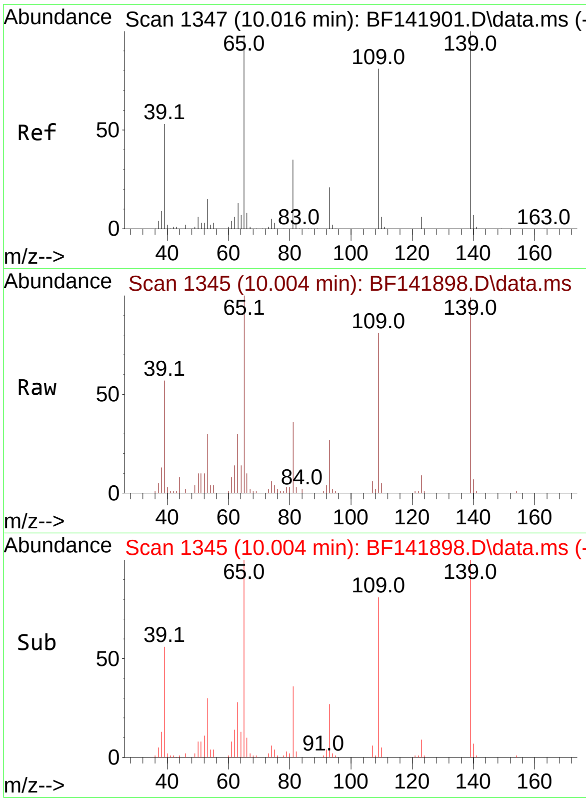
Tgt Ion:168 Resp: 252715

Ion	Ratio	Lower	Upper
168	100		
139	39.8	33.9	50.9
169	13.6	11.0	16.4

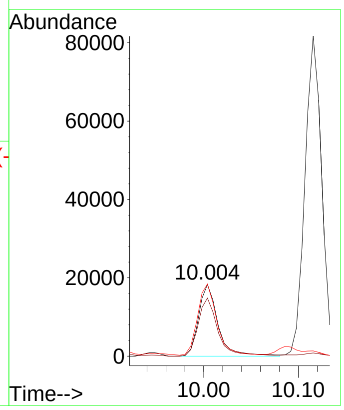


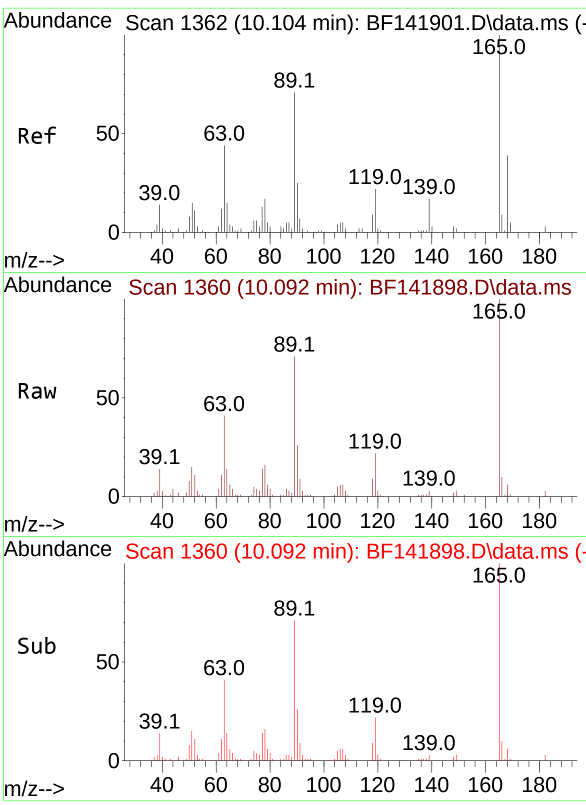
ICAL Form

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

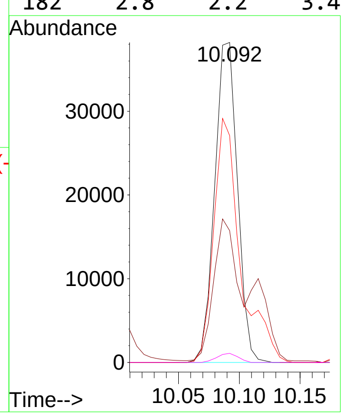



```
#56
4-Nitrophenol
Concen:    4.309 ng
RT:  10.004 min  Scan# 1
Delta R.T.  -0.012 min
Lab File:   BF141898.D
Acq: 10 Mar 2025  11:30

Tgt Ion:139 Resp:   26252
Ion  Ratio  Lower  Upper
139  100
109   81.1   61.6  101.6
 65  100.7   79.4  119.4
```

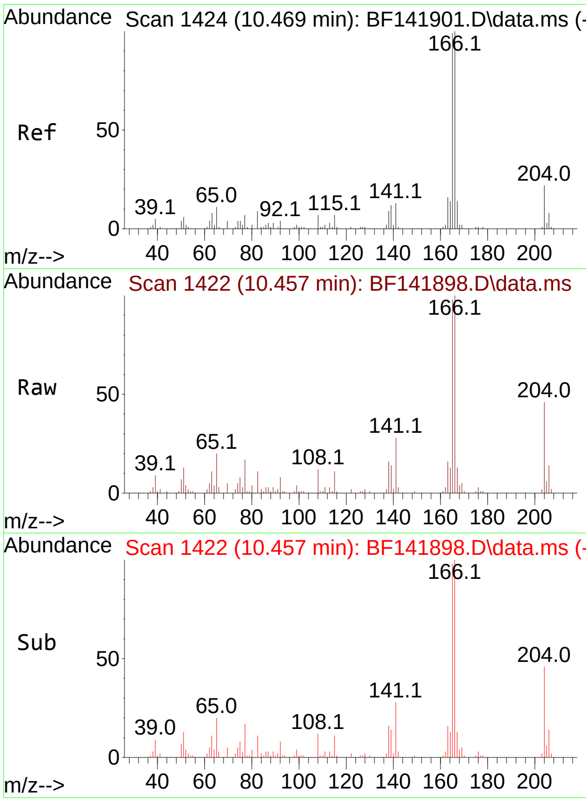





```
#57
2,4-Dinitrotoluene
Concen:    4.800 ng
RT:  10.092 min  Scan# 1360
Delta R.T.  -0.012 min
Lab File:   BF141898.D
Acq: 10 Mar 2025  11:30

Tgt Ion:165 Resp:   49913
Ion  Ratio  Lower  Upper
165  100
 63   41.2   35.4   53.2
 89   70.9   56.6   84.8
182    2.8    2.2    3.4
```



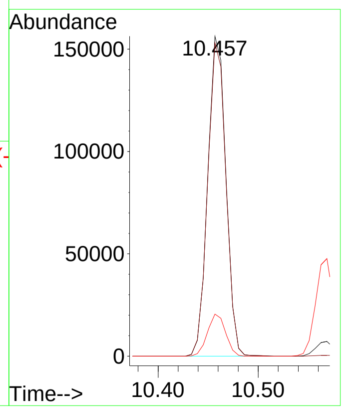
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

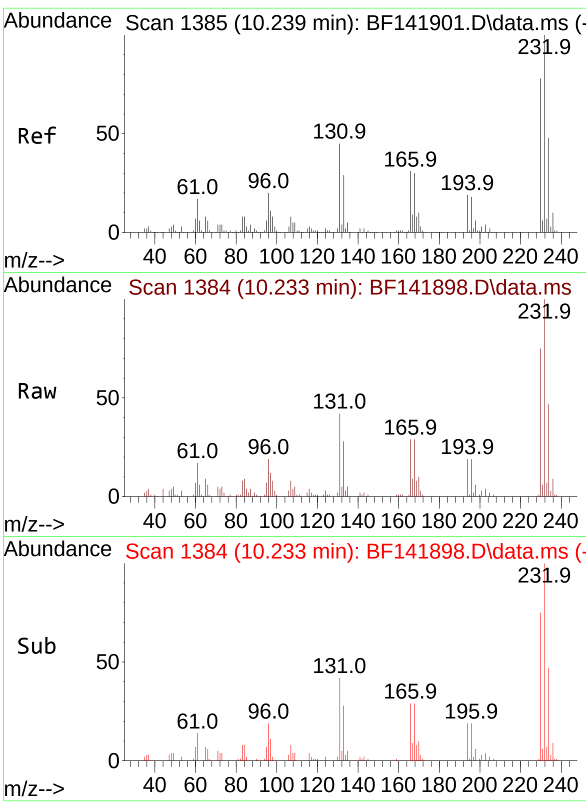


#58
Fluorene
Concen: 5.542 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:166 Resp: 197266

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.4
167	13.2	11.0	16.4

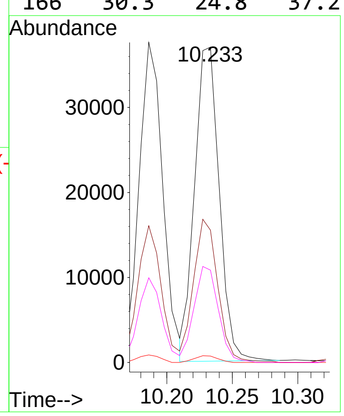




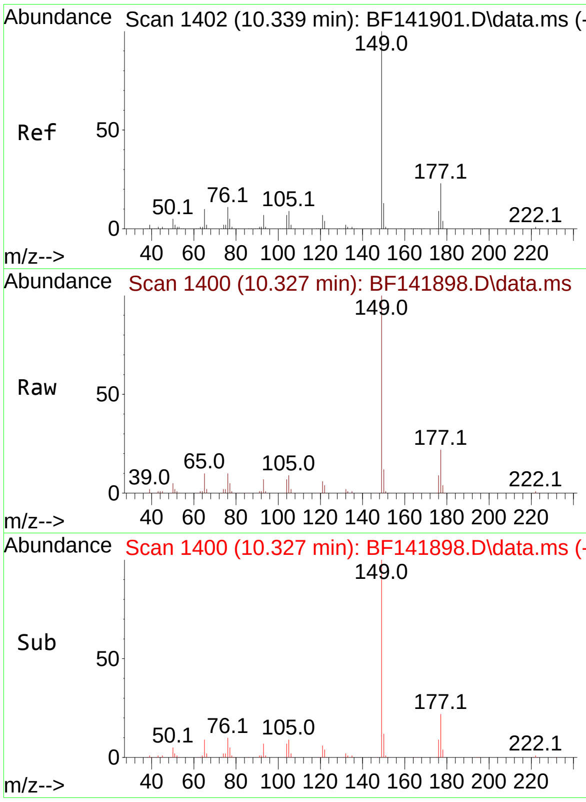
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.839 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:232 Resp: 48472

Ion	Ratio	Lower	Upper
232	100		
131	44.9	37.3	55.9
130	2.1	1.9	2.9
166	30.3	24.8	37.2



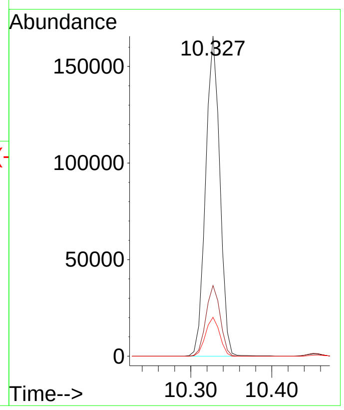
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

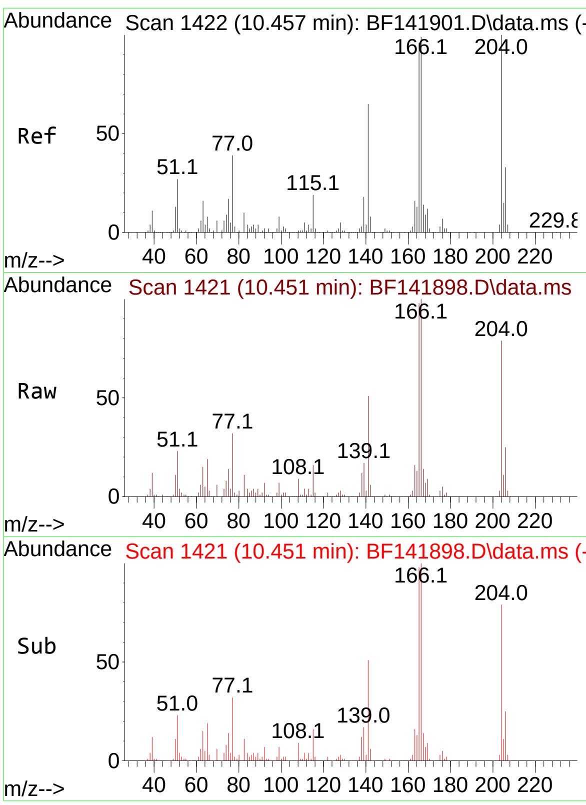


#60
Diethylphthalate
Concen: 5.286 ng
RT: 10.327 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:149 Resp: 201554

Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.0	27.0
150	12.1	10.2	15.4

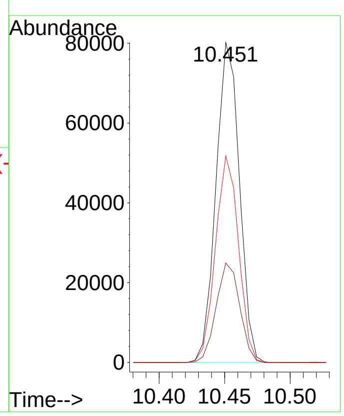




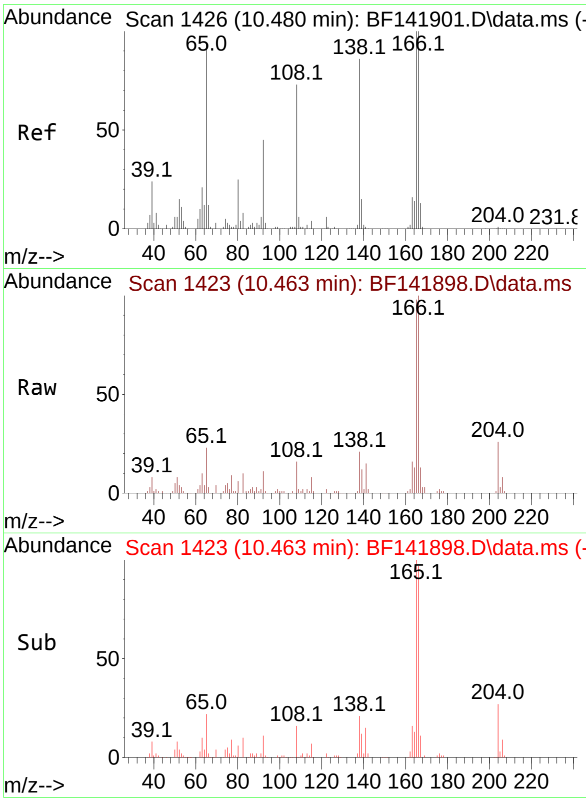
#61
4-Chlorophenyl-phenylether
Concen: 5.380 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:204 Resp: 99747

Ion	Ratio	Lower	Upper
204	100		
206	31.1	26.8	40.2
141	64.5	52.4	78.6



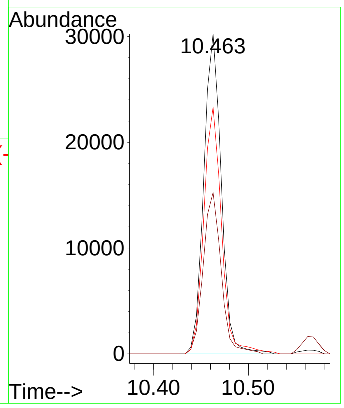
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

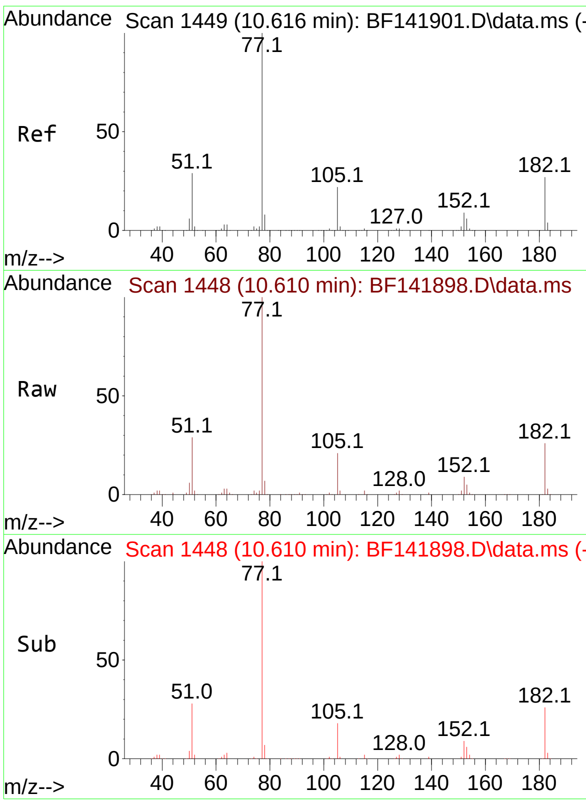


#62
4-Nitroaniline
Concen: 4.945 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:138 Resp: 38863

Ion	Ratio	Lower	Upper
138	100		
92	50.5	32.6	72.6
108	77.1	65.0	105.0

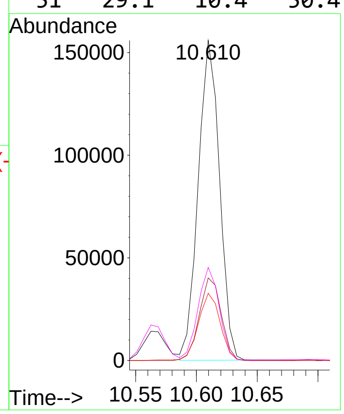




#63
Azobenzene
Concen: 5.370 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 77 Resp: 190233

Ion	Ratio	Lower	Upper
77	100		
182	25.8	6.6	46.6
105	21.0	1.3	41.3
51	29.1	10.4	50.4



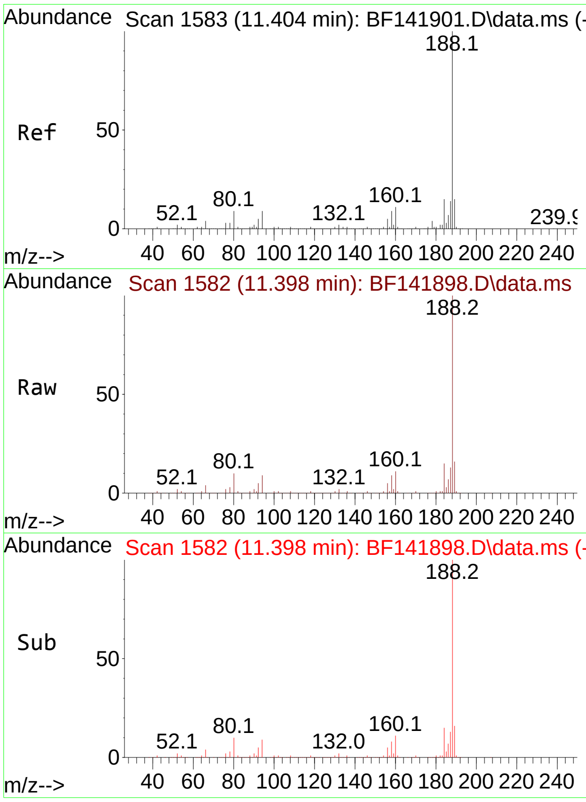
ICAL Form

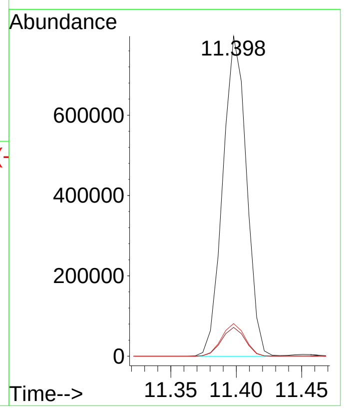
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:188 Resp: 1002901

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.8	10.2
80	10.2	7.6	11.4

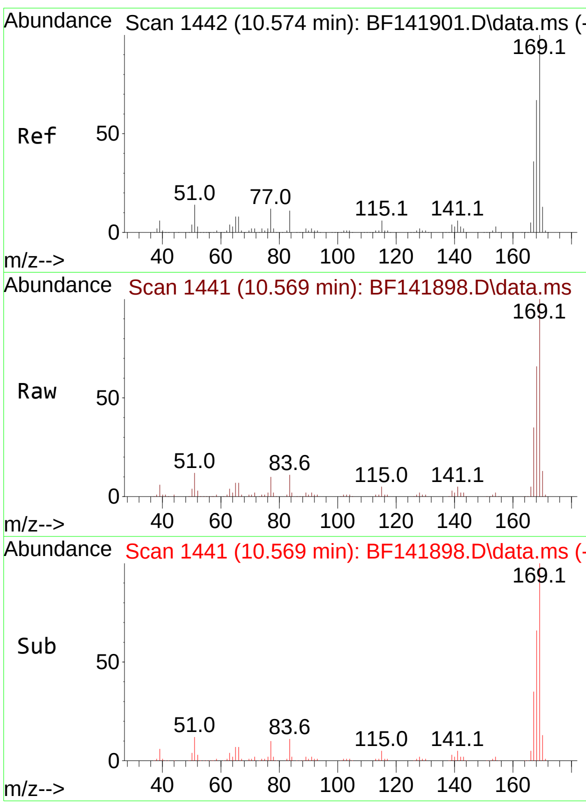


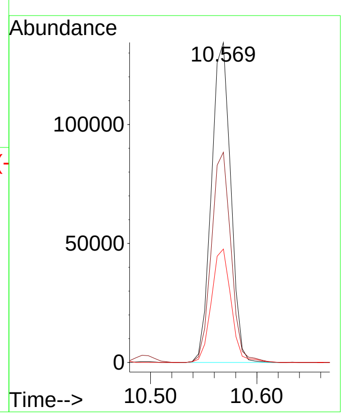


#66
n-Nitrosodiphenylamine
Concen: 5.223 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:169 Resp: 169225

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.7	80.5
167	35.5	29.2	43.8





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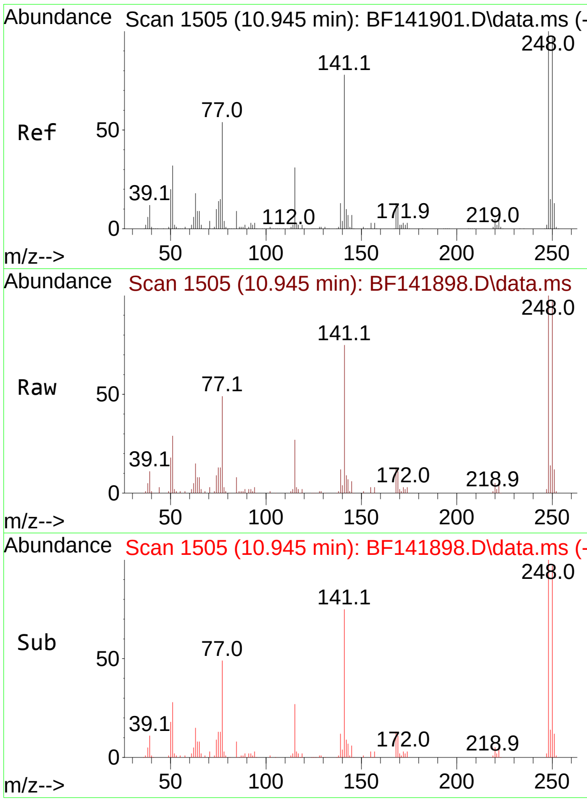
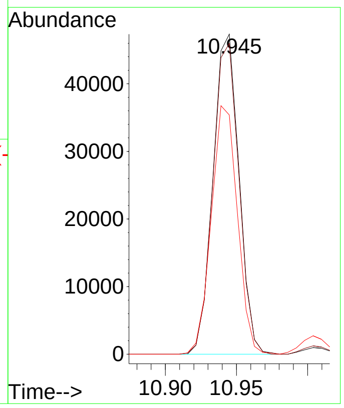


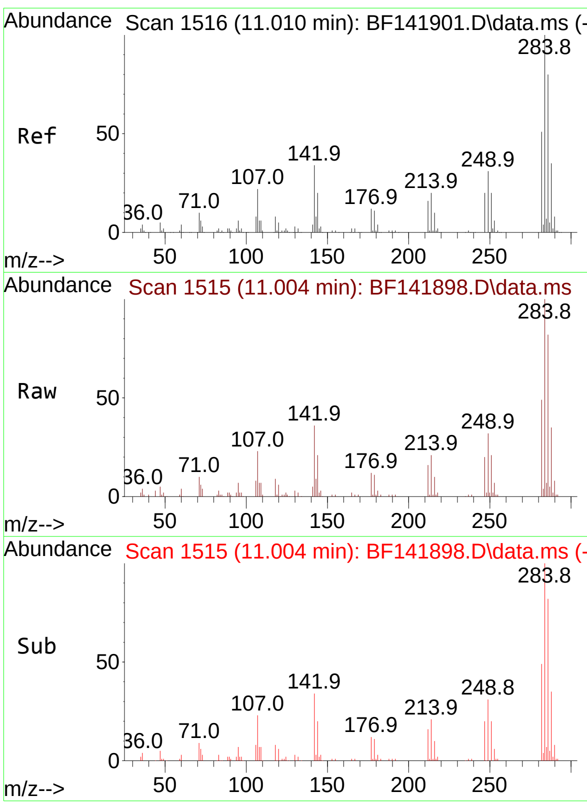
#67
4-Bromophenyl-phenylether
Concen: 4.823 ng
RT: 10.945 min Scan# 1!
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 60238

Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.8	116.8
141	74.7	62.6	93.8

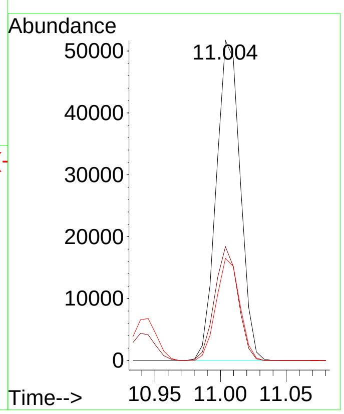




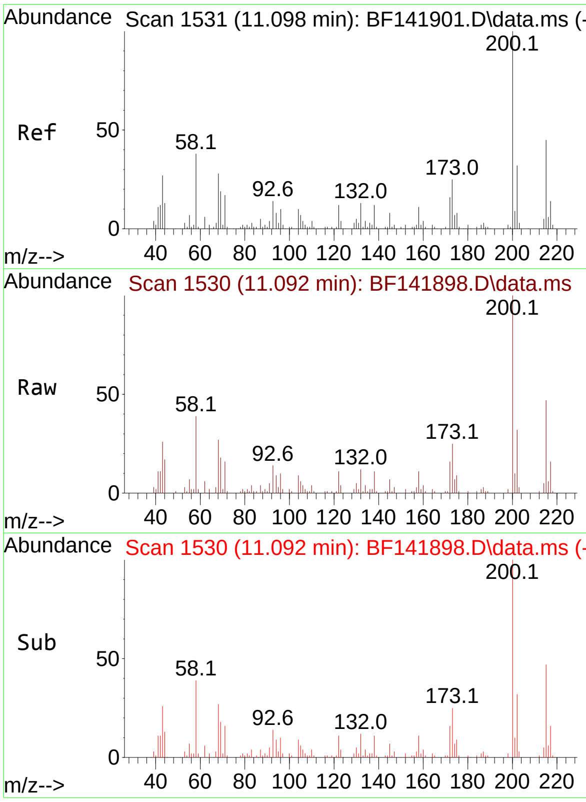
#68
Hexachlorobenzene
Concen: 4.753 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:284 Resp: 65620

Ion	Ratio	Lower	Upper
284	100		
142	35.6	27.0	40.6
249	31.9	25.2	37.8



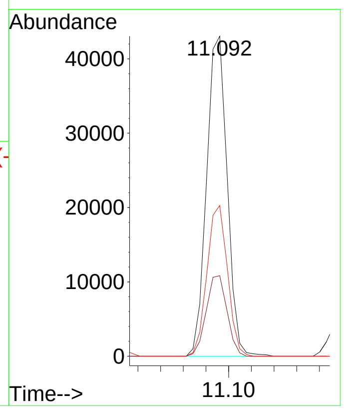
Instrument : BNA_F
ClientSampleId : SSTDICC005

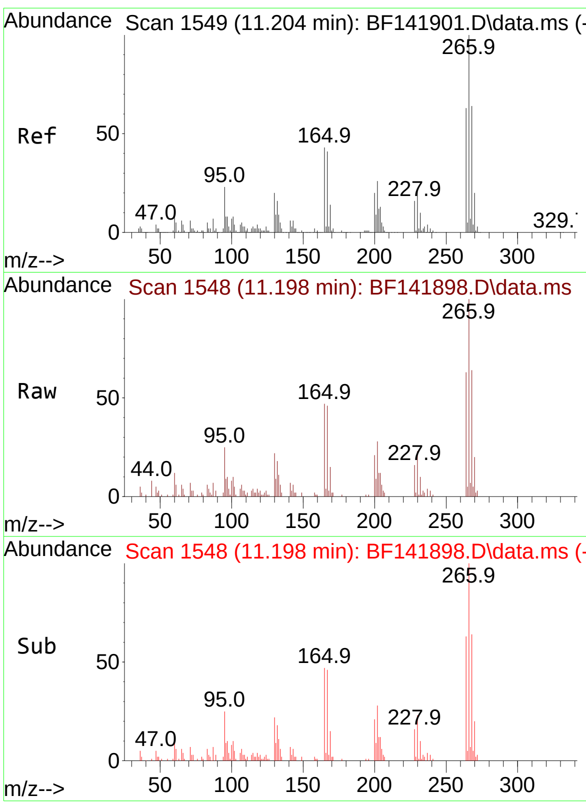


#69
Atrazine
Concen: 6.867 ng
RT: 11.092 min Scan# 1!
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:200 Resp: 54251

Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.7	44.7
215	47.1	25.4	65.4

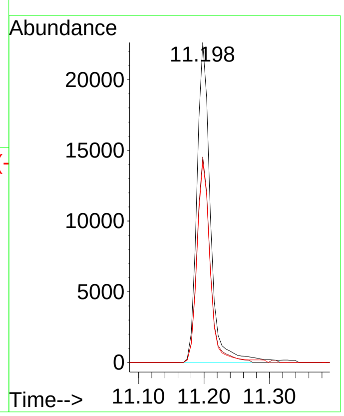




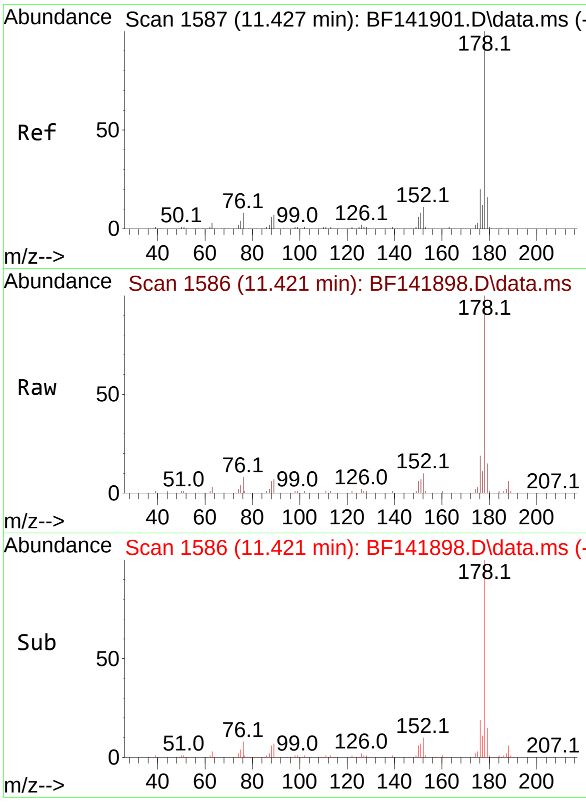
#70
Pentachlorophenol
Concen: 3.843 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:266 Resp: 32716

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.0	76.6
264	62.8	50.2	75.2



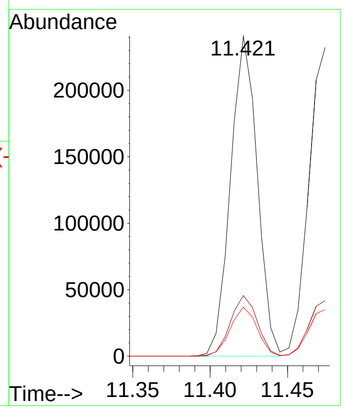
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

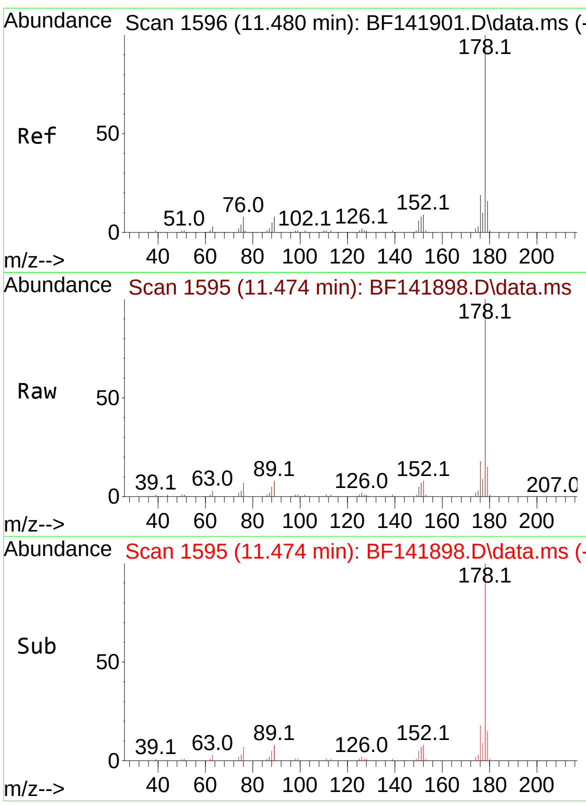


#71
Phenanthrene
Concen: 5.340 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:178 Resp: 289580

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.3	12.6	19.0

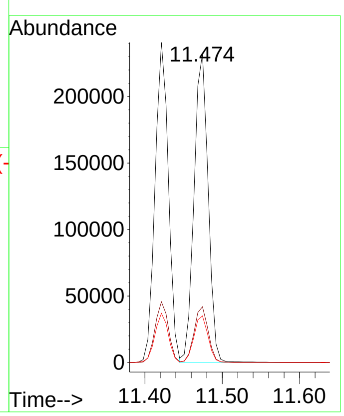




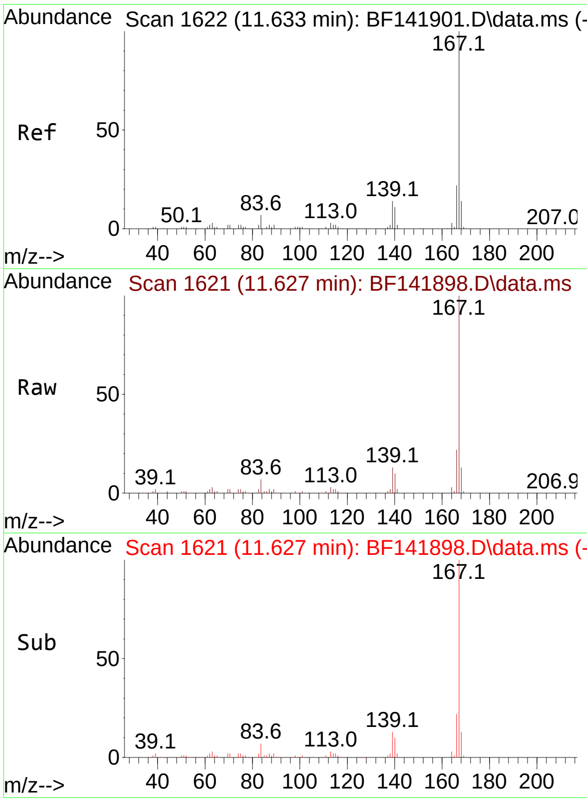
#72
Anthracene
Concen: 5.407 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:178 Resp: 294198

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	15.1	12.6	19.0

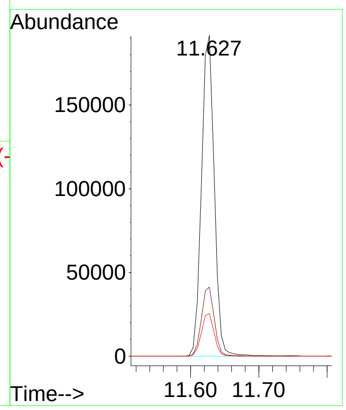


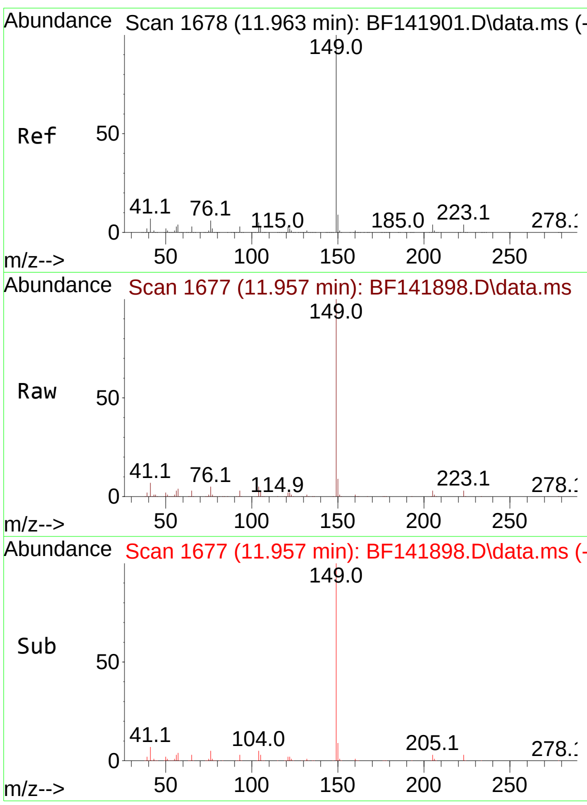
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



#73
Carbazole
Concen: 5.329 ng
RT: 11.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

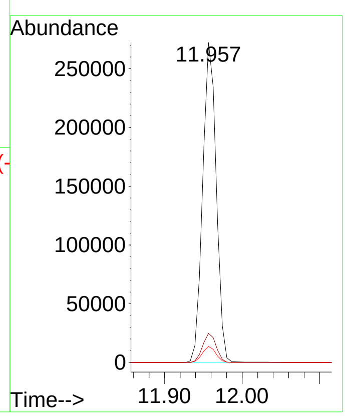
Tgt Ion:167	Resp:	249634	
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.3	11.0	16.6



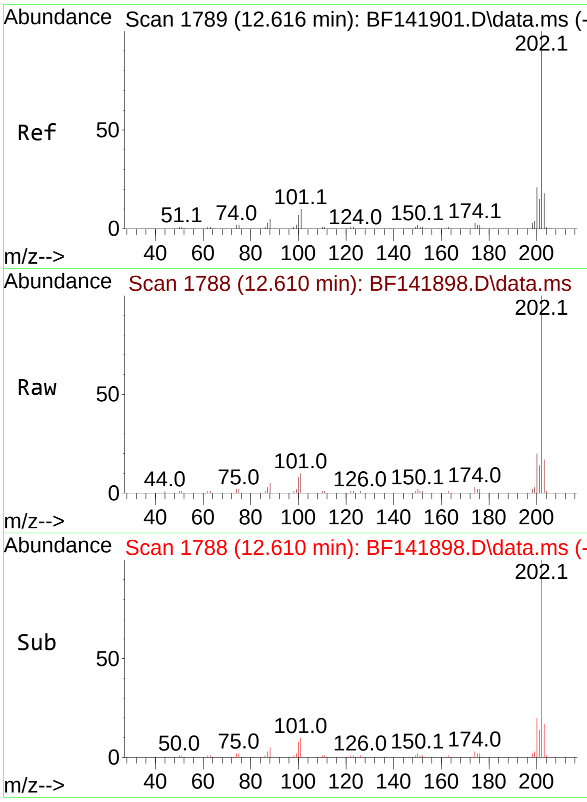


#74
Di-n-butylphthalate
Concen: 5.352 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:149	Resp:	330999	
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.0	4.4	6.6



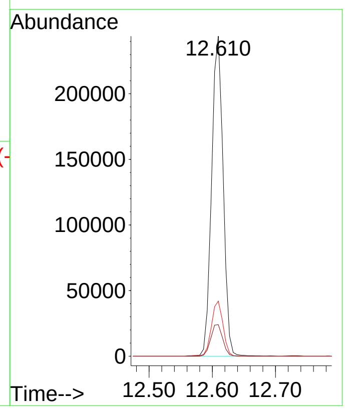
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

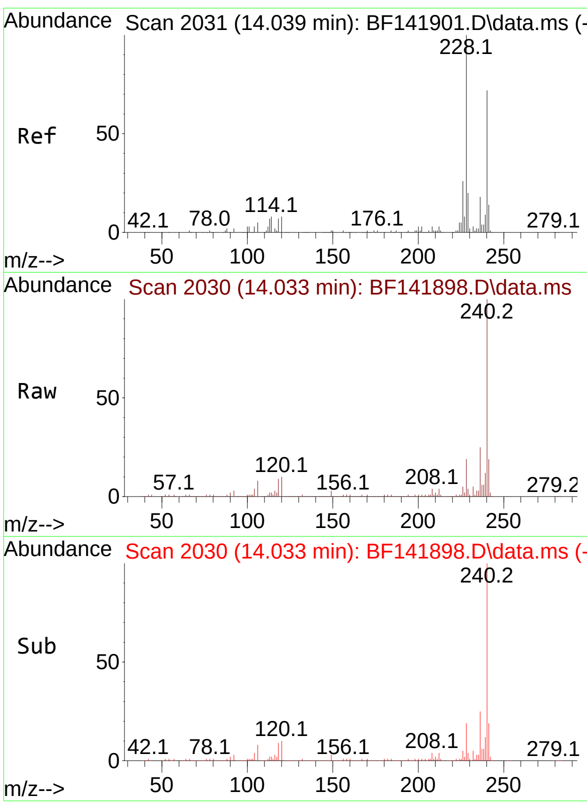


#75
Fluoranthene
Concen: 5.432 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:202 Resp: 309273

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.7
203	17.2	0.0	37.8

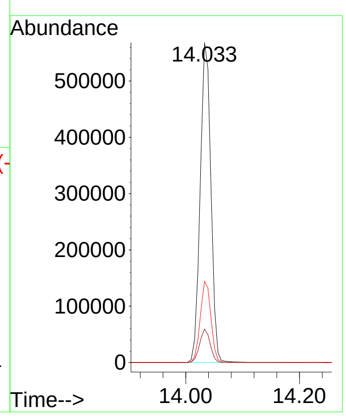




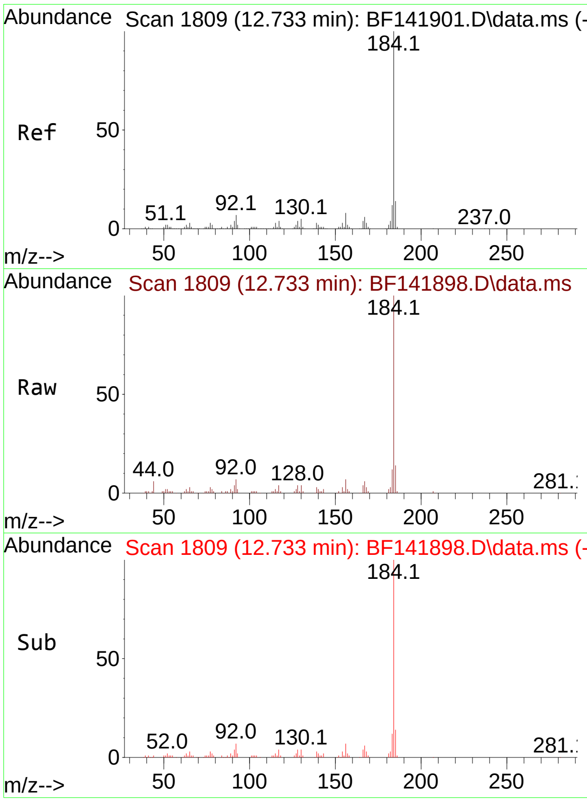
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:240 Resp: 745624

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	25.3	20.5	30.7



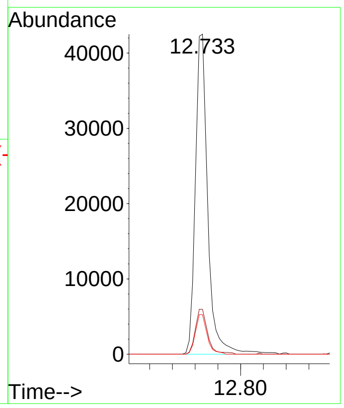
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

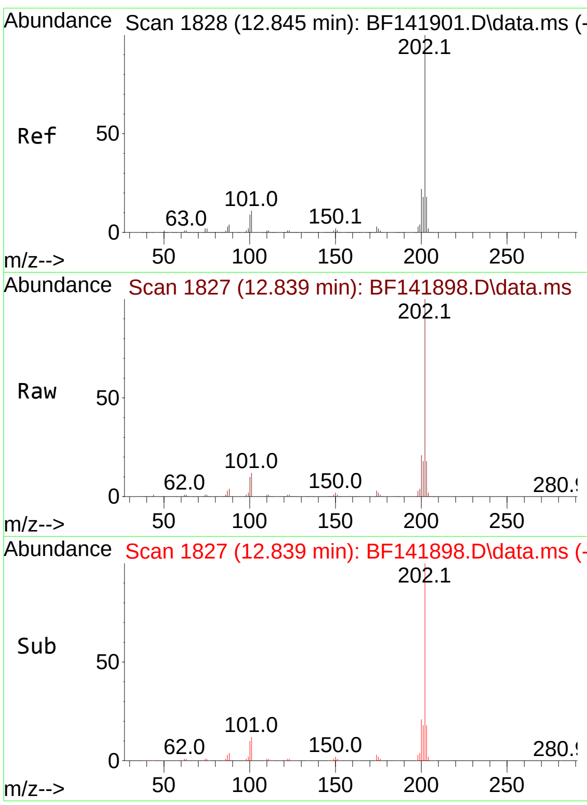


#77
Benzidine
Concen: 6.138 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:184 Resp: 64673

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.5	17.3
183	12.3	9.7	14.5

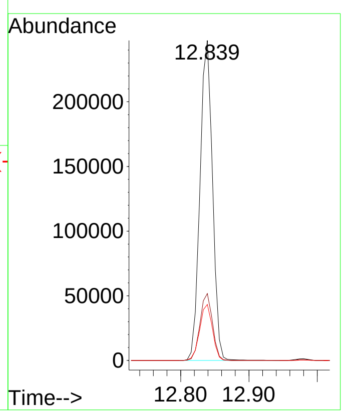




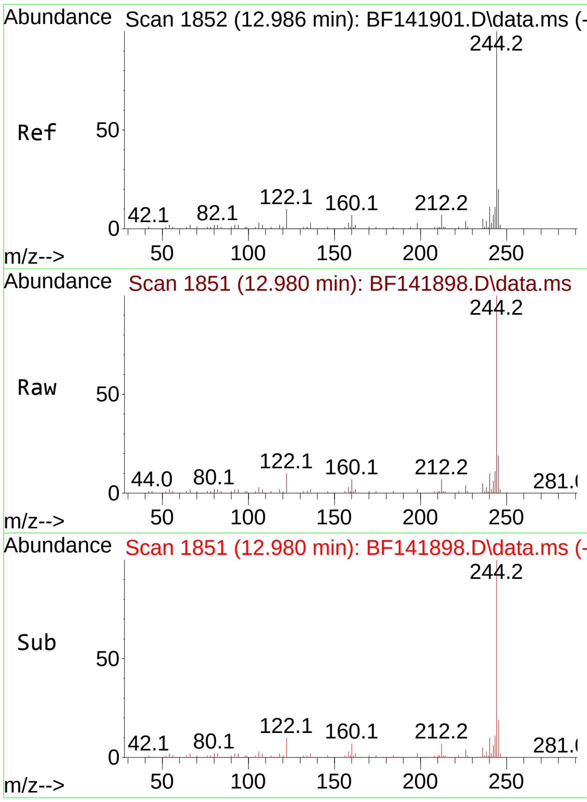
#78
Pyrene
Concen: 4.941 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:202 Resp: 315969

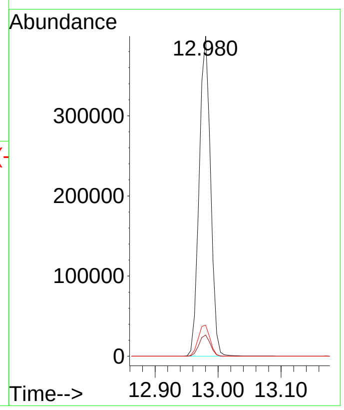
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.3	25.9
203	17.5	14.4	21.6

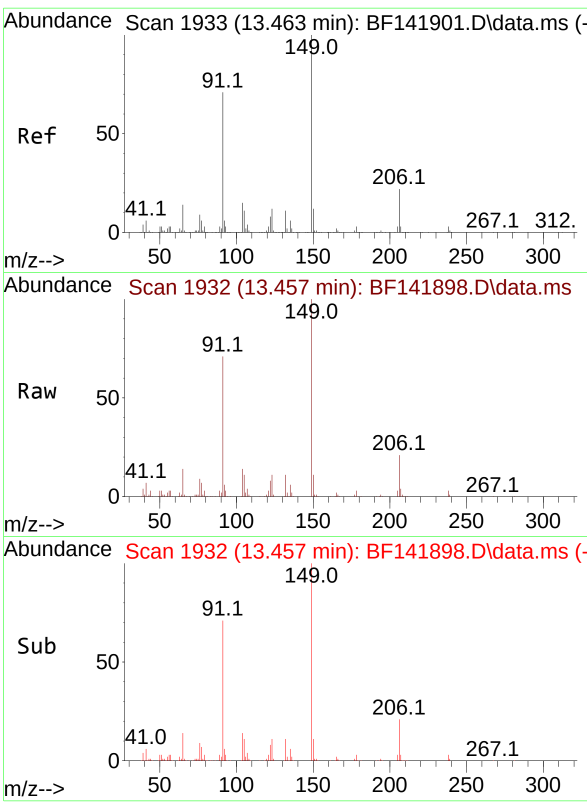


Instrument :
BNA_F
ClientSampleId :
SSTDICC005

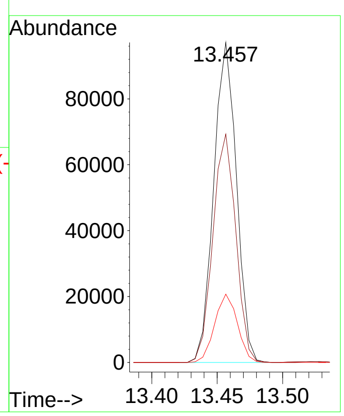



```
#79
Terphenyl-d14
Concen:     9.924 ng
RT:  12.980 min  Scan# 1
Delta R.T.   -0.006 min
Lab File:    BF141898.D
Acq: 10 Mar 2025  11:30

Tgt Ion:244 Resp:  500607
Ion  Ratio  Lower  Upper
244  100
212    6.6    6.0    9.0
122    9.7    7.7   11.5
```

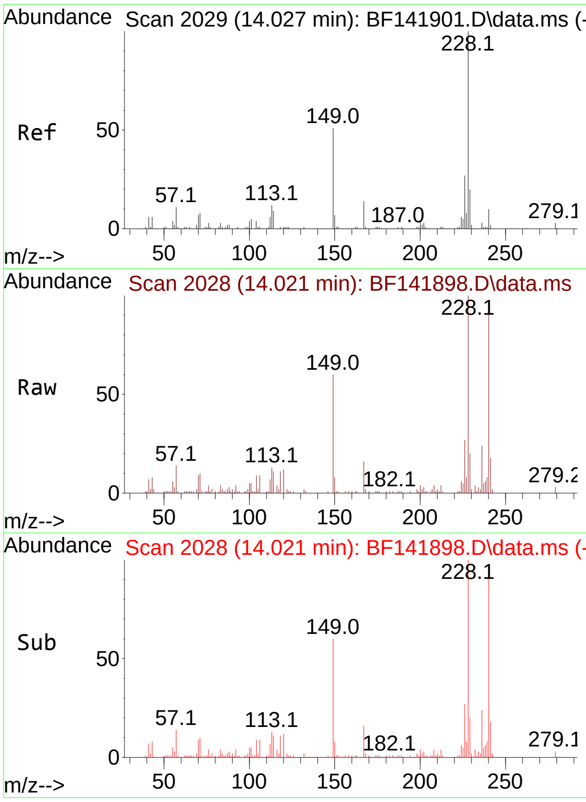





```
#80
Butylbenzylphthalate
Concen:     4.653 ng
RT:  13.457 min  Scan# 1932
Delta R.T.   -0.006 min
Lab File:    BF141898.D
Acq: 10 Mar 2025  11:30

Tgt Ion:149 Resp:  117256
Ion  Ratio  Lower  Upper
149  100
 91   71.4   56.5   84.7
206   21.4   17.3   25.9
```



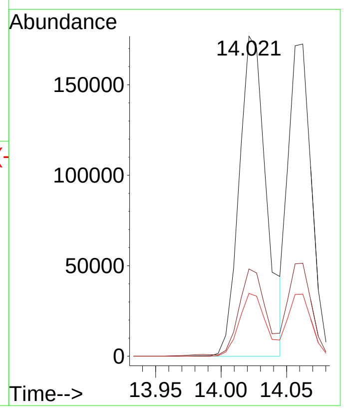
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

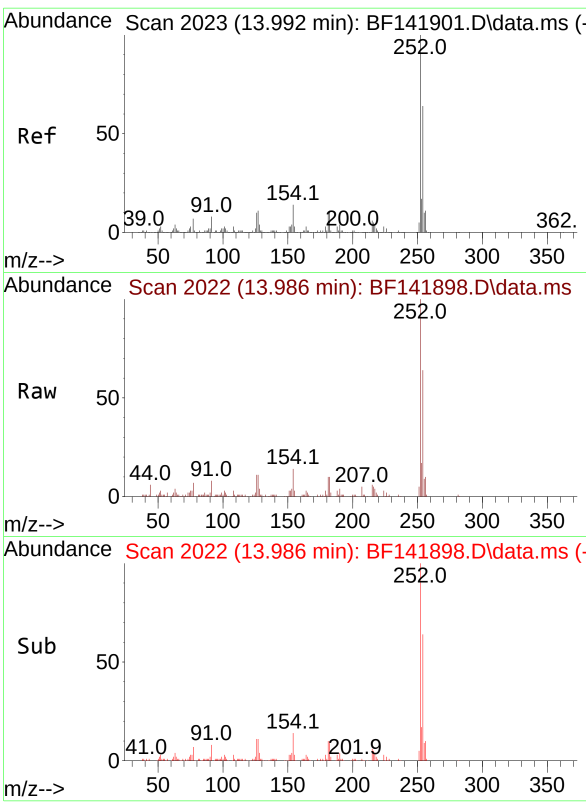


#81
Benzo(a)anthracene
Concen: 5.205 ng
RT: 14.021 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:228 Resp: 255308

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.6	16.0	24.0

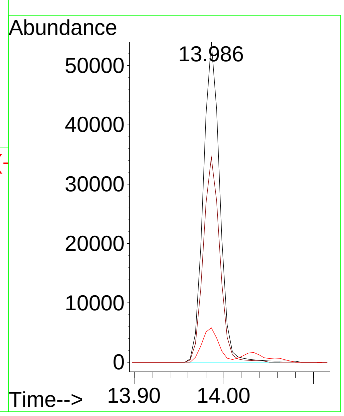




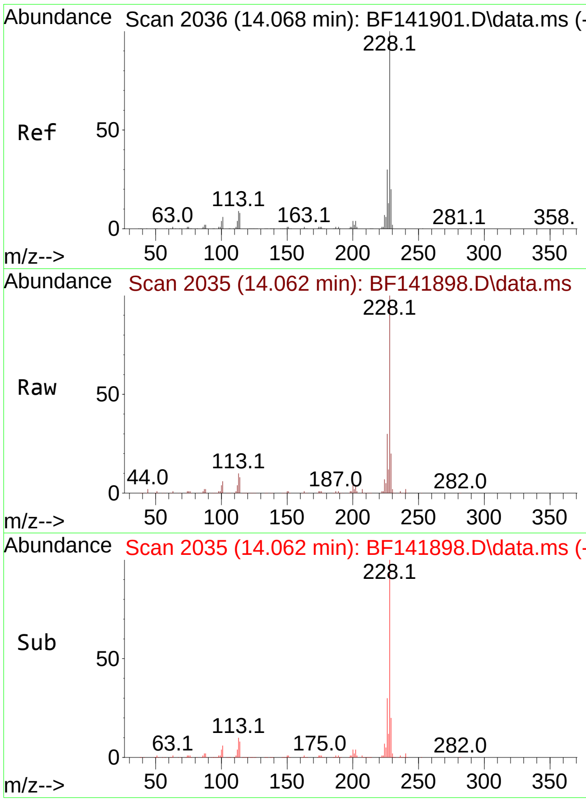
#82
3,3'-Dichlorobenzidine
Concen: 4.865 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:252 Resp: 68969

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.0	76.6
126	10.7	8.4	12.6



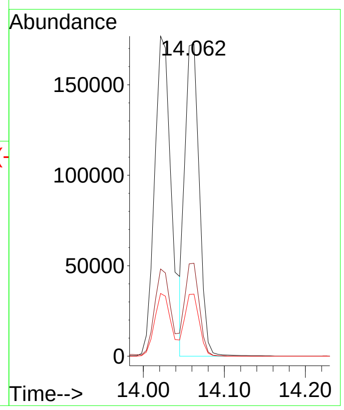
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

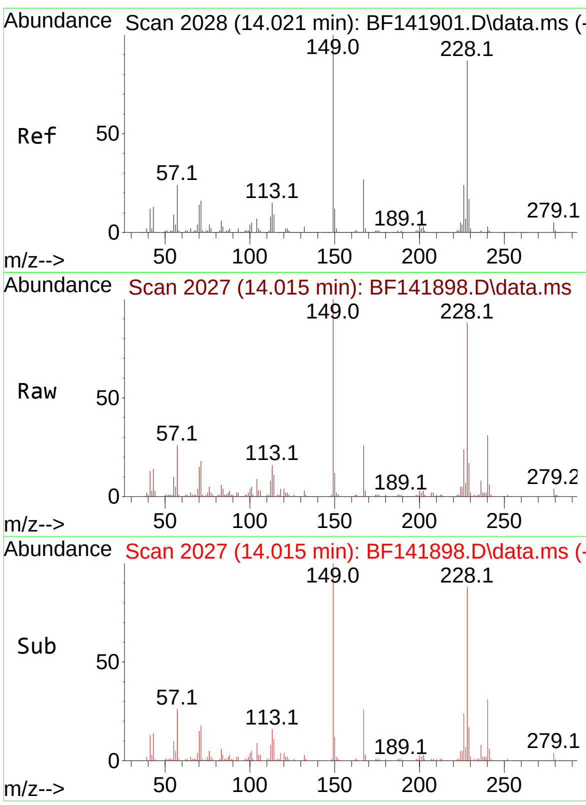


#83
Chrysene
Concen: 4.837 ng
RT: 14.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:228 Resp: 213144

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.9	15.7	23.5

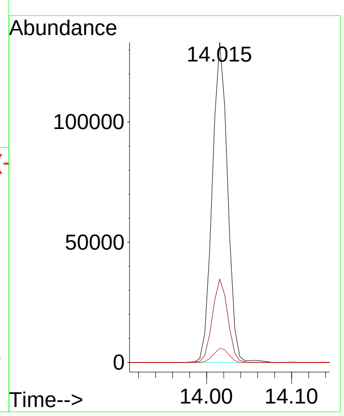




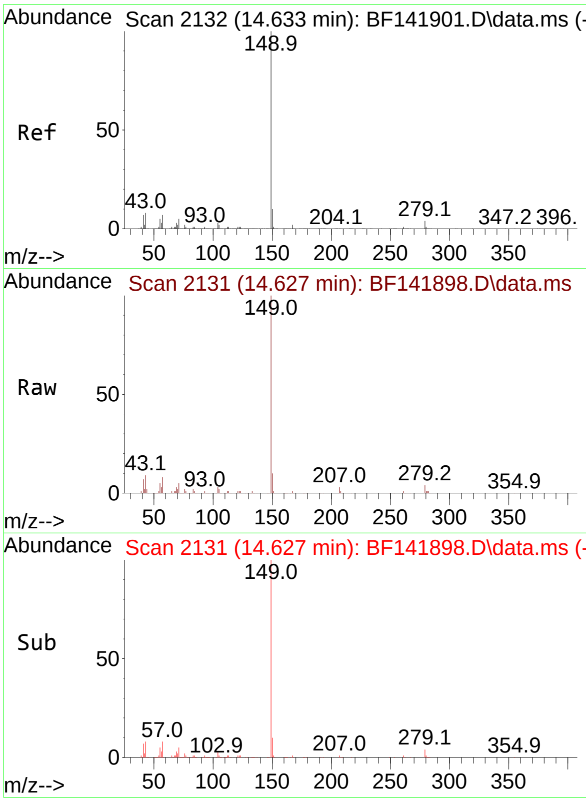
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.836 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:149 Resp: 167165

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.4	32.0
279	4.4	3.8	5.6



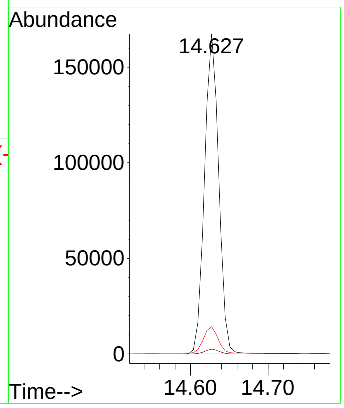
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

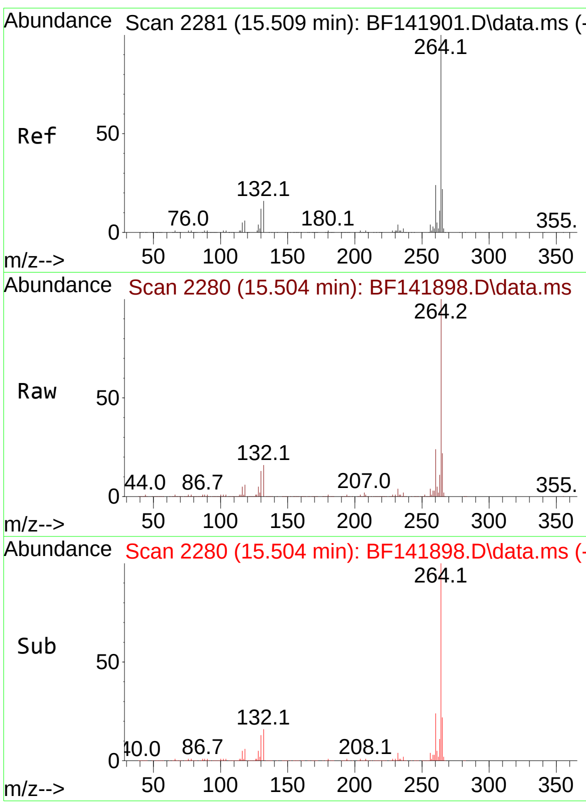


#85
Di-n-octyl phthalate
Concen: 4.435 ng
RT: 14.627 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:149 Resp: 213395

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.4	6.9	10.3

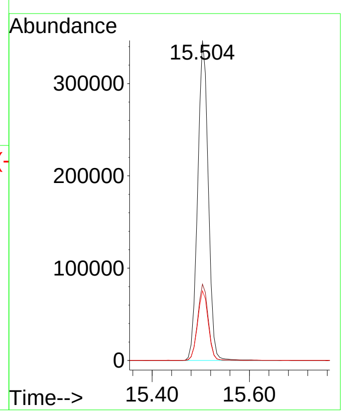




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:264 Resp: 527129

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.7	17.5	26.3



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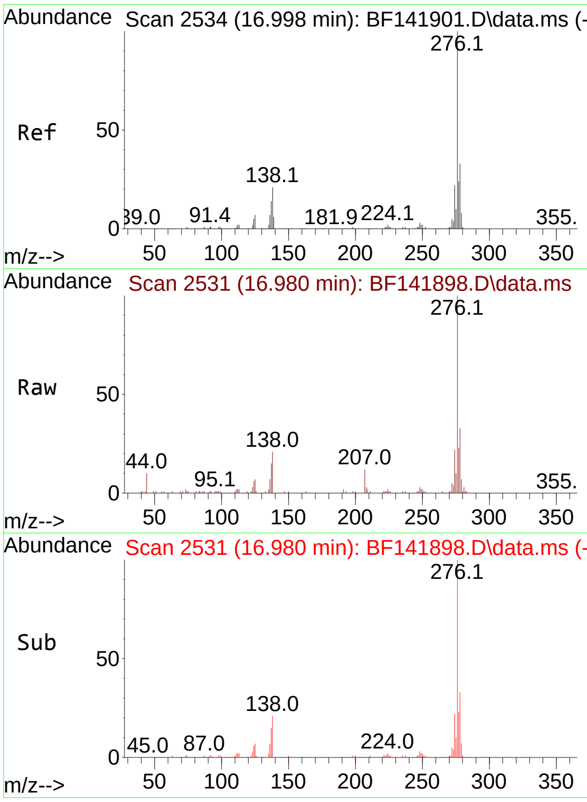
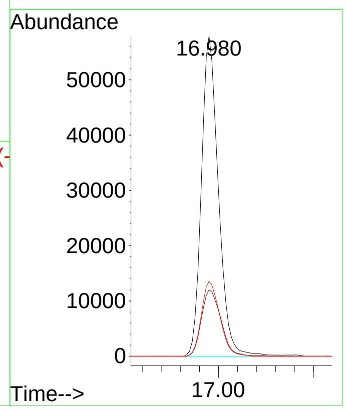
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

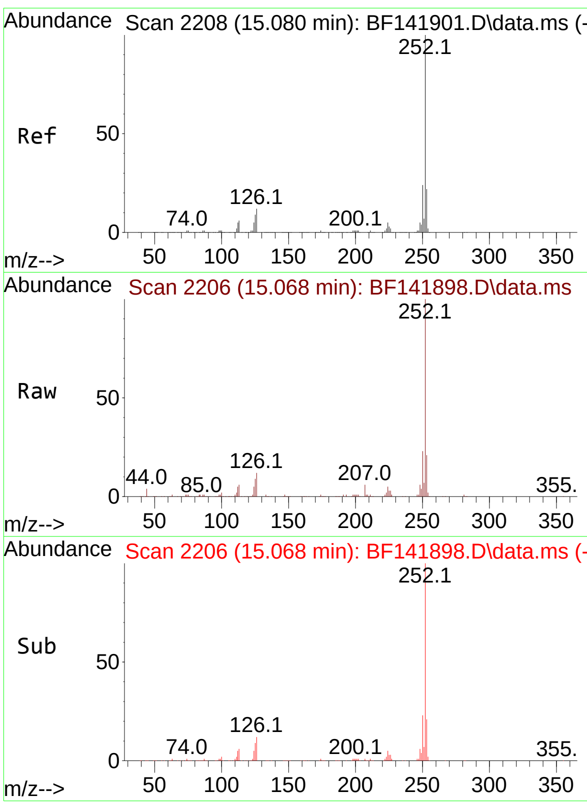


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.228 ng
RT: 16.980 min Scan# 2531
Delta R.T. -0.018 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:276 Resp: 144536

Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.4	27.6
277	25.1	20.3	30.5

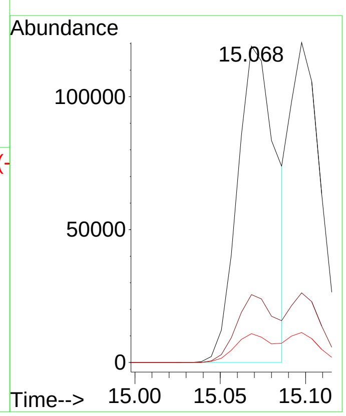




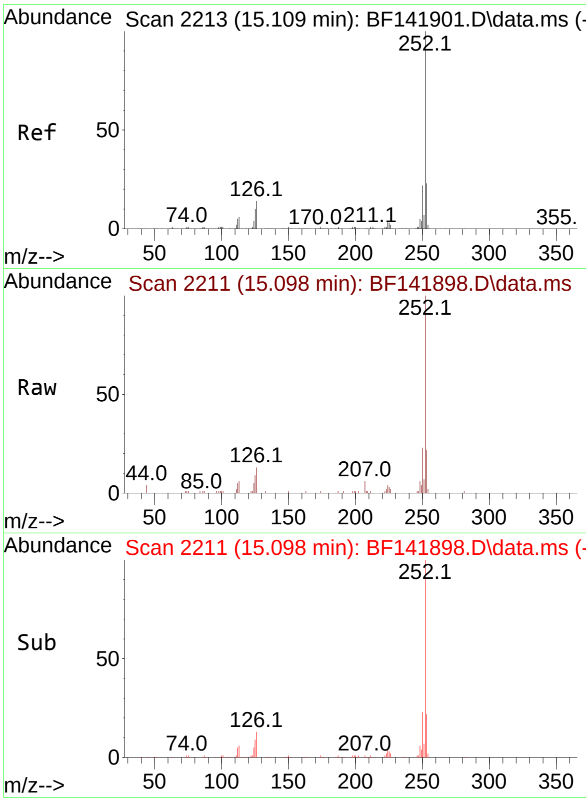
#88
Benzo(b)fluoranthene
Concen: 5.234 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:252 Resp: 187154

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	9.1	7.0	10.4



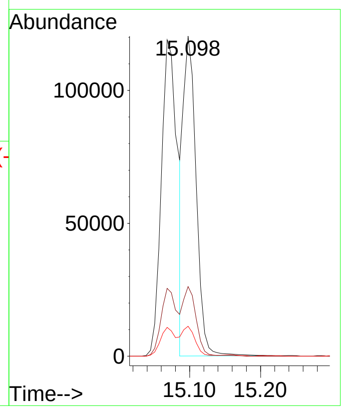
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

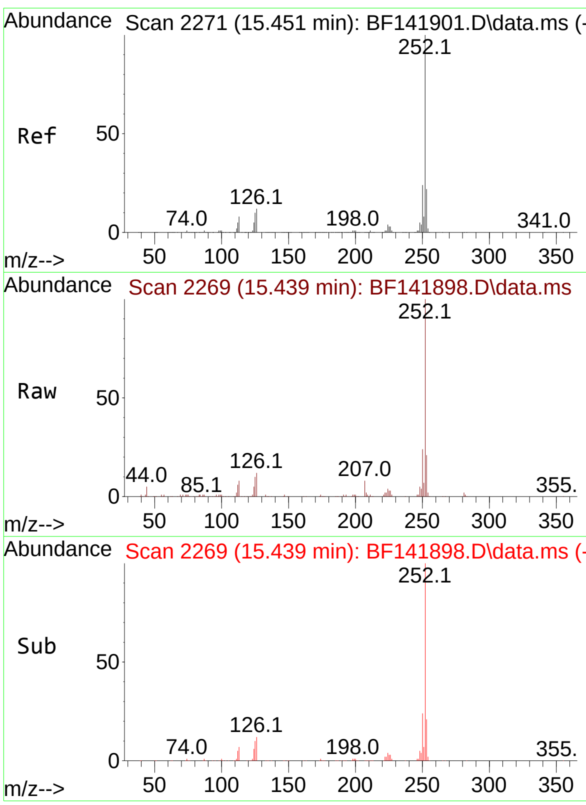


#89
Benzo(k)fluoranthene
Concen: 4.903 ng
RT: 15.098 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:252 Resp: 153142

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.4	7.2	10.8

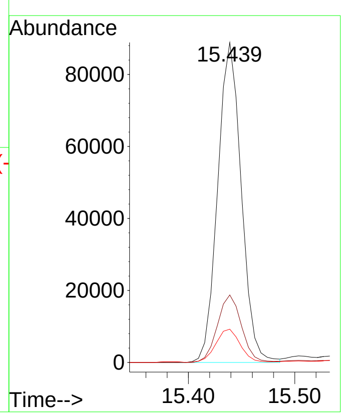




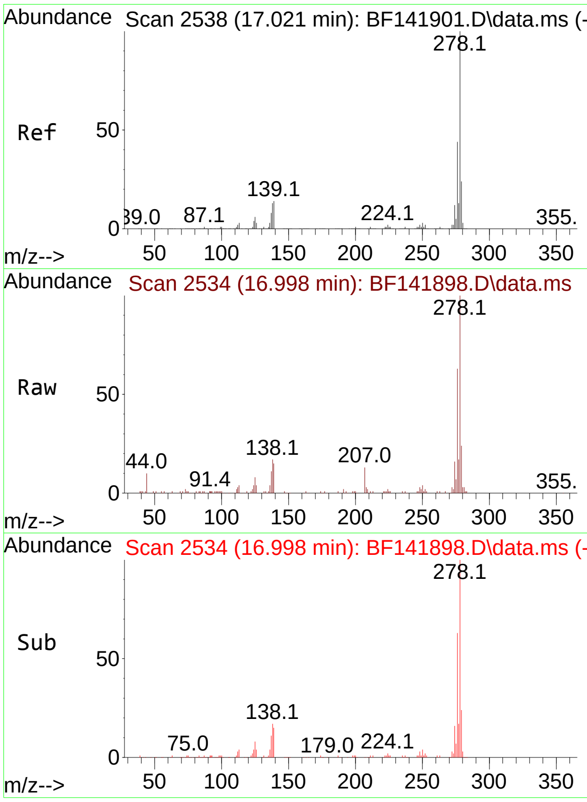
#90
Benzo(a)pyrene
Concen: 4.860 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:252 Resp: 137043

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.0
125	10.4	7.8	11.8



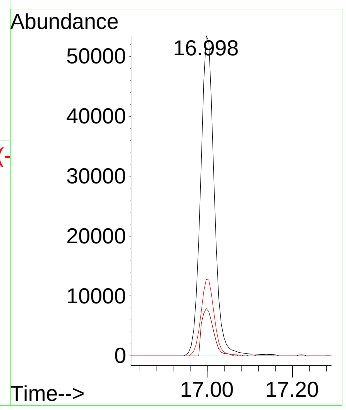
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

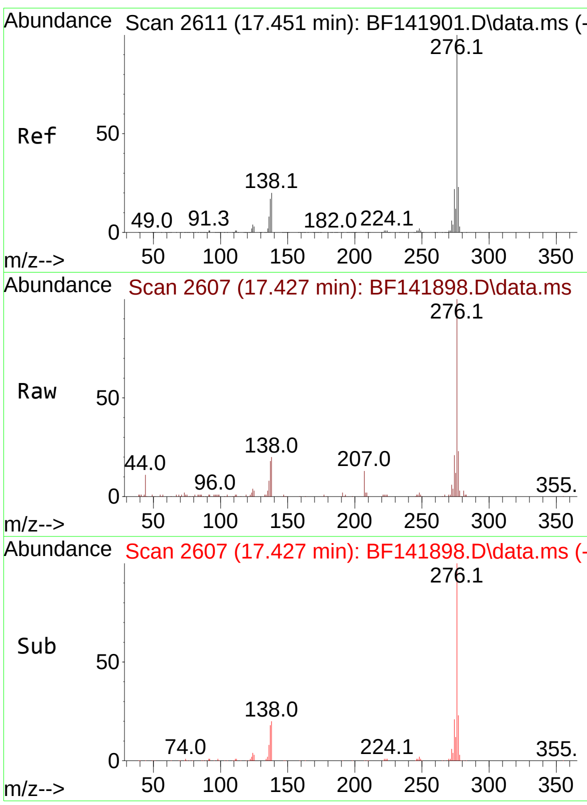


#91
Dibenzo(a,h)anthracene
Concen: 4.252 ng
RT: 16.998 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:278 Resp: 119937

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.4	17.2
279	23.9	18.8	28.2

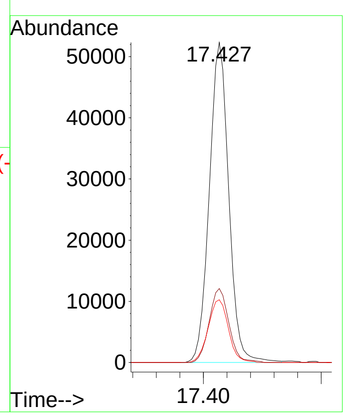




#92
Benzo(g,h,i)perylene
Concen: 4.294 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.024 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:276 Resp: 120142

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.7	28.1
138	19.6	15.8	23.8



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141899.D
Acq On : 10 Mar 2025 12:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Mar 10 15:33:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	224499	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	921725	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	541295	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	966771	20.000	ng		0.00
76) Chrysene-d12	14.039	240	703100	20.000	ng		0.00
86) Perylene-d12	15.510	264	510790	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	279139	20.746	ng		0.00
7) Phenol-d6	6.493	99	357672	20.872	ng		-0.01
23) Nitrobenzene-d5	7.434	82	328098	19.951	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	127785	18.630	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	746589	21.003	ng		0.00
79) Terphenyl-d14	12.980	244	920159	19.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	54068	9.588	ng		98
3) Pyridine	3.440	79	135148	9.752	ng		99
4) n-Nitrosodimethylamine	3.369	42	62411	9.474	ng	#	98
6) Aniline	6.540	93	179854	10.631	ng		99
8) 2-Chlorophenol	6.657	128	151998	10.192	ng		97
9) Benzaldehyde	6.428	77	114586	11.963	ng		99
10) Phenol	6.504	94	187967	10.396	ng		98
11) bis(2-Chloroethyl)ether	6.610	93	139813	10.321	ng		99
12) 1,3-Dichlorobenzene	6.822	146	167192	10.374	ng		98
13) 1,4-Dichlorobenzene	6.898	146	168717	10.347	ng		98
14) 1,2-Dichlorobenzene	7.051	146	159032	10.357	ng		98
15) Benzyl Alcohol	7.010	79	140530	10.132	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	171225	10.487	ng		98
17) 2-Methylphenol	7.116	107	117869	9.945	ng		99
18) Hexachloroethane	7.392	117	61809	10.111	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	112281	10.194	ng		97
20) 3+4-Methylphenols	7.269	107	156526	10.296	ng		92
22) Acetophenone	7.281	105	227350	10.282	ng		99
24) Nitrobenzene	7.457	77	161777	9.922	ng		99
25) Isophorone	7.692	82	285760	9.842	ng		99
26) 2-Nitrophenol	7.775	139	73301	9.174	ng		98
27) 2,4-Dimethylphenol	7.804	122	107669	9.784	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	187307	10.298	ng		98
29) 2,4-Dichlorophenol	8.010	162	135772	9.941	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	149790	9.941	ng		99
31) Naphthalene	8.181	128	495470	10.493	ng		99
32) Benzoic acid	7.869	122	68640	7.136	ng		98
33) 4-Chloroaniline	8.228	127	173977	10.441	ng		98
34) Hexachlorobutadiene	8.298	225	97298	9.931	ng		98
35) Caprolactam	8.563	113	41208	9.922	ng		97
36) 4-Chloro-3-methylphenol	8.698	107	152340	10.029	ng		96
37) 2-Methylnaphthalene	8.869	142	326733	10.313	ng		99
38) 1-Methylnaphthalene	8.969	142	318324	10.376	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	163481	9.905	ng		99
41) Hexachlorocyclopentadiene	9.022	237	59769	9.177	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	105191	9.777	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141899.D
Acq On : 10 Mar 2025 12:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Mar 10 15:33:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	105943	9.692 ng	99
46) 1,1'-Biphenyl	9.334	154	425640	10.372 ng	98
47) 2-Chloronaphthalene	9.357	162	308729	10.094 ng	98
48) 2-Nitroaniline	9.451	65	84854	9.658 ng	98
49) Acenaphthylene	9.775	152	470801	10.383 ng	99
50) Dimethylphthalate	9.628	163	382722	10.176 ng	100
51) 2,6-Dinitrotoluene	9.692	165	75577	9.663 ng	97
52) Acenaphthene	9.945	154	323406	10.101 ng	100
53) 3-Nitroaniline	9.857	138	79944	9.955 ng	96
54) 2,4-Dinitrophenol	9.963	184	23121	11.386 ng #	71
55) Dibenzofuran	10.116	168	483596	10.593 ng	98
56) 4-Nitrophenol	10.004	139	58549	9.706 ng	98
57) 2,4-Dinitrotoluene	10.092	165	103313	10.035 ng	98
58) Fluorene	10.463	166	368370	10.452 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	98725	9.954 ng	99
60) Diethylphthalate	10.328	149	398003	10.542 ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	186237	10.145 ng	99
62) 4-Nitroaniline	10.463	138	78048	10.030 ng	97
63) Azobenzene	10.610	77	368982	10.521 ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	40348	7.040 ng	99
66) n-Nitrosodiphenylamine	10.569	169	314758	10.078 ng	99
67) 4-Bromophenyl-phenylether	10.945	248	120534	10.011 ng	97
68) Hexachlorobenzene	11.010	284	129242	9.712 ng	98
69) Atrazine	11.092	200	102822	13.502 ng	99
70) Pentachlorophenol	11.198	266	73112	8.909 ng	99
71) Phenanthrene	11.422	178	556546	10.646 ng	98
72) Anthracene	11.475	178	550767	10.501 ng	100
73) Carbazole	11.628	167	480520	10.641 ng	99
74) Di-n-butylphthalate	11.957	149	638429	10.708 ng	99
75) Fluoranthene	12.610	202	592806	10.801 ng	99
77) Benzidine	12.733	184	108761	10.946 ng	99
78) Pyrene	12.839	202	580442	9.626 ng	99
80) Butylbenzylphthalate	13.457	149	230714	9.710 ng	98
81) Benzo(a)anthracene	14.027	228	458422	9.911 ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	136843	10.236 ng	99
83) Chrysene	14.063	228	419687	10.100 ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	320536	9.833 ng	99
85) Di-n-octyl phthalate	14.627	149	428377	9.442 ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	291723	8.807 ng	99
88) Benzo(b)fluoranthene	15.074	252	334664	9.659 ng	99
89) Benzo(k)fluoranthene	15.104	252	323772	10.698 ng	99
90) Benzo(a)pyrene	15.439	252	266149	9.740 ng	99
91) Dibenzo(a,h)anthracene	17.004	278	243443	8.907 ng	98
92) Benzo(g,h,i)perylene	17.433	276	242380	8.941 ng	99

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

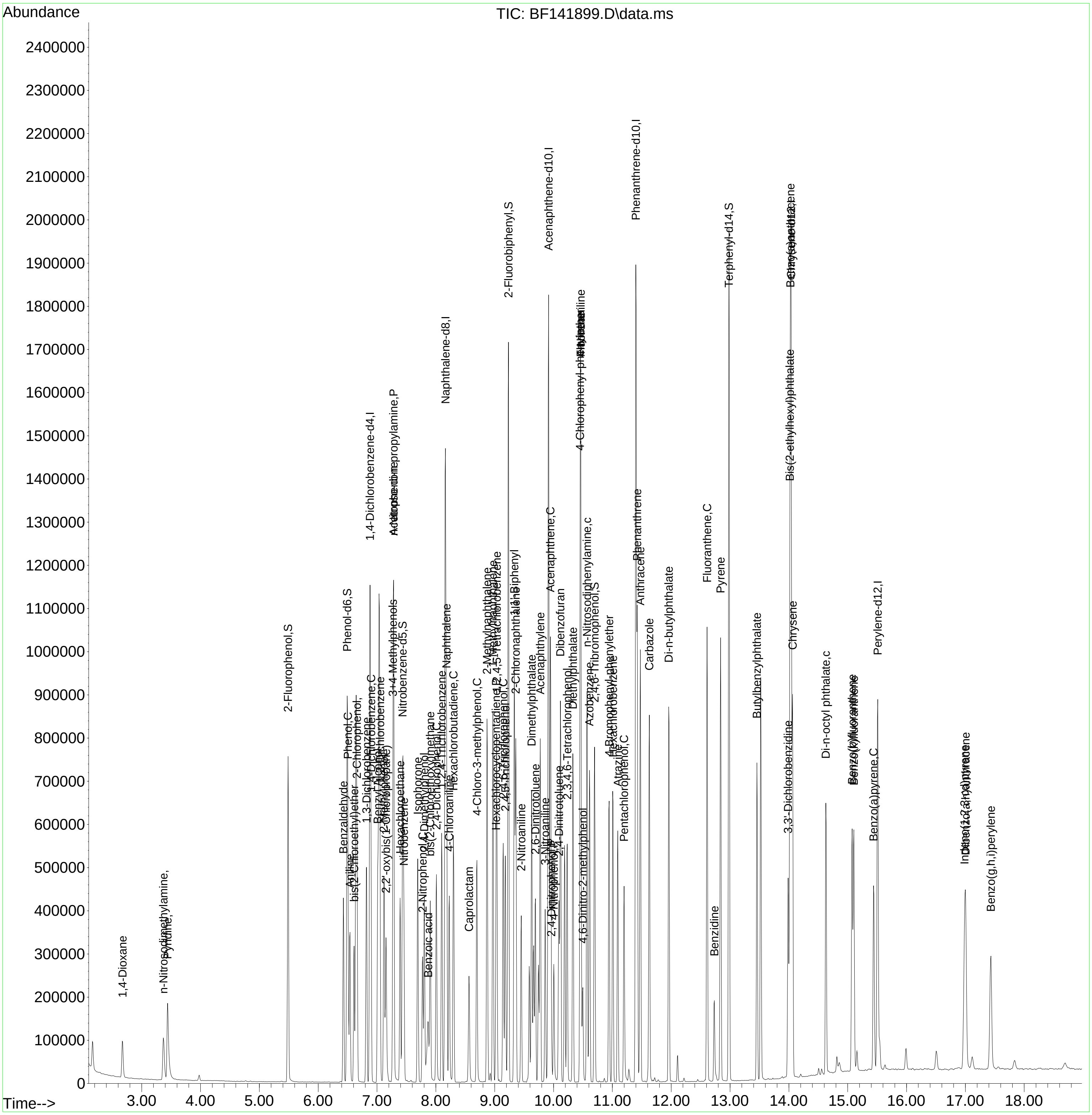
Quantitation Report (QT Reviewed)

ICAL Form

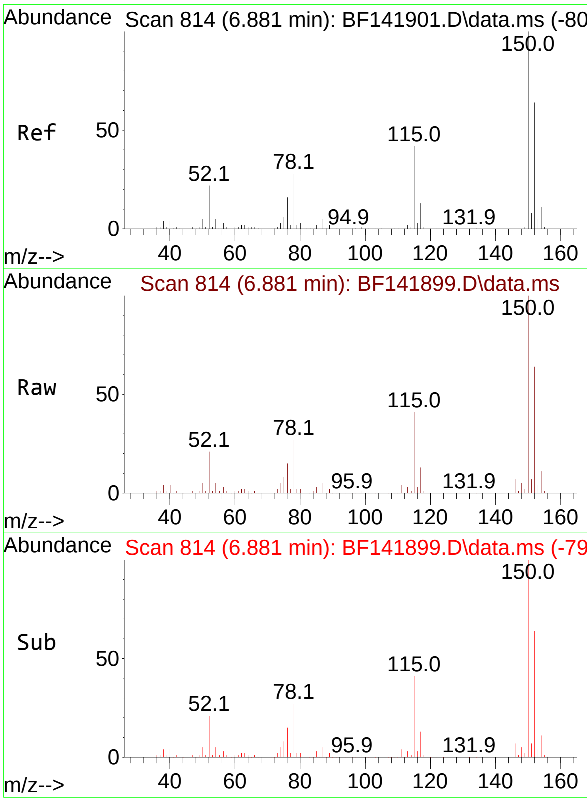
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141899.D
Acq On : 10 Mar 2025 12:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Mar 10 15:33:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



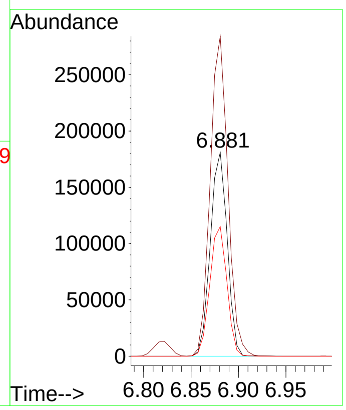
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

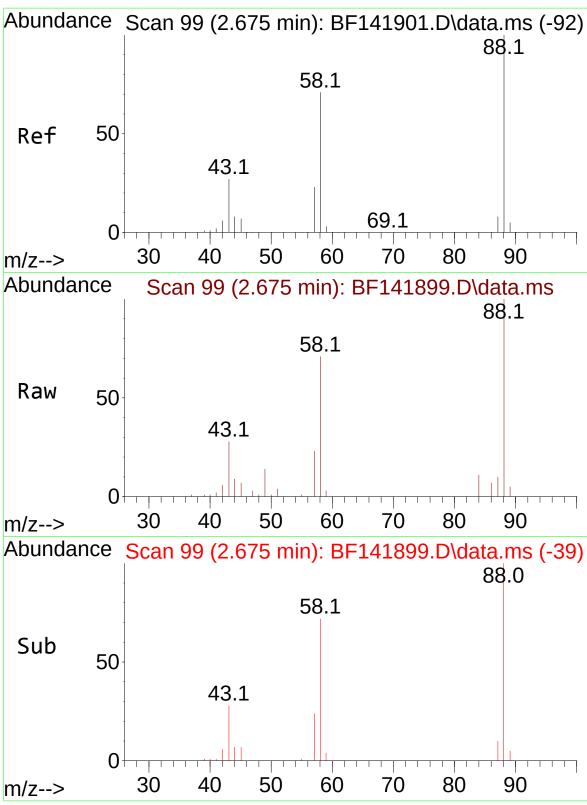


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:152 Resp: 224499

Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.4	191.2
115	63.6	51.9	77.9

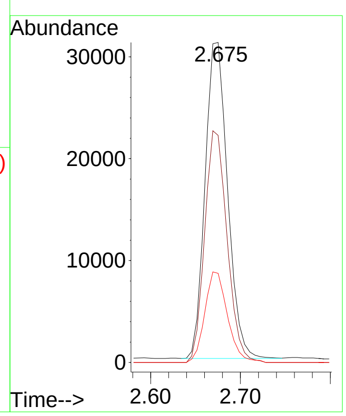




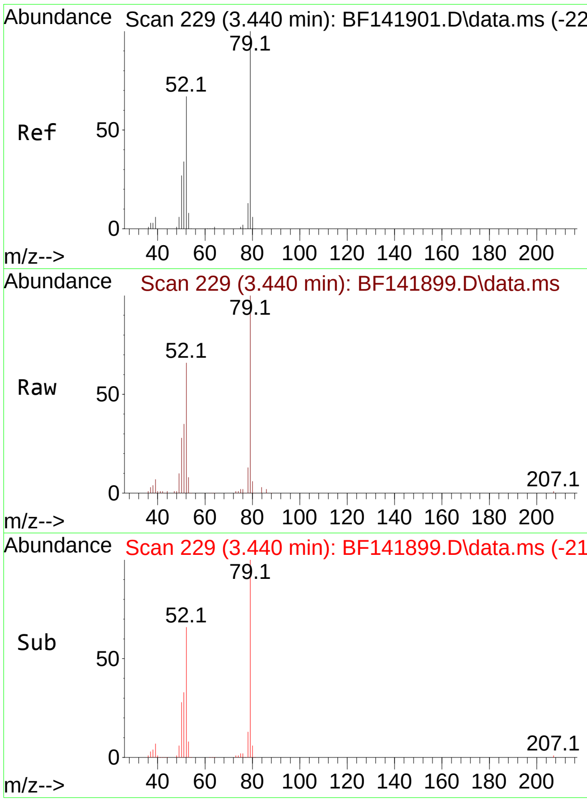
#2
1,4-Dioxane
Concen: 9.588 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion: 88 Resp: 54068

Ion	Ratio	Lower	Upper
88	100		
58	72.9	57.4	86.2
43	28.8	21.5	32.3



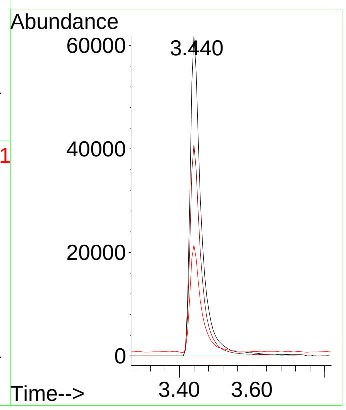
Instrument : BNA_F
ClientSampleId : SSTDICC010

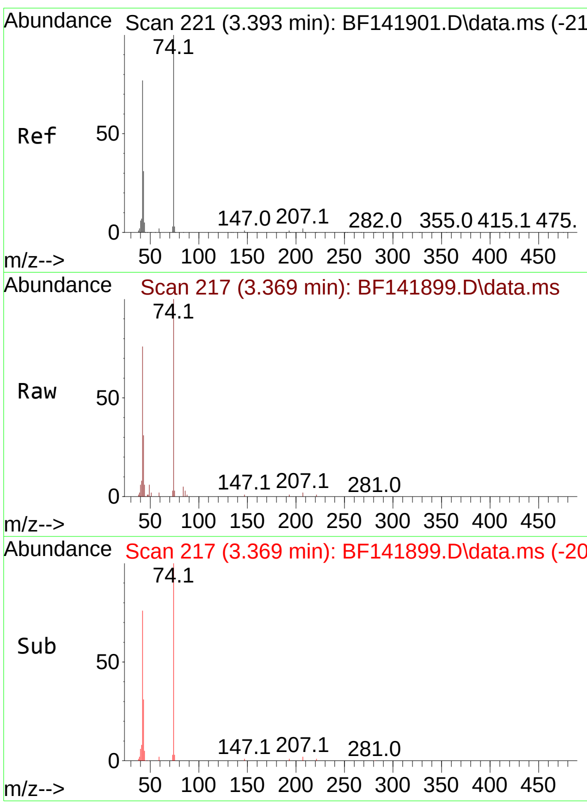


#3
Pyridine
Concen: 9.752 ng
RT: 3.440 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion: 79 Resp: 135148

Ion	Ratio	Lower	Upper
79	100		
52	66.0	53.3	79.9
51	34.7	27.6	41.4

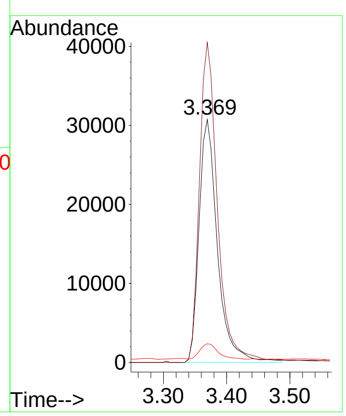




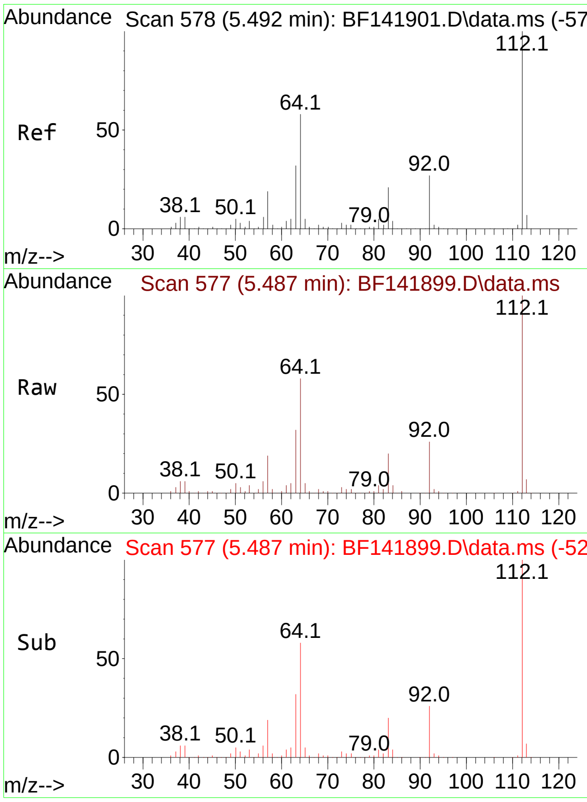
#4
n-Nitrosodimethylamine
Concen: 9.474 ng
RT: 3.369 min Scan# 217
Delta R.T. -0.023 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion: 42 Resp: 62411

Ion	Ratio	Lower	Upper
42	100		
74	131.7	103.4	155.0
44	7.7	5.0	7.4#



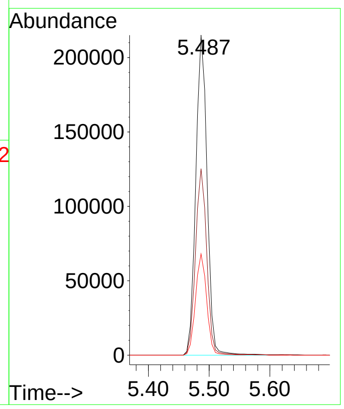
Instrument : BNA_F
ClientSampleId : SSTDICC010

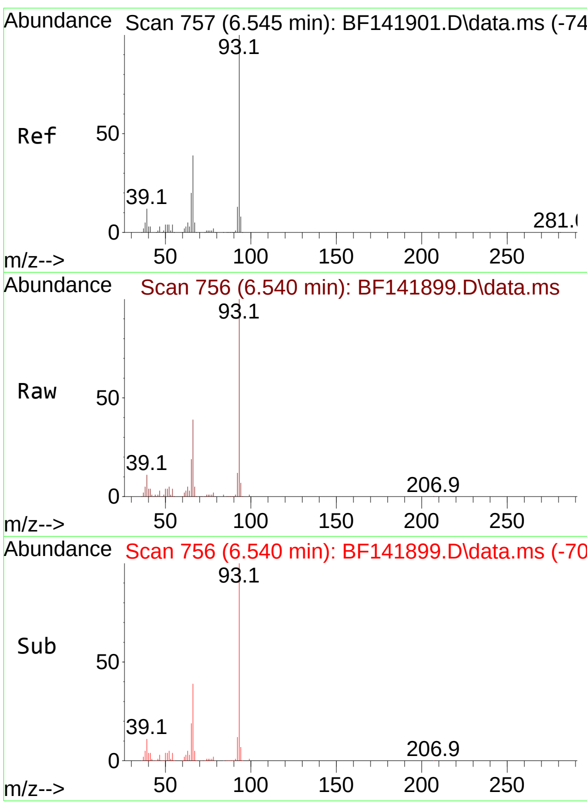


#5
2-Fluorophenol
Concen: 20.746 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:112 Resp: 279139

Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.5	69.7
63	31.6	25.4	38.2

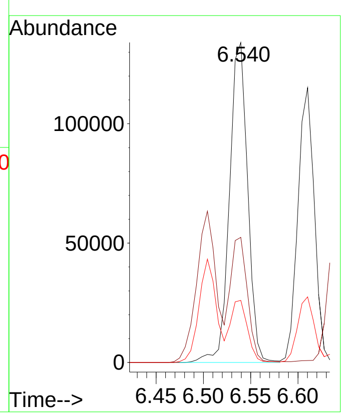




#6
Aniline
Concen: 10.631 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

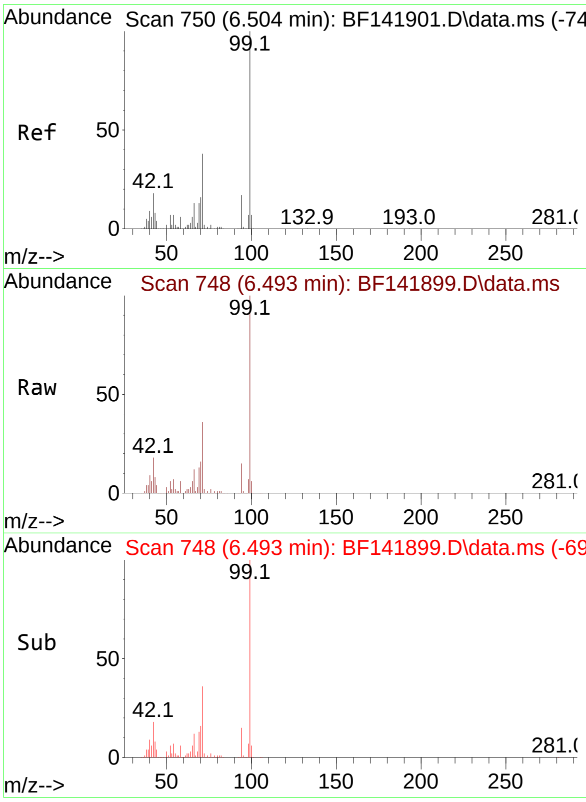
Tgt Ion: 93 Resp: 179854

Ion	Ratio	Lower	Upper
93	100		
66	39.1	31.9	47.9
65	19.4	15.8	23.6



ICAL Form

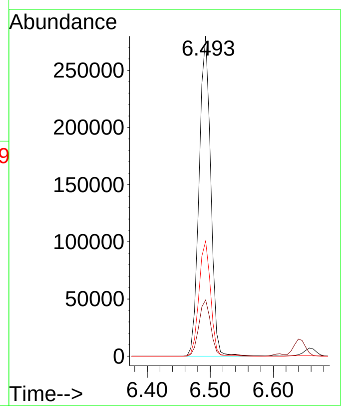
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

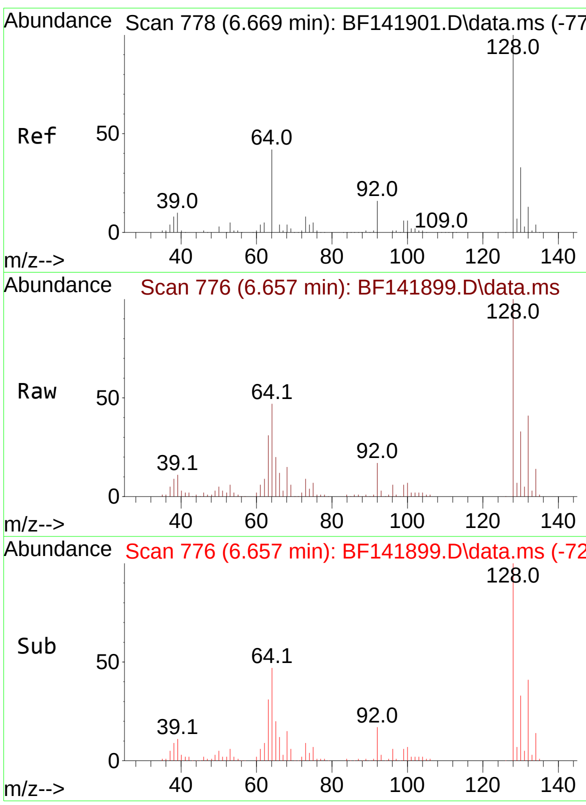


#7
Phenol-d6
Concen: 20.872 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion: 99 Resp: 357672

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.6	21.8
71	36.0	30.8	46.2

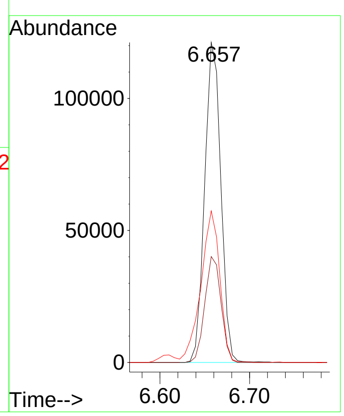




#8
2-Chlorophenol
Concen: 10.192 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

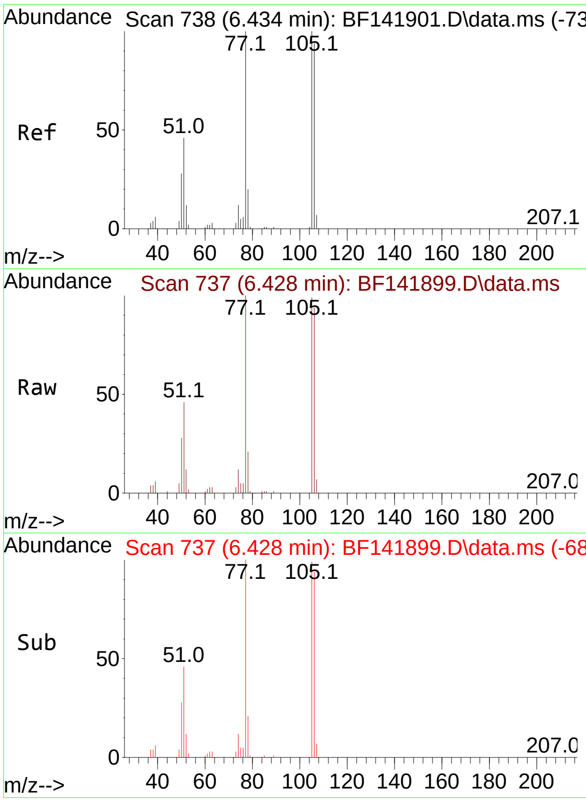
Tgt Ion:128 Resp: 151998

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.8	52.8
64	47.3	24.4	64.4

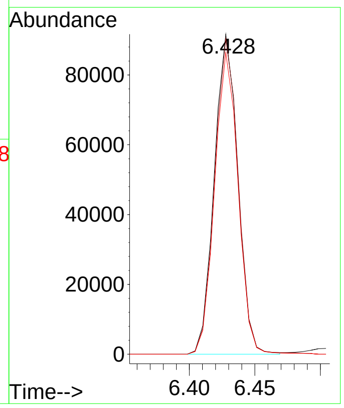


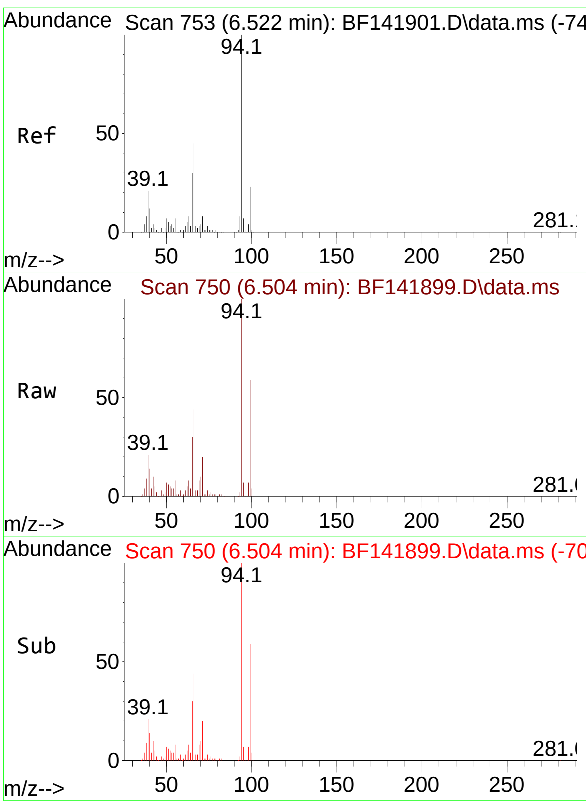
ICAL Form

Instrument : BNA_F
ClientSampleId : SSTDICC010

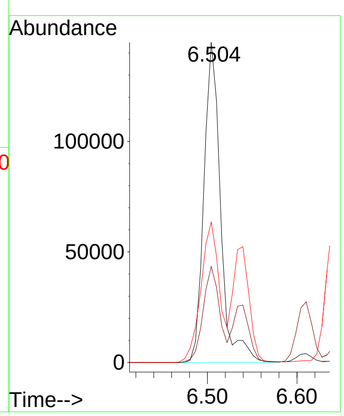



```
#9
Benzaldehyde
Concen:   11.963 ng
RT:   6.428 min   Scan# 7
Delta R.T.   -0.006 min
Lab File:   BF141899.D
Acq: 10 Mar 2025   12:00

Tgt Ion: 77 Resp:   114586
Ion   Ratio   Lower   Upper
 77   100
105    98.6    80.0   120.0
106    94.3    74.5   114.5
```

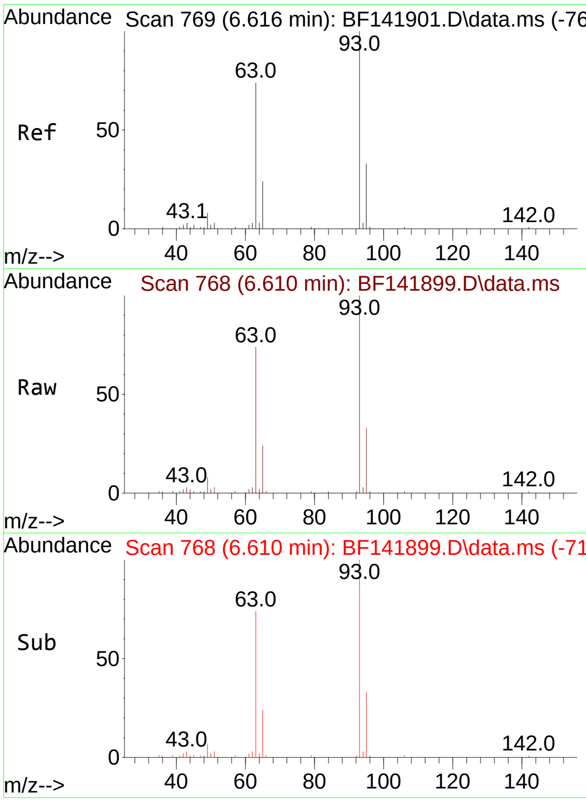





```
#10
Phenol
Concen:   10.396 ng
RT:   6.504 min   Scan# 750
Delta R.T.   -0.017 min
Lab File:   BF141899.D
Acq: 10 Mar 2025   12:00

Tgt Ion: 94 Resp:   187967
Ion   Ratio   Lower   Upper
 94   100
 65    29.9    10.5    50.5
 66    43.8    25.8    65.8
```



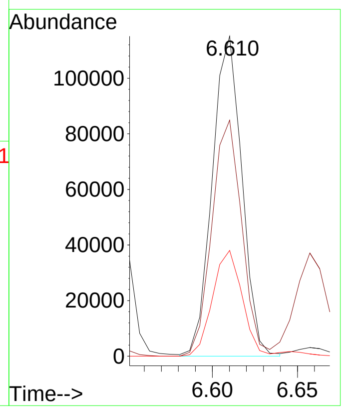
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

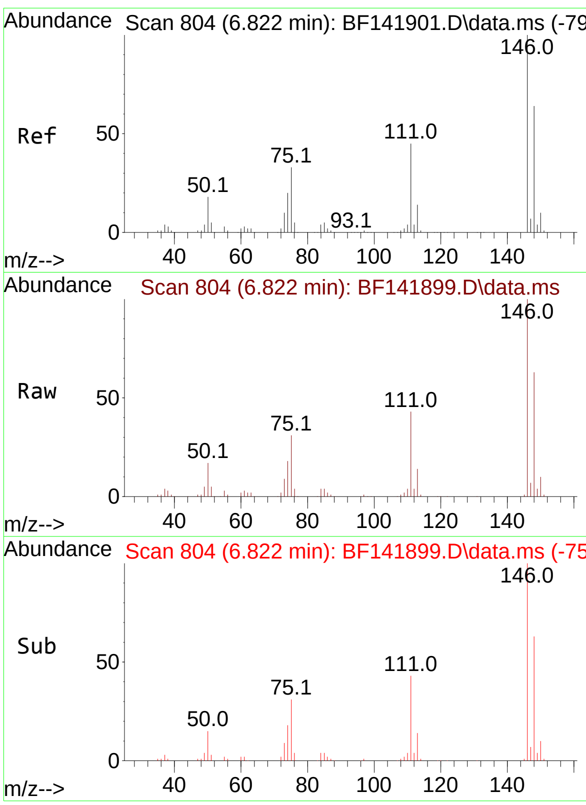


#11
bis(2-Chloroethyl)ether
Concen: 10.321 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion: 93 Resp: 139813

Ion	Ratio	Lower	Upper
93	100		
63	73.7	53.0	93.0
95	33.0	12.9	52.9

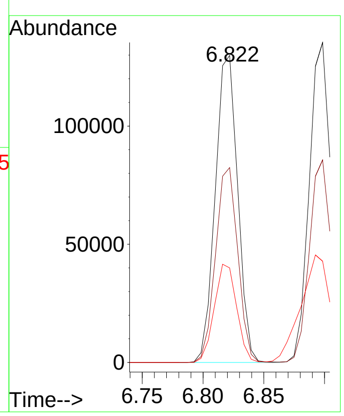




#12
1,3-Dichlorobenzene
Concen: 10.374 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:146 Resp: 167192

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.3	76.9
75	30.8	26.6	40.0



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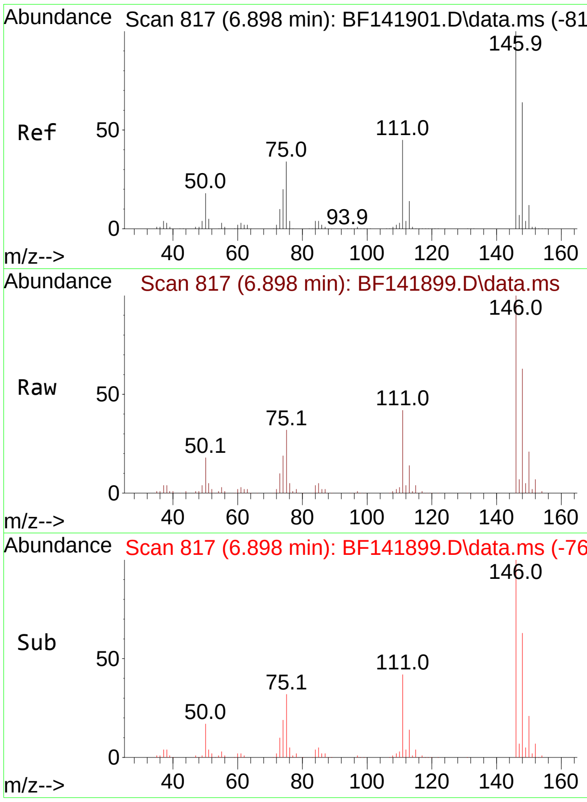
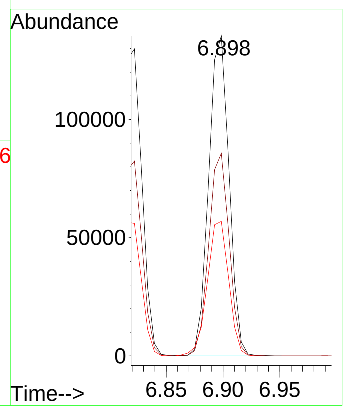


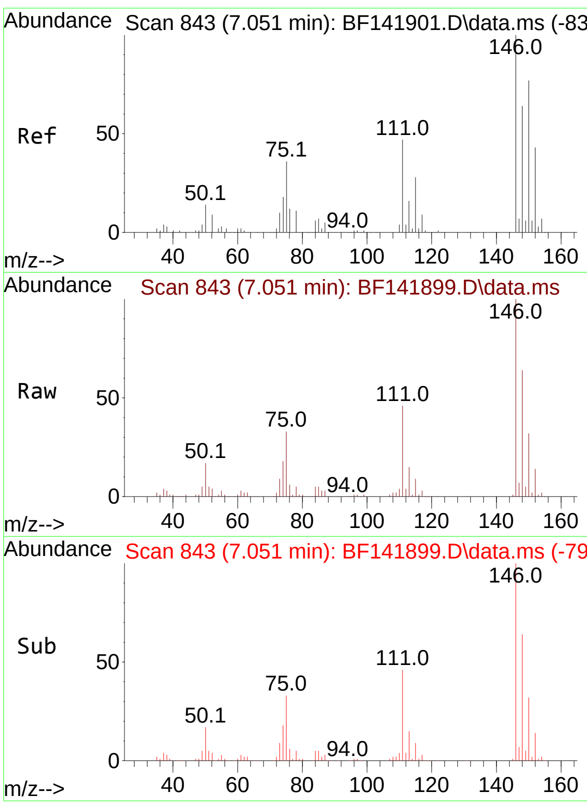
#13
1,4-Dichlorobenzene
Concen: 10.347 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 168717

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.6
111	42.1	35.7	53.5

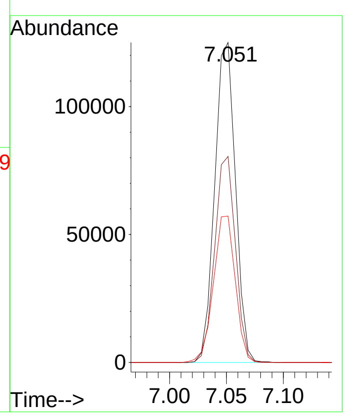




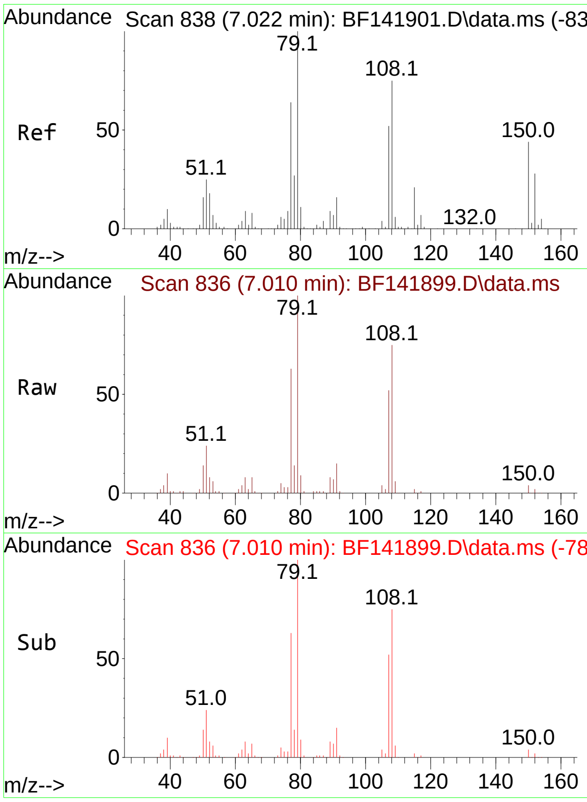
#14
1,2-Dichlorobenzene
Concen: 10.357 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:146 Resp: 159032

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	45.8	38.0	57.0



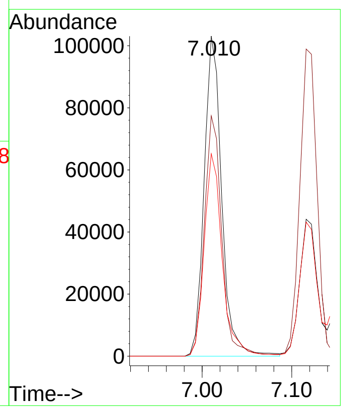
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

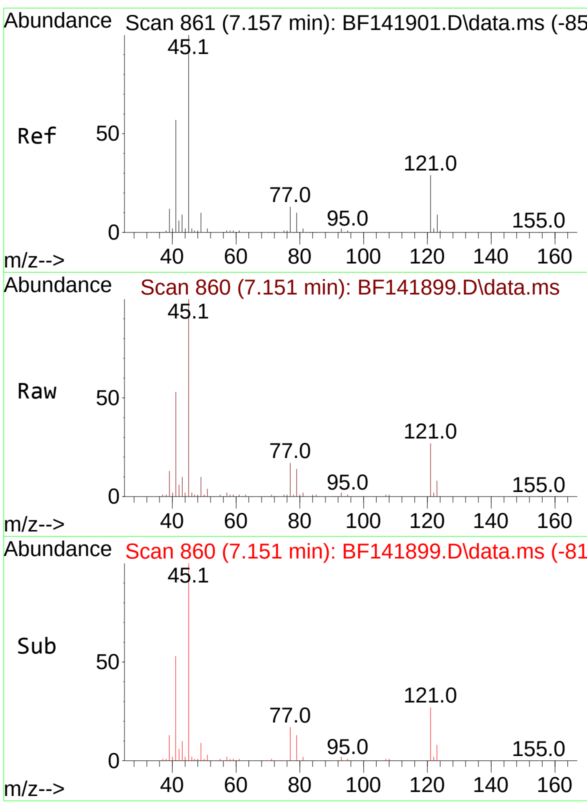


#15
Benzyl Alcohol
Concen: 10.132 ng
RT: 7.010 min   Scan# 8
Delta R.T.   -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025   12:00

Tgt Ion: 79 Resp: 140530

Ion	Ratio	Lower	Upper
79	100		
108	75.1	59.7	89.5
77	63.3	51.0	76.6

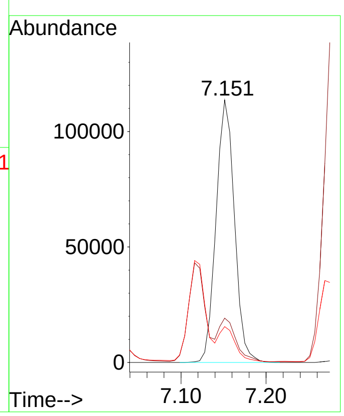




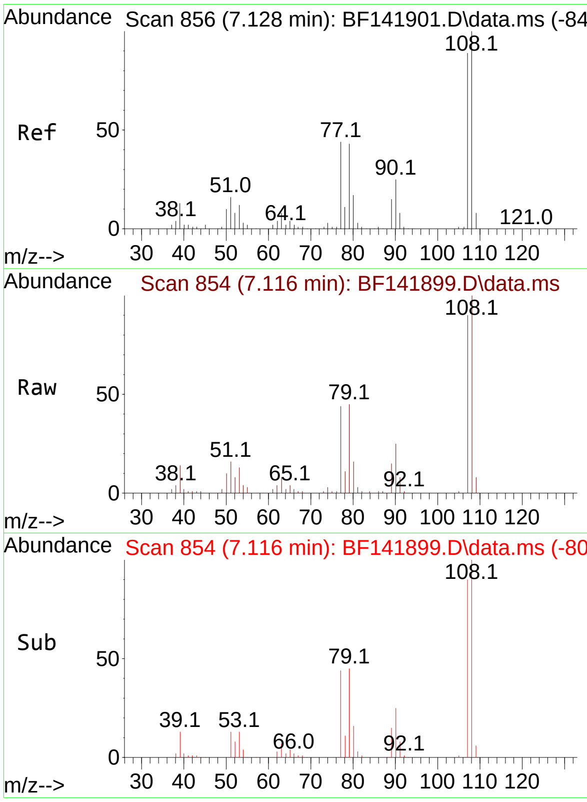
#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.487 ng
RT: 7.151 min   Scan# 860
Delta R.T.   -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025   12:00

Tgt Ion: 45 Resp: 171225

Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	37.8
79	13.7	0.0	34.2



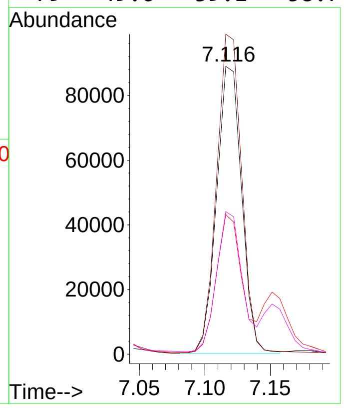
Instrument : BNA_F
ClientSampleId : SSTDICC010

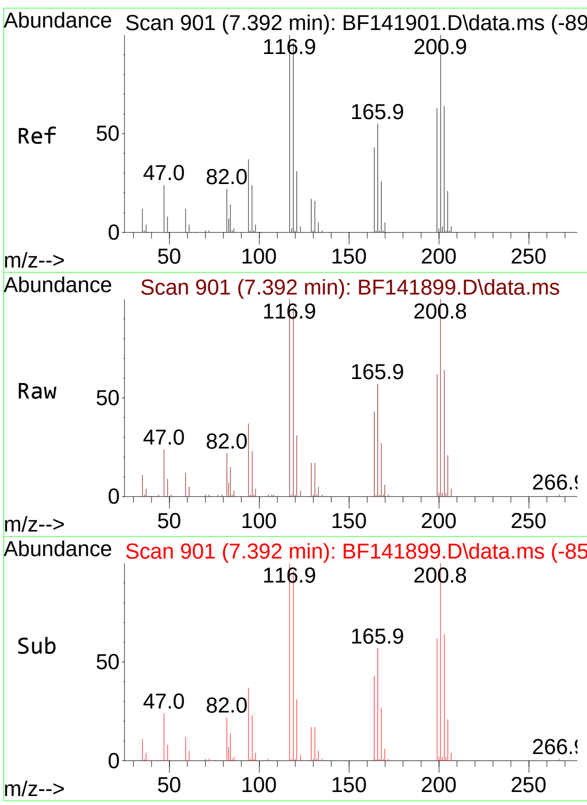


#17
2-Methylphenol
Concen: 9.945 ng
RT: 7.116 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:107 Resp: 117869

Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.2	135.2
77	48.5	39.6	59.4
79	49.6	39.1	58.7

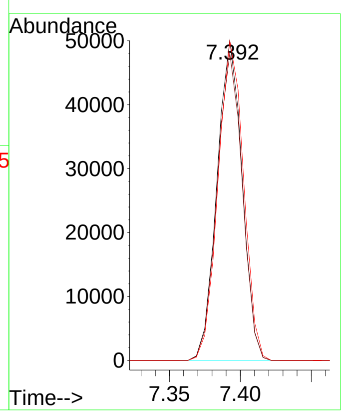




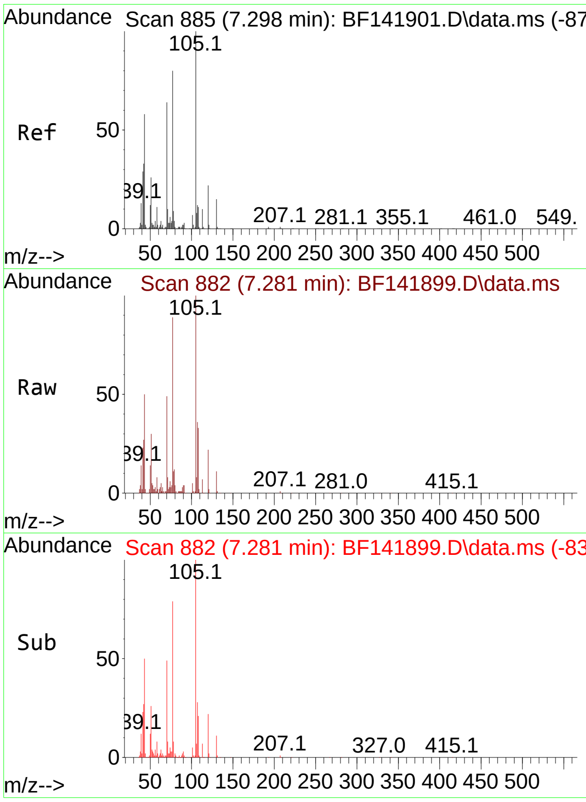
#18
Hexachloroethane
Concen: 10.111 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:117 Resp: 61809

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
201	99.9	79.9	119.9



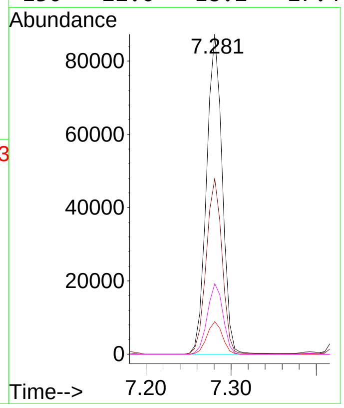
Instrument : BNA_F
ClientSampleId : SSTDICC010

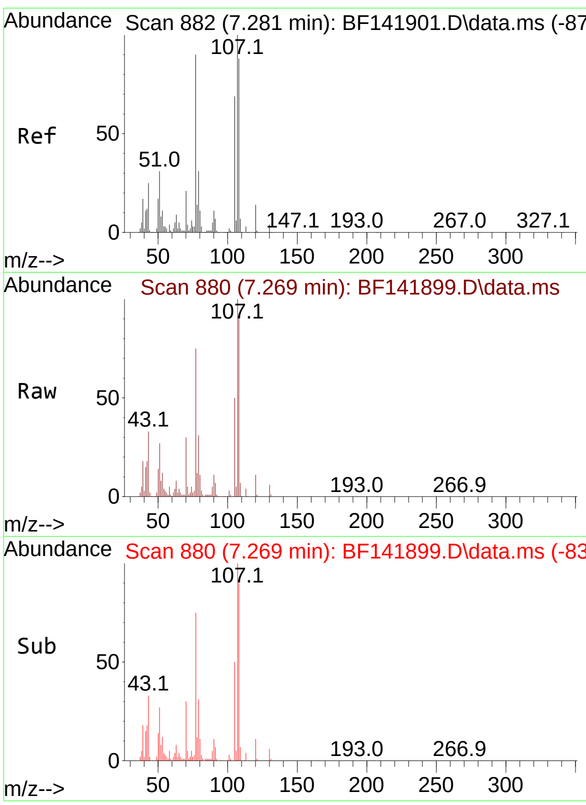


#19
n-Nitroso-di-n-propylamine
Concen: 10.194 ng
RT: 7.281 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion: 70 Resp: 112281

Ion	Ratio	Lower	Upper
70	100		
42	54.9	41.4	62.0
101	10.2	8.2	12.2
130	22.0	18.2	27.4

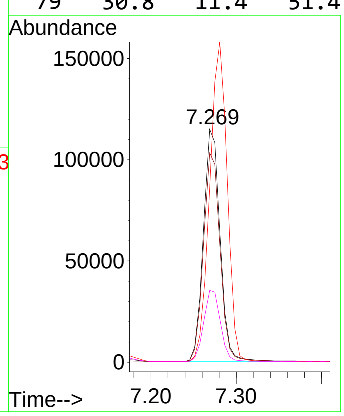




#20
3+4-Methylphenols
Concen: 10.296 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:107 Resp: 156526

Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.4	108.4
77	75.0	69.7	109.7
79	30.8	11.4	51.4



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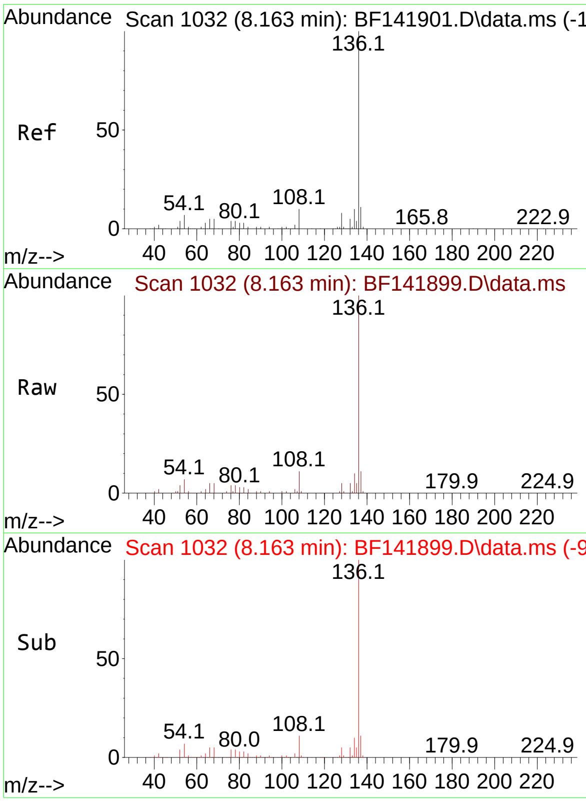
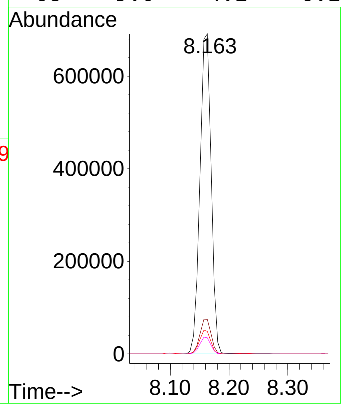
Instrument : BNA_F
ClientSampleId : SSTDICC010

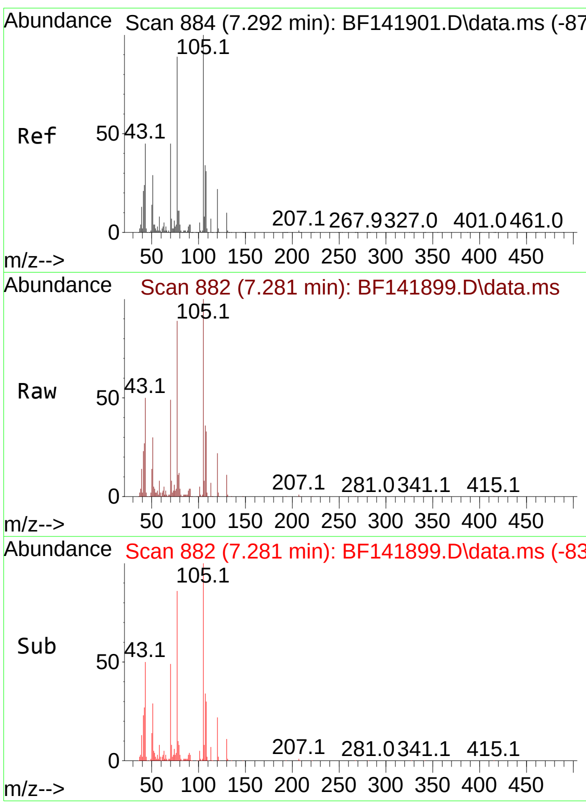


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:136 Resp: 921725

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.0	5.8	8.8
68	5.0	4.1	6.1

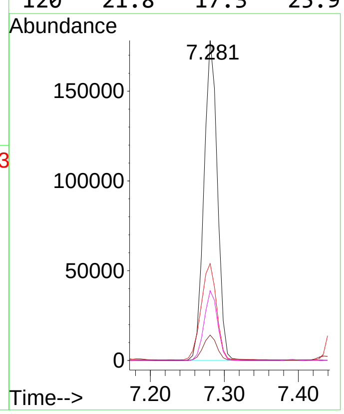




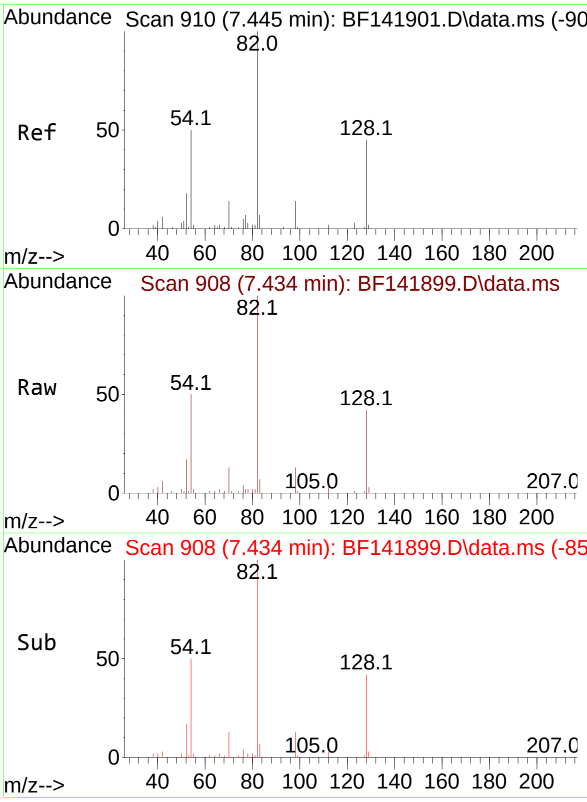
#22
Acetophenone
Concen: 10.282 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:105 Resp: 227350

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.8	8.8
51	30.3	23.4	35.0
120	21.8	17.3	25.9



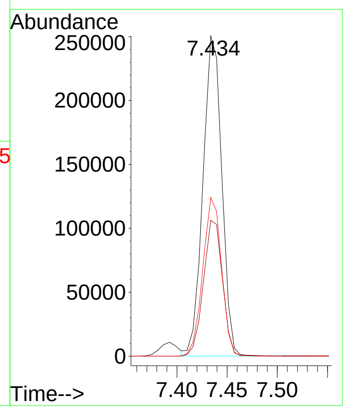
Instrument : BNA_F
ClientSampleId : SSTDICC010

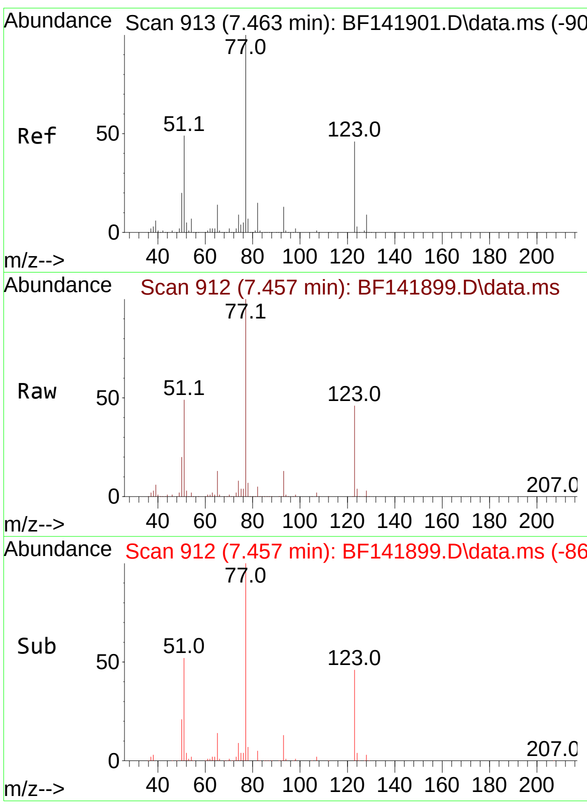


#23
Nitrobenzene-d5
Concen: 19.951 ng
RT: 7.434 min   Scan# 90
Delta R.T.   -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025   12:00

Tgt Ion: 82 Resp: 328098

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.0	54.0
54	49.6	39.6	59.4

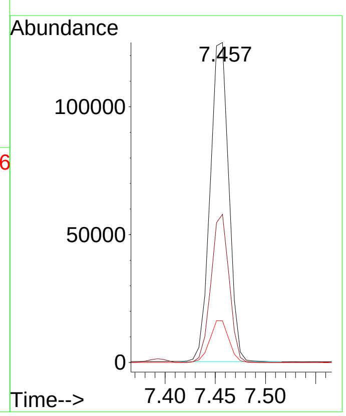




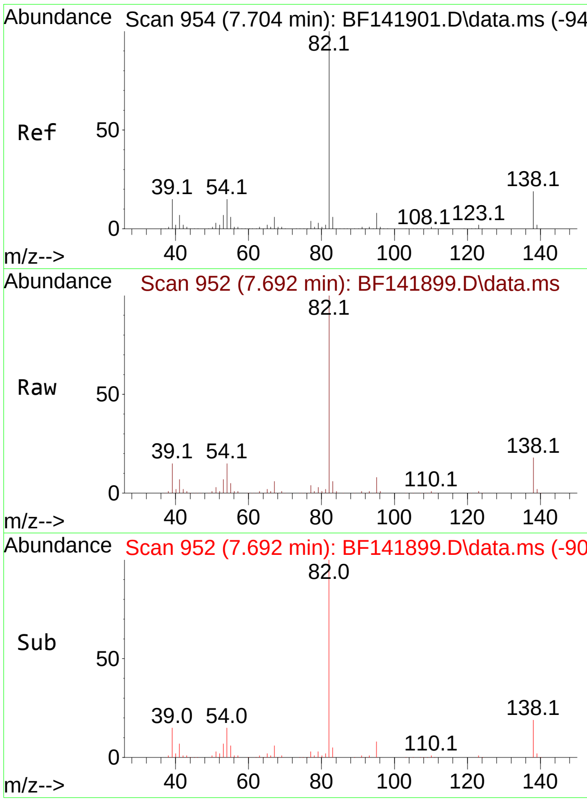
#24
Nitrobenzene
Concen: 9.922 ng
RT: 7.457 min   Scan# 912
Delta R.T.   -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025   12:00

Tgt Ion: 77 Resp: 161777

Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.0	55.4
65	13.0	11.3	16.9



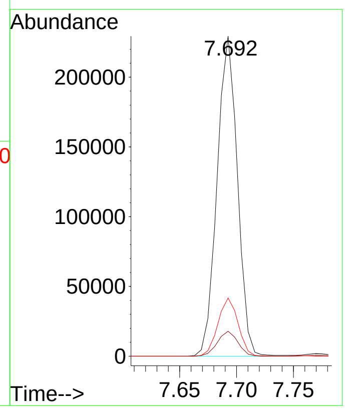
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

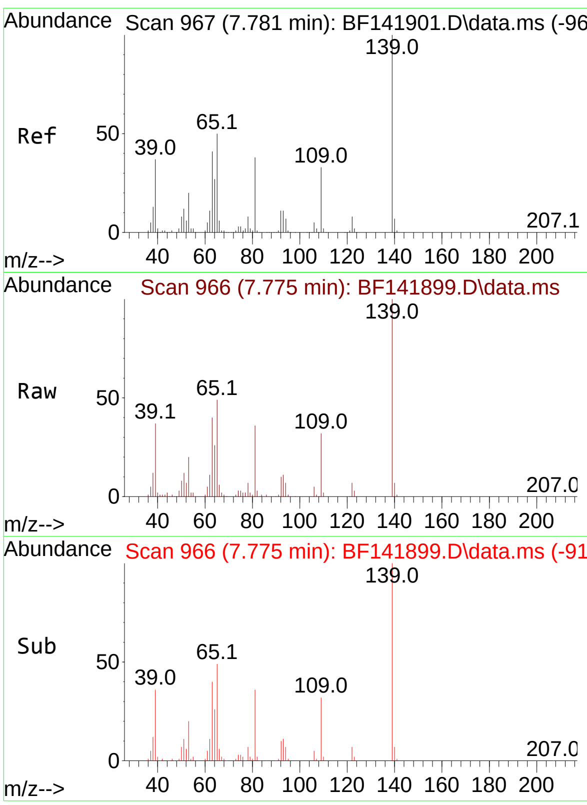


#25
Isophorone
Concen: 9.842 ng
RT: 7.692 min   Scan# 9
Delta R.T.   -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025   12:00

Tgt Ion: 82 Resp: 285760

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	18.2	14.9	22.3

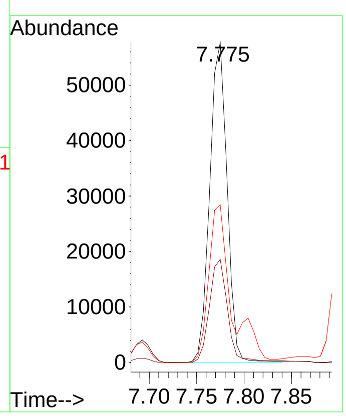




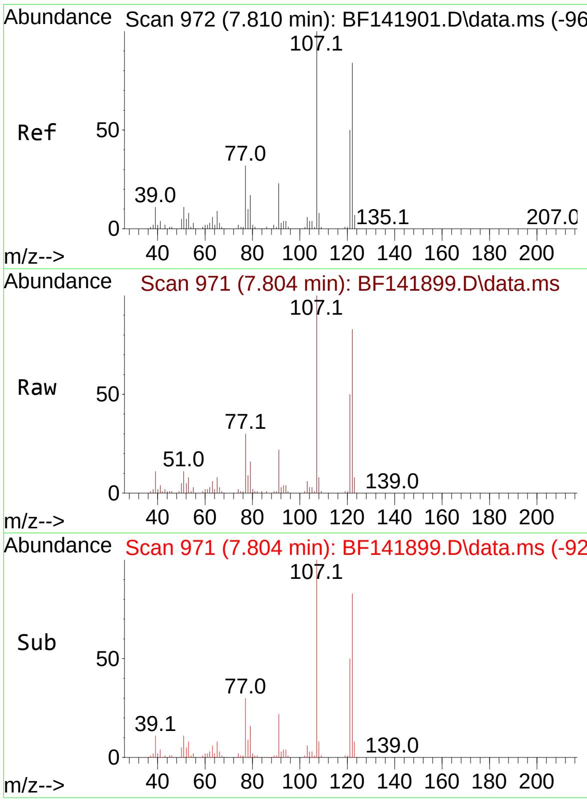
#26
2-Nitrophenol
Concen: 9.174 ng
RT: 7.775 min   Scan# 966
Delta R.T.   -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025   12:00

Tgt Ion:139 Resp: 73301

Ion	Ratio	Lower	Upper
139	100		
109	32.2	26.5	39.7
65	49.3	40.3	60.5



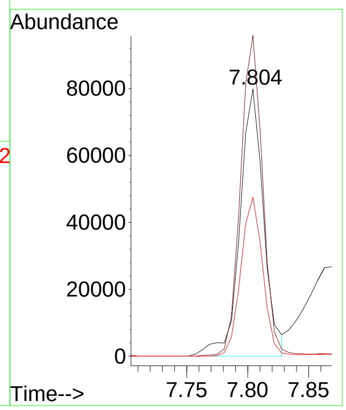
Instrument : BNA_F
ClientSampleId : SSTDICC010

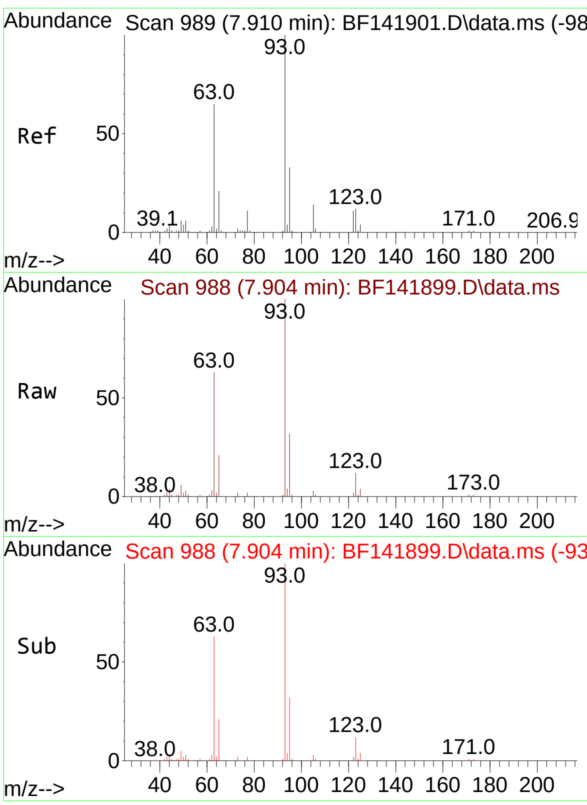


#27
2,4-Dimethylphenol
Concen: 9.784 ng
RT: 7.804 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:122 Resp: 107669

Ion	Ratio	Lower	Upper
122	100		
107	120.0	94.8	142.2
121	59.5	47.8	71.6

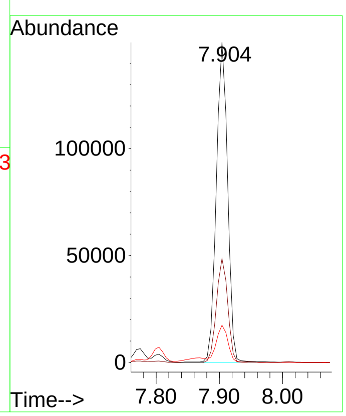




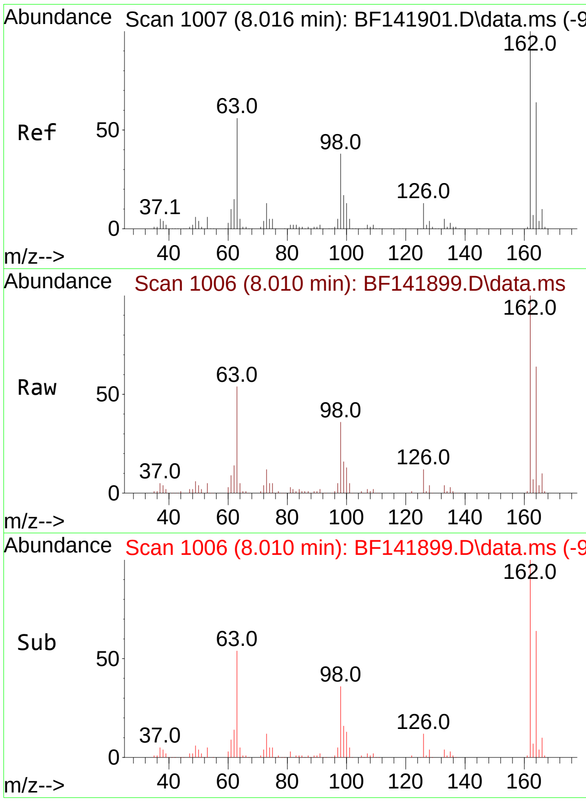
#28
bis(2-Chloroethoxy)methane
Concen: 10.298 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion: 93 Resp: 187307

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	40.0
123	11.6	10.2	15.4



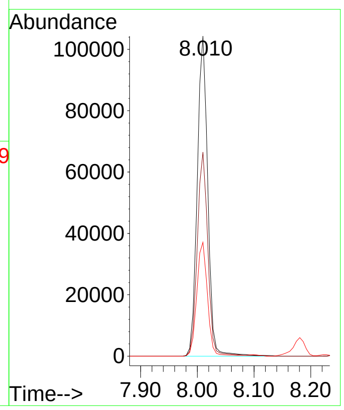
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

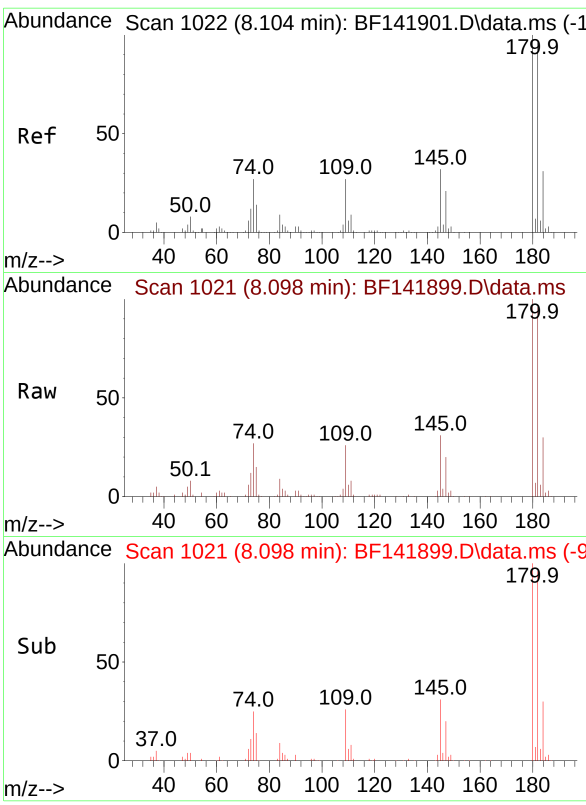


#29
2,4-Dichlorophenol
Concen: 9.941 ng
RT: 8.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:162 Resp: 135772

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.8	83.8
98	35.6	18.1	58.1

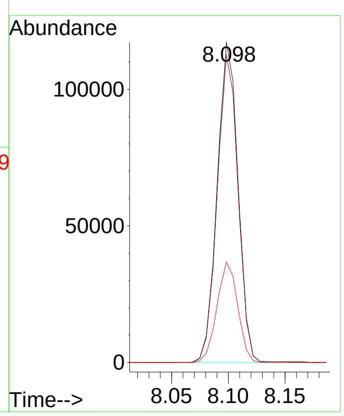




#30
1,2,4-Trichlorobenzene
Concen: 9.941 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:180 Resp: 149790

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.5	116.3
145	31.4	25.8	38.6



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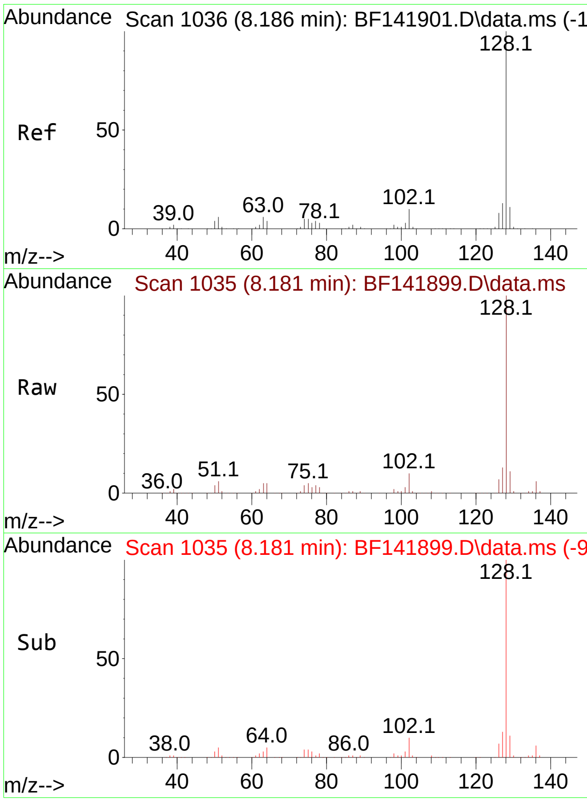
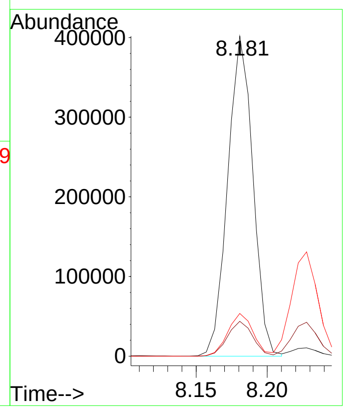
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

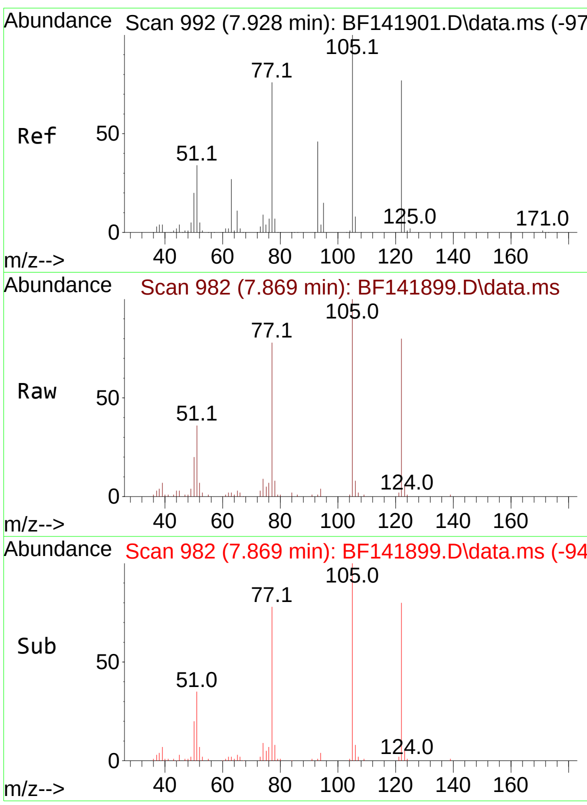


#31
Naphthalene
Concen: 10.493 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:128 Resp: 495470

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.4	10.8	16.2

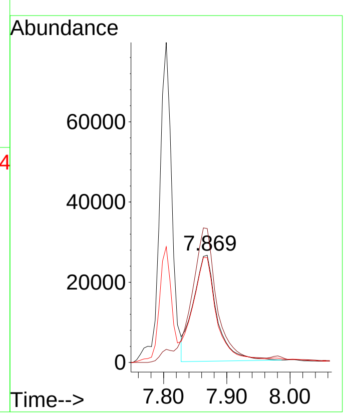




#32
Benzoic acid
Concen: 7.136 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.059 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

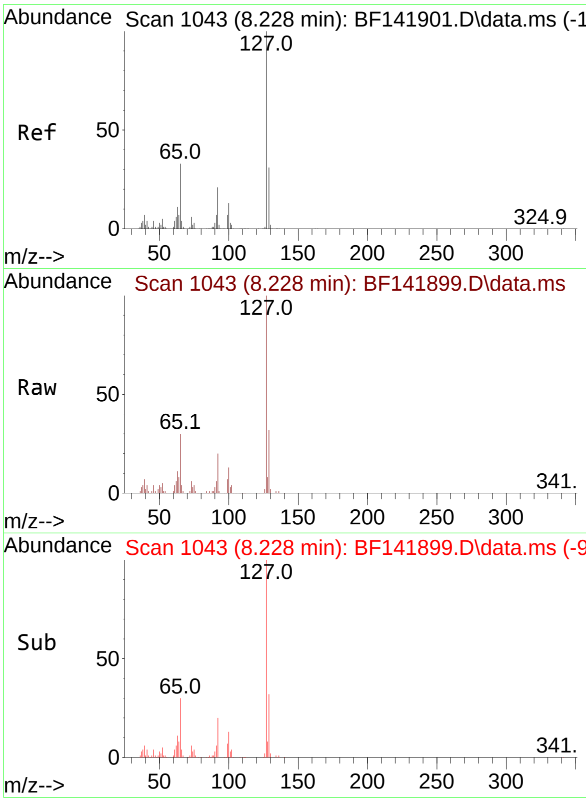
Tgt Ion:122 Resp: 68640

Ion	Ratio	Lower	Upper
122	100		
105	124.8	107.9	147.9
77	97.8	79.0	119.0



ICAL Form

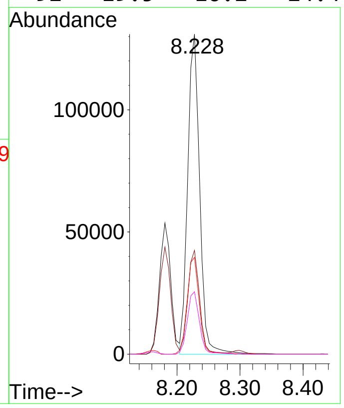
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

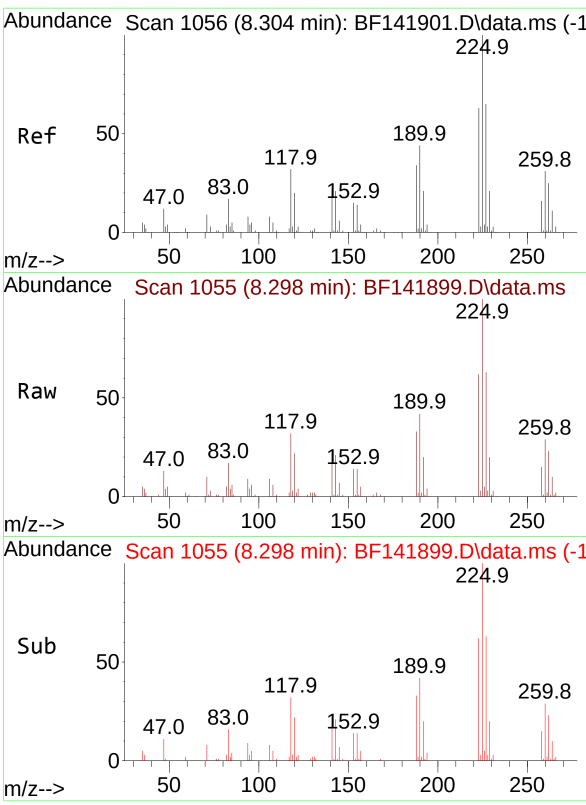


#33
4-Chloroaniline
Concen: 10.441 ng
RT: 8.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:127 Resp: 173977

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	30.3	25.4	38.2
92	19.5	16.2	24.4

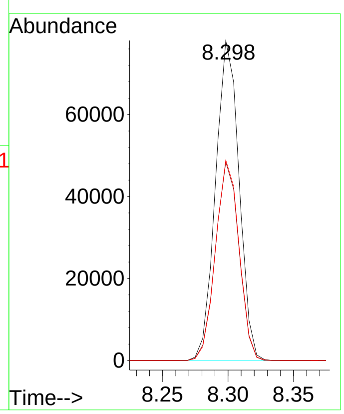




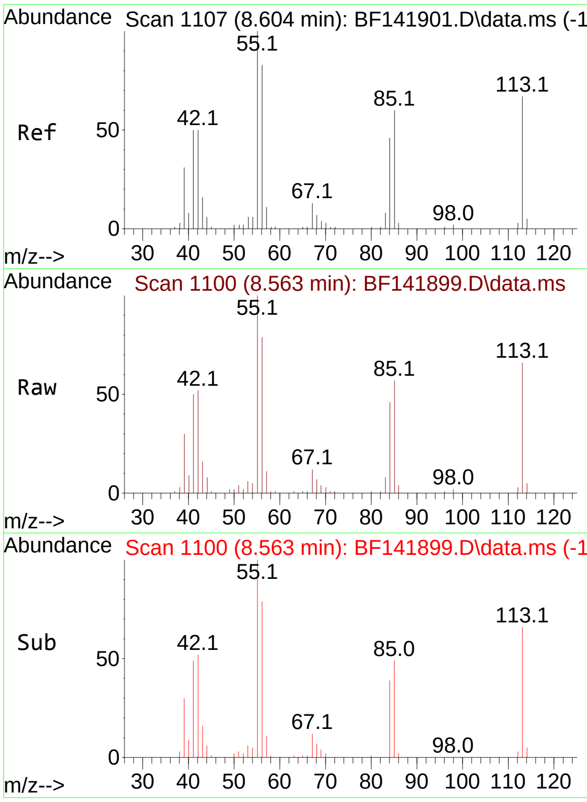
#34
Hexachlorobutadiene
Concen: 9.931 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:225 Resp: 97298

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	75.8
227	62.7	52.2	78.2



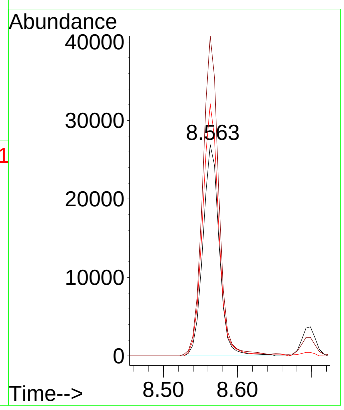
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

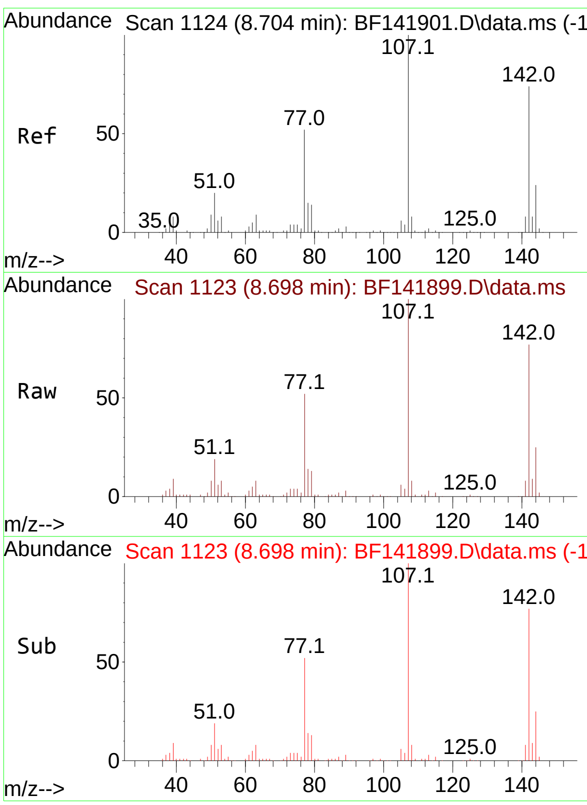


#35
Caprolactam
Concen: 9.922 ng
RT: 8.563 min   Scan# 1
Delta R.T.   -0.041 min
Lab File: BF141899.D
Acq: 10 Mar 2025   12:00

Tgt Ion:113 Resp: 41208

Ion	Ratio	Lower	Upper
113	100		
55	151.6	129.6	169.6
56	119.3	104.0	144.0

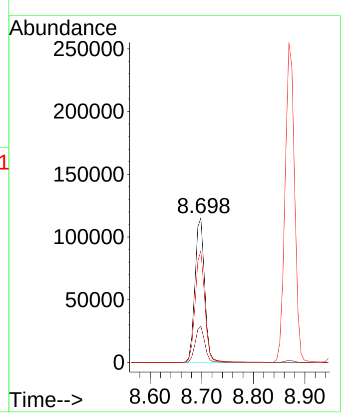




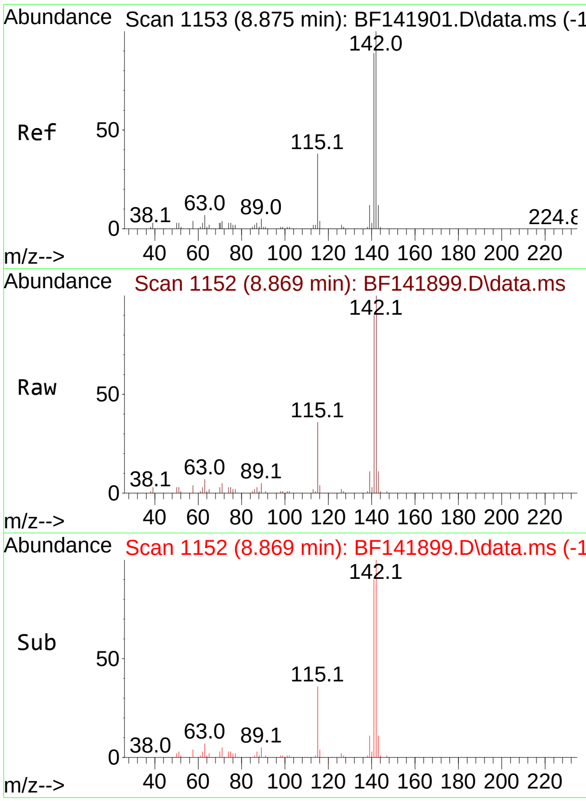
#36
4-Chloro-3-methylphenol
Concen: 10.029 ng
RT: 8.698 min   Scan# 1123
Delta R.T.   -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025   12:00

Tgt Ion:107 Resp: 152340

Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.0	28.6
142	77.3	59.2	88.8



ICAL Form

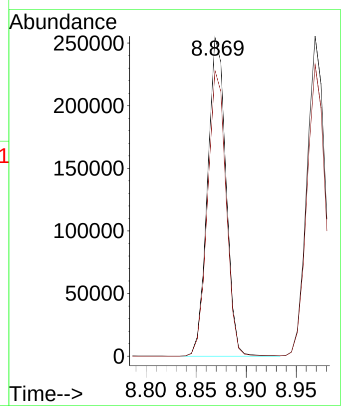


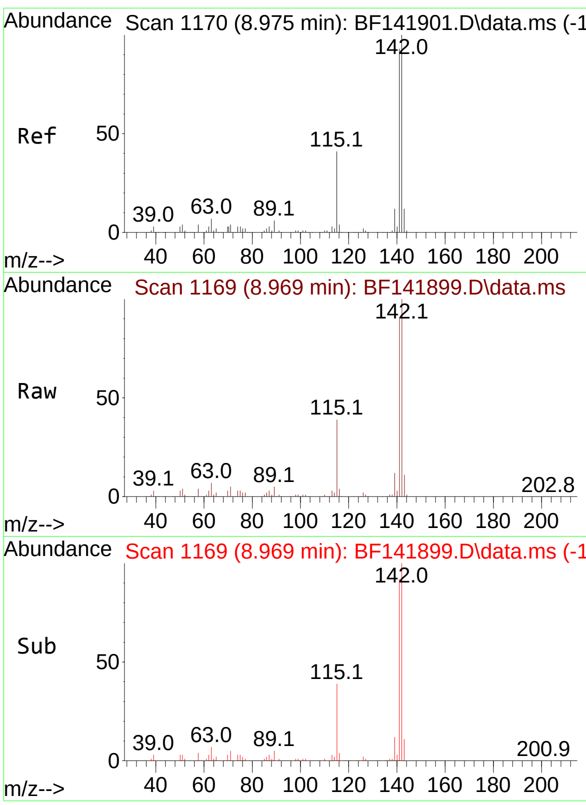
#37
2-Methylnaphthalene
Concen: 10.313 ng
RT: 8.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 326733

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.2	106.8

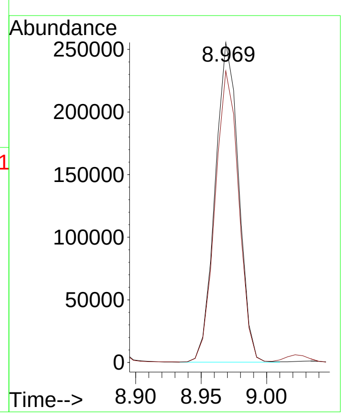




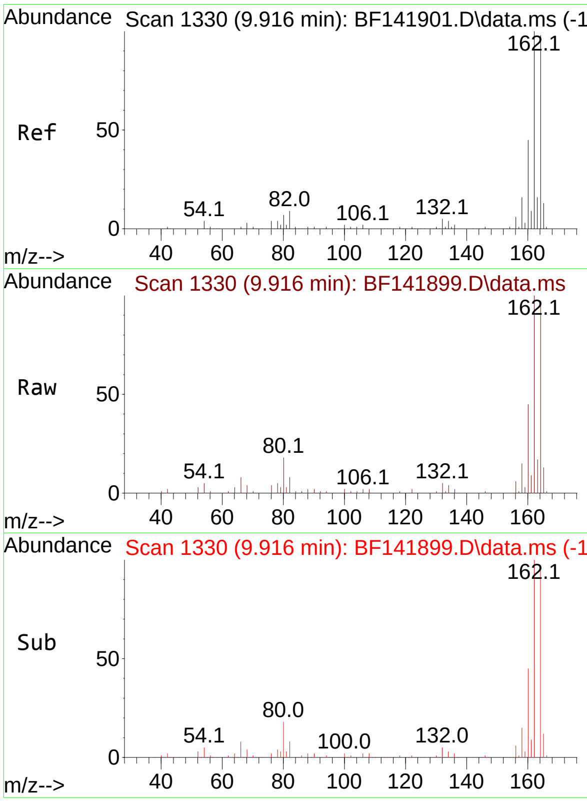
#38
1-Methylnaphthalene
Concen: 10.376 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:142 Resp: 318324

Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4



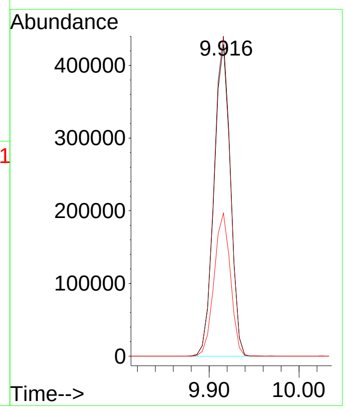
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

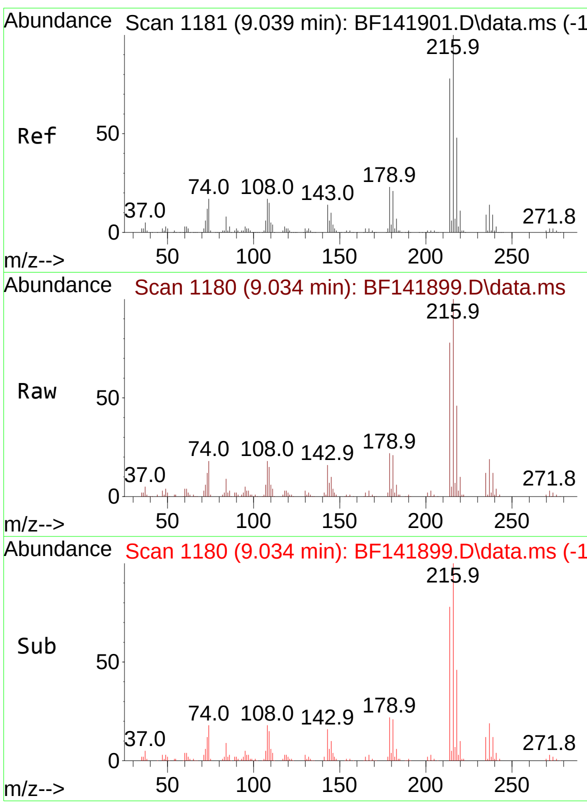


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:164 Resp: 541295

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.6
160	45.9	36.7	55.1

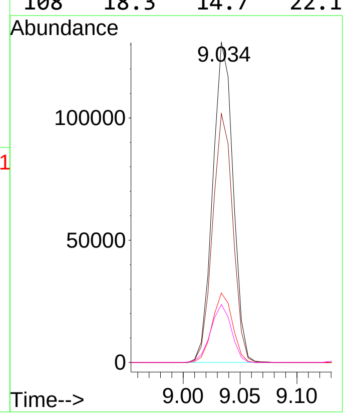




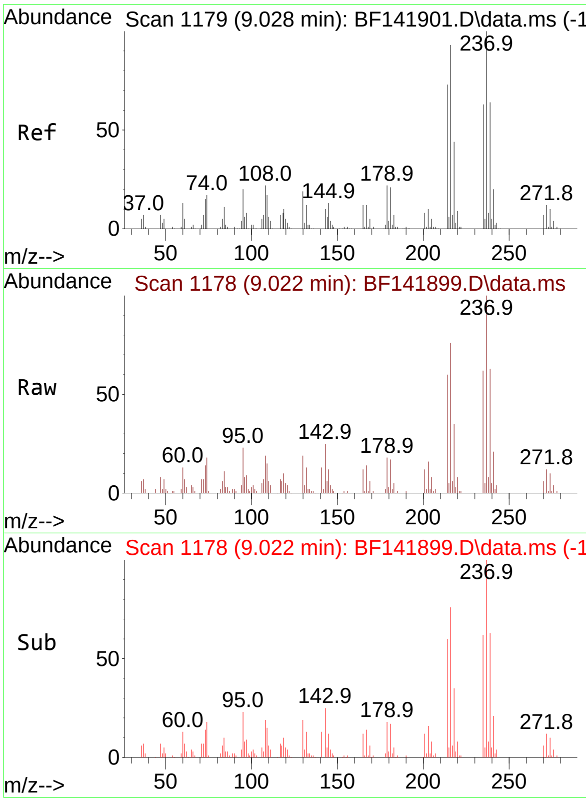
#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.905 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:216 Resp: 163481

Ion	Ratio	Lower	Upper
216	100		
214	77.1	61.9	92.9
179	21.5	18.1	27.1
108	18.3	14.7	22.1



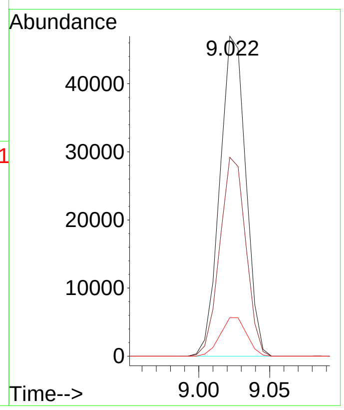
Instrument : BNA_F
ClientSampleId : SSTDICC010

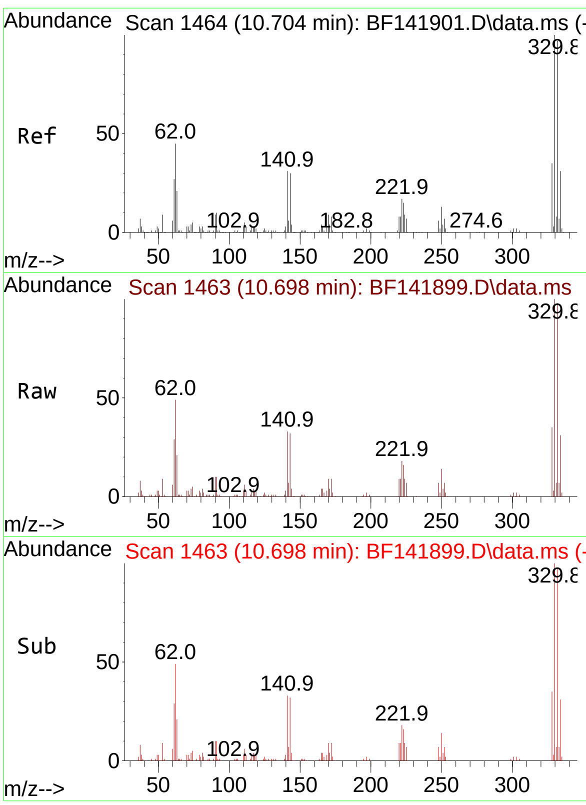


#41
Hexachlorocyclopentadiene
Concen: 9.177 ng
RT: 9.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:237 Resp: 59769

Ion	Ratio	Lower	Upper
237	100		
235	62.1	43.1	83.1
272	12.0	0.0	32.0

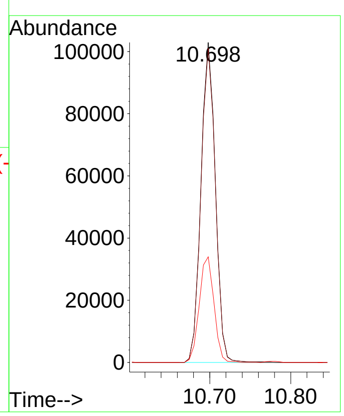




#42
2,4,6-Tribromophenol
Concen: 18.630 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

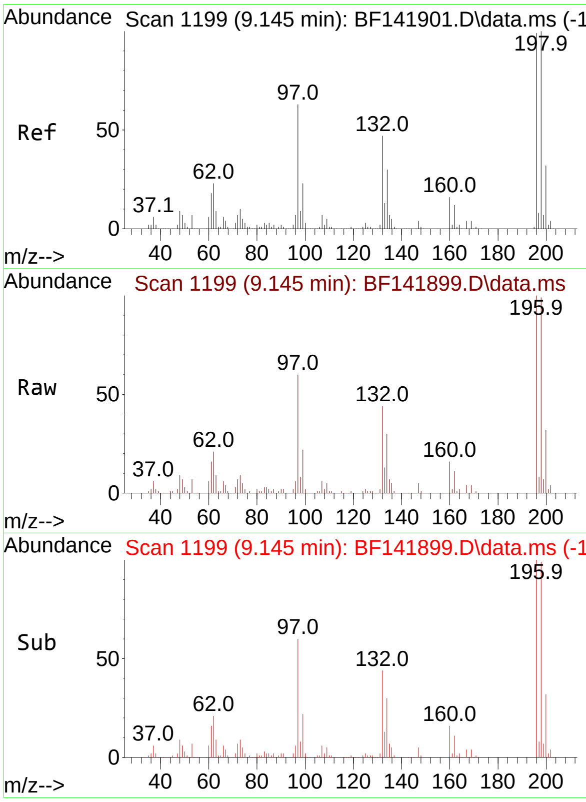
Tgt Ion:330 Resp: 127785

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.6	116.4
141	33.6	24.7	37.1



ICAL Form

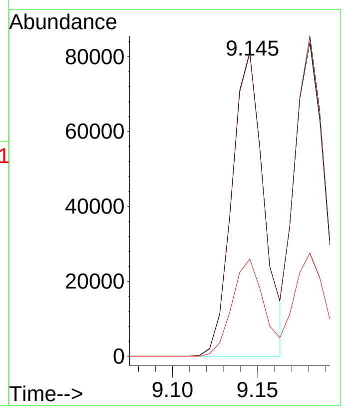
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

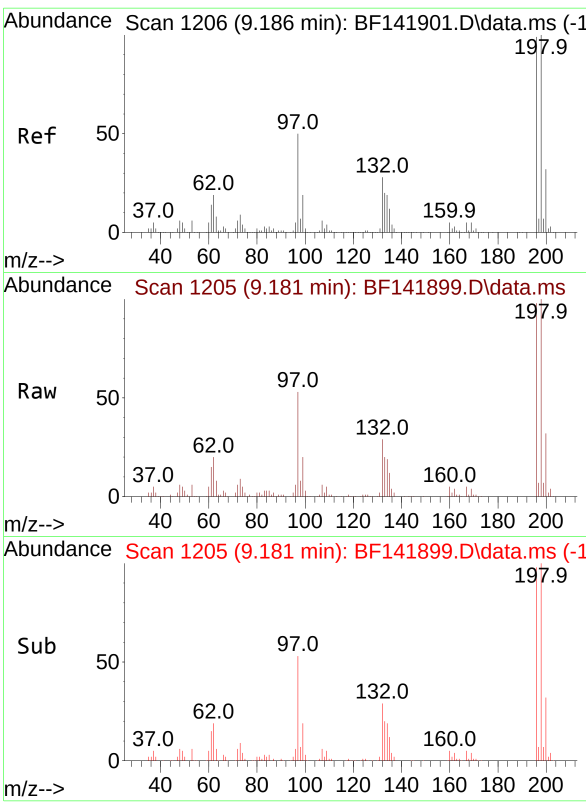


#43
2,4,6-Trichlorophenol
Concen: 9.777 ng
RT: 9.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:196 Resp: 105191

Ion	Ratio	Lower	Upper
196	100		
198	99.4	80.6	121.0
200	31.9	25.8	38.6

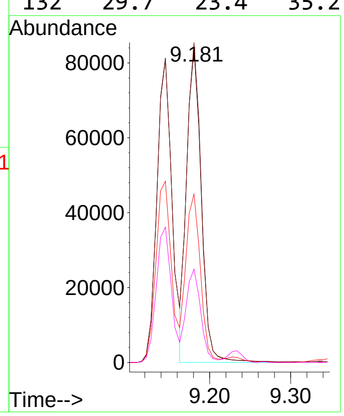




#44
2,4,5-Trichlorophenol
Concen: 9.692 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

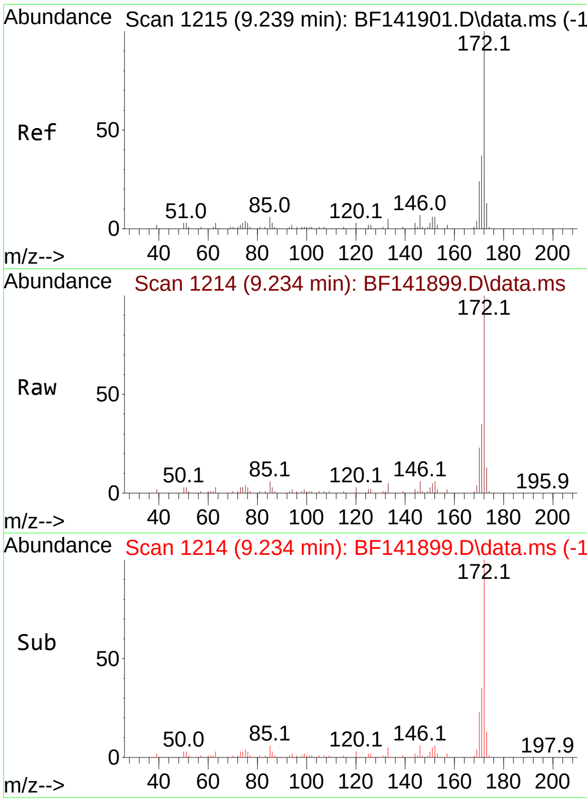
Tgt Ion:196 Resp: 105943

Ion	Ratio	Lower	Upper
196	100		
198	102.0	80.7	121.1
97	53.7	42.1	63.1
132	29.7	23.4	35.2



ICAL Form

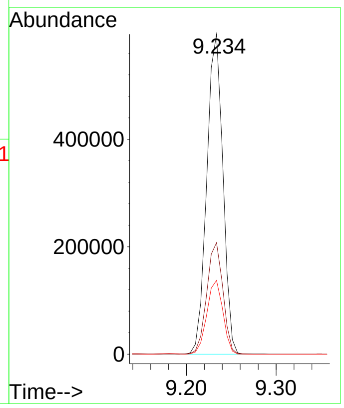
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

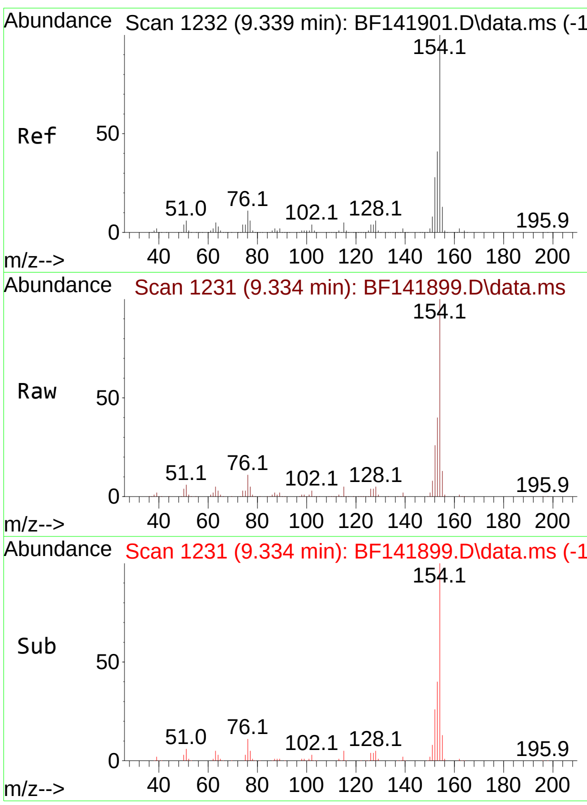


#45
2-Fluorobiphenyl
Concen: 21.003 ng
RT: 9.234 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:172 Resp: 746589

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.3	43.9
170	23.1	19.4	29.0

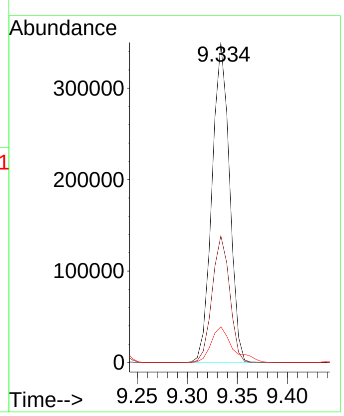




#46
1,1'-Biphenyl
Concen: 10.372 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

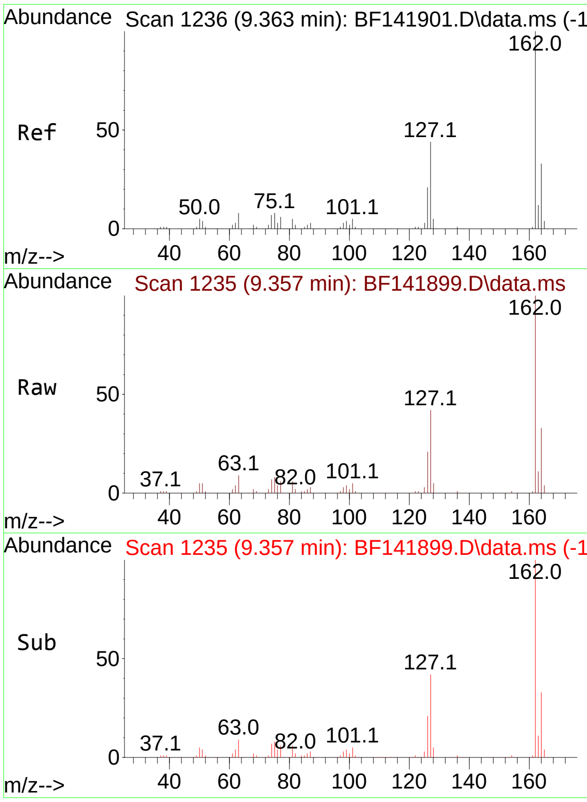
Tgt Ion:154 Resp: 425640

Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.1	61.1
76	11.1	0.0	31.3



ICAL Form

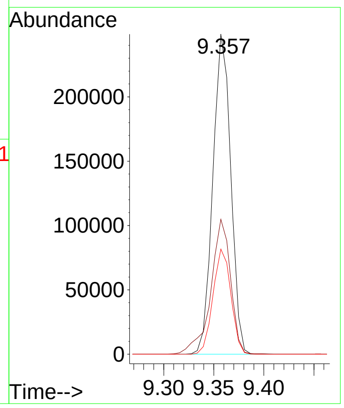
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

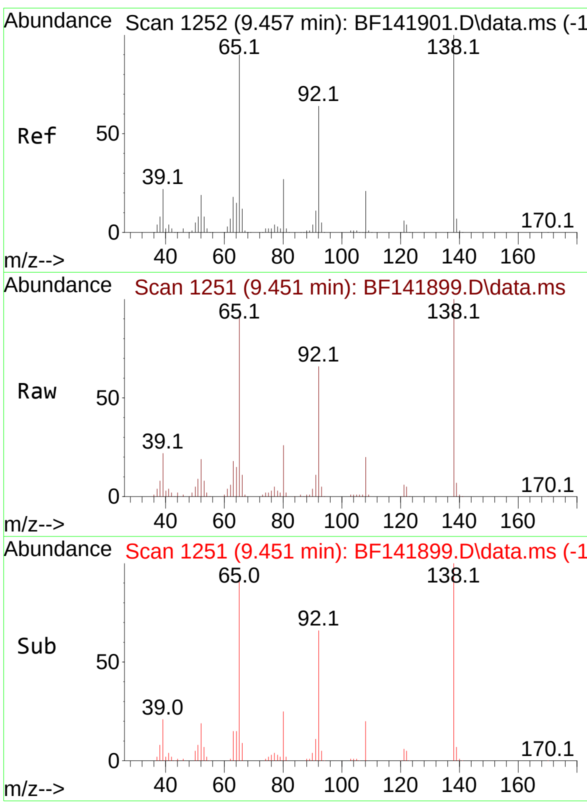


#47
2-Chloronaphthalene
Concen: 10.094 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:162 Resp: 308729

Ion	Ratio	Lower	Upper
162	100		
127	42.1	35.5	53.3
164	32.9	26.6	40.0

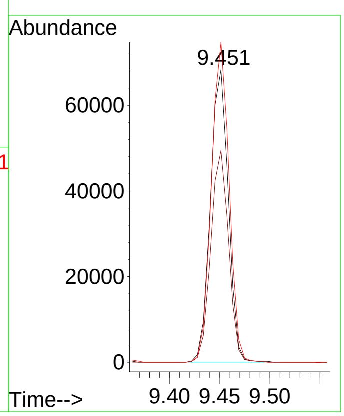




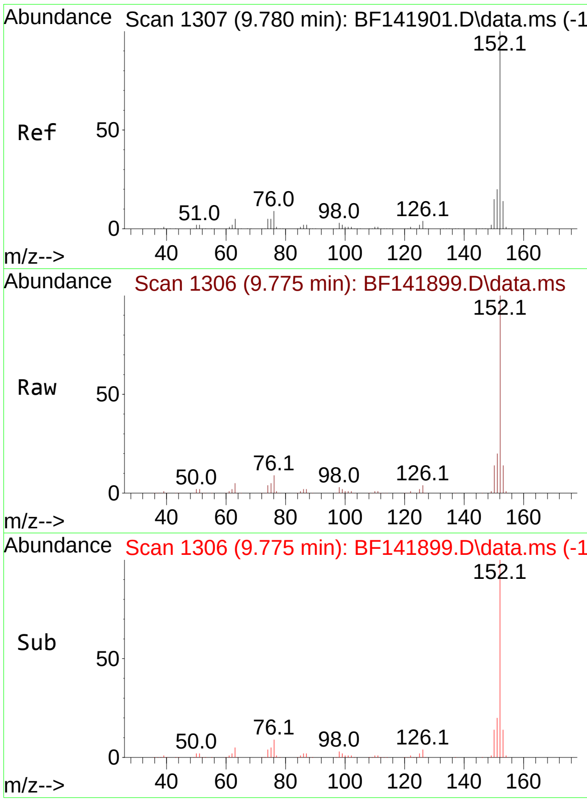
#48
2-Nitroaniline
Concen: 9.658 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion: 65 Resp: 84854

Ion	Ratio	Lower	Upper
65	100		
92	72.5	56.6	84.8
138	109.4	88.6	133.0



ICAL Form

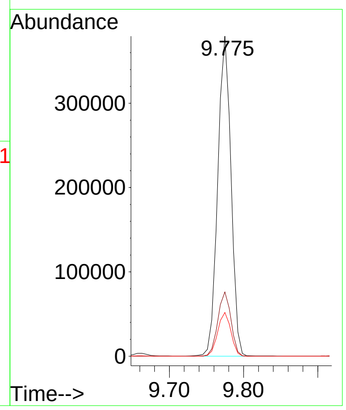


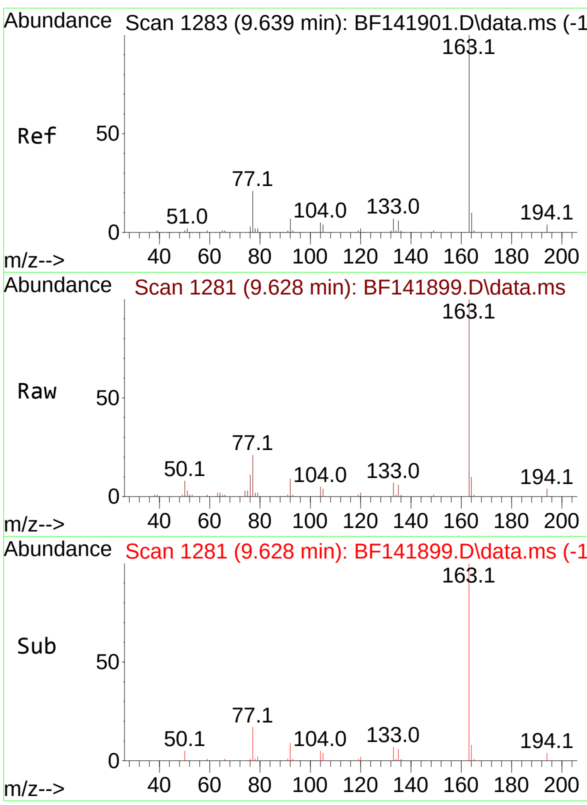
#49
Acenaphthylene
Concen: 10.383 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 470801

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.7	11.1	16.7

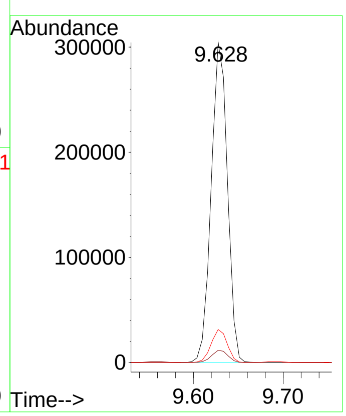




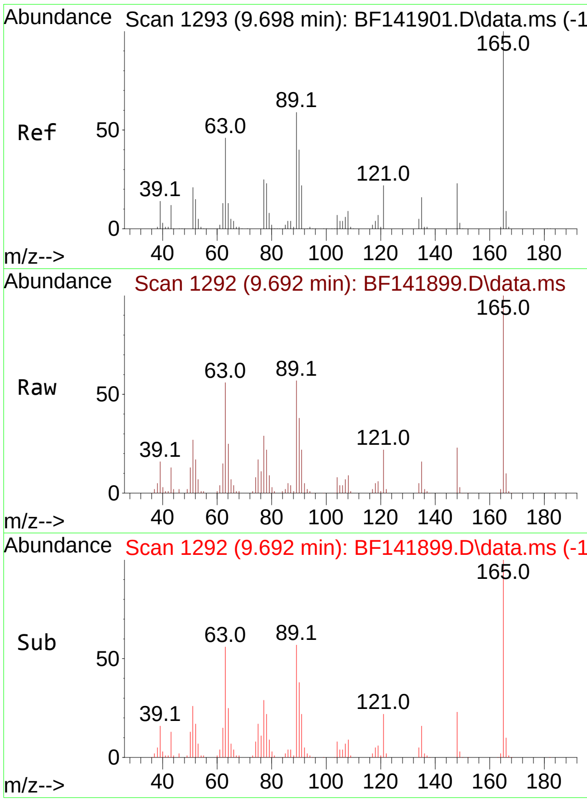
#50
Dimethylphthalate
Concen: 10.176 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:163 Resp: 382722

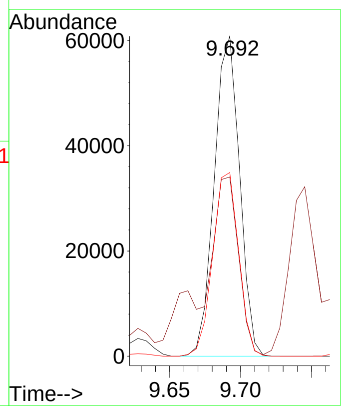
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.3	8.2	12.4

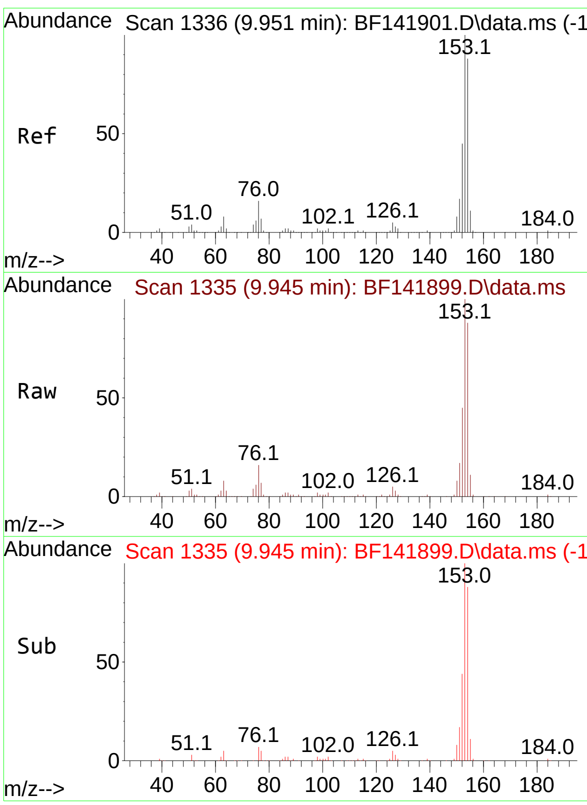


Instrument :
BNA_F
ClientSampleId :
SSTDICC010

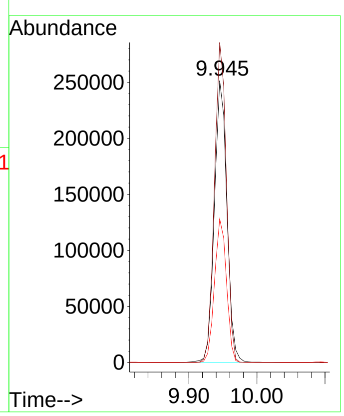



```
#51
2,6-Dinitrotoluene
Concen:    9.663 ng
RT:   9.692 min  Scan# 1
Delta R.T.   -0.006 min
Lab File:   BF141899.D
Acq: 10 Mar 2025  12:00

Tgt Ion:165 Resp:   75577
Ion  Ratio  Lower  Upper
165  100
 63   56.0   47.0   70.4
 89   57.4   47.4   71.2
```

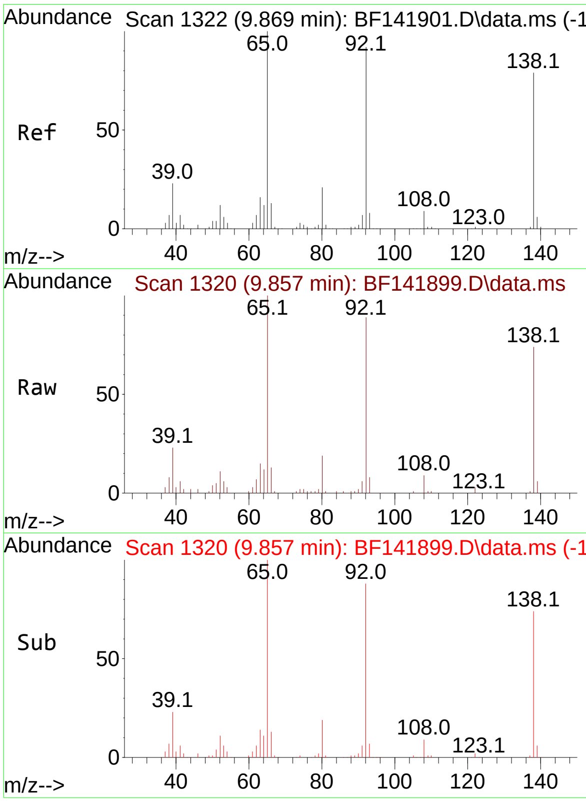





```
#52
Acenaphthene
Concen:   10.101 ng
RT:   9.945 min  Scan# 1335
Delta R.T.   -0.006 min
Lab File:   BF141899.D
Acq: 10 Mar 2025  12:00

Tgt Ion:154 Resp:   323406
Ion  Ratio  Lower  Upper
154  100
153  113.6   90.7  136.1
152   50.9   41.1   61.7
```



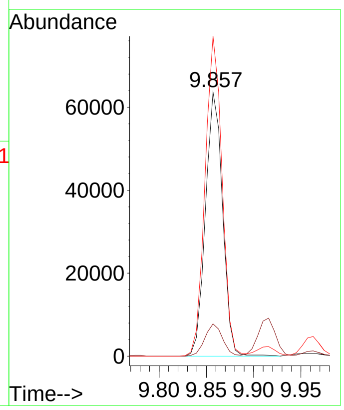
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

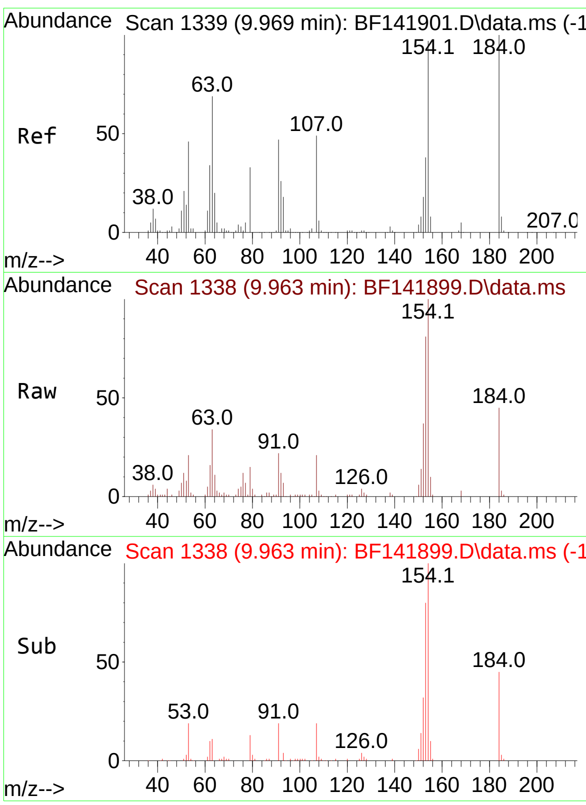


#53
3-Nitroaniline
Concen: 9.955 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:138 Resp: 79944

Ion	Ratio	Lower	Upper
138	100		
108	12.2	9.3	13.9
92	121.1	93.5	140.3

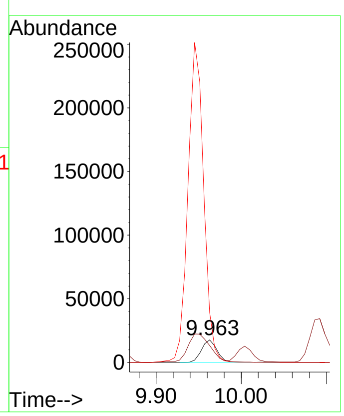




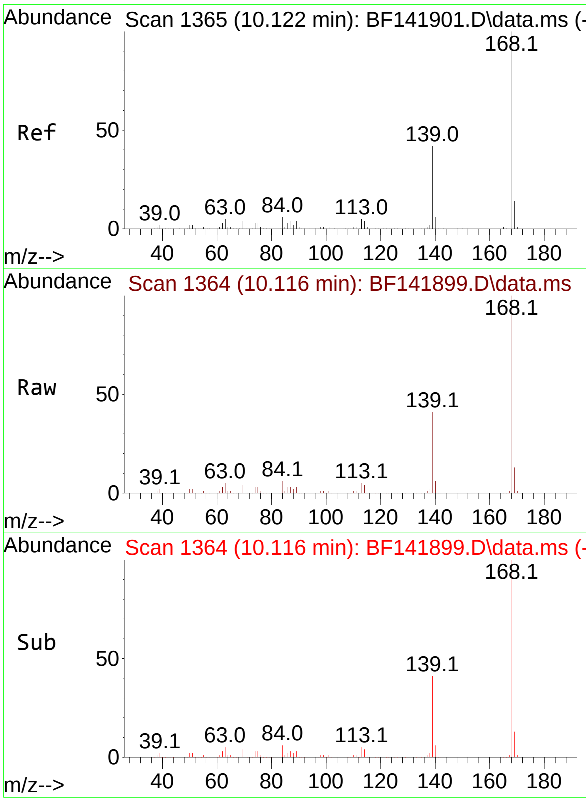
#54
2,4-Dinitrophenol
Concen: 11.386 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:184 Resp: 23121

Ion	Ratio	Lower	Upper
184	100		
63	75.2	60.2	90.4
154	222.1	132.9	199.3#



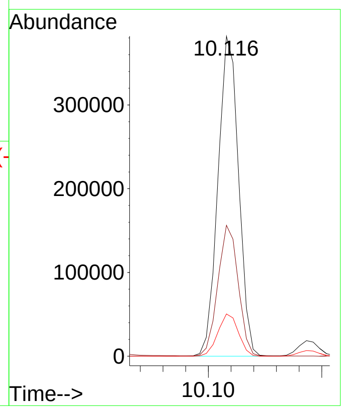
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

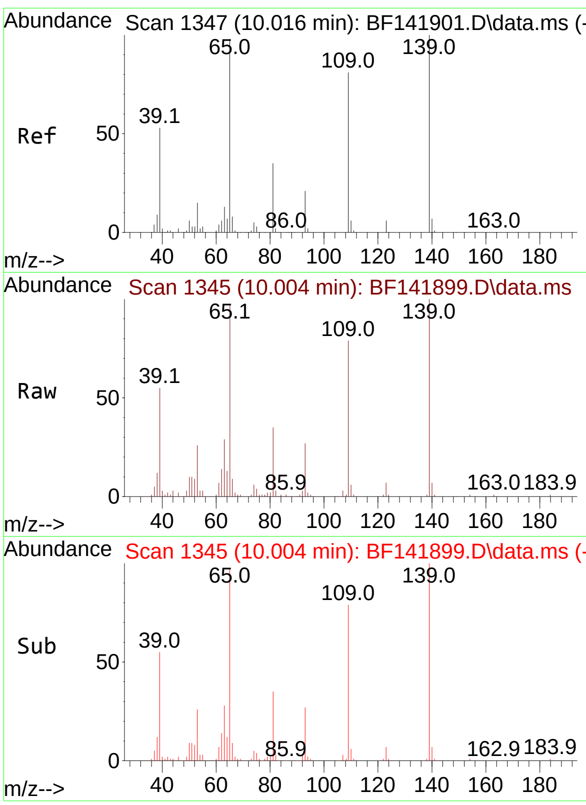


#55
Dibenzofuran
Concen: 10.593 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:168 Resp: 483596

Ion	Ratio	Lower	Upper
168	100		
139	40.9	33.9	50.9
169	13.2	11.0	16.4

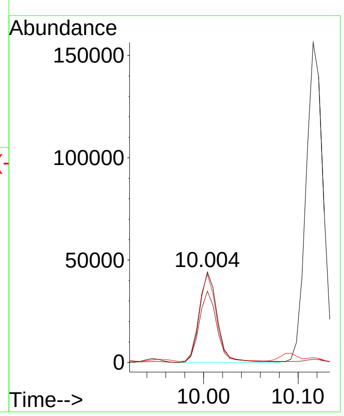




#56
4-Nitrophenol
Concen: 9.706 ng
RT: 10.004 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:139 Resp: 58549

Ion	Ratio	Lower	Upper
139	100		
109	78.8	61.6	101.6
65	97.5	79.4	119.4



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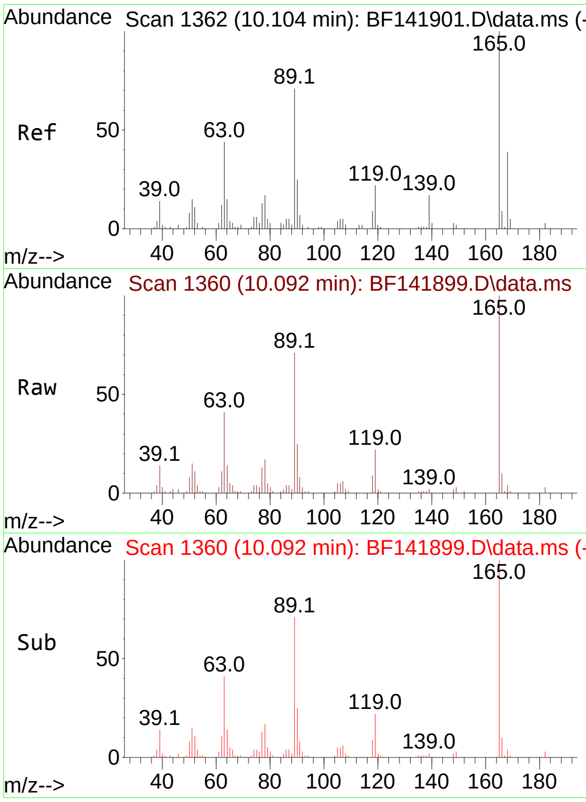
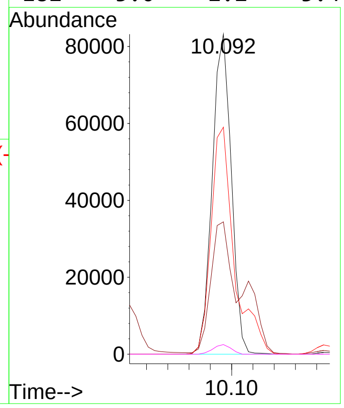
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

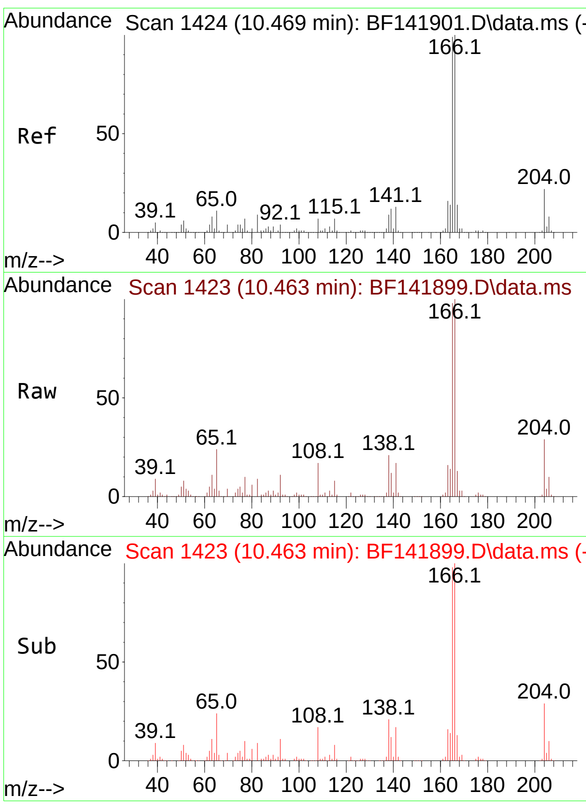


#57
2,4-Dinitrotoluene
Concen: 10.035 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:165 Resp: 103313

Ion	Ratio	Lower	Upper
165	100		
63	41.3	35.4	53.2
89	70.9	56.6	84.8
182	3.0	2.2	3.4

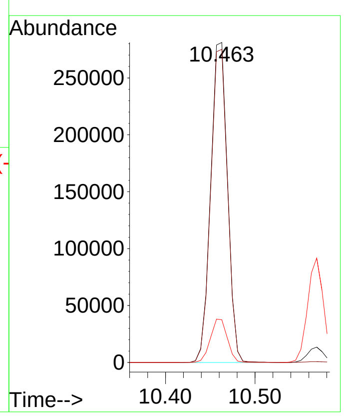




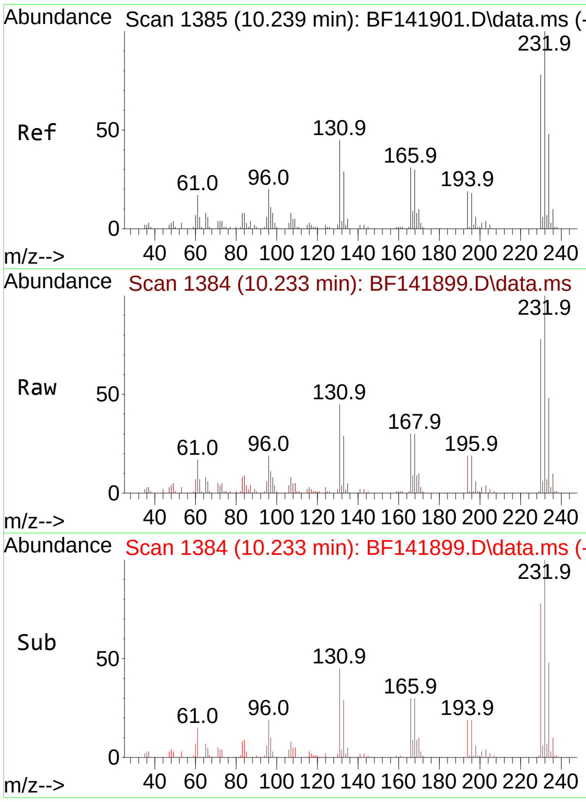
#58
Fluorene
Concen: 10.452 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:166 Resp: 368370

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.4
167	13.3	11.0	16.4



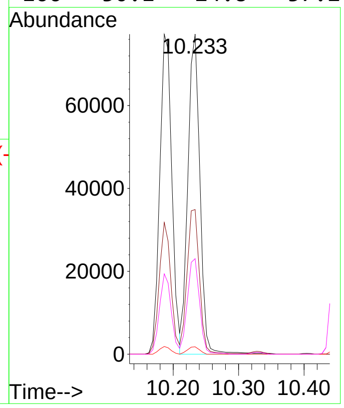
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

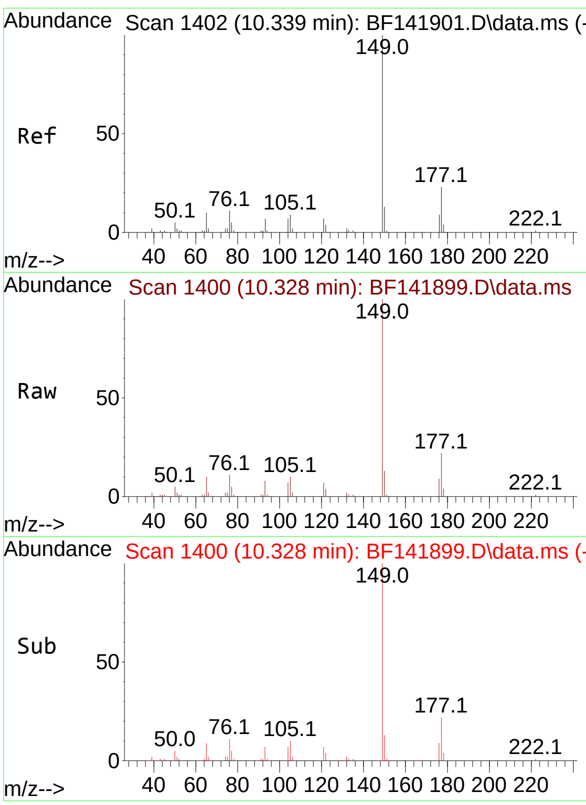


#59
2,3,4,6-Tetrachlorophenol
Concen: 9.954 ng
RT: 10.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:232 Resp: 98725

Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.3	55.9
130	2.3	1.9	2.9
166	30.1	24.8	37.2

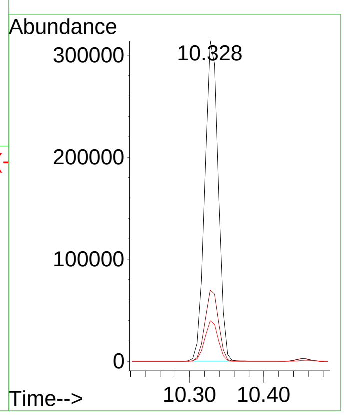




#60
Diethylphthalate
Concen: 10.542 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:149 Resp: 398003

Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.0	27.0
150	12.7	10.2	15.4



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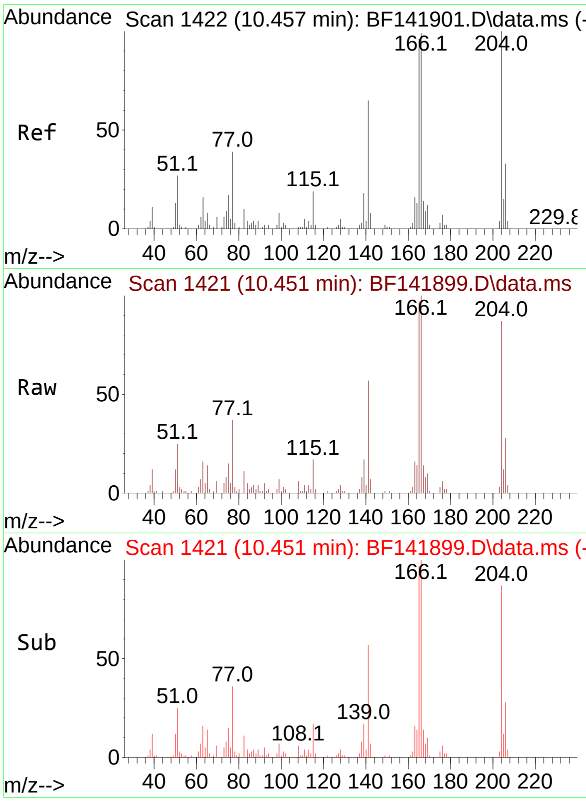
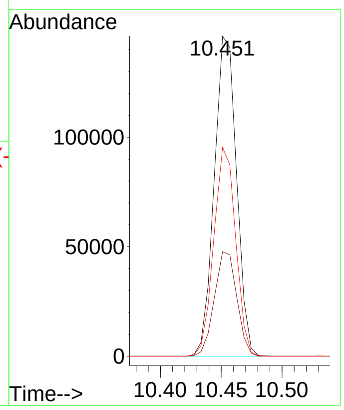
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

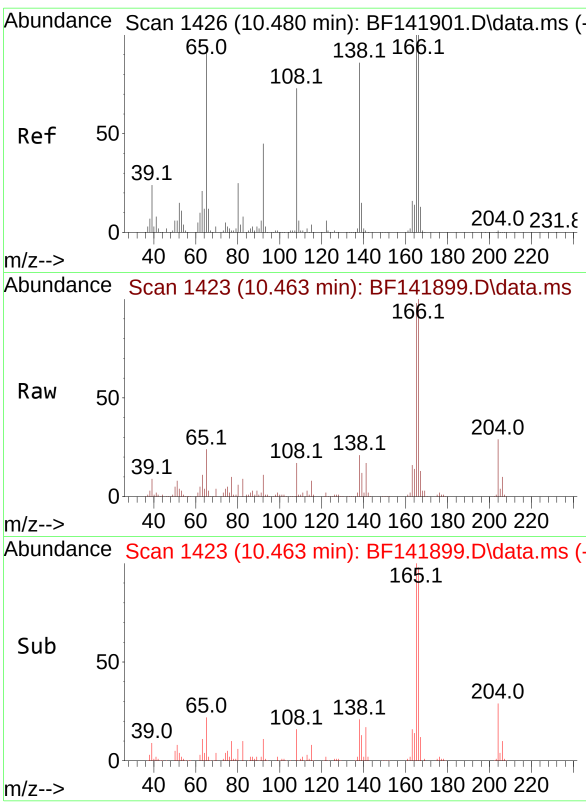


#61
4-Chlorophenyl-phenylether
Concen: 10.145 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:204 Resp: 186237

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.8	40.2
141	65.3	52.4	78.6

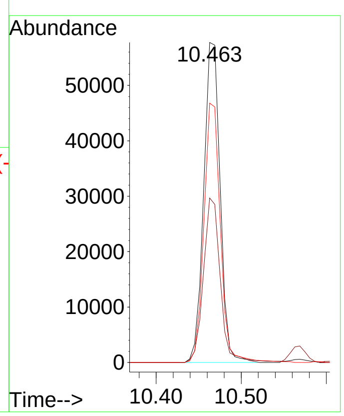




#62
4-Nitroaniline
Concen: 10.030 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.017 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:138 Resp: 78048

Ion	Ratio	Lower	Upper
138	100		
92	51.4	32.6	72.6
108	81.1	65.0	105.0



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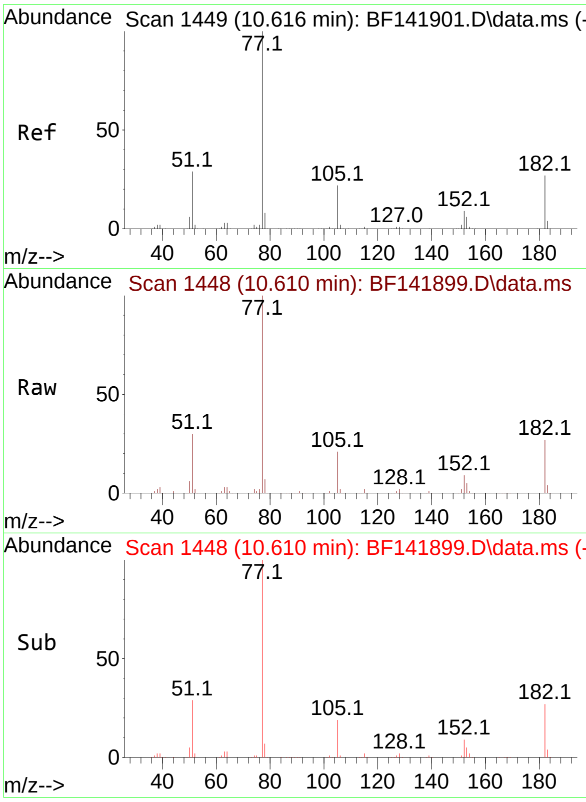
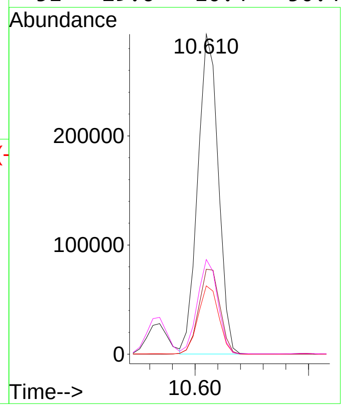
Instrument : BNA_F
ClientSampleId : SSTDICC010

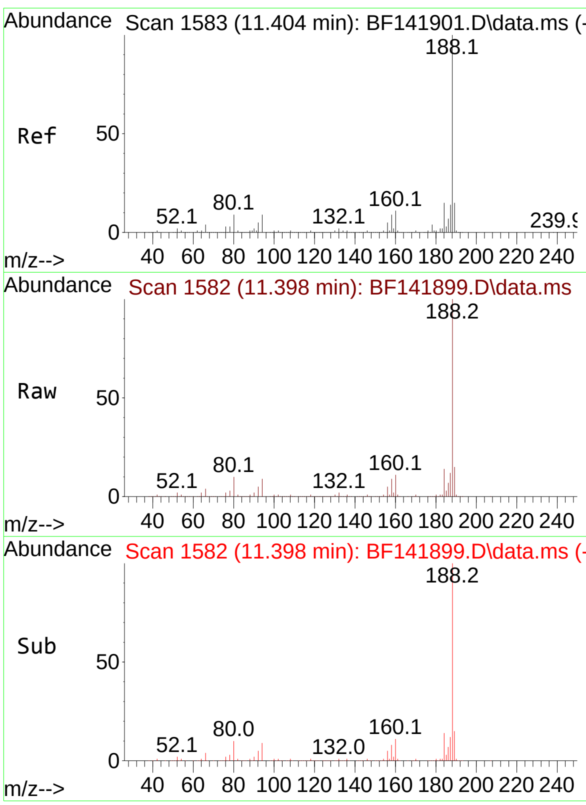


#63
Azobenzene
Concen: 10.521 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion: 77 Resp: 368982

Ion	Ratio	Lower	Upper
77	100		
182	26.6	6.6	46.6
105	21.3	1.3	41.3
51	29.6	10.4	50.4

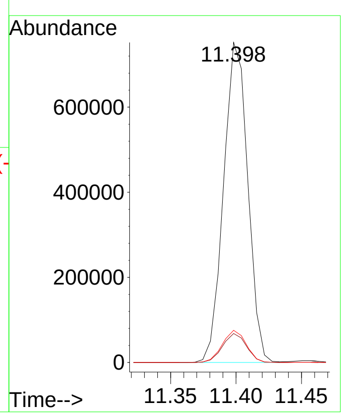




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:188 Resp: 966771

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.8	10.2
80	10.0	7.6	11.4



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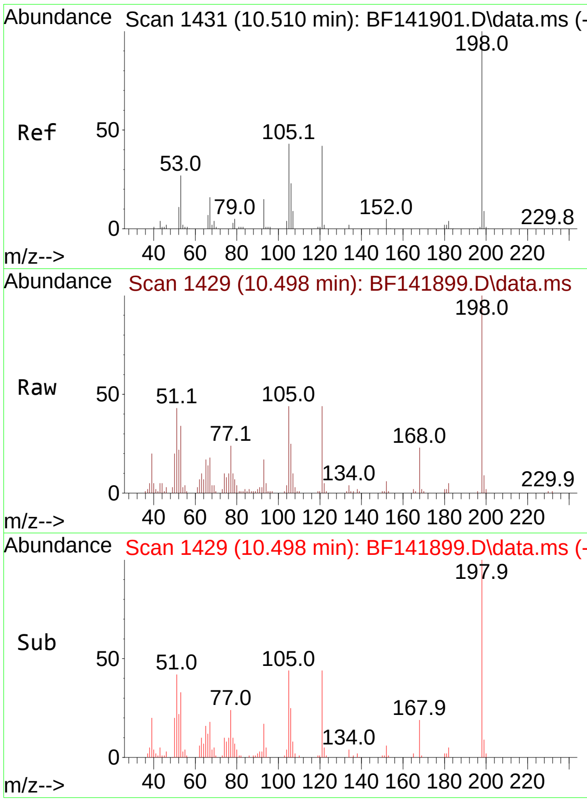
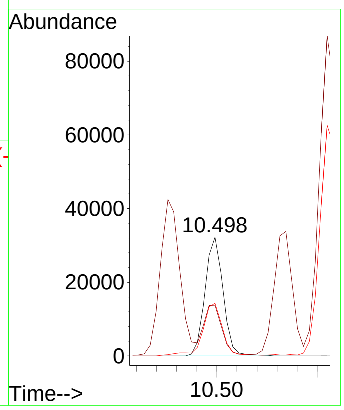
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

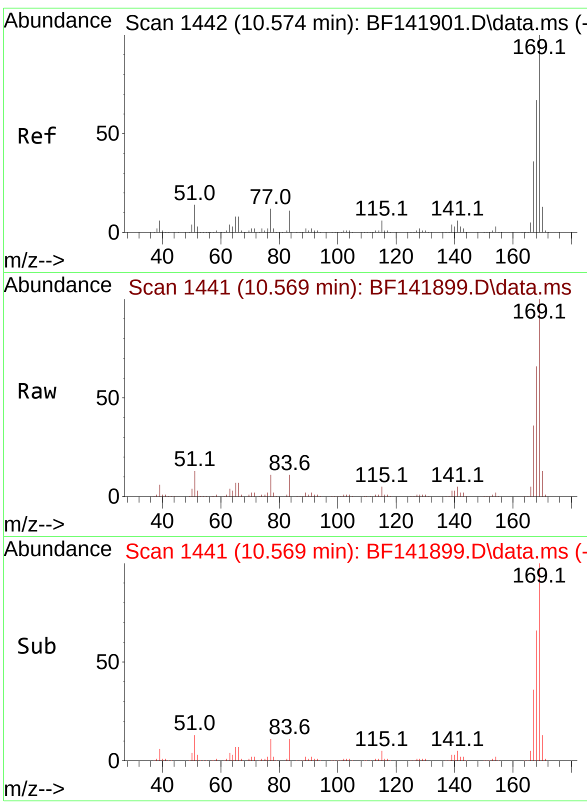


#65
4,6-Dinitro-2-methylphenol
Concen: 7.040 ng
RT: 10.498 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:198 Resp: 40348

Ion	Ratio	Lower	Upper
198	100		
51	42.7	22.3	62.3
105	44.3	23.0	63.0

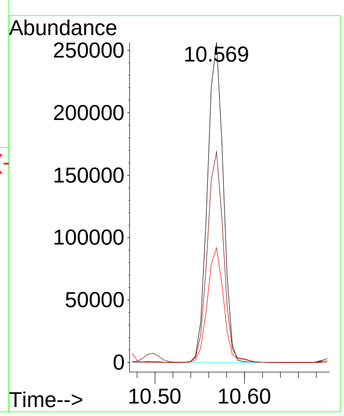




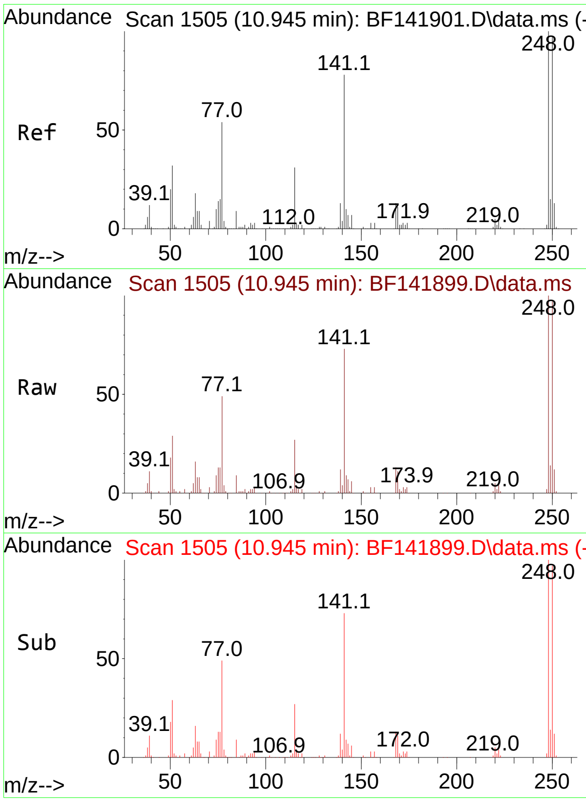
#66
n-Nitrosodiphenylamine
Concen: 10.078 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:169 Resp: 314758

Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.7	80.5
167	35.8	29.2	43.8



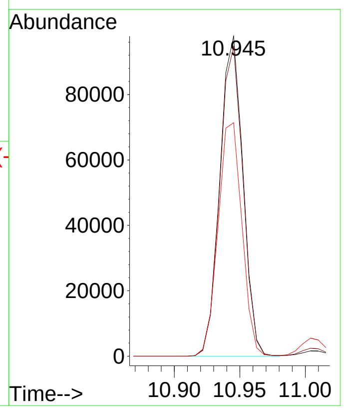
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

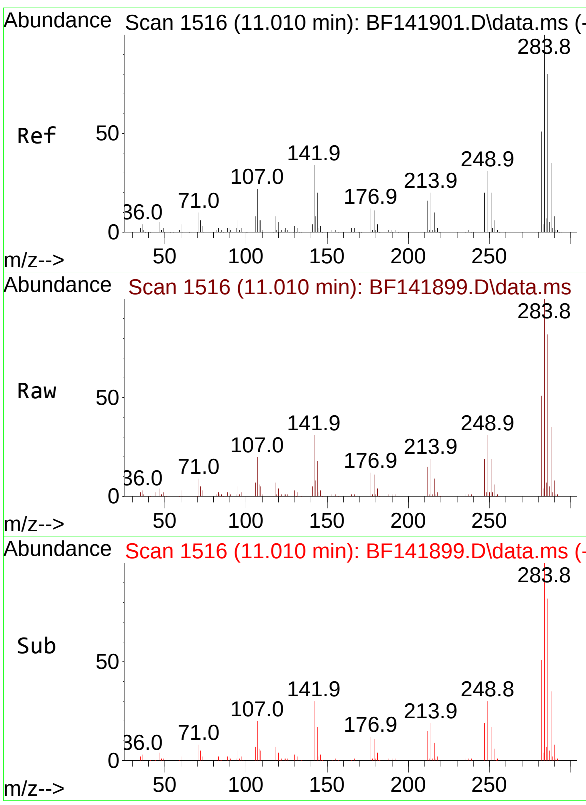


#67
4-Bromophenyl-phenylether
Concen: 10.011 ng
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:248 Resp: 120534

Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.8	116.8
141	72.9	62.6	93.8

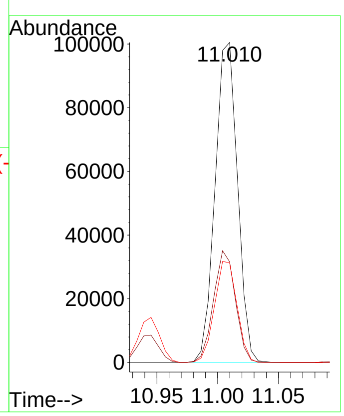




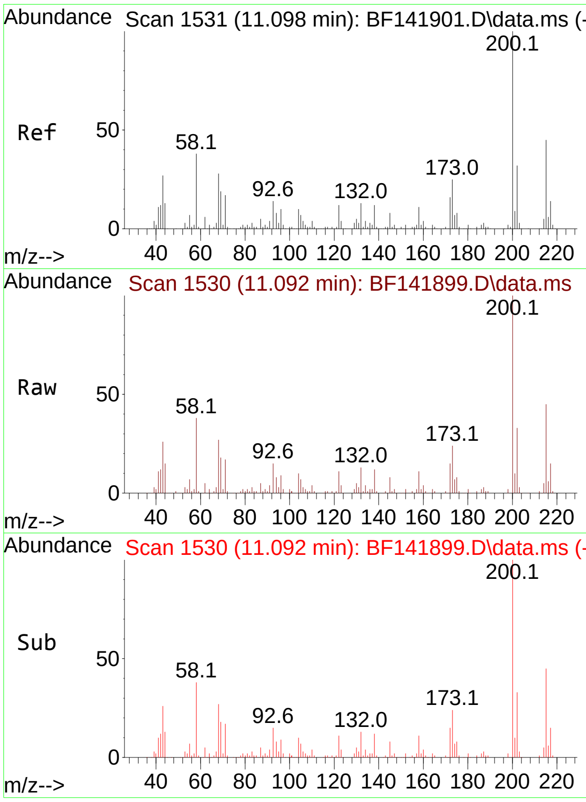
#68
Hexachlorobenzene
Concen: 9.712 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:284 Resp: 129242

Ion	Ratio	Lower	Upper
284	100		
142	31.4	27.0	40.6
249	31.1	25.2	37.8



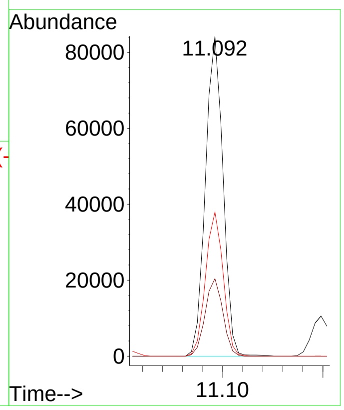
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

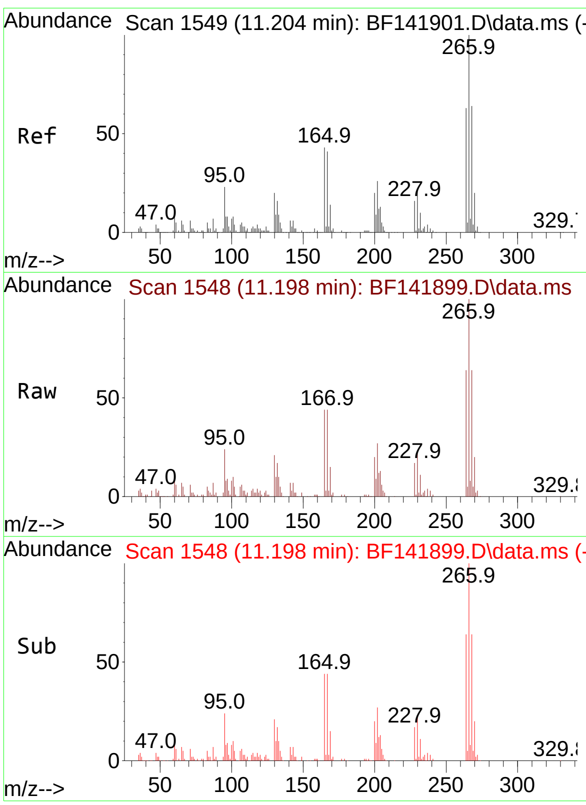


#69
Atrazine
Concen: 13.502 ng
RT: 11.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:200 Resp: 102822

Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.7	44.7
215	45.0	25.4	65.4

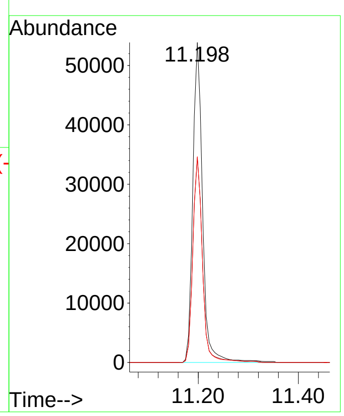




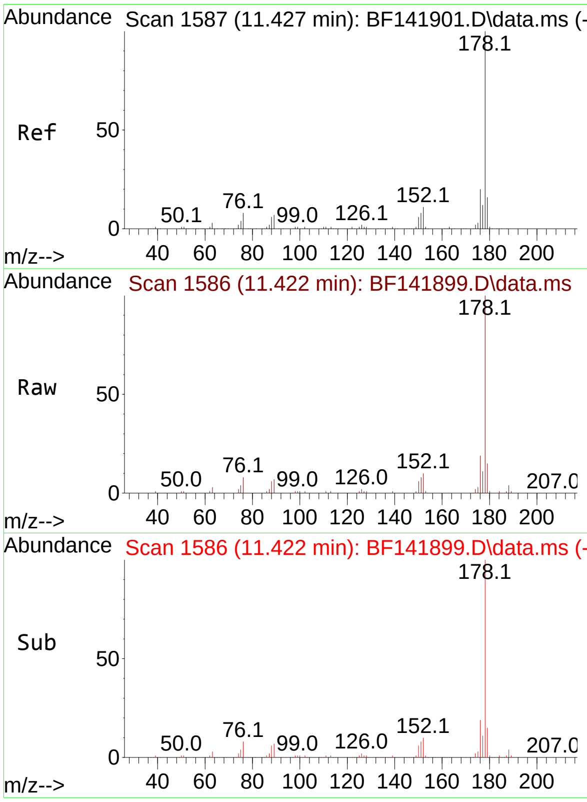
#70
Pentachlorophenol
Concen: 8.909 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:266 Resp: 73112

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.0	76.6
264	64.3	50.2	75.2



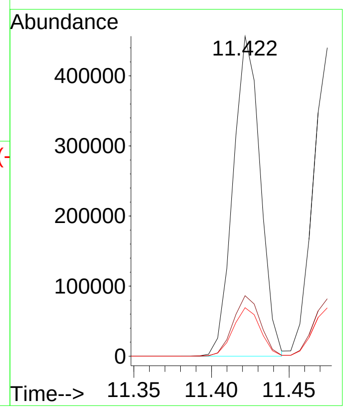
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

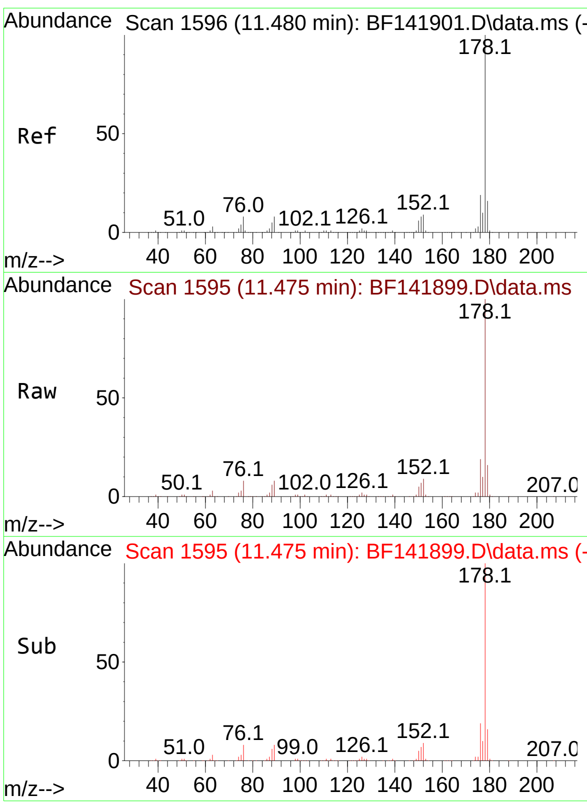


#71
Phenanthrene
Concen: 10.646 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:178 Resp: 556546

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.2	12.6	19.0

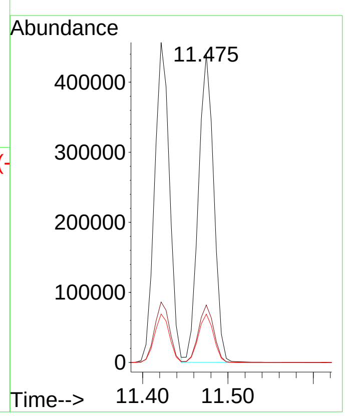




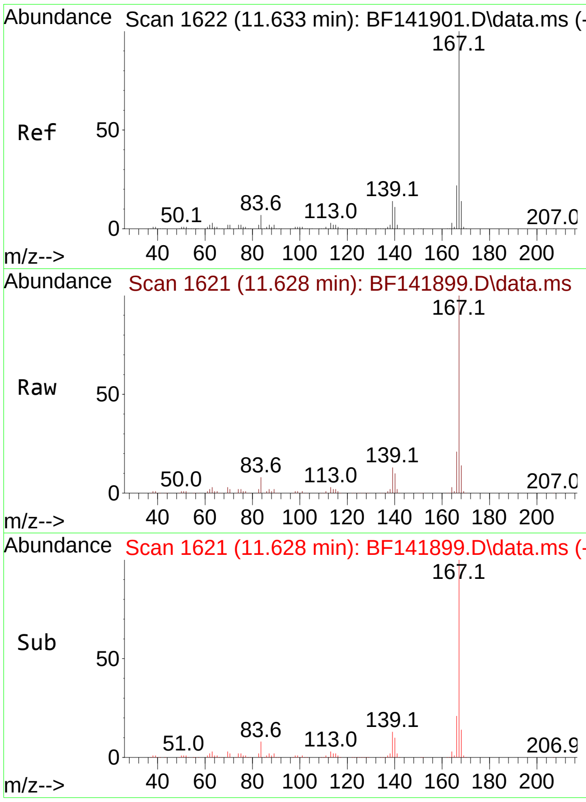
#72
Anthracene
Concen: 10.501 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:178 Resp: 550767

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.7	12.6	19.0



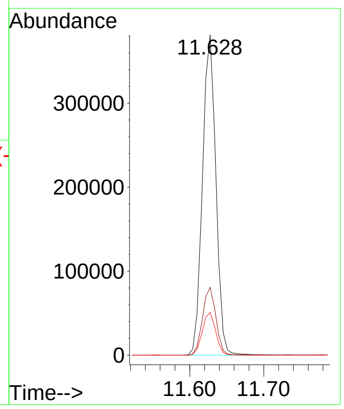
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

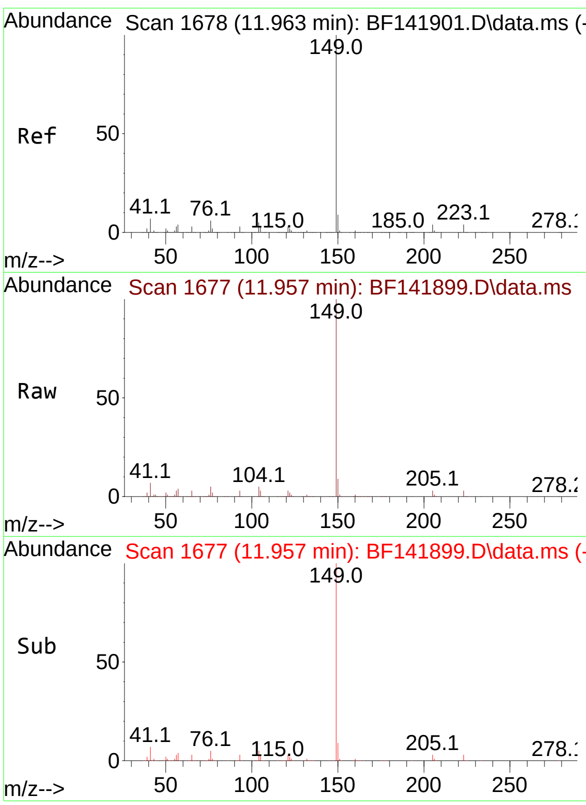


#73
Carbazole
Concen: 10.641 ng
RT: 11.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:167 Resp: 480520

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.2
139	13.3	11.0	16.6

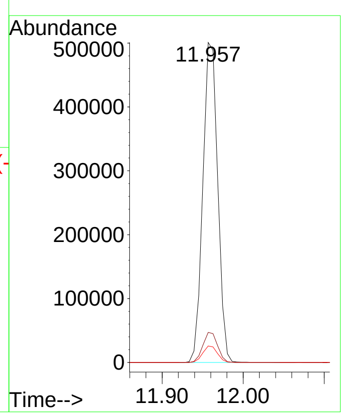


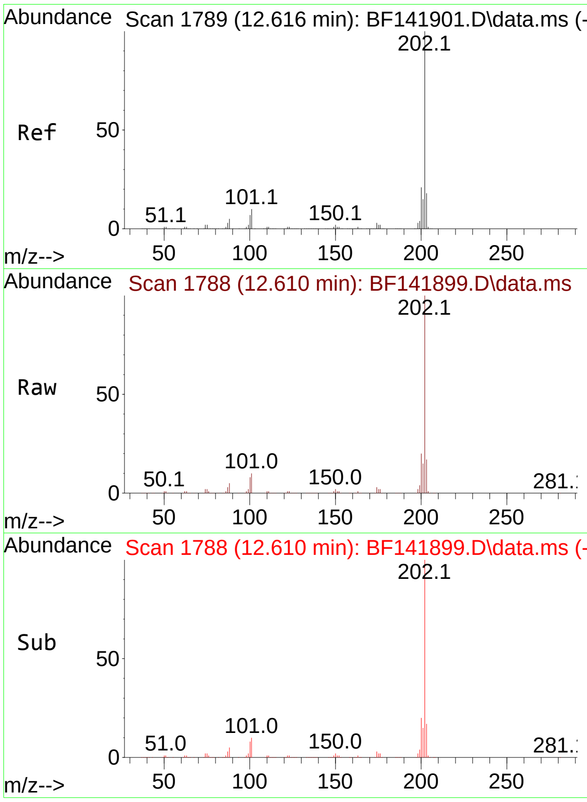


#74
Di-n-butylphthalate
Concen: 10.708 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:149 Resp: 638429

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.2	4.4	6.6



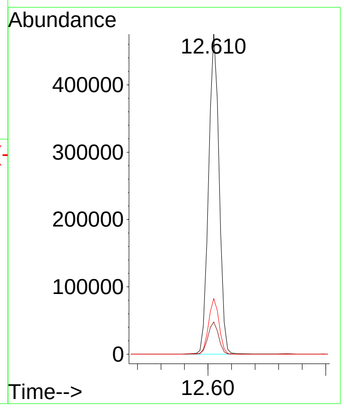


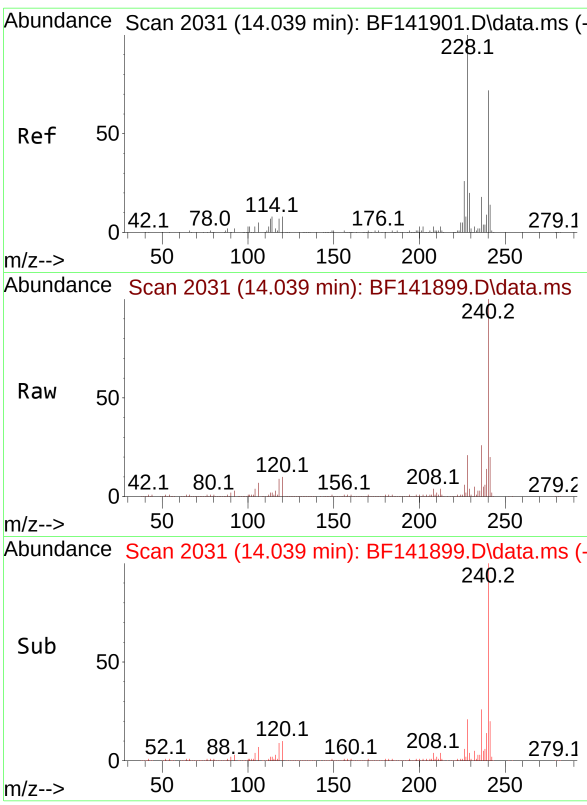
#75
Fluoranthene
Concen: 10.801 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 592806

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.7
203	17.4	0.0	37.8

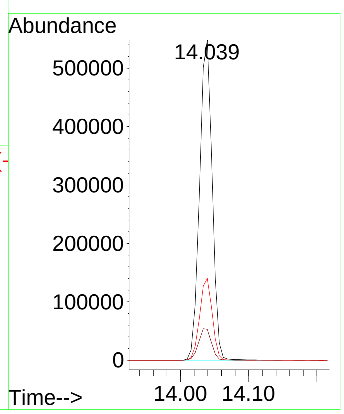




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:240 Resp: 703100

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.4	12.6
236	25.5	20.5	30.7



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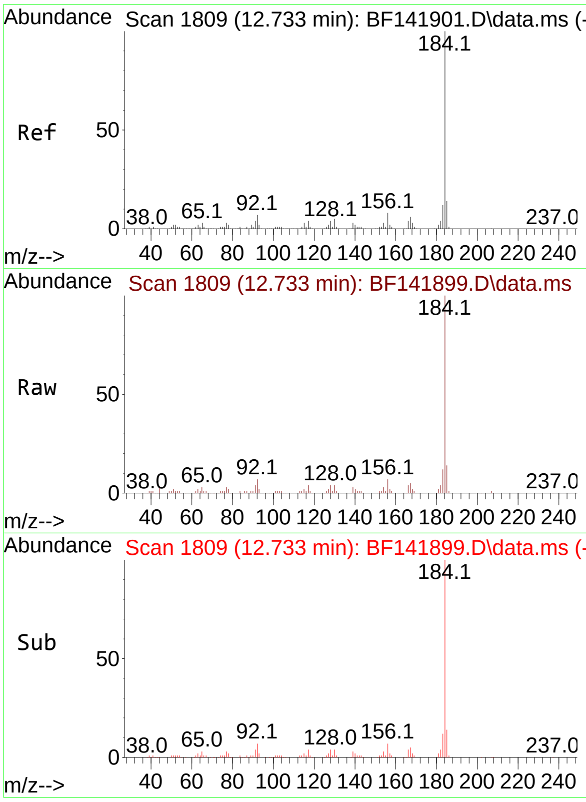
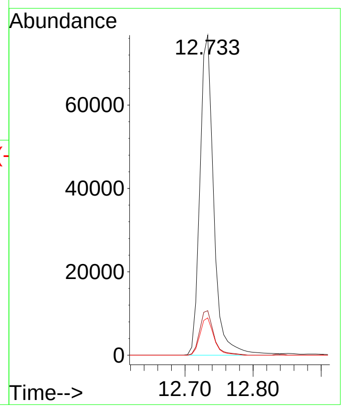
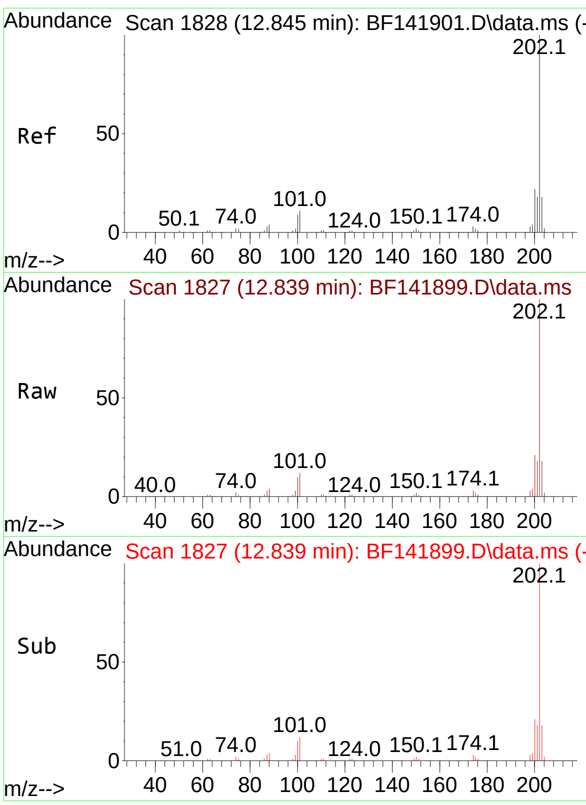
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

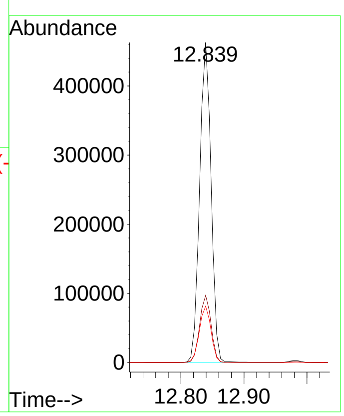



```
#77
Benzidine
Concen:   10.946 ng
RT:  12.733 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141899.D
Acq: 10 Mar 2025  12:00

Tgt Ion:184 Resp:  108761
Ion  Ratio  Lower  Upper
184  100
185   13.9   11.5   17.3
183   11.6    9.7   14.5
```






```
#78
Pyrene
Concen:    9.626 ng
RT:  12.839 min  Scan# 1827
Delta R.T.  -0.006 min
Lab File:   BF141899.D
Acq: 10 Mar 2025  12:00

Tgt Ion:202 Resp:  580442
Ion  Ratio  Lower  Upper
202  100
200   20.9   17.3   25.9
203   17.6   14.4   21.6
```



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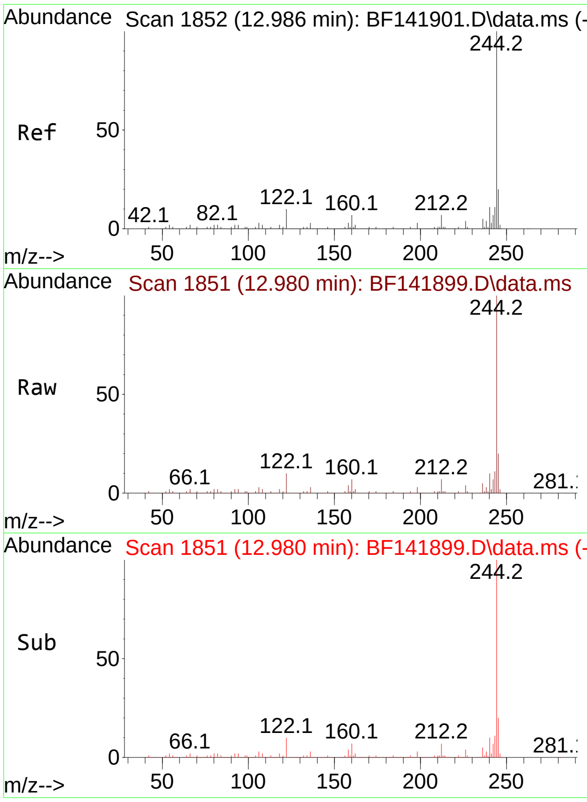
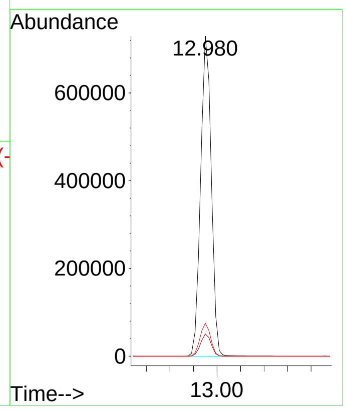
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

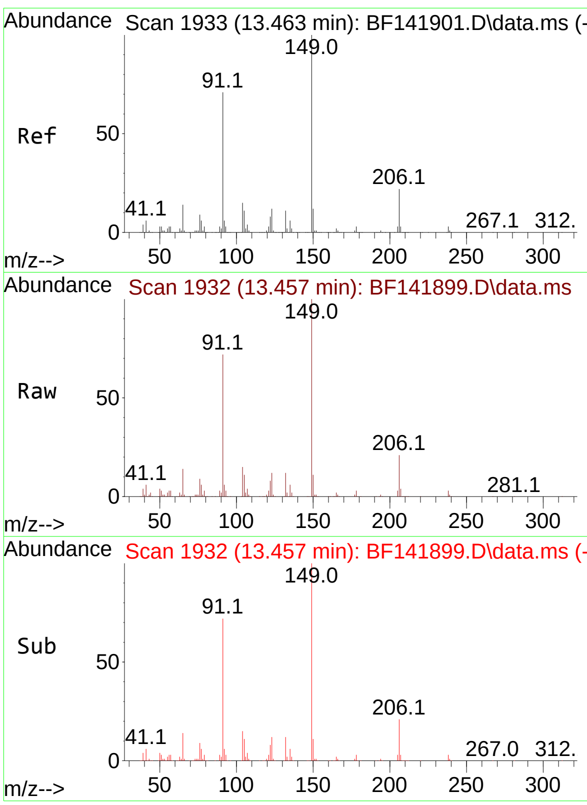


#79
Terphenyl-d14
Concen: 19.345 ng
RT: 12.980 min   Scan# 1
Delta R.T.   -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:244 Resp: 920159

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	10.3	7.7	11.5

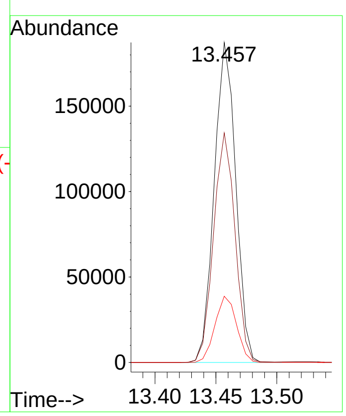




#80
Butylbenzylphthalate
Concen: 9.710 ng
RT: 13.457 min   Scan# 1932
Delta R.T.   -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

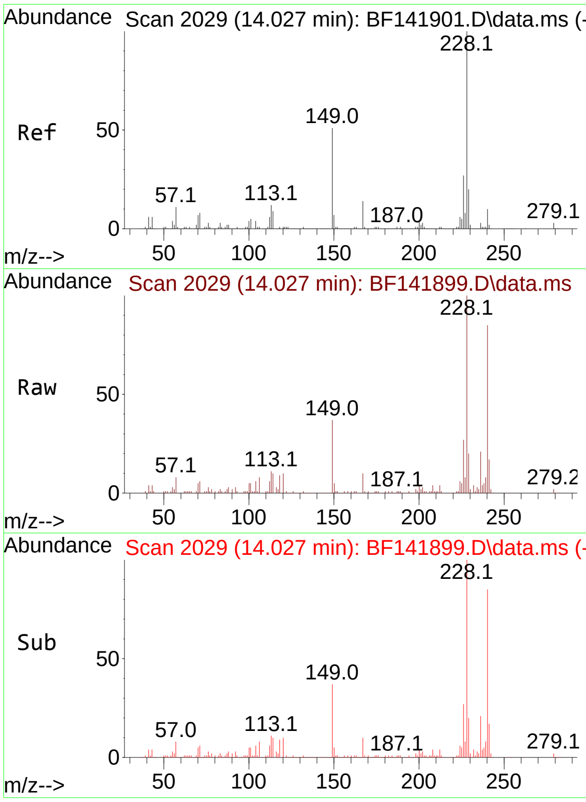
Tgt Ion:149 Resp: 230714

Ion	Ratio	Lower	Upper
149	100		
91	71.8	56.5	84.7
206	20.7	17.3	25.9



ICAL Form

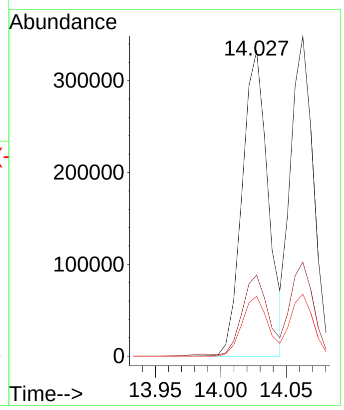
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

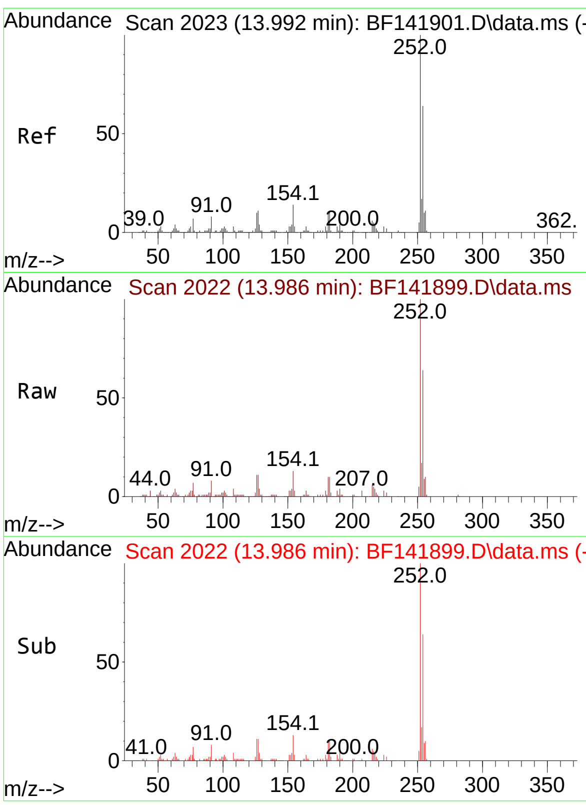


#81
Benzo(a)anthracene
Concen: 9.911 ng
RT: 14.027 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:228 Resp: 458422

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.8
229	19.6	16.0	24.0

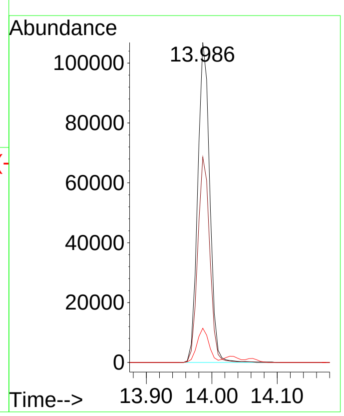




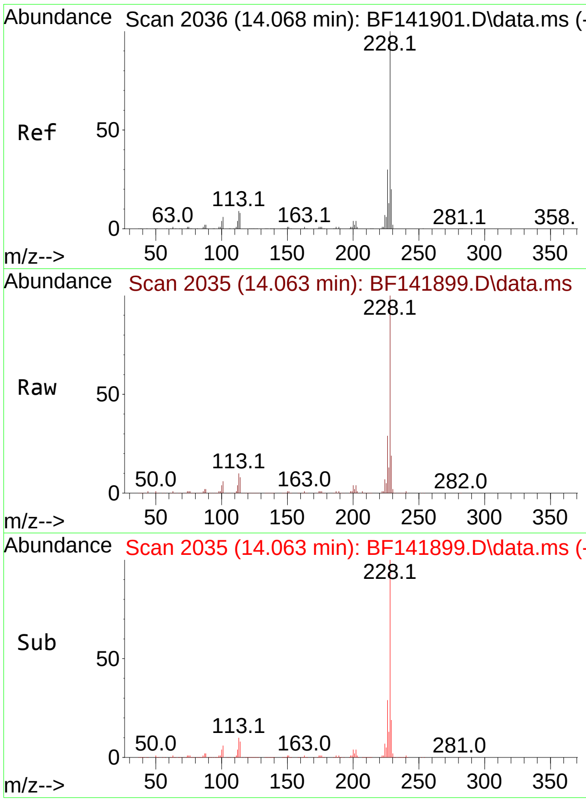
#82
3,3'-Dichlorobenzidine
Concen: 10.236 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:252 Resp: 136843

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.0	76.6
126	10.7	8.4	12.6



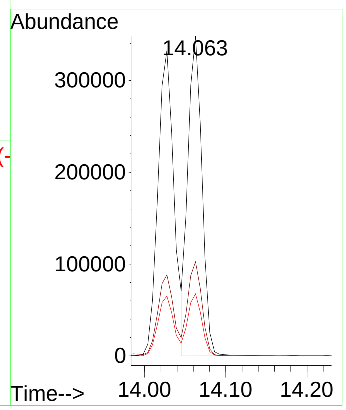
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

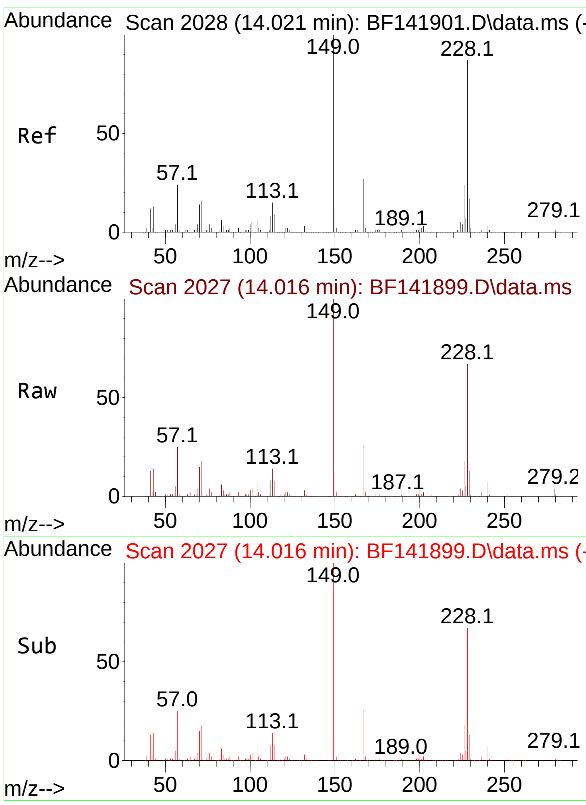


#83
Chrysene
Concen: 10.100 ng
RT: 14.063 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:228 Resp: 419687

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	19.4	15.7	23.5

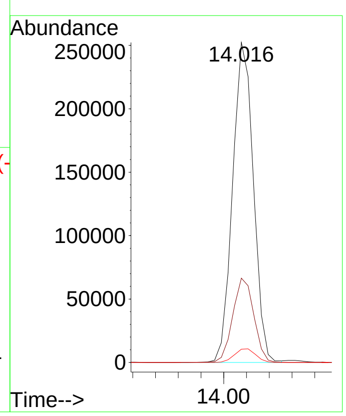




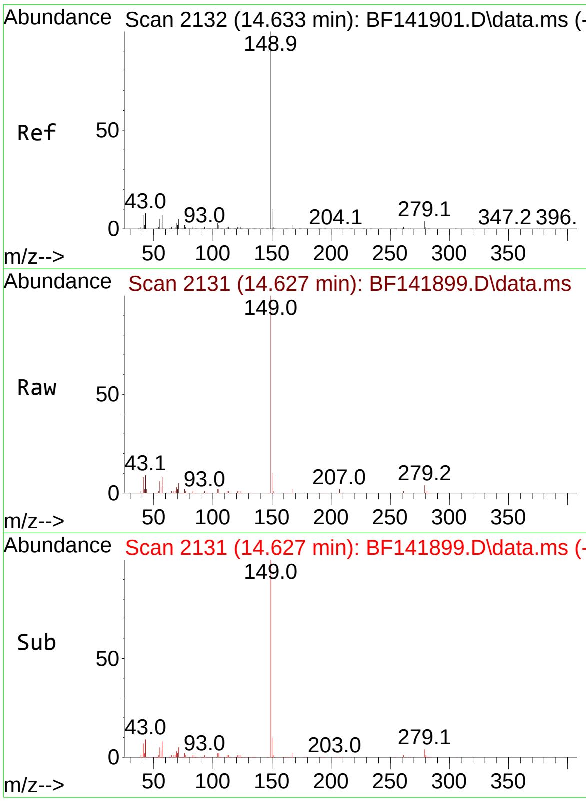
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.833 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:149 Resp: 320536

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.4	32.0
279	4.1	3.8	5.6



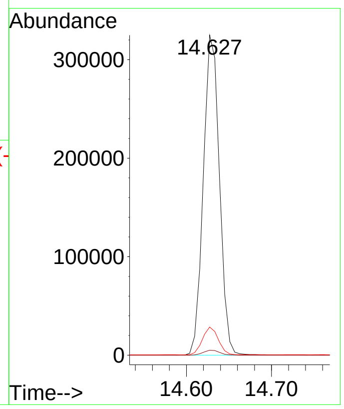
Instrument : BNA_F
ClientSampleId : SSTDICC010

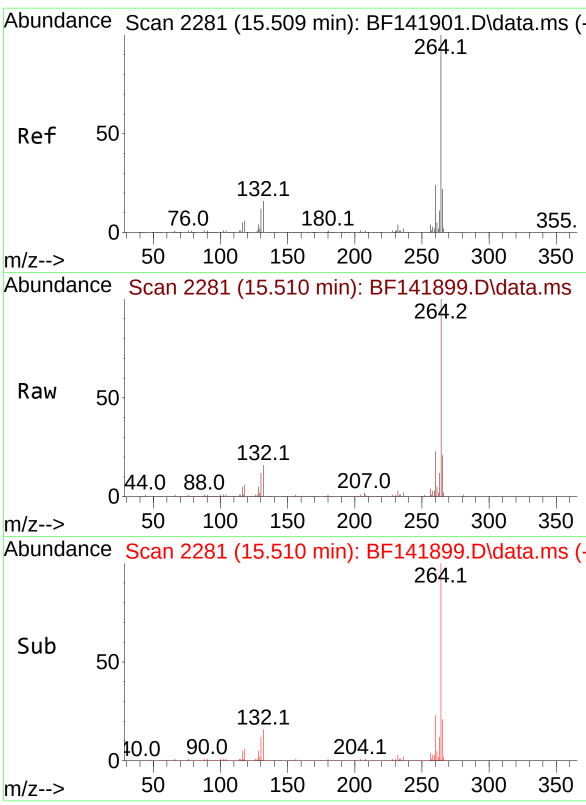


#85
Di-n-octyl phthalate
Concen: 9.442 ng
RT: 14.627 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:149 Resp: 428377

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	6.9	10.3

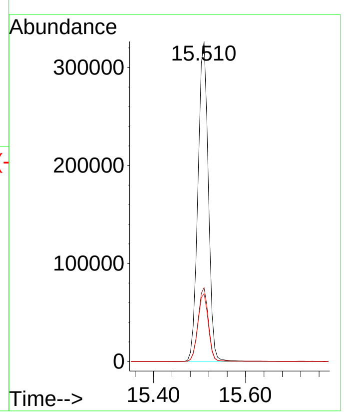




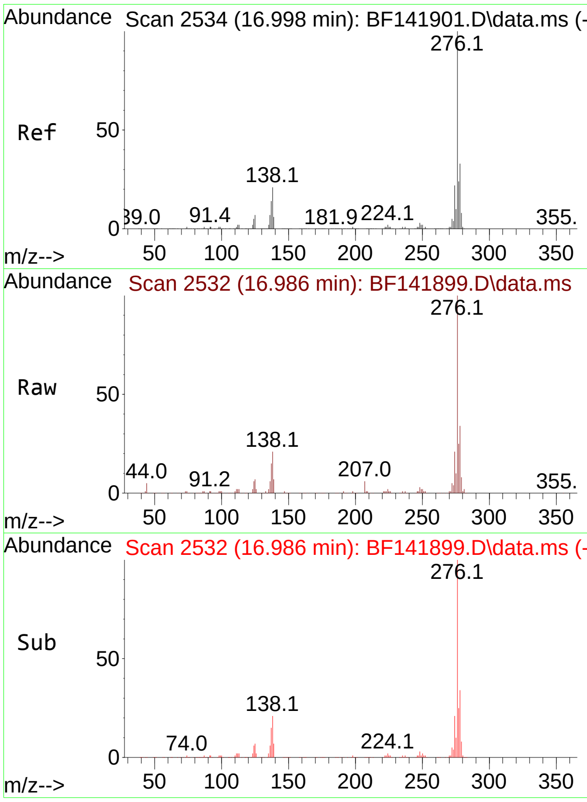
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:264 Resp: 510790

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.2	17.5	26.3



ICAL Form

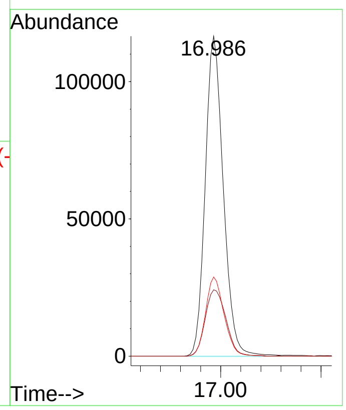


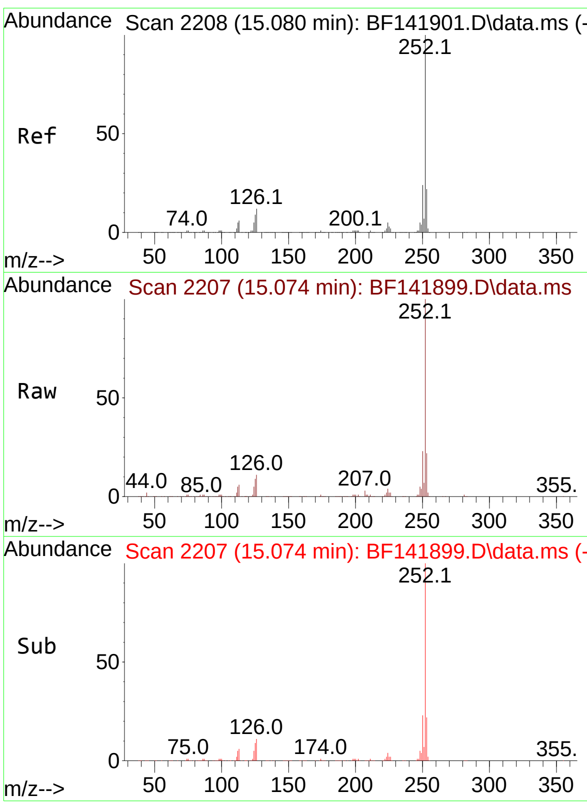
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.807 ng
RT: 16.986 min Scan# 2!
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 291723

Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.4	27.6
277	25.3	20.3	30.5

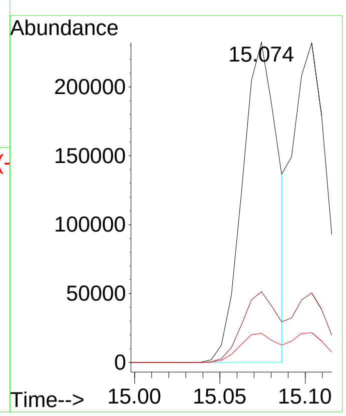


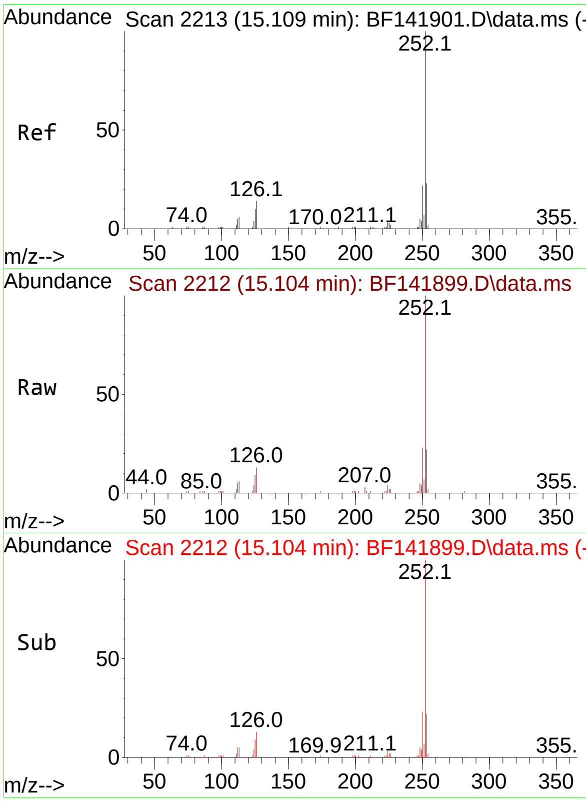


#88
Benzo(b)fluoranthene
Concen: 9.659 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:252 Resp: 334664

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.1	7.0	10.4





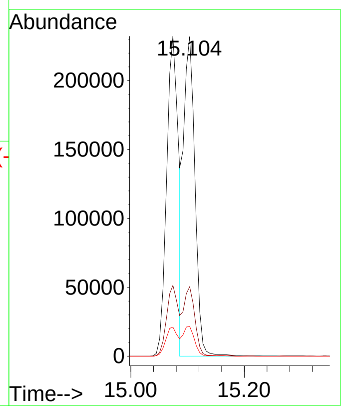
#89
Benzo(k)fluoranthene
Concen: 10.698 ng
RT: 15.104 min Scan# 2

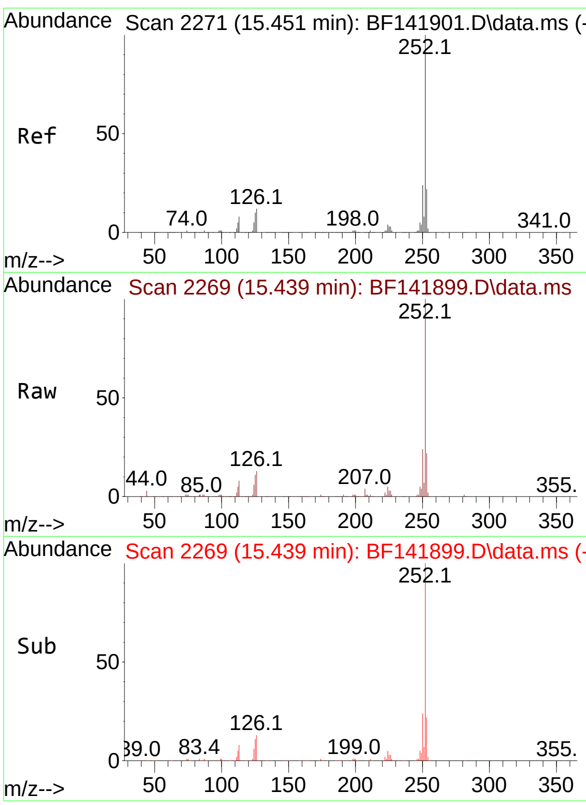
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Delta R.T.   -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:252 Resp: 323772

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.3	7.2	10.8

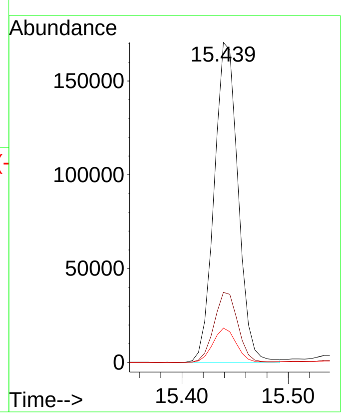




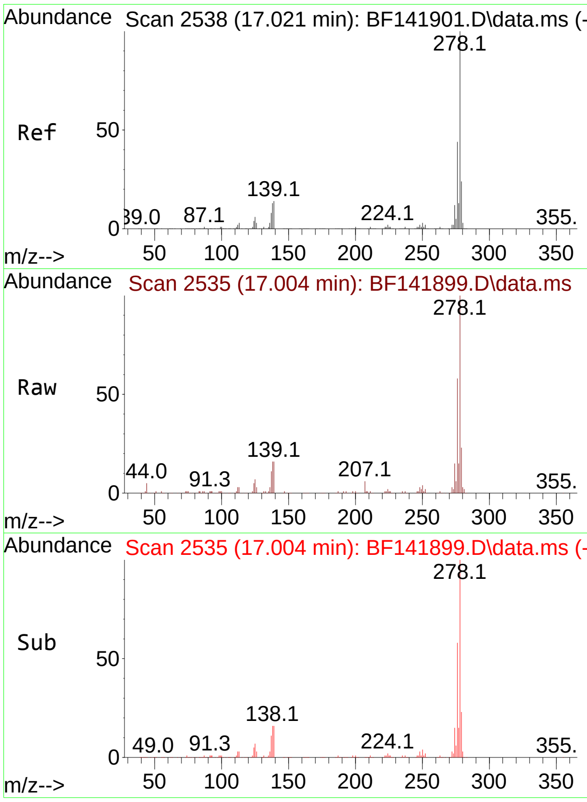
#90
Benzo(a)pyrene
Concen: 9.740 ng
RT: 15.439 min Scan# 2269
Delta R.T.   -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:252 Resp: 266149

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.7	7.8	11.8



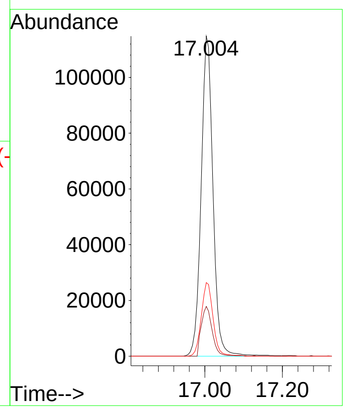
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

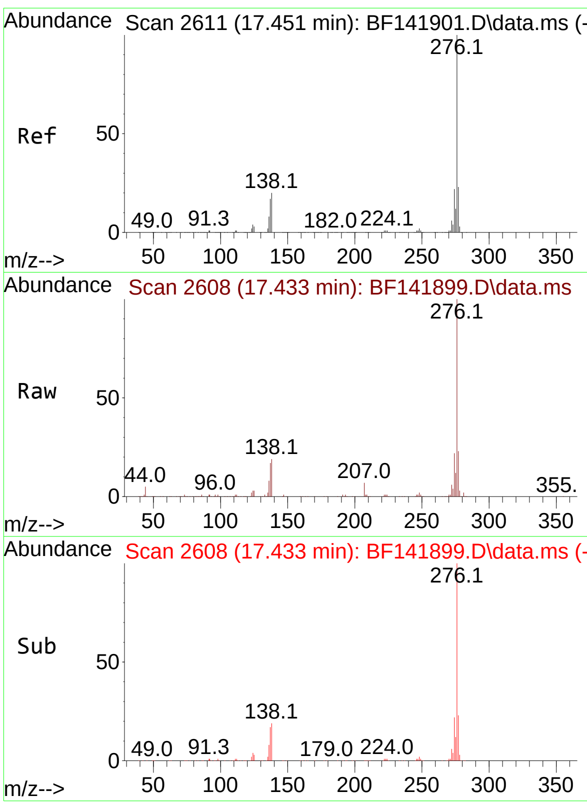


#91
Dibenzo(a,h)anthracene
Concen: 8.907 ng
RT: 17.004 min Scan# 2!
Delta R.T. -0.018 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:278 Resp: 243443

Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.4	17.2
279	23.0	18.8	28.2

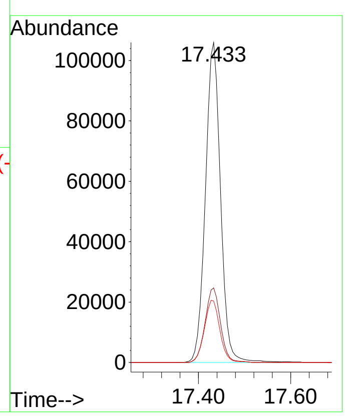




#92
Benzo(g,h,i)perylene
Concen: 8.941 ng
RT: 17.433 min Scan# 2608
Delta R.T. -0.018 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:276 Resp: 242380

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.7	28.1
138	19.2	15.8	23.8



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141900.D
Acq On : 10 Mar 2025 12:29
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Mar 10 15:34:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.881	152	198053	20.000 ng	0.00
21) Naphthalene-d8	8.163	136	797548	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	470833	20.000 ng	0.00
64) Phenanthrene-d10	11.404	188	826085	20.000 ng	0.00
76) Chrysene-d12	14.039	240	581591	20.000 ng	0.00
86) Perylene-d12	15.509	264	428960	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.487	112	514189	43.318 ng	0.00
7) Phenol-d6	6.498	99	651272	43.079 ng	0.00
23) Nitrobenzene-d5	7.439	82	604270	42.465 ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	243832	40.869 ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1298709	42.002 ng	0.00
79) Terphenyl-d14	12.986	244	1582373	40.218 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.669	88	106079	21.323 ng	99
3) Pyridine	3.434	79	264229	21.612 ng	100
4) n-Nitrosodimethylamine	3.375	42	122948	21.155 ng	99
6) Aniline	6.539	93	324802	21.763 ng	99
8) 2-Chlorophenol	6.663	128	284082	21.592 ng	99
9) Benzaldehyde	6.428	77	193024	22.843 ng	98
10) Phenol	6.510	94	346008	21.692 ng	97
11) bis(2-Chloroethyl)ether	6.610	93	253793	21.236 ng	98
12) 1,3-Dichlorobenzene	6.822	146	304632	21.426 ng	98
13) 1,4-Dichlorobenzene	6.898	146	306665	21.319 ng	100
14) 1,2-Dichlorobenzene	7.051	146	289199	21.349 ng	99
15) Benzyl Alcohol	7.016	79	261893	21.402 ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	303847	21.095 ng	99
17) 2-Methylphenol	7.122	107	222173	21.248 ng	97
18) Hexachloroethane	7.392	117	114019	21.141 ng	99
19) n-Nitroso-di-n-propyla...	7.286	70	206654	21.268 ng	97
20) 3+4-Methylphenols	7.275	107	291065	21.702 ng	99
22) Acetophenone	7.286	105	409149	21.385 ng	99
24) Nitrobenzene	7.457	77	299046	21.196 ng	99
25) Isophorone	7.698	82	522239	20.788 ng	100
26) 2-Nitrophenol	7.775	139	144979	20.970 ng	99
27) 2,4-Dimethylphenol	7.804	122	200058	21.009 ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	331966	21.093 ng	99
29) 2,4-Dichlorophenol	8.010	162	246810	20.884 ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	272773	20.922 ng	97
31) Naphthalene	8.181	128	877897	21.487 ng	99
32) Benzoic acid	7.892	122	152420	18.313 ng	99
33) 4-Chloroaniline	8.228	127	313249	21.726 ng	98
34) Hexachlorobutadiene	8.298	225	176253	20.791 ng	99
35) Caprolactam	8.580	113	75048	20.884 ng	99
36) 4-Chloro-3-methylphenol	8.698	107	278207	21.168 ng	100
37) 2-Methylnaphthalene	8.875	142	584552	21.324 ng	99
38) 1-Methylnaphthalene	8.975	142	575428	21.677 ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	294845	20.538 ng	99
41) Hexachlorocyclopentadiene	9.028	237	117174	20.685 ng	100
43) 2,4,6-Trichlorophenol	9.145	196	189069	20.203 ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141900.D
Acq On : 10 Mar 2025 12:29
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Mar 10 15:34:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	198841	20.912 ng		99
46) 1,1'-Biphenyl	9.333	154	749087	20.985 ng		100
47) 2-Chloronaphthalene	9.363	162	555946	20.898 ng		98
48) 2-Nitroaniline	9.451	65	162790	21.302 ng		97
49) Acenaphthylene	9.775	152	837016	21.222 ng		99
50) Dimethylphthalate	9.633	163	691454	21.137 ng		100
51) 2,6-Dinitrotoluene	9.692	165	143513	21.096 ng		100
52) Acenaphthene	9.951	154	579623	20.813 ng		98
53) 3-Nitroaniline	9.863	138	148977	21.327 ng		98
54) 2,4-Dinitrophenol	9.963	184	58223	20.368 ng	#	33
55) Dibenzofuran	10.122	168	843359	21.238 ng		98
56) 4-Nitrophenol	10.010	139	109958	20.955 ng		100
57) 2,4-Dinitrotoluene	10.098	165	189234	21.132 ng		98
58) Fluorene	10.463	166	650245	21.211 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	183513	21.272 ng		99
60) Diethylphthalate	10.333	149	704993	21.468 ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	330489	20.698 ng		99
62) 4-Nitroaniline	10.474	138	142995	21.125 ng		99
63) Azobenzene	10.616	77	660935	21.665 ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	91852	18.755 ng		98
66) n-Nitrosodiphenylamine	10.569	169	553905	20.756 ng		99
67) 4-Bromophenyl-phenylether	10.945	248	210241	20.436 ng		100
68) Hexachlorobenzene	11.010	284	234399	20.613 ng		99
69) Atrazine	11.092	200	159306	24.481 ng		99
70) Pentachlorophenol	11.198	266	141842	20.227 ng		100
71) Phenanthrene	11.427	178	939782	21.038 ng		99
72) Anthracene	11.474	178	940875	20.993 ng		99
73) Carbazole	11.627	167	813998	21.096 ng		100
74) Di-n-butylphthalate	11.963	149	1089304	21.382 ng		99
75) Fluoranthene	12.610	202	1014464	21.632 ng		100
77) Benzidine	12.733	184	110648	13.463 ng		99
78) Pyrene	12.839	202	1004157	20.133 ng		99
80) Butylbenzylphthalate	13.457	149	408044	20.761 ng		98
81) Benzo(a)anthracene	14.027	228	776120	20.285 ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	221168	19.999 ng		99
83) Chrysene	14.062	228	732966	21.325 ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	562062	20.845 ng		99
85) Di-n-octyl phthalate	14.633	149	778373	20.740 ng		100
87) Indeno(1,2,3-cd)pyrene	16.992	276	560913	20.163 ng		99
88) Benzo(b)fluoranthene	15.074	252	636808	21.886 ng		100
89) Benzo(k)fluoranthene	15.104	252	513311	20.196 ng		99
90) Benzo(a)pyrene	15.445	252	481683	20.991 ng		100
91) Dibenzo(a,h)anthracene	17.009	278	460109	20.046 ng		99
92) Benzo(g,h,i)perylene	17.439	276	455034	19.987 ng		99

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

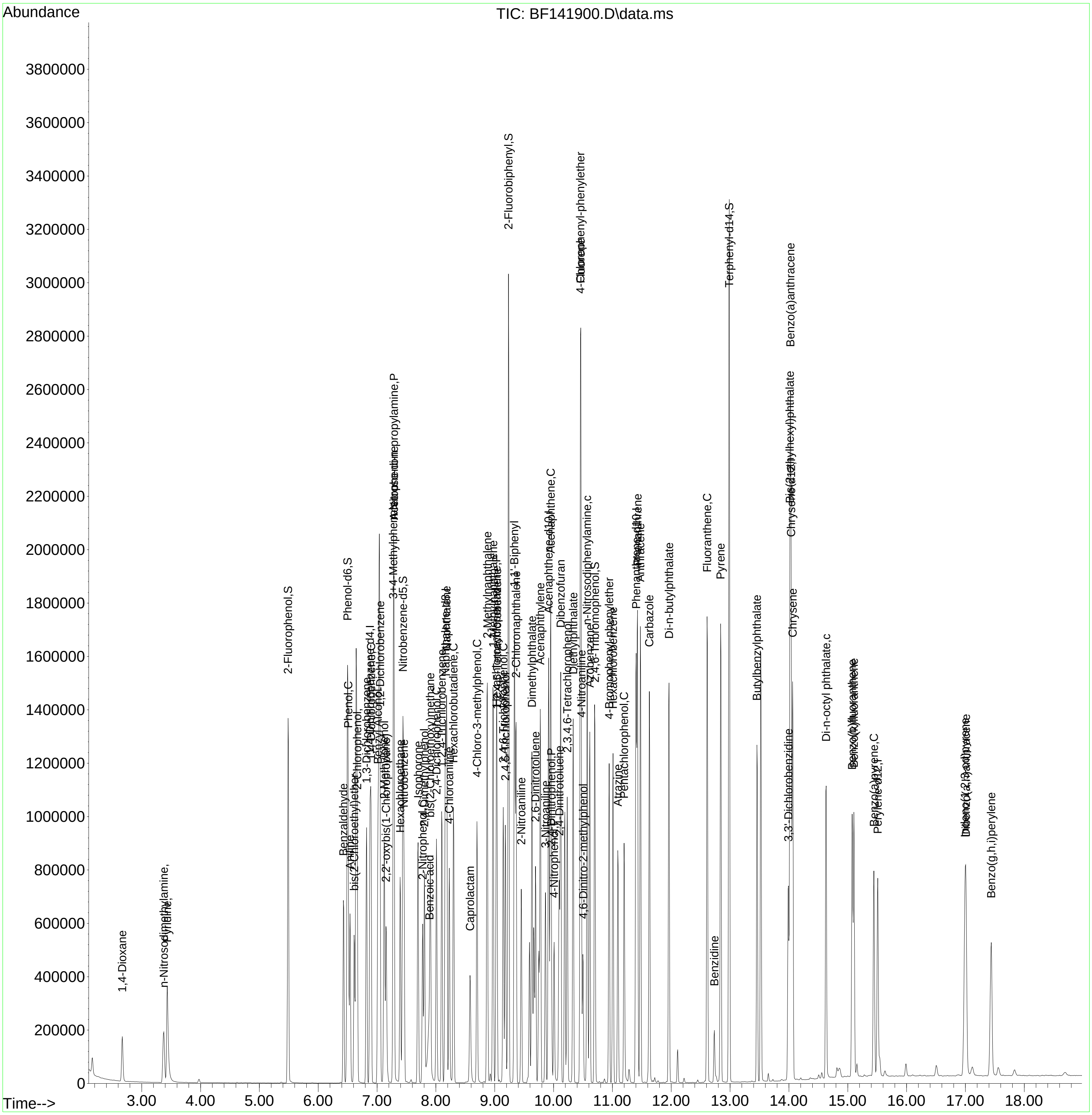
Quantitation Report (QT Reviewed)

ICAL Form

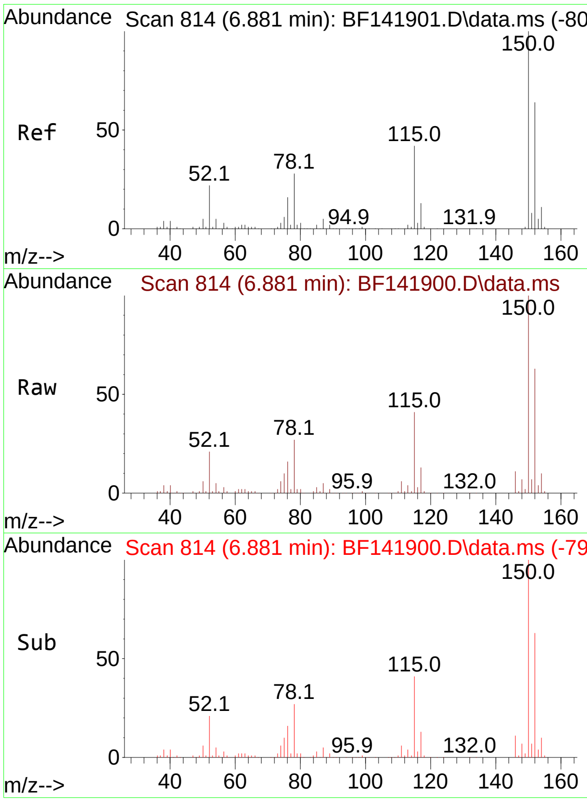
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141900.D
Acq On : 10 Mar 2025 12:29
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Mar 10 15:34:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



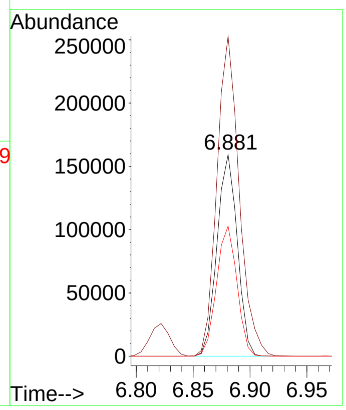
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

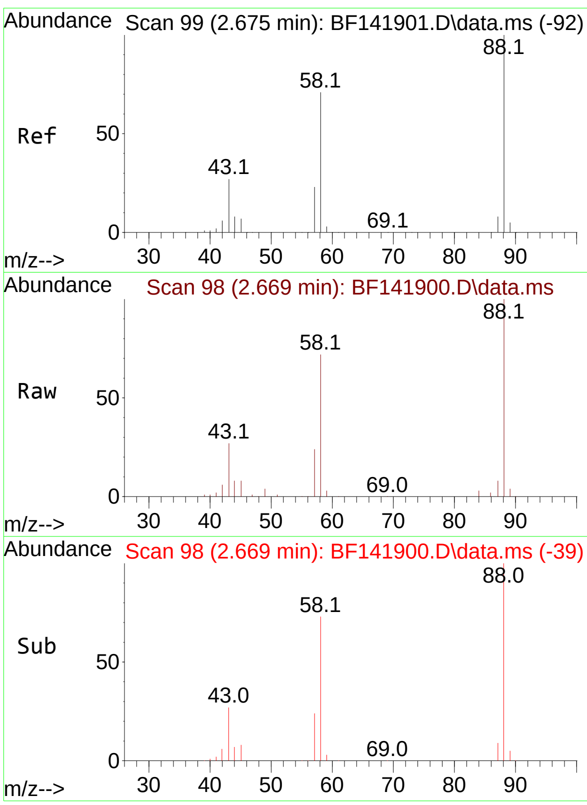


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:152 Resp: 198053

Ion	Ratio	Lower	Upper
152	100		
150	158.7	127.4	191.2
115	64.5	51.9	77.9

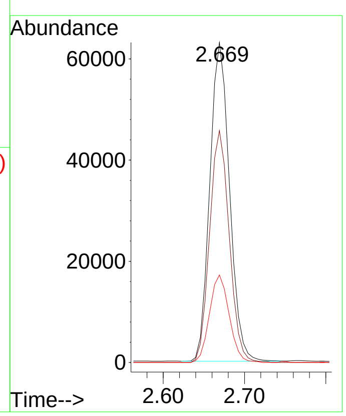




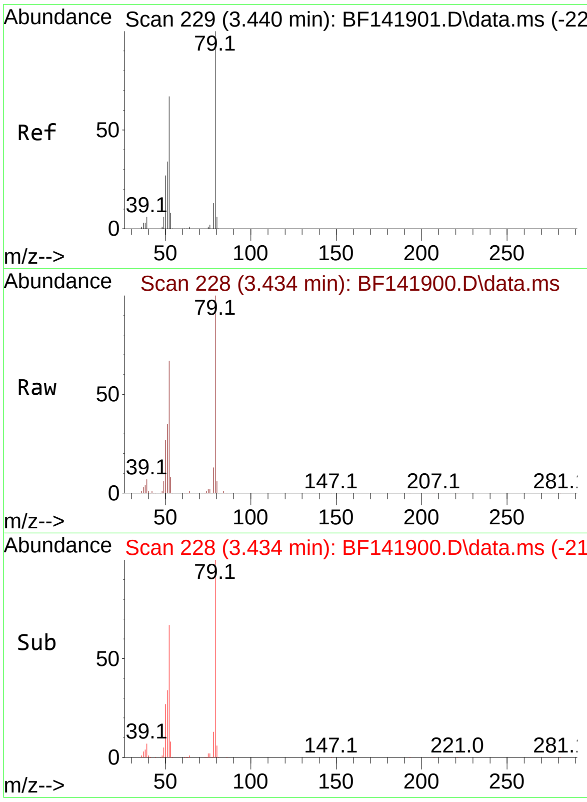
#2
1,4-Dioxane
Concen: 21.323 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 88 Resp: 106079

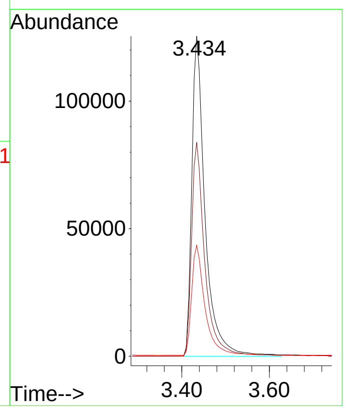
Ion	Ratio	Lower	Upper
88	100		
58	72.3	57.4	86.2
43	27.4	21.5	32.3

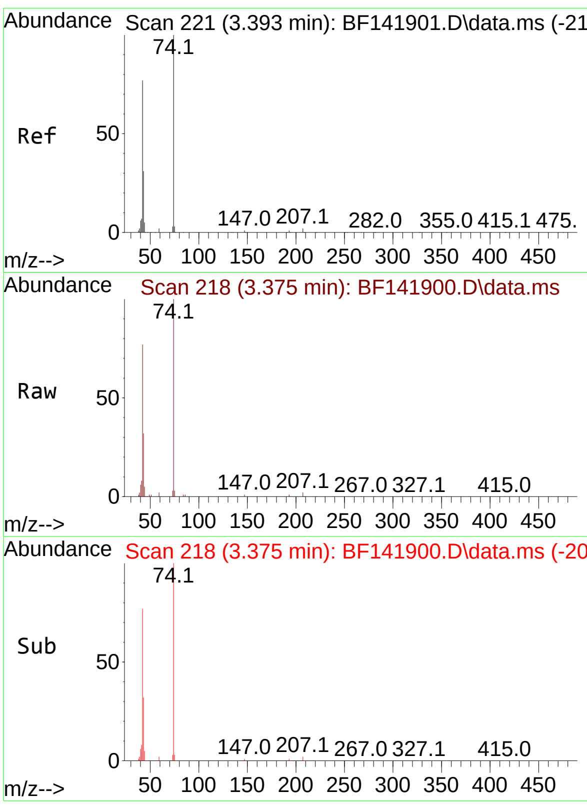


Instrument :
BNA_F
ClientSampleId :
SSTDICC020

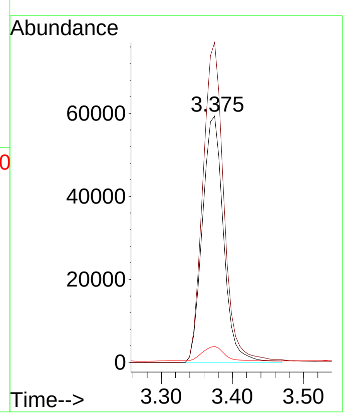



```
#3
Pyridine
Concen:   21.612 ng
RT:   3.434 min  Scan# 2
Delta R.T.   -0.006 min
Lab File:   BF141900.D
Acq: 10 Mar 2025   12:29

Tgt Ion: 79 Resp:   264229
Ion  Ratio  Lower  Upper
 79  100
 52   66.8   53.3   79.9
 51   34.7   27.6   41.4
```

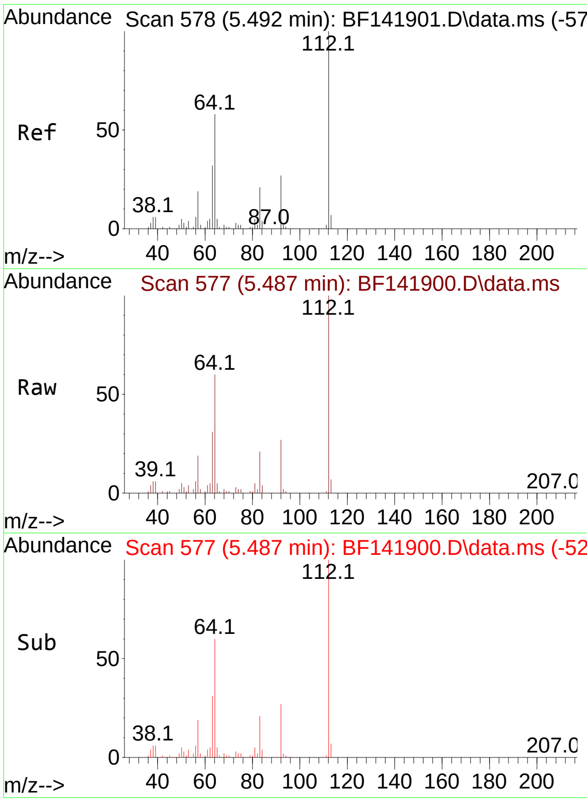





```
#4
n-Nitrosodimethylamine
Concen:   21.155 ng
RT:   3.375 min  Scan# 218
Delta R.T.   -0.018 min
Lab File:   BF141900.D
Acq: 10 Mar 2025   12:29

Tgt Ion: 42 Resp:   122948
Ion  Ratio  Lower  Upper
 42  100
 74  129.9  103.4  155.0
 44    6.5    5.0    7.4
```



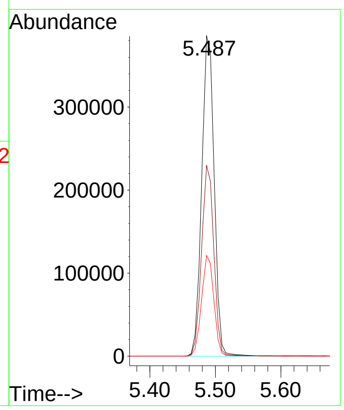
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

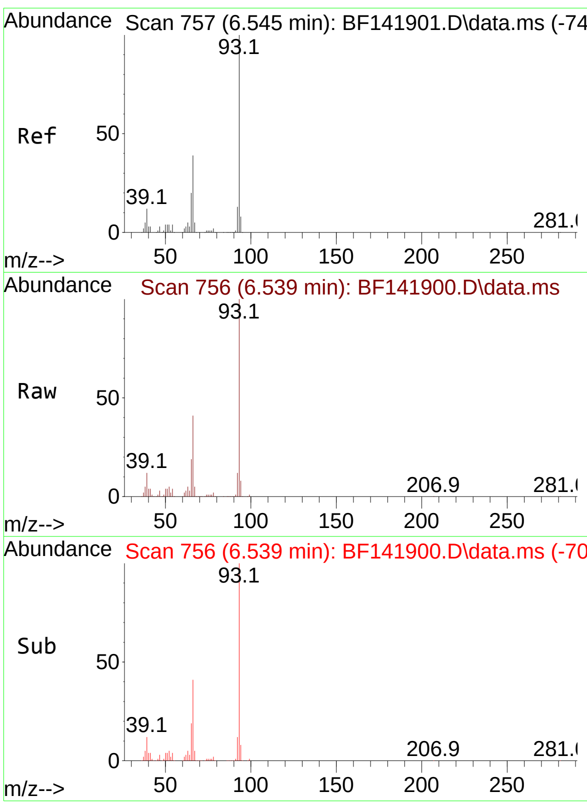


#5
2-Fluorophenol
Concen: 43.318 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:112 Resp: 514189

Ion	Ratio	Lower	Upper
112	100		
64	59.5	46.5	69.7
63	31.4	25.4	38.2

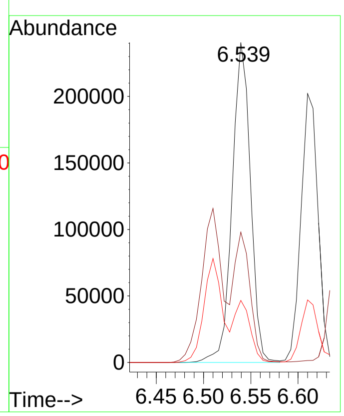




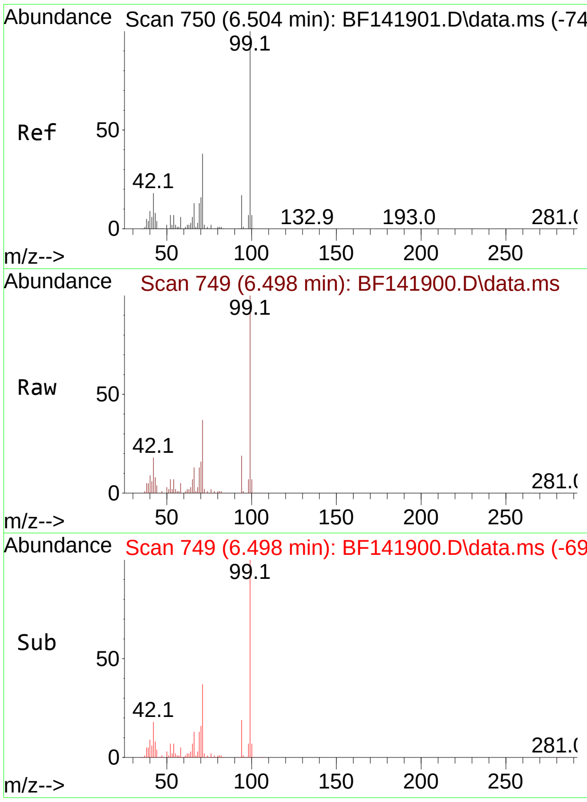
#6
Aniline
Concen: 21.763 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 93 Resp: 324802

Ion	Ratio	Lower	Upper
93	100		
66	40.8	31.9	47.9
65	19.4	15.8	23.6



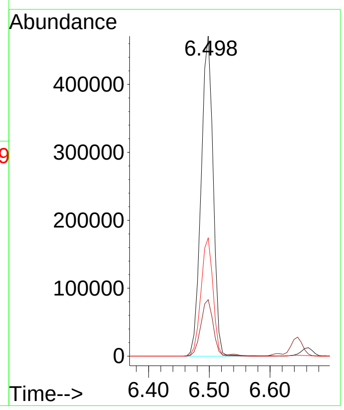
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

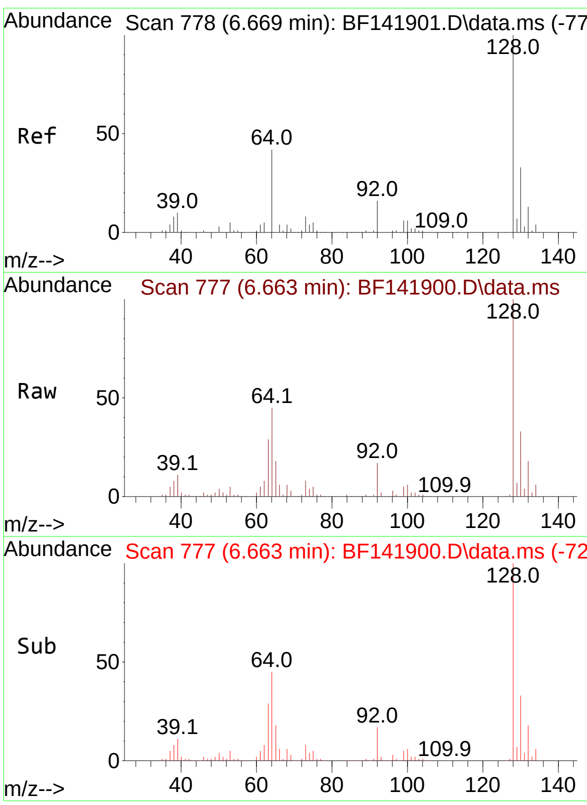


#7
Phenol-d6
Concen: 43.079 ng
RT: 6.498 min   Scan# 74
Delta R.T.   -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025   12:29

Tgt Ion: 99 Resp: 651272

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.6	21.8
71	36.9	30.8	46.2

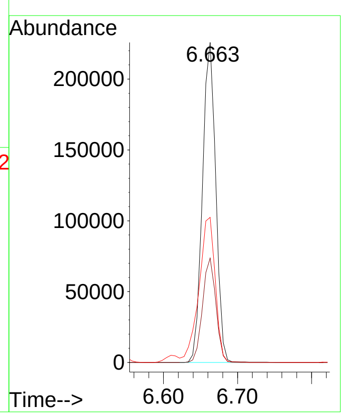




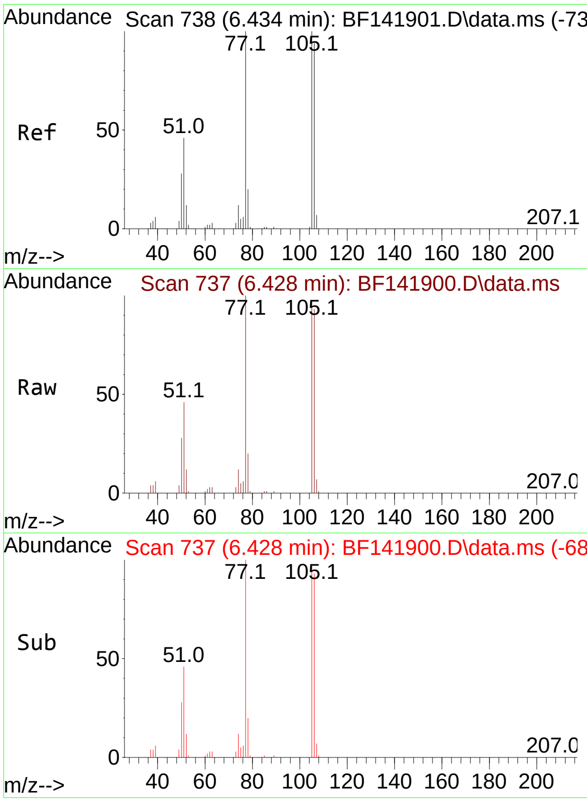
#8
2-Chlorophenol
Concen: 21.592 ng
RT: 6.663 min   Scan# 777
Delta R.T.   -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025   12:29

Tgt Ion:128 Resp: 284082

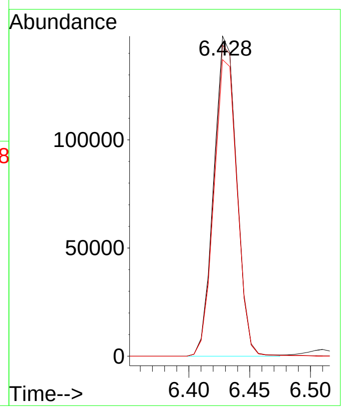
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.8	52.8
64	45.4	24.4	64.4

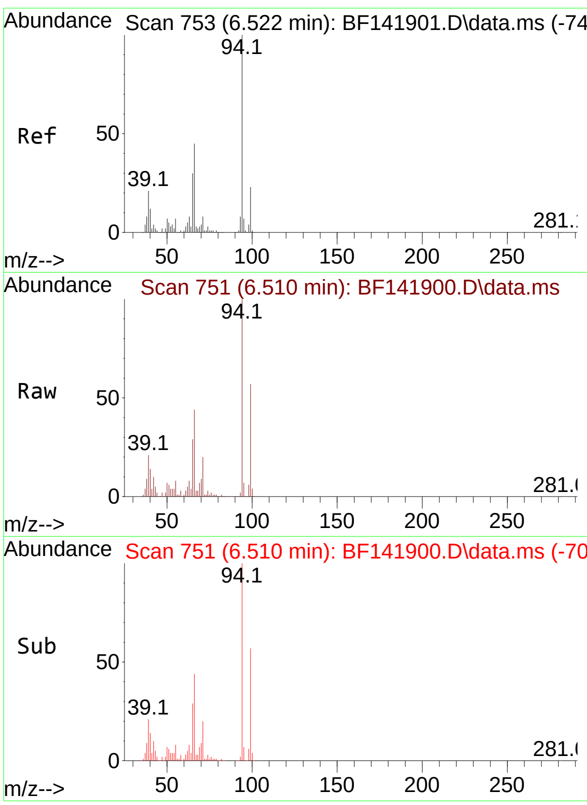


Instrument :
BNA_F
ClientSampleId :
SSTDICC020

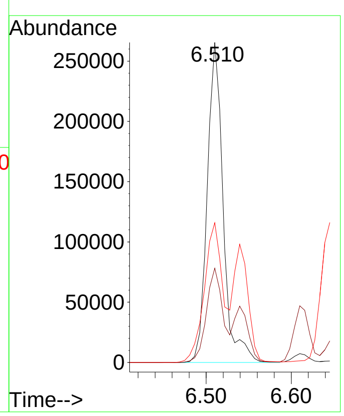



```
#9
Benzaldehyde
Concen:    22.843 ng
RT:   6.428 min   Scan# 7
Delta R.T.   -0.006 min
Lab File:    BF141900.D
Acq: 10 Mar 2025   12:29

Tgt Ion: 77 Resp:   193024
Ion   Ratio   Lower   Upper
 77   100
105    97.1    80.0   120.0
106    92.6    74.5   114.5
```

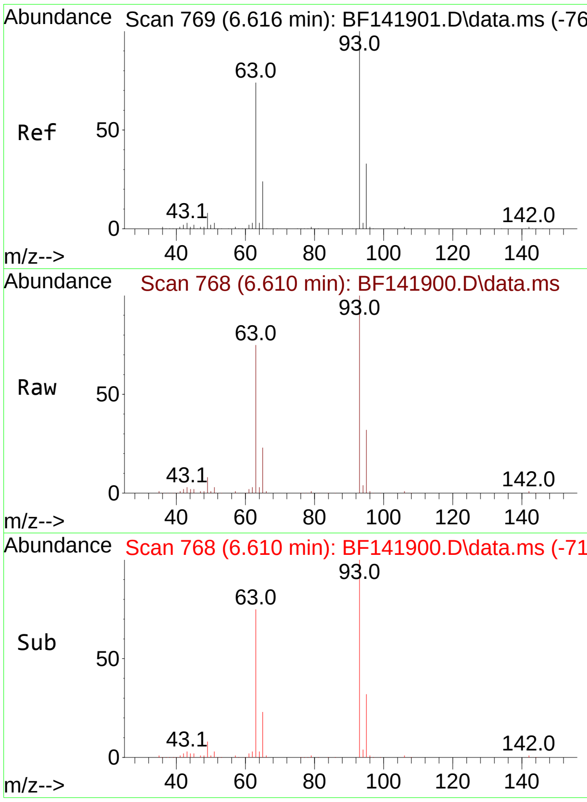





```
#10
Phenol
Concen:    21.692 ng
RT:   6.510 min   Scan# 751
Delta R.T.   -0.012 min
Lab File:    BF141900.D
Acq: 10 Mar 2025   12:29

Tgt Ion: 94 Resp:   346008
Ion   Ratio   Lower   Upper
 94   100
 65    29.5    10.5    50.5
 66    43.6    25.8    65.8
```



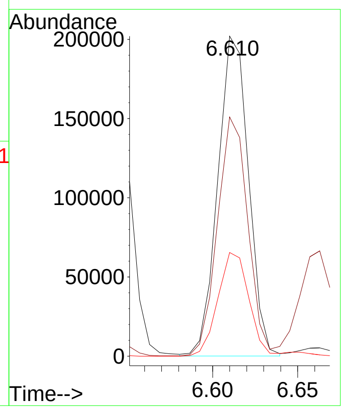
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

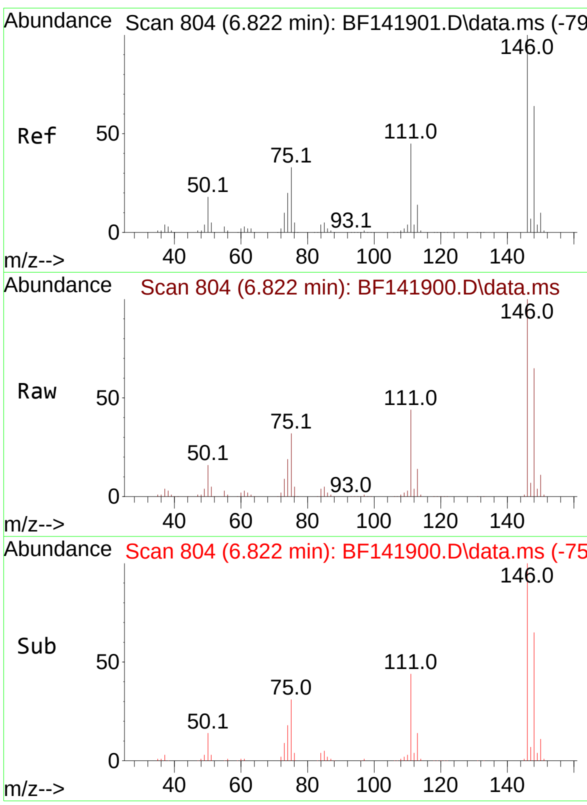


#11
bis(2-Chloroethyl)ether
Concen: 21.236 ng
RT: 6.610 min Scan# 7(
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 93 Resp: 253793

Ion	Ratio	Lower	Upper
93	100		
63	74.8	53.0	93.0
95	32.4	12.9	52.9

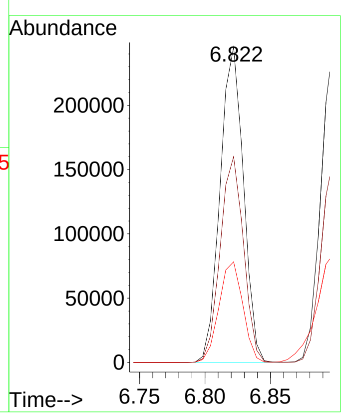




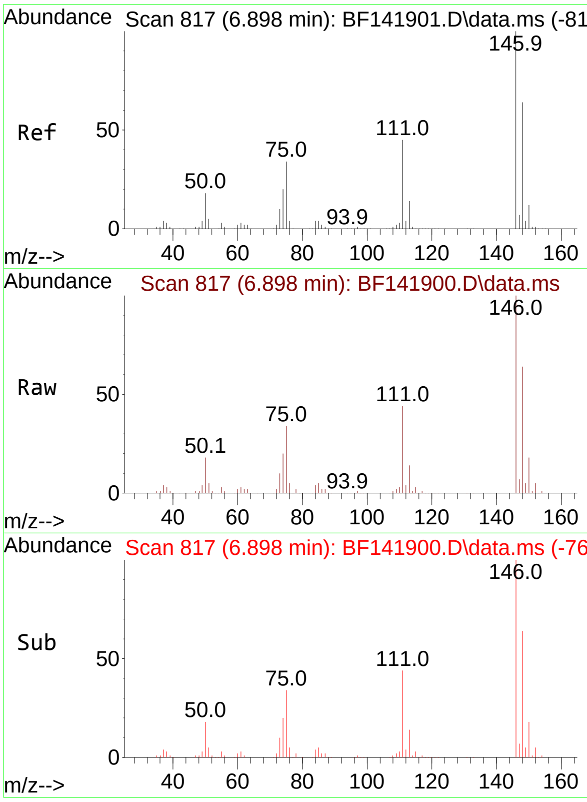
#12
1,3-Dichlorobenzene
Concen: 21.426 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:146 Resp: 304632

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.3	76.9
75	31.9	26.6	40.0



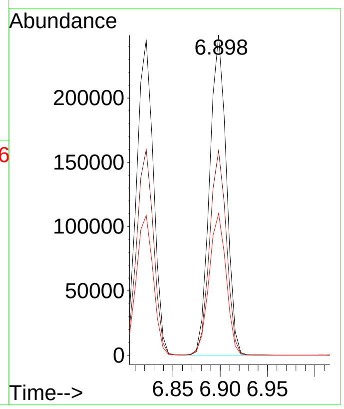
Instrument : BNA_F
ClientSampleId : SSTDICC020

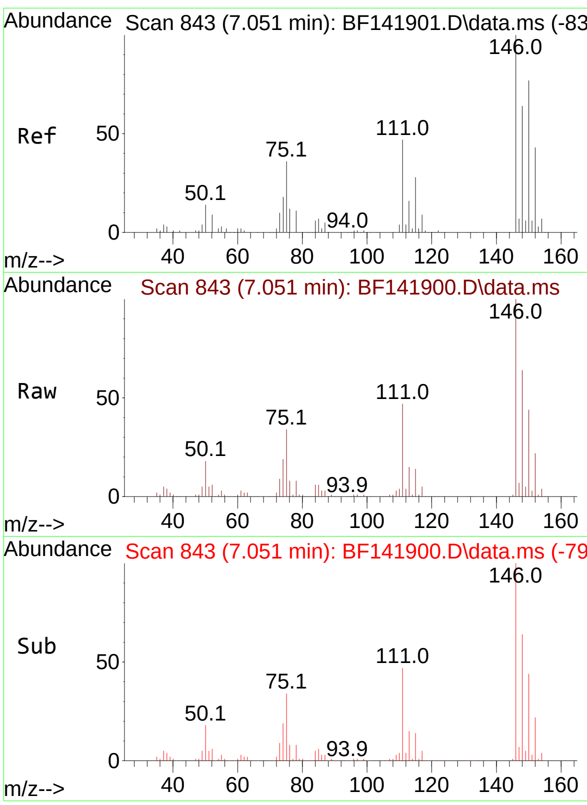


#13
1,4-Dichlorobenzene
Concen: 21.319 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:146 Resp: 306665

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	44.3	35.7	53.5

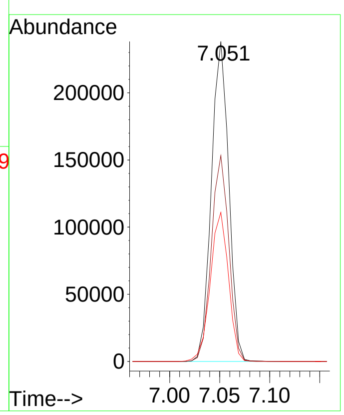




#14
1,2-Dichlorobenzene
Concen: 21.349 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

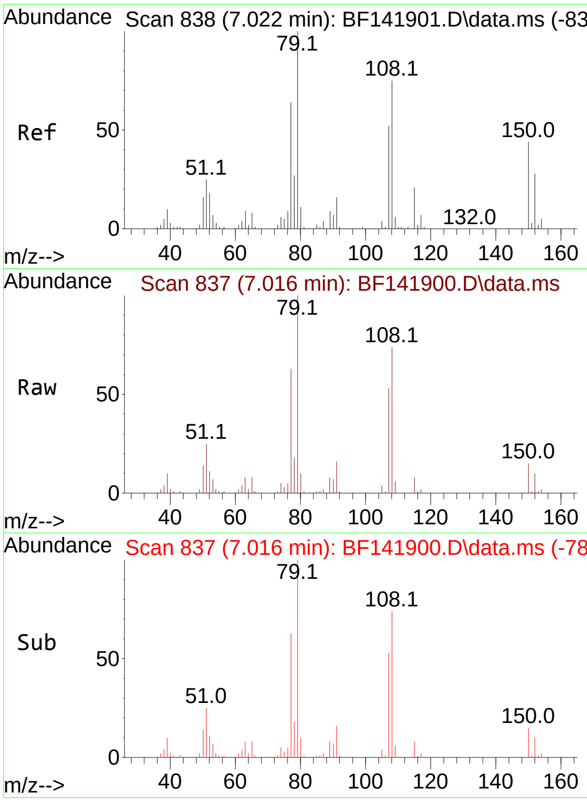
Tgt Ion:146 Resp: 289199

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	46.6	38.0	57.0



ICAL Form

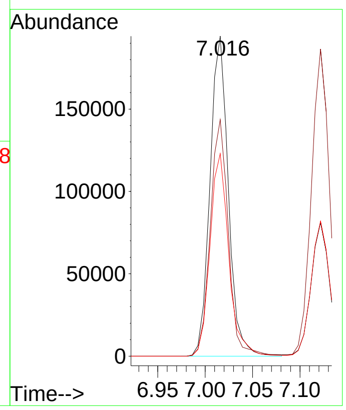
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

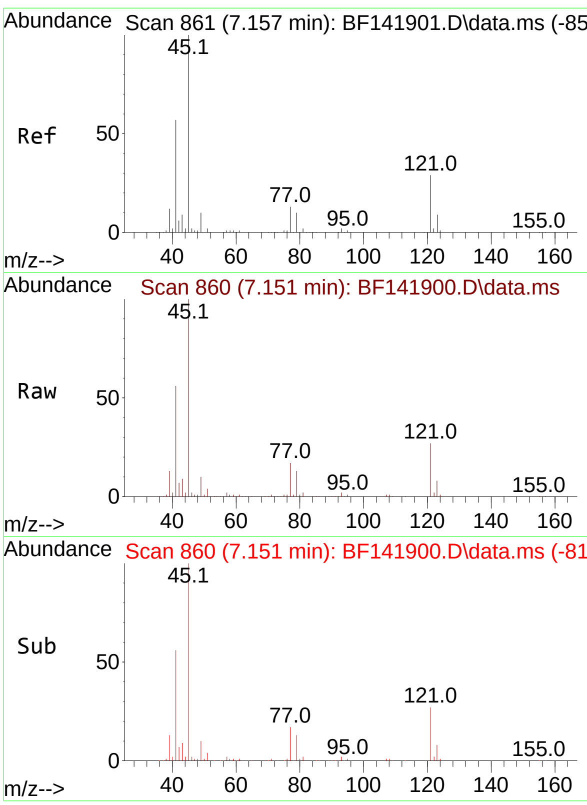


#15
Benzyl Alcohol
Concen: 21.402 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 79 Resp: 261893

Ion	Ratio	Lower	Upper
79	100		
108	73.9	59.7	89.5
77	63.3	51.0	76.6

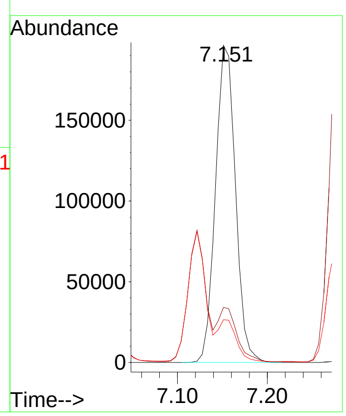




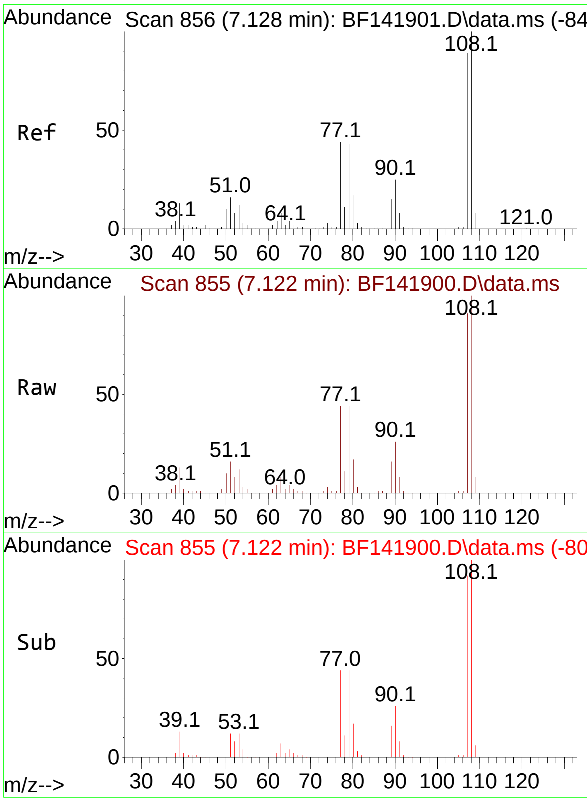
#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.095 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 45 Resp: 303847

Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	37.8
79	13.5	0.0	34.2



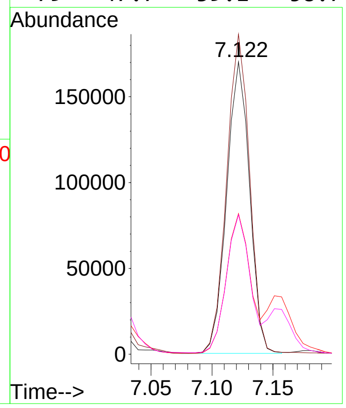
Instrument : BNA_F
ClientSampleId : SSTDICC020

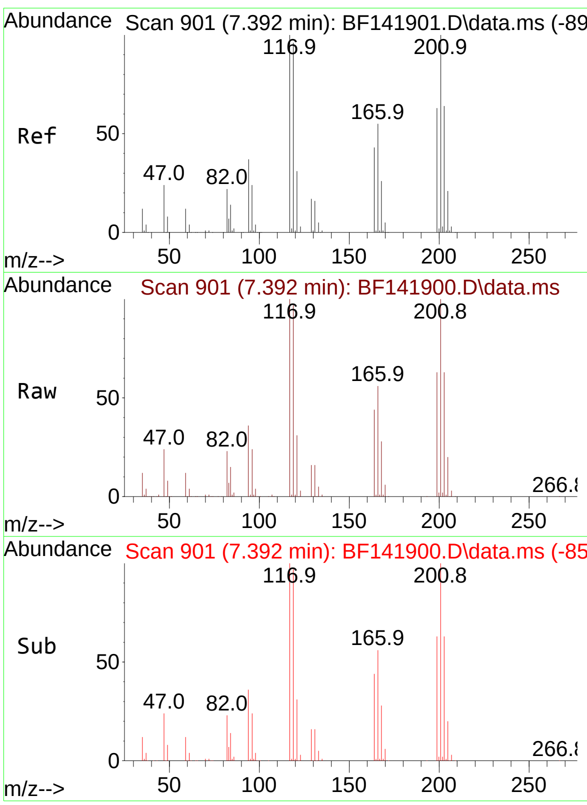


#17
2-Methylphenol
Concen: 21.248 ng
RT: 7.122 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:107 Resp: 222173

Ion	Ratio	Lower	Upper
107	100		
108	109.5	90.2	135.2
77	48.1	39.6	59.4
79	47.7	39.1	58.7

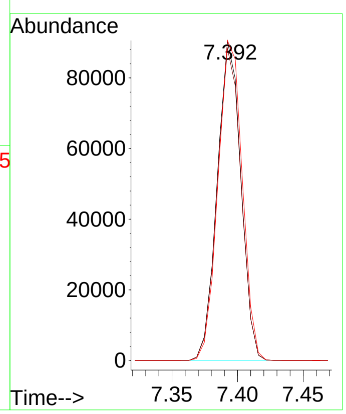




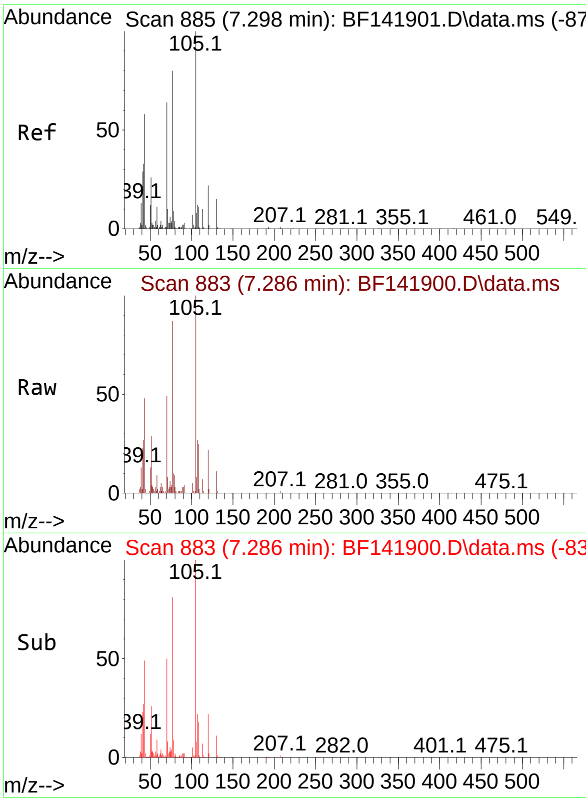
#18
Hexachloroethane
Concen: 21.141 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:117 Resp: 114019

Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.9	115.3
201	100.3	79.9	119.9



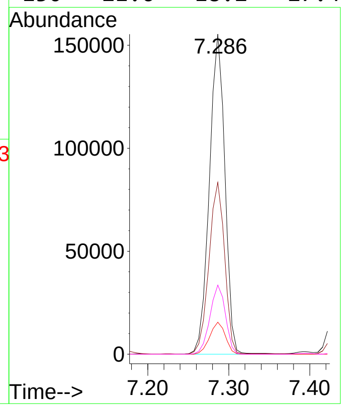
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

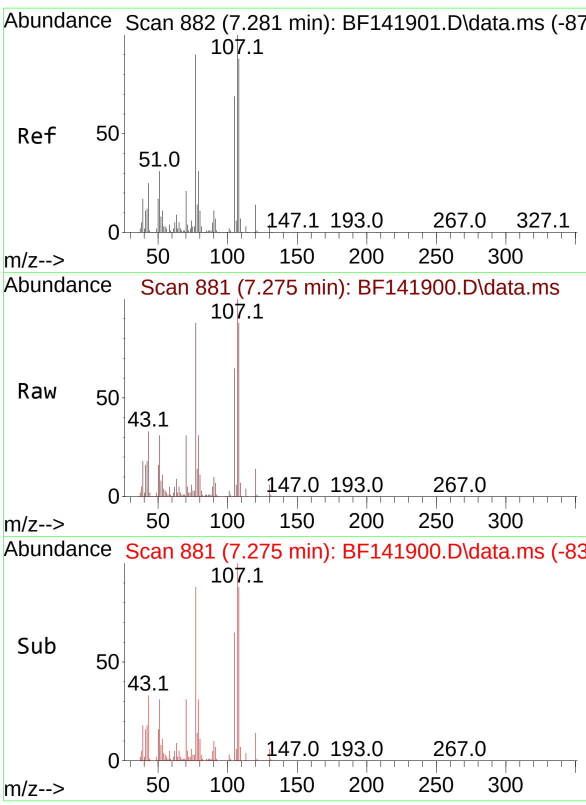


#19
n-Nitroso-di-n-propylamine
Concen: 21.268 ng
RT: 7.286 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 70 Resp: 206654

Ion	Ratio	Lower	Upper
70	100		
42	53.7	41.4	62.0
101	10.0	8.2	12.2
130	21.6	18.2	27.4

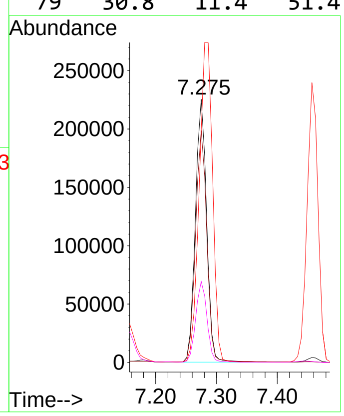




#20
3+4-Methylphenols
Concen: 21.702 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

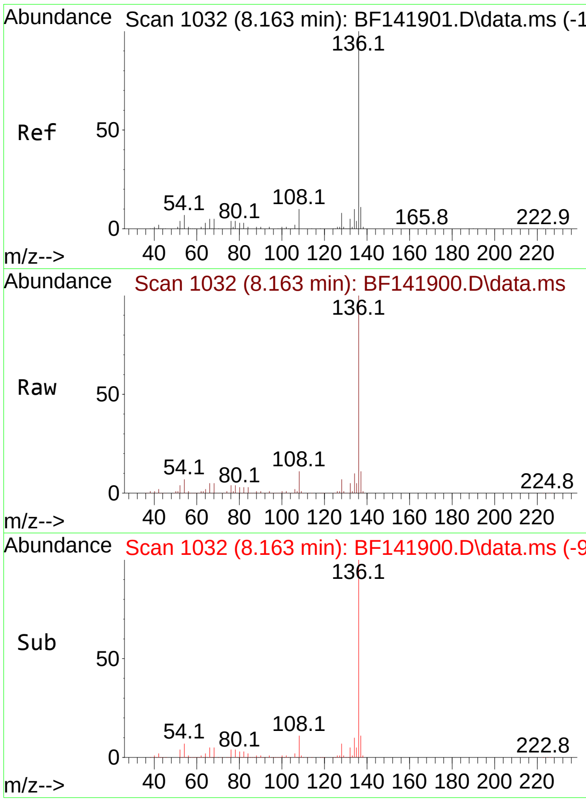
Tgt Ion:107 Resp: 291065

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.4	108.4
77	87.9	69.7	109.7
79	30.8	11.4	51.4



ICAL Form

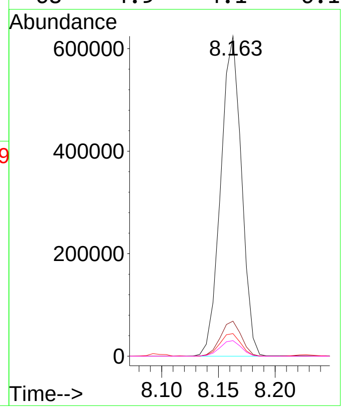
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

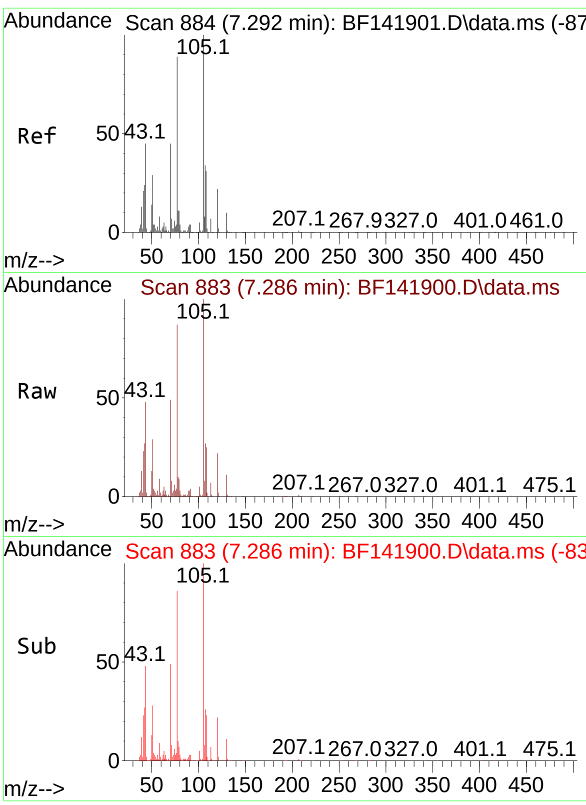


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:136 Resp: 797548

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	5.8	8.8
68	4.9	4.1	6.1

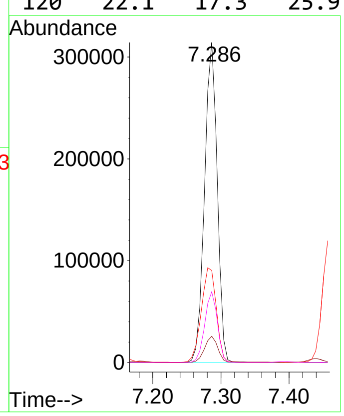




#22
Acetophenone
Concen: 21.385 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

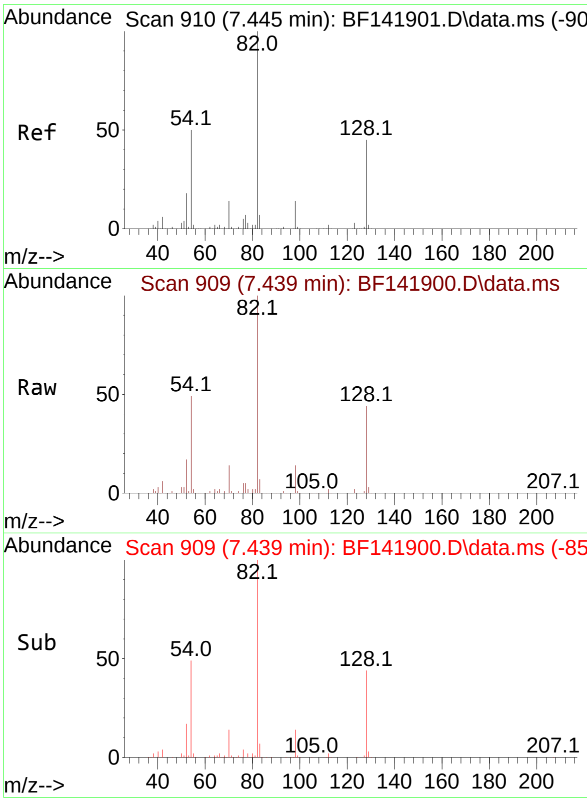
Tgt Ion:105 Resp: 409149

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.8	8.8
51	28.8	23.4	35.0
120	22.1	17.3	25.9



ICAL Form

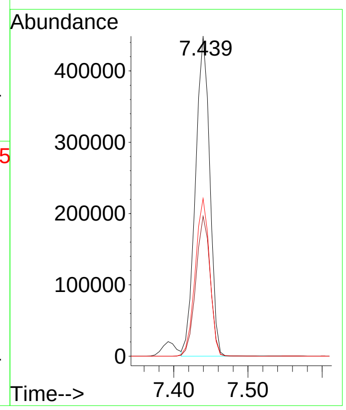
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

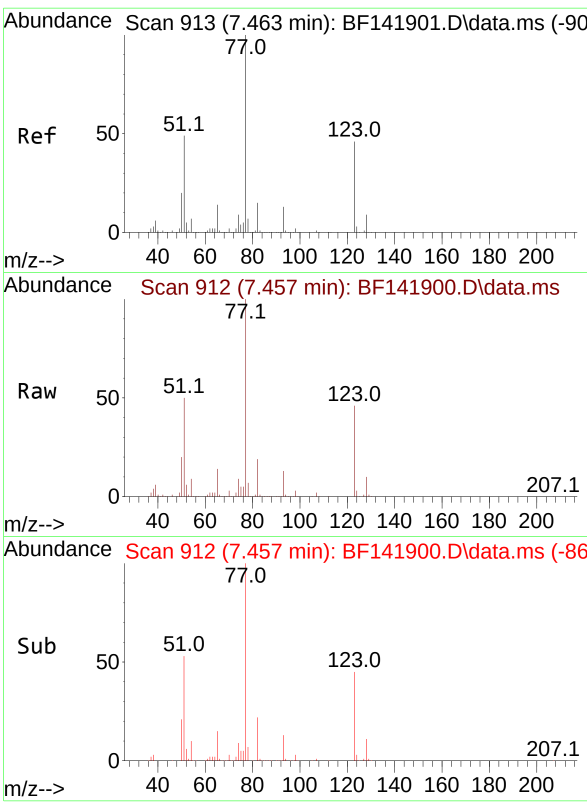


#23
Nitrobenzene-d5
Concen: 42.465 ng
RT: 7.439 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 82 Resp: 604270

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.0	54.0
54	49.3	39.6	59.4

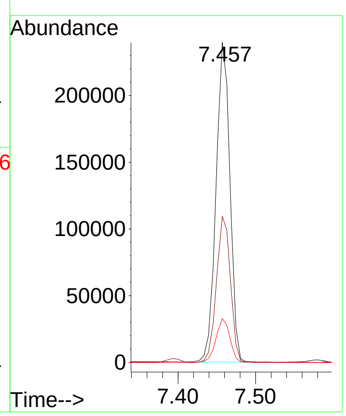




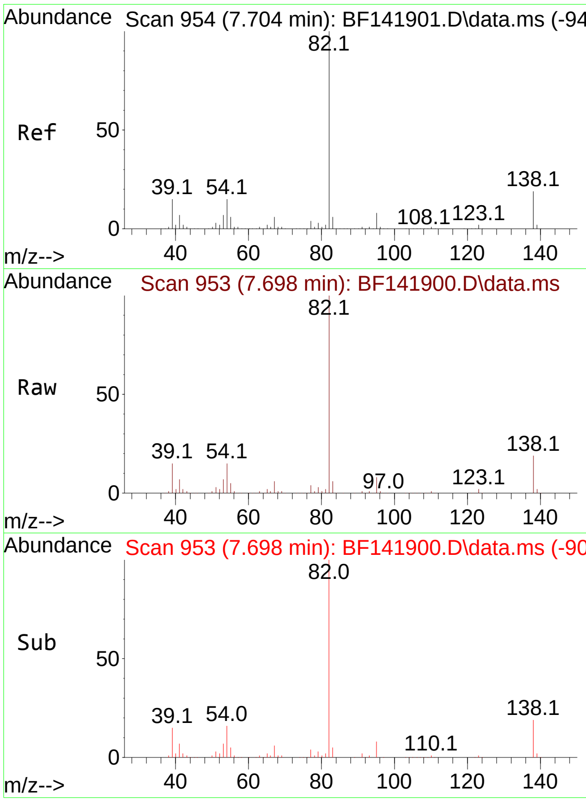
#24
Nitrobenzene
Concen: 21.196 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 77 Resp: 299046

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.0	55.4
65	13.7	11.3	16.9



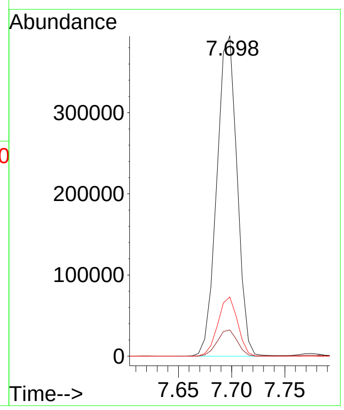
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

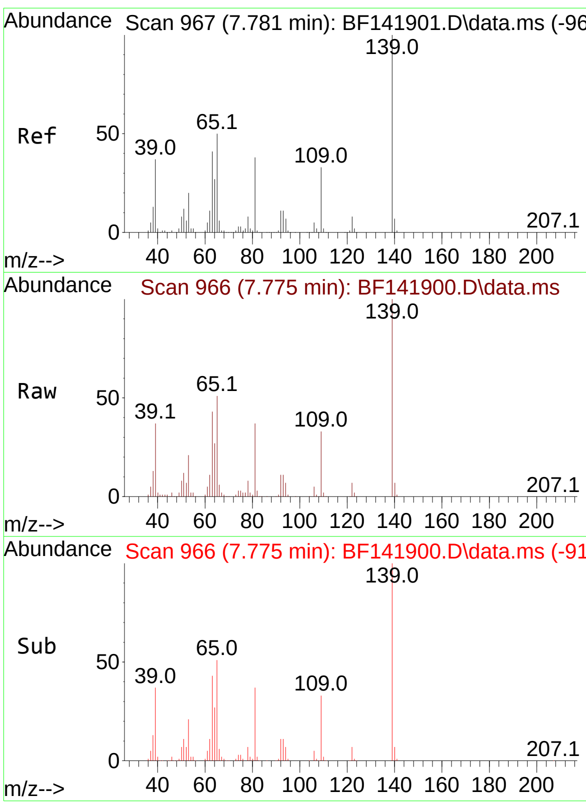


#25
Isophorone
Concen: 20.788 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 82 Resp: 522239

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.4	9.6
138	18.5	14.9	22.3

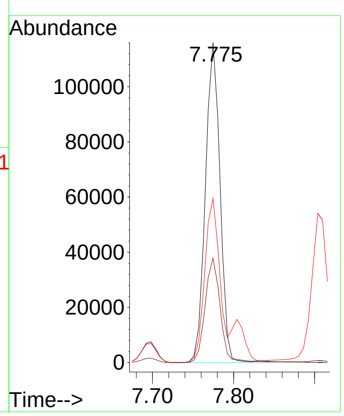




#26
2-Nitrophenol
Concen: 20.970 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:139 Resp: 144979

Ion	Ratio	Lower	Upper
139	100		
109	32.6	26.5	39.7
65	51.2	40.3	60.5



Instrument :
BNA_F
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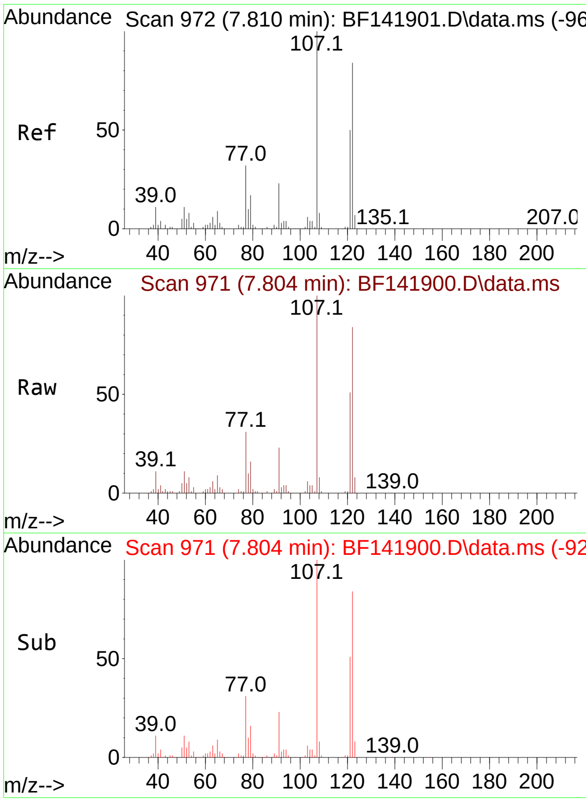
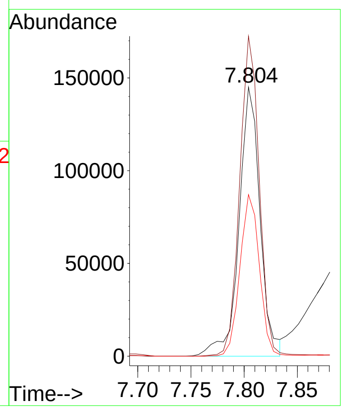
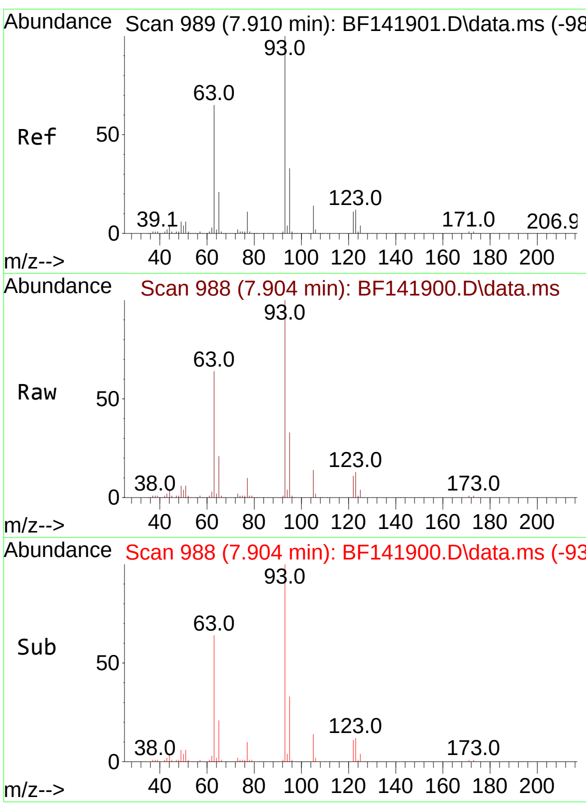


#27
2,4-Dimethylphenol
Concen: 21.009 ng
RT: 7.804 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:122 Resp: 200058

Ion	Ratio	Lower	Upper
122	100		
107	118.9	94.8	142.2
121	60.1	47.8	71.6

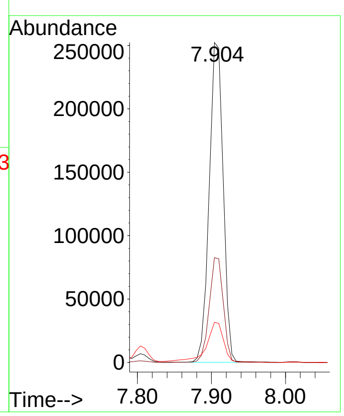




#28
bis(2-Chloroethoxy)methane
Concen: 21.093 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 93 Resp: 331966

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	40.0
123	12.6	10.2	15.4



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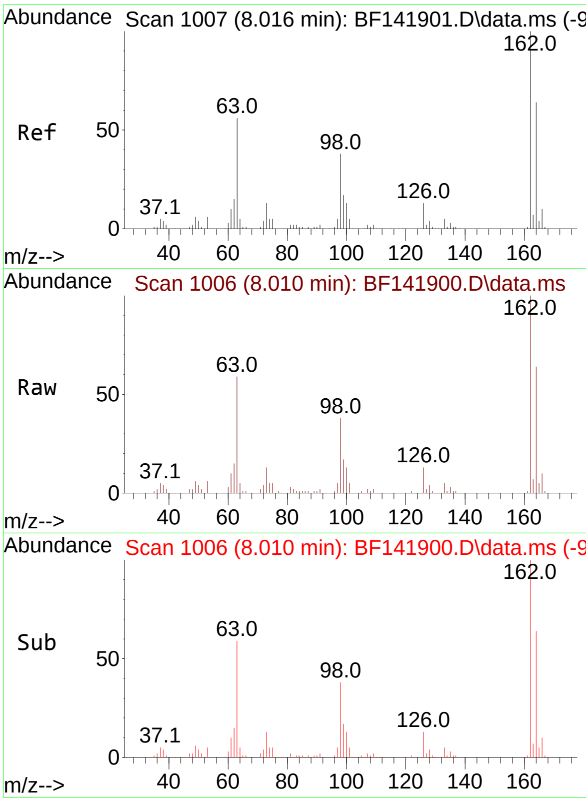
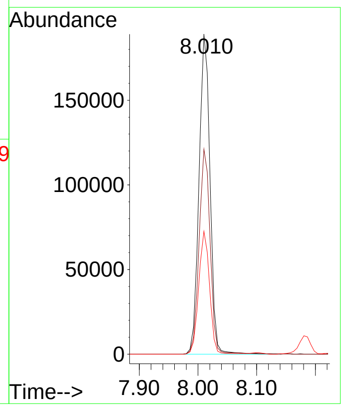
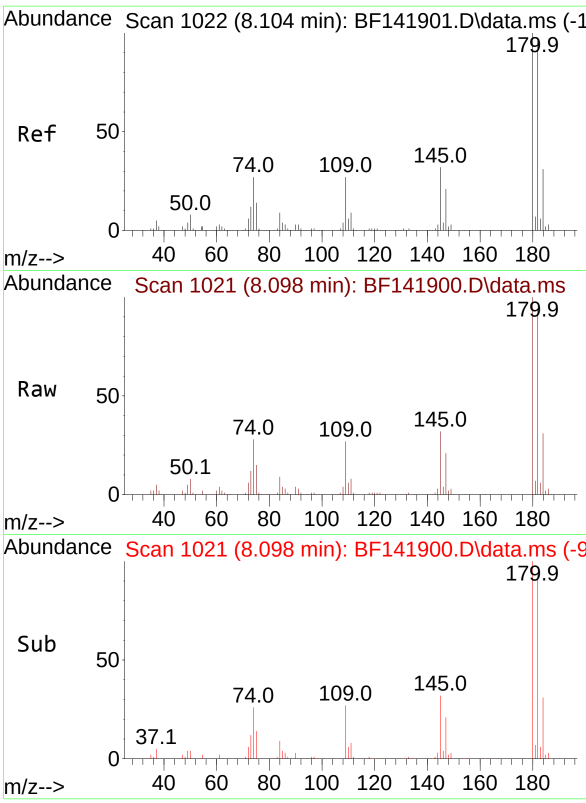


#29
2,4-Dichlorophenol
Concen: 20.884 ng
RT: 8.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:162 Resp: 246810

Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.8	83.8
98	38.4	18.1	58.1

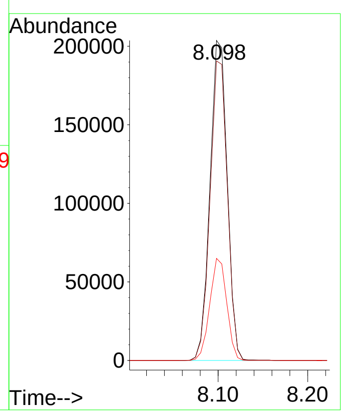




#30
1,2,4-Trichlorobenzene
Concen: 20.922 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:180 Resp: 272773

Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.5	116.3
145	31.9	25.8	38.6



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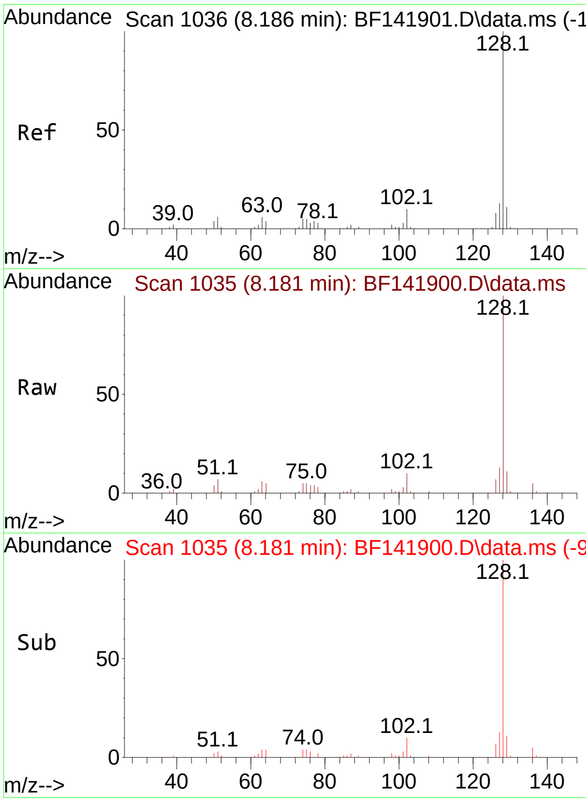


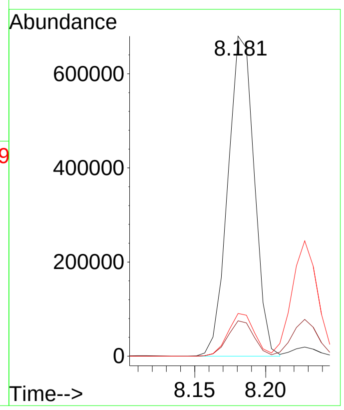
#31
Naphthalene
Concen: 21.487 ng
RT: 8.181 min Scan# 1

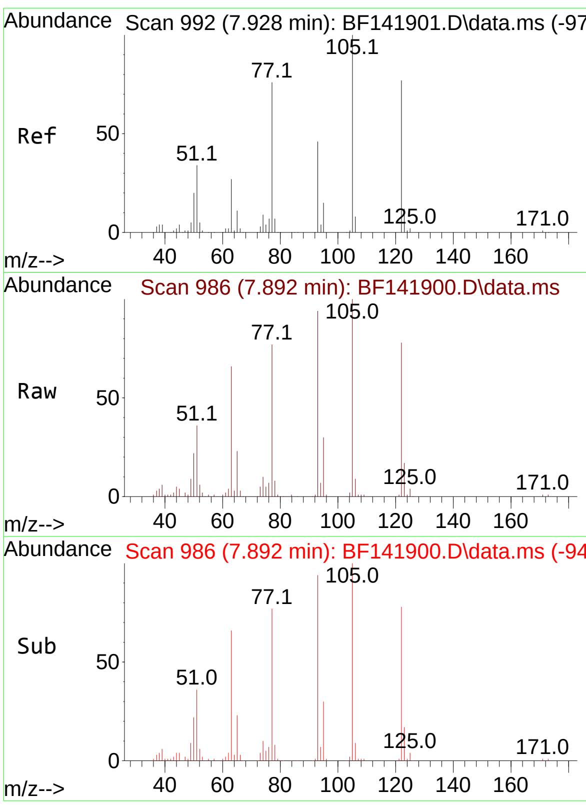
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:128 Resp: 877897

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.4	10.8	16.2

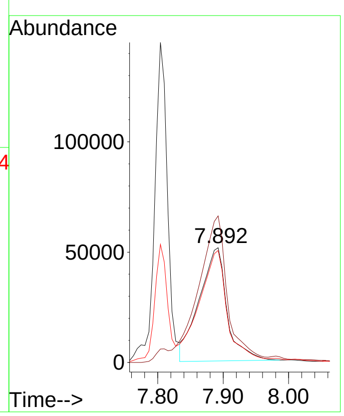




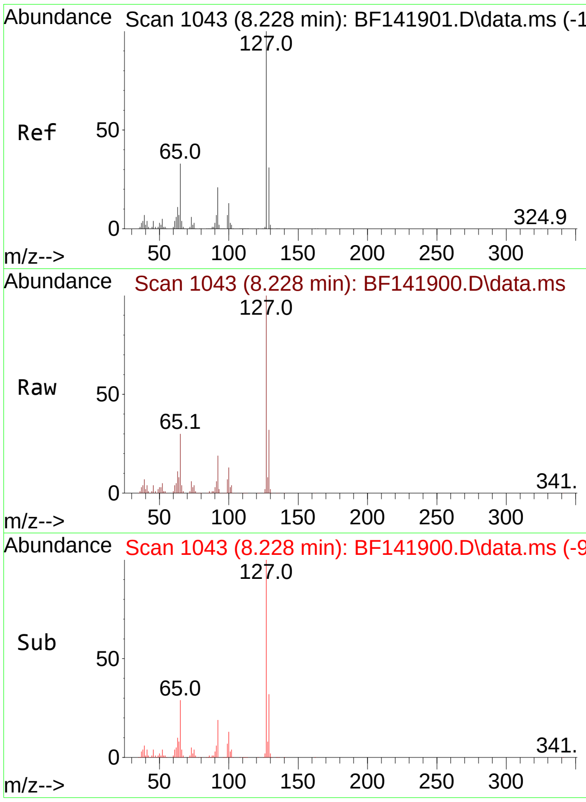
#32
Benzoic acid
Concen: 18.313 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.036 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:122 Resp: 152420

Ion	Ratio	Lower	Upper
122	100		
105	127.6	107.9	147.9
77	97.6	79.0	119.0



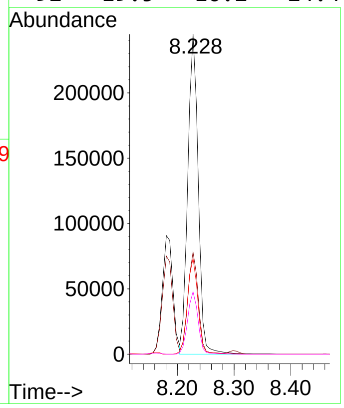
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

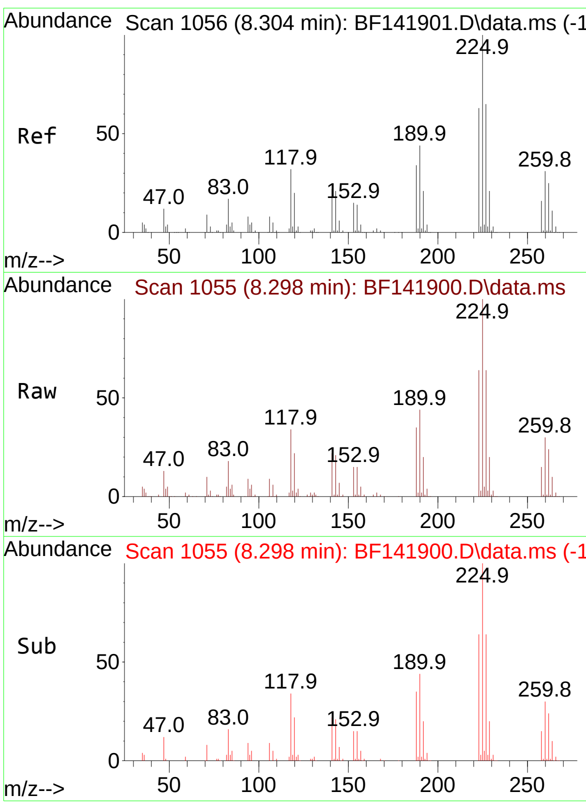


#33
4-Chloroaniline
Concen: 21.726 ng
RT: 8.228 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:127 Resp: 313249

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	30.0	25.4	38.2
92	19.5	16.2	24.4

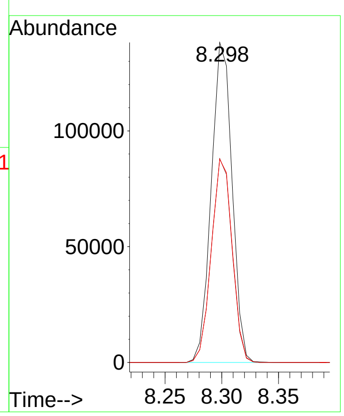




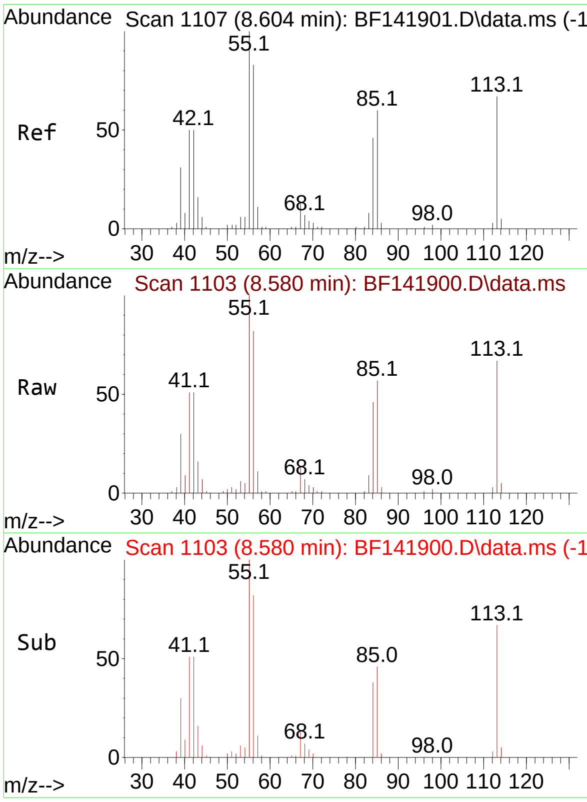
#34
Hexachlorobutadiene
Concen: 20.791 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:225 Resp: 176253

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	63.5	52.2	78.2



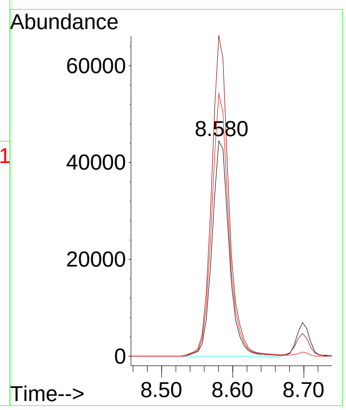
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

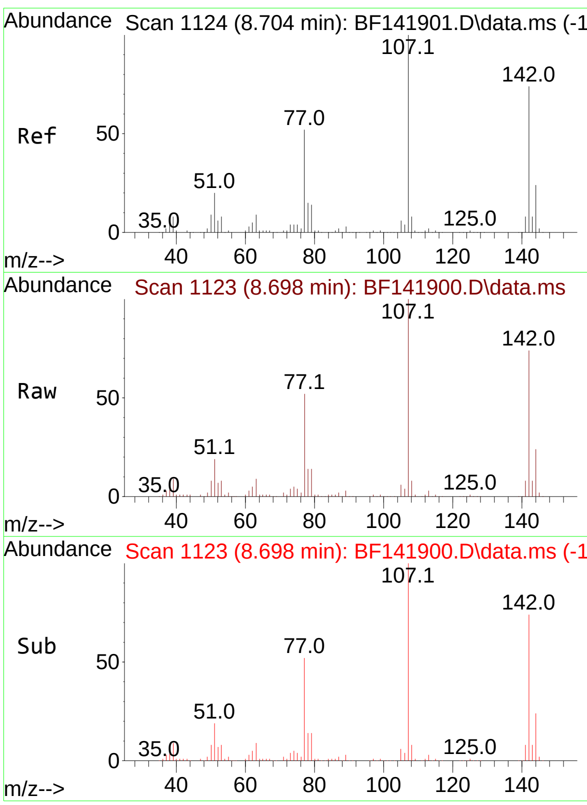


#35
Caprolactam
Concen: 20.884 ng
RT: 8.580 min   Scan# 1
Delta R.T.   -0.024 min
Lab File: BF141900.D
Acq: 10 Mar 2025   12:29

Tgt Ion:113 Resp: 75048

Ion	Ratio	Lower	Upper
113	100		
55	148.8	129.6	169.6
56	121.8	104.0	144.0

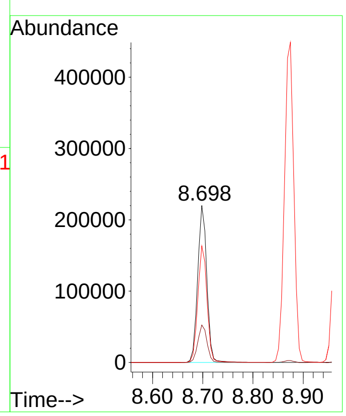




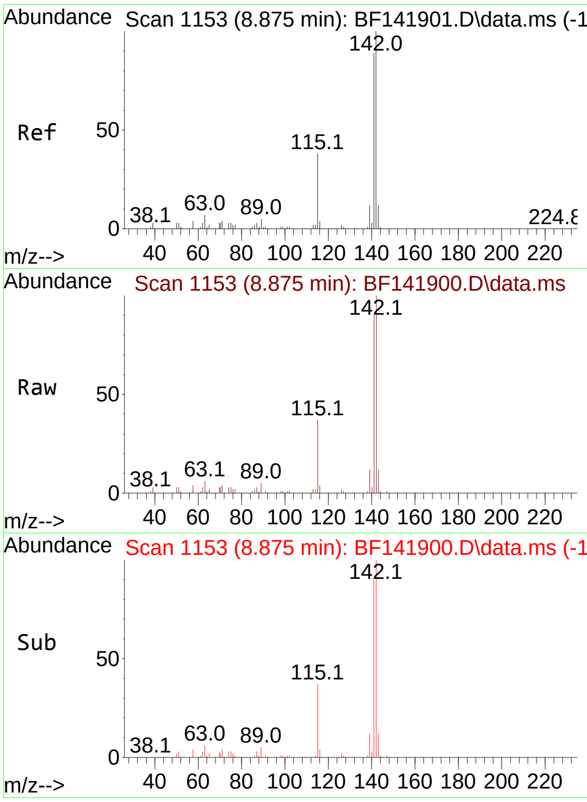
#36
4-Chloro-3-methylphenol
Concen: 21.168 ng
RT: 8.698 min   Scan# 1123
Delta R.T.   -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025   12:29

Tgt Ion:107 Resp: 278207

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.0	28.6
142	74.3	59.2	88.8



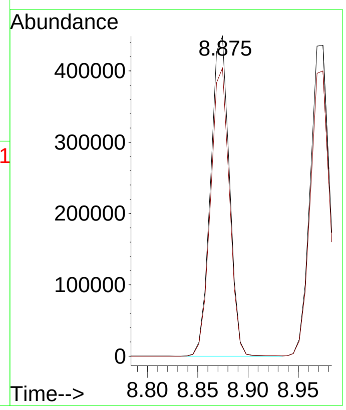
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

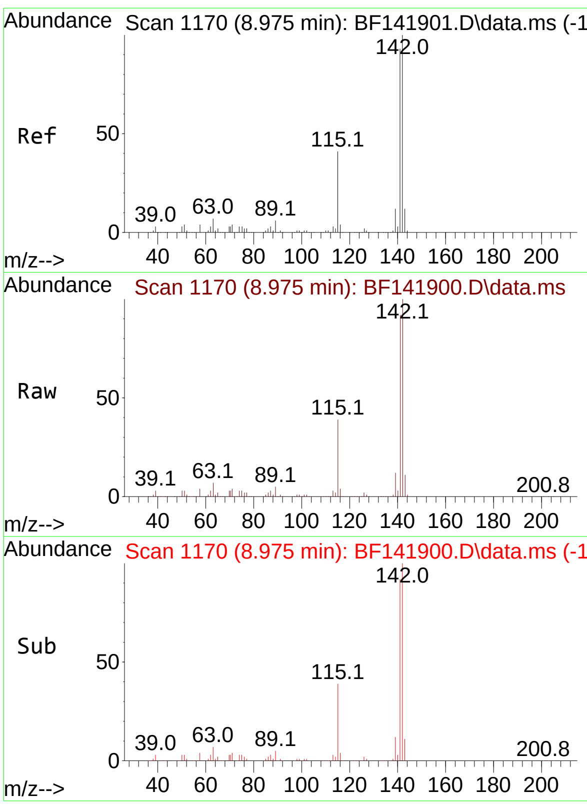


#37
2-Methylnaphthalene
Concen: 21.324 ng
RT: 8.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:142 Resp: 584552

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.2	106.8

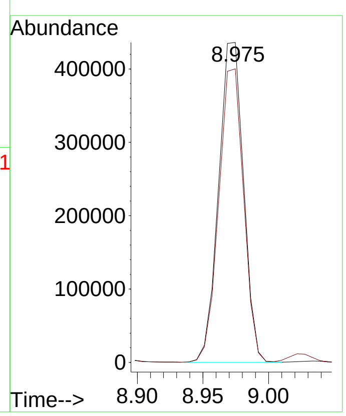




#38
1-Methylnaphthalene
Concen: 21.677 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:142 Resp: 575428

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.2	111.4



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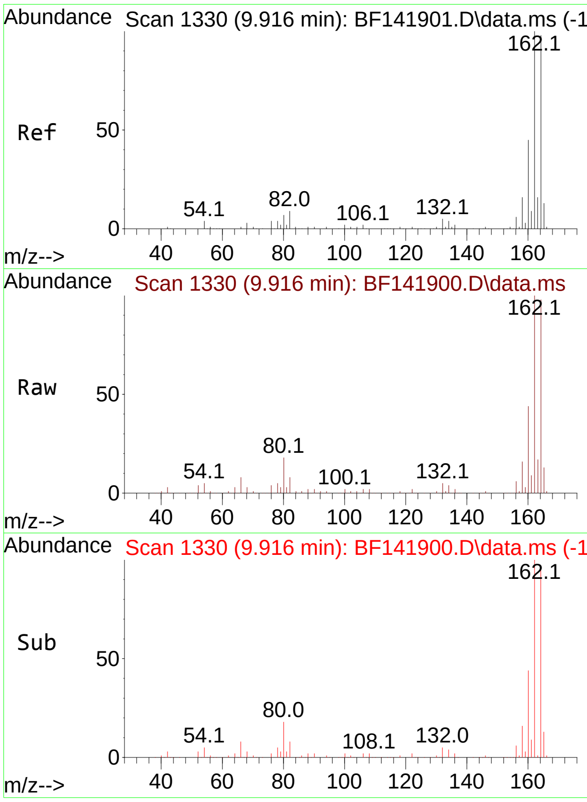
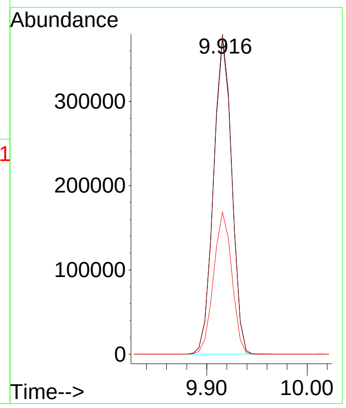
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

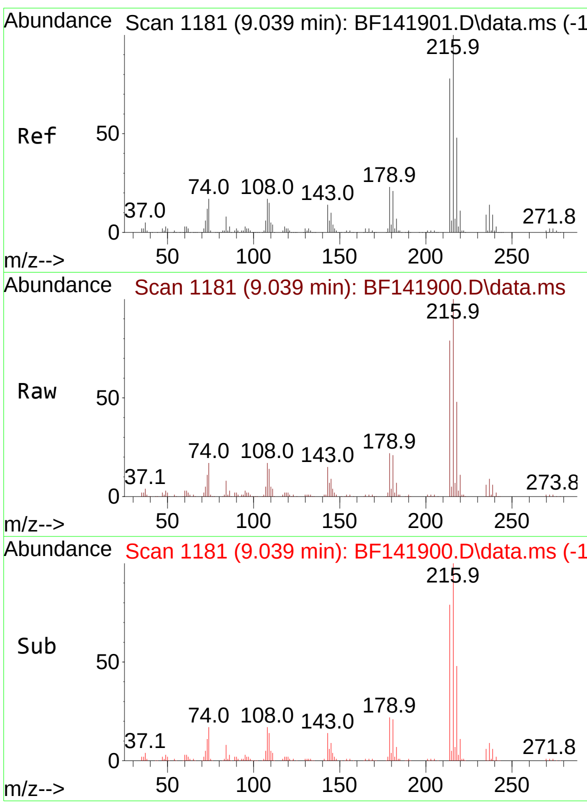


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:164 Resp: 470833

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.8	122.6
160	45.1	36.7	55.1

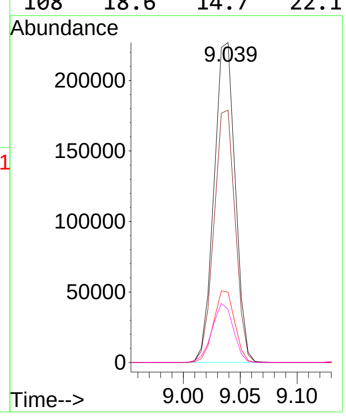


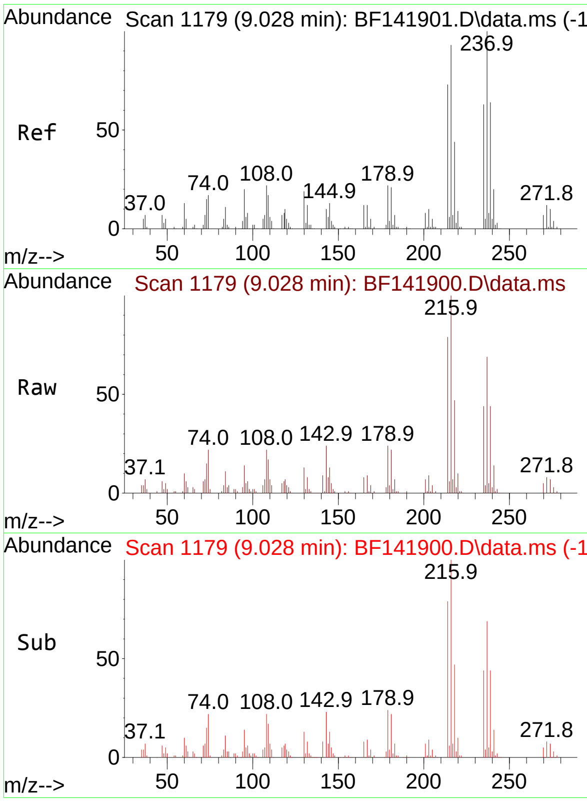


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.538 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:216 Resp: 294845

Ion	Ratio	Lower	Upper
216	100		
214	78.7	61.9	92.9
179	22.3	18.1	27.1
108	18.6	14.7	22.1





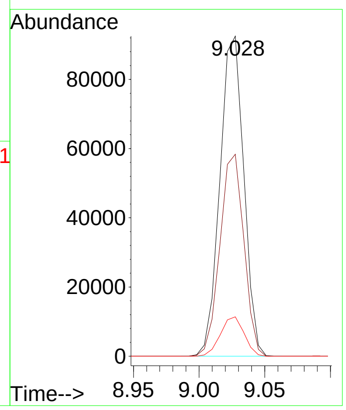
#41
Hexachlorocyclopentadiene
Concen: 20.685 ng
RT: 9.028 min Scan# 1

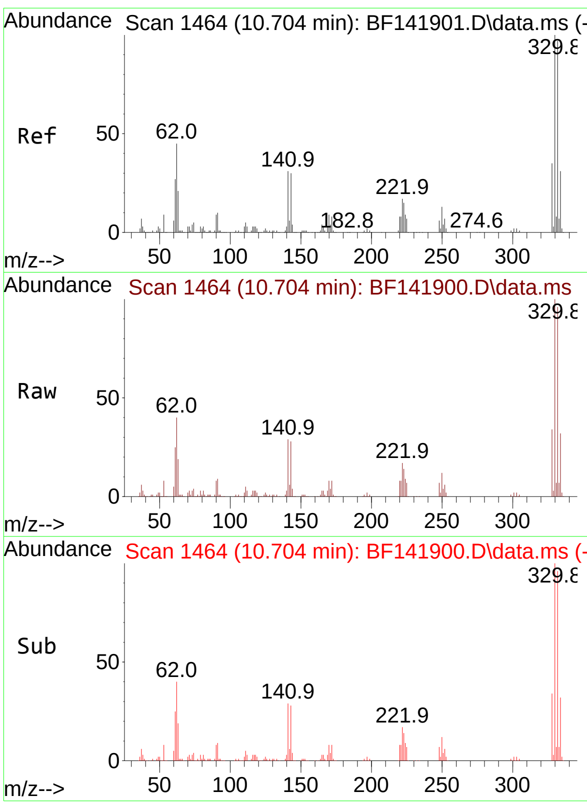
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:237 Resp: 117174

Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.1	83.1
272	12.3	0.0	32.0

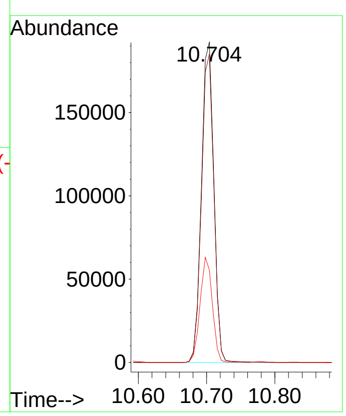




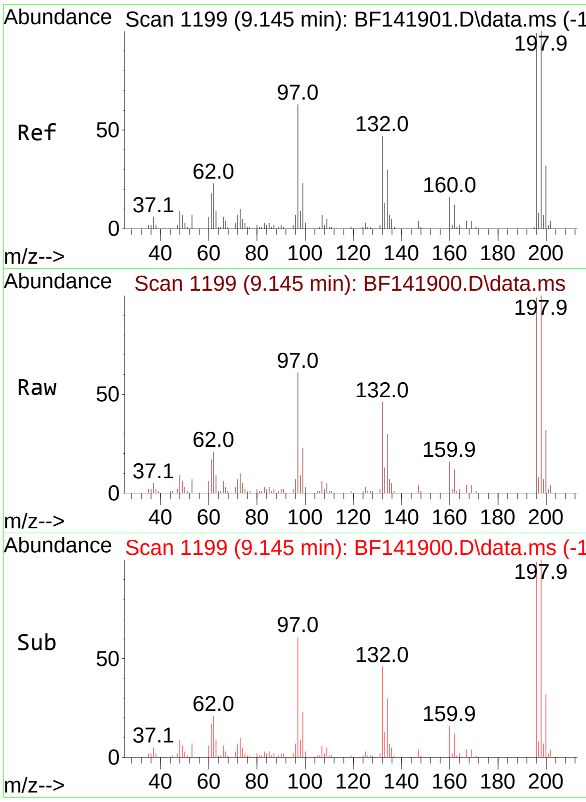
#42
2,4,6-Tribromophenol
Concen: 40.869 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:330 Resp: 243832

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.6	116.4
141	32.4	24.7	37.1



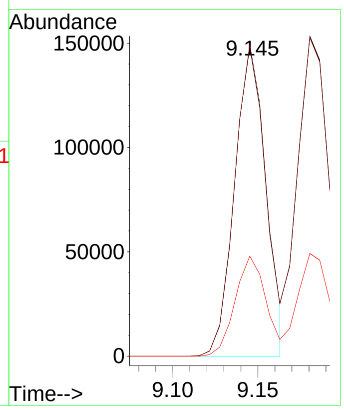
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

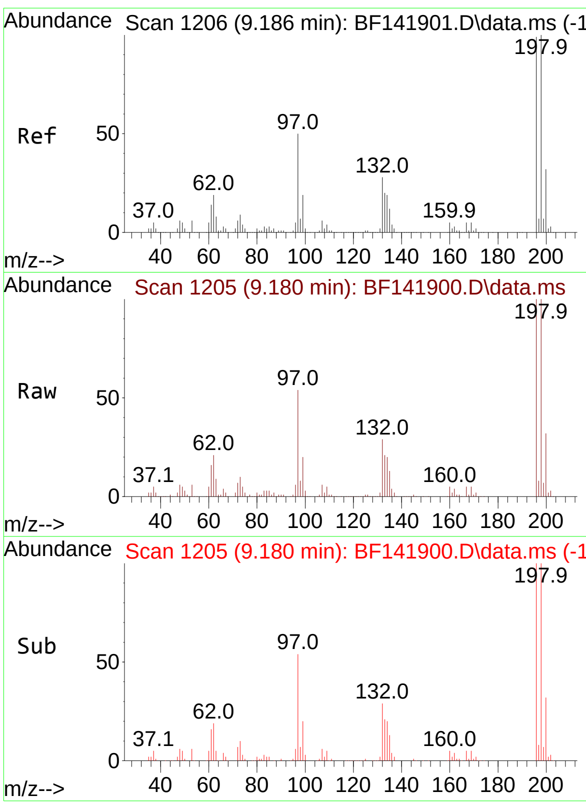


#43
2,4,6-Trichlorophenol
Concen: 20.203 ng
RT: 9.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:196 Resp: 189069

Ion	Ratio	Lower	Upper
196	100		
198	100.9	80.6	121.0
200	32.3	25.8	38.6

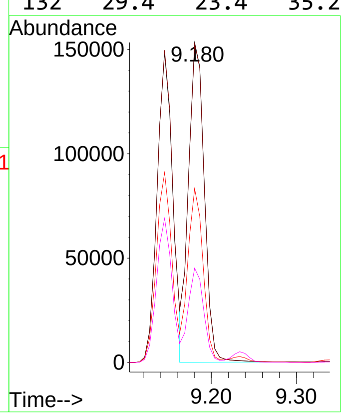




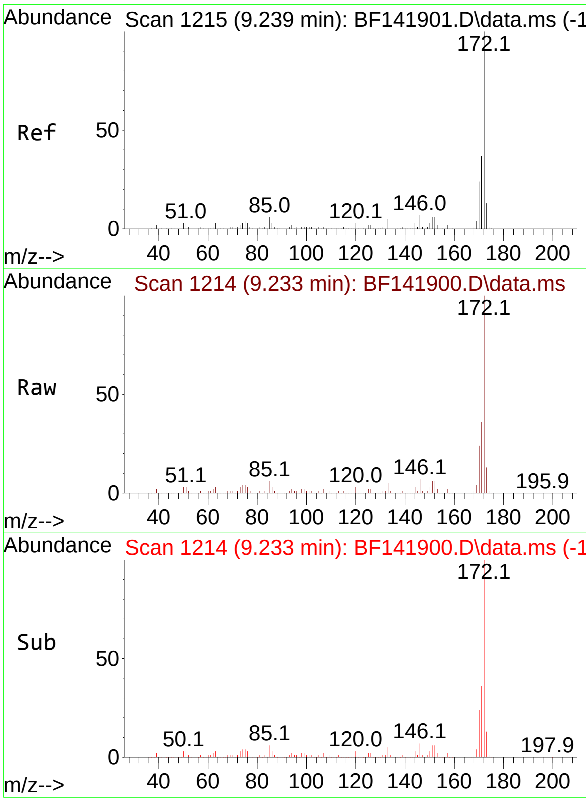
#44
2,4,5-Trichlorophenol
Concen: 20.912 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:196 Resp: 198841

Ion	Ratio	Lower	Upper
196	100		
198	99.6	80.7	121.1
97	54.3	42.1	63.1
132	29.4	23.4	35.2



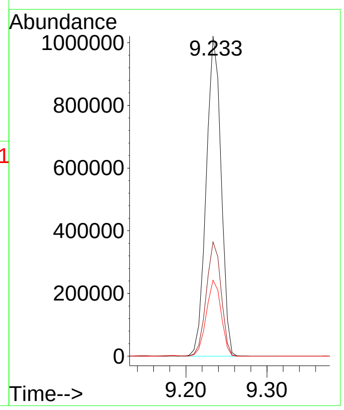
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

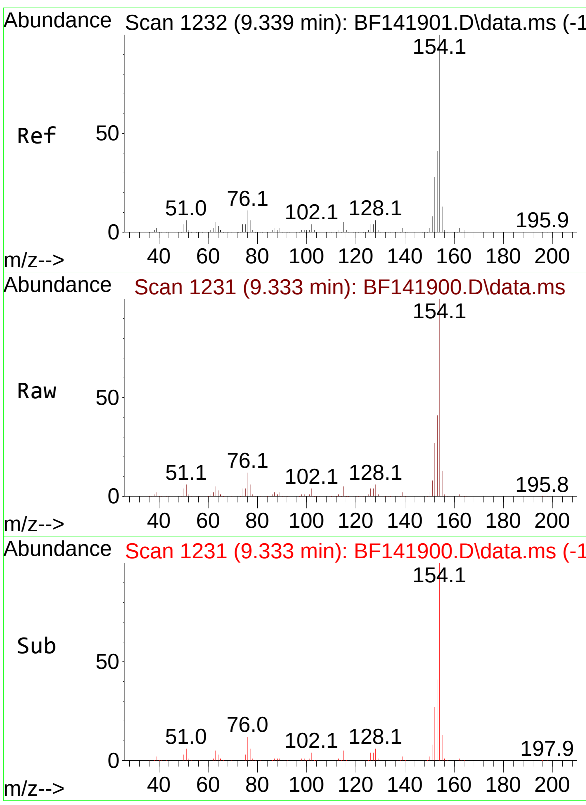


#45
2-Fluorobiphenyl
Concen: 42.002 ng
RT: 9.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:172 Resp: 1298709

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	23.7	19.4	29.0

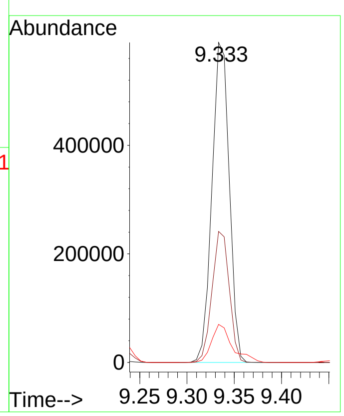




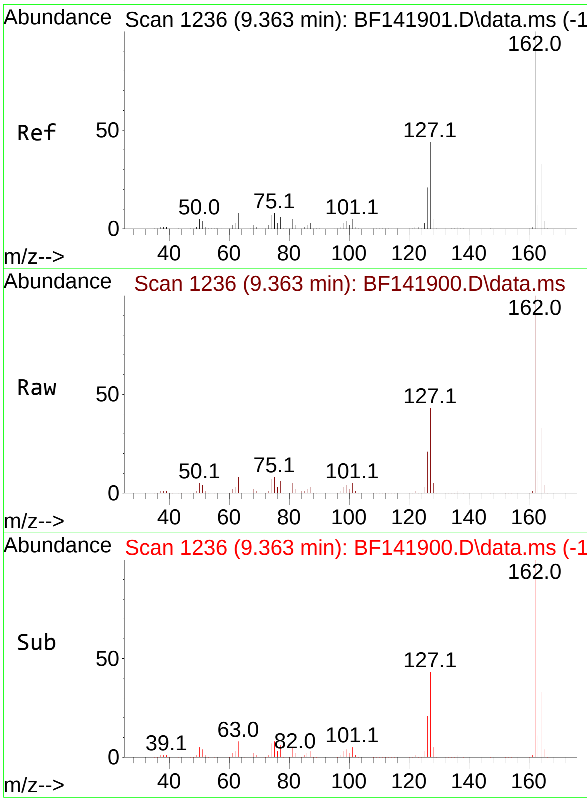
#46
1,1'-Biphenyl
Concen: 20.985 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:154 Resp: 749087

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.1	61.1
76	11.9	0.0	31.3



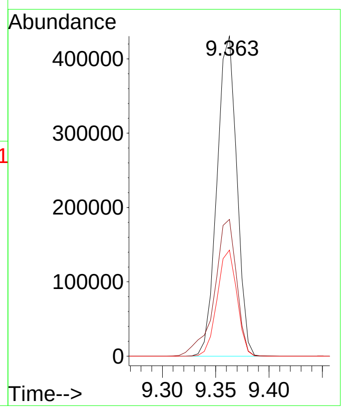
Instrument : BNA_F
ClientSampleId : SSTDICC020

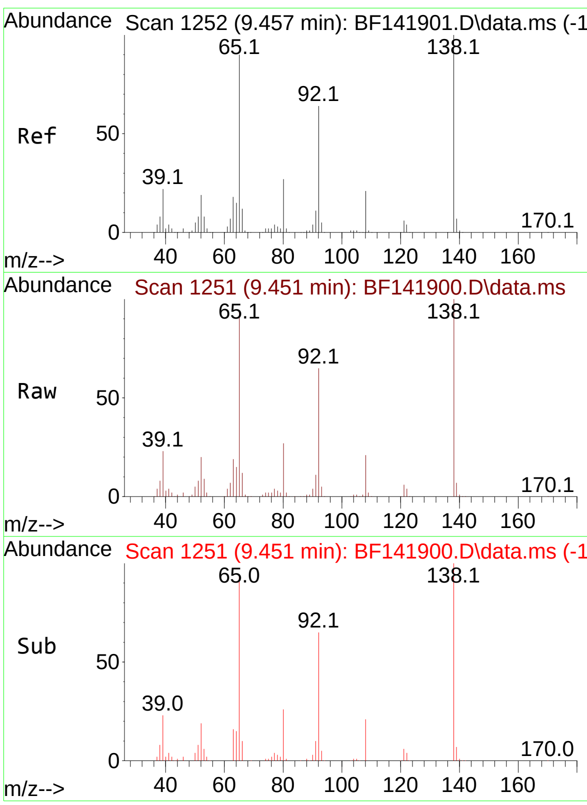


#47
2-Chloronaphthalene
Concen: 20.898 ng
RT: 9.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:162 Resp: 555946

Ion	Ratio	Lower	Upper
162	100		
127	42.8	35.5	53.3
164	33.1	26.6	40.0

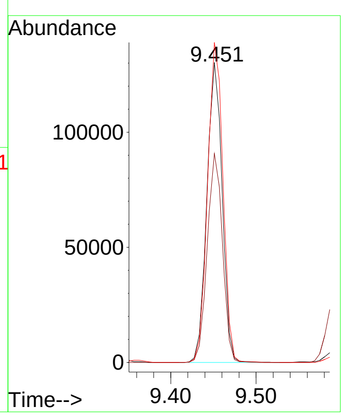




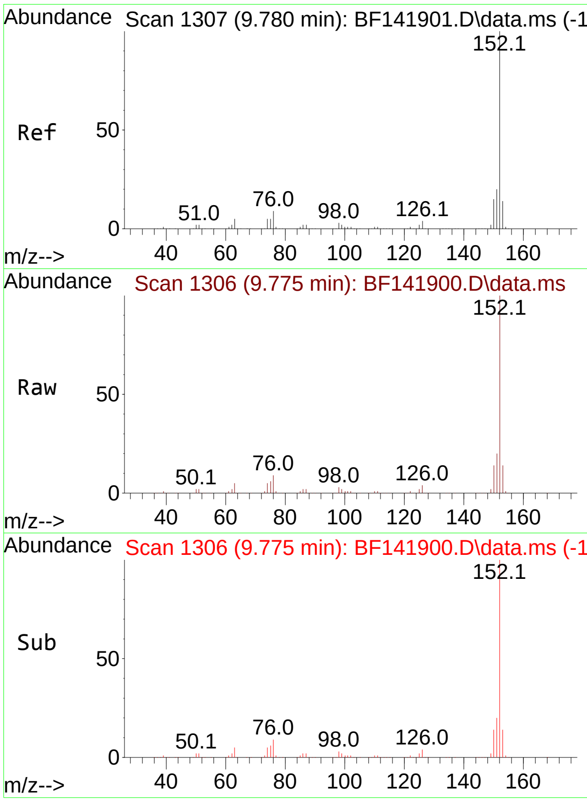
#48
2-Nitroaniline
Concen: 21.302 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 65 Resp: 162790

Ion	Ratio	Lower	Upper
65	100		
92	69.7	56.6	84.8
138	106.7	88.6	133.0

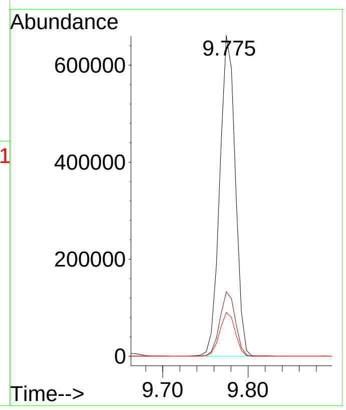


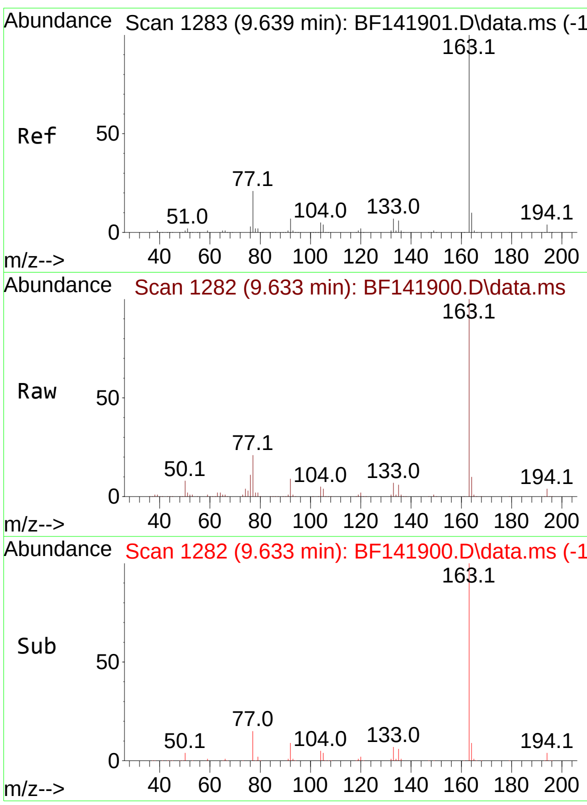
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



#49
Acenaphthylene
Concen: 21.222 ng
RT: 9.775 min   Scan# 1
Delta R.T.   -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025   12:29

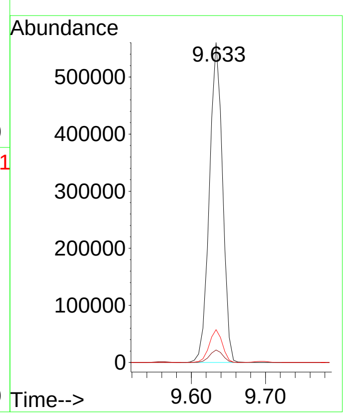
Tgt Ion:152	Resp:	837016	
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.7	11.1	16.7



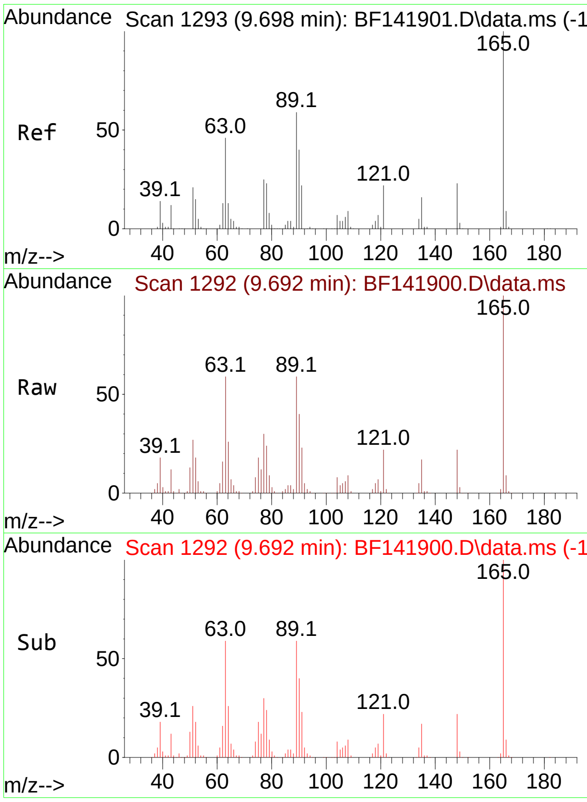


#50
Dimethylphthalate
Concen: 21.137 ng
RT: 9.633 min   Scan# 1282
Delta R.T.   -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025   12:29

Tgt Ion:163	Resp:	691454	
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.3	8.2	12.4



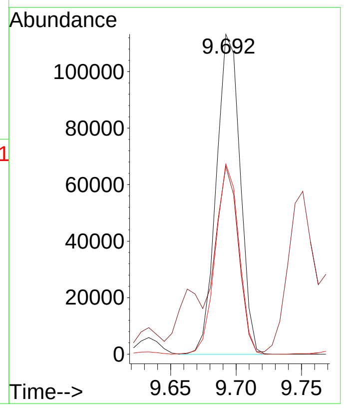
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

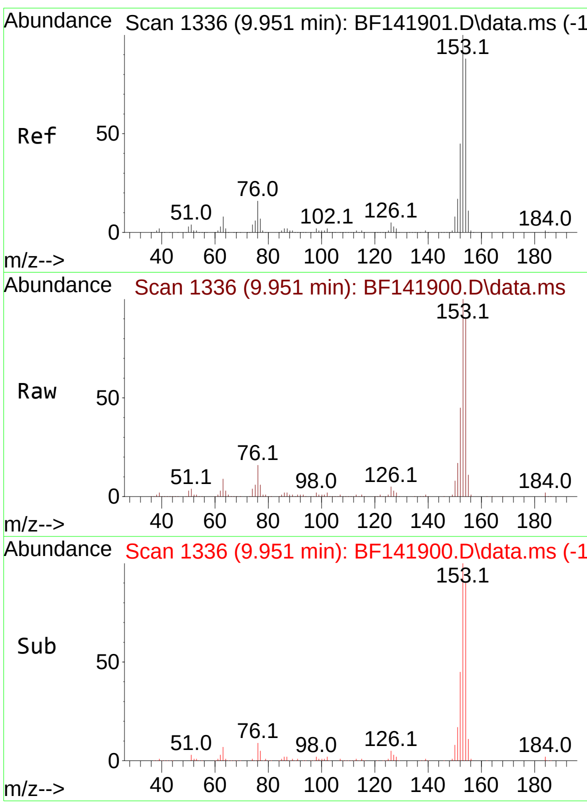


#51
2,6-Dinitrotoluene
Concen: 21.096 ng
RT: 9.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:165 Resp: 143513

Ion	Ratio	Lower	Upper
165	100		
63	58.7	47.0	70.4
89	59.5	47.4	71.2

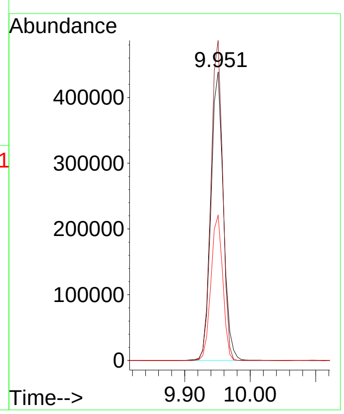




#52
Acenaphthene
Concen: 20.813 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:154 Resp: 579623

Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.7	136.1
152	50.3	41.1	61.7



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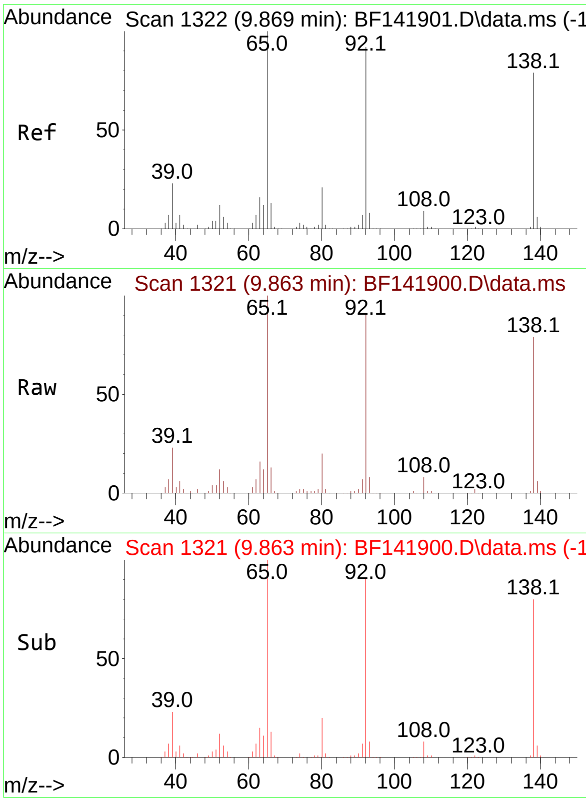
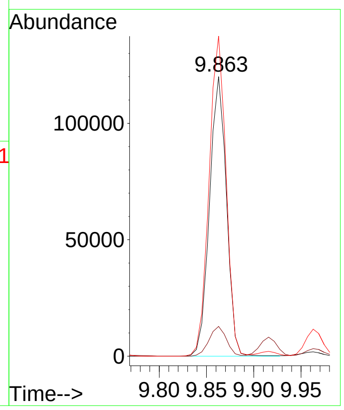
Instrument : BNA_F
ClientSampleId : SSTDICC020

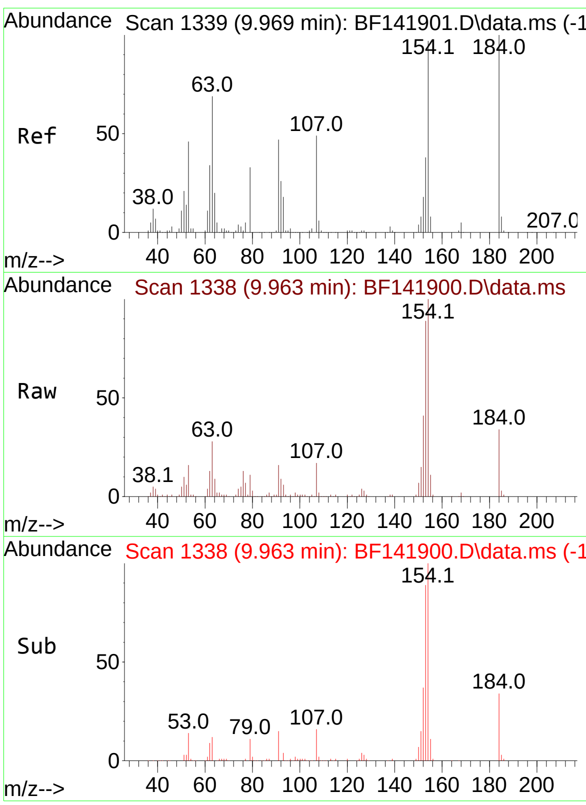


#53
3-Nitroaniline
Concen: 21.327 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:138 Resp: 148977

Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.3	13.9
92	114.5	93.5	140.3

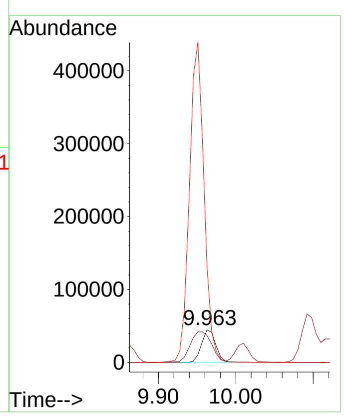




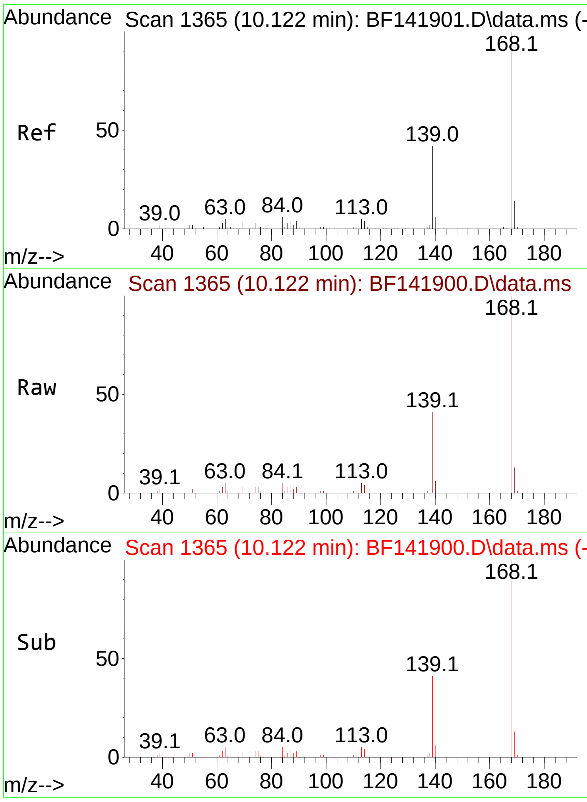
#54
2,4-Dinitrophenol
Concen: 20.368 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:184 Resp: 58223

Ion	Ratio	Lower	Upper
184	100		
63	82.2	60.2	90.4
154	293.5	132.9	199.3#



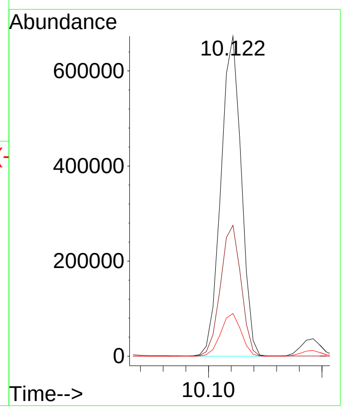
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

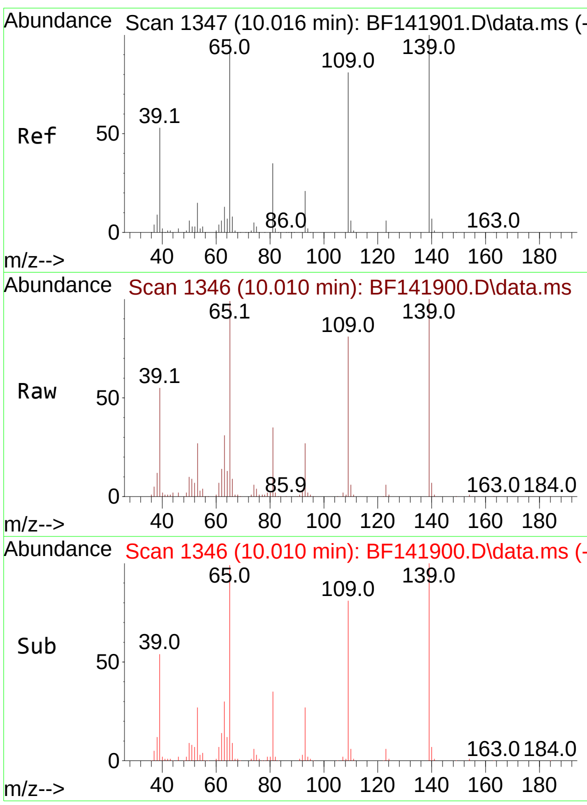


#55
Dibenzofuran
Concen: 21.238 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:168 Resp: 843359

Ion	Ratio	Lower	Upper
168	100		
139	40.9	33.9	50.9
169	13.3	11.0	16.4

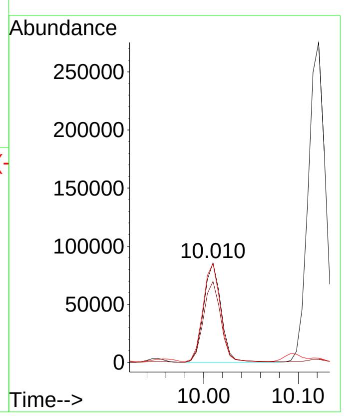




#56
4-Nitrophenol
Concen: 20.955 ng
RT: 10.010 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:139 Resp: 109958

Ion	Ratio	Lower	Upper
139	100		
109	81.5	61.6	101.6
65	99.4	79.4	119.4



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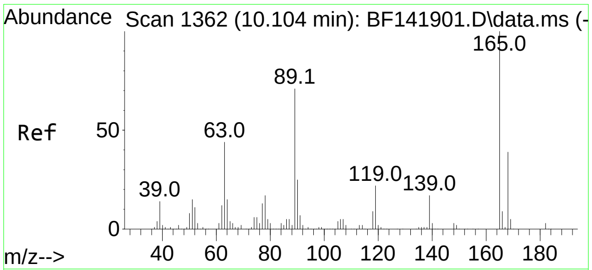
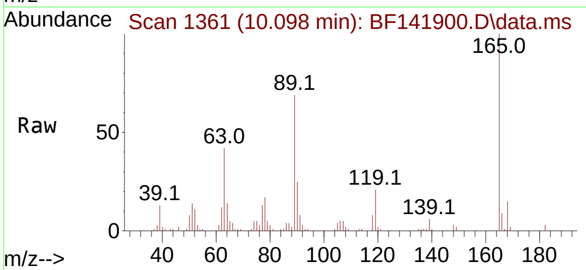
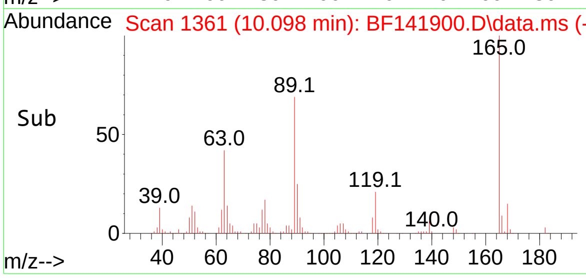




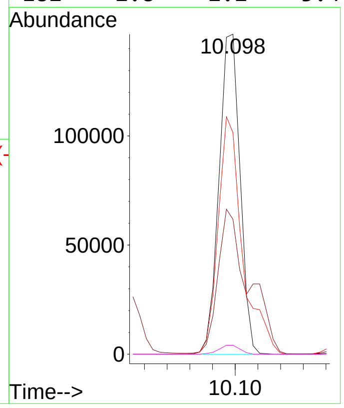


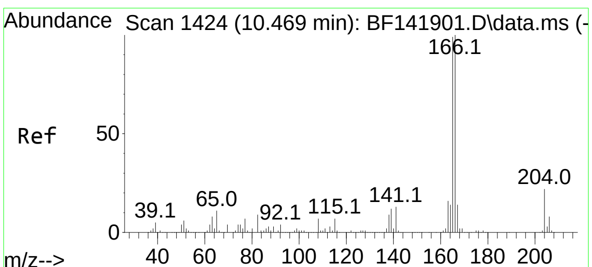
#57
2,4-Dinitrotoluene
Concen: 21.132 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

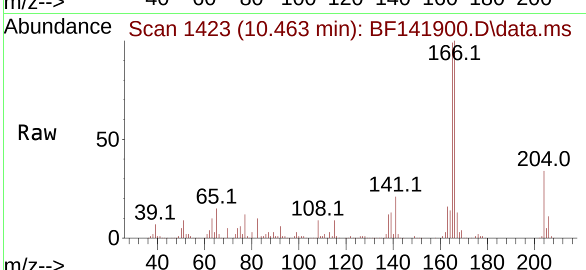
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

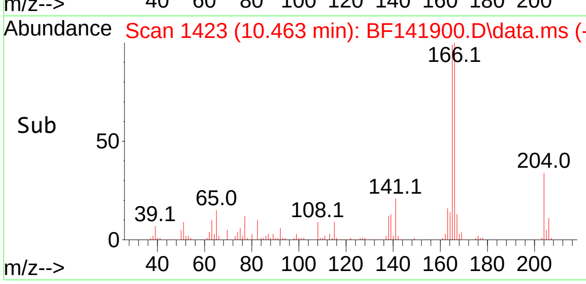
Tgt Ion:165 Resp: 189234

Ion	Ratio	Lower	Upper
165	100		
63	42.1	35.4	53.2
89	69.2	56.6	84.8
182	2.8	2.2	3.4





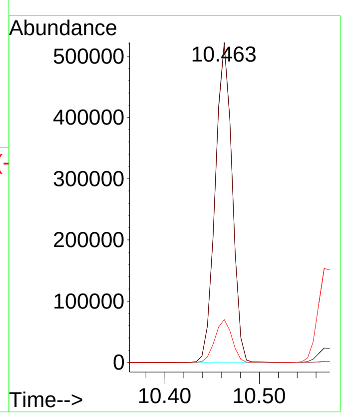




#58
Fluorene
Concen: 21.211 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:166 Resp: 650245

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.0	118.4
167	13.4	11.0	16.4



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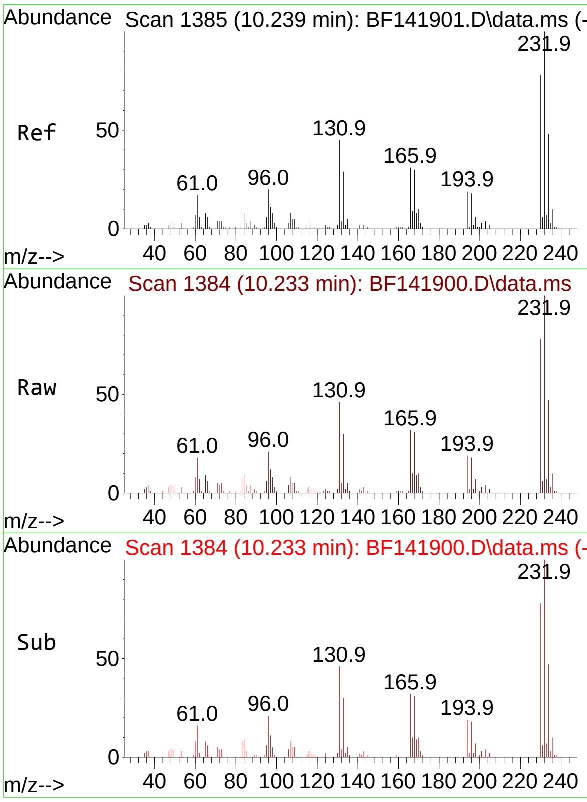
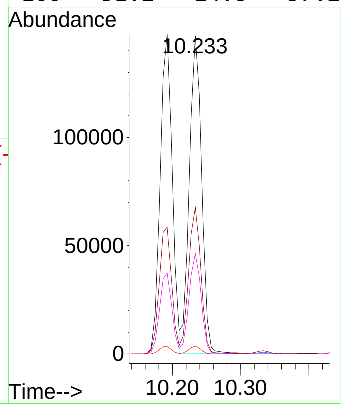
Instrument : BNA_F
ClientSampleId : SSTDICC020

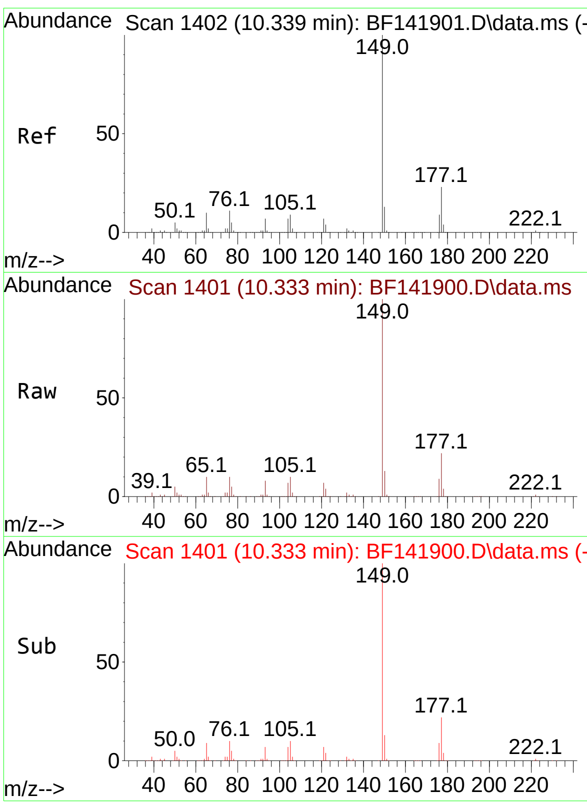


#59
2,3,4,6-Tetrachlorophenol
Concen: 21.272 ng
RT: 10.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:232 Resp: 183513

Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.3	55.9
130	2.4	1.9	2.9
166	31.2	24.8	37.2

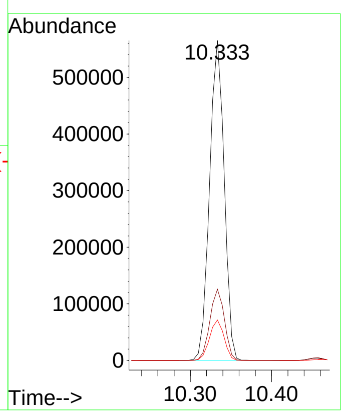




#60
Diethylphthalate
Concen: 21.468 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

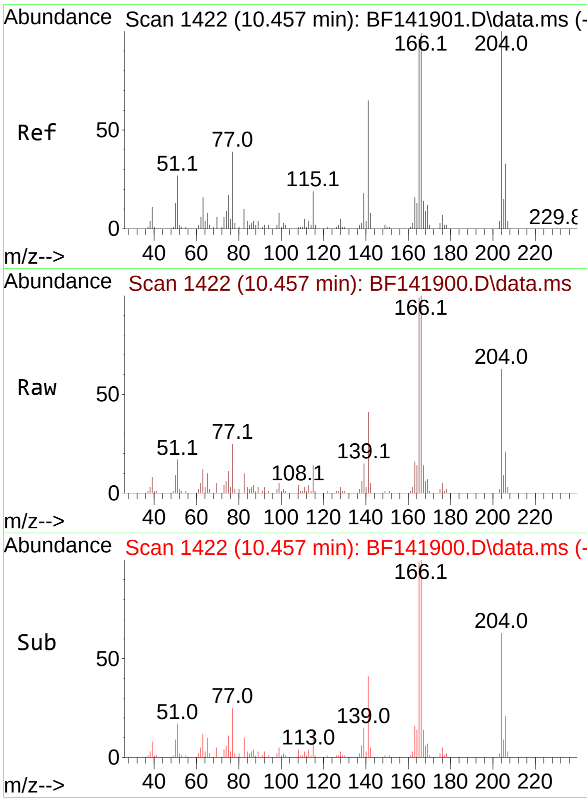
Tgt Ion:149 Resp: 704993

Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.0	27.0
150	12.6	10.2	15.4



ICAL Form

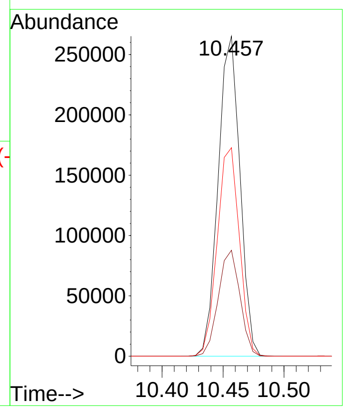
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

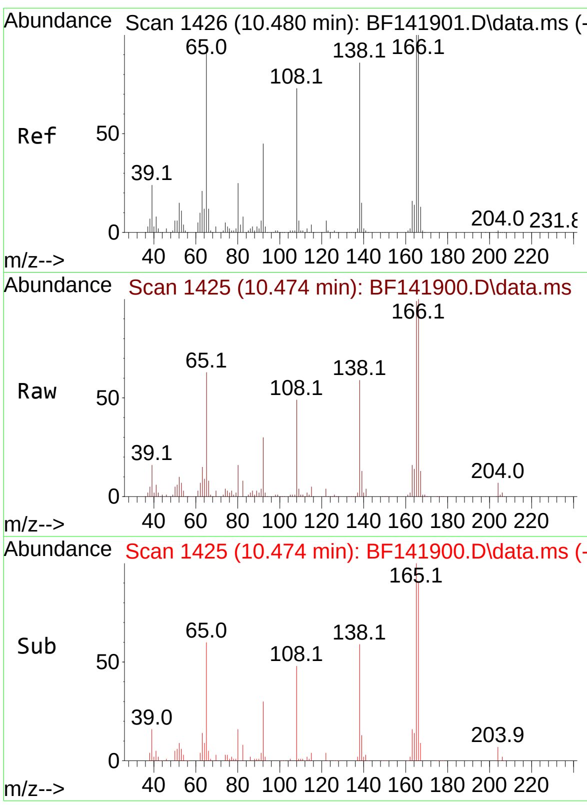


#61
4-Chlorophenyl-phenylether
Concen: 20.698 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:204 Resp: 330489

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.8	40.2
141	65.1	52.4	78.6

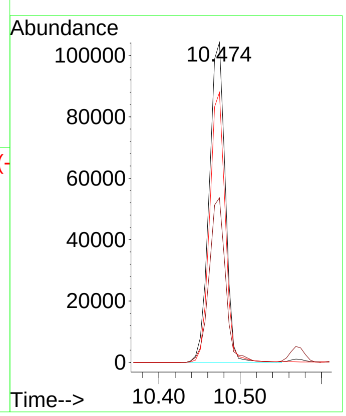




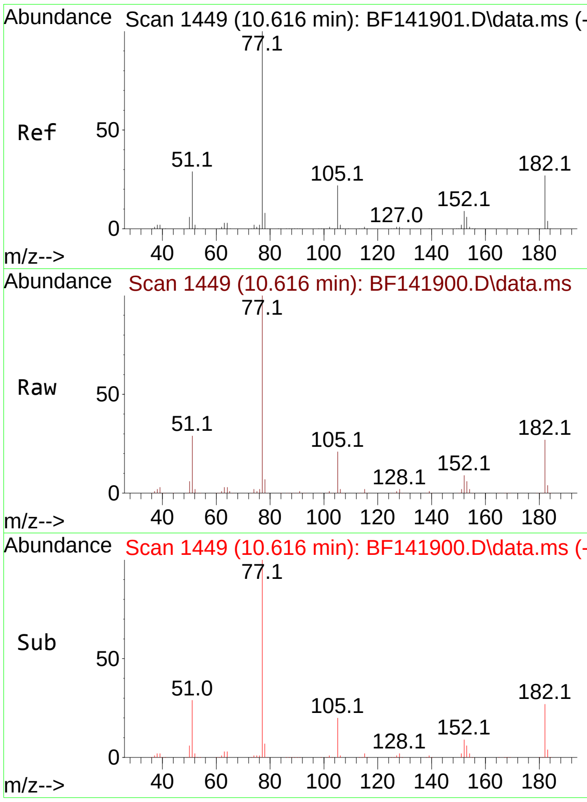
#62
4-Nitroaniline
Concen: 21.125 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:138 Resp: 142995

Ion	Ratio	Lower	Upper
138	100		
92	51.4	32.6	72.6
108	84.4	65.0	105.0



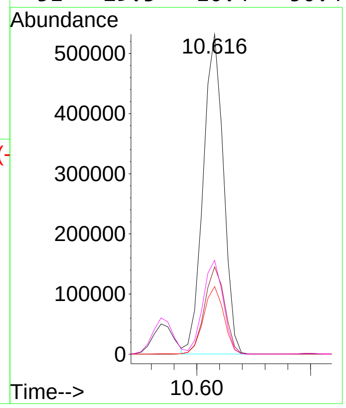
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

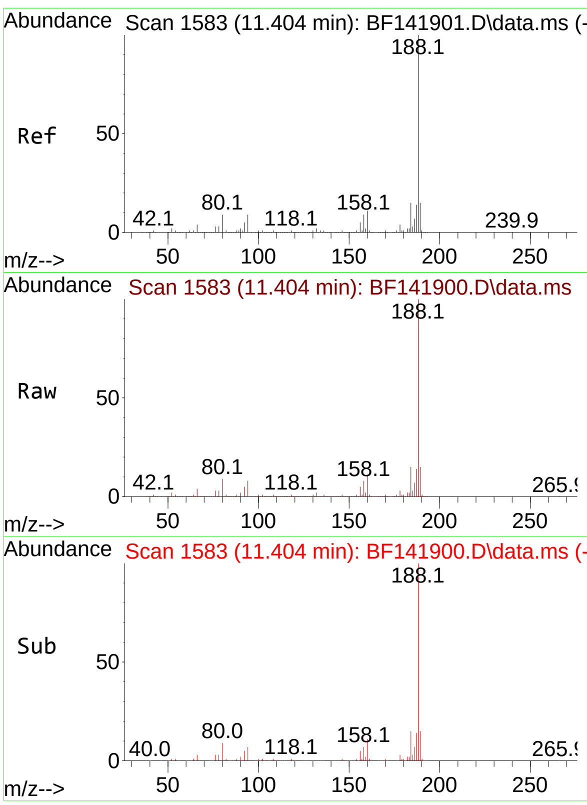


#63
Azobenzene
Concen: 21.665 ng
RT: 10.616 min   Scan# 14
Delta R.T.   0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025   12:29

Tgt Ion: 77 Resp: 660935

Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.6	46.6
105	21.2	1.3	41.3
51	29.3	10.4	50.4

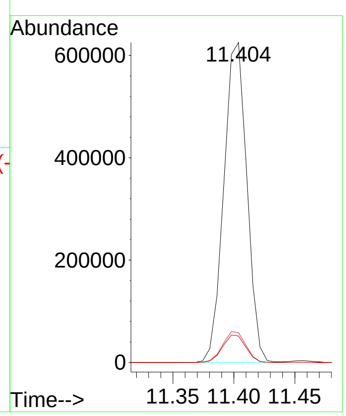




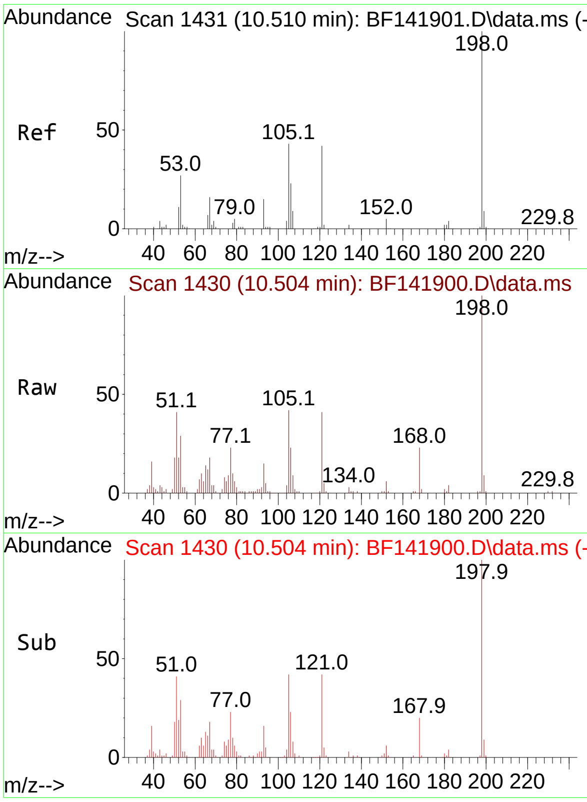
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min   Scan# 1583
Delta R.T.   -0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025   12:29

Tgt Ion:188 Resp: 826085

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	9.3	7.6	11.4



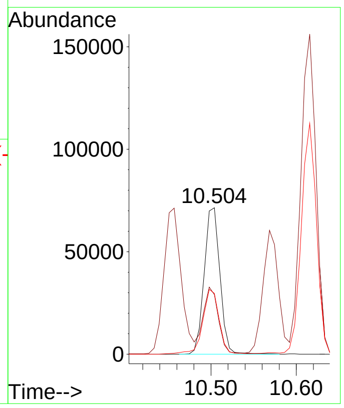
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

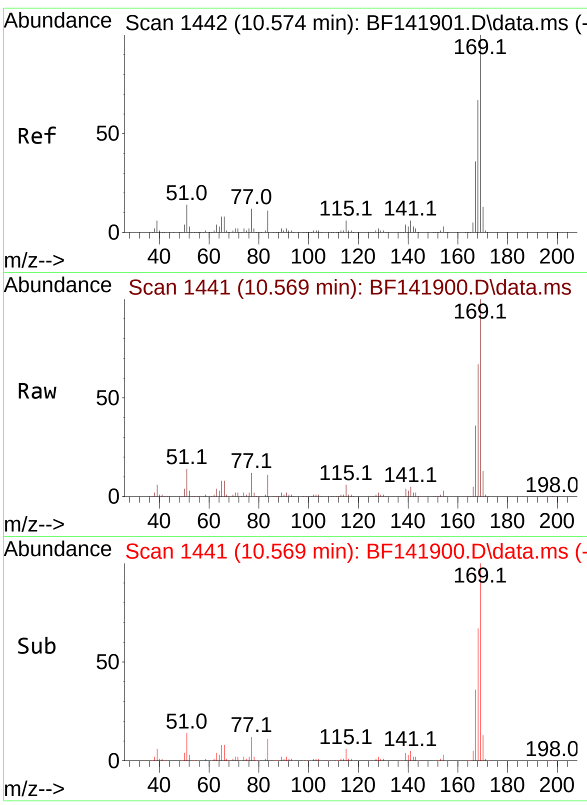


#65
4,6-Dinitro-2-methylphenol
Concen: 18.755 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:198 Resp: 91852

Ion	Ratio	Lower	Upper
198	100		
51	40.7	22.3	62.3
105	41.6	23.0	63.0

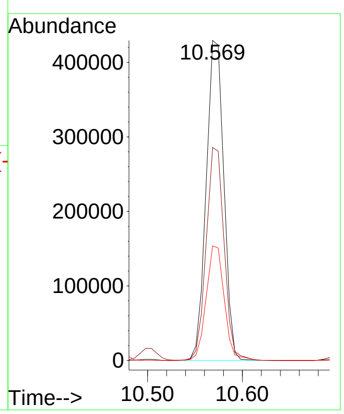




#66
n-Nitrosodiphenylamine
Concen: 20.756 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:169 Resp: 553905

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.7	80.5
167	35.8	29.2	43.8



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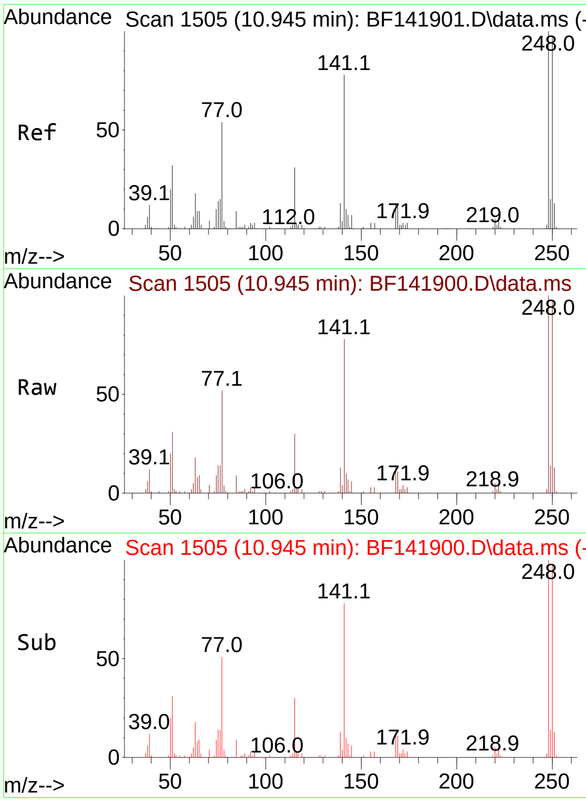
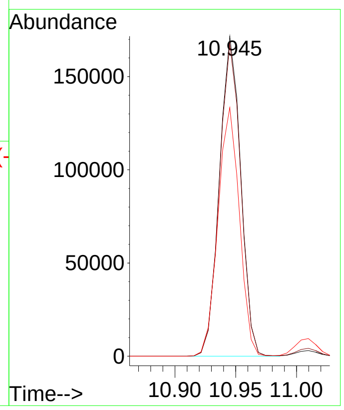
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

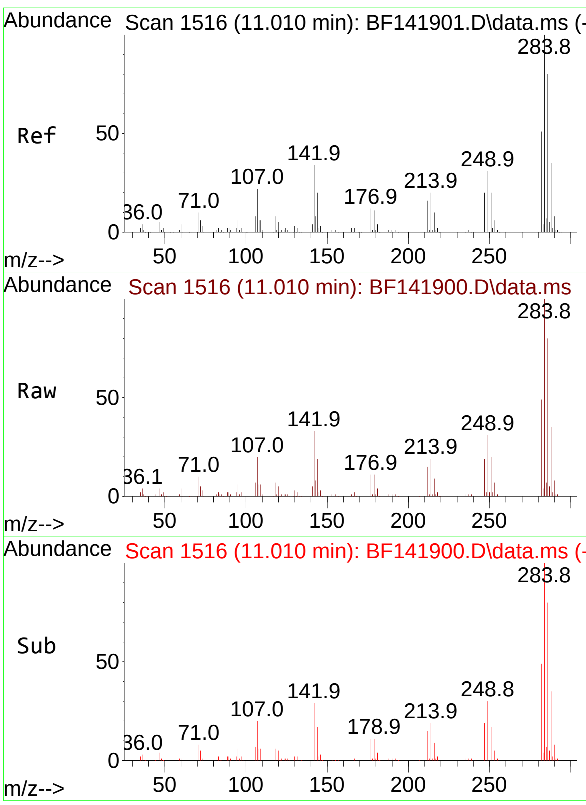


#67
4-Bromophenyl-phenylether
Concen: 20.436 ng
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:248 Resp: 210241

Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.8	116.8
141	77.7	62.6	93.8

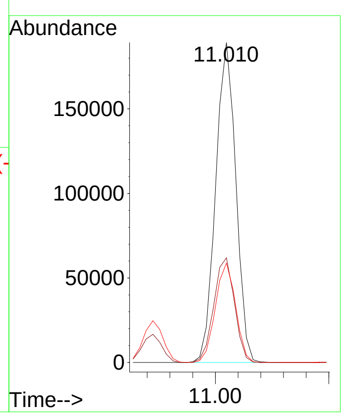




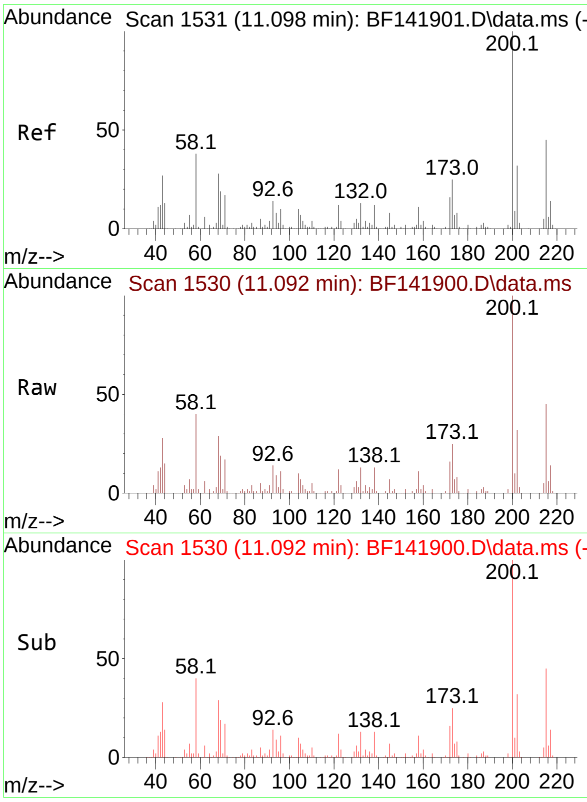
#68
Hexachlorobenzene
Concen: 20.613 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:284 Resp: 234399

Ion	Ratio	Lower	Upper
284	100		
142	32.7	27.0	40.6
249	31.1	25.2	37.8



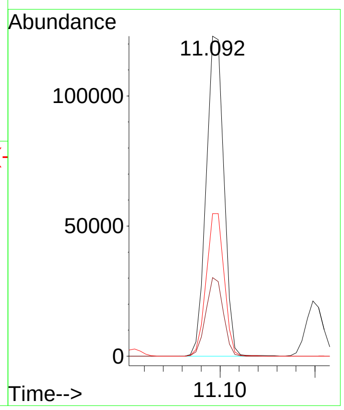
Instrument : BNA_F
ClientSampleId : SSTDICC020

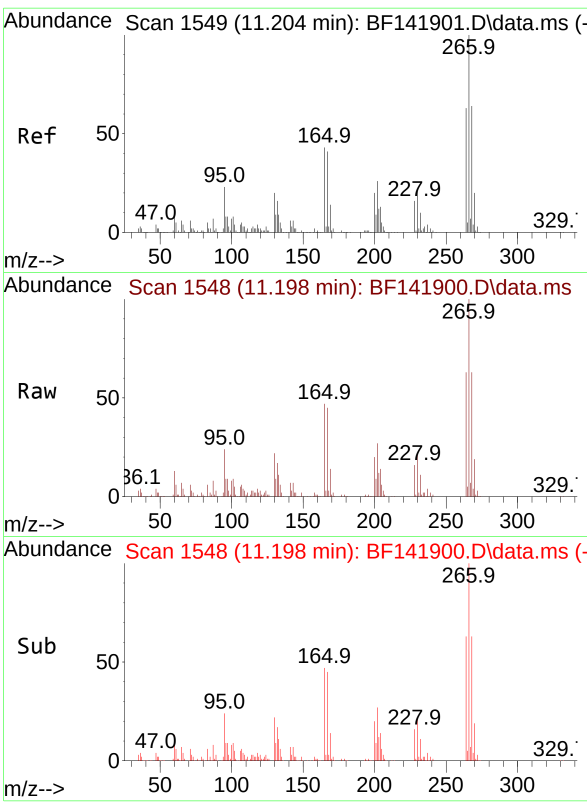


#69
Atrazine
Concen: 24.481 ng
RT: 11.092 min Scan# 1!
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:200 Resp: 159306

Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.7	44.7
215	44.5	25.4	65.4

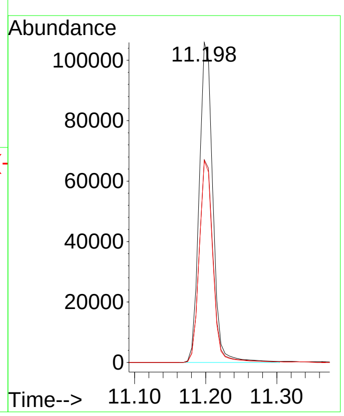




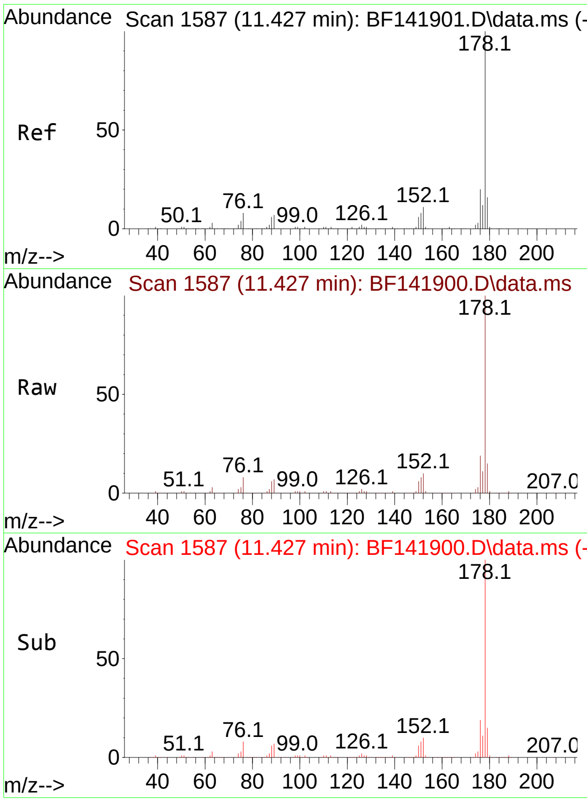
#70
Pentachlorophenol
Concen: 20.227 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:266 Resp: 141842

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.0	76.6
264	62.9	50.2	75.2



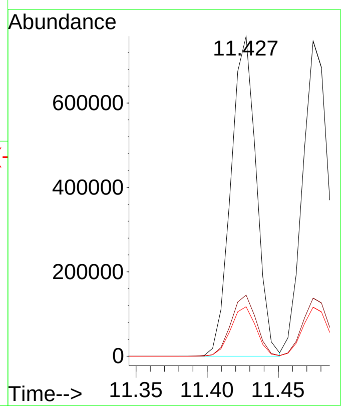
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

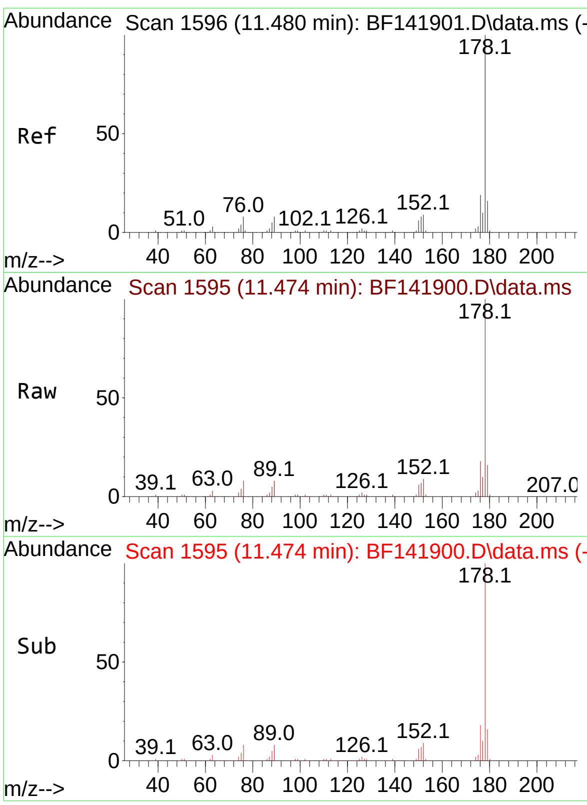


#71
Phenanthrene
Concen: 21.038 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:178 Resp: 939782

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.5	12.6	19.0

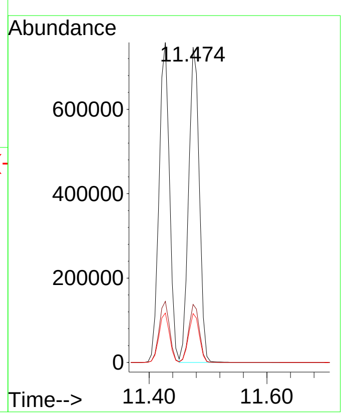




#72
Anthracene
Concen: 20.993 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

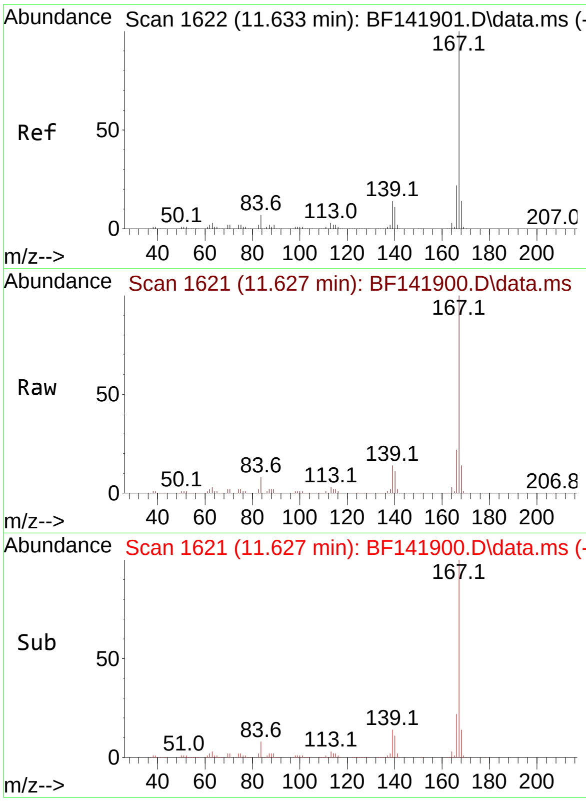
Tgt Ion:178 Resp: 940875

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.5	12.6	19.0



ICAL Form

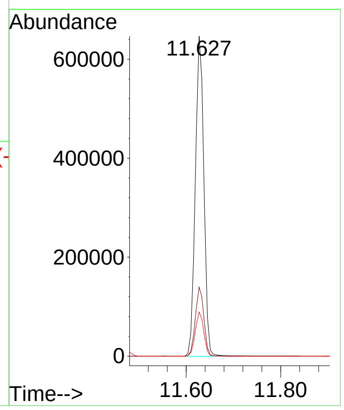
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

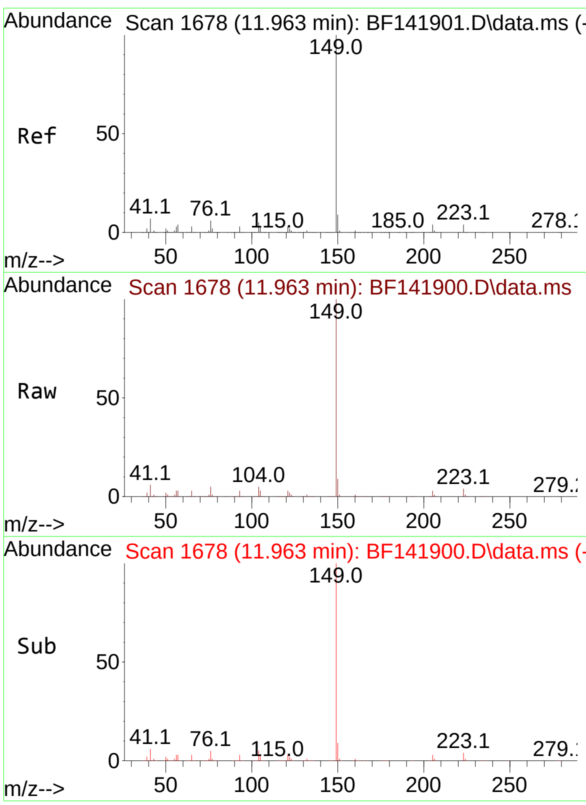


#73
Carbazole
Concen: 21.096 ng
RT: 11.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:167 Resp: 813998

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	13.8	11.0	16.6

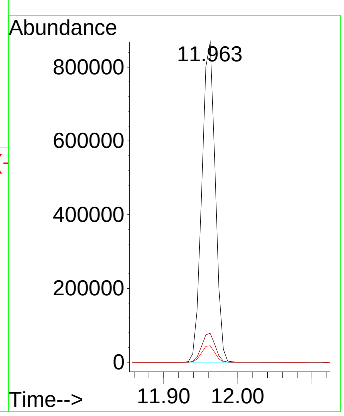




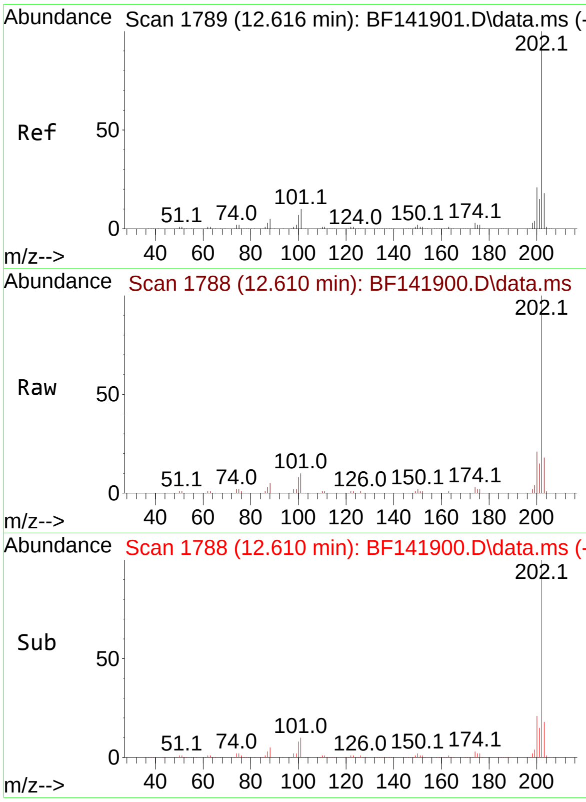
#74
Di-n-butylphthalate
Concen: 21.382 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:149 Resp: 1089304

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.2	4.4	6.6



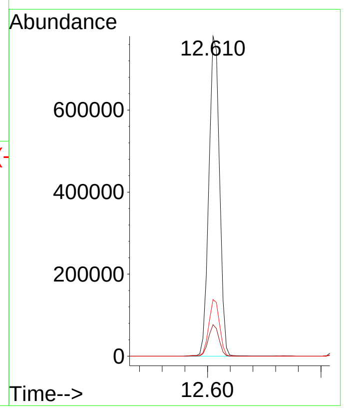
Instrument : BNA_F
ClientSampleId : SSTDICC020

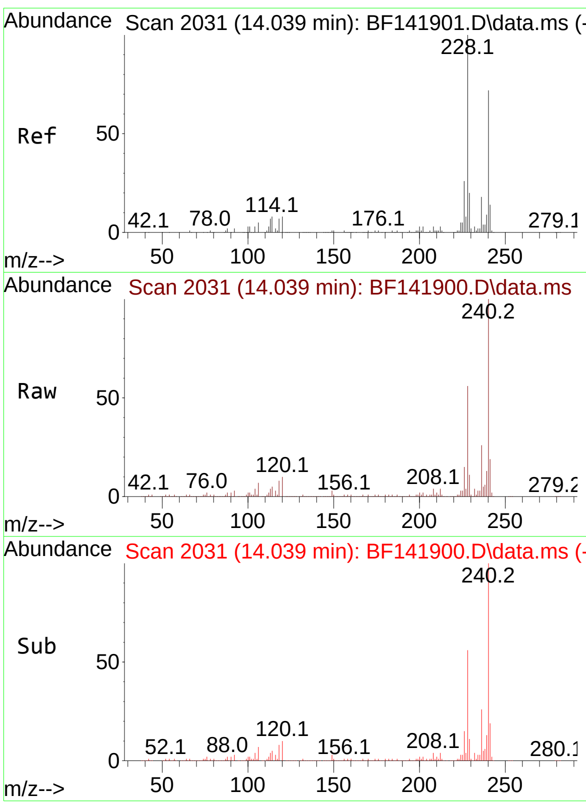


#75
Fluoranthene
Concen: 21.632 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:202 Resp: 1014464

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.7
203	17.7	0.0	37.8

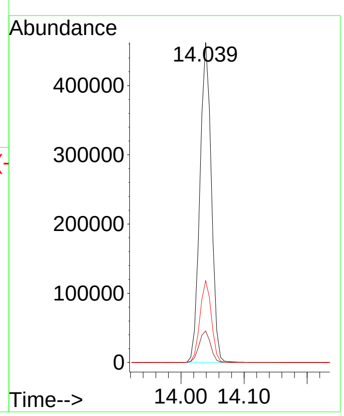




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

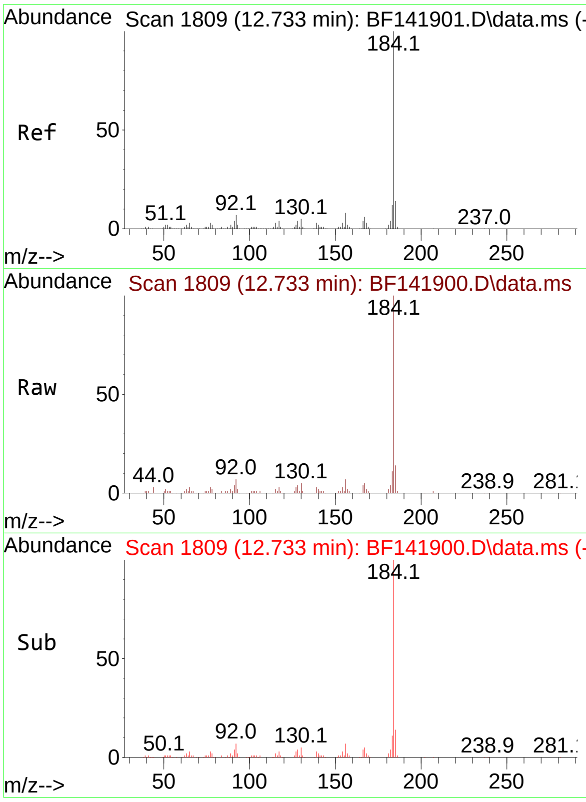
Tgt Ion:240 Resp: 581591

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	25.6	20.5	30.7



ICAL Form

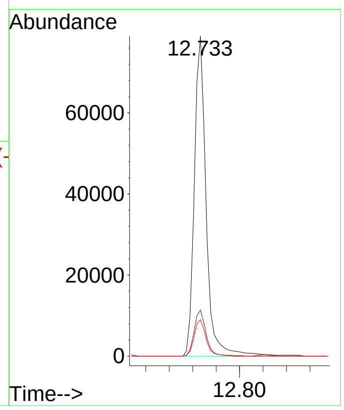
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

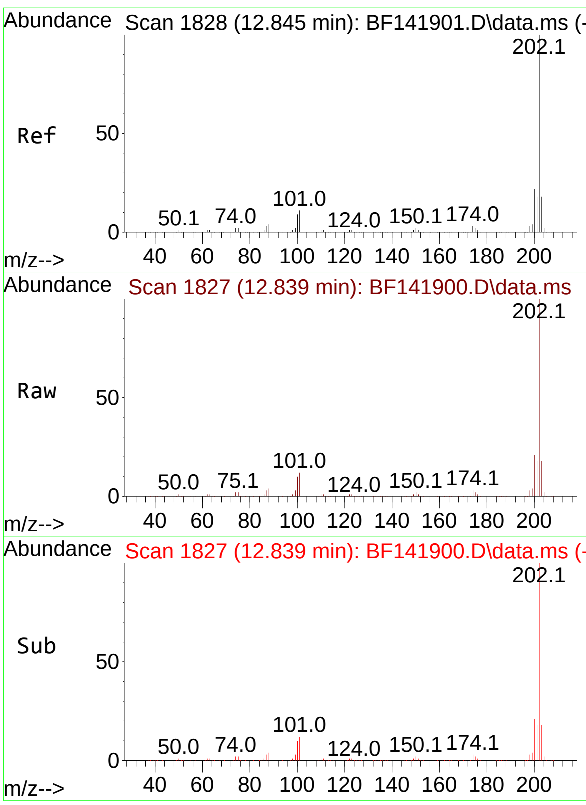


#77
Benzidine
Concen: 13.463 ng
RT: 12.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:184 Resp: 110648

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.5	9.7	14.5

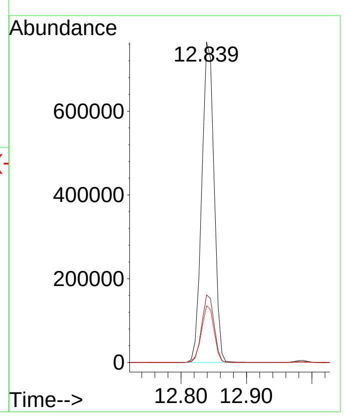




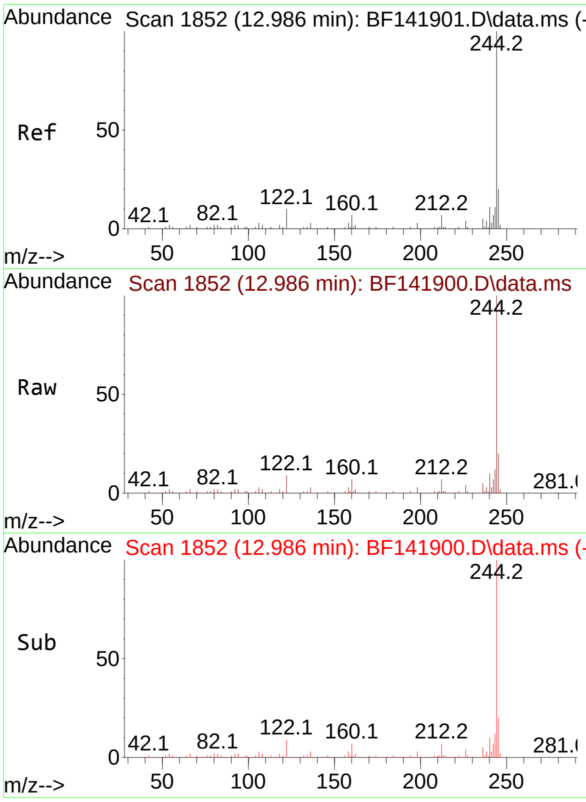
#78
Pyrene
Concen: 20.133 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:202 Resp: 1004157

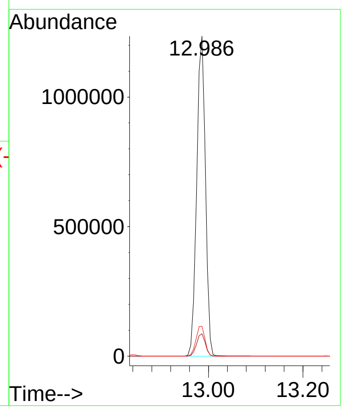
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.3	25.9
203	17.7	14.4	21.6

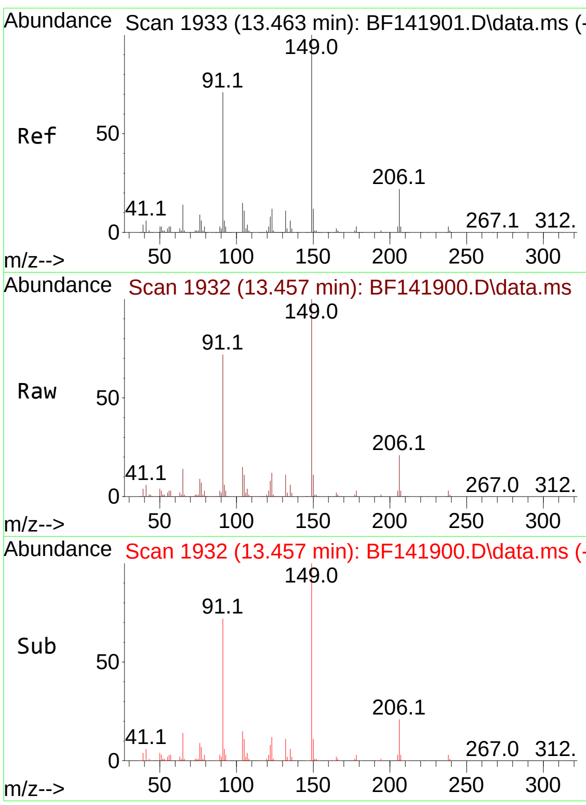


Instrument :
BNA_F
ClientSampleId :
SSTDICC020

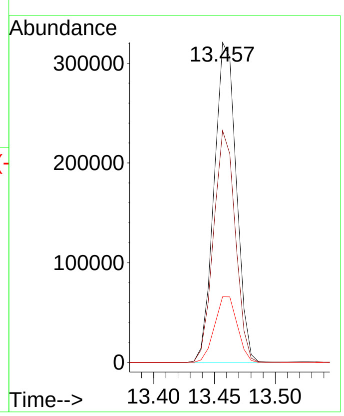



```
#79
Terphenyl-d14
Concen:   40.218 ng
RT:  12.986 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141900.D
Acq: 10 Mar 2025  12:29

Tgt Ion:244 Resp: 1582373
Ion  Ratio  Lower  Upper
244  100
212    7.0    6.0    9.0
122    9.4    7.7   11.5
```

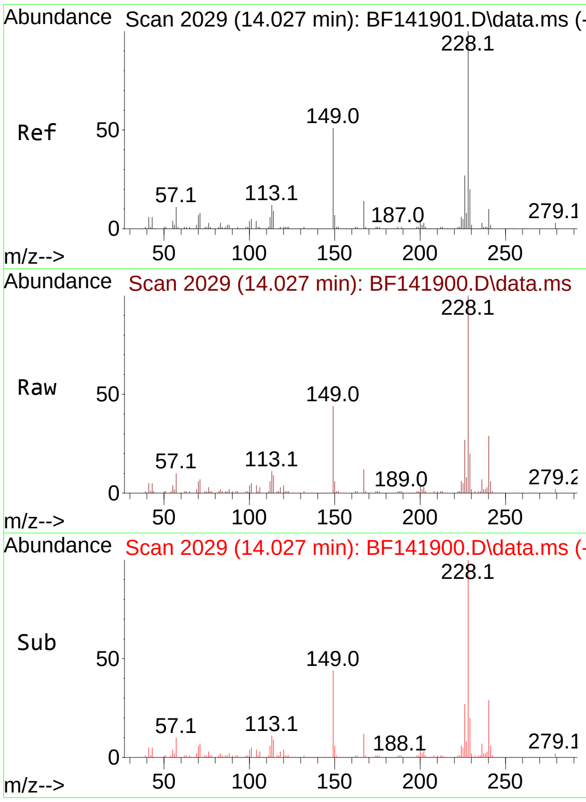





```
#80
Butylbenzylphthalate
Concen:   20.761 ng
RT:  13.457 min  Scan# 1932
Delta R.T.  -0.006 min
Lab File:   BF141900.D
Acq: 10 Mar 2025  12:29

Tgt Ion:149 Resp:  408044
Ion  Ratio  Lower  Upper
149  100
 91   72.5   56.5   84.7
206   20.5   17.3   25.9
```



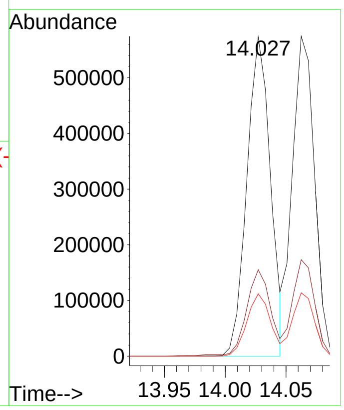
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

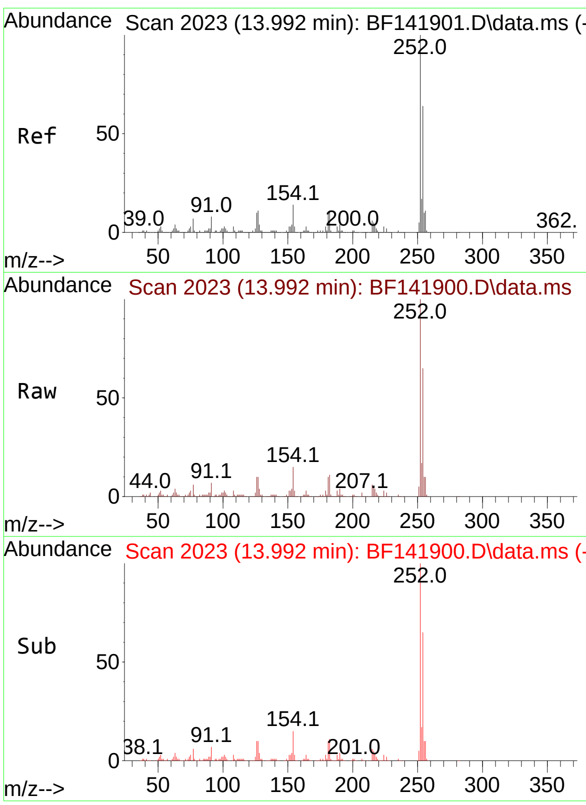


#81
Benzo(a)anthracene
Concen: 20.285 ng
RT: 14.027 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:228 Resp: 776120

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.6	16.0	24.0

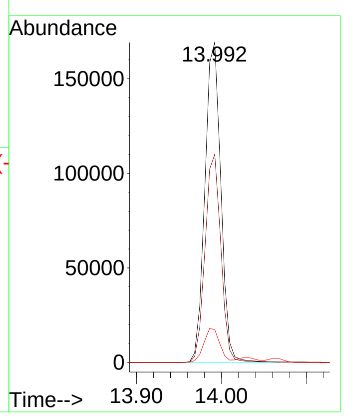




#82
3,3'-Dichlorobenzidine
Concen: 19.999 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

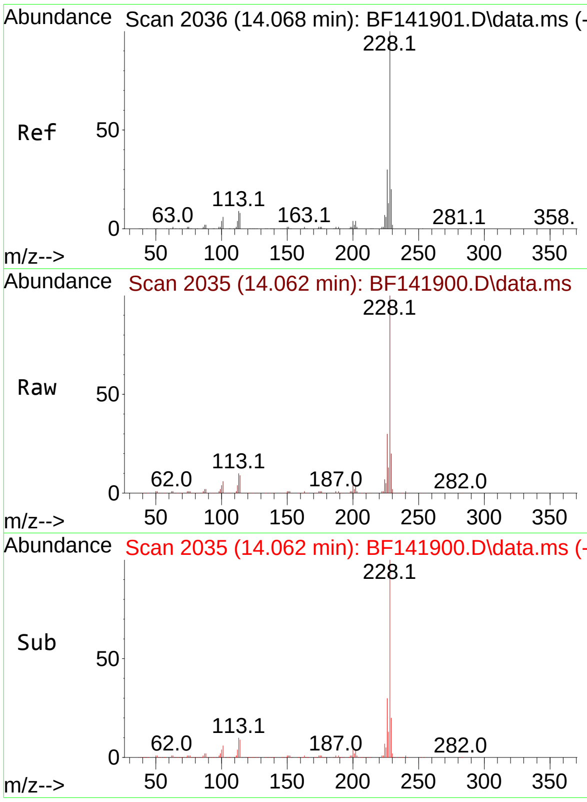
Tgt Ion:252 Resp: 221168

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.0	76.6
126	10.2	8.4	12.6



ICAL Form

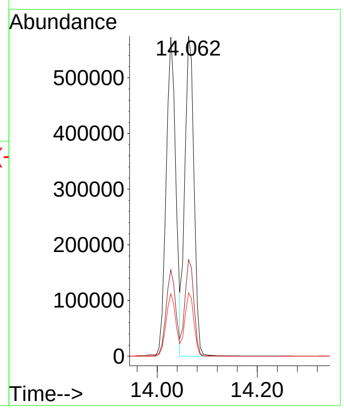
Instrument : BNA_F
ClientSampleId : SSTDICC020

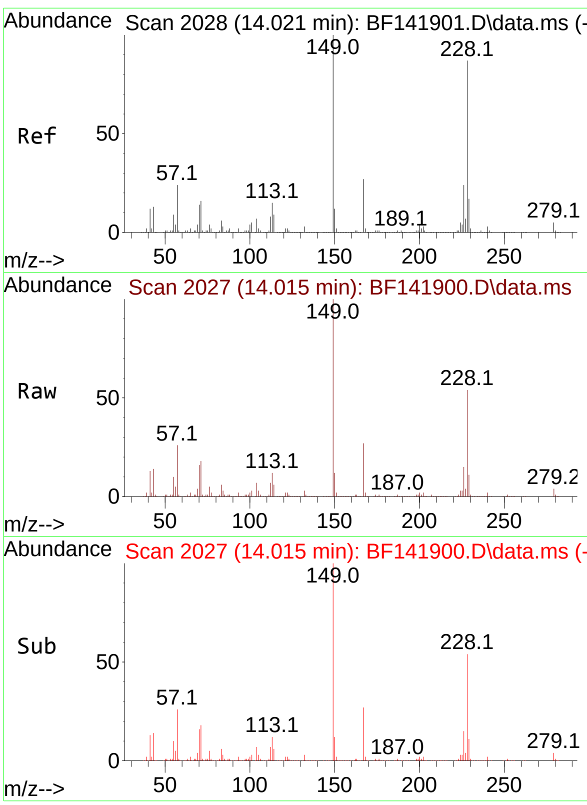


#83
Chrysene
Concen: 21.325 ng
RT: 14.062 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:228 Resp: 732966

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.8	15.7	23.5

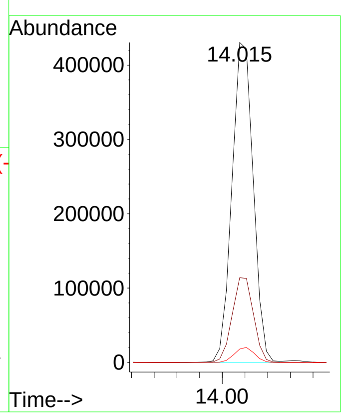




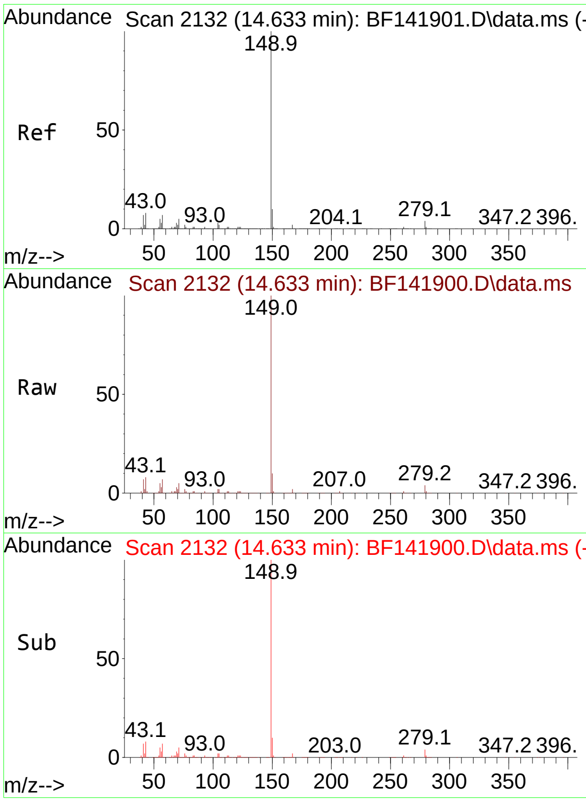
#84
Bis(2-ethylhexyl)phthalate
Concen: 20.845 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:149 Resp: 562062

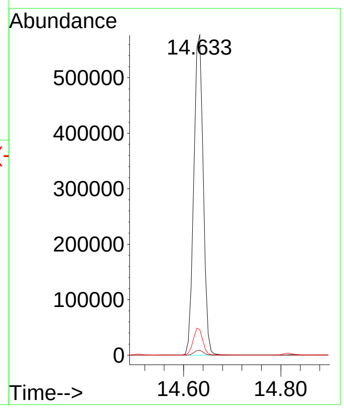
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.4	32.0
279	4.2	3.8	5.6

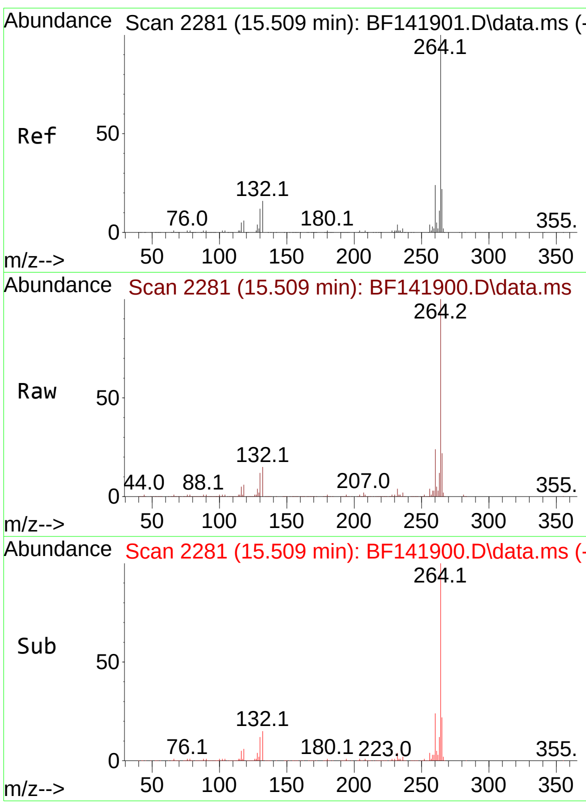


Instrument :
BNA_F
ClientSampleId :
SSTDICC020

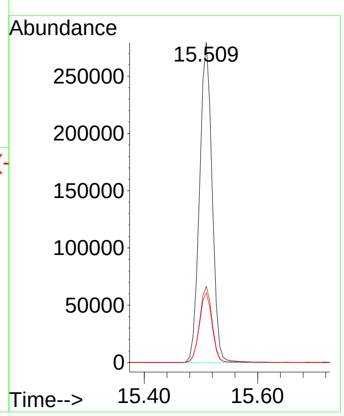



```
#85
Di-n-octyl phthalate
Concen:   20.740 ng
RT:  14.633 min  Scan# 2132
Delta R.T.  0.000 min
Lab File:   BF141900.D
Acq: 10 Mar 2025  12:29

Tgt Ion:149 Resp:  778373
Ion  Ratio  Lower  Upper
149  100
167    1.5    1.3    1.9
 43    8.5    6.9   10.3
```



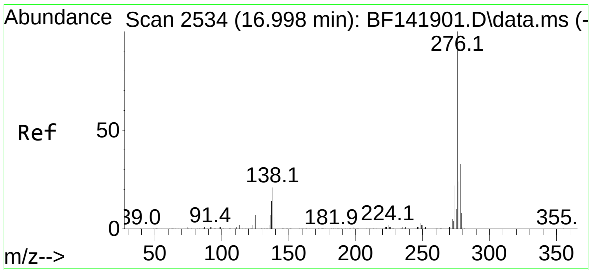


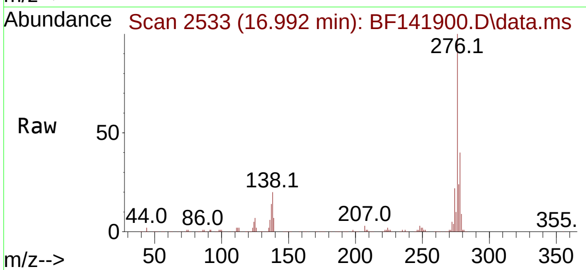

```
#86
Perylene-d12
Concen:   20.000 ng
RT:  15.509 min  Scan# 2281
Delta R.T.  0.000 min
Lab File:   BF141900.D
Acq: 10 Mar 2025  12:29

Tgt Ion:264 Resp:  428960
Ion  Ratio  Lower  Upper
264  100
260   23.8   19.1   28.7
265   21.7   17.5   26.3
```

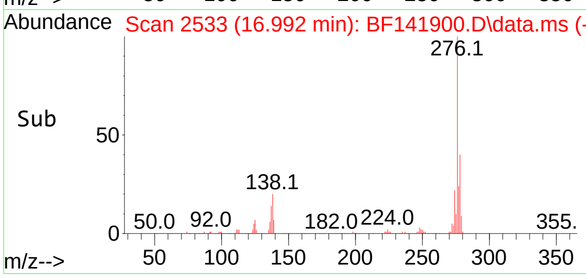


ICAL Form

Instrument :
BNA_F
ClientSampleId :
SSTDICC020



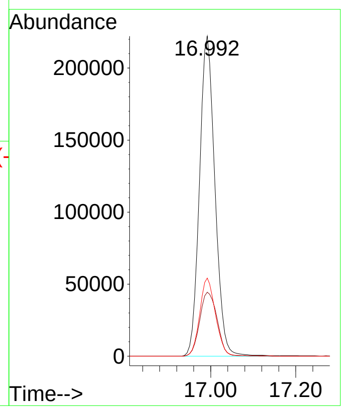


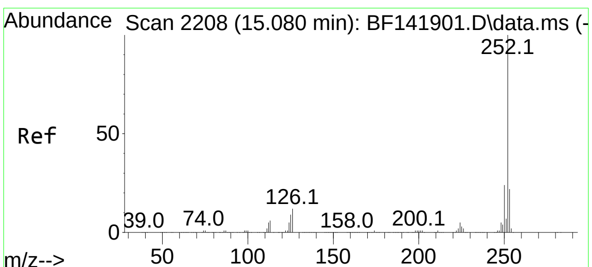


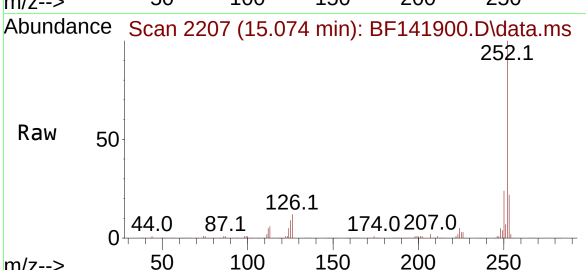
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.163 ng
RT: 16.992 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

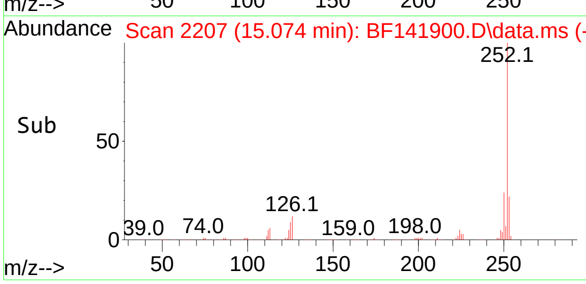
Tgt Ion:276 Resp: 560913

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.4	27.6
277	24.9	20.3	30.5





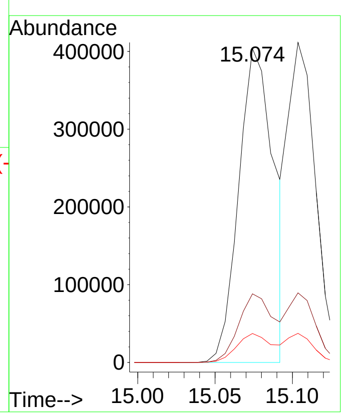




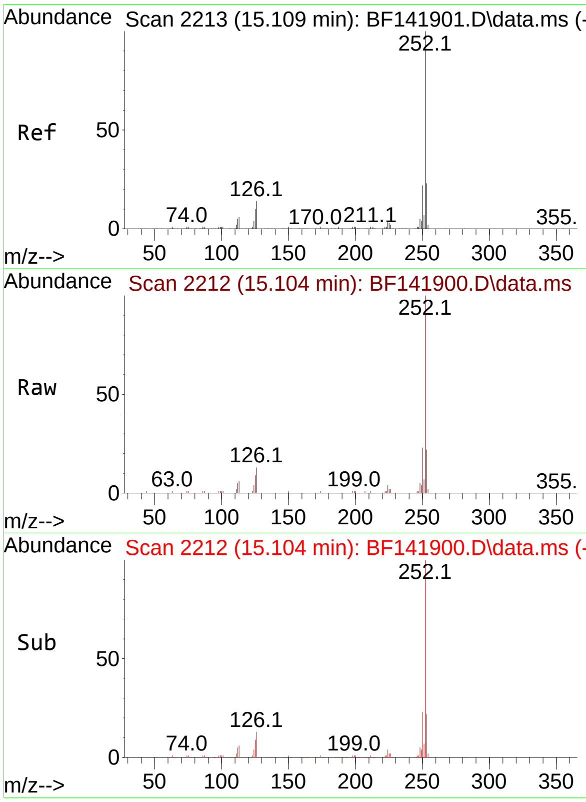
#88
Benzo(b)fluoranthene
Concen: 21.886 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:252 Resp: 636808

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.2	7.0	10.4



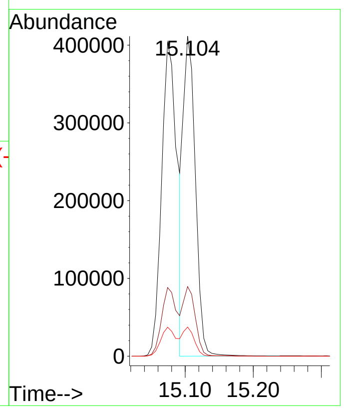
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

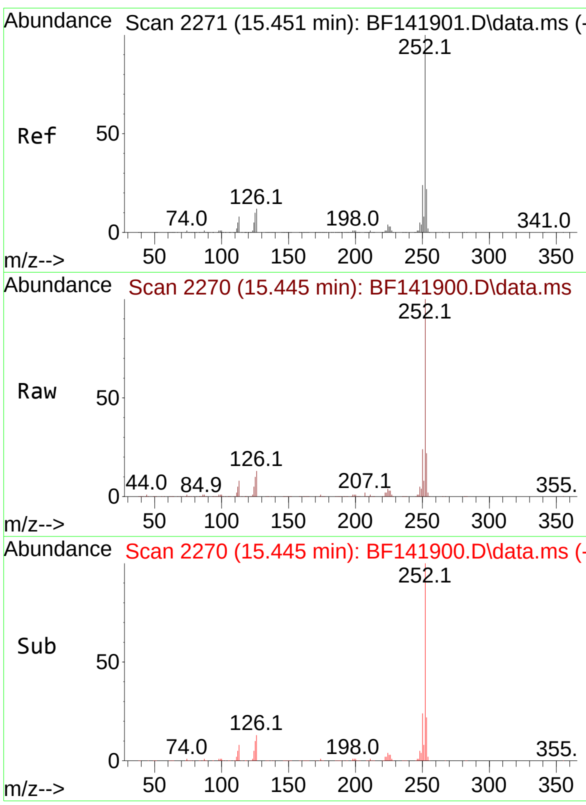


#89
Benzo(k)fluoranthene
Concen: 20.196 ng
RT: 15.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:252 Resp: 513311

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.1	7.2	10.8

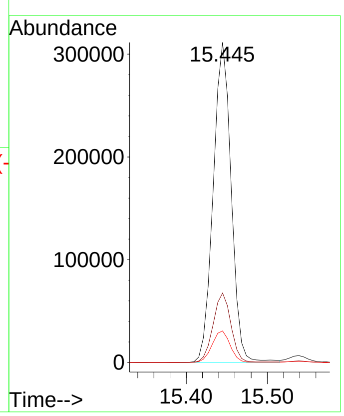




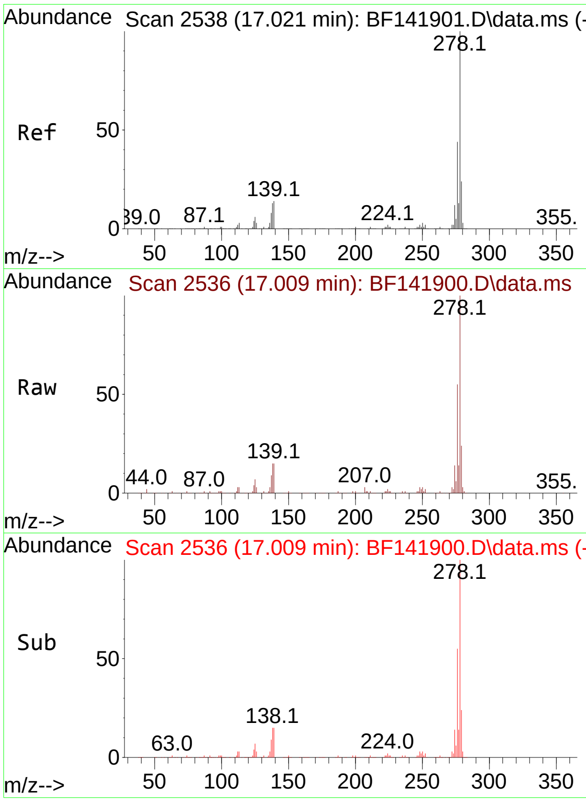
#90
Benzo(a)pyrene
Concen: 20.991 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:252 Resp: 481683

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.8	7.8	11.8



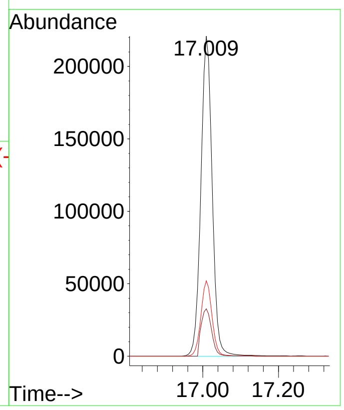
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

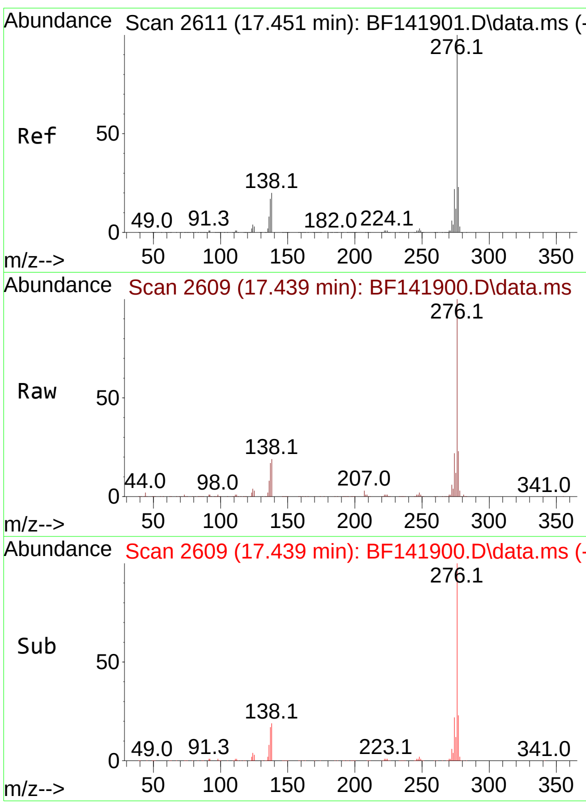


#91
Dibenzo(a,h)anthracene
Concen: 20.046 ng
RT: 17.009 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:278 Resp: 460109

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.4	17.2
279	23.6	18.8	28.2

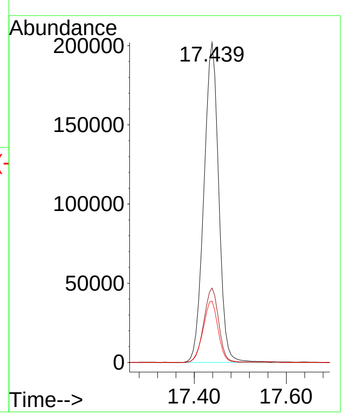




#92
Benzo(g,h,i)perylene
Concen: 19.987 ng
RT: 17.439 min Scan# 2609
Delta R.T. -0.012 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:276 Resp: 455034

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.7	28.1
138	19.2	15.8	23.8



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141901.D
Acq On : 10 Mar 2025 12:58
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Mar 10 15:35:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.881	152	222904	20.000 ng	0.00
21) Naphthalene-d8	8.163	136	874166	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	493744	20.000 ng	0.00
64) Phenanthrene-d10	11.404	188	839154	20.000 ng	0.00
76) Chrysene-d12	14.039	240	569865	20.000 ng	0.00
86) Perylene-d12	15.509	264	469286	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.492	112	1023722	76.628 ng	0.00
7) Phenol-d6	6.504	99	1285980	75.580 ng	0.00
23) Nitrobenzene-d5	7.445	82	1216280	77.983 ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	493945	78.949 ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2475837	76.357 ng	0.00
79) Terphenyl-d14	12.986	244	2908357	75.440 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.675	88	224795	40.148 ng	100
3) Pyridine	3.440	79	544434	39.565 ng	100
4) n-Nitrosodimethylamine	3.393	42	259739	39.710 ng	100
6) Aniline	6.545	93	653060	38.879 ng	100
8) 2-Chlorophenol	6.669	128	561230	37.902 ng	100
9) Benzaldehyde	6.434	77	346818	36.467 ng	100
10) Phenol	6.522	94	684724	38.141 ng	100
11) bis(2-Chloroethyl)ether	6.616	93	510214	37.932 ng	100
12) 1,3-Dichlorobenzene	6.822	146	611938	38.242 ng	100
13) 1,4-Dichlorobenzene	6.898	146	620951	38.355 ng	100
14) 1,2-Dichlorobenzene	7.051	146	581043	38.111 ng	100
15) Benzyl Alcohol	7.022	79	528444	38.371 ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	607522	37.476 ng	100
17) 2-Methylphenol	7.128	107	449433	38.190 ng	100
18) Hexachloroethane	7.392	117	230613	37.993 ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	407069	37.223 ng	100
20) 3+4-Methylphenols	7.281	107	576902	38.219 ng	100
22) Acetophenone	7.292	105	804747	38.376 ng	100
24) Nitrobenzene	7.463	77	604738	39.106 ng	100
25) Isophorone	7.704	82	1049049	38.097 ng	100
26) 2-Nitrophenol	7.781	139	305349	40.295 ng	100
27) 2,4-Dimethylphenol	7.810	122	403621	38.671 ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	650344	37.702 ng	100
29) 2,4-Dichlorophenol	8.016	162	500239	38.619 ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	541182	37.870 ng	100
31) Naphthalene	8.186	128	1719643	38.400 ng	100
32) Benzoic acid	7.928	122	363328	39.827 ng	100
33) 4-Chloroaniline	8.228	127	613535	38.824 ng	100
34) Hexachlorobutadiene	8.304	225	355740	38.285 ng	100
35) Caprolactam	8.604	113	147056	37.335 ng	100
36) 4-Chloro-3-methylphenol	8.704	107	555328	38.549 ng	100
37) 2-Methylnaphthalene	8.875	142	1141228	37.983 ng	100
38) 1-Methylnaphthalene	8.975	142	1089576	37.447 ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	584322	38.814 ng	100
41) Hexachlorocyclopentadiene	9.028	237	246666	41.523 ng	100
43) 2,4,6-Trichlorophenol	9.145	196	392696	40.014 ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141901.D
Acq On : 10 Mar 2025 12:58
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Mar 10 15:35:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	384539	38.566 ng	100
46) 1,1'-Biphenyl	9.339	154	1436040	38.362 ng	100
47) 2-Chloronaphthalene	9.363	162	1077099	38.609 ng	100
48) 2-Nitroaniline	9.457	65	318068	39.690 ng	100
49) Acenaphthylene	9.780	152	1614250	39.029 ng	100
50) Dimethylphthalate	9.639	163	1312856	38.270 ng	100
51) 2,6-Dinitrotoluene	9.698	165	281695	39.486 ng	100
52) Acenaphthene	9.951	154	1132087	38.764 ng	100
53) 3-Nitroaniline	9.869	138	289208	39.481 ng	100
54) 2,4-Dinitrophenol	9.969	184	140024	38.116 ng	100
55) Dibenzofuran	10.122	168	1593454	38.266 ng	100
56) 4-Nitrophenol	10.016	139	227070	41.266 ng	100
57) 2,4-Dinitrotoluene	10.104	165	370337	39.437 ng	100
58) Fluorene	10.469	166	1213316	37.742 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	354863	39.225 ng	100
60) Diethylphthalate	10.339	149	1319116	38.304 ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	635445	37.950 ng	100
62) 4-Nitroaniline	10.480	138	284615	40.097 ng	100
63) Azobenzene	10.616	77	1229473	38.432 ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	203106	40.827 ng	100
66) n-Nitrosodiphenylamine	10.574	169	1041349	38.415 ng	100
67) 4-Bromophenyl-phenylether	10.945	248	409602	39.195 ng	100
68) Hexachlorobenzene	11.010	284	452189	39.146 ng	100
69) Atrazine	11.098	200	275084	41.614 ng	100
70) Pentachlorophenol	11.204	266	297893	41.818 ng	100
71) Phenanthrene	11.427	178	1741309	38.373 ng	100
72) Anthracene	11.480	178	1756035	38.571 ng	100
73) Carbazole	11.633	167	1524663	38.898 ng	100
74) Di-n-butylphthalate	11.963	149	1975625	38.175 ng	100
75) Fluoranthene	12.616	202	1860202	39.049 ng	100
77) Benzidine	12.733	184	410026	50.915 ng	100
78) Pyrene	12.845	202	1835917	37.567 ng	100
80) Butylbenzylphthalate	13.463	149	746613	38.769 ng	100
81) Benzo(a)anthracene	14.027	228	1451332	38.713 ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	423835	39.114 ng	100
83) Chrysene	14.068	228	1294538	38.439 ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1029987	38.985 ng	100
85) Di-n-octyl phthalate	14.633	149	1441248	39.193 ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	1207616	39.681 ng	100
88) Benzo(b)fluoranthene	15.080	252	1135547	35.673 ng	100
89) Benzo(k)fluoranthene	15.109	252	1130615	40.661 ng	100
90) Benzo(a)pyrene	15.451	252	972220	38.727 ng	100
91) Dibenzo(a,h)anthracene	17.021	278	1002747	39.933 ng	100
92) Benzo(g,h,i)perylene	17.451	276	999947	40.149 ng	100

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

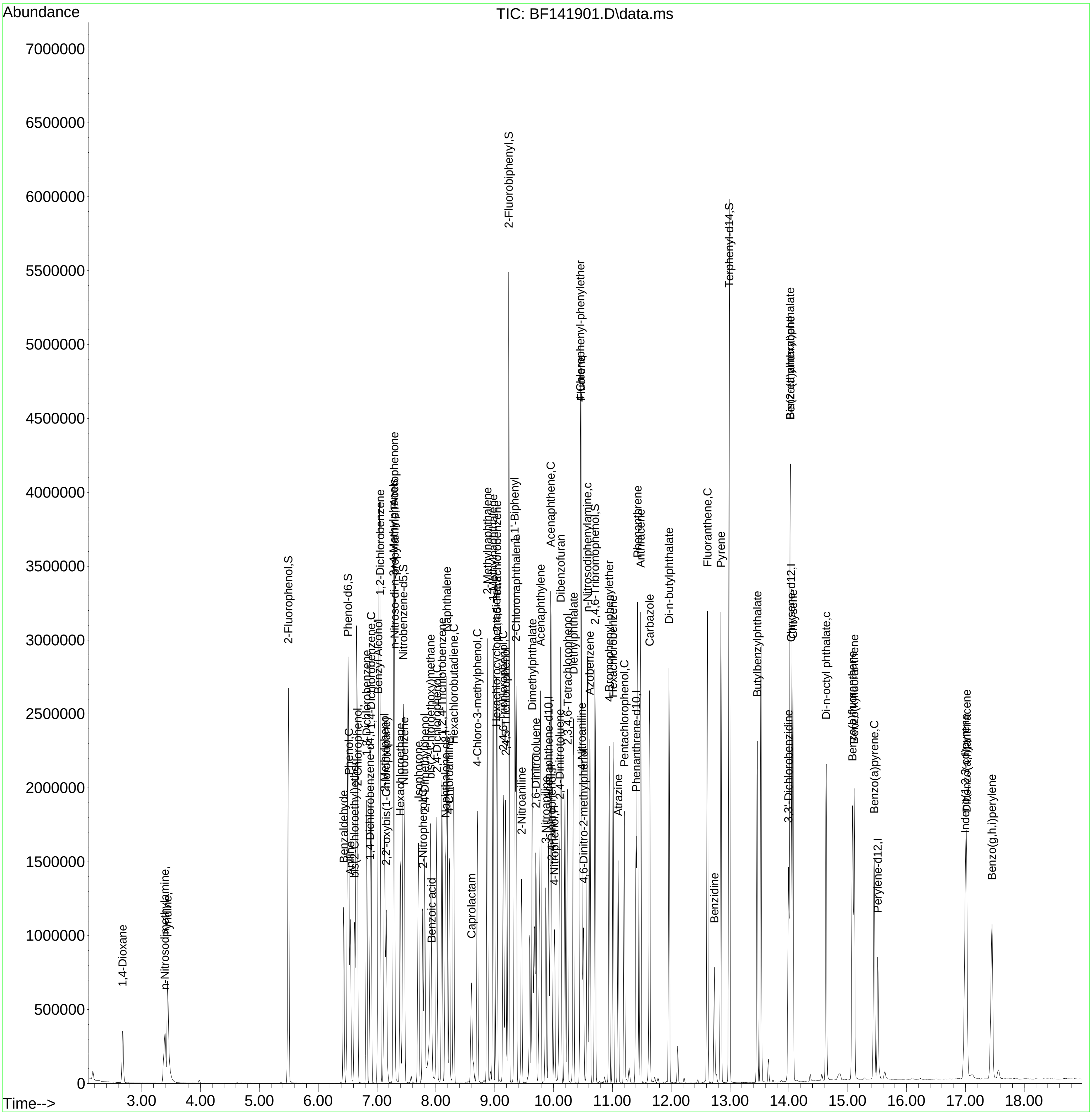
Quantitation Report (QT Reviewed)

ICAL Form

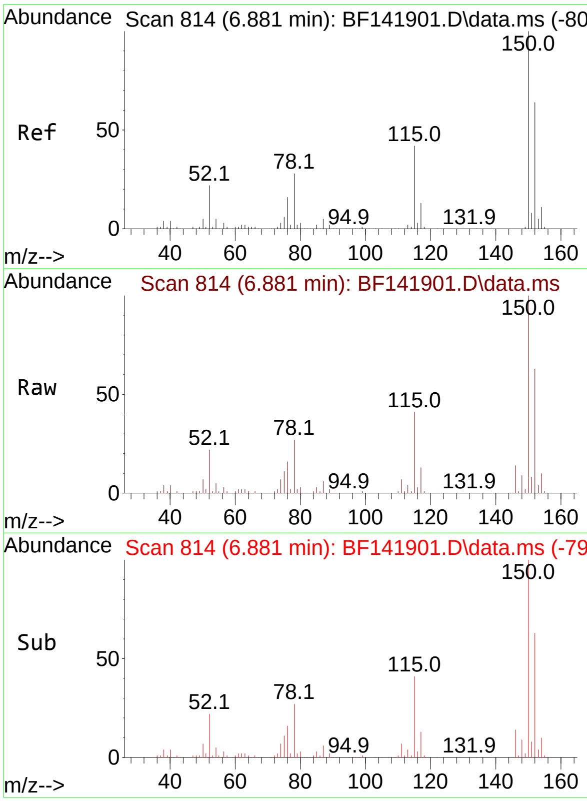
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141901.D
Acq On : 10 Mar 2025 12:58
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

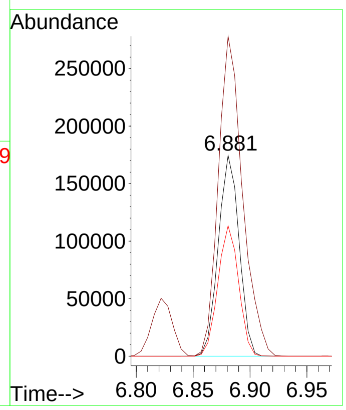
Quant Time: Mar 10 15:35:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

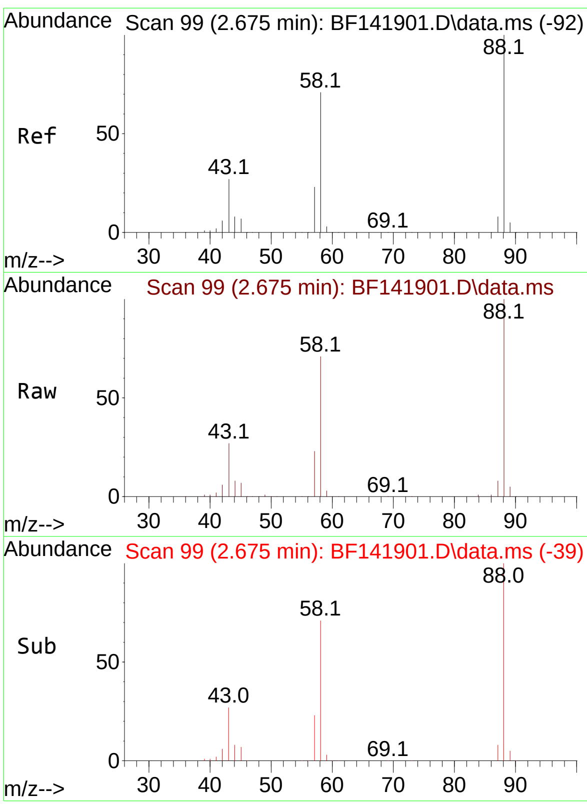


Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

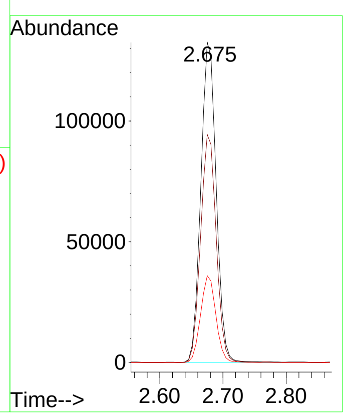



```
#1
1,4-Dichlorobenzene-d4
Concen:    20.000 ng
RT:    6.881 min   Scan# 81
Delta R.T.   -0.000 min
Lab File:    BF141901.D
Acq: 10 Mar 2025   12:58

Tgt Ion:152 Resp:   222904
Ion   Ratio   Lower   Upper
152   100
150   159.3   127.4   191.2
115    64.9    51.9    77.9
```

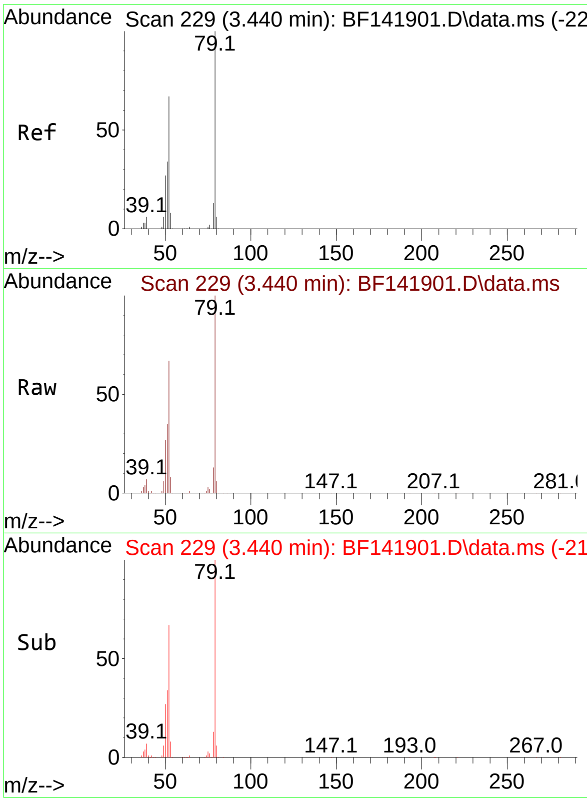





```
#2
1,4-Dioxane
Concen:    40.148 ng
RT:    2.675 min   Scan# 99
Delta R.T.   0.000 min
Lab File:    BF141901.D
Acq: 10 Mar 2025   12:58

Tgt Ion: 88 Resp:   224795
Ion   Ratio   Lower   Upper
 88   100
 58    71.8    57.4    86.2
 43    26.9    21.5    32.3
```



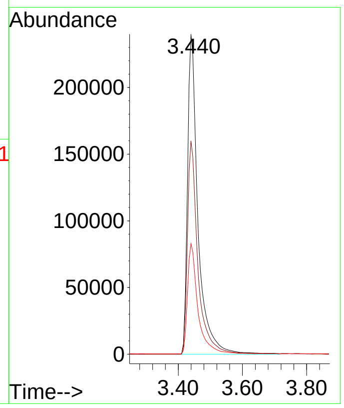
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

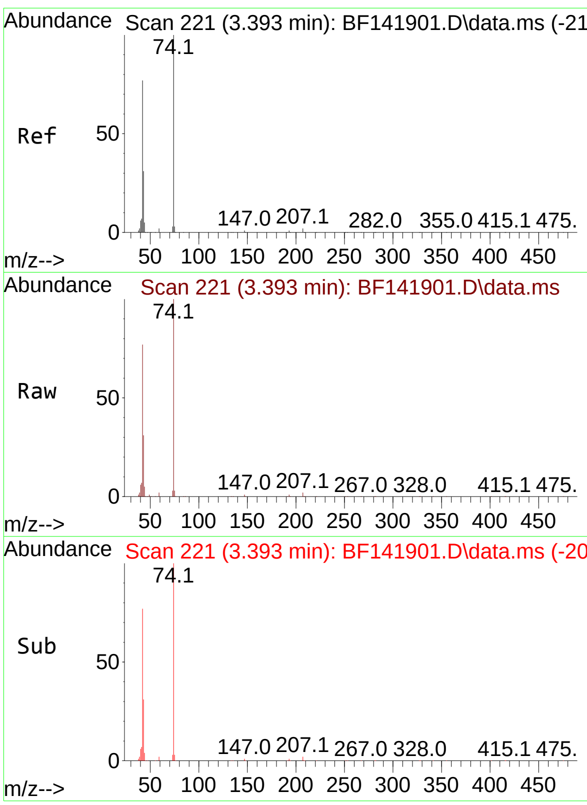


#3
Pyridine
Concen: 39.565 ng
RT: 3.440 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 79 Resp: 544434

Ion	Ratio	Lower	Upper
79	100		
52	66.6	53.3	79.9
51	34.5	27.6	41.4

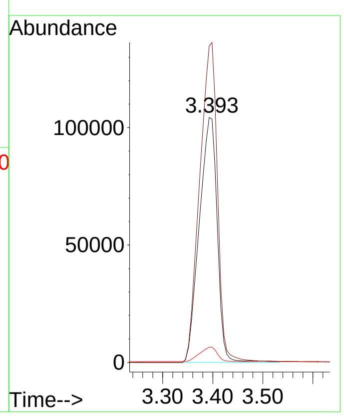




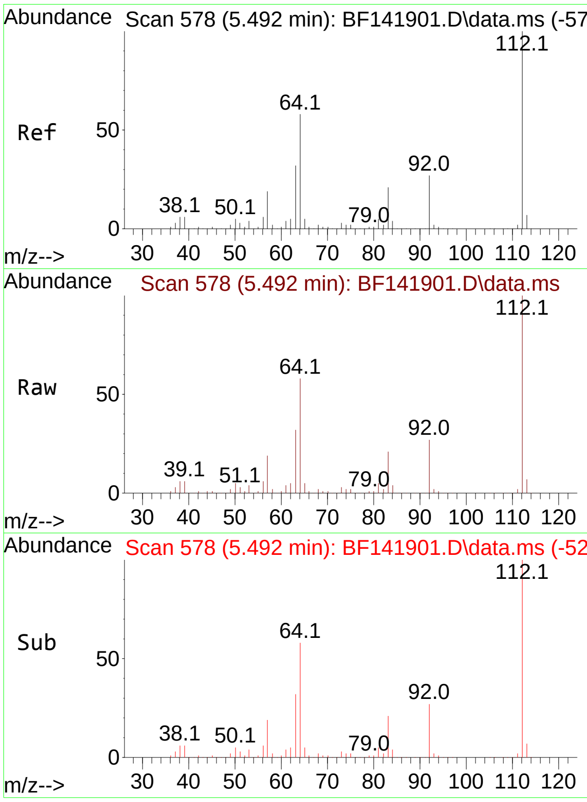
#4
n-Nitrosodimethylamine
Concen: 39.710 ng
RT: 3.393 min Scan# 221
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 42 Resp: 259739

Ion	Ratio	Lower	Upper
42	100		
74	129.2	103.4	155.0
44	6.2	5.0	7.4



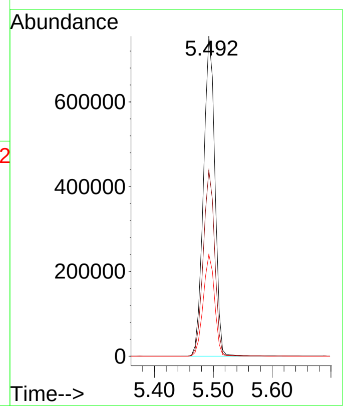
Instrument : BNA_F
ClientSampleId : SSTDICCC040

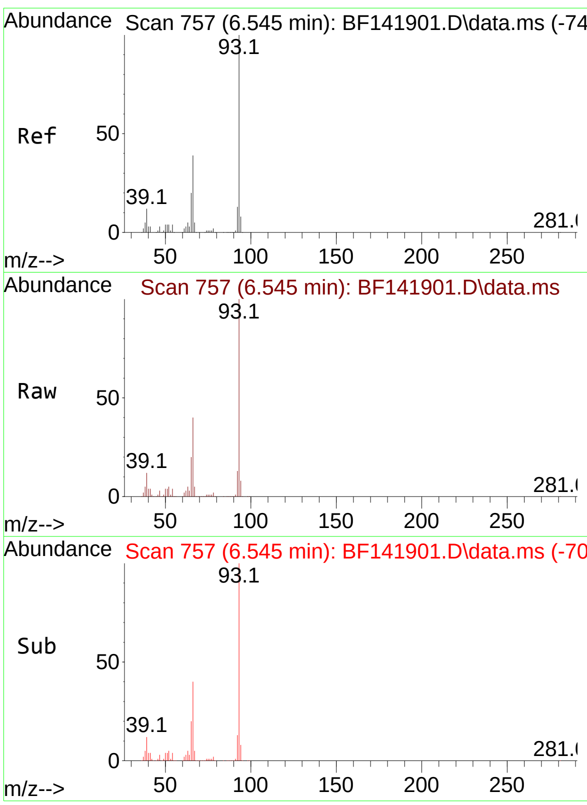


#5
2-Fluorophenol
Concen: 76.628 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:112 Resp: 1023722

Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.5	69.7
63	31.8	25.4	38.2

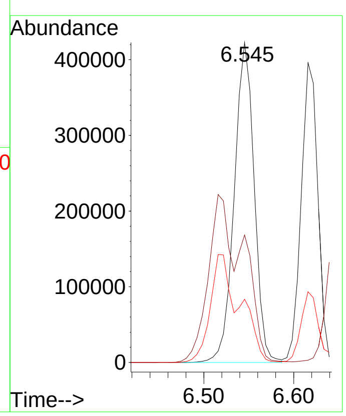




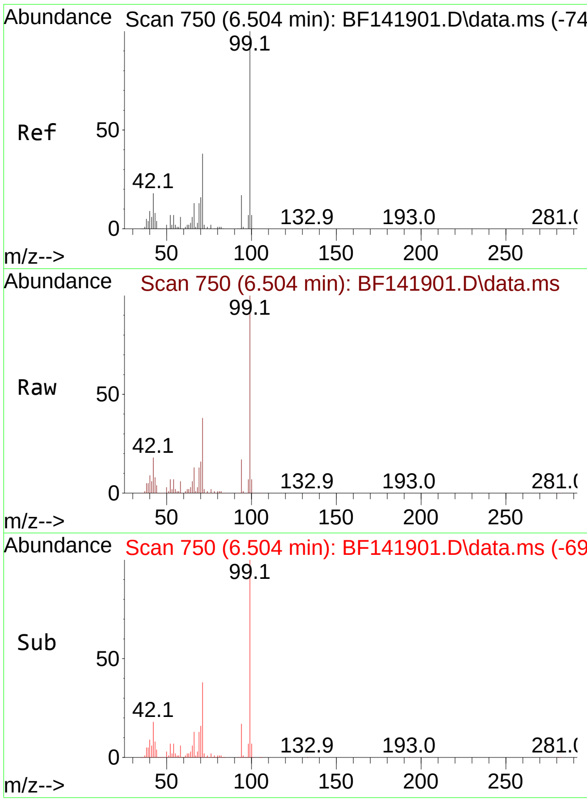
#6
Aniline
Concen: 38.879 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 93 Resp: 653060

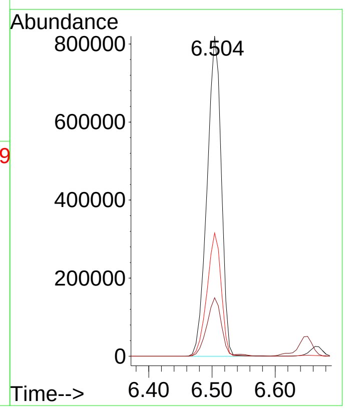
Ion	Ratio	Lower	Upper
93	100		
66	39.9	31.9	47.9
65	19.7	15.8	23.6

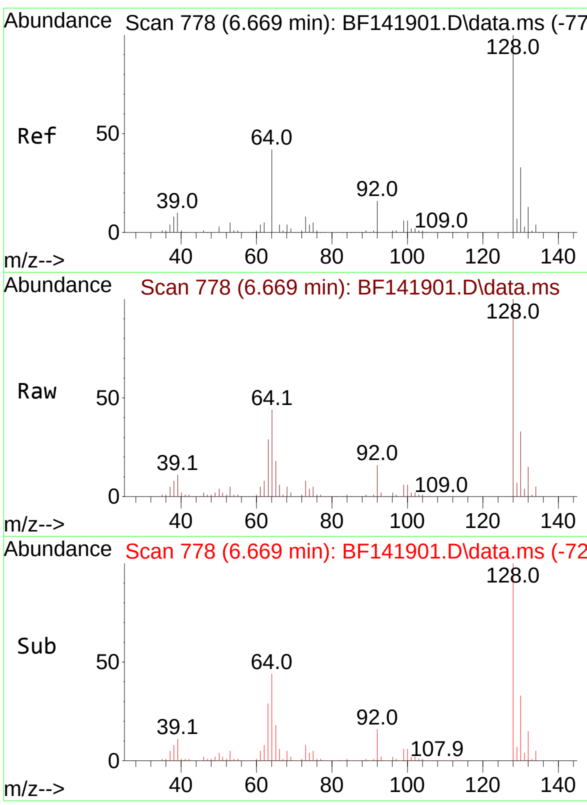


Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

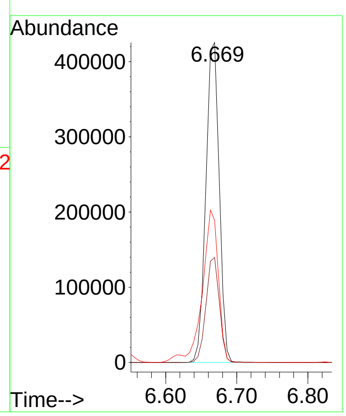



```
#7
Phenol-d6
Concen:   75.580 ng
RT:   6.504 min  Scan# 7
Delta R.T.  0.000 min
Lab File:   BF141901.D
Acq: 10 Mar 2025  12:58

Tgt Ion: 99 Resp: 1285980
Ion  Ratio  Lower  Upper
 99  100
 42   18.2   14.6   21.8
 71   38.5   30.8   46.2
```

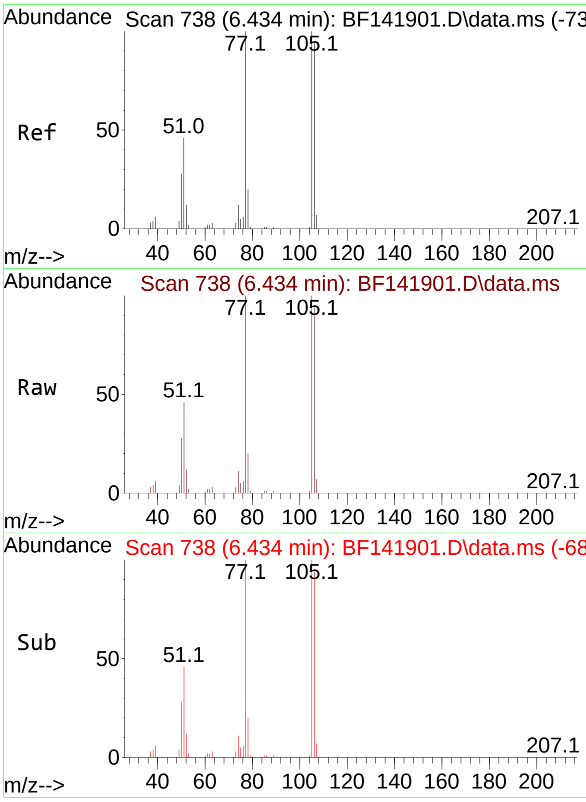





```
#8
2-Chlorophenol
Concen:   37.902 ng
RT:   6.669 min  Scan# 778
Delta R.T.  0.000 min
Lab File:   BF141901.D
Acq: 10 Mar 2025  12:58

Tgt Ion:128 Resp:  561230
Ion  Ratio  Lower  Upper
128  100
130   32.8   12.8   52.8
 64   44.4   24.4   64.4
```



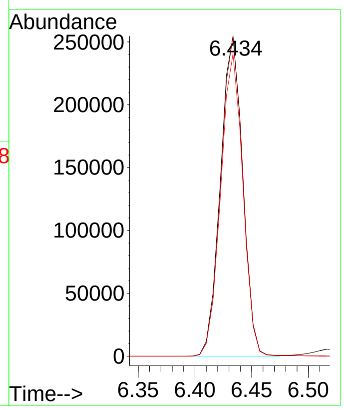
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

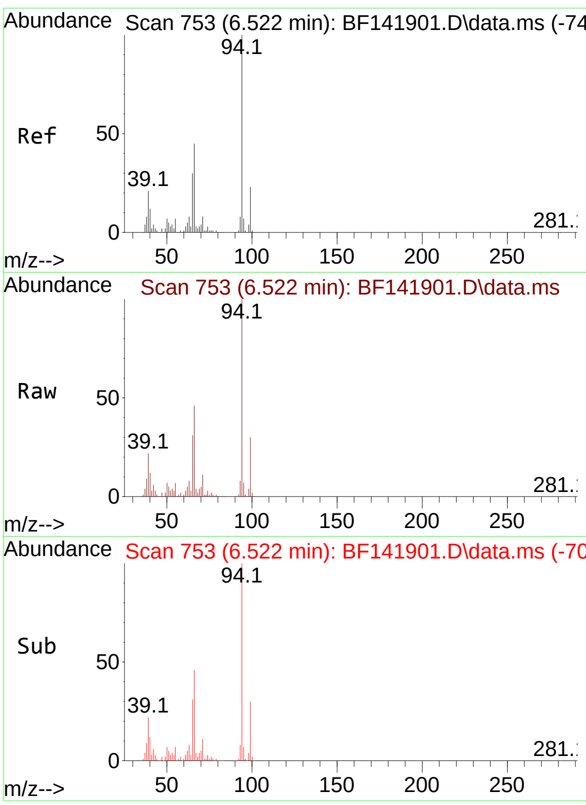


#9
Benzaldehyde
Concen: 36.467 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 77 Resp: 346818

Ion	Ratio	Lower	Upper
77	100		
105	100.0	80.0	120.0
106	94.5	74.5	114.5

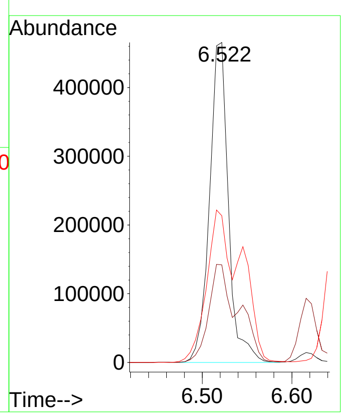




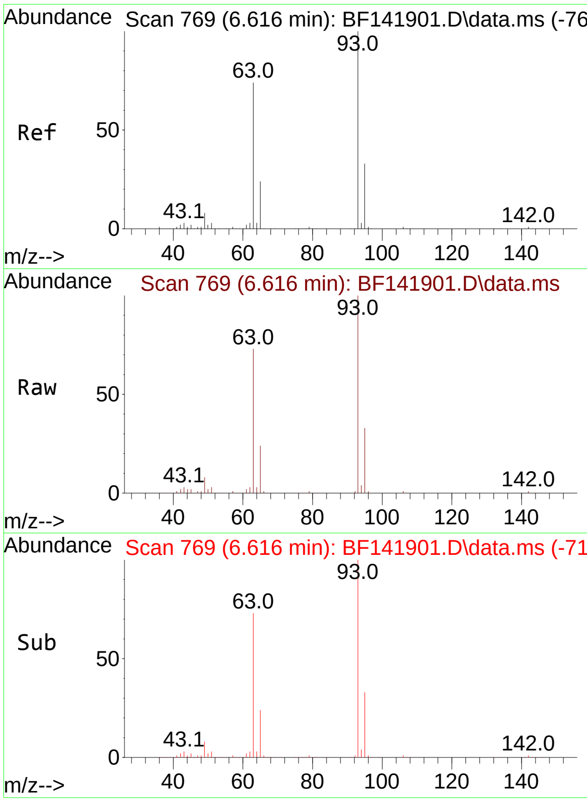
#10
Phenol
Concen: 38.141 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 94 Resp: 684724

Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.5	50.5
66	45.8	25.8	65.8



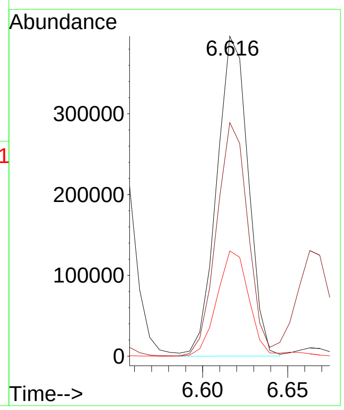
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

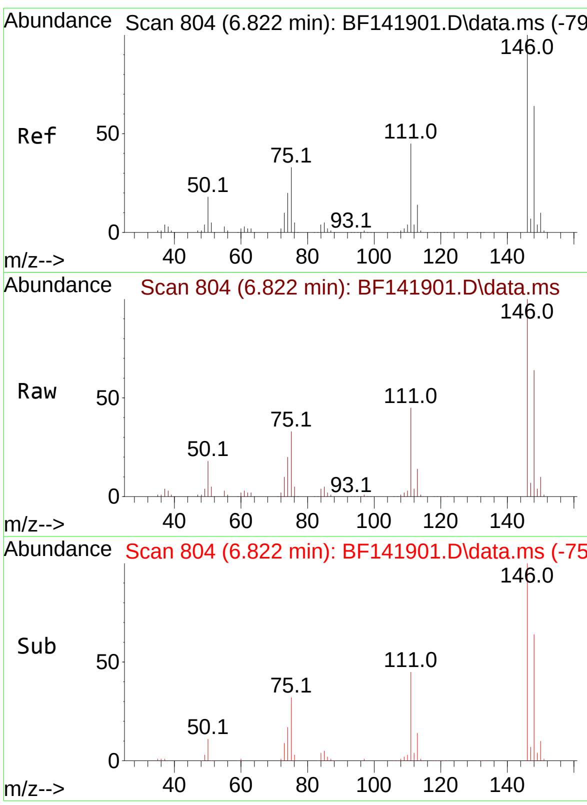


#11
bis(2-Chloroethyl)ether
Concen: 37.932 ng
RT: 6.616 min Scan# 7(
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 93 Resp: 510214

Ion	Ratio	Lower	Upper
93	100		
63	73.0	53.0	93.0
95	32.9	12.9	52.9

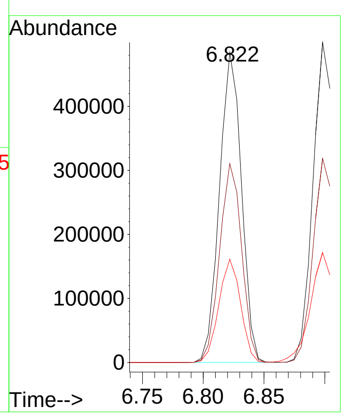




#12
1,3-Dichlorobenzene
Concen: 38.242 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

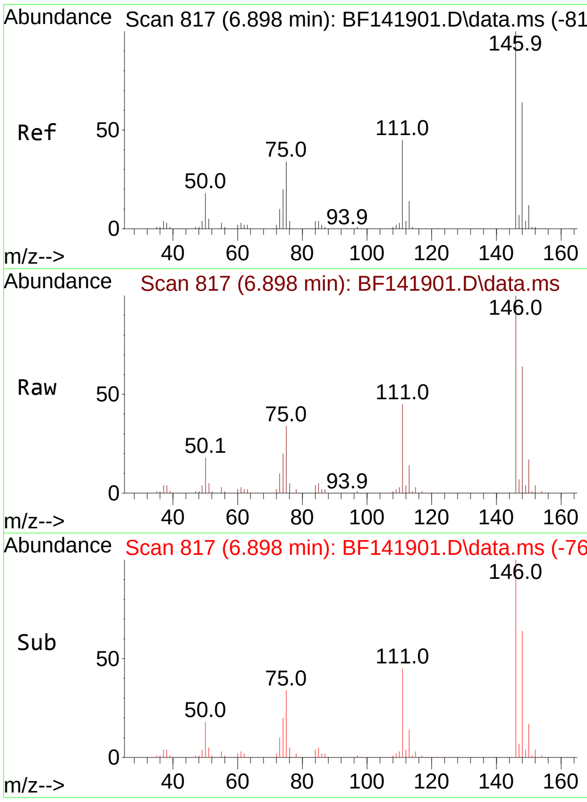
Tgt Ion:146 Resp: 611938

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	33.3	26.6	40.0



ICAL Form

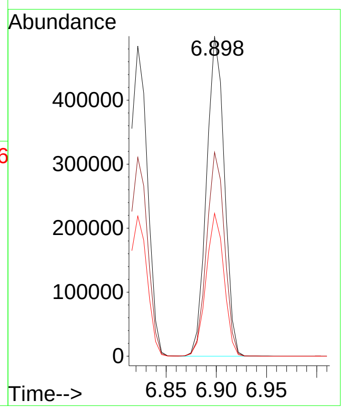
Instrument : BNA_F
ClientSampleId : SSTDICCC040

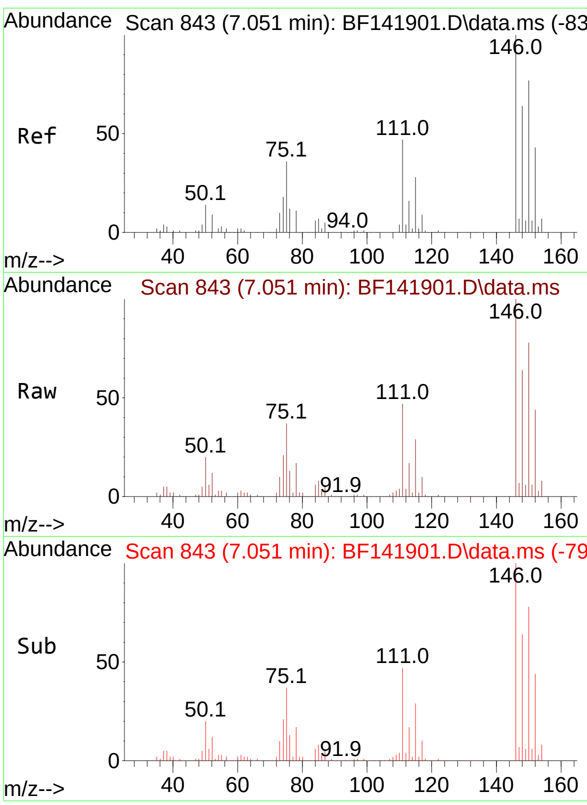


#13
1,4-Dichlorobenzene
Concen: 38.355 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:146 Resp: 620951

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	44.6	35.7	53.5

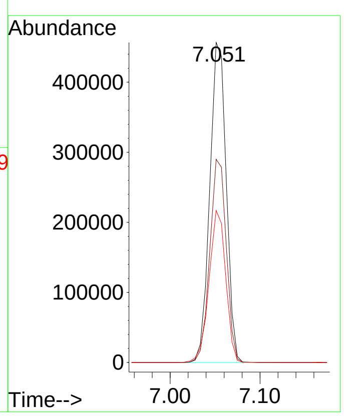




#14
1,2-Dichlorobenzene
Concen: 38.111 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

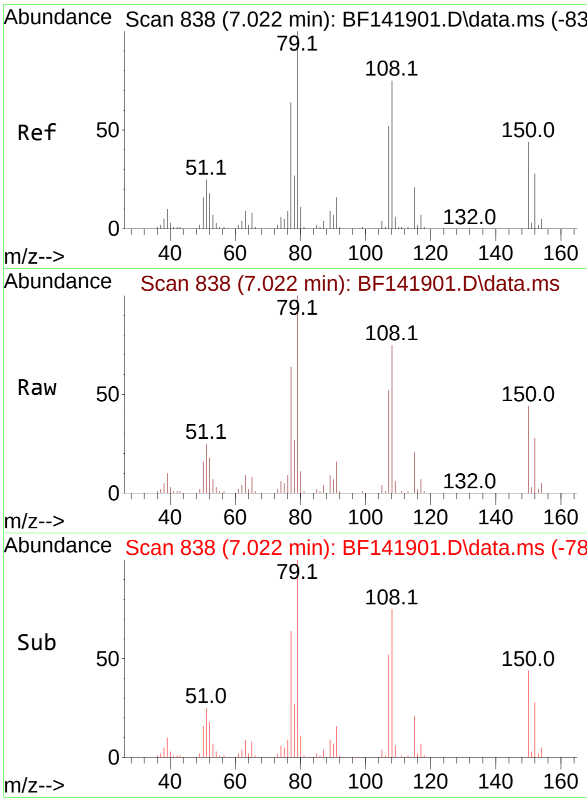
Tgt Ion:146 Resp: 581043

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	47.5	38.0	57.0



ICAL Form

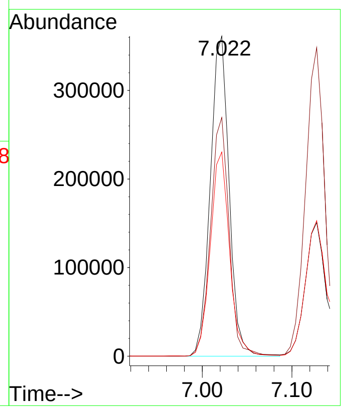
Instrument : BNA_F
ClientSampleId : SSTDICCC040

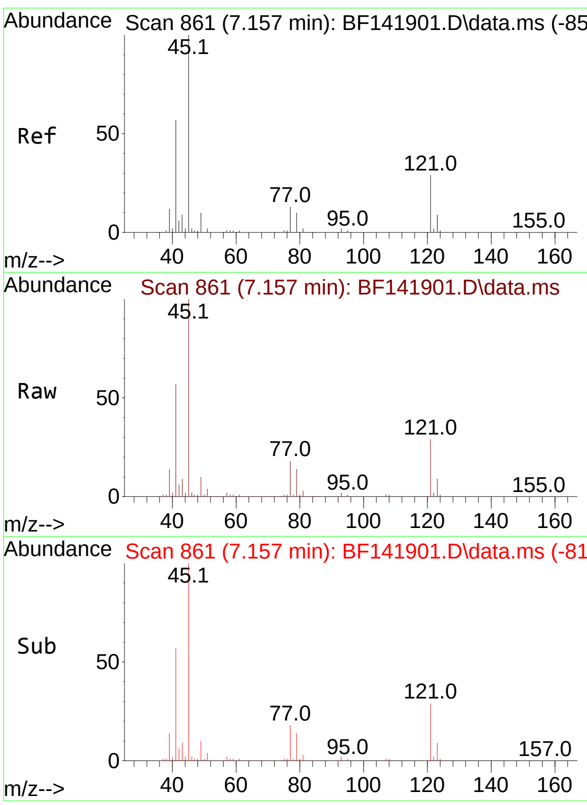


#15
Benzyl Alcohol
Concen: 38.371 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 79 Resp: 528444

Ion	Ratio	Lower	Upper
79	100		
108	74.6	59.7	89.5
77	63.8	51.0	76.6

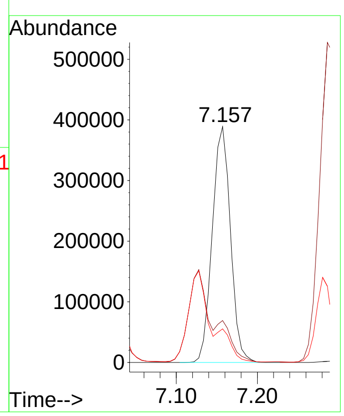




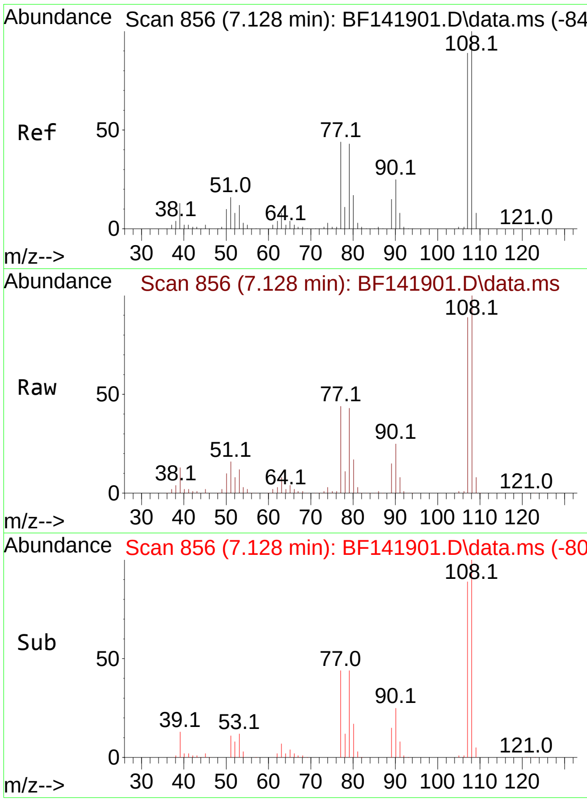
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.476 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 45 Resp: 607522

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.8
79	14.2	0.0	34.2



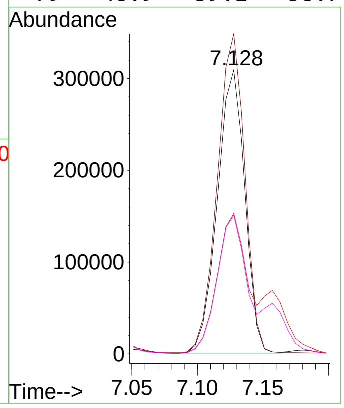
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

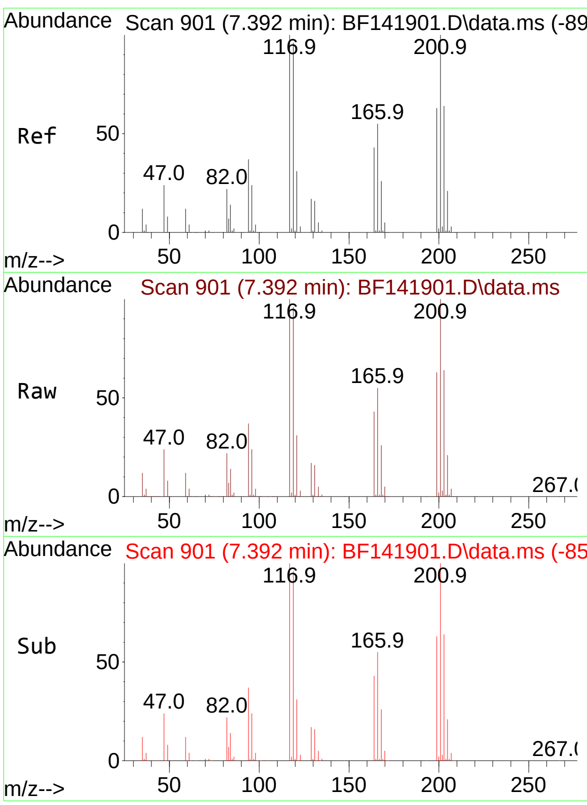


#17
2-Methylphenol
Concen: 38.190 ng
RT: 7.128 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:107 Resp: 449433

Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.2
77	49.5	39.6	59.4
79	48.9	39.1	58.7

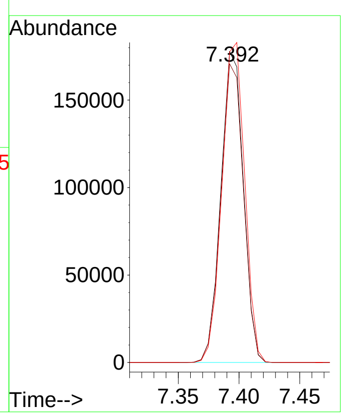




#18
Hexachloroethane
Concen: 37.993 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

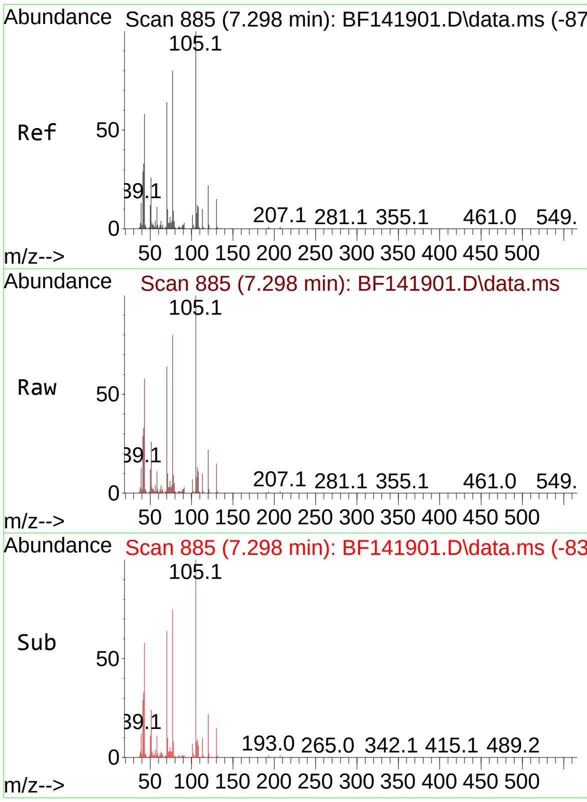
Tgt Ion:117 Resp: 230613

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
201	99.9	79.9	119.9



ICAL Form

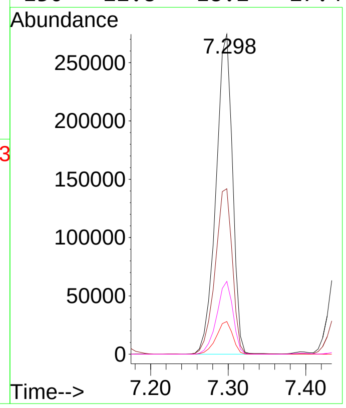
Instrument : BNA_F
ClientSampleId : SSTDICCC040

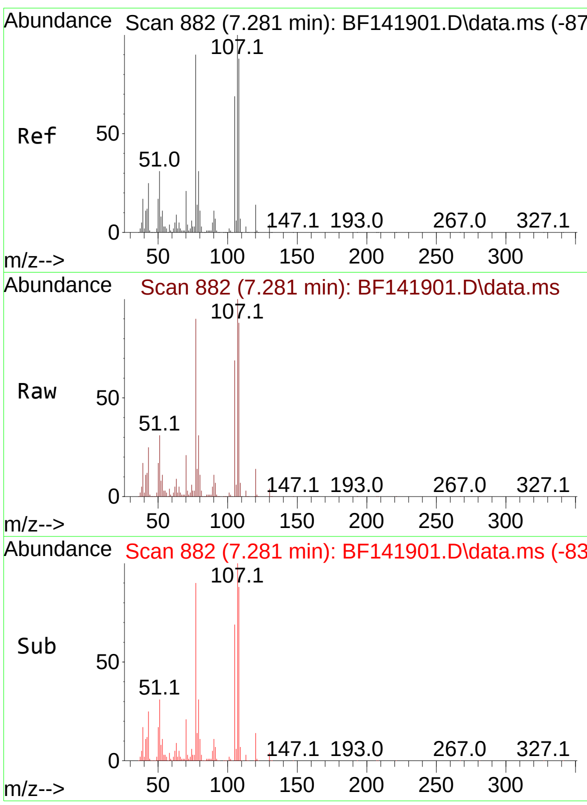


#19
n-Nitroso-di-n-propylamine
Concen: 37.223 ng
RT: 7.298 min Scan# 88
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 70 Resp: 407069

Ion	Ratio	Lower	Upper
70	100		
42	51.7	41.4	62.0
101	10.2	8.2	12.2
130	22.8	18.2	27.4

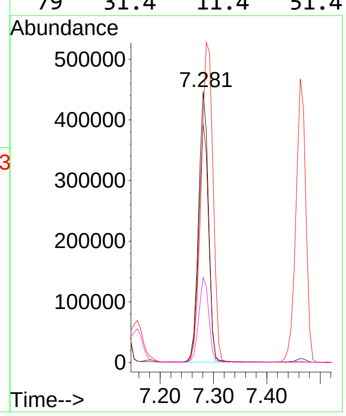




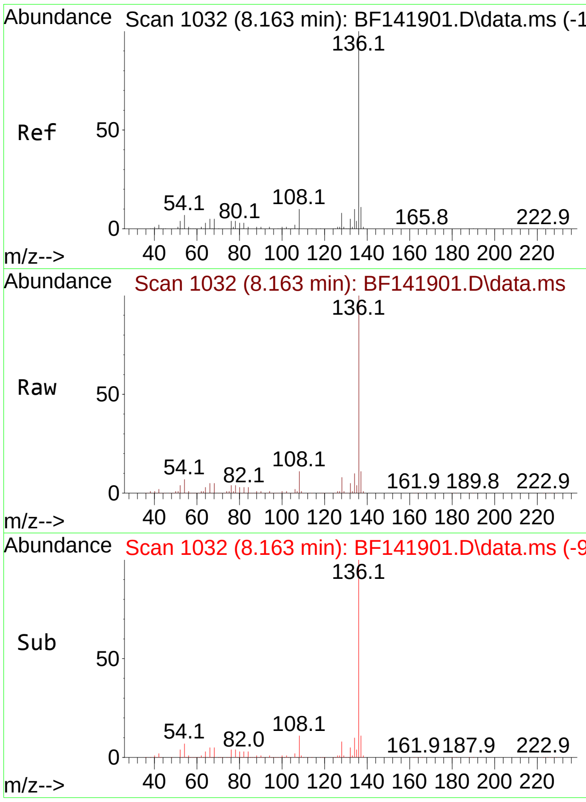
#20
3+4-Methylphenols
Concen: 38.219 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:107 Resp: 576902

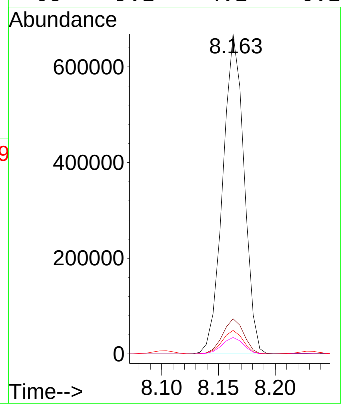
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.4	108.4
77	89.7	69.7	109.7
79	31.4	11.4	51.4

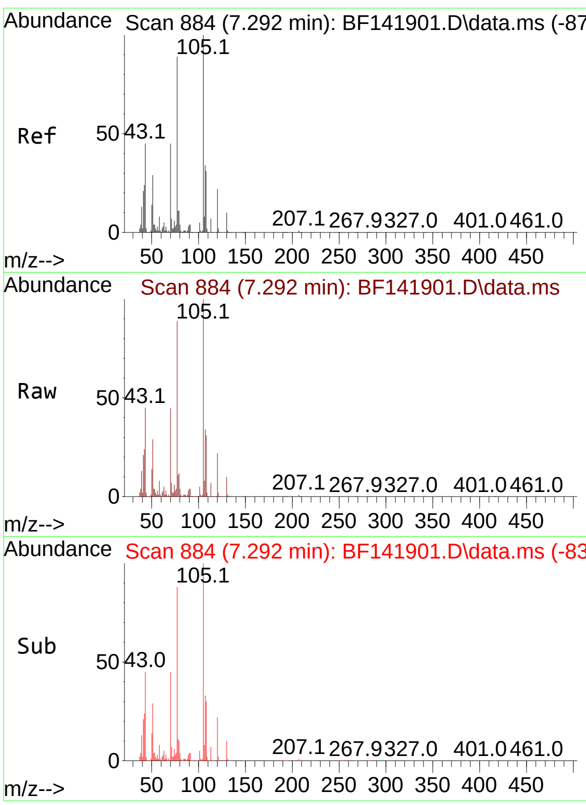


Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

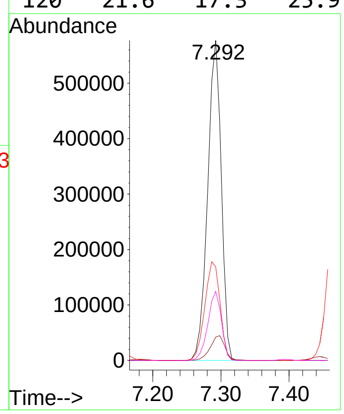



```
#21
Naphthalene-d8
Concen:   20.000 ng
RT:   8.163 min   Scan# 1
Delta R.T.   -0.000 min
Lab File:    BF141901.D
Acq: 10 Mar 2025   12:58

Tgt Ion:136 Resp:   874166
Ion  Ratio  Lower  Upper
136  100
137   11.0    8.8   13.2
 54    7.3    5.8    8.8
 68    5.1    4.1    6.1
```



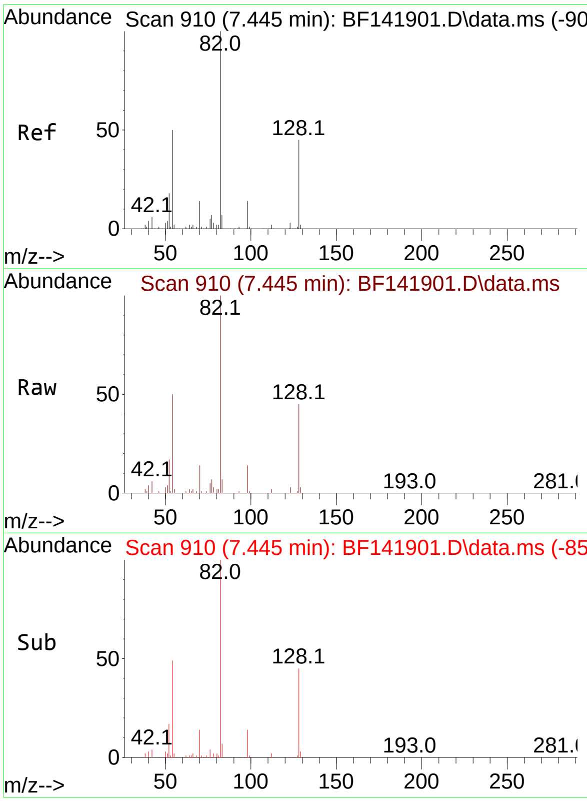



```
#22
Acetophenone
Concen:   38.376 ng
RT:   7.292 min   Scan# 884
Delta R.T.   0.000 min
Lab File:    BF141901.D
Acq: 10 Mar 2025   12:58

Tgt Ion:105 Resp:   804747
Ion  Ratio  Lower  Upper
105  100
 71    7.3    5.8    8.8
 51   29.2   23.4   35.0
120   21.6   17.3   25.9
```



ICAL Form

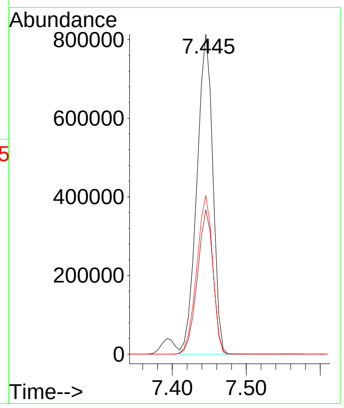
Instrument : BNA_F
ClientSampleId : SSTDICCC040

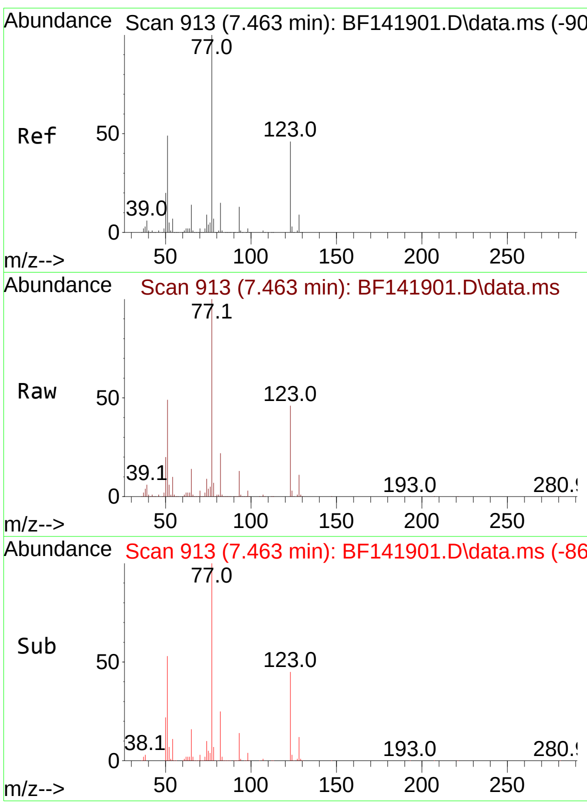


#23
Nitrobenzene-d5
Concen: 77.983 ng
RT: 7.445 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 82 Resp: 1216280

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.0	54.0
54	49.5	39.6	59.4

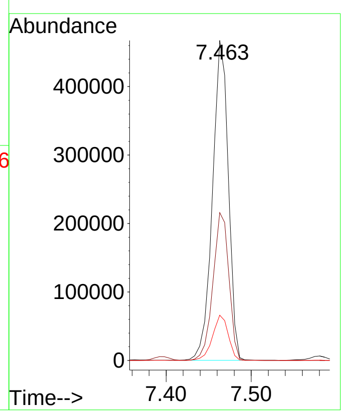




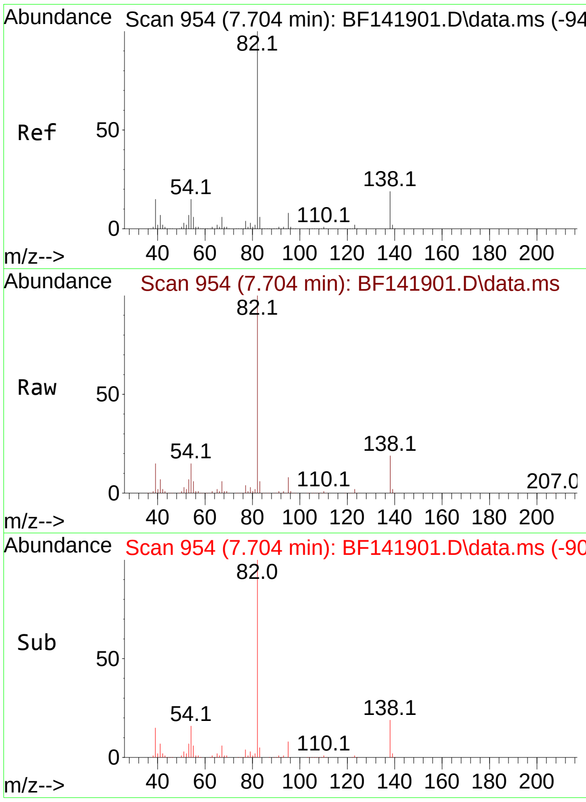
#24
Nitrobenzene
Concen: 39.106 ng
RT: 7.463 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 77 Resp: 604738

Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.0	55.4
65	14.1	11.3	16.9



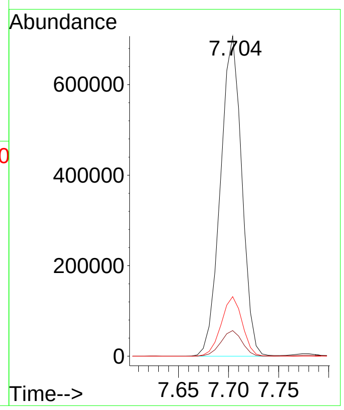
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

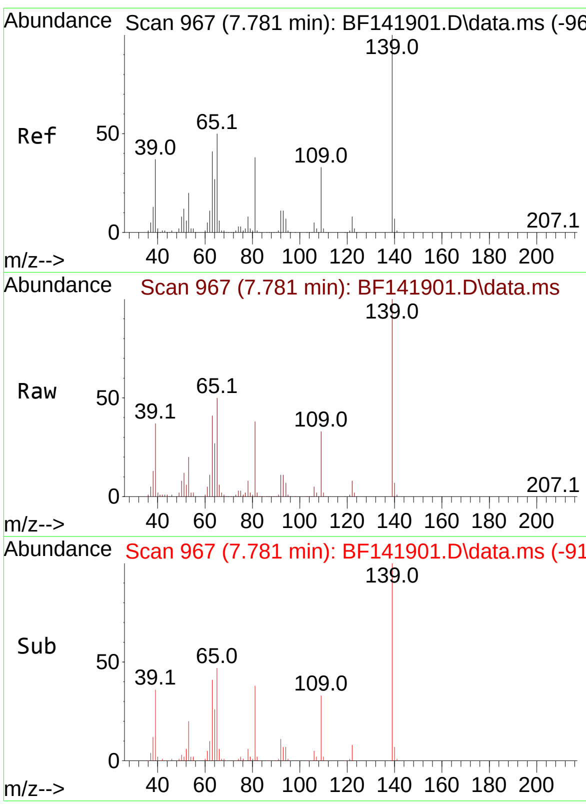


#25
Isophorone
Concen: 38.097 ng
RT: 7.704 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 82 Resp: 1049049

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.4	9.6
138	18.6	14.9	22.3

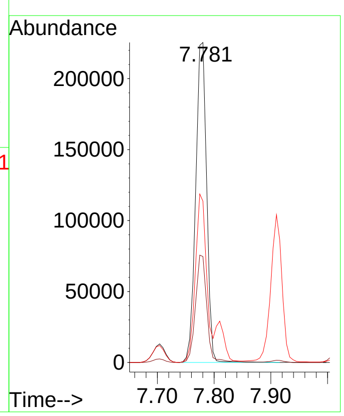




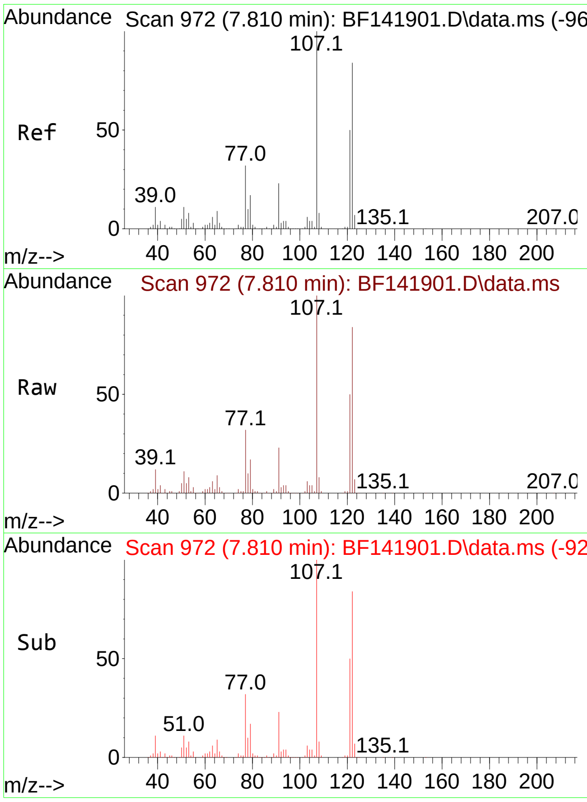
#26
2-Nitrophenol
Concen: 40.295 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:139 Resp: 305349

Ion	Ratio	Lower	Upper
139	100		
109	33.1	26.5	39.7
65	50.4	40.3	60.5



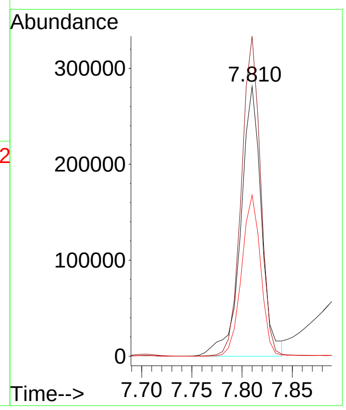
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

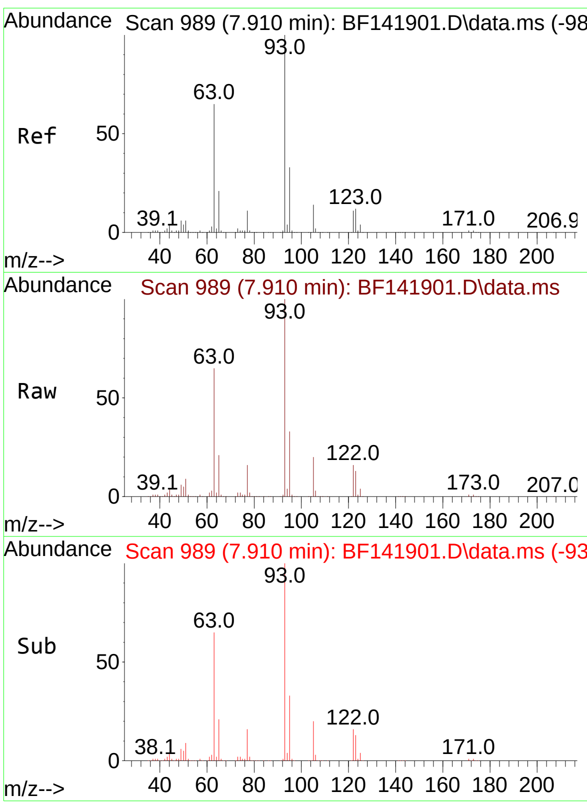


#27
2,4-Dimethylphenol
Concen: 38.671 ng
RT: 7.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:122 Resp: 403621

Ion	Ratio	Lower	Upper
122	100		
107	118.5	94.8	142.2
121	59.7	47.8	71.6

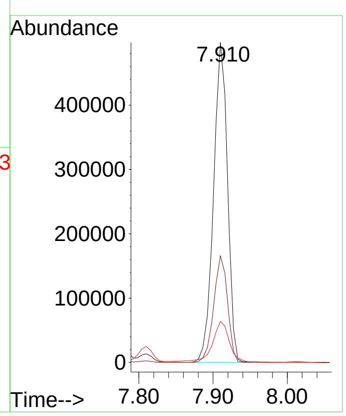




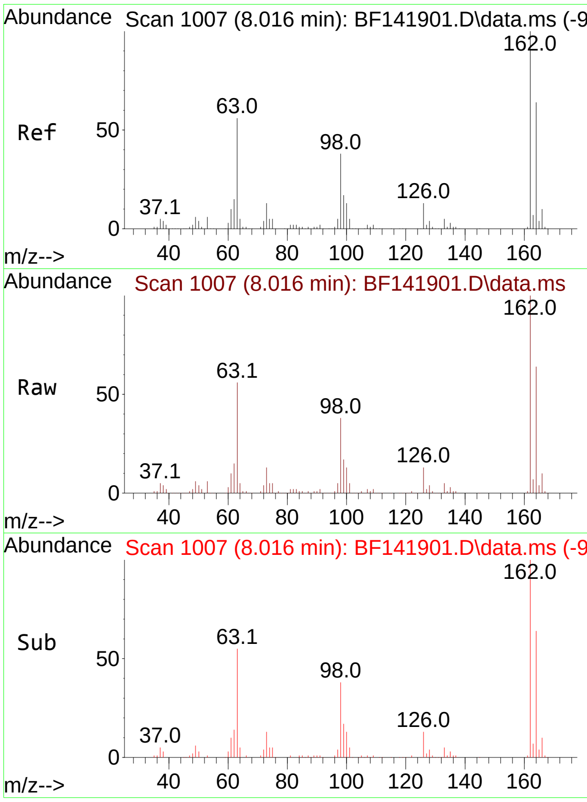
#28
bis(2-Chloroethoxy)methane
Concen: 37.702 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 93 Resp: 650344

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	40.0
123	12.8	10.2	15.4



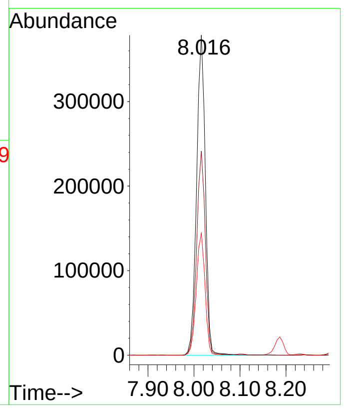
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

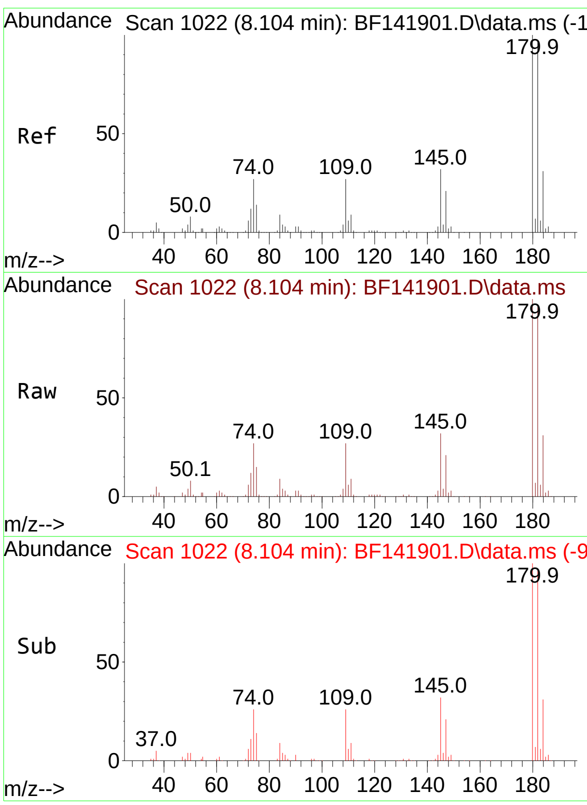


#29
2,4-Dichlorophenol
Concen: 38.619 ng
RT: 8.016 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:162 Resp: 500239

Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.8	83.8
98	38.1	18.1	58.1

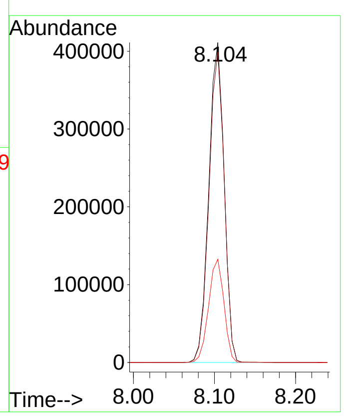


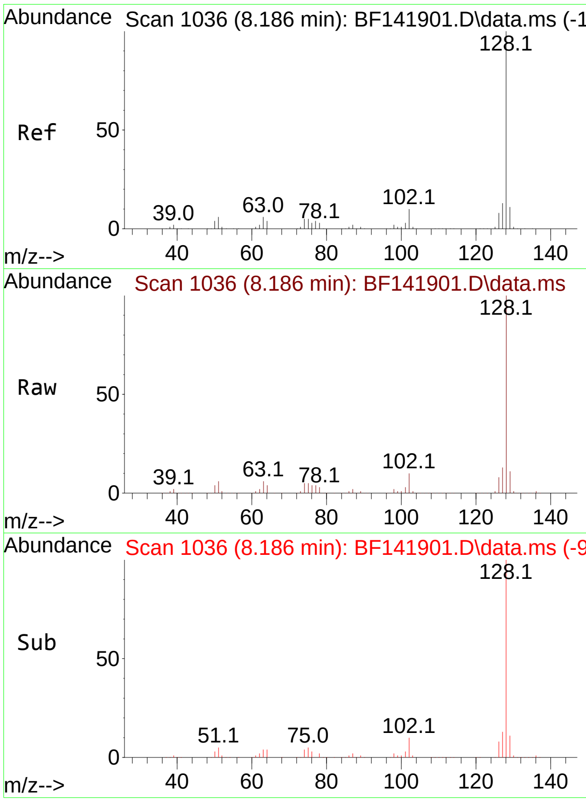


#30
1,2,4-Trichlorobenzene
Concen: 37.870 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:180 Resp: 541182

Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.5	116.3
145	32.2	25.8	38.6



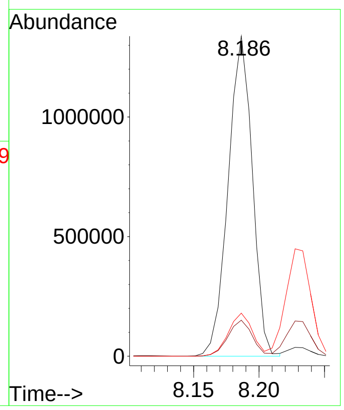


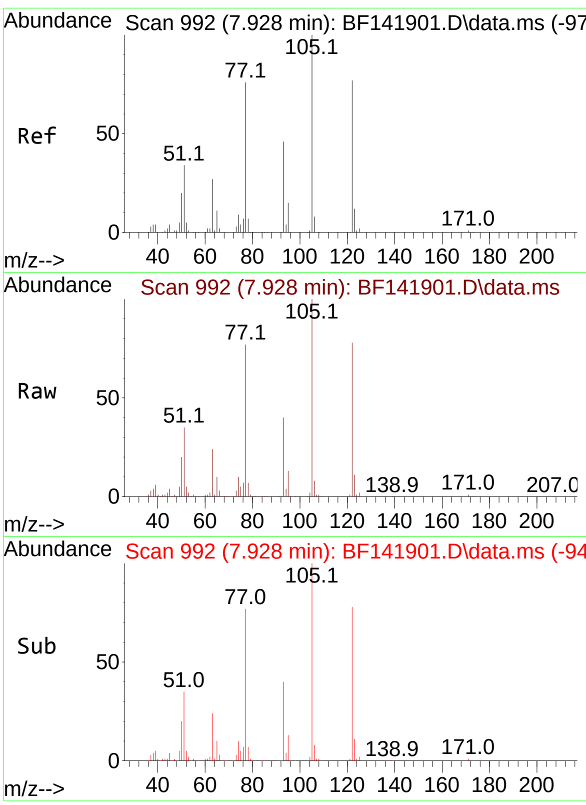
#31
Naphthalene
Concen: 38.400 ng
RT: 8.186 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025   12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1719643

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.5	10.8	16.2

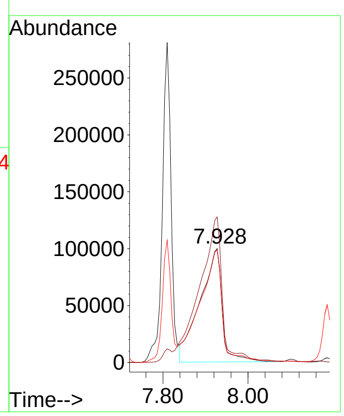




#32
Benzoic acid
Concen: 39.827 ng
RT: 7.928 min   Scan# 992
Delta R.T.   -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025   12:58

Tgt Ion:122 Resp: 363328

Ion	Ratio	Lower	Upper
122	100		
105	127.9	107.9	147.9
77	99.0	79.0	119.0



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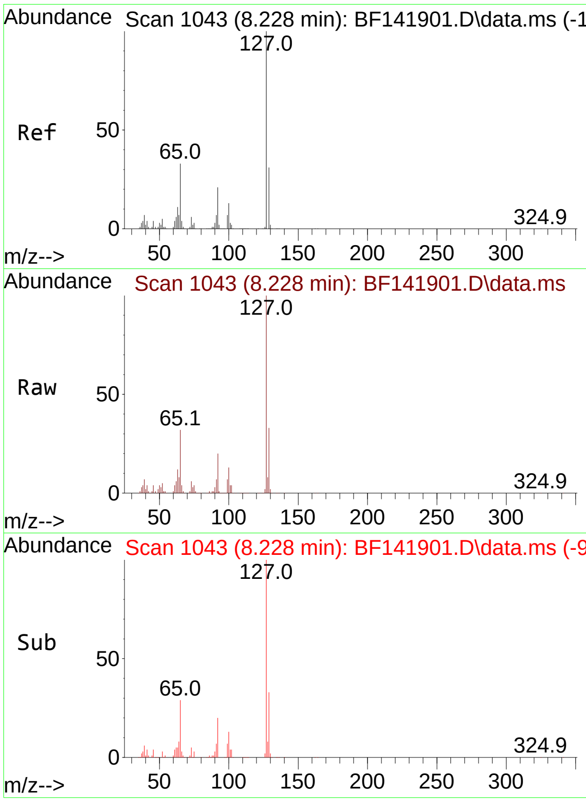
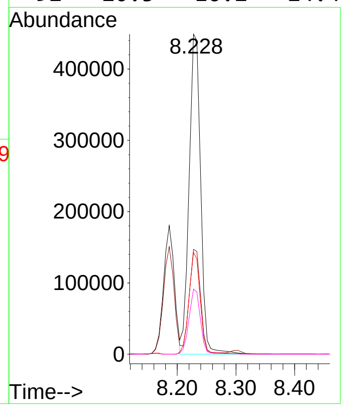


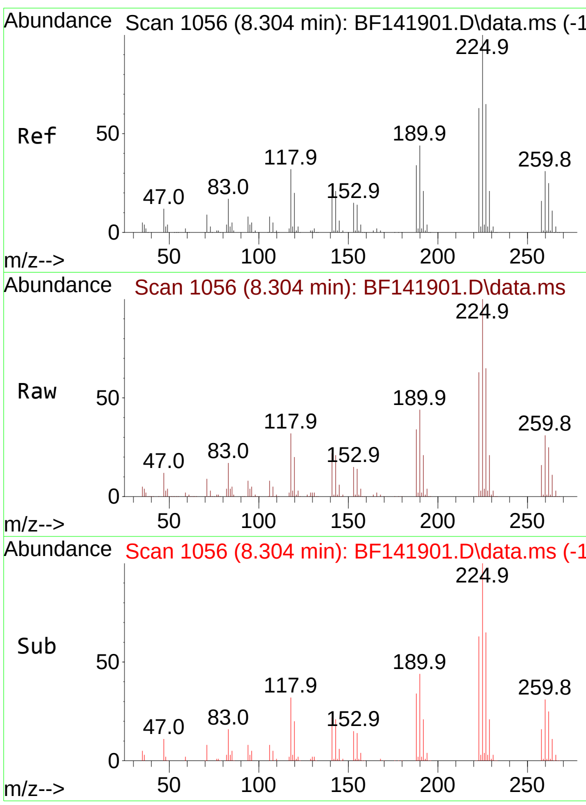
#33
4-Chloroaniline
Concen: 38.824 ng
RT: 8.228 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 613535

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	31.8	25.4	38.2
92	20.3	16.2	24.4

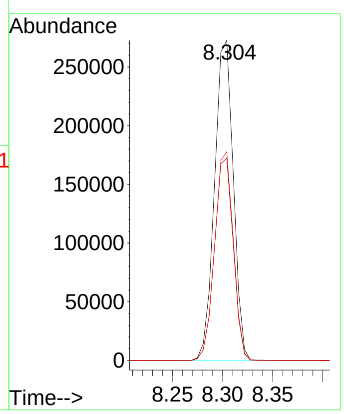




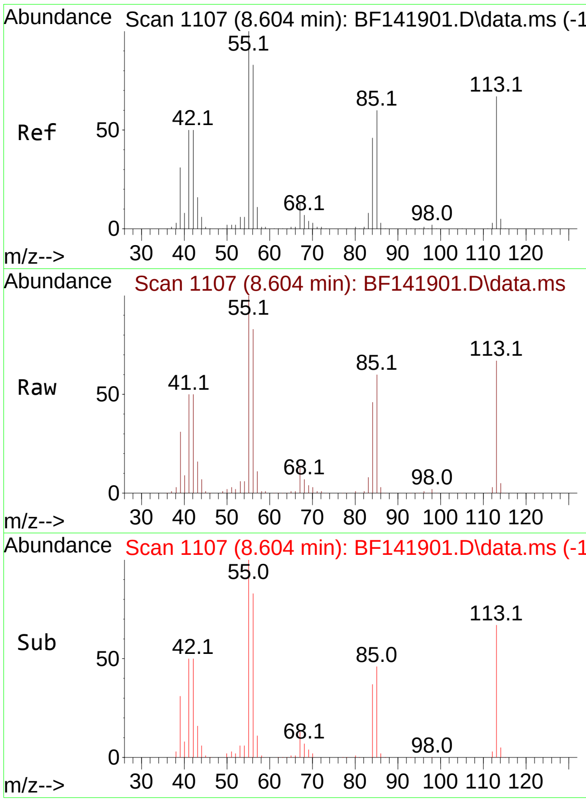
#34
Hexachlorobutadiene
Concen: 38.285 ng
RT: 8.304 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:225 Resp: 355740

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	65.2	52.2	78.2



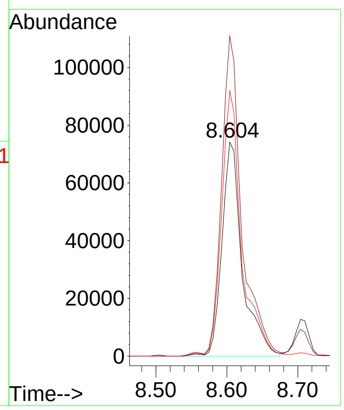
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

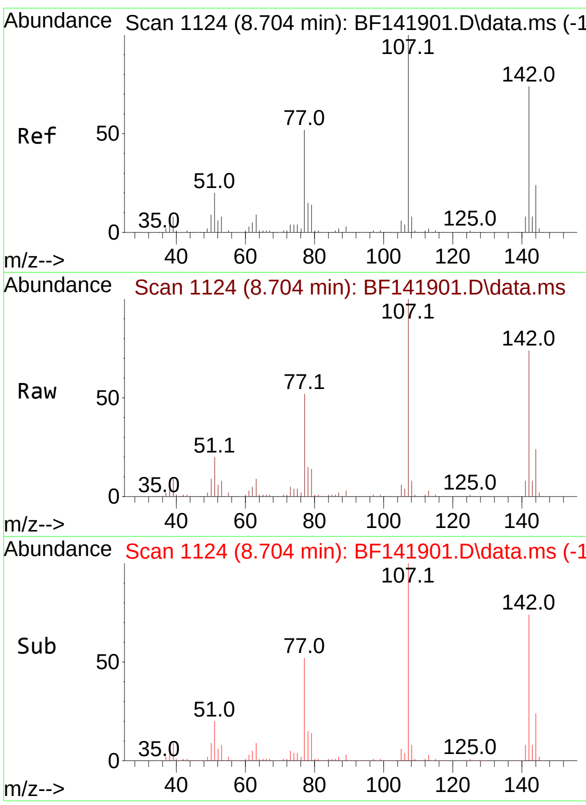


#35
Caprolactam
Concen: 37.335 ng
RT: 8.604 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025   12:58

Tgt Ion:113 Resp: 147056

Ion	Ratio	Lower	Upper
113	100		
55	149.6	129.6	169.6
56	124.0	104.0	144.0

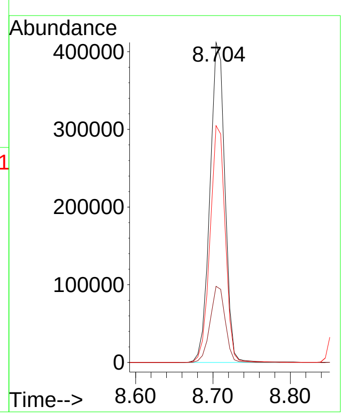




#36
4-Chloro-3-methylphenol
Concen: 38.549 ng
RT: 8.704 min   Scan# 1124
Delta R.T.   0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025   12:58

Tgt Ion:107 Resp: 555328

Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.0	28.6
142	74.0	59.2	88.8



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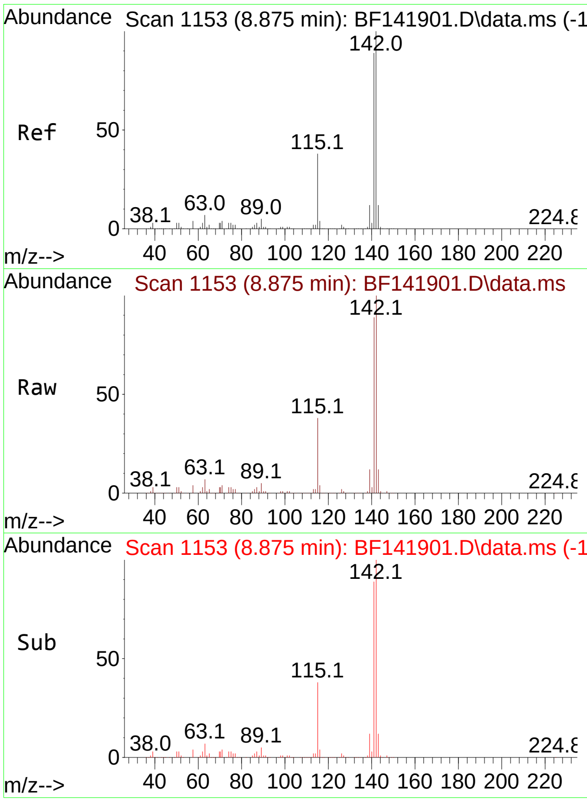
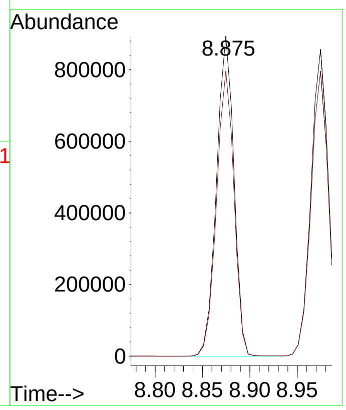
Instrument : BNA_F
ClientSampleId : SSTDICCC040

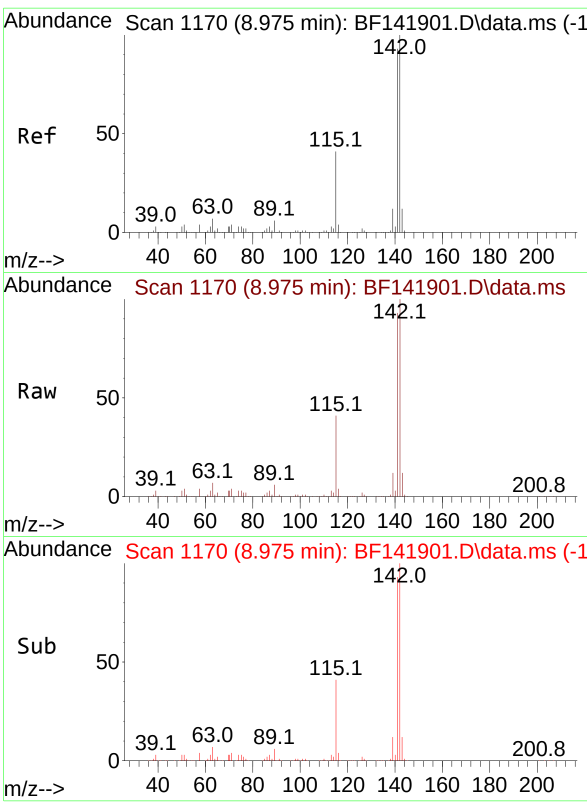


#37
2-Methylnaphthalene
Concen: 37.983 ng
RT: 8.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:142 Resp: 1141228

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8

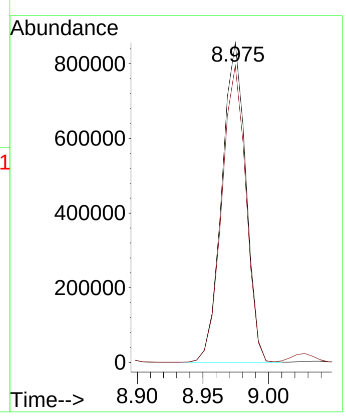




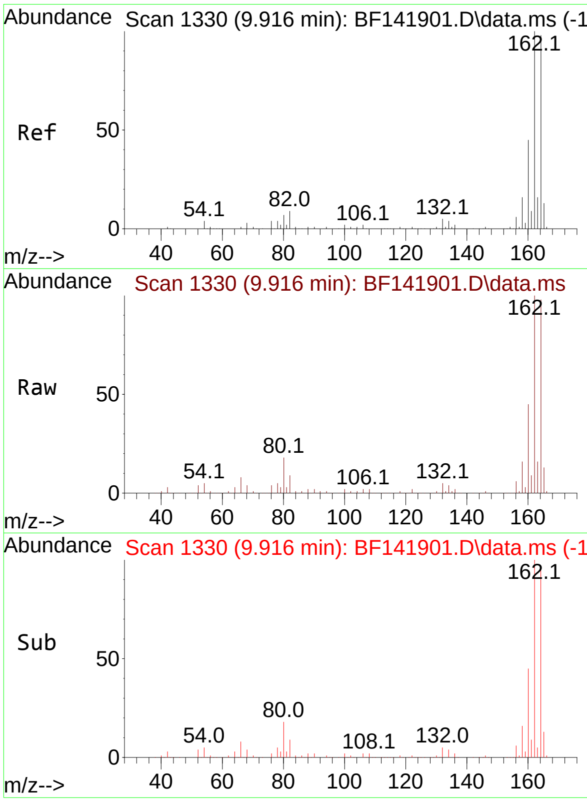
#38
1-Methylnaphthalene
Concen: 37.447 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:142 Resp: 1089576

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.4



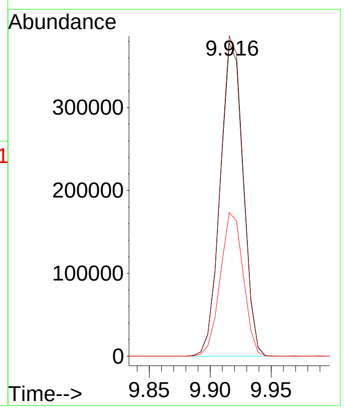
Instrument : BNA_F
ClientSampleId : SSTDICCC040

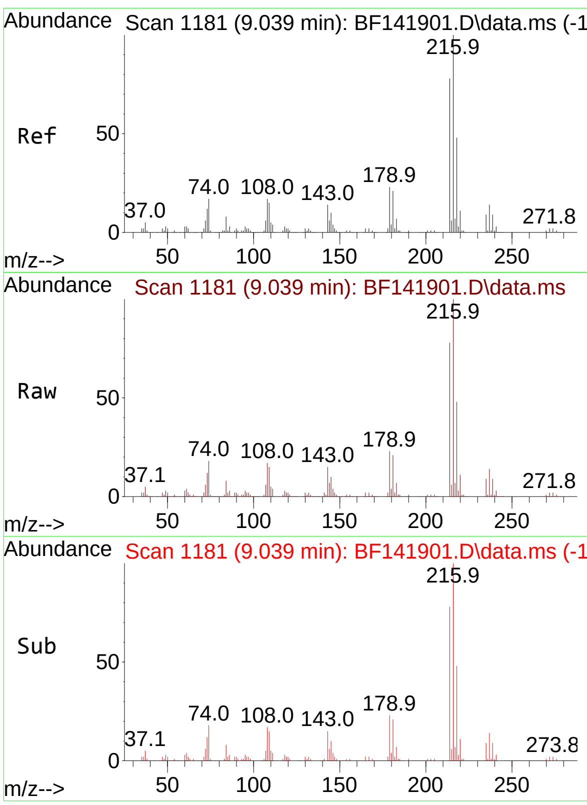


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:164 Resp: 493744

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	45.9	36.7	55.1

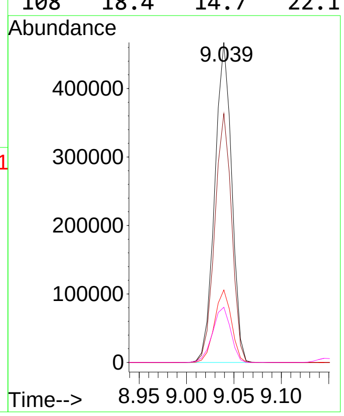




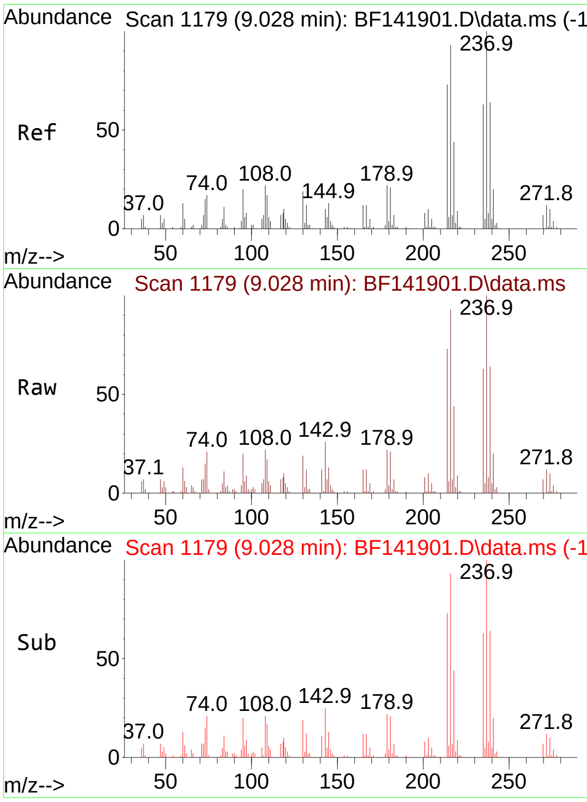
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.814 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:216 Resp: 584322

Ion	Ratio	Lower	Upper
216	100		
214	77.4	61.9	92.9
179	22.6	18.1	27.1
108	18.4	14.7	22.1



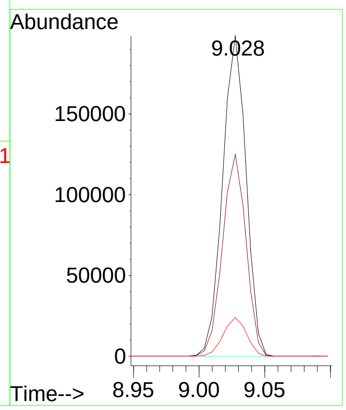
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

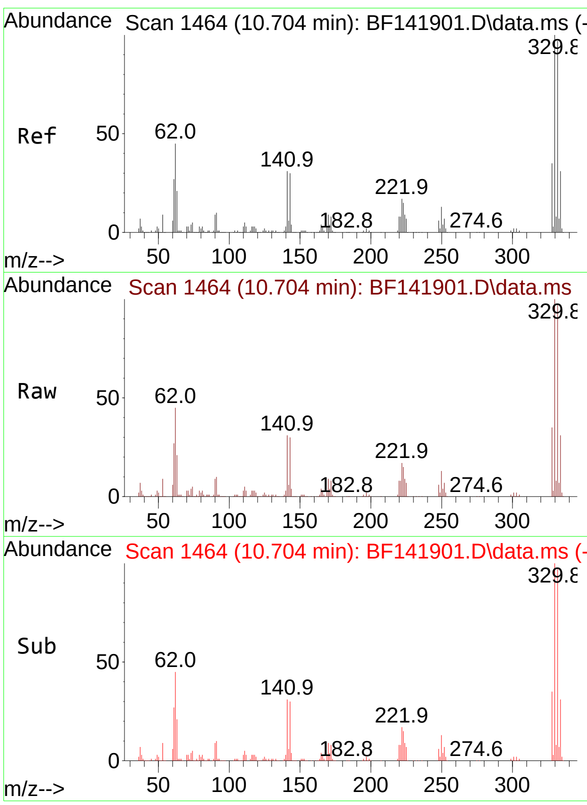


#41
Hexachlorocyclopentadiene
Concen: 41.523 ng
RT: 9.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:237 Resp: 246666

Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.1	83.1
272	12.0	0.0	32.0

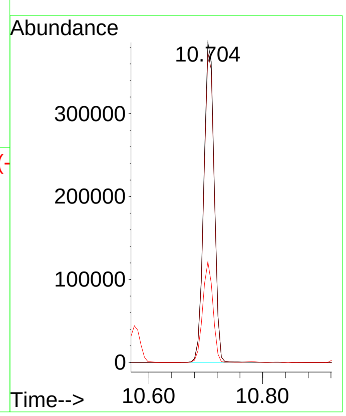




#42
2,4,6-Tribromophenol
Concen: 78.949 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:330 Resp: 493945

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	30.9	24.7	37.1



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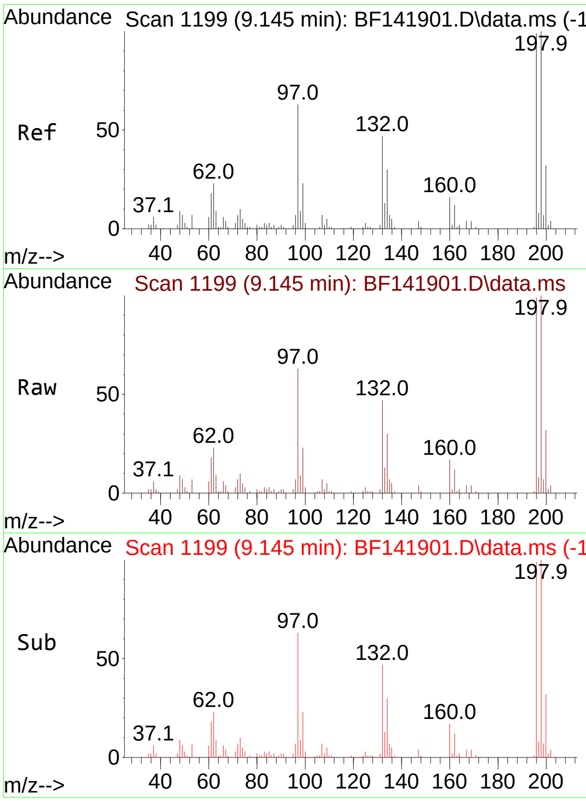
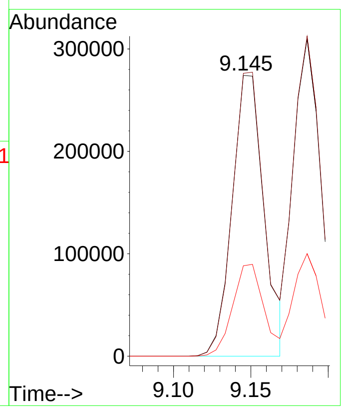
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

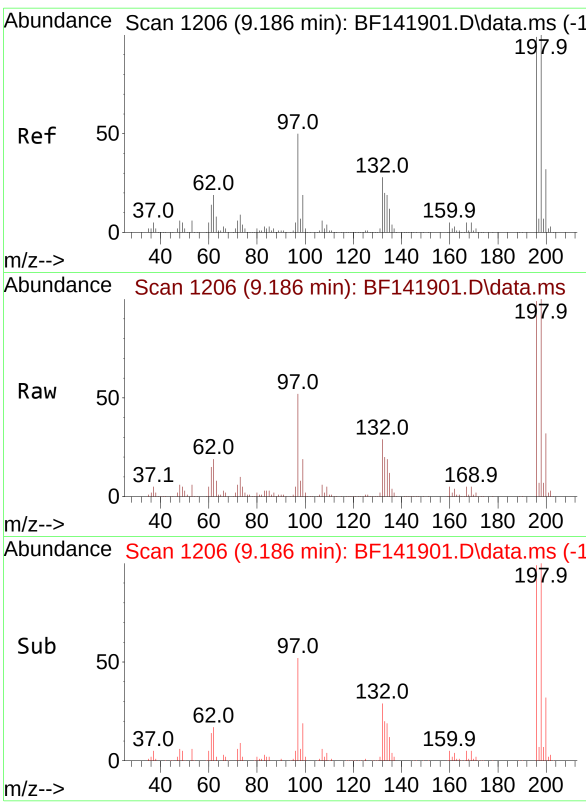


#43
2,4,6-Trichlorophenol
Concen: 40.014 ng
RT: 9.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:196 Resp: 392696

Ion	Ratio	Lower	Upper
196	100		
198	100.8	80.6	121.0
200	32.2	25.8	38.6

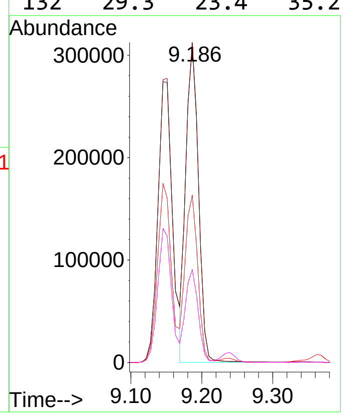




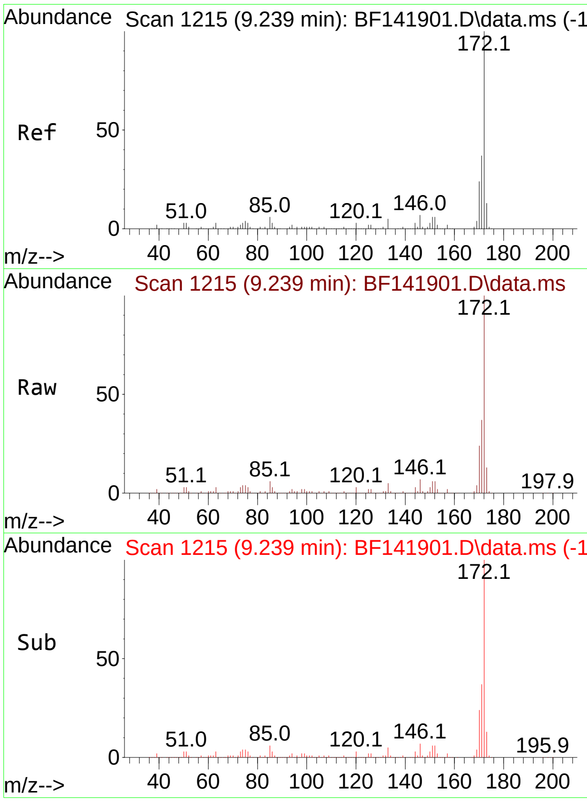
#44
2,4,5-Trichlorophenol
Concen: 38.566 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:196 Resp: 384539

Ion	Ratio	Lower	Upper
196	100		
198	100.9	80.7	121.1
97	52.6	42.1	63.1
132	29.3	23.4	35.2



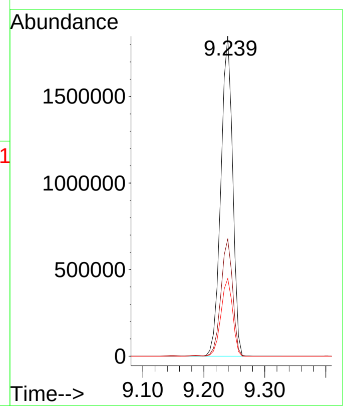
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

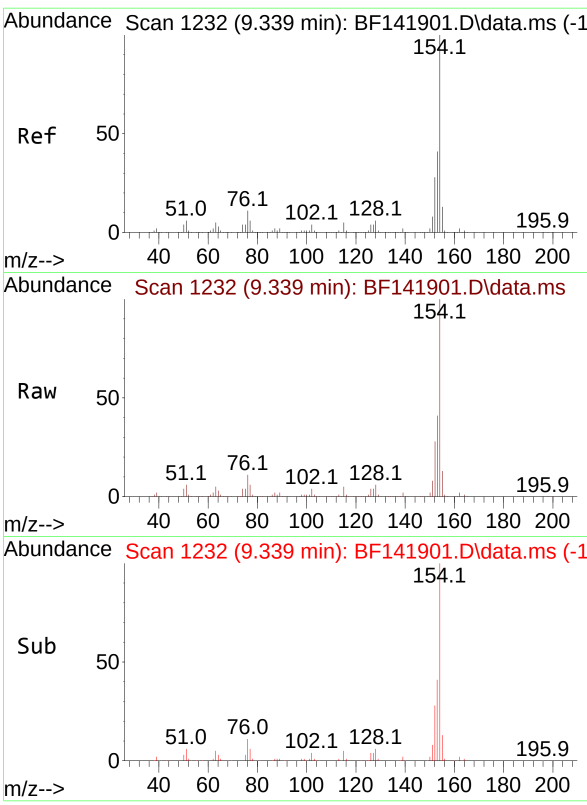


#45
2-Fluorobiphenyl
Concen: 76.357 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:172 Resp: 2475837

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.3	43.9
170	24.2	19.4	29.0

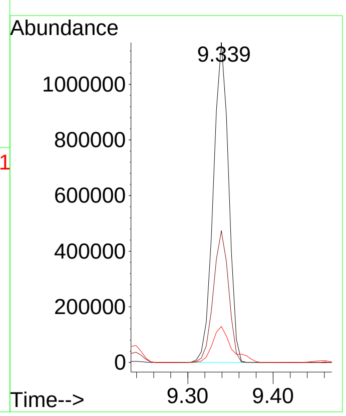




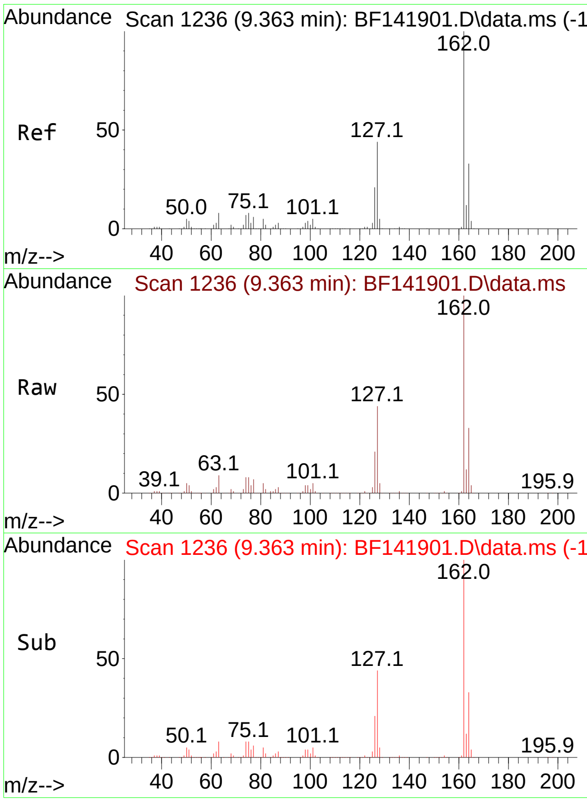
#46
1,1'-Biphenyl
Concen: 38.362 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:154 Resp: 1436040

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.1	61.1
76	11.3	0.0	31.3



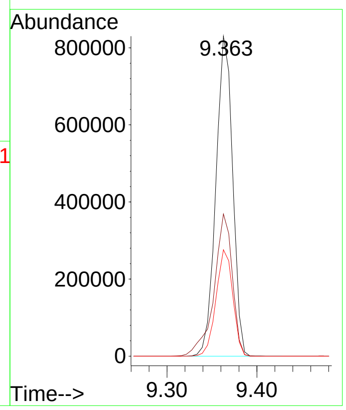
Instrument : BNA_F
ClientSampleId : SSTDICCC040

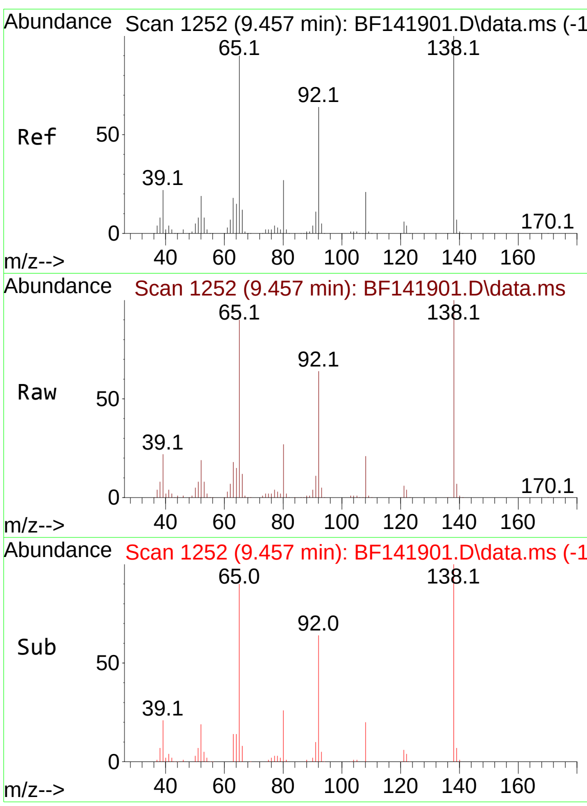


#47
2-Chloronaphthalene
Concen: 38.609 ng
RT: 9.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:162 Resp: 1077099

Ion	Ratio	Lower	Upper
162	100		
127	44.4	35.5	53.3
164	33.3	26.6	40.0

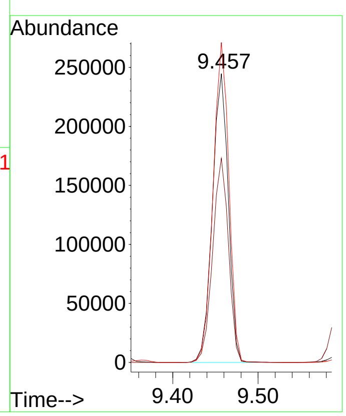




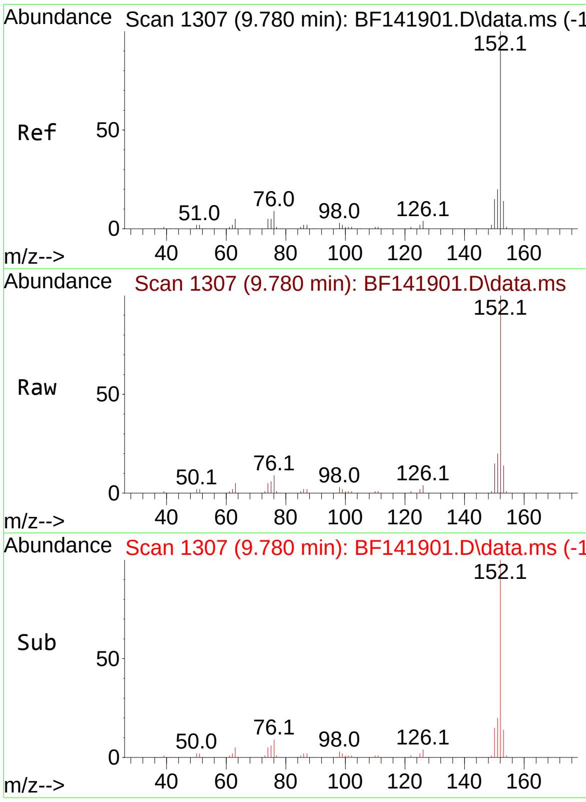
#48
2-Nitroaniline
Concen: 39.690 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 65 Resp: 318068

Ion	Ratio	Lower	Upper
65	100		
92	70.7	56.6	84.8
138	110.8	88.6	133.0



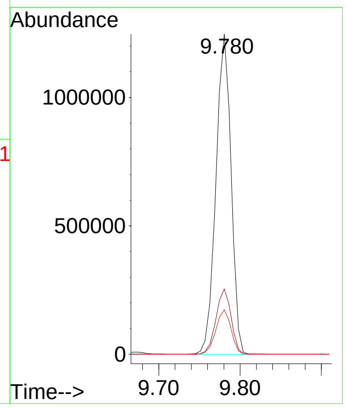
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

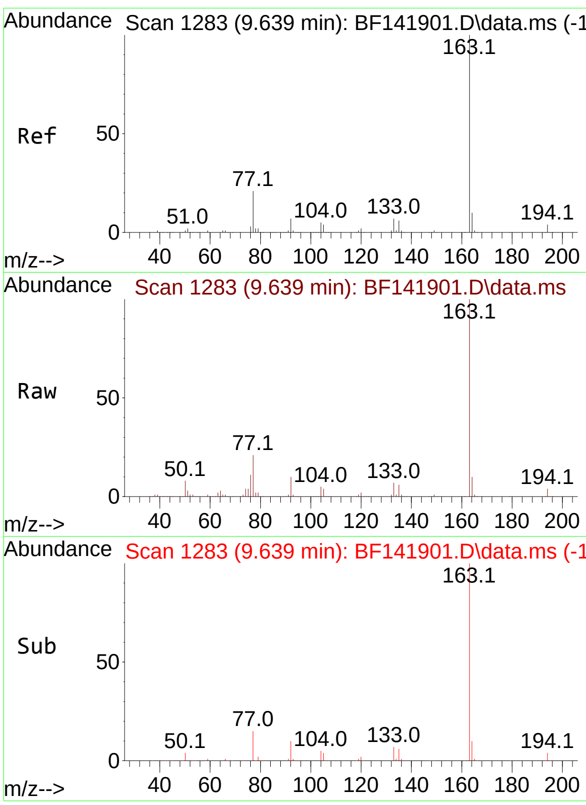


#49
Acenaphthylene
Concen: 39.029 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:152 Resp: 1614250

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.9	11.1	16.7

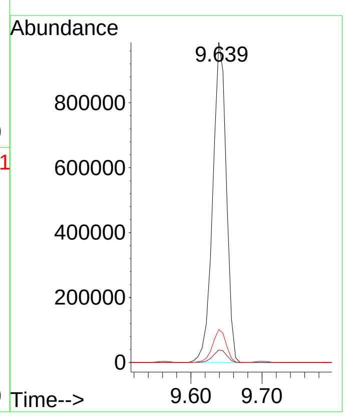




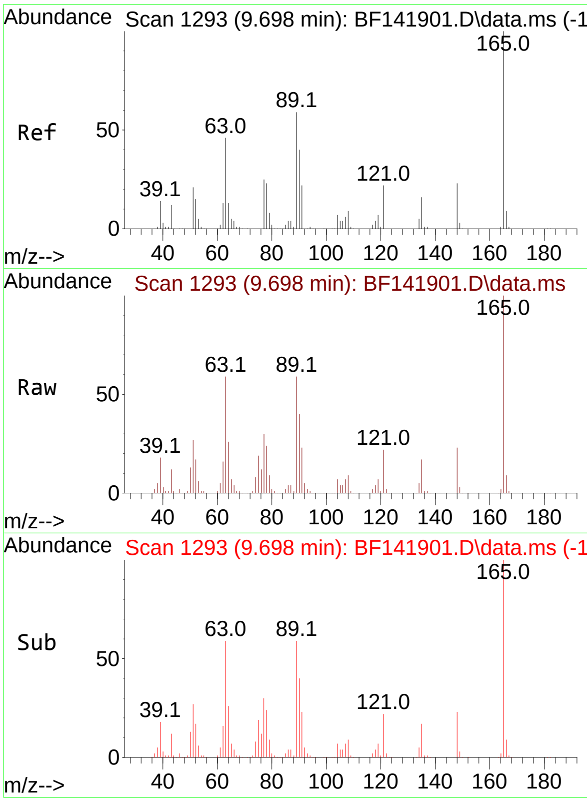
#50
Dimethylphthalate
Concen: 38.270 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:163 Resp: 1312856

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.3	8.2	12.4



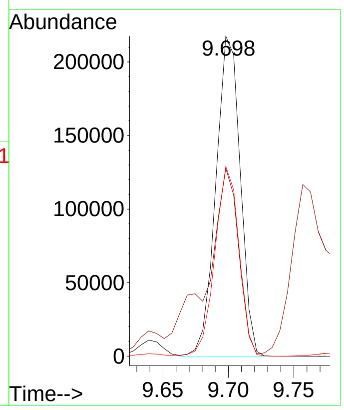
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

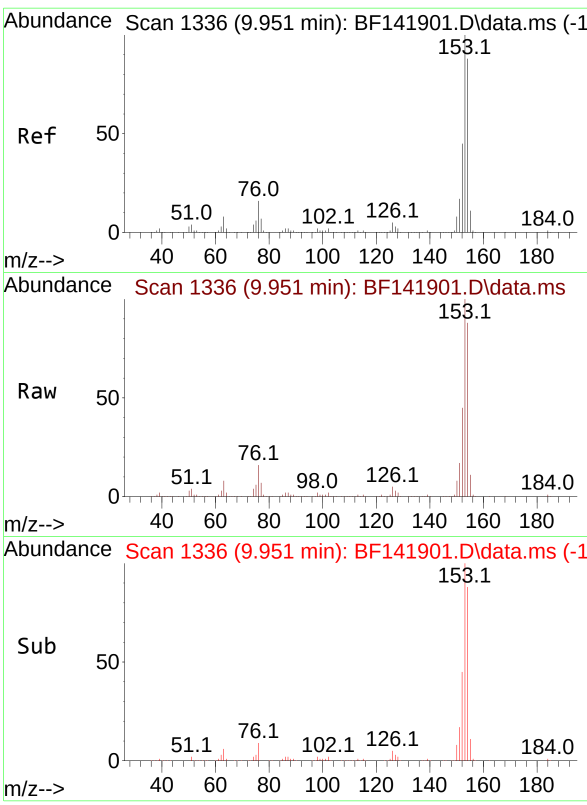


#51
2,6-Dinitrotoluene
Concen: 39.486 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:165 Resp: 281695

Ion	Ratio	Lower	Upper
165	100		
63	58.7	47.0	70.4
89	59.3	47.4	71.2

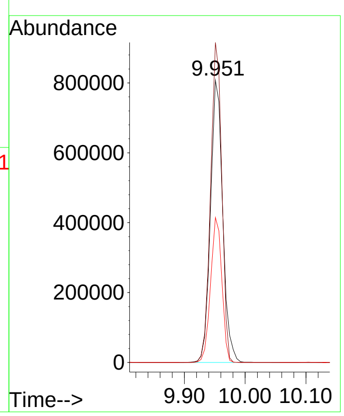


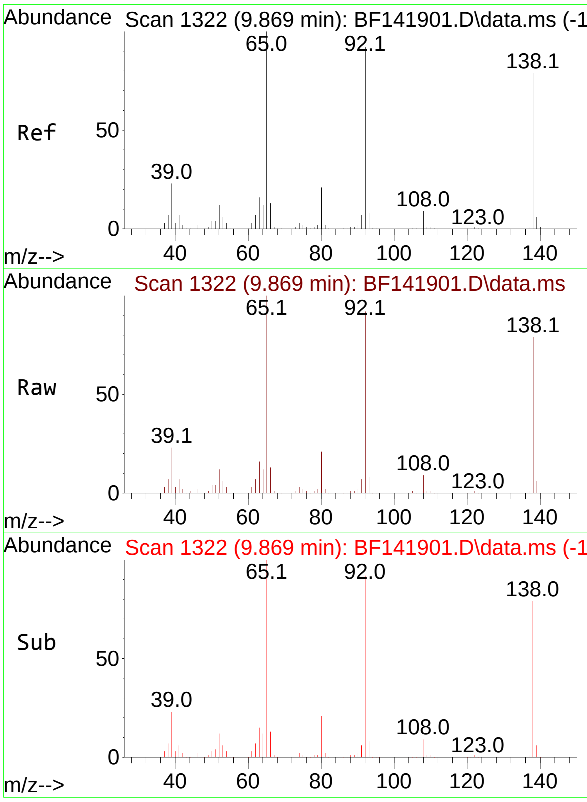


#52
Acenaphthene
Concen: 38.764 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:154 Resp: 1132087

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.7	136.1
152	51.4	41.1	61.7



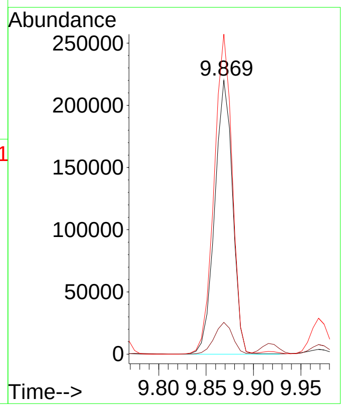


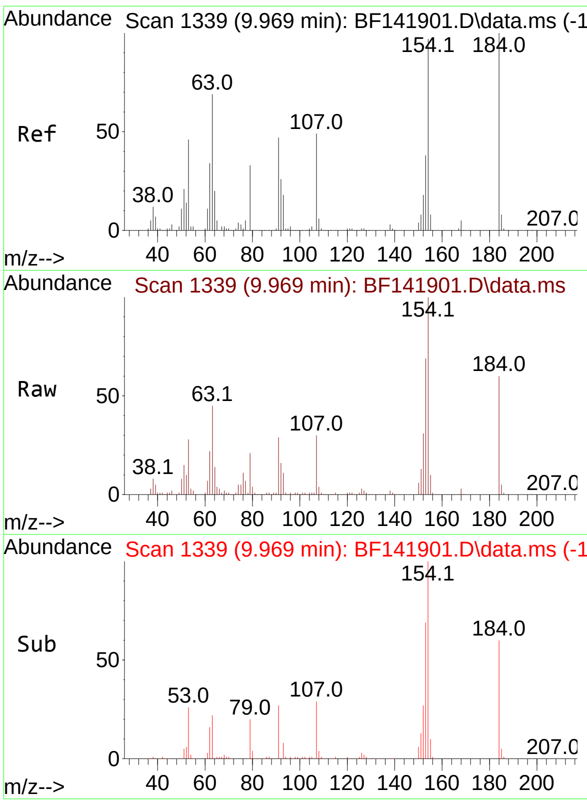
#53
3-Nitroaniline
Concen: 39.481 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 289208

Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.3	13.9
92	116.9	93.5	140.3

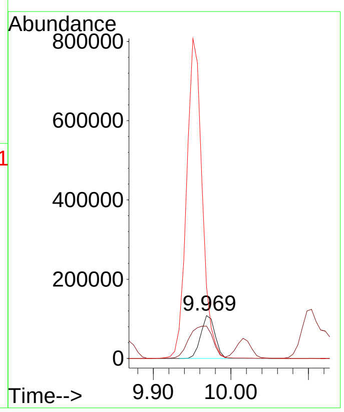




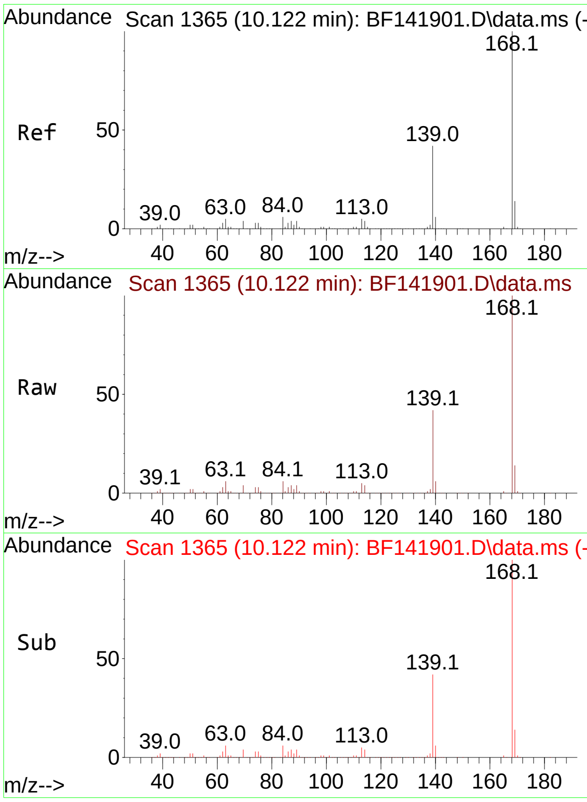
#54
2,4-Dinitrophenol
Concen: 38.116 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:184 Resp: 140024

Ion	Ratio	Lower	Upper
184	100		
63	75.3	60.2	90.4
154	166.1	132.9	199.3



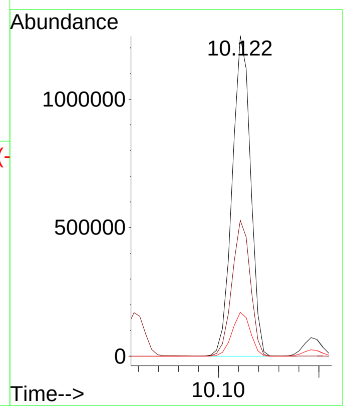
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

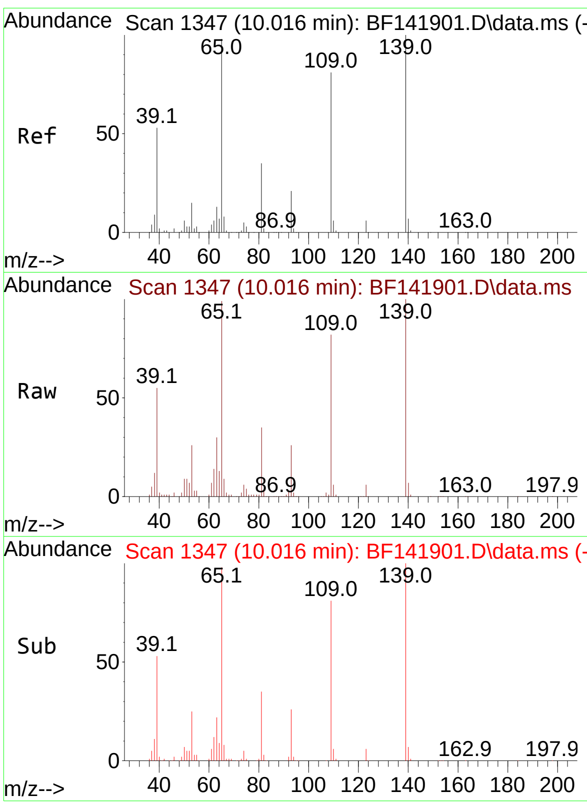


#55
Dibenzofuran
Concen: 38.266 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:168 Resp: 1593454

Ion	Ratio	Lower	Upper
168	100		
139	42.4	33.9	50.9
169	13.7	11.0	16.4

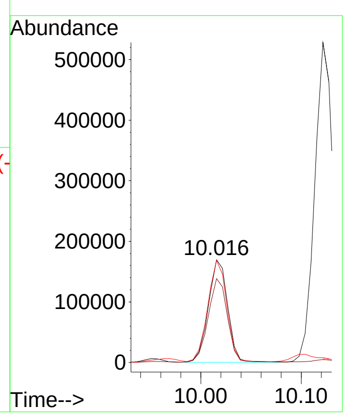




#56
4-Nitrophenol
Concen: 41.266 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:139 Resp: 227070

Ion	Ratio	Lower	Upper
139	100		
109	81.6	61.6	101.6
65	99.4	79.4	119.4



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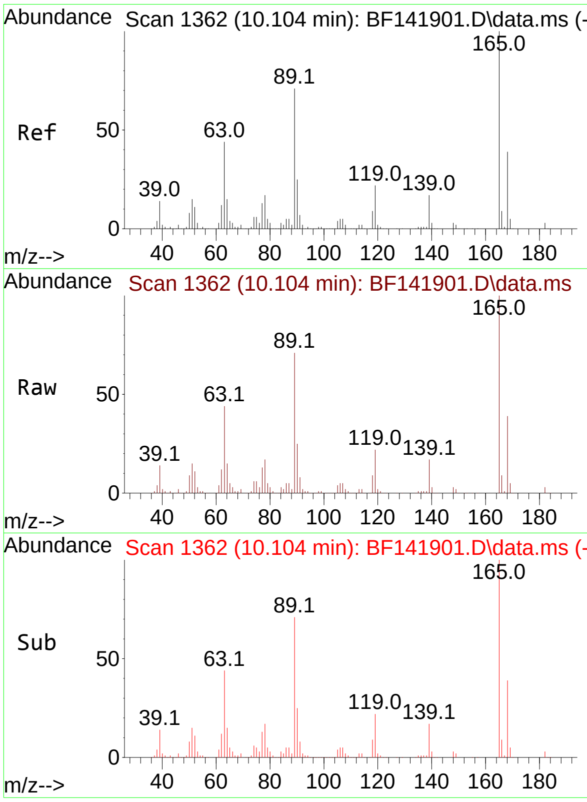
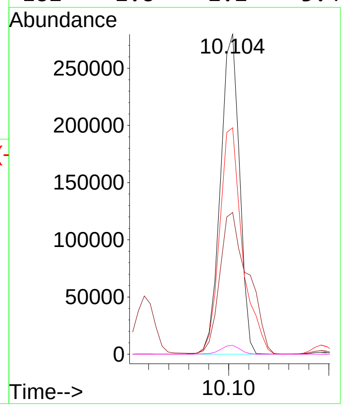
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

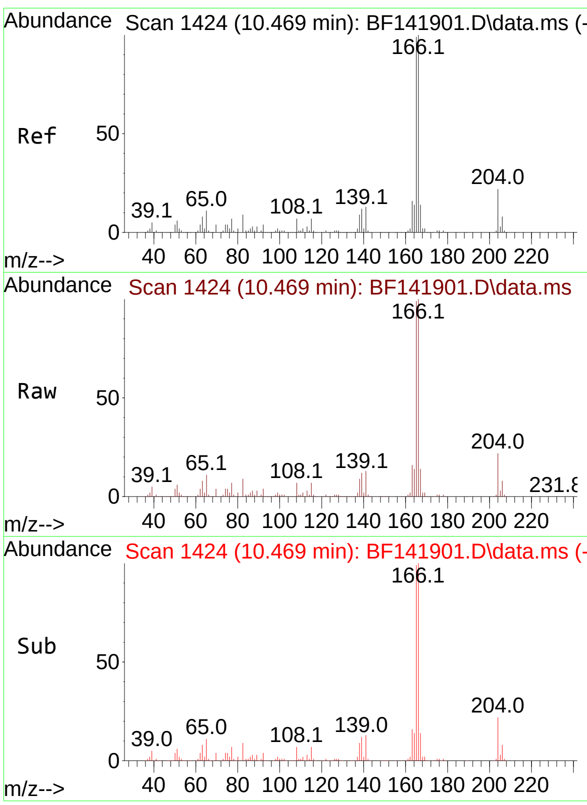


#57
2,4-Dinitrotoluene
Concen: 39.437 ng
RT: 10.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:165 Resp: 370337

Ion	Ratio	Lower	Upper
165	100		
63	44.3	35.4	53.2
89	70.7	56.6	84.8
182	2.8	2.2	3.4

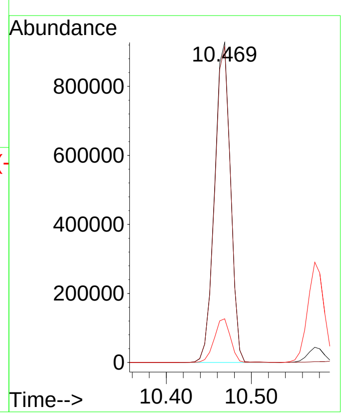




#58
Fluorene
Concen: 37.742 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

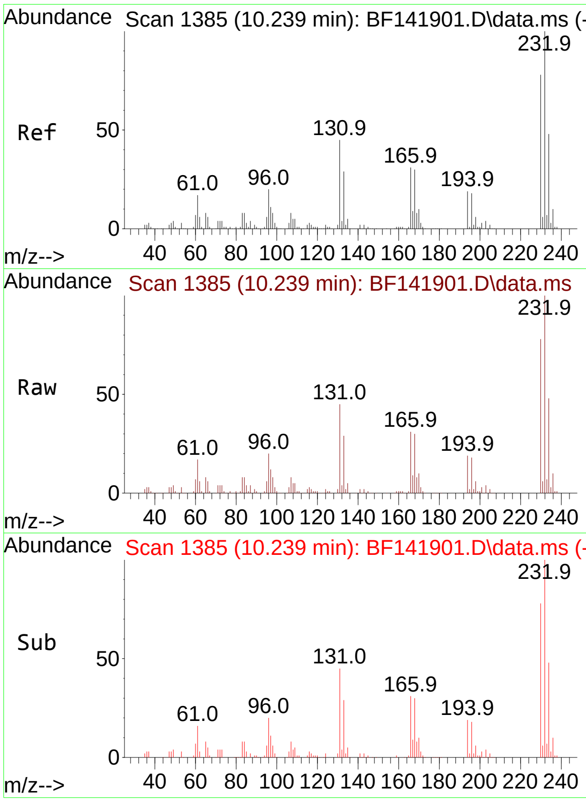
Tgt Ion:166 Resp: 1213316

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.4
167	13.7	11.0	16.4



ICAL Form

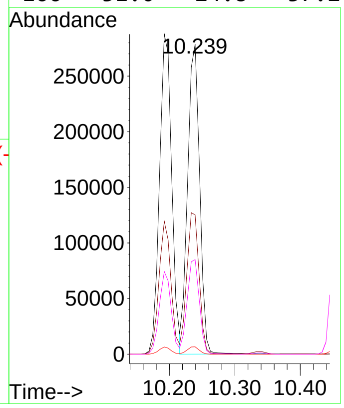
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

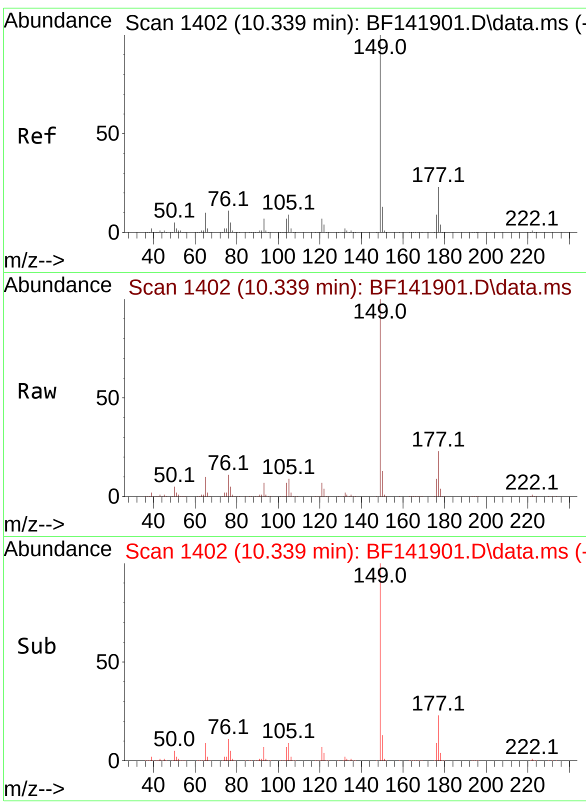


#59
2,3,4,6-Tetrachlorophenol
Concen: 39.225 ng
RT: 10.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:232 Resp: 354863

Ion	Ratio	Lower	Upper
232	100		
131	46.6	37.3	55.9
130	2.4	1.9	2.9
166	31.0	24.8	37.2

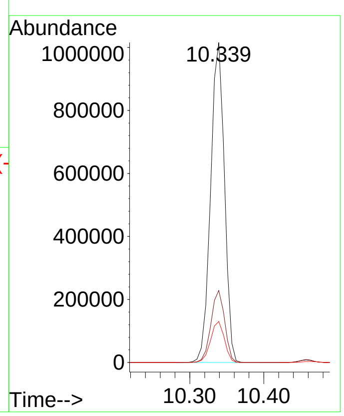




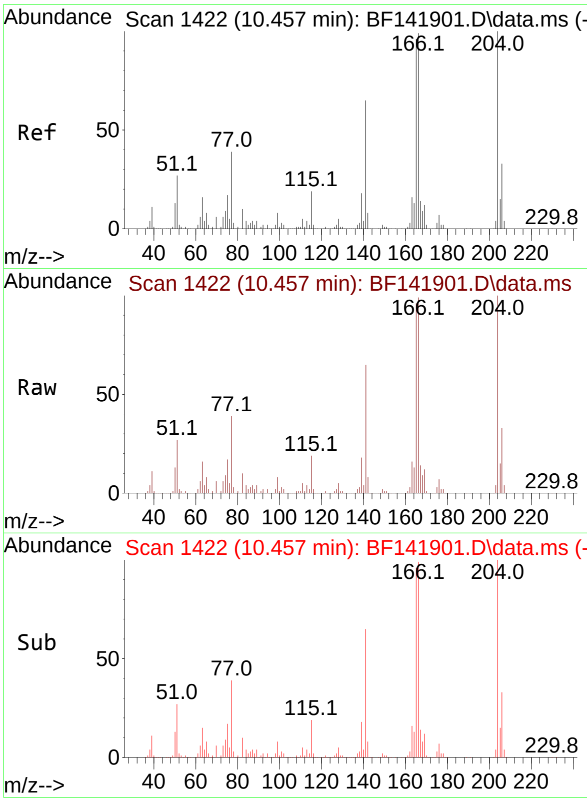
#60
Diethylphthalate
Concen: 38.304 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:149 Resp: 1319116

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.0	27.0
150	12.8	10.2	15.4



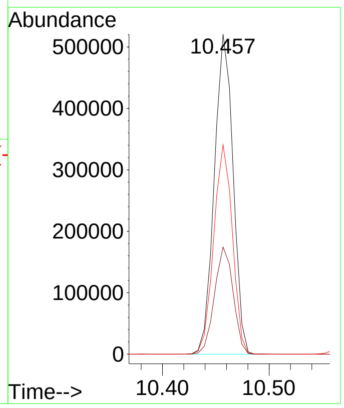
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

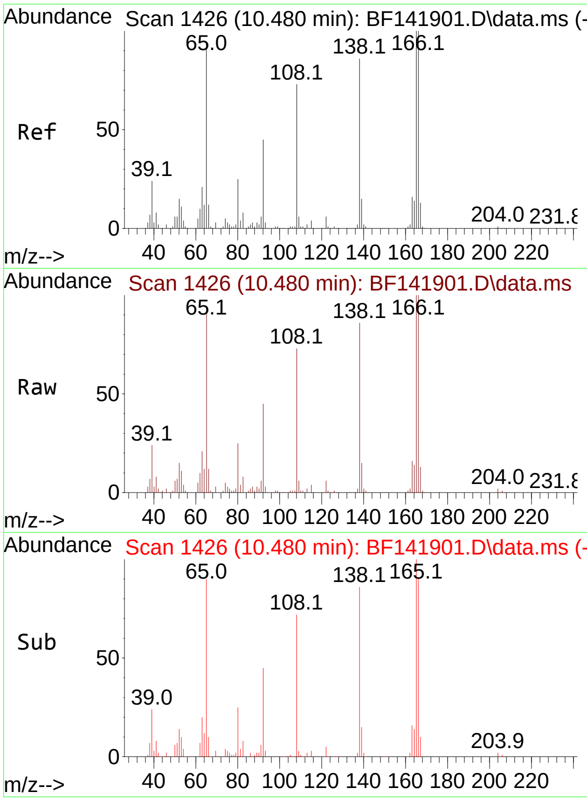


#61
4-Chlorophenyl-phenylether
Concen: 37.950 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:204 Resp: 635445

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.8	40.2
141	65.5	52.4	78.6

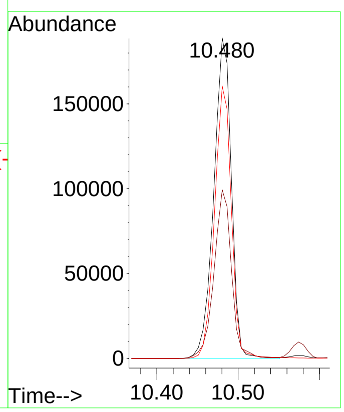




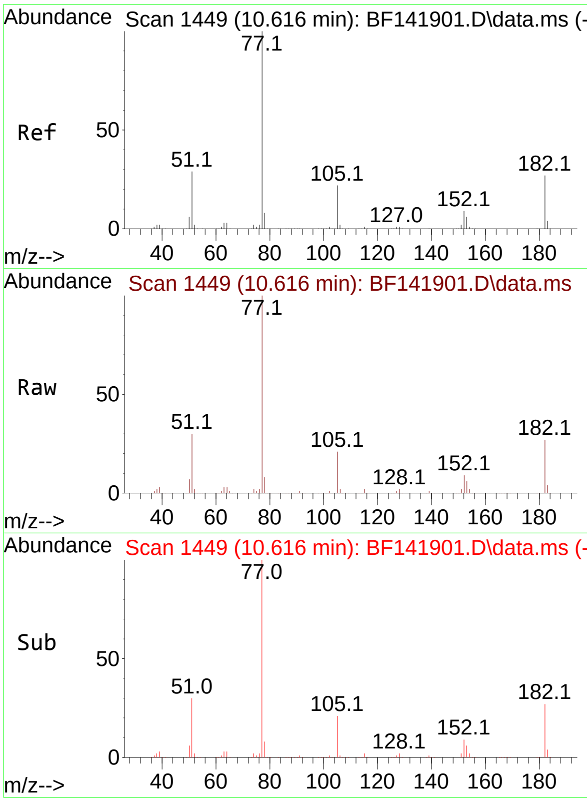
#62
4-Nitroaniline
Concen: 40.097 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:138 Resp: 284615

Ion	Ratio	Lower	Upper
138	100		
92	52.6	32.6	72.6
108	85.0	65.0	105.0



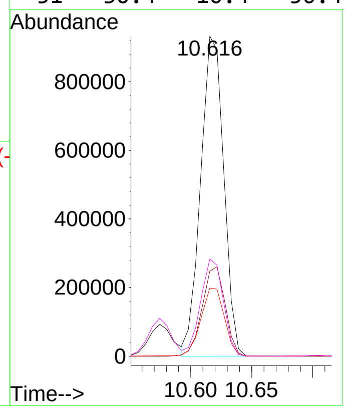
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

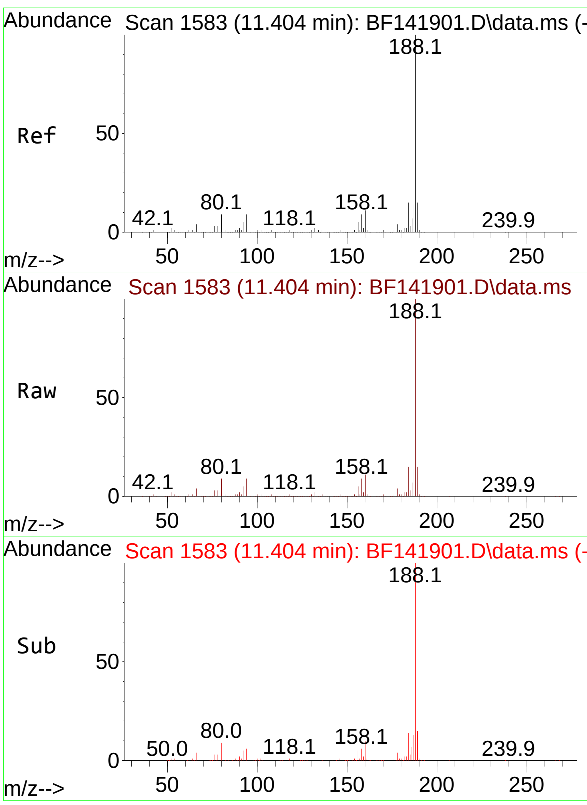


#63
Azobenzene
Concen: 38.432 ng
RT: 10.616 min   Scan# 14
Delta R.T.   0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025   12:58

Tgt Ion: 77 Resp: 1229473

Ion	Ratio	Lower	Upper
77	100		
182	26.6	6.6	46.6
105	21.3	1.3	41.3
51	30.4	10.4	50.4

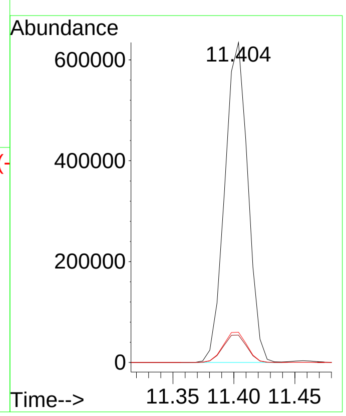




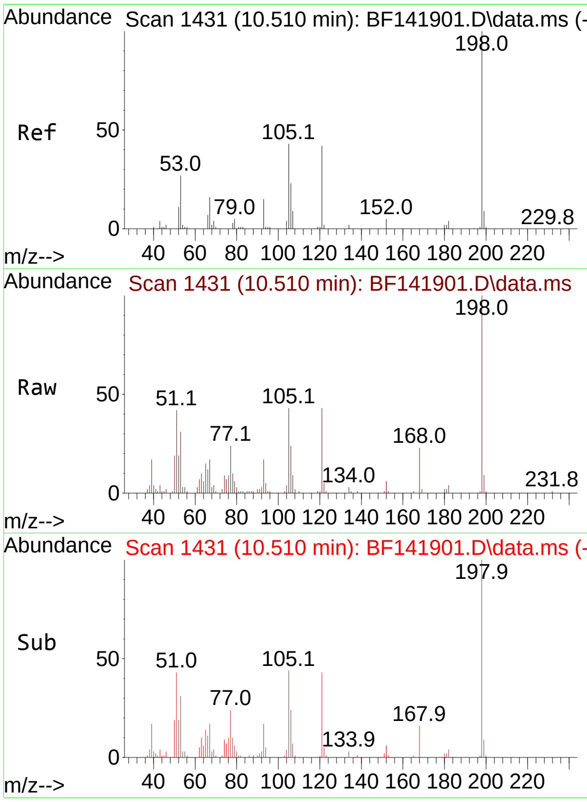
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min   Scan# 1583
Delta R.T.   -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025   12:58

Tgt Ion:188 Resp: 839154

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.5	7.6	11.4



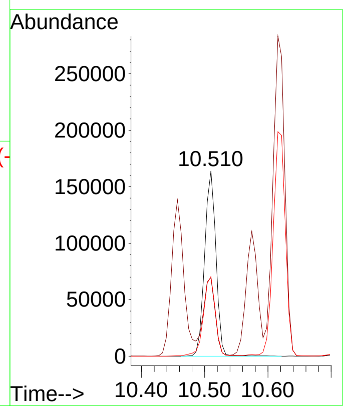
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

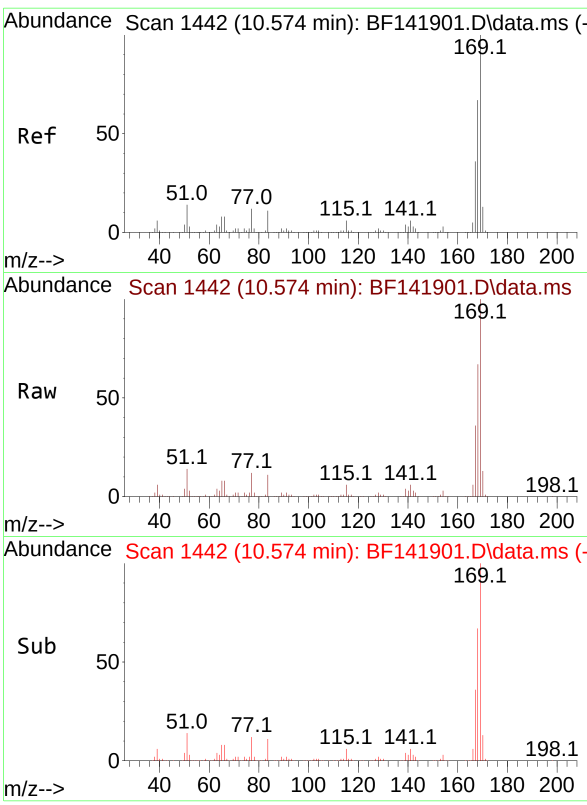


#65
4,6-Dinitro-2-methylphenol
Concen: 40.827 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:198 Resp: 203106

Ion	Ratio	Lower	Upper
198	100		
51	42.3	22.3	62.3
105	43.0	23.0	63.0

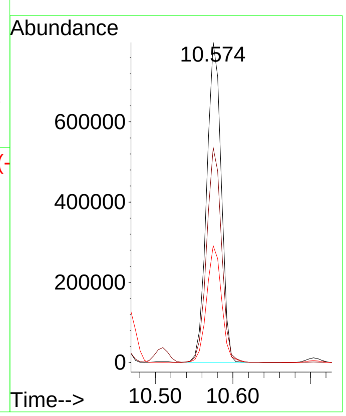




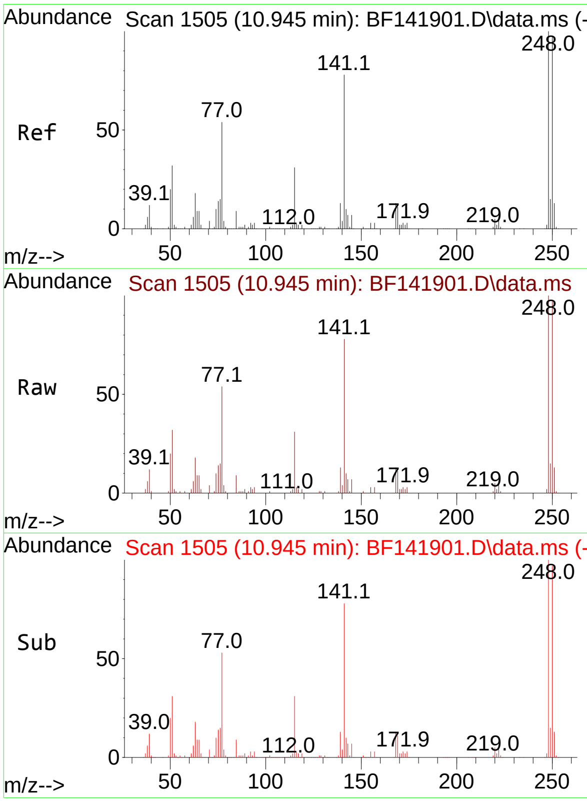
#66
n-Nitrosodiphenylamine
Concen: 38.415 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:169 Resp: 1041349

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.7	80.5
167	36.5	29.2	43.8



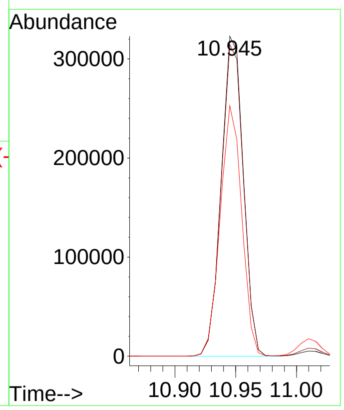
Instrument : BNA_F
ClientSampleId : SSTDICCC040

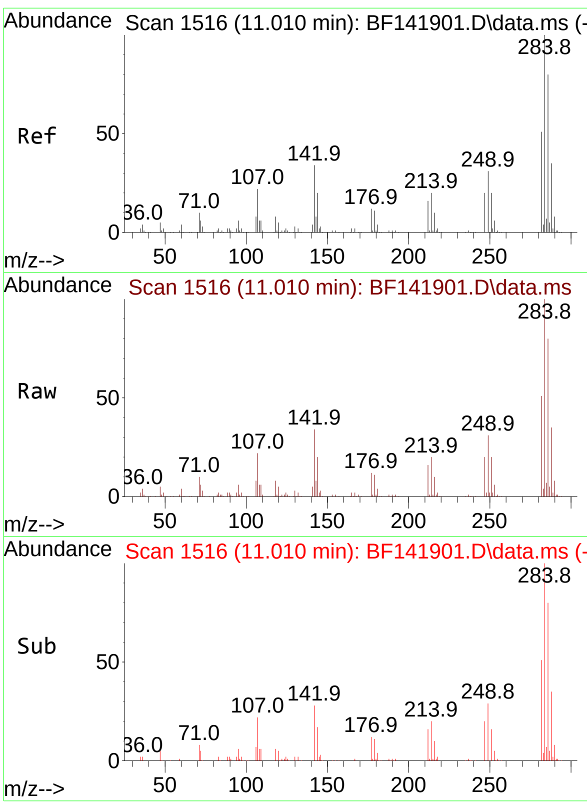


#67
4-Bromophenyl-phenylether
Concen: 39.195 ng
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:248 Resp: 409602

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.8
141	78.2	62.6	93.8

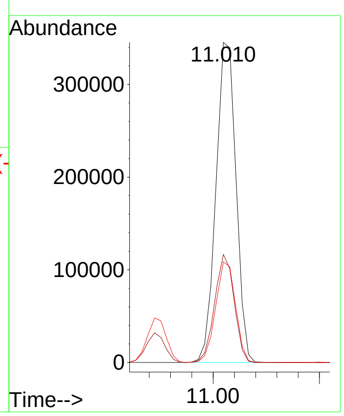




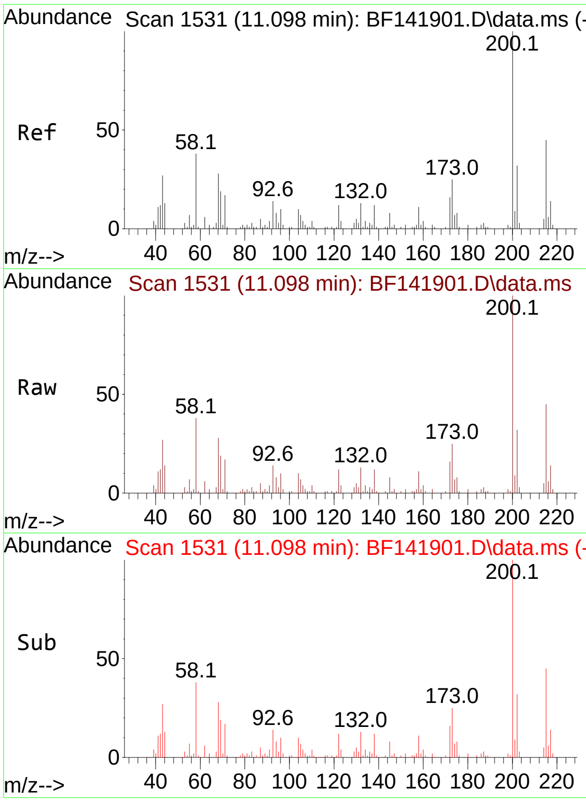
#68
Hexachlorobenzene
Concen: 39.146 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:284 Resp: 452189

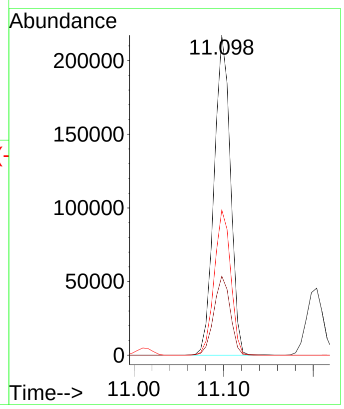
Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.0	40.6
249	31.5	25.2	37.8

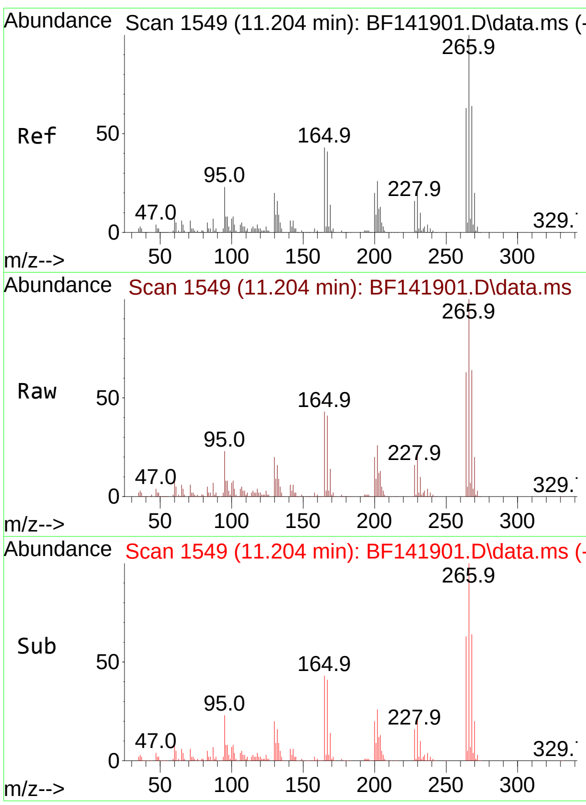


Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

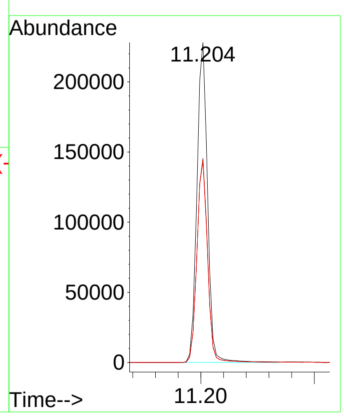



```
#69
Atrazine
Concen:   41.614 ng
RT:  11.098 min  Scan# 1
Delta R.T.  -0.000 min
Lab File:   BF141901.D
Acq: 10 Mar 2025  12:58

Tgt Ion:200 Resp:  275084
Ion  Ratio  Lower  Upper
200  100
173   24.7    4.7   44.7
215   45.4   25.4   65.4
```

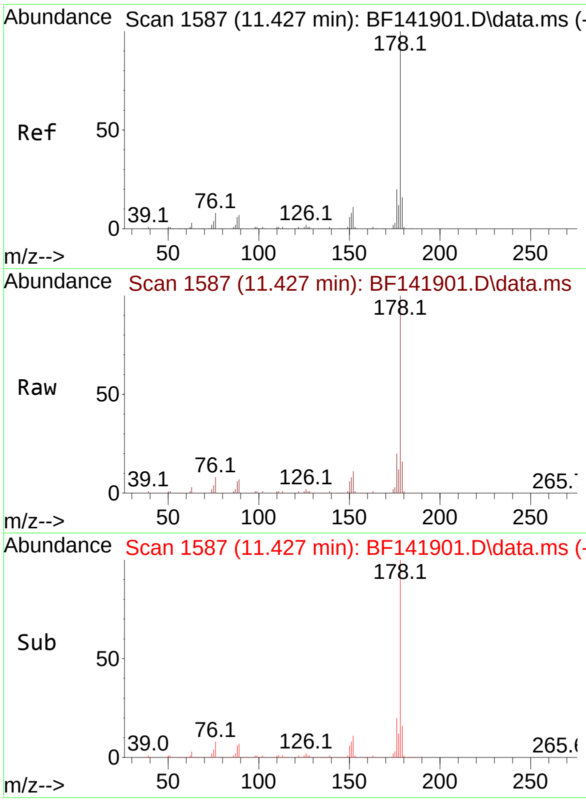





```
#70
Pentachlorophenol
Concen:   41.818 ng
RT:  11.204 min  Scan# 1549
Delta R.T.  0.000 min
Lab File:   BF141901.D
Acq: 10 Mar 2025  12:58

Tgt Ion:266 Resp:  297893
Ion  Ratio  Lower  Upper
266  100
268   63.8   51.0   76.6
264   62.7   50.2   75.2
```



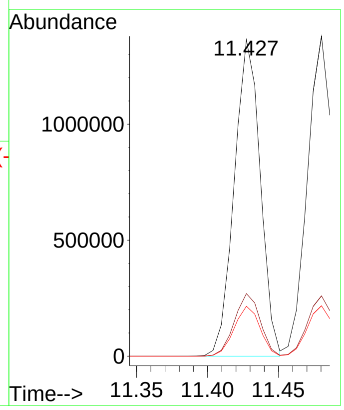
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

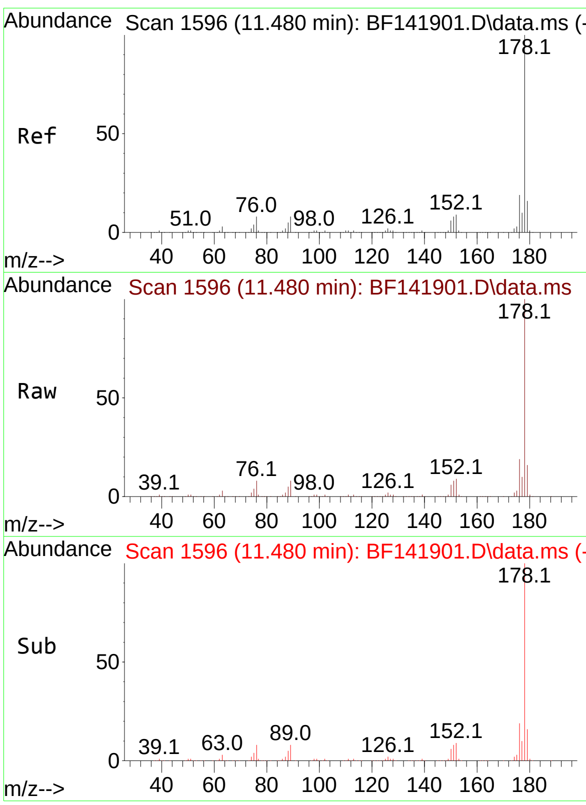


#71
Phenanthrene
Concen: 38.373 ng
RT: 11.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:178 Resp: 1741309

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.8	12.6	19.0

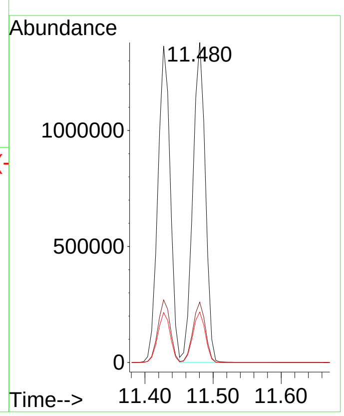




#72
Anthracene
Concen: 38.571 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

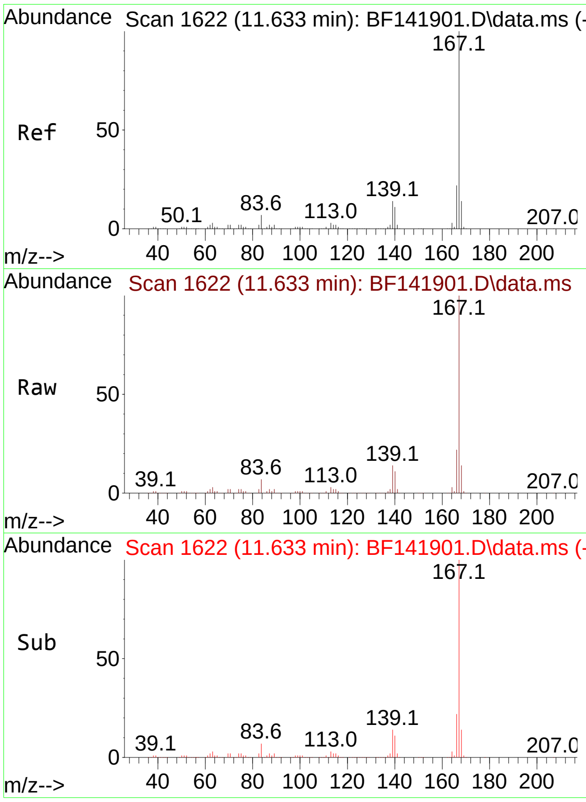
Tgt Ion:178 Resp: 1756035

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.8	12.6	19.0



ICAL Form

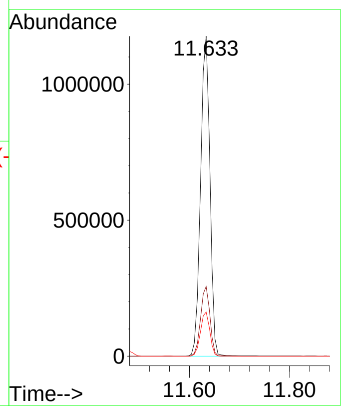
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

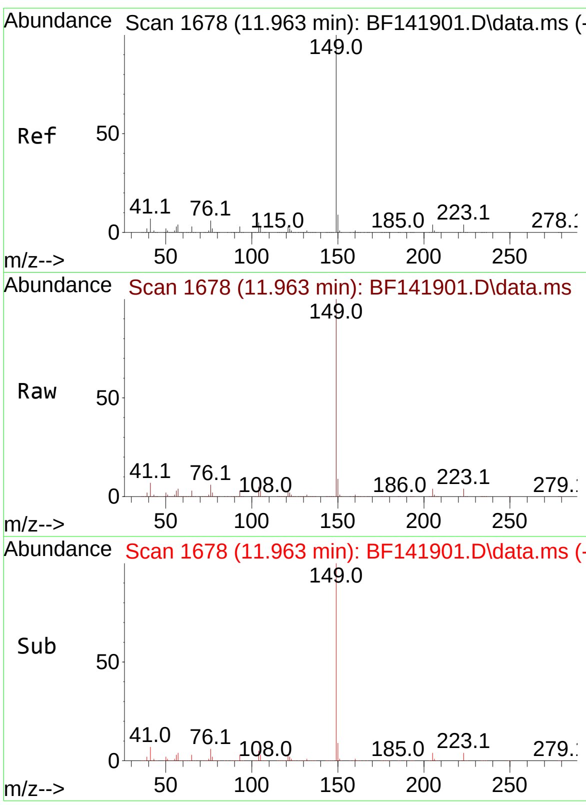


#73
Carbazole
Concen: 38.898 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:167 Resp: 1524663

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	13.8	11.0	16.6

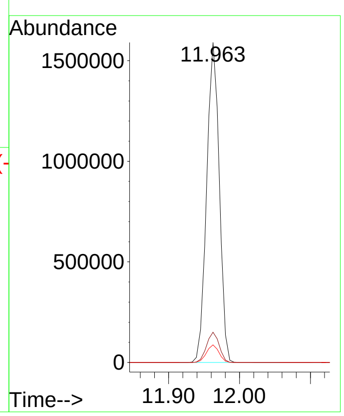




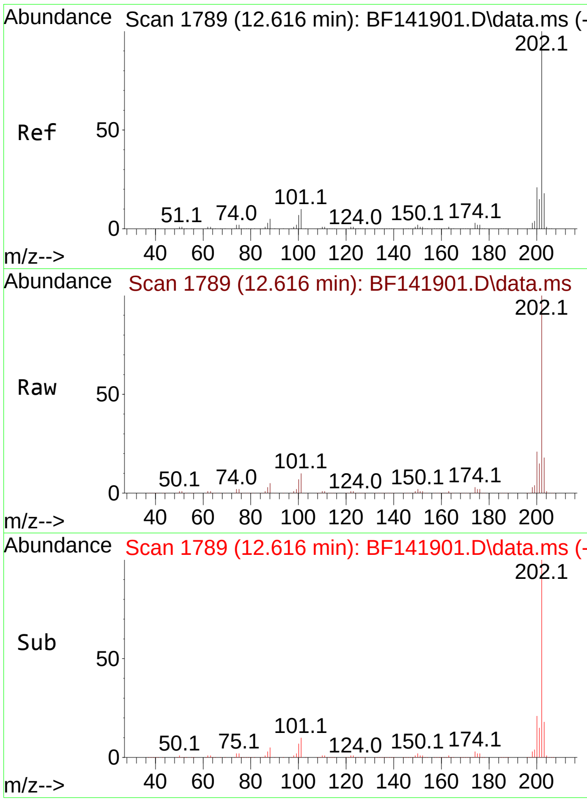
#74
Di-n-butylphthalate
Concen: 38.175 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:149 Resp: 1975625

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.5	4.4	6.6



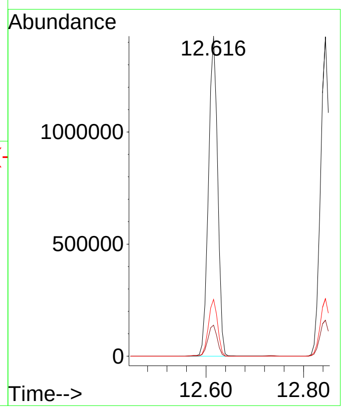
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

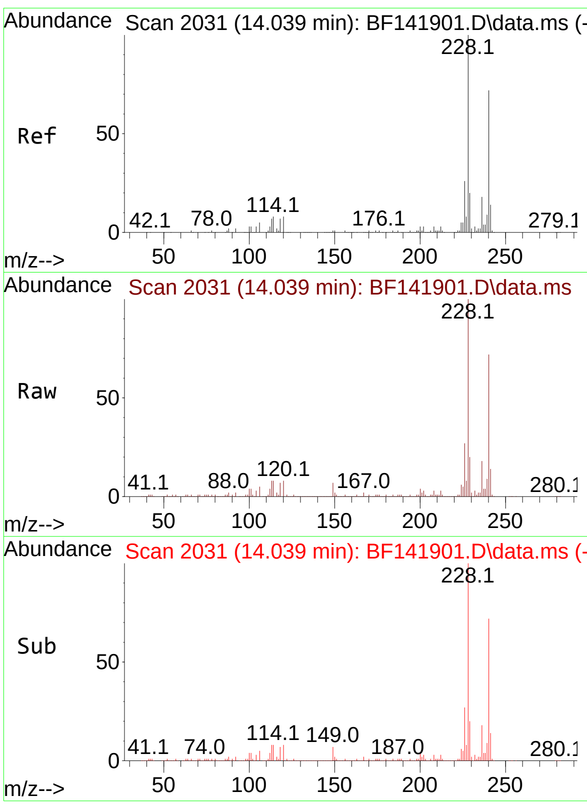


#75
Fluoranthene
Concen: 39.049 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:202 Resp: 1860202

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.7
203	17.8	0.0	37.8

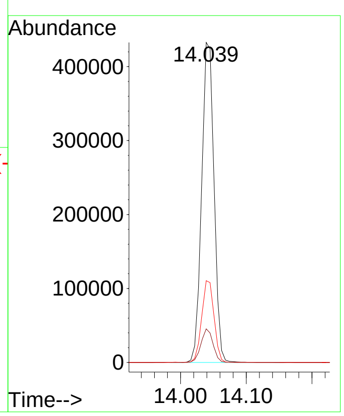




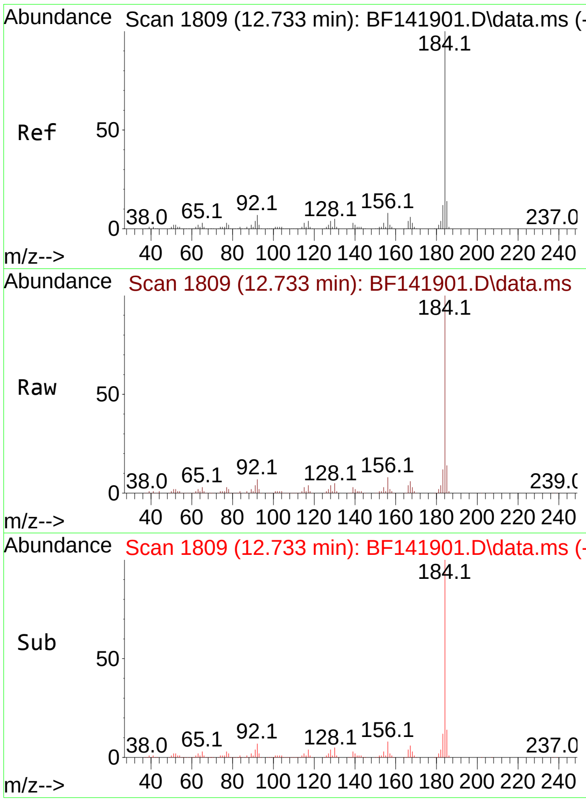
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:240 Resp: 569865

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	25.6	20.5	30.7



ICAL Form

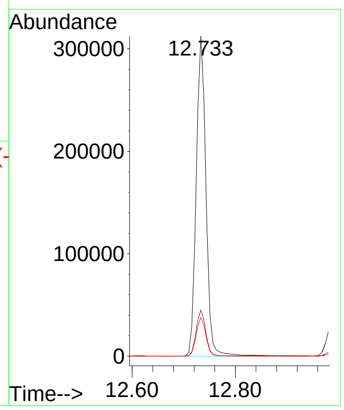


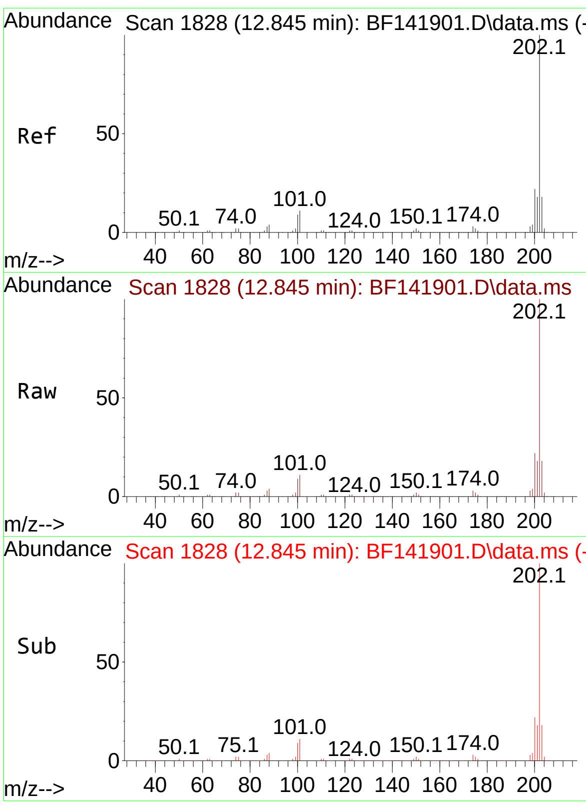
#77
Benzidine
Concen: 50.915 ng
RT: 12.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 410026

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	12.1	9.7	14.5

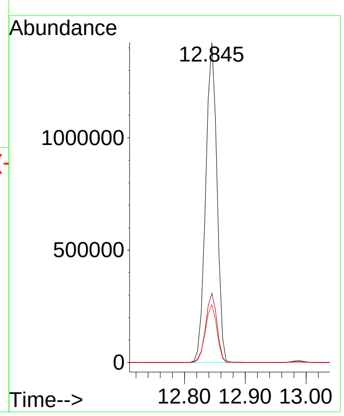




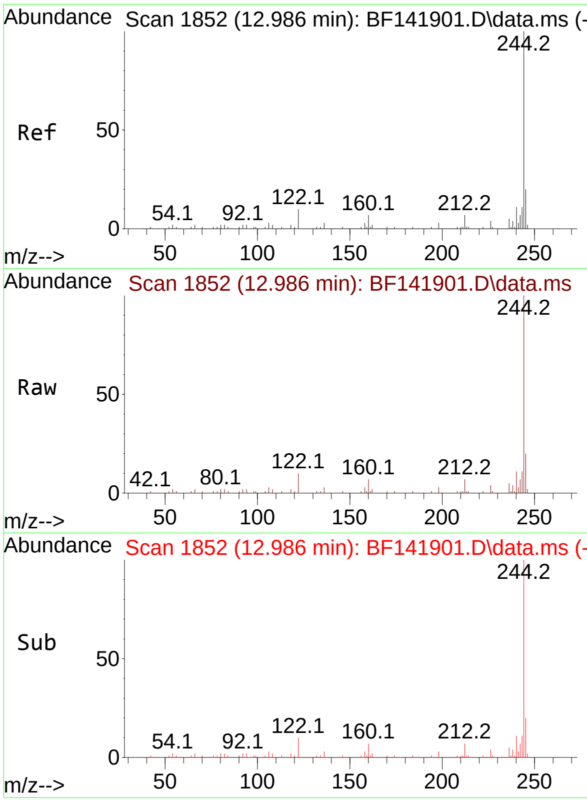
#78
Pyrene
Concen: 37.567 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:202 Resp: 1835917

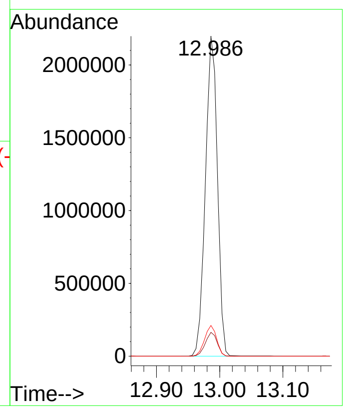
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.3	25.9
203	18.0	14.4	21.6

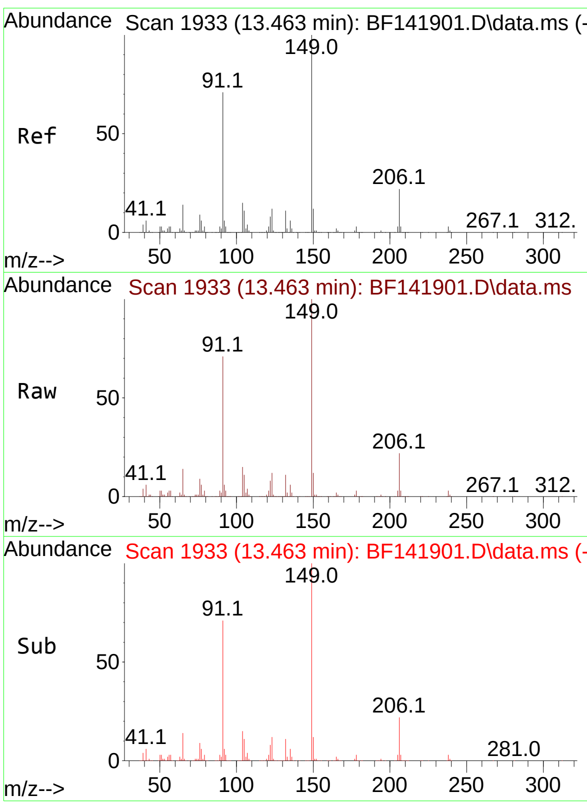


Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

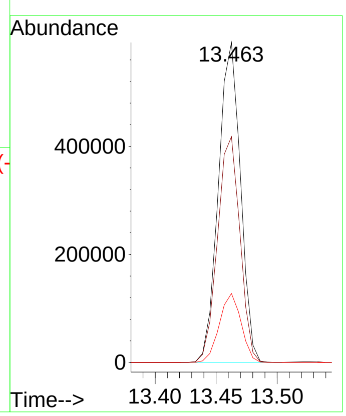



```
#79
Terphenyl-d14
Concen:   75.440 ng
RT:  12.986 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141901.D
Acq: 10 Mar 2025  12:58

Tgt Ion:244 Resp: 2908357
Ion  Ratio  Lower  Upper
244  100
212    7.5    6.0    9.0
122    9.6    7.7   11.5
```



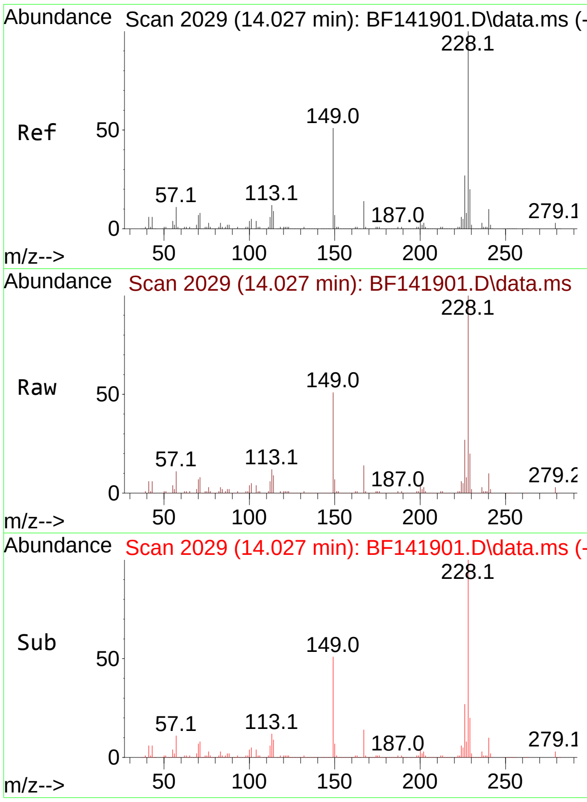



```
#80
Butylbenzylphthalate
Concen:   38.769 ng
RT:  13.463 min  Scan# 1933
Delta R.T.  0.000 min
Lab File:   BF141901.D
Acq: 10 Mar 2025  12:58

Tgt Ion:149 Resp:   746613
Ion  Ratio  Lower  Upper
149  100
 91   70.6   56.5   84.7
206   21.6   17.3   25.9
```



ICAL Form

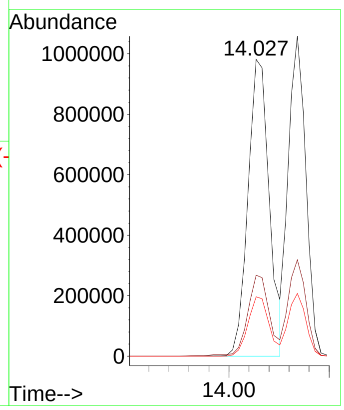
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

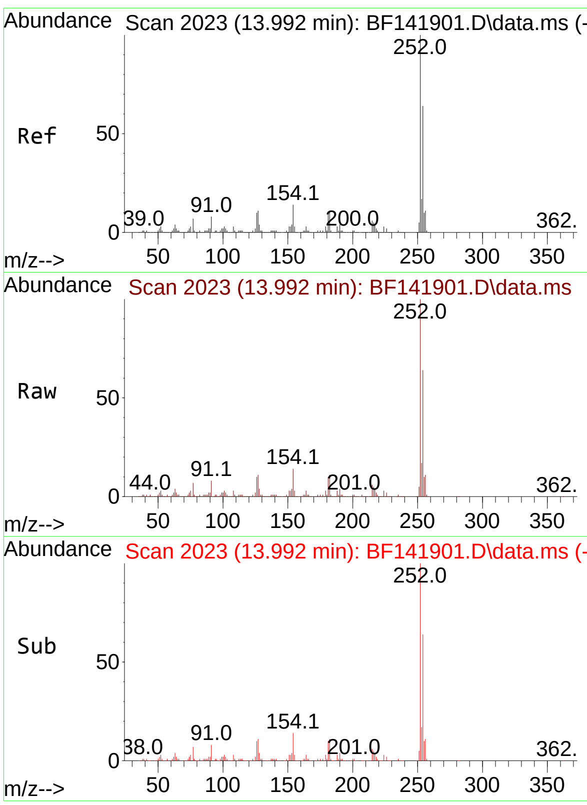


#81
Benzo(a)anthracene
Concen: 38.713 ng
RT: 14.027 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:228 Resp: 1451332

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	16.0	24.0

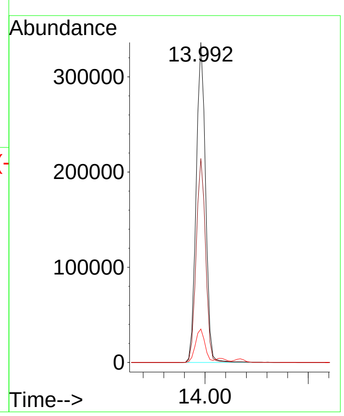




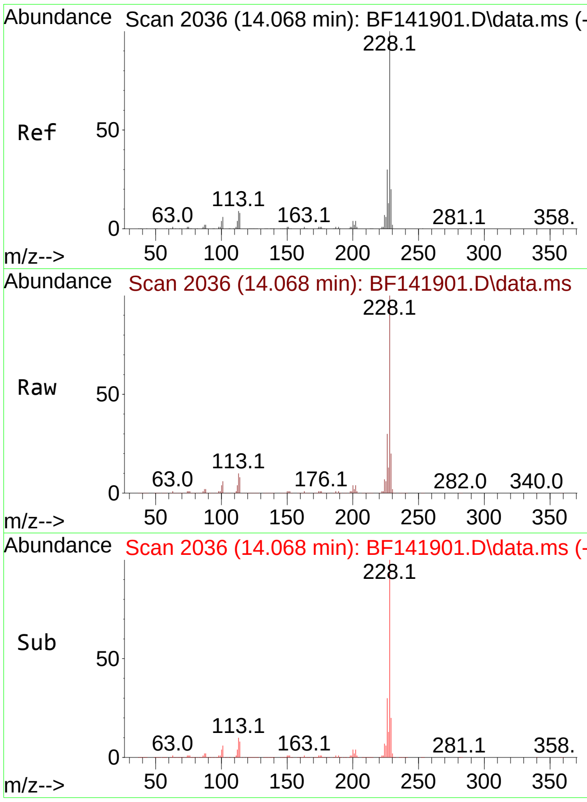
#82
3,3'-Dichlorobenzidine
Concen: 39.114 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:252 Resp: 423835

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.0	76.6
126	10.5	8.4	12.6



ICAL Form

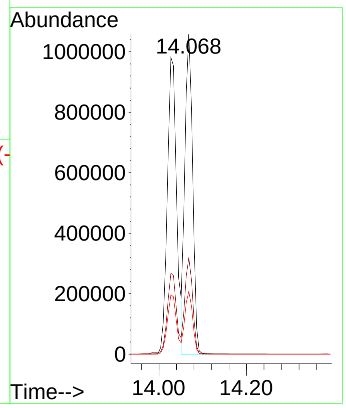


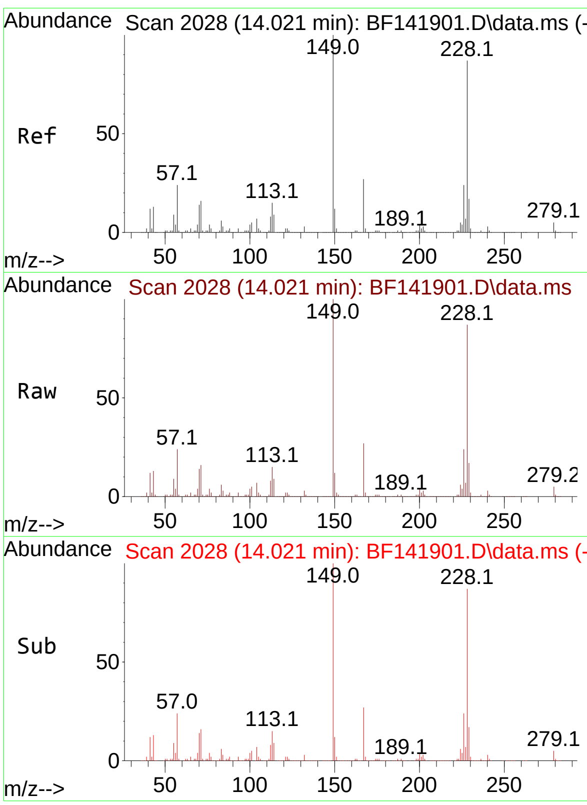
#83
Chrysene
Concen: 38.439 ng
RT: 14.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 1294538

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.6	15.7	23.5

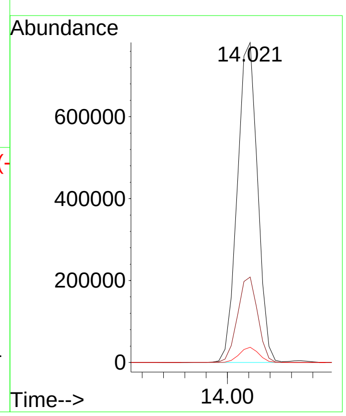




#84
Bis(2-ethylhexyl)phthalate
Concen: 38.985 ng
RT: 14.021 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

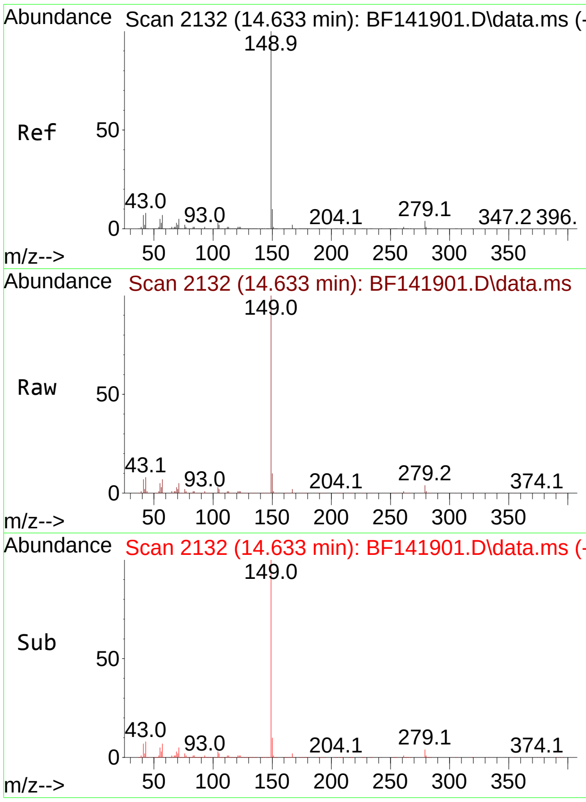
Tgt Ion:149 Resp: 1029987

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	4.7	3.8	5.6



ICAL Form

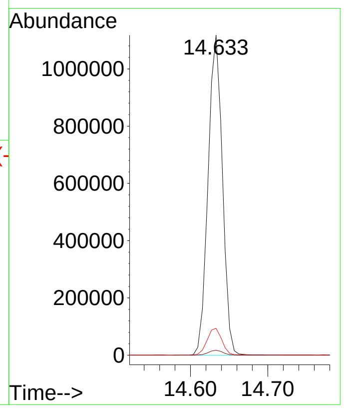
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

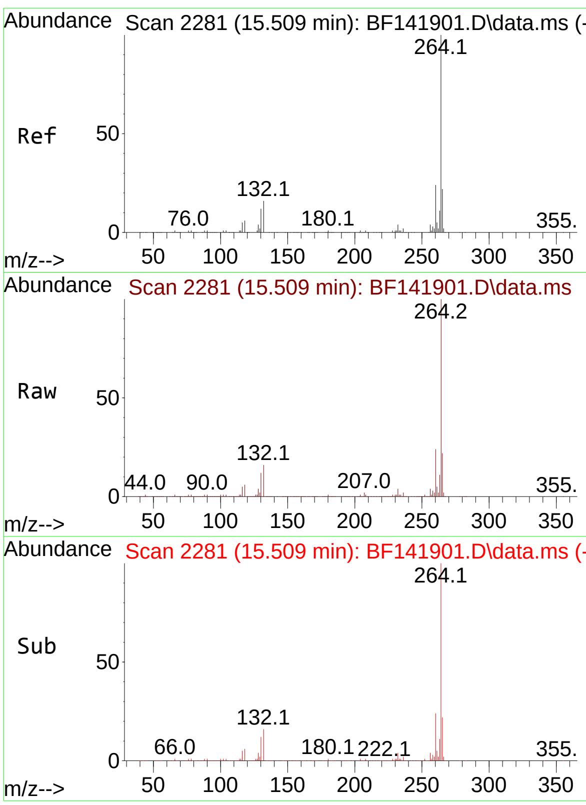


#85
Di-n-octyl phthalate
Concen: 39.193 ng
RT: 14.633 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:149 Resp: 1441248

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	6.9	10.3

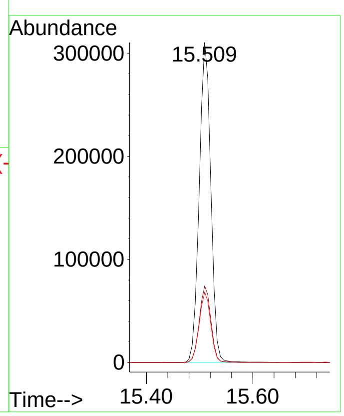




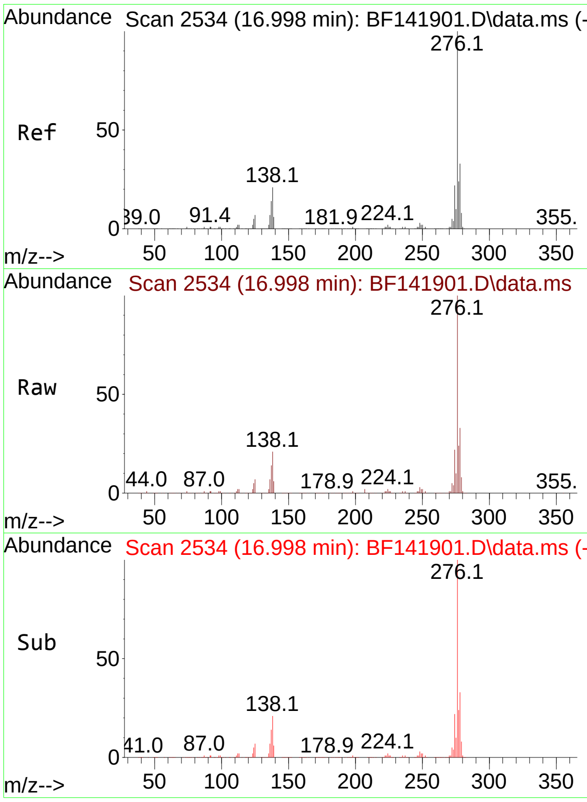
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:264 Resp: 469286

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.9	17.5	26.3



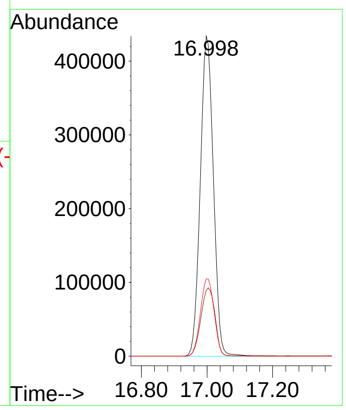
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

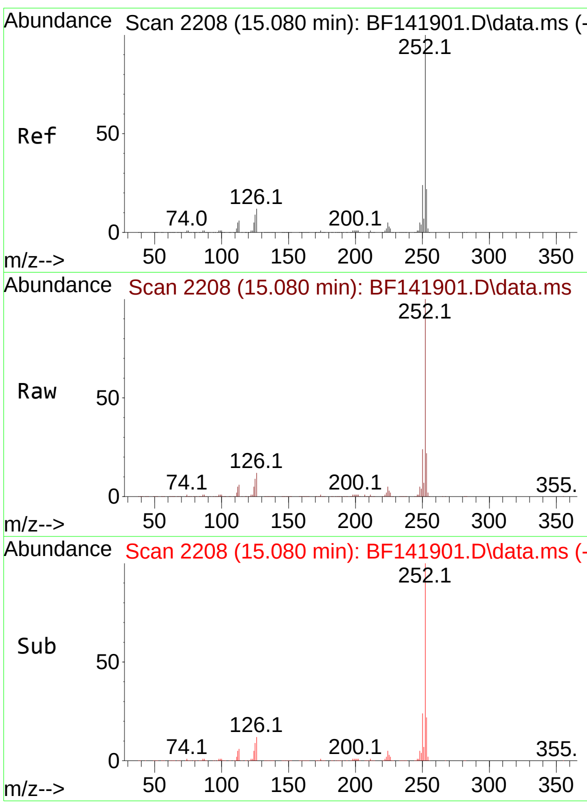


#87
Indeno(1,2,3-cd)pyrene
Concen: 39.681 ng
RT: 16.998 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:276 Resp: 1207616

Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.4	27.6
277	25.4	20.3	30.5

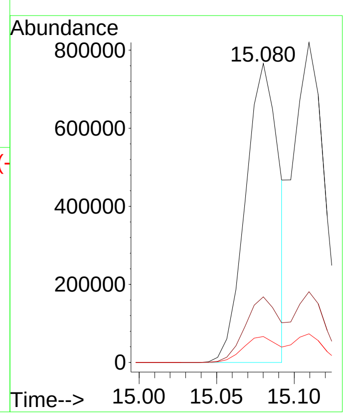




#88
Benzo(b)fluoranthene
Concen: 35.673 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

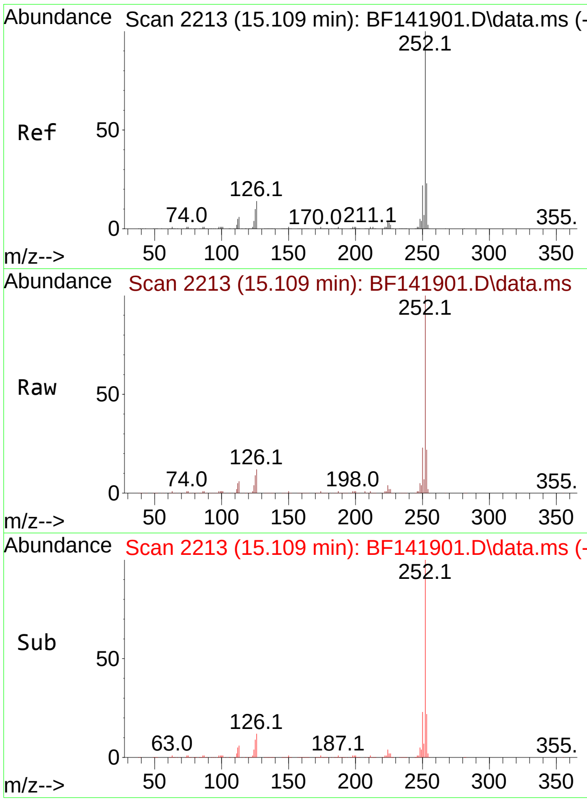
Tgt Ion:252 Resp: 1135547

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.7	7.0	10.4



ICAL Form

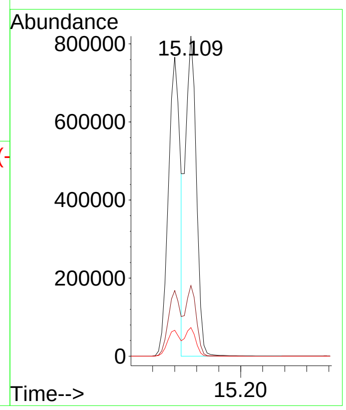
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

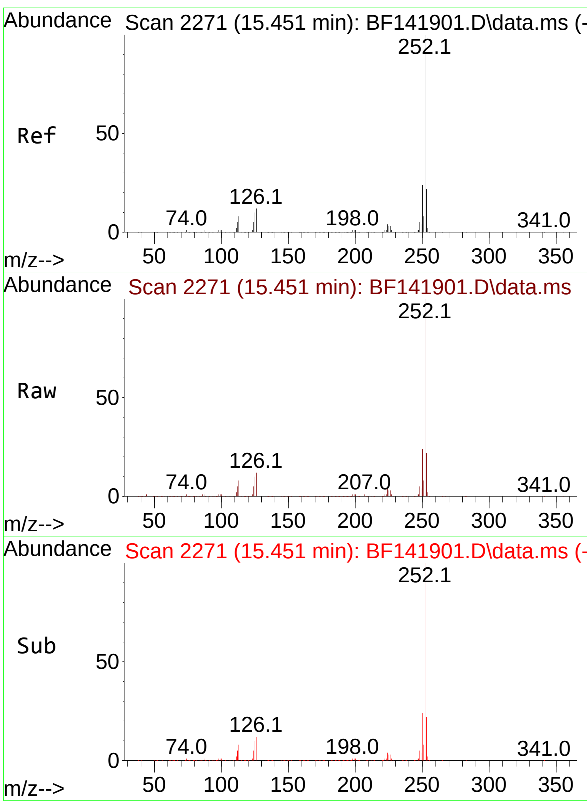


#89
Benzo(k)fluoranthene
Concen: 40.661 ng
RT: 15.109 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:252 Resp: 1130615

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.0	7.2	10.8

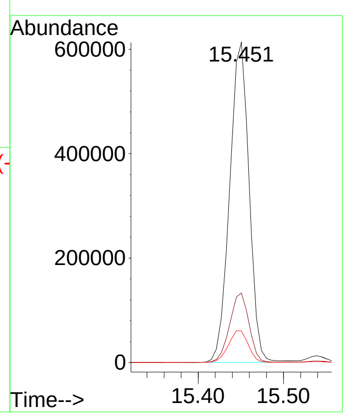




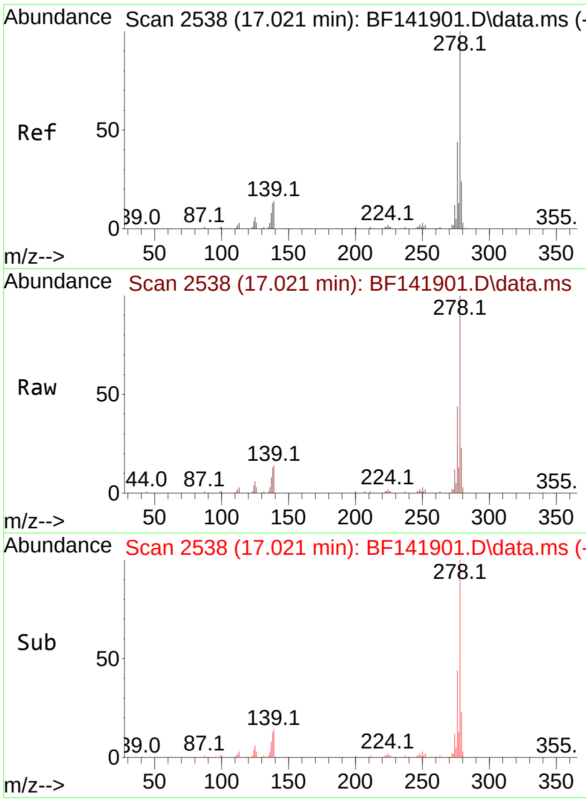
#90
Benzo(a)pyrene
Concen: 38.727 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:252 Resp: 972220

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.8	7.8	11.8



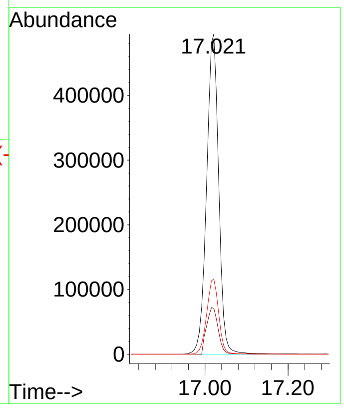
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

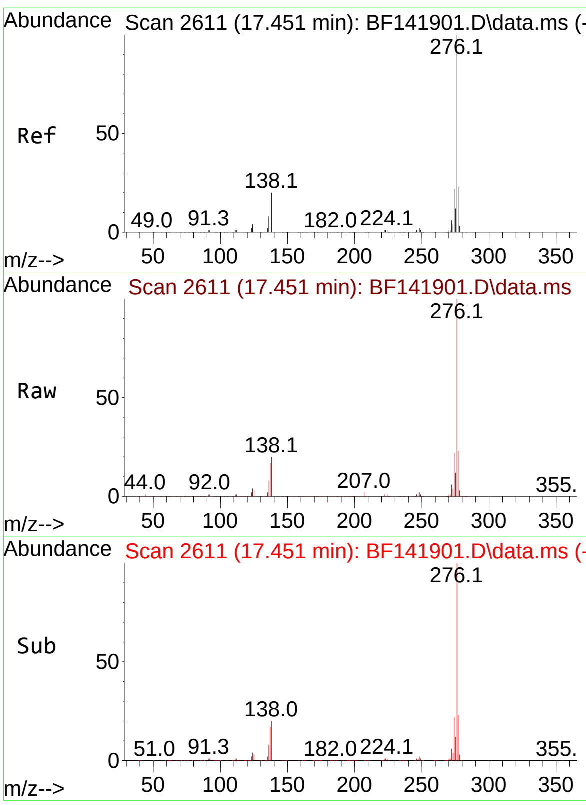


#91
Dibenzo(a,h)anthracene
Concen: 39.933 ng
RT: 17.021 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:278 Resp: 1002747

Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.4	17.2
279	23.5	18.8	28.2

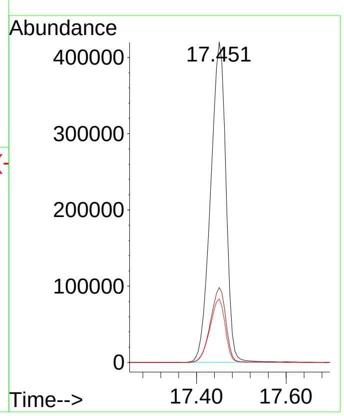




#92
Benzo(g,h,i)perylene
Concen: 40.149 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:276 Resp: 999947

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	19.8	15.8	23.8



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141903.D
Acq On : 10 Mar 2025 13:57
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Mar 10 15:37:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	216861	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	872222	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	497194	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	827202	20.000	ng	0.00
76) Chrysene-d12	14.045	240	468454	20.000	ng	0.00
86) Perylene-d12	15.509	264	407346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1490872	114.705	ng	0.00
7) Phenol-d6	6.510	99	1913610	115.601	ng	0.00
23) Nitrobenzene-d5	7.451	82	1899726	122.074	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	791365	125.609	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3716590	113.827	ng	0.00
79) Terphenyl-d14	12.992	244	3982780	125.675	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	325927	59.832	ng	99
3) Pyridine	3.440	79	786537	58.753	ng	99
4) n-Nitrosodimethylamine	3.404	42	386646	60.759	ng	100
6) Aniline	6.551	93	933875	57.146	ng	99
8) 2-Chlorophenol	6.669	128	835549	58.000	ng	97
9) Benzaldehyde	6.434	77	465511	50.311	ng	100
10) Phenol	6.528	94	996848	57.074	ng	95
11) bis(2-Chloroethyl)ether	6.622	93	765071	58.464	ng	99
12) 1,3-Dichlorobenzene	6.828	146	911340	58.540	ng	99
13) 1,4-Dichlorobenzene	6.904	146	923545	58.635	ng	99
14) 1,2-Dichlorobenzene	7.057	146	873604	58.898	ng	99
15) Benzyl Alcohol	7.028	79	810347	60.480	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	957808	60.730	ng	99
17) 2-Methylphenol	7.134	107	701676	61.285	ng	99
18) Hexachloroethane	7.398	117	364561	61.734	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	644501	60.576	ng	99
20) 3+4-Methylphenols	7.292	107	868157	59.116	ng	# 81
22) Acetophenone	7.298	105	1226859	58.635	ng	97
24) Nitrobenzene	7.469	77	939508	60.889	ng	100
25) Isophorone	7.710	82	1695749	61.720	ng	100
26) 2-Nitrophenol	7.781	139	491301	64.978	ng	98
27) 2,4-Dimethylphenol	7.816	122	639505	61.408	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1039951	60.422	ng	99
29) 2,4-Dichlorophenol	8.022	162	791904	61.272	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	870403	61.044	ng	99
31) Naphthalene	8.186	128	2545181	56.961	ng	99
32) Benzoic acid	7.951	122	634105	69.664	ng	99
33) 4-Chloroaniline	8.233	127	920015	58.348	ng	99
34) Hexachlorobutadiene	8.304	225	559955	60.397	ng	99
35) Caprolactam	8.628	113	235861	60.015	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	874022	60.807	ng	98
37) 2-Methylnaphthalene	8.875	142	1744374	58.187	ng	99
38) 1-Methylnaphthalene	8.975	142	1692113	58.285	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	903928	59.627	ng	99
41) Hexachlorocyclopentadiene	9.028	237	375919	62.842	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	597686	60.479	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141903.D
Acq On : 10 Mar 2025 13:57
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Mar 10 15:37:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	618930	61.642	ng		99
46) 1,1'-Biphenyl	9.345	154	2134829	56.634	ng		99
47) 2-Chloronaphthalene	9.369	162	1625973	57.879	ng		100
48) 2-Nitroaniline	9.463	65	495229	61.368	ng		99
49) Acenaphthylene	9.786	152	2379216	57.125	ng		99
50) Dimethylphthalate	9.651	163	2006480	58.083	ng		100
51) 2,6-Dinitrotoluene	9.704	165	441383	61.441	ng		99
52) Acenaphthene	9.957	154	1737049	59.065	ng		99
53) 3-Nitroaniline	9.875	138	449553	60.945	ng		100
54) 2,4-Dinitrophenol	9.975	184	240530	60.329	ng	#	74
55) Dibenzofuran	10.127	168	2380973	56.781	ng		100
56) 4-Nitrophenol	10.027	139	343657	62.021	ng		98
57) 2,4-Dinitrotoluene	10.110	165	571731	60.461	ng		98
58) Fluorene	10.469	166	1840654	56.859	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	546621	60.002	ng		100
60) Diethylphthalate	10.345	149	1995827	57.552	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	977819	57.993	ng		97
62) 4-Nitroaniline	10.492	138	426741	59.702	ng		100
63) Azobenzene	10.622	77	1829282	56.784	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	330315	67.356	ng		98
66) n-Nitrosodiphenylamine	10.580	169	1583832	59.270	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	608246	59.044	ng		98
68) Hexachlorobenzene	11.016	284	673465	59.144	ng		97
70) Pentachlorophenol	11.204	266	462709	65.893	ng		100
71) Phenanthrene	11.433	178	2560092	57.232	ng		100
72) Anthracene	11.486	178	2570717	57.281	ng		100
73) Carbazole	11.633	167	2213331	57.284	ng		99
74) Di-n-butylphthalate	11.963	149	2916048	57.161	ng		99
75) Fluoranthene	12.616	202	2628993	55.984	ng		99
77) Benzidine	12.733	184	386007	58.309	ng		99
78) Pyrene	12.845	202	2562337	63.781	ng		99
80) Butylbenzylphthalate	13.463	149	1008043	63.676	ng		100
81) Benzo(a)anthracene	14.033	228	1850347	60.040	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	553078	62.091	ng		100
83) Chrysene	14.068	228	1705257	61.596	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	1337474	61.582	ng		99
85) Di-n-octyl phthalate	14.633	149	1953184	64.613	ng		99
87) Indeno(1,2,3-cd)pyrene	17.009	276	1799372	68.115	ng		100
88) Benzo(b)fluoranthene	15.080	252	1698744	61.481	ng		99
89) Benzo(k)fluoranthene	15.115	252	1478389	61.253	ng		100
90) Benzo(a)pyrene	15.451	252	1323726	60.747	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	1459934	66.981	ng		99
92) Benzo(g,h,i)perylene	17.462	276	1425582	65.942	ng		99

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

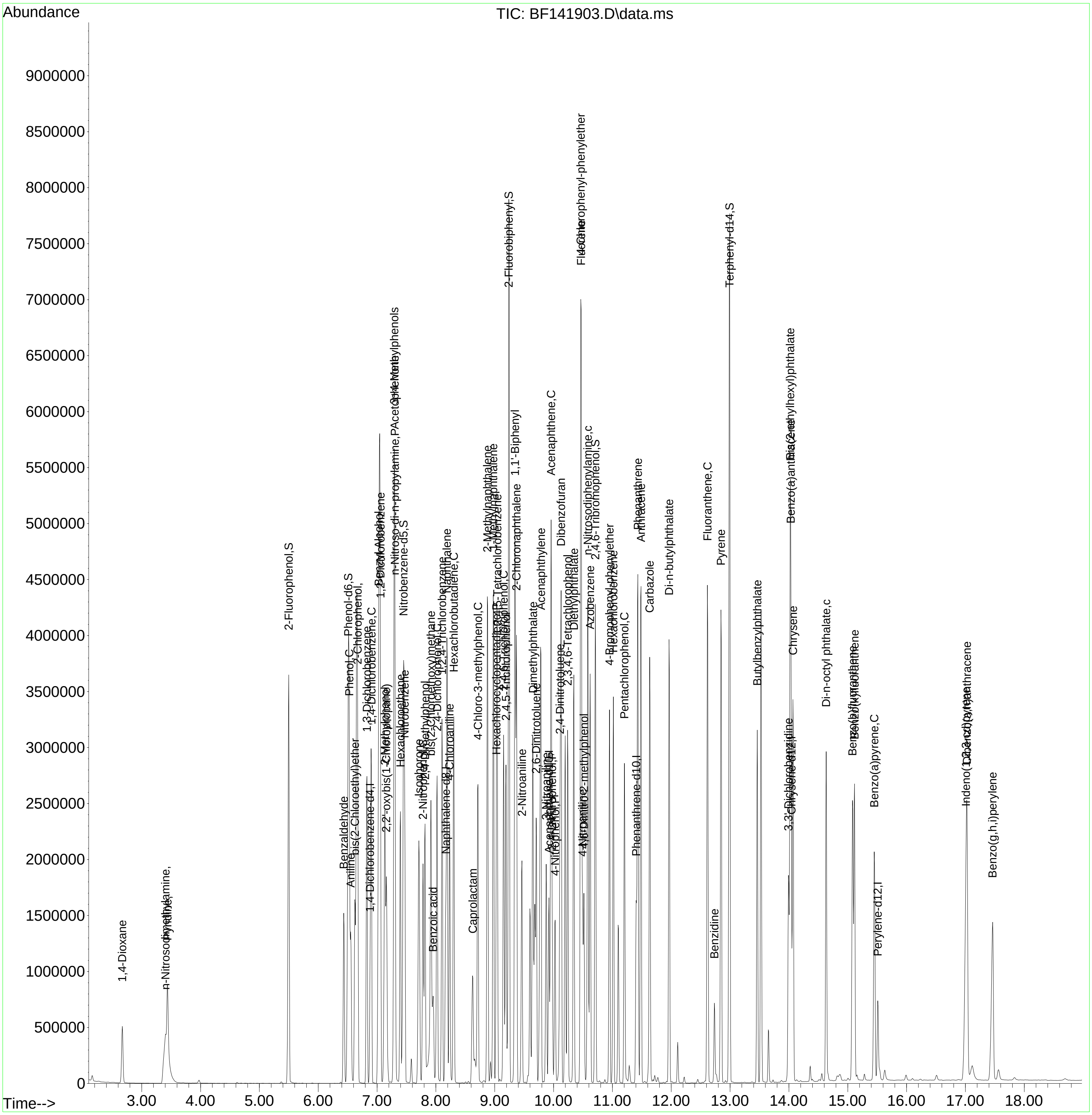
Quantitation Report (QT Reviewed)

ICAL Form

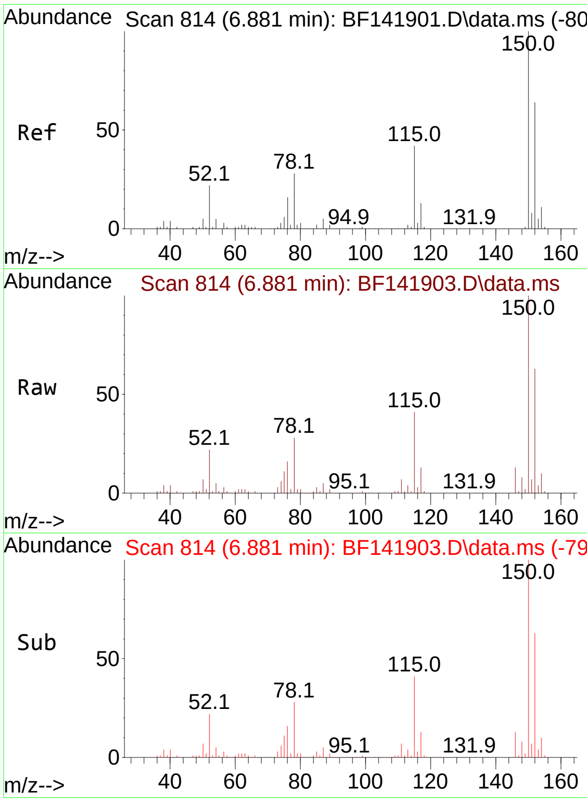
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141903.D
Acq On : 10 Mar 2025 13:57
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :	
BNA_F	
ClientSampleId :	
SSTDICC060	

Quant Time: Mar 10 15:37:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



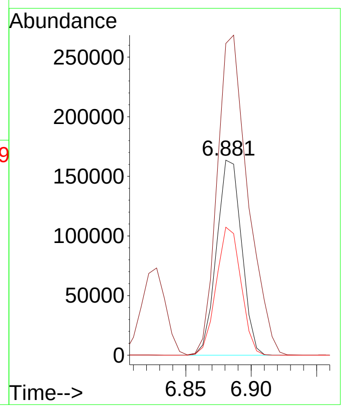
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

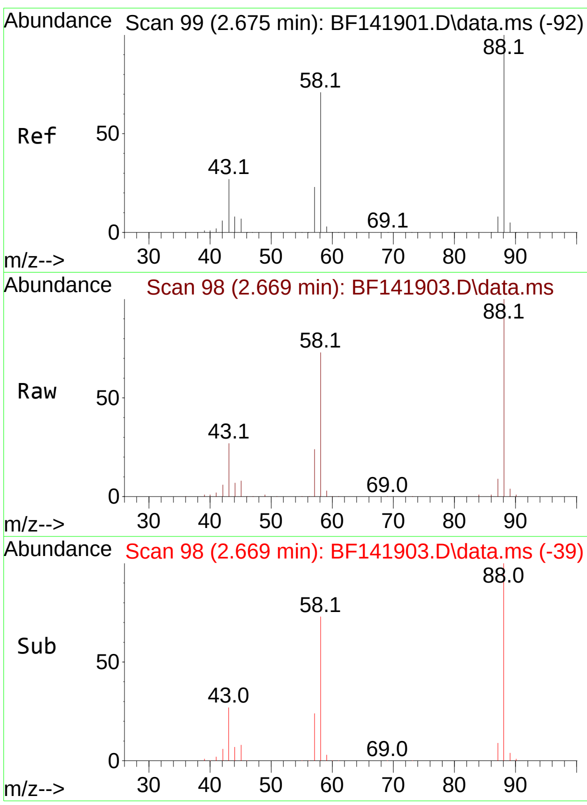


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:152 Resp: 216861

Ion	Ratio	Lower	Upper
152	100		
150	159.8	127.4	191.2
115	65.7	51.9	77.9

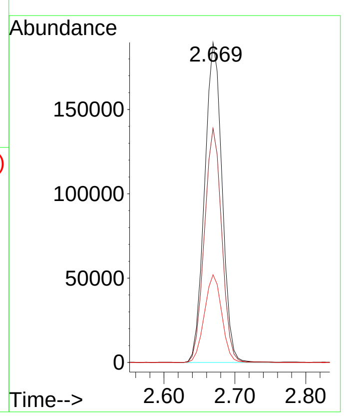




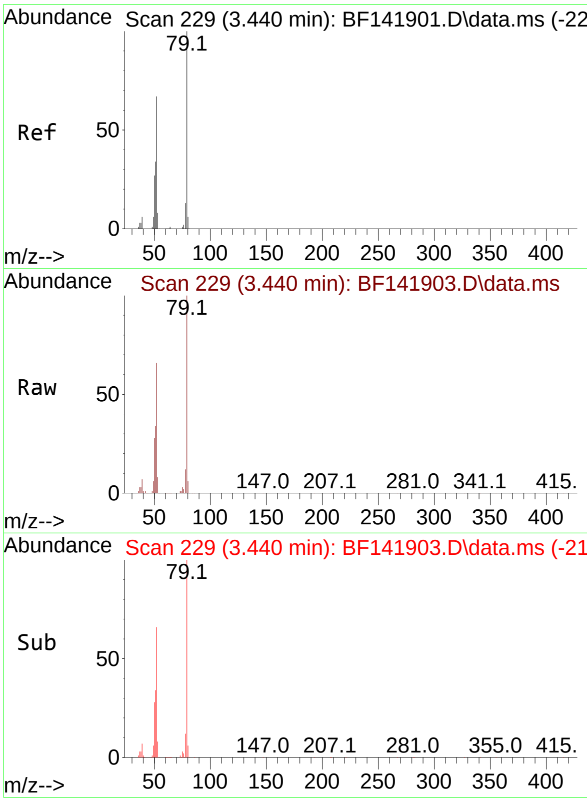
#2
1,4-Dioxane
Concen: 59.832 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 88 Resp: 325927

Ion	Ratio	Lower	Upper
88	100		
58	72.5	57.4	86.2
43	27.4	21.5	32.3



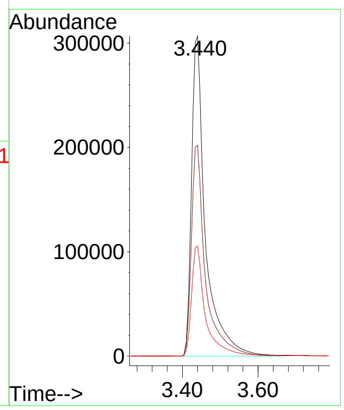
Instrument : BNA_F
ClientSampleId : SSTDICC060

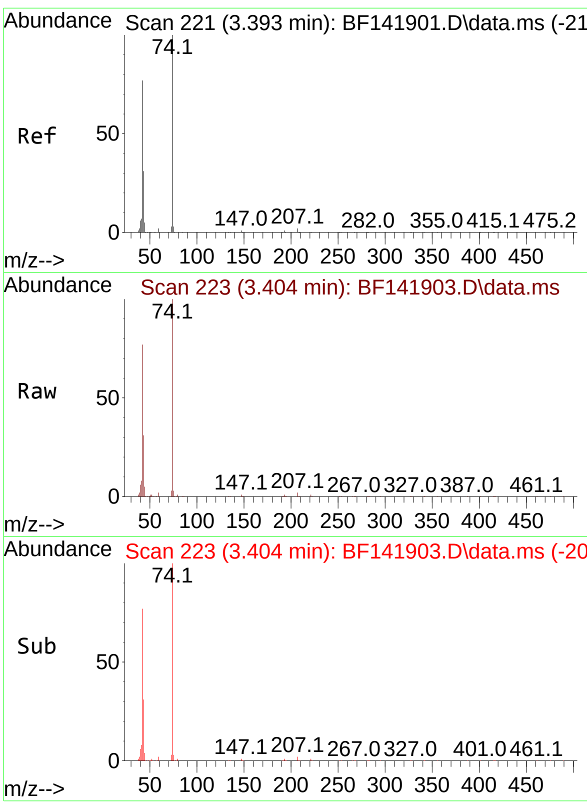


#3
Pyridine
Concen: 58.753 ng
RT: 3.440 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 79 Resp: 786537

Ion	Ratio	Lower	Upper
79	100		
52	65.9	53.3	79.9
51	34.4	27.6	41.4

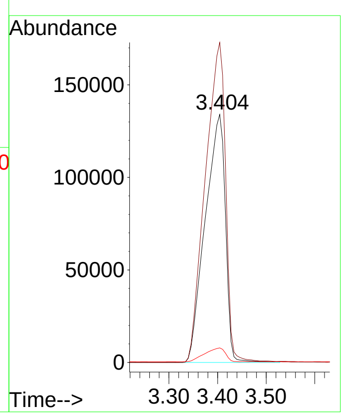




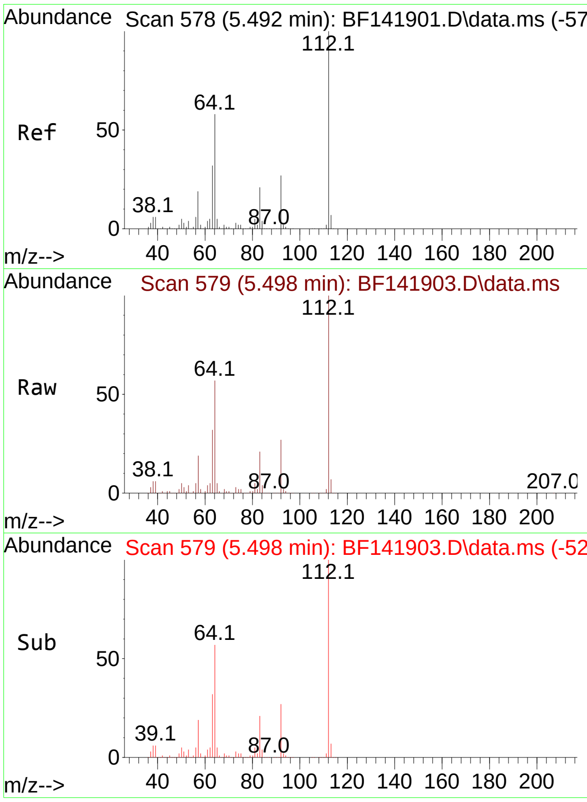
#4
n-Nitrosodimethylamine
Concen: 60.759 ng
RT: 3.404 min Scan# 223
Delta R.T. 0.012 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 42 Resp: 386646

Ion	Ratio	Lower	Upper
42	100		
74	129.0	103.4	155.0
44	5.8	5.0	7.4



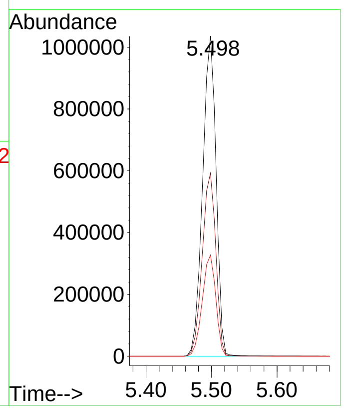
Instrument : BNA_F
ClientSampleId : SSTDICC060

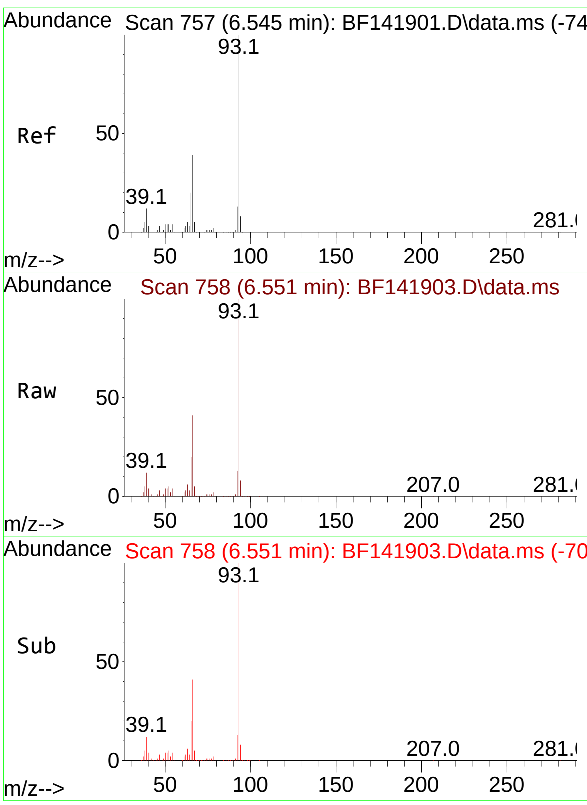


#5
2-Fluorophenol
Concen: 114.705 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:112 Resp: 1490872

Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.5	69.7
63	31.6	25.4	38.2

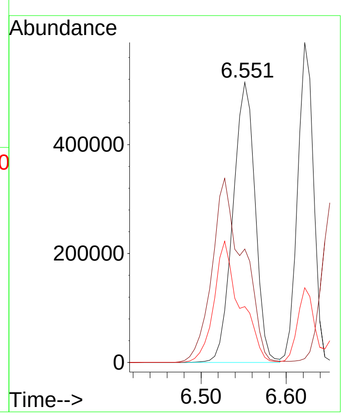




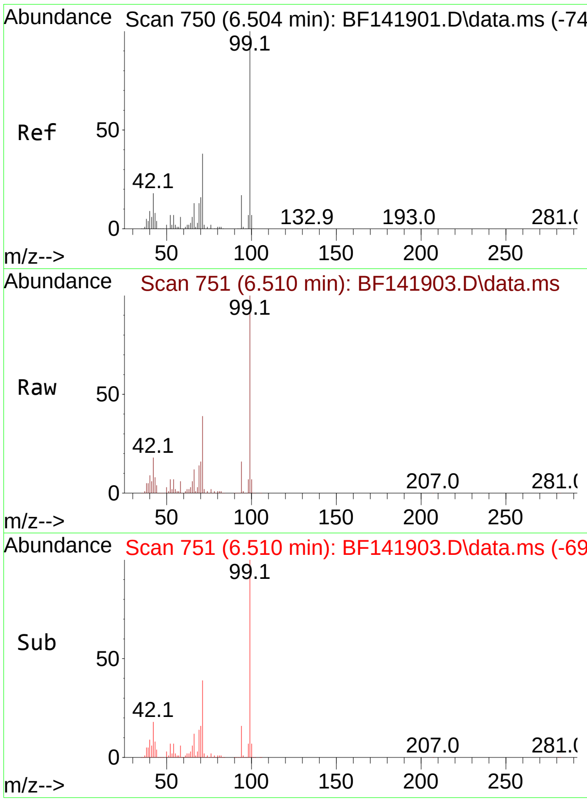
#6
Aniline
Concen: 57.146 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 93 Resp: 933875

Ion	Ratio	Lower	Upper
93	100		
66	40.5	31.9	47.9
65	19.9	15.8	23.6



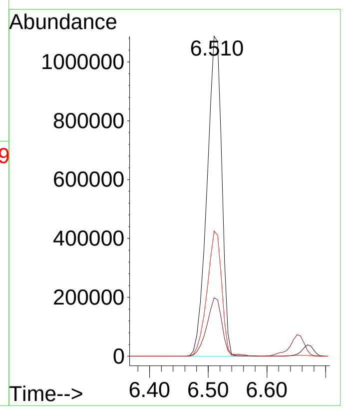
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

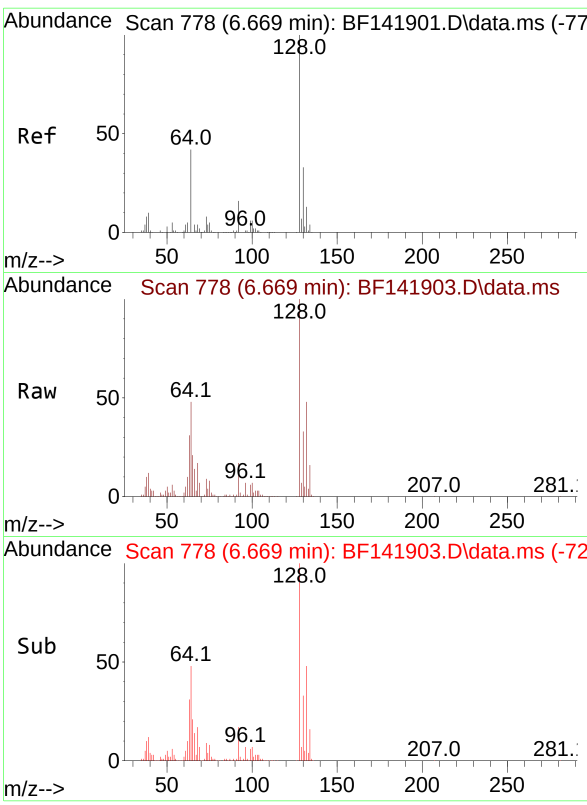


#7
Phenol-d6
Concen: 115.601 ng
RT: 6.510 min Scan# 7!
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 99 Resp: 1913610

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	21.8
71	39.1	30.8	46.2

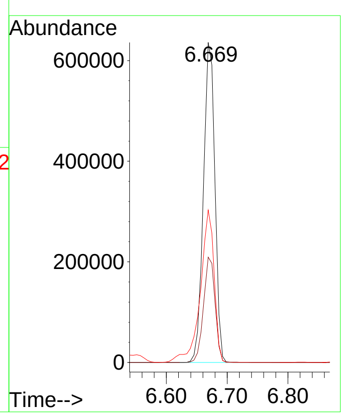




#8
2-Chlorophenol
Concen: 58.000 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:128 Resp: 835549

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	47.6	24.4	64.4



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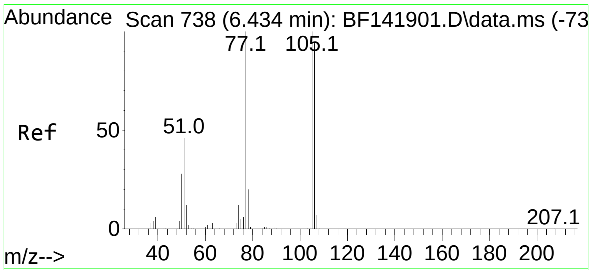
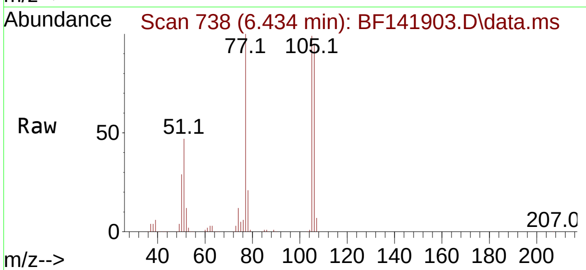
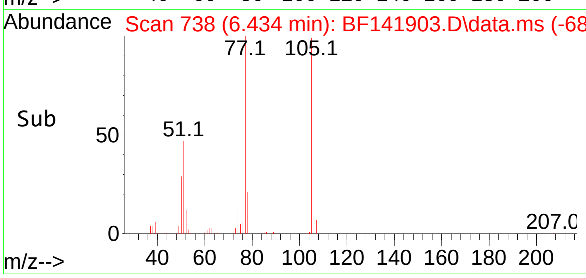
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



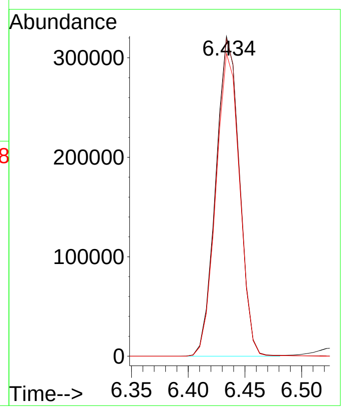


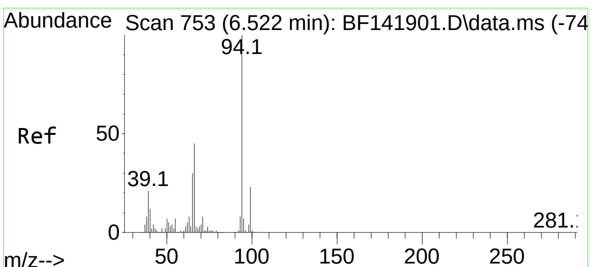


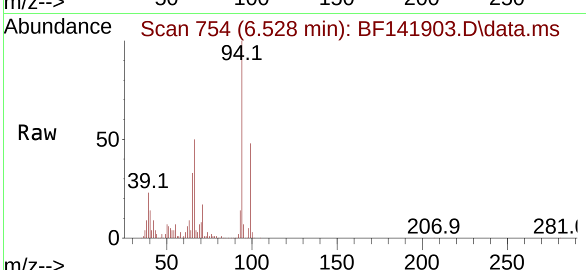
#9
Benzaldehyde
Concen: 50.311 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

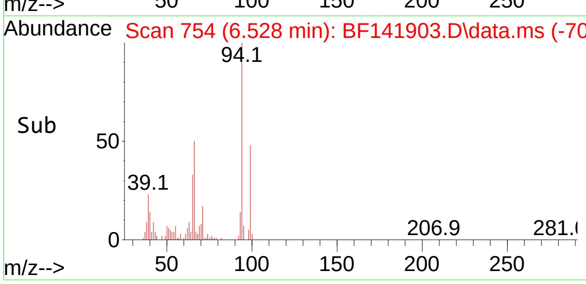
Tgt Ion: 77 Resp: 465511

Ion	Ratio	Lower	Upper
77	100		
105	99.3	80.0	120.0
106	94.7	74.5	114.5





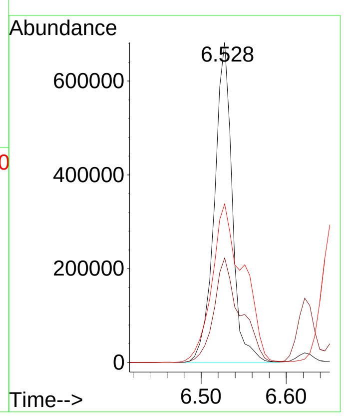




#10
Phenol
Concen: 57.074 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 94 Resp: 996848

Ion	Ratio	Lower	Upper
94	100		
65	32.6	10.5	50.5
66	49.5	25.8	65.8



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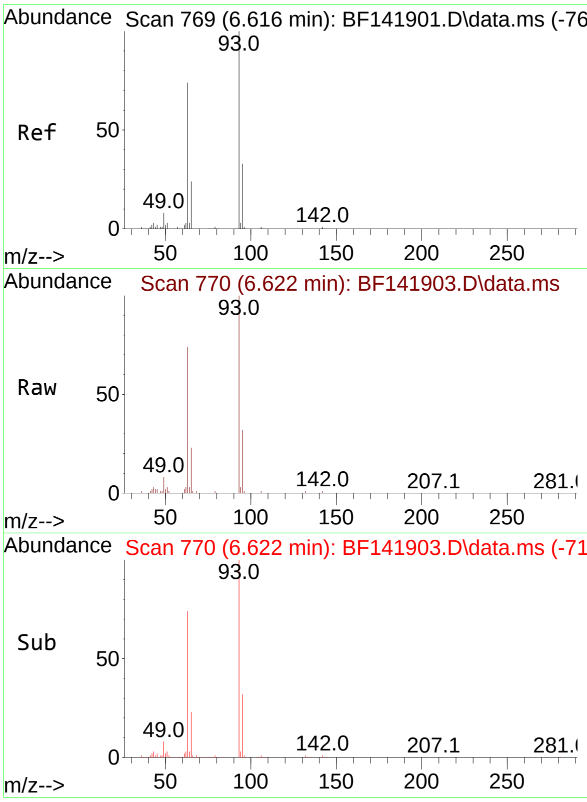
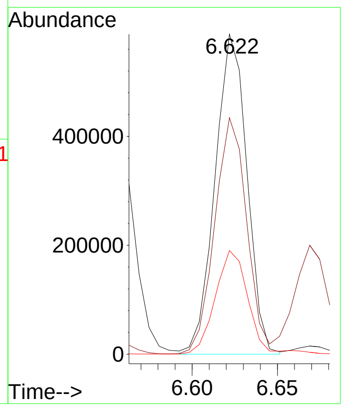


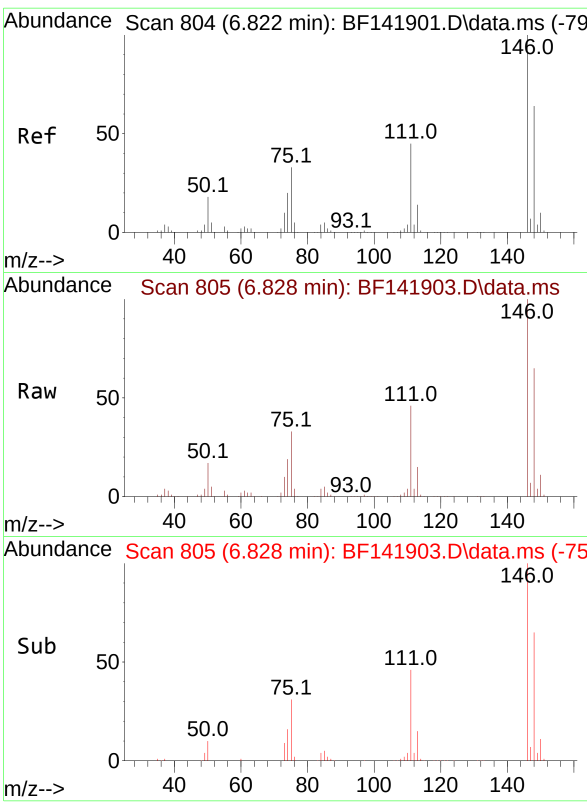
#11
bis(2-Chloroethyl)ether
Concen: 58.464 ng
RT: 6.622 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 765071

Ion	Ratio	Lower	Upper
93	100		
63	73.9	53.0	93.0
95	32.4	12.9	52.9

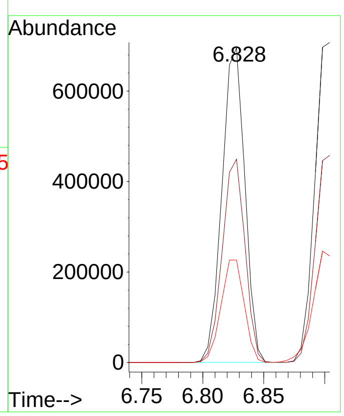




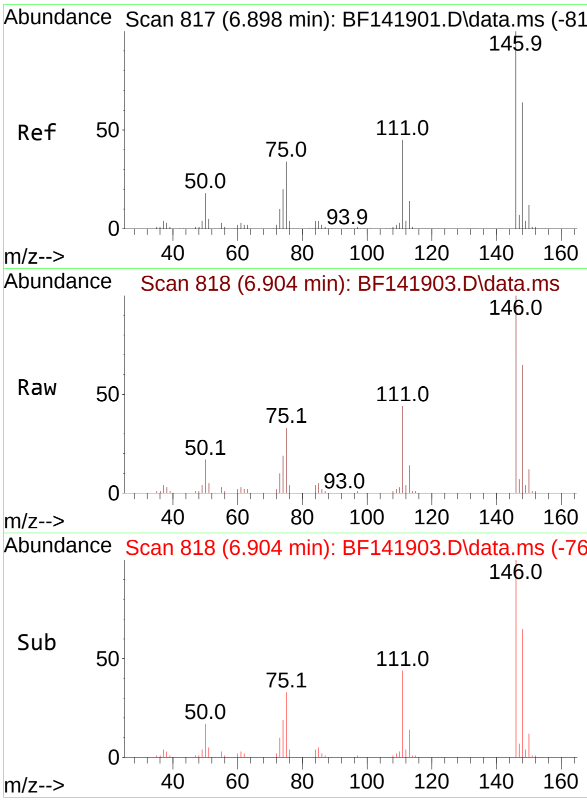
#12
1,3-Dichlorobenzene
Concen: 58.540 ng
RT: 6.828 min Scan# 805
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:146 Resp: 911340

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
75	32.6	26.6	40.0



ICAL Form



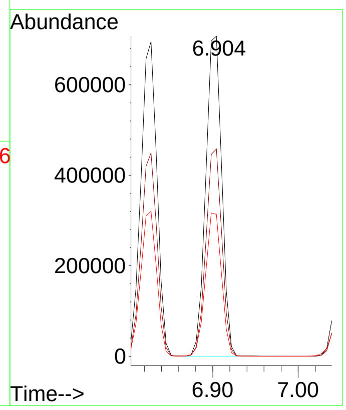
#13
1,4-Dichlorobenzene
Concen: 58.635 ng
RT: 6.904 min   Scan# 8

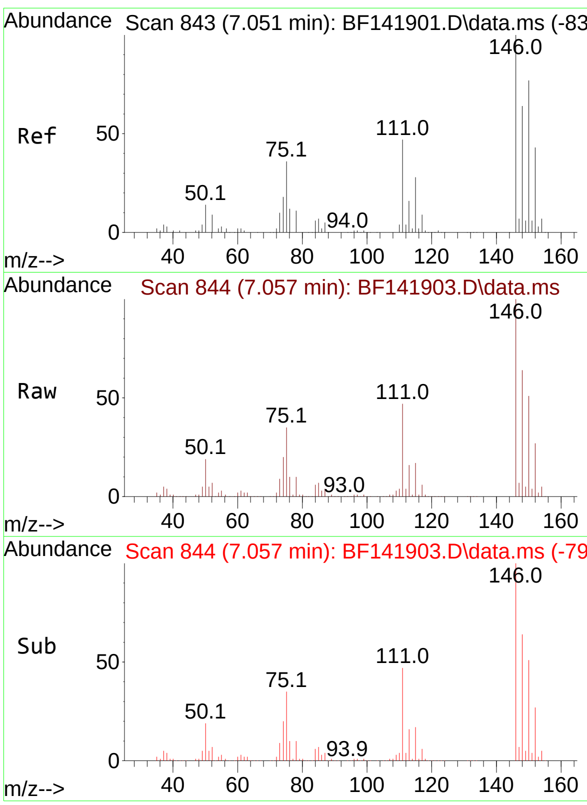
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Delta R.T.   0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025   13:57

Tgt Ion:146 Resp: 923545

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
111	44.4	35.7	53.5

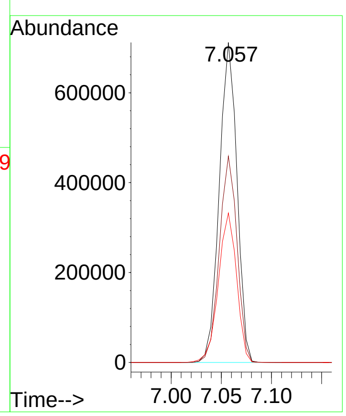




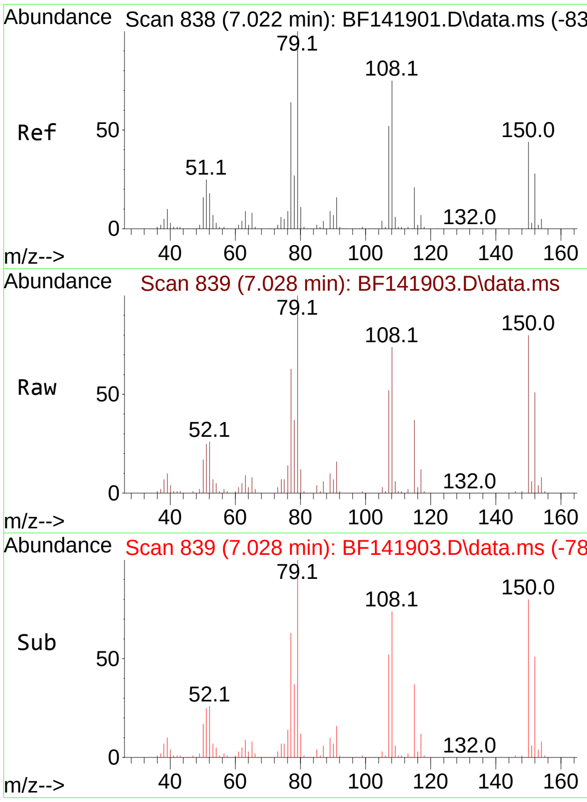
#14
1,2-Dichlorobenzene
Concen: 58.898 ng
RT: 7.057 min   Scan# 844
Delta R.T.   0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025   13:57

Tgt Ion:146 Resp: 873604

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	46.7	38.0	57.0



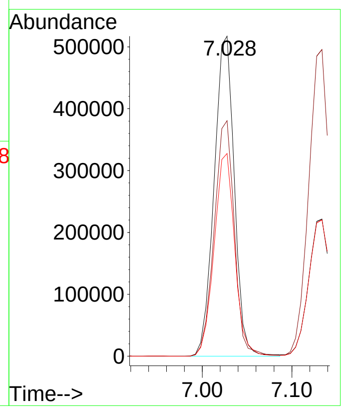
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

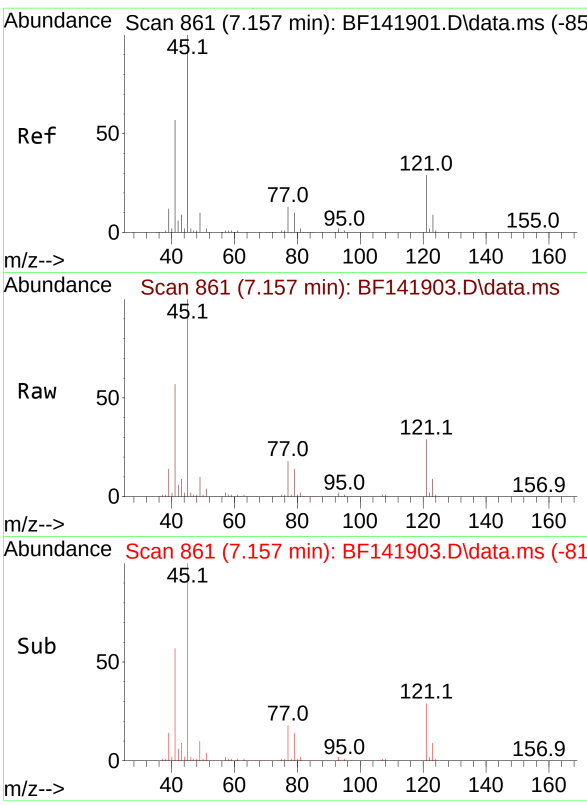


#15
Benzyl Alcohol
Concen: 60.480 ng
RT: 7.028 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 79 Resp: 810347

Ion	Ratio	Lower	Upper
79	100		
108	73.6	59.7	89.5
77	63.4	51.0	76.6

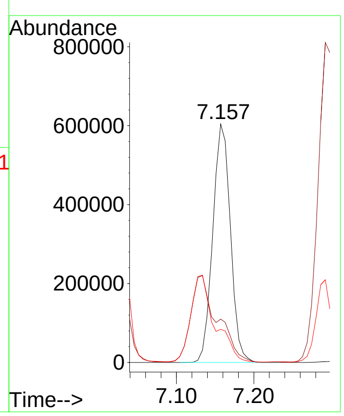


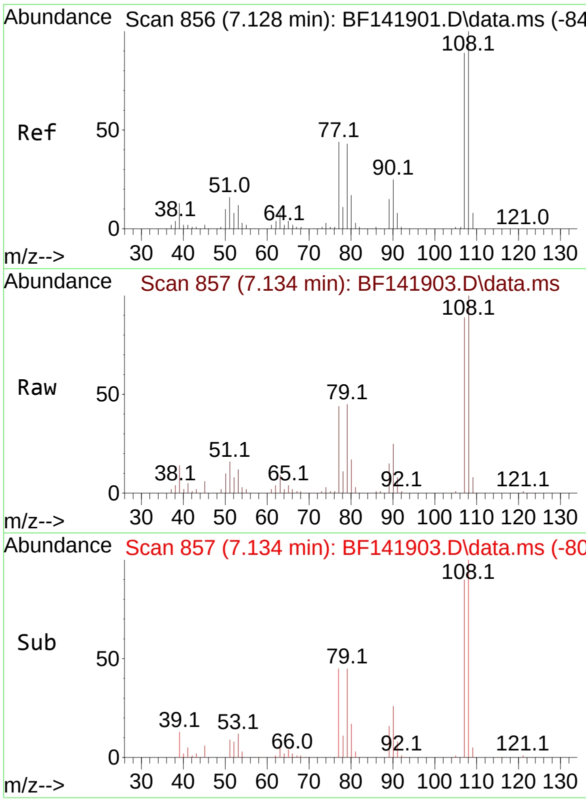


#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.730 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 45 Resp: 957808

Ion	Ratio	Lower	Upper
45	100		
77	18.2	0.0	37.8
79	13.9	0.0	34.2





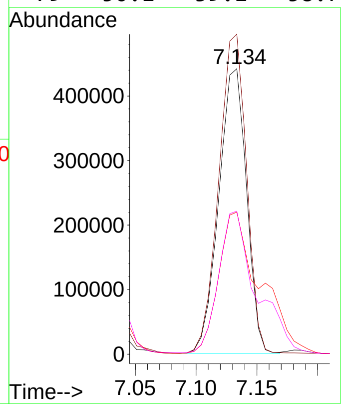
#17
2-Methylphenol
Concen: 61.285 ng
RT: 7.134 min Scan# 8

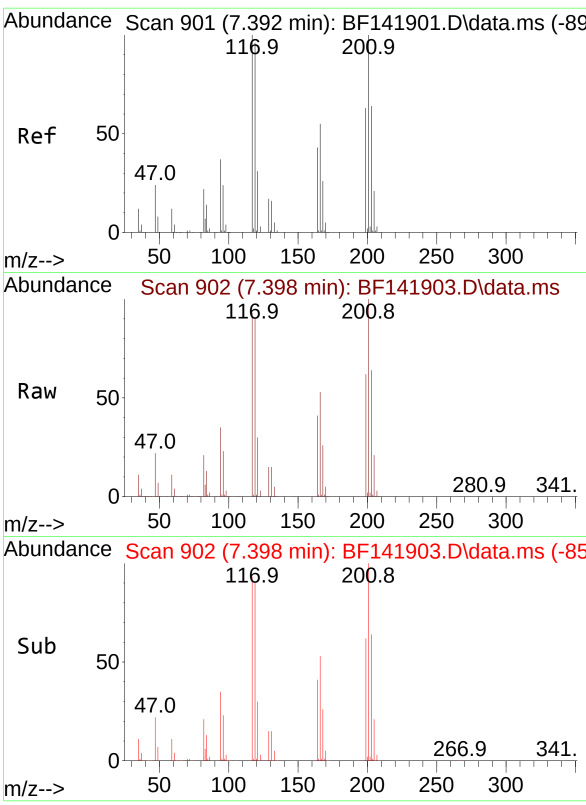
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:107 Resp: 701676

Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.2	135.2
77	49.8	39.6	59.4
79	50.1	39.1	58.7

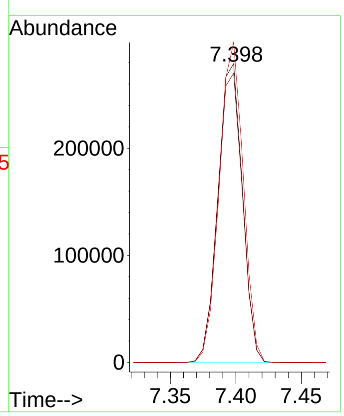




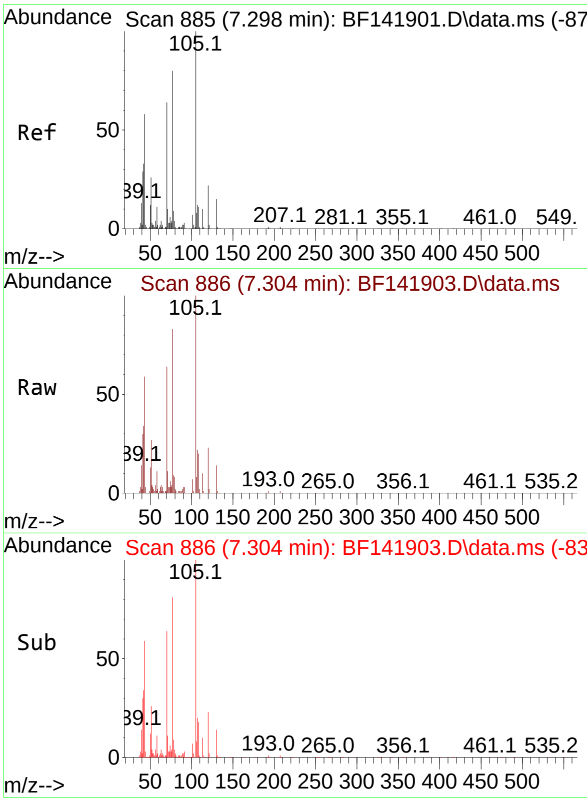
#18
Hexachloroethane
Concen: 61.734 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:117 Resp: 364561

Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.9	115.3
201	107.1	79.9	119.9



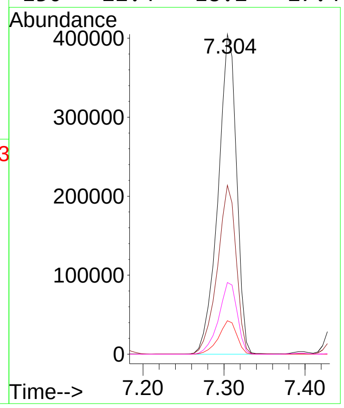
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

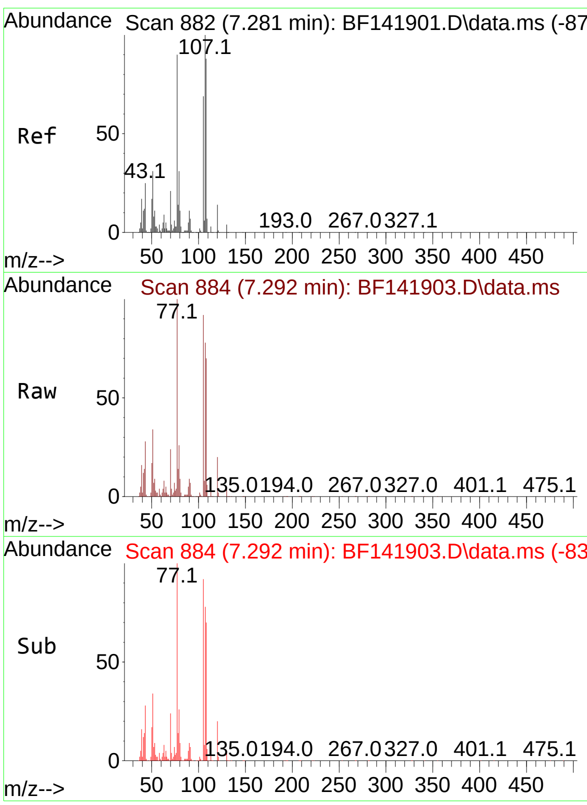


#19
n-Nitroso-di-n-propylamine
Concen: 60.576 ng
RT: 7.304 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 70 Resp: 644501

Ion	Ratio	Lower	Upper
70	100		
42	52.8	41.4	62.0
101	10.4	8.2	12.2
130	22.4	18.2	27.4

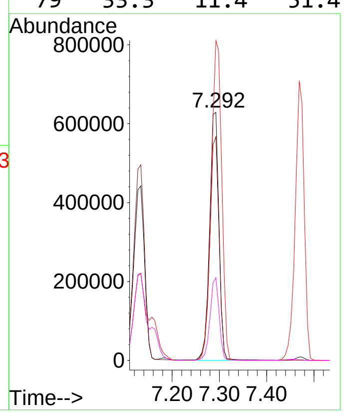




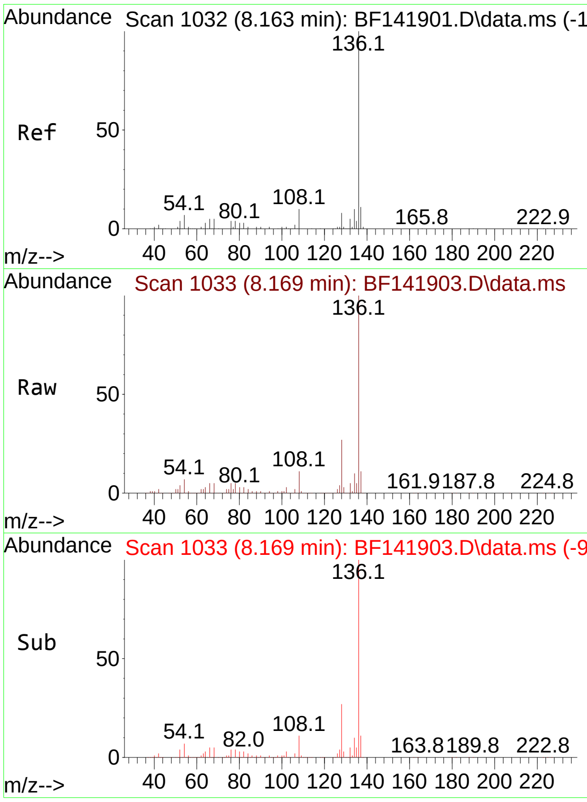
#20
3+4-Methylphenols
Concen: 59.116 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:107 Resp: 868157

Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.4	108.4
77	128.9	69.7	109.7#
79	33.3	11.4	51.4



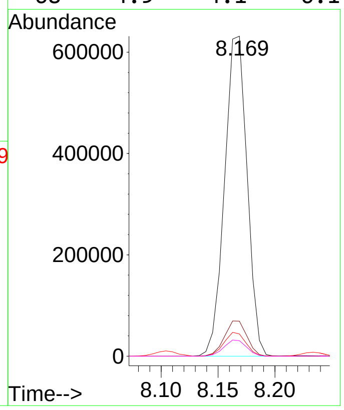
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

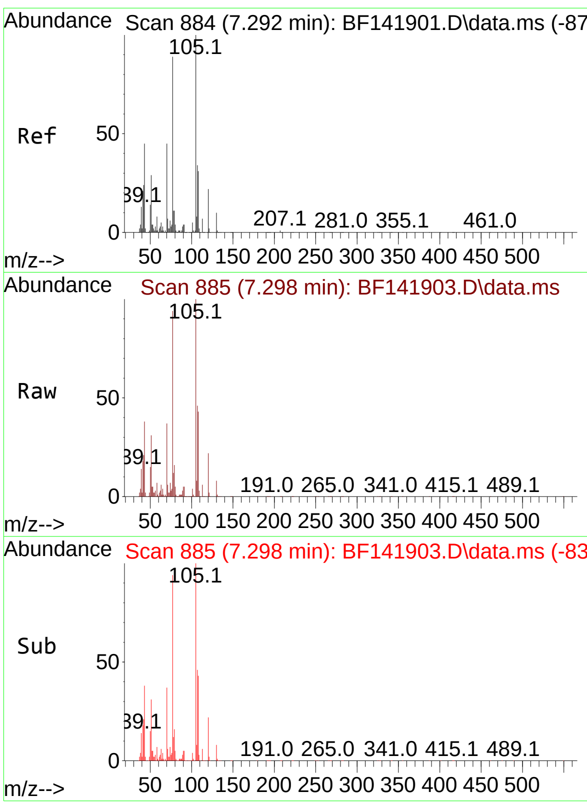


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:136 Resp: 872222

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.0	5.8	8.8
68	4.9	4.1	6.1

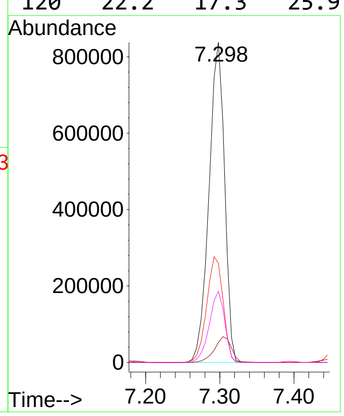




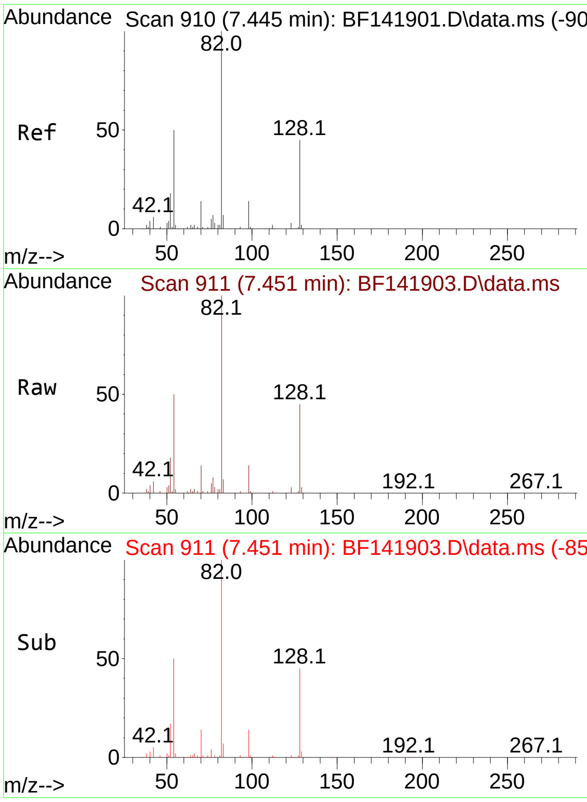
#22
Acetophenone
Concen: 58.635 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:105 Resp: 1226859

Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.8	8.8
51	31.1	23.4	35.0
120	22.2	17.3	25.9



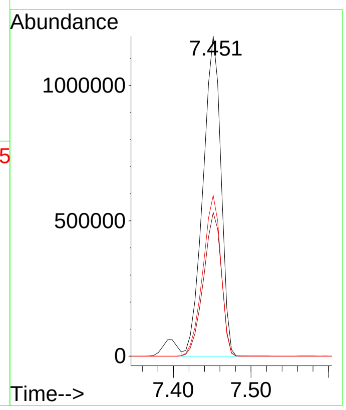
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

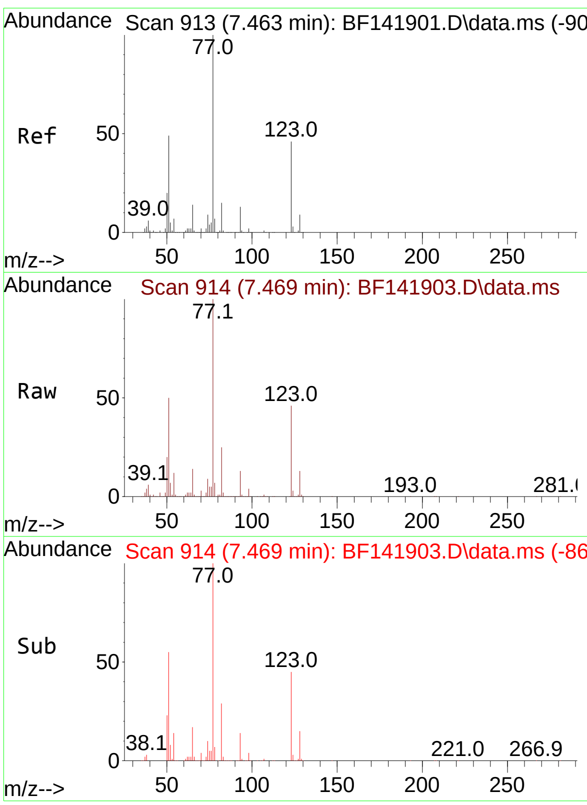


#23
Nitrobenzene-d5
Concen: 122.074 ng
RT: 7.451 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 82 Resp: 1899726

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.0	54.0
54	50.3	39.6	59.4

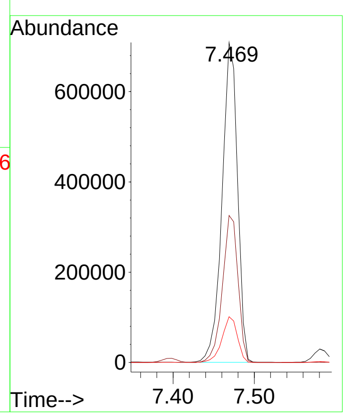




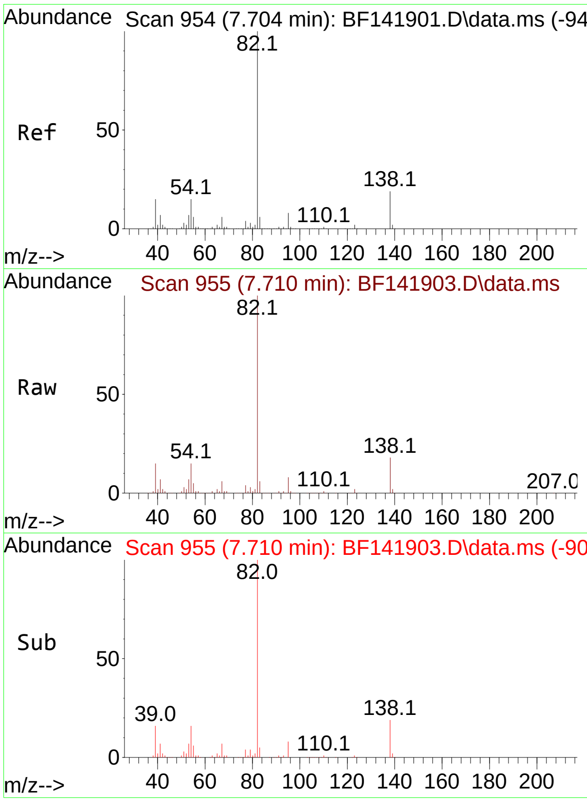
#24
Nitrobenzene
Concen: 60.889 ng
RT: 7.469 min Scan# 914
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 77 Resp: 939508

Ion	Ratio	Lower	Upper
77	100		
123	45.9	37.0	55.4
65	14.3	11.3	16.9



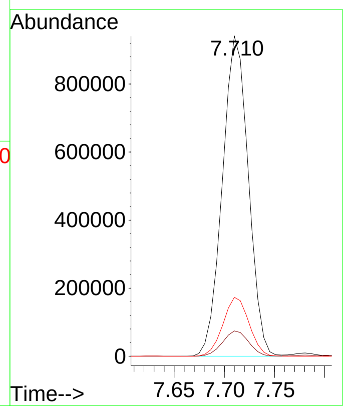
Instrument : BNA_F
ClientSampleId : SSTDICC060

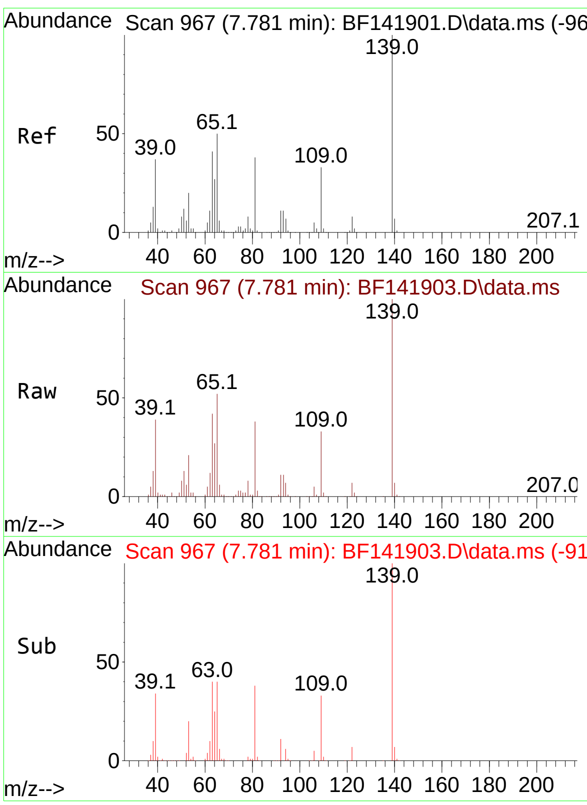


#25
Isophorone
Concen: 61.720 ng
RT: 7.710 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 82 Resp: 1695749

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.4	9.6
138	18.4	14.9	22.3

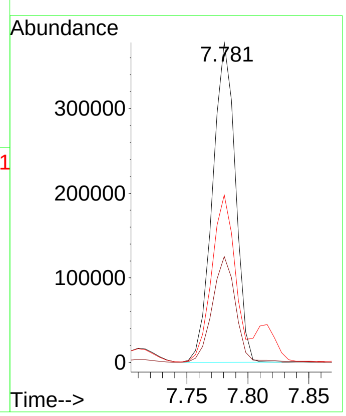




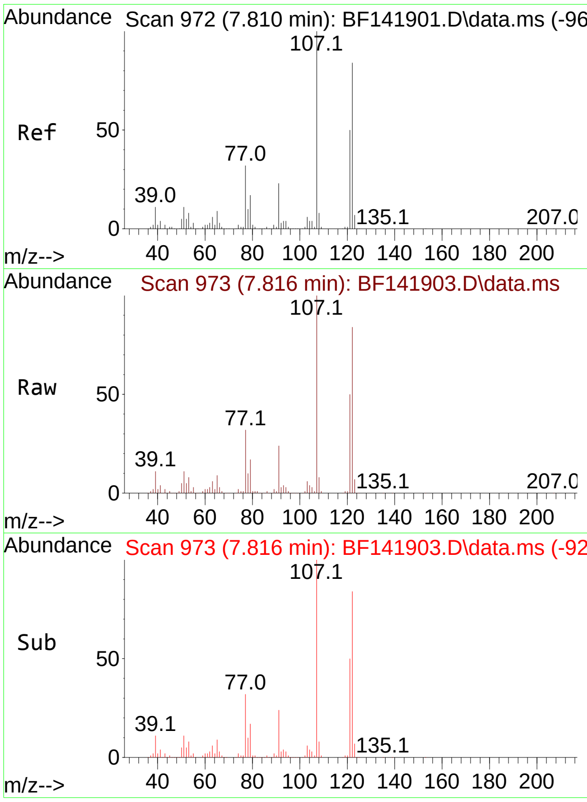
#26
2-Nitrophenol
Concen: 64.978 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:139 Resp: 491301

Ion	Ratio	Lower	Upper
139	100		
109	33.1	26.5	39.7
65	52.3	40.3	60.5



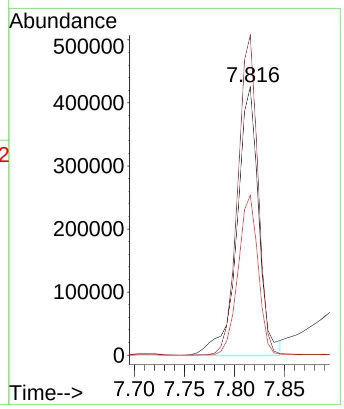
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

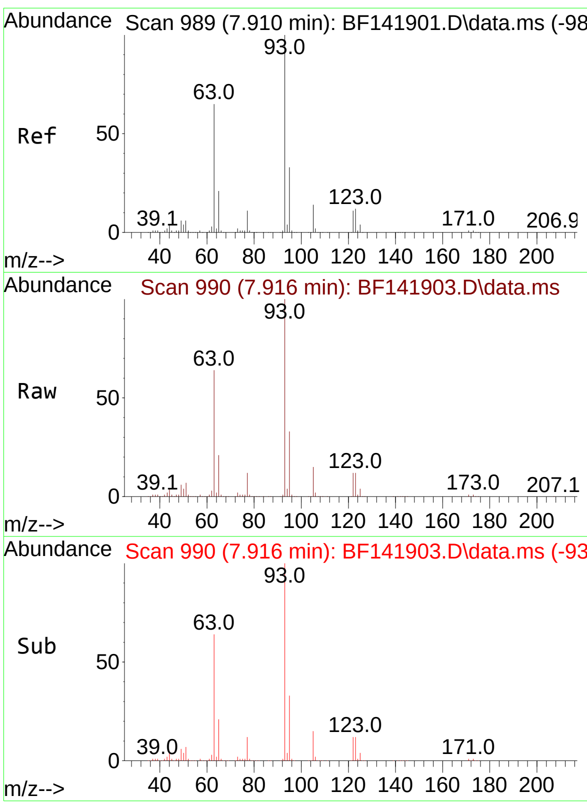


#27
2,4-Dimethylphenol
Concen: 61.408 ng
RT: 7.816 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:122 Resp: 639505

Ion	Ratio	Lower	Upper
122	100		
107	119.4	94.8	142.2
121	59.7	47.8	71.6

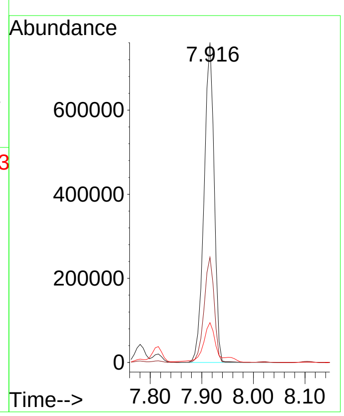




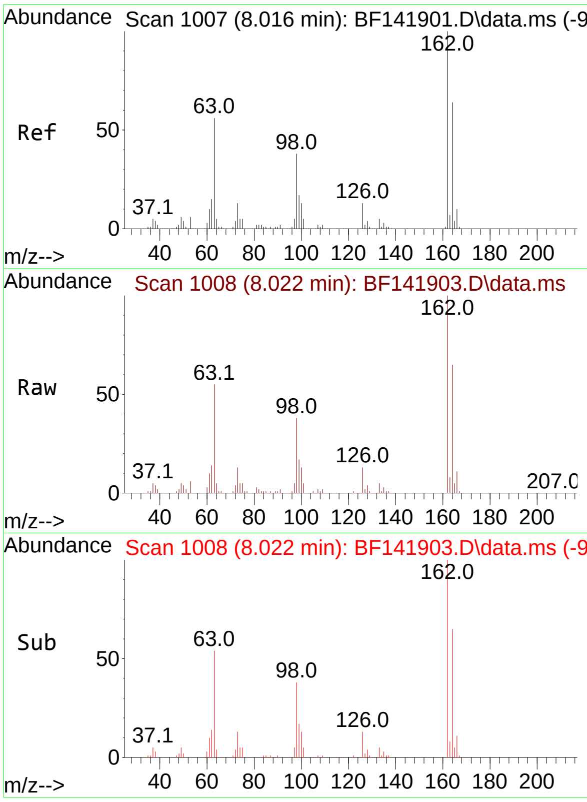
#28
bis(2-Chloroethoxy)methane
Concen: 60.422 ng
RT: 7.916 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 93 Resp: 1039951

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	40.0
123	12.5	10.2	15.4



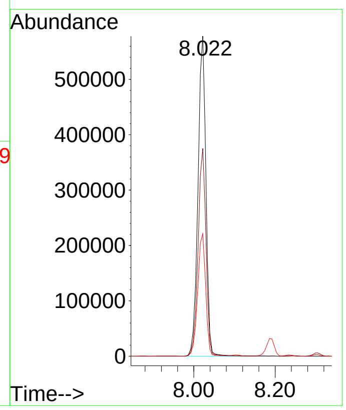
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

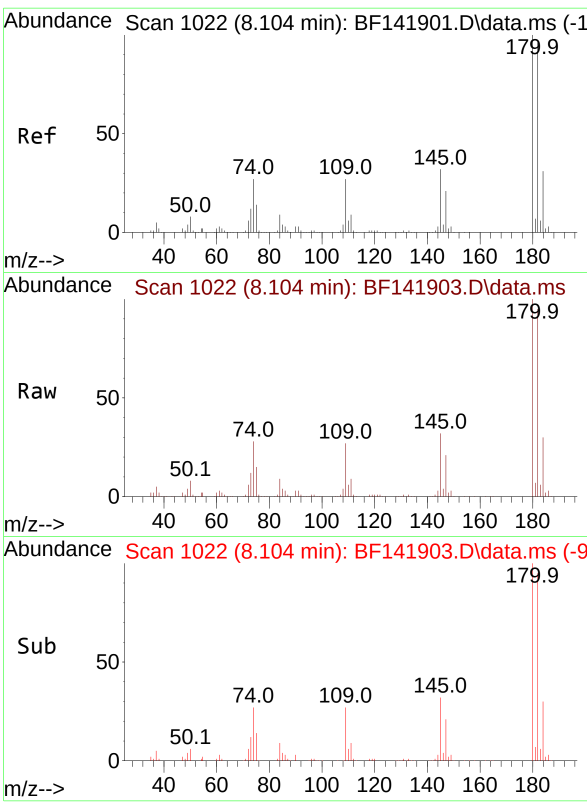


#29
2,4-Dichlorophenol
Concen: 61.272 ng
RT: 8.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:162 Resp: 791904

Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.8	83.8
98	38.3	18.1	58.1

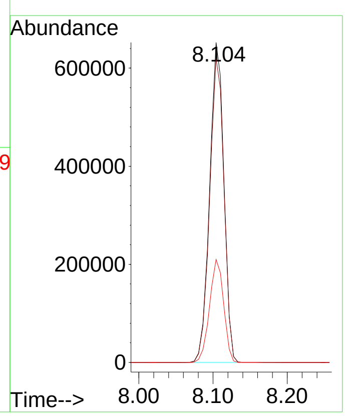




#30
1,2,4-Trichlorobenzene
Concen: 61.044 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:180 Resp: 870403

Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.5	116.3
145	32.2	25.8	38.6



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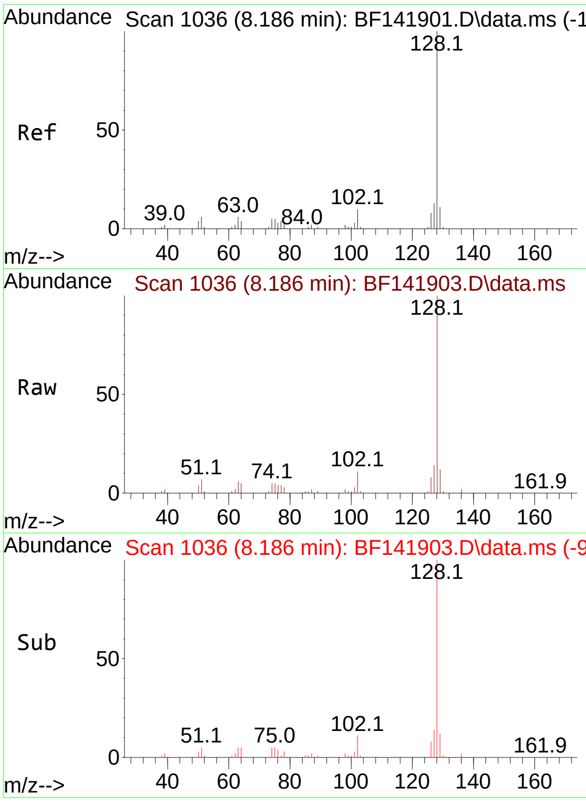
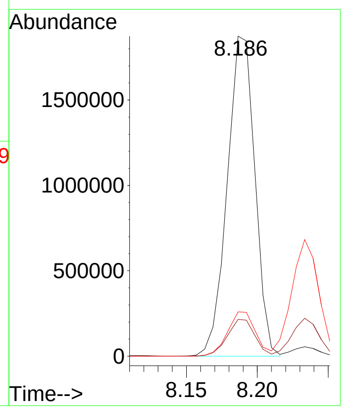
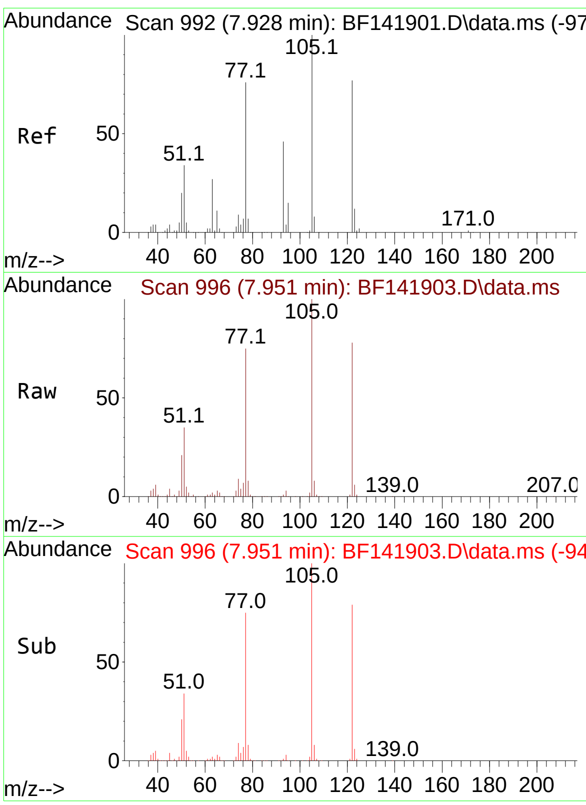
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

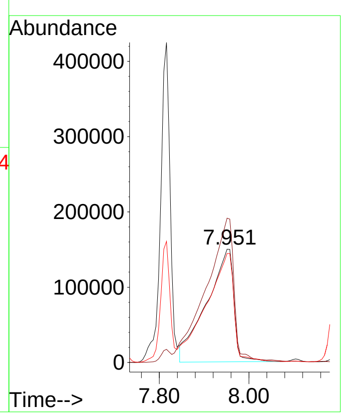



```
#31
Naphthalene
Concen:   56.961 ng
RT:   8.186 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141903.D
Acq: 10 Mar 2025  13:57

Tgt Ion:128 Resp: 2545181
Ion  Ratio  Lower  Upper
128  100
129   11.5    9.0   13.6
127   13.8   10.8   16.2
```

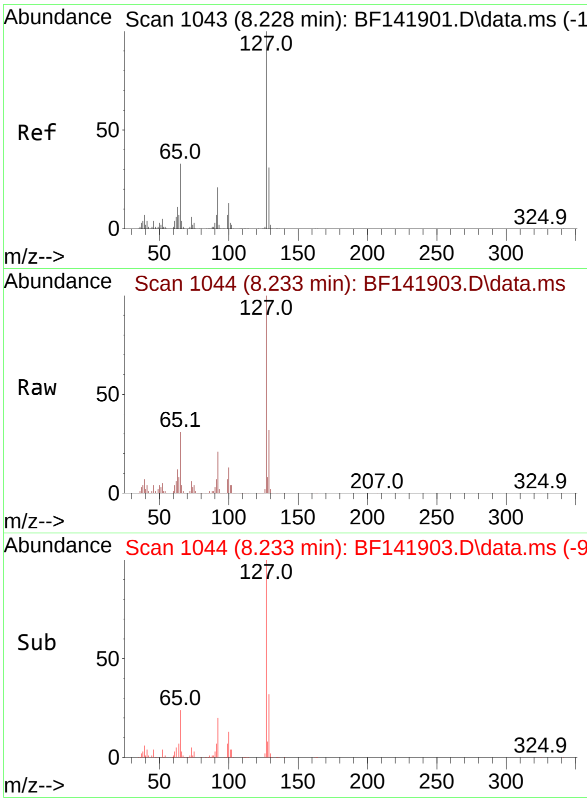





```
#32
Benzoic acid
Concen:   69.664 ng
RT:   7.951 min  Scan# 996
Delta R.T.  0.023 min
Lab File:   BF141903.D
Acq: 10 Mar 2025  13:57

Tgt Ion:122 Resp:  634105
Ion  Ratio  Lower  Upper
122  100
105  127.5  107.9  147.9
 77   96.2   79.0  119.0
```



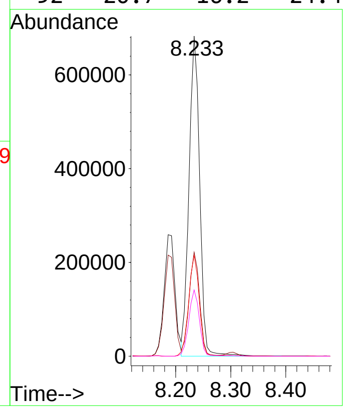
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

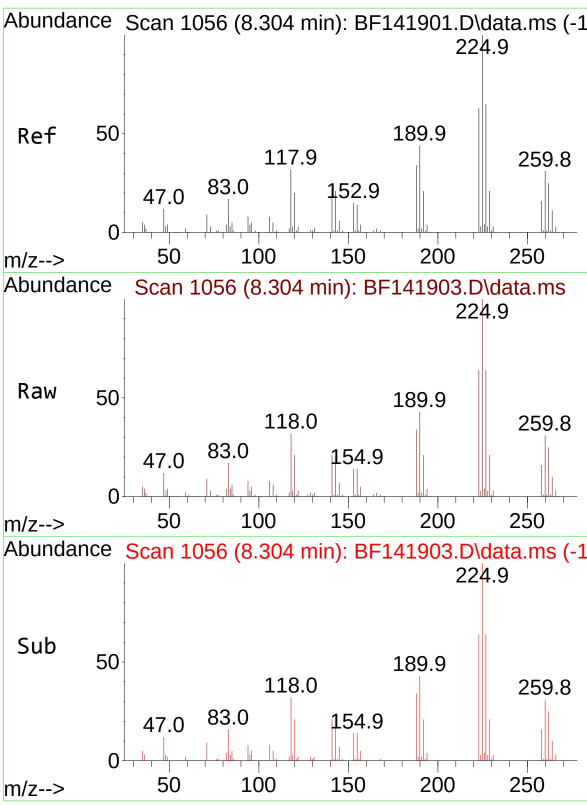


#33
4-Chloroaniline
Concen: 58.348 ng
RT: 8.233 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:127 Resp: 920015

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	31.5	25.4	38.2
92	20.7	16.2	24.4

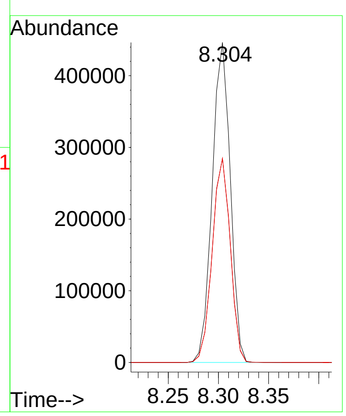




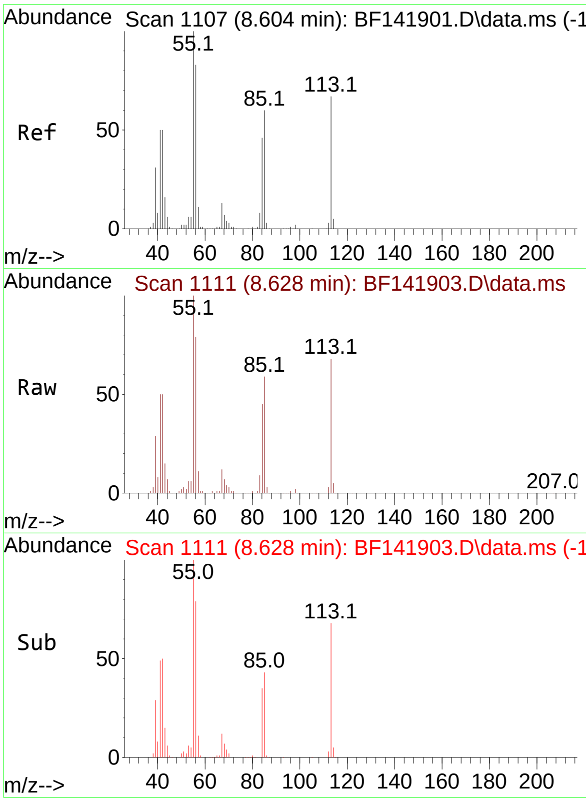
#34
Hexachlorobutadiene
Concen: 60.397 ng
RT: 8.304 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:225 Resp: 559955

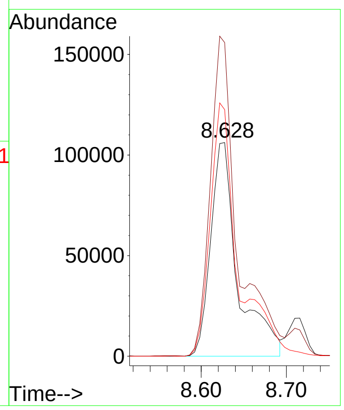
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	75.8
227	63.8	52.2	78.2

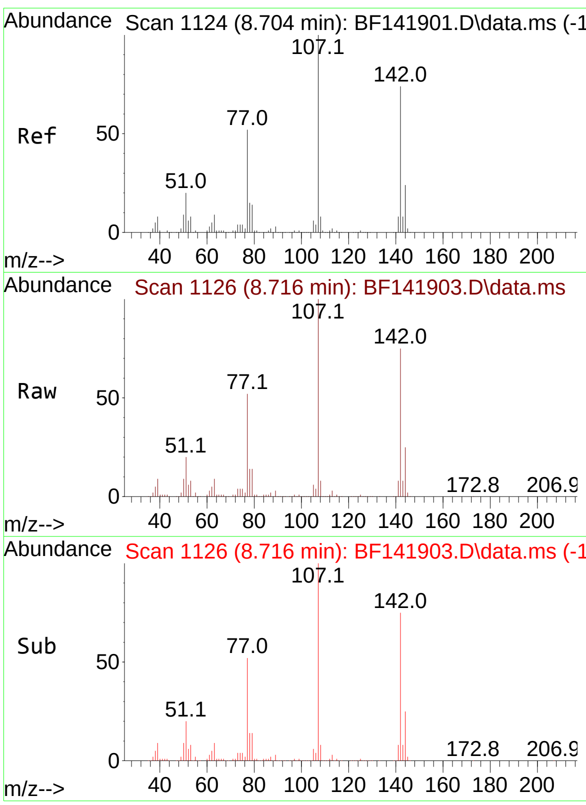


Instrument : BNA_F
ClientSampleId : SSTDICC060

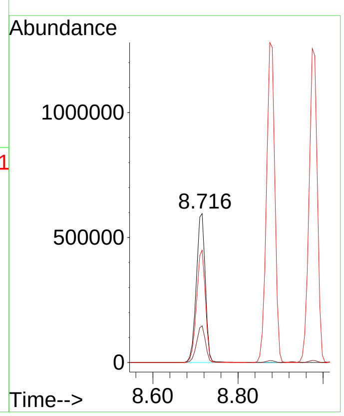



```
#35
Caprolactam
Concen:   60.015 ng
RT:   8.628 min   Scan# 1
Delta R.T.   0.024 min
Lab File:    BF141903.D
Acq: 10 Mar 2025   13:57

Tgt Ion:113 Resp:   235861
Ion   Ratio   Lower   Upper
113   100
 55   146.7   129.6   169.6
 56   115.4   104.0   144.0
```






```
#36
4-Chloro-3-methylphenol
Concen:   60.807 ng
RT:   8.716 min   Scan# 1126
Delta R.T.   0.012 min
Lab File:    BF141903.D
Acq: 10 Mar 2025   13:57

Tgt Ion:107 Resp:   874022
Ion   Ratio   Lower   Upper
107   100
144    24.6    19.0    28.6
142    75.4    59.2    88.8
```



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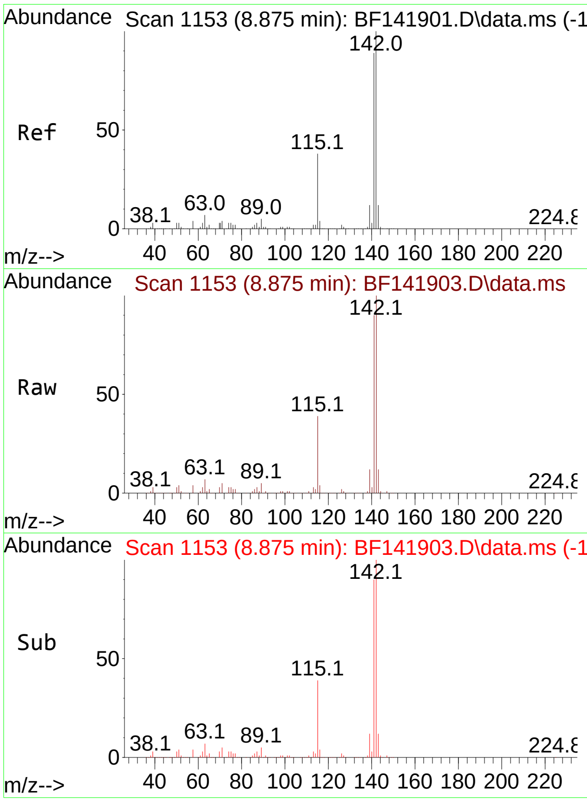
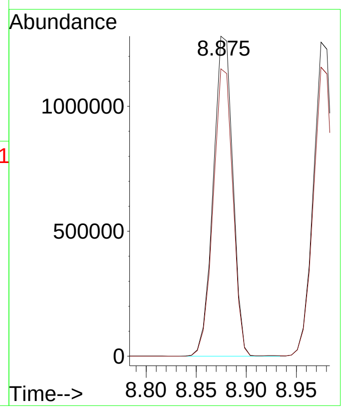


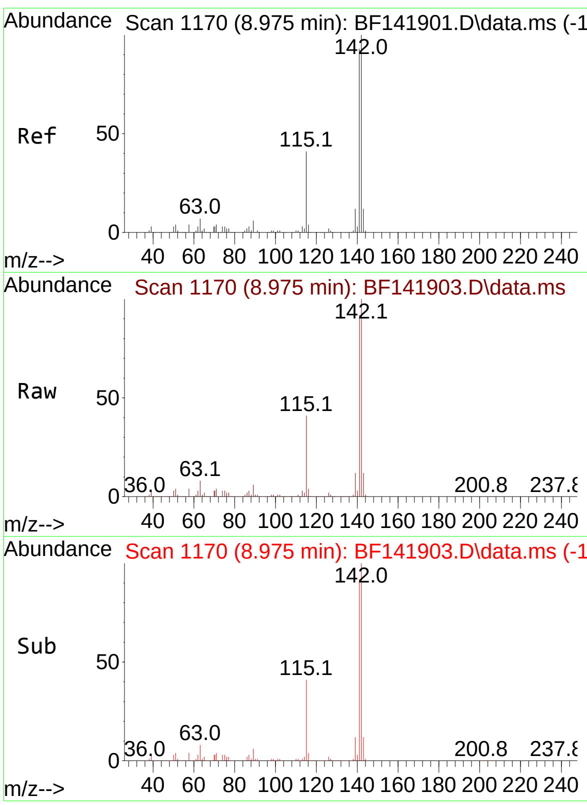
#37
2-Methylnaphthalene
Concen: 58.187 ng
RT: 8.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1744374

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.2	106.8

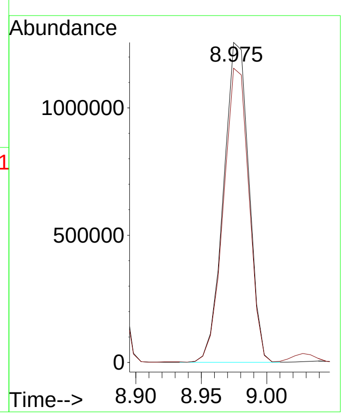




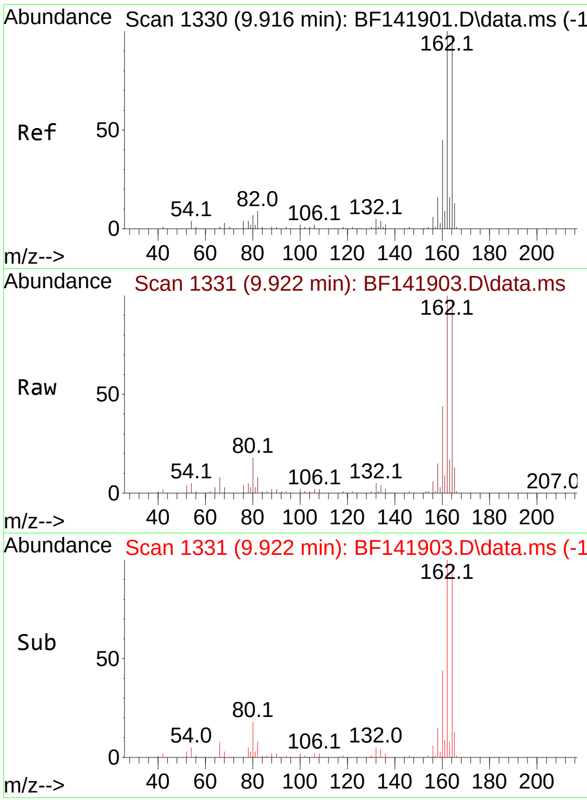
#38
1-Methylnaphthalene
Concen: 58.285 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:142 Resp: 1692113

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4



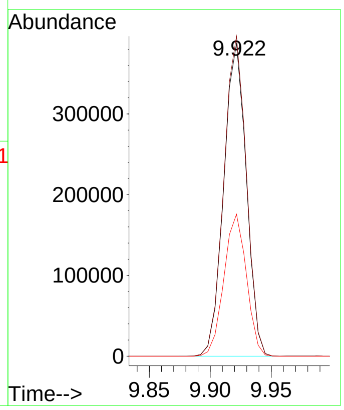
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

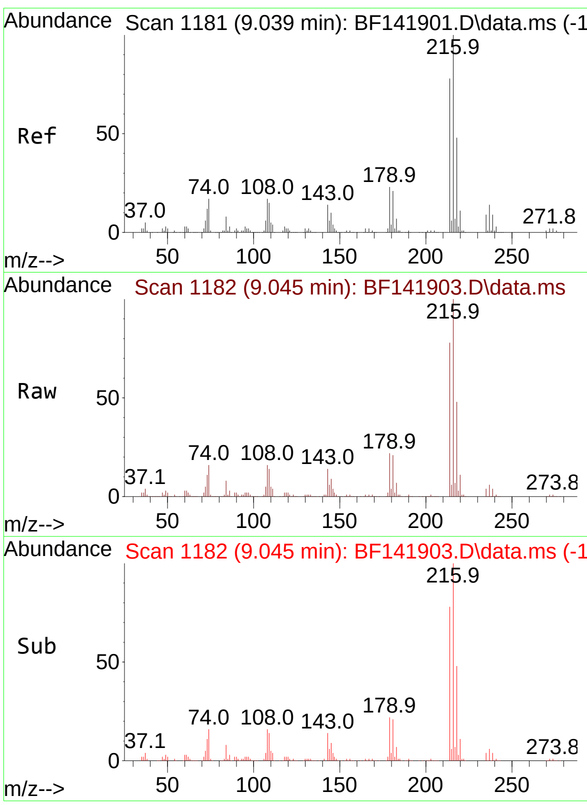


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:164 Resp: 497194

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.6
160	45.4	36.7	55.1

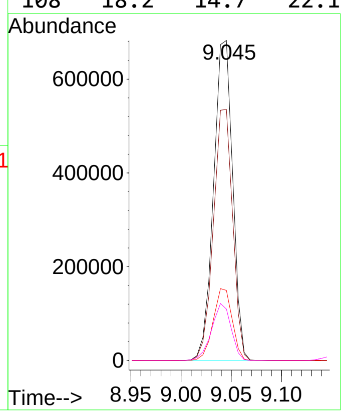




#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.627 ng
RT: 9.045 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:216 Resp: 903928

Ion	Ratio	Lower	Upper
216	100		
214	78.9	61.9	92.9
179	22.3	18.1	27.1
108	18.2	14.7	22.1



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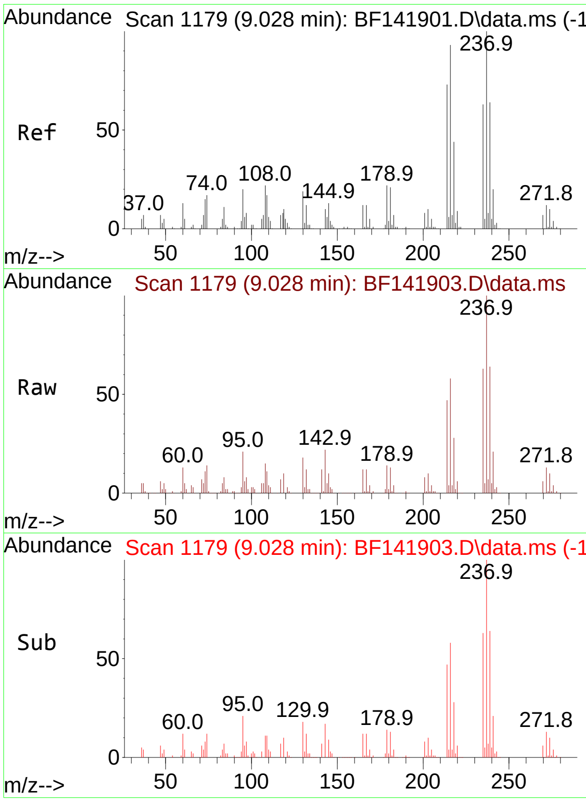
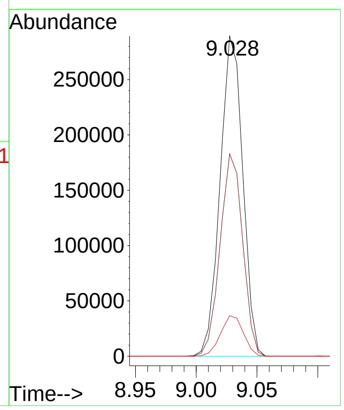
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

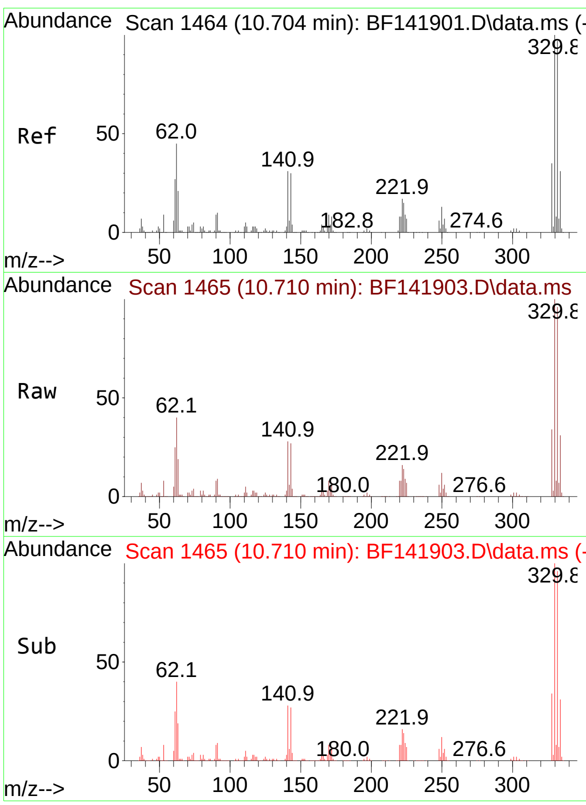


#41
Hexachlorocyclopentadiene
Concen: 62.842 ng
RT: 9.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:237 Resp: 375919

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.1	83.1
272	12.6	0.0	32.0

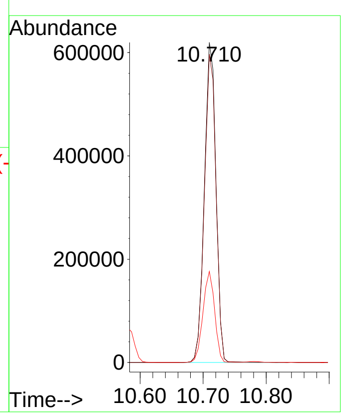




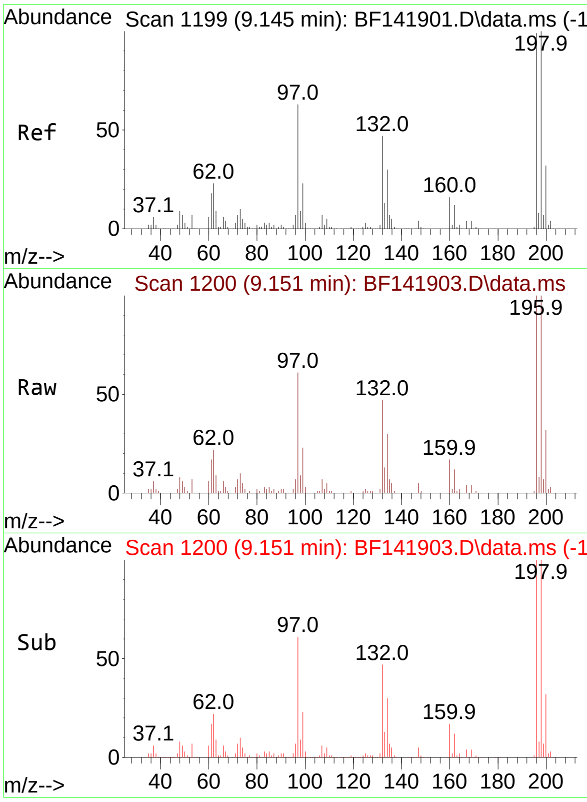
#42
2,4,6-Tribromophenol
Concen: 125.609 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:330 Resp: 791365

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	28.7	24.7	37.1



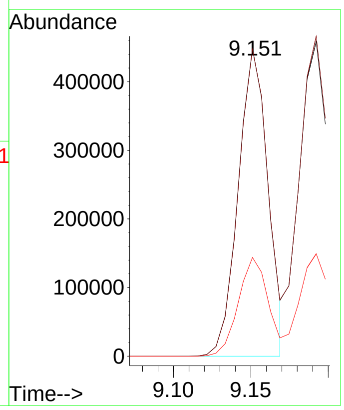
Instrument : BNA_F
ClientSampleId : SSTDICC060

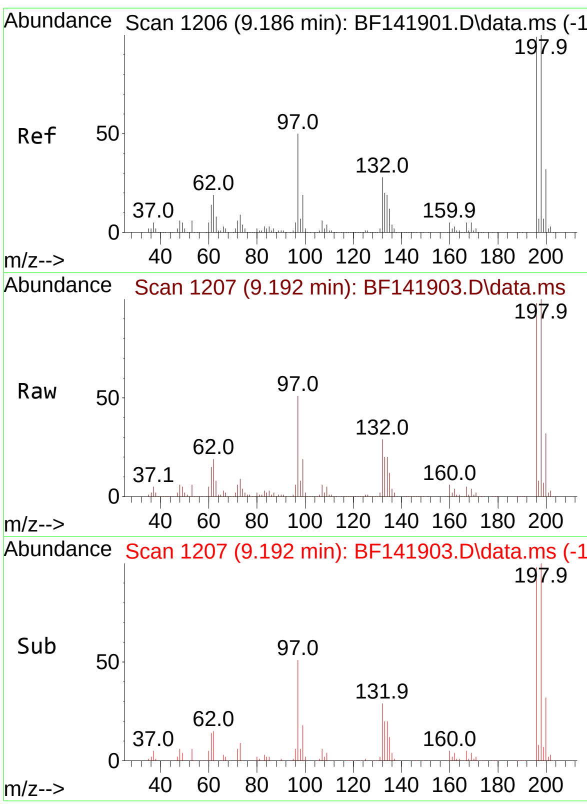


#43
2,4,6-Trichlorophenol
Concen: 60.479 ng
RT: 9.151 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:196 Resp: 597686

Ion	Ratio	Lower	Upper
196	100		
198	99.8	80.6	121.0
200	32.1	25.8	38.6

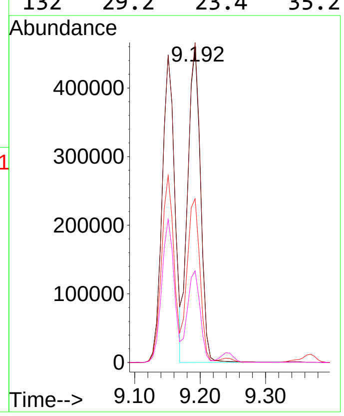




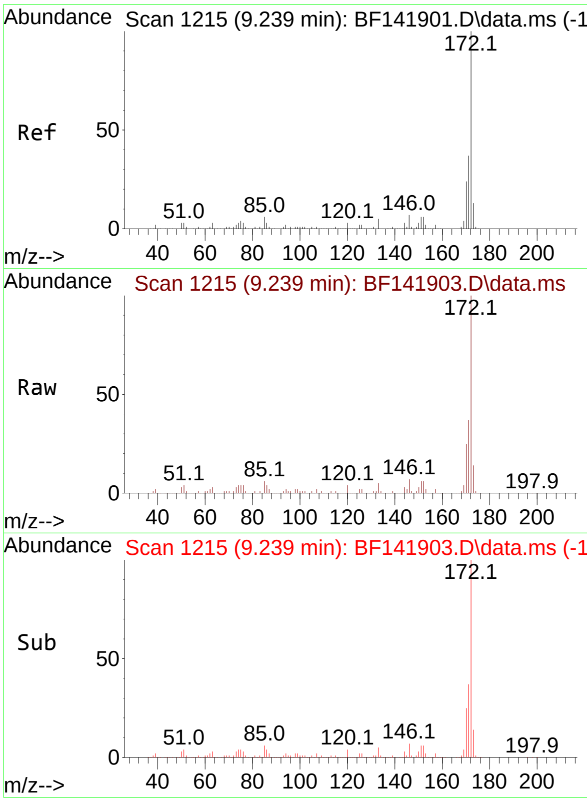
#44
2,4,5-Trichlorophenol
Concen: 61.642 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:196 Resp: 618930

Ion	Ratio	Lower	Upper
196	100		
198	101.7	80.7	121.1
97	52.1	42.1	63.1
132	29.2	23.4	35.2



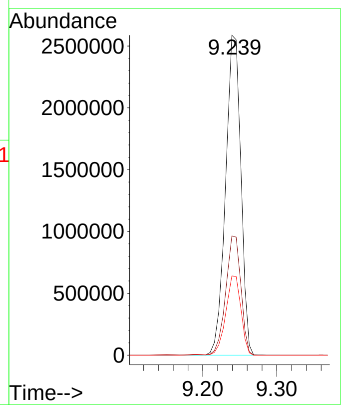
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

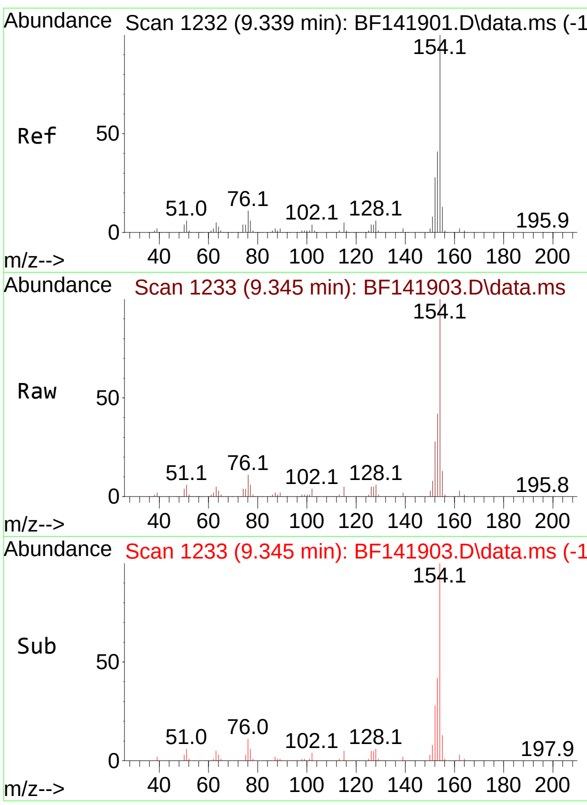


#45
2-Fluorobiphenyl
Concen: 113.827 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:172 Resp: 3716590

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.3	43.9
170	24.7	19.4	29.0

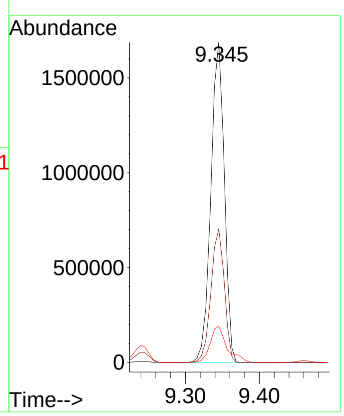




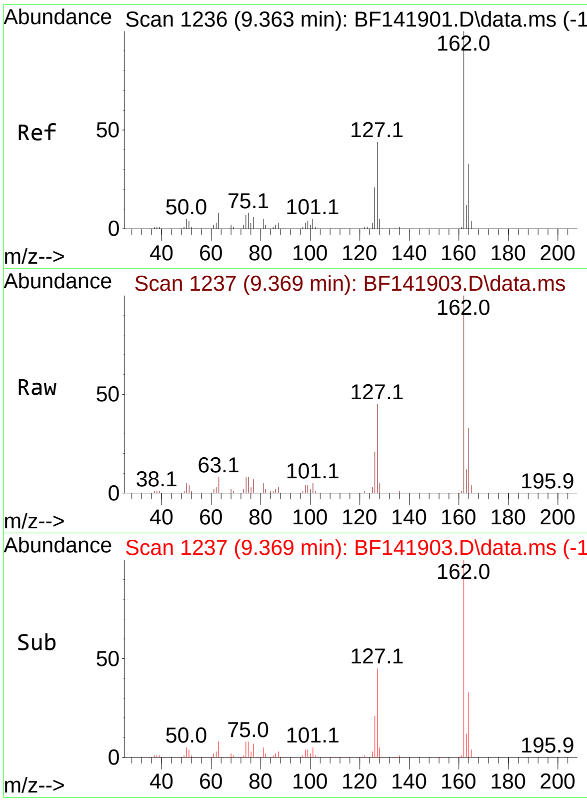
#46
1,1'-Biphenyl
Concen: 56.634 ng
RT: 9.345 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:154 Resp: 2134829

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.1	61.1
76	11.4	0.0	31.3



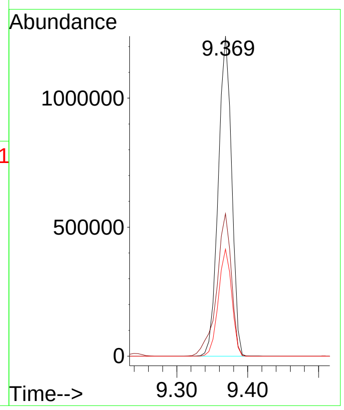
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

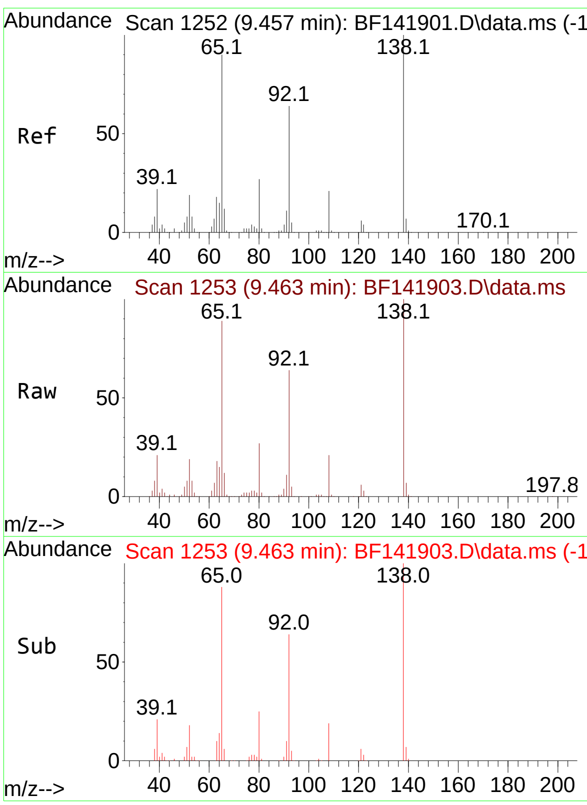


#47
2-Chloronaphthalene
Concen: 57.879 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:162 Resp: 1625973

Ion	Ratio	Lower	Upper
162	100		
127	44.5	35.5	53.3
164	33.5	26.6	40.0

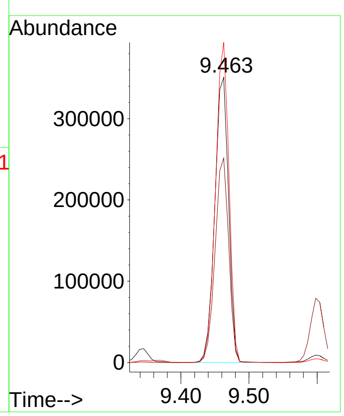




#48
2-Nitroaniline
Concen: 61.368 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 65 Resp: 495229

Ion	Ratio	Lower	Upper
65	100		
92	71.7	56.6	84.8
138	112.3	88.6	133.0



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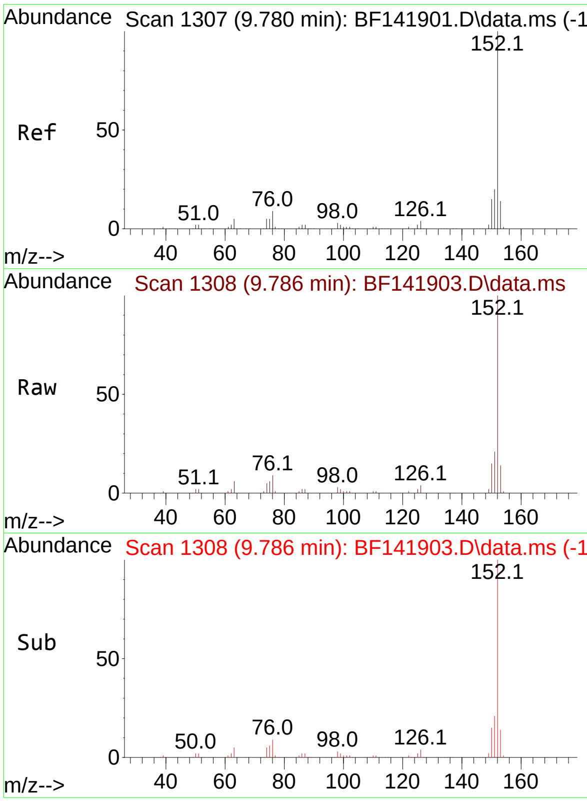
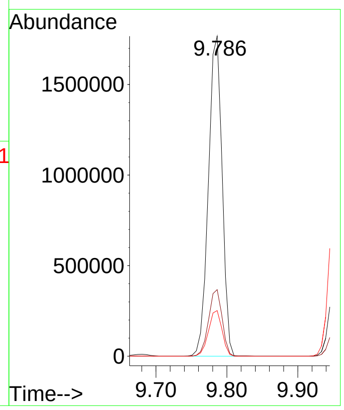
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

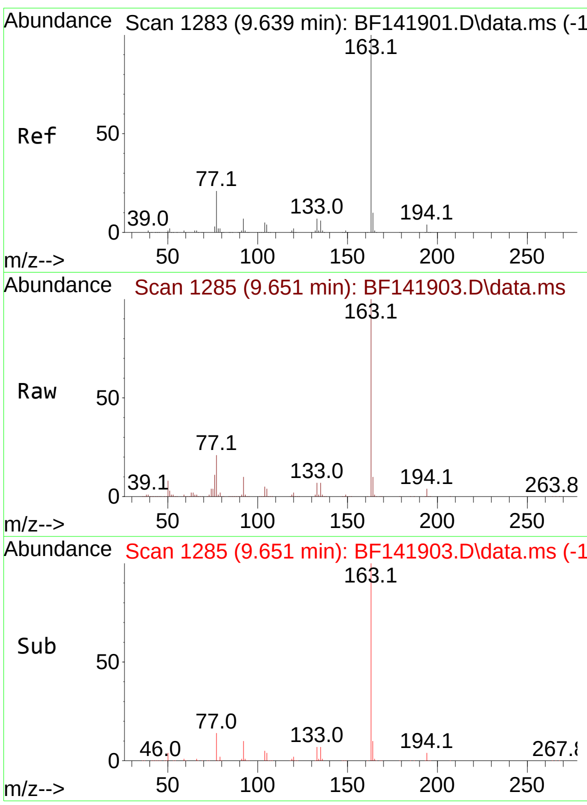


#49
Acenaphthylene
Concen: 57.125 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:152 Resp: 2379216

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.2	11.1	16.7

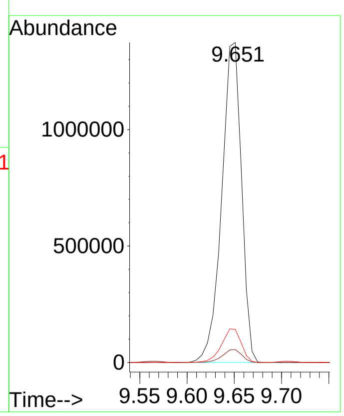




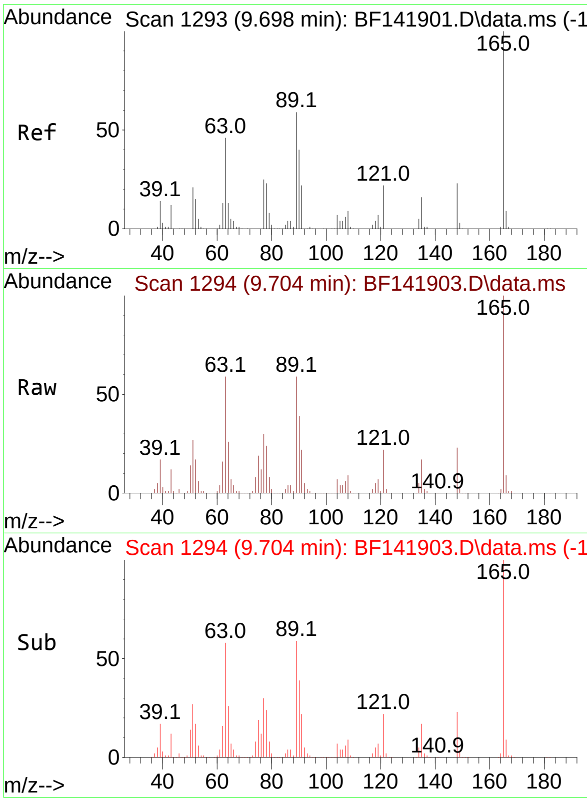
#50
Dimethylphthalate
Concen: 58.083 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.012 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:163 Resp: 2006480

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.4	8.2	12.4



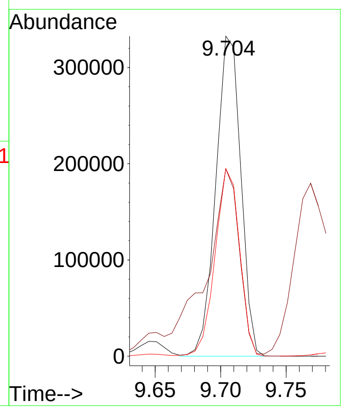
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

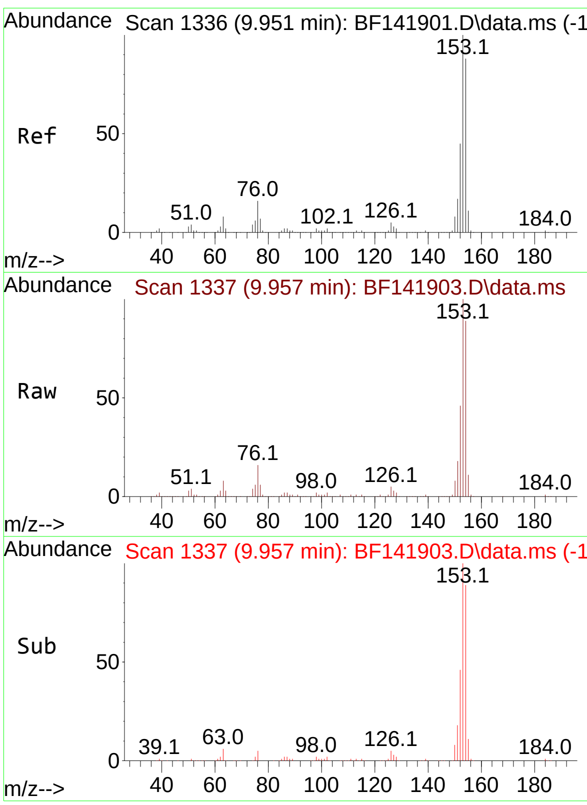


#51
2,6-Dinitrotoluene
Concen: 61.441 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:165 Resp: 441383

Ion	Ratio	Lower	Upper
165	100		
63	58.6	47.0	70.4
89	58.6	47.4	71.2

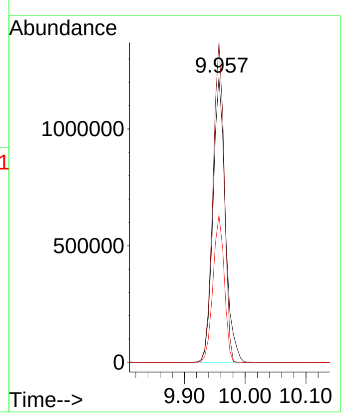




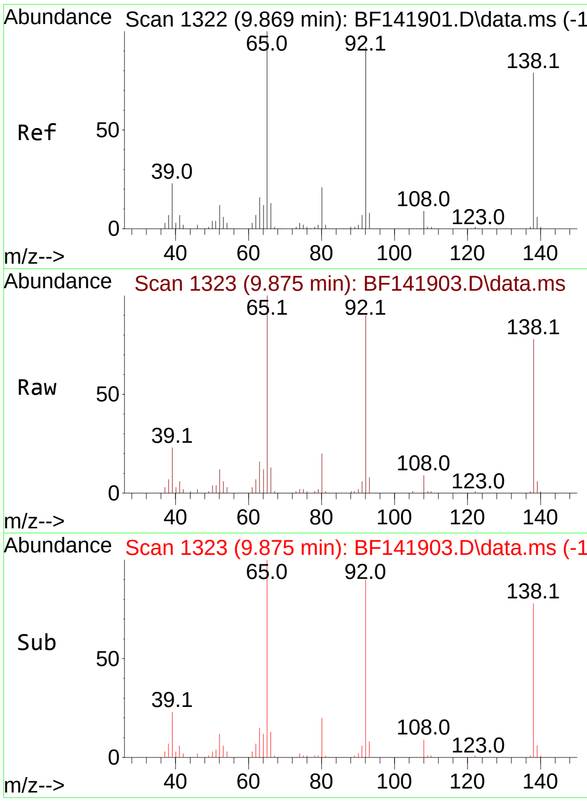
#52
Acenaphthene
Concen: 59.065 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:154 Resp: 1737049

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.7	136.1
152	51.6	41.1	61.7



ICAL Form

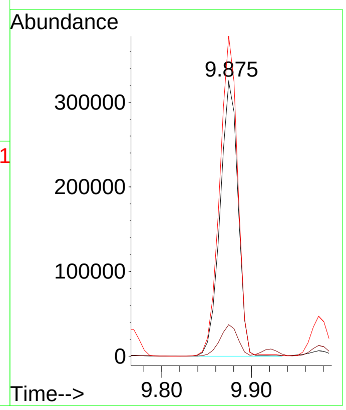


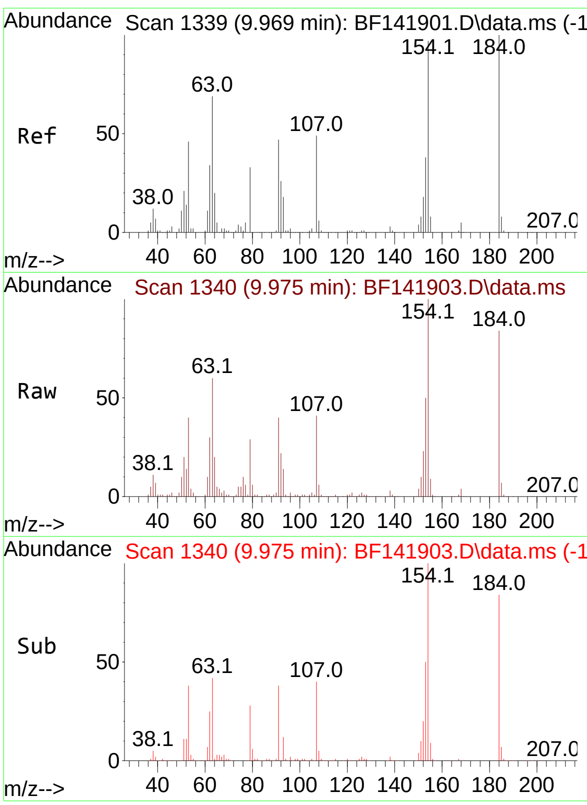
#53
3-Nitroaniline
Concen: 60.945 ng
RT: 9.875 min   Scan# 1
Delta R.T.   0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025   13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 449553

Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.3	13.9
92	116.5	93.5	140.3

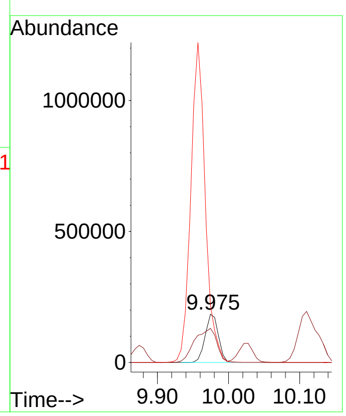




#54
2,4-Dinitrophenol
Concen: 60.329 ng
RT: 9.975 min   Scan# 1340
Delta R.T.   0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025   13:57

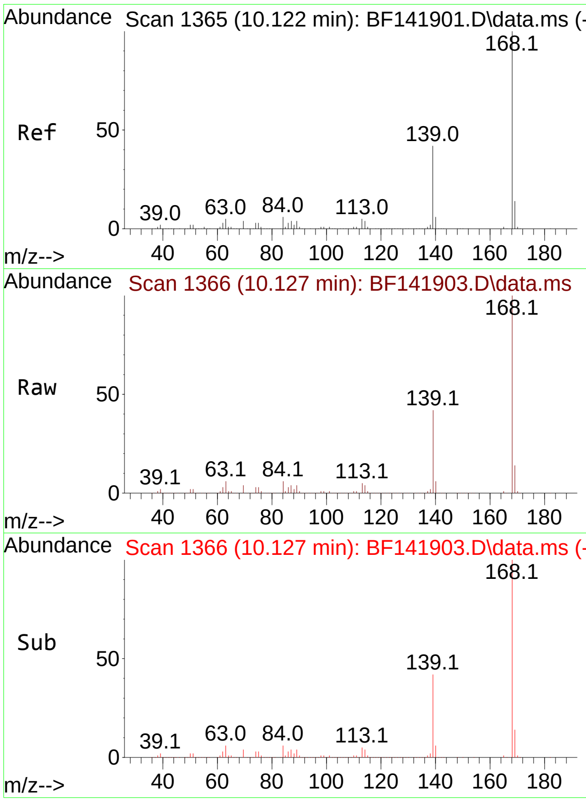
Tgt Ion:184 Resp: 240530

Ion	Ratio	Lower	Upper
184	100		
63	70.8	60.2	90.4
154	118.6	132.9	199.3#



ICAL Form

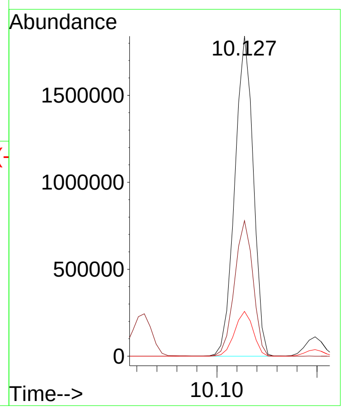
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

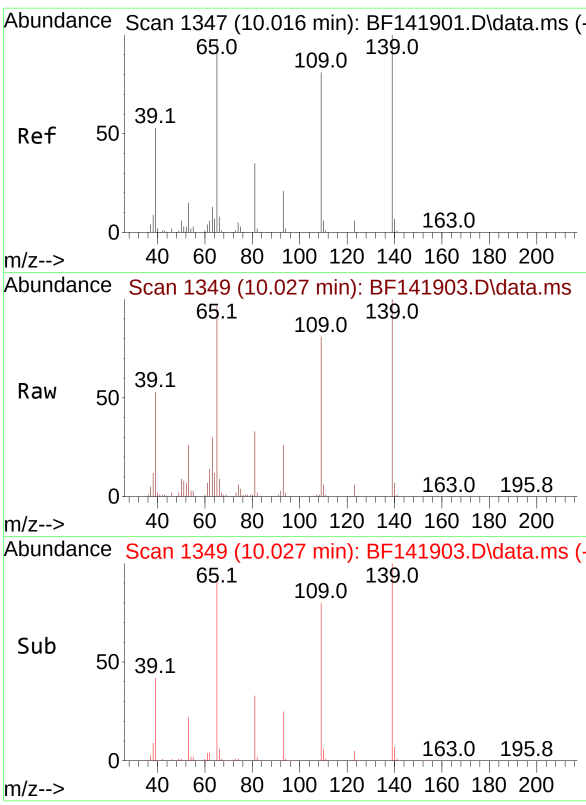


#55
Dibenzofuran
Concen: 56.781 ng
RT: 10.127 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:168 Resp: 2380973

Ion	Ratio	Lower	Upper
168	100		
139	42.4	33.9	50.9
169	14.0	11.0	16.4

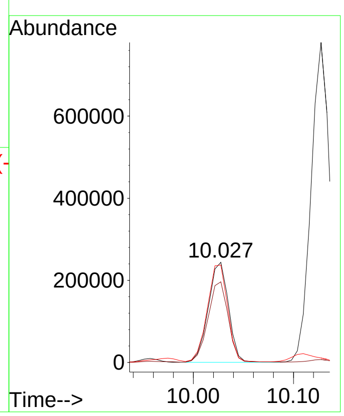




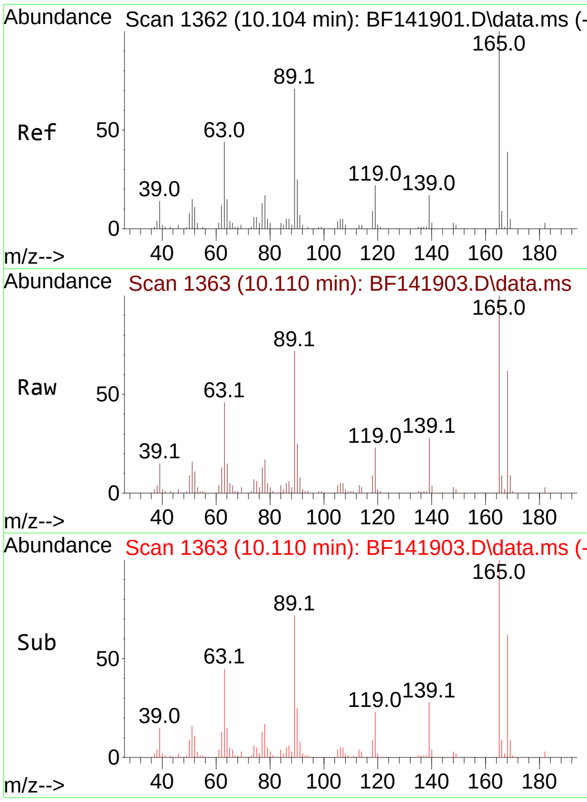
#56
4-Nitrophenol
Concen: 62.021 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:139 Resp: 343657

Ion	Ratio	Lower	Upper
139	100		
109	80.6	61.6	101.6
65	97.3	79.4	119.4



ICAL Form



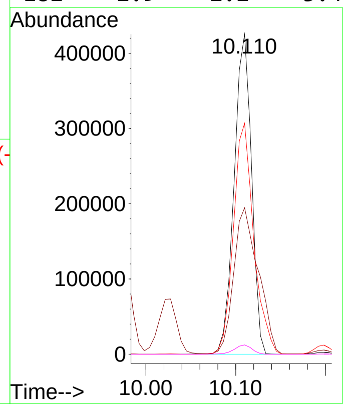
#57
2,4-Dinitrotoluene
Concen: 60.461 ng
RT: 10.110 min Scan# 1

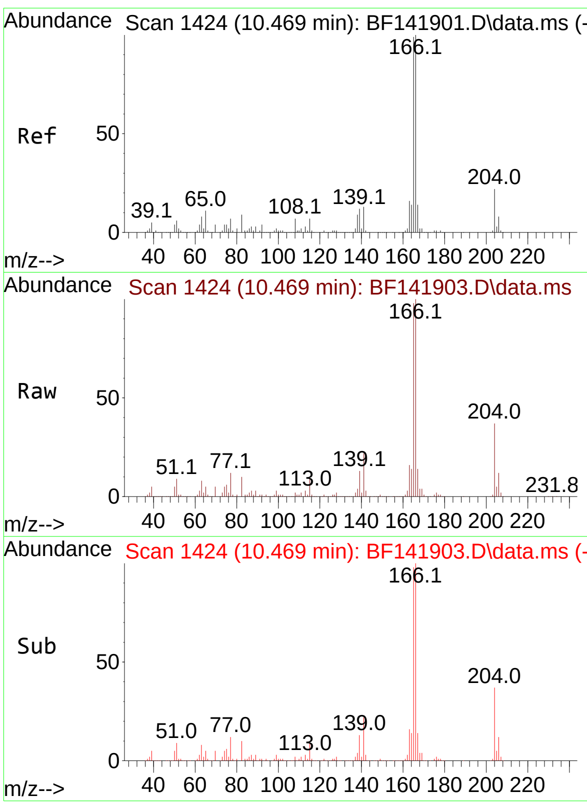
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:165 Resp: 571731

Ion	Ratio	Lower	Upper
165	100		
63	45.8	35.4	53.2
89	72.1	56.6	84.8
182	2.9	2.2	3.4

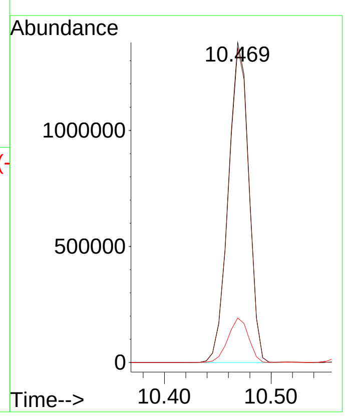




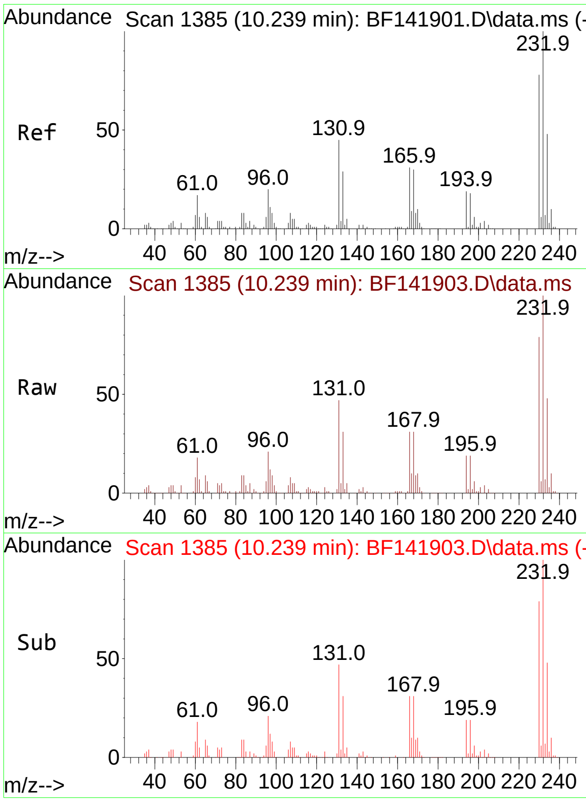
#58
Fluorene
Concen: 56.859 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:166 Resp: 1840654

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.0	118.4
167	13.9	11.0	16.4



ICAL Form

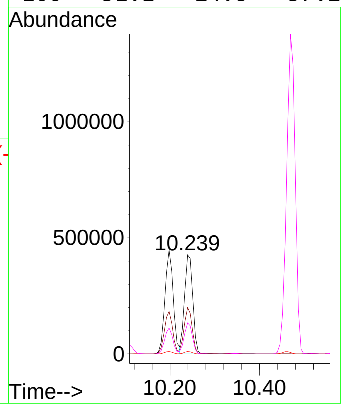


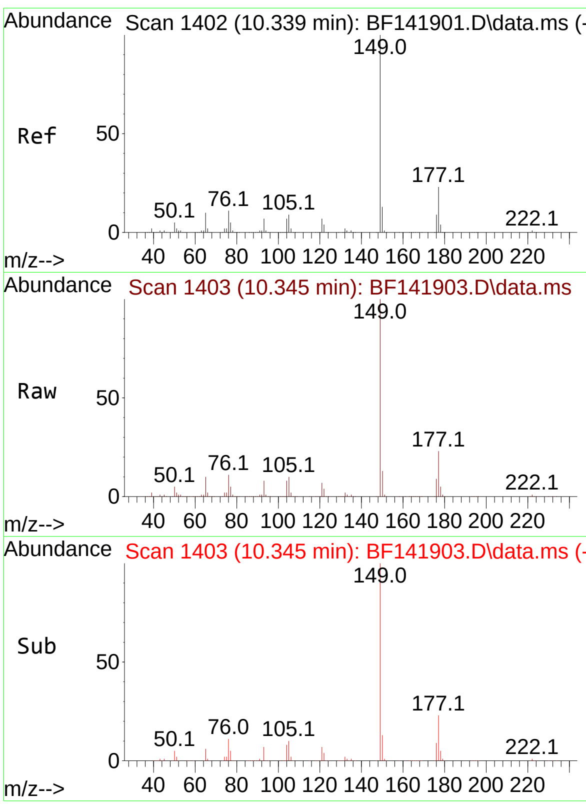
#59
2,3,4,6-Tetrachlorophenol
Concen: 60.002 ng
RT: 10.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 546621

Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.3	55.9
130	2.4	1.9	2.9
166	31.1	24.8	37.2

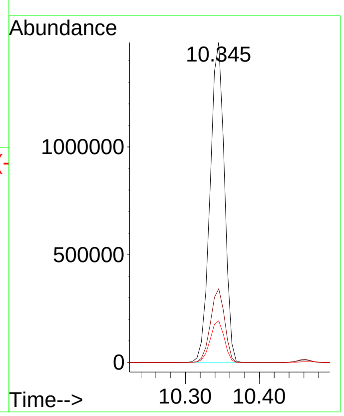




#60
Diethylphthalate
Concen: 57.552 ng
RT: 10.345 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

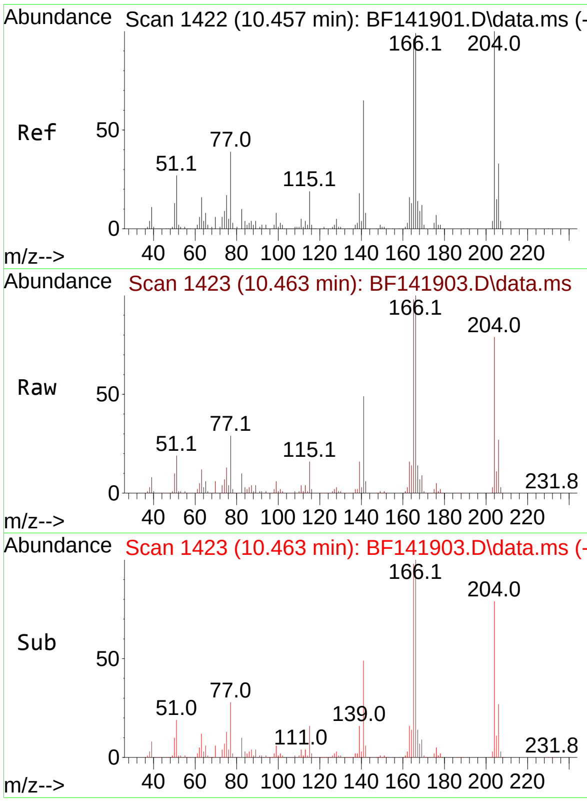
Tgt Ion:149 Resp: 1995827

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.0	27.0
150	13.0	10.2	15.4



ICAL Form

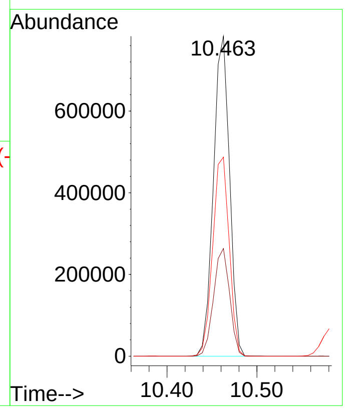
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

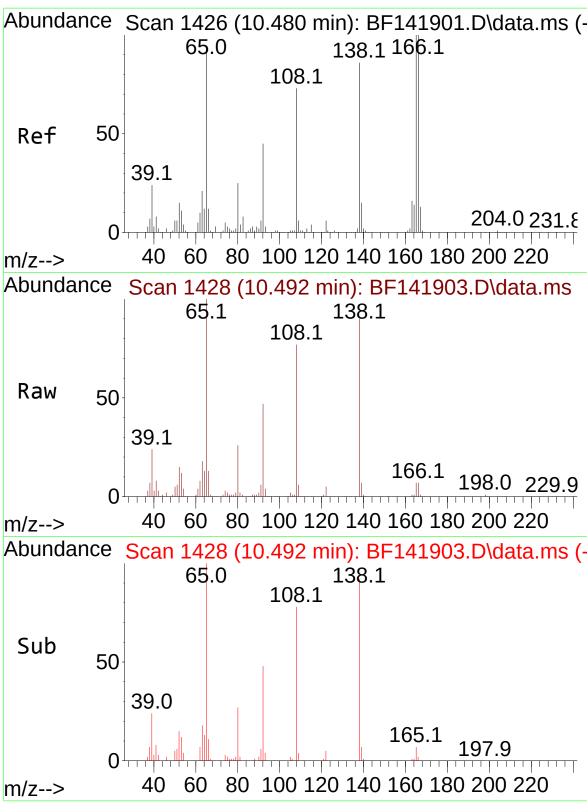


#61
4-Chlorophenyl-phenylether
Concen: 57.993 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:204 Resp: 977819

Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.8	40.2
141	62.2	52.4	78.6

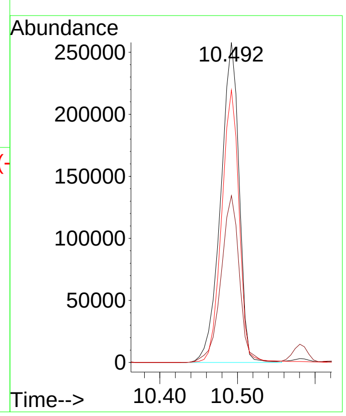




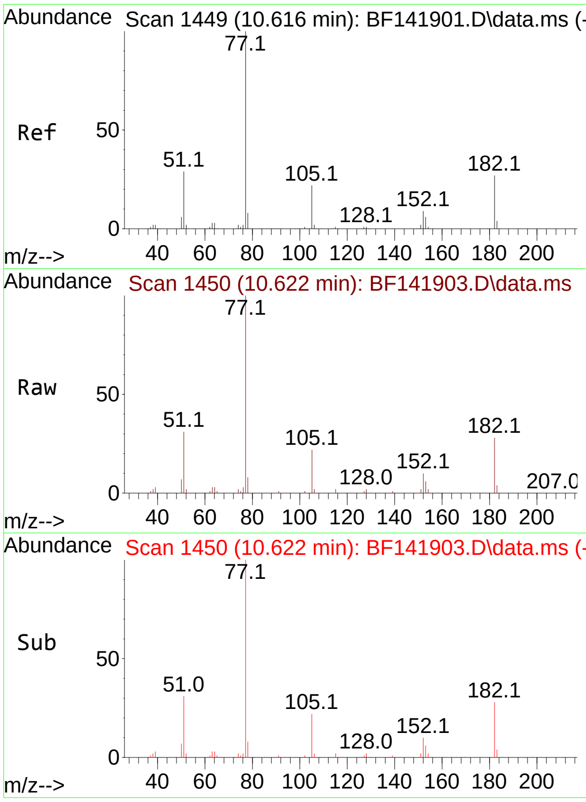
#62
4-Nitroaniline
Concen: 59.702 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:138 Resp: 426741

Ion	Ratio	Lower	Upper
138	100		
92	52.2	32.6	72.6
108	85.2	65.0	105.0



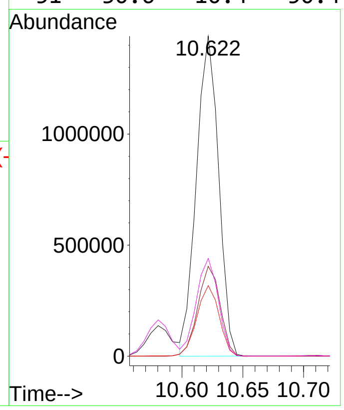
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

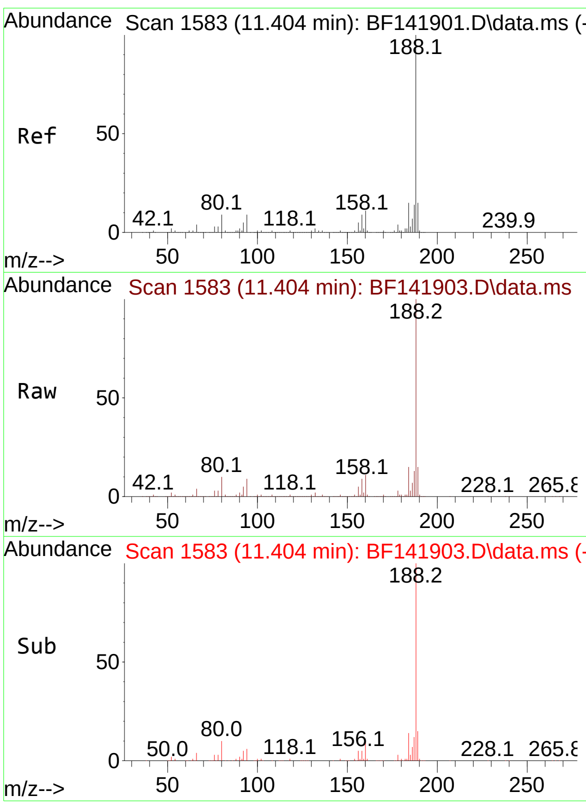


#63
Azobenzene
Concen: 56.784 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 77 Resp: 1829282

Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.6	46.6
105	22.0	1.3	41.3
51	30.6	10.4	50.4

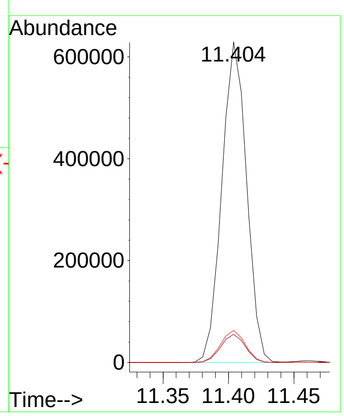




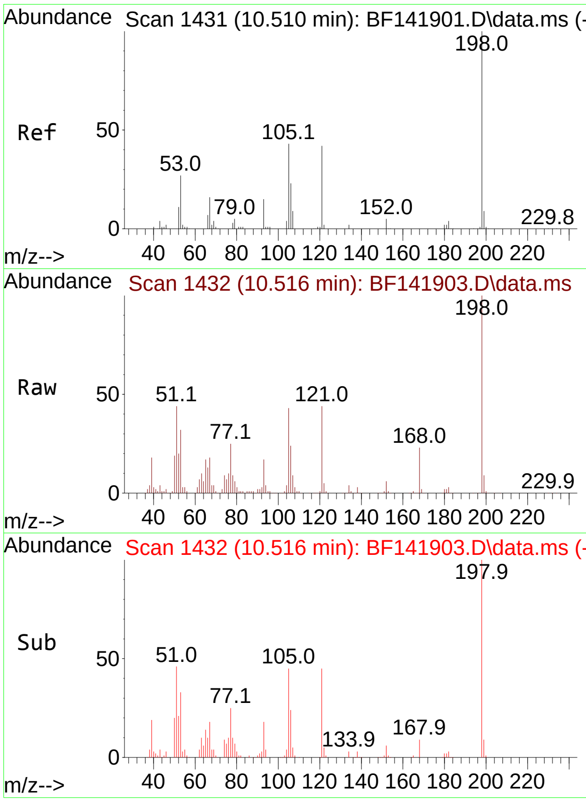
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:188 Resp: 827202

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	10.0	7.6	11.4



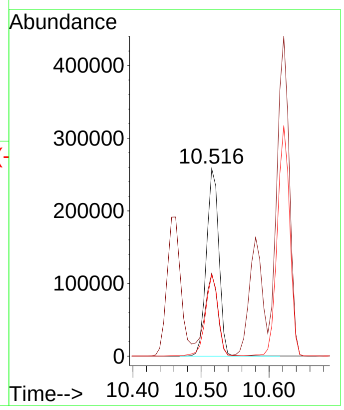
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

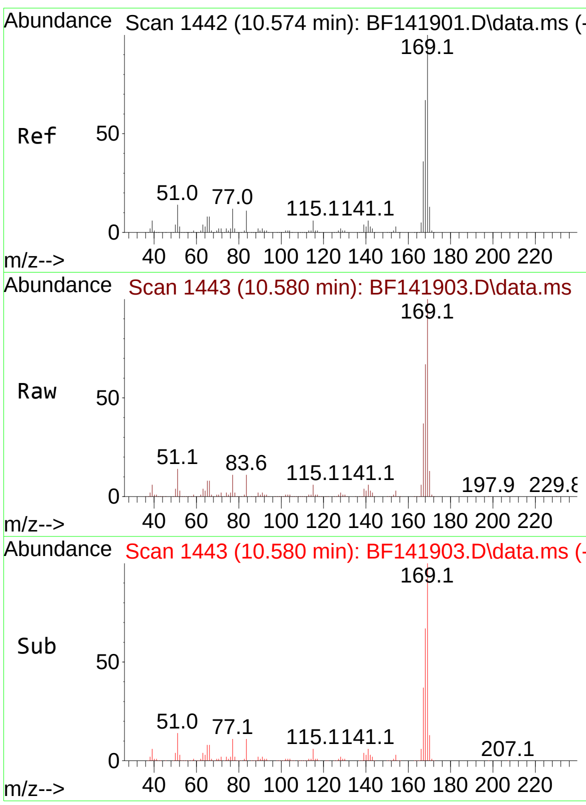


#65
4,6-Dinitro-2-methylphenol
Concen: 67.356 ng
RT: 10.516 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:198 Resp: 330315

Ion	Ratio	Lower	Upper
198	100		
51	44.2	22.3	62.3
105	43.4	23.0	63.0

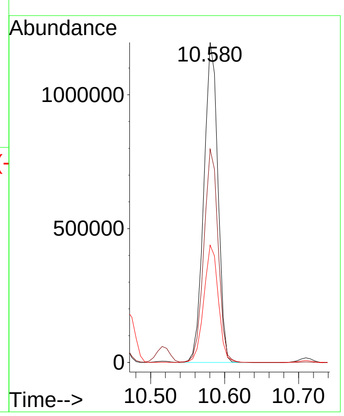


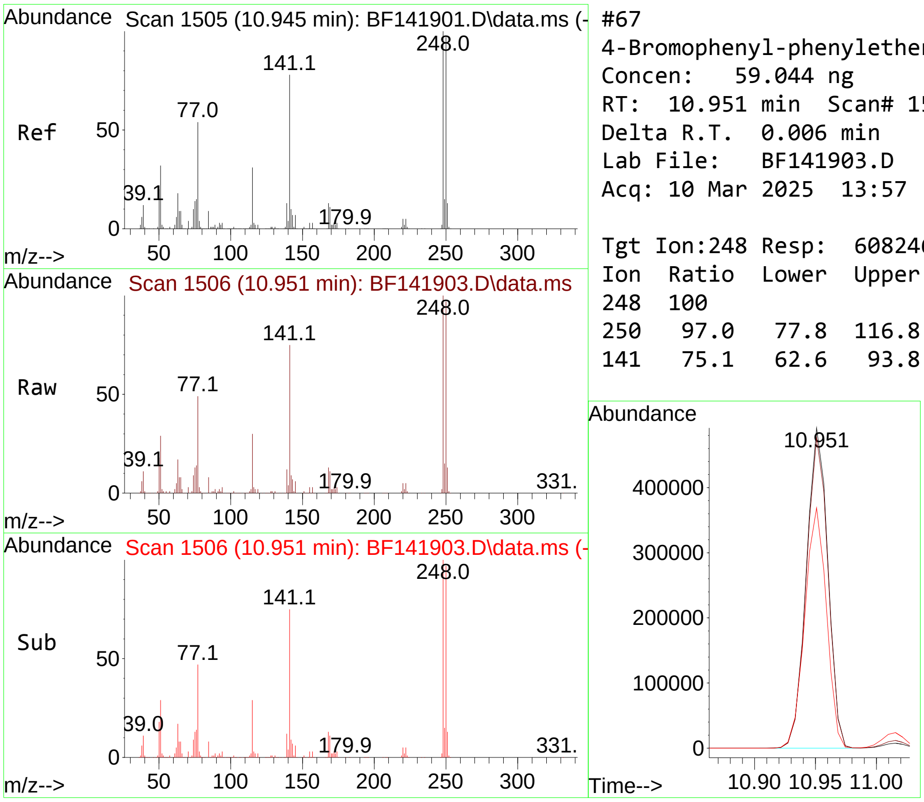


#66
n-Nitrosodiphenylamine
Concen: 59.270 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:169 Resp: 1583832

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.7	80.5
167	36.6	29.2	43.8



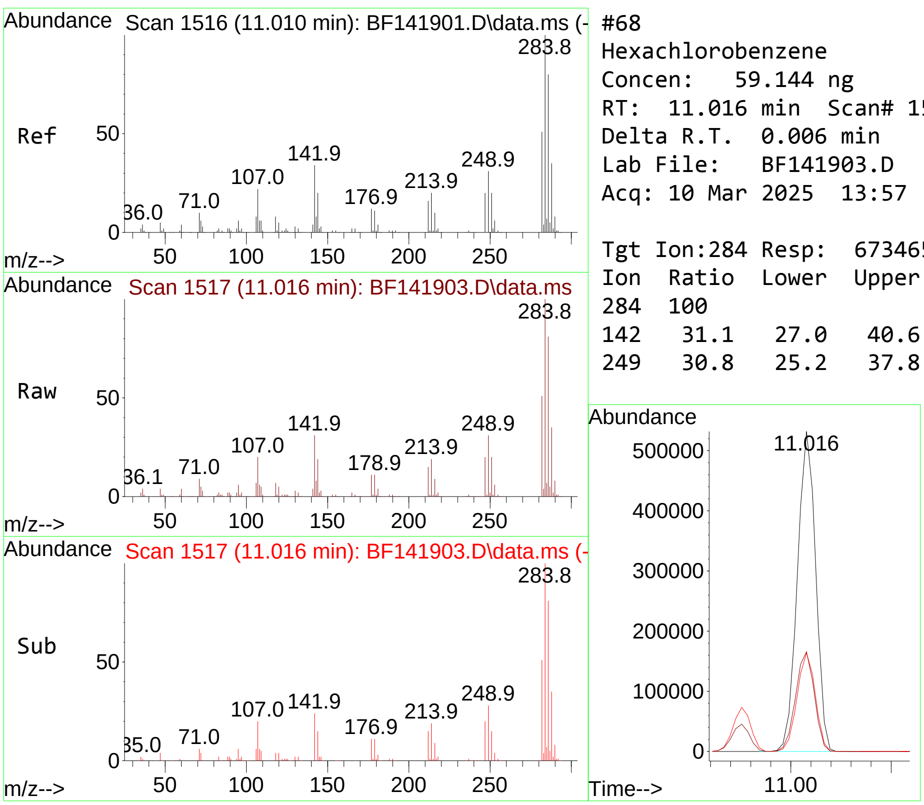


#67
4-Bromophenyl-phenylether
Concen: 59.044 ng
RT: 10.951 min Scan# 1!
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Instrument : BNA_F
ClientSampleId : SSTDICC060

Tgt Ion:248 Resp: 608246

Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.8	116.8
141	75.1	62.6	93.8



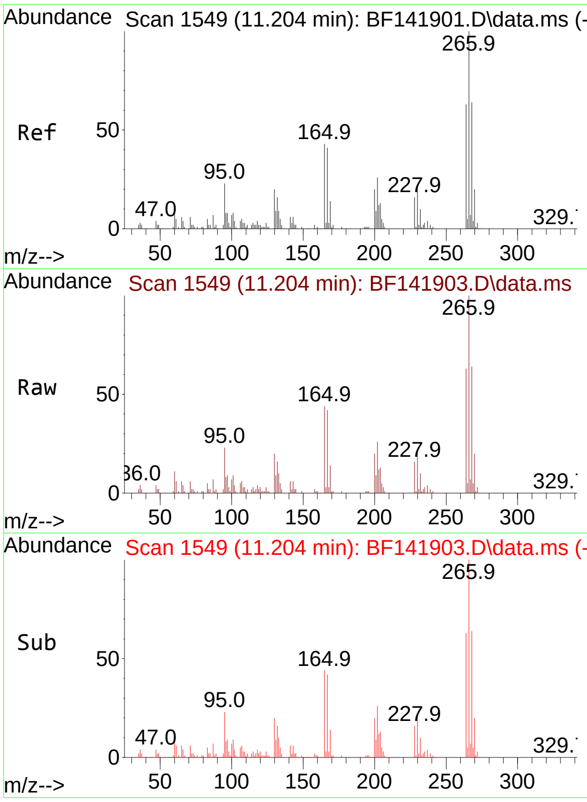
#68
Hexachlorobenzene
Concen: 59.144 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:284 Resp: 673465

Ion	Ratio	Lower	Upper
284	100		
142	31.1	27.0	40.6
249	30.8	25.2	37.8

ICAL Form

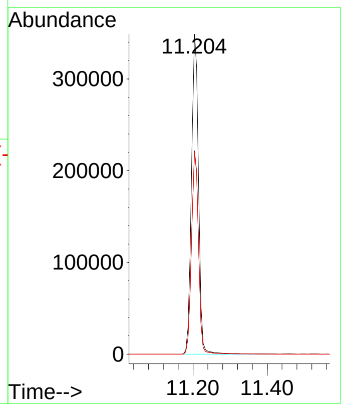
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

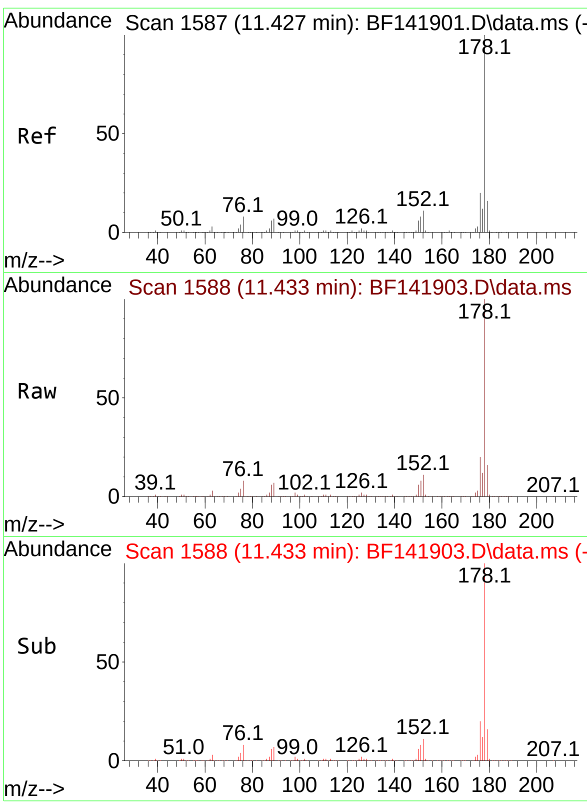


#70
Pentachlorophenol
Concen: 65.893 ng
RT: 11.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:266 Resp: 462709

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.0	76.6
264	63.1	50.2	75.2

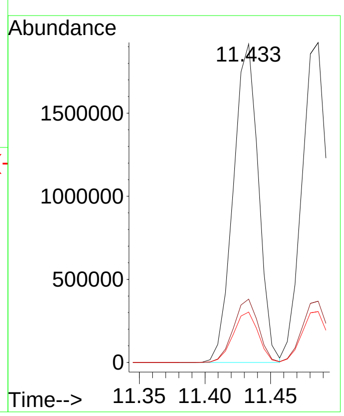




#71
Phenanthrene
Concen: 57.232 ng
RT: 11.433 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

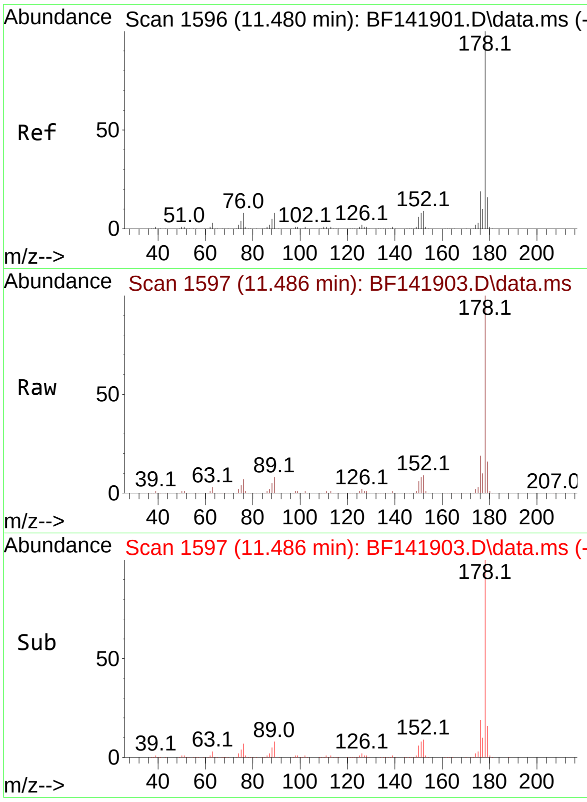
Tgt Ion:178 Resp: 2560092

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	12.6	19.0



ICAL Form

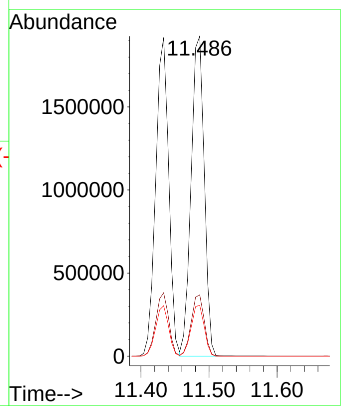
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

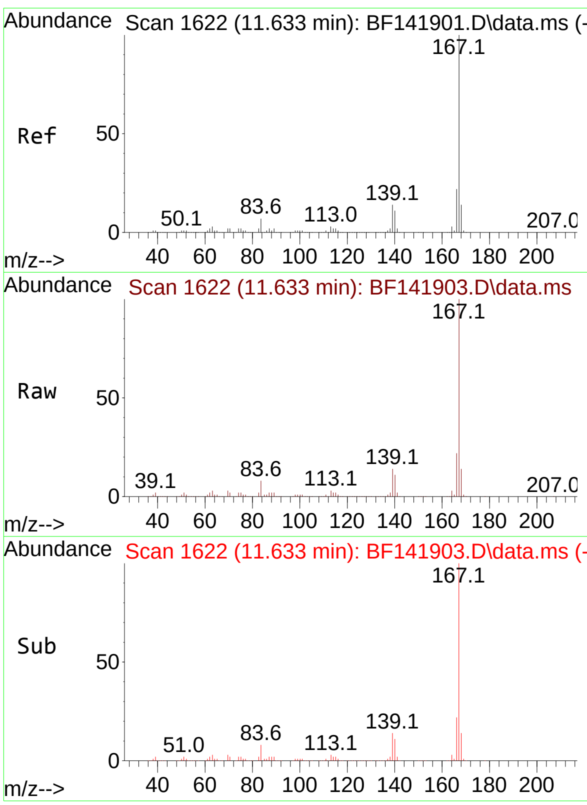


#72
Anthracene
Concen: 57.281 ng
RT: 11.486 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:178 Resp: 2570717

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.9	12.6	19.0

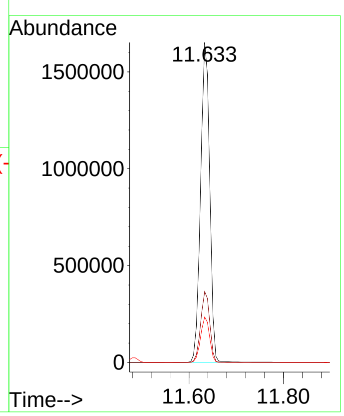




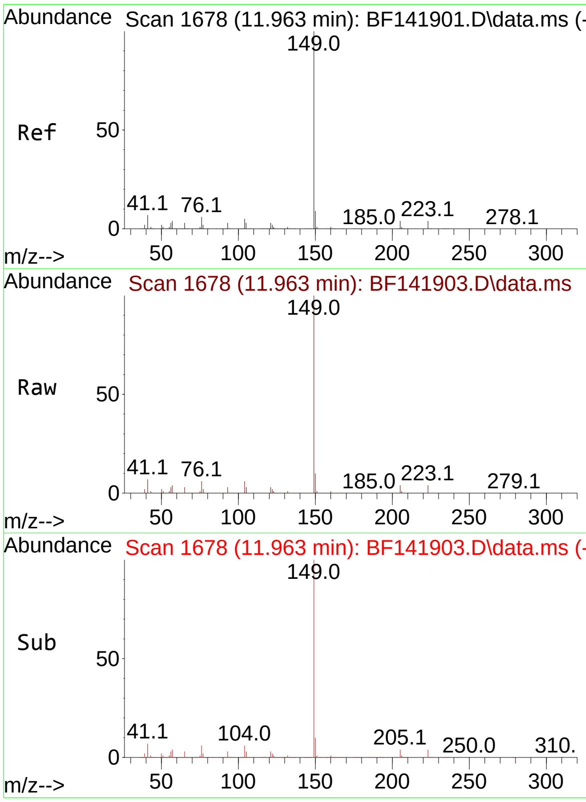
#73
Carbazole
Concen: 57.284 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:167 Resp: 2213331

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.2
139	14.2	11.0	16.6



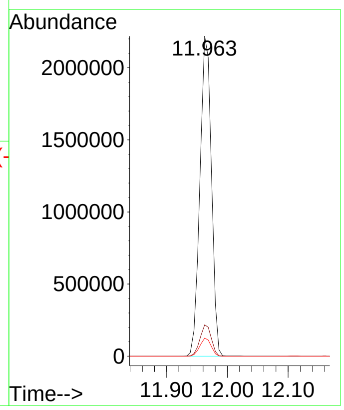
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

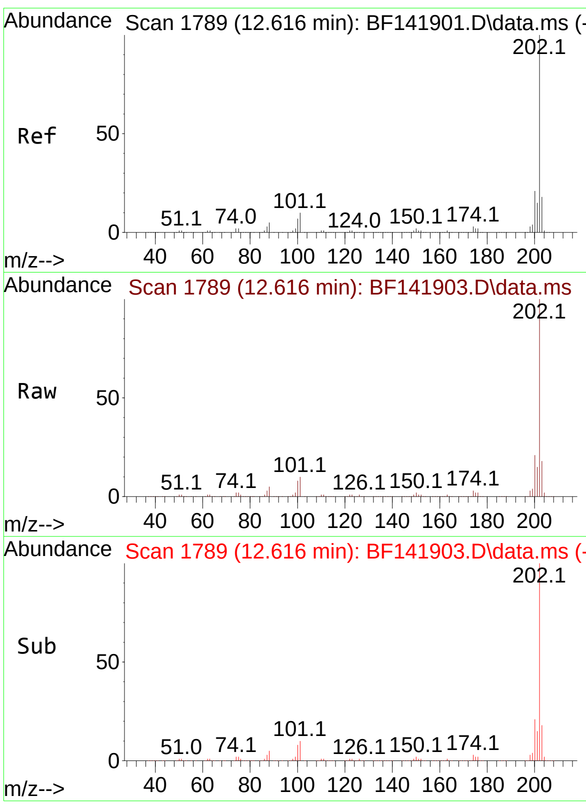


#74
Di-n-butylphthalate
Concen: 57.161 ng
RT: 11.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:149 Resp: 2916048

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	5.6	4.4	6.6

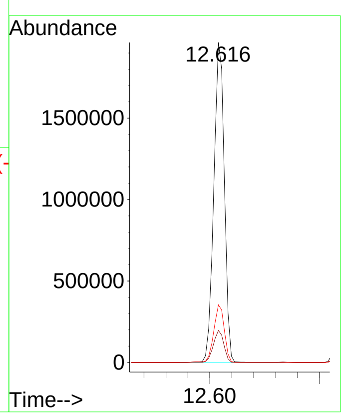




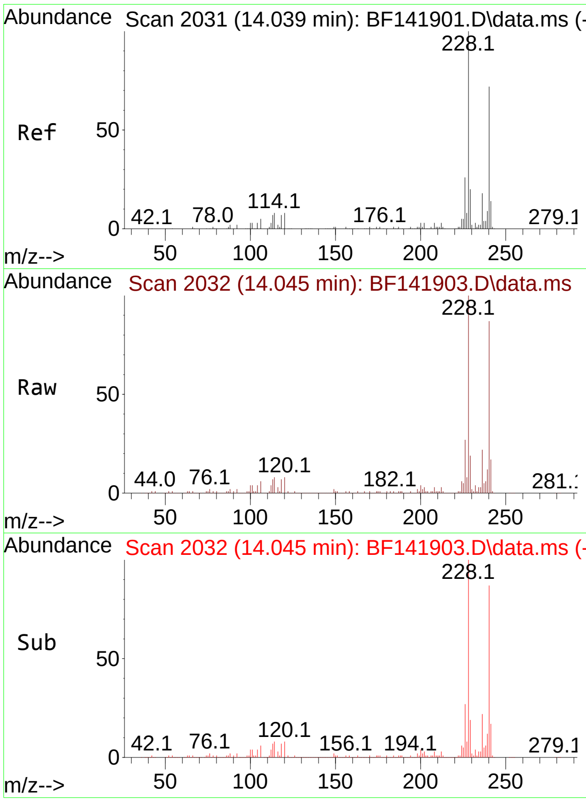
#75
Fluoranthene
Concen: 55.984 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:202 Resp: 2628993

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.7
203	18.0	0.0	37.8



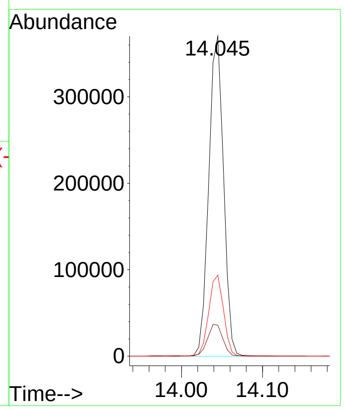
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

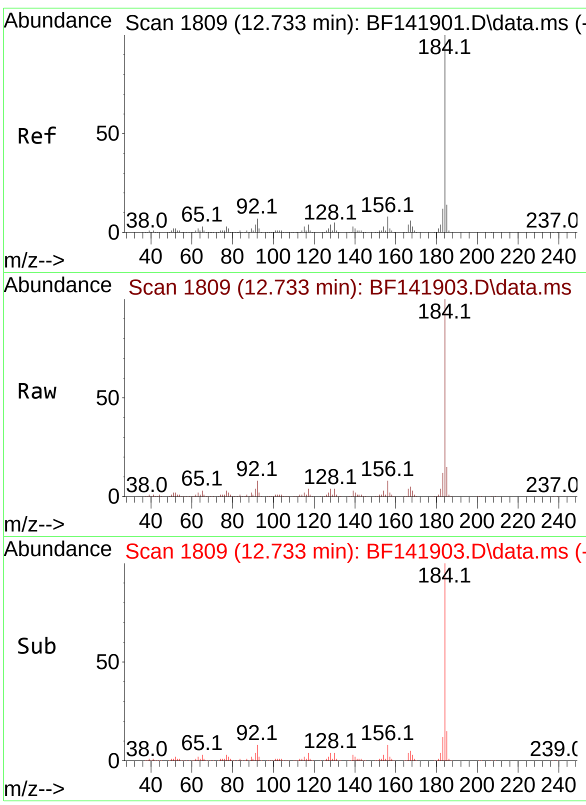


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:240 Resp: 468454

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.4	12.6
236	25.3	20.5	30.7

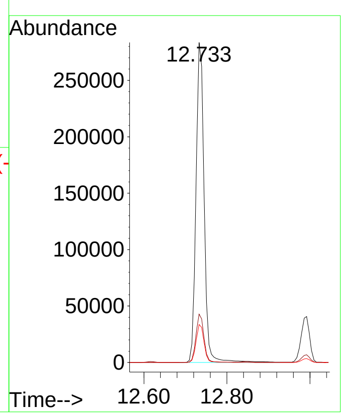




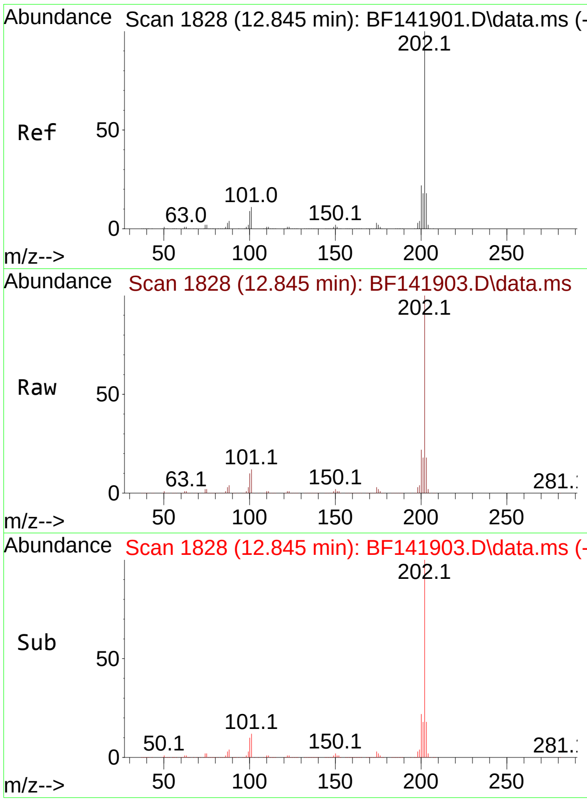
#77
Benzidine
Concen: 58.309 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:184 Resp: 386007

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.5	17.3
183	11.9	9.7	14.5



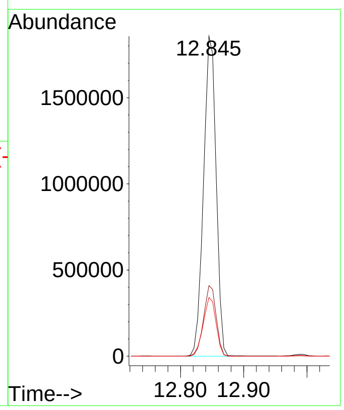
Instrument : BNA_F
ClientSampleId : SSTDICC060

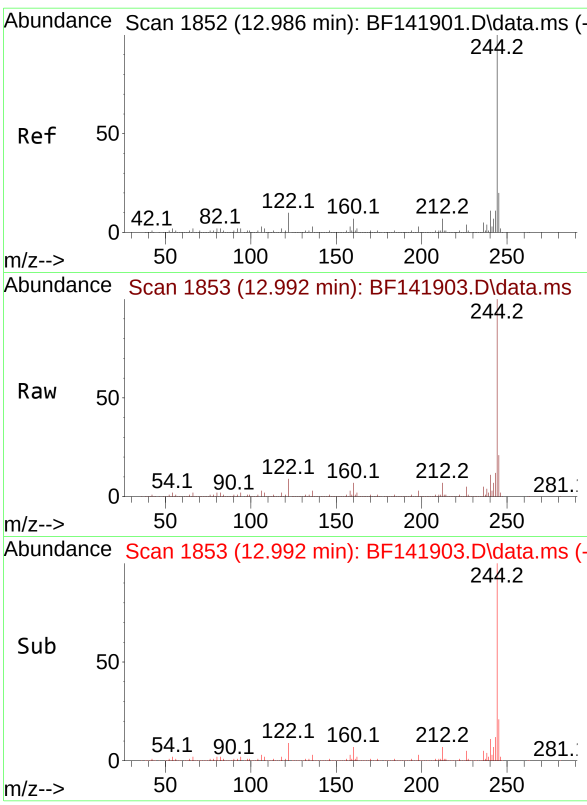


#78
Pyrene
Concen: 63.781 ng
RT: 12.845 min Scan# 18
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:202 Resp: 2562337

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.3	25.9
203	18.4	14.4	21.6

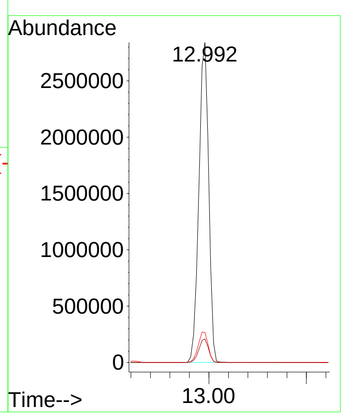




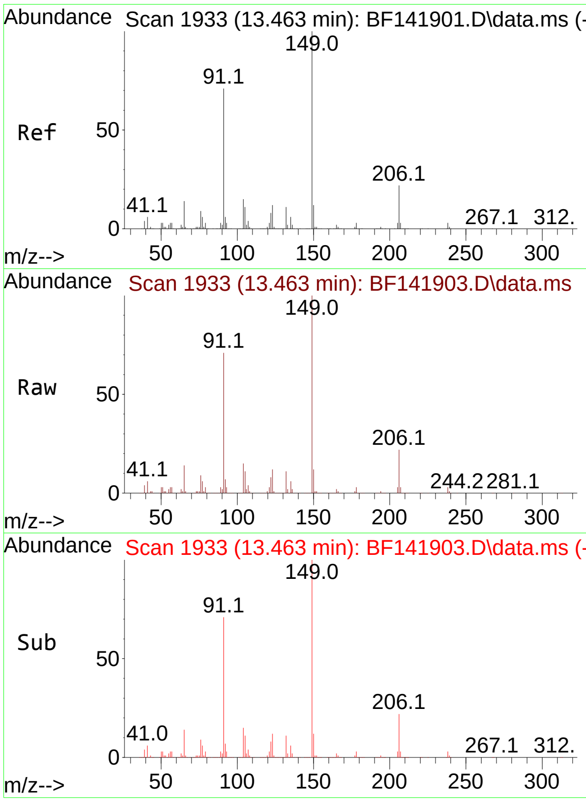
#79
Terphenyl-d14
Concen: 125.675 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:244 Resp: 3982780

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	9.4	7.7	11.5



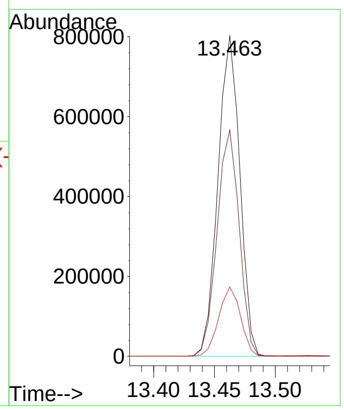
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

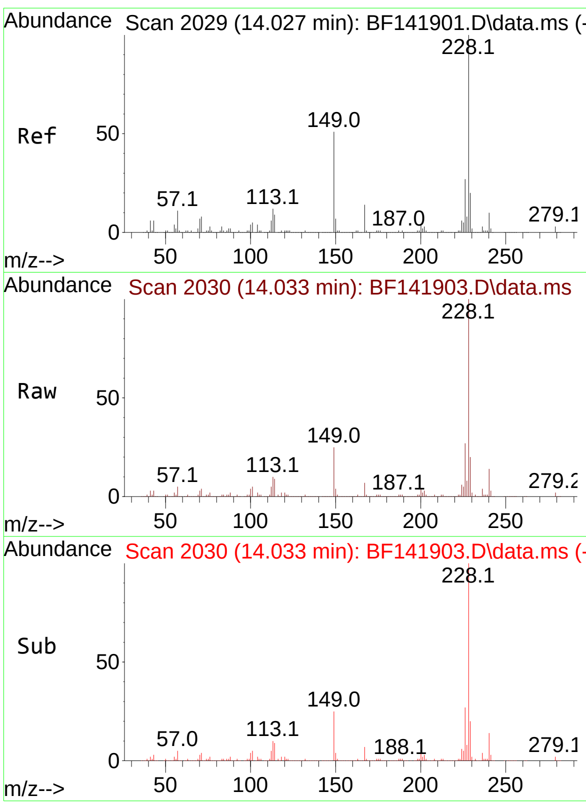


#80
Butylbenzylphthalate
Concen: 63.676 ng
RT: 13.463 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:149 Resp: 1008043

Ion	Ratio	Lower	Upper
149	100		
91	70.7	56.5	84.7
206	21.6	17.3	25.9

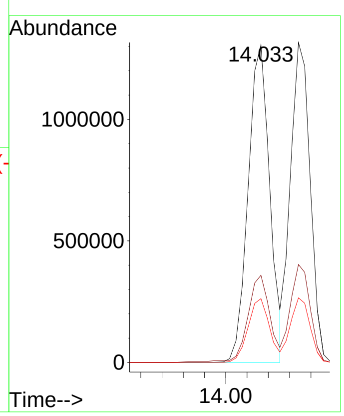




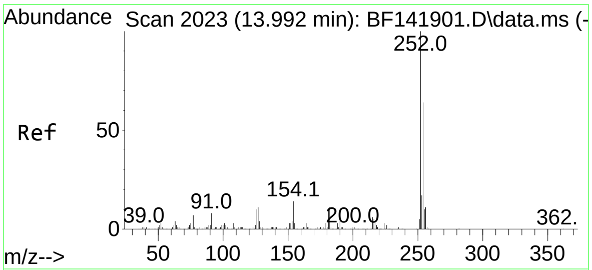
#81
Benzo(a)anthracene
Concen: 60.040 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

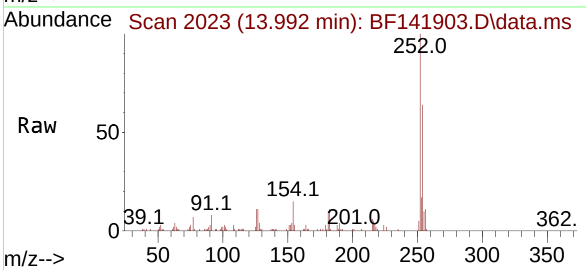
Tgt Ion:228 Resp: 1850347

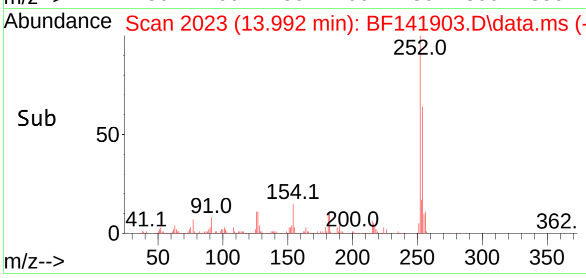
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.1	16.0	24.0



ICAL Form





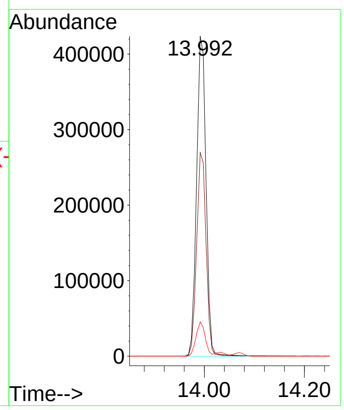


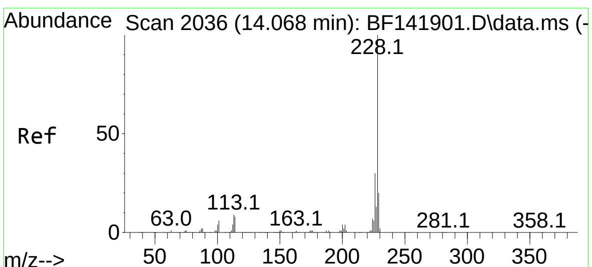
#82
3,3'-Dichlorobenzidine
Concen: 62.091 ng
RT: 13.992 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

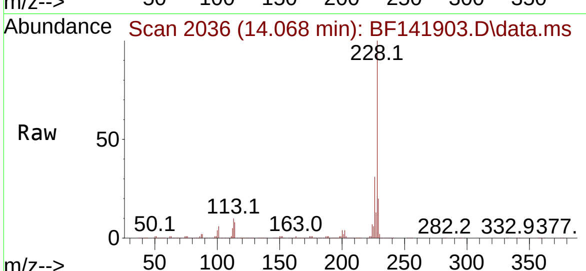
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

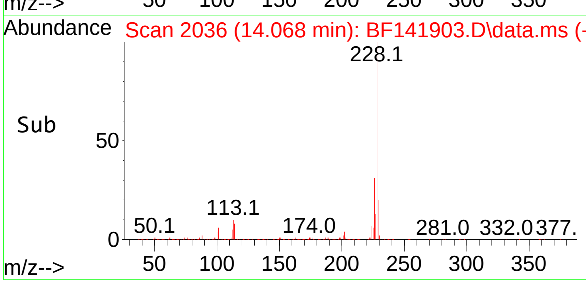
Tgt Ion:252 Resp: 553078

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.0	76.6
126	10.7	8.4	12.6





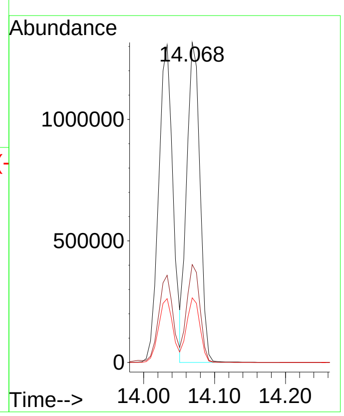




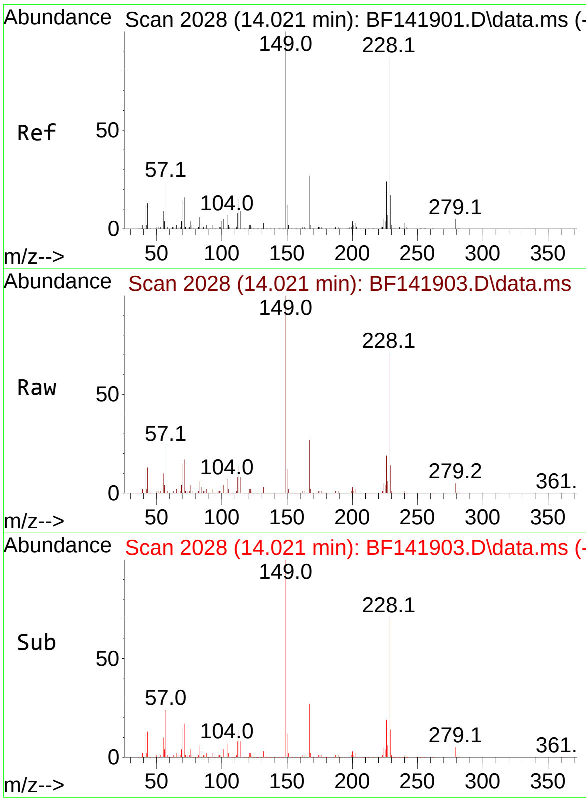
#83
Chrysene
Concen: 61.596 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:228 Resp: 1705257

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	20.2	15.7	23.5



ICAL Form



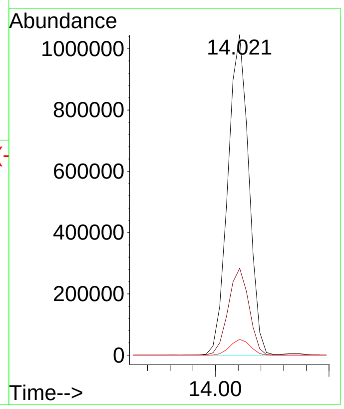
#84
Bis(2-ethylhexyl)phthalate
Concen: 61.582 ng
RT: 14.021 min Scan# 2

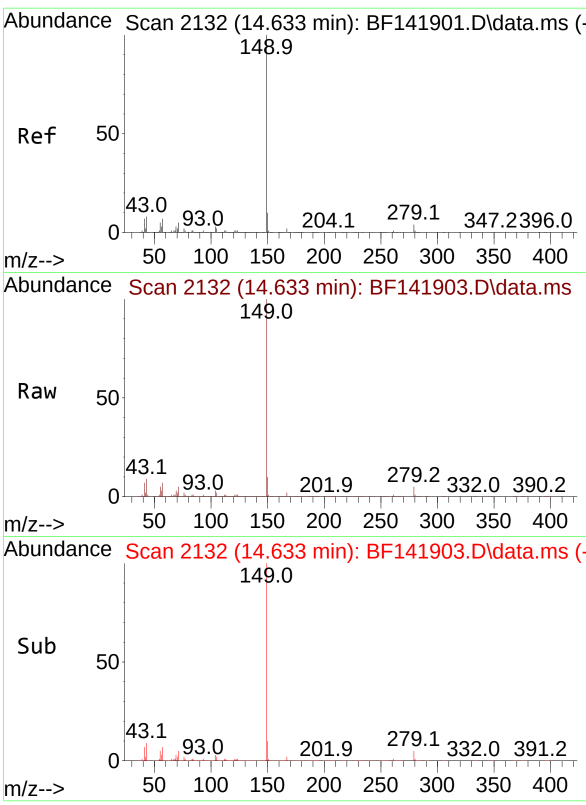
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:149 Resp: 1337474

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	4.9	3.8	5.6

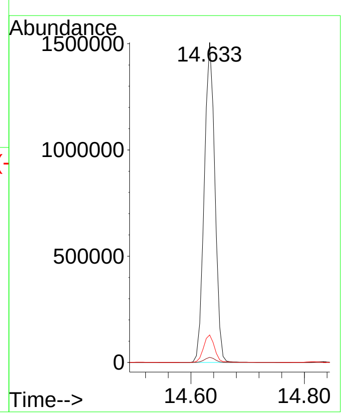




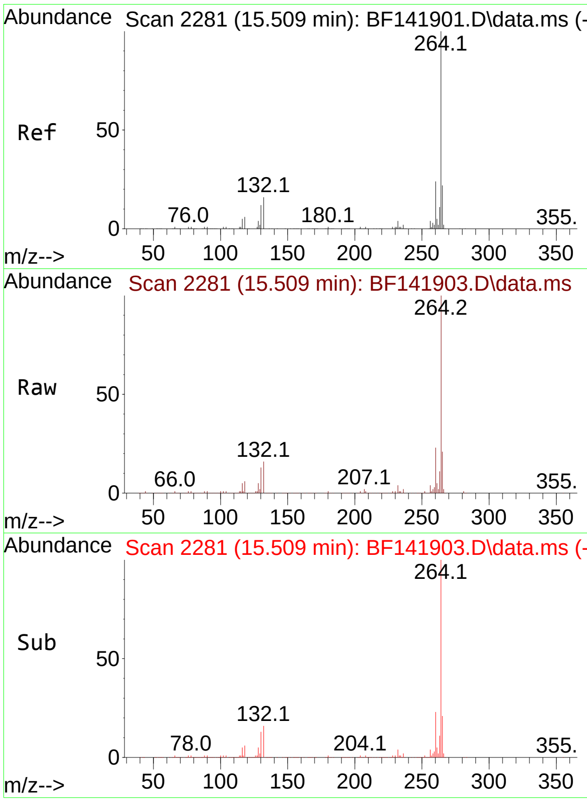
#85
Di-n-octyl phthalate
Concen: 64.613 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:149 Resp: 1953184

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	6.9	10.3



ICAL Form

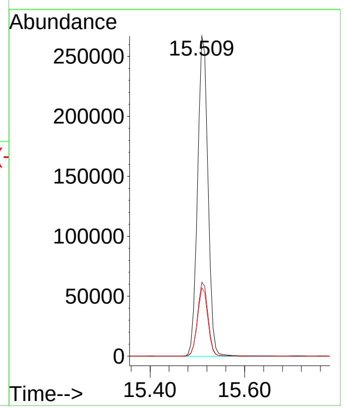


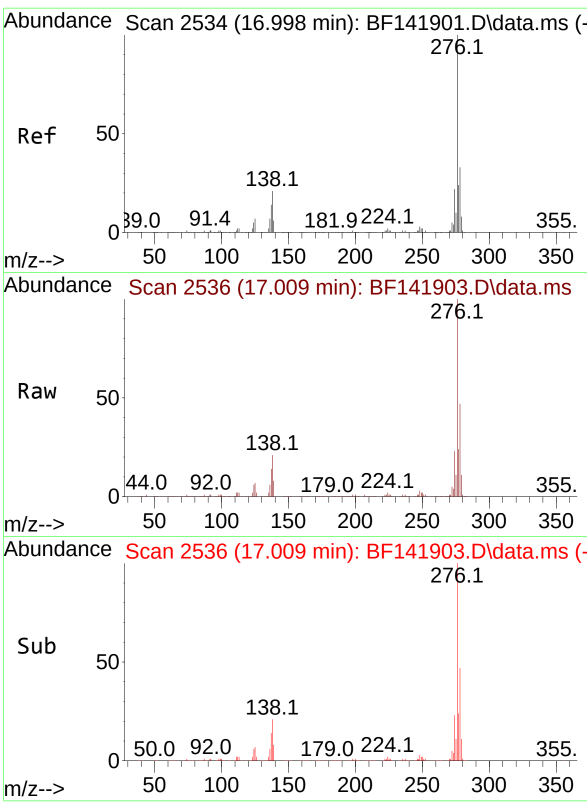
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:264 Resp: 407346

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.4	17.5	26.3

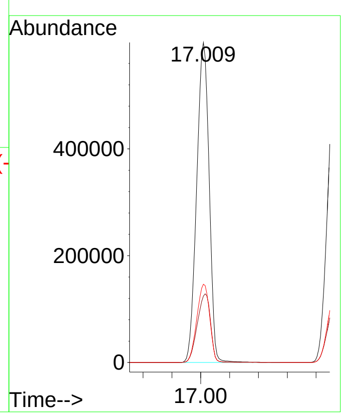




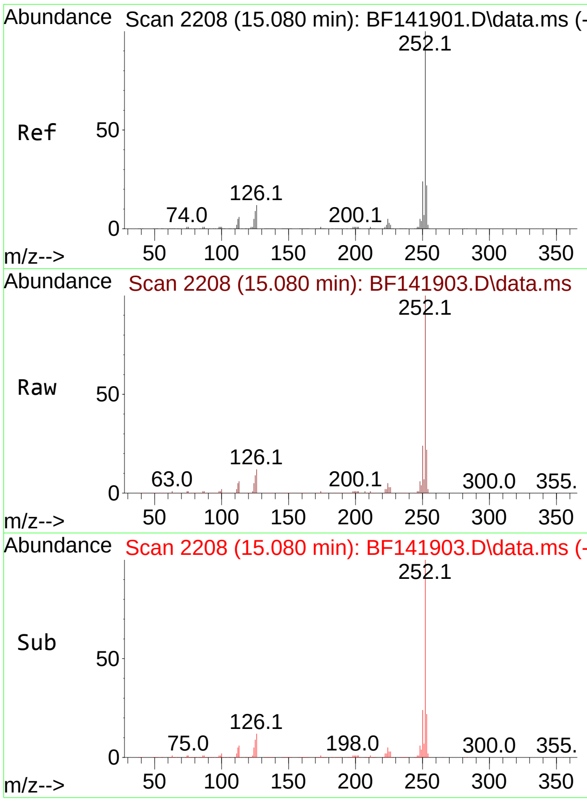
#87
Indeno(1,2,3-cd)pyrene
Concen: 68.115 ng
RT: 17.009 min Scan# 2536
Delta R.T. 0.012 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:276 Resp: 1799372

Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.4	27.6
277	25.2	20.3	30.5



ICAL Form

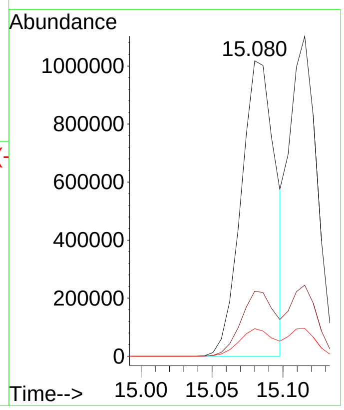


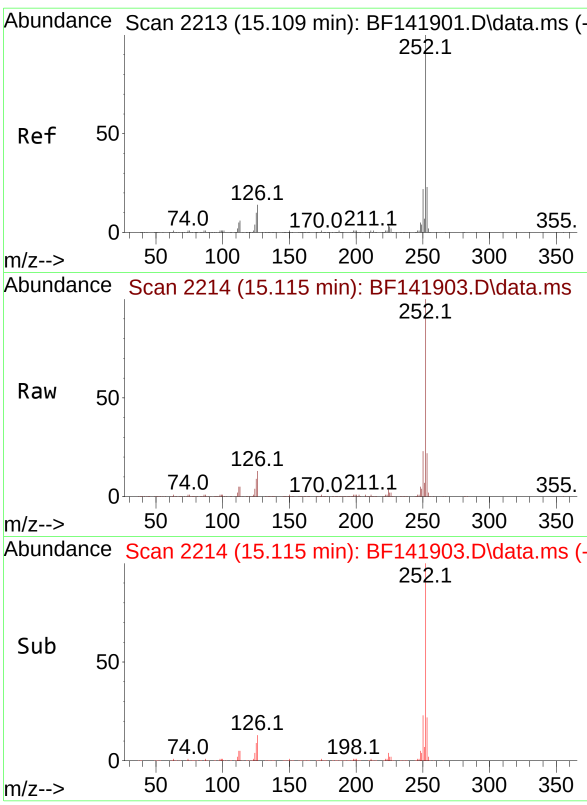
#88
Benzo(b)fluoranthene
Concen: 61.481 ng
RT: 15.080 min   Scan# 2
Delta R.T.   0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025   13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 1698744

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.3	7.0	10.4

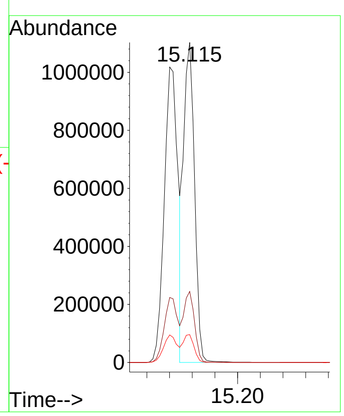




#89
Benzo(k)fluoranthene
Concen: 61.253 ng
RT: 15.115 min   Scan# 2214
Delta R.T.   0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025   13:57

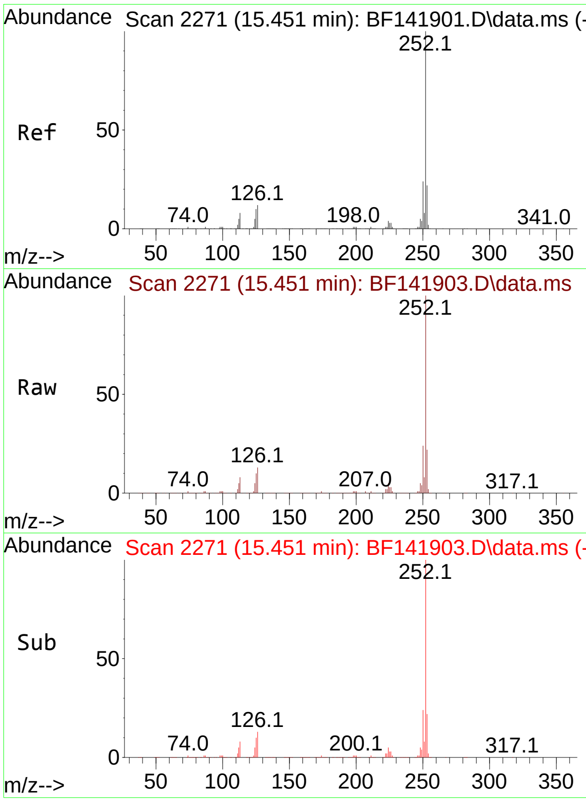
Tgt Ion:252 Resp: 1478389

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	8.7	7.2	10.8



ICAL Form

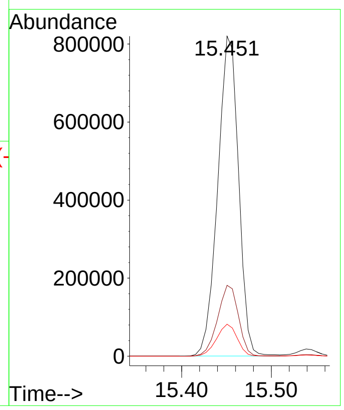
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

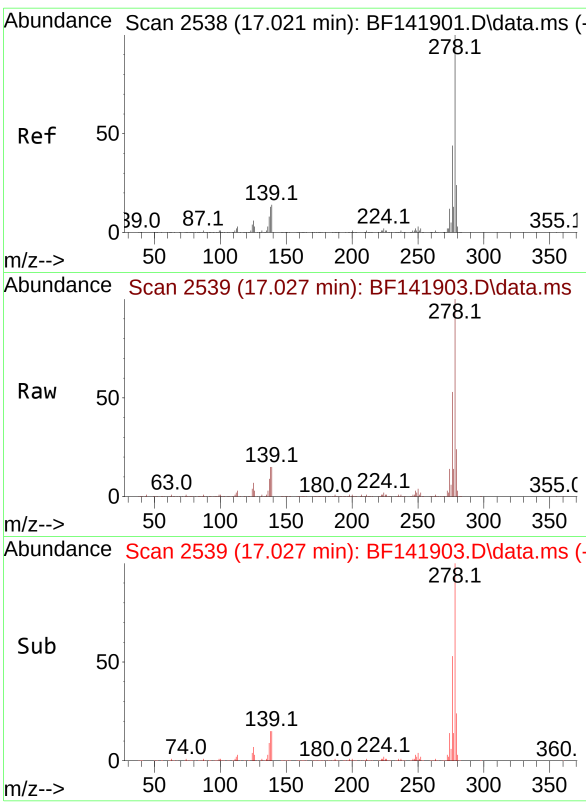


#90
Benzo(a)pyrene
Concen: 60.747 ng
RT: 15.451 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:252 Resp: 1323726

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.0	7.8	11.8

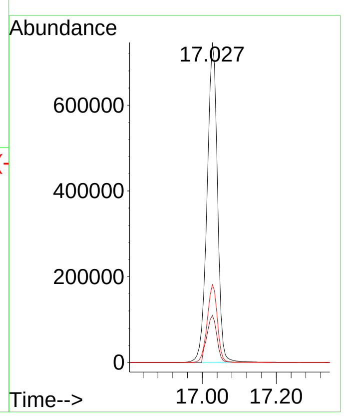




#91
Dibenzo(a,h)anthracene
Concen: 66.981 ng
RT: 17.027 min Scan# 2539
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:278 Resp: 1459934

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.4	17.2
279	24.3	18.8	28.2



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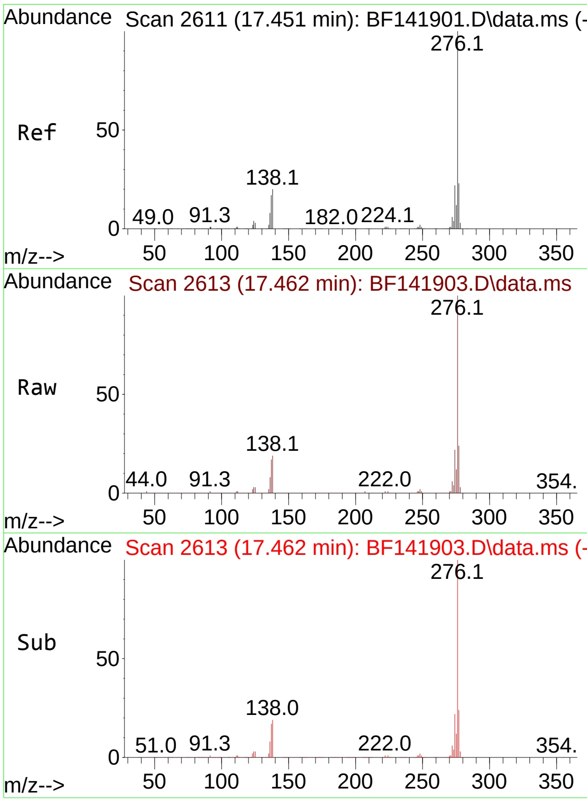
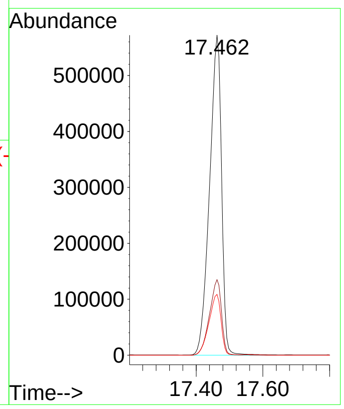


#92
Benzo(g,h,i)perylene
Concen: 65.942 ng
RT: 17.462 min Scan# 2(
Delta R.T. 0.012 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 1425582

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	19.0	15.8	23.8



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141904.D
Acq On : 10 Mar 2025 14:27
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Mar 10 15:37:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.887	152	214737	20.000 ng	0.00
21) Naphthalene-d8	8.169	136	826030	20.000 ng	0.00
39) Acenaphthene-d10	9.922	164	452864	20.000 ng	0.00
64) Phenanthrene-d10	11.404	188	738472	20.000 ng	0.00
76) Chrysene-d12	14.045	240	424370	20.000 ng	0.00
86) Perylene-d12	15.510	264	391768	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.498	112	1930406	149.991 ng	0.00
7) Phenol-d6	6.522	99	2446183	149.235 ng	0.02
23) Nitrobenzene-d5	7.457	82	2335417	158.463 ng	0.01
42) 2,4,6-Tribromophenol	10.716	330	986206	171.858 ng	0.01
45) 2-Fluorobiphenyl	9.245	172	4513418	151.763 ng	0.00
79) Terphenyl-d14	12.992	244	4700026	163.713 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.669	88	436007	80.831 ng	98
3) Pyridine	3.440	79	1059473	79.923 ng	99
4) n-Nitrosodimethylamine	3.416	42	521442	82.752 ng	99
6) Aniline	6.563	93	1160437	71.712 ng	99
8) 2-Chlorophenol	6.675	128	1078659	75.616 ng	98
10) Phenol	6.534	94	1285145	74.308 ng	89
11) bis(2-Chloroethyl)ether	6.628	93	968280	74.725 ng	99
12) 1,3-Dichlorobenzene	6.828	146	1173924	76.153 ng	100
13) 1,4-Dichlorobenzene	6.904	146	1181975	75.784 ng	99
14) 1,2-Dichlorobenzene	7.063	146	1093316	74.440 ng	99
15) Benzyl Alcohol	7.034	79	1013314	76.376 ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1127534	72.198 ng	98
17) 2-Methylphenol	7.134	107	876665	77.326 ng	98
18) Hexachloroethane	7.398	117	448765	76.745 ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	783318	74.351 ng	100
20) 3+4-Methylphenols	7.298	107	1050191	72.219 ng	# 84
22) Acetophenone	7.304	105	1496035	75.498 ng	# 95
24) Nitrobenzene	7.475	77	1162753	79.572 ng	100
25) Isophorone	7.722	82	2056405	79.032 ng	100
26) 2-Nitrophenol	7.787	139	599261	83.688 ng	99
27) 2,4-Dimethylphenol	7.822	122	767514	77.821 ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1248549	76.598 ng	100
29) 2,4-Dichlorophenol	8.028	162	971886	79.403 ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	1062793	78.705 ng	99
31) Naphthalene	8.192	128	3152444	74.497 ng	99
32) Benzoic acid	7.975	122	795850	92.323 ng	98
33) 4-Chloroaniline	8.239	127	1088546	72.896 ng	100
34) Hexachlorobutadiene	8.304	225	713827	81.299 ng	99
35) Caprolactam	8.639	113	311758m	83.763 ng	
36) 4-Chloro-3-methylphenol	8.716	107	1056917	77.644 ng	99
37) 2-Methylnaphthalene	8.881	142	2129990	75.023 ng	100
38) 1-Methylnaphthalene	8.981	142	2050191	74.568 ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	1127671	81.667 ng	98
41) Hexachlorocyclopentadiene	9.028	237	463300	85.031 ng	99
43) 2,4,6-Trichlorophenol	9.157	196	741710	82.399 ng	100
44) 2,4,5-Trichlorophenol	9.198	196	736926	80.579 ng	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141904.D
Acq On : 10 Mar 2025 14:27
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Mar 10 15:37:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46) 1,1'-Biphenyl	9.345	154	2626697	76.503 ng		99
47) 2-Chloronaphthalene	9.369	162	1992242	77.859 ng		99
48) 2-Nitroaniline	9.463	65	597778	81.326 ng		98
49) Acenaphthylene	9.786	152	2878496	75.877 ng		99
50) Dimethylphthalate	9.657	163	2428843	77.192 ng		100
51) 2,6-Dinitrotoluene	9.710	165	529139	80.867 ng		99
52) Acenaphthene	9.957	154	2085941	77.872 ng		99
53) 3-Nitroaniline	9.881	138	526980	78.435 ng		100
54) 2,4-Dinitrophenol	9.981	184	305399	81.479 ng	#	55
55) Dibenzofuran	10.128	168	2844432	74.474 ng		99
56) 4-Nitrophenol	10.033	139	416153	82.456 ng		97
57) 2,4-Dinitrotoluene	10.116	165	681278	79.099 ng		95
58) Fluorene	10.475	166	2210653	74.974 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	668027	80.507 ng		99
60) Diethylphthalate	10.345	149	2358921	74.681 ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	1209021	78.724 ng		97
62) 4-Nitroaniline	10.504	138	502894	77.243 ng		98
63) Azobenzene	10.622	77	2168742	73.911 ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	404505	92.396 ng		98
66) n-Nitrosodiphenylamine	10.586	169	1882098	78.895 ng		99
67) 4-Bromophenyl-phenylether	10.957	248	774645	84.232 ng		95
68) Hexachlorobenzene	11.016	284	862357	84.832 ng		97
70) Pentachlorophenol	11.210	266	563030	89.813 ng		100
71) Phenanthrene	11.433	178	3020950	75.649 ng		99
72) Anthracene	11.486	178	3031014	75.653 ng		99
73) Carbazole	11.639	167	2552563	74.002 ng		98
74) Di-n-butylphthalate	11.969	149	3342776	73.399 ng		99
75) Fluoranthene	12.622	202	3005566	71.694 ng		99
77) Benzidine	12.733	184	427770	71.330 ng		99
78) Pyrene	12.851	202	2930115	80.513 ng		99
80) Butylbenzylphthalate	13.463	149	1149989	80.189 ng		99
81) Benzo(a)anthracene	14.033	228	2196935	78.692 ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	652678	80.884 ng		99
83) Chrysene	14.074	228	2018832	80.498 ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	1573231	79.962 ng		98
85) Di-n-octyl phthalate	14.633	149	2310836	84.386 ng		100
87) Indeno(1,2,3-cd)pyrene	17.009	276	2238588	88.111 ng		99
88) Benzo(b)fluoranthene	15.086	252	2246428	84.536 ng		99
89) Benzo(k)fluoranthene	15.116	252	1631675	70.292 ng		99
90) Benzo(a)pyrene	15.457	252	1725632	82.339 ng		100
91) Dibenzo(a,h)anthracene	17.033	278	1846778	88.098 ng		99
92) Benzo(g,h,i)perylene	17.468	276	1828662	87.950 ng		99

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

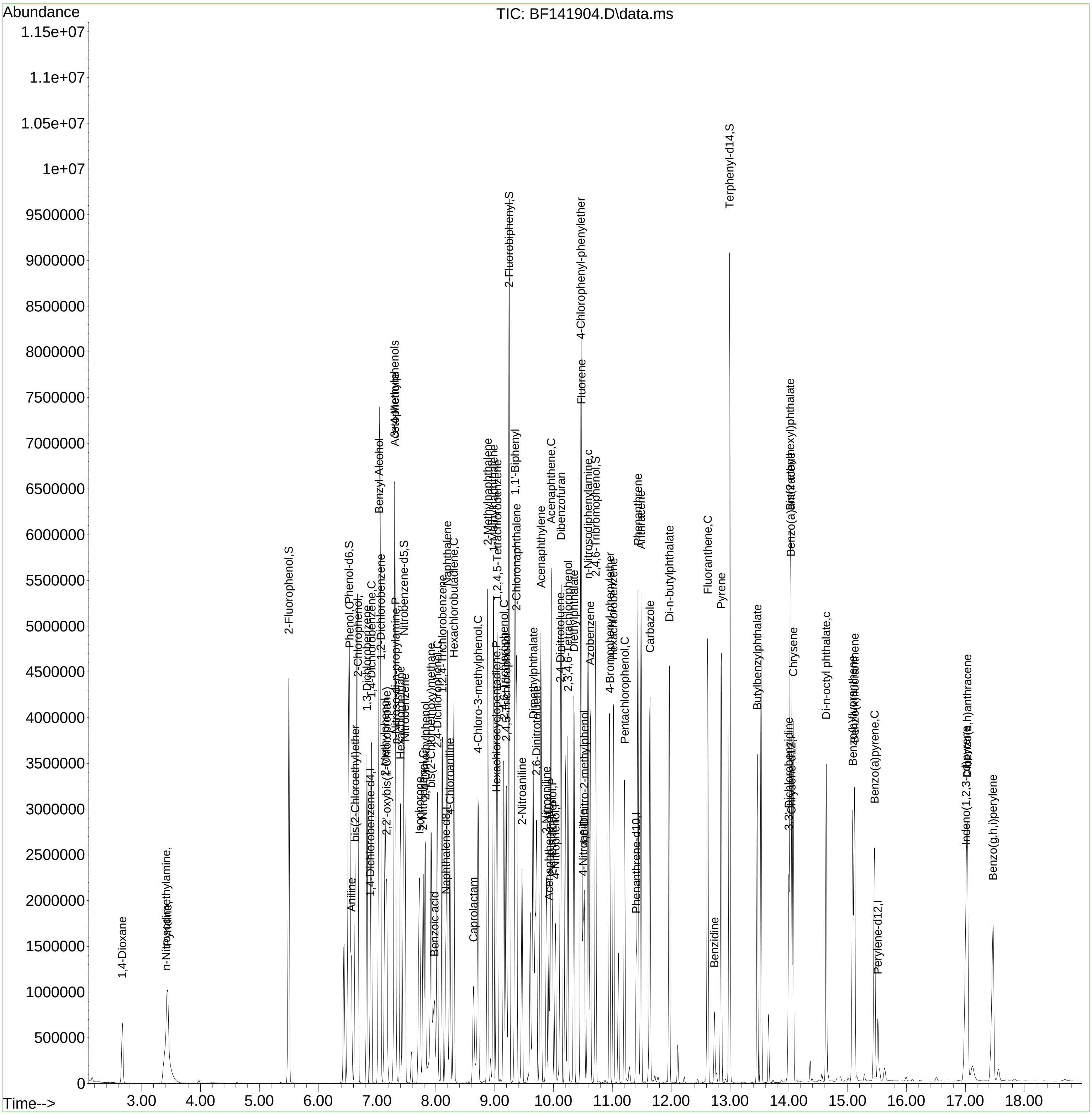
Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141904.D
Acq On : 10 Mar 2025 14:27
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

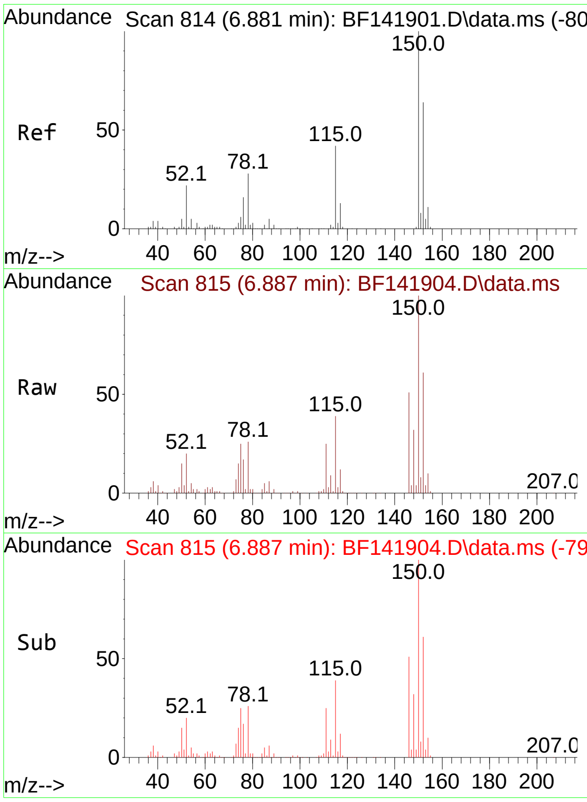
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Mar 10 15:37:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



ICAL Form

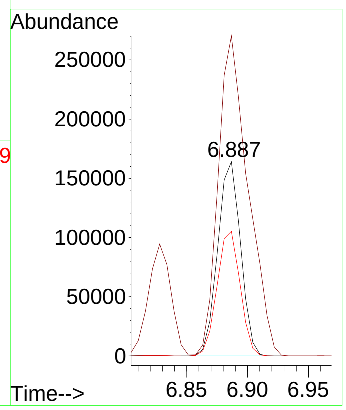
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

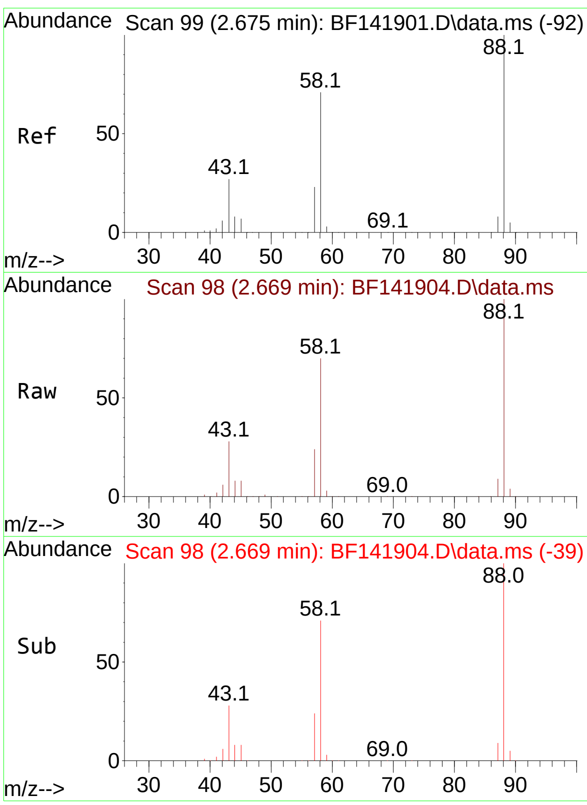


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:152 Resp: 214737

Ion	Ratio	Lower	Upper
152	100		
150	164.7	127.4	191.2
115	64.2	51.9	77.9

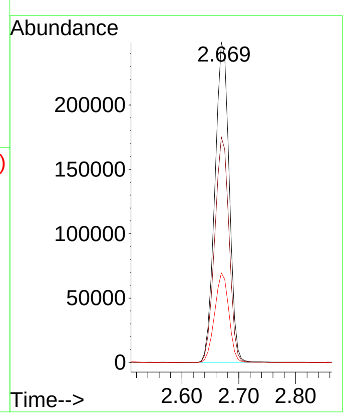




#2
1,4-Dioxane
Concen: 80.831 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

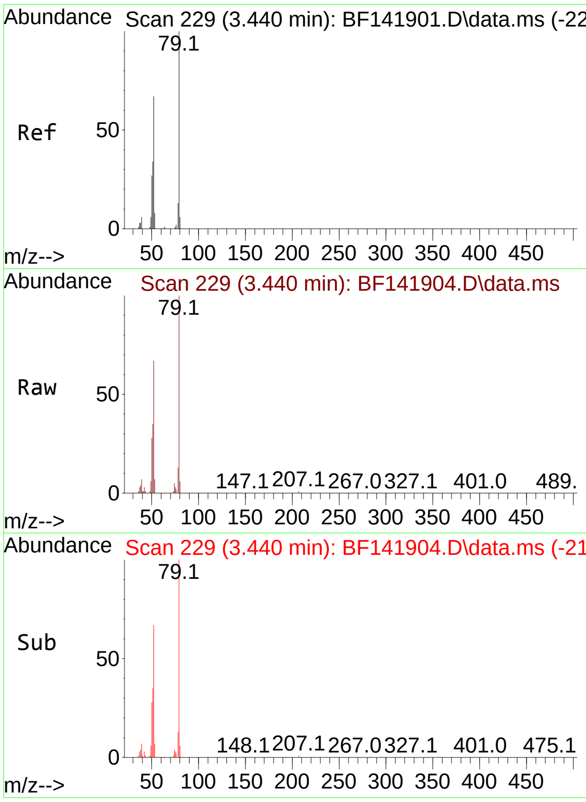
Tgt Ion: 88 Resp: 436007

Ion	Ratio	Lower	Upper
88	100		
58	70.3	57.4	86.2
43	27.6	21.5	32.3



ICAL Form

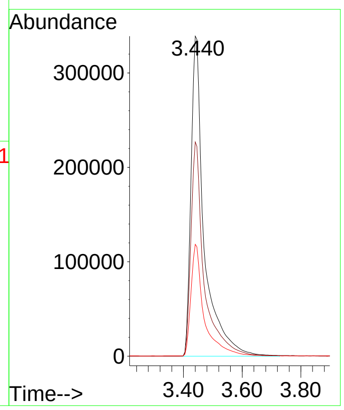
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

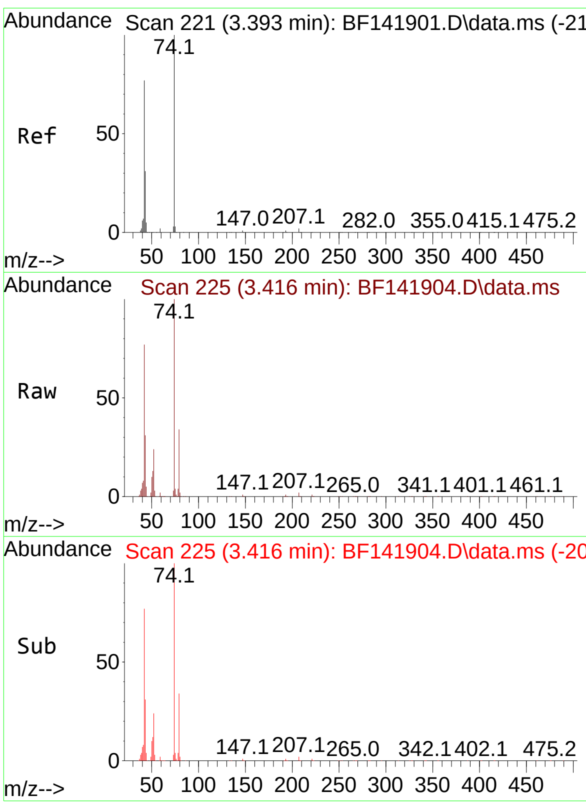


#3
Pyridine
Concen: 79.923 ng
RT: 3.440 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion: 79 Resp: 1059473

Ion	Ratio	Lower	Upper
79	100		
52	66.9	53.3	79.9
51	35.0	27.6	41.4

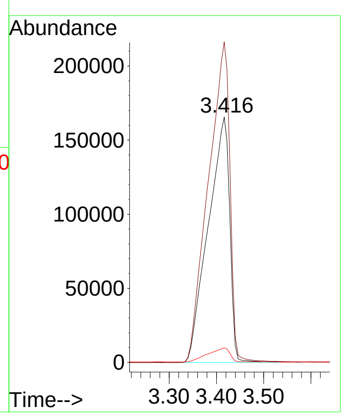




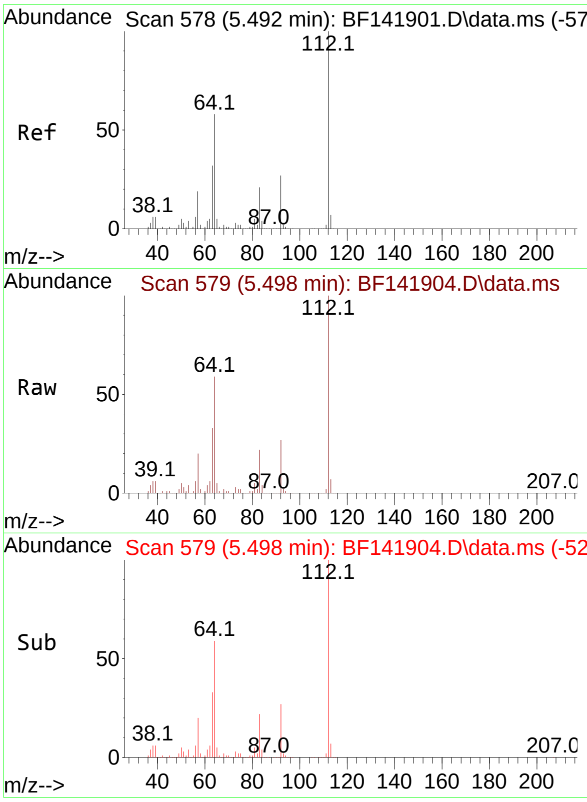
#4
n-Nitrosodimethylamine
Concen: 82.752 ng
RT: 3.416 min Scan# 225
Delta R.T. 0.024 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion: 42 Resp: 521442

Ion	Ratio	Lower	Upper
42	100		
74	130.6	103.4	155.0
44	6.0	5.0	7.4



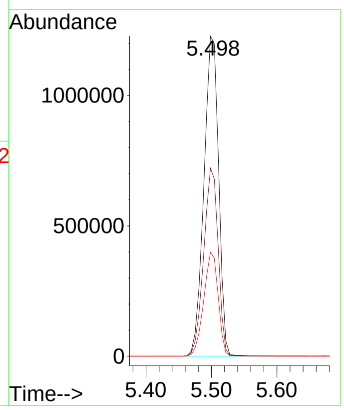
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

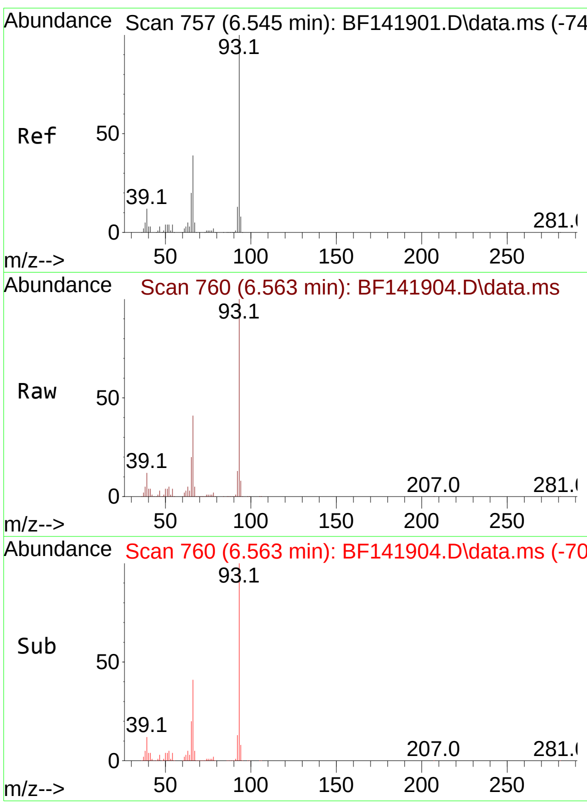


#5
2-Fluorophenol
Concen: 149.991 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:112 Resp: 1930406

Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.5	69.7
63	32.5	25.4	38.2

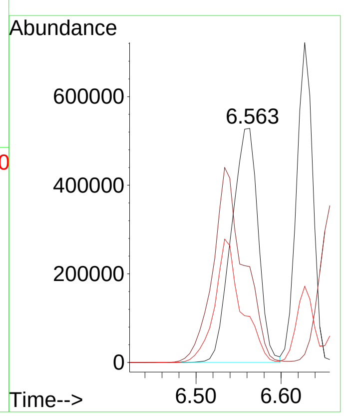




#6
Aniline
Concen: 71.712 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion: 93 Resp: 1160437

Ion	Ratio	Lower	Upper
93	100		
66	40.9	31.9	47.9
65	19.7	15.8	23.6



Instrument :
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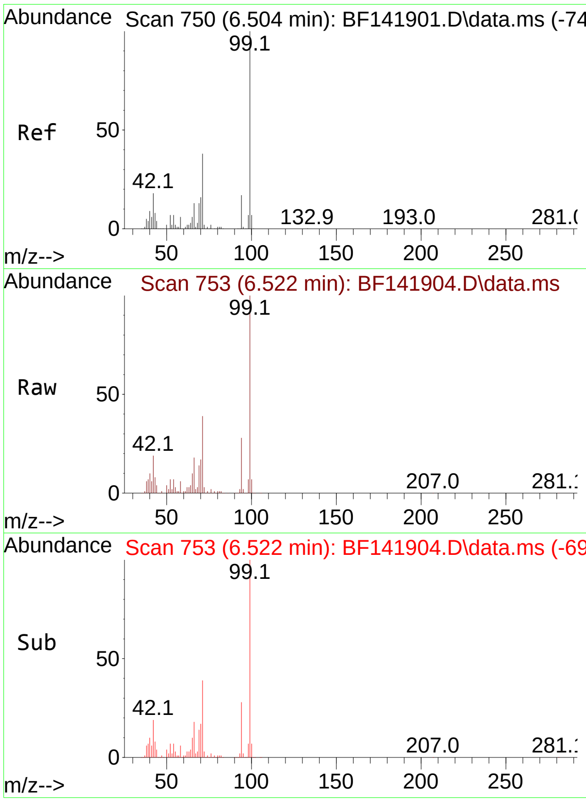
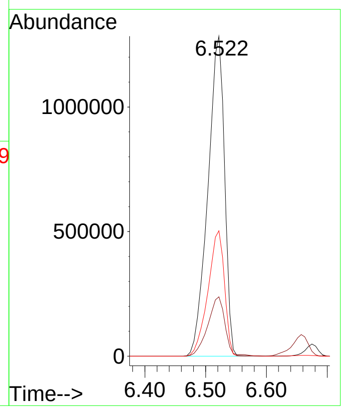
ClientSampleId :
SSTDICC080

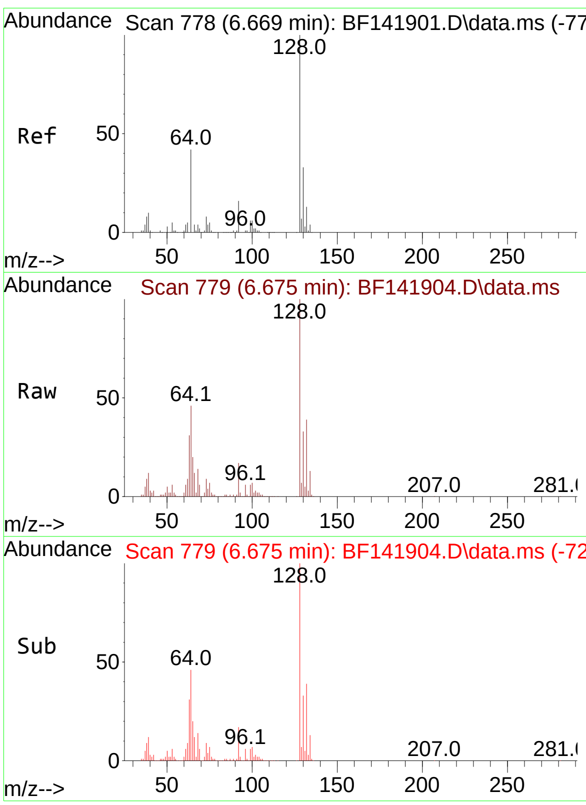


#7
Phenol-d6
Concen: 149.235 ng
RT: 6.522 min   Scan# 7
Delta R.T.   0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025   14:27

Tgt Ion: 99 Resp: 2446183

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	21.8
71	39.2	30.8	46.2

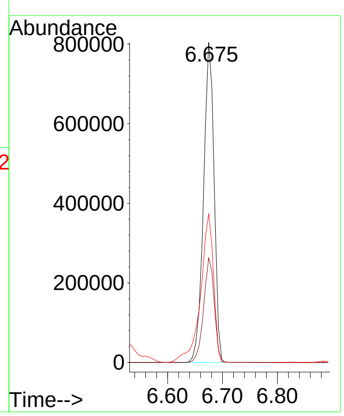




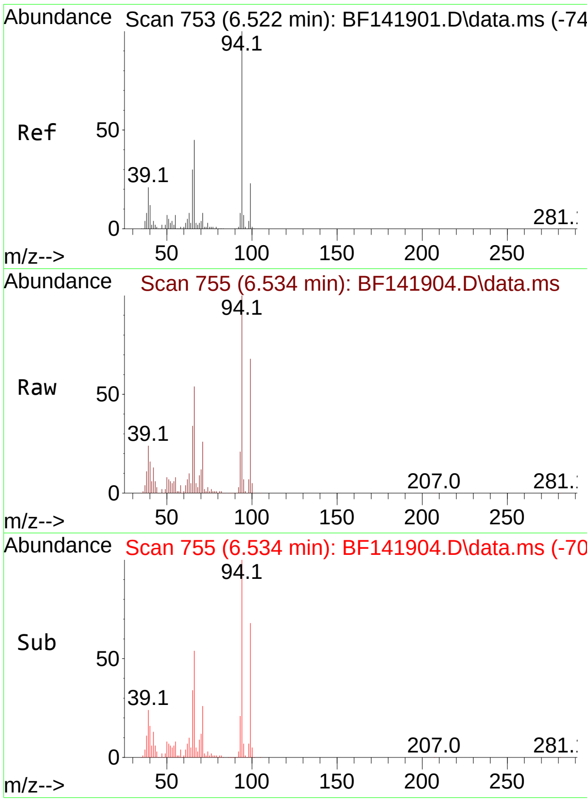
#8
2-Chlorophenol
Concen: 75.616 ng
RT: 6.675 min   Scan# 779
Delta R.T.   0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025   14:27

Tgt Ion:128 Resp: 1078659

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.8	52.8
64	46.4	24.4	64.4



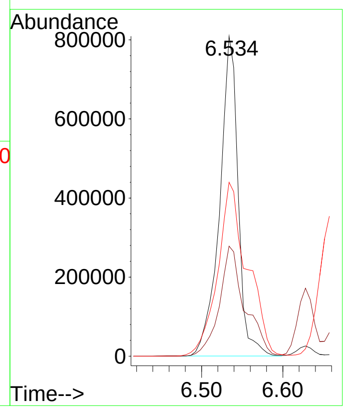
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

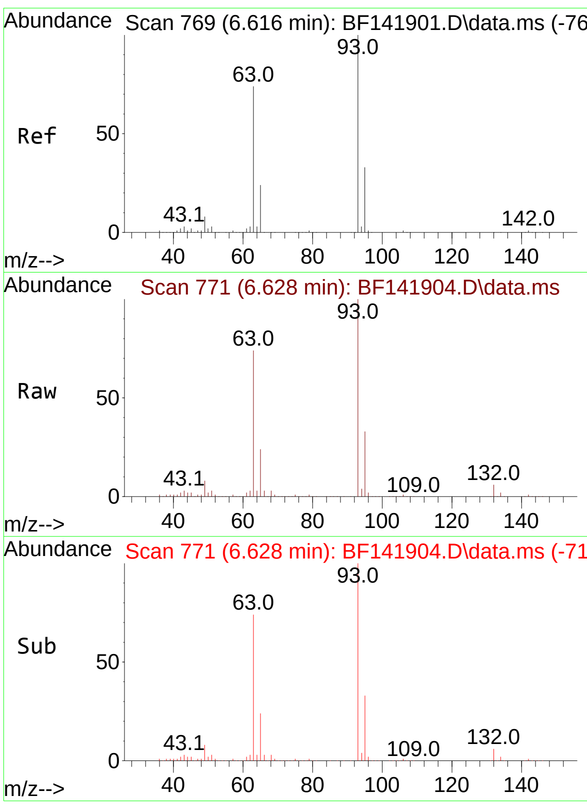


#10
Phenol
Concen: 74.308 ng
RT: 6.534 min   Scan# 7
Delta R.T.   0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025   14:27

Tgt Ion: 94 Resp: 1285145

Ion	Ratio	Lower	Upper
94	100		
65	34.4	10.5	50.5
66	54.3	25.8	65.8

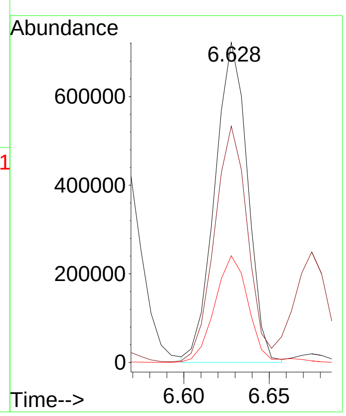




#11
bis(2-Chloroethyl)ether
Concen: 74.725 ng
RT: 6.628 min   Scan# 771
Delta R.T.   0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025   14:27

Tgt Ion: 93 Resp: 968280

Ion	Ratio	Lower	Upper
93	100		
63	73.9	53.0	93.0
95	33.4	12.9	52.9



ICAL Form

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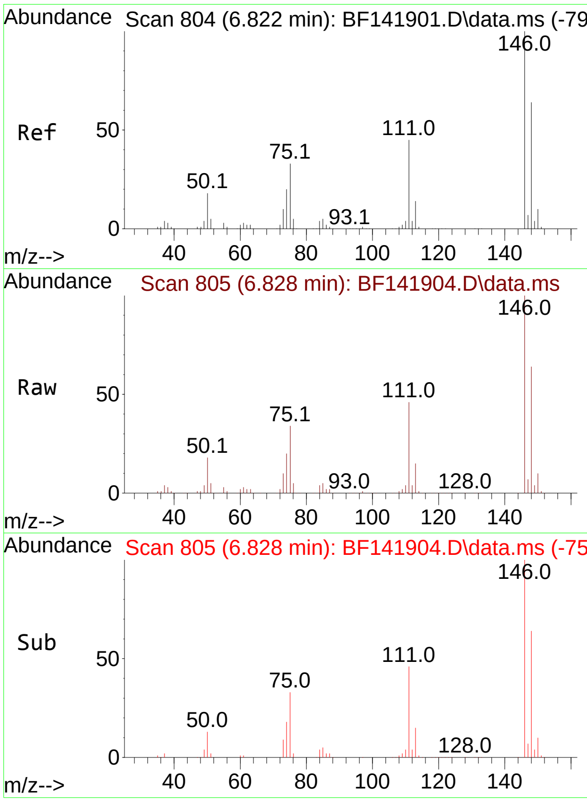
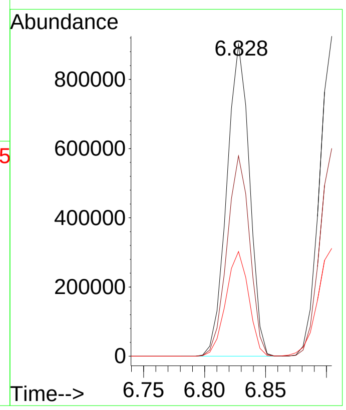
ClientSampleId : SSTDICC080

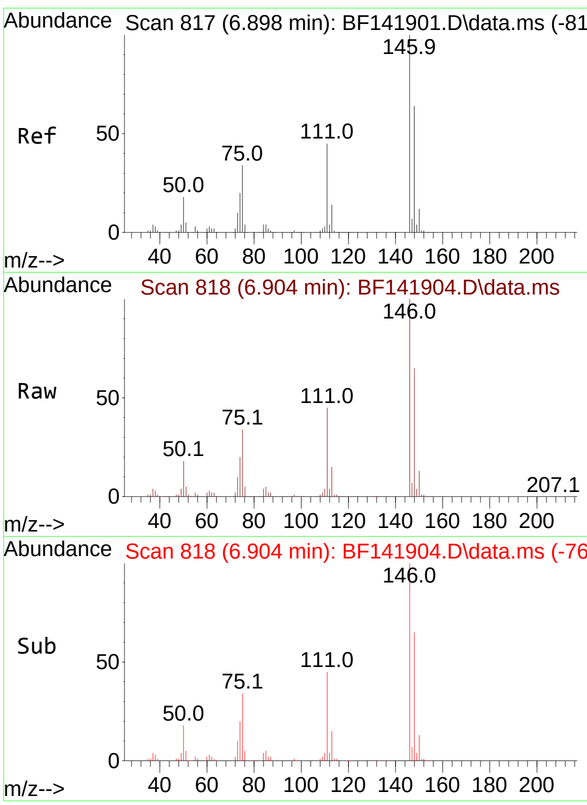


#12
1,3-Dichlorobenzene
Concen: 76.153 ng
RT: 6.828 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:146 Resp: 1173924

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
75	33.6	26.6	40.0

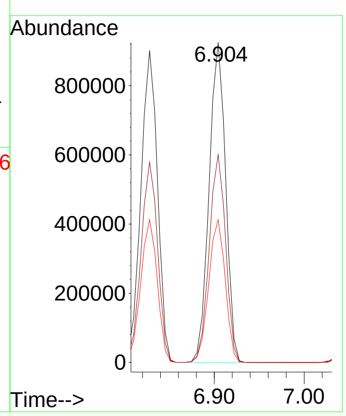




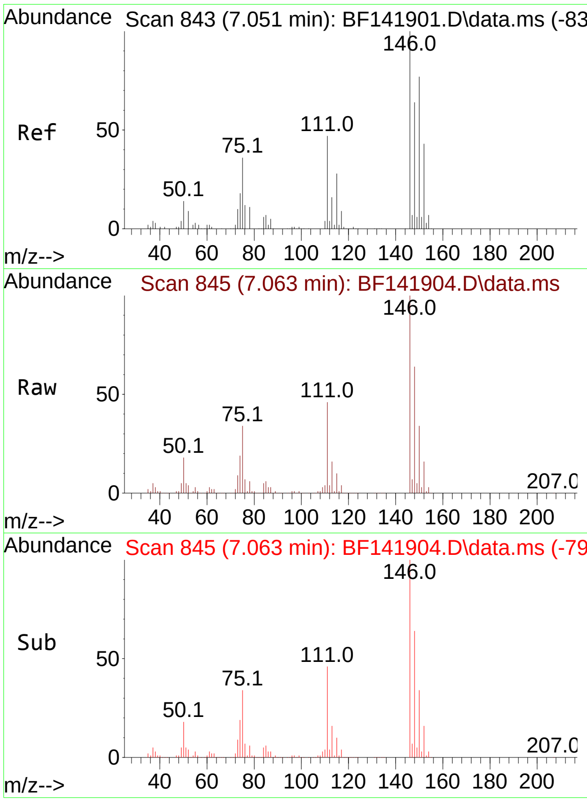
#13
1,4-Dichlorobenzene
Concen: 75.784 ng
RT: 6.904 min Scan# 818
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:146 Resp: 1181975

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.0	76.6
111	44.6	35.7	53.5



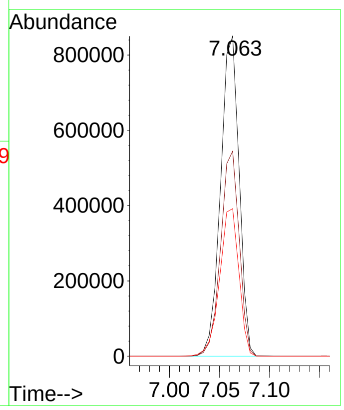
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

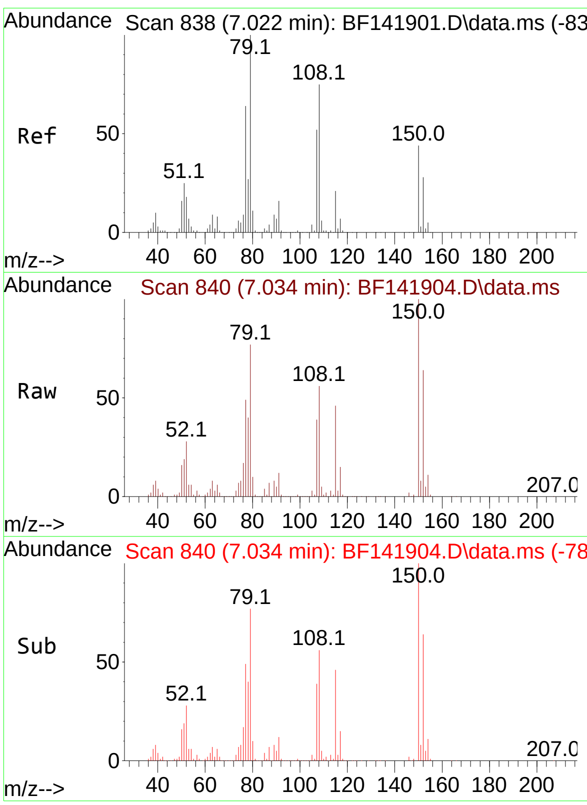


#14
1,2-Dichlorobenzene
Concen: 74.440 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:146 Resp: 1093316

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	46.1	38.0	57.0

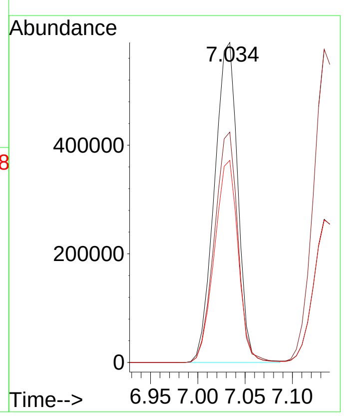




#15
Benzyl Alcohol
Concen: 76.376 ng
RT: 7.034 min Scan# 840
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

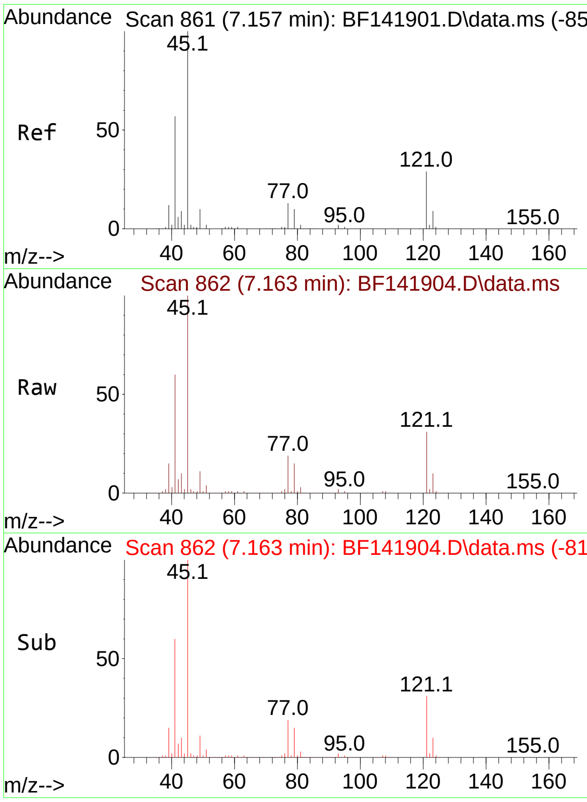
Tgt Ion: 79 Resp: 1013314

Ion	Ratio	Lower	Upper
79	100		
108	72.0	59.7	89.5
77	63.1	51.0	76.6



ICAL Form

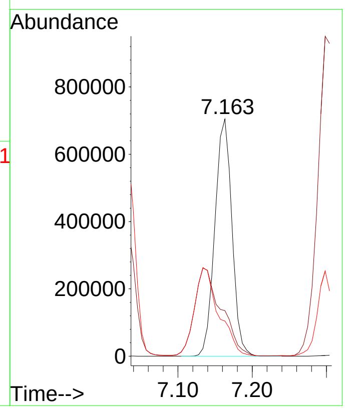
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

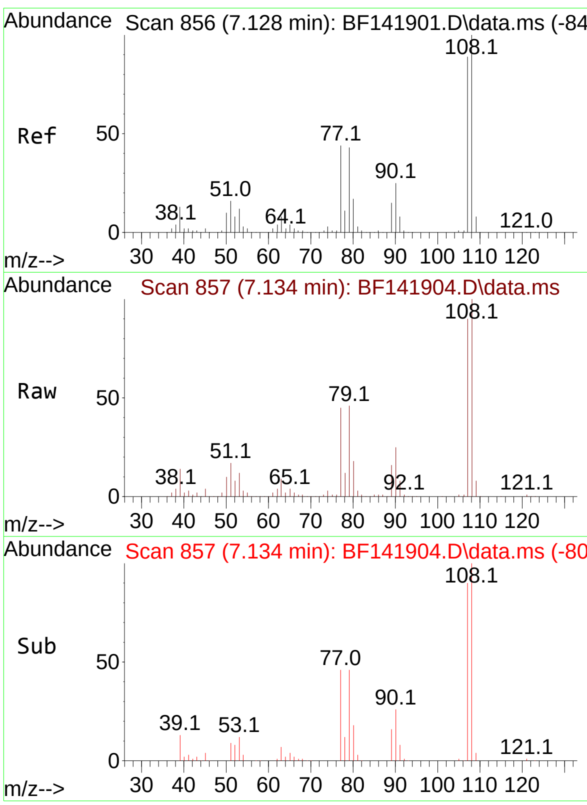


#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.198 ng
RT: 7.163 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion: 45 Resp: 1127534

Ion	Ratio	Lower	Upper
45	100		
77	19.3	0.0	37.8
79	14.8	0.0	34.2

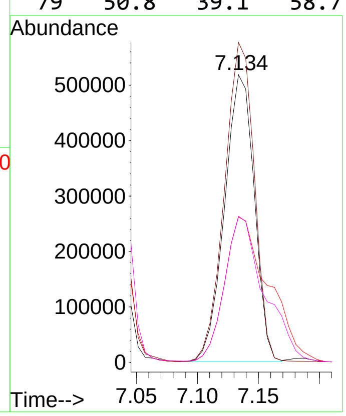




#17
2-Methylphenol
Concen: 77.326 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

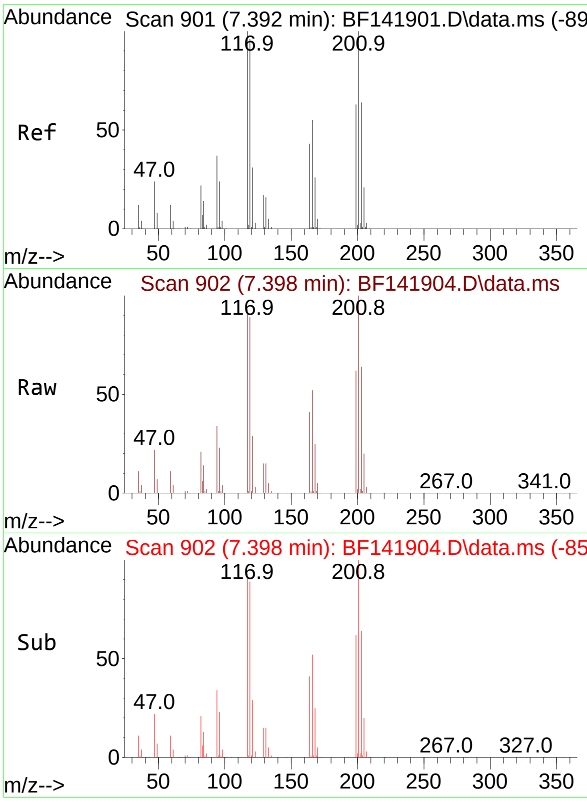
Tgt Ion:107 Resp: 876665

Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.2	135.2
77	50.5	39.6	59.4
79	50.8	39.1	58.7



ICAL Form

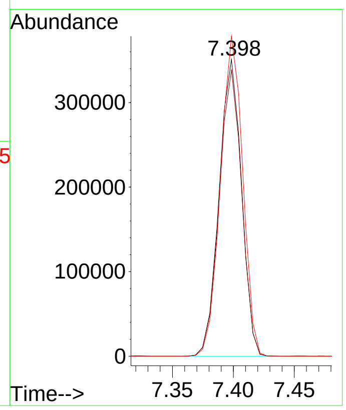
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

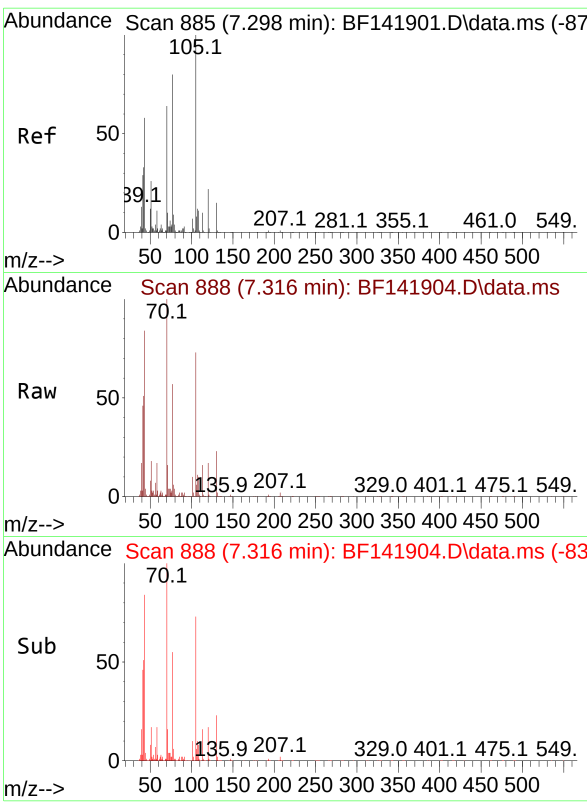


#18
Hexachloroethane
Concen: 76.745 ng
RT: 7.398 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:117 Resp: 448765

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
201	107.9	79.9	119.9

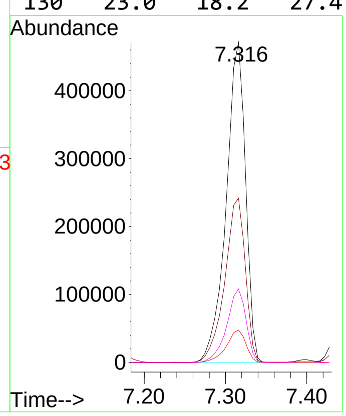




#19
n-Nitroso-di-n-propylamine
Concen: 74.351 ng
RT: 7.316 min Scan# 888
Delta R.T. 0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion: 70 Resp: 783318

Ion	Ratio	Lower	Upper
70	100		
42	51.4	41.4	62.0
101	10.2	8.2	12.2
130	23.0	18.2	27.4



Instrument :
BNA_F
ClientSampleId :
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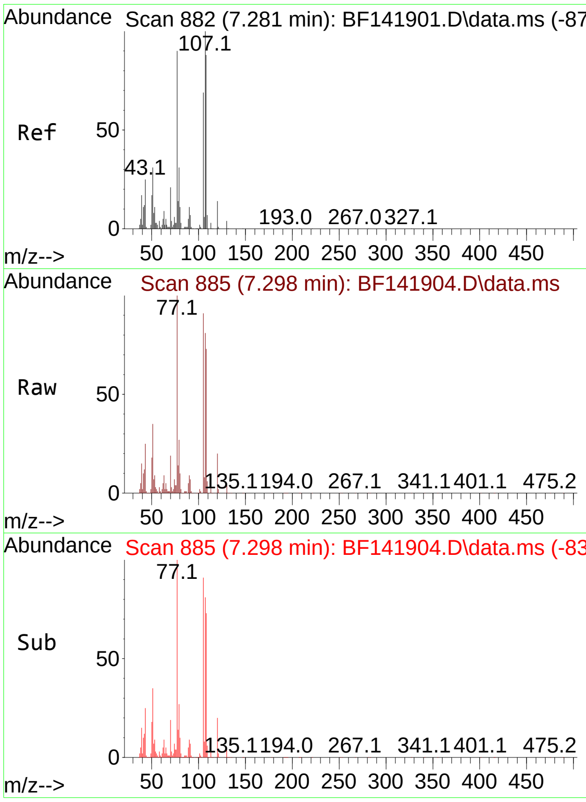
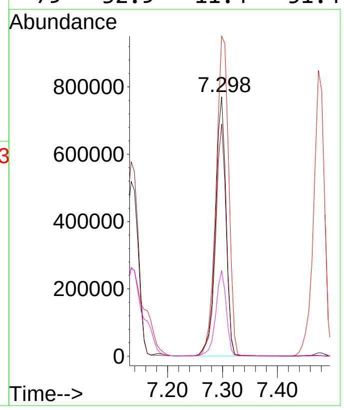
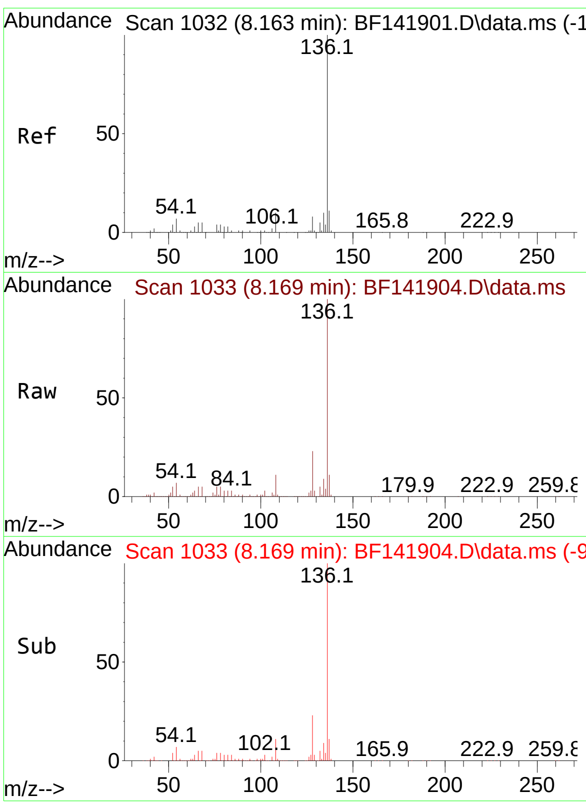


#20
3+4-Methylphenols
Concen: 72.219 ng
RT: 7.298 min Scan# 8
Delta R.T. 0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:107 Resp: 1050191

Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.4	108.4
77	123.4	69.7	109.7#
79	32.9	11.4	51.4

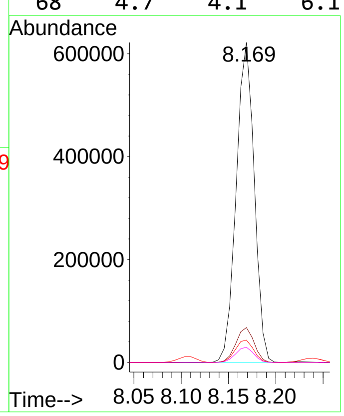




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:136 Resp: 826030

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.0	5.8	8.8
68	4.7	4.1	6.1



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Instrument :
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ClientSampleId :
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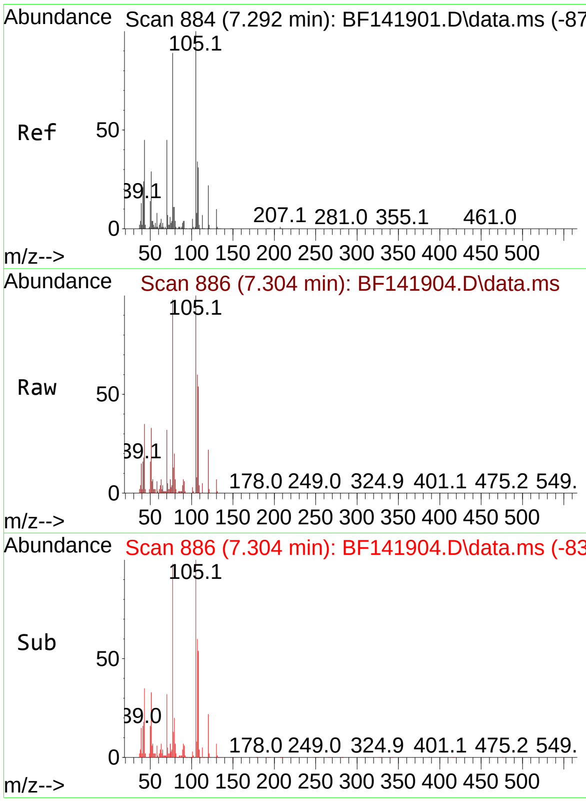
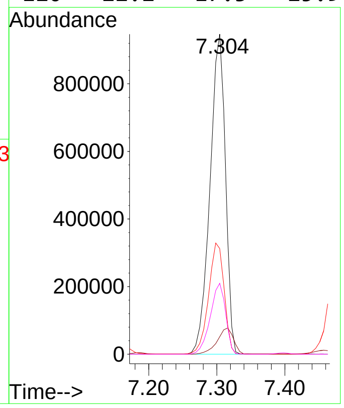
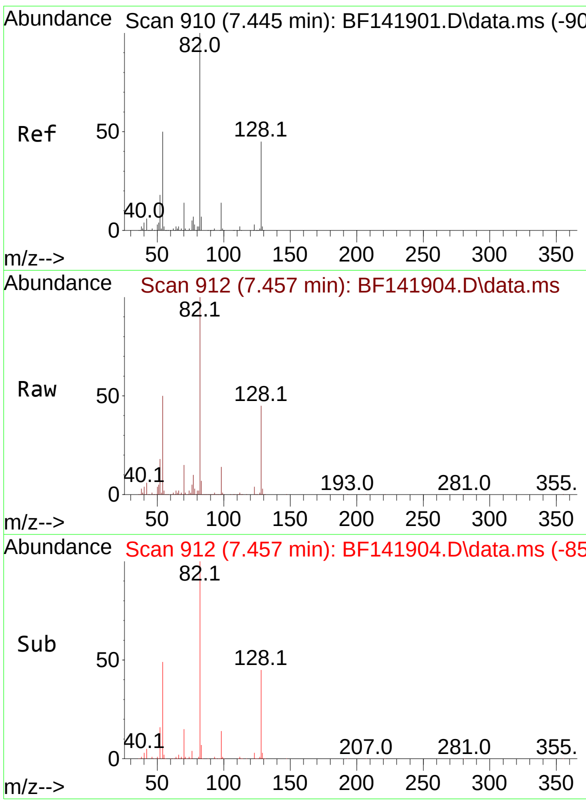


#22
Acetophenone
Concen: 75.498 ng
RT: 7.304 min   Scan# 8
Delta R.T.   0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025   14:27

Tgt Ion:105 Resp: 1496035

Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.8	8.8#
51	33.0	23.4	35.0
120	22.2	17.3	25.9

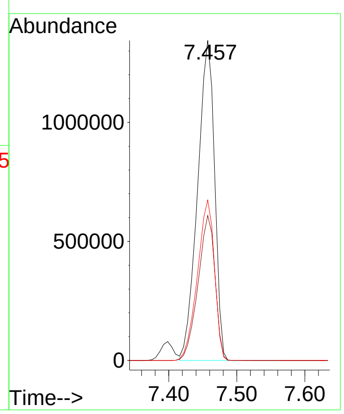




#23
Nitrobenzene-d5
Concen: 158.463 ng
RT: 7.457 min   Scan# 912
Delta R.T.   0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025   14:27

Tgt Ion: 82 Resp: 2335417

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.0	54.0
54	50.1	39.6	59.4



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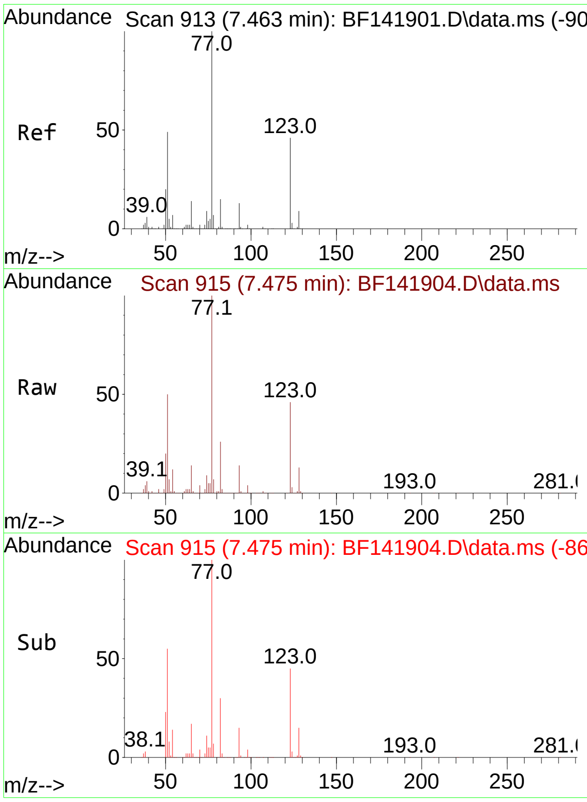
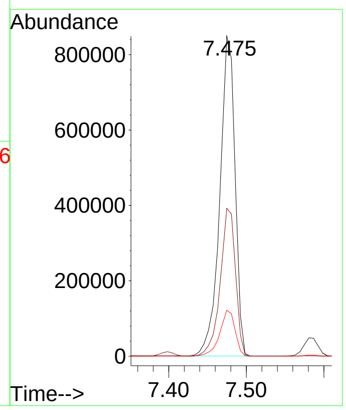
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

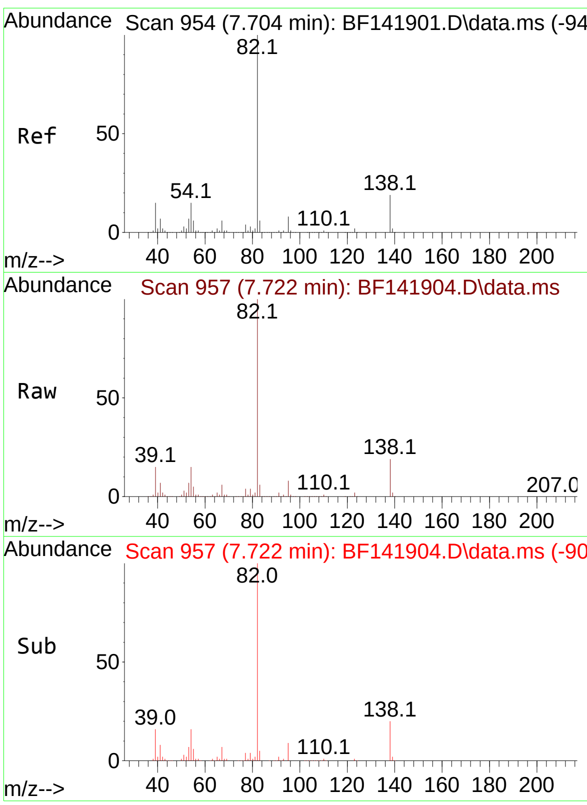


#24
Nitrobenzene
Concen: 79.572 ng
RT: 7.475 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion: 77 Resp: 1162753

Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.0	55.4
65	14.4	11.3	16.9

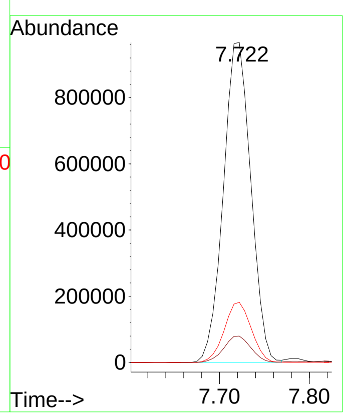




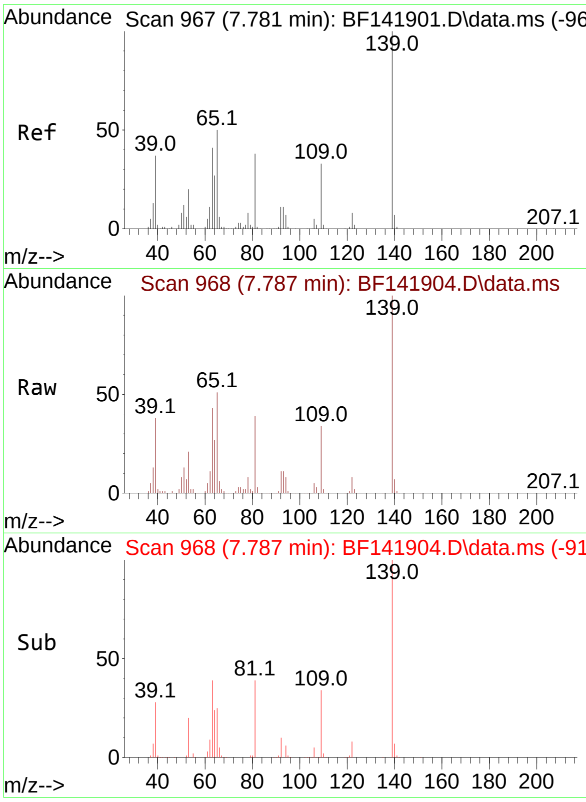
#25
Isophorone
Concen: 79.032 ng
RT: 7.722 min Scan# 957
Delta R.T. 0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion: 82 Resp: 2056405

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.4	9.6
138	18.8	14.9	22.3



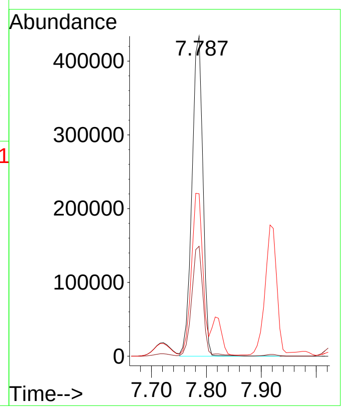
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

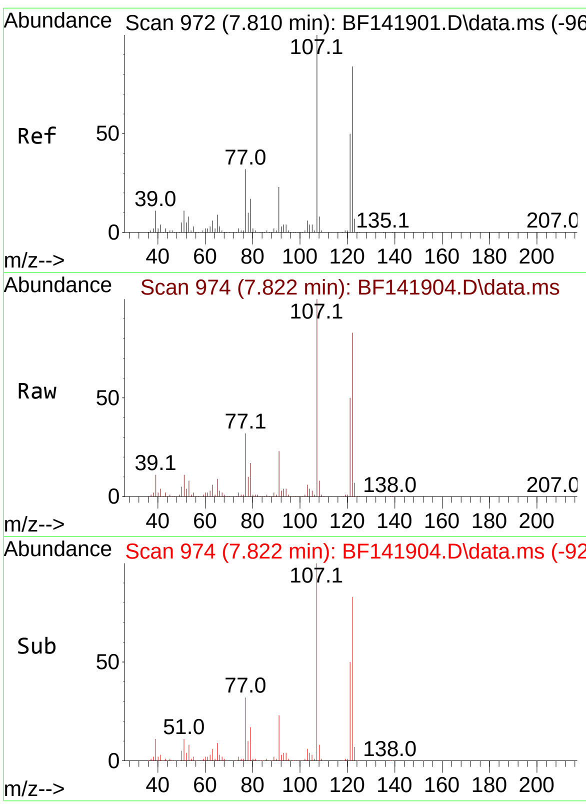


#26
2-Nitrophenol
Concen: 83.688 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:139 Resp: 599261

Ion	Ratio	Lower	Upper
139	100		
109	34.4	26.5	39.7
65	50.8	40.3	60.5

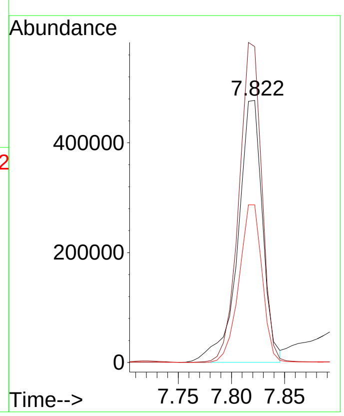




#27
2,4-Dimethylphenol
Concen: 77.821 ng
RT: 7.822 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:122 Resp: 767514

Ion	Ratio	Lower	Upper
122	100		
107	120.5	94.8	142.2
121	60.1	47.8	71.6



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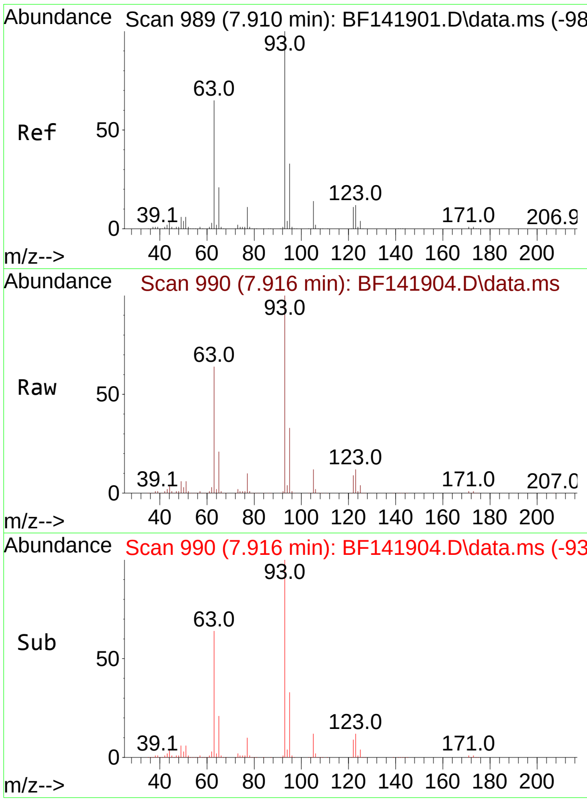
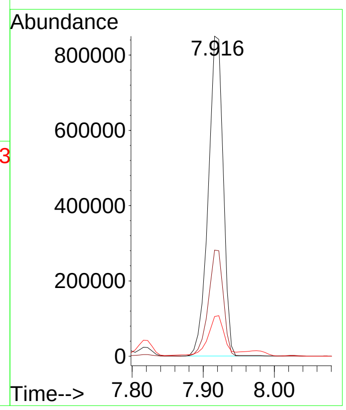


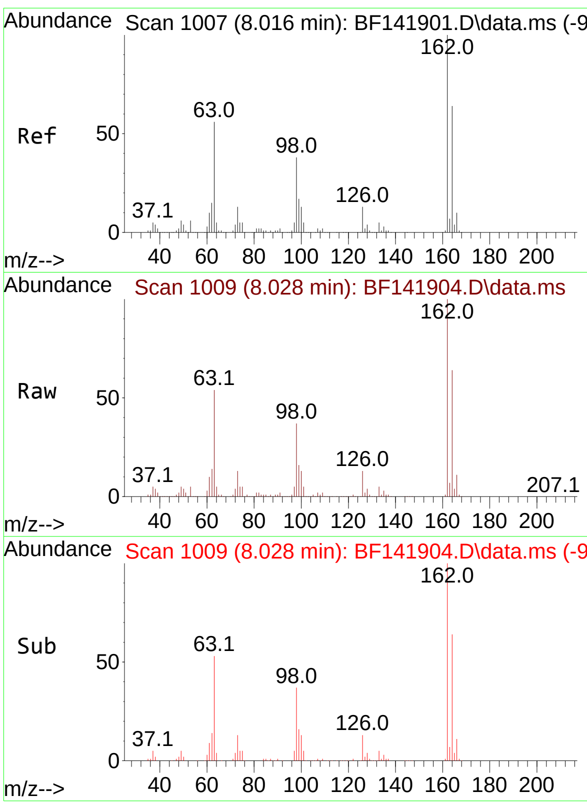
#28
bis(2-Chloroethoxy)methane
Concen: 76.598 ng
RT: 7.916 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 1248549

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	12.4	10.2	15.4

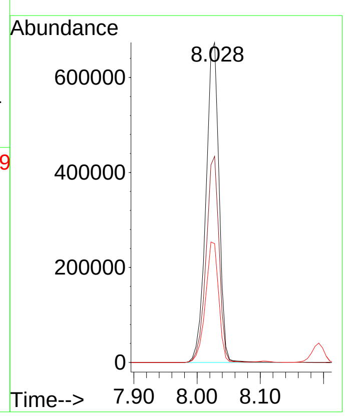




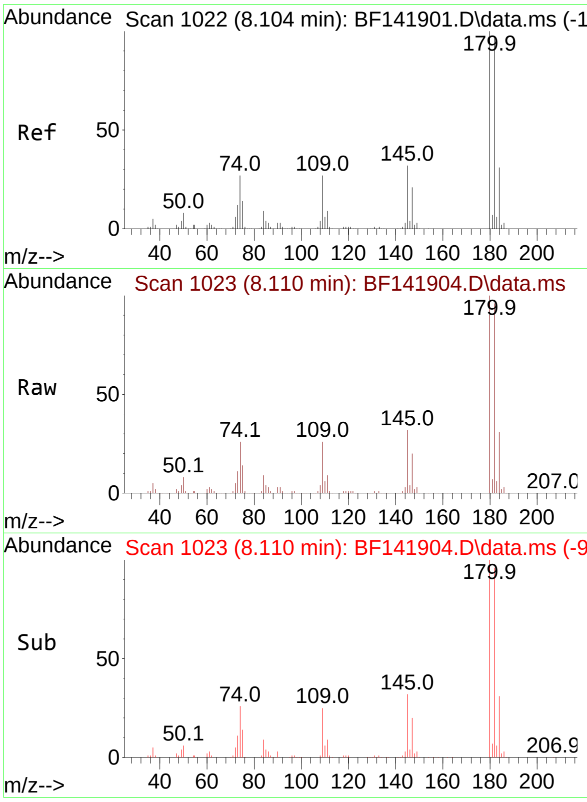
#29
2,4-Dichlorophenol
Concen: 79.403 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:162 Resp: 971886

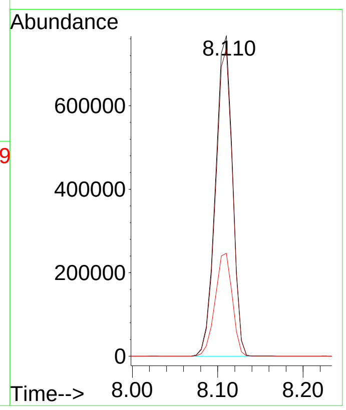
Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	37.1	18.1	58.1

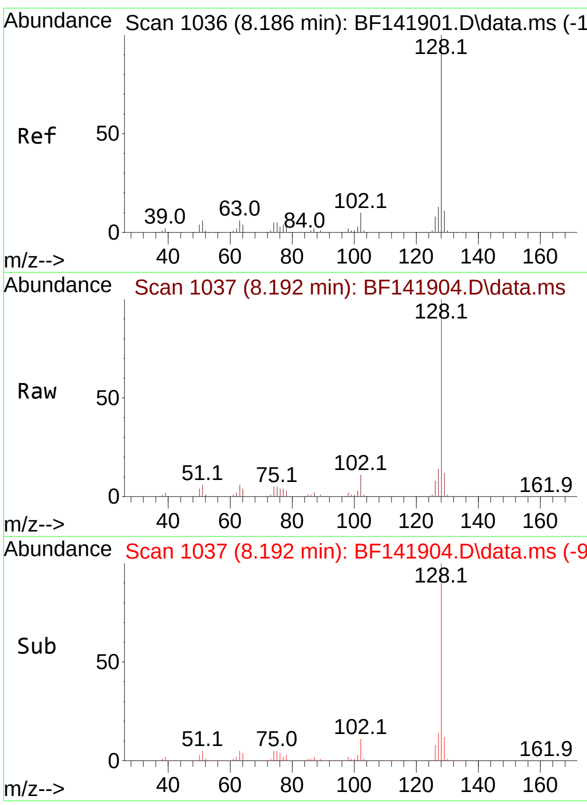


Instrument :
BNA_F
ClientSampleId :
SSTDICC080

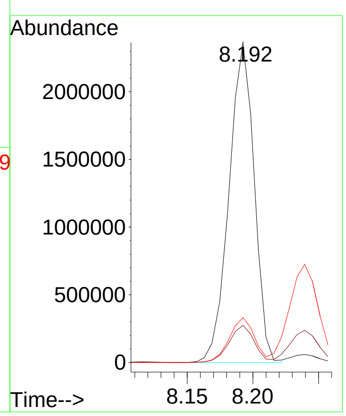



```
#30
1,2,4-Trichlorobenzene
Concen:   78.705 ng
RT:   8.110 min  Scan# 1
Delta R.T.  0.006 min
Lab File:   BF141904.D
Acq: 10 Mar 2025  14:27

Tgt Ion:180 Resp: 1062793
Ion  Ratio  Lower  Upper
180  100
182   96.1   77.5  116.3
145   32.2   25.8   38.6
```






```
#31
Naphthalene
Concen:   74.497 ng
RT:   8.192 min  Scan# 1037
Delta R.T.  0.006 min
Lab File:   BF141904.D
Acq: 10 Mar 2025  14:27

Tgt Ion:128 Resp: 3152444
Ion  Ratio  Lower  Upper
128  100
129   11.6    9.0   13.6
127   14.0   10.8   16.2
```



Instrument :
BNA_F
ClientSampleId :
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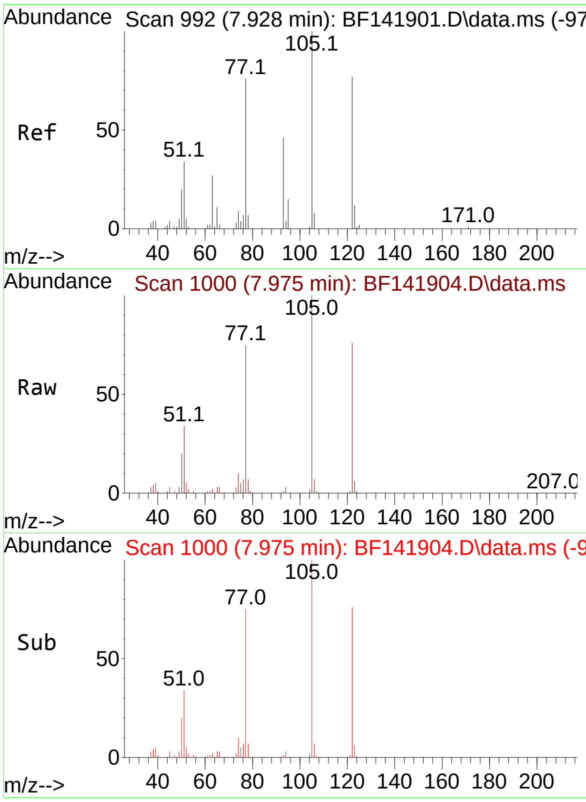
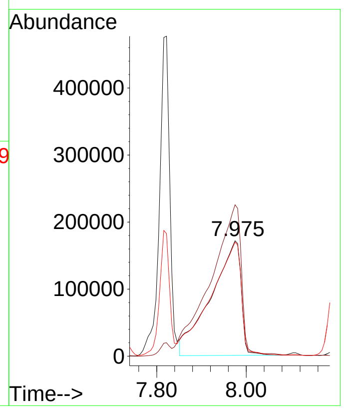
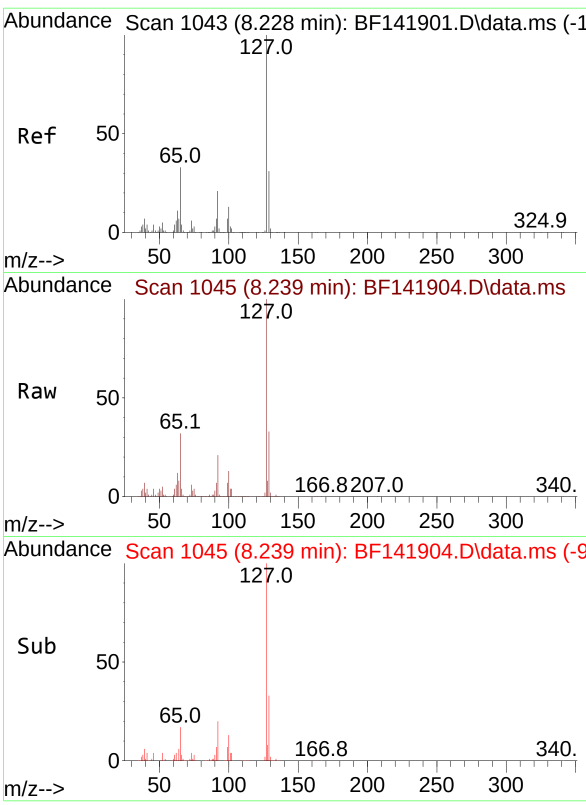


#32
Benzoic acid
Concen: 92.323 ng
RT: 7.975 min   Scan# 1
Delta R.T.   0.047 min
Lab File: BF141904.D
Acq: 10 Mar 2025   14:27

Tgt Ion:122 Resp: 795850

Ion	Ratio	Lower	Upper
122	100		
105	131.3	107.9	147.9
77	98.9	79.0	119.0

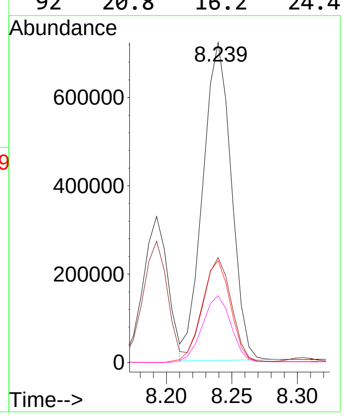




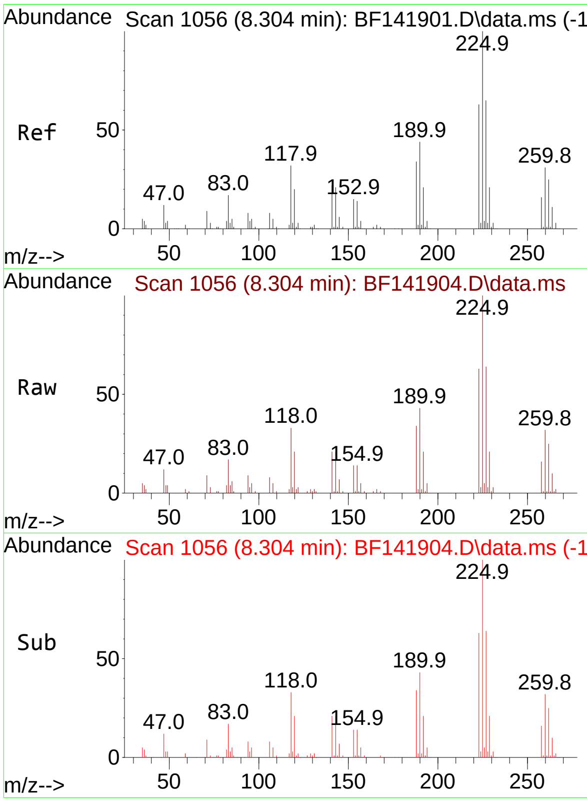
#33
4-Chloroaniline
Concen: 72.896 ng
RT: 8.239 min   Scan# 1045
Delta R.T.   0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025   14:27

Tgt Ion:127 Resp: 1088546

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	31.8	25.4	38.2
92	20.8	16.2	24.4



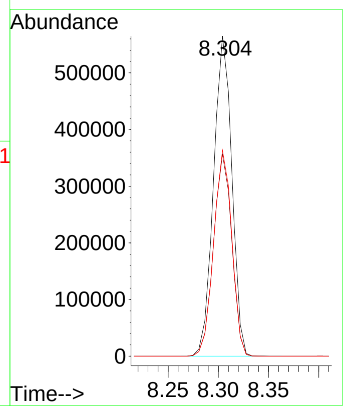
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

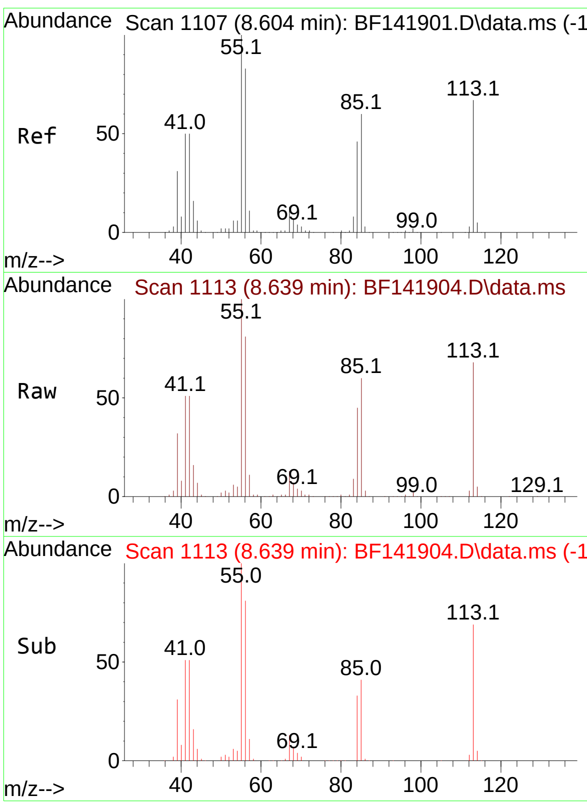


#34
Hexachlorobutadiene
Concen: 81.299 ng
RT: 8.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:225 Resp: 713827

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	75.8
227	64.3	52.2	78.2

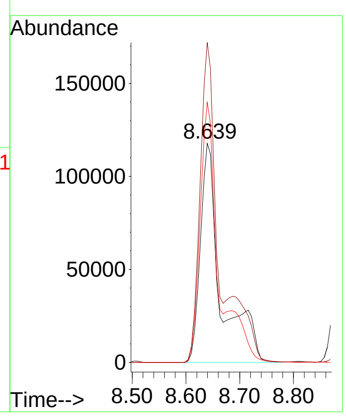




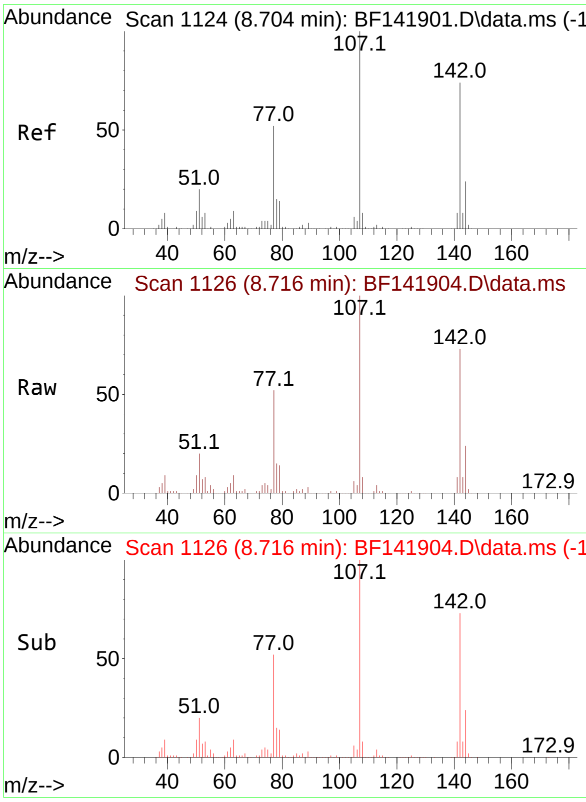
#35
Caprolactam
Concen: 83.763 ng m
RT: 8.639 min Scan# 1113
Delta R.T. 0.035 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:113 Resp: 311758

Ion	Ratio	Lower	Upper
113	100		
55	146.1	129.6	169.6
56	118.7	104.0	144.0



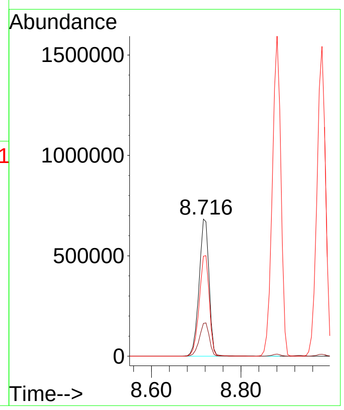
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

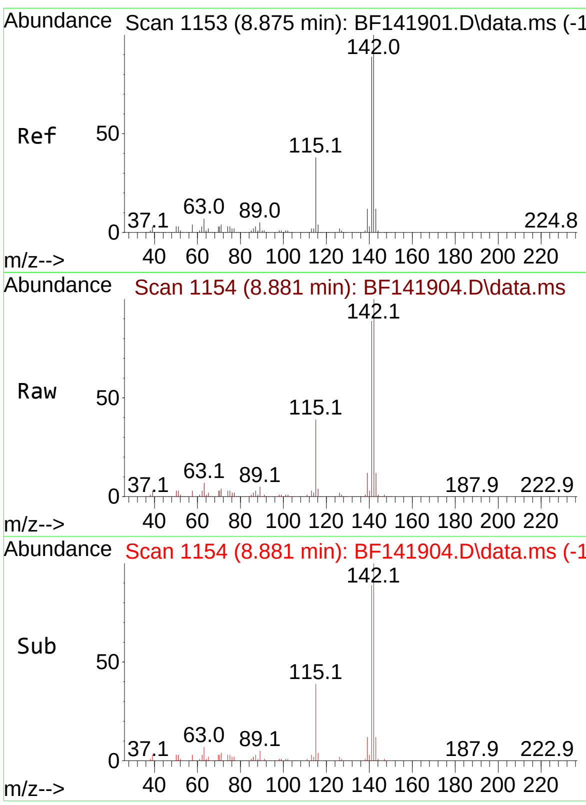


#36
4-Chloro-3-methylphenol
Concen: 77.644 ng
RT: 8.716 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:107 Resp: 1056917

Ion	Ratio	Lower	Upper
107	100		
144	24.0	19.0	28.6
142	72.9	59.2	88.8

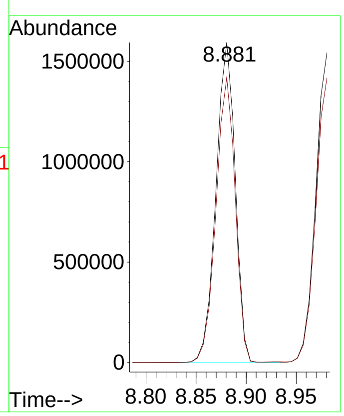




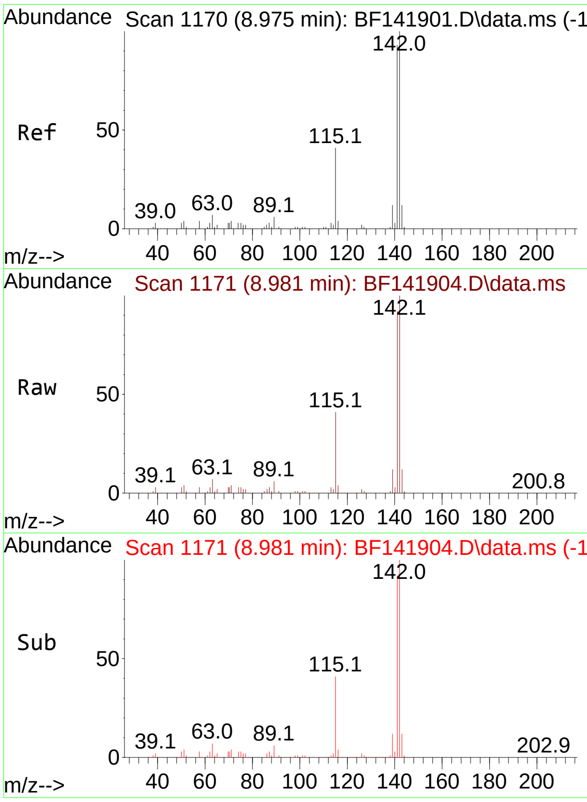
#37
2-Methylnaphthalene
Concen: 75.023 ng
RT: 8.881 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:142 Resp: 2129990

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8



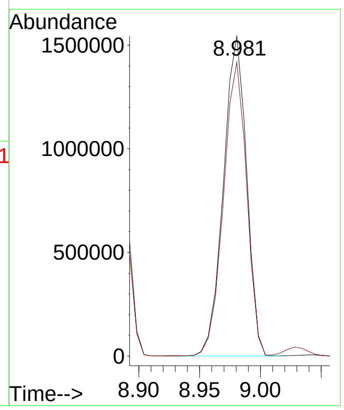
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

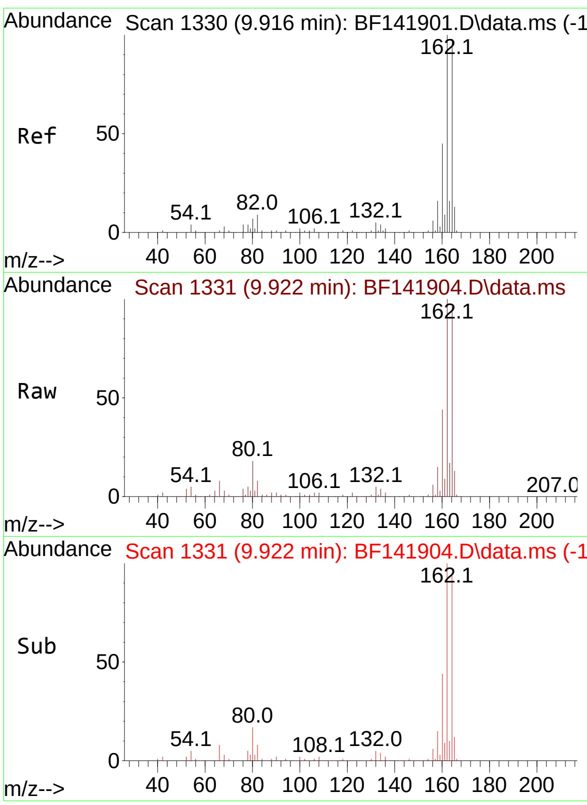


#38
1-Methylnaphthalene
Concen: 74.568 ng
RT: 8.981 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:142 Resp: 2050191

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.2	111.4

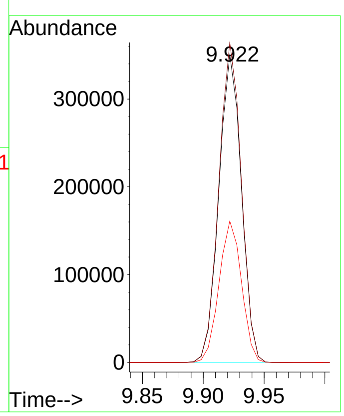




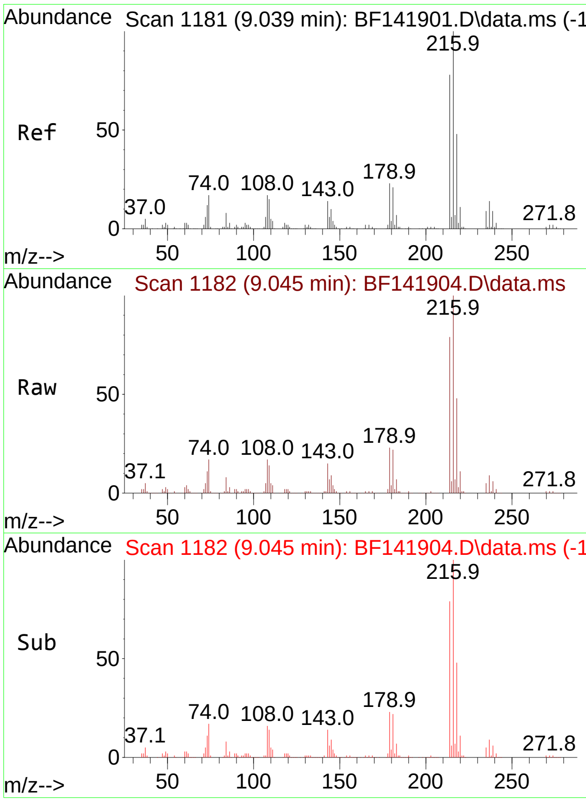
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:164 Resp: 452864

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.8	122.6
160	45.9	36.7	55.1



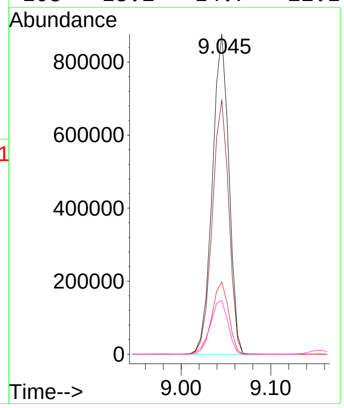
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

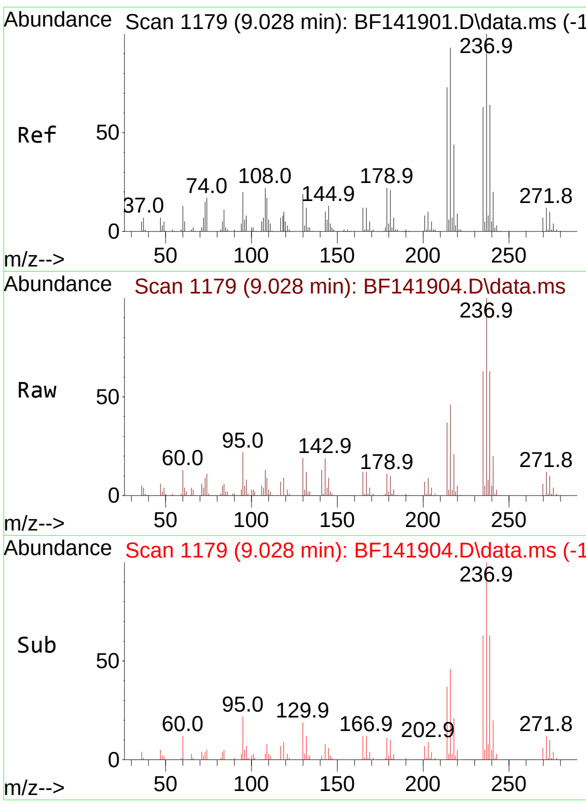


#40
1,2,4,5-Tetrachlorobenzene
Concen: 81.667 ng
RT: 9.045 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:216 Resp: 1127671

Ion	Ratio	Lower	Upper
216	100		
214	79.3	61.9	92.9
179	22.7	18.1	27.1
108	18.2	14.7	22.1

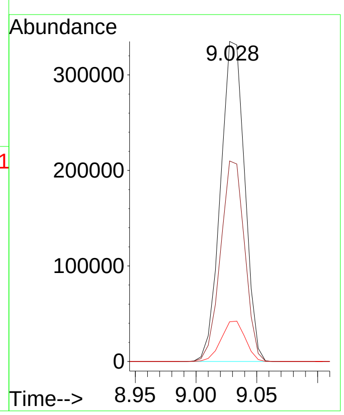




#41
Hexachlorocyclopentadiene
Concen: 85.031 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:237 Resp: 463300

Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.1	83.1
272	12.4	0.0	32.0



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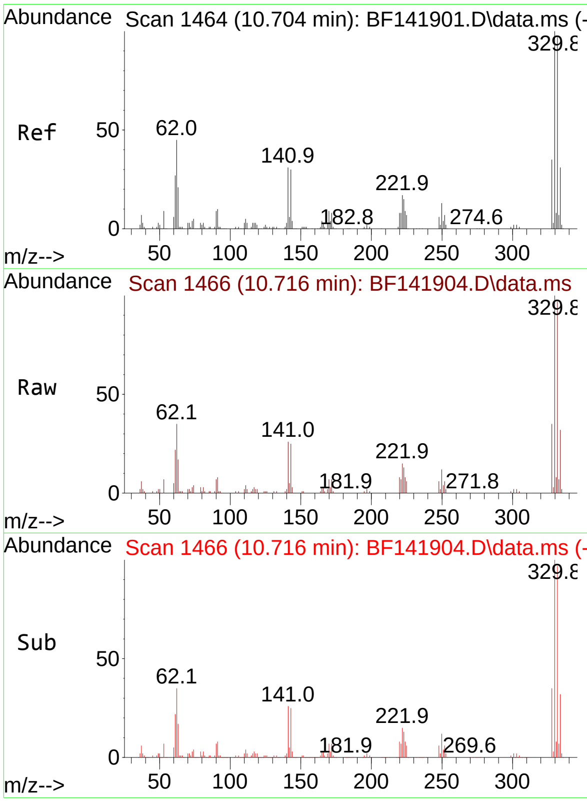
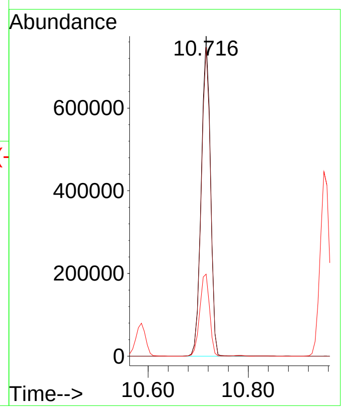
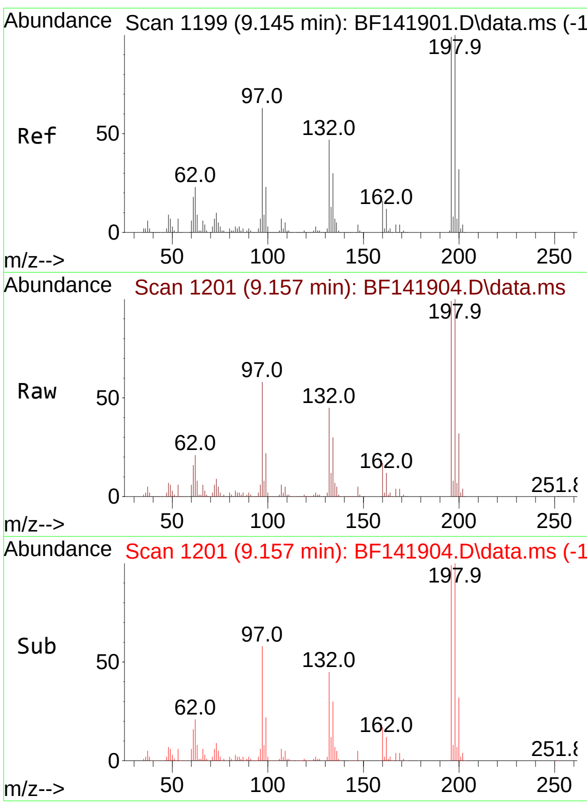
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

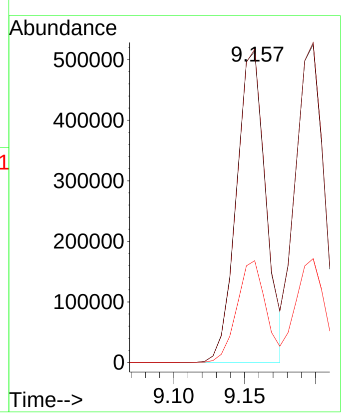



```
#42
2,4,6-Tribromophenol
Concen:  171.858 ng
RT:  10.716 min  Scan# 14
Delta R.T.  0.012 min
Lab File:   BF141904.D
Acq: 10 Mar 2025  14:27

Tgt Ion:330 Resp:  986206
Ion  Ratio  Lower  Upper
330  100
332   96.4   77.6  116.4
141   27.3   24.7   37.1
```

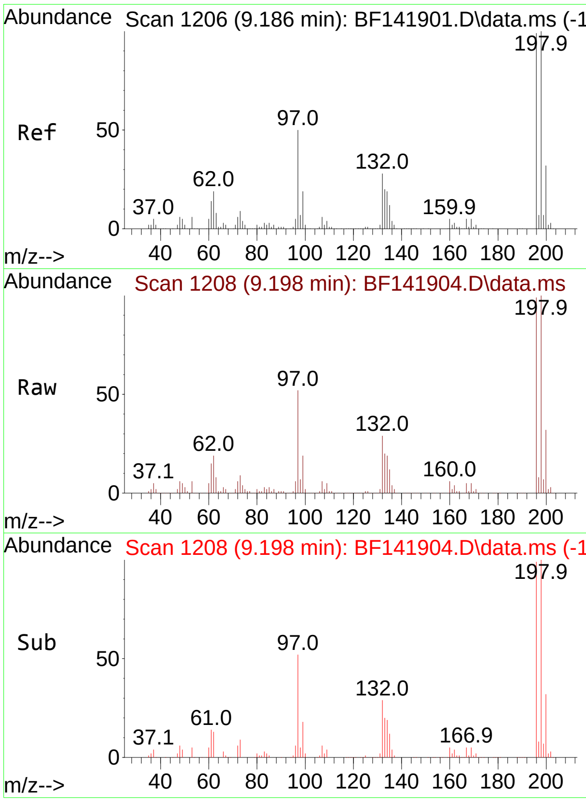





```
#43
2,4,6-Trichlorophenol
Concen:   82.399 ng
RT:   9.157 min  Scan# 1201
Delta R.T.  0.012 min
Lab File:   BF141904.D
Acq: 10 Mar 2025  14:27

Tgt Ion:196 Resp:  741710
Ion  Ratio  Lower  Upper
196  100
198  100.7   80.6  121.0
200   32.7   25.8   38.6
```



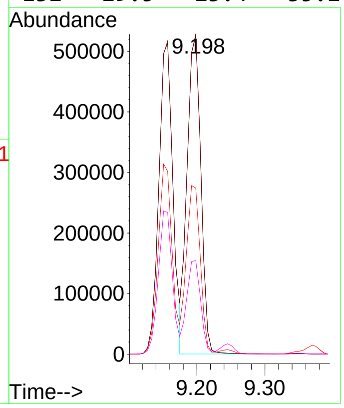
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

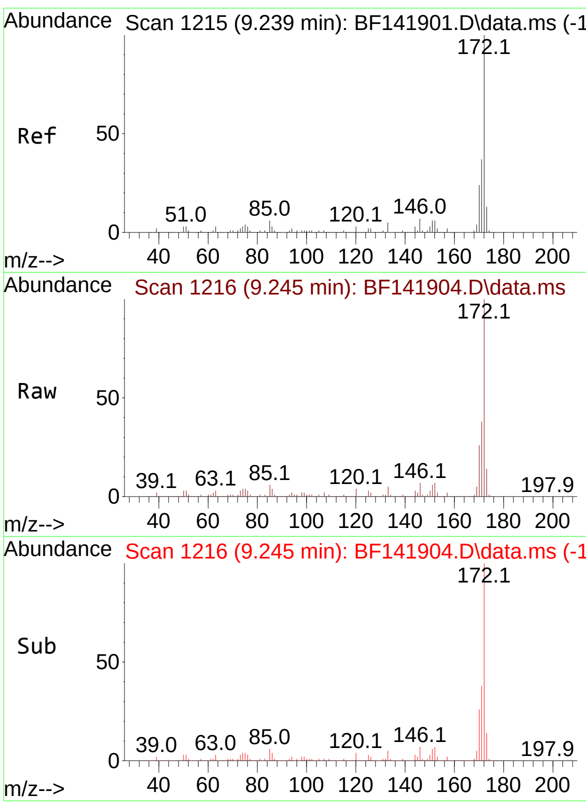


#44
2,4,5-Trichlorophenol
Concen: 80.579 ng
RT: 9.198 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:196 Resp: 736926

Ion	Ratio	Lower	Upper
196	100		
198	100.6	80.7	121.1
97	52.2	42.1	63.1
132	29.5	23.4	35.2

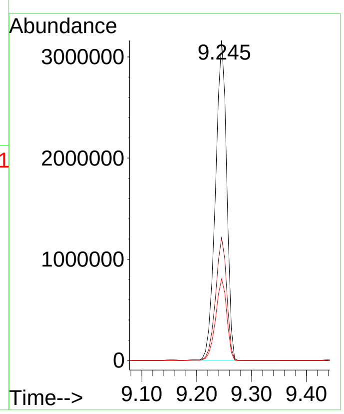




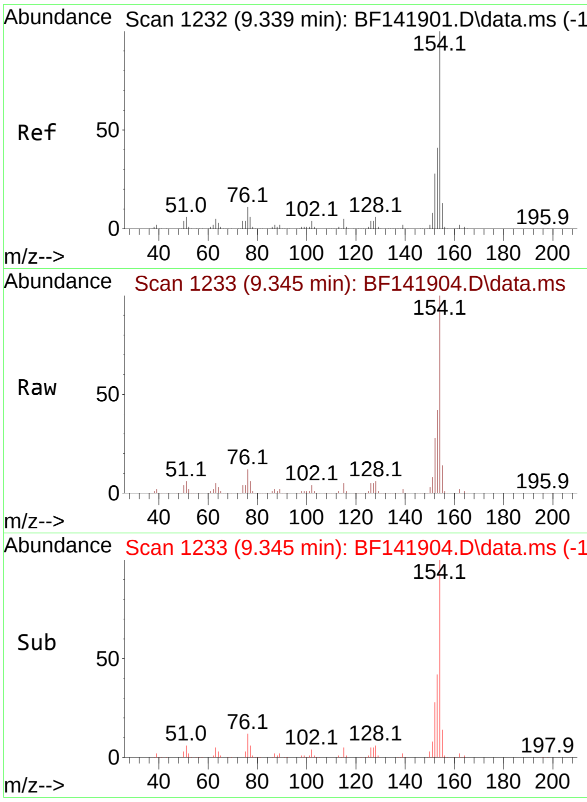
#45
2-Fluorobiphenyl
Concen: 151.763 ng
RT: 9.245 min Scan# 1216
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:172 Resp: 4513418

Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.3	43.9
170	25.5	19.4	29.0



ICAL Form

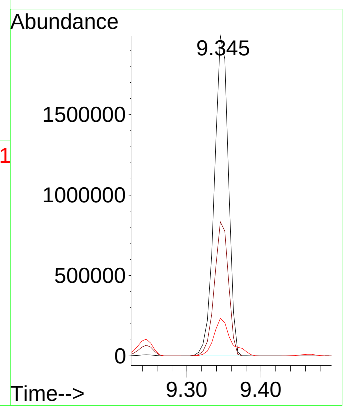


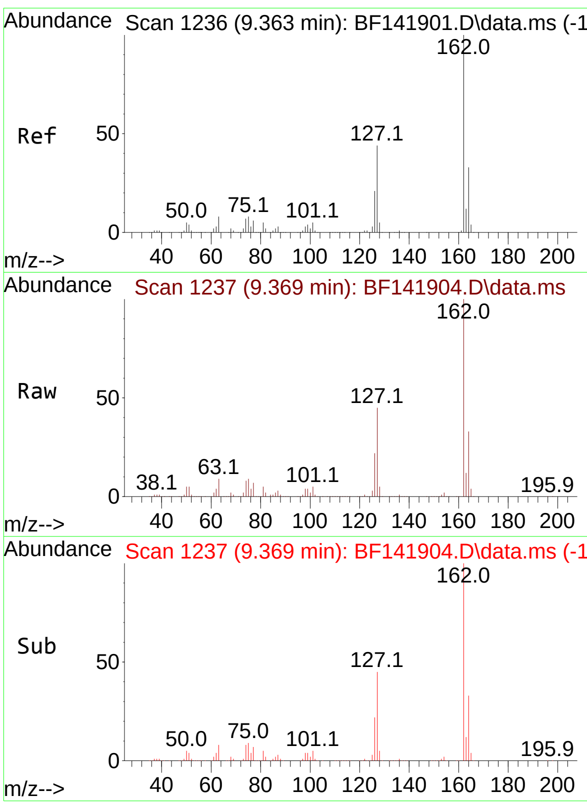
#46
1,1'-Biphenyl
Concen: 76.503 ng
RT: 9.345 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 2626697

Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.1	61.1
76	11.7	0.0	31.3

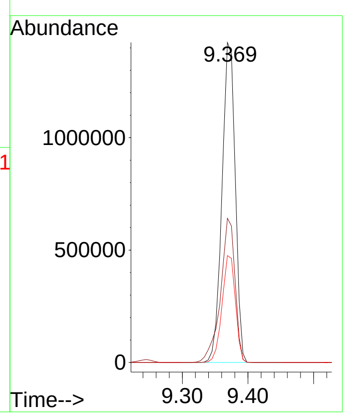




#47
2-Chloronaphthalene
Concen: 77.859 ng
RT: 9.369 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

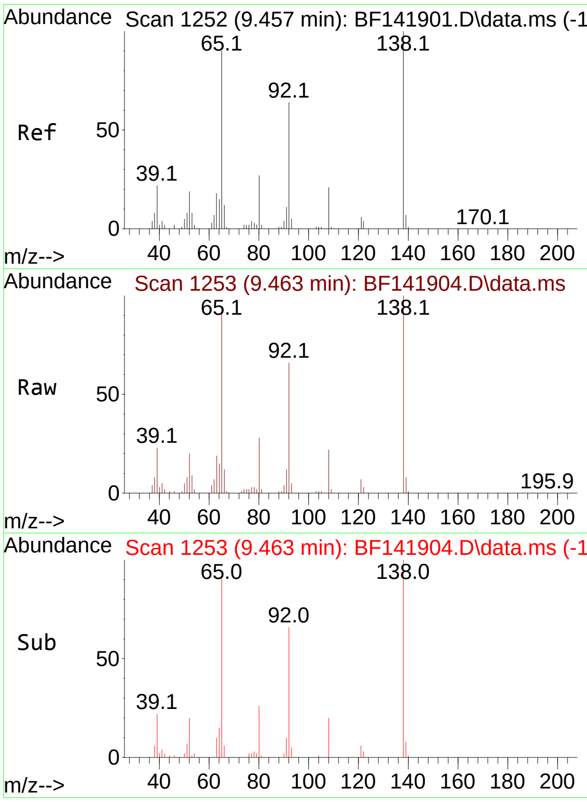
Tgt Ion:162 Resp: 1992242

Ion	Ratio	Lower	Upper
162	100		
127	45.0	35.5	53.3
164	33.4	26.6	40.0



ICAL Form

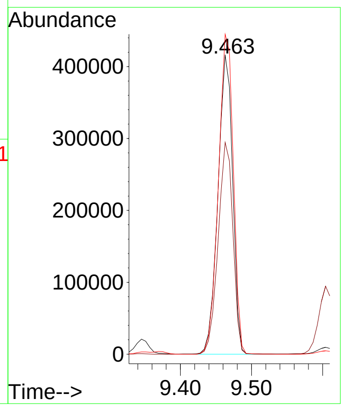
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

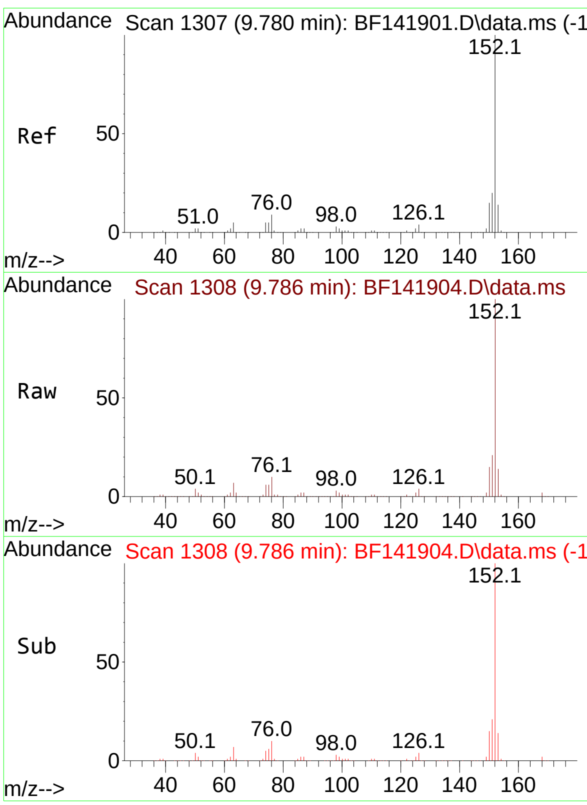


#48
2-Nitroaniline
Concen: 81.326 ng
RT: 9.463 min   Scan# 1
Delta R.T.   0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025   14:27

Tgt Ion: 65 Resp: 597778

Ion	Ratio	Lower	Upper
65	100		
92	70.8	56.6	84.8
138	106.9	88.6	133.0

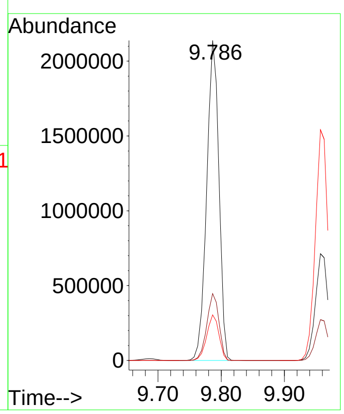




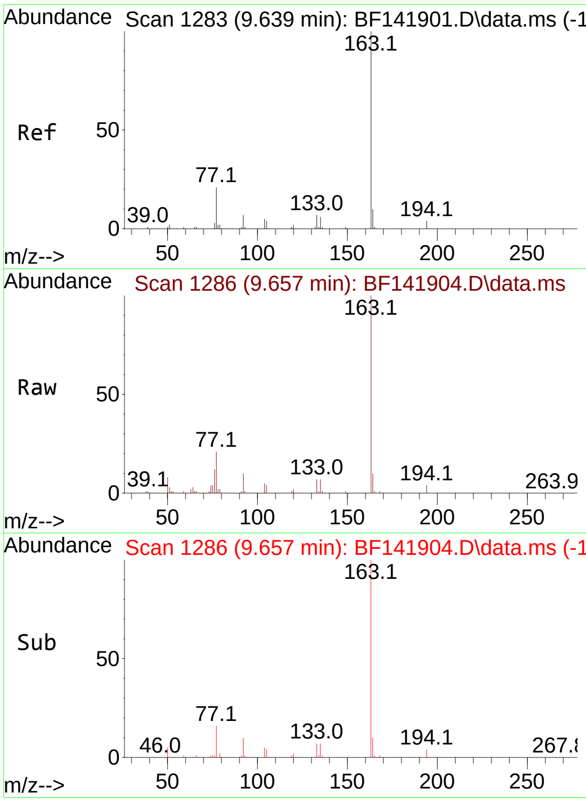
#49
Acenaphthylene
Concen: 75.877 ng
RT: 9.786 min   Scan# 1308
Delta R.T.   0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025   14:27

Tgt Ion:152 Resp: 2878496

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	14.2	11.1	16.7



ICAL Form

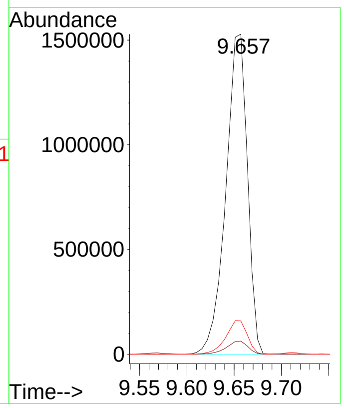


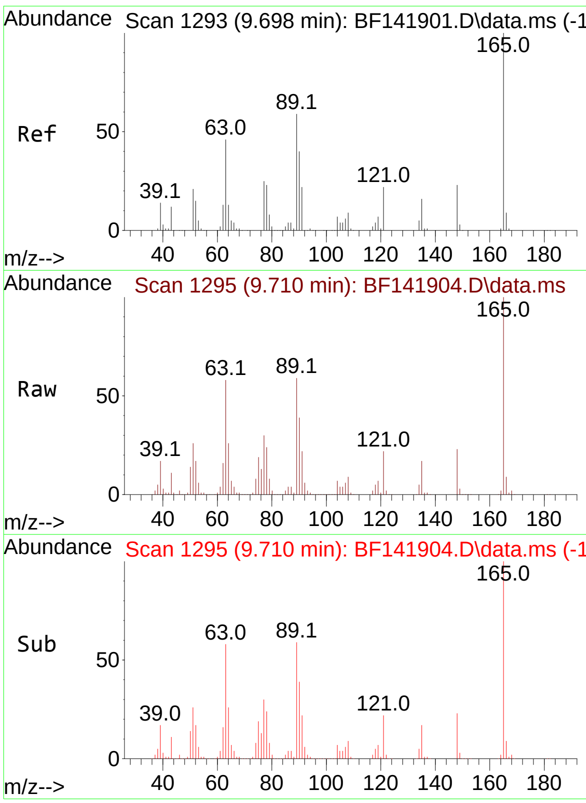
#50
Dimethylphthalate
Concen: 77.192 ng
RT: 9.657 min   Scan# 1
Delta R.T.   0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025   14:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 2428843

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.4	8.2	12.4

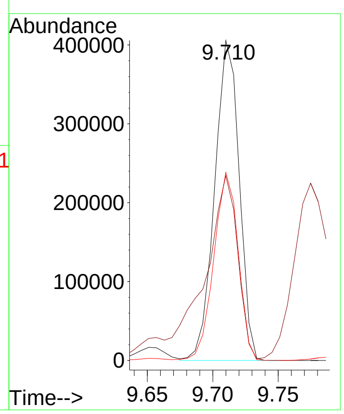




#51
2,6-Dinitrotoluene
Concen: 80.867 ng
RT: 9.710 min   Scan# 1295
Delta R.T.   0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025   14:27

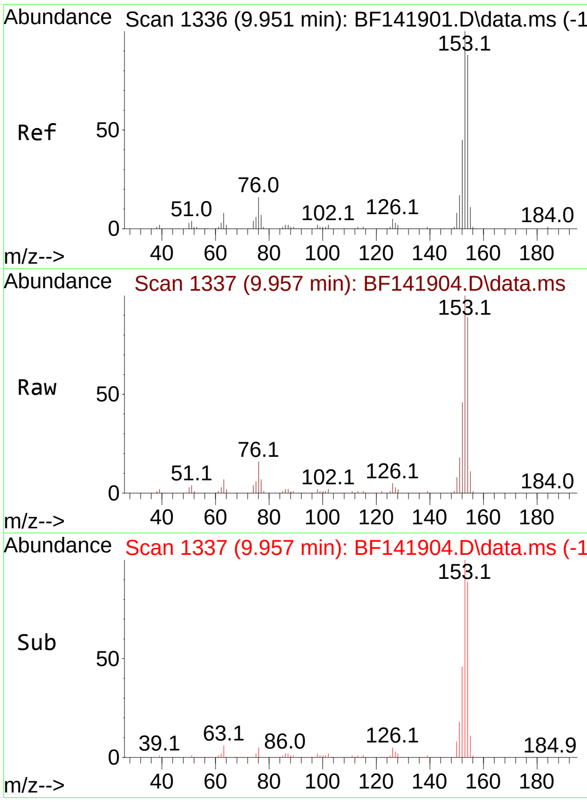
Tgt Ion:165 Resp: 529139

Ion	Ratio	Lower	Upper
165	100		
63	57.7	47.0	70.4
89	58.8	47.4	71.2



ICAL Form

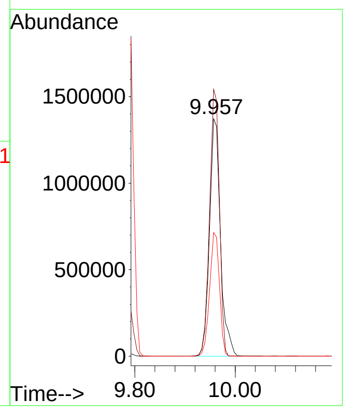
Instrument : BNA_F
ClientSampleId : SSTDICC080

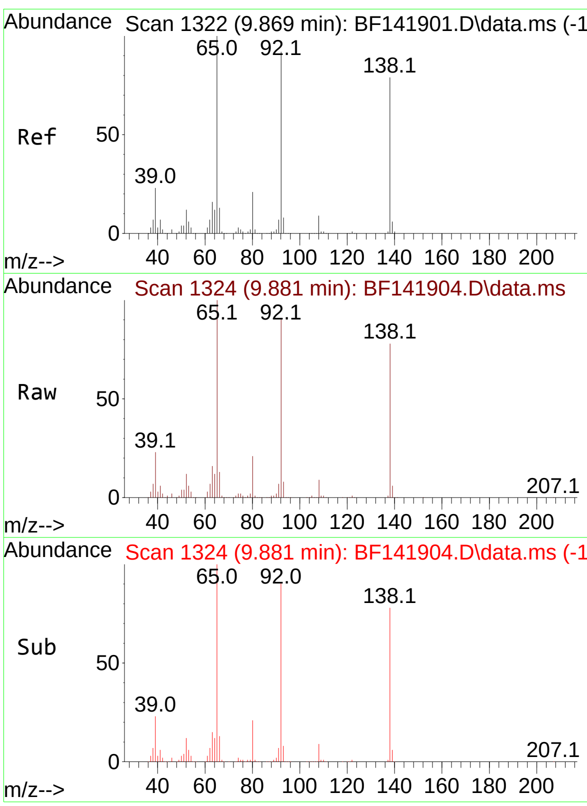


#52
Acenaphthene
Concen: 77.872 ng
RT: 9.957 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:154 Resp: 2085941

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.7	136.1
152	52.0	41.1	61.7

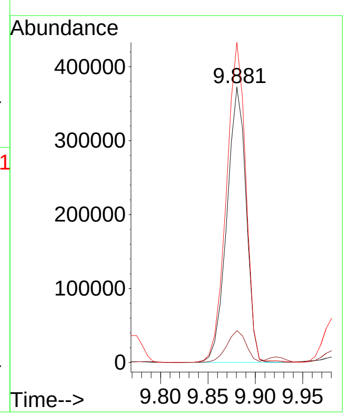




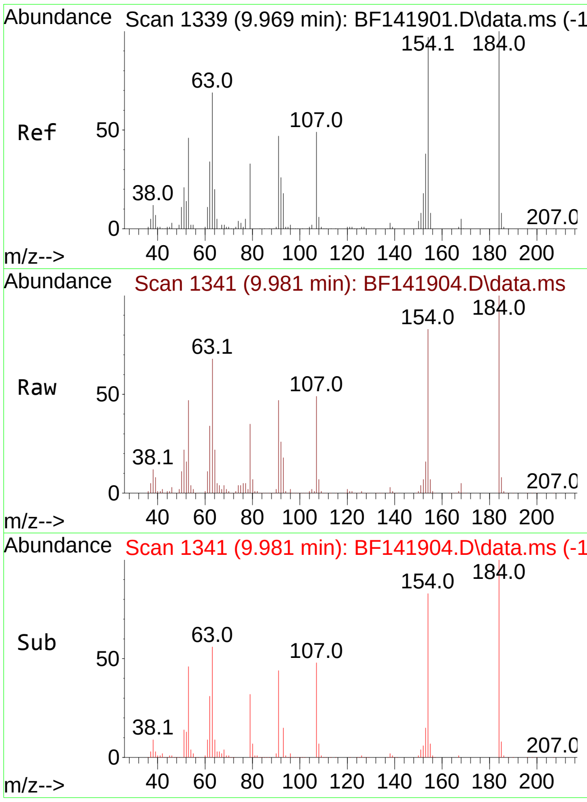
#53
3-Nitroaniline
Concen: 78.435 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:138 Resp: 526980

Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.3	13.9
92	116.4	93.5	140.3



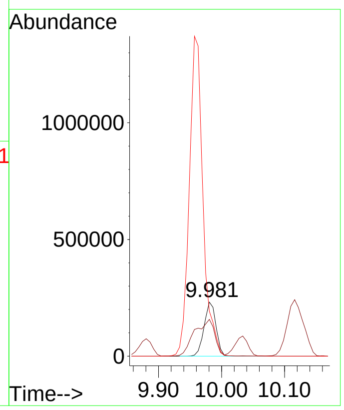
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

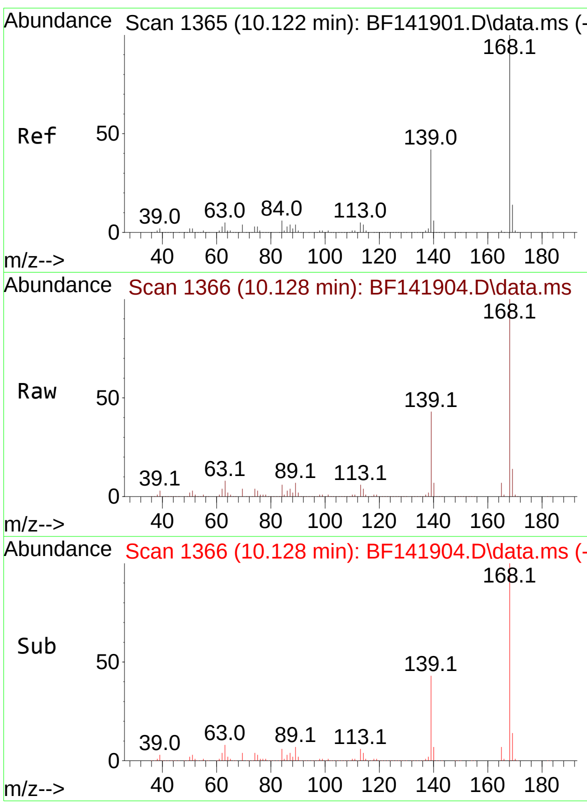


#54
2,4-Dinitrophenol
Concen: 81.479 ng
RT: 9.981 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:184 Resp: 305399

Ion	Ratio	Lower	Upper
184	100		
63	68.1	60.2	90.4
154	82.9	132.9	199.3#

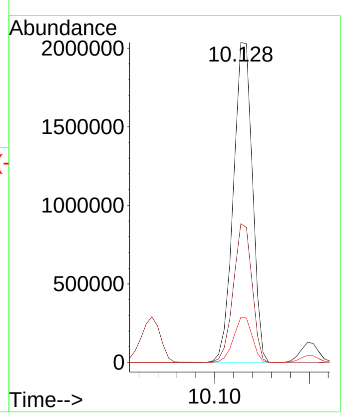




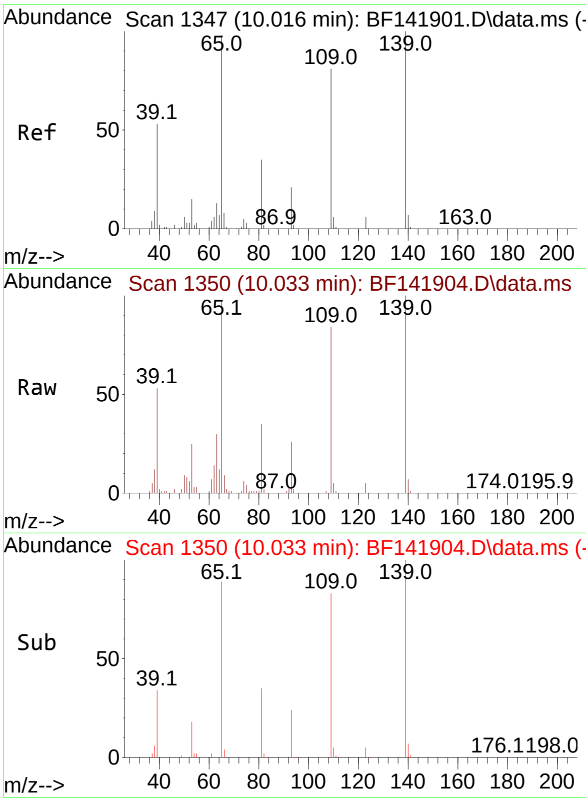
#55
Dibenzofuran
Concen: 74.474 ng
RT: 10.128 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:168 Resp: 2844432

Ion	Ratio	Lower	Upper
168	100		
139	43.4	33.9	50.9
169	14.1	11.0	16.4



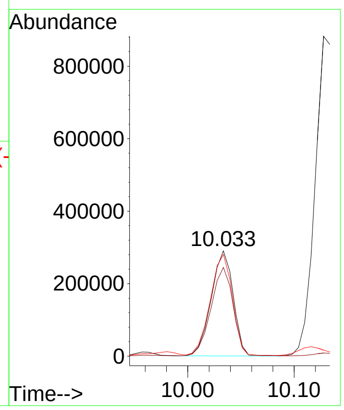
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

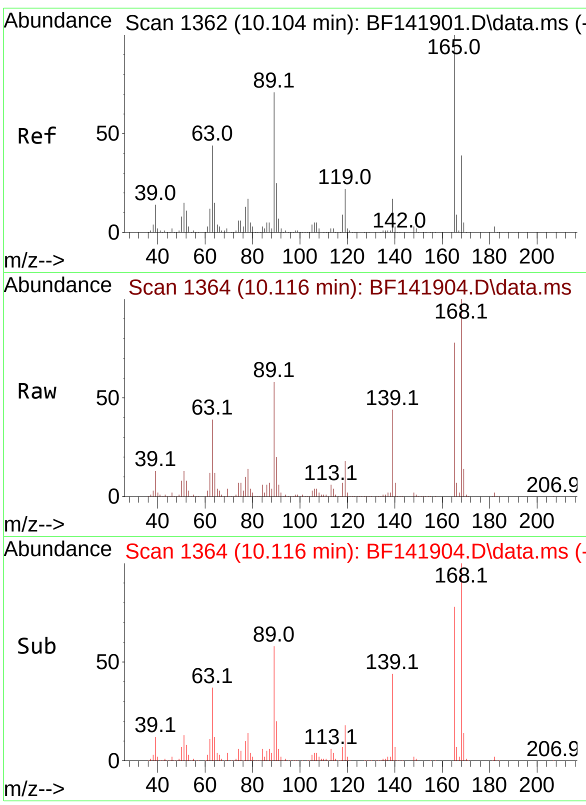


#56
4-Nitrophenol
Concen: 82.456 ng
RT: 10.033 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:139 Resp: 416153

Ion	Ratio	Lower	Upper
139	100		
109	84.3	61.6	101.6
65	96.7	79.4	119.4

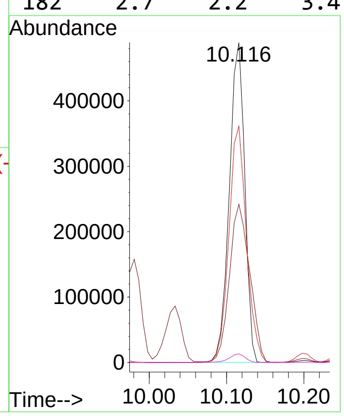




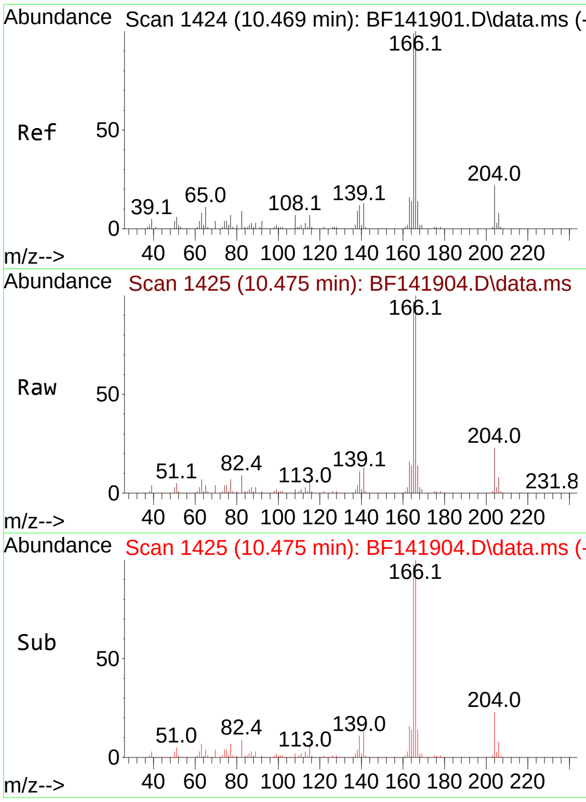
#57
2,4-Dinitrotoluene
Concen: 79.099 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:165 Resp: 681278

Ion	Ratio	Lower	Upper
165	100		
63	49.4	35.4	53.2
89	73.9	56.6	84.8
182	2.7	2.2	3.4



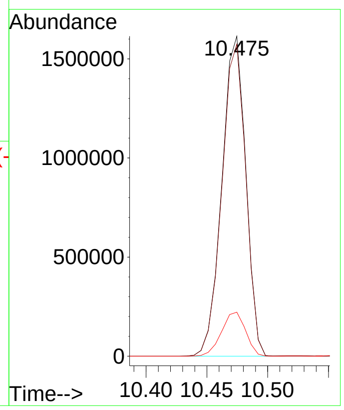
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

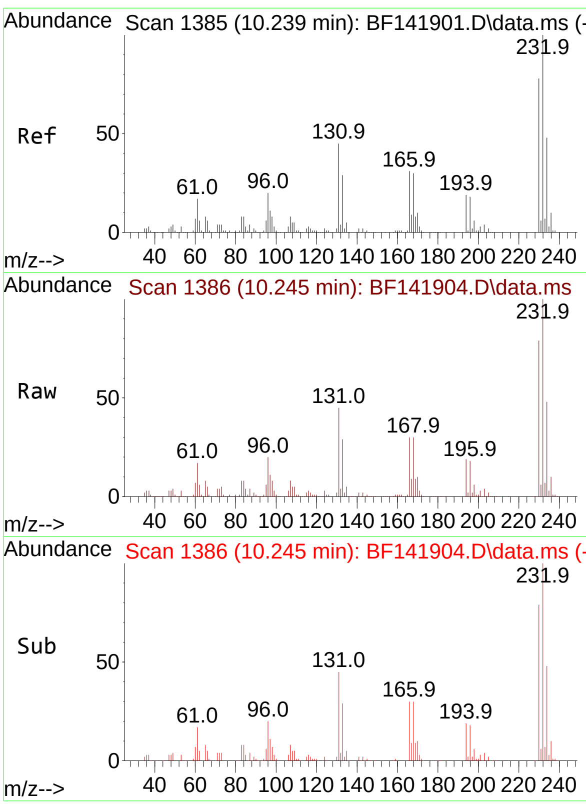


#58
Fluorene
Concen: 74.974 ng
RT: 10.475 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:166 Resp: 2210653

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.0	118.4
167	13.8	11.0	16.4

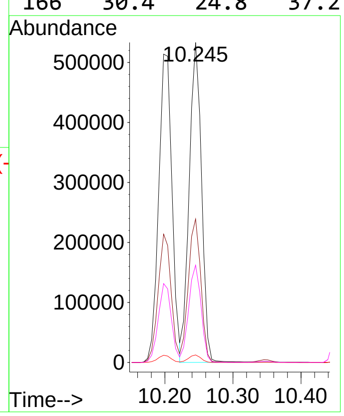




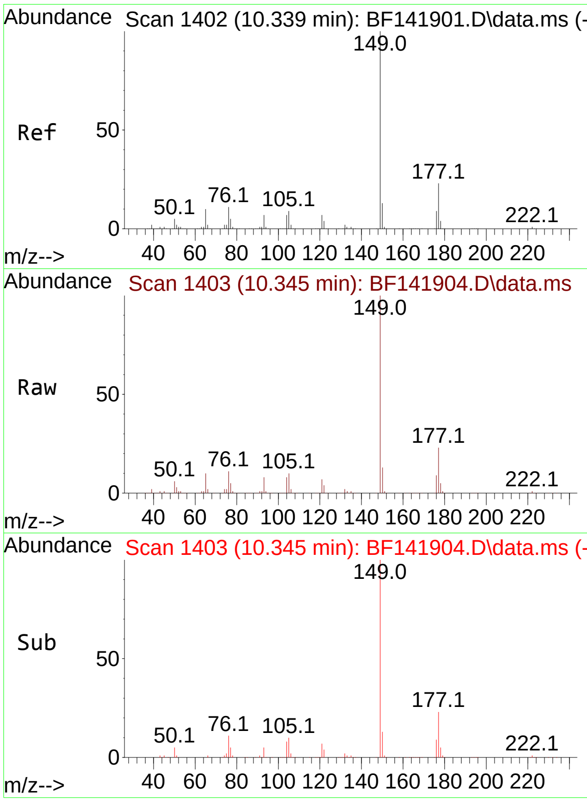
#59
2,3,4,6-Tetrachlorophenol
Concen: 80.507 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:232 Resp: 668027

Ion	Ratio	Lower	Upper
232	100		
131	45.4	37.3	55.9
130	2.3	1.9	2.9
166	30.4	24.8	37.2



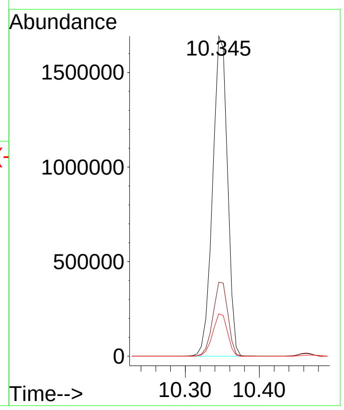
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

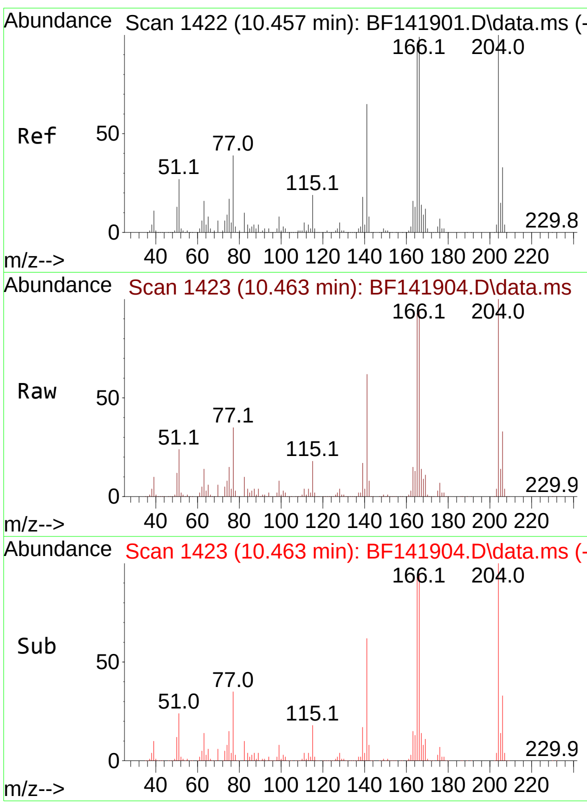


#60
Diethylphthalate
Concen: 74.681 ng
RT: 10.345 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:149 Resp: 2358921

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.0	27.0
150	13.3	10.2	15.4

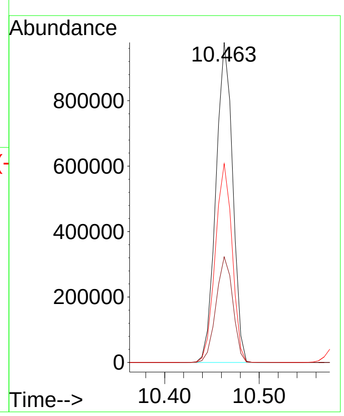




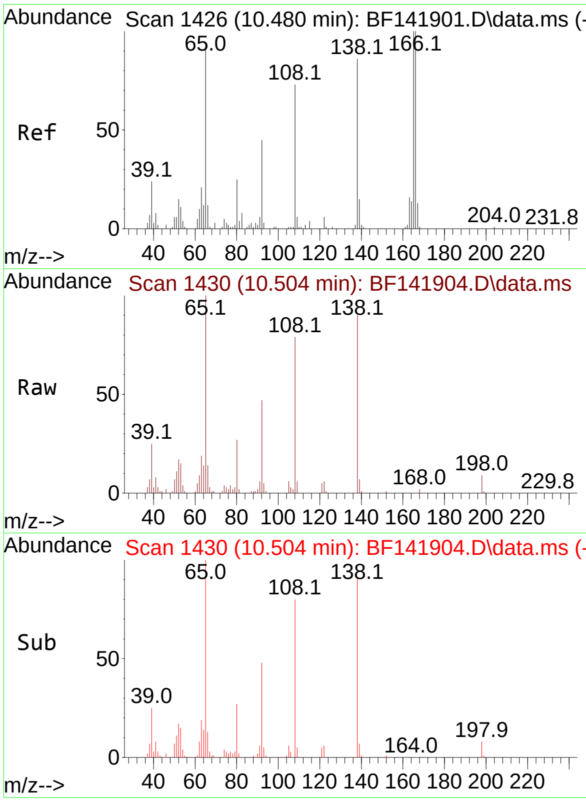
#61
4-Chlorophenyl-phenylether
Concen: 78.724 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:204 Resp: 1209021

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.8	40.2
141	62.1	52.4	78.6



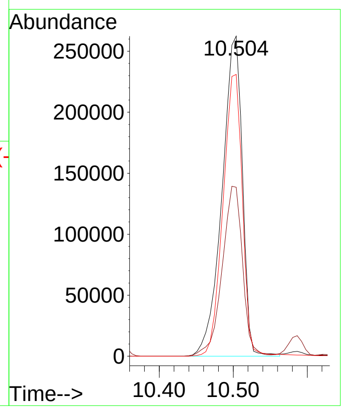
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

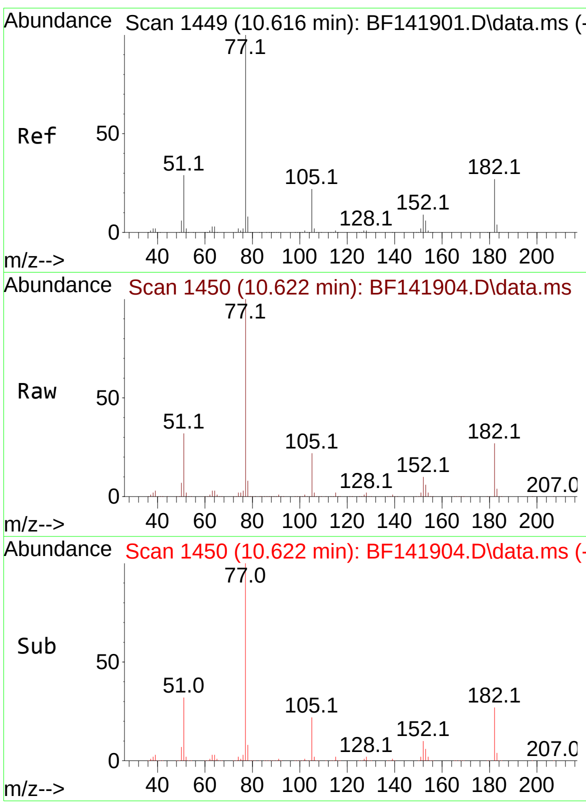


#62
4-Nitroaniline
Concen: 77.243 ng
RT: 10.504 min Scan# 14
Delta R.T. 0.024 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:138 Resp: 502894

Ion	Ratio	Lower	Upper
138	100		
92	52.8	32.6	72.6
108	88.1	65.0	105.0

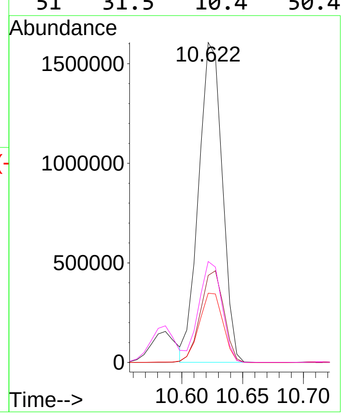




#63
Azobenzene
Concen: 73.911 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion: 77 Resp: 2168742

Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.6	46.6
105	21.7	1.3	41.3
51	31.5	10.4	50.4



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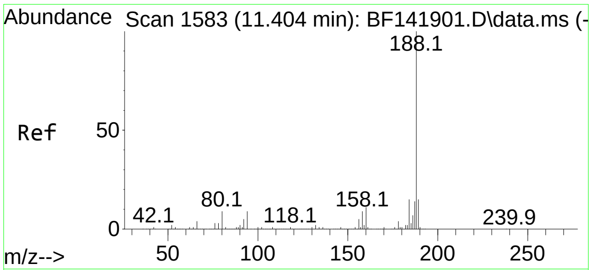
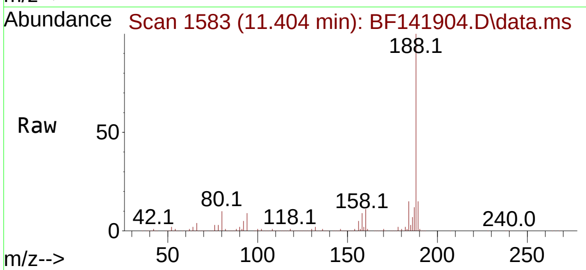
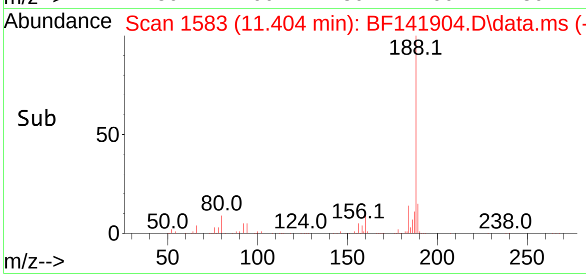
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



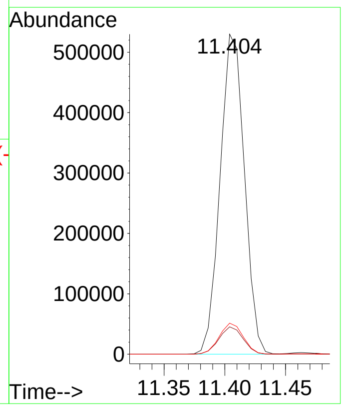


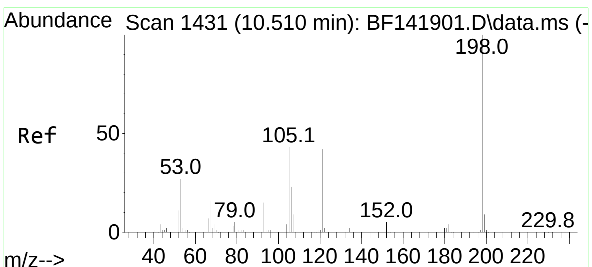


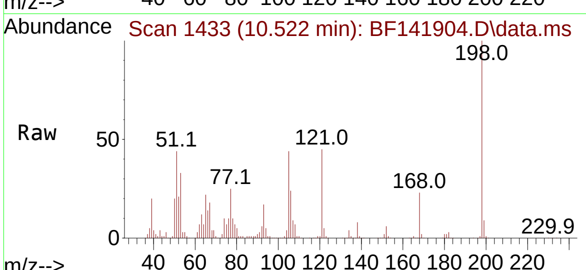
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

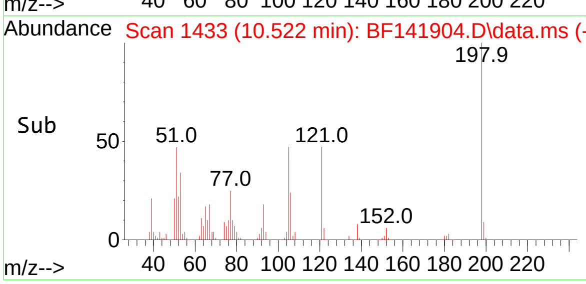
Tgt Ion:188 Resp: 738472

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.7	7.6	11.4





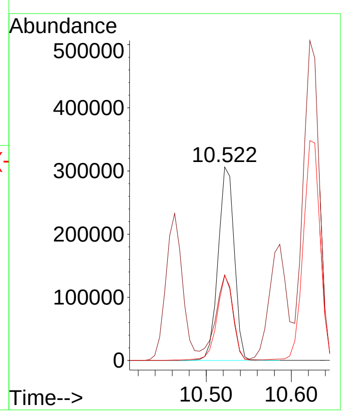




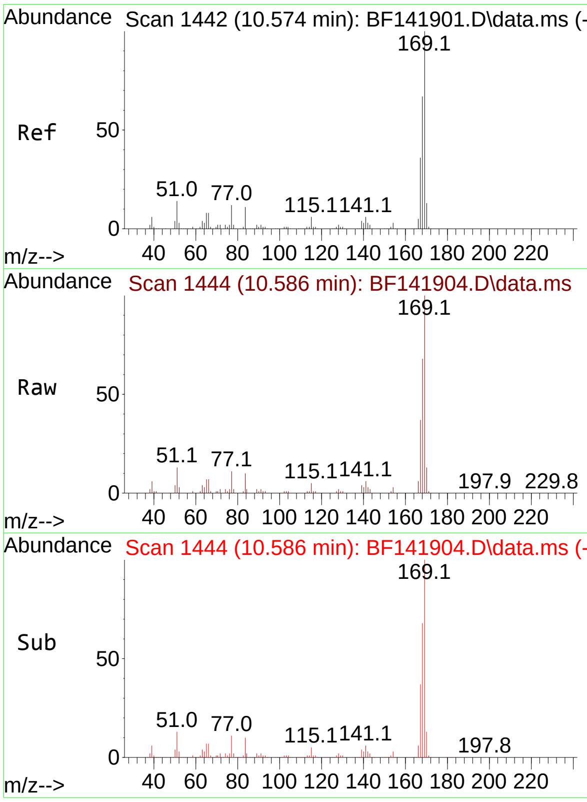
#65
4,6-Dinitro-2-methylphenol
Concen: 92.396 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:198 Resp: 404505

Ion	Ratio	Lower	Upper
198	100		
51	44.2	22.3	62.3
105	43.9	23.0	63.0



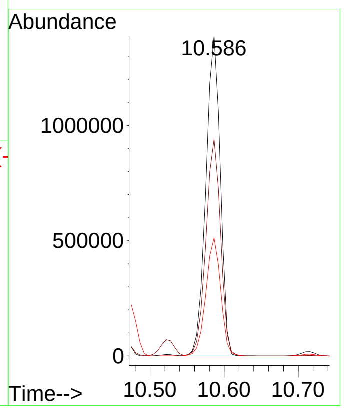
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

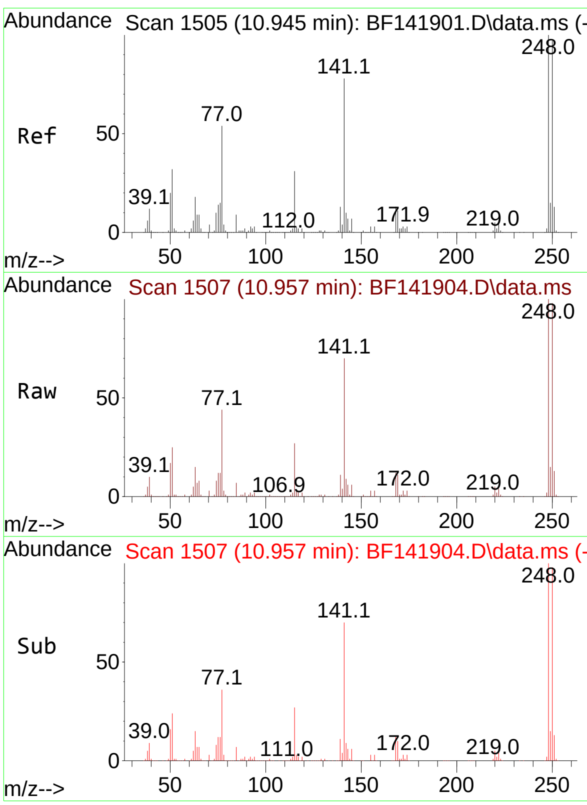


#66
n-Nitrosodiphenylamine
Concen: 78.895 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:169 Resp: 1882098

Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.7	80.5
167	36.9	29.2	43.8

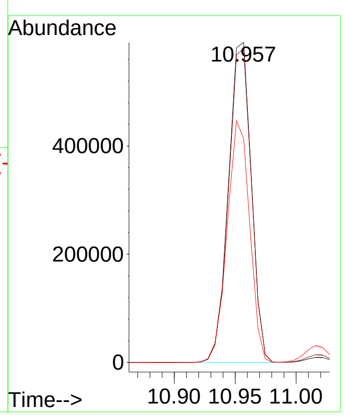




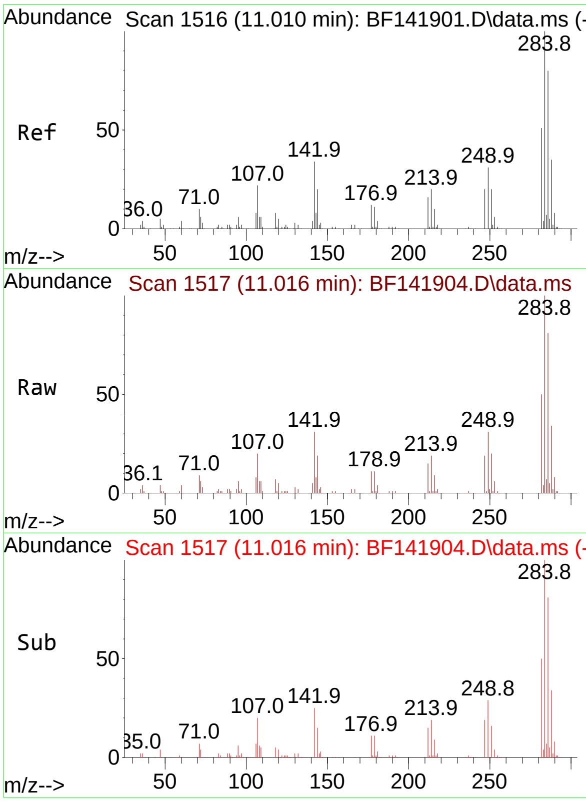
#67
4-Bromophenyl-phenylether
Concen: 84.232 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:248 Resp: 774645

Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.8	116.8
141	69.9	62.6	93.8



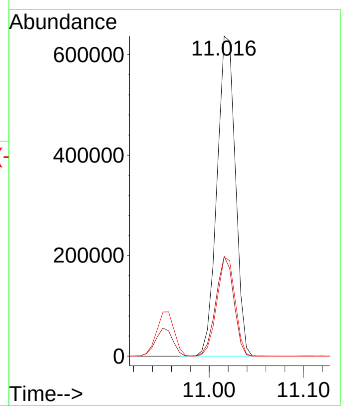
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

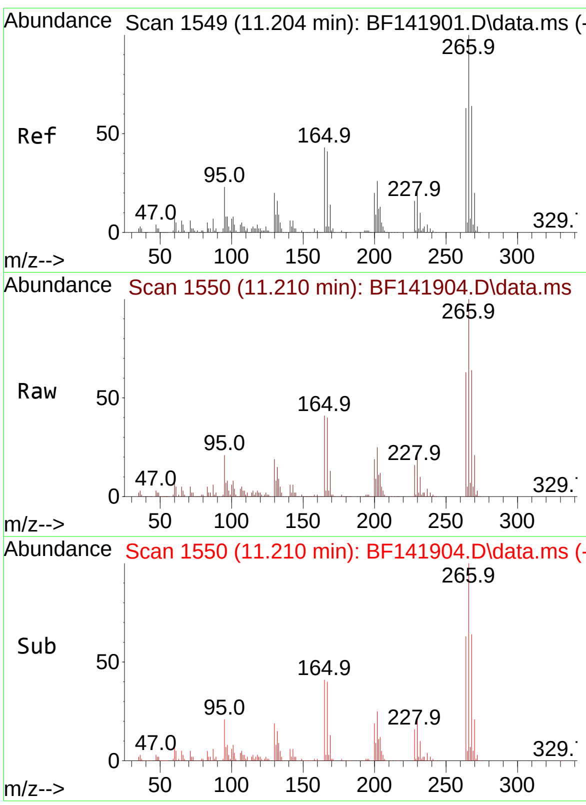


#68
Hexachlorobenzene
Concen: 84.832 ng
RT: 11.016 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:284 Resp: 862357

Ion	Ratio	Lower	Upper
284	100		
142	31.2	27.0	40.6
249	31.0	25.2	37.8

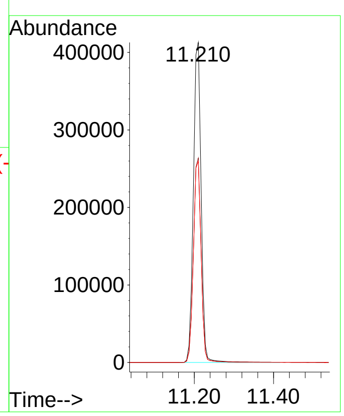




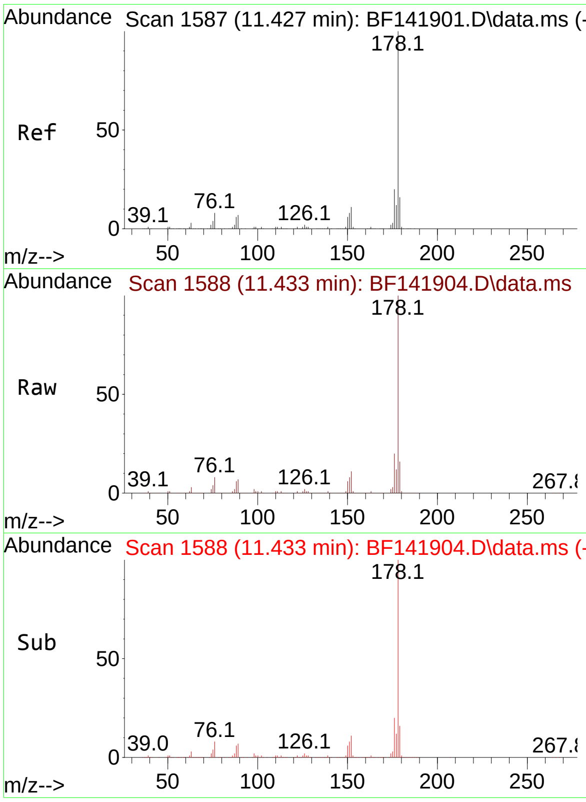
#70
Pentachlorophenol
Concen: 89.813 ng
RT: 11.210 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:266 Resp: 563030

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.0	76.6
264	62.9	50.2	75.2



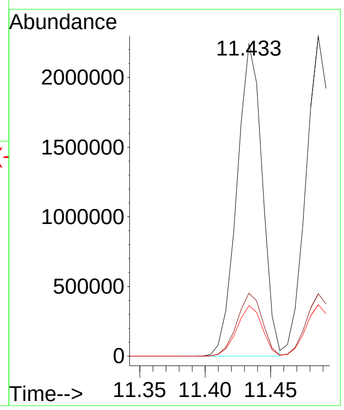
Instrument : BNA_F
ClientSampleId : SSTDICC080

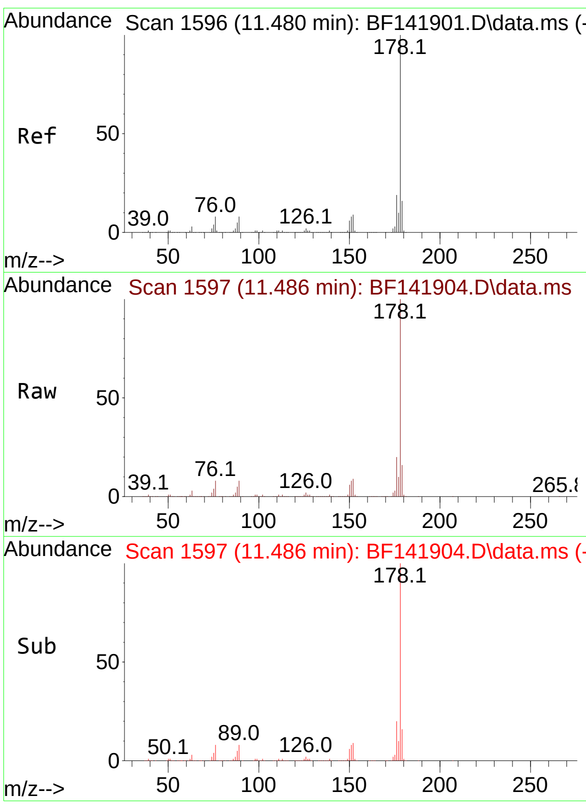


#71
Phenanthrene
Concen: 75.649 ng
RT: 11.433 min Scan# 1!
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:178 Resp: 3020950

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.2	12.6	19.0

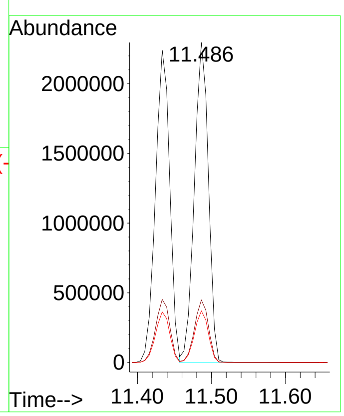




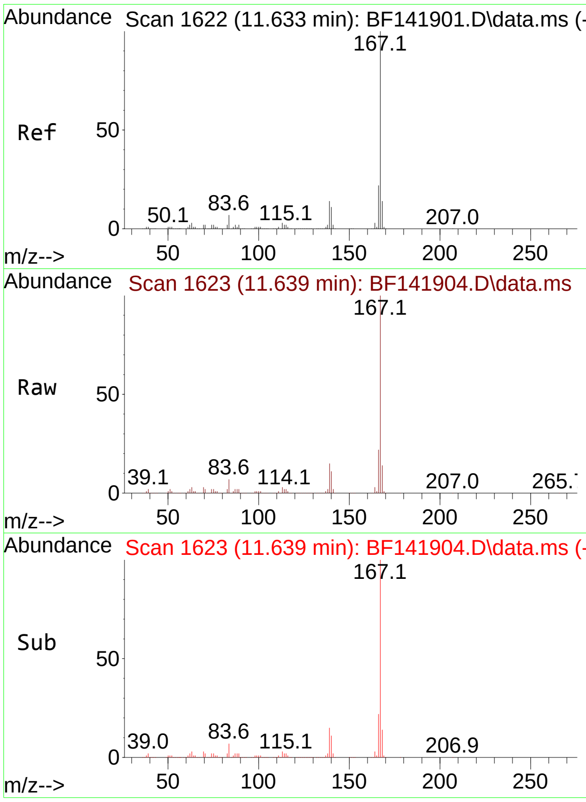
#72
Anthracene
Concen: 75.653 ng
RT: 11.486 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:178 Resp: 3031014

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	16.1	12.6	19.0



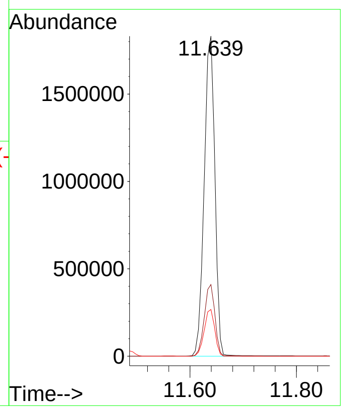
Instrument : BNA_F
ClientSampleId : SSTDICC080

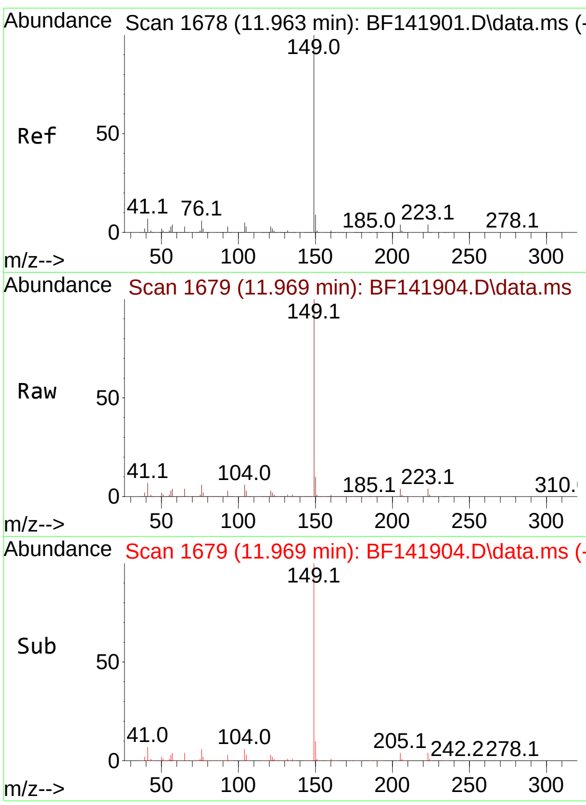


#73
Carbazole
Concen: 74.002 ng
RT: 11.639 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:167 Resp: 2552563

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.2
139	14.6	11.0	16.6

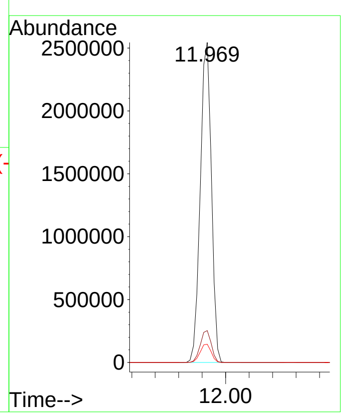




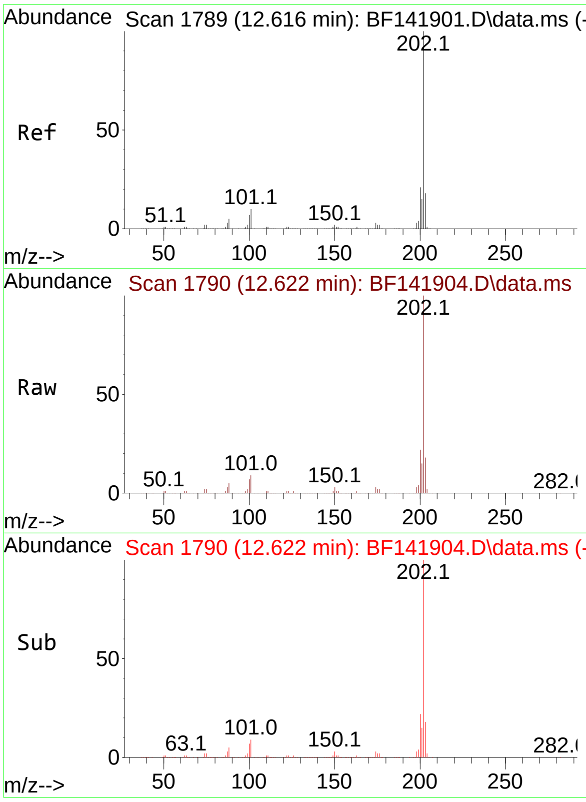
#74
Di-n-butylphthalate
Concen: 73.399 ng
RT: 11.969 min Scan# 1679
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:149 Resp: 3342776

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	5.7	4.4	6.6



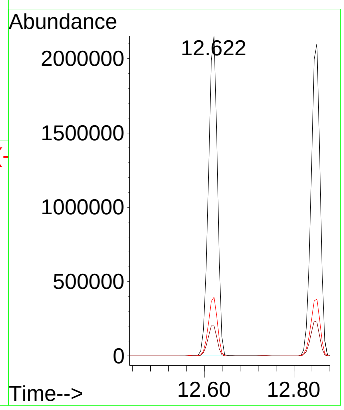
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

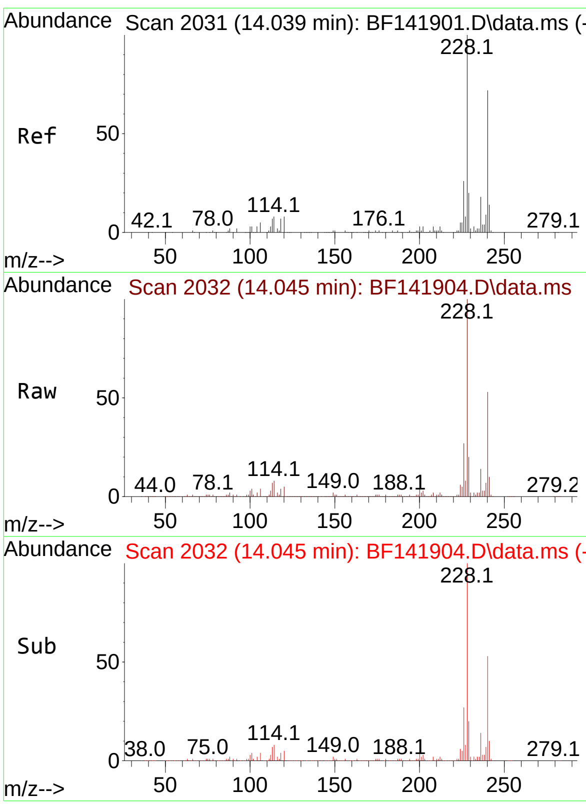


#75
Fluoranthene
Concen: 71.694 ng
RT: 12.622 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:202 Resp: 3005566

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.7
203	18.4	0.0	37.8

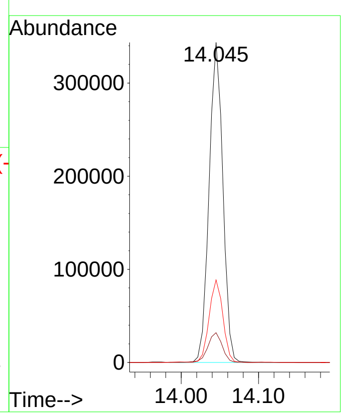




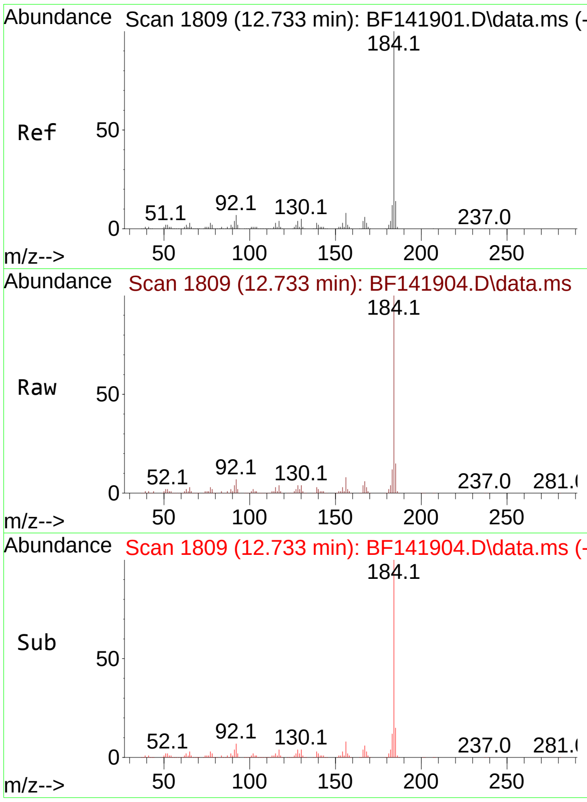
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:240 Resp: 424370

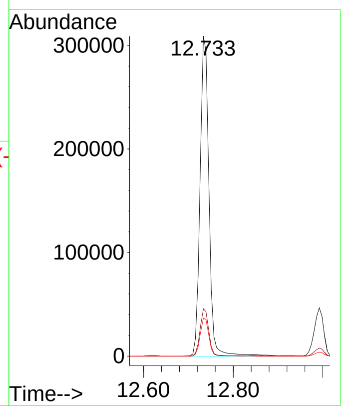
Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.4	12.6
236	25.8	20.5	30.7

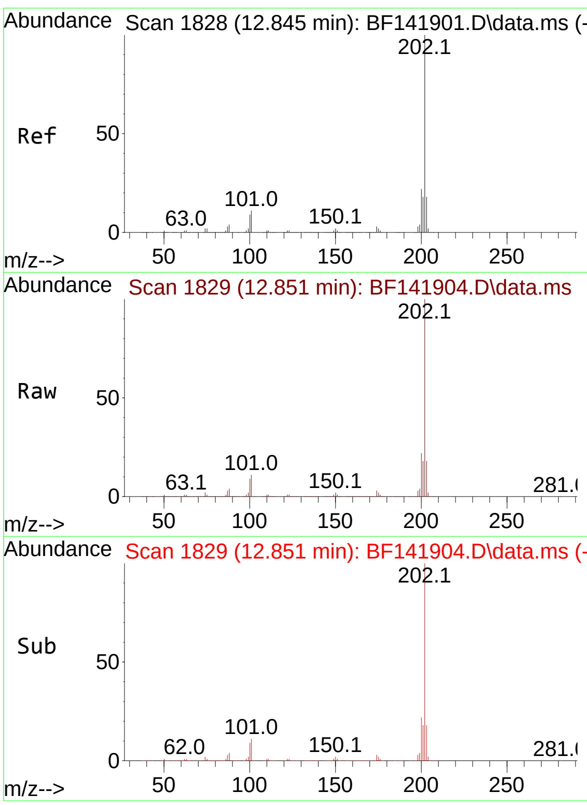


Instrument :
BNA_F
ClientSampleId :
SSTDICC080

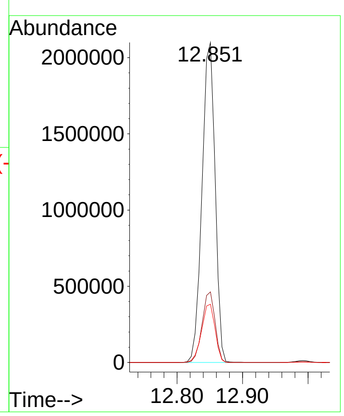



```
#77
Benzidine
Concen:   71.330 ng
RT:  12.733 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141904.D
Acq: 10 Mar 2025  14:27

Tgt Ion:184 Resp:  427770
Ion  Ratio  Lower  Upper
184  100
185   14.8   11.5   17.3
183   11.9    9.7   14.5
```

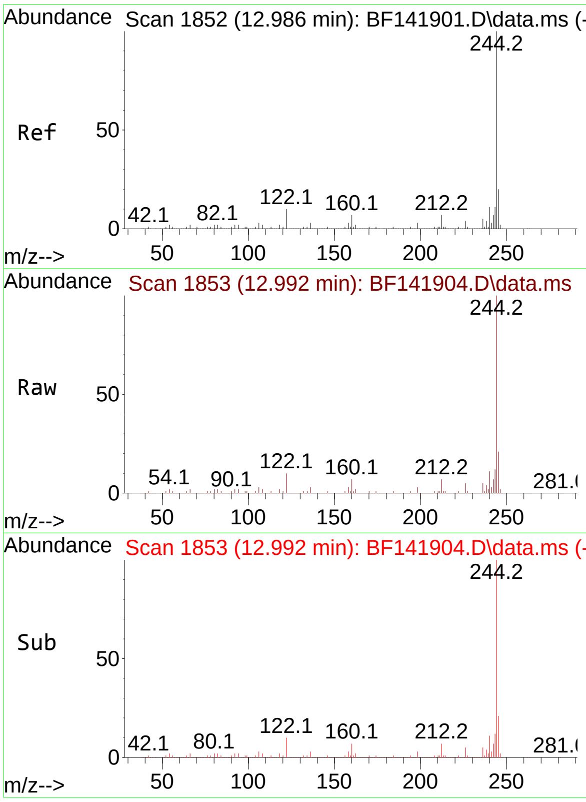





```
#78
Pyrene
Concen:   80.513 ng
RT:  12.851 min  Scan# 1829
Delta R.T.  0.006 min
Lab File:   BF141904.D
Acq: 10 Mar 2025  14:27

Tgt Ion:202 Resp: 2930115
Ion  Ratio  Lower  Upper
202  100
200   22.1   17.3   25.9
203   18.2   14.4   21.6
```



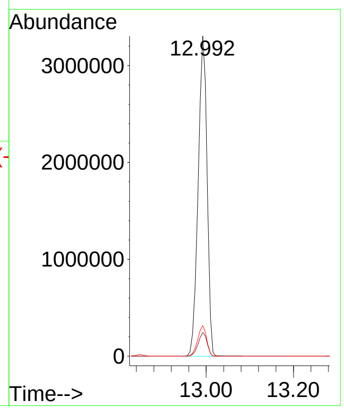
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

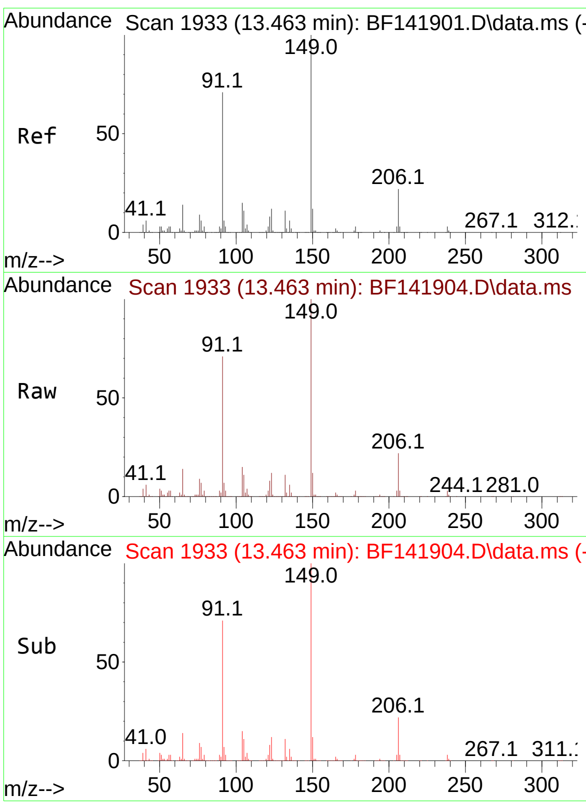


#79
Terphenyl-d14
Concen: 163.713 ng
RT: 12.992 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:244 Resp: 4700026

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	9.5	7.7	11.5

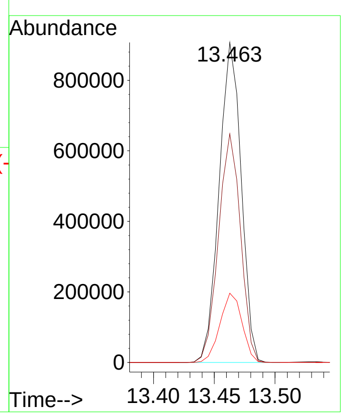




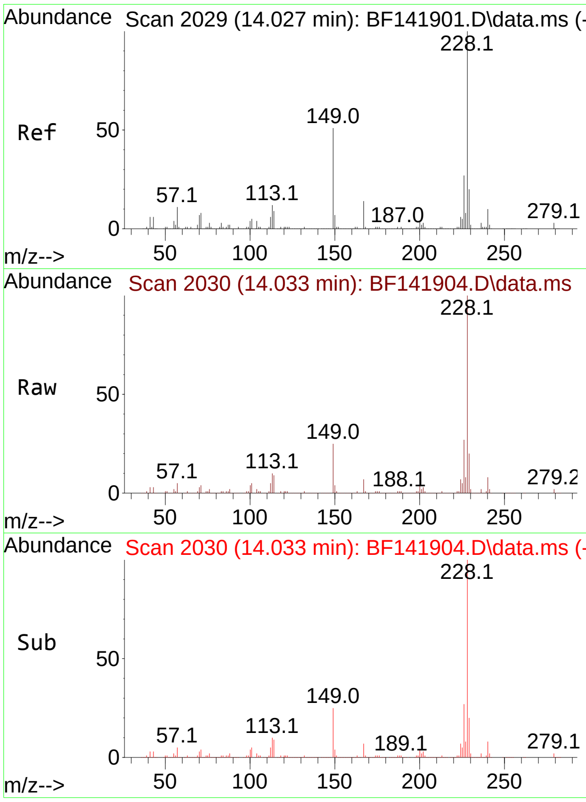
#80
Butylbenzylphthalate
Concen: 80.189 ng
RT: 13.463 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:149 Resp: 1149989

Ion	Ratio	Lower	Upper
149	100		
91	71.4	56.5	84.7
206	21.7	17.3	25.9



ICAL Form



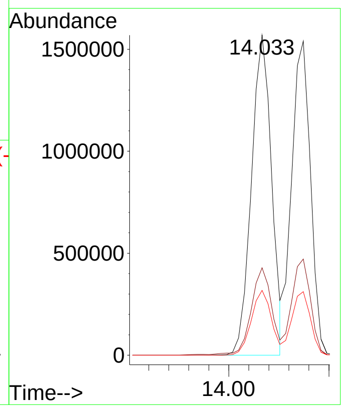
#81
Benzo(a)anthracene
Concen: 78.692 ng
RT: 14.033 min Scan# 2

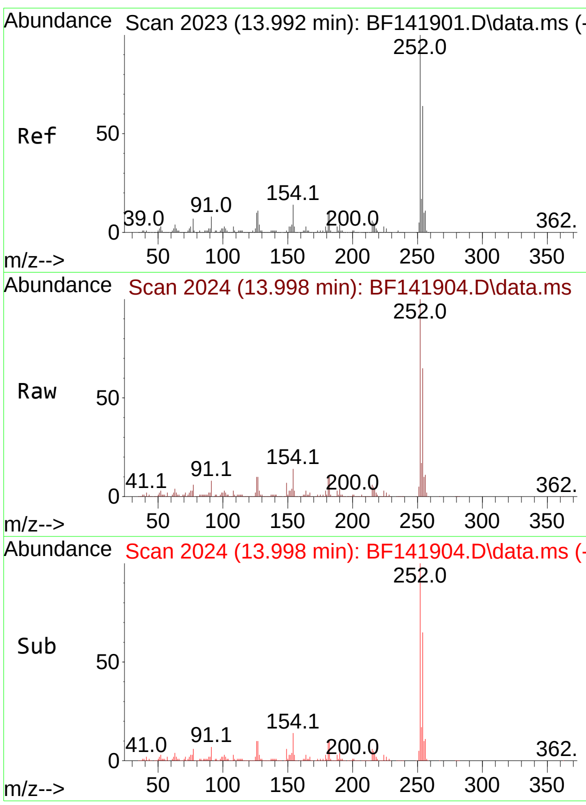
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:228 Resp: 2196935

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.3	16.0	24.0

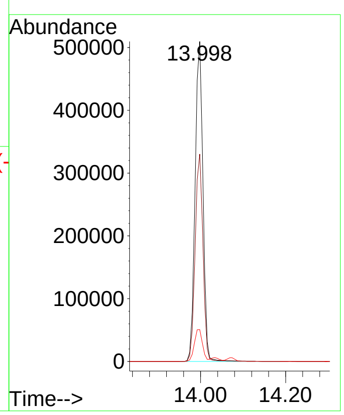




#82
3,3'-Dichlorobenzidine
Concen: 80.884 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

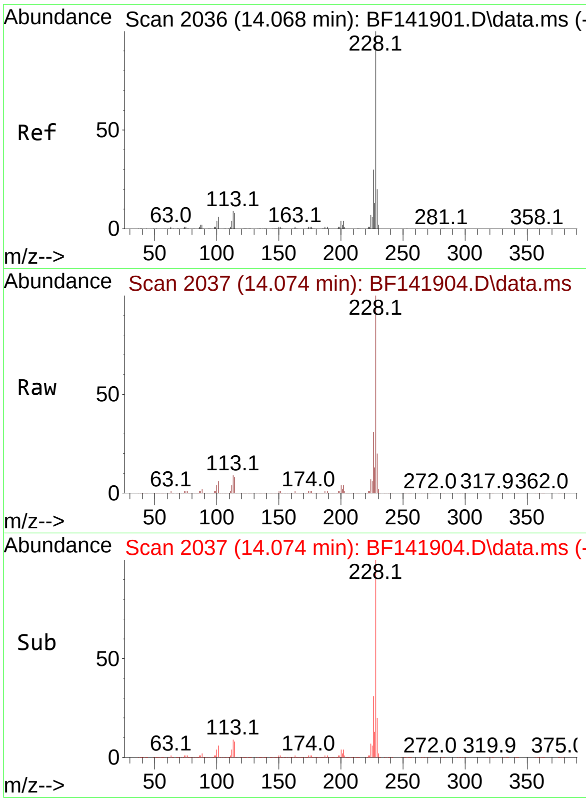
Tgt Ion:252 Resp: 652678

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.0	76.6
126	9.9	8.4	12.6



ICAL Form

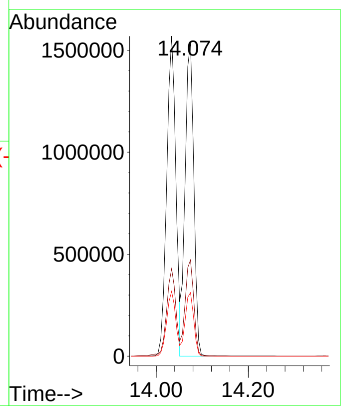
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

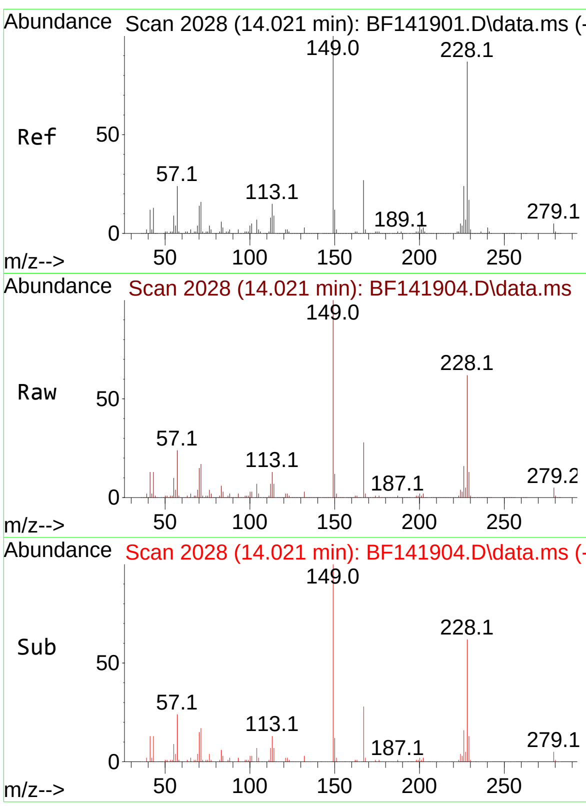


#83
Chrysene
Concen: 80.498 ng
RT: 14.074 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:228 Resp: 2018832

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	20.2	15.7	23.5

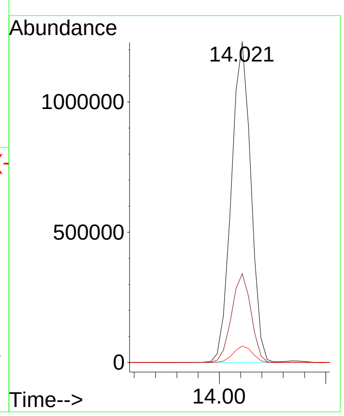




#84
Bis(2-ethylhexyl)phthalate
Concen: 79.962 ng
RT: 14.021 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

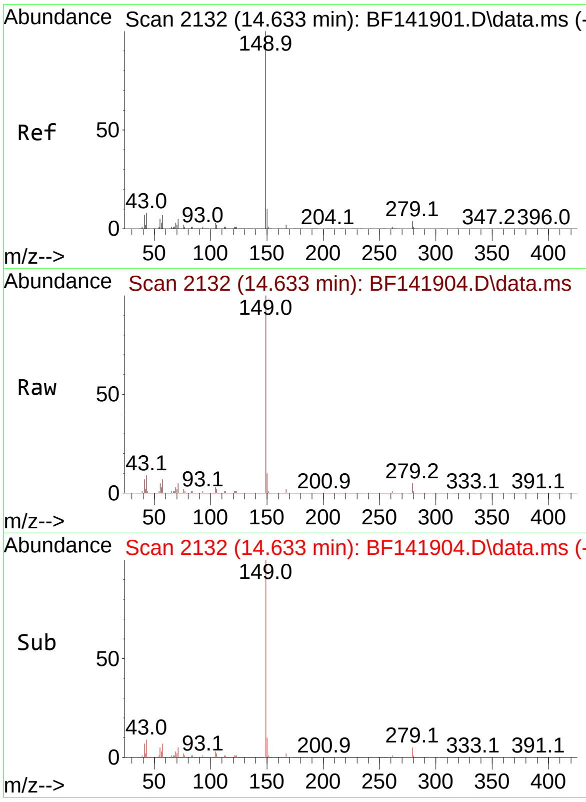
Tgt Ion:149 Resp: 1573231

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.4	32.0
279	5.2	3.8	5.6



ICAL Form

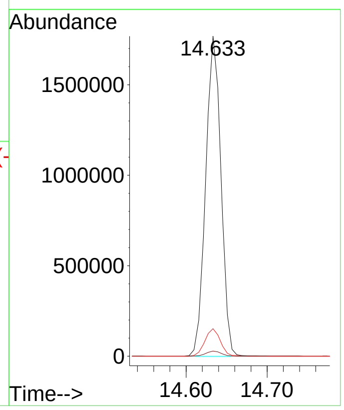
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

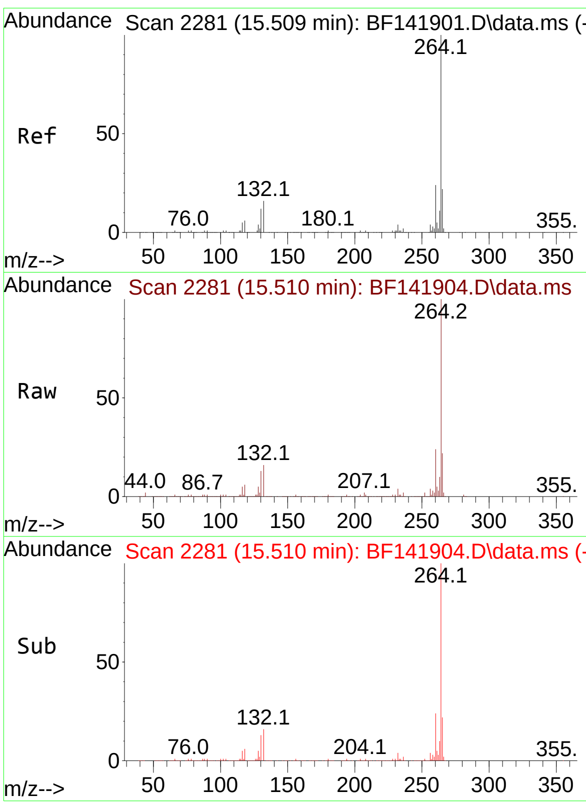


#85
Di-n-octyl phthalate
Concen: 84.386 ng
RT: 14.633 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:149 Resp: 2310836

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.7	6.9	10.3

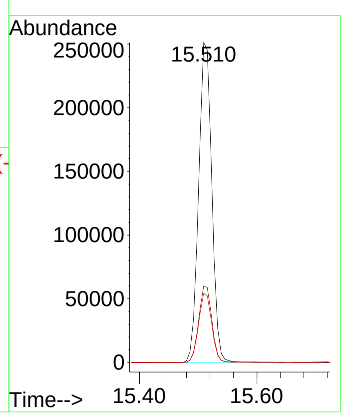




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

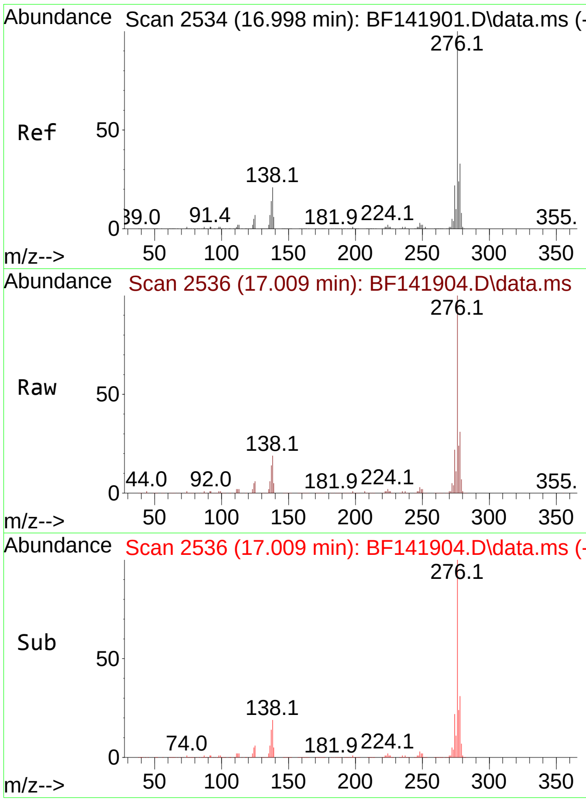
Tgt Ion:264 Resp: 391768

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.7	17.5	26.3



ICAL Form

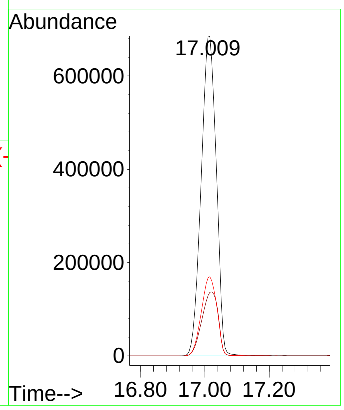
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

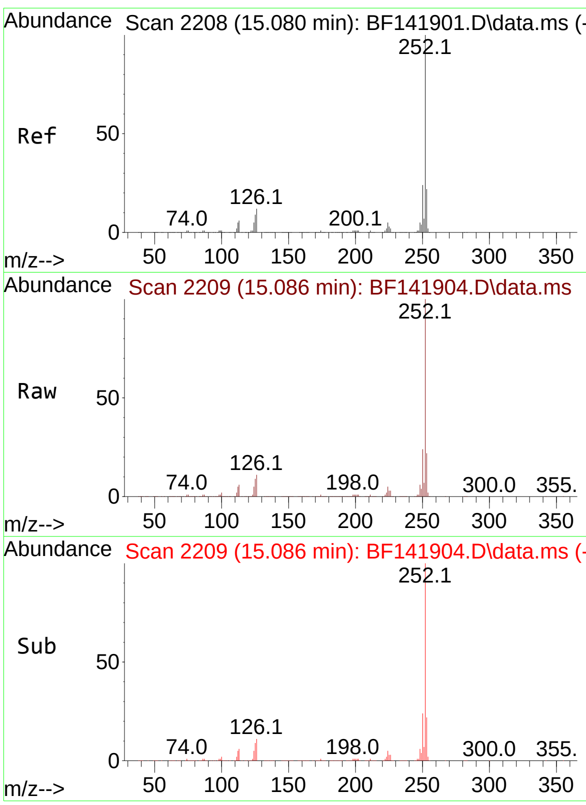


#87
Indeno(1,2,3-cd)pyrene
Concen: 88.111 ng
RT: 17.009 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:276 Resp: 2238588

Ion	Ratio	Lower	Upper
276	100		
138	21.6	18.4	27.6
277	25.5	20.3	30.5

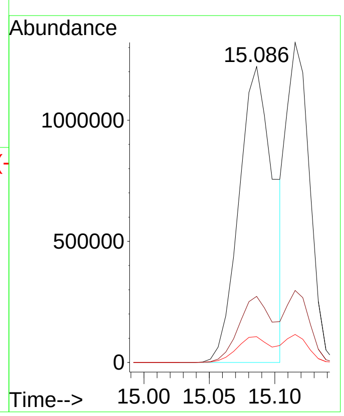




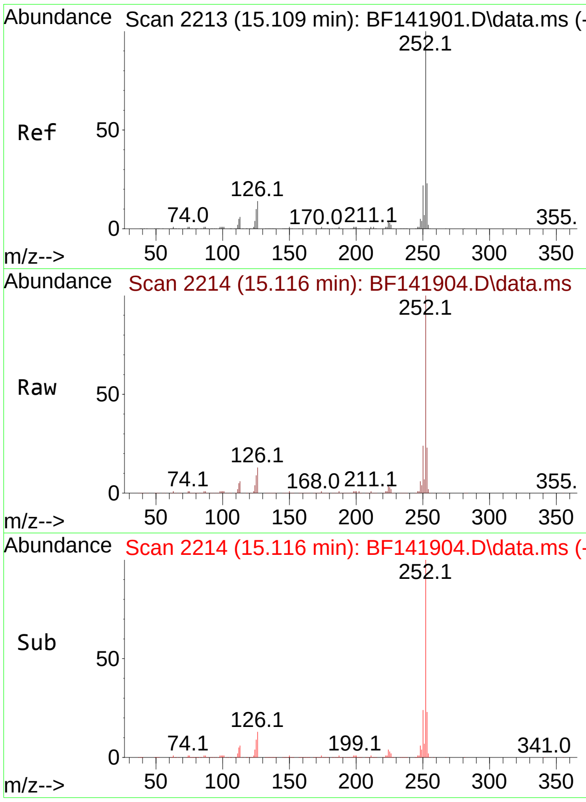
#88
Benzo(b)fluoranthene
Concen: 84.536 ng
RT: 15.086 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:252 Resp: 2246428

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.7	7.0	10.4



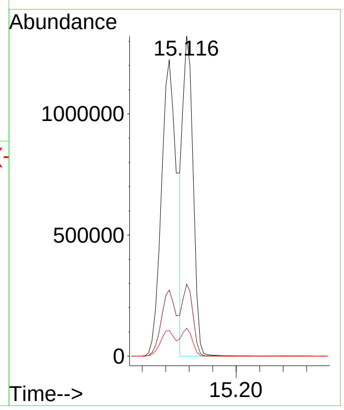
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

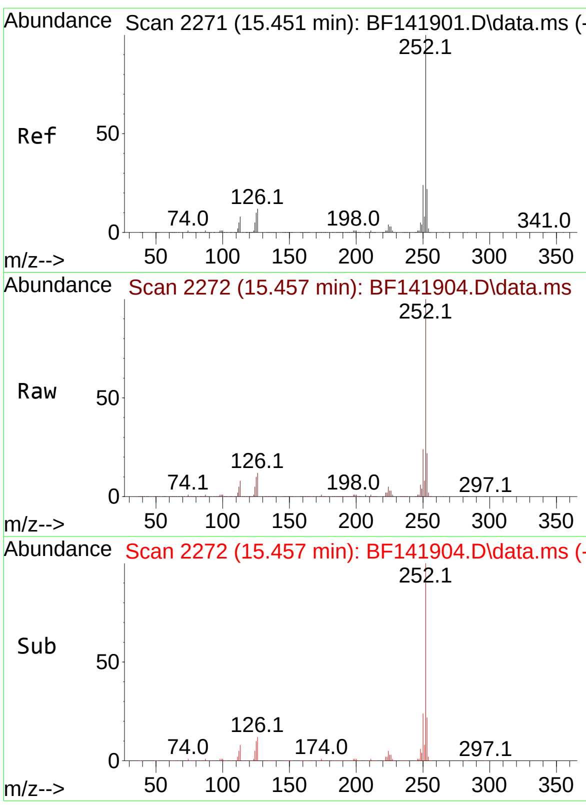


#89
Benzo(k)fluoranthene
Concen: 70.292 ng
RT: 15.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:252 Resp: 1631675

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	8.8	7.2	10.8

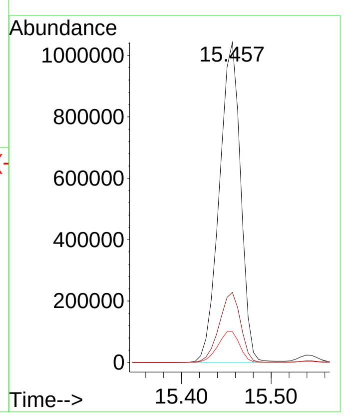




#90
Benzo(a)pyrene
Concen: 82.339 ng
RT: 15.457 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

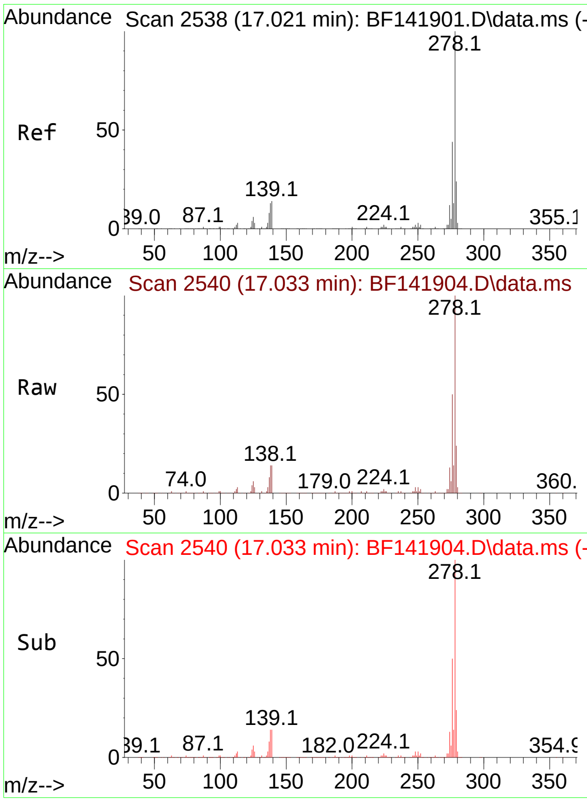
Tgt Ion:252 Resp: 1725632

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.7	7.8	11.8



ICAL Form

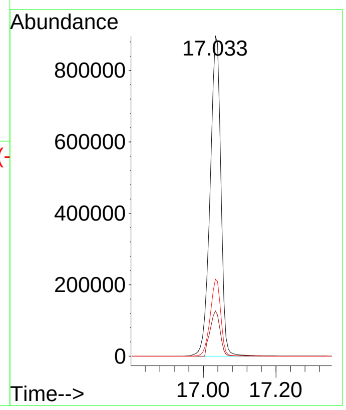
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

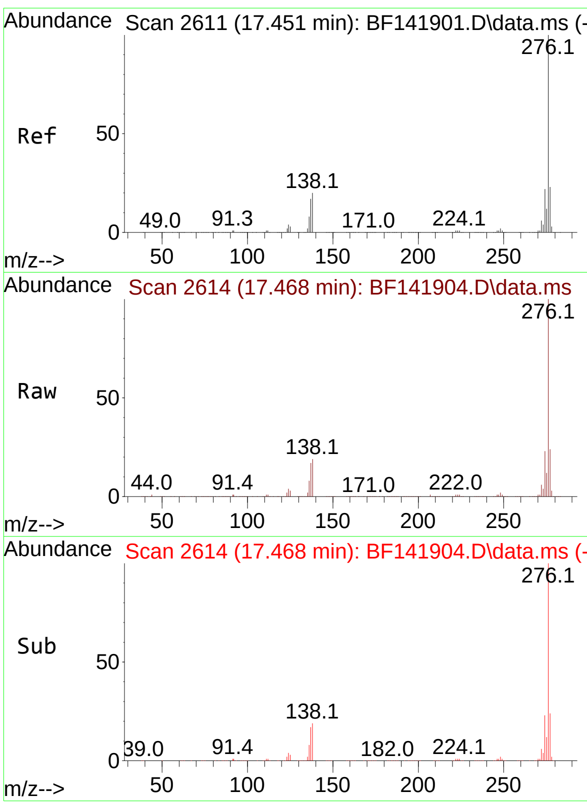


#91
Dibenzo(a,h)anthracene
Concen: 88.098 ng
RT: 17.033 min Scan# 2!
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:278 Resp: 1846778

Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.4	17.2
279	24.1	18.8	28.2

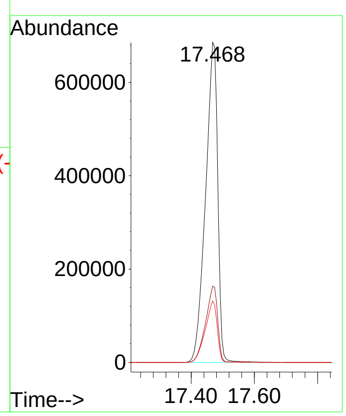




#92
Benzo(g,h,i)perylene
Concen: 87.950 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:276 Resp: 1828662

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	19.2	15.8	23.8



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141905.D
Acq On : 10 Mar 2025 15:20
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Mar 10 15:39:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.881	152	215017	20.000 ng	0.00
21) Naphthalene-d8	8.163	136	877329	20.000 ng	0.00
39) Acenaphthene-d10	9.922	164	481971	20.000 ng	0.00
64) Phenanthrene-d10	11.404	188	811142	20.000 ng	0.00
76) Chrysene-d12	14.045	240	491943	20.000 ng	0.00
86) Perylene-d12	15.509	264	413564	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.492	112	1249601	96.967 ng	0.00
7) Phenol-d6	6.504	99	1594608	97.156 ng	0.00
23) Nitrobenzene-d5	7.445	82	1507471	96.304 ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	625035	102.342 ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3064989	96.836 ng	0.00
79) Terphenyl-d14	12.992	244	3394803	102.007 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.675	88	266045	49.258 ng	99
3) Pyridine	3.434	79	646627	48.716 ng	99
4) n-Nitrosodimethylamine	3.398	42	320008	50.718 ng	99
6) Aniline	6.545	93	775854	47.884 ng	99
8) 2-Chlorophenol	6.669	128	696154	48.738 ng	100
9) Benzaldehyde	6.434	77	418049	45.569 ng	99
10) Phenol	6.522	94	829086	47.876 ng	96
11) bis(2-Chloroethyl)ether	6.616	93	631516	48.672 ng	100
12) 1,3-Dichlorobenzene	6.822	146	753352	48.807 ng	99
13) 1,4-Dichlorobenzene	6.898	146	756875	48.465 ng	100
14) 1,2-Dichlorobenzene	7.051	146	706635	48.049 ng	100
15) Benzyl Alcohol	7.022	79	652454	49.113 ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	745710	47.687 ng	100
17) 2-Methylphenol	7.128	107	557981	49.153 ng	99
18) Hexachloroethane	7.392	117	290127	49.551 ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	505166	47.887 ng	99
20) 3+4-Methylphenols	7.286	107	704563	48.388 ng	# 86
22) Acetophenone	7.292	105	987577	46.924 ng	97
24) Nitrobenzene	7.463	77	752936	48.514 ng	99
25) Isophorone	7.704	82	1327254	48.027 ng	99
26) 2-Nitrophenol	7.781	139	392772	51.644 ng	100
27) 2,4-Dimethylphenol	7.810	122	510395	48.725 ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	826776	47.757 ng	100
29) 2,4-Dichlorophenol	8.016	162	647319	49.793 ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	697274	48.617 ng	99
31) Naphthalene	8.186	128	2196111	48.863 ng	100
32) Benzoic acid	7.939	122	500593	54.676 ng	100
33) 4-Chloroaniline	8.233	127	775699	48.909 ng	99
34) Hexachlorobutadiene	8.304	225	469787	50.376 ng	99
35) Caprolactam	8.616	113	193267	48.891 ng	95
36) 4-Chloro-3-methylphenol	8.710	107	721800	49.925 ng	100
37) 2-Methylnaphthalene	8.875	142	1436485	47.638 ng	100
38) 1-Methylnaphthalene	8.975	142	1357356	46.482 ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	719431	48.955 ng	99
41) Hexachlorocyclopentadiene	9.027	237	284968	49.142 ng	99
43) 2,4,6-Trichlorophenol	9.151	196	481782	50.291 ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141905.D
Acq On : 10 Mar 2025 15:20
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Mar 10 15:39:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	482570	49.580 ng	99
46) 1,1'-Biphenyl	9.339	154	1809746	49.526 ng	99
47) 2-Chloronaphthalene	9.369	162	1360528	49.960 ng	99
48) 2-Nitroaniline	9.457	65	429111	54.854 ng	97
49) Acenaphthylene	9.780	152	2005538	49.674 ng	100
50) Dimethylphthalate	9.645	163	1716995	51.273 ng	100
51) 2,6-Dinitrotoluene	9.704	165	370368	53.184 ng	96
52) Acenaphthene	9.957	154	1377901	48.333 ng	98
53) 3-Nitroaniline	9.874	138	340633	47.638 ng	100
54) 2,4-Dinitrophenol	9.975	184	184410	49.104 ng	# 58
55) Dibenzofuran	10.127	168	1936780	47.647 ng	99
56) 4-Nitrophenol	10.022	139	276487	51.474 ng	99
57) 2,4-Dinitrotoluene	10.104	165	461276	50.321 ng	97
58) Fluorene	10.469	166	1497123	47.708 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	438025	49.600 ng	100
60) Diethylphthalate	10.339	149	1635073	48.639 ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	799744	48.929 ng	99
62) 4-Nitroaniline	10.486	138	346378	49.990 ng	99
63) Azobenzene	10.622	77	1519356	48.653 ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	262910	54.673 ng	99
66) n-Nitrosodiphenylamine	10.580	169	1293745	49.373 ng	100
67) 4-Bromophenyl-phenylether	10.951	248	532762	52.740 ng	97
68) Hexachlorobenzene	11.016	284	573467	51.359 ng	97
69) Atrazine	11.104	200	418147	65.441 ng	99
70) Pentachlorophenol	11.204	266	365292	53.050 ng	99
71) Phenanthrene	11.433	178	2080633	47.434 ng	100
72) Anthracene	11.480	178	2081490	47.299 ng	99
73) Carbazole	11.633	167	1831424	48.338 ng	99
74) Di-n-butylphthalate	11.963	149	2510447	50.185 ng	99
75) Fluoranthene	12.616	202	2328357	50.564 ng	99
77) Benzidine	12.733	184	270893	38.966 ng	99
78) Pyrene	12.845	202	2308671	54.723 ng	100
80) Butylbenzylphthalate	13.463	149	864849	52.022 ng	99
81) Benzo(a)anthracene	14.033	228	1592035	49.192 ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	449408	48.044 ng	99
83) Chrysene	14.068	228	1465389	50.404 ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1203021	52.747 ng	99
85) Di-n-octyl phthalate	14.633	149	1692206	53.307 ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	1366974	50.969 ng	99
88) Benzo(b)fluoranthene	15.080	252	1392083	49.625 ng	99
89) Benzo(k)fluoranthene	15.109	252	1167351	47.638 ng	100
90) Benzo(a)pyrene	15.451	252	1119256	50.591 ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1131875	51.149 ng	99
92) Benzo(g,h,i)perylene	17.456	276	1099760	50.106 ng	99

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

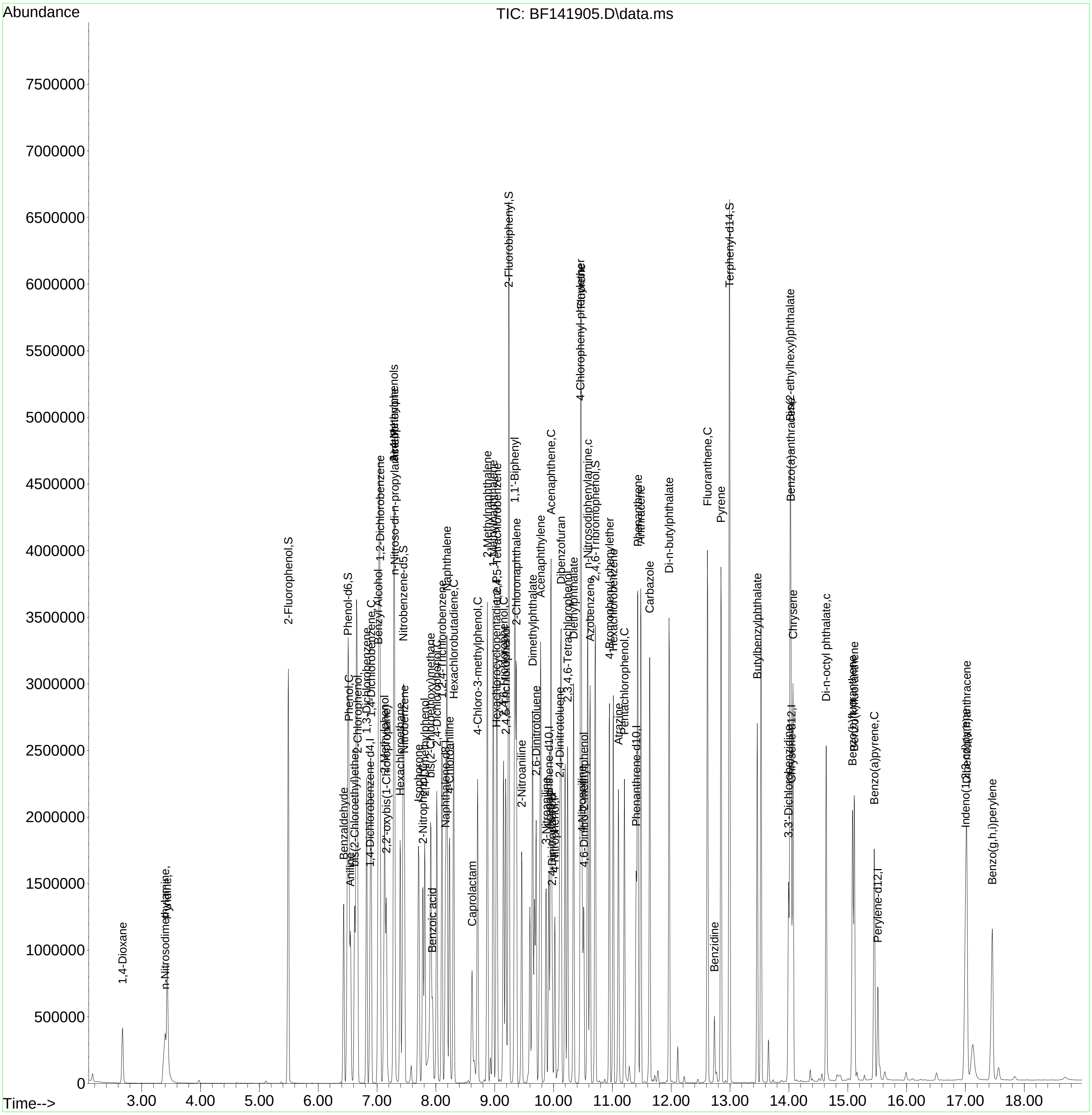
Quantitation Report (QT Reviewed)

ICAL Form

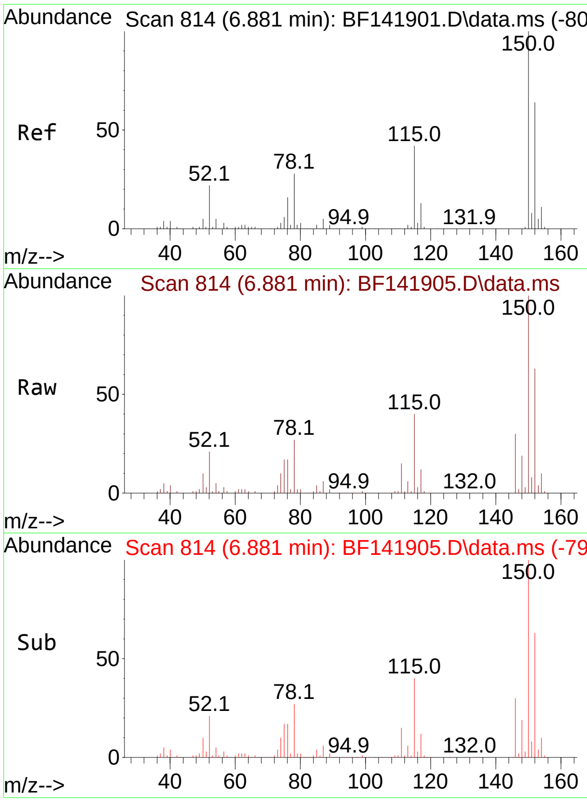
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141905.D
Acq On : 10 Mar 2025 15:20
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Mar 10 15:39:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



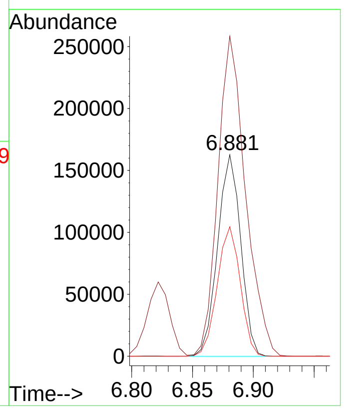
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

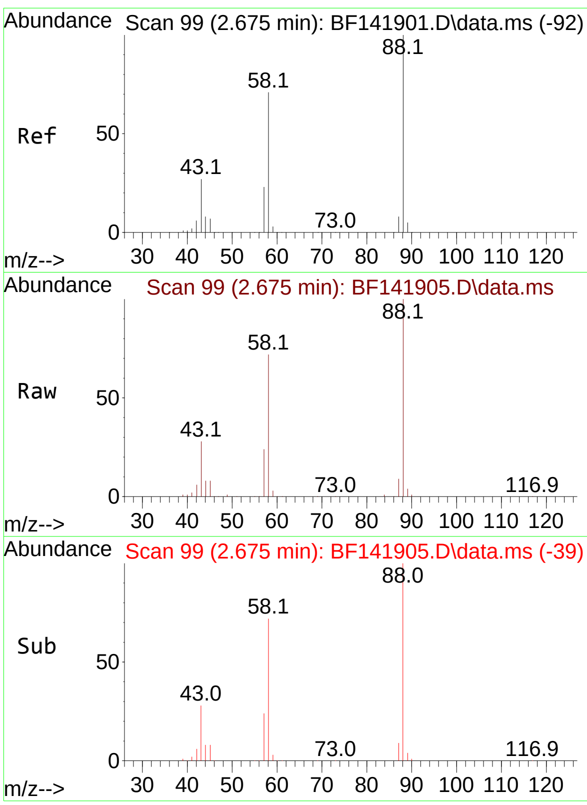


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min   Scan# 8
Delta R.T.   -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025   15:20

Tgt Ion:152 Resp: 215017

Ion	Ratio	Lower	Upper
152	100		
150	158.8	127.4	191.2
115	64.3	51.9	77.9

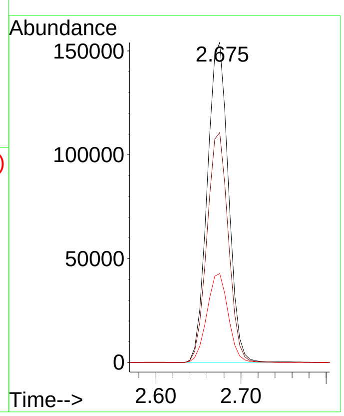




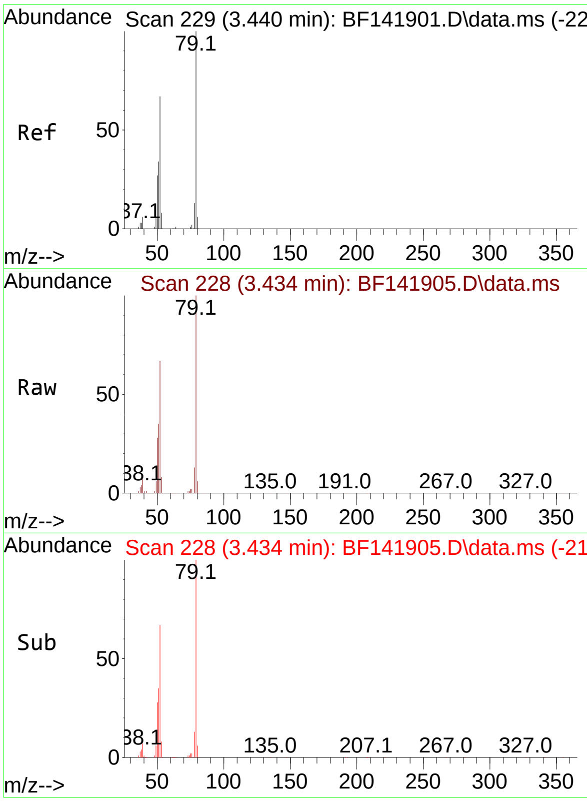
#2
1,4-Dioxane
Concen: 49.258 ng
RT: 2.675 min   Scan# 99
Delta R.T.   -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025   15:20

Tgt Ion: 88 Resp: 266045

Ion	Ratio	Lower	Upper
88	100		
58	72.1	57.4	86.2
43	27.9	21.5	32.3



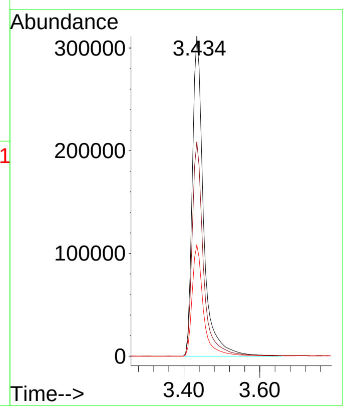
Instrument : BNA_F
ClientSampleId : SSTDICC050

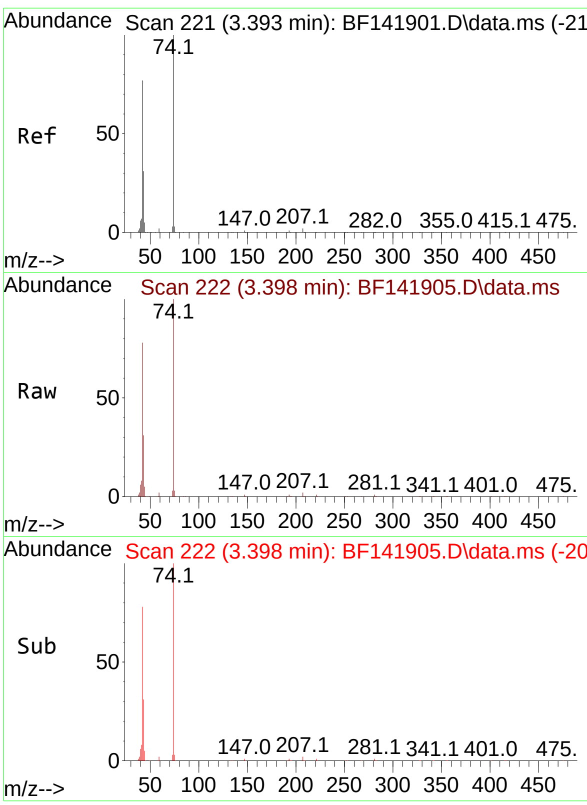


#3
Pyridine
Concen: 48.716 ng
RT: 3.434 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 79 Resp: 646627

Ion	Ratio	Lower	Upper
79	100		
52	67.0	53.3	79.9
51	34.8	27.6	41.4

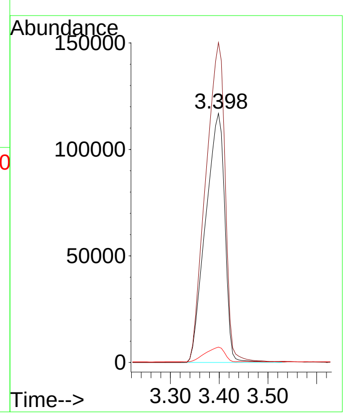




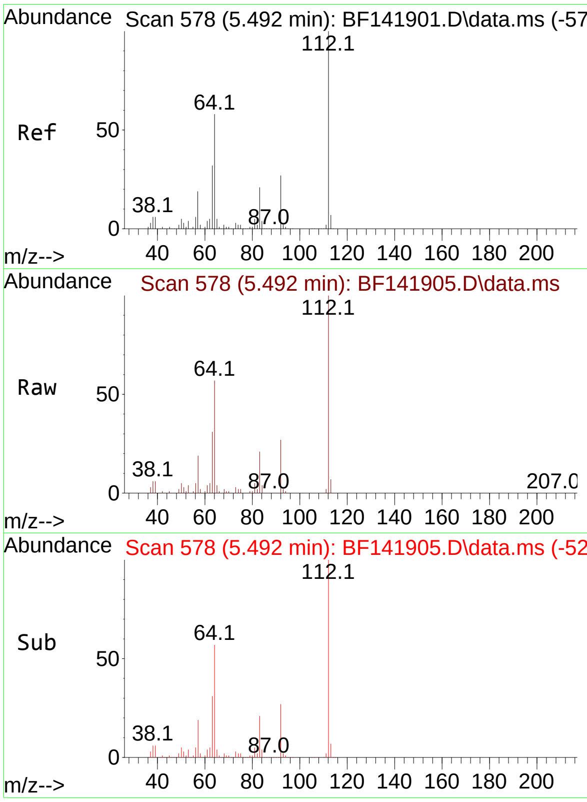
#4
n-Nitrosodimethylamine
Concen: 50.718 ng
RT: 3.398 min Scan# 222
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 42 Resp: 320008

Ion	Ratio	Lower	Upper
42	100		
74	128.4	103.4	155.0
44	6.2	5.0	7.4



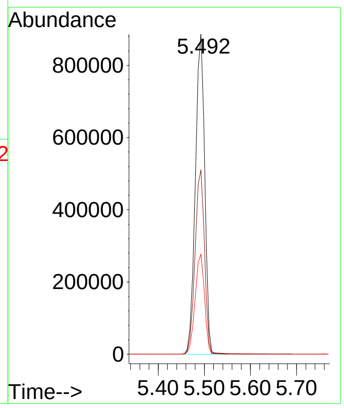
Instrument : BNA_F
ClientSampleId : SSTDICC050

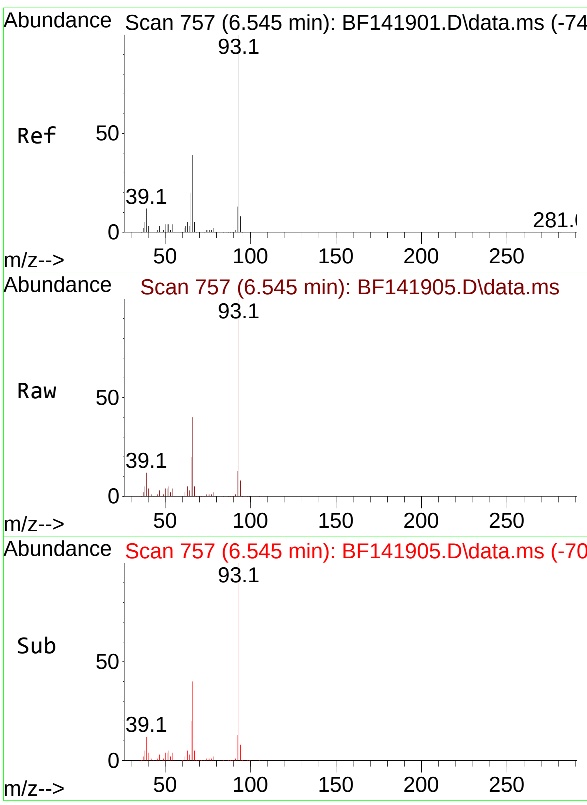


#5
2-Fluorophenol
Concen: 96.967 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:112 Resp: 1249601

Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.5	69.7
63	31.2	25.4	38.2

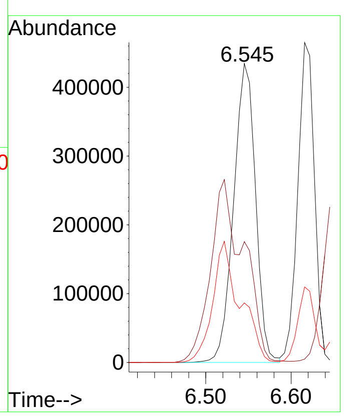




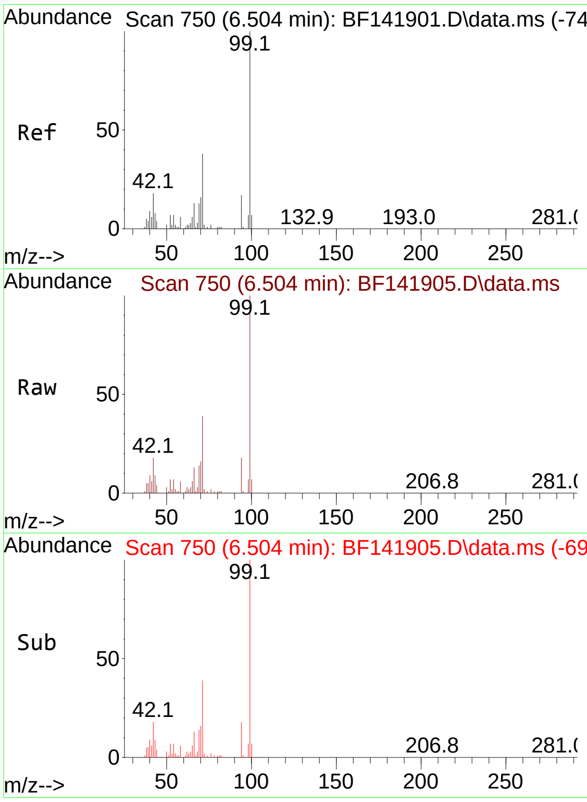
#6
Aniline
Concen: 47.884 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 93 Resp: 775854

Ion	Ratio	Lower	Upper
93	100		
66	40.4	31.9	47.9
65	19.9	15.8	23.6



ICAL Form

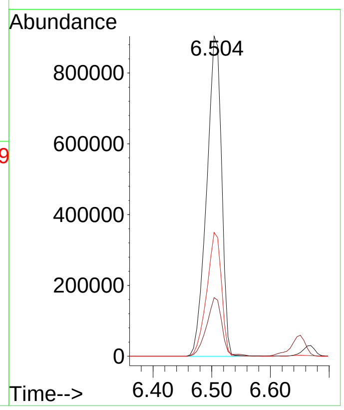


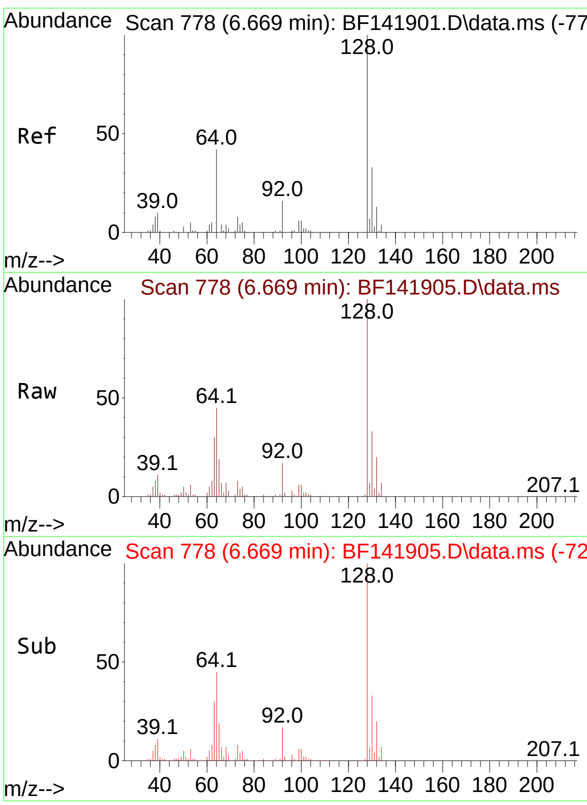
#7
Phenol-d6
Concen: 97.156 ng
RT: 6.504 min   Scan# 7
Delta R.T.   -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025   15:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1594608

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.6	21.8
71	38.7	30.8	46.2

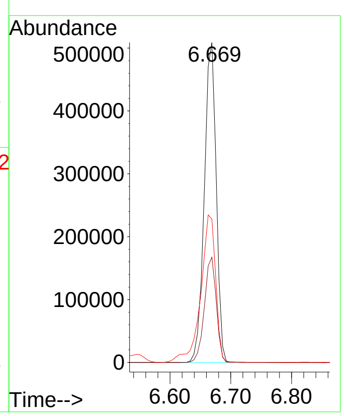


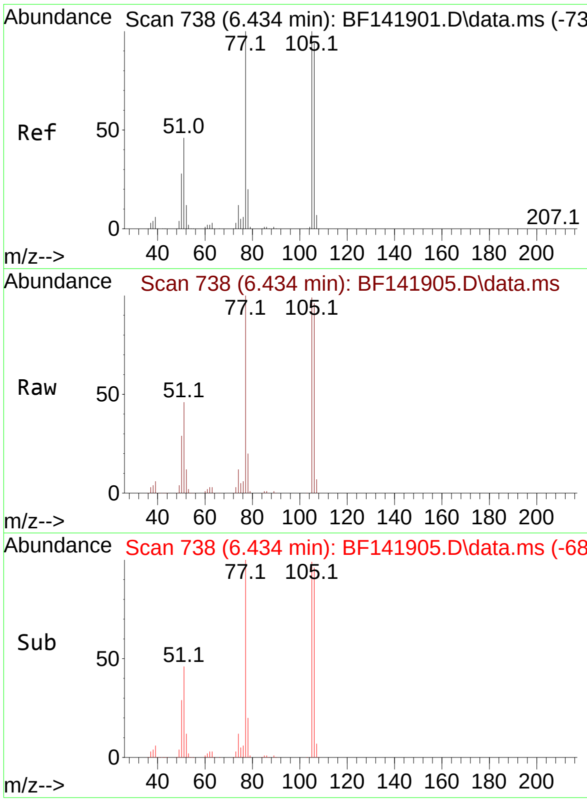


#8
2-Chlorophenol
Concen: 48.738 ng
RT: 6.669 min   Scan# 778
Delta R.T.   -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025   15:20

Tgt Ion:128 Resp: 696154

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	44.8	24.4	64.4



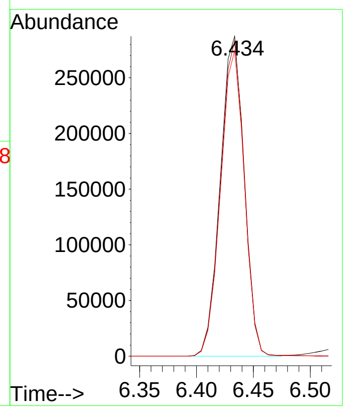


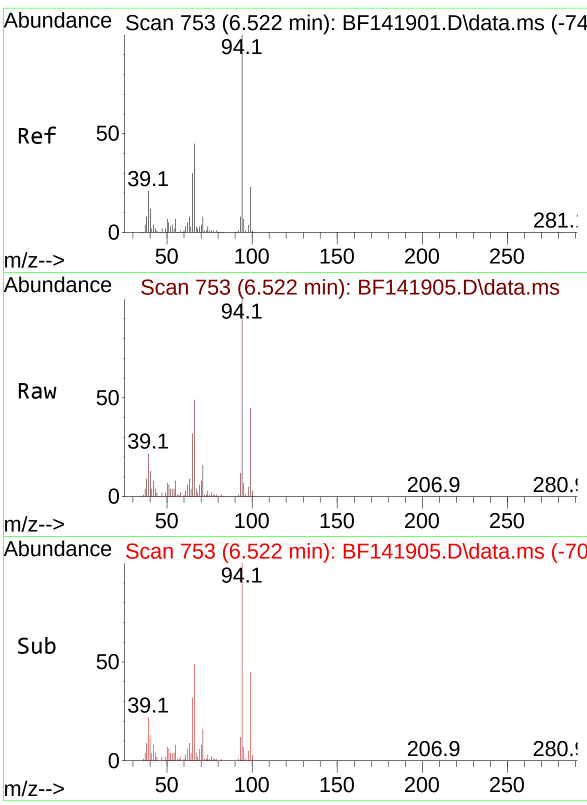
#9
Benzaldehyde
Concen: 45.569 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 418049

Ion	Ratio	Lower	Upper
77	100		
105	98.6	80.0	120.0
106	95.5	74.5	114.5

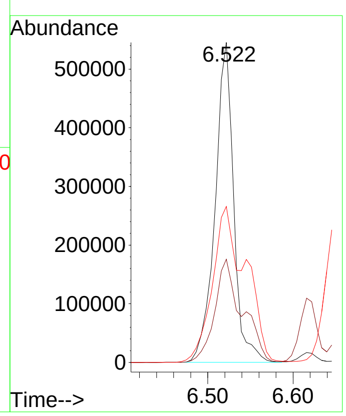




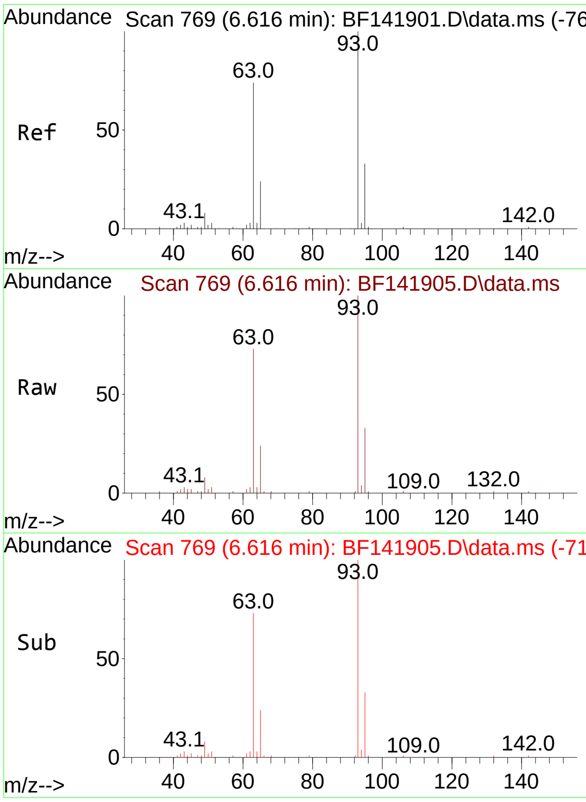
#10
Phenol
Concen: 47.876 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 94 Resp: 829086

Ion	Ratio	Lower	Upper
94	100		
65	32.3	10.5	50.5
66	48.7	25.8	65.8



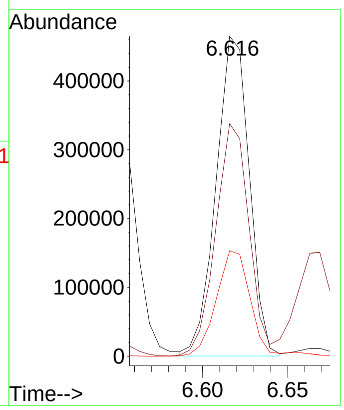
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

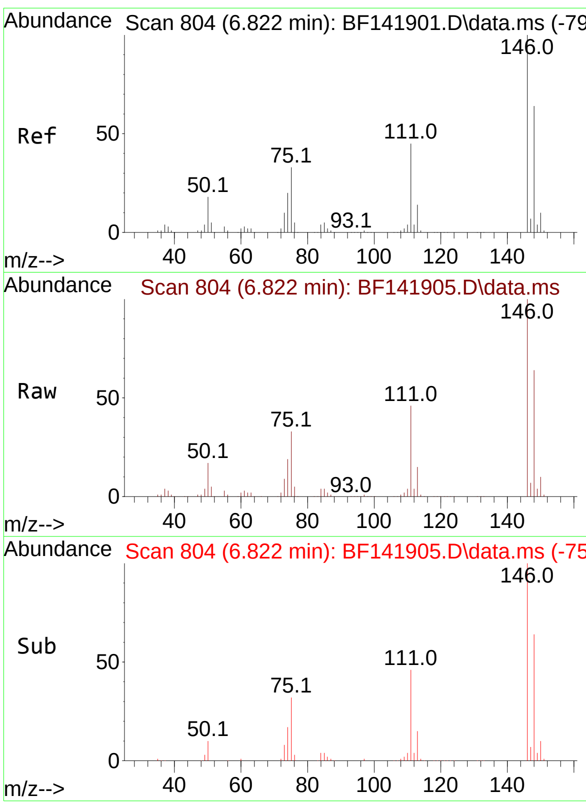


#11
bis(2-Chloroethyl)ether
Concen: 48.672 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 93 Resp: 631516

Ion	Ratio	Lower	Upper
93	100		
63	72.7	53.0	93.0
95	33.0	12.9	52.9

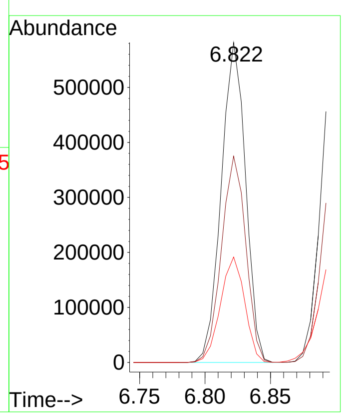




#12
1,3-Dichlorobenzene
Concen: 48.807 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

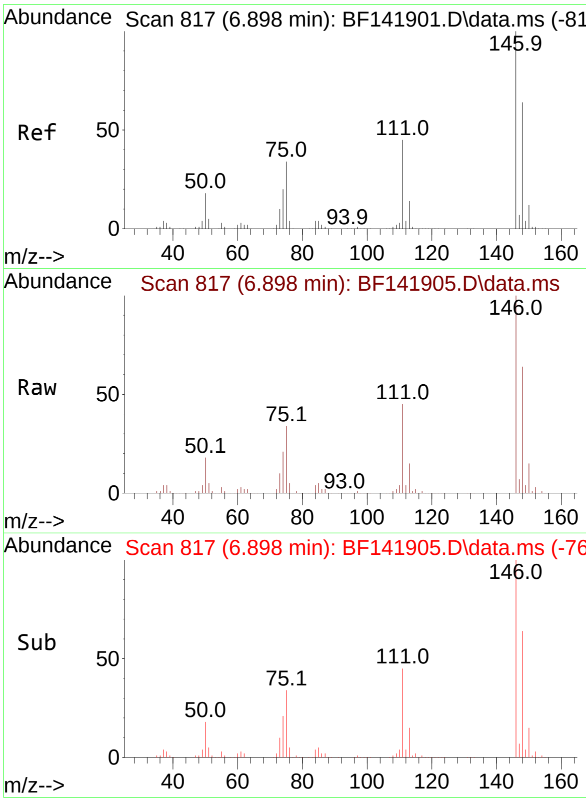
Tgt Ion:146 Resp: 753352

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
75	32.9	26.6	40.0



ICAL Form

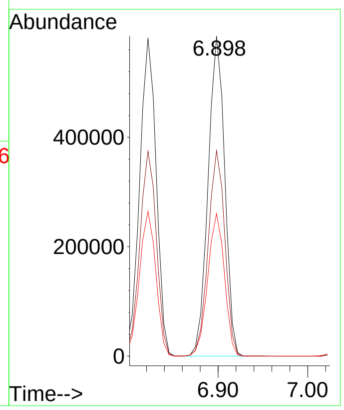
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

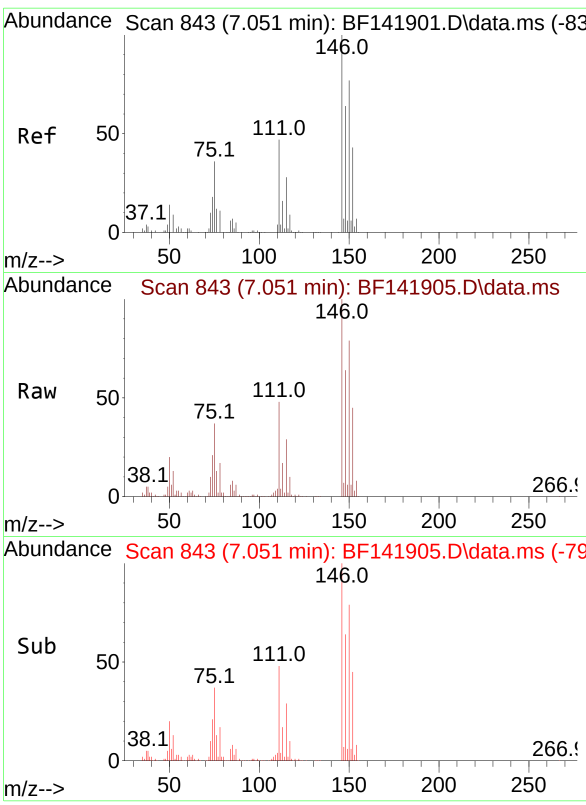


#13
1,4-Dichlorobenzene
Concen: 48.465 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:146 Resp: 756875

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	44.6	35.7	53.5

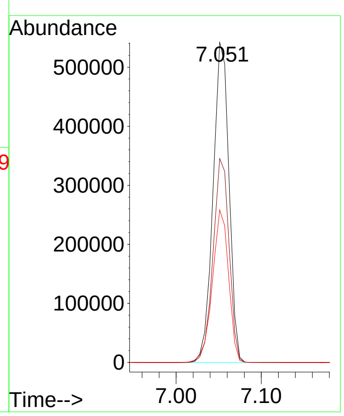




#14
1,2-Dichlorobenzene
Concen: 48.049 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

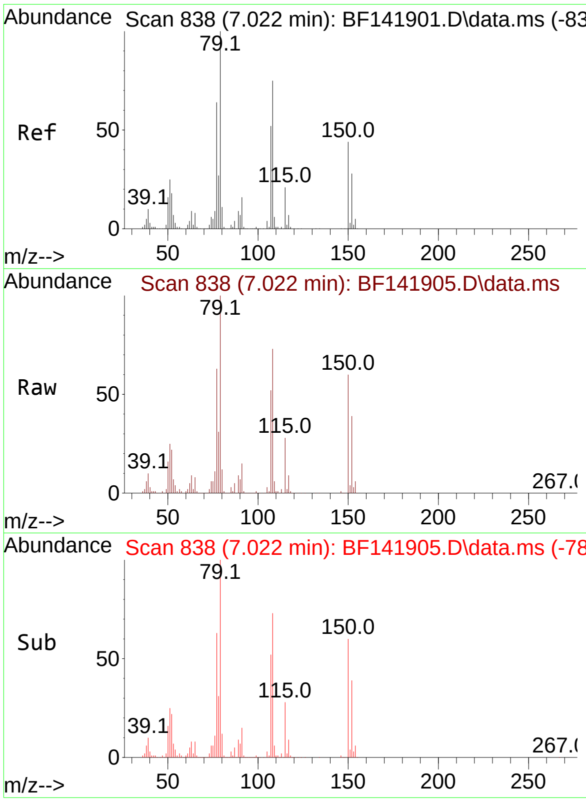
Tgt Ion:146 Resp: 706635

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	47.6	38.0	57.0



ICAL Form

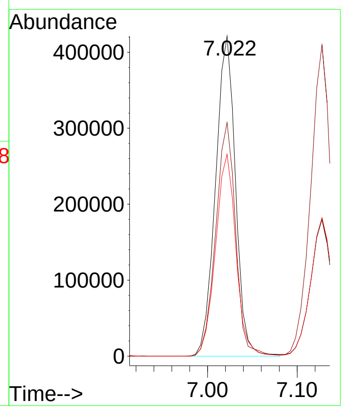
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

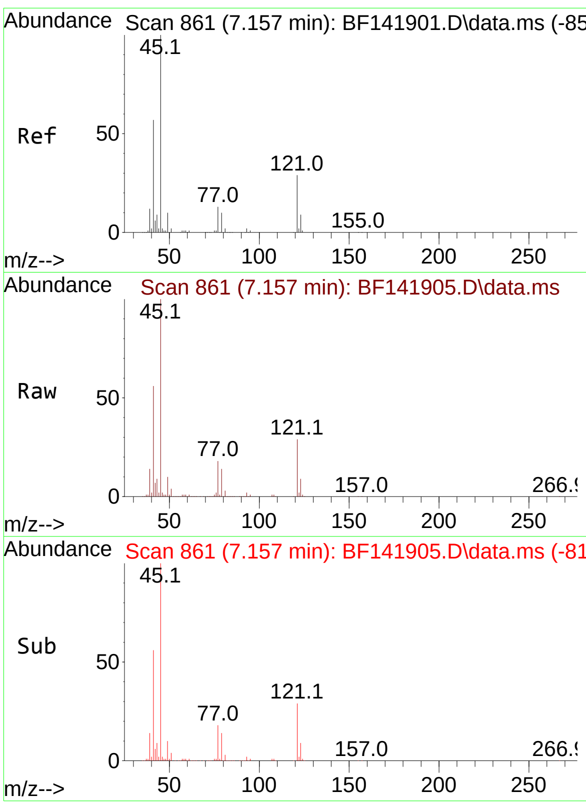


#15
Benzyl Alcohol
Concen: 49.113 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 79 Resp: 652454

Ion	Ratio	Lower	Upper
79	100		
108	73.0	59.7	89.5
77	63.1	51.0	76.6

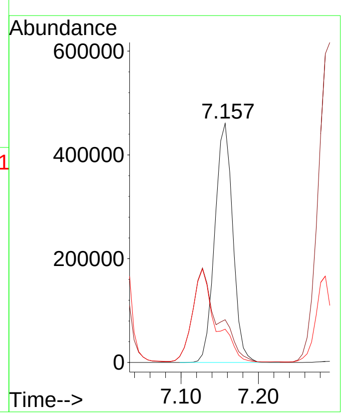




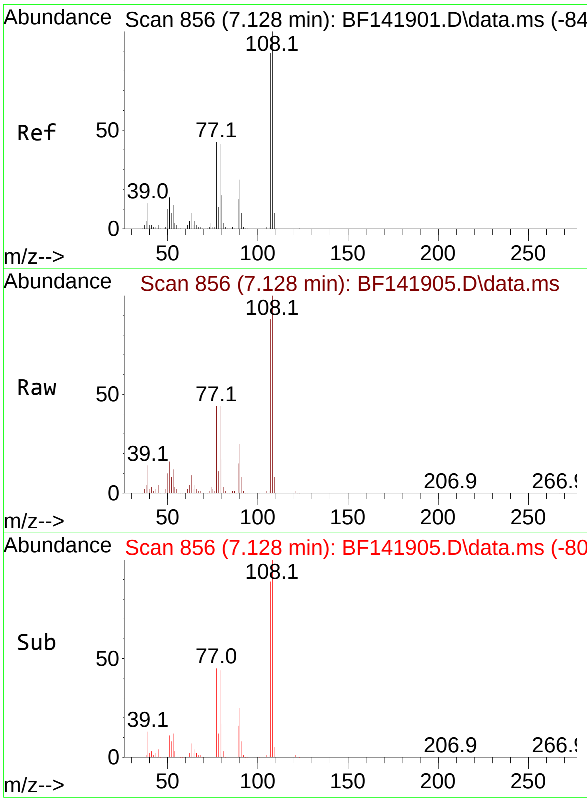
#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.687 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 45 Resp: 745710

Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	37.8
79	14.0	0.0	34.2



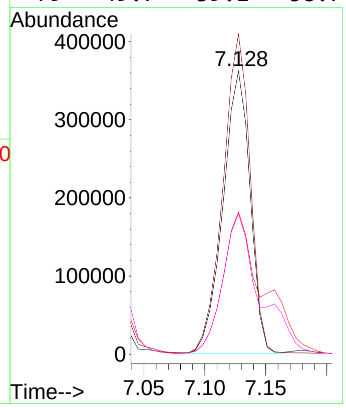
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

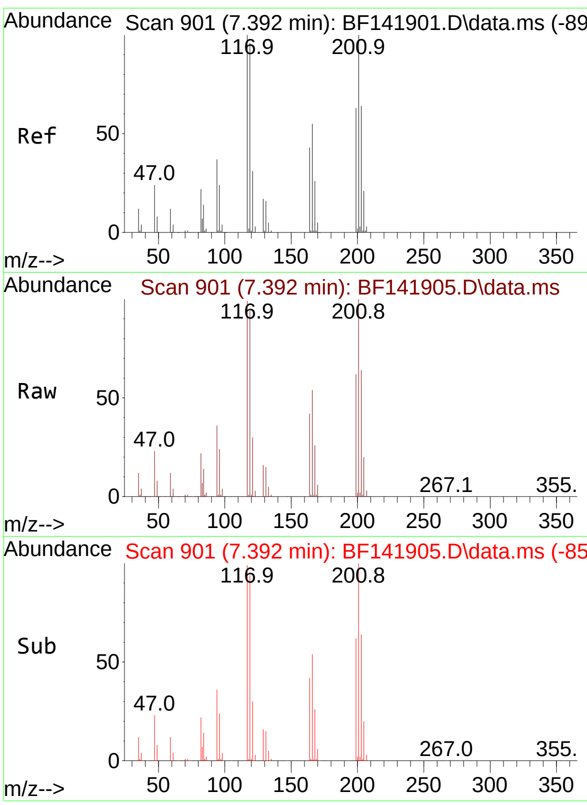


#17
2-Methylphenol
Concen: 49.153 ng
RT: 7.128 min   Scan# 8
Delta R.T.   -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025   15:20

Tgt Ion:107 Resp: 557981

Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.2	135.2
77	50.3	39.6	59.4
79	49.7	39.1	58.7

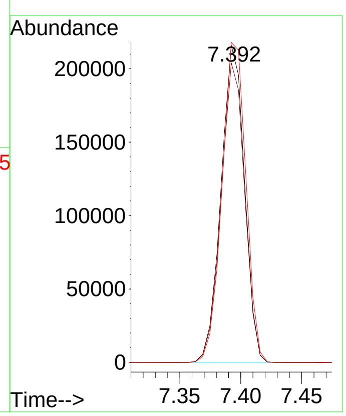




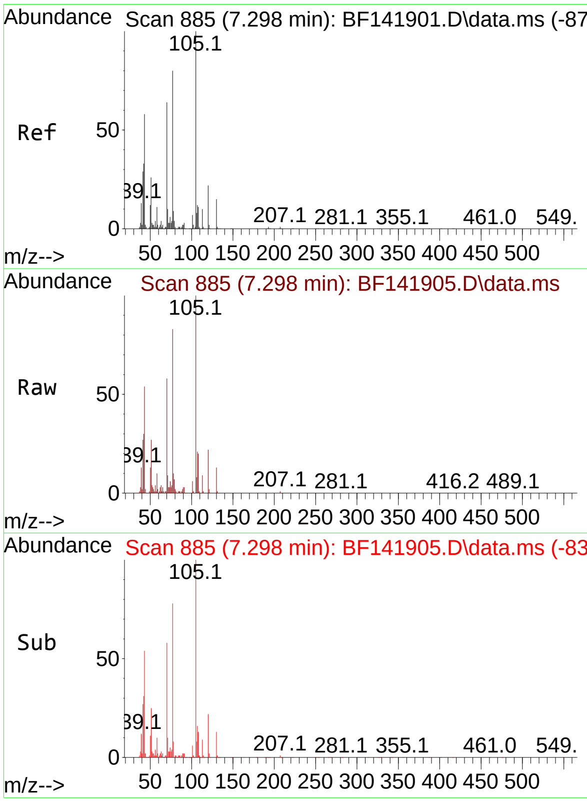
#18
Hexachloroethane
Concen: 49.551 ng
RT: 7.392 min   Scan# 901
Delta R.T.   -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025   15:20

Tgt Ion:117 Resp: 290127

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.9	115.3
201	100.9	79.9	119.9



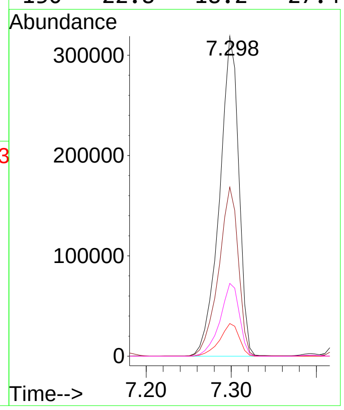
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

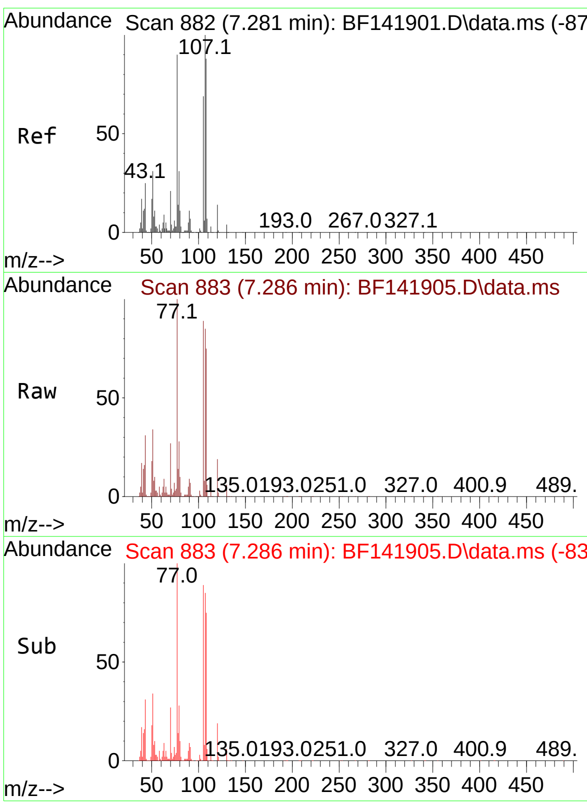


#19
n-Nitroso-di-n-propylamine
Concen: 47.887 ng
RT: 7.298 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 70 Resp: 505166

Ion	Ratio	Lower	Upper
70	100		
42	52.8	41.4	62.0
101	10.2	8.2	12.2
130	22.8	18.2	27.4

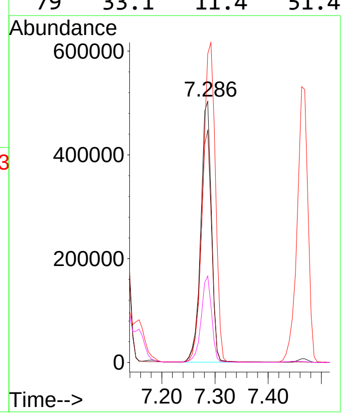




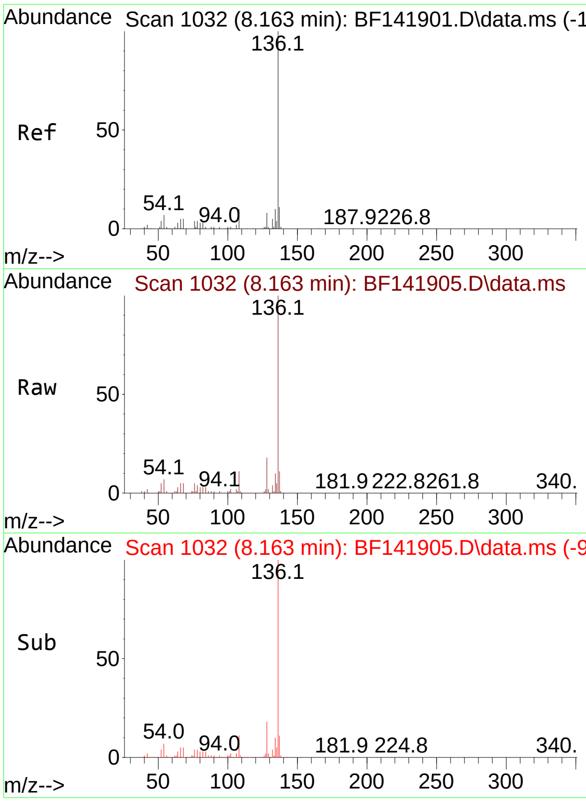
#20
3+4-Methylphenols
Concen: 48.388 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:107 Resp: 704563

Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.4	108.4
77	118.3	69.7	109.7#
79	33.1	11.4	51.4



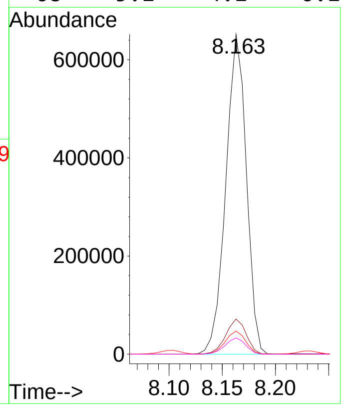
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

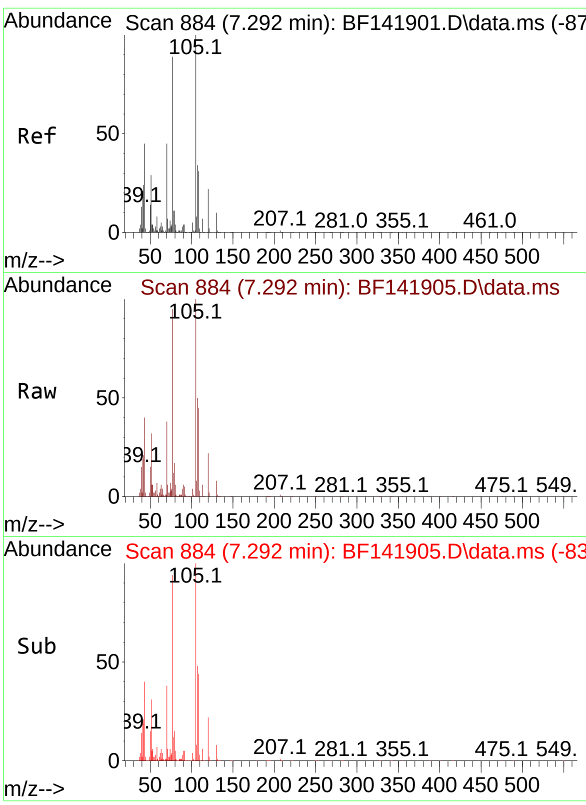


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:136 Resp: 877329

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.2	5.8	8.8
68	5.1	4.1	6.1

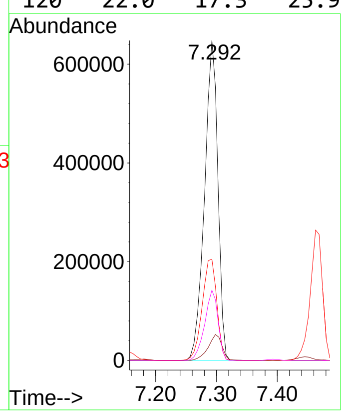




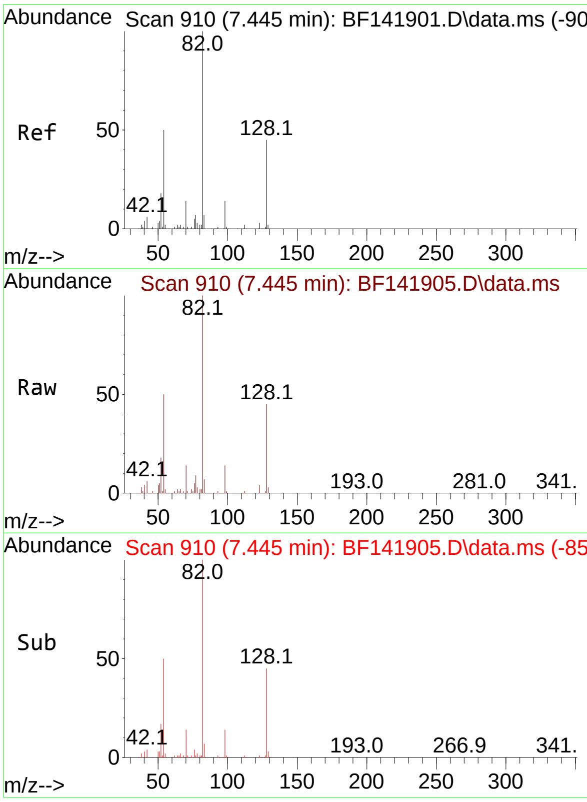
#22
Acetophenone
Concen: 46.924 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:105 Resp: 987577

Ion	Ratio	Lower	Upper
105	100		
71	6.3	5.8	8.8
51	31.7	23.4	35.0
120	22.0	17.3	25.9



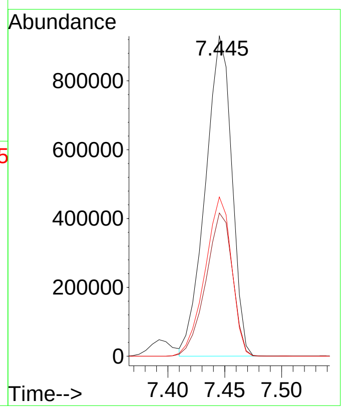
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

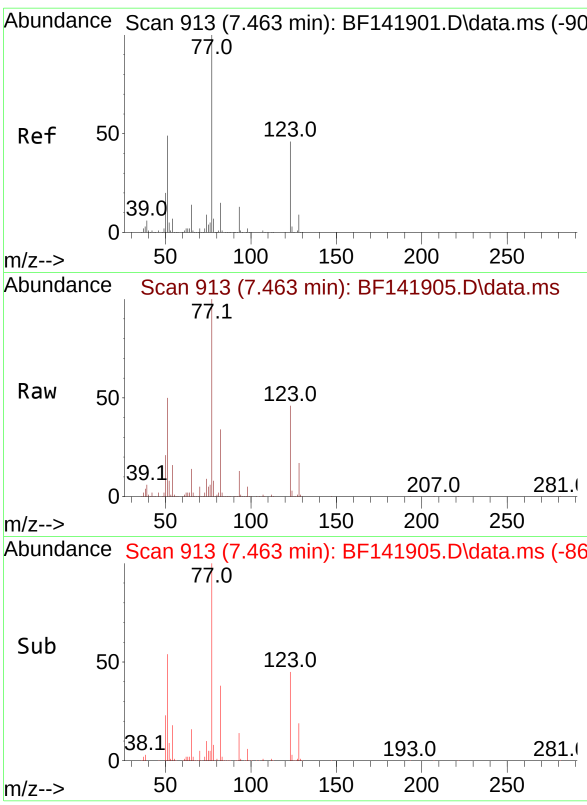


#23
Nitrobenzene-d5
Concen: 96.304 ng
RT: 7.445 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 82 Resp: 1507471

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.0	54.0
54	49.8	39.6	59.4

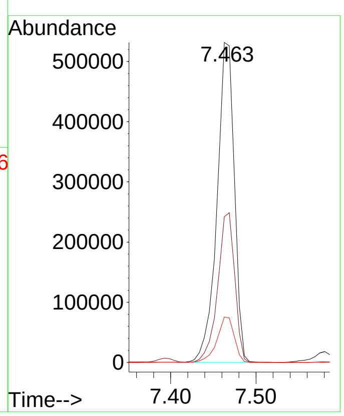




#24
Nitrobenzene
Concen: 48.514 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 77 Resp: 752936

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.0	55.4
65	14.2	11.3	16.9



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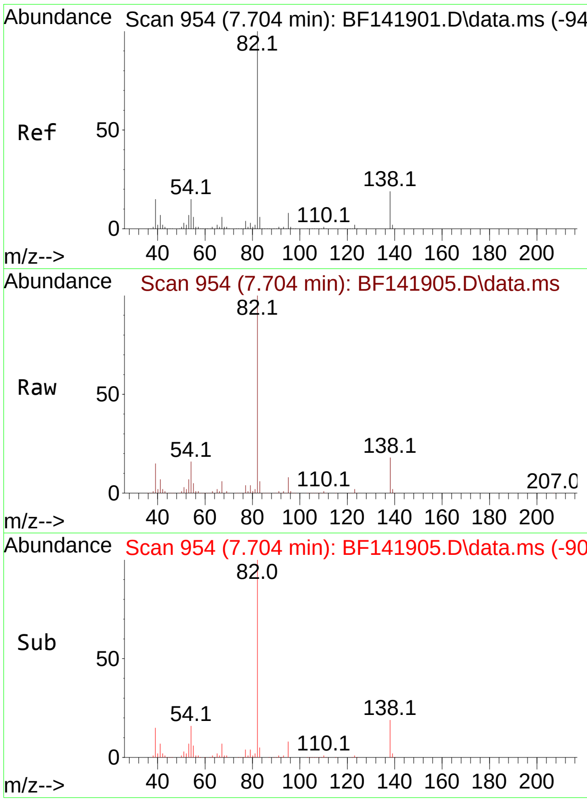
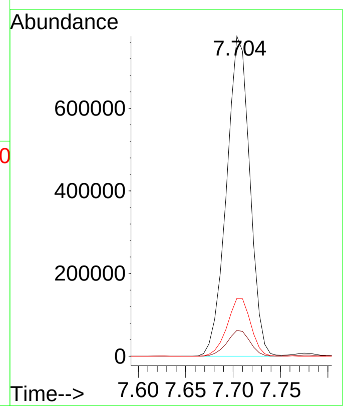
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

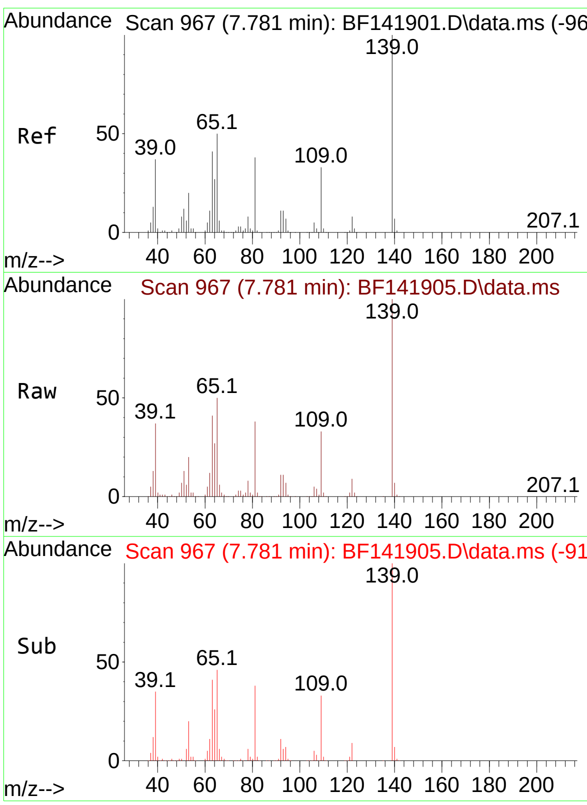


#25
Isophorone
Concen: 48.027 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 82 Resp: 1327254

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.4	9.6
138	18.1	14.9	22.3

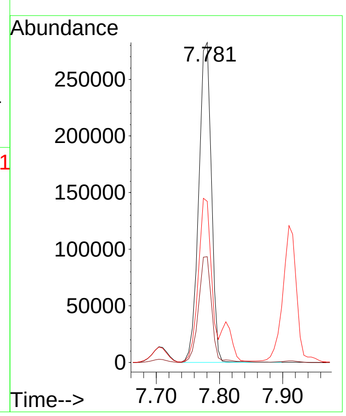




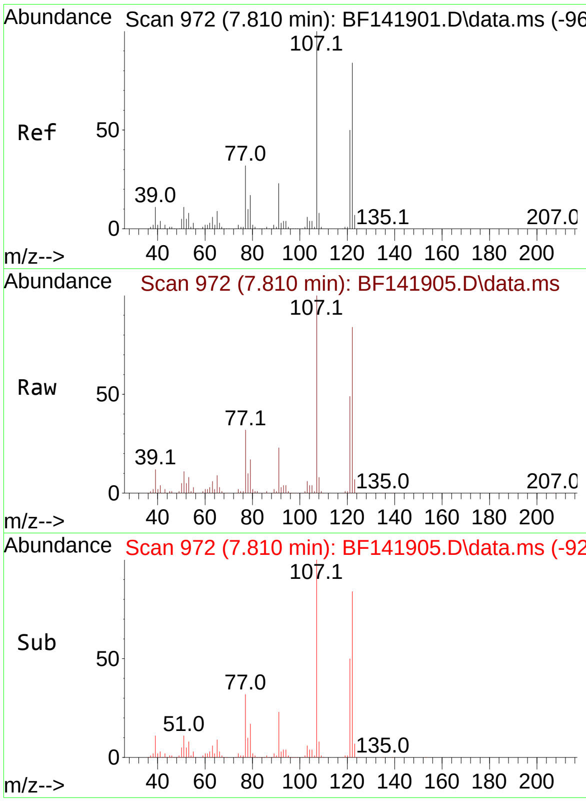
#26
2-Nitrophenol
Concen: 51.644 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:139 Resp: 392772

Ion	Ratio	Lower	Upper
139	100		
109	33.1	26.5	39.7
65	50.4	40.3	60.5



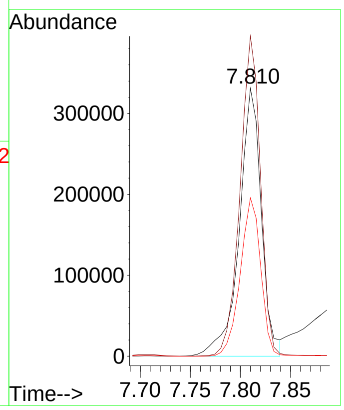
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

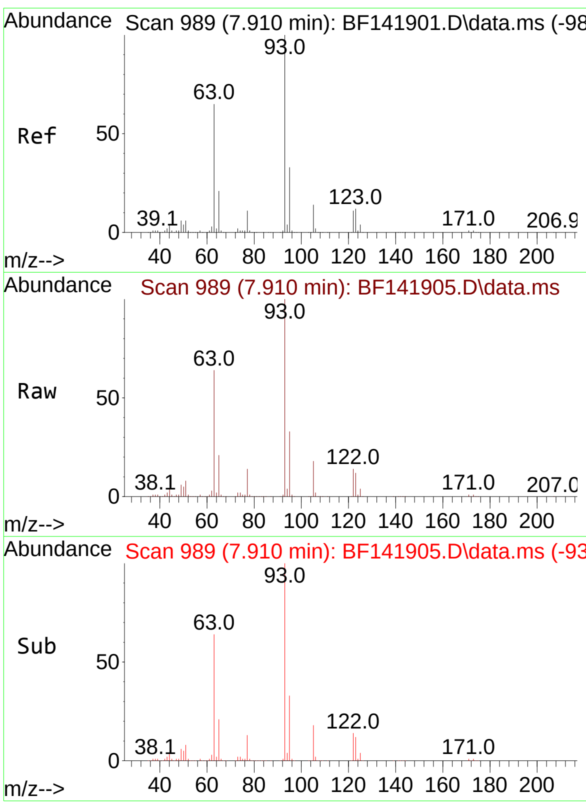


#27
2,4-Dimethylphenol
Concen: 48.725 ng
RT: 7.810 min Scan# 97
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:122 Resp: 510395

Ion	Ratio	Lower	Upper
122	100		
107	119.4	94.8	142.2
121	59.1	47.8	71.6

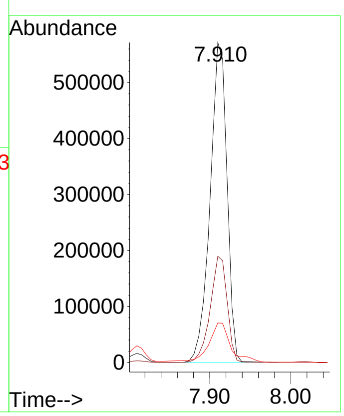


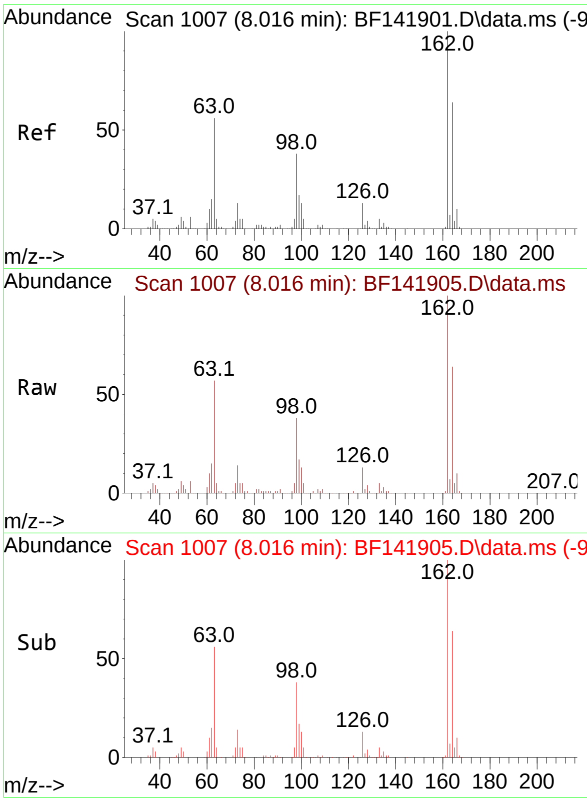


#28
bis(2-Chloroethoxy)methane
Concen: 47.757 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 93 Resp: 826776

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	12.4	10.2	15.4





#29
2,4-Dichlorophenol
Concen: 49.793 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

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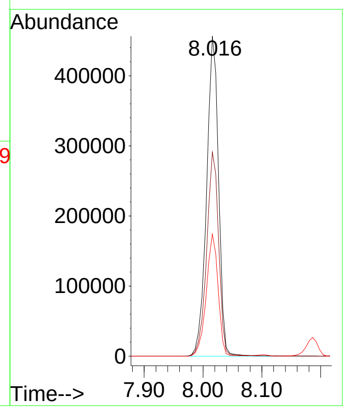
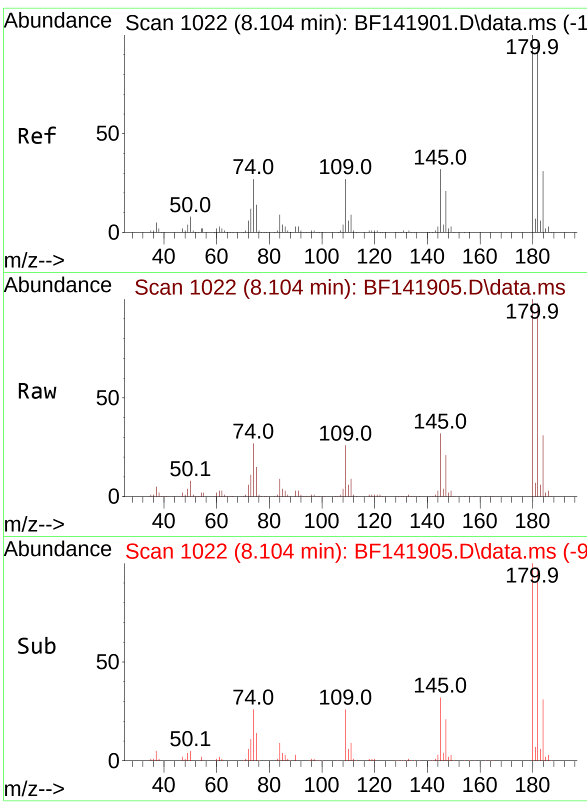
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 647319

Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.8	83.8
98	38.1	18.1	58.1

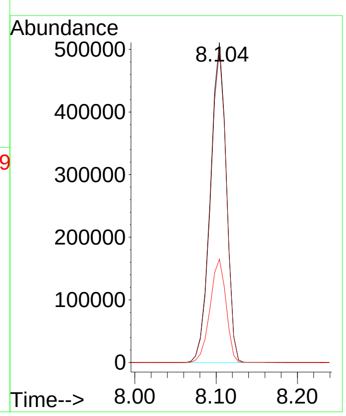




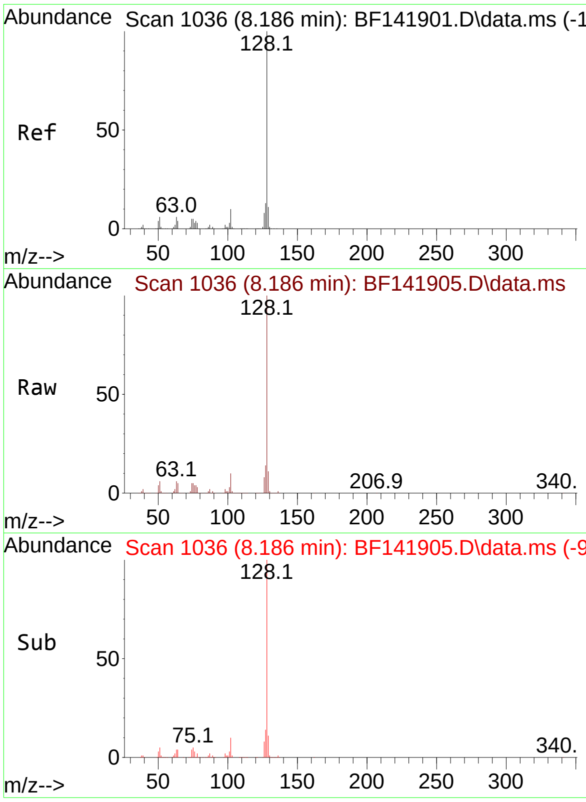
#30
1,2,4-Trichlorobenzene
Concen: 48.617 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:180 Resp: 697274

Ion	Ratio	Lower	Upper
180	100		
182	97.8	77.5	116.3
145	32.3	25.8	38.6



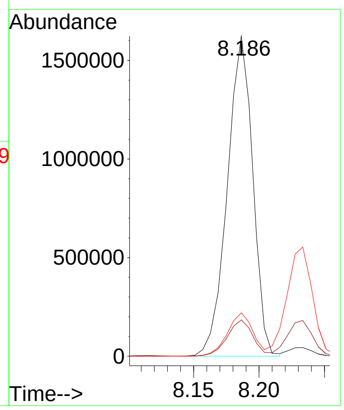
Instrument : BNA_F
ClientSampleId : SSTDICC050

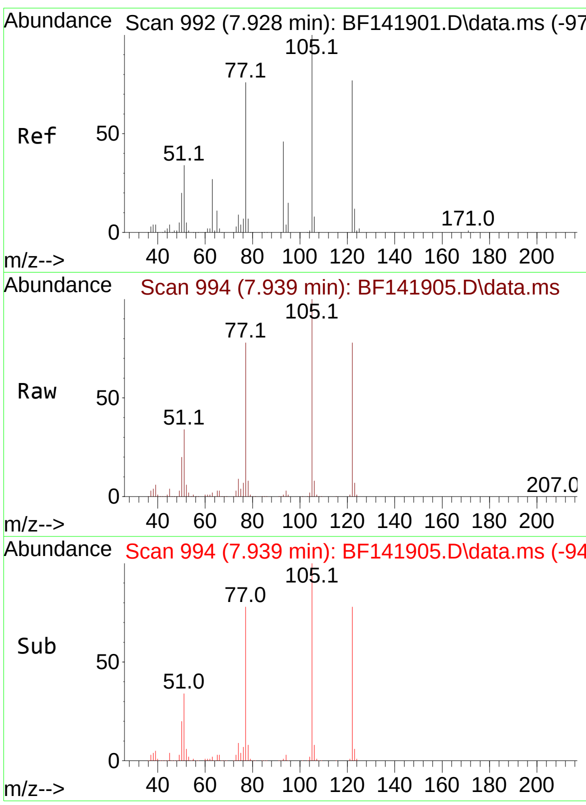


#31
Naphthalene
Concen: 48.863 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:128 Resp: 2196111

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.5	10.8	16.2

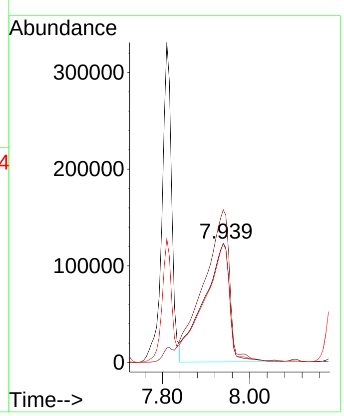




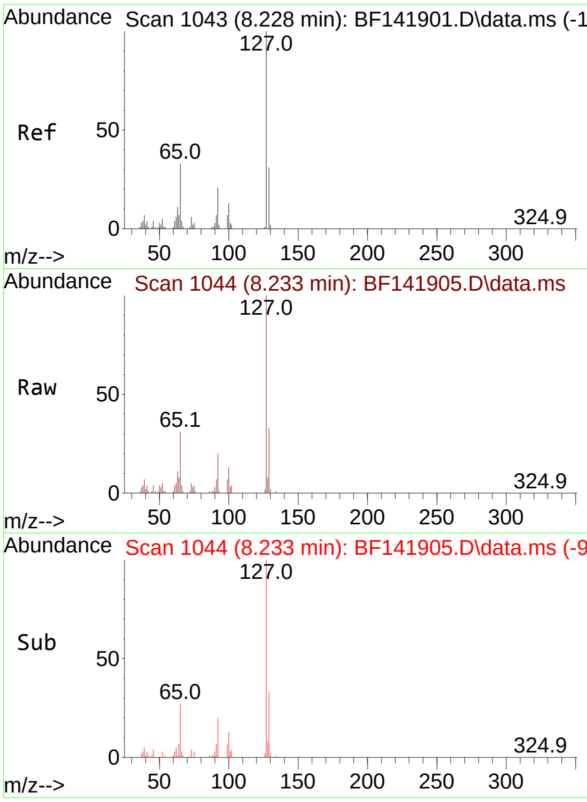
#32
Benzoic acid
Concen: 54.676 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.011 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:122 Resp: 500593

Ion	Ratio	Lower	Upper
122	100		
105	128.0	107.9	147.9
77	99.6	79.0	119.0



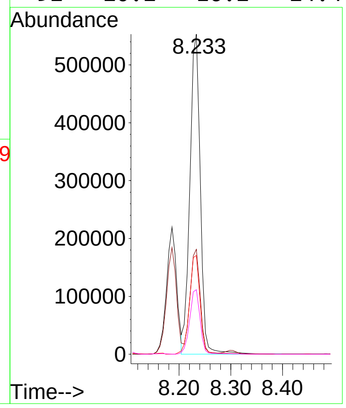
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

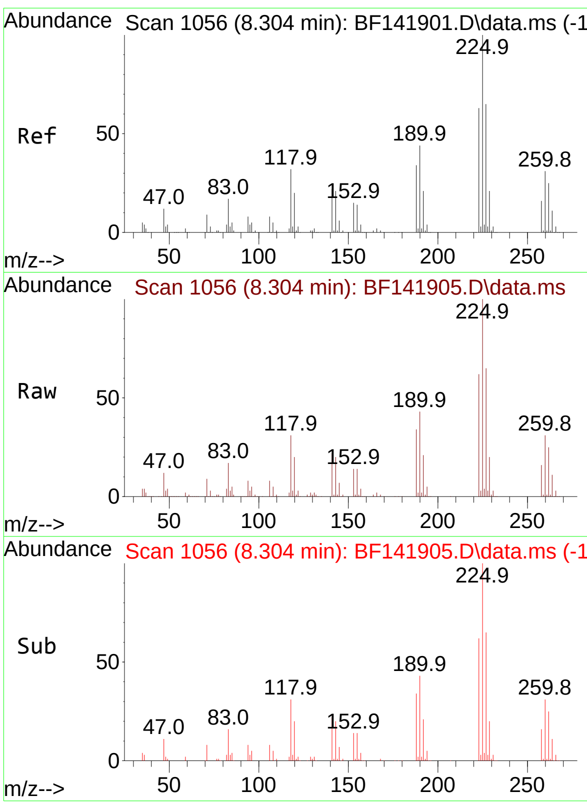


#33
4-Chloroaniline
Concen: 48.909 ng
RT: 8.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:127 Resp: 775699

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	30.9	25.4	38.2
92	20.2	16.2	24.4

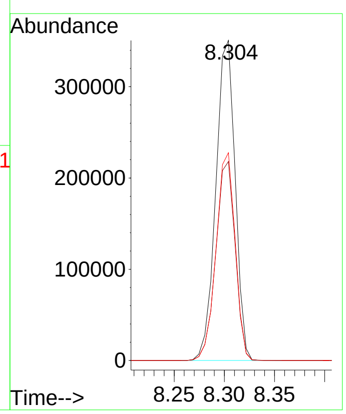




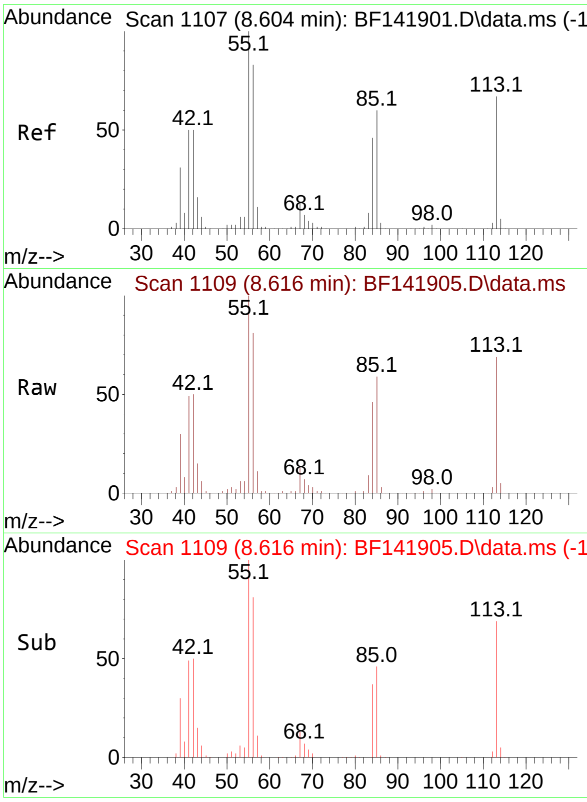
#34
Hexachlorobutadiene
Concen: 50.376 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:225 Resp: 469787

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	75.8
227	64.9	52.2	78.2



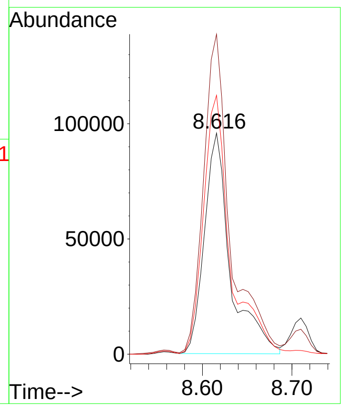
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

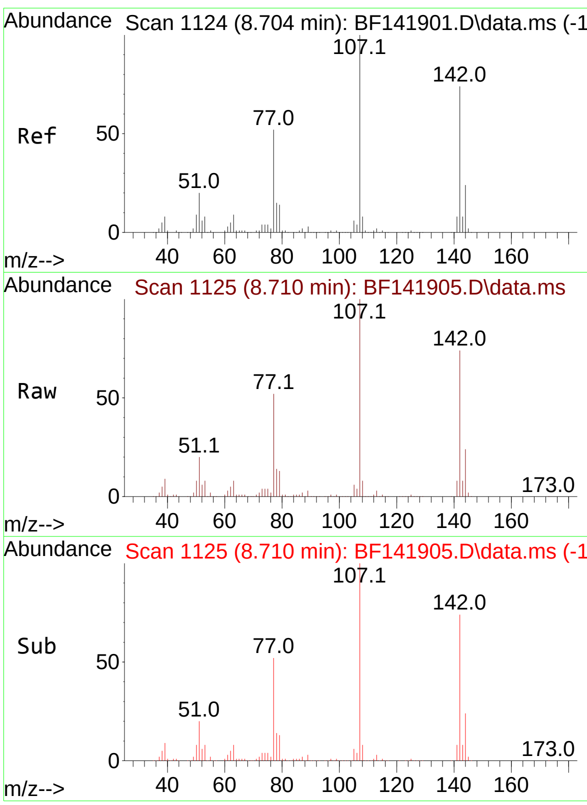


#35
Caprolactam
Concen: 48.891 ng
RT: 8.616 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:113 Resp: 193267

Ion	Ratio	Lower	Upper
113	100		
55	144.7	129.6	169.6
56	117.1	104.0	144.0

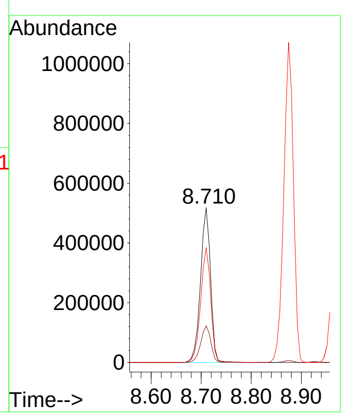




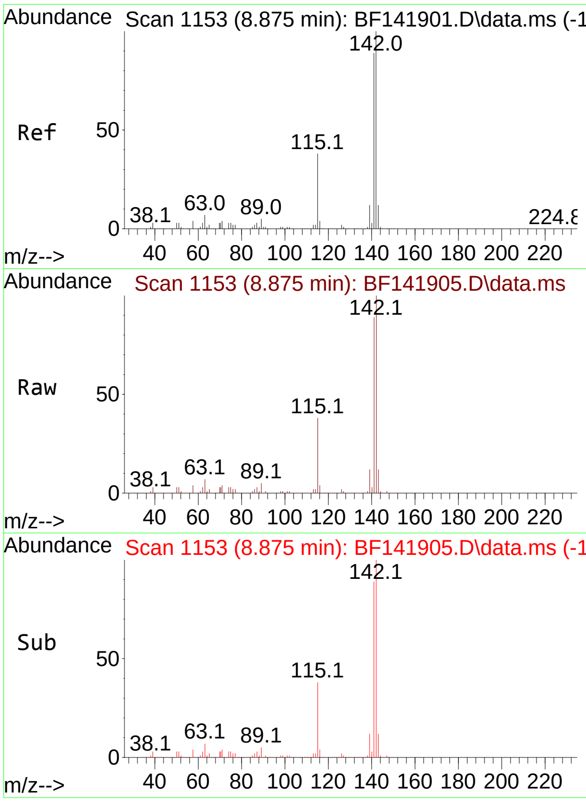
#36
4-Chloro-3-methylphenol
Concen: 49.925 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:107 Resp: 721800

Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.0	28.6
142	74.4	59.2	88.8



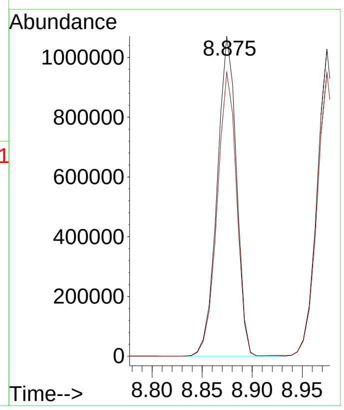
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

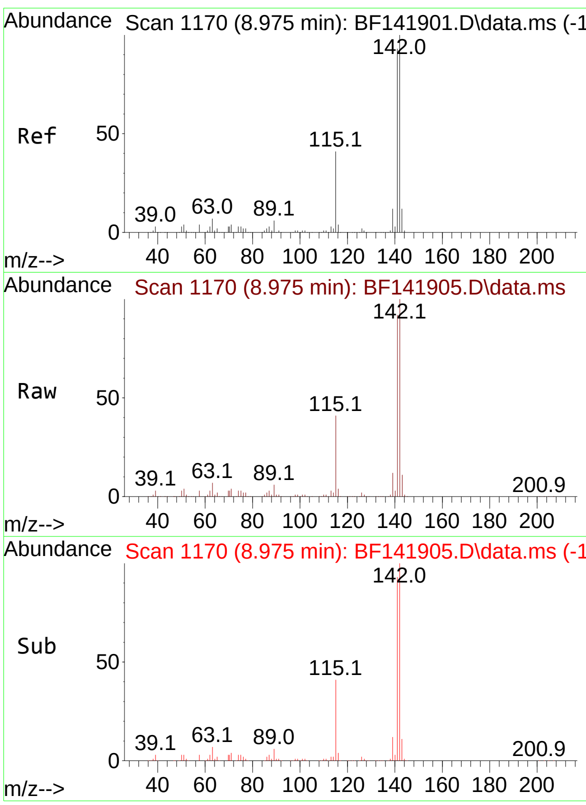


#37
2-Methylnaphthalene
Concen: 47.638 ng
RT: 8.875 min   Scan# 1
Delta R.T.   -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025   15:20

Tgt Ion:142 Resp: 1436485

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8

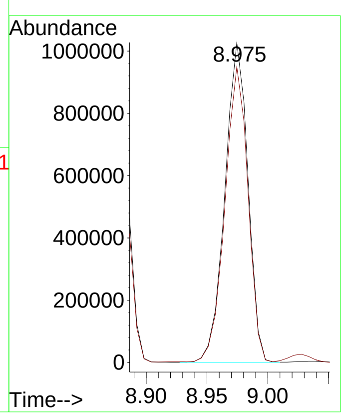




#38
1-Methylnaphthalene
Concen: 46.482 ng
RT: 8.975 min   Scan# 1170
Delta R.T.   -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025   15:20

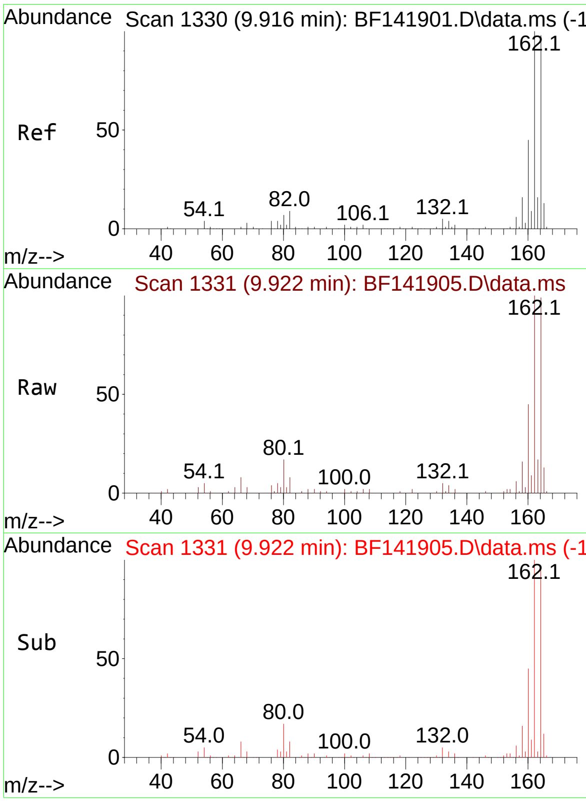
Tgt Ion:142 Resp: 1357356

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4



ICAL Form

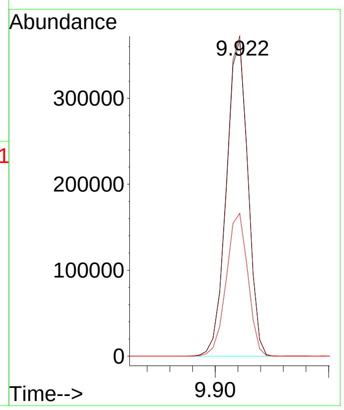
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

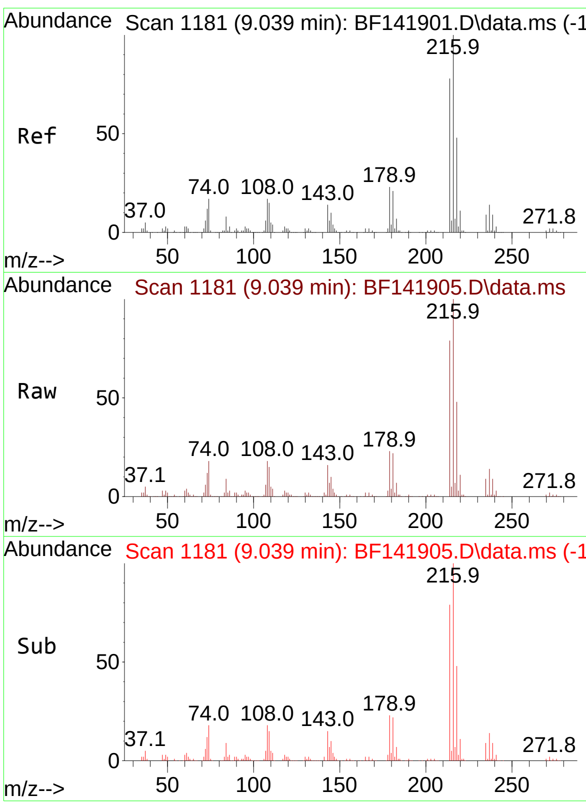


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min   Scan# 1
Delta R.T.   0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025   15:20

Tgt Ion:164 Resp: 481971

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.8	122.6
160	45.2	36.7	55.1

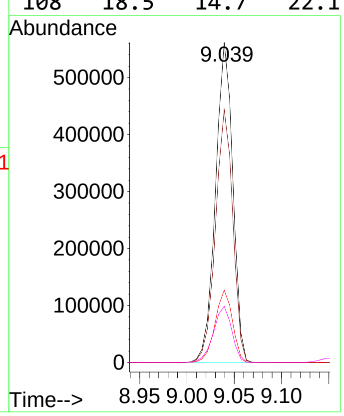




#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.955 ng
RT: 9.039 min   Scan# 1181
Delta R.T.   0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025   15:20

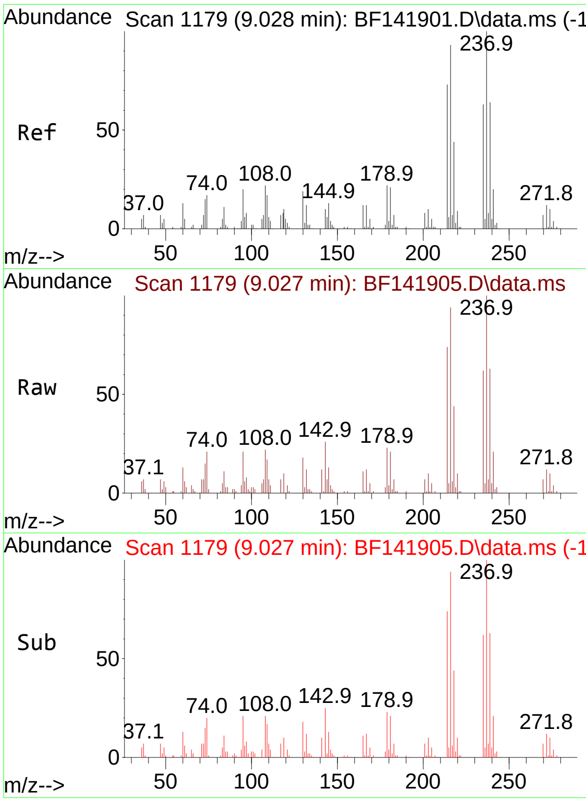
Tgt Ion:216 Resp: 719431

Ion	Ratio	Lower	Upper
216	100		
214	78.9	61.9	92.9
179	22.7	18.1	27.1
108	18.5	14.7	22.1



ICAL Form

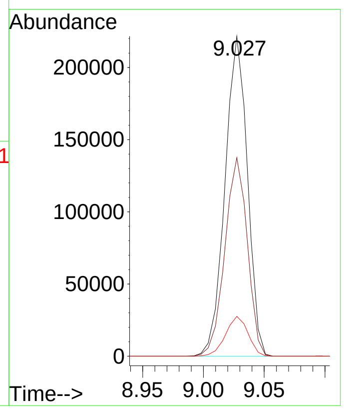
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

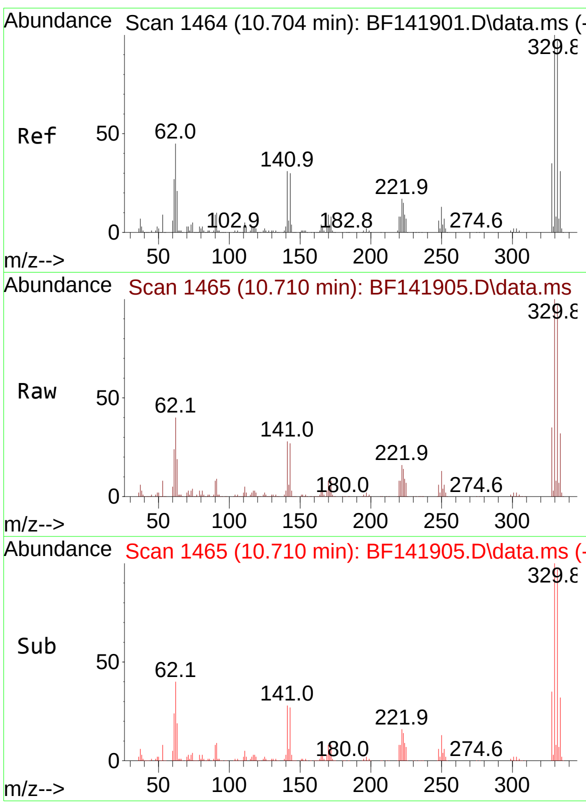


#41
Hexachlorocyclopentadiene
Concen: 49.142 ng
RT: 9.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:237 Resp: 284968

Ion	Ratio	Lower	Upper
237	100		
235	62.1	43.1	83.1
272	12.4	0.0	32.0

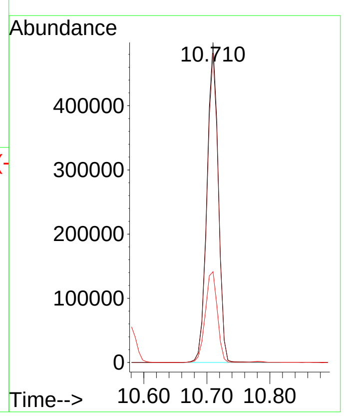




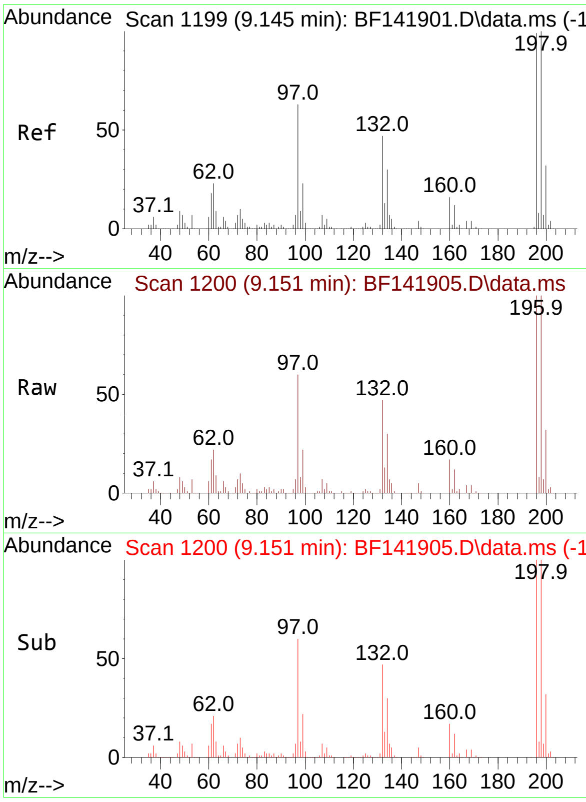
#42
2,4,6-Tribromophenol
Concen: 102.342 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:330 Resp: 625035

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	30.1	24.7	37.1



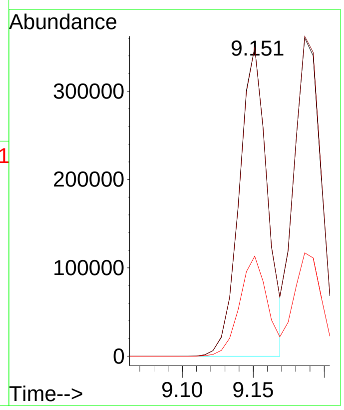
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

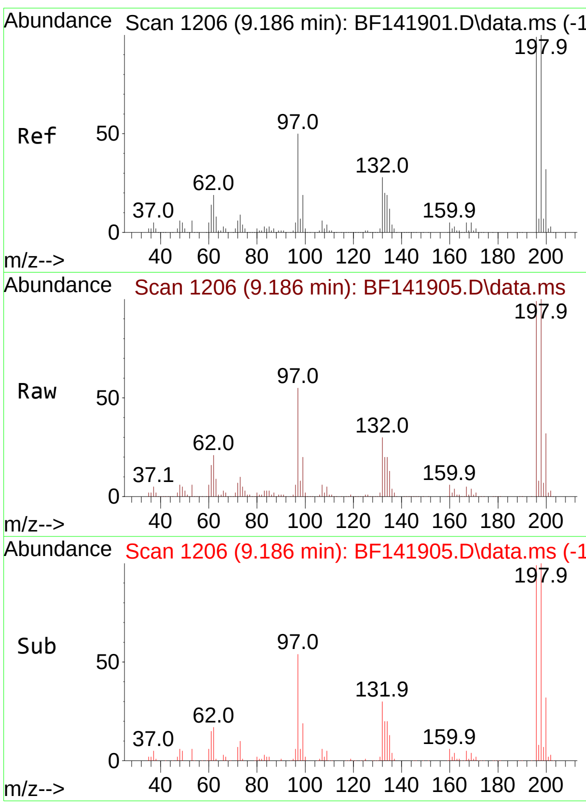


#43
2,4,6-Trichlorophenol
Concen: 50.291 ng
RT: 9.151 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:196 Resp: 481782

Ion	Ratio	Lower	Upper
196	100		
198	99.9	80.6	121.0
200	32.3	25.8	38.6

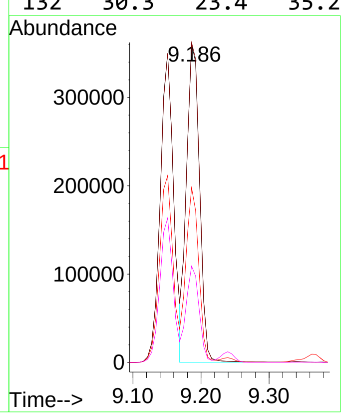




#44
2,4,5-Trichlorophenol
Concen: 49.580 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:196 Resp: 482570

Ion	Ratio	Lower	Upper
196	100		
198	100.5	80.7	121.1
97	54.9	42.1	63.1
132	30.3	23.4	35.2



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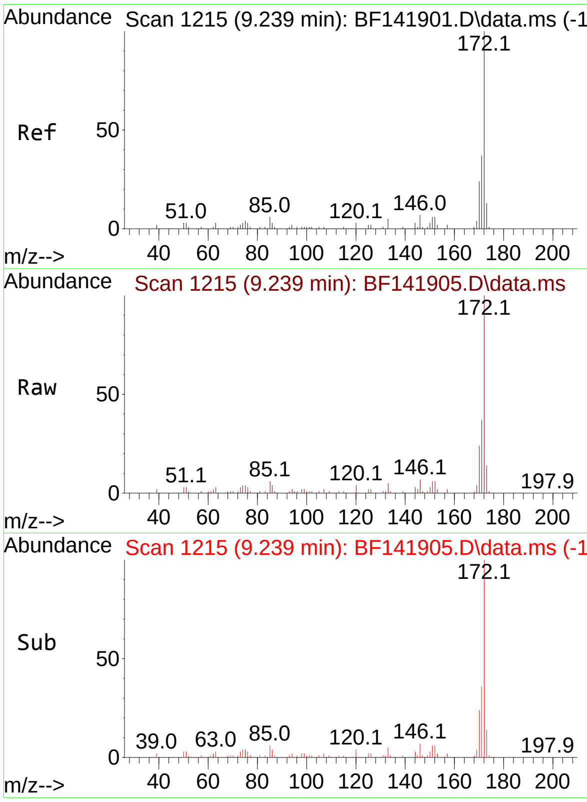
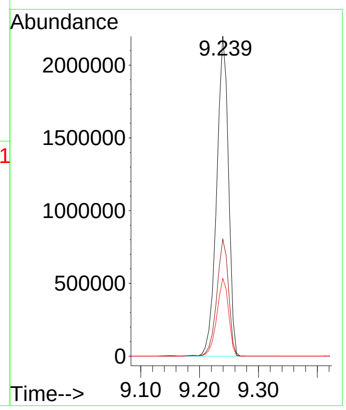


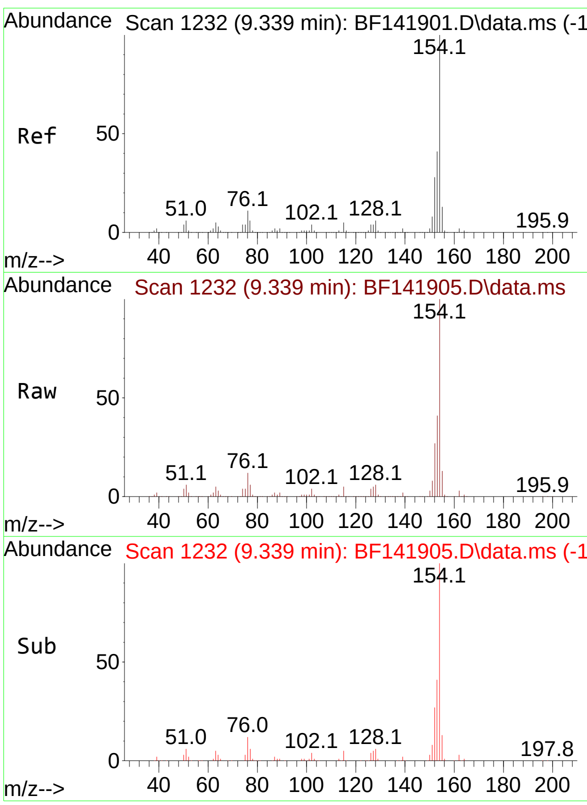
#45
2-Fluorobiphenyl
Concen: 96.836 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 3064989

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	24.3	19.4	29.0

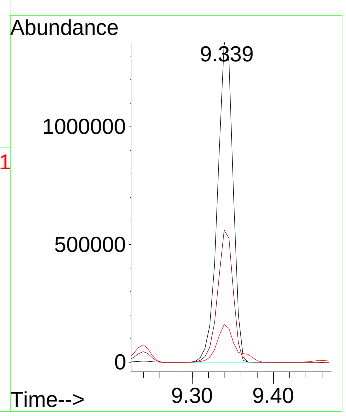




#46
1,1'-Biphenyl
Concen: 49.526 ng
RT: 9.339 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

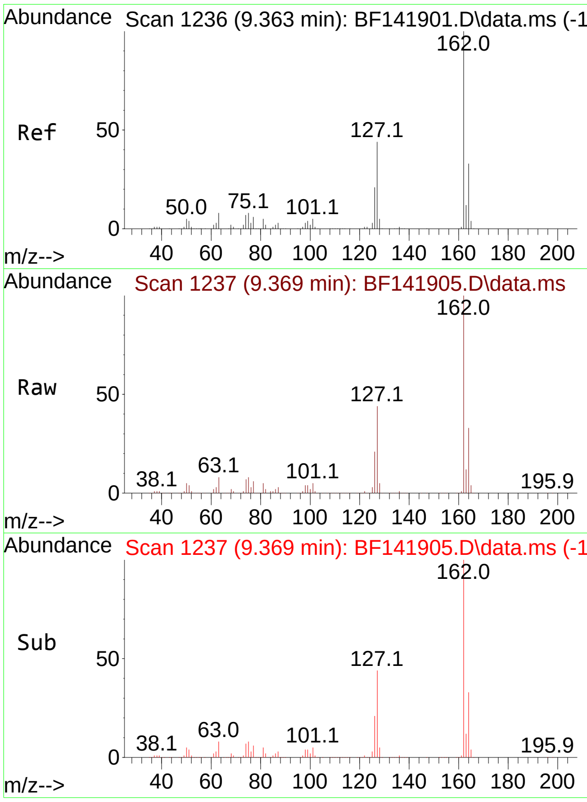
Tgt Ion:154 Resp: 1809746

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.1	61.1
76	11.8	0.0	31.3



ICAL Form

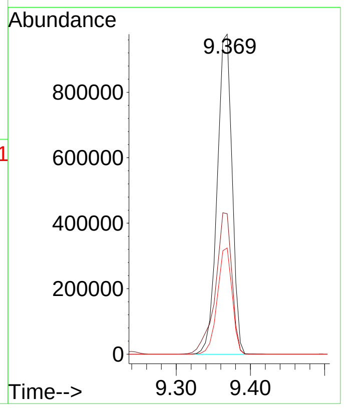
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

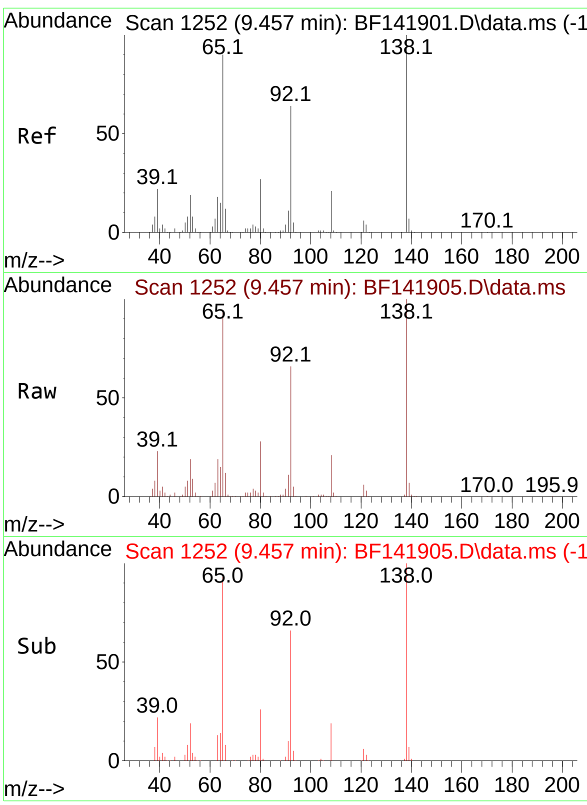


#47
2-Chloronaphthalene
Concen: 49.960 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:162 Resp: 1360528

Ion	Ratio	Lower	Upper
162	100		
127	43.9	35.5	53.3
164	33.2	26.6	40.0

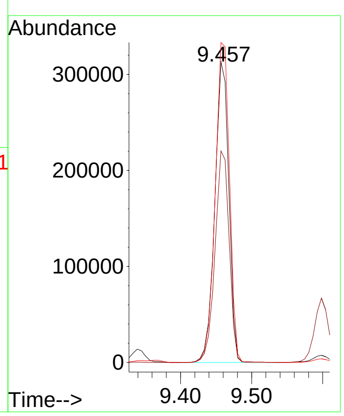




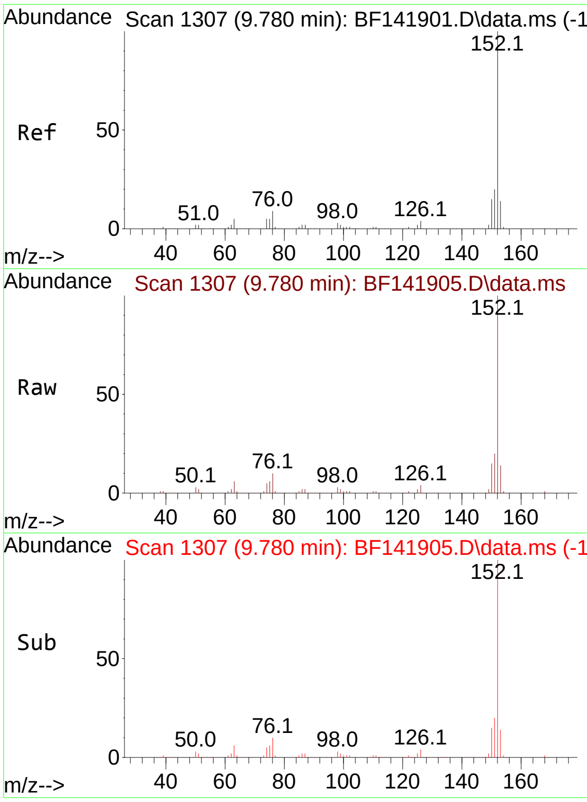
#48
2-Nitroaniline
Concen: 54.854 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 65 Resp: 429111

Ion	Ratio	Lower	Upper
65	100		
92	70.4	56.6	84.8
138	106.4	88.6	133.0



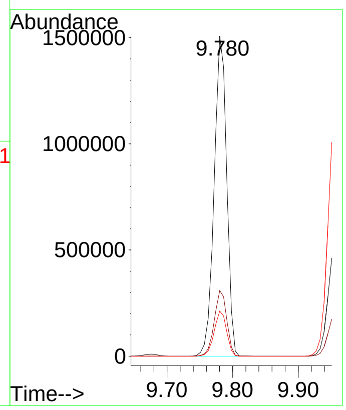
Instrument : BNA_F
ClientSampleId : SSTDICC050

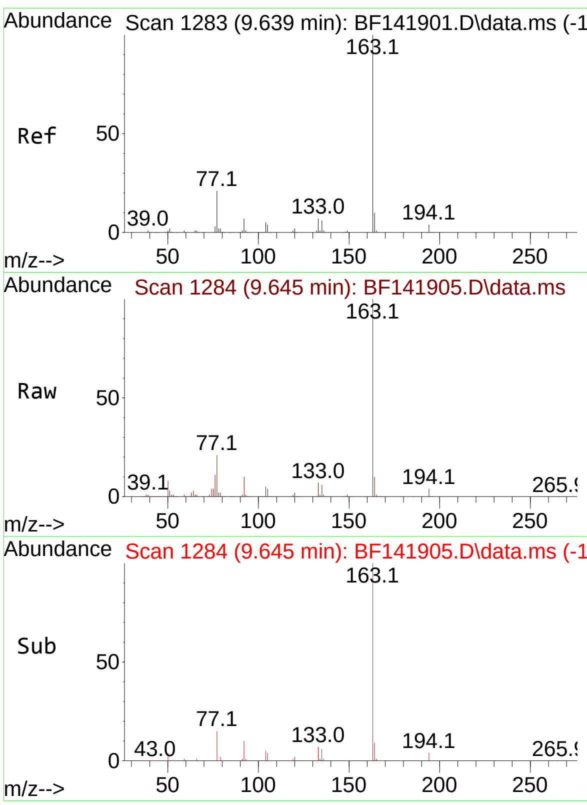


#49
Acenaphthylene
Concen: 49.674 ng
RT: 9.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:152 Resp: 2005538

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	14.1	11.1	16.7

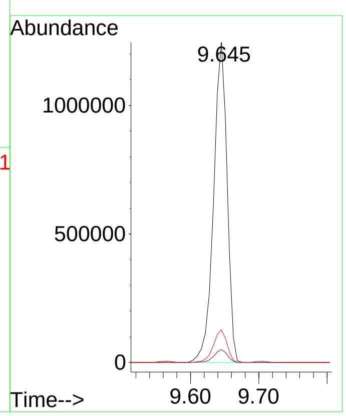




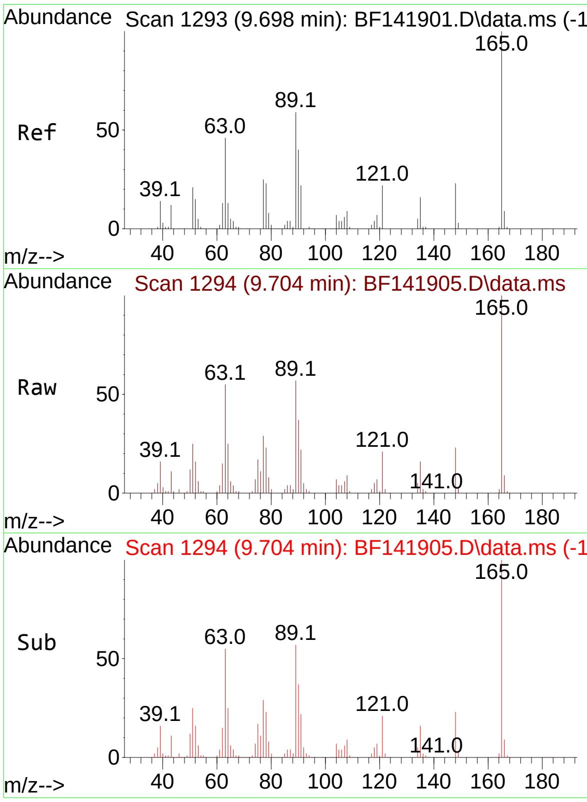
#50
Dimethylphthalate
Concen: 51.273 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:163 Resp: 1716995

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.2	8.2	12.4



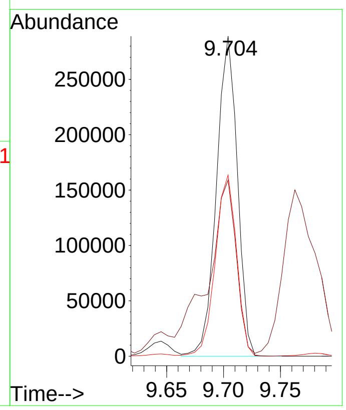
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

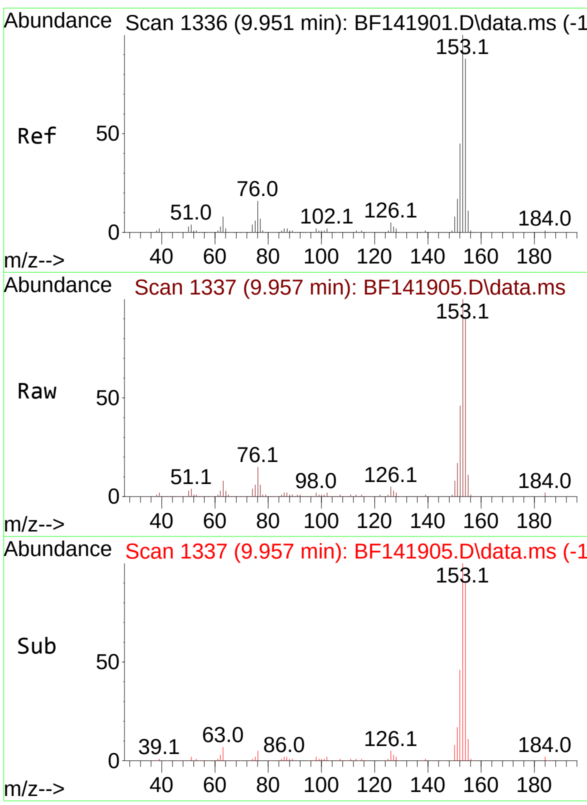


#51
2,6-Dinitrotoluene
Concen: 53.184 ng
RT: 9.704 min   Scan# 1
Delta R.T.   0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025   15:20

Tgt Ion:165 Resp: 370368

Ion	Ratio	Lower	Upper
165	100		
63	55.0	47.0	70.4
89	56.6	47.4	71.2

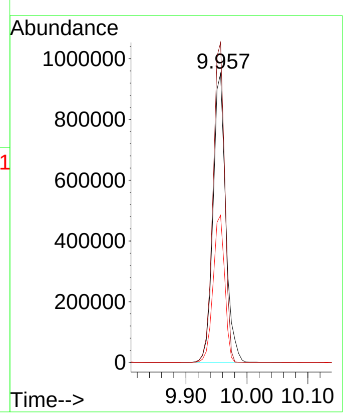




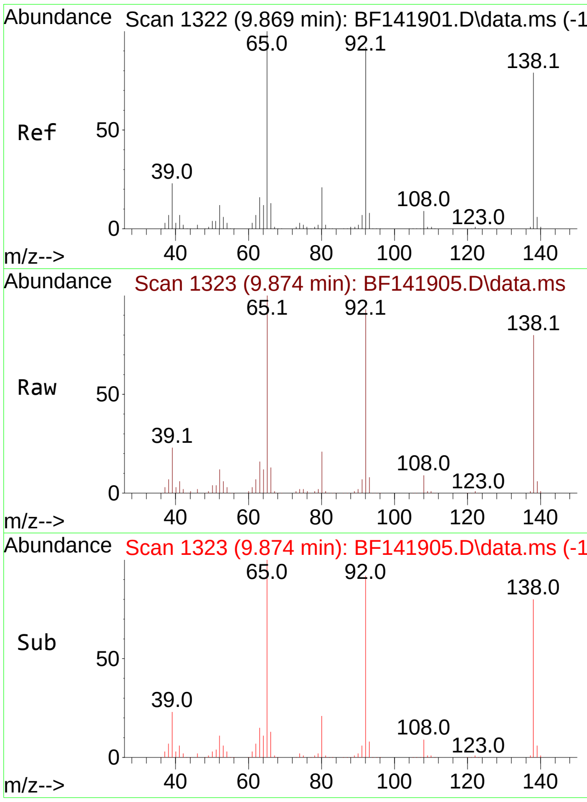
#52
Acenaphthene
Concen: 48.333 ng
RT: 9.957 min   Scan# 1337
Delta R.T.   0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025   15:20

Tgt Ion:154 Resp: 1377901

Ion	Ratio	Lower	Upper
154	100		
153	110.7	90.7	136.1
152	51.0	41.1	61.7



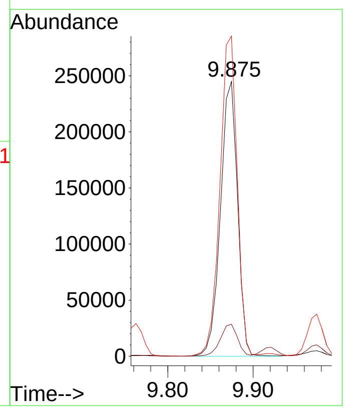
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

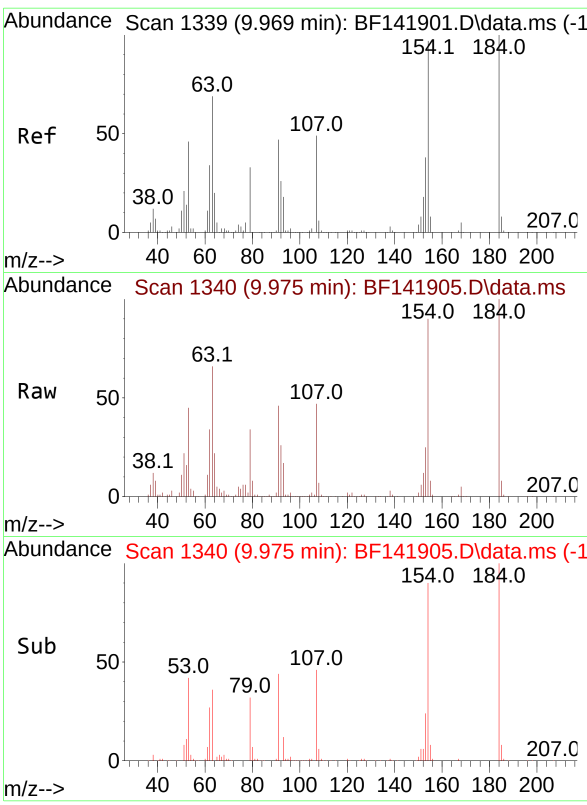


#53
3-Nitroaniline
Concen: 47.638 ng
RT: 9.874 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:138 Resp: 340633

Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.3	13.9
92	116.5	93.5	140.3

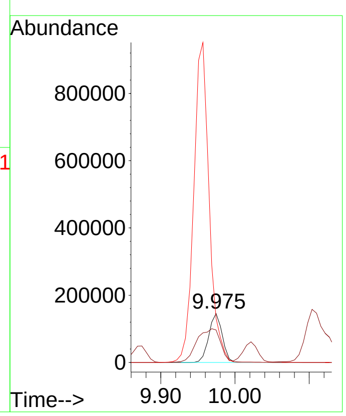




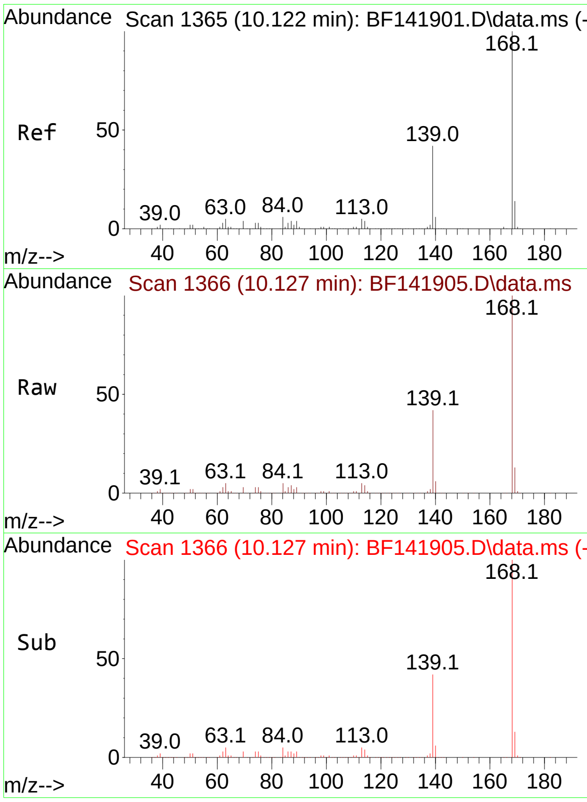
#54
2,4-Dinitrophenol
Concen: 49.104 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:184 Resp: 184410

Ion	Ratio	Lower	Upper
184	100		
63	66.3	60.2	90.4
154	90.1	132.9	199.3#



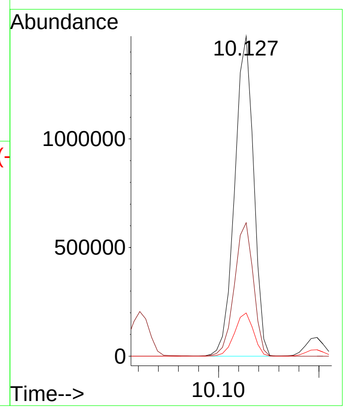
Instrument : BNA_F
ClientSampleId : SSTDICC050

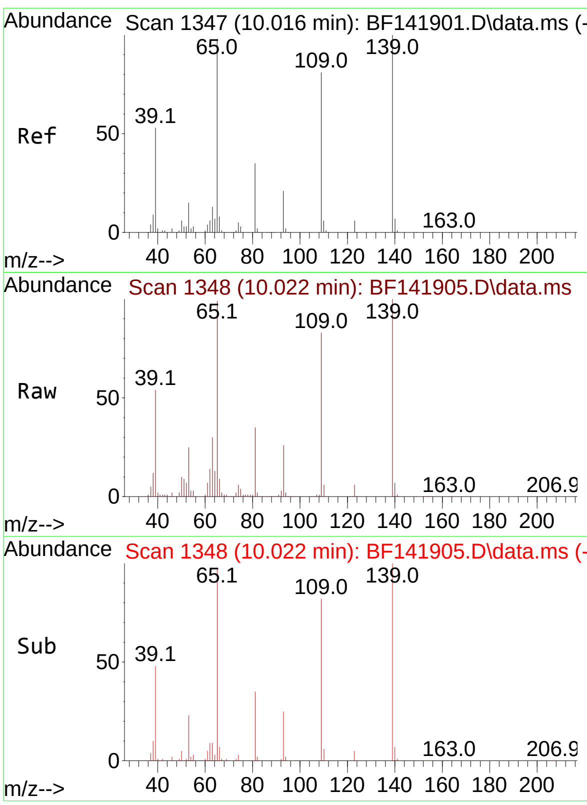


#55
Dibenzofuran
Concen: 47.647 ng
RT: 10.127 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:168 Resp: 1936780

Ion	Ratio	Lower	Upper
168	100		
139	41.7	33.9	50.9
169	13.5	11.0	16.4

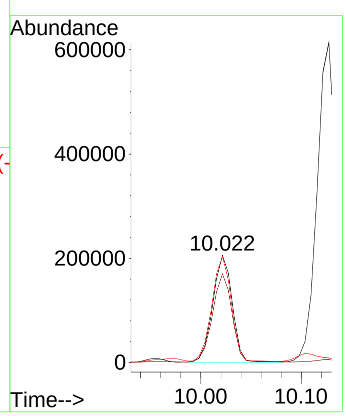




#56
4-Nitrophenol
Concen: 51.474 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:139 Resp: 276487

Ion	Ratio	Lower	Upper
139	100		
109	82.6	61.6	101.6
65	99.1	79.4	119.4



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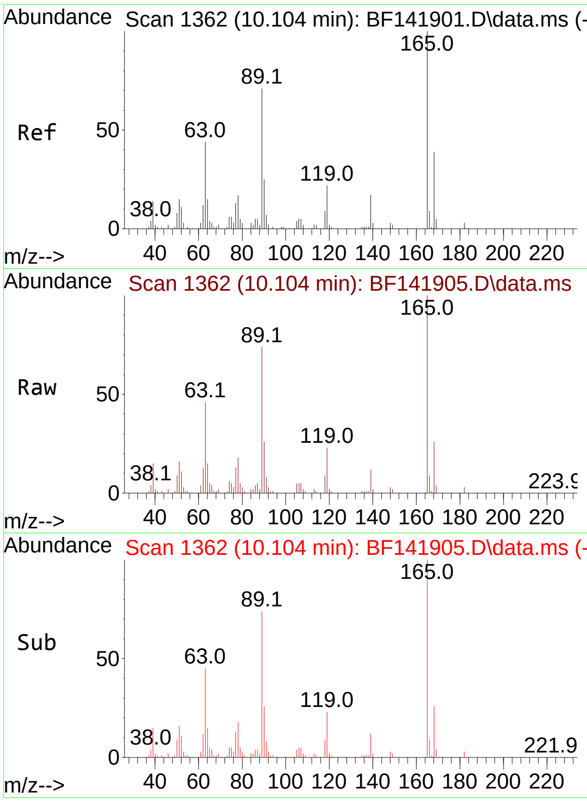
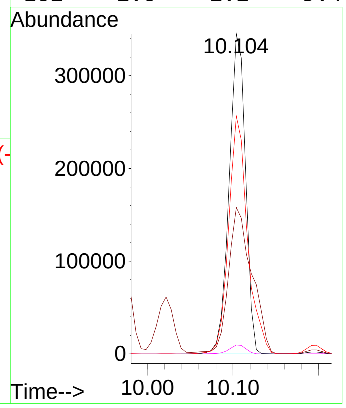
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

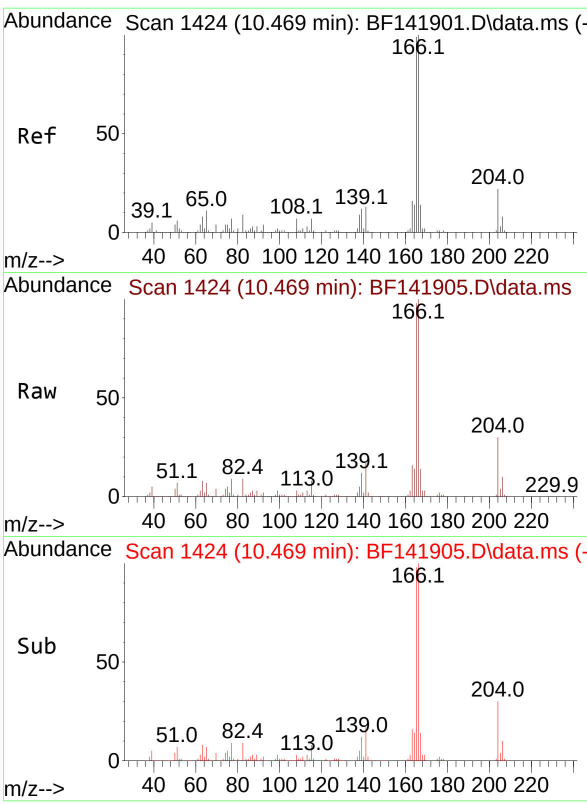


#57
2,4-Dinitrotoluene
Concen: 50.321 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:165 Resp: 461276

Ion	Ratio	Lower	Upper
165	100		
63	45.8	35.4	53.2
89	74.3	56.6	84.8
182	2.8	2.2	3.4

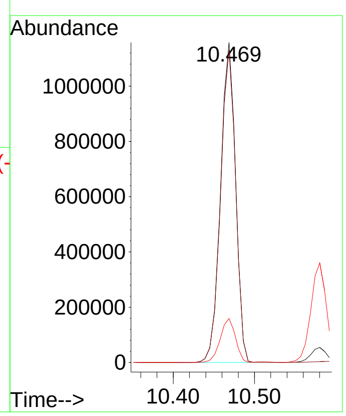




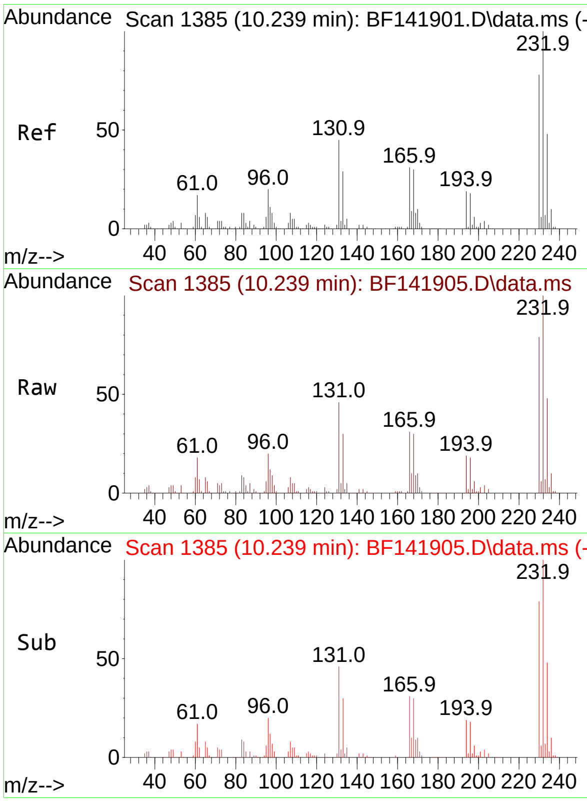
#58
Fluorene
Concen: 47.708 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:166 Resp: 1497123

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.0	118.4
167	13.7	11.0	16.4



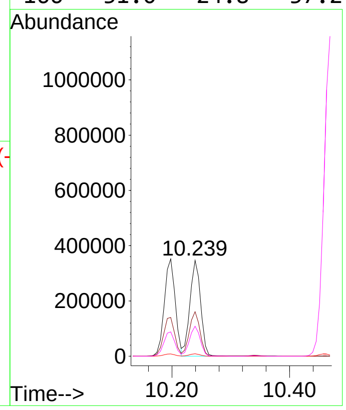
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

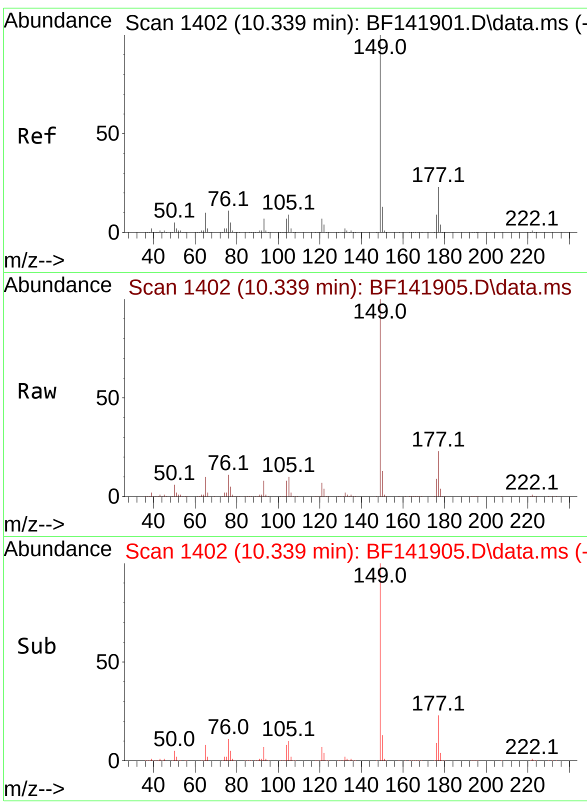


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.600 ng
RT: 10.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:232 Resp: 438025

Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.3	55.9
130	2.4	1.9	2.9
166	31.0	24.8	37.2

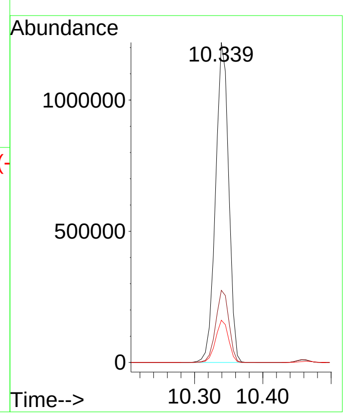




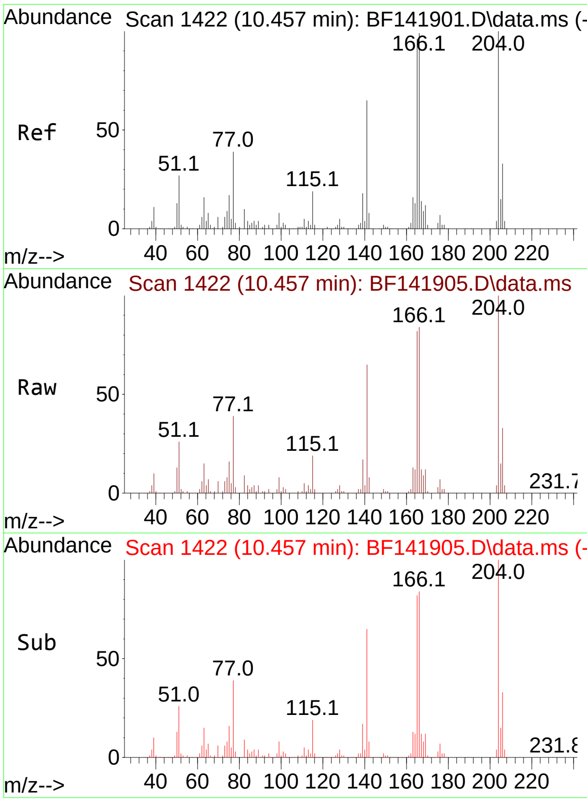
#60
Diethylphthalate
Concen: 48.639 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:149 Resp: 1635073

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.0	27.0
150	13.2	10.2	15.4



ICAL Form

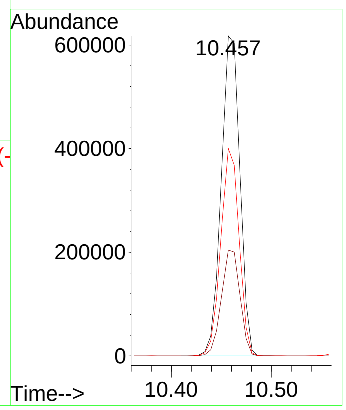


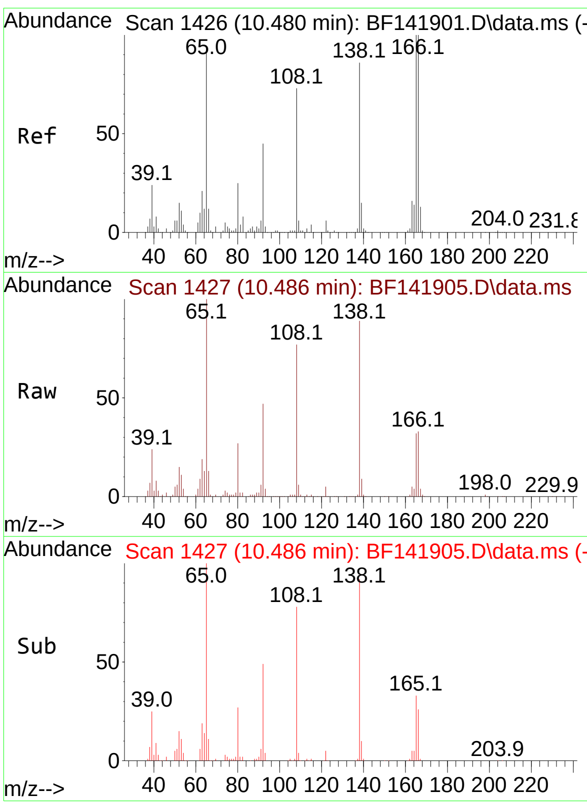
#61
4-Chlorophenyl-phenylether
Concen: 48.929 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 799744

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.8	40.2
141	64.8	52.4	78.6

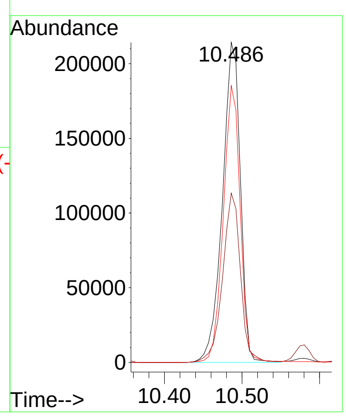




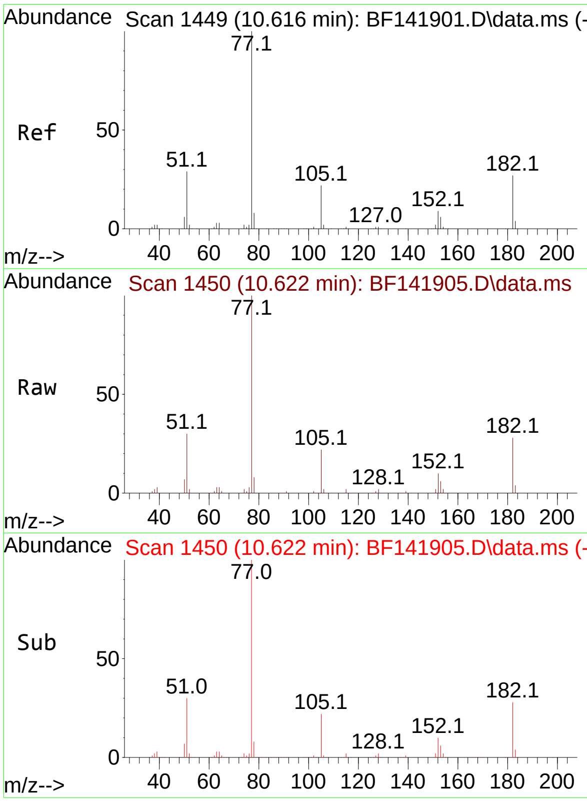
#62
4-Nitroaniline
Concen: 49.990 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:138 Resp: 346378

Ion	Ratio	Lower	Upper
138	100		
92	52.9	32.6	72.6
108	86.4	65.0	105.0



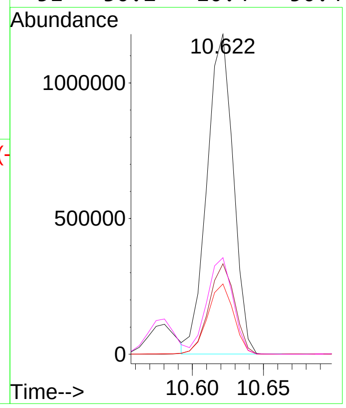
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

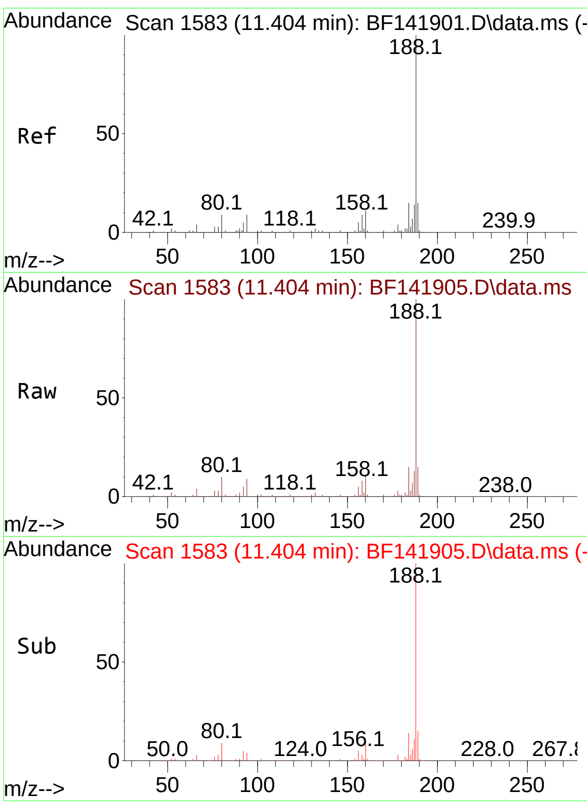


#63
Azobenzene
Concen: 48.653 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 77 Resp: 1519356

Ion	Ratio	Lower	Upper
77	100		
182	28.3	6.6	46.6
105	22.0	1.3	41.3
51	30.2	10.4	50.4

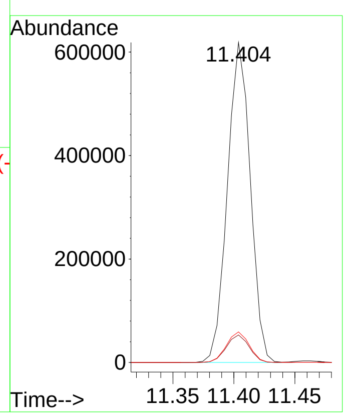




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

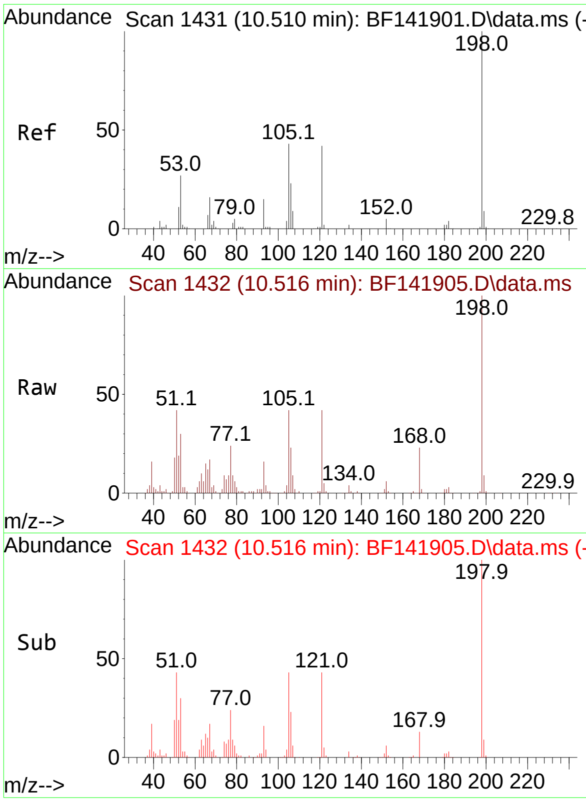
Tgt Ion:188 Resp: 811142

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	9.6	7.6	11.4



ICAL Form

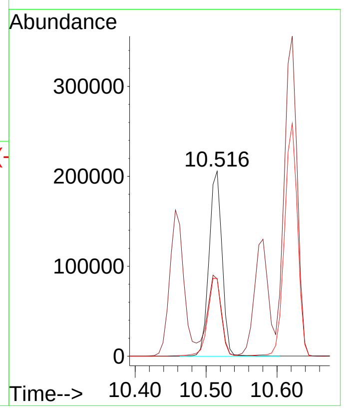
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

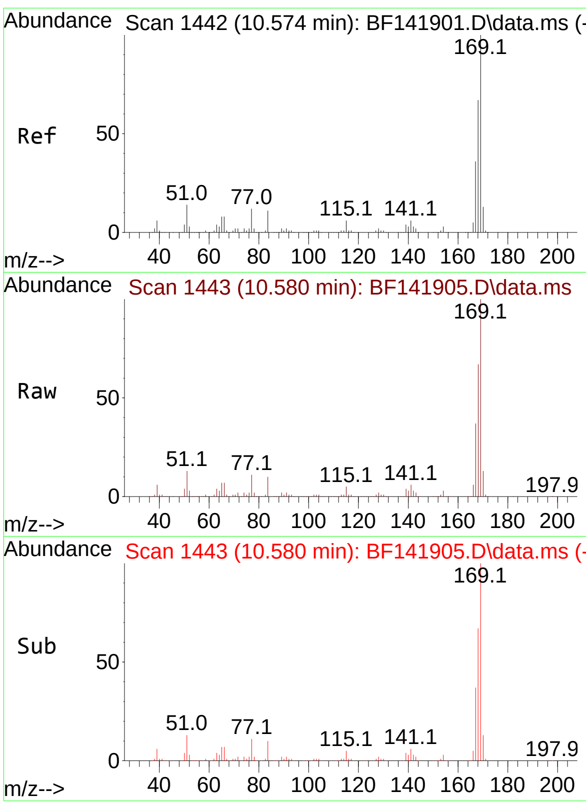


#65
4,6-Dinitro-2-methylphenol
Concen: 54.673 ng
RT: 10.516 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:198 Resp: 262910

Ion	Ratio	Lower	Upper
198	100		
51	41.7	22.3	62.3
105	42.0	23.0	63.0

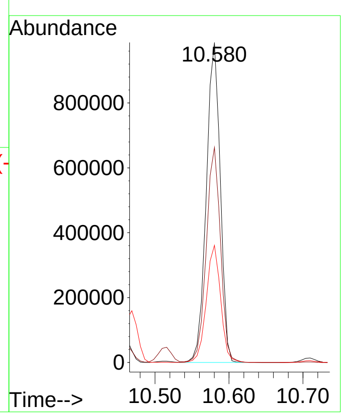




#66
n-Nitrosodiphenylamine
Concen: 49.373 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

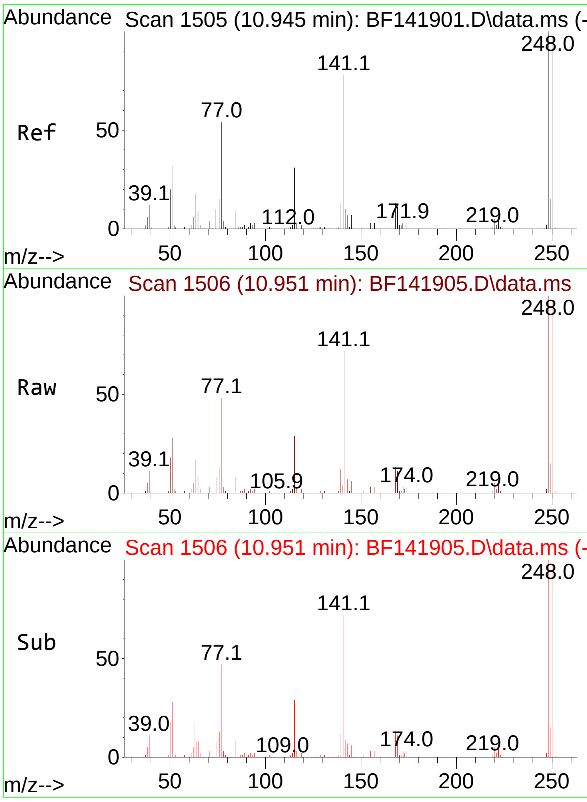
Tgt Ion:169 Resp: 1293745

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.7	80.5
167	36.6	29.2	43.8



ICAL Form

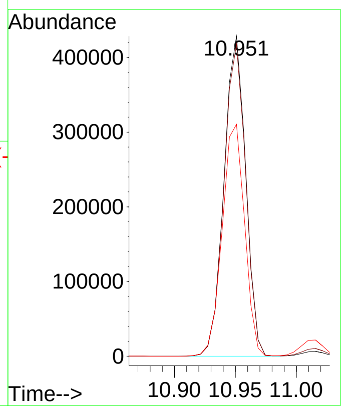
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

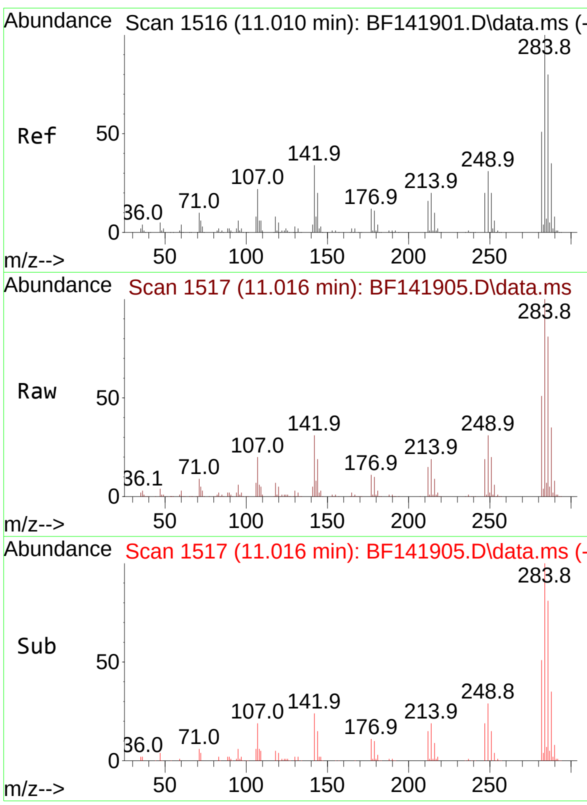


#67
4-Bromophenyl-phenylether
Concen: 52.740 ng
RT: 10.951 min Scan# 1!
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:248 Resp: 532762

Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.8	116.8
141	72.5	62.6	93.8

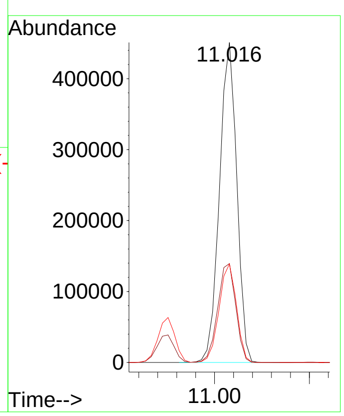




#68
Hexachlorobenzene
Concen: 51.359 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

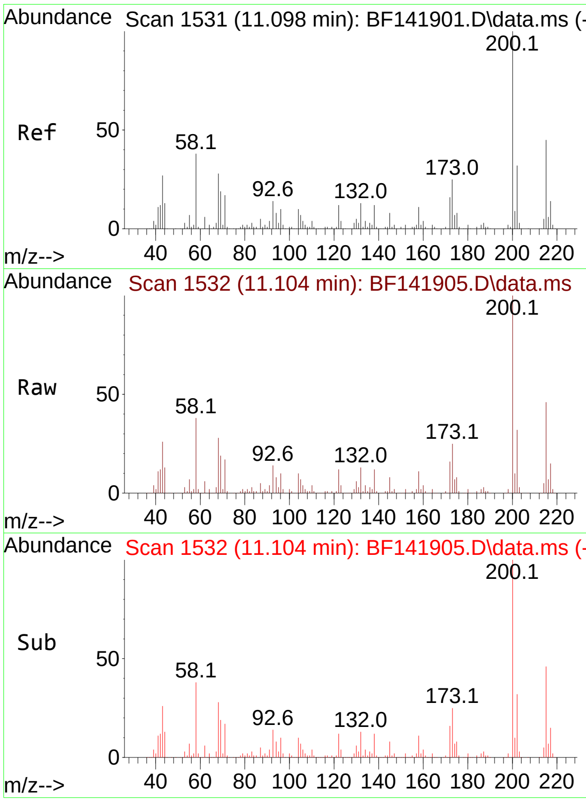
Tgt Ion:284 Resp: 573467

Ion	Ratio	Lower	Upper
284	100		
142	30.9	27.0	40.6
249	30.8	25.2	37.8



ICAL Form

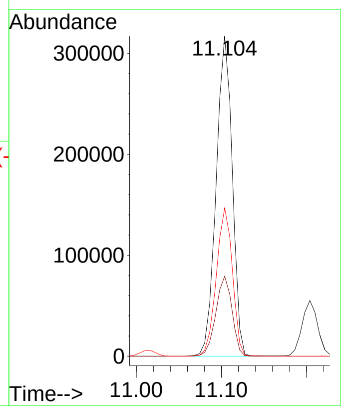
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

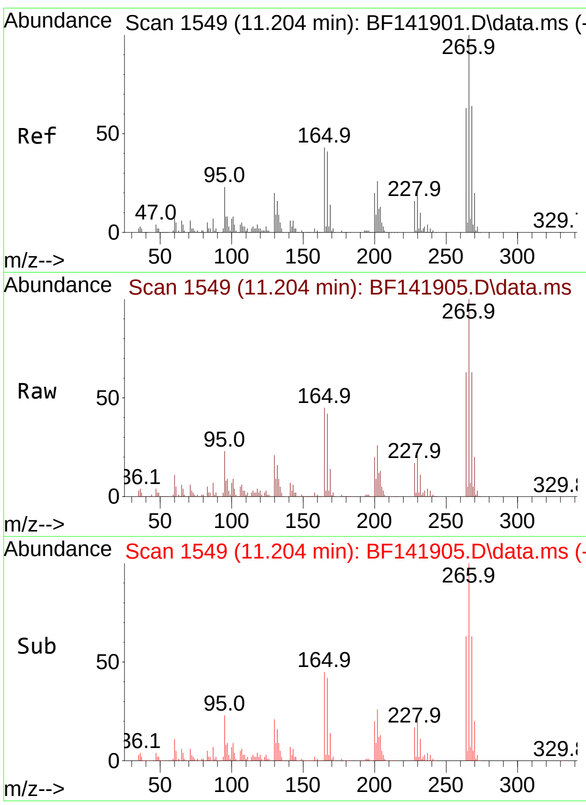


#69
Atrazine
Concen: 65.441 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:200 Resp: 418147

Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.7	44.7
215	46.3	25.4	65.4

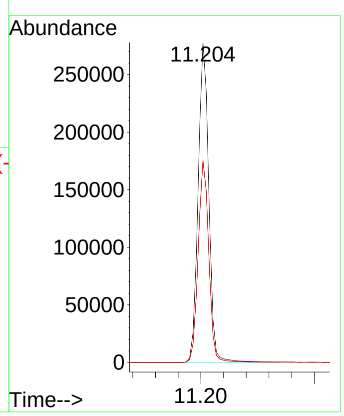


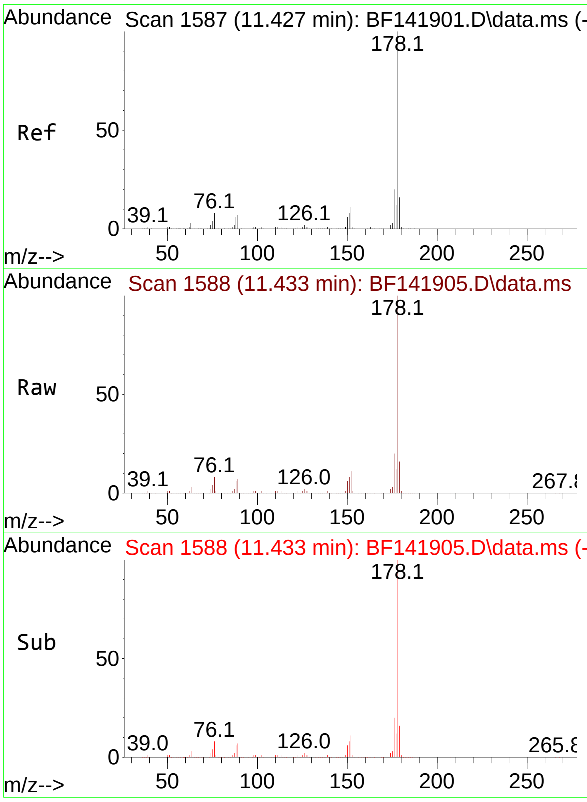


#70
Pentachlorophenol
Concen: 53.050 ng
RT: 11.204 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:266 Resp: 365292

Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.0	76.6
264	63.3	50.2	75.2





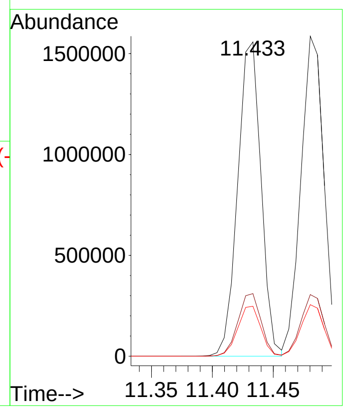
#71
Phenanthrene
Concen: 47.434 ng
RT: 11.433 min Scan# 1

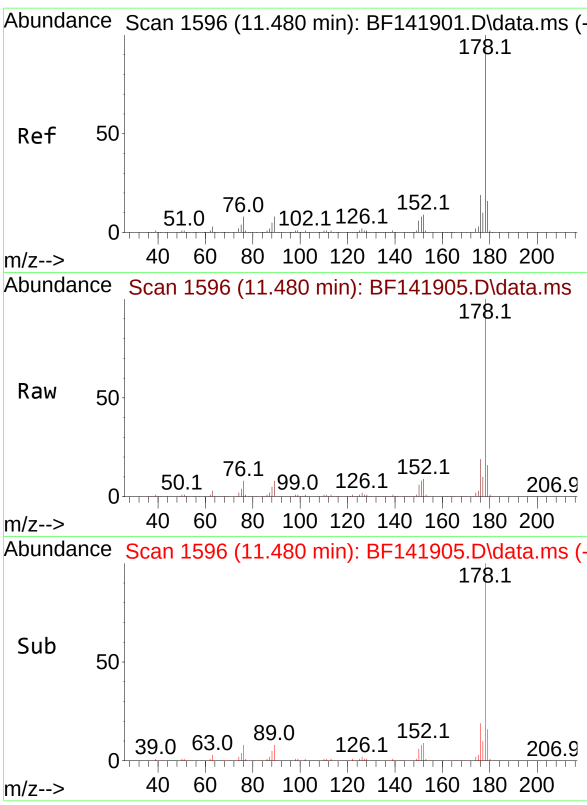
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:178 Resp: 2080633

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.9	12.6	19.0

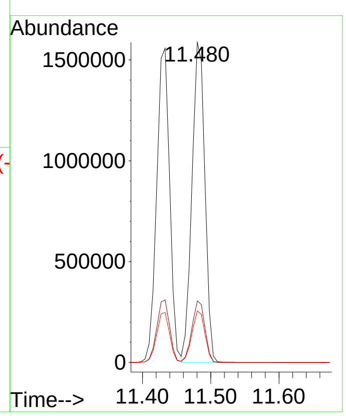




#72
Anthracene
Concen: 47.299 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

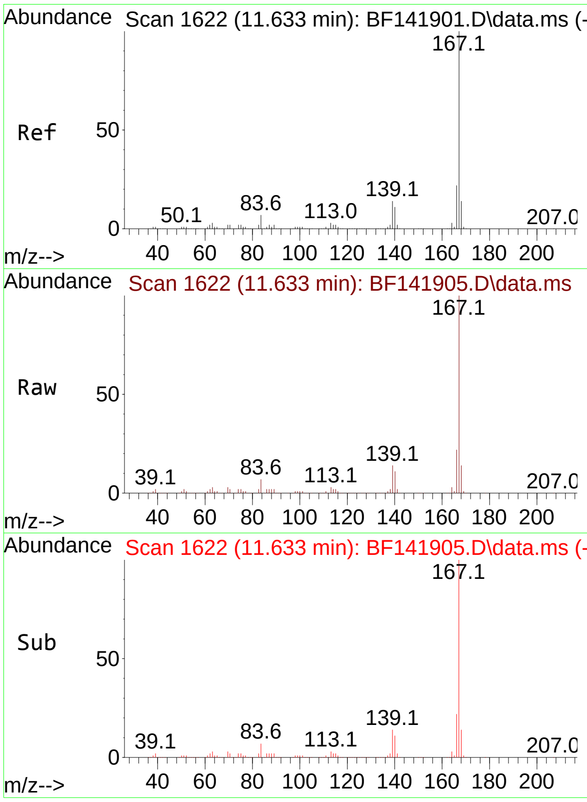
Tgt Ion:178 Resp: 2081490

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	16.1	12.6	19.0



ICAL Form

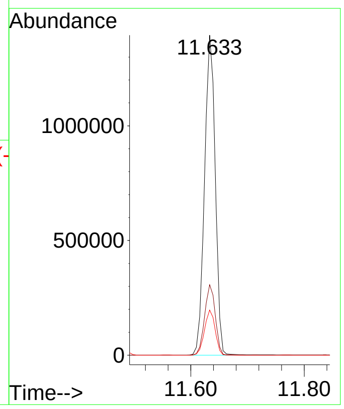
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

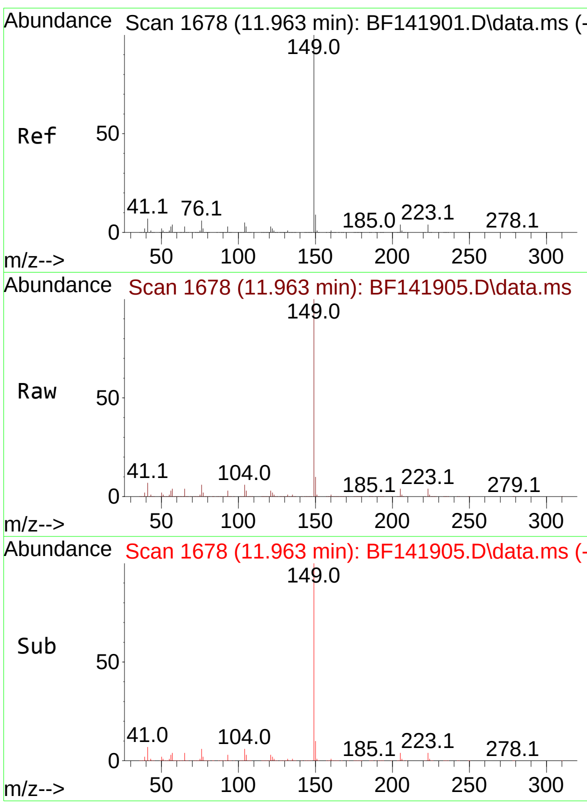


#73
Carbazole
Concen: 48.338 ng
RT: 11.633 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:167 Resp: 1831424

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.2
139	14.1	11.0	16.6

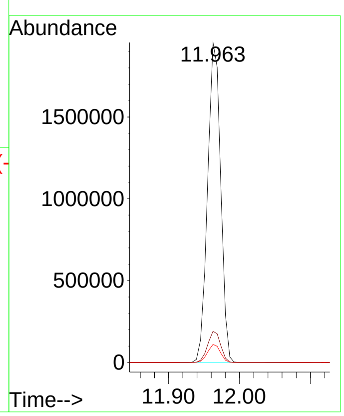


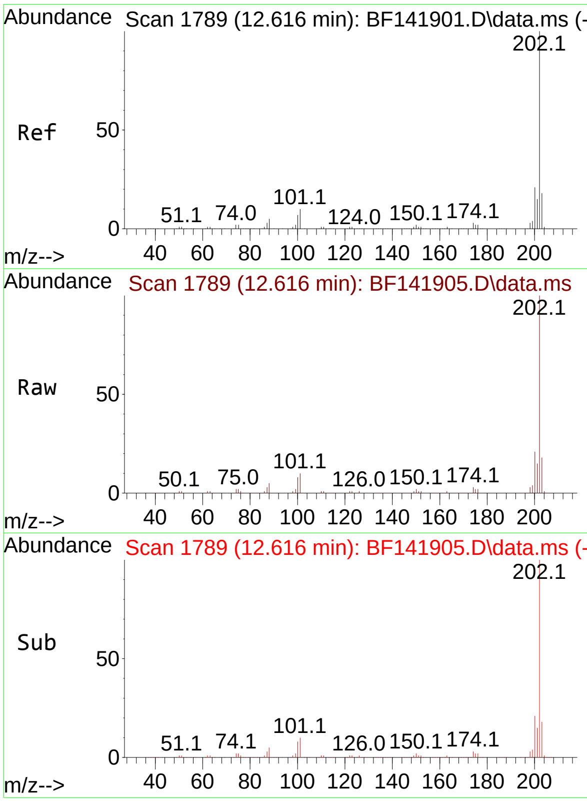


#74
Di-n-butylphthalate
Concen: 50.185 ng
RT: 11.963 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:149 Resp: 2510447

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	5.6	4.4	6.6



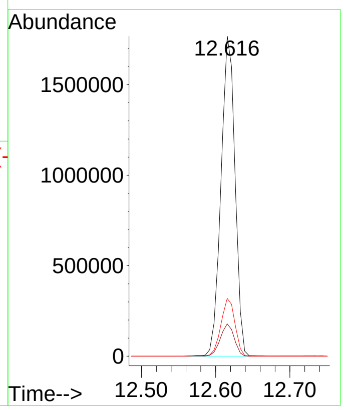


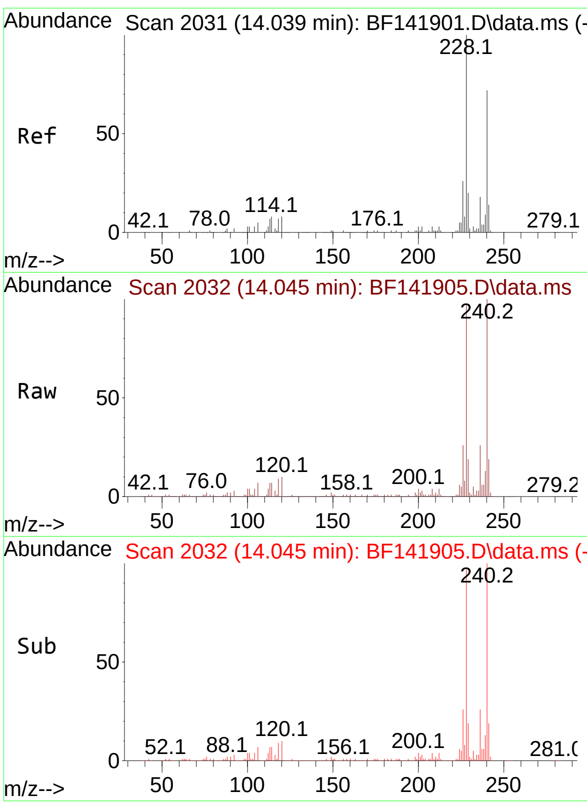
#75
Fluoranthene
Concen: 50.564 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 2328357

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.7
203	18.1	0.0	37.8

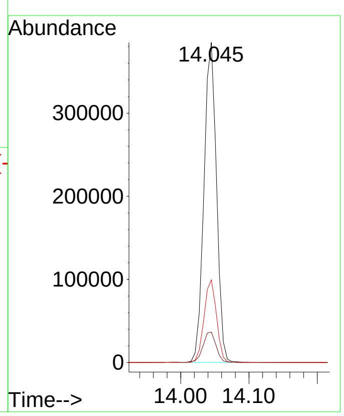




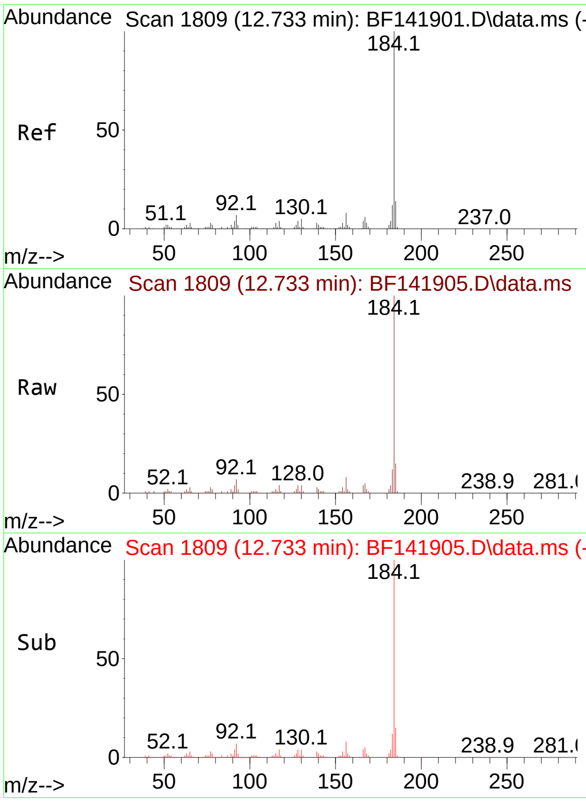
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:240 Resp: 491943

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	25.8	20.5	30.7



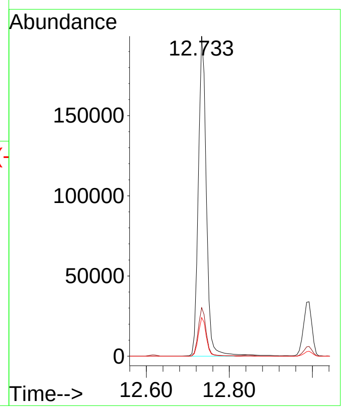
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

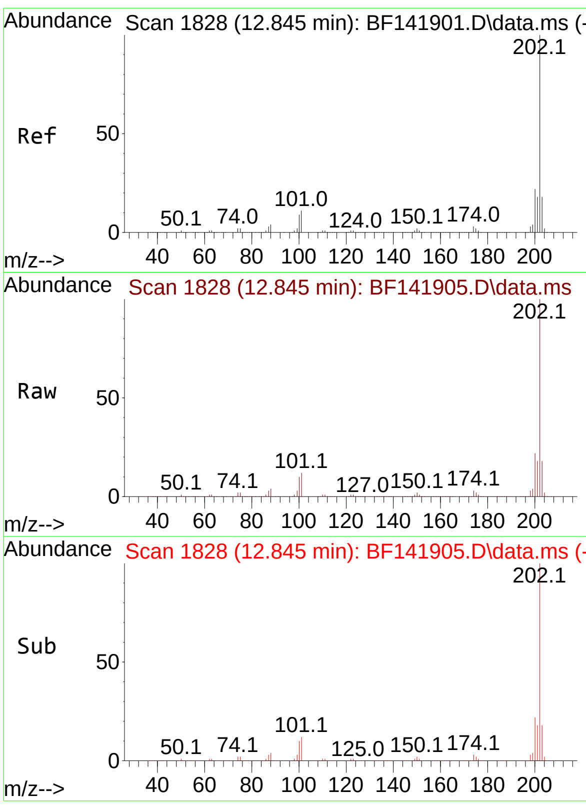


#77
Benzidine
Concen: 38.966 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:184 Resp: 270893

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.5	17.3
183	12.0	9.7	14.5

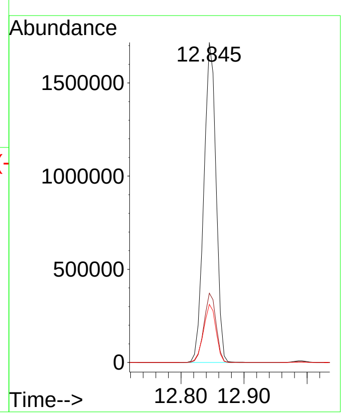




#78
Pyrene
Concen: 54.723 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:202 Resp: 2308671

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.3	25.9
203	18.2	14.4	21.6



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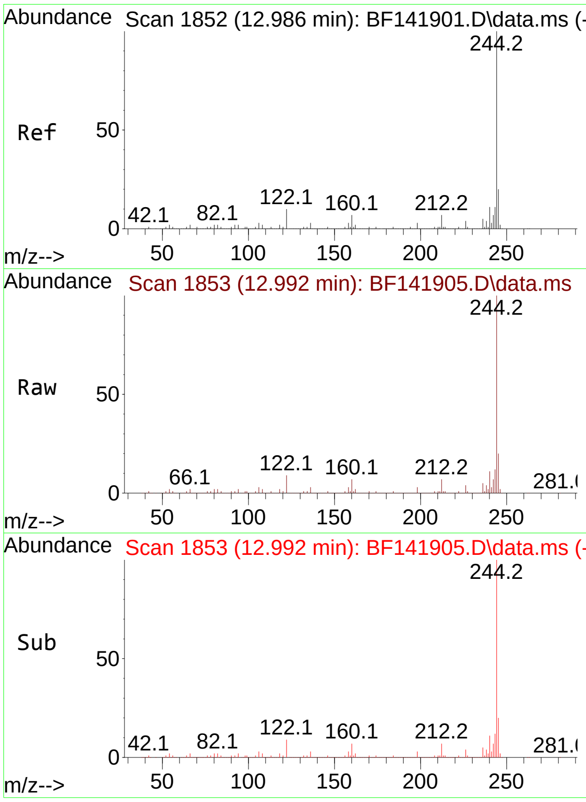


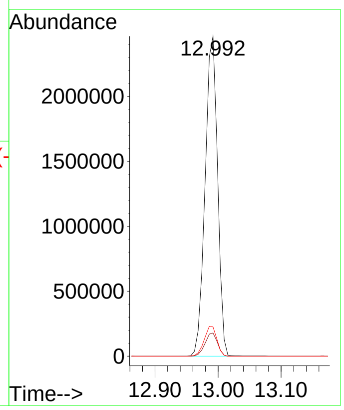
#79
Terphenyl-d14
Concen: 102.007 ng
RT: 12.992 min Scan# 1

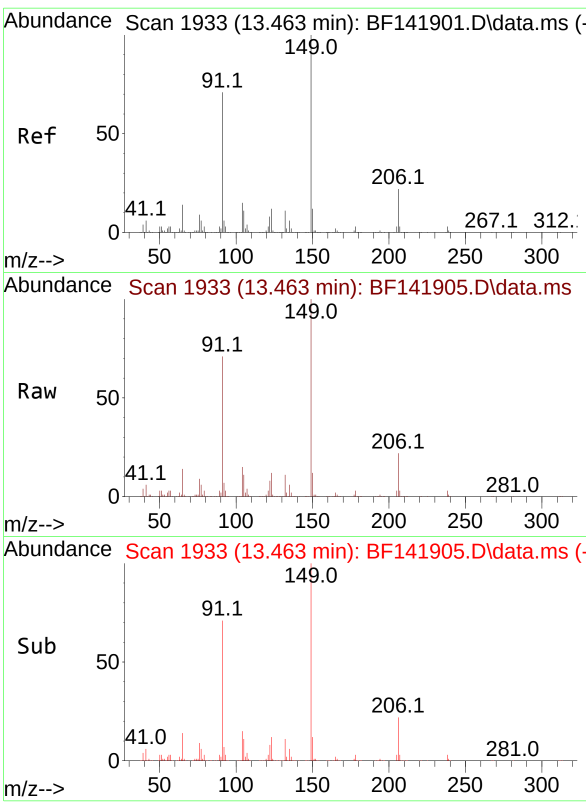
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:244 Resp: 3394803

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	9.2	7.7	11.5

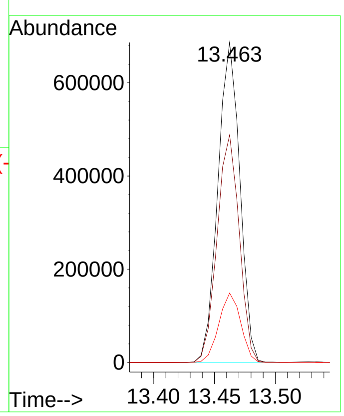




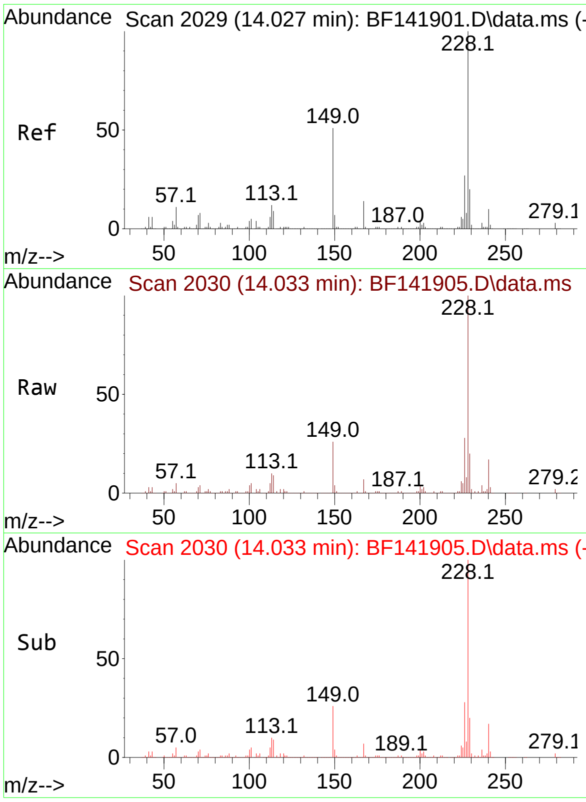
#80
Butylbenzylphthalate
Concen: 52.022 ng
RT: 13.463 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:149 Resp: 864849

Ion	Ratio	Lower	Upper
149	100		
91	71.1	56.5	84.7
206	21.7	17.3	25.9



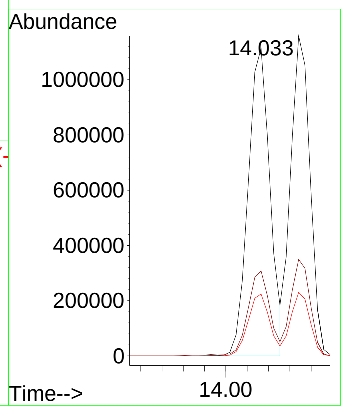
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

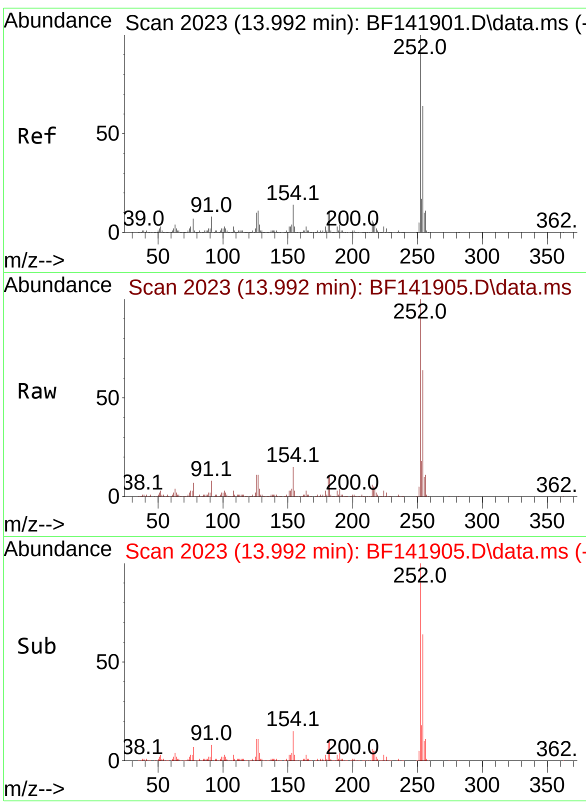


#81
Benzo(a)anthracene
Concen: 49.192 ng
RT: 14.033 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:228 Resp: 1592035

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.1	16.0	24.0

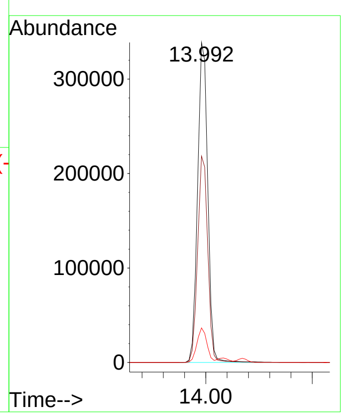




#82
3,3'-Dichlorobenzidine
Concen: 48.044 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

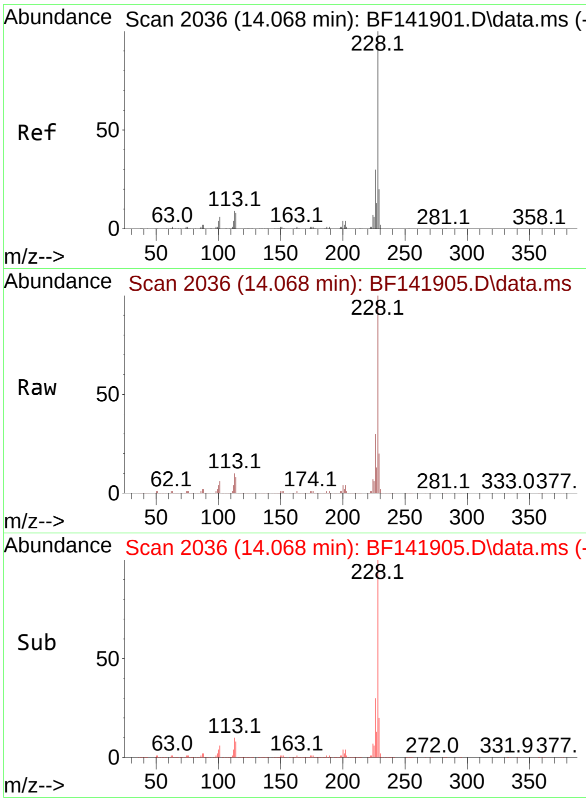
Tgt Ion:252 Resp: 449408

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.0	76.6
126	10.8	8.4	12.6



ICAL Form

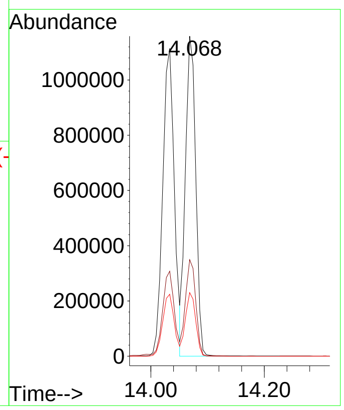
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

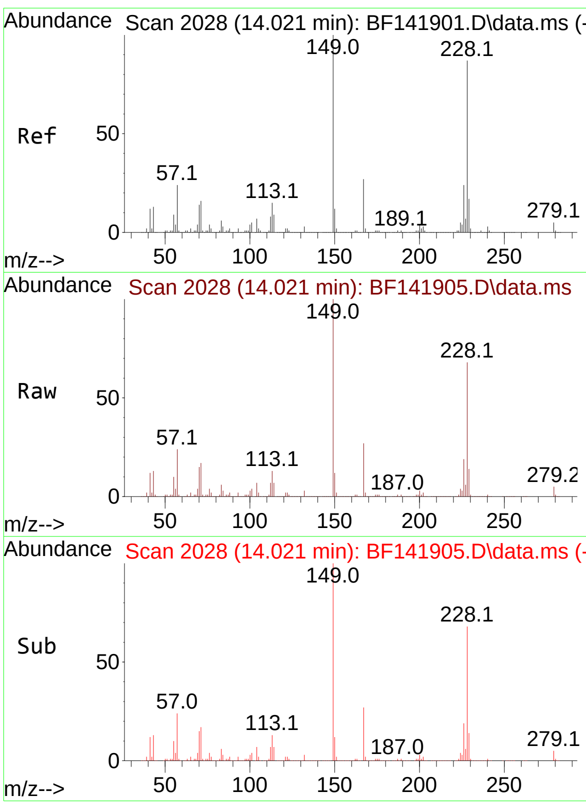


#83
Chrysene
Concen: 50.404 ng
RT: 14.068 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:228 Resp: 1465389

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.9	15.7	23.5

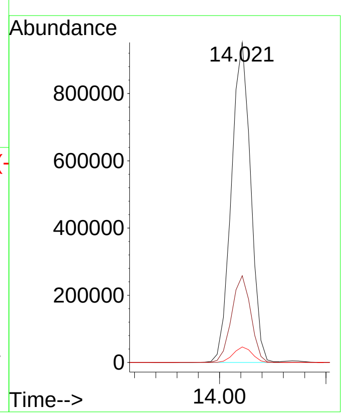




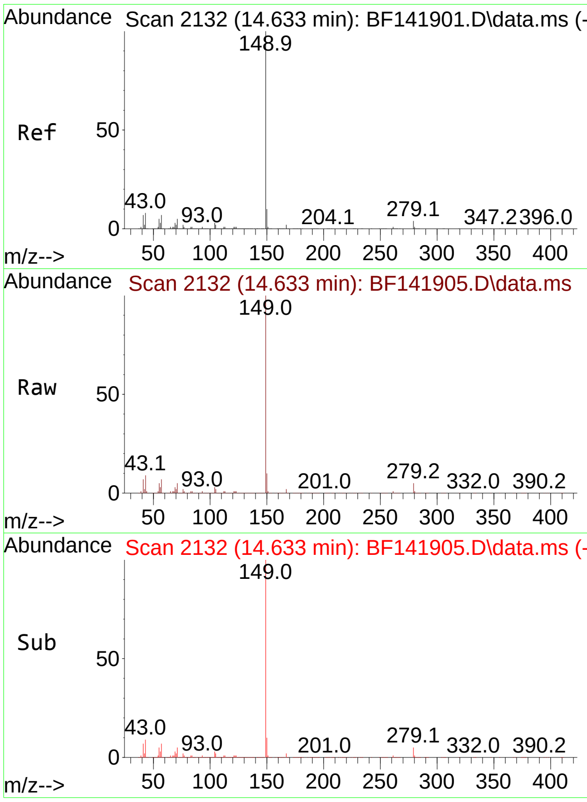
#84
Bis(2-ethylhexyl)phthalate
Concen: 52.747 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:149 Resp: 1203021

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	4.9	3.8	5.6



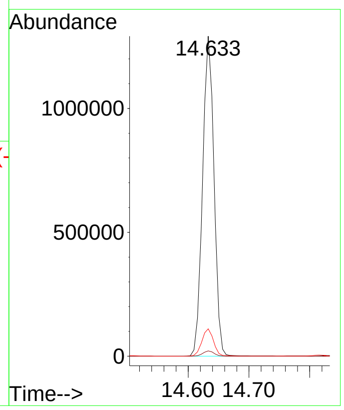
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

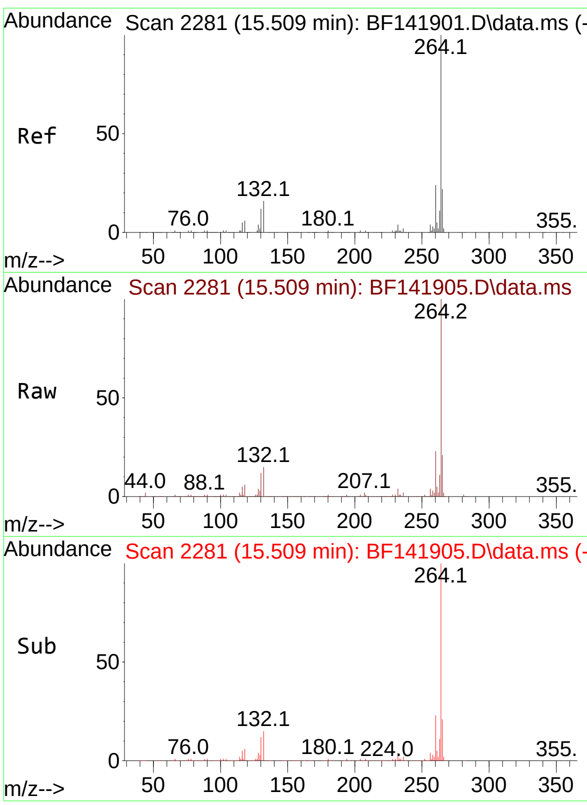


#85
Di-n-octyl phthalate
Concen: 53.307 ng
RT: 14.633 min Scan# 2
Delta R.T.   -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:149 Resp: 1692206

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.7	6.9	10.3

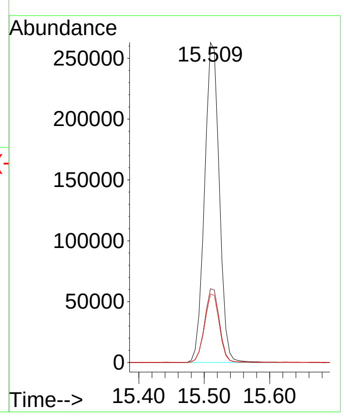




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T.   -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

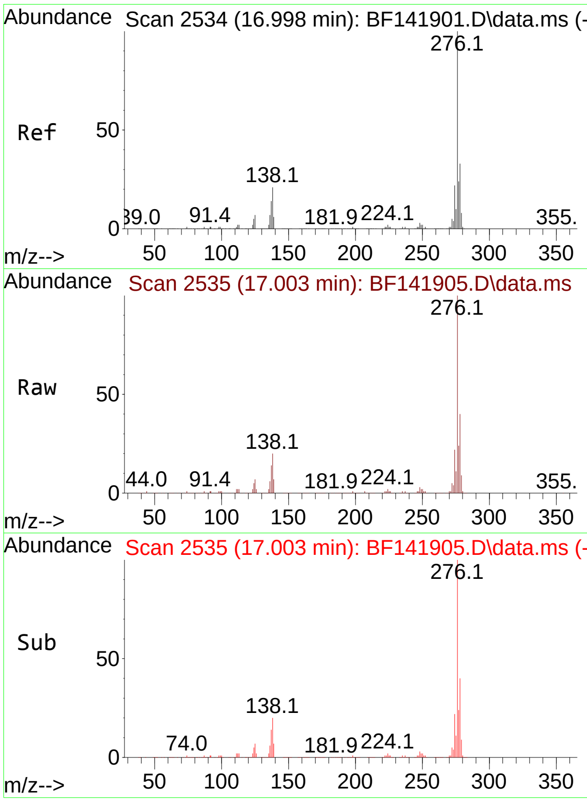
Tgt Ion:264 Resp: 413564

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.4	17.5	26.3



ICAL Form

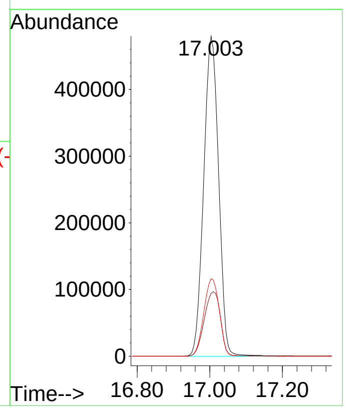
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

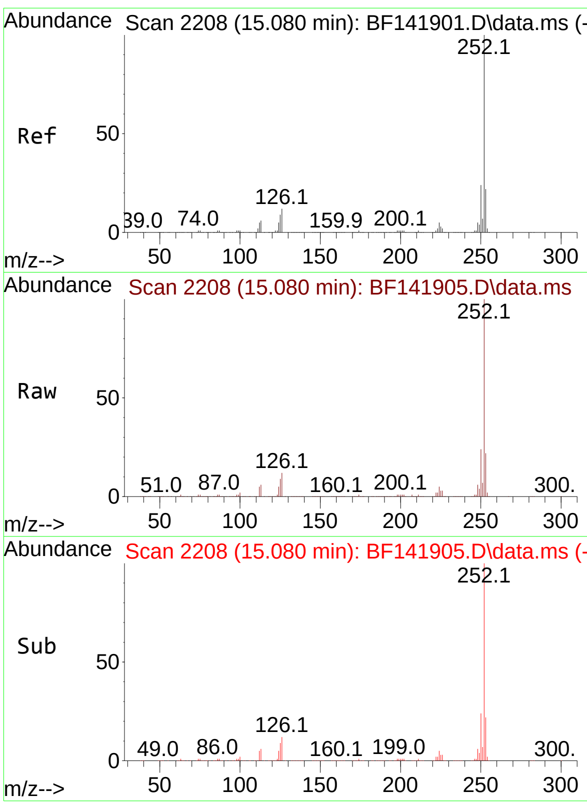


#87
Indeno(1,2,3-cd)pyrene
Concen: 50.969 ng
RT: 17.003 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:276 Resp: 1366974

Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.4	27.6
277	25.3	20.3	30.5

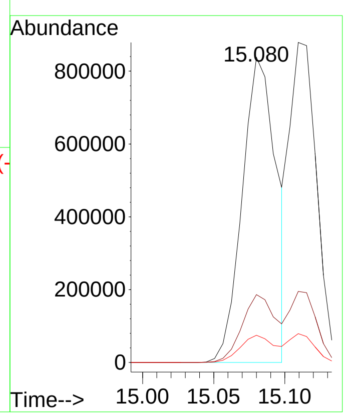


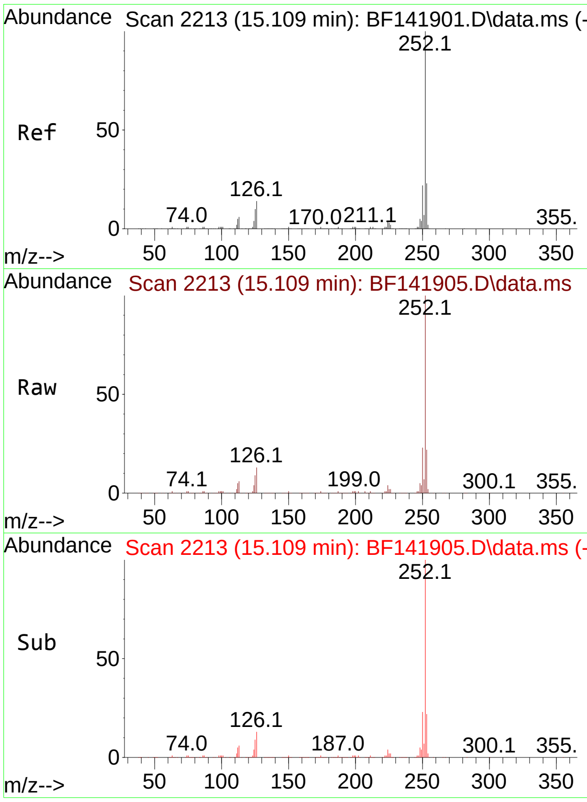


#88
Benzo(b)fluoranthene
Concen: 49.625 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:252 Resp: 1392083

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	8.9	7.0	10.4



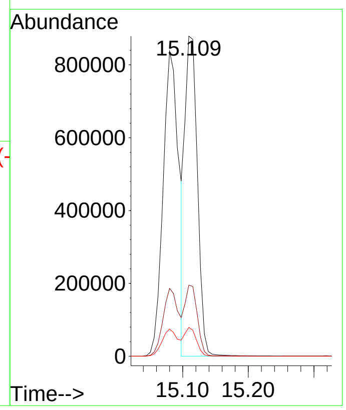


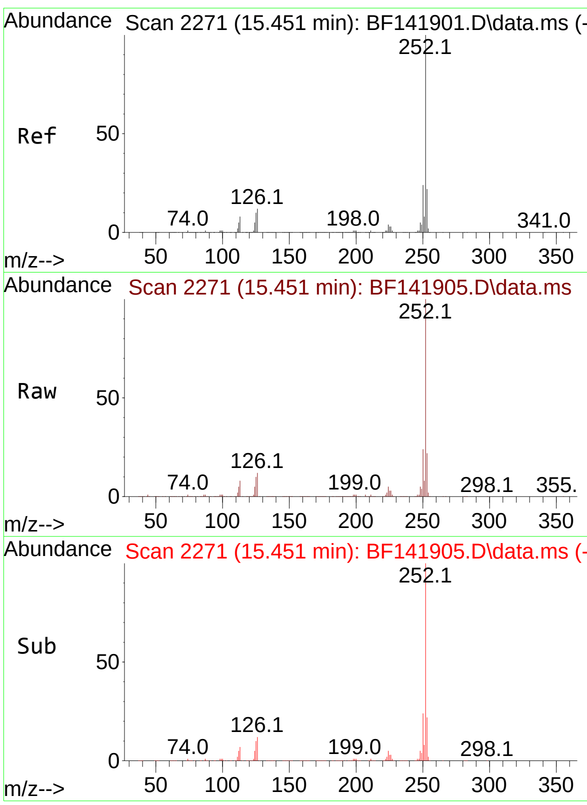
#89
Benzo(k)fluoranthene
Concen: 47.638 ng
RT: 15.109 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Instrument : BNA_F
ClientSampleId : SSTDICC050

Tgt Ion:252 Resp: 1167351

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.0	7.2	10.8

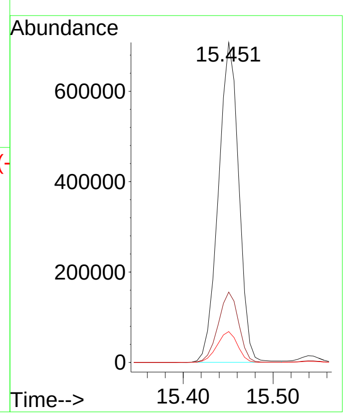




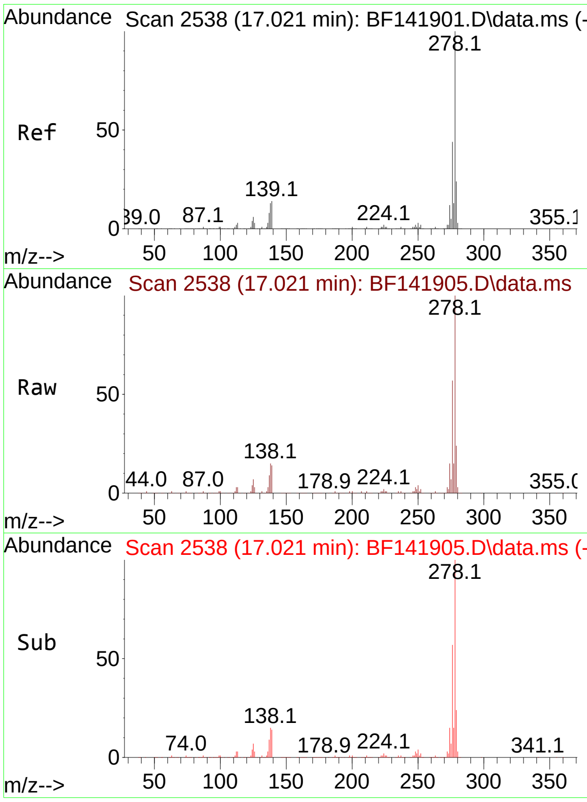
#90
Benzo(a)pyrene
Concen: 50.591 ng
RT: 15.451 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:252 Resp: 1119256

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.6	7.8	11.8



ICAL Form



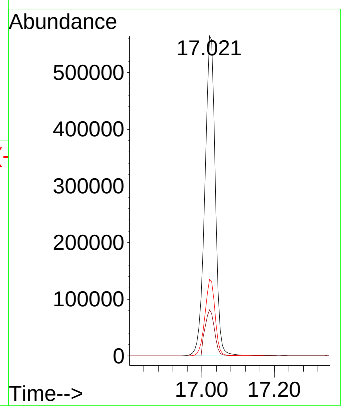
#91
Dibenzo(a,h)anthracene
Concen: 51.149 ng
RT: 17.021 min Scan# 2

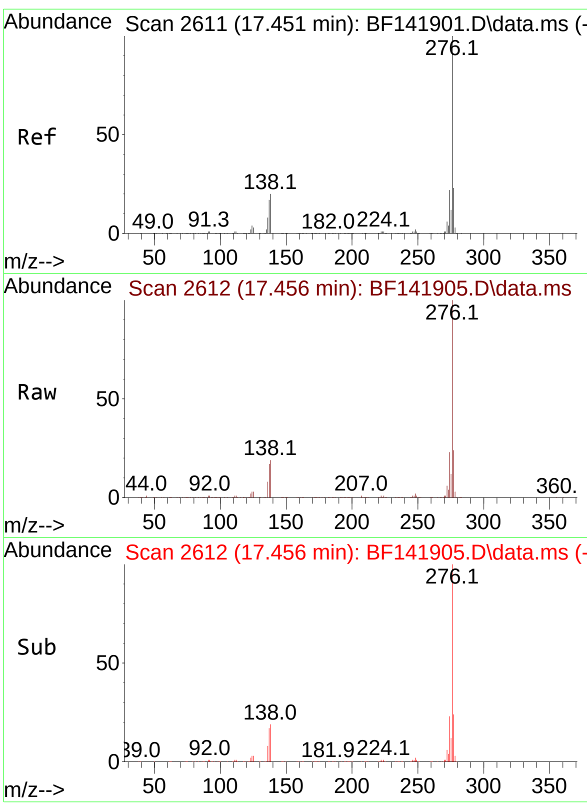
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:278 Resp: 1131875

Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.4	17.2
279	23.9	18.8	28.2

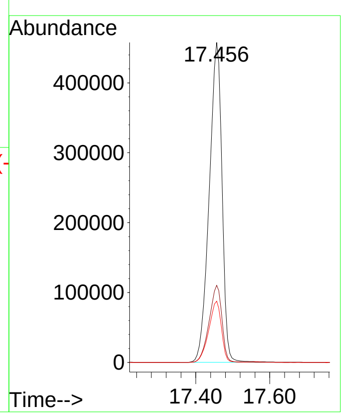




#92
Benzo(g,h,i)perylene
Concen: 50.106 ng
RT: 17.456 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:276 Resp: 1099760

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	19.2	15.8	23.8



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.881	152	209747	20.000 ng	0.00
21) Naphthalene-d8	8.163	136	840616	20.000 ng	0.00
39) Acenaphthene-d10	9.922	164	483165	20.000 ng	0.00
64) Phenanthrene-d10	11.404	188	813672	20.000 ng	0.00
76) Chrysene-d12	14.039	240	523890	20.000 ng	0.00
86) Perylene-d12	15.510	264	426422	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.493	112	965473	76.823 ng	0.00
7) Phenol-d6	6.504	99	1231487	76.962 ng	0.00
23) Nitrobenzene-d5	7.445	82	1179480	78.962 ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	486334	79.342 ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2399526	75.528 ng	0.00
79) Terphenyl-d14	12.986	244	2825870	79.748 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.669	88	203628	38.670 ng	99
3) Pyridine	3.428	79	504398	39.050 ng	99
4) n-Nitrosodimethylamine	3.387	42	239879	38.959 ng	97
6) Aniline	6.545	93	614962	38.958 ng	98
8) 2-Chlorophenol	6.669	128	539701	38.721 ng	99
9) Benzaldehyde	6.434	77	339615	37.950 ng	99
10) Phenol	6.516	94	658449	39.115 ng	97
11) bis(2-Chloroethyl)ether	6.616	93	483438	38.246 ng	99
12) 1,3-Dichlorobenzene	6.822	146	577700	38.391 ng	100
13) 1,4-Dichlorobenzene	6.898	146	584132	38.366 ng	99
14) 1,2-Dichlorobenzene	7.051	146	555621	38.744 ng	100
15) Benzyl Alcohol	7.022	79	509792	39.408 ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	569783	37.338 ng	100
17) 2-Methylphenol	7.128	107	429715	38.775 ng	99
18) Hexachloroethane	7.392	117	221507	38.797 ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	391096	38.038 ng	100
20) 3+4-Methylphenols	7.281	107	548208	38.619 ng	99
22) Acetophenone	7.292	105	757917	37.650 ng	98
24) Nitrobenzene	7.463	77	578836	38.980 ng	99
25) Isophorone	7.704	82	1007659	38.163 ng	100
26) 2-Nitrophenol	7.775	139	294657	40.429 ng	96
27) 2,4-Dimethylphenol	7.810	122	385504	38.414 ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	628379	37.943 ng	100
29) 2,4-Dichlorophenol	8.016	162	485205	38.952 ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	526250	38.336 ng	100
31) Naphthalene	8.187	128	1633401	37.827 ng	100
32) Benzoic acid	7.928	122	373179	42.303 ng	99
33) 4-Chloroaniline	8.228	127	592172	38.847 ng	99
34) Hexachlorobutadiene	8.304	225	347789	38.849 ng	99
35) Caprolactam	8.604	113	141562	37.276 ng	98
36) 4-Chloro-3-methylphenol	8.704	107	535661	38.550 ng	99
37) 2-Methylnaphthalene	8.875	142	1094895	37.935 ng	100
38) 1-Methylnaphthalene	8.975	142	1071850	38.484 ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	561804	38.191 ng	99
41) Hexachlorocyclopentadiene	9.028	237	220386	38.281 ng	98
43) 2,4,6-Trichlorophenol	9.151	196	377743	39.292 ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	372564	38.263 ng	99
46) 1,1'-Biphenyl	9.339	154	1401736	38.182 ng	100
47) 2-Chloronaphthalene	9.363	162	1042241	38.090 ng	99
48) 2-Nitroaniline	9.457	65	308259	38.908 ng	99
49) Acenaphthylene	9.781	152	1531852	37.725 ng	100
50) Dimethylphthalate	9.639	163	1272572	37.611 ng	100
51) 2,6-Dinitrotoluene	9.698	165	274531	38.970 ng	99
52) Acenaphthene	9.951	154	1095922	38.405 ng	100
53) 3-Nitroaniline	9.869	138	275555	38.561 ng	99
54) 2,4-Dinitrophenol	9.969	184	142831	39.326 ng	95
55) Dibenzofuran	10.122	168	1540381	37.778 ng	100
56) 4-Nitrophenol	10.016	139	212462	39.425 ng	99
57) 2,4-Dinitrotoluene	10.104	165	361518	39.291 ng	99
58) Fluorene	10.469	166	1175392	37.381 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	346168	39.070 ng	99
60) Diethylphthalate	10.339	149	1293401	38.337 ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	627404	38.272 ng	99
62) 4-Nitroaniline	10.480	138	270993	38.953 ng	99
63) Azobenzene	10.622	77	1189121	37.911 ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	200888	41.415 ng	99
66) n-Nitrosodiphenylamine	10.575	169	1008029	38.283 ng	99
67) 4-Bromophenyl-phenylether	10.951	248	398683	39.015 ng	98
68) Hexachlorobenzene	11.016	284	445938	39.789 ng	96
69) Atrazine	11.098	200	257856	31.945 ng	99
70) Pentachlorophenol	11.204	266	289713	41.955 ng	100
71) Phenanthrene	11.427	178	1685770	38.357 ng	100
72) Anthracene	11.480	178	1675103	37.991 ng	100
73) Carbazole	11.633	167	1451333	38.167 ng	99
74) Di-n-butylphthalate	11.963	149	1953516	38.717 ng	100
75) Fluoranthene	12.616	202	1750317	37.545 ng	100
77) Benzidine	12.733	184	420377	57.513 ng	100
78) Pyrene	12.845	202	1746456	38.539 ng	100
80) Butylbenzylphthalate	13.463	149	723288	40.778 ng	99
81) Benzo(a)anthracene	14.027	228	1347977	39.211 ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	380866	38.337 ng	100
83) Chrysene	14.068	228	1159074	37.195 ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1006170	41.142 ng	99
85) Di-n-octyl phthalate	14.633	149	1394136	40.971 ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	1061096	38.467 ng	99
88) Benzo(b)fluoranthene	15.080	252	1166263	39.906 ng	99
89) Benzo(k)fluoranthene	15.110	252	869471	34.765 ng	100
90) Benzo(a)pyrene	15.451	252	882967	38.612 ng	99
91) Dibenzo(a,h)anthracene	17.021	278	886038	38.931 ng	99
92) Benzo(g,h,i)perylene	17.451	276	855812	38.051 ng	99

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

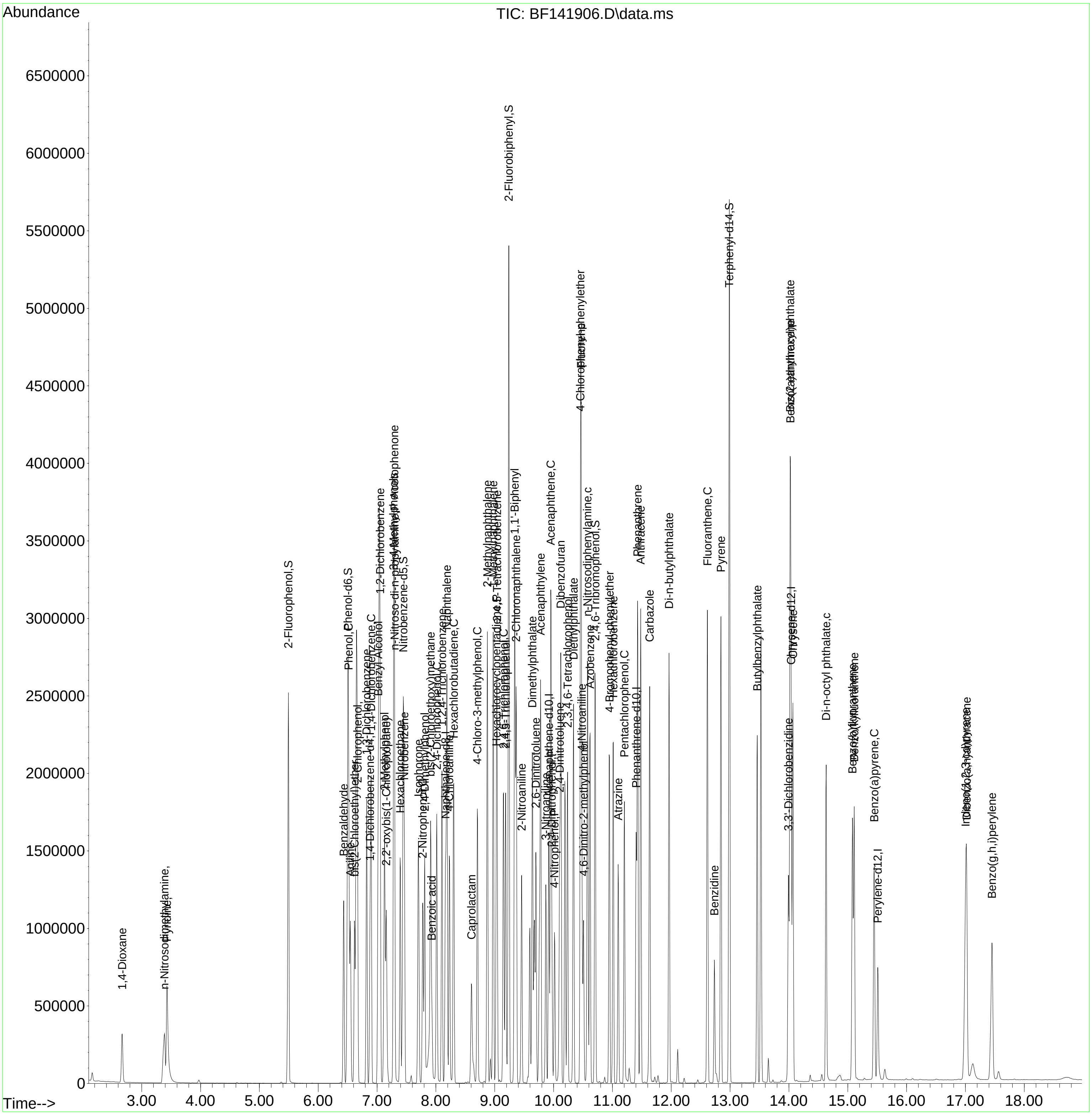
Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

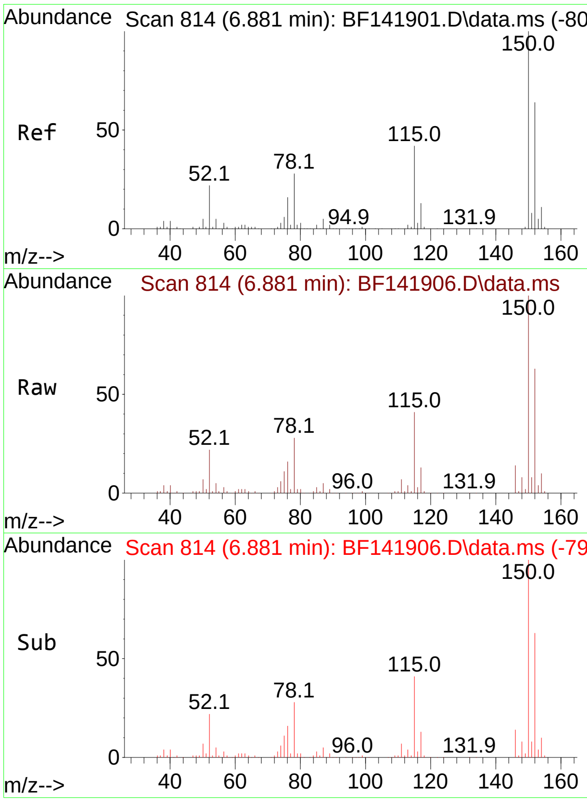
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



ICAL Form

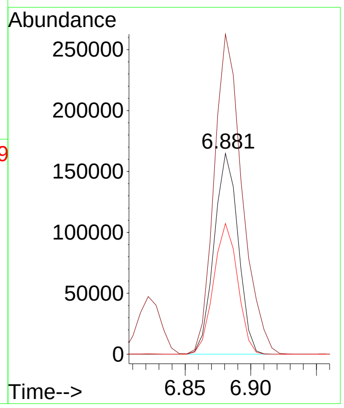
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

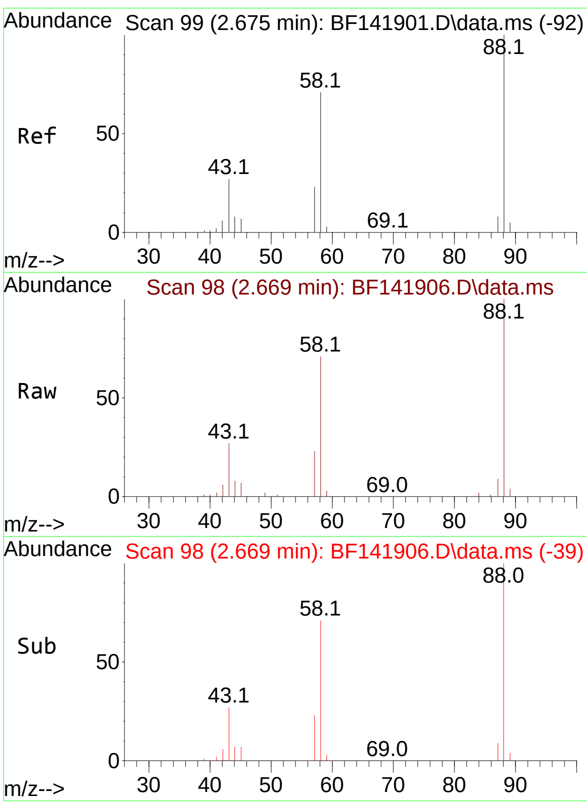


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:152 Resp: 209747

Ion	Ratio	Lower	Upper
152	100		
150	159.4	127.4	191.2
115	65.1	51.9	77.9

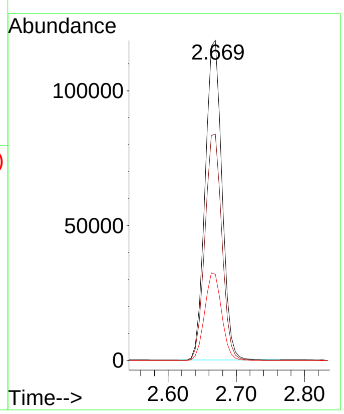




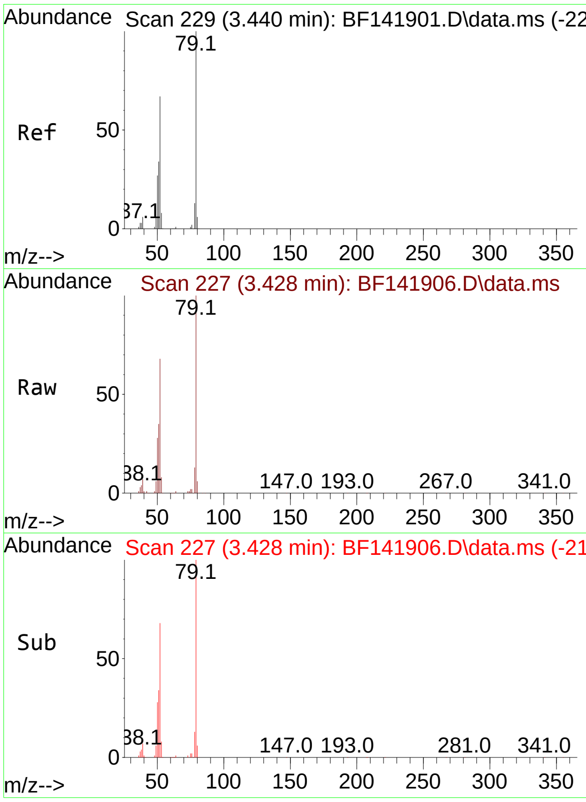
#2
1,4-Dioxane
Concen: 38.670 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 88 Resp: 203628

Ion	Ratio	Lower	Upper
88	100		
58	71.2	57.4	86.2
43	27.6	21.5	32.3



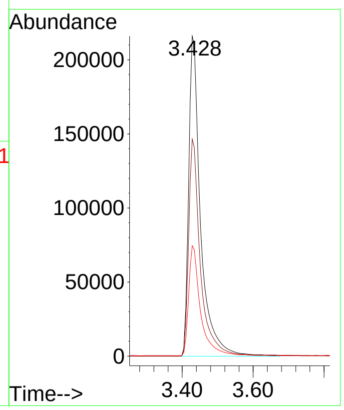
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

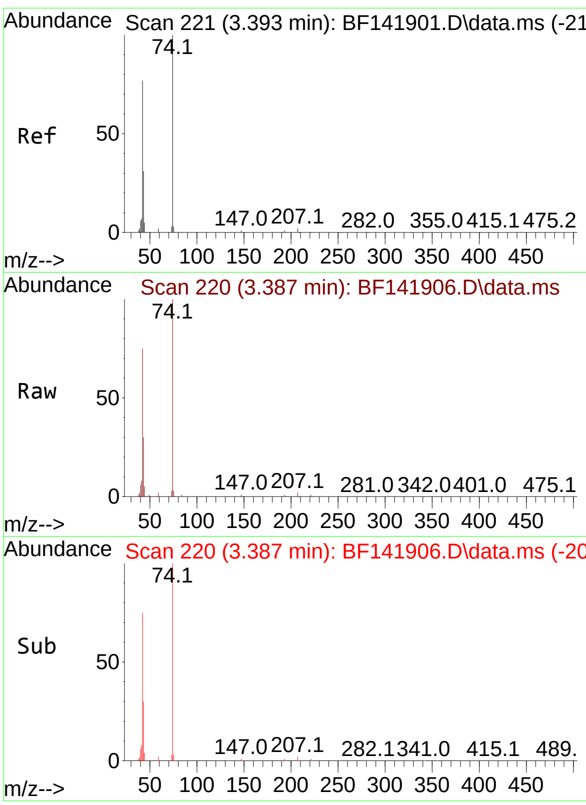


#3
Pyridine
Concen: 39.050 ng
RT: 3.428 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 79 Resp: 504398

Ion	Ratio	Lower	Upper
79	100		
52	67.8	53.3	79.9
51	34.5	27.6	41.4

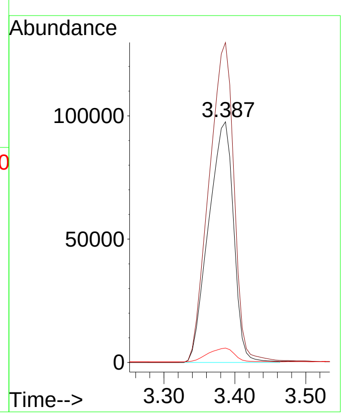




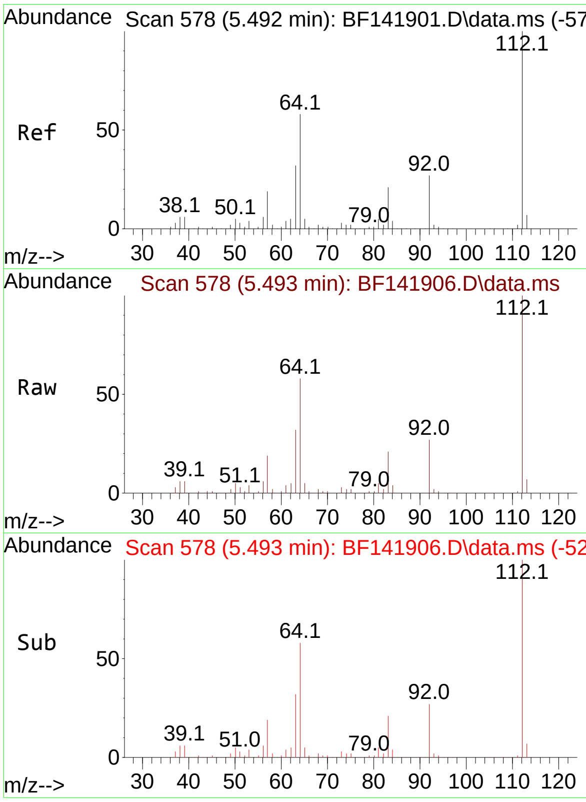
#4
n-Nitrosodimethylamine
Concen: 38.959 ng
RT: 3.387 min Scan# 220
Delta R.T. -0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 42 Resp: 239879

Ion	Ratio	Lower	Upper
42	100		
74	133.0	103.4	155.0
44	6.0	5.0	7.4



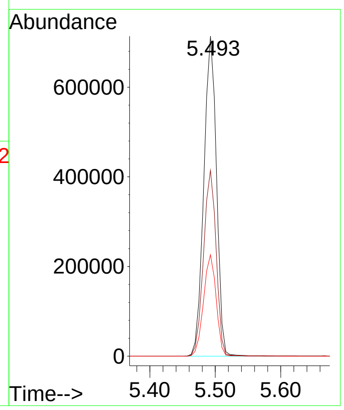
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

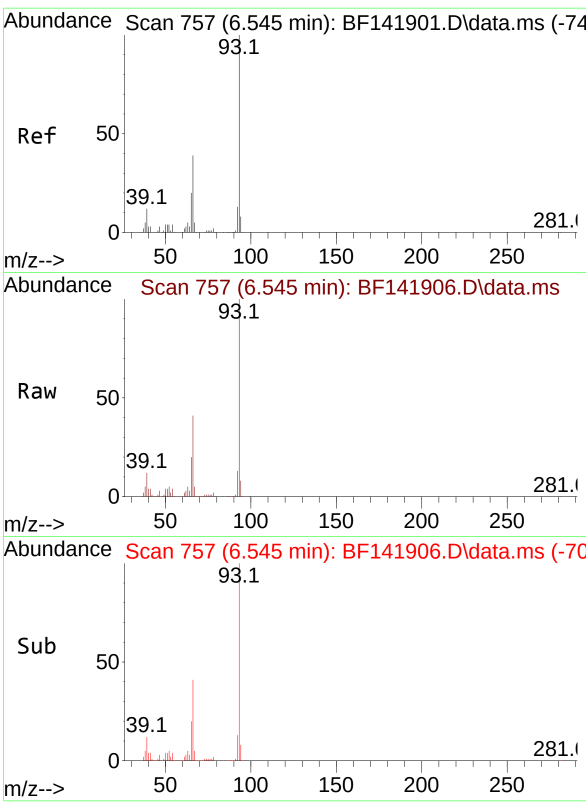


#5
2-Fluorophenol
Concen: 76.823 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:112 Resp: 965473

Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.5	69.7
63	31.7	25.4	38.2

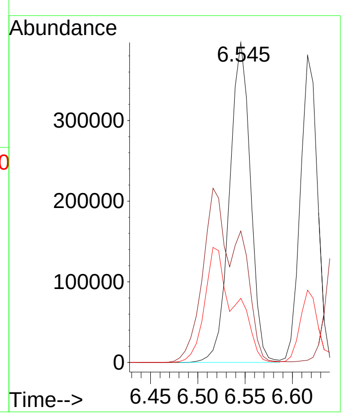




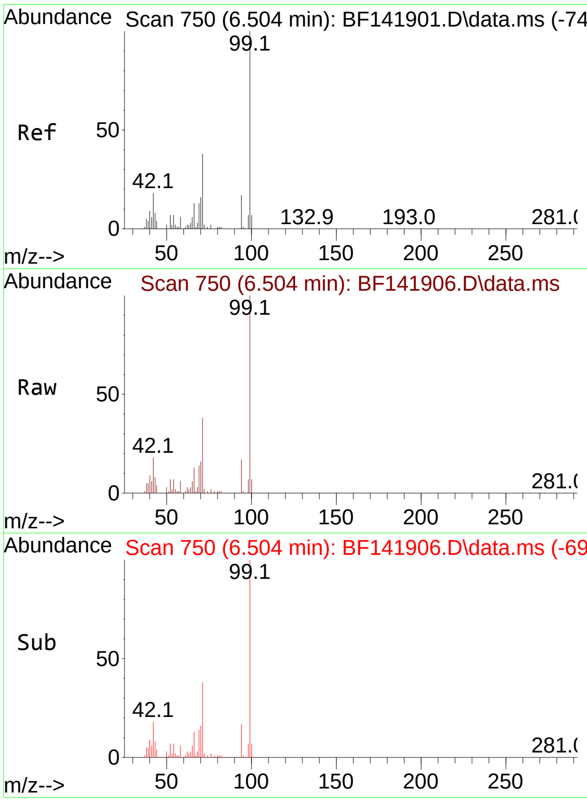
#6
Aniline
Concen: 38.958 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 93 Resp: 614962

Ion	Ratio	Lower	Upper
93	100		
66	41.1	31.9	47.9
65	20.0	15.8	23.6



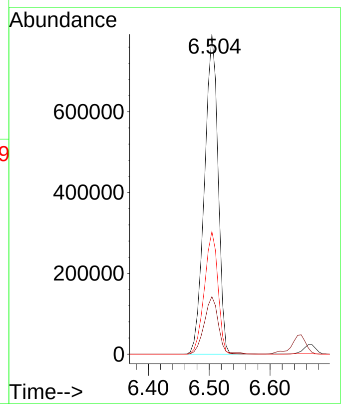
Instrument : BNA_F
ClientSampleId : ICVBF031025

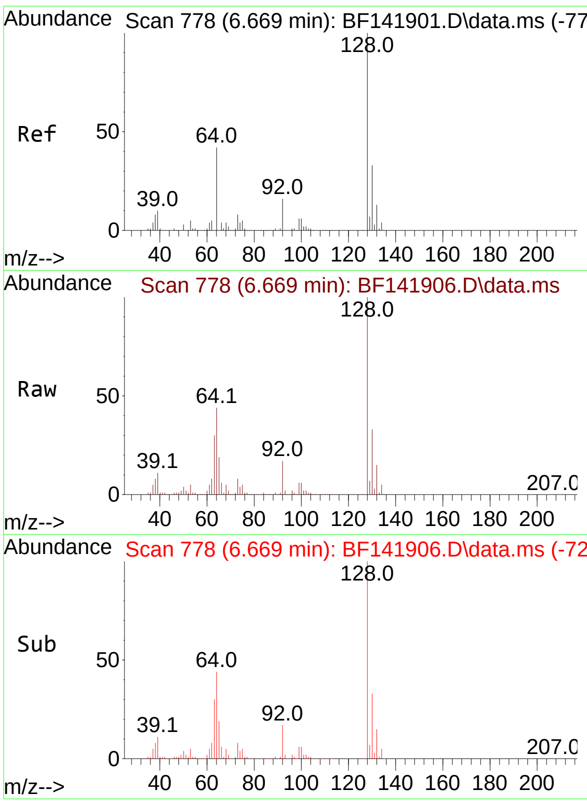


#7
Phenol-d6
Concen: 76.962 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 99 Resp: 1231487

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.6	21.8
71	38.3	30.8	46.2

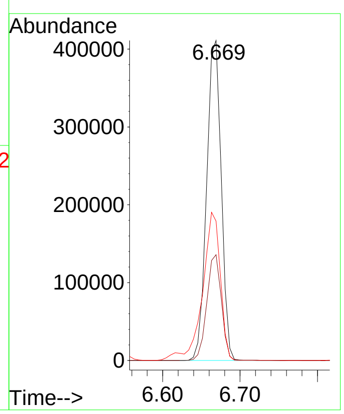




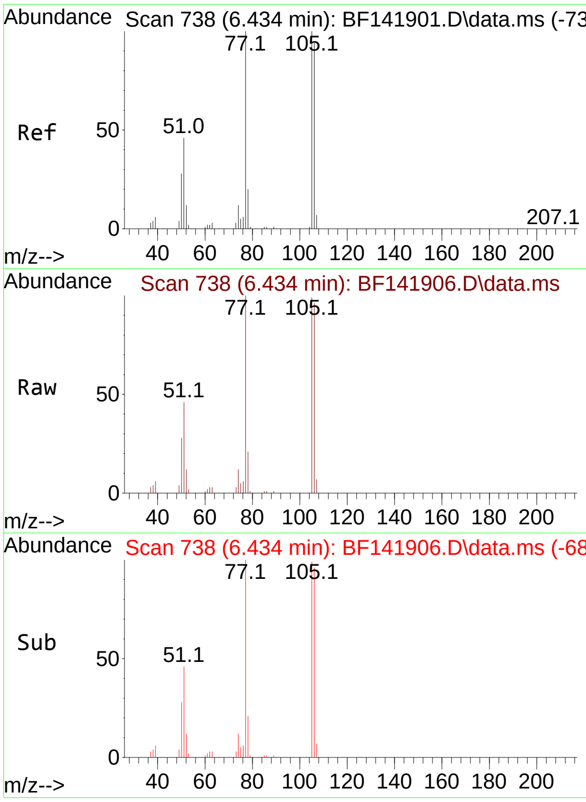
#8
2-Chlorophenol
Concen: 38.721 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:128 Resp: 539701

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.8	52.8
64	43.6	24.4	64.4



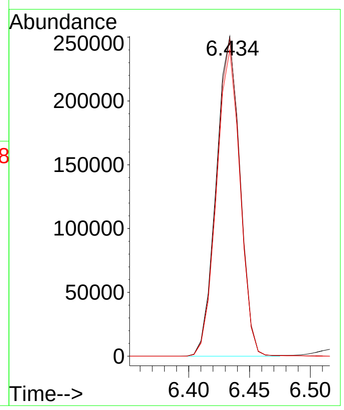
Instrument : BNA_F
ClientSampleId : ICVBF031025

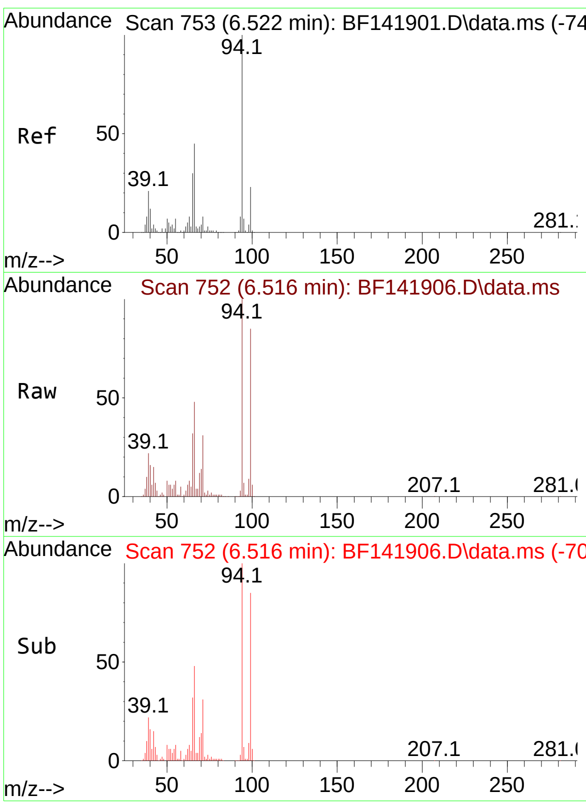


#9
Benzaldehyde
Concen: 37.950 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 77 Resp: 339615

Ion	Ratio	Lower	Upper
77	100		
105	99.2	80.0	120.0
106	95.7	74.5	114.5

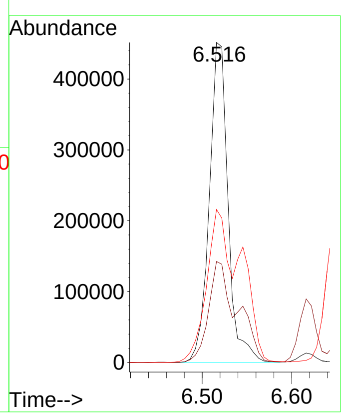


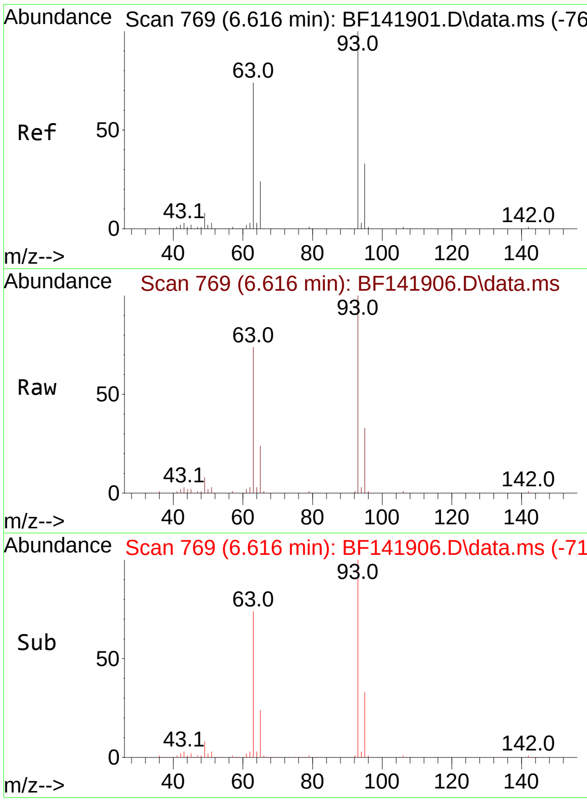


#10
Phenol
Concen: 39.115 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 94 Resp: 658449

Ion	Ratio	Lower	Upper
94	100		
65	31.6	10.5	50.5
66	47.8	25.8	65.8



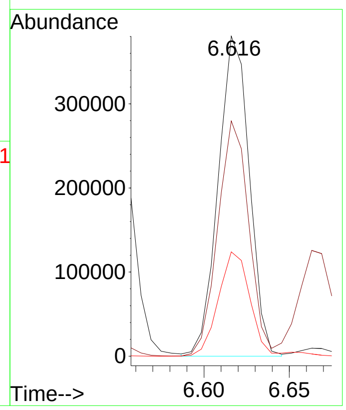


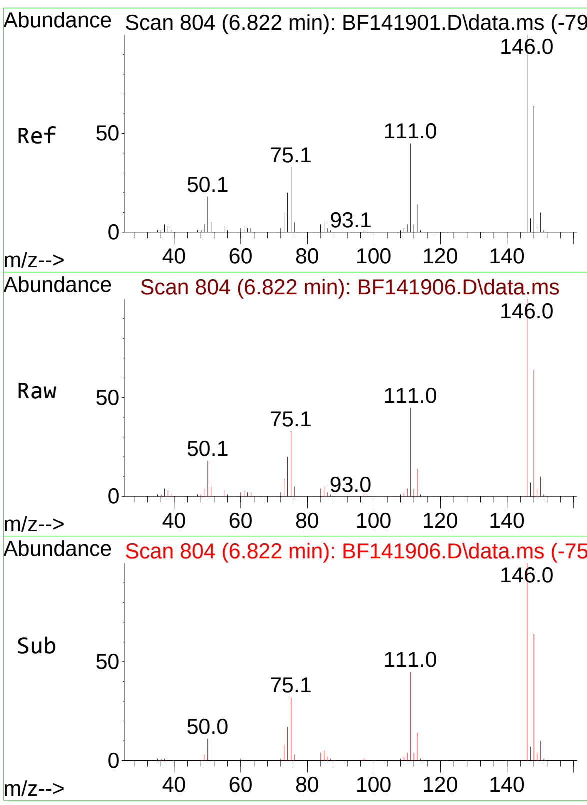
#11
bis(2-Chloroethyl)ether
Concen: 38.246 ng
RT: 6.616 min Scan# 7(
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Tgt Ion: 93 Resp: 483438

Ion	Ratio	Lower	Upper
93	100		
63	73.5	53.0	93.0
95	32.6	12.9	52.9

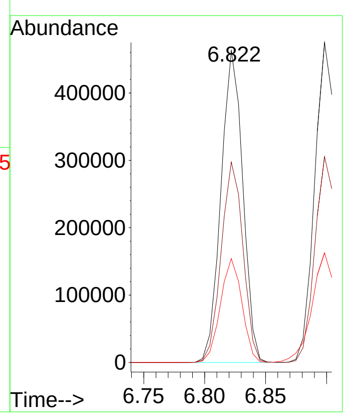




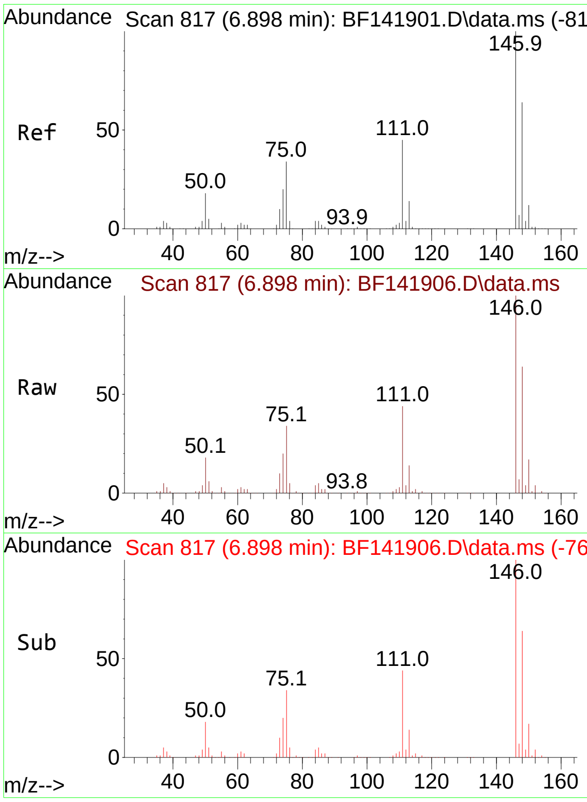
#12
1,3-Dichlorobenzene
Concen: 38.391 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:146 Resp: 577700

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
75	33.3	26.6	40.0



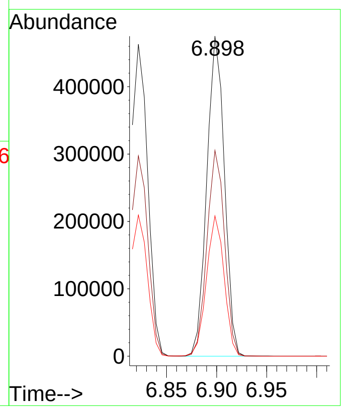
Instrument : BNA_F
ClientSampleId : ICVBF031025

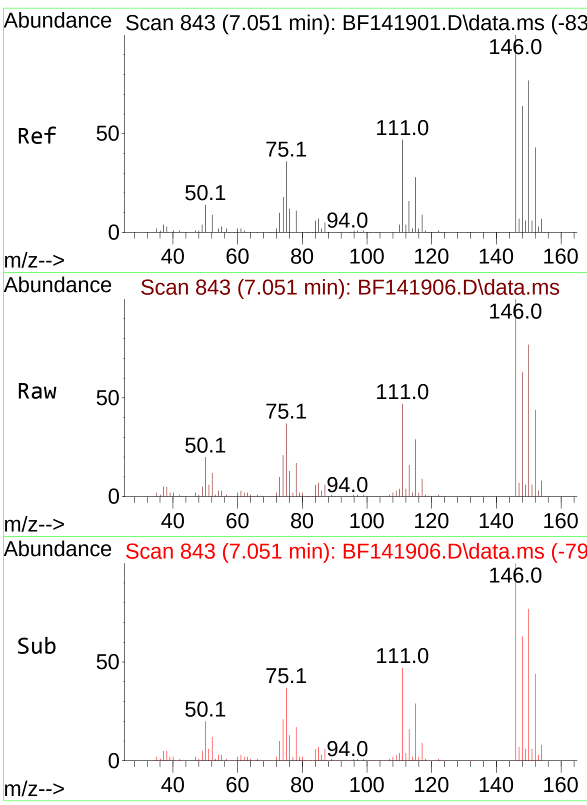


#13
1,4-Dichlorobenzene
Concen: 38.366 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:146 Resp: 584132

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
111	43.8	35.7	53.5

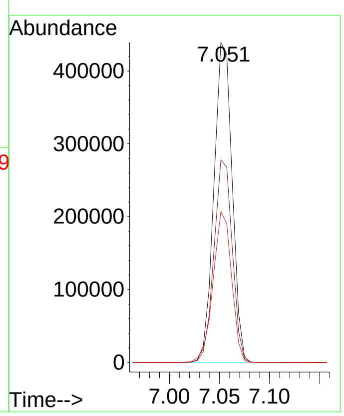




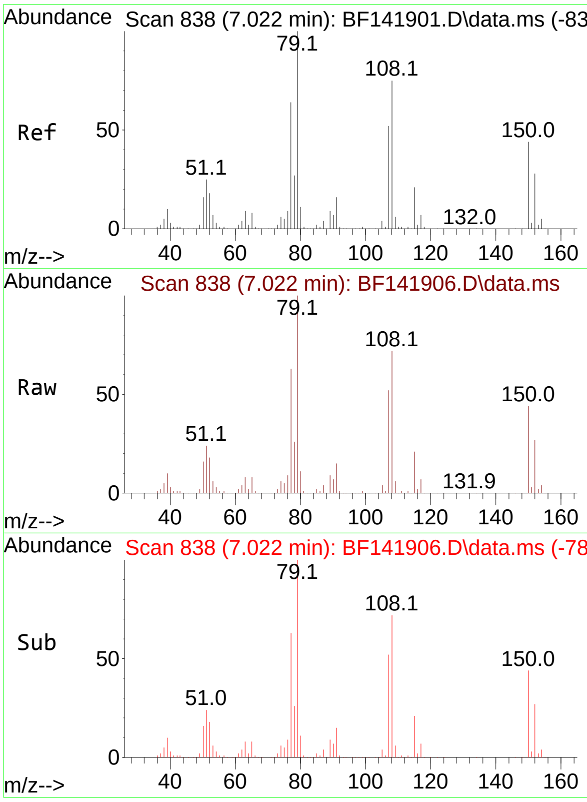
#14
1,2-Dichlorobenzene
Concen: 38.744 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:146 Resp: 555621

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	47.2	38.0	57.0



ICAL Form

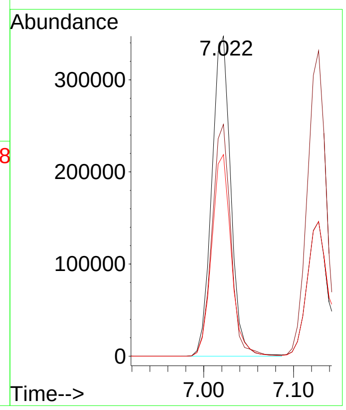


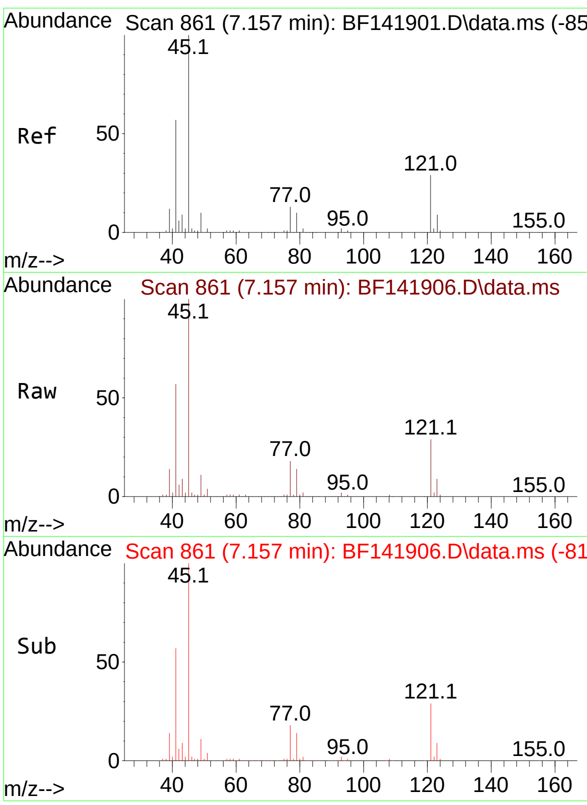
#15
Benzyl Alcohol
Concen: 39.408 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Tgt Ion: 79 Resp: 509792

Ion	Ratio	Lower	Upper
79	100		
108	72.4	59.7	89.5
77	63.0	51.0	76.6

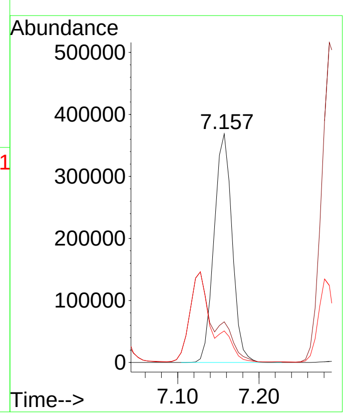




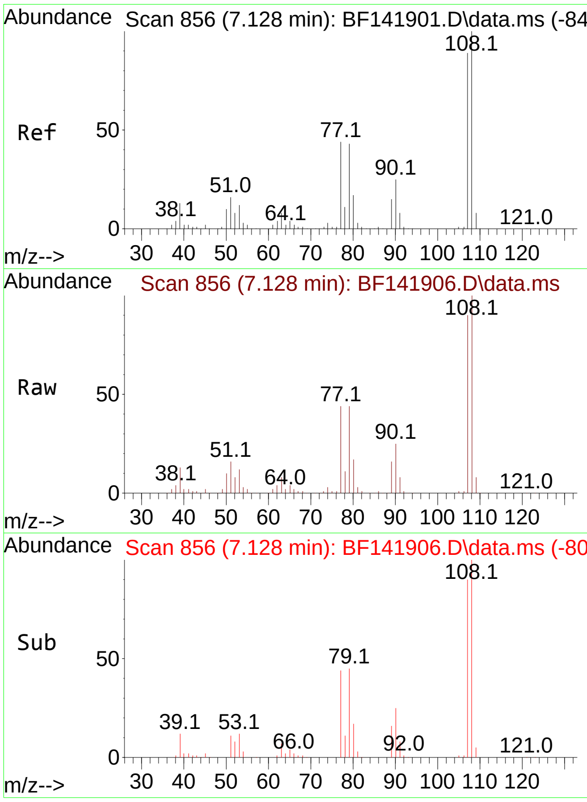
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.338 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 45 Resp: 569783

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.8
79	13.8	0.0	34.2



ICAL Form

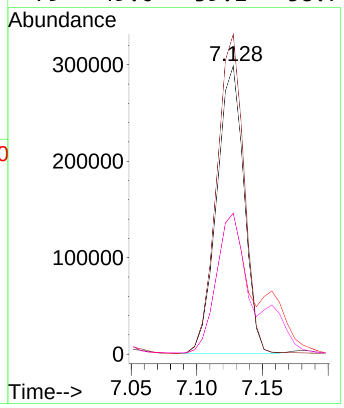


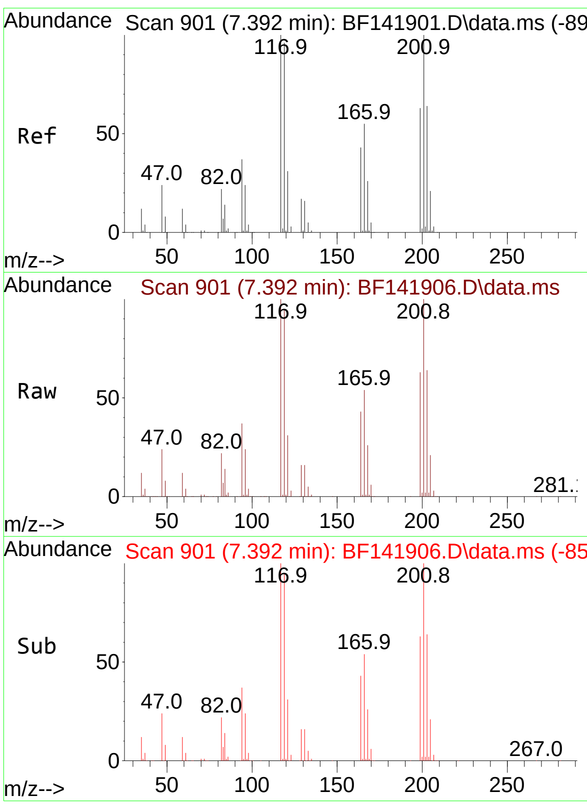
#17
2-Methylphenol
Concen: 38.775 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Tgt Ion:107 Resp: 429715

Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.2	135.2
77	48.9	39.6	59.4
79	49.0	39.1	58.7

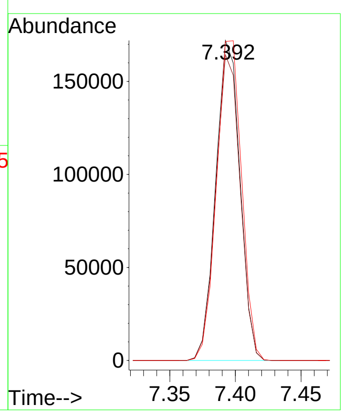




#18
Hexachloroethane
Concen: 38.797 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

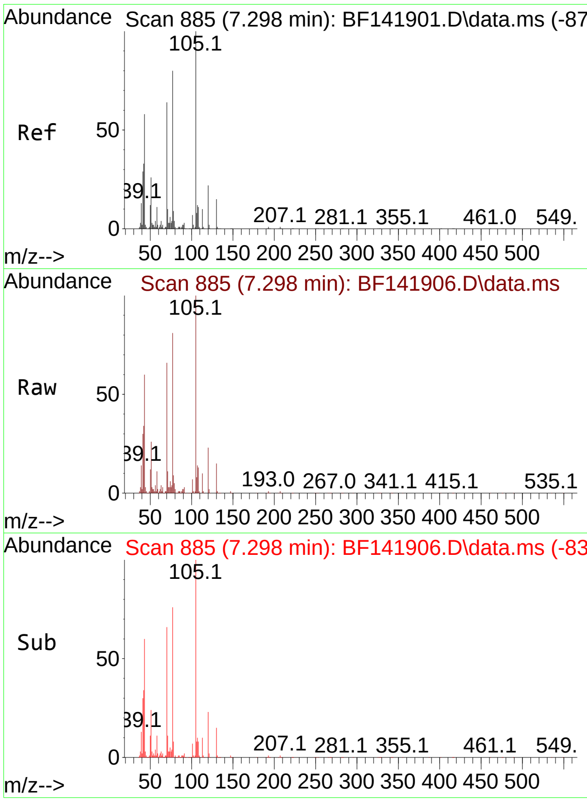
Tgt Ion:117 Resp: 221507

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.9	115.3
201	99.7	79.9	119.9



ICAL Form

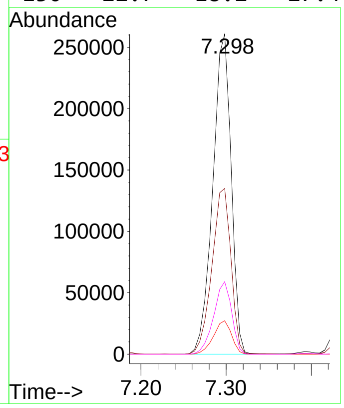
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

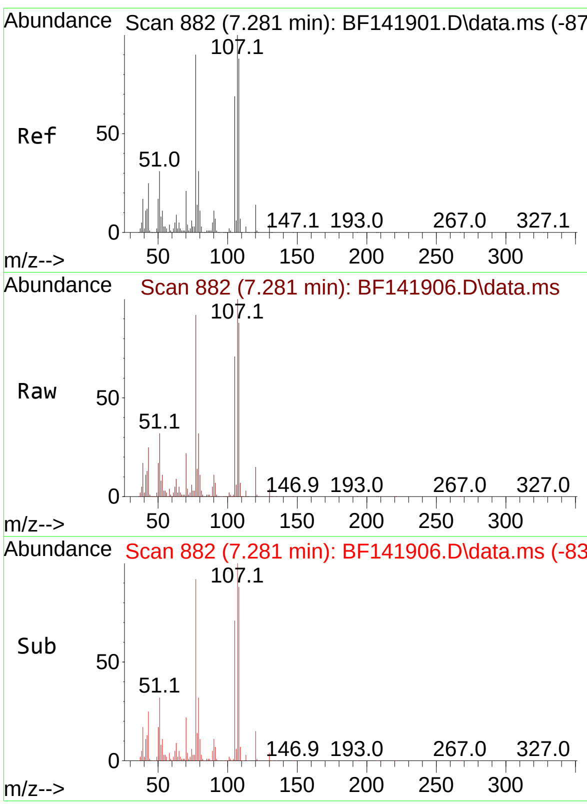


#19
n-Nitroso-di-n-propylamine
Concen: 38.038 ng
RT: 7.298 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 70 Resp: 391096

Ion	Ratio	Lower	Upper
70	100		
42	51.8	41.4	62.0
101	10.5	8.2	12.2
130	22.7	18.2	27.4

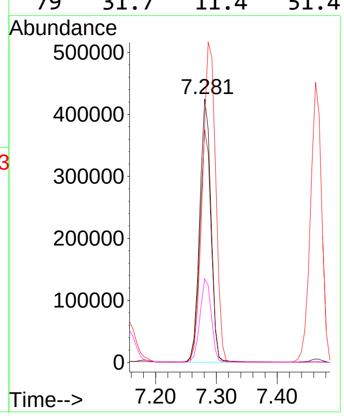




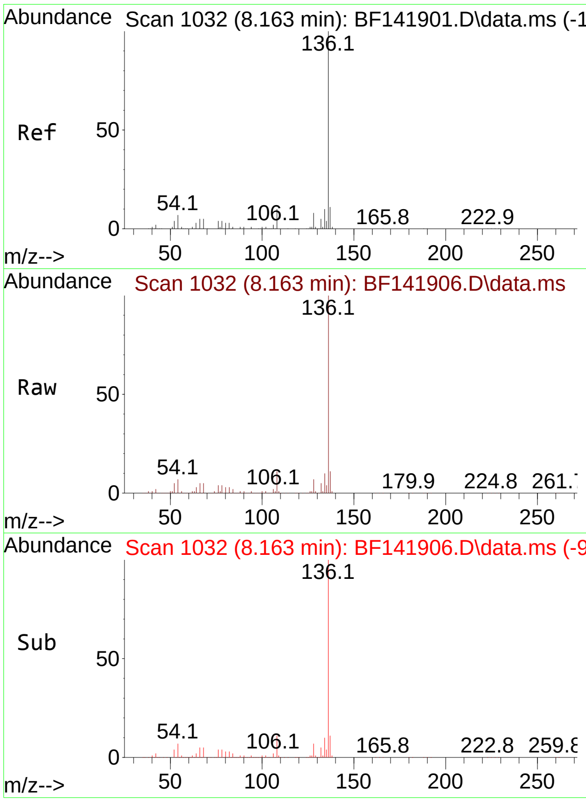
#20
3+4-Methylphenols
Concen: 38.619 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:107 Resp: 548208

Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.4	108.4
77	91.7	69.7	109.7
79	31.7	11.4	51.4



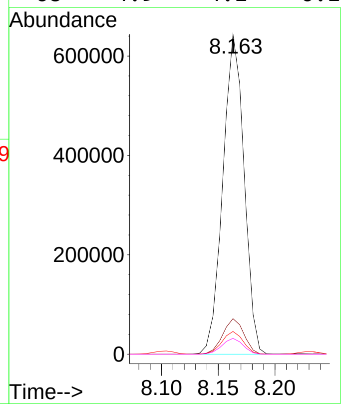
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

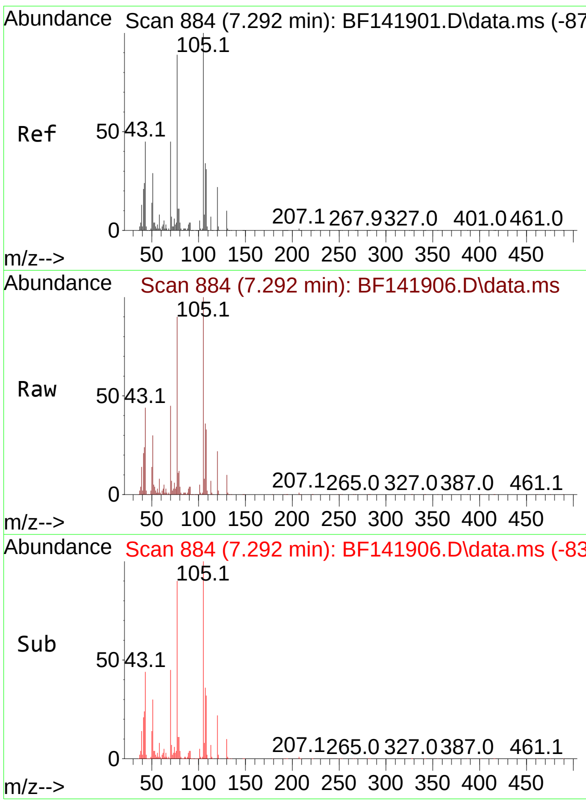


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:136 Resp: 840616

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.1	5.8	8.8
68	4.9	4.1	6.1

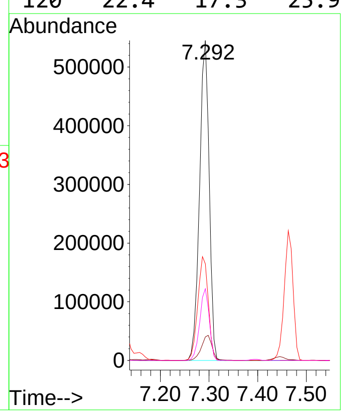




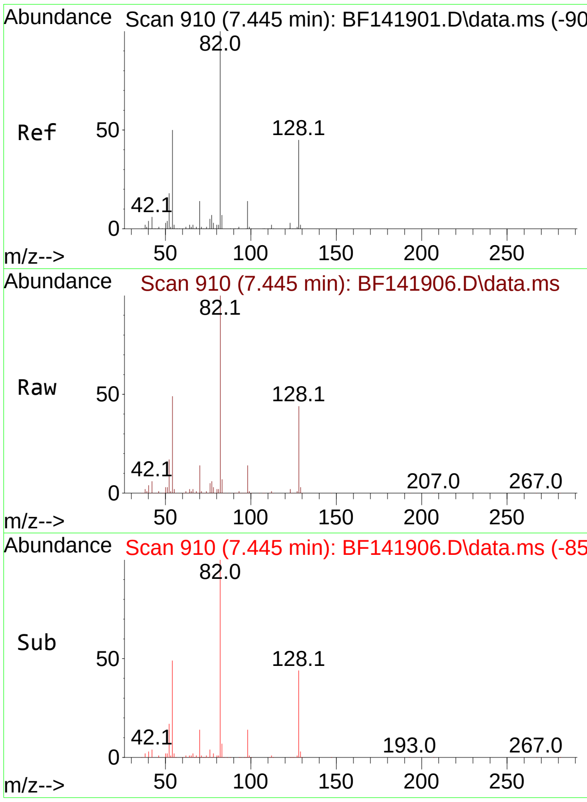
#22
Acetophenone
Concen: 37.650 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:105 Resp: 757917

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.8	8.8
51	30.2	23.4	35.0
120	22.4	17.3	25.9



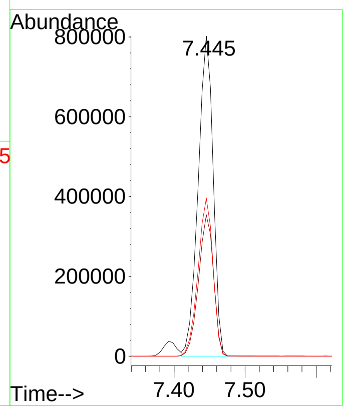
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

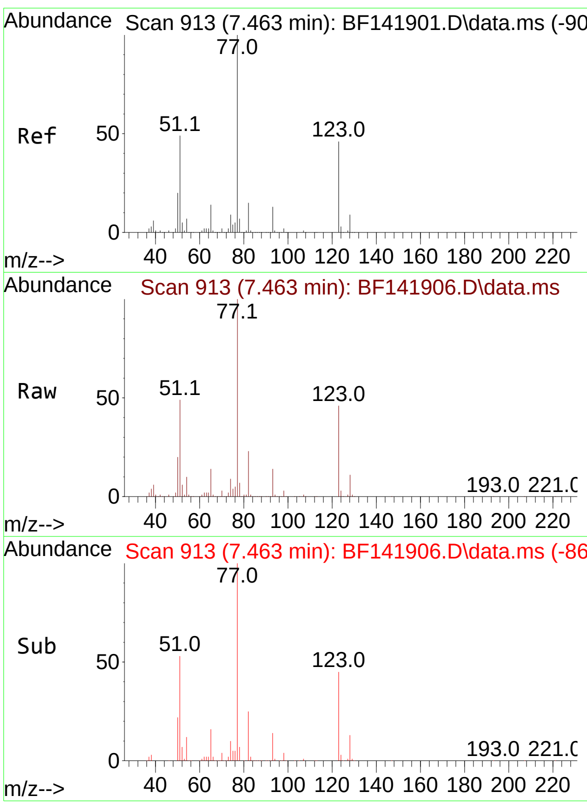


#23
Nitrobenzene-d5
Concen: 78.962 ng
RT: 7.445 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 82 Resp: 1179480

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.0	54.0
54	49.3	39.6	59.4

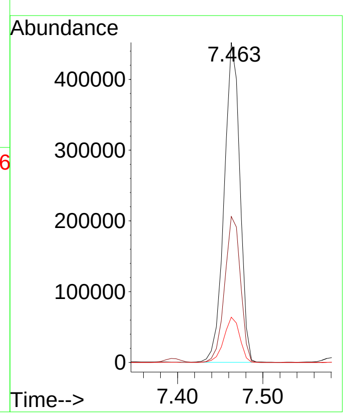




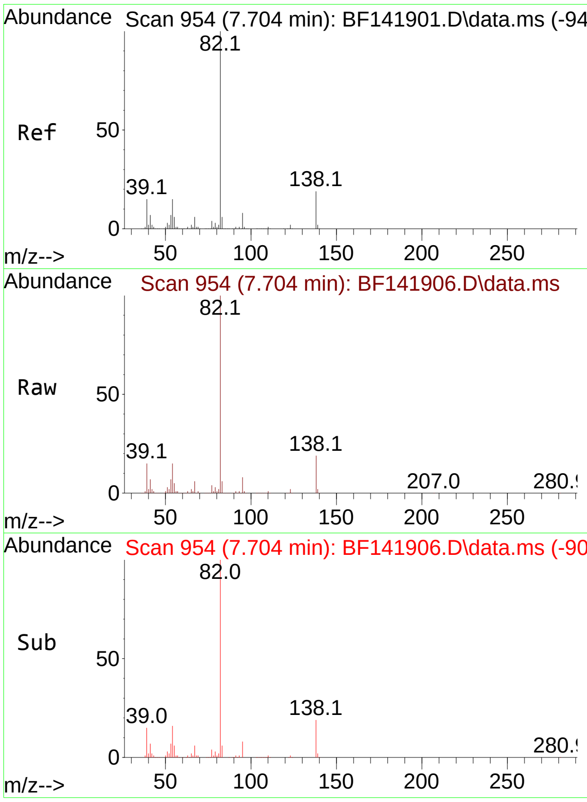
#24
Nitrobenzene
Concen: 38.980 ng
RT: 7.463 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 77 Resp: 578836

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.0	55.4
65	14.2	11.3	16.9



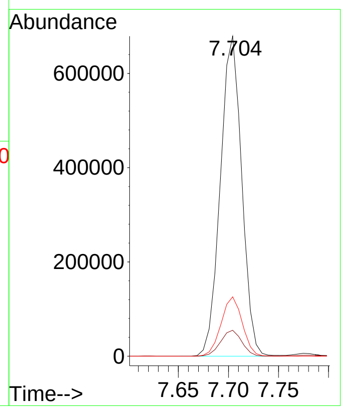
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

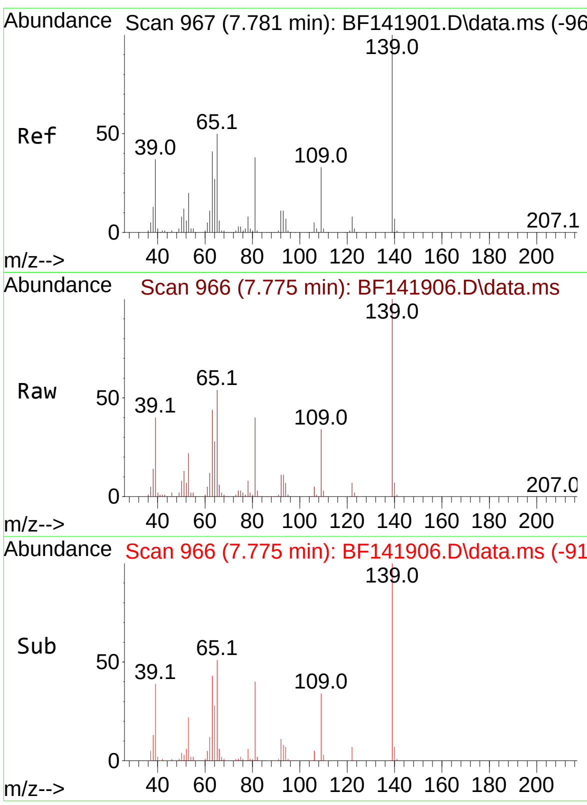


#25
Isophorone
Concen: 38.163 ng
RT: 7.704 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 82 Resp: 1007659

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.4	9.6
138	18.6	14.9	22.3

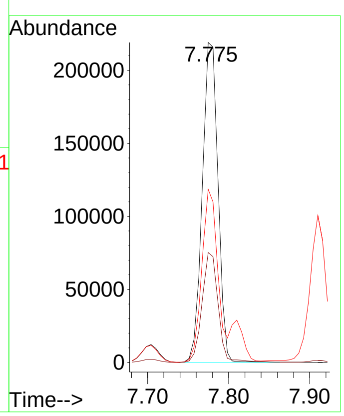




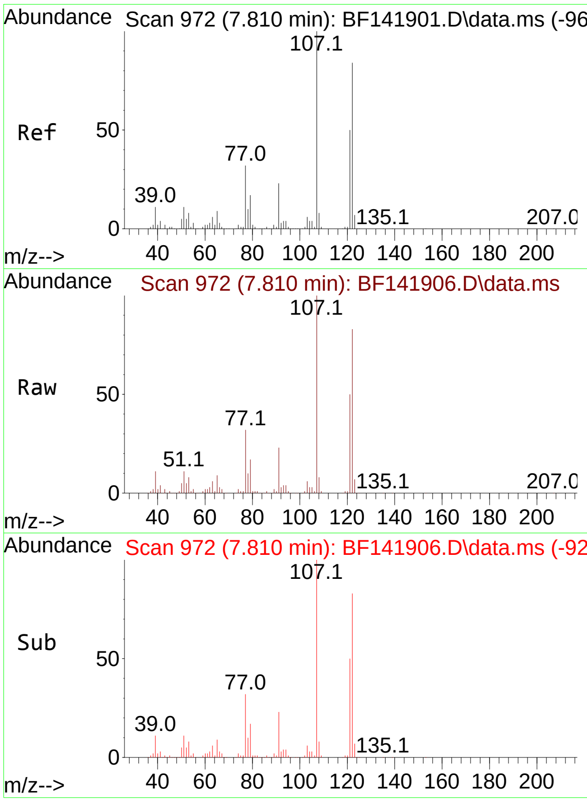
#26
2-Nitrophenol
Concen: 40.429 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:139 Resp: 294657

Ion	Ratio	Lower	Upper
139	100		
109	34.3	26.5	39.7
65	54.1	40.3	60.5



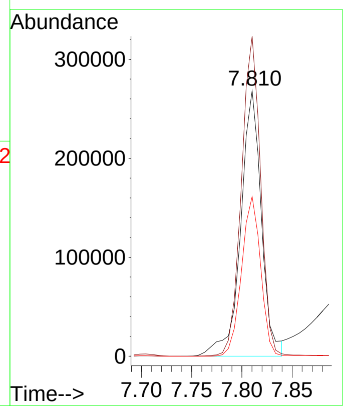
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

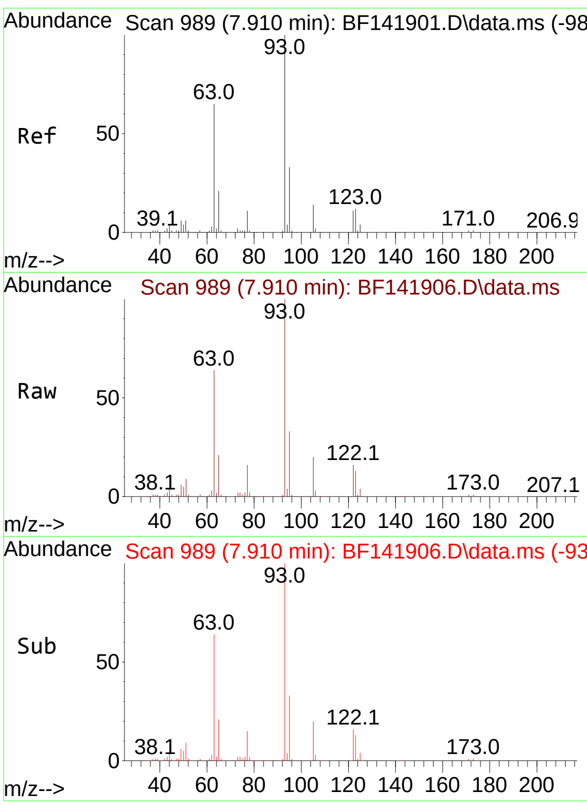


#27
2,4-Dimethylphenol
Concen: 38.414 ng
RT: 7.810 min   Scan# 9
Delta R.T.   0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025   15:53

Tgt Ion:122 Resp: 385504

Ion	Ratio	Lower	Upper
122	100		
107	120.5	94.8	142.2
121	60.1	47.8	71.6

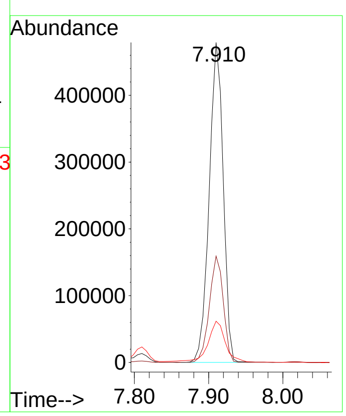




#28
bis(2-Chloroethoxy)methane
Concen: 37.943 ng
RT: 7.910 min   Scan# 989
Delta R.T.   0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025   15:53

Tgt Ion: 93 Resp: 628379

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	40.0
123	12.9	10.2	15.4



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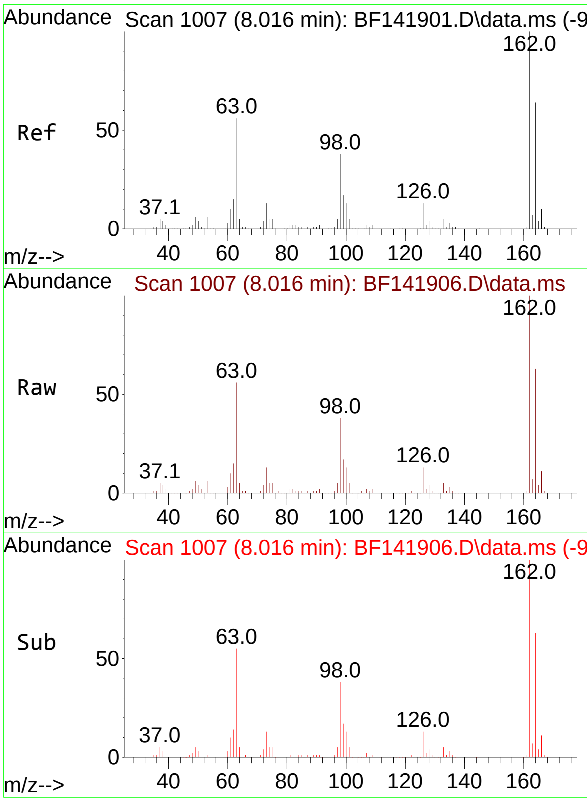
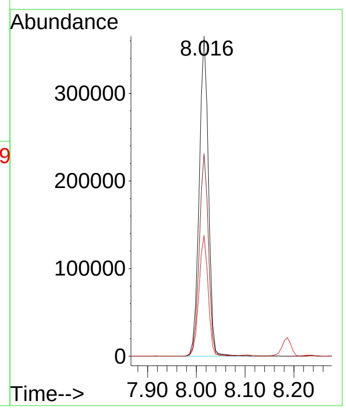
Instrument : BNA_F
ClientSampleId : ICVBF031025

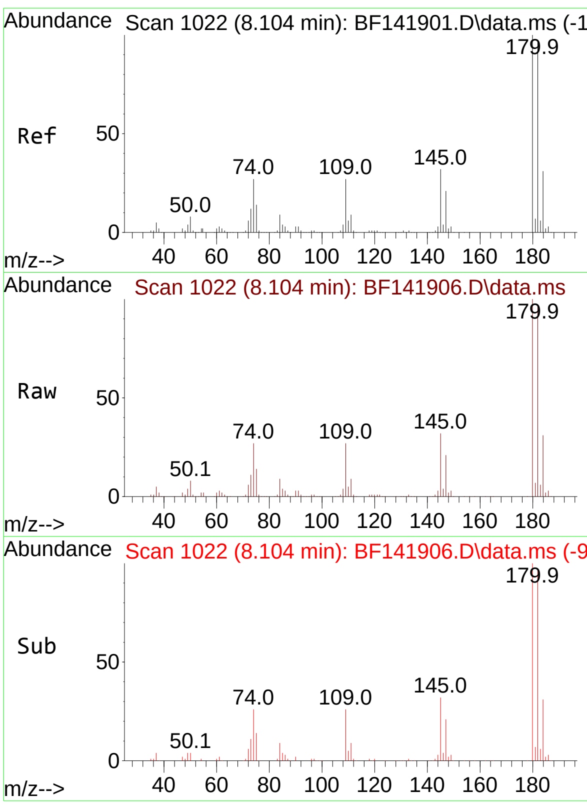


#29
2,4-Dichlorophenol
Concen: 38.952 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:162 Resp: 485205

Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.8	83.8
98	37.6	18.1	58.1

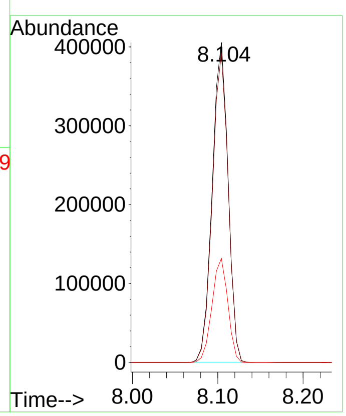




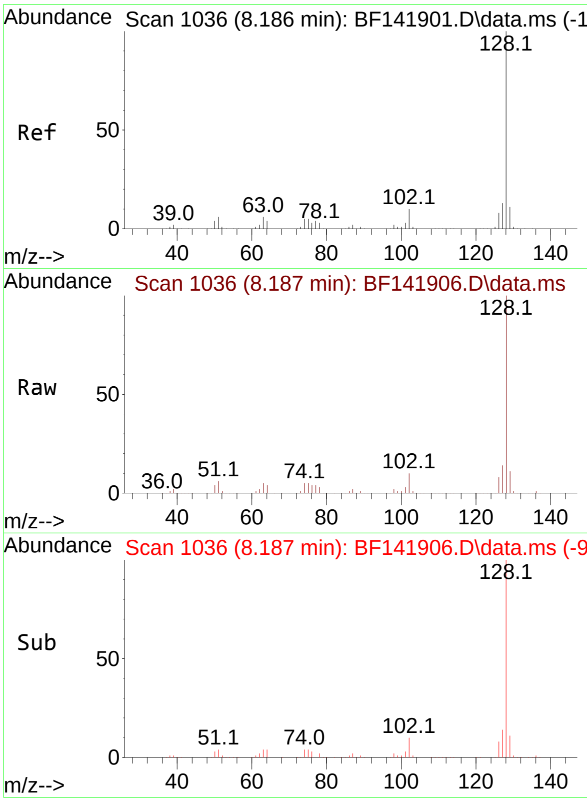
#30
1,2,4-Trichlorobenzene
Concen: 38.336 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:180 Resp: 526250

Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.5	116.3
145	32.5	25.8	38.6



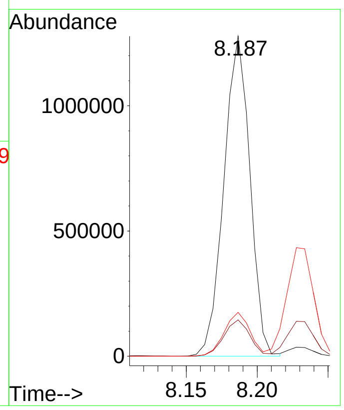
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

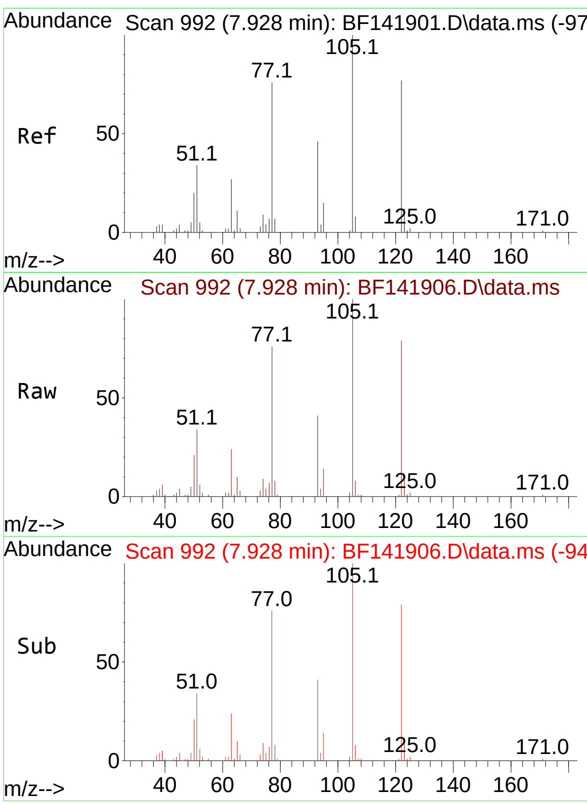


#31
Naphthalene
Concen: 37.827 ng
RT: 8.187 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025   15:53

Tgt Ion:128 Resp: 1633401

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.7	10.8	16.2

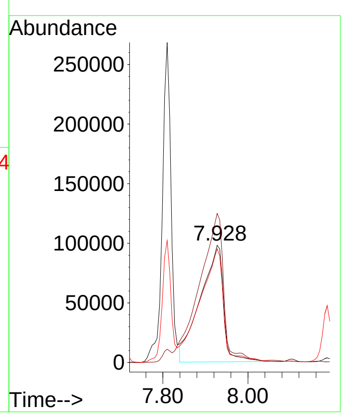




#32
Benzoic acid
Concen: 42.303 ng
RT: 7.928 min   Scan# 992
Delta R.T.   -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025   15:53

Tgt Ion:122 Resp: 373179

Ion	Ratio	Lower	Upper
122	100		
105	127.1	107.9	147.9
77	97.0	79.0	119.0



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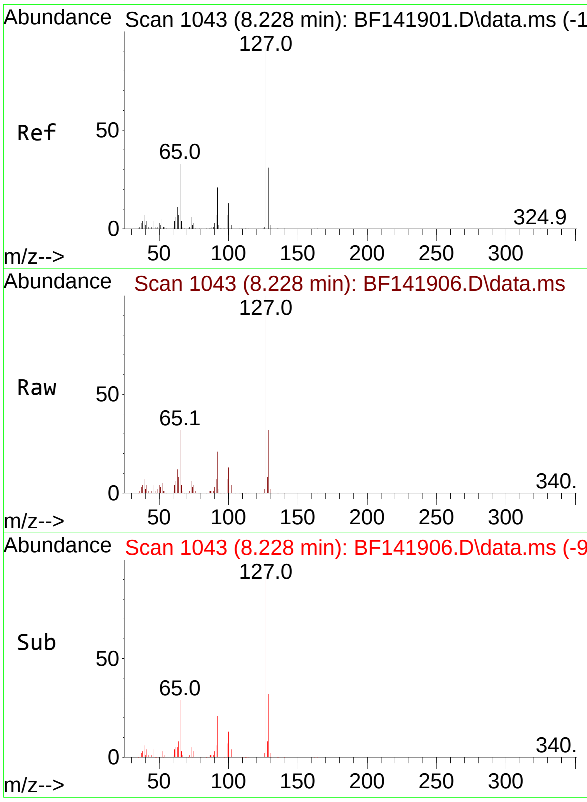
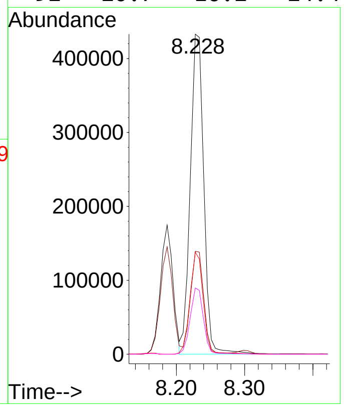


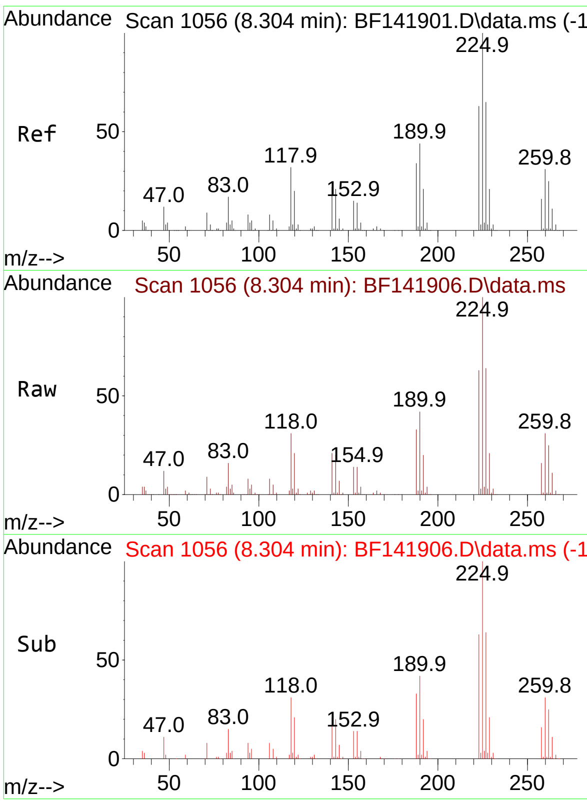
#33
4-Chloroaniline
Concen: 38.847 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Tgt Ion:127 Resp: 592172

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	31.9	25.4	38.2
92	20.7	16.2	24.4

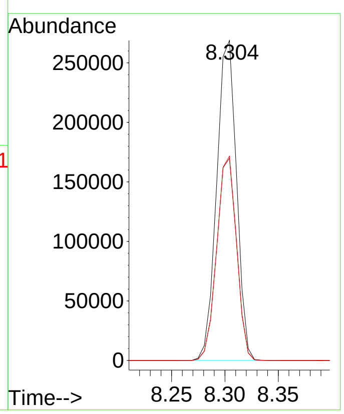




#34
Hexachlorobutadiene
Concen: 38.849 ng
RT: 8.304 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

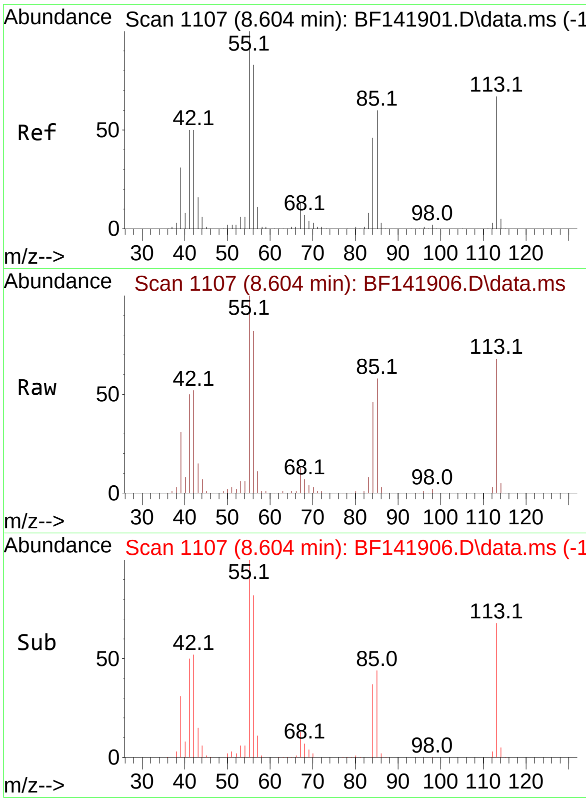
Tgt Ion:225 Resp: 347789

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	63.8	52.2	78.2



ICAL Form

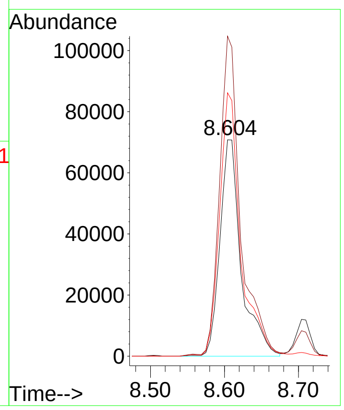
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

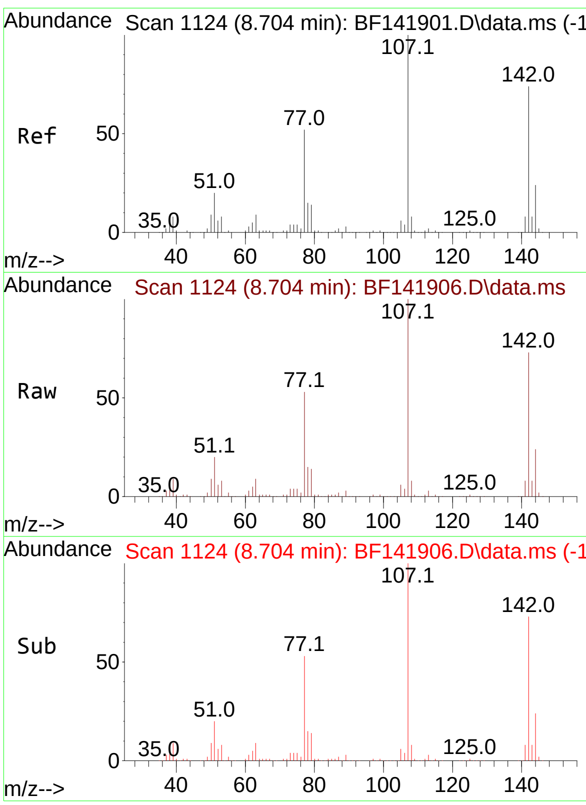


#35
Caprolactam
Concen: 37.276 ng
RT: 8.604 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025   15:53

Tgt Ion:113 Resp: 141562

Ion	Ratio	Lower	Upper
113	100		
55	148.0	129.6	169.6
56	121.8	104.0	144.0

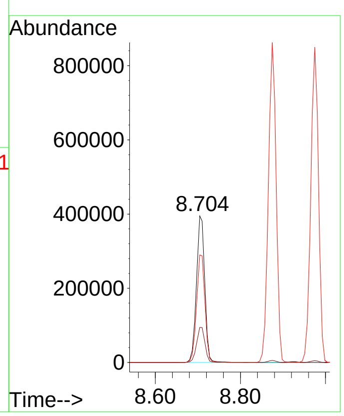




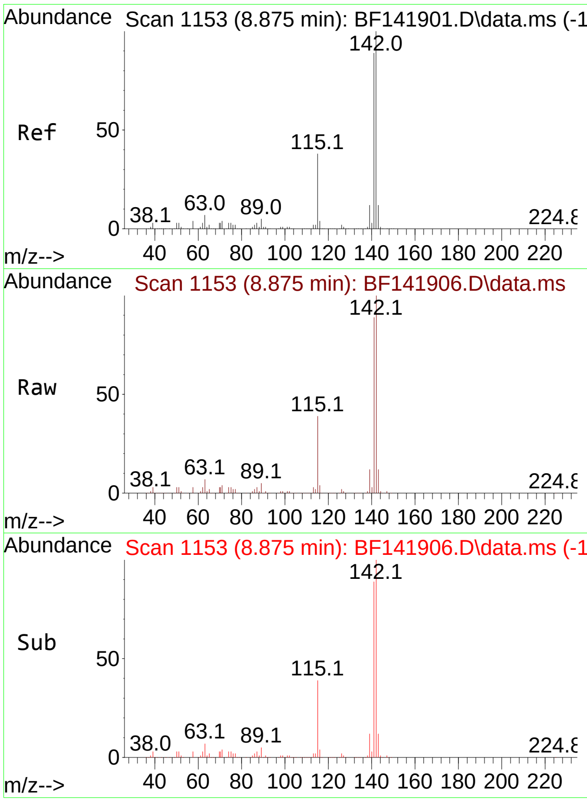
#36
4-Chloro-3-methylphenol
Concen: 38.550 ng
RT: 8.704 min   Scan# 1124
Delta R.T.   0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025   15:53

Tgt Ion:107 Resp: 535661

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.0	28.6
142	73.3	59.2	88.8



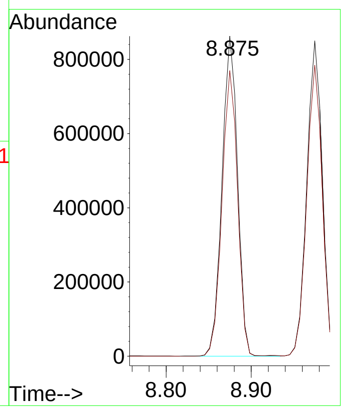
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

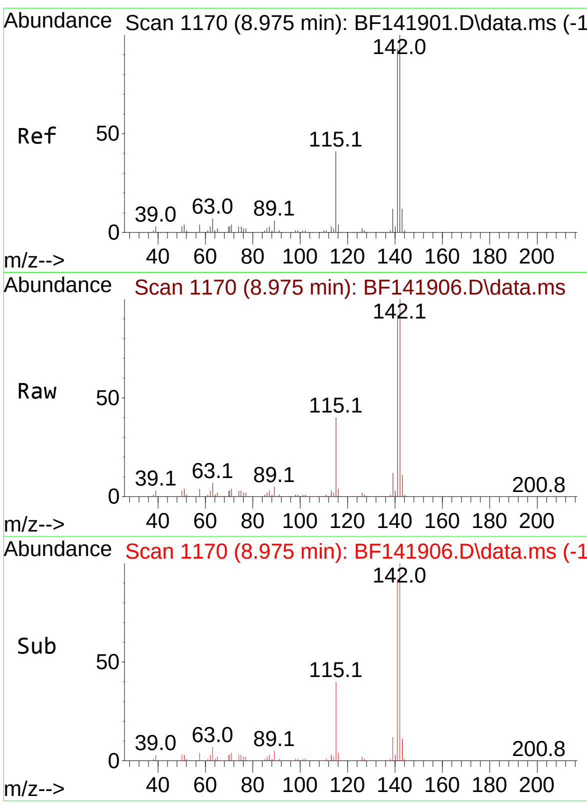


#37
2-Methylnaphthalene
Concen: 37.935 ng
RT: 8.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:142 Resp: 1094895

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.2	106.8

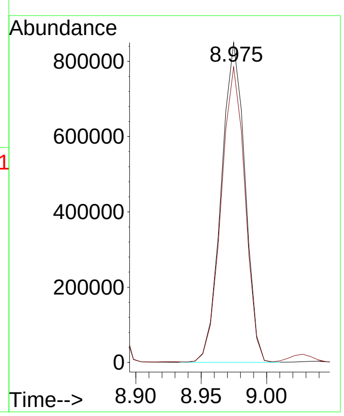


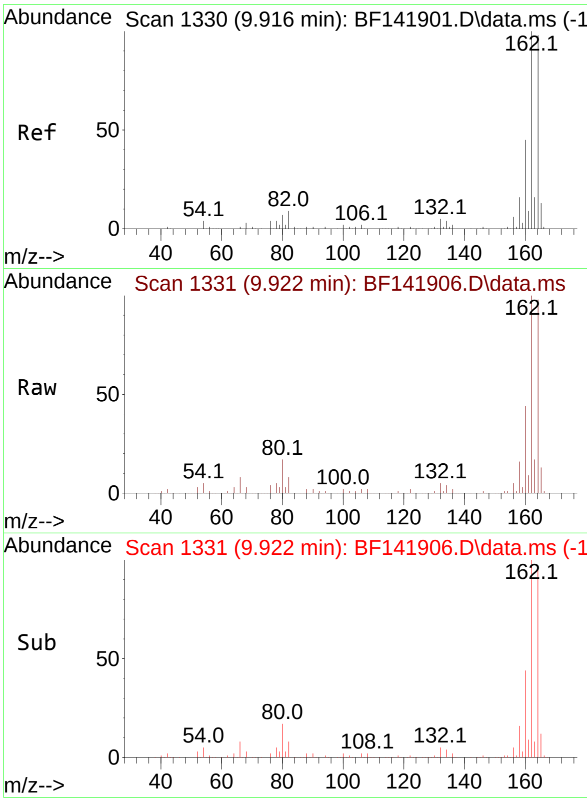


#38
1-Methylnaphthalene
Concen: 38.484 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:142 Resp: 1071850

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.2	111.4



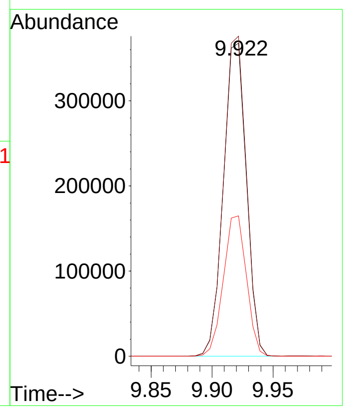


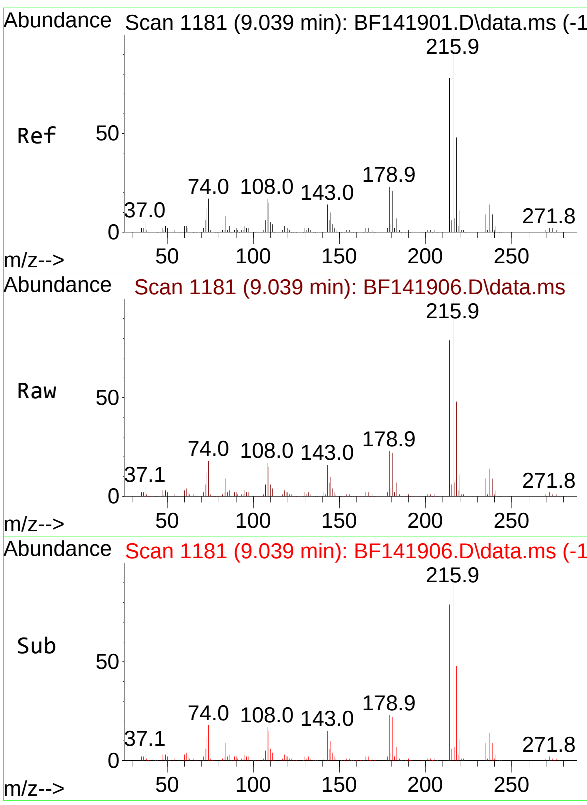
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Tgt Ion:164 Resp: 483165

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	44.8	36.7	55.1

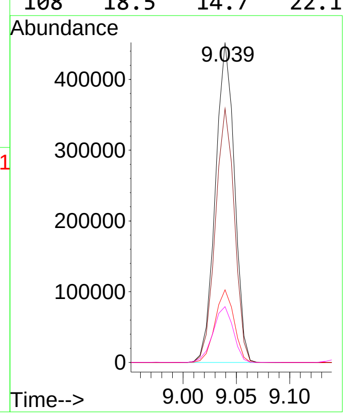




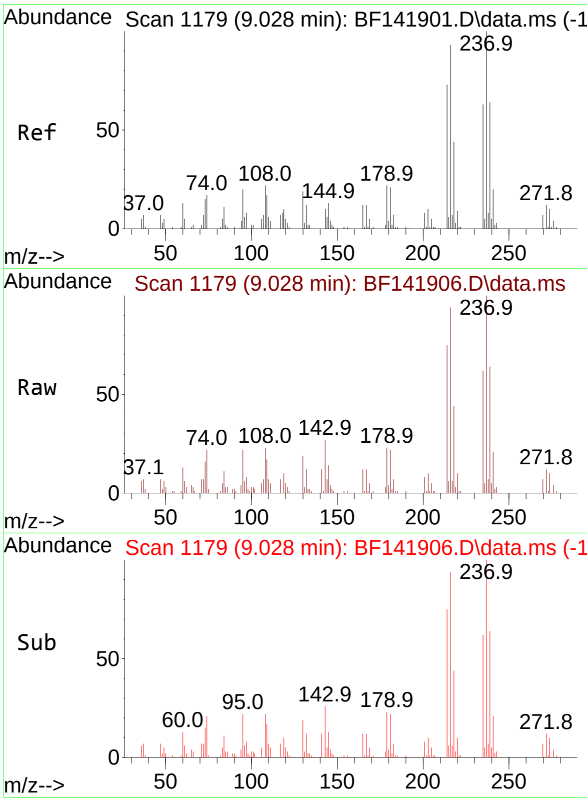
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.191 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:216 Resp: 561804

Ion	Ratio	Lower	Upper
216	100		
214	79.2	61.9	92.9
179	22.7	18.1	27.1
108	18.5	14.7	22.1



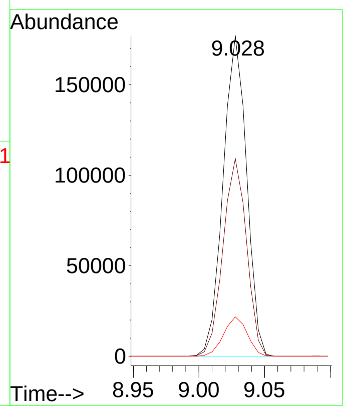
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

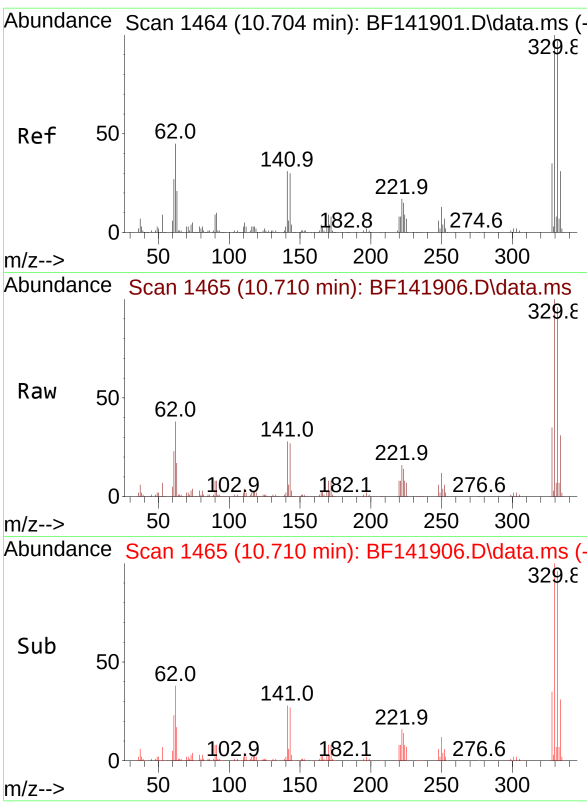


#41
Hexachlorocyclopentadiene
Concen: 38.281 ng
RT: 9.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:237 Resp: 220386

Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.1	83.1
272	12.3	0.0	32.0

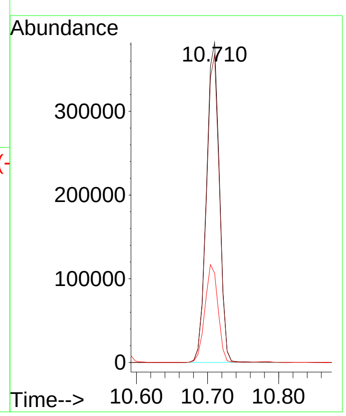




#42
2,4,6-Tribromophenol
Concen: 79.342 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:330 Resp: 486334

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	30.9	24.7	37.1



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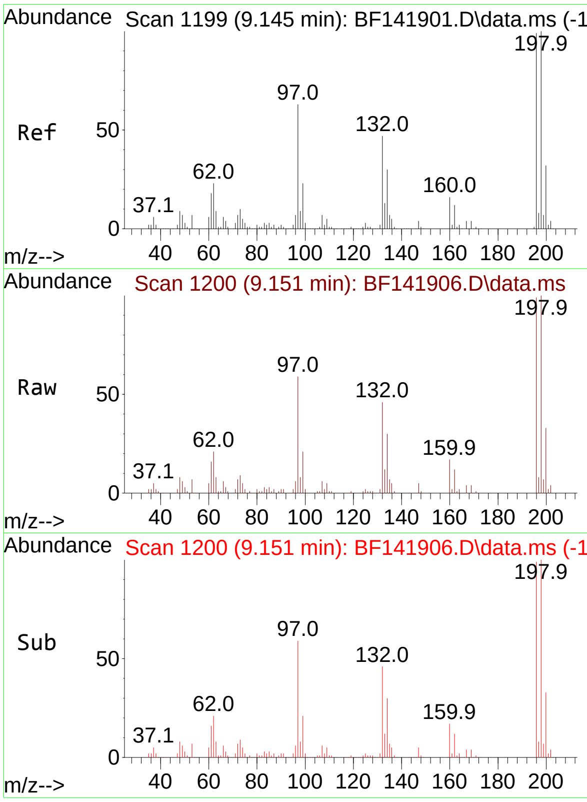
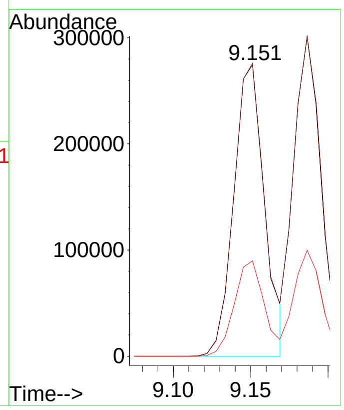
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

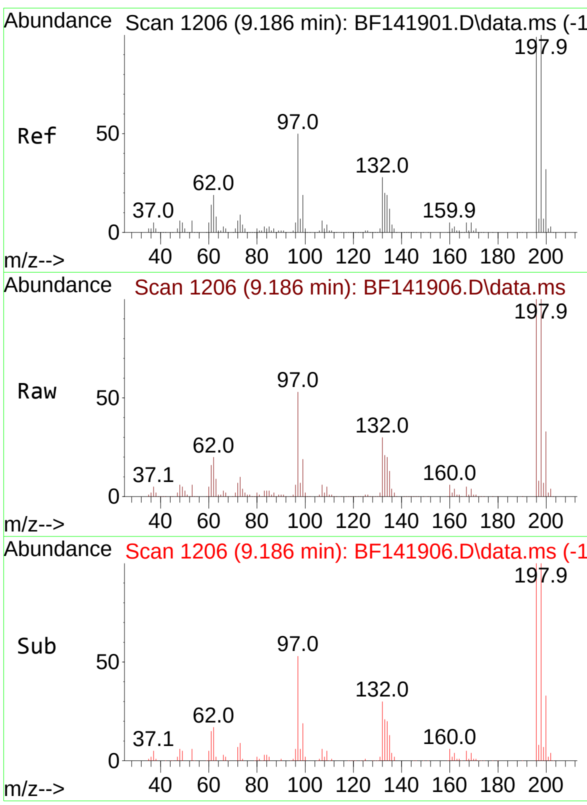


#43
2,4,6-Trichlorophenol
Concen: 39.292 ng
RT: 9.151 min   Scan# 1
Delta R.T.   0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025   15:53

Tgt Ion:196 Resp: 377743

Ion	Ratio	Lower	Upper
196	100		
198	100.6	80.6	121.0
200	32.8	25.8	38.6

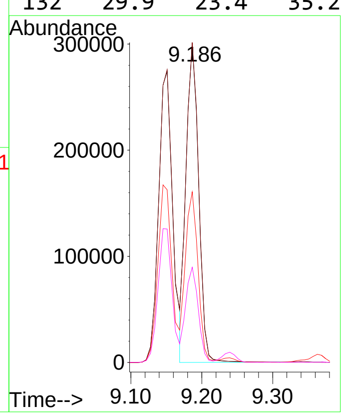




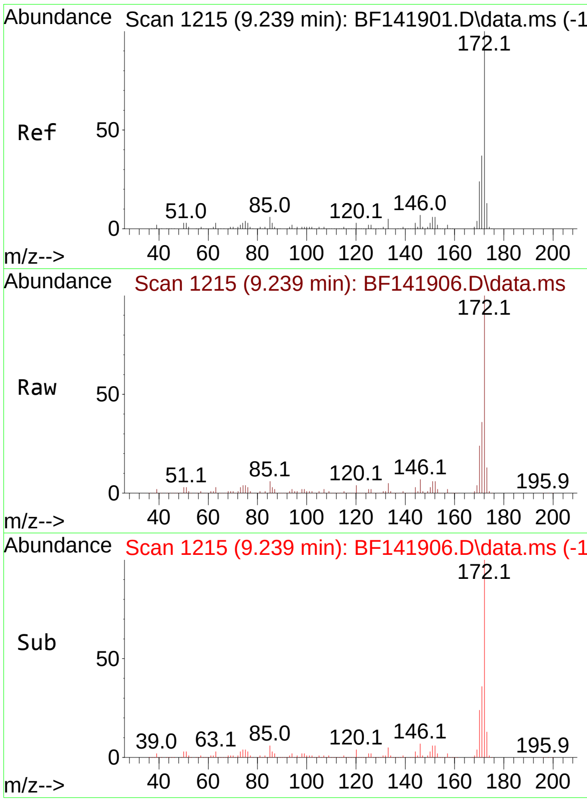
#44
2,4,5-Trichlorophenol
Concen: 38.263 ng
RT: 9.186 min   Scan# 1206
Delta R.T.   0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025   15:53

Tgt Ion:196 Resp: 372564

Ion	Ratio	Lower	Upper
196	100		
198	100.3	80.7	121.1
97	53.5	42.1	63.1
132	29.9	23.4	35.2



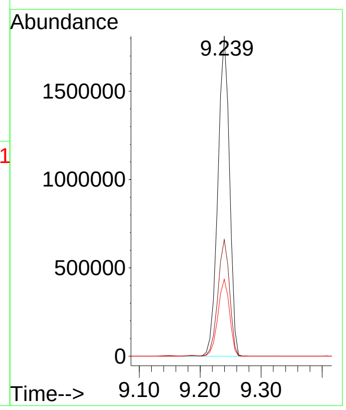
Instrument : BNA_F
ClientSampleId : ICVBF031025

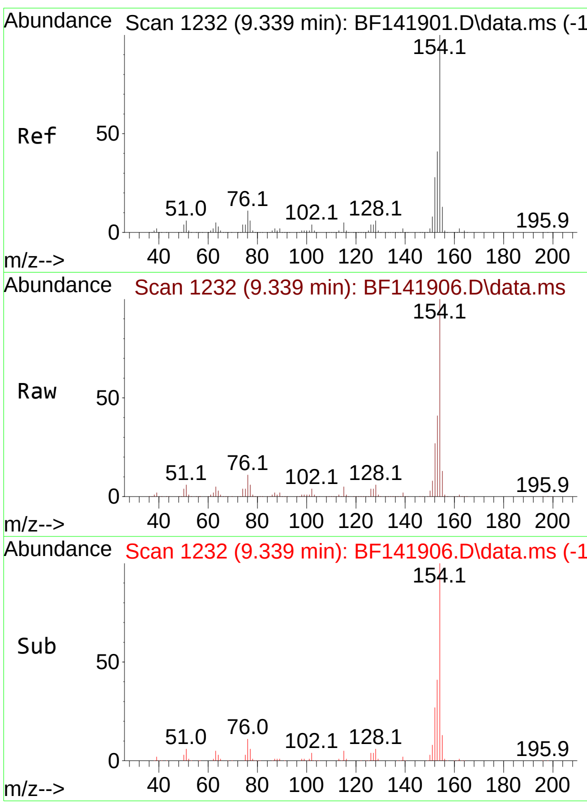


#45
2-Fluorobiphenyl
Concen: 75.528 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:172 Resp: 2399526

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	24.1	19.4	29.0

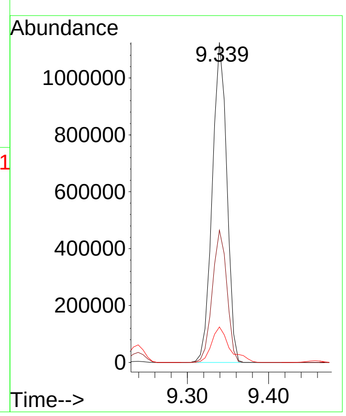




#46
1,1'-Biphenyl
Concen: 38.182 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

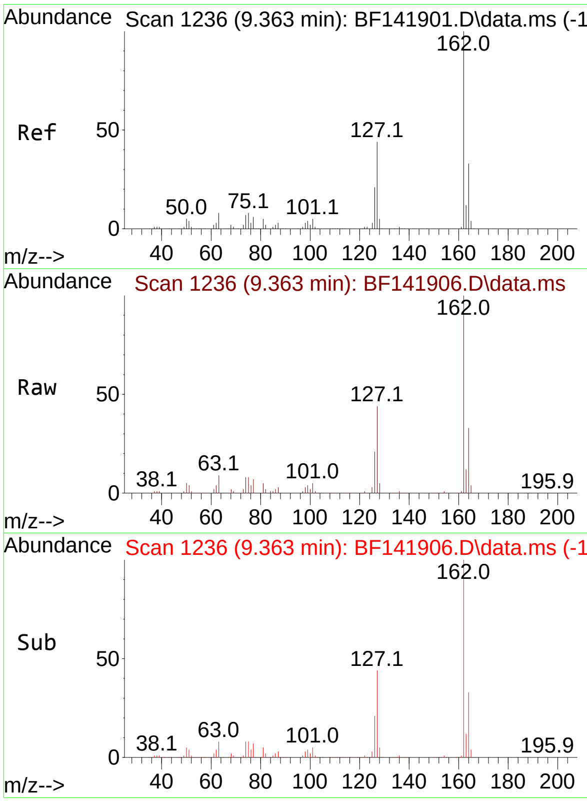
Tgt Ion:154 Resp: 1401736

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.1	61.1
76	11.1	0.0	31.3

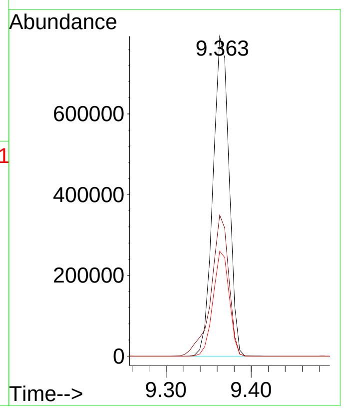


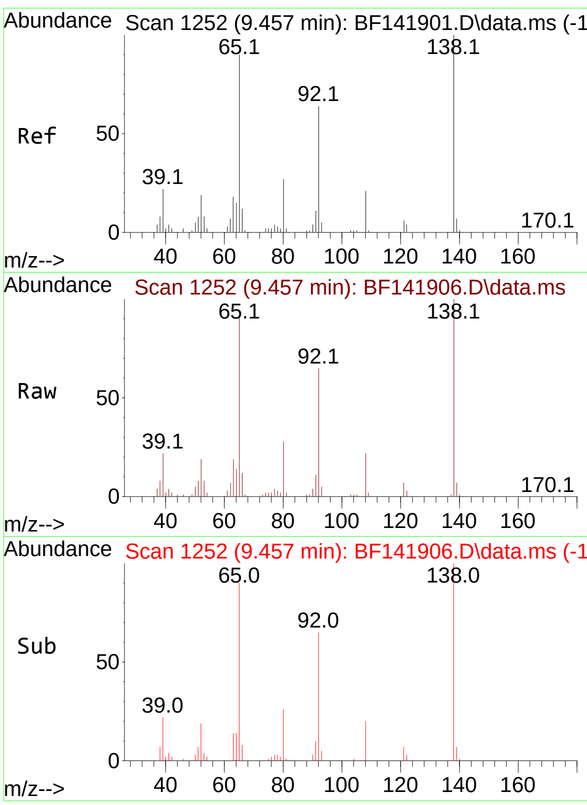
Instrument : BNA_F

ClientSampleId : ICVBF031025

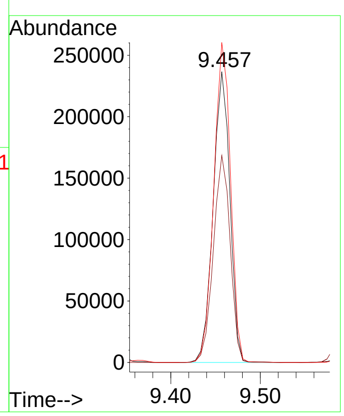



```
#47
2-Chloronaphthalene
Concen:   38.090 ng
RT:   9.363 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141906.D
Acq: 10 Mar 2025  15:53

Tgt Ion:162 Resp: 1042241
Ion  Ratio  Lower  Upper
162  100
127   44.1   35.5   53.3
164   32.8   26.6   40.0
```






```
#48
2-Nitroaniline
Concen:   38.908 ng
RT:   9.457 min  Scan# 1252
Delta R.T.  0.000 min
Lab File:   BF141906.D
Acq: 10 Mar 2025  15:53

Tgt Ion: 65 Resp:  308259
Ion  Ratio  Lower  Upper
 65  100
 92   71.2   56.6   84.8
138  110.1   88.6  133.0
```



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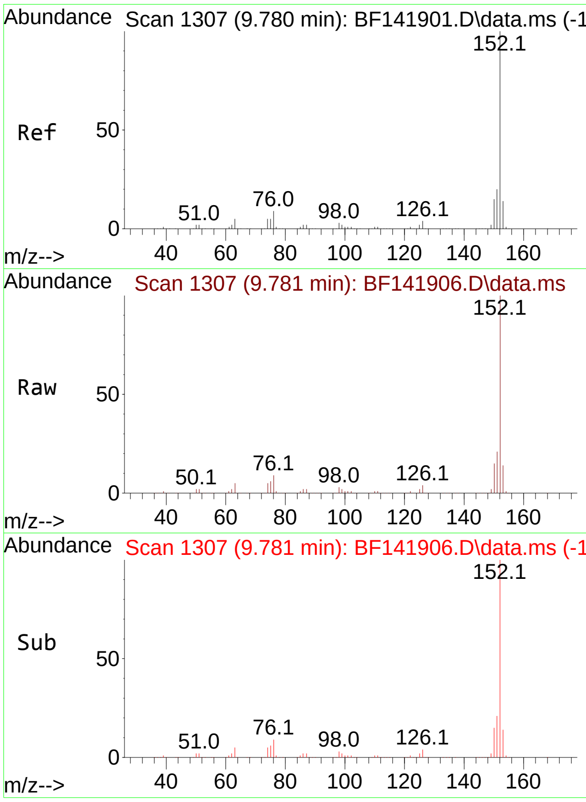
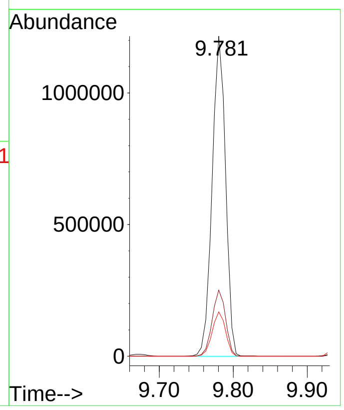
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

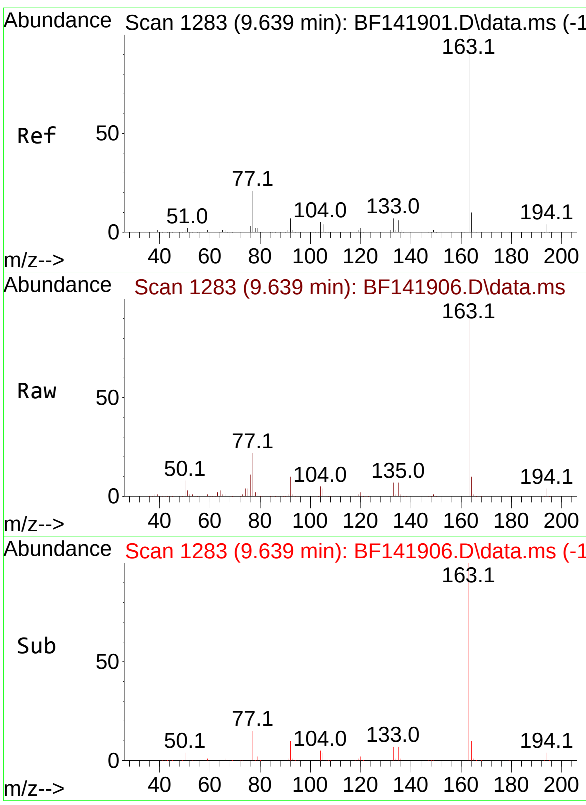


#49
Acenaphthylene
Concen: 37.725 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:152 Resp: 1531852

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.9	11.1	16.7

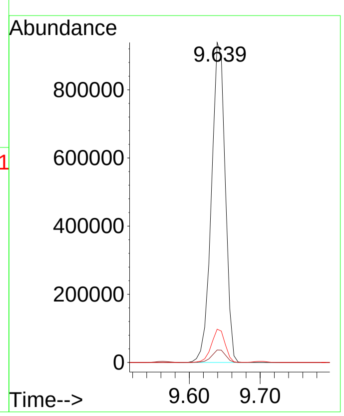




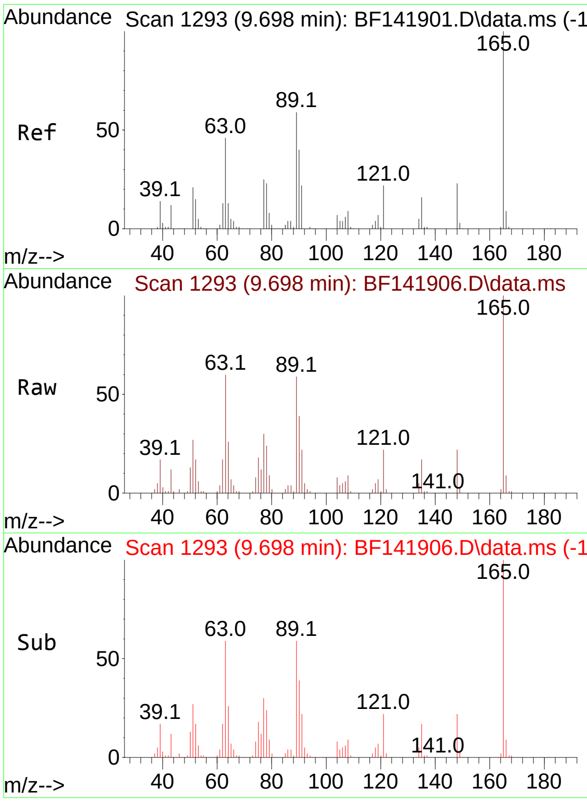
#50
Dimethylphthalate
Concen: 37.611 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:163 Resp: 1272572

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.4	8.2	12.4



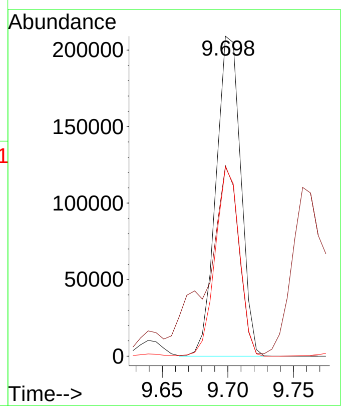
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

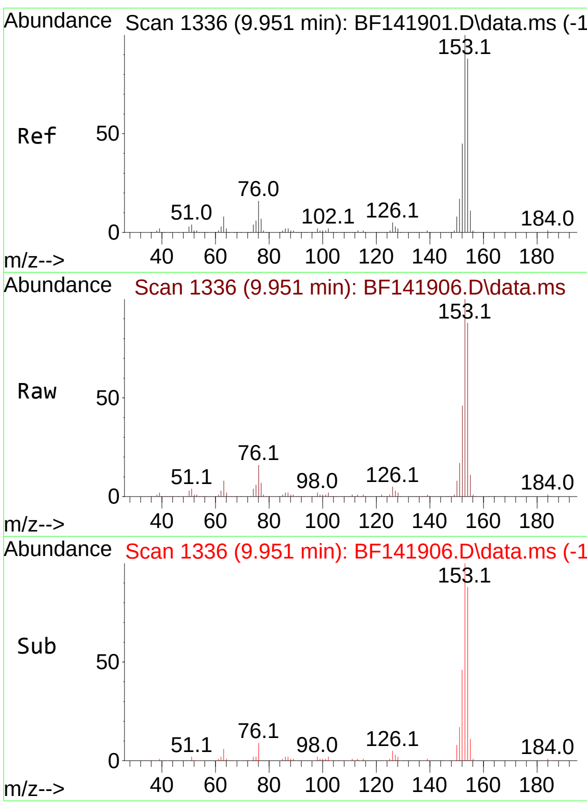


#51
2,6-Dinitrotoluene
Concen: 38.970 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:165 Resp: 274531

Ion	Ratio	Lower	Upper
165	100		
63	59.5	47.0	70.4
89	59.1	47.4	71.2

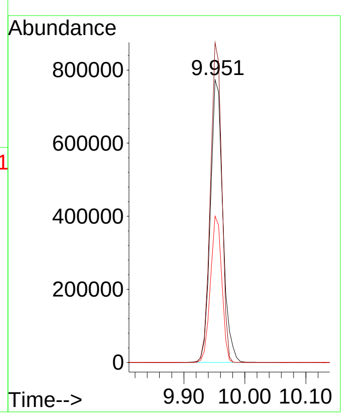




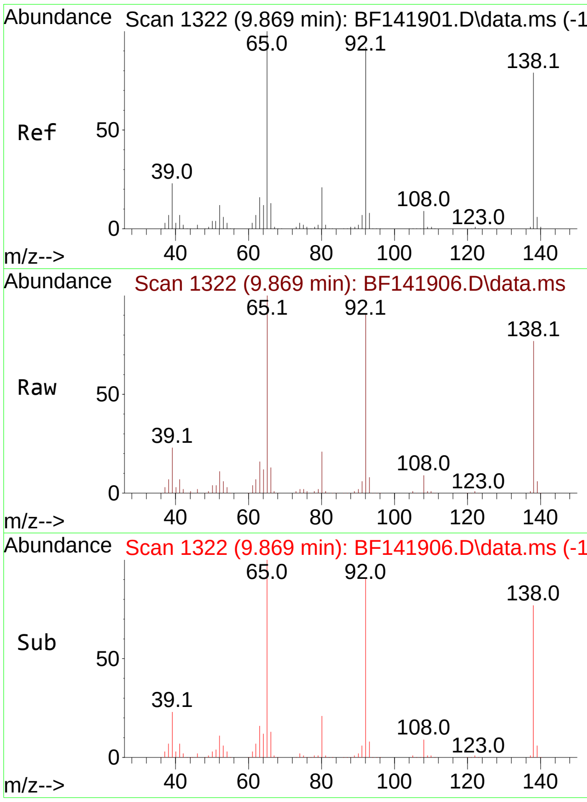
#52
Acenaphthene
Concen: 38.405 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:154 Resp: 1095922

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.7	136.1
152	51.8	41.1	61.7



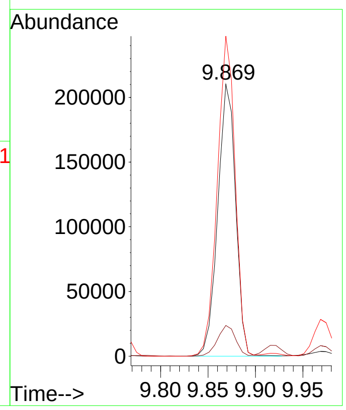
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

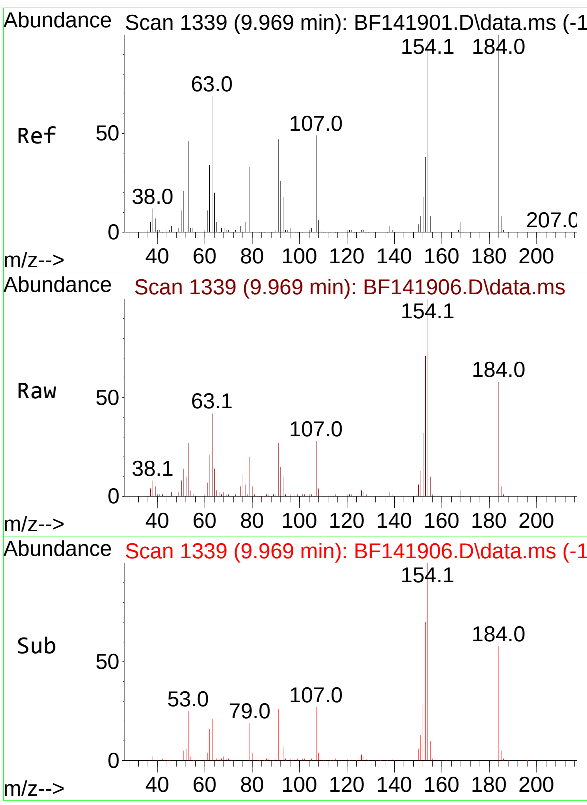


#53
3-Nitroaniline
Concen: 38.561 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:138 Resp: 275555

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.3	13.9
92	117.7	93.5	140.3

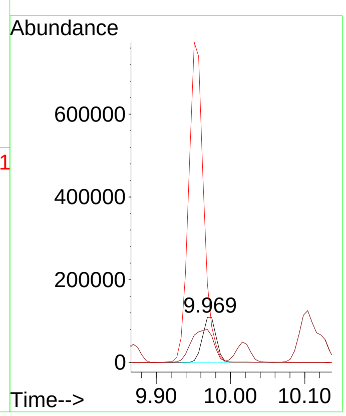




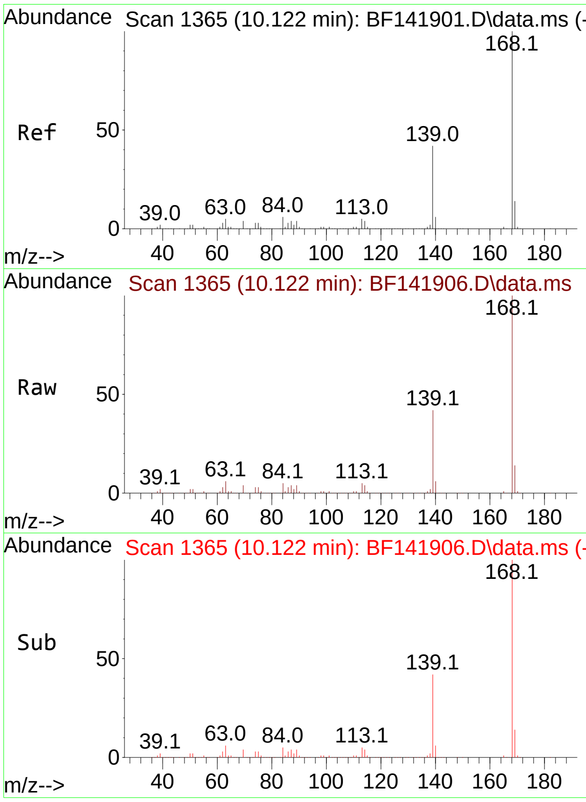
#54
2,4-Dinitrophenol
Concen: 39.326 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:184 Resp: 142831

Ion	Ratio	Lower	Upper
184	100		
63	73.1	60.2	90.4
154	173.5	132.9	199.3



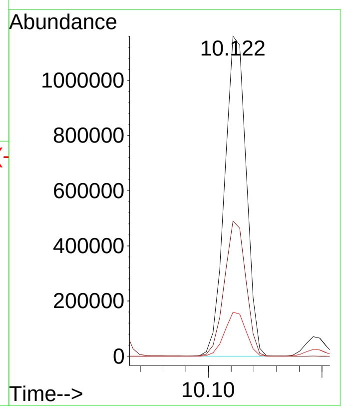
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

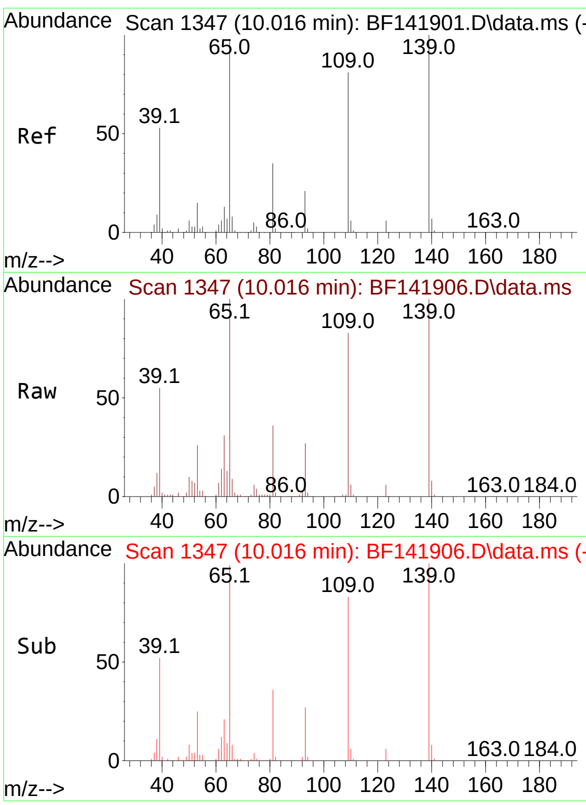


#55
Dibenzofuran
Concen: 37.778 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:168 Resp: 1540381

Ion	Ratio	Lower	Upper
168	100		
139	42.2	33.9	50.9
169	13.8	11.0	16.4

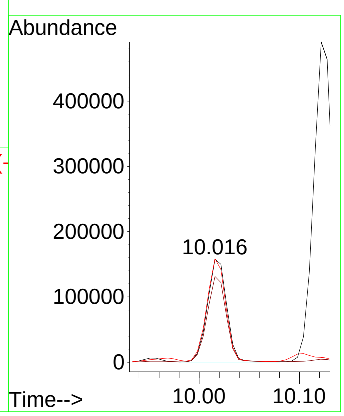




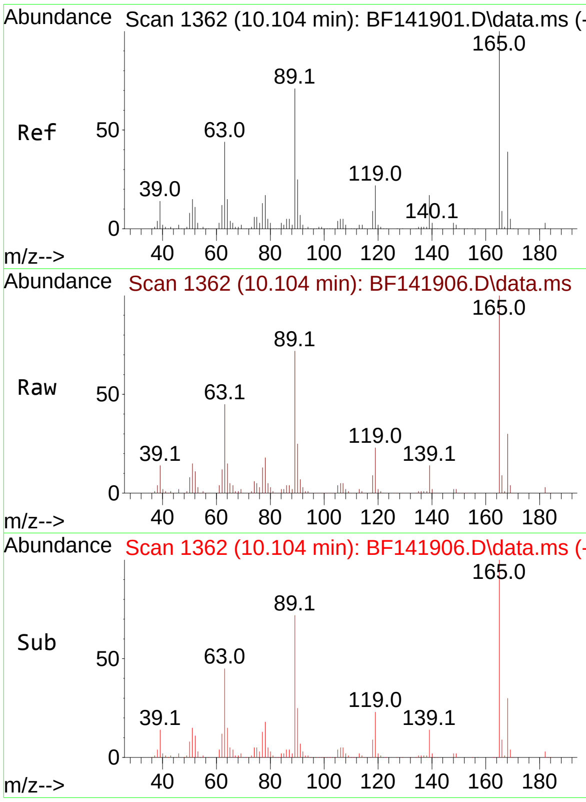
#56
4-Nitrophenol
Concen: 39.425 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:139 Resp: 212462

Ion	Ratio	Lower	Upper
139	100		
109	83.2	61.6	101.6
65	100.4	79.4	119.4



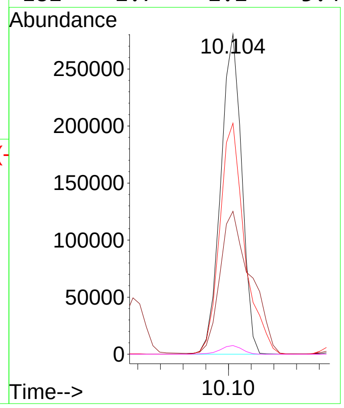
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

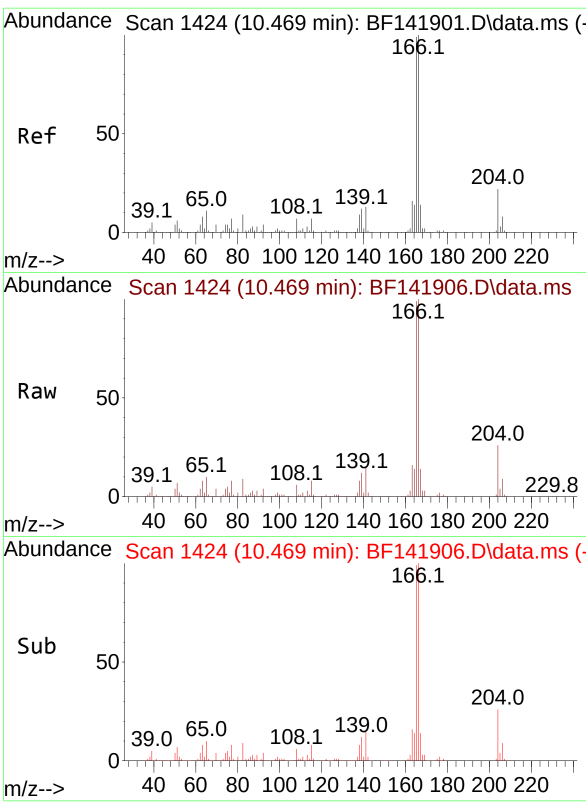


#57
2,4-Dinitrotoluene
Concen: 39.291 ng
RT: 10.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:165 Resp: 361518

Ion	Ratio	Lower	Upper
165	100		
63	44.7	35.4	53.2
89	72.2	56.6	84.8
182	2.7	2.2	3.4

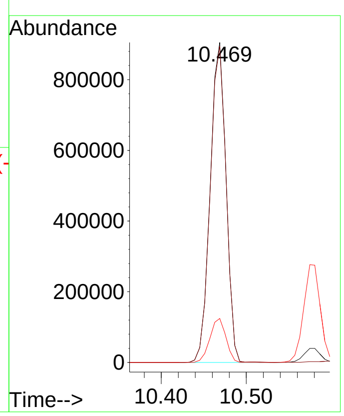




#58
Fluorene
Concen: 37.381 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:166 Resp: 1175392

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.4
167	13.8	11.0	16.4



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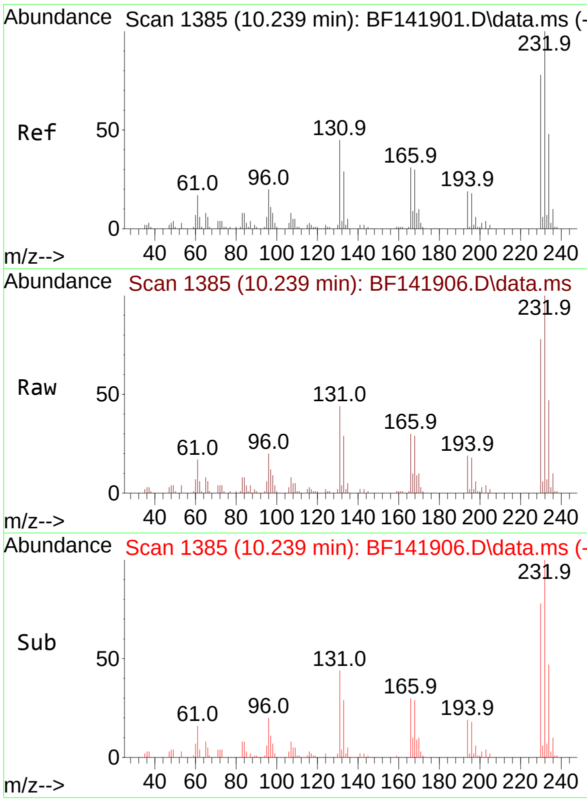
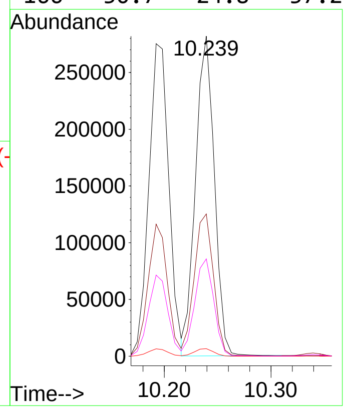


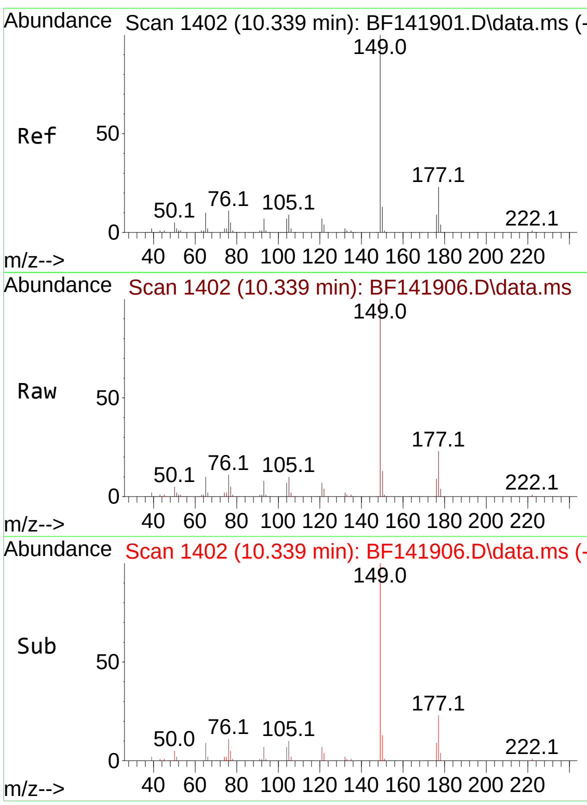
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.070 ng
RT: 10.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Tgt Ion:232 Resp: 346168

Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.3	55.9
130	2.4	1.9	2.9
166	30.7	24.8	37.2

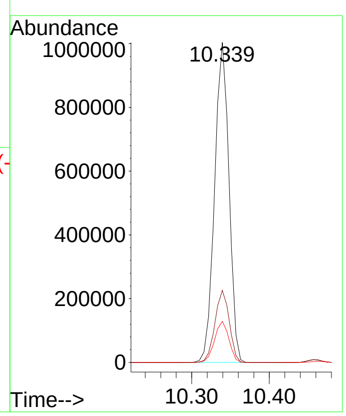




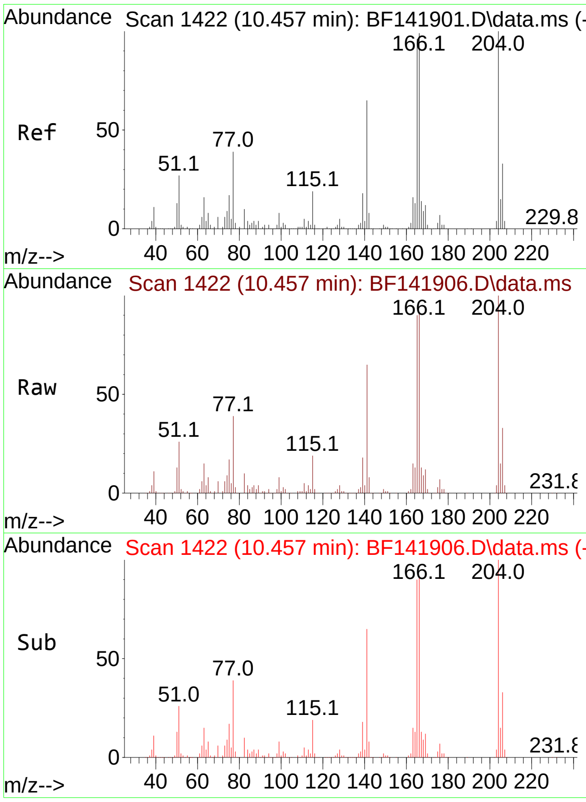
#60
Diethylphthalate
Concen: 38.337 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:149 Resp: 1293401

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.0	27.0
150	12.8	10.2	15.4



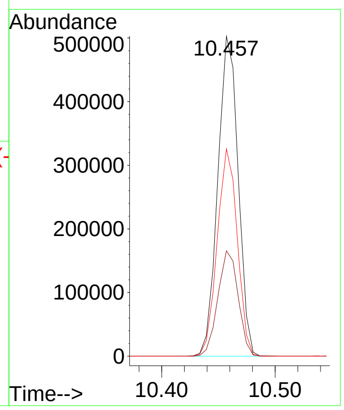
Instrument : BNA_F
ClientSampleId : ICVBF031025

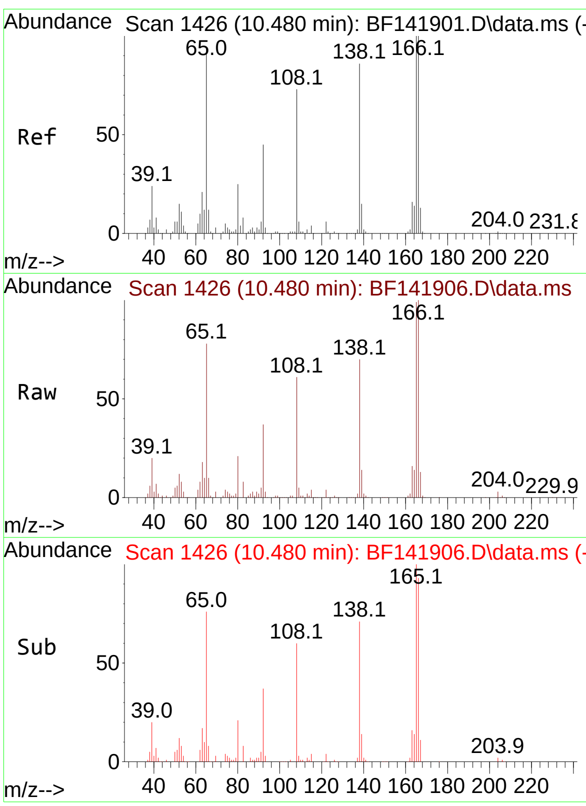


#61
4-Chlorophenyl-phenylether
Concen: 38.272 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:204 Resp: 627404

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.8	40.2
141	64.8	52.4	78.6

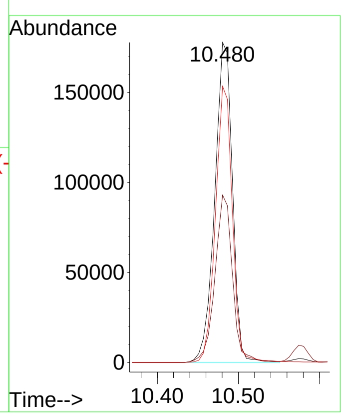




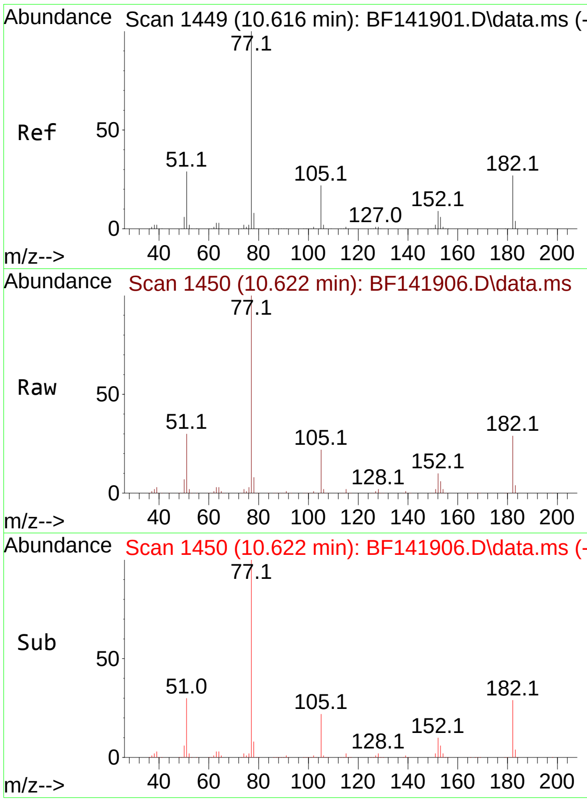
#62
4-Nitroaniline
Concen: 38.953 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:138 Resp: 270993

Ion	Ratio	Lower	Upper
138	100		
92	52.3	32.6	72.6
108	86.3	65.0	105.0



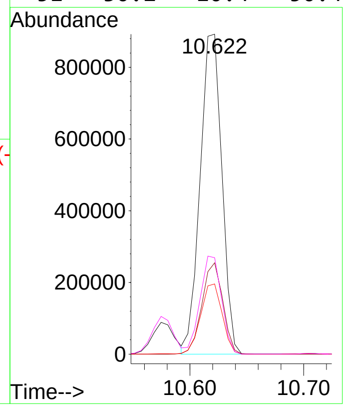
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

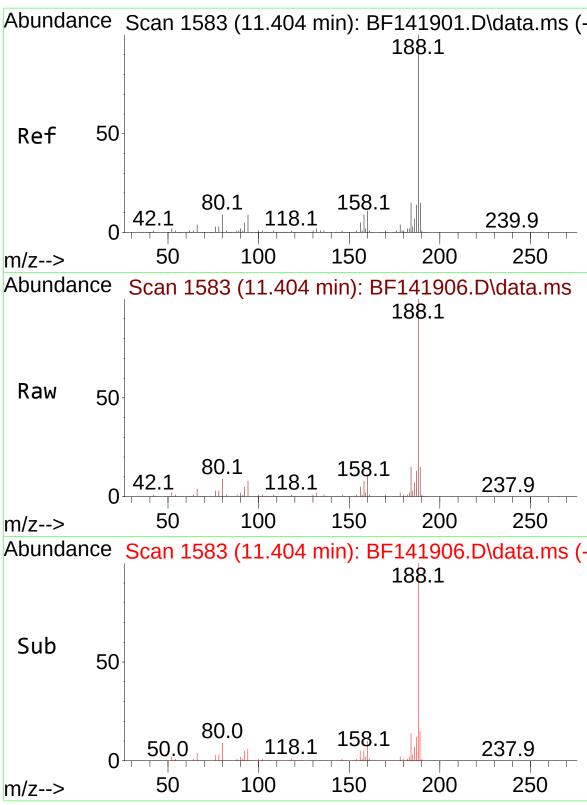


#63
Azobenzene
Concen: 37.911 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 77 Resp: 1189121

Ion	Ratio	Lower	Upper
77	100		
182	28.5	6.6	46.6
105	22.0	1.3	41.3
51	30.2	10.4	50.4

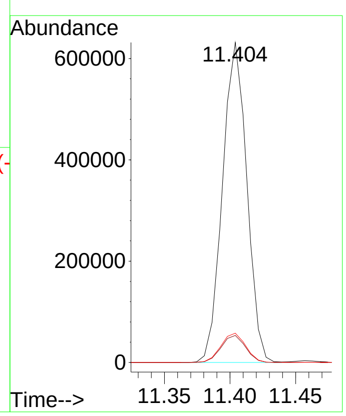




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:188 Resp: 813672

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.1	7.6	11.4



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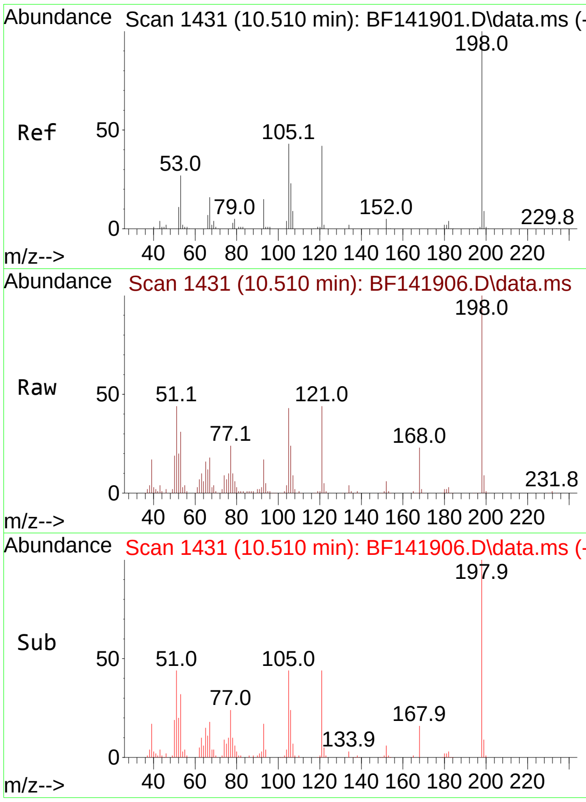
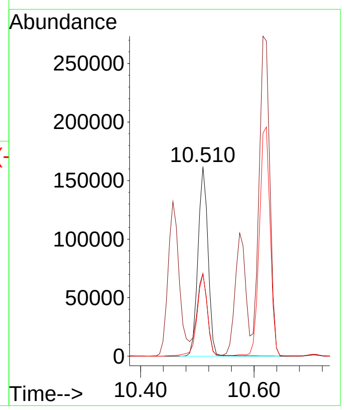
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

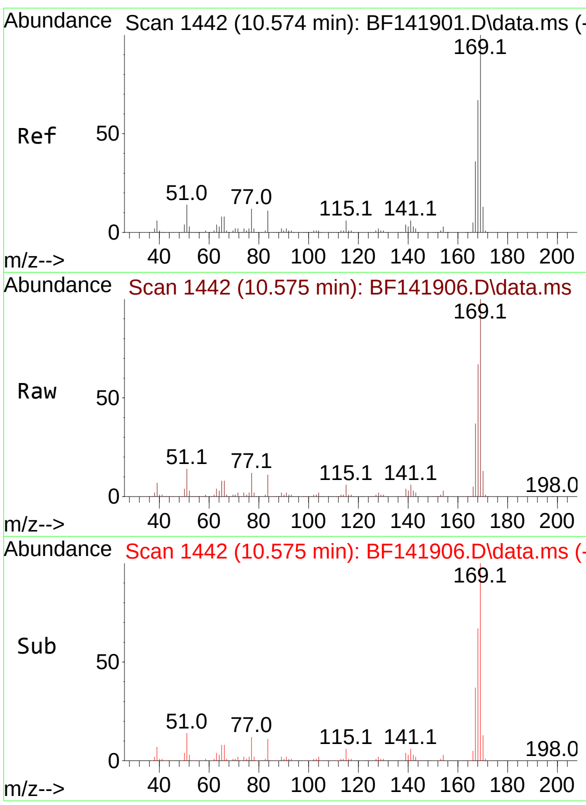


#65
4,6-Dinitro-2-methylphenol
Concen: 41.415 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:198 Resp: 200888

Ion	Ratio	Lower	Upper
198	100		
51	43.7	22.3	62.3
105	43.4	23.0	63.0

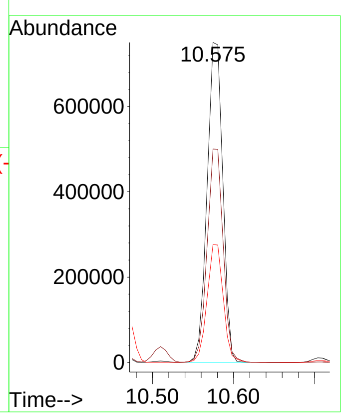




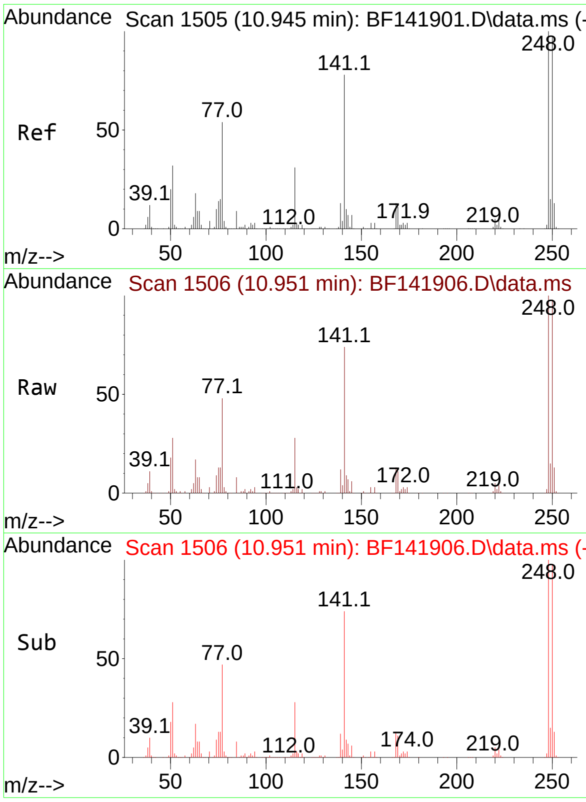
#66
n-Nitrosodiphenylamine
Concen: 38.283 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:169 Resp: 1008029

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.7	80.5
167	36.9	29.2	43.8



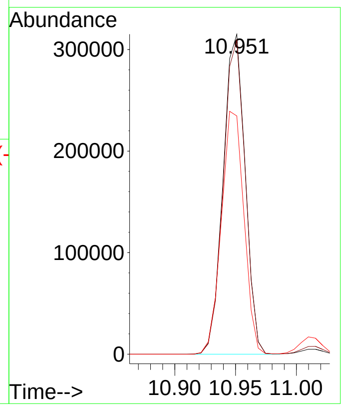
Instrument : BNA_F
ClientSampleId : ICVBF031025

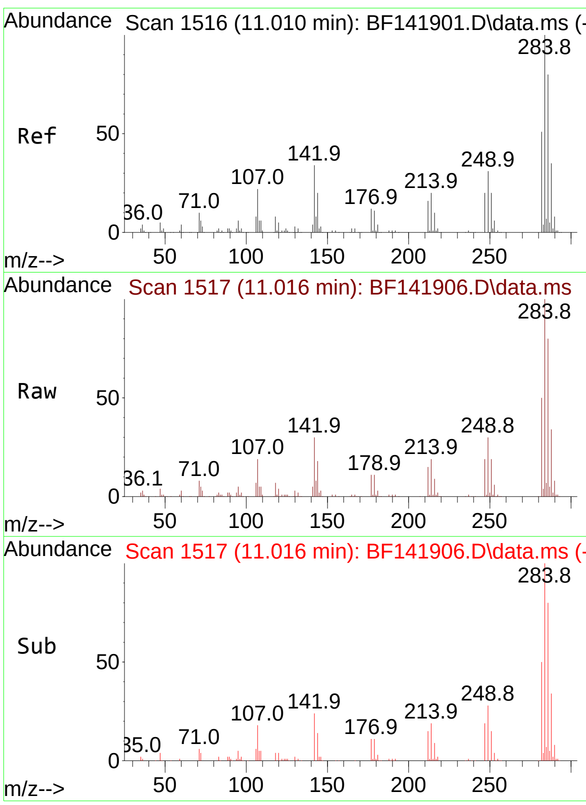


#67
4-Bromophenyl-phenylether
Concen: 39.015 ng
RT: 10.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:248 Resp: 398683

Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.8	116.8
141	74.4	62.6	93.8

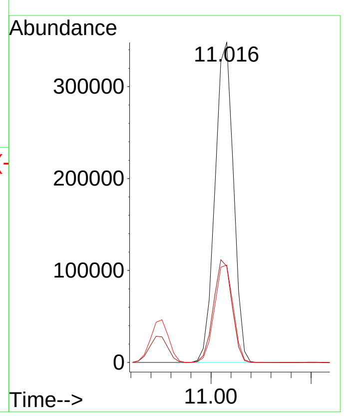




#68
Hexachlorobenzene
Concen: 39.789 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:284 Resp: 445938

Ion	Ratio	Lower	Upper
284	100		
142	30.0	27.0	40.6
249	30.5	25.2	37.8



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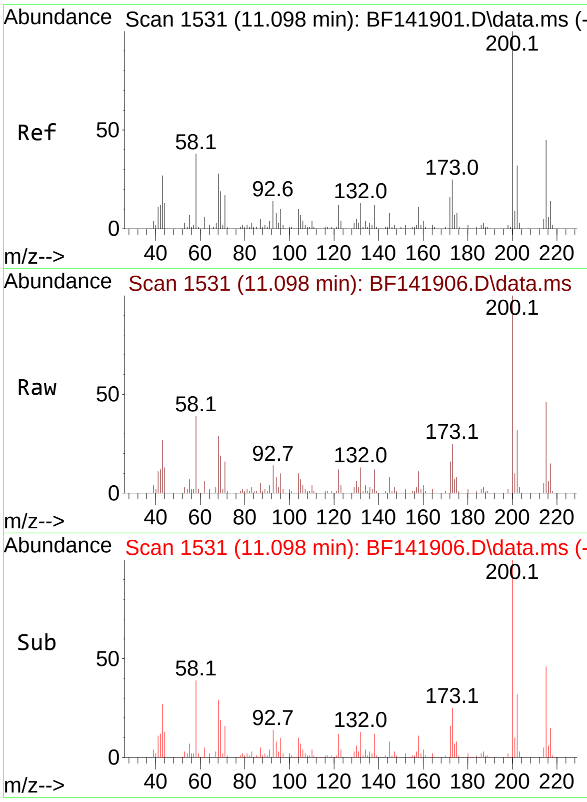
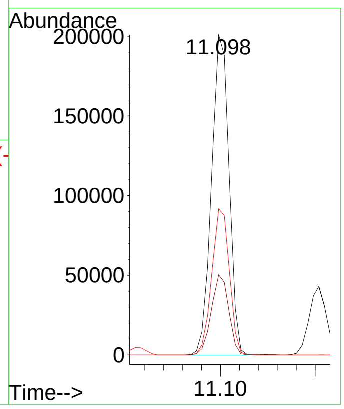
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

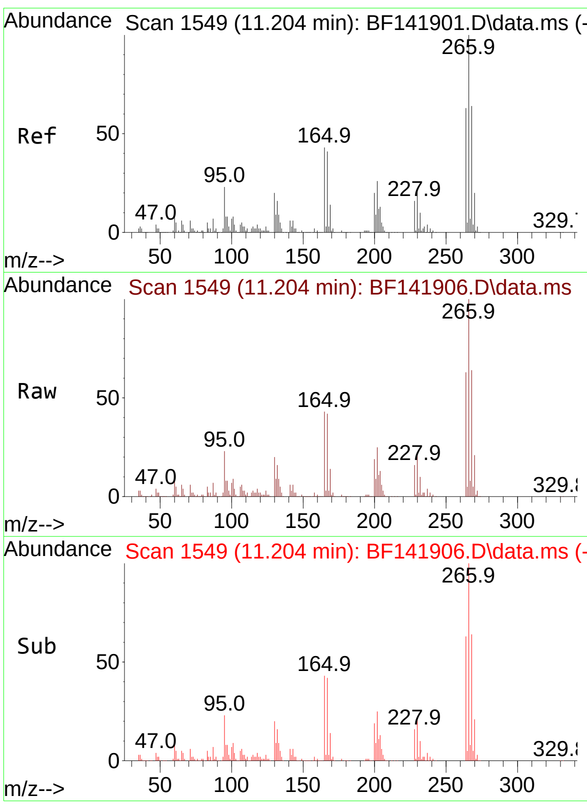


#69
Atrazine
Concen: 31.945 ng
RT: 11.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:200 Resp: 257856

Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.7	44.7
215	45.7	25.4	65.4

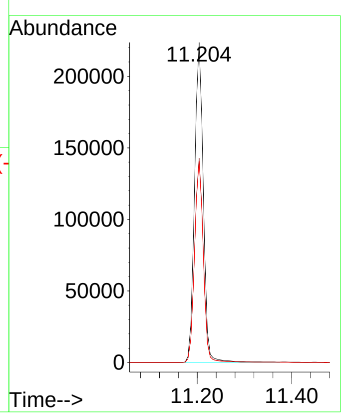




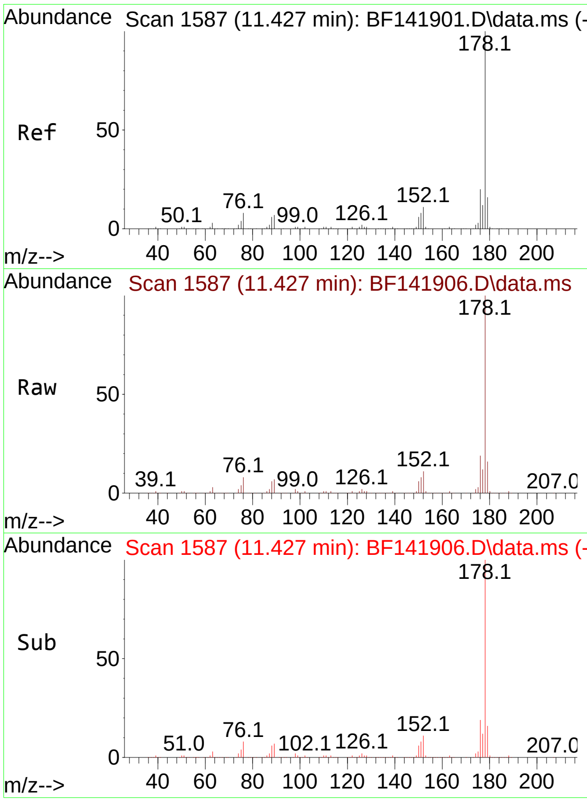
#70
Pentachlorophenol
Concen: 41.955 ng
RT: 11.204 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:266 Resp: 289713

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.0	76.6
264	62.9	50.2	75.2



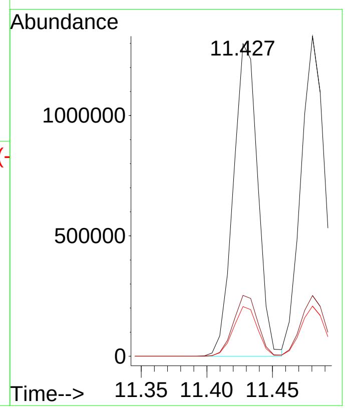
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

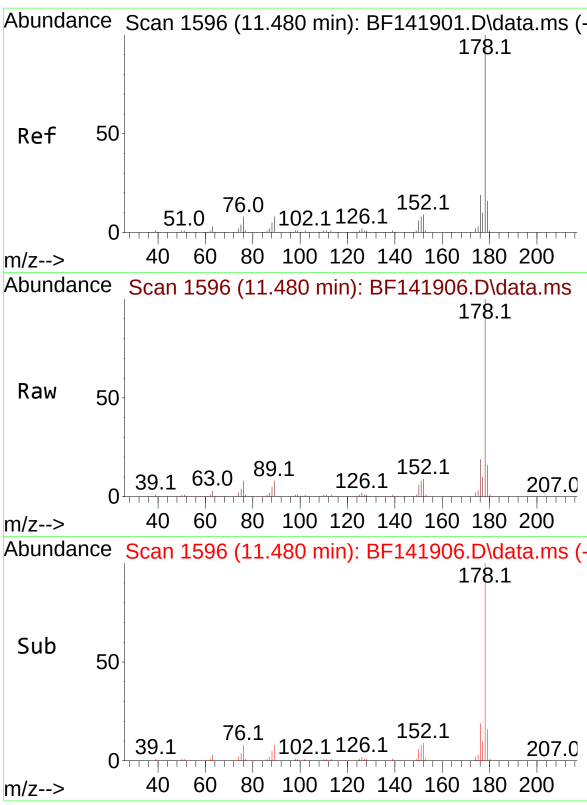


#71
Phenanthrene
Concen: 38.357 ng
RT: 11.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:178 Resp: 1685770

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.9	12.6	19.0

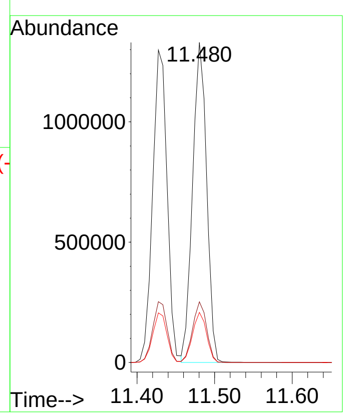




#72
Anthracene
Concen: 37.991 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

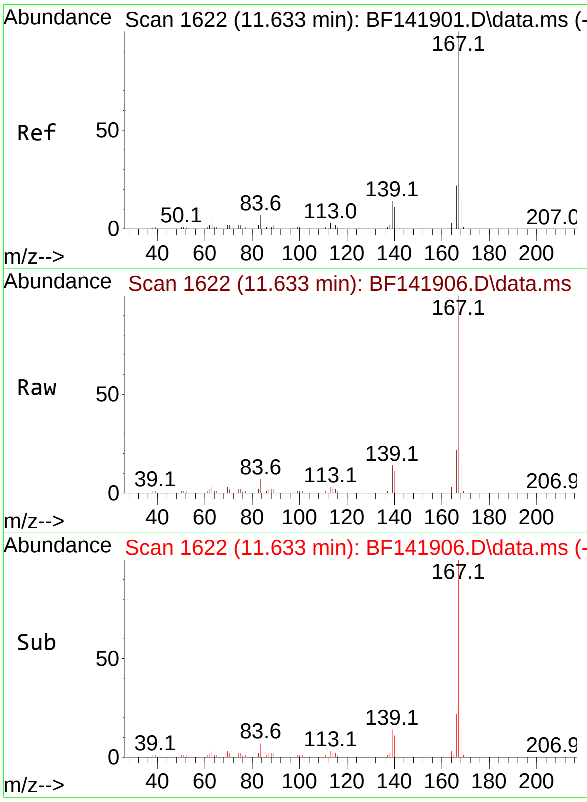
Tgt Ion:178 Resp: 1675103

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.7	12.6	19.0



ICAL Form

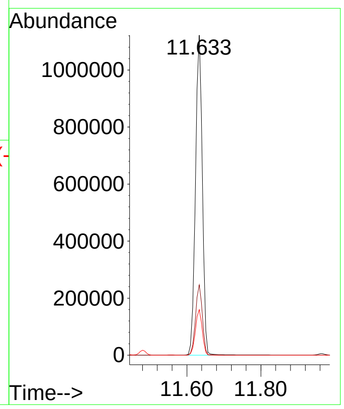
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

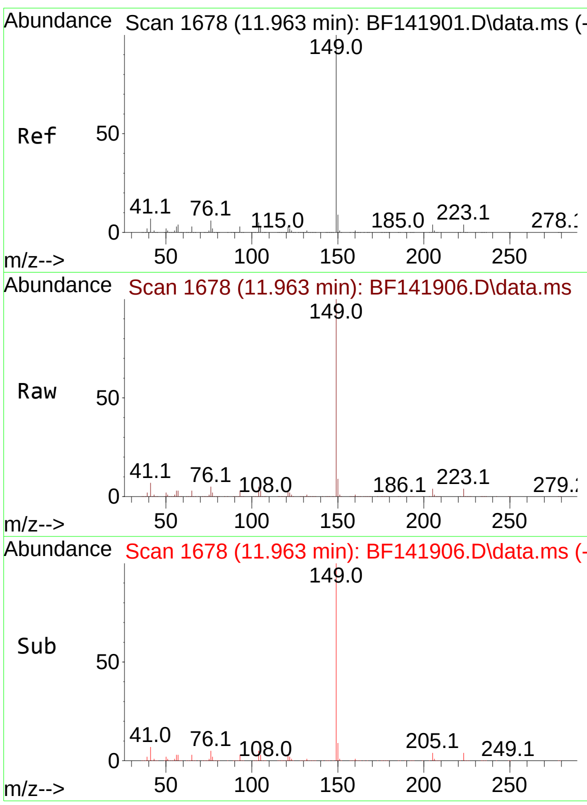


#73
Carbazole
Concen: 38.167 ng
RT: 11.633 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:167 Resp: 1451333

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.2
139	14.2	11.0	16.6

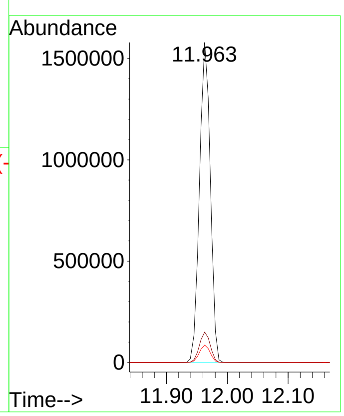




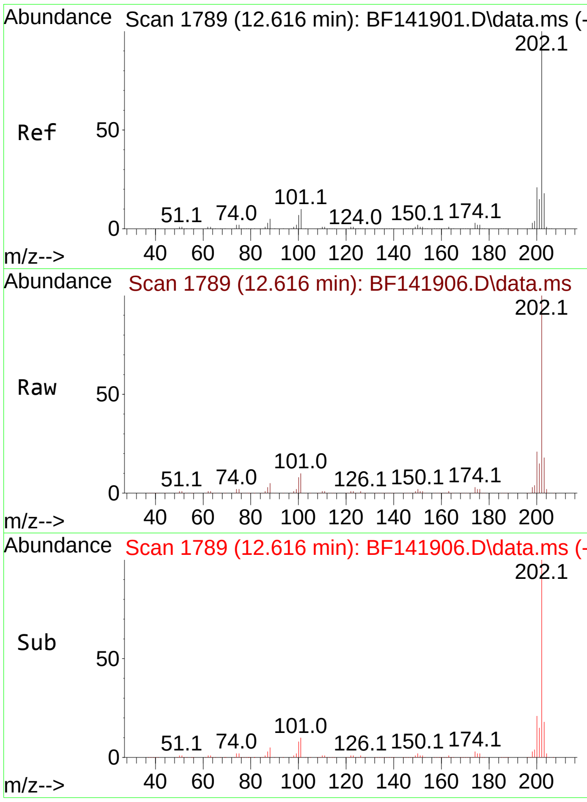
#74
Di-n-butylphthalate
Concen: 38.717 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:149 Resp: 1953516

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.5	4.4	6.6



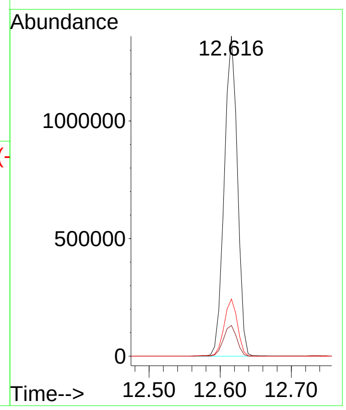
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

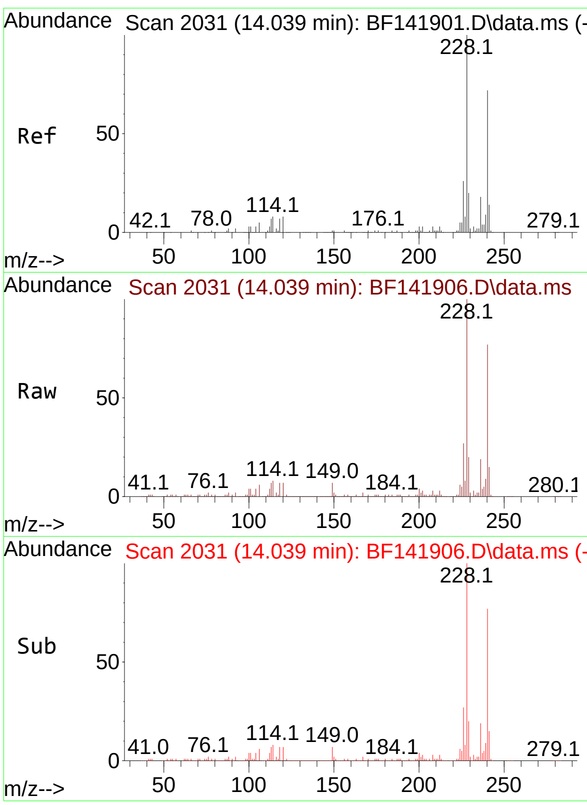


#75
Fluoranthene
Concen: 37.545 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:202 Resp: 1750317

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.7
203	17.9	0.0	37.8

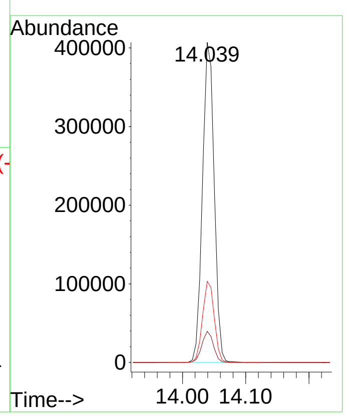




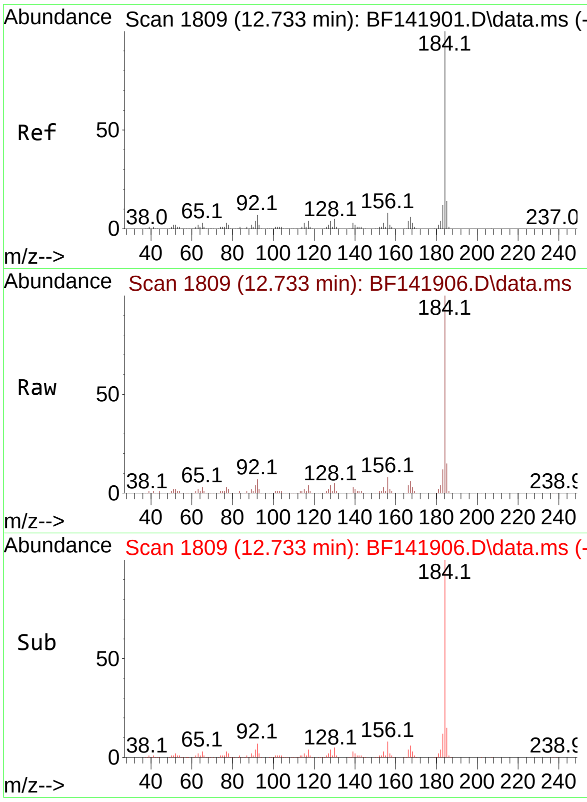
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:240 Resp: 523890

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	25.3	20.5	30.7



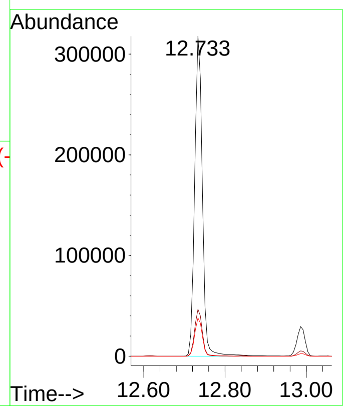
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

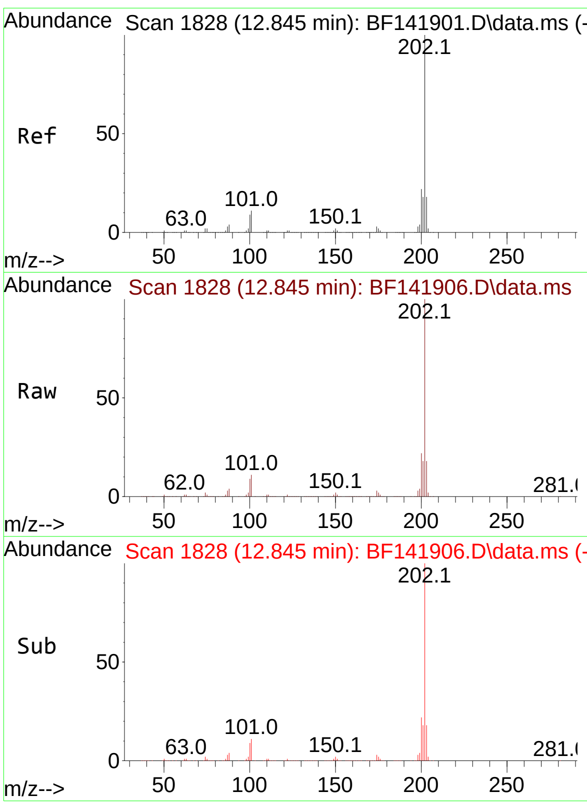


#77
Benzidine
Concen: 57.513 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:184 Resp: 420377

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.5	17.3
183	12.0	9.7	14.5

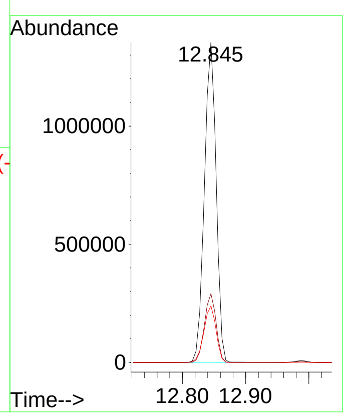




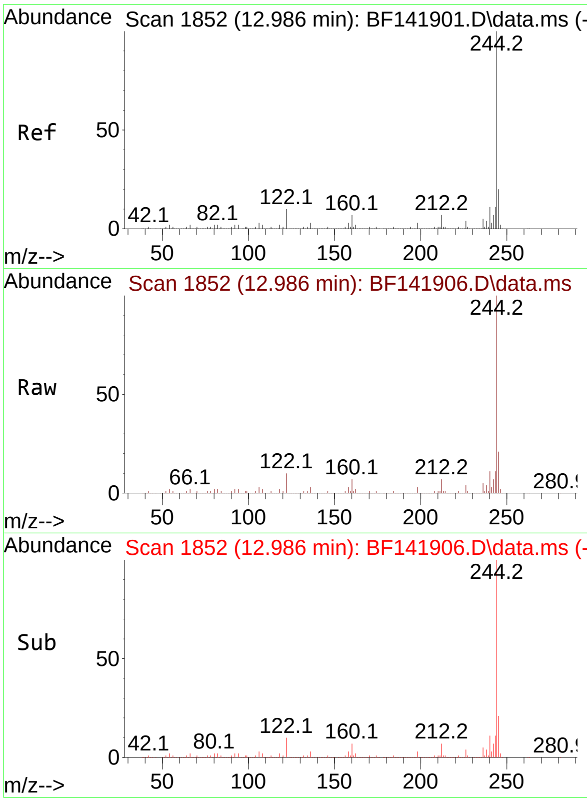
#78
Pyrene
Concen: 38.539 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:202 Resp: 1746456

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.3	25.9
203	17.7	14.4	21.6



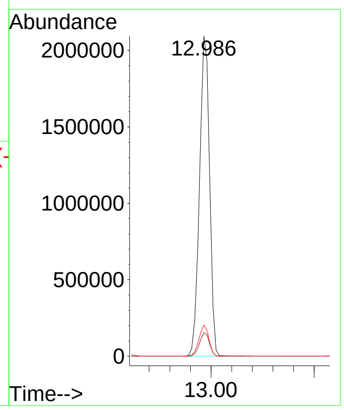
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

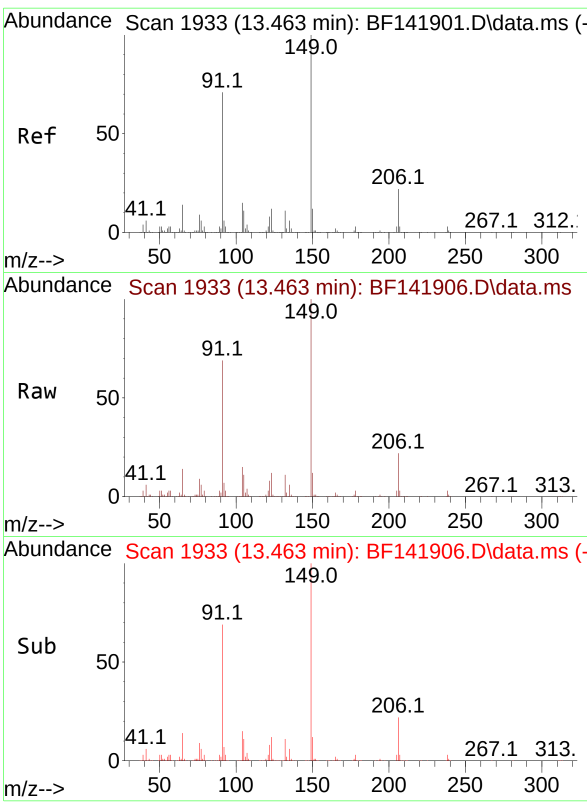


#79
Terphenyl-d14
Concen: 79.748 ng
RT: 12.986 min Scan# 18
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:244 Resp: 2825870

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	9.7	7.7	11.5

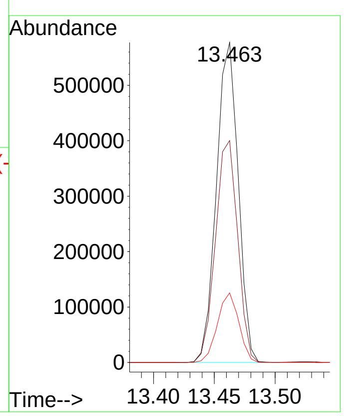




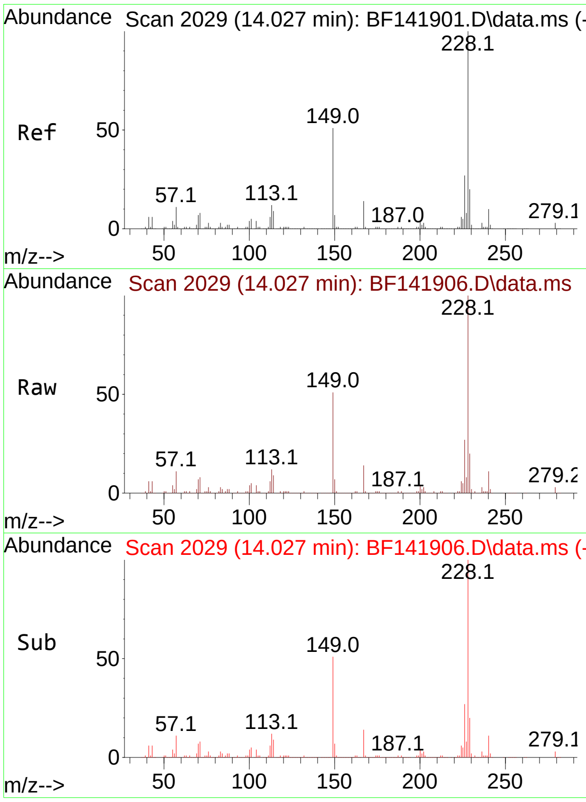
#80
Butylbenzylphthalate
Concen: 40.778 ng
RT: 13.463 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:149 Resp: 723288

Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.5	84.7
206	21.8	17.3	25.9



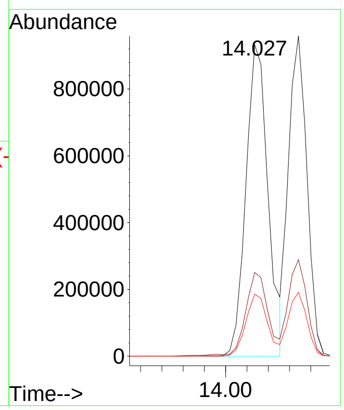
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

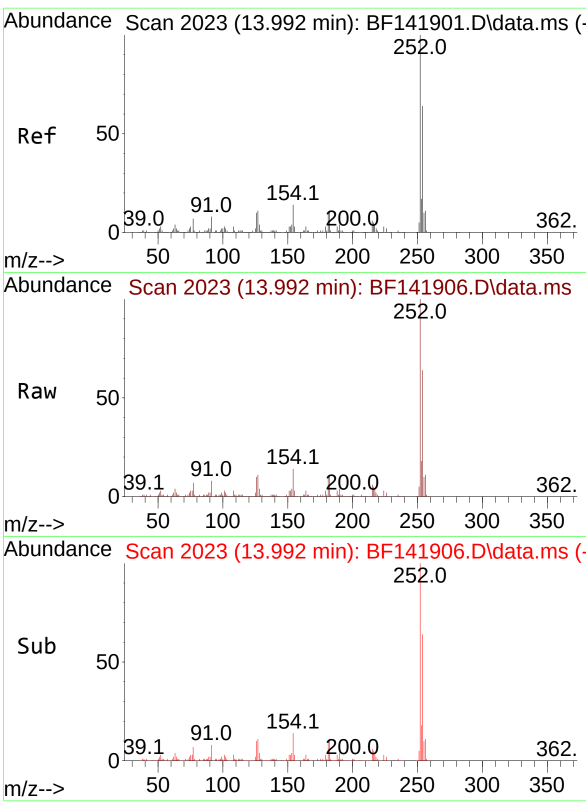


#81
Benzo(a)anthracene
Concen: 39.211 ng
RT: 14.027 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:228 Resp: 1347977

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	20.0	16.0	24.0

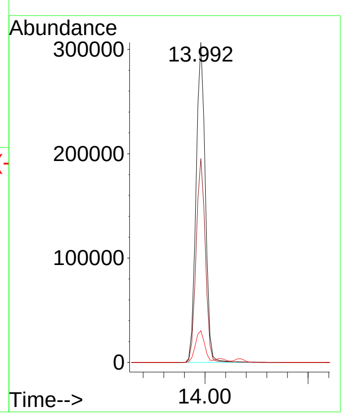




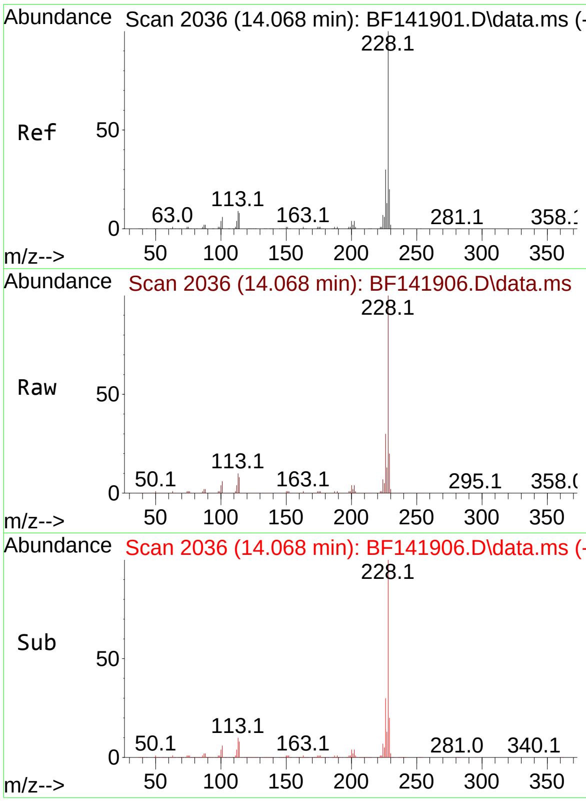
#82
3,3'-Dichlorobenzidine
Concen: 38.337 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:252 Resp: 380866

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.0	76.6
126	9.9	8.4	12.6



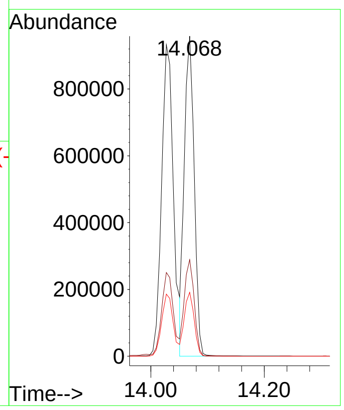
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

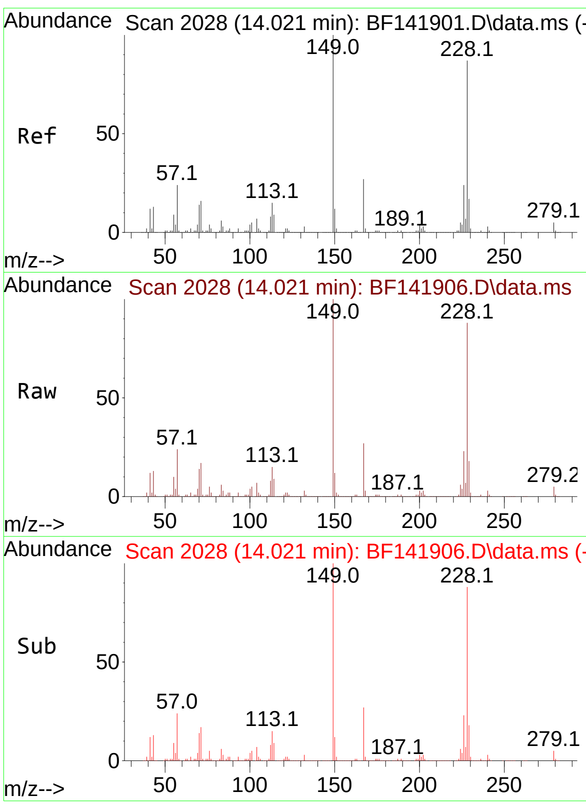


#83
Chrysene
Concen: 37.195 ng
RT: 14.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:228 Resp: 1159074

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.0	15.7	23.5

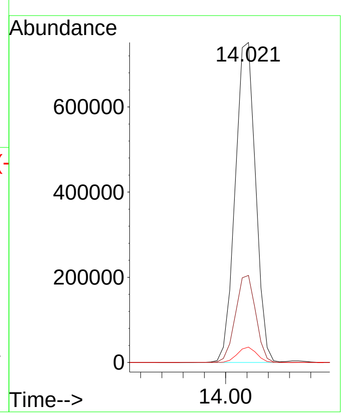




#84
Bis(2-ethylhexyl)phthalate
Concen: 41.142 ng
RT: 14.021 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

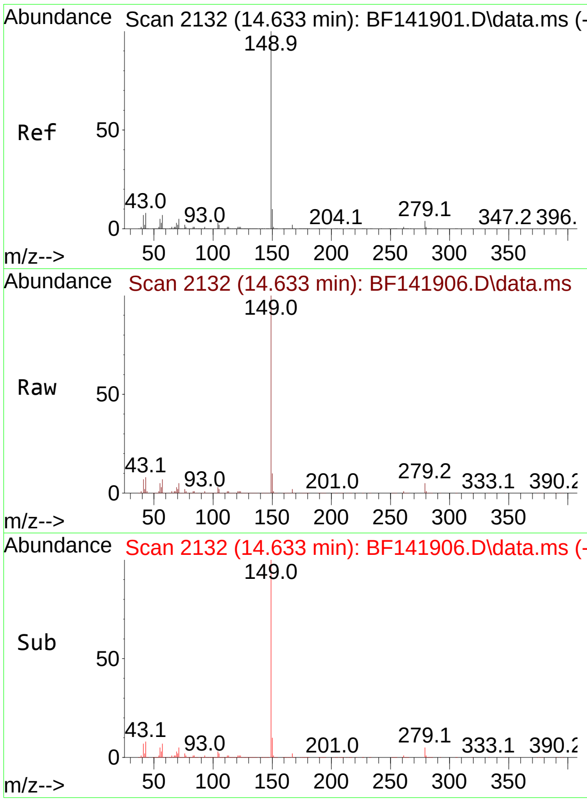
Tgt Ion:149 Resp: 1006170

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.4	32.0
279	4.8	3.8	5.6



ICAL Form

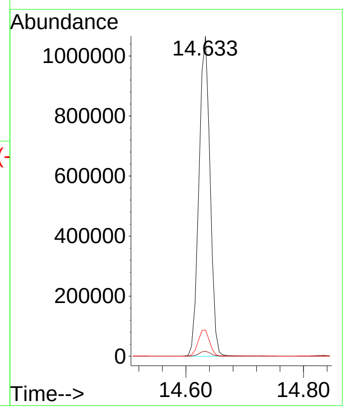
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

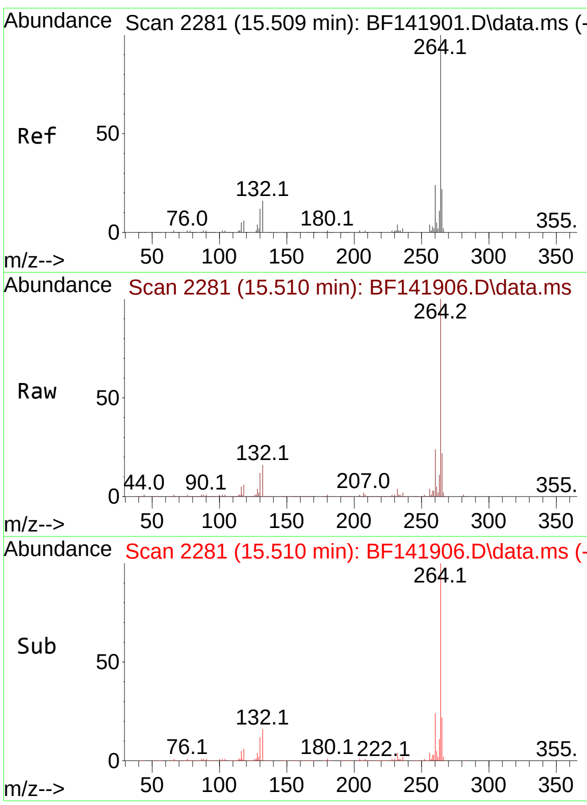


#85
Di-n-octyl phthalate
Concen: 40.971 ng
RT: 14.633 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:149 Resp: 1394136

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	6.9	10.3

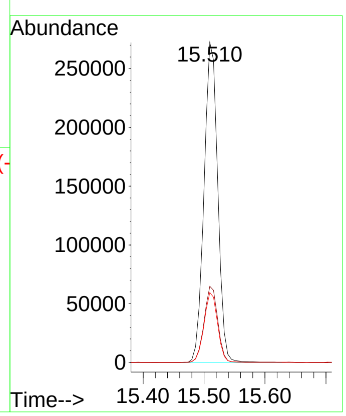




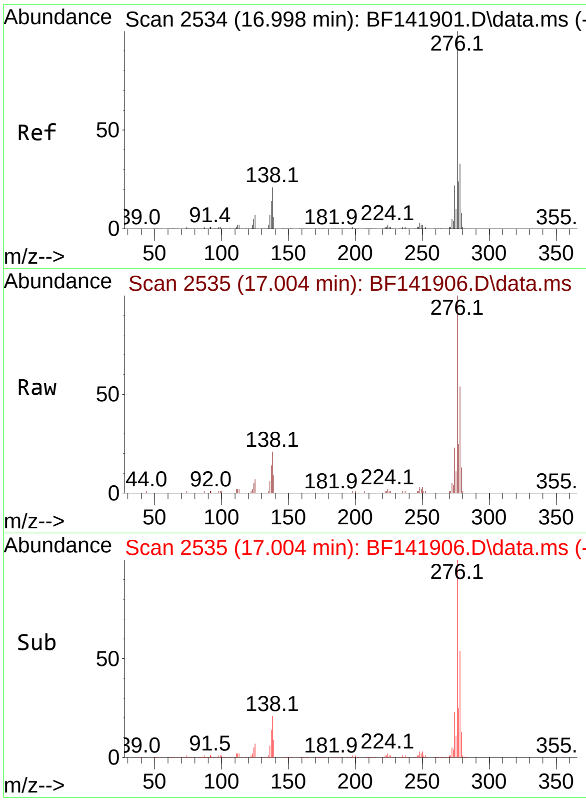
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:264 Resp: 426422

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.8	17.5	26.3



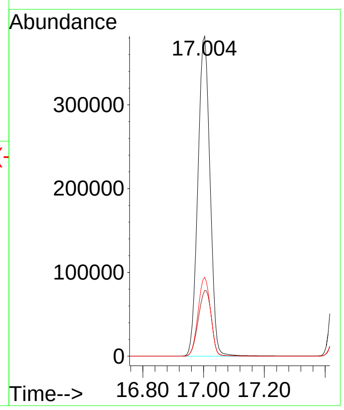
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

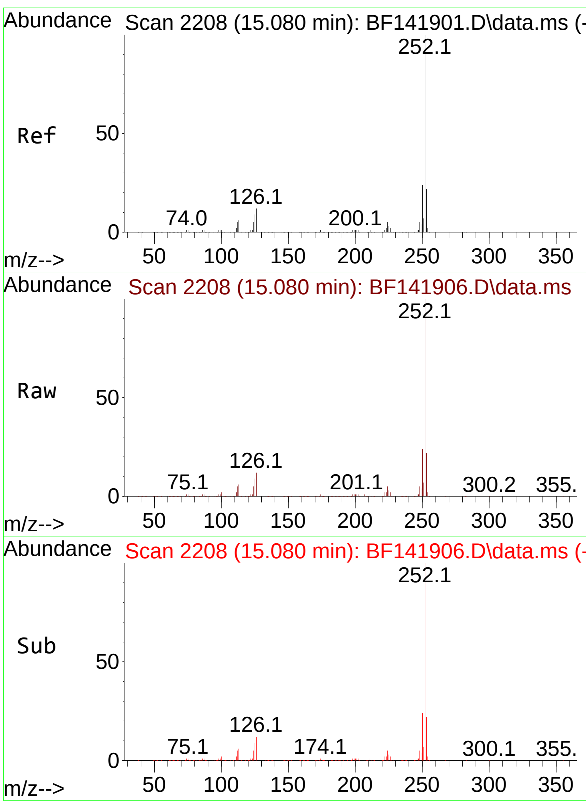


#87
Indeno(1,2,3-cd)pyrene
Concen: 38.467 ng
RT: 17.004 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:276 Resp: 1061096

Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.4	27.6
277	25.3	20.3	30.5

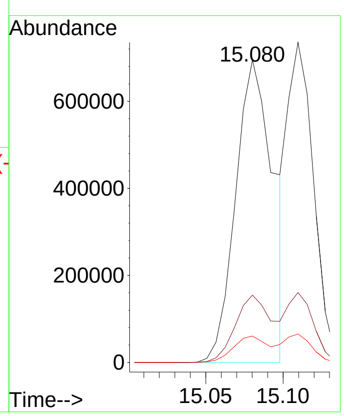




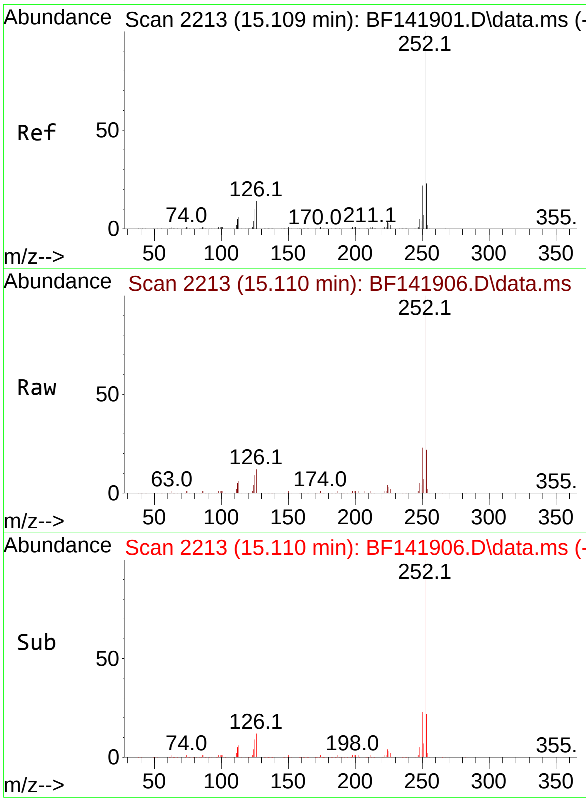
#88
Benzo(b)fluoranthene
Concen: 39.906 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:252 Resp: 1166263

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	8.7	7.0	10.4



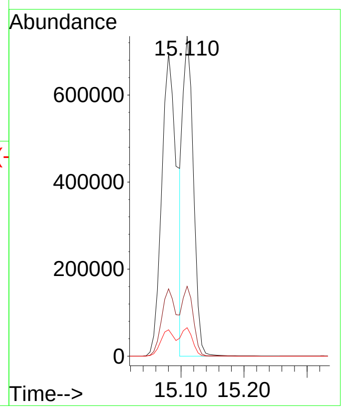
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

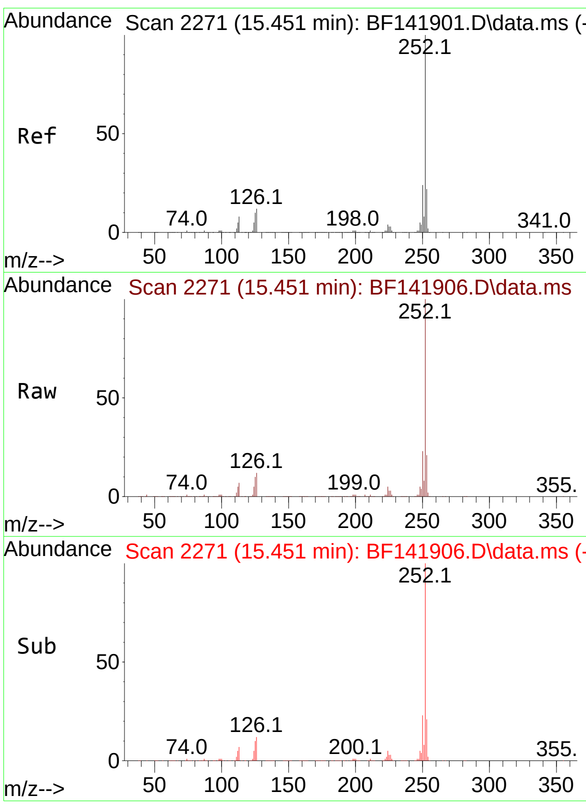


#89
Benzo(k)fluoranthene
Concen: 34.765 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:252 Resp: 869471

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	8.9	7.2	10.8

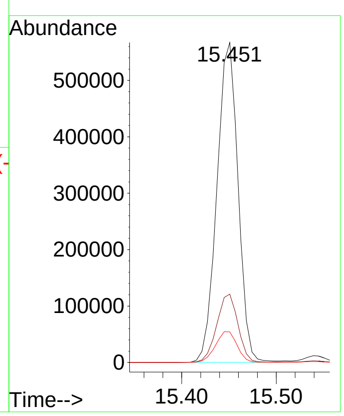




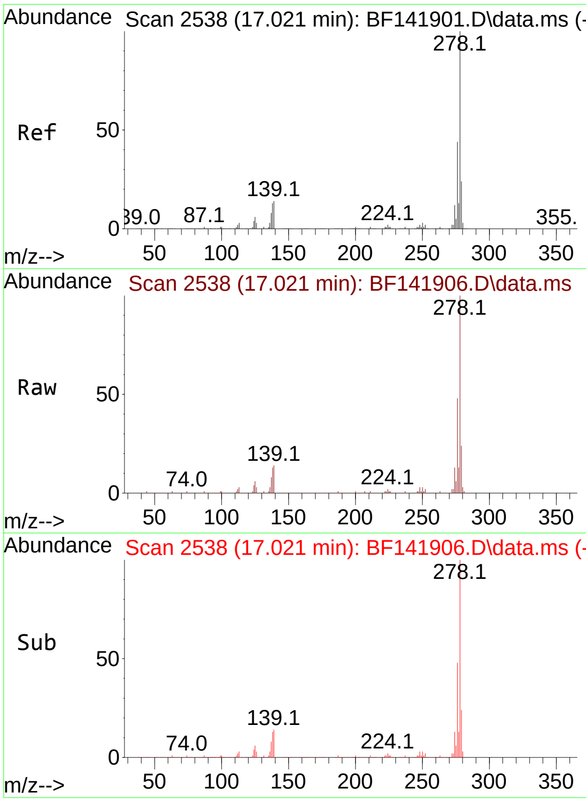
#90
Benzo(a)pyrene
Concen: 38.612 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:252 Resp: 882967

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	9.6	7.8	11.8



ICAL Form



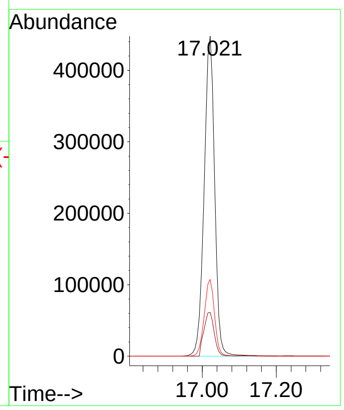
#91
Dibenzo(a,h)anthracene
Concen: 38.931 ng
RT: 17.021 min Scan# 2

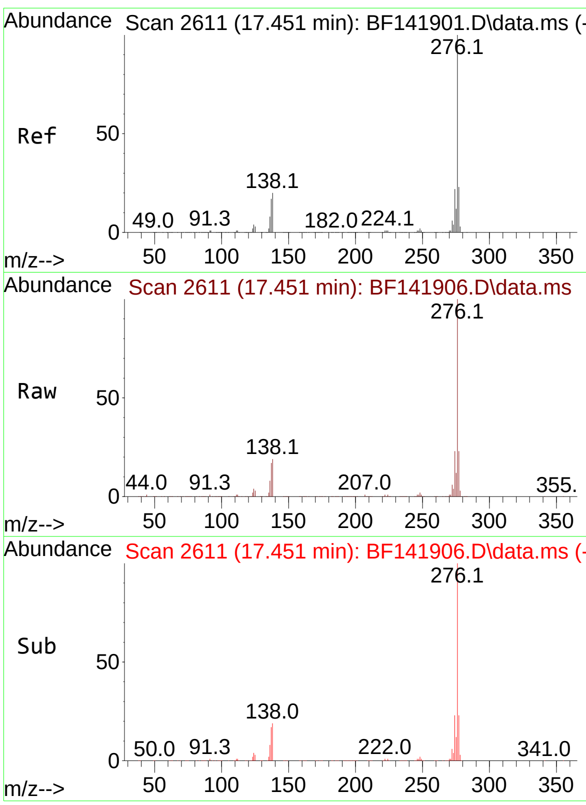
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:278 Resp: 886038

Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.4	17.2
279	23.9	18.8	28.2

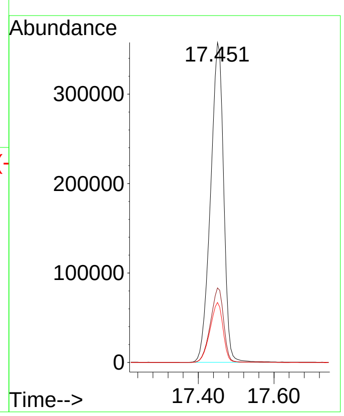




#92
Benzo(g,h,i)perylene
Concen: 38.051 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:276 Resp: 855812

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.7	28.1
138	18.7	15.8	23.8



ICAL Form

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Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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	94	0.00
2		1,4-Dioxane	0.502	0.485	3.4	91	0.00
3		Pyridine	1.232	1.202	2.4	93	-0.01
4		n-Nitrosodimethylamine	0.587	0.572	2.6	92	0.00
5	S	2-Fluorophenol	1.198	1.151	3.9	94	0.00
6		Aniline	1.505	1.466	2.6	94	0.00
7	S	Phenol-d6	1.526	1.468	3.8	96	0.00
8		2-Chlorophenol	1.329	1.287	3.2	96	0.00
9		Benzaldehyde	0.853	0.810	5.0	98	0.00
10	C	Phenol	1.605	1.570	2.2	96	0.00
11		bis(2-Chloroethyl)ether	1.205	1.152	4.4	95	0.00
12		1,3-Dichlorobenzene	1.435	1.377	4.0	94	0.00
13	C	1,4-Dichlorobenzene	1.452	1.392	4.1	94	0.00
14		1,2-Dichlorobenzene	1.367	1.325	3.1	96	0.00
15		Benzyl Alcohol	1.233	1.215	1.5	96	0.00
16		2,2'-oxybis(1-Chloropropane	1.455	1.358	6.7	94	0.00
17		2-Methylphenol	1.057	1.024	3.1	96	0.00
18		Hexachloroethane	0.544	0.528	2.9	96	0.00
19	P	n-Nitroso-di-n-propylamine	0.980	0.932	4.9	96	0.00
20		3+4-Methylphenols	1.354	1.307	3.5	95	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	96	0.00
22		Acetophenone	0.479	0.451	5.8	94	0.00
23	S	Nitrobenzene-d5	0.355	0.351	1.1	97	0.00
24		Nitrobenzene	0.353	0.344	2.5	96	0.00
25		Isophorone	0.628	0.599	4.6	96	0.00
26	C	2-Nitrophenol	0.173	0.175	-1.2	96	0.00
27		2,4-Dimethylphenol	0.239	0.229	4.2	96	0.00
28		bis(2-Chloroethoxy)methane	0.394	0.374	5.1	97	0.00
29	C	2,4-Dichlorophenol	0.296	0.289	2.4	97	0.00
30		1,2,4-Trichlorobenzene	0.327	0.313	4.3	97	0.00
31		Naphthalene	1.027	0.972	5.4	95	0.00
32		Benzoic acid	0.210	0.222	-5.7	103	0.00
33		4-Chloroaniline	0.363	0.352	3.0	97	0.00
34	C	Hexachlorobutadiene	0.213	0.207	2.8	98	0.00
35		Caprolactam	0.090	0.084	6.7	96	0.00
36	C	4-Chloro-3-methylphenol	0.331	0.319	3.6	96	0.00
37		2-Methylnaphthalene	0.687	0.651	5.2	96	0.00
38		1-Methylnaphthalene	0.663	0.638	3.8	98	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	98	0.00
40		1,2,4,5-Tetrachlorobenzene	0.609	0.581	4.6	96	0.00
41	P	Hexachlorocyclopentadiene	0.238	0.228	4.2	89	0.00
42	S	2,4,6-Tribromophenol	0.254	0.252	0.8	98	0.00
43	C	2,4,6-Trichlorophenol	0.398	0.391	1.8	96	0.00
44		2,4,5-Trichlorophenol	0.403	0.386	4.2	97	0.00
45	S	2-Fluorobiphenyl	1.315	1.242	5.6	97	0.00
46		1,1'-Biphenyl	1.520	1.451	4.5	98	0.00
47		2-Chloronaphthalene	1.133	1.079	4.8	97	0.00

ICAL Form

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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	0.328	0.319	2.7	97	0.00
49	Acenaphthylene	1.681	1.585	5.7	95	0.00
50	Dimethylphthalate	1.401	1.317	6.0	97	0.00
51	2,6-Dinitrotoluene	0.292	0.284	2.7	97	0.00
52 C	Acenaphthene	1.181	1.134	4.0	97	0.00
53	3-Nitroaniline	0.296	0.285	3.7	95	0.00
54 P	2,4-Dinitrophenol	0.139	0.148	-6.5	102	0.00
55	Dibenzofuran	1.688	1.594	5.6	97	0.00
56 P	4-Nitrophenol	0.223	0.220	1.3	94	0.00
57	2,4-Dinitrotoluene	0.381	0.374	1.8	98	0.00
58	Fluorene	1.302	1.216	6.6	97	0.00
59	2,3,4,6-Tetrachlorophenol	0.367	0.358	2.5	98	0.00
60	Diethylphthalate	1.397	1.338	4.2	98	0.00
61	4-Chlorophenyl-phenylether	0.679	0.649	4.4	99	0.00
62	4-Nitroaniline	0.288	0.280	2.8	95	0.00
63	Azobenzene	1.298	1.231	5.2	97	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65	4,6-Dinitro-2-methylphenol	0.119	0.123	-3.4	99	0.00
66 c	n-Nitrosodiphenylamine	0.647	0.619	4.3	97	0.00
67	4-Bromophenyl-phenylether	0.251	0.245	2.4	97	0.00
68	Hexachlorobenzene	0.275	0.274	0.4	99	0.00
69	Atrazine	0.198	0.158	20.2	94	0.00
70 C	Pentachlorophenol	0.170	0.178	-4.7	97	0.00
71	Phenanthrene	1.080	1.036	4.1	97	0.00
72	Anthracene	1.084	1.029	5.1	95	0.00
73	Carbazole	0.935	0.892	4.6	95	0.00
74	Di-n-butylphthalate	1.240	1.200	3.2	99	0.00
75 C	Fluoranthene	1.146	1.076	6.1	94	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	92	0.00
77	Benzidine	0.279	0.401	-43.7#	103	0.00
78	Pyrene	1.730	1.667	3.6	95	0.00
79 S	Terphenyl-d14	1.353	1.349	0.3	97	0.00
80	Butylbenzylphthalate	0.677	0.690	-1.9	97	0.00
81	Benzo(a)anthracene	1.312	1.287	1.9	93	0.00
82	3,3'-Dichlorobenzidine	0.379	0.363	4.2	90	0.00
83	Chrysene	1.190	1.106	7.1	90	0.00
84	Bis(2-ethylhexyl)phthalate	0.934	0.960	-2.8	98	0.00
85 c	Di-n-octyl phthalate	1.299	1.331	-2.5	97	0.00
86 I	Perylene-d12	1.000	1.000	0.0	91	0.00
87	Indeno(1,2,3-cd)pyrene	1.294	1.244	3.9	88	0.00
88	Benzo(b)fluoranthene	1.371	1.367	0.3	103	0.00
89	Benzo(k)fluoranthene	1.173	1.019	13.1	77	0.00
90 C	Benzo(a)pyrene	1.073	1.035	3.5	91	0.00
91	Dibenzo(a,h)anthracene	1.067	1.039	2.6	88	0.00
92	Benzo(g,h,i)perylene	1.055	1.003	4.9	86	0.00

Evaluate Continuing Calibration Report

ICAL Form

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On    : 10 Mar 2025  15:53
Operator  : RC/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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
```

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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	94	0.00
2		1,4-Dioxane	40.000	38.670	3.3	91	0.00
3		Pyridine	40.000	39.050	2.4	93	-0.01
4		n-Nitrosodimethylamine	40.000	38.959	2.6	92	0.00
5	S	2-Fluorophenol	80.000	76.823	4.0	94	0.00
6		Aniline	40.000	38.958	2.6	94	0.00
7	S	Phenol-d6	80.000	76.962	3.8	96	0.00
8		2-Chlorophenol	40.000	38.721	3.2	96	0.00
9		Benzaldehyde	40.000	37.950	5.1	98	0.00
10	C	Phenol	40.000	39.115	2.2	96	0.00
11		bis(2-Chloroethyl)ether	40.000	38.246	4.4	95	0.00
12		1,3-Dichlorobenzene	40.000	38.391	4.0	94	0.00
13	C	1,4-Dichlorobenzene	40.000	38.366	4.1	94	0.00
14		1,2-Dichlorobenzene	40.000	38.744	3.1	96	0.00
15		Benzyl Alcohol	40.000	39.408	1.5	96	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.338	6.7	94	0.00
17		2-Methylphenol	40.000	38.775	3.1	96	0.00
18		Hexachloroethane	40.000	38.797	3.0	96	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.038	4.9	96	0.00
20		3+4-Methylphenols	40.000	38.619	3.5	95	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	96	0.00
22		Acetophenone	40.000	37.650	5.9	94	0.00
23	S	Nitrobenzene-d5	80.000	78.962	1.3	97	0.00
24		Nitrobenzene	40.000	38.980	2.6	96	0.00
25		Isophorone	40.000	38.163	4.6	96	0.00
26	C	2-Nitrophenol	40.000	40.429	-1.1	96	0.00
27		2,4-Dimethylphenol	40.000	38.414	4.0	96	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.943	5.1	97	0.00
29	C	2,4-Dichlorophenol	40.000	38.952	2.6	97	0.00
30		1,2,4-Trichlorobenzene	40.000	38.336	4.2	97	0.00
31		Naphthalene	40.000	37.827	5.4	95	0.00
32		Benzoic acid	40.000	42.303	-5.8	103	0.00
33		4-Chloroaniline	40.000	38.847	2.9	97	0.00
34	C	Hexachlorobutadiene	40.000	38.849	2.9	98	0.00
35		Caprolactam	40.000	37.276	6.8	96	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.550	3.6	96	0.00
37		2-Methylnaphthalene	40.000	37.935	5.2	96	0.00
38		1-Methylnaphthalene	40.000	38.484	3.8	98	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	98	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.191	4.5	96	0.00
41	P	Hexachlorocyclopentadiene	40.000	38.281	4.3	89	0.00
42	S	2,4,6-Tribromophenol	80.000	79.342	0.8	98	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.292	1.8	96	0.00
44		2,4,5-Trichlorophenol	40.000	38.263	4.3	97	0.00
45	S	2-Fluorobiphenyl	80.000	75.528	5.6	97	0.00
46		1,1'-Biphenyl	40.000	38.182	4.5	98	0.00
47		2-Chloronaphthalene	40.000	38.090	4.8	97	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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	38.908	2.7	97	0.00
49		Acenaphthylene	40.000	37.725	5.7	95	0.00
50		Dimethylphthalate	40.000	37.611	6.0	97	0.00
51		2,6-Dinitrotoluene	40.000	38.970	2.6	97	0.00
52	C	Acenaphthene	40.000	38.405	4.0	97	0.00
53		3-Nitroaniline	40.000	38.561	3.6	95	0.00
54	P	2,4-Dinitrophenol	40.000	39.326	1.7	102	0.00
55		Dibenzofuran	40.000	37.778	5.6	97	0.00
56	P	4-Nitrophenol	40.000	39.425	1.4	94	0.00
57		2,4-Dinitrotoluene	40.000	39.291	1.8	98	0.00
58		Fluorene	40.000	37.381	6.5	97	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.070	2.3	98	0.00
60		Diethylphthalate	40.000	38.337	4.2	98	0.00
61		4-Chlorophenyl-phenylether	40.000	38.272	4.3	99	0.00
62		4-Nitroaniline	40.000	38.953	2.6	95	0.00
63		Azobenzene	40.000	37.911	5.2	97	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	97	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.415	-3.5	99	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.283	4.3	97	0.00
67		4-Bromophenyl-phenylether	40.000	39.015	2.5	97	0.00
68		Hexachlorobenzene	40.000	39.789	0.5	99	0.00
69		Atrazine	40.000	31.945	20.1	94	0.00
70	C	Pentachlorophenol	40.000	41.955	-4.9	97	0.00
71		Phenanthrene	40.000	38.357	4.1	97	0.00
72		Anthracene	40.000	37.991	5.0	95	0.00
73		Carbazole	40.000	38.167	4.6	95	0.00
74		Di-n-butylphthalate	40.000	38.717	3.2	99	0.00
75	C	Fluoranthene	40.000	37.545	6.1	94	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	92	0.00
77		Benzidine	40.000	57.513	-43.8#	103	0.00
78		Pyrene	40.000	38.539	3.7	95	0.00
79	S	Terphenyl-d14	80.000	79.748	0.3	97	0.00
80		Butylbenzylphthalate	40.000	40.778	-1.9	97	0.00
81		Benzo(a)anthracene	40.000	39.211	2.0	93	0.00
82		3,3'-Dichlorobenzidine	40.000	38.337	4.2	90	0.00
83		Chrysene	40.000	37.195	7.0	90	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	41.142	-2.9	98	0.00
85	c	Di-n-octyl phthalate	40.000	40.971	-2.4	97	0.00
86	I	Perylene-d12	20.000	20.000	0.0	91	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	38.467	3.8	88	0.00
88		Benzo(b)fluoranthene	40.000	39.906	0.2	103	0.00
89		Benzo(k)fluoranthene	40.000	34.765	13.1	77	0.00
90	C	Benzo(a)pyrene	40.000	38.612	3.5	91	0.00
91		Dibenzo(a,h)anthracene	40.000	38.931	2.7	88	0.00
92		Benzo(g,h,i)perylene	40.000	38.051	4.9	86	0.00

ICAL Form

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On    : 10 Mar 2025  15:53
Operator  : RC/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523 SDG No.: Q1523

Instrument ID: BNA_G Calibration Date(s): 03/05/2025 03/05/2025

Calibration Time(s): 09:02 13:44

LAB FILE ID: RRF2.5 = BG064045.D RRF005 = BG064046.D RRF010 = BG064047.D
RRF020 = BG064048.D RRF040 = BG064049.D RRF050 = BG064050.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.450	1.445	1.452	1.573	1.338	1.412	7.3
2-Fluorophenol		1.165	1.240	1.330	1.350	1.259	1.281	5.0
Phenol-d6		1.580	1.631	1.794	1.848	1.703	1.742	6.1
1,4-Dichlorobenzene		1.548	1.546	1.607	1.592	1.478	1.548	2.7
2-Methylphenol		1.015	1.116	1.177	1.268	1.171	1.184	8.1
3+4-Methylphenols		1.402	1.518	1.638	1.706	1.612	1.630	8.3
Nitrobenzene-d5		0.290	0.300	0.360	0.385	0.390	0.362	13.3
Hexachloroethane		0.489	0.519	0.520	0.577	0.526	0.542	6.9
Nitrobenzene		0.298	0.320	0.390	0.397	0.396	0.374	12.2
Hexachlorobutadiene		0.208	0.213	0.225	0.219	0.216	0.217	2.5
2,4,6-Trichlorophenol		0.268	0.293	0.341	0.358	0.362	0.337	11.9
2-Fluorobiphenyl		1.369	1.310	1.359	1.368	1.283	1.318	3.6
2,4,5-Trichlorophenol		0.284	0.330	0.381	0.406	0.396	0.374	13.0
2,4-Dinitrotoluene		0.225	0.255	0.344	0.404	0.418	0.357	23.8
2,4,6-Tribromophenol		0.166	0.191	0.226	0.241	0.241	0.222	14.1
Hexachlorobenzene		0.227	0.226	0.236	0.229	0.228	0.229	1.4
Pentachlorophenol			0.105	0.128	0.149	0.151	0.142	15.6
Terphenyl-d14		1.011	1.024	1.062	0.999	0.944	0.989	4.9

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG030525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 05 15:39:19 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064045.D 5 =BG064046.D 10 =BG064047.D 20 =BG064048.D 40 =BG064049.D 50 =BG064050.D 60 =BG064051.D 80 =BG064052.D

#		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------------ISTD--------------------									
2)		1,4-Dioxane		0.598	0.605	0.624	0.585	0.559	0.539	0.554	0.580	5.31
3)		Pyridine		1.450	1.445	1.452	1.573	1.338	1.376	1.248	1.412	7.30
4)		n-Nitrosodimet...		0.892	0.976	1.017	1.064	0.996	1.047	1.068	1.009	6.16
5)	S	2-Fluorophenol		1.165	1.240	1.330	1.350	1.259	1.318	1.304	1.281	5.00
6)		Aniline		1.593	1.670	1.825	1.820	1.642	1.748	1.671	1.710	5.24
7)	S	Phenol-d6		1.580	1.631	1.794	1.848	1.703	1.839	1.803	1.742	6.09
8)		2-Chlorophenol		1.262	1.337	1.412	1.446	1.333	1.420	1.420	1.376	4.80
9)		Benzaldehyde		1.111	1.122	1.133	1.003	0.860	0.850		1.013	12.94
10)	C	Phenol		1.590	1.693	1.826	1.881	1.752	1.900	1.846	1.784	6.30
11)		bis(2-Chloroet...		1.375	1.444	1.424	1.415	1.322	1.418	1.394	1.399	2.88
12)		1,3-Dichlorobe...		1.523	1.539	1.501	1.546	1.438	1.519	1.508	1.511	2.36
13)	C	1,4-Dichlorobe...		1.548	1.546	1.607	1.592	1.478	1.536	1.532	1.548	2.72
14)		1,2-Dichlorobe...		1.488	1.464	1.543	1.519	1.416	1.525	1.497	1.493	2.88
15)		Benzyl Alcohol		1.115	1.249	1.343	1.436	1.358	1.467	1.457	1.346	9.50
16)		2,2'-oxybis(1-...		3.064	3.024	3.209	3.282	2.996	3.218	3.222	3.145	3.61
17)		2-Methylphenol		1.015	1.116	1.177	1.268	1.171	1.269	1.271	1.184	8.11
18)		Hexachloroethane		0.489	0.519	0.520	0.577	0.526	0.581	0.580	0.542	6.88
19)	P	n-Nitroso-di-n...	1.146	1.095	1.157	1.282	1.323	1.189	1.322	1.268	1.223	7.13
20)		3+4-Methylphenols		1.402	1.518	1.638	1.706	1.612	1.804	1.729	1.630	8.34
21)	I	Naphthalene-d8	----------------ISTD--------------------									
22)		Acetophenone		0.522	0.525	0.580	0.563	0.546	0.561	0.543	0.548	3.82
23)	S	Nitrobenzene-d5		0.290	0.300	0.360	0.385	0.390	0.400	0.409	0.362	13.32
24)		Nitrobenzene		0.298	0.320	0.390	0.397	0.396	0.409	0.409	0.374	12.20
25)		Isophorone		0.709	0.672	0.744	0.745	0.717	0.757	0.727	0.724	3.93
26)	C	2-Nitrophenol		0.067	0.079	0.096	0.122	0.130	0.141	0.147	0.112	28.03
27)		2,4-Dimethylph...		0.194	0.187	0.221	0.228	0.221	0.239	0.229	0.217	8.82
28)		bis(2-Chloroet...		0.424	0.417	0.468	0.443	0.427	0.449	0.445	0.439	4.03
29)	C	2,4-Dichloroph...		0.222	0.239	0.281	0.287	0.290	0.301	0.298	0.274	11.22
30)		1,2,4-Trichlor...		0.323	0.317	0.343	0.332	0.336	0.335	0.332	0.331	2.54
31)		Naphthalene		1.078	1.043	1.114	1.079	1.061	1.097	1.077	1.078	2.13
32)		Benzoic acid			0.078	0.139	0.172	0.191	0.217	0.220	0.170	31.75
33)		4-Chloroaniline		0.355	0.364	0.407	0.416	0.394	0.419	0.404	0.394	6.46
34)	C	Hexachlorobuta...		0.208	0.213	0.225	0.219	0.216	0.220	0.218	0.217	2.55
35)		Caprolactam		0.086	0.091	0.112	0.110	0.113	0.112	0.111	0.105	10.78
36)	C	4-Chloro-3-met...		0.293	0.330	0.379	0.373	0.373	0.390	0.376	0.359	9.67
37)		2-Methylnaphth...		0.775	0.727	0.788	0.763	0.746	0.779	0.751	0.761	2.80
38)		1-Methylnaphth...		0.745	0.728	0.771	0.753	0.724	0.768	0.733	0.746	2.53

Response Factor Report GC/MS Ins

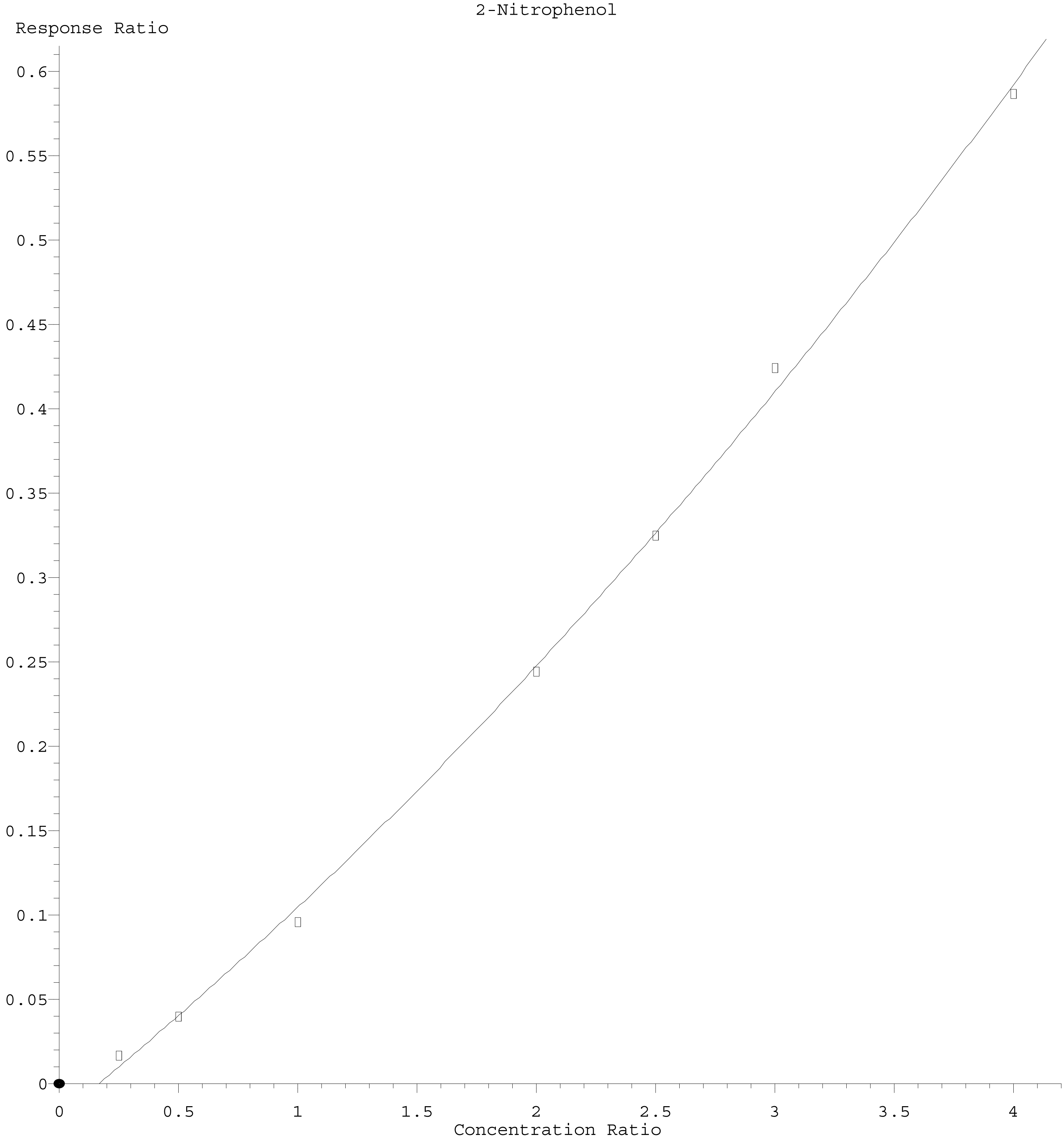
Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG030525.M

39)	I	Acenaphthene-d10	----------------ISTD--------------------								
40)		1,2,4,5-Tetrac...	0.547	0.584	0.592	0.586	0.560	0.562	0.566	0.571	2.88
41)	P	Hexachlorocycl...	0.123	0.128	0.161	0.175	0.175	0.180	0.183	0.161	15.44
42)	S	2,4,6-Tribromo...	0.166	0.191	0.226	0.241	0.241	0.250	0.241	0.222	14.12
43)	C	2,4,6-Trichlor...	0.268	0.293	0.341	0.358	0.362	0.368	0.366	0.337	11.89
44)		2,4,5-Trichlor...	0.284	0.330	0.381	0.406	0.396	0.407	0.413	0.374	12.98
45)	S	2-Fluorobiphenyl	1.369	1.310	1.359	1.368	1.283	1.284	1.251	1.318	3.62
46)		1,1'-Biphenyl	1.506	1.499	1.572	1.538	1.475	1.512	1.475	1.511	2.29
47)		2-Chloronaphth...	1.086	1.075	1.100	1.127	1.102	1.121	1.103	1.102	1.63
48)		2-Nitroaniline	0.197	0.231	0.277	0.348	0.368	0.396	0.408	0.318	26.14
49)		Acenaphthylene	1.714	1.677	1.793	1.789	1.735	1.777	1.717	1.743	2.53
50)		Dimethylphthalate	1.432	1.401	1.559	1.520	1.463	1.508	1.452	1.476	3.73
51)		2,6-Dinitrotol...	0.158	0.200	0.262	0.292	0.300	0.307	0.308	0.261	22.73
52)	C	Acenaphthene	1.165	1.148	1.231	1.187	1.159	1.171	1.128	1.170	2.77
53)		3-Nitroaniline	0.190	0.228	0.298	0.316	0.313	0.329	0.323	0.285	18.96
54)	P	2,4-Dinitrophenol		0.066	0.084	0.100	0.111	0.121	0.129	0.102	23.25
55)		Dibenzofuran	1.926	1.881	1.976	1.941	1.853	1.864	1.826	1.895	2.84
56)	P	4-Nitrophenol		0.164	0.200	0.257	0.280	0.270	0.265	0.239	19.47
57)		2,4-Dinitrotol...	0.225	0.255	0.344	0.404	0.418	0.426	0.424	0.357	23.78
58)		Fluorene	1.555	1.450	1.542	1.478	1.452	1.460	1.395	1.476	3.79
59)		2,3,4,6-Tetrac...	0.262	0.326	0.388	0.395	0.385	0.402	0.393	0.365	14.21
60)		Diethylphthalate	1.496	1.501	1.709	1.669	1.624	1.637	1.584	1.603	5.06
61)		4-Chlorophenyl...	0.754	0.744	0.788	0.735	0.712	0.721	0.681	0.733	4.61
62)		4-Nitroaniline	0.213	0.263	0.313	0.345	0.351	0.339	0.333	0.308	16.67
63)		Azobenzene	1.734	1.645	1.785	1.758	1.700	1.705	1.644	1.710	3.13
64)	I	Phenanthrene-d10	----------------ISTD--------------------								
65)		4,6-Dinitro-2-...		0.050	0.059	0.075	0.082	0.092	0.096	0.076	24.31
66)	c	n-Nitrosodiphe...	0.558	0.551	0.582	0.578	0.558	0.571	0.565	0.566	2.06
67)		4-Bromophenyl-...	0.186	0.195	0.212	0.210	0.200	0.217	0.213	0.205	5.61
68)		Hexachlorobenzene	0.227	0.226	0.236	0.229	0.228	0.229	0.230	0.229	1.45
69)		Atrazine	0.175	0.190	0.179	0.160	0.129			0.167	14.34
70)	C	Pentachlorophenol		0.105	0.128	0.149	0.151	0.159	0.163	0.142	15.58
71)		Phenanthrene	1.084	1.034	1.110	1.080	1.054	1.059	1.047	1.067	2.44
72)		Anthracene	1.024	1.041	1.104	1.085	1.055	1.065	1.051	1.061	2.55
73)		Carbazole	0.949	0.988	1.020	1.027	1.007	0.986	0.956	0.990	3.02
74)		Di-n-butylphth...	0.932	1.095	1.213	1.257	1.236	1.219	1.208	1.166	9.90
75)	C	Fluoranthene	1.272	1.315	1.336	1.318	1.298	1.243	1.221	1.286	3.31
76)	I	Chrysene-d12	----------------ISTD--------------------								
77)		Benzidine	0.221	0.400	0.238	0.313	0.195	0.299	0.271	0.277	24.80
78)		Pyrene	1.251	1.287	1.350	1.310	1.254	1.290	1.282	1.289	2.63
79)	S	Terphenyl-d14	1.011	1.024	1.062	0.999	0.944	0.957	0.927	0.989	4.88
80)		Butylbenzylpht...	0.285	0.331	0.405	0.465	0.473	0.503	0.502	0.423	20.44
81)		Benzo(a)anthra...	1.217	1.268	1.310	1.303	1.275	1.309	1.286	1.281	2.54
82)		3,3'-Dichlorob...	0.350	0.396	0.444	0.450	0.416	0.436	0.411	0.415	8.27
83)		Chrysene	1.281	1.233	1.308	1.306	1.263	1.301	1.252	1.278	2.29
84)		Bis(2-ethylhex...	0.504	0.582	0.685	0.757	0.751	0.789	0.782	0.693	15.90
85)	c	Di-n-octyl pht...		0.892	1.108	1.239	1.256	1.339	1.338	1.195	14.31

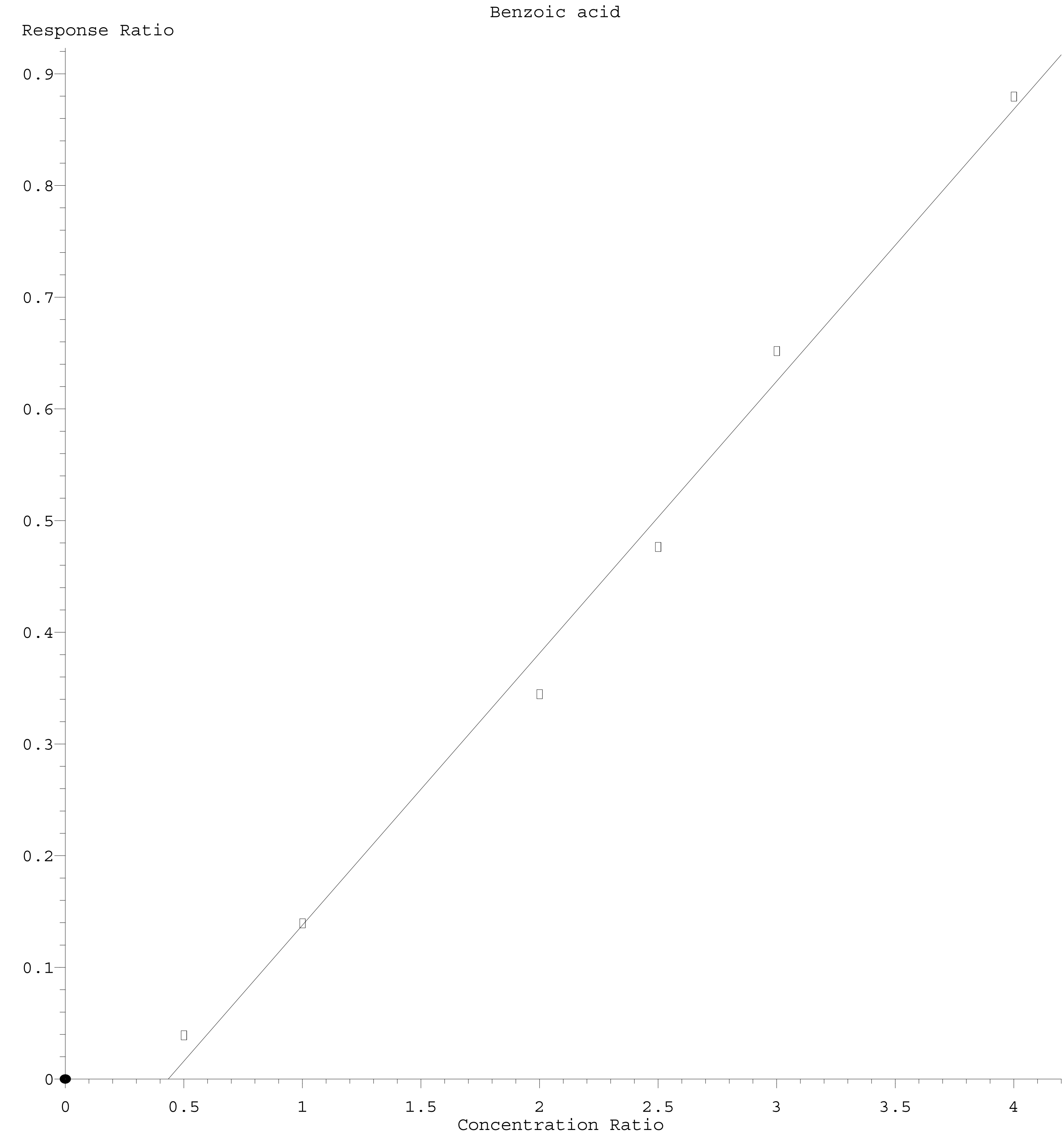
Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG030525.M

86) I	Perylene-d12	-----------------ISTD---------------------								
87)	Indeno(1,2,3-c...	1.223	1.232	1.408	1.376	1.354	1.381	1.394	1.338	5.80
88)	Benzo(b)fluora...	1.150	1.146	1.269	1.216	1.232	1.215	1.236	1.209	3.76
89)	Benzo(k)fluora...	1.111	1.189	1.281	1.255	1.205	1.234	1.215	1.213	4.49
90) C	Benzo(a)pyrene	0.993	1.022	1.124	1.107	1.106	1.092	1.093	1.077	4.57
91)	Dibenzo(a,h)an...	1.029	1.036	1.151	1.133	1.134	1.123	1.160	1.109	4.86
92)	Benzo(g,h,i)pe...	1.049	1.093	1.208	1.152	1.146	1.155	1.168	1.139	4.58

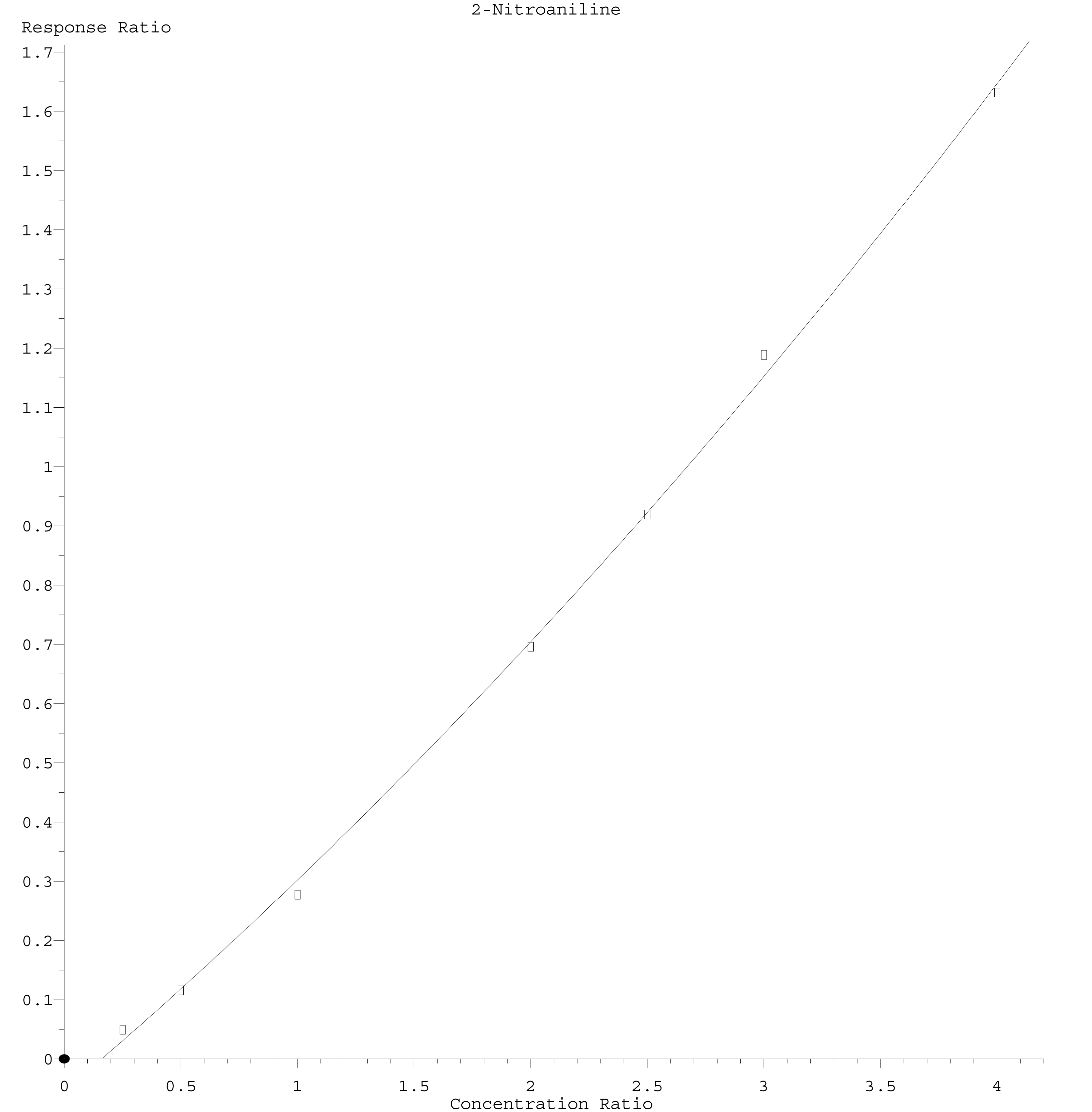
(#) = Out of Range



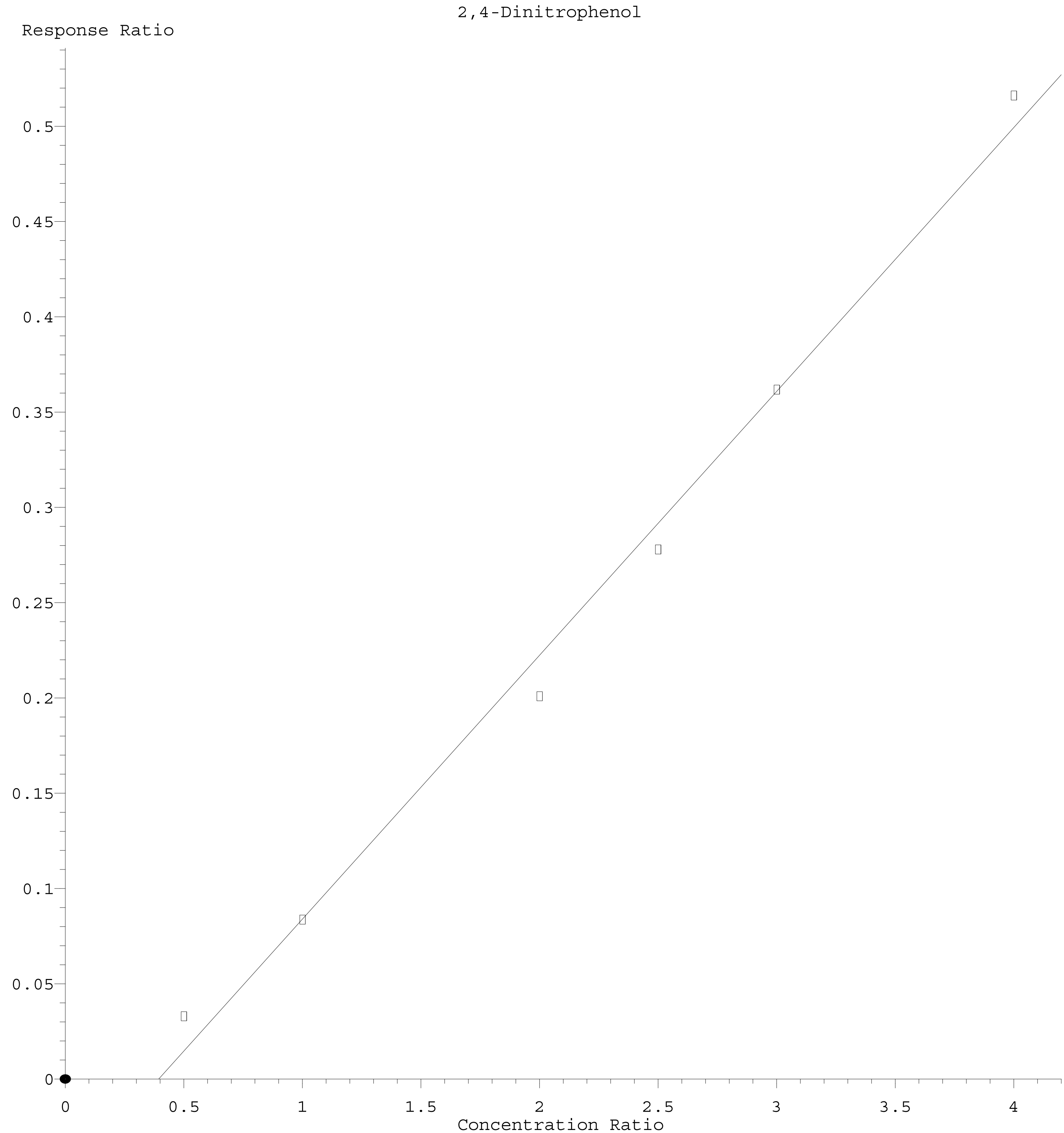
R = 9.766e-003 A*A + 1.137e-001 A - 1.893e-002
Coef of Det (r^2) = 0.998666   Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025



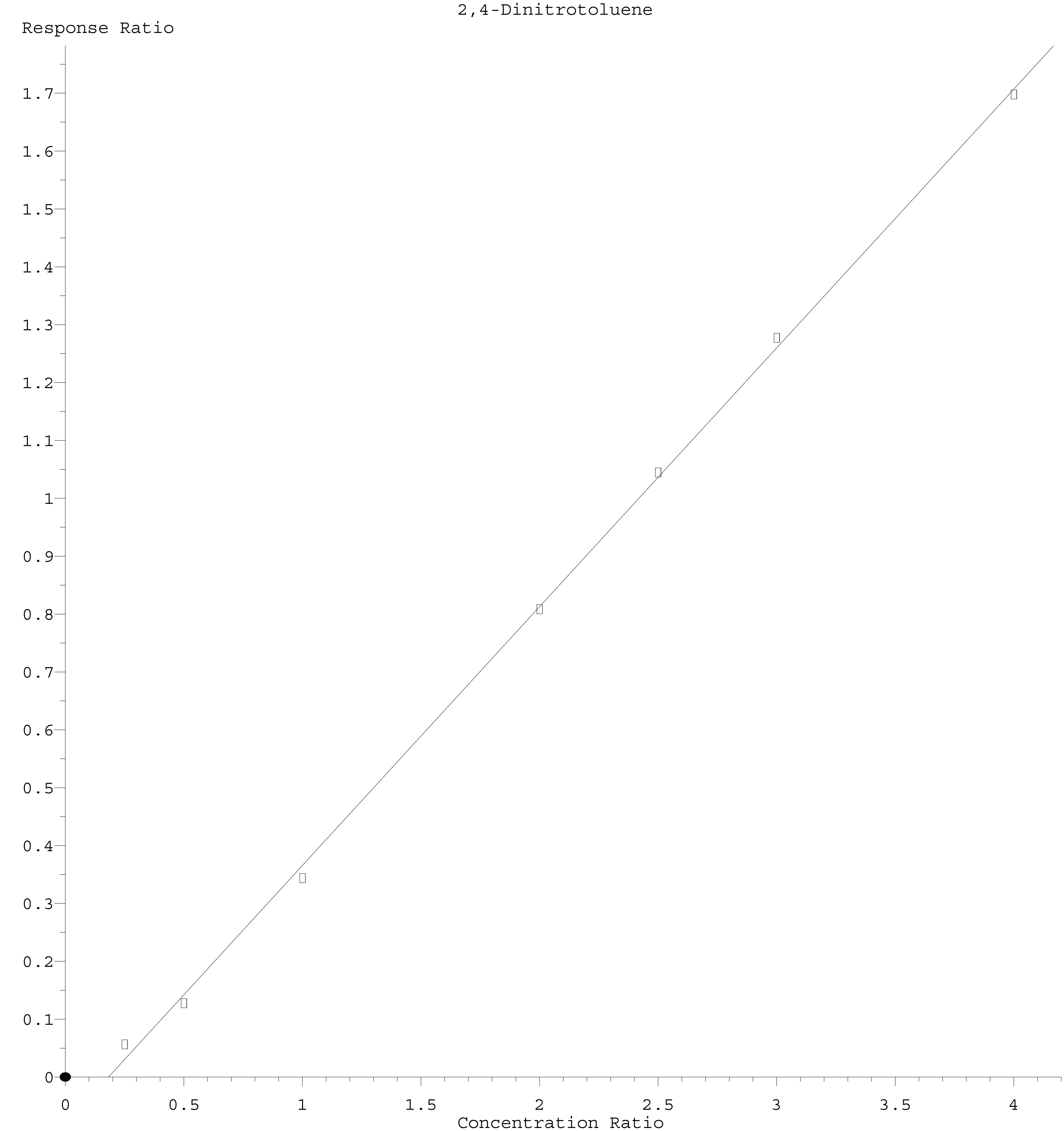
Response = 2.435e-001 * Amt - 1.058e-001
Coef of Det (r^2) = 0.993062   Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025



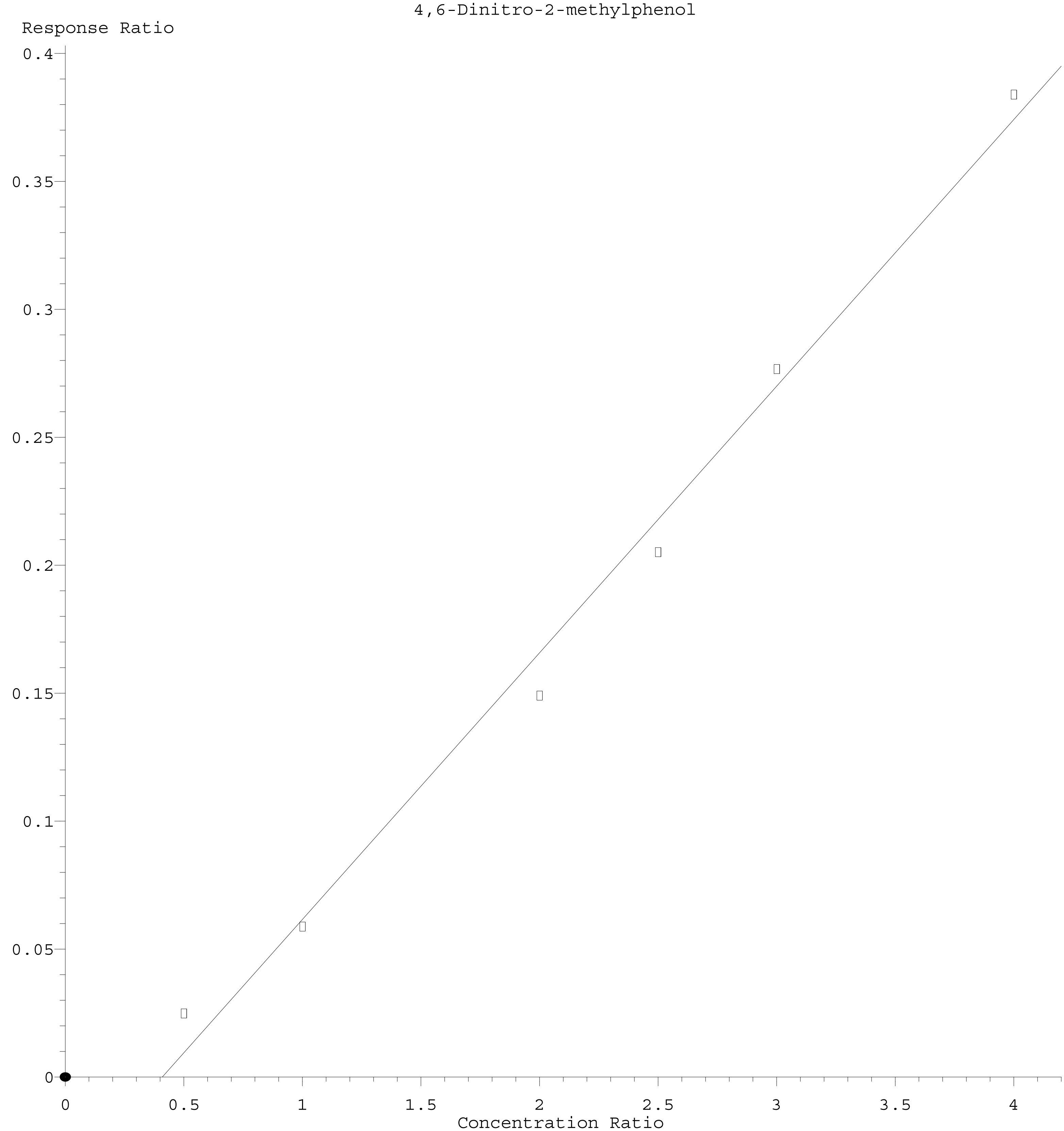
R = 2.299e-002 A*A + 3.333e-001 A - 5.414e-002
Coef of Det (r^2) = 0.998770   Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025



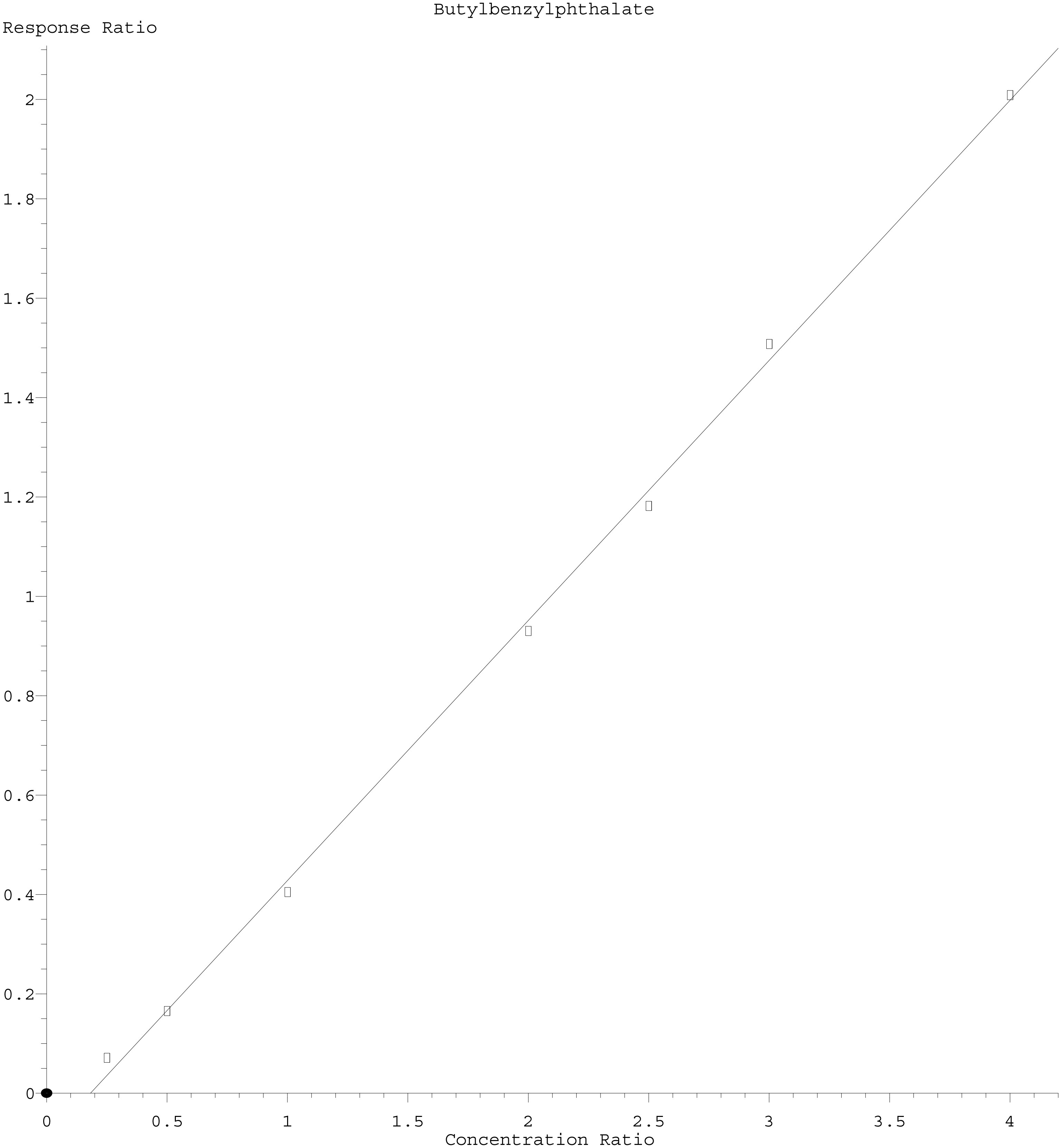
Response = 1.385e-001 * Amt - 5.459e-002
Coef of Det (r^2) = 0.992124   Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025



Response = 4.472e-001 * Amt - 8.152e-002
Coef of Det (r^2) = 0.999194   Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025



Response = 1.041e-001 * Amt - 4.259e-002
Coef of Det (r^2) = 0.990937   Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025



Response = 5.234e-001 * Amt - 9.520e-002
Coef of Det (r^2) = 0.998592   Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064045.D
Acq On : 5 Mar 2025 9:02
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 05 15:19:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.864	152	29138	20.000 ng	0.00
21) Naphthalene-d8	10.649	136	131138	20.000 ng	0.00
39) Acenaphthene-d10	14.486	164	97001	20.000 ng	0.00
64) Phenanthrene-d10	17.229	188	240464	20.000 ng	0.00
76) Chrysene-d12	21.454	240	249925	20.000 ng	0.00
86) Perylene-d12	24.474	264	262700	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...	8.663	70	4175	2.343 ng	# 90

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

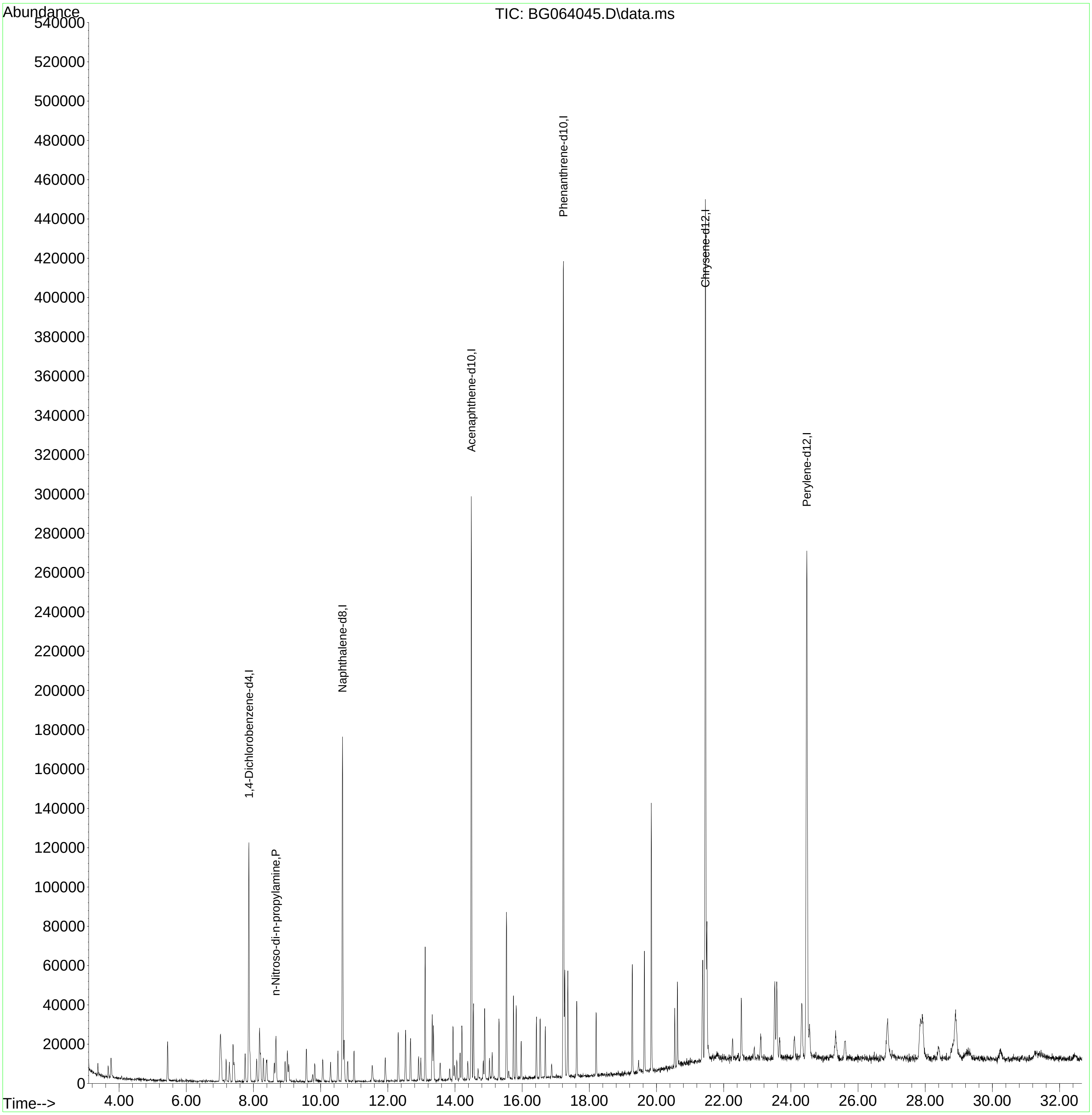
Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064045.D
Acq On : 5 Mar 2025 9:02
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

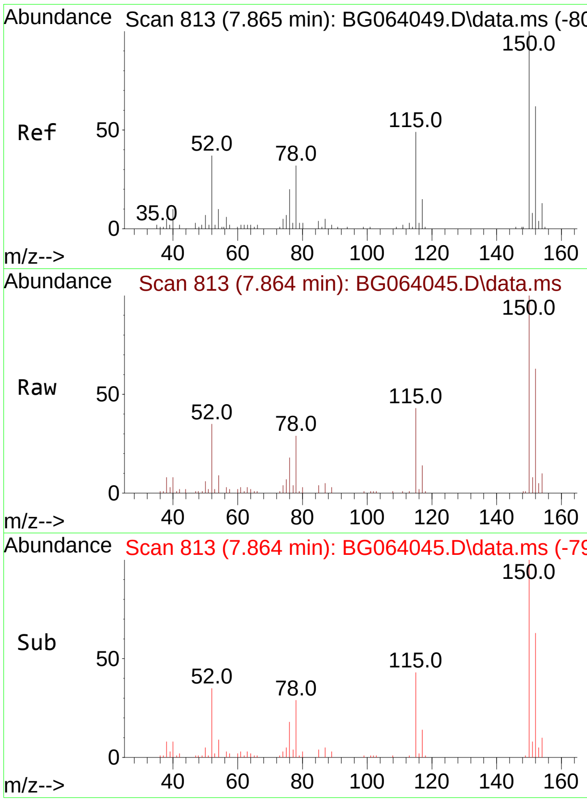
Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 05 15:19:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration



ICAL Form

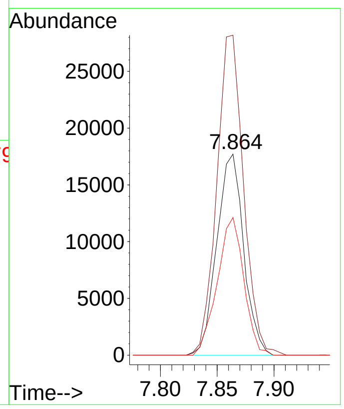
Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

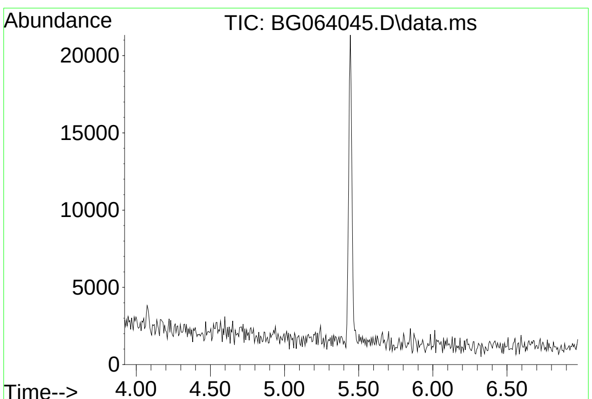


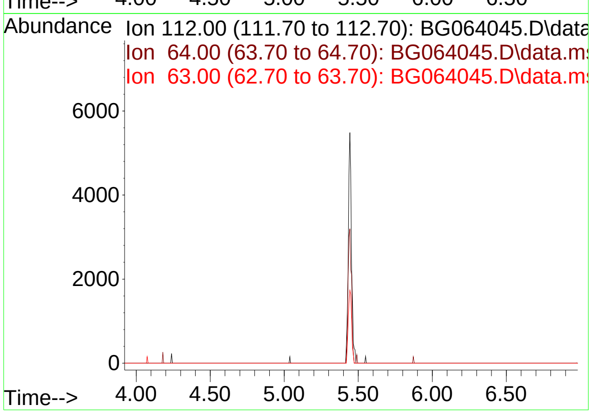
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG064045.D
Acq: 5 Mar 2025 9:02

Tgt Ion:152 Resp: 29138

Ion	Ratio	Lower	Upper
152	100		
150	159.1	129.2	193.8
115	68.4	63.0	94.6







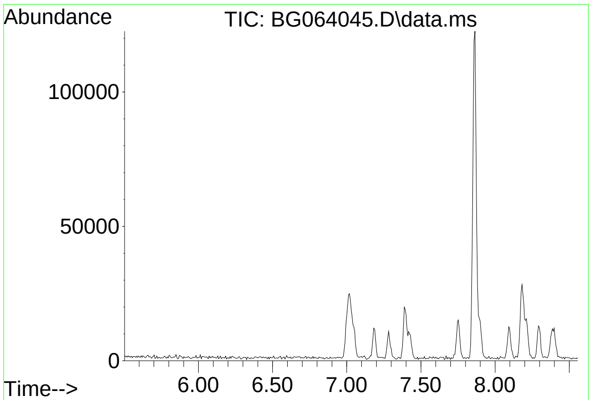
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.45 min

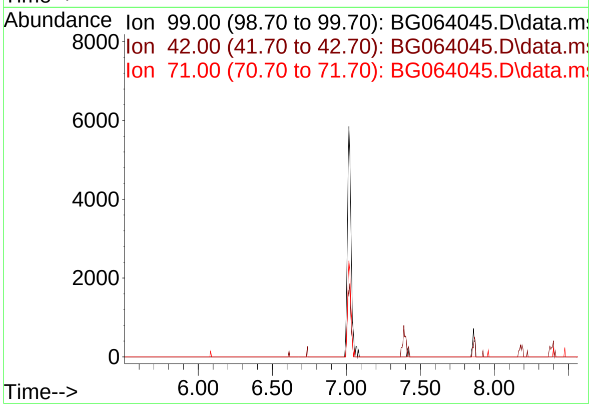
Lab File: BG064045.D
Acq: 5 Mar 2025 9:02

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	67.1
63	37.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5



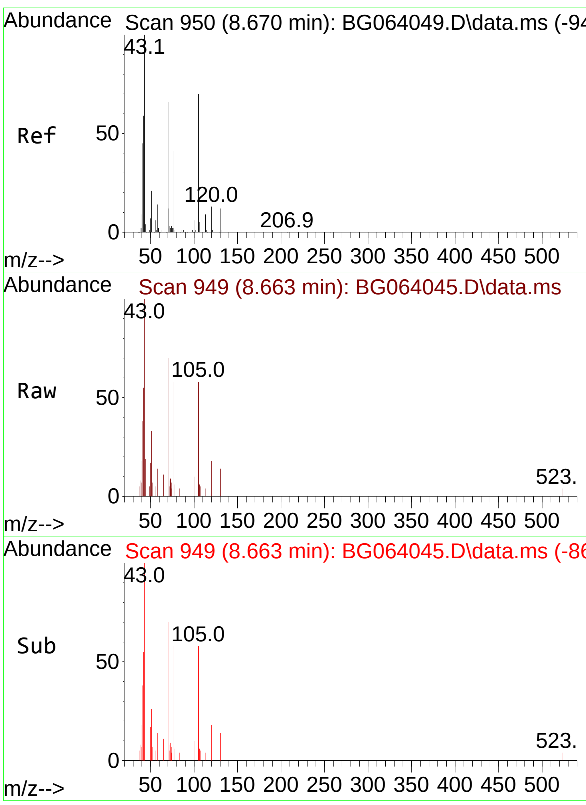


#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.03 min

Lab File: BG064045.D
Acq: 5 Mar 2025   9:02

Tgt Ion: 99

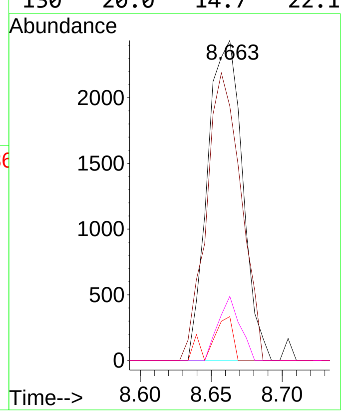
Sig	Exp Ratio
99	100
42	28.4
71	38.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.343 ng
RT: 8.663 min   Scan# 949
Delta R.T.   -0.007 min
Lab File: BG064045.D
Acq: 5 Mar 2025   9:02

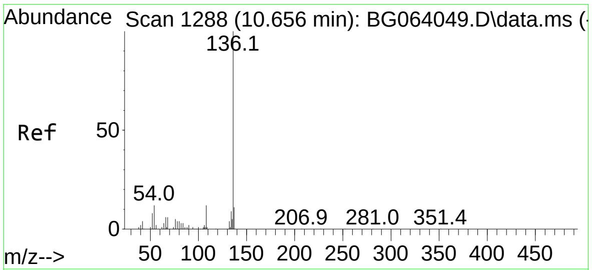
Tgt Ion: 70 Resp: 4175

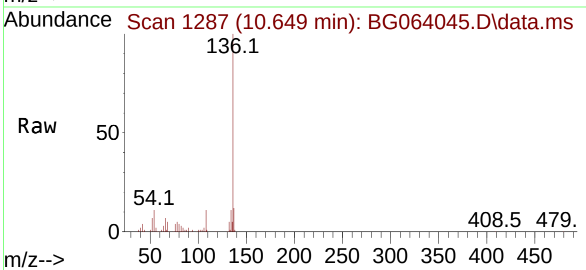
Ion	Ratio	Lower	Upper
70	100		
42	79.5	72.1	108.1
101	13.7	7.2	10.8#
130	20.0	14.7	22.1

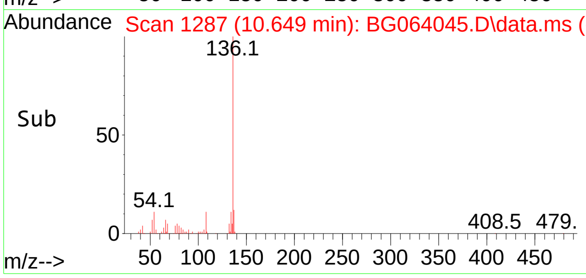


ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5



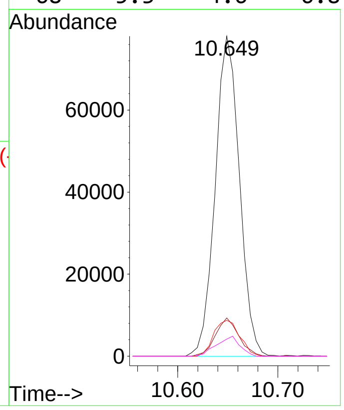


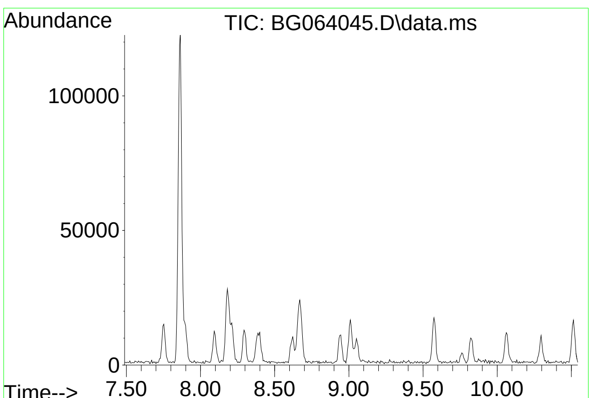


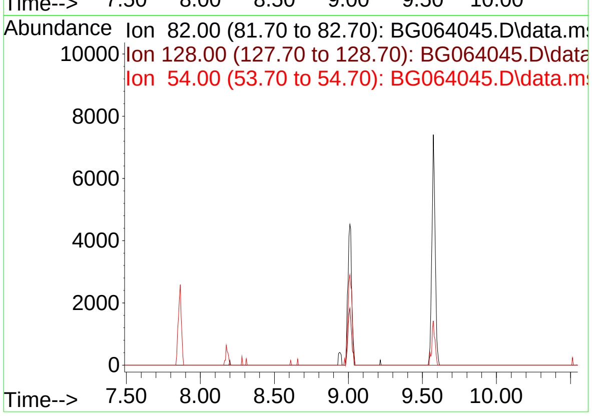
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG064045.D
Acq: 5 Mar 2025 9:02

Tgt Ion:136 Resp: 131138

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.5	12.7
54	11.2	9.9	14.9
68	5.3	4.6	6.8





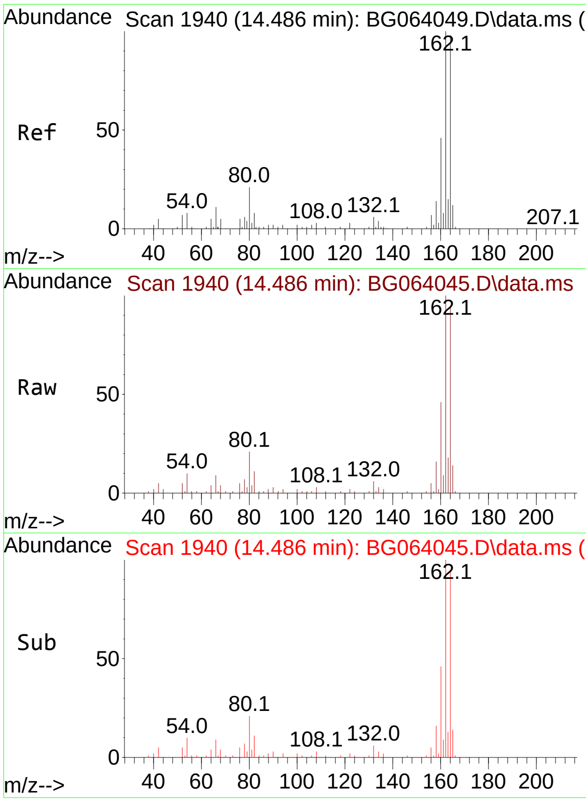


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.02 min

Lab File: BG064045.D
Acq: 5 Mar 2025 9:02

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	37.5
54	68.4

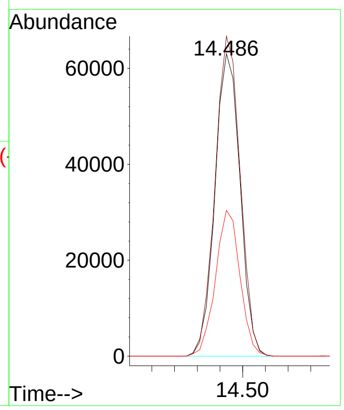


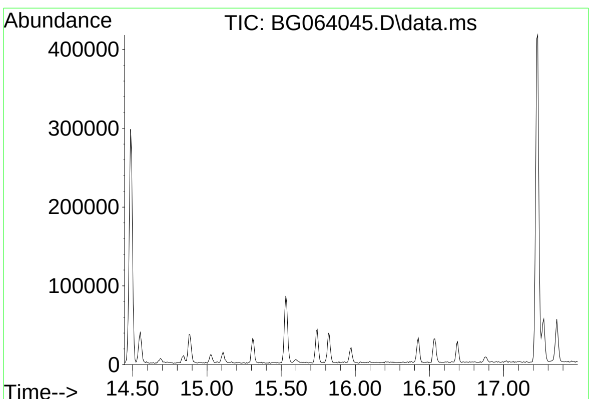
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG064045.D
Acq: 5 Mar 2025 9:02

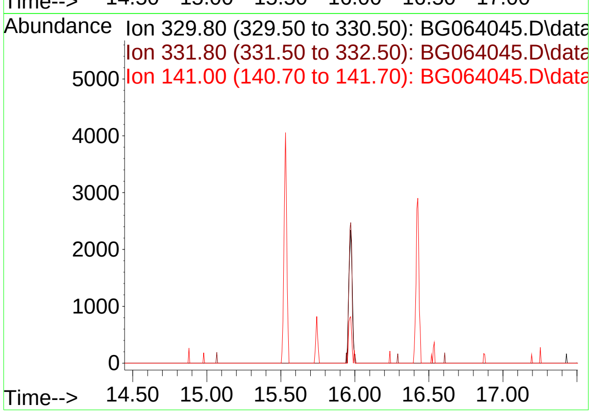
Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 97001

Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.4	122.0
160	48.2	37.0	55.6







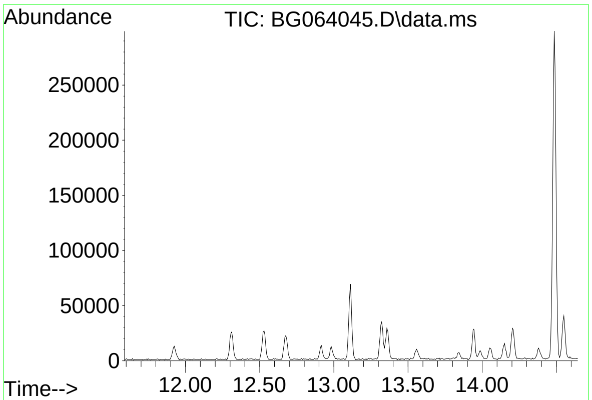
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.97 min

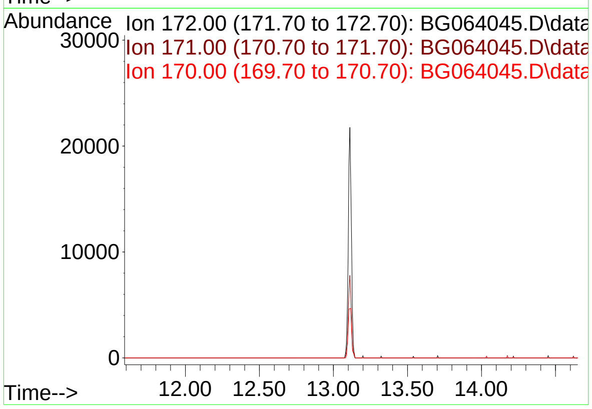
Lab File: BG064045.D
Acq: 5 Mar 2025 9:02

Tgt Ion: 330

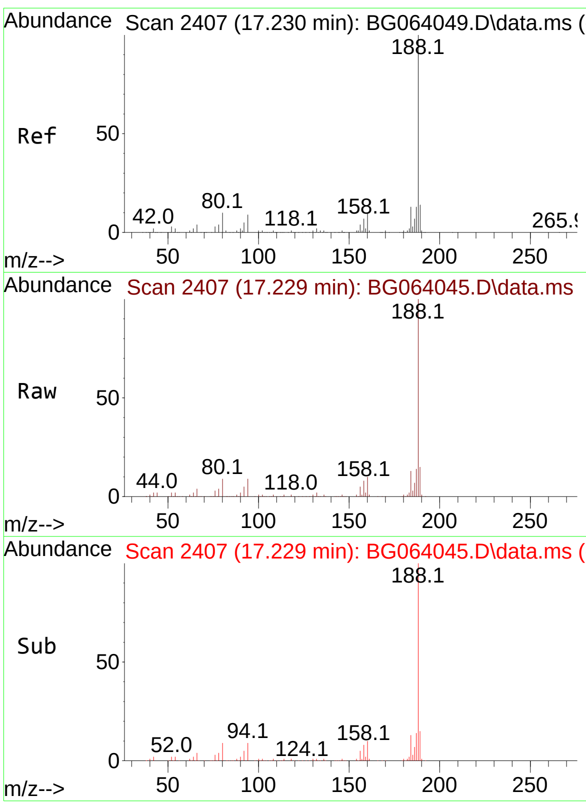
Sig	Exp Ratio
330	100
332	95.9
141	37.1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

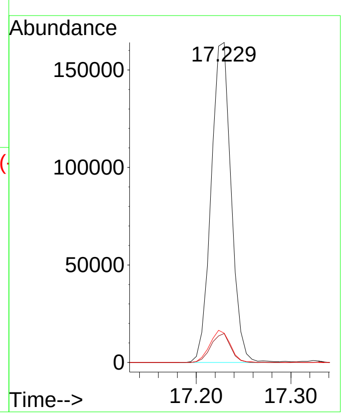


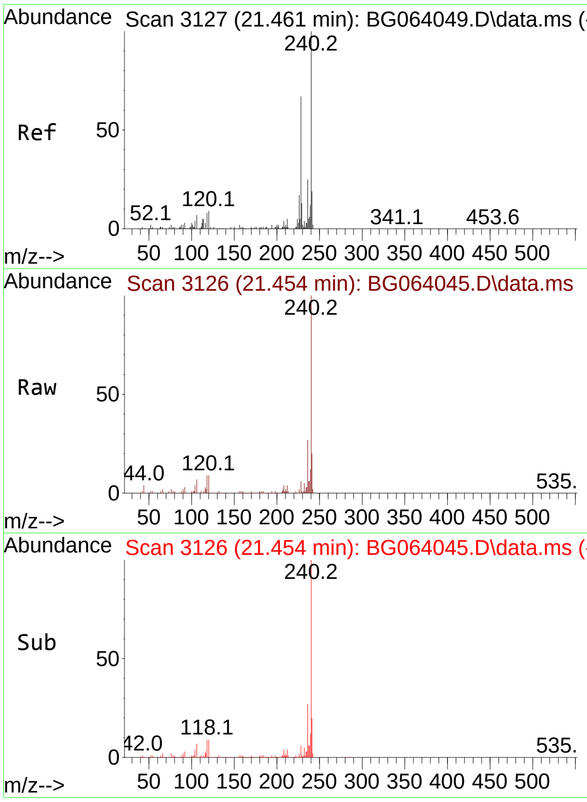



```
#45
2-Fluorobiphenyl
Concen:     0.000 ng
Expected RT: 13.12 min

Lab File:    BG064045.D
Acq:  5 Mar 2025   9:02

Tgt Ion: 172
Sig      Exp Ratio
172        100
171         35.0
170         23.4
```




```
#64
Phenanthrene-d10
Concen:   20.000 ng
RT:  17.229 min   Scan# 2407
Delta R.T.  -0.001 min
Lab File:    BG064045.D
Acq:  5 Mar 2025   9:02

Tgt Ion:188 Resp:   240464
Ion  Ratio  Lower  Upper
188  100
 94    9.1    6.9   10.3
 80    9.1    8.1   12.1
```



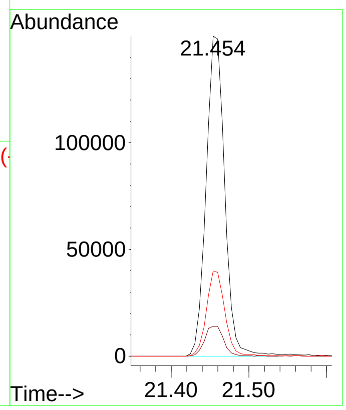


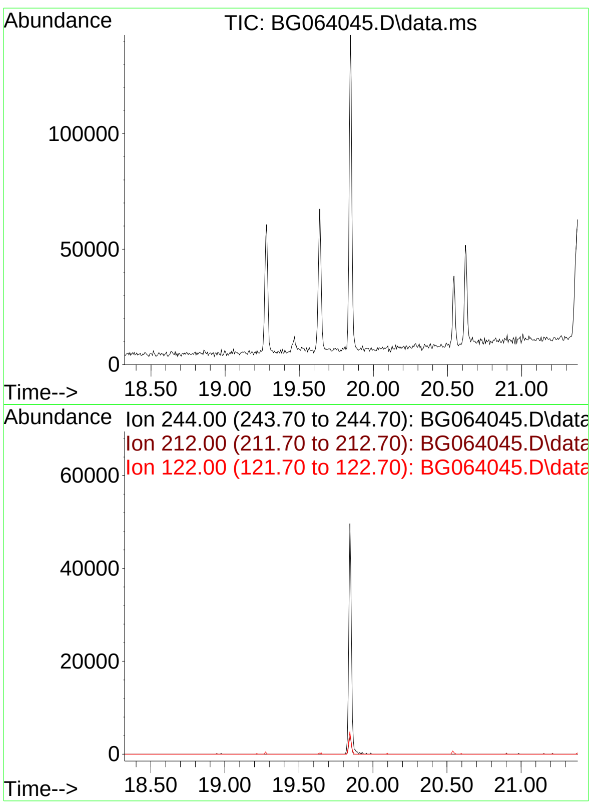
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG064045.D
Acq: 5 Mar 2025 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 249925

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.2	10.8
236	26.6	20.2	30.2



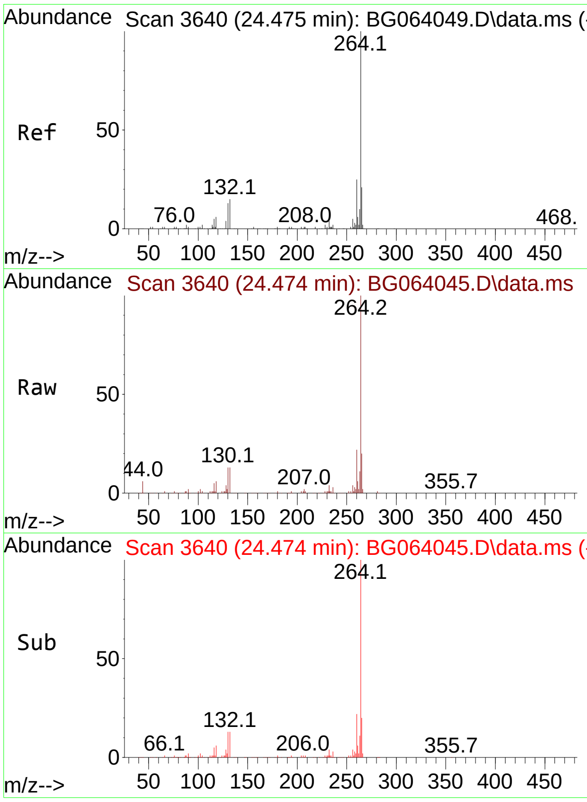


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.85 min

Lab File: BG064045.D
Acq: 5 Mar 2025 9:02

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.8
122	10.0

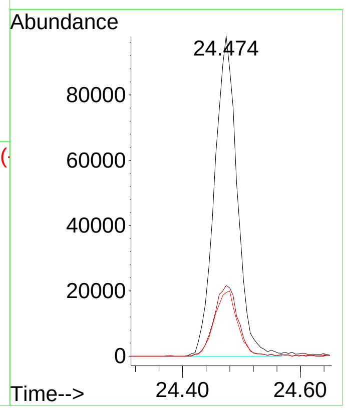


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3(
Delta R.T. -0.001 min
Lab File: BG064045.D
Acq: 5 Mar 2025 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 262700

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.6	29.4
265	19.9	16.6	25.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064046.D
Acq On : 5 Mar 2025 9:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:20:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.865	152	33357	20.000	ng		0.00
21) Naphthalene-d8	10.650	136	142015	20.000	ng		0.00
39) Acenaphthene-d10	14.487	164	99722	20.000	ng		0.00
64) Phenanthrene-d10	17.225	188	234862	20.000	ng		0.00
76) Chrysene-d12	21.455	240	251570	20.000	ng		0.00
86) Perylene-d12	24.469	264	257404	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.450	112	19435	9.098	ng		0.00
7) Phenol-d6	7.025	99	26345	9.065	ng		0.00
23) Nitrobenzene-d5	9.011	82	20601	8.016	ng		0.00
42) 2,4,6-Tribromophenol	15.967	330	8299	7.487	ng		0.00
45) 2-Fluorobiphenyl	13.112	172	68235	10.386	ng		0.00
79) Terphenyl-d14	19.845	244	127223	10.226	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	4983	5.147	ng		88
3) Pyridine	3.764	79	12091	5.135	ng		90
4) n-Nitrosodimethylamine	3.676	42	7436	4.420	ng	#	86
6) Aniline	7.189	93	13285	4.659	ng	#	90
8) 2-Chlorophenol	7.424	128	10525	4.587	ng		93
9) Benzaldehyde	7.007	77	9269	5.456	ng		91
10) Phenol	7.048	94	13256	4.455	ng		95
11) bis(2-Chloroethyl)ether	7.289	93	11465	4.915	ng		92
12) 1,3-Dichlorobenzene	7.753	146	12701	5.041	ng		99
13) 1,4-Dichlorobenzene	7.894	146	12909m	4.999	ng		
14) 1,2-Dichlorobenzene	8.218	146	12410m	4.983	ng		
15) Benzyl Alcohol	8.094	79	9299	4.141	ng	#	91
16) 2,2'-oxybis(1-Chloropr...	8.400	45	25555	4.872	ng		94
17) 2-Methylphenol	8.300	107	8465	4.287	ng		88
18) Hexachloroethane	8.946	117	4075	4.510	ng		85
19) n-Nitroso-di-n-propyla...	8.664	70	9131	4.477	ng	#	96
20) 3+4-Methylphenols	8.623	107	11690	4.300	ng		95
22) Acetophenone	8.676	105	18540	4.761	ng		95
24) Nitrobenzene	9.052	77	10563	3.977	ng	#	91
25) Isophorone	9.575	82	25179	4.895	ng		98
26) 2-Nitrophenol	9.769	139	2362	6.094	ng		88
27) 2,4-Dimethylphenol	9.822	122	6887	4.466	ng	#	88
28) bis(2-Chloroethoxy)met...	10.062	93	15067	4.832	ng		95
29) 2,4-Dichlorophenol	10.297	162	7898	4.056	ng		96
30) 1,2,4-Trichlorobenzene	10.515	180	11480	4.884	ng		93
31) Naphthalene	10.703	128	38285	4.999	ng		99
33) 4-Chloroaniline	10.809	127	12591	4.499	ng		95
34) Hexachlorobutadiene	10.997	225	7373	4.786	ng	#	91
35) Caprolactam	11.537	113	3052	4.090	ng	#	89
36) 4-Chloro-3-methylphenol	11.925	107	10408	4.078	ng		92
37) 2-Methylnaphthalene	12.313	142	27533	5.093	ng		99
38) 1-Methylnaphthalene	12.530	142	26458	4.995	ng		97
40) 1,2,4,5-Tetrachloroben...	12.677	216	13634	4.789	ng		94
41) Hexachlorocyclopentadiene	12.665	237	3078	3.841	ng		97
43) 2,4,6-Trichlorophenol	12.912	196	6684m	3.983	ng		
44) 2,4,5-Trichlorophenol	12.983	196	7092	3.804	ng		94

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064046.D
Acq On : 5 Mar 2025 9:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:20:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46) 1,1'-Biphenyl	13.323	154	37550	4.984 ng		98
47) 2-Chloronaphthalene	13.359	162	27076	4.928 ng		95
48) 2-Nitroaniline	13.552	65	4908	6.075 ng		84
49) Acenaphthylene	14.205	152	42736	4.917 ng		96
50) Dimethylphthalate	13.940	163	35694	4.849 ng		99
51) 2,6-Dinitrotoluene	14.058	165	3942	5.812 ng	#	81
52) Acenaphthene	14.551	154	29044m	4.969 ng		
53) 3-Nitroaniline	14.387	138	4736	3.329 ng	#	84
55) Dibenzofuran	14.880	168	48004	5.080 ng		96
57) 2,4-Dinitrotoluene	14.839	165	5618	6.165 ng	#	95
58) Fluorene	15.532	166	38777	5.269 ng		90
59) 2,3,4,6-Tetrachlorophenol	15.109	232	6538	3.597 ng	#	94
60) Diethylphthalate	15.309	149	37289	4.666 ng		98
61) 4-Chlorophenyl-phenyle...	15.532	204	18807	5.142 ng		89
62) 4-Nitroaniline	15.538	138	5314	3.460 ng		93
63) Azobenzene	15.820	77	43236	5.070 ng		96
66) n-Nitrosodiphenylamine	15.744	169	32754	4.927 ng		96
67) 4-Bromophenyl-phenylether	16.426	248	10898	4.531 ng		93
68) Hexachlorobenzene	16.531	284	13351	4.958 ng		99
69) Atrazine	16.690	200	10297	5.264 ng		89
71) Phenanthrene	17.266	178	63629	5.079 ng		98
72) Anthracene	17.354	178	60108	4.825 ng		98
73) Carbazole	17.624	167	55726	4.792 ng		99
74) Di-n-butylphthalate	18.200	149	54700	3.996 ng	#	95
75) Fluoranthene	19.275	202	74694	4.946 ng		99
77) Benzidine	19.463	184	13919m	3.941 ng		
78) Pyrene	19.639	202	78707	4.853 ng		98
80) Butylbenzylphthalate	20.538	149	17899	6.356 ng		96
81) Benzo(a)anthracene	21.437	228	76566	4.751 ng		98
82) 3,3'-Dichlorobenzidine	21.361	252	22038	4.226 ng		89
83) Chrysene	21.502	228	80580	5.014 ng		98
84) Bis(2-ethylhexyl)phtha...	21.379	149	31674	3.634 ng		94
87) Indeno(1,2,3-cd)pyrene	27.865	276	78681	4.569 ng	#	94
88) Benzo(b)fluoranthene	23.523	252	74031	4.757 ng		99
89) Benzo(k)fluoranthene	23.588	252	71522	4.582 ng		98
90) Benzo(a)pyrene	24.322	252	63881	4.610 ng	#	96
91) Dibenzo(a,h)anthracene	27.912	278	66224	4.638 ng		98
92) Benzo(g,h,i)perylene	28.905	276	67535	4.607 ng	#	93

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

Quantitation Report (QT Reviewed)

ICAL Form

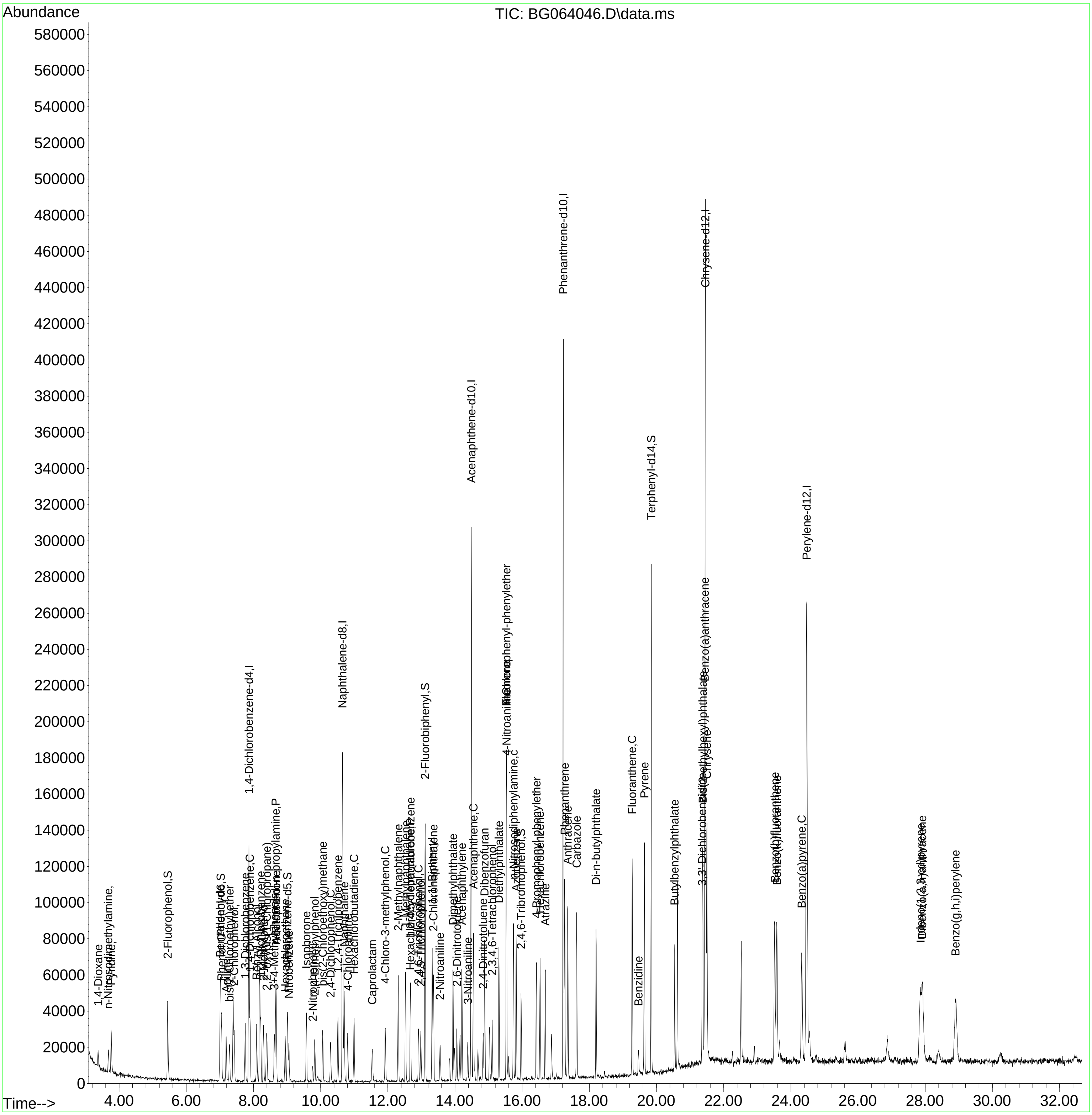
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064046.D
Acq On : 5 Mar 2025 9:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

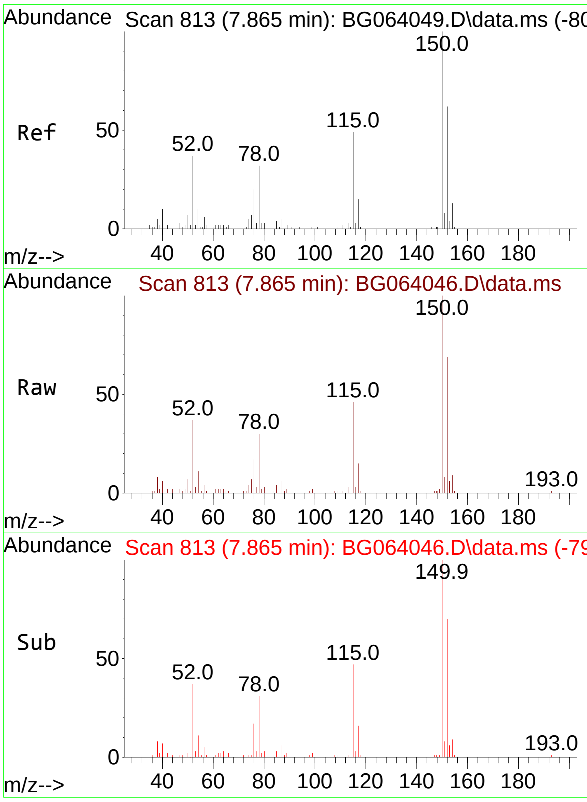
Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:20:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration



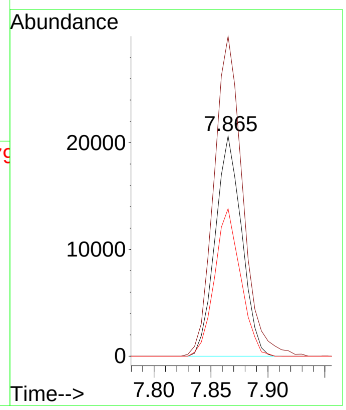
ICAL Form



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:152 Resp: 3335

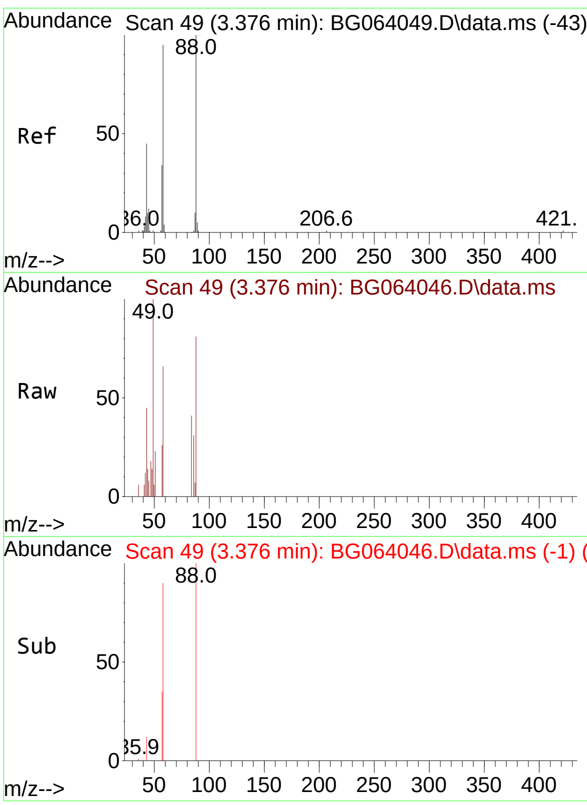
Ion	Ratio	Lower	Upper
152	100		
150	145.3	129.2	193.8
115	67.0	63.0	94.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

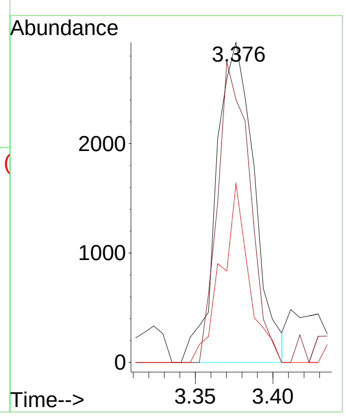
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

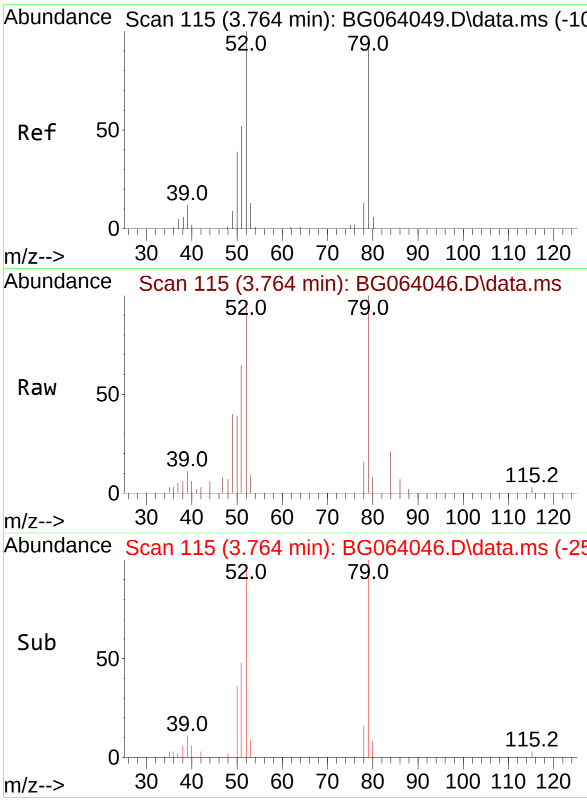


#2
1,4-Dioxane
Concen: 5.147 ng
RT: 3.376 min Scan# 49
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion: 88 Resp: 4983

Ion	Ratio	Lower	Upper
88	100		
58	79.5	74.6	111.8
43	40.5	35.5	53.3





#3
Pyridine
Concen: 5.135 ng
RT: 3.764 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

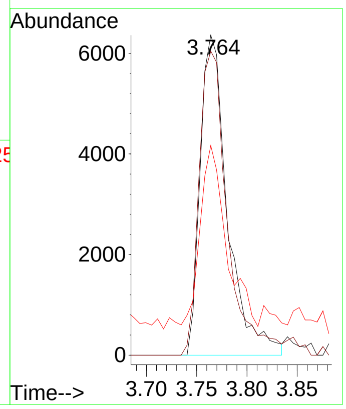
Instrument :
BNA_G
ClientSampleId :
SSTDICC005

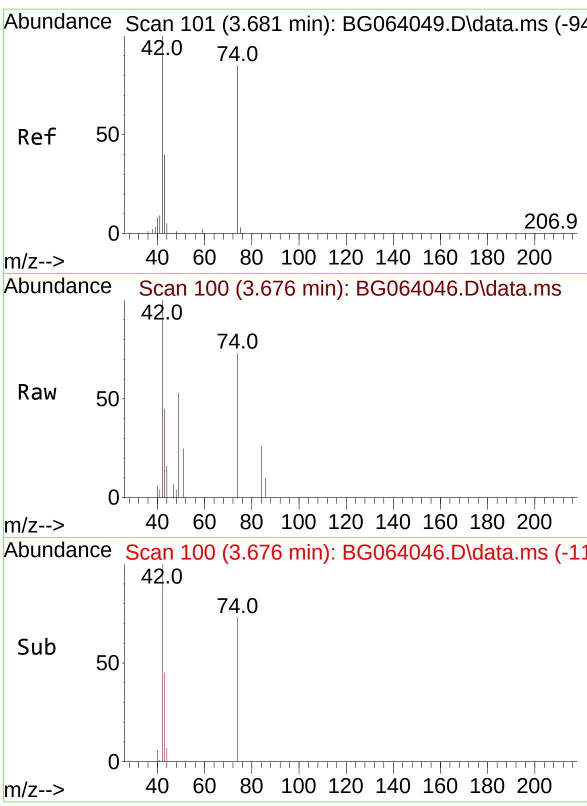
Tgt Ion: 79 Resp: 1209

Ion	Ratio	Lower	Upper
79	100		
52	95.0	83.0	124.6
51	65.5	44.3	66.5

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

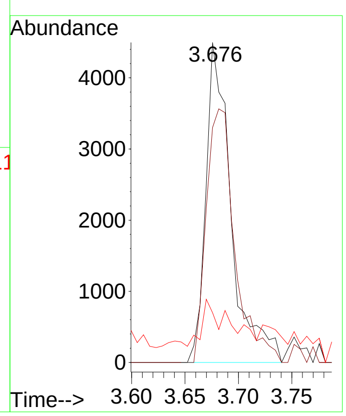


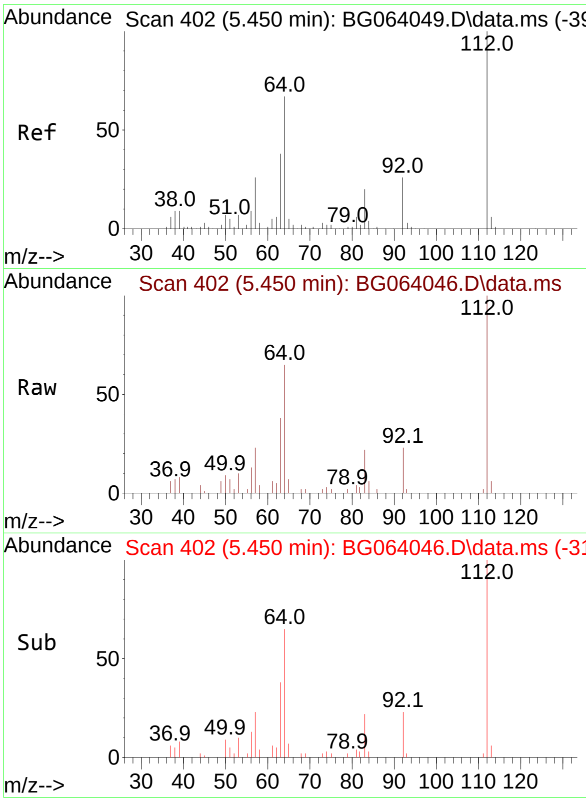


#4
n-Nitrosodimethylamine
Concen: 4.420 ng
RT: 3.676 min Scan# 100
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion: 42 Resp: 7436

Ion	Ratio	Lower	Upper
42	100		
74	73.4	68.0	102.0
44	15.6	4.9	7.3#





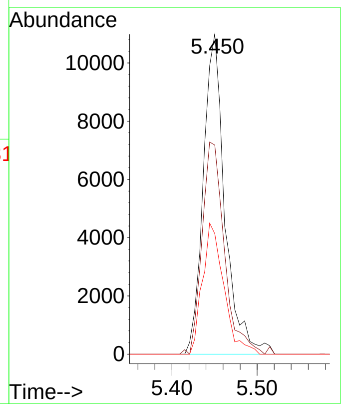
#5
2-Fluorophenol
Concen: 9.098 ng
RT: 5.450 min Scan# 40
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

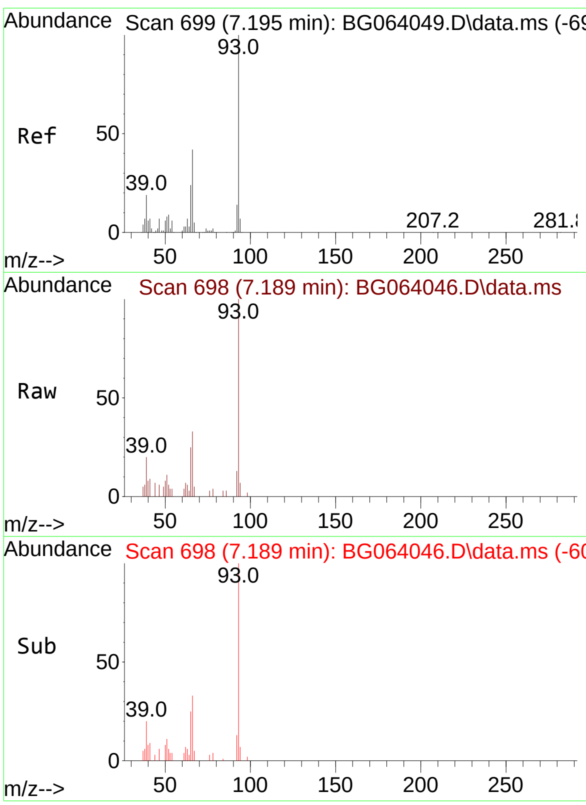
Tgt Ion:112 Resp: 1943

Ion	Ratio	Lower	Upper
112	100		
64	65.4	53.7	80.5
63	37.6	30.2	45.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

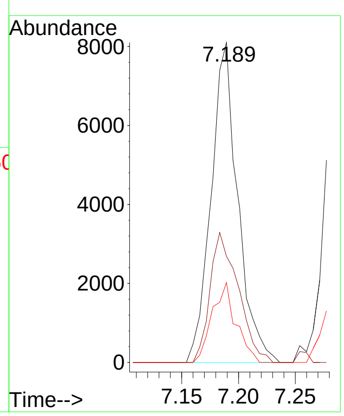




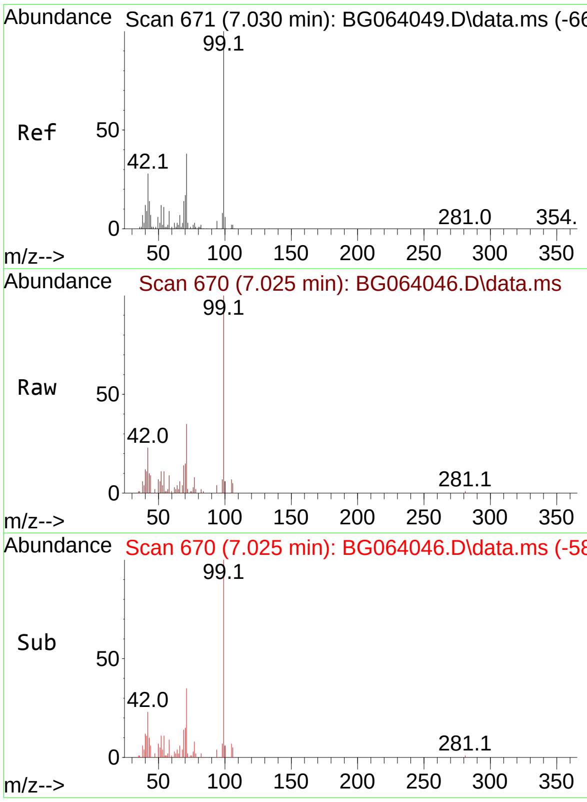
#6
Aniline
Concen: 4.659 ng
RT: 7.189 min Scan# 698
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion: 93 Resp: 13285

Ion	Ratio	Lower	Upper
93	100		
66	33.2	33.7	50.5#
65	25.0	19.1	28.7



ICAL Form



#7
Phenol-d6
Concen: 9.065 ng
RT: 7.025 min Scan# 67
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion: 99 Resp: 26345

Ion	Ratio	Lower	Upper
99	100		
42	22.7	22.7	34.1#
71	35.2	30.6	46.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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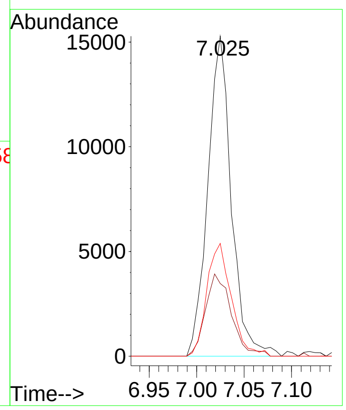
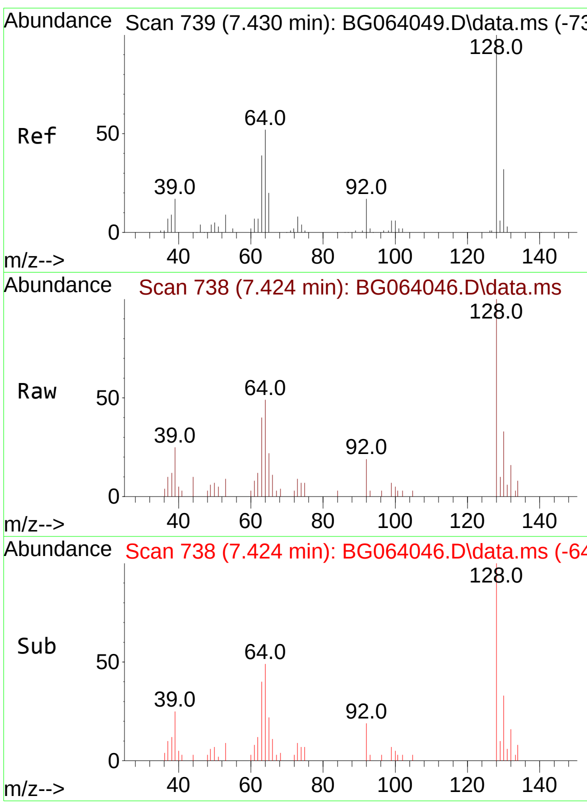
Supervised By :mohammad ahmed 03/07/2025

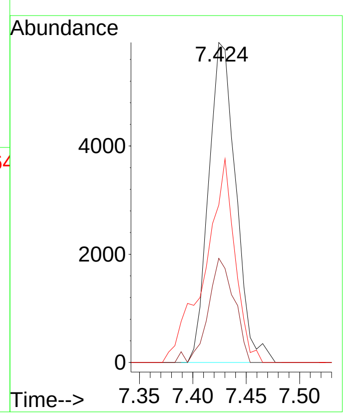




#8
2-Chlorophenol
Concen: 4.587 ng
RT: 7.424 min Scan# 738
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:128 Resp: 10525

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	49.2	37.0	77.0



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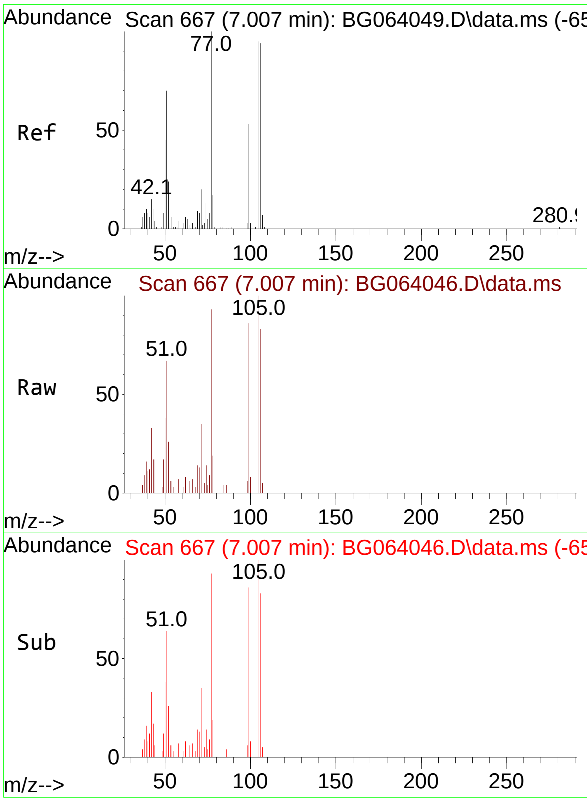
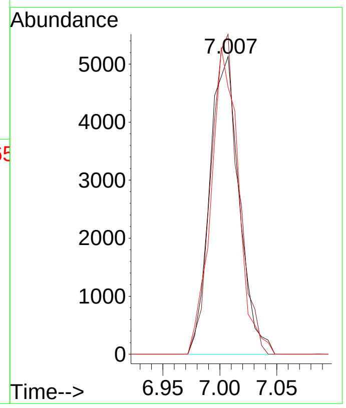


#9
Benzaldehyde
Concen: 5.456 ng
RT: 7.007 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion: 77 Resp: 926

Ion	Ratio	Lower	Upper
77	100		
105	107.4	75.5	115.5
106	89.7	74.2	114.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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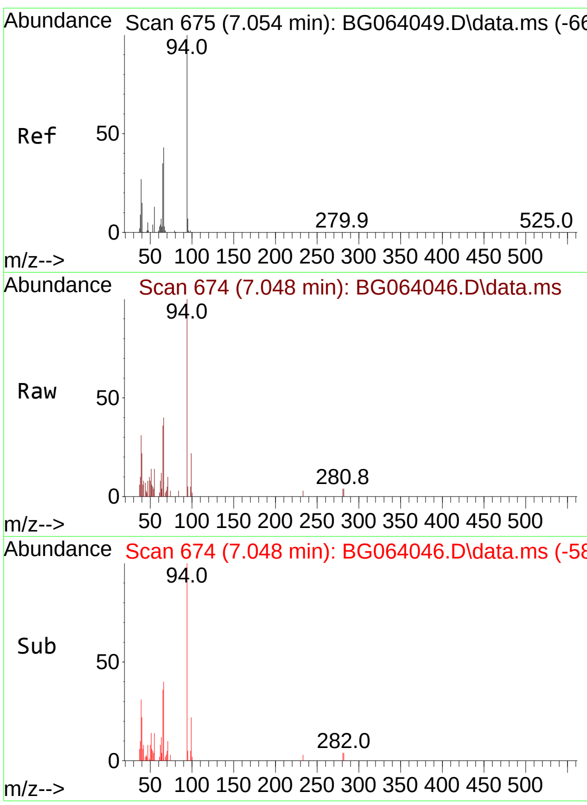
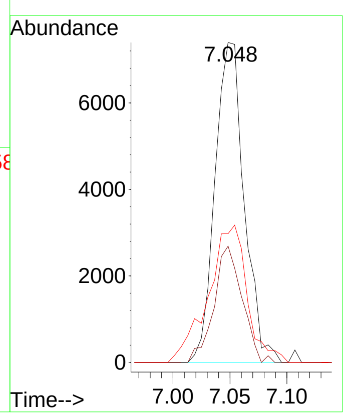


#10
Phenol
Concen: 4.455 ng
RT: 7.048 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion: 94 Resp: 13256

Ion	Ratio	Lower	Upper
94	100		
65	36.4	15.2	55.2
66	40.2	25.1	65.1



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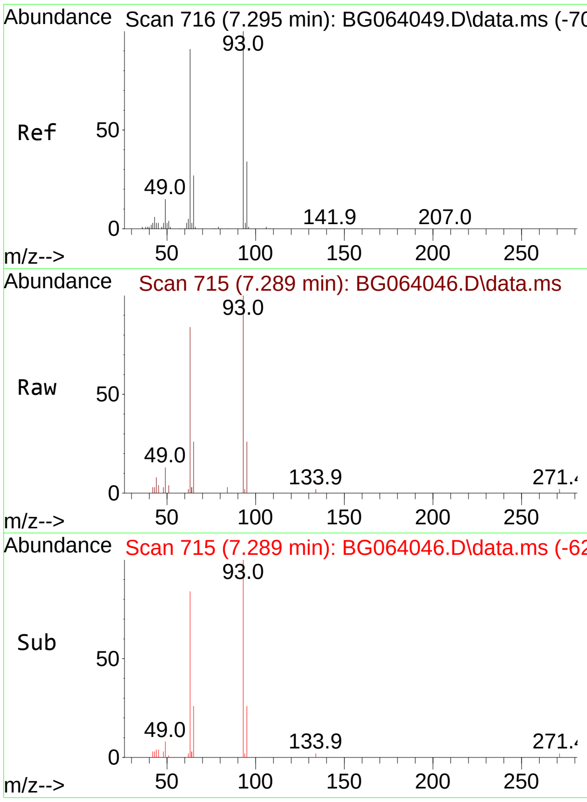

#11
bis(2-Chloroethyl)ether
Concen: 4.915 ng
RT: 7.289 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion: 93 Resp: 11465

Ion	Ratio	Lower	Upper
93	100		
63	84.1	70.0	110.0
95	26.4	13.7	53.7

Instrument :
BNA_G
ClientSampleId :
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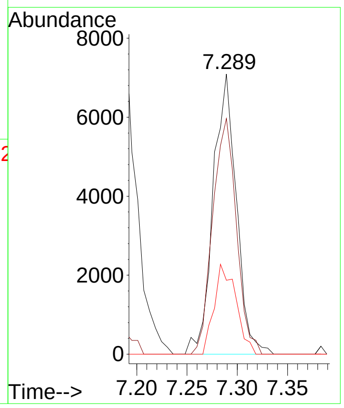
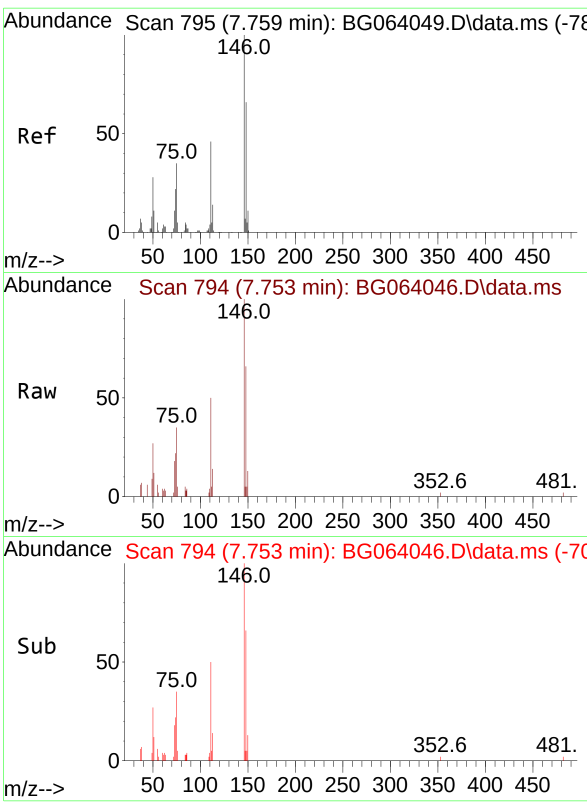
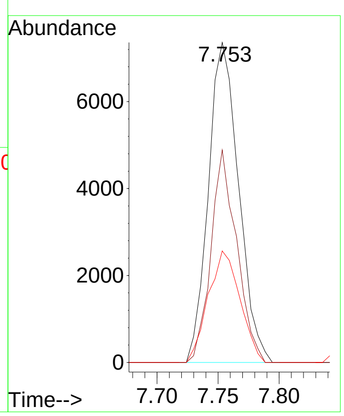


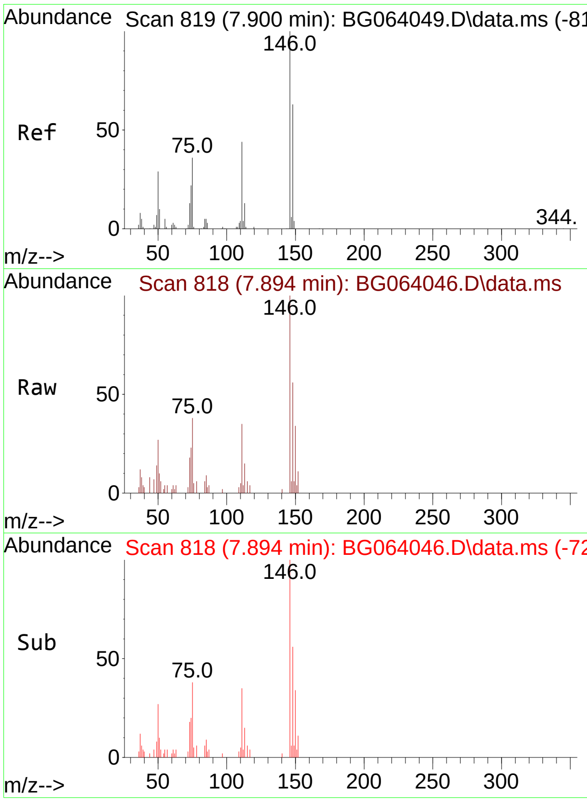


#12
1,3-Dichlorobenzene
Concen: 5.041 ng
RT: 7.753 min Scan# 794
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:146 Resp: 12701

Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.6	78.8
75	34.9	28.1	42.1





#13
1,4-Dichlorobenzene
Concen: 4.999 ng m
RT: 7.894 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:146 Resp: 1290

Ion	Ratio	Lower	Upper
146	100		
148	55.9	50.6	75.8
111	34.7	35.1	52.7#

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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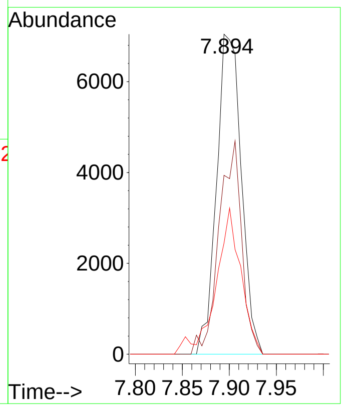
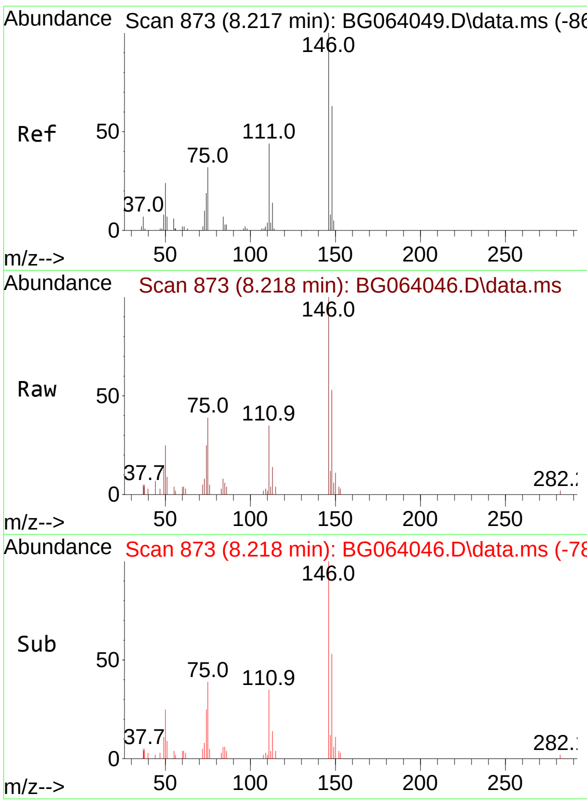
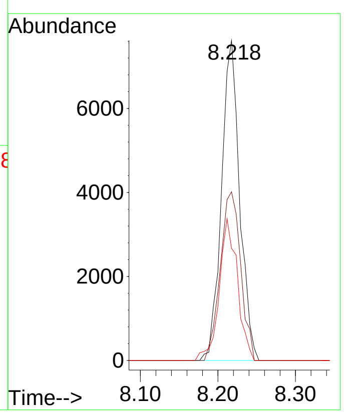


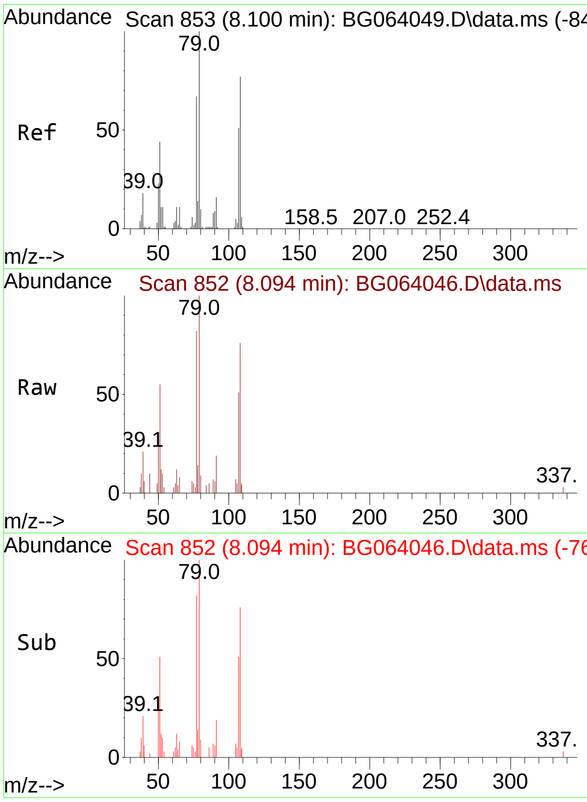


#14
1,2-Dichlorobenzene
Concen: 4.983 ng m
RT: 8.218 min Scan# 873
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:146 Resp: 12410

Ion	Ratio	Lower	Upper
146	100		
148	52.7	50.2	75.2
111	35.0	36.4	54.6#





#15
Benzyl Alcohol
Concen: 4.141 ng
RT: 8.094 min   Scan# 8
Delta R.T.   -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025   9:42

Tgt Ion: 79 Resp: 929

Ion	Ratio	Lower	Upper
79	100		
108	76.0	61.7	92.5
77	81.7	53.9	80.9#

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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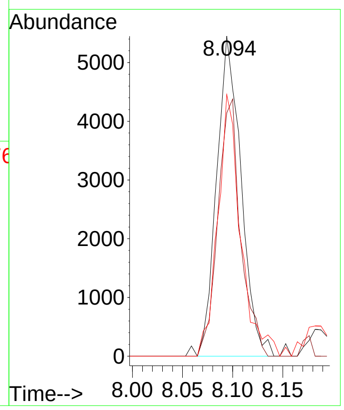
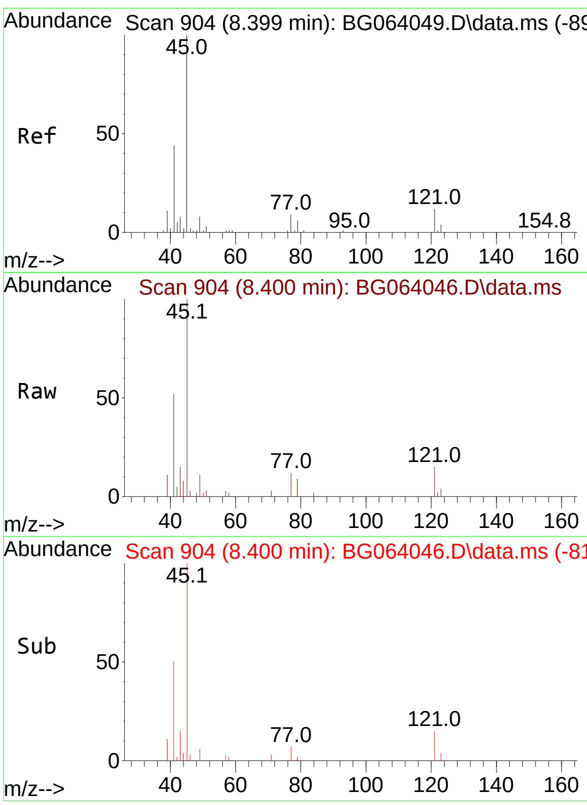
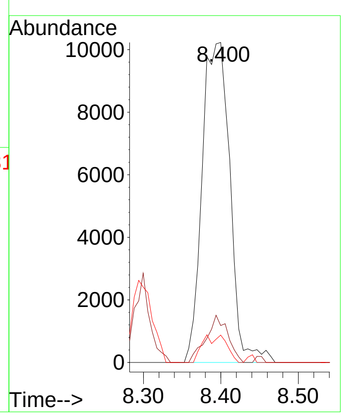


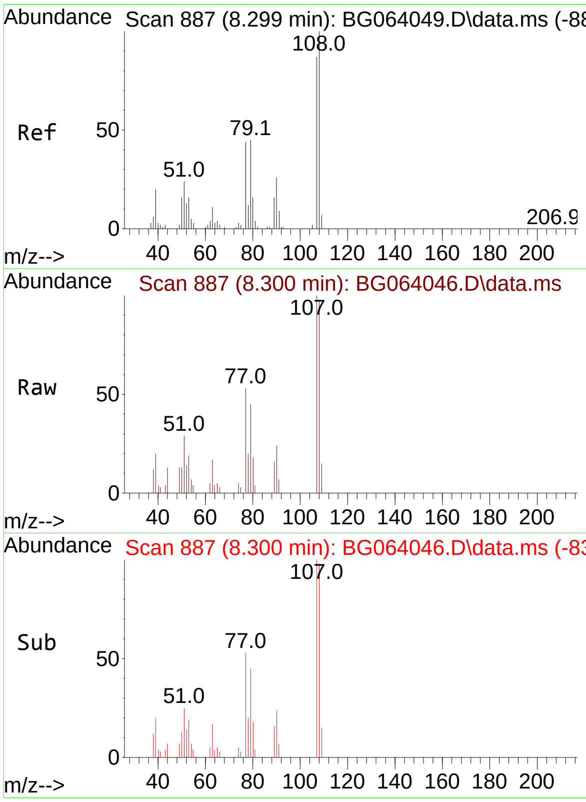


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.872 ng
RT: 8.400 min   Scan# 904
Delta R.T.   0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025   9:42

Tgt Ion: 45 Resp: 25555

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	29.0
79	8.5	0.0	26.6






```
#17
2-Methylphenol
Concen:    4.287 ng
RT:   8.300 min   Scan# 8
Delta R.T.   0.000 min
Lab File:    BG064046.D
Acq:  5 Mar 2025   9:42

Tgt Ion:107 Resp:    846
Ion   Ratio   Lower   Upper
107   100
108    97.5    92.5   138.7
 77    52.8    40.5    60.7
 79    44.6    41.3    61.9
```

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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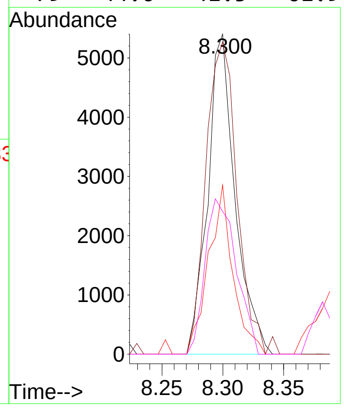
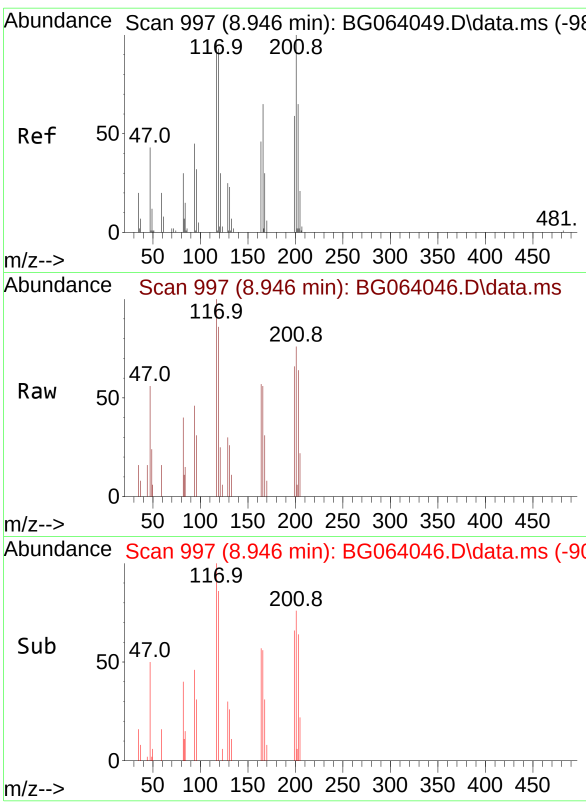
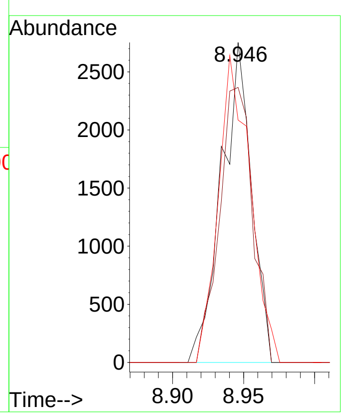





```
#18
Hexachloroethane
Concen:    4.510 ng
RT:   8.946 min   Scan# 997
Delta R.T.   0.000 min
Lab File:    BG064046.D
Acq:  5 Mar 2025   9:42

Tgt Ion:117 Resp:    4075
Ion   Ratio   Lower   Upper
117   100
119    85.9    76.2   114.2
201    81.9    81.5   122.3
```



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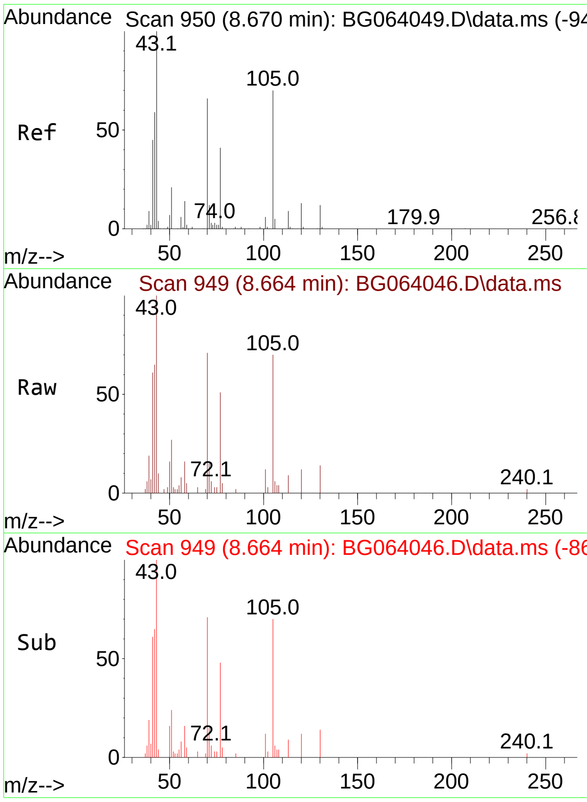

#19
n-Nitroso-di-n-propylamine
Concen: 4.477 ng
RT: 8.664 min Scan# 94
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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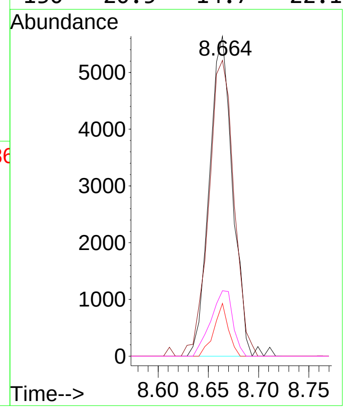
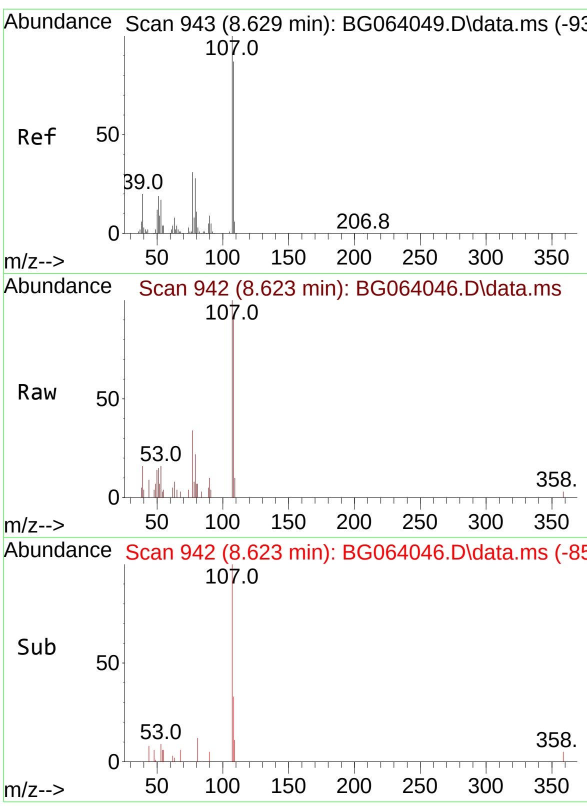
Tgt Ion: 70 Resp: 9131

Ion	Ratio	Lower	Upper
70	100		
42	92.5	72.1	108.1
101	16.5	7.2	10.8#
130	20.5	14.7	22.1

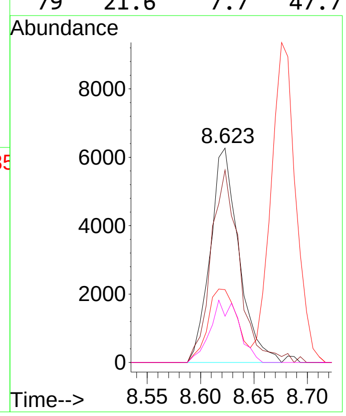




#20
3+4-Methylphenols
Concen: 4.300 ng
RT: 8.623 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:107 Resp: 11690

Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.0	107.0
77	33.9	11.2	51.2
79	21.6	7.7	47.7



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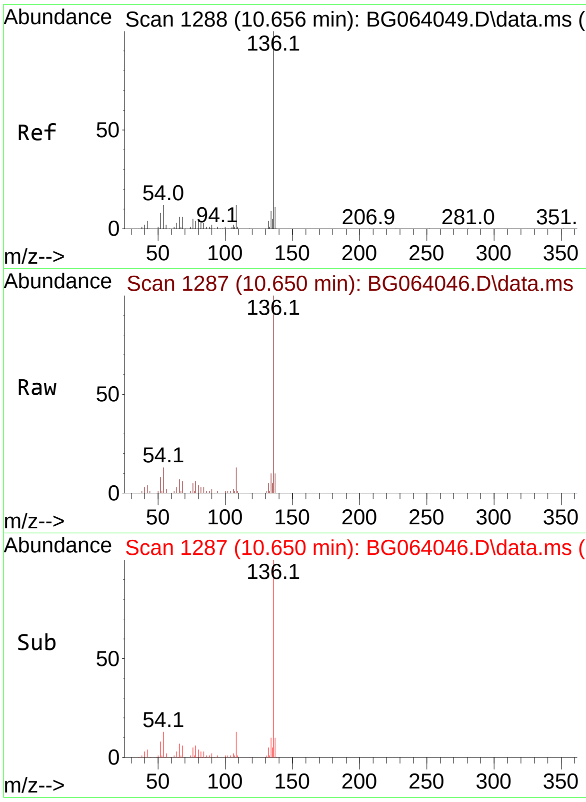
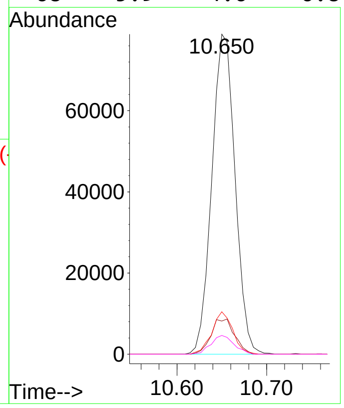


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:136 Resp: 14201

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	13.2	9.9	14.9
68	5.9	4.6	6.8



Instrument :
BNA_G
ClientSampleId :
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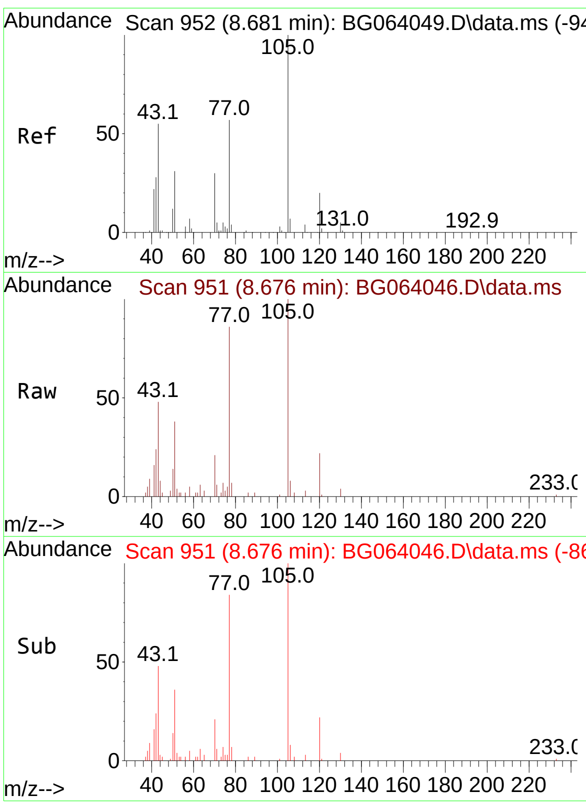
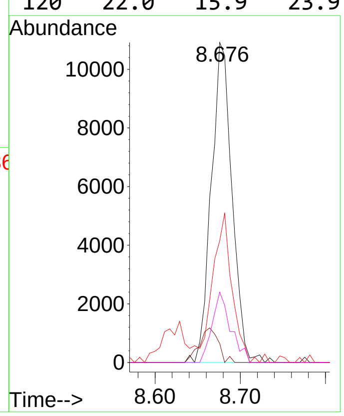
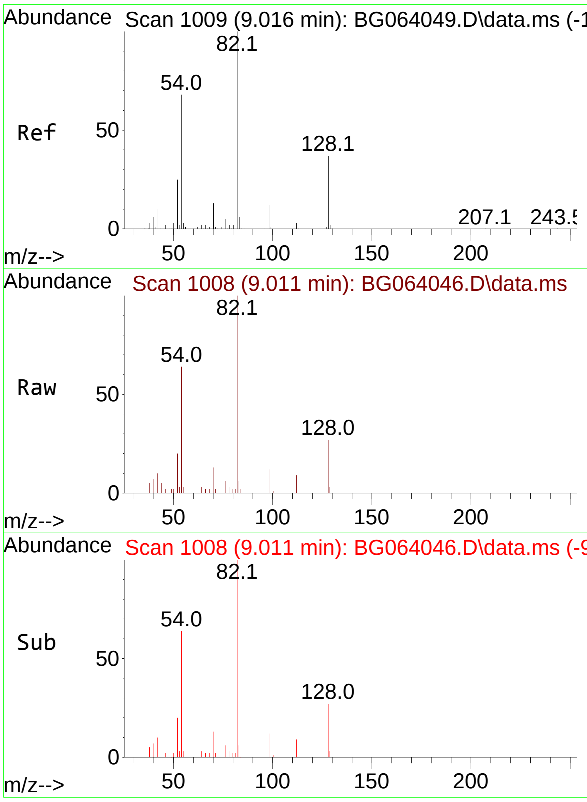


#22
Acetophenone
Concen: 4.761 ng
RT: 8.676 min Scan# 951
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:105 Resp: 18540

Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.2	6.4
51	38.1	33.3	49.9
120	22.0	15.9	23.9





#23
Nitrobenzene-d5
Concen: 8.016 ng
RT: 9.011 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion: 82 Resp: 2060(

Ion	Ratio	Lower	Upper
82	100		
128	27.2	30.0	45.0#
54	63.8	54.7	82.1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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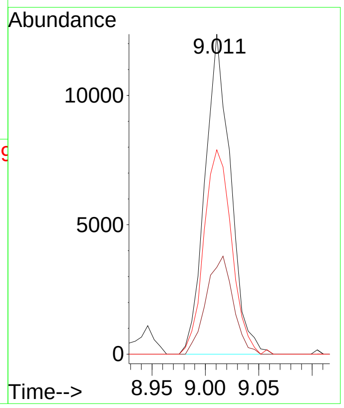
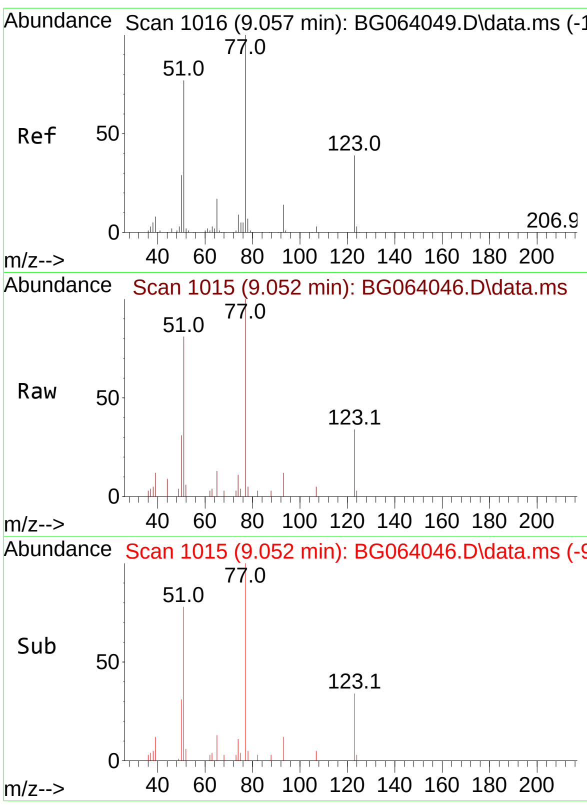
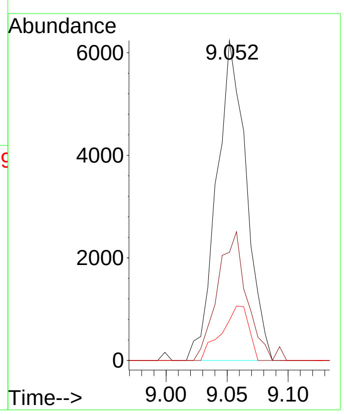




#24
Nitrobenzene
Concen: 3.977 ng
RT: 9.052 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion: 77 Resp: 10563

Ion	Ratio	Lower	Upper
77	100		
123	33.8	31.4	47.2
65	12.6	13.4	20.0#



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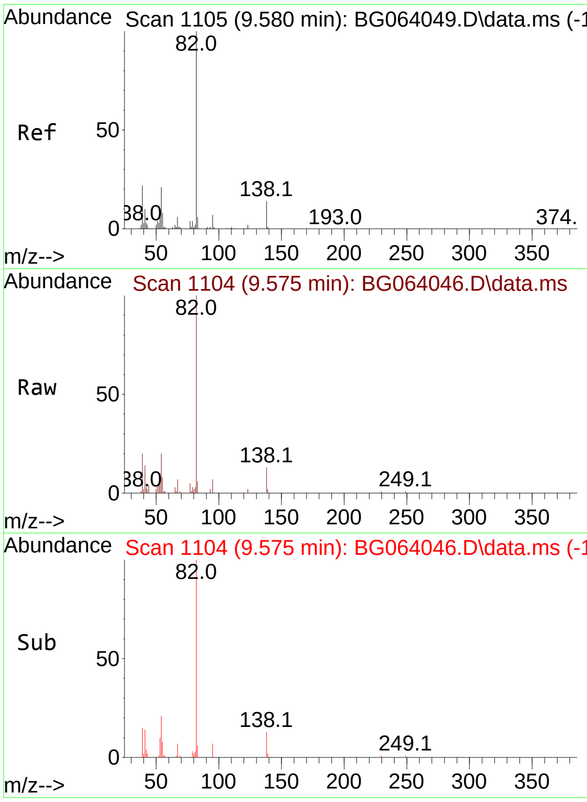

#25
Isophorone
Concen: 4.895 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion: 82 Resp: 2517

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.8
138	12.6	10.9	16.3

Instrument : BNA_G
ClientSampleId : SSTDICC005

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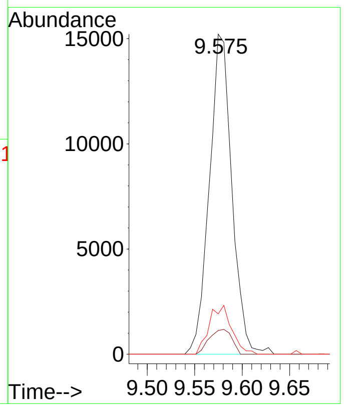
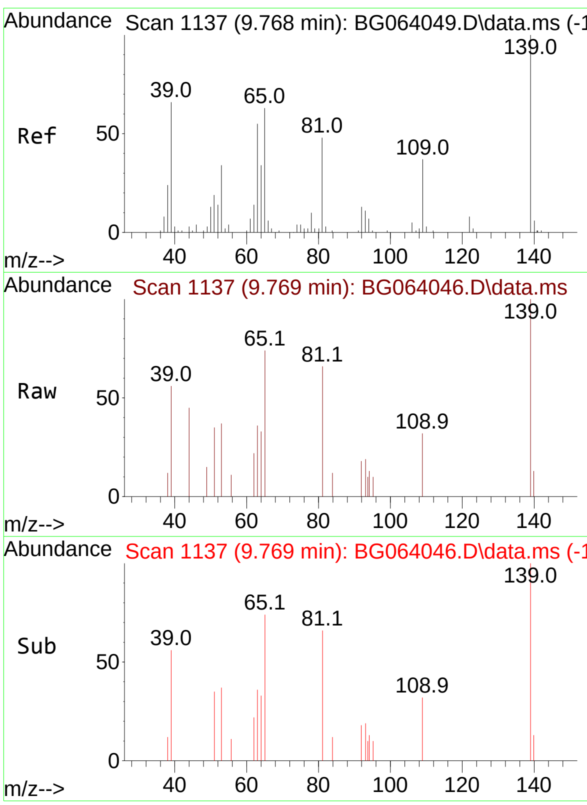
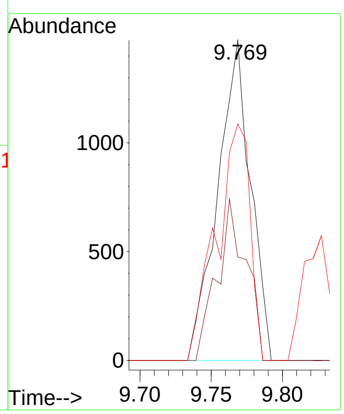




#26
2-Nitrophenol
Concen: 6.094 ng
RT: 9.769 min Scan# 1137
Delta R.T. 0.001 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:139 Resp: 2362

Ion	Ratio	Lower	Upper
139	100		
109	32.3	29.9	44.9
65	74.0	50.6	76.0



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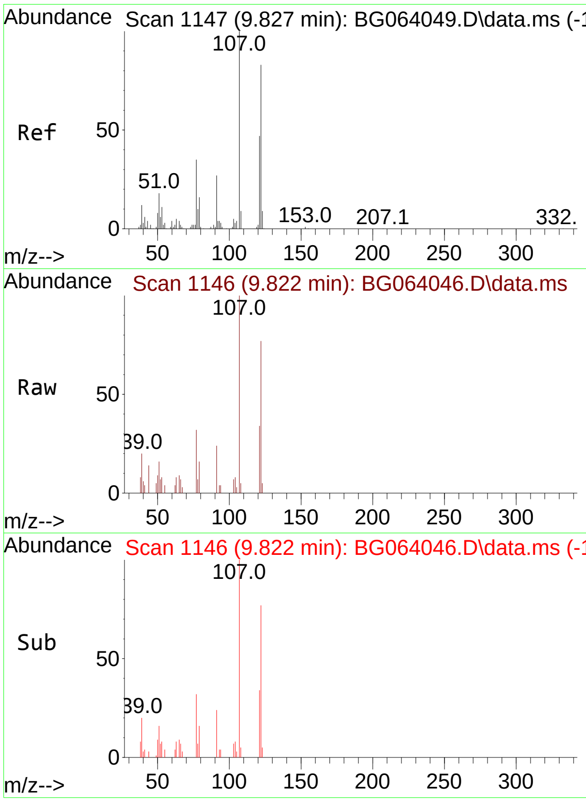
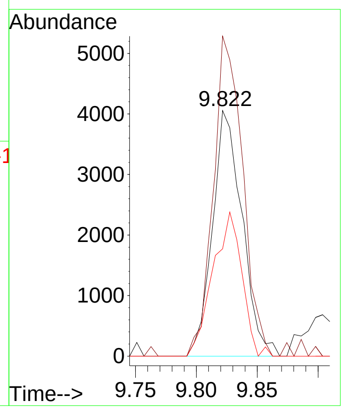


#27
2,4-Dimethylphenol
Concen: 4.466 ng
RT: 9.822 min Scan# 1:
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:122 Resp: 688

Ion	Ratio	Lower	Upper
122	100		
107	130.3	95.4	143.0
121	43.7	44.9	67.3#



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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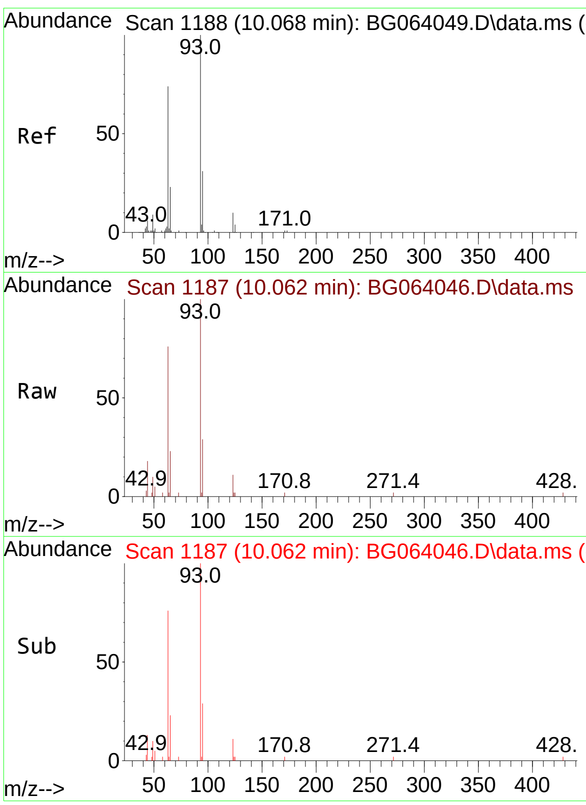
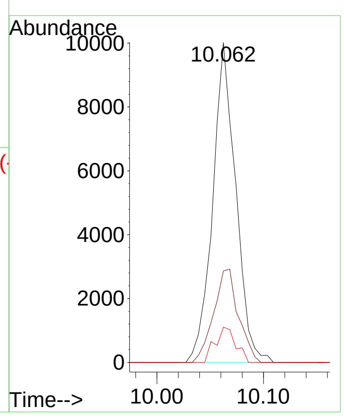
Supervised By :mohammad ahmed 03/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 4.832 ng
RT: 10.062 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion: 93 Resp: 15067

Ion	Ratio	Lower	Upper
93	100		
95	28.6	25.0	37.4
123	11.1	7.6	11.4



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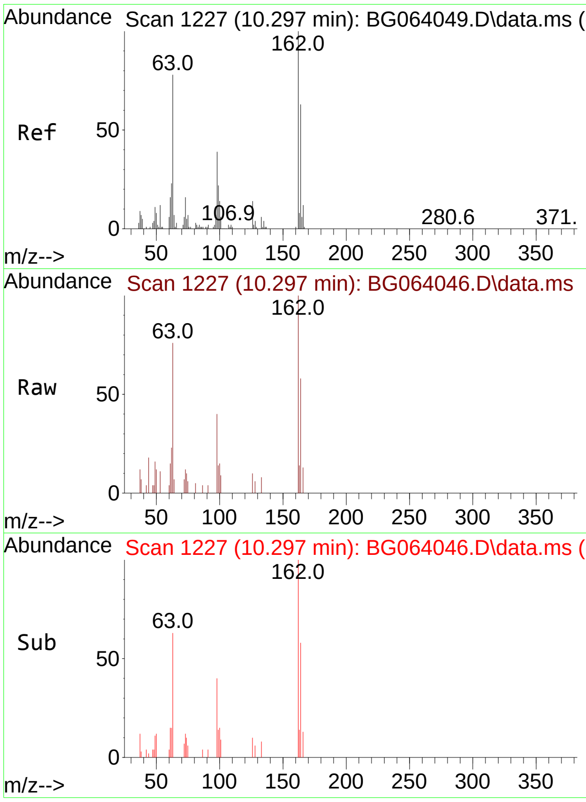

#29
2,4-Dichlorophenol
Concen: 4.056 ng
RT: 10.297 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 789

Ion	Ratio	Lower	Upper
162	100		
164	58.2	42.8	82.8
98	40.0	19.1	59.1

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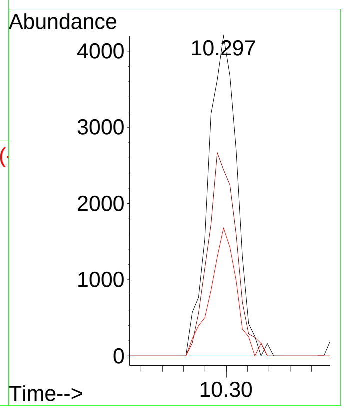
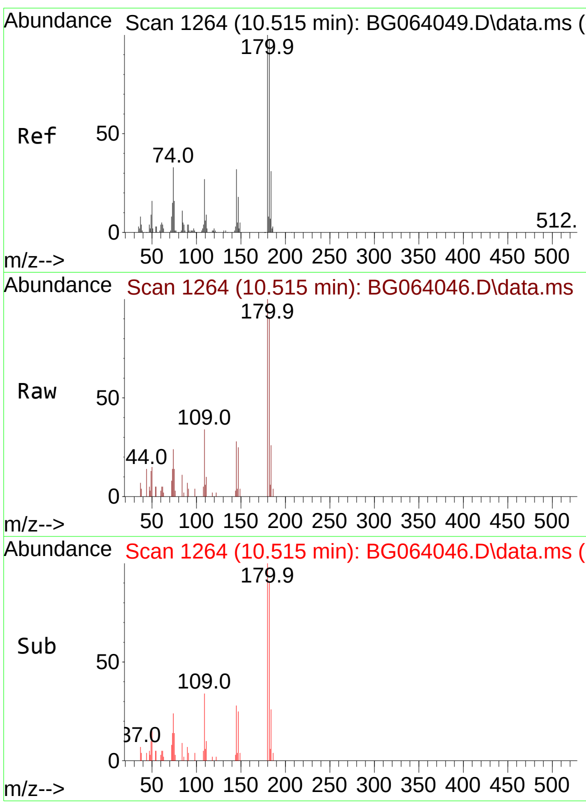
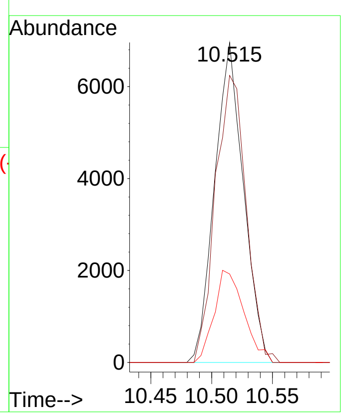




#30
1,2,4-Trichlorobenzene
Concen: 4.884 ng
RT: 10.515 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:180 Resp: 11480

Ion	Ratio	Lower	Upper
180	100		
182	89.7	77.3	115.9
145	27.7	25.2	37.8



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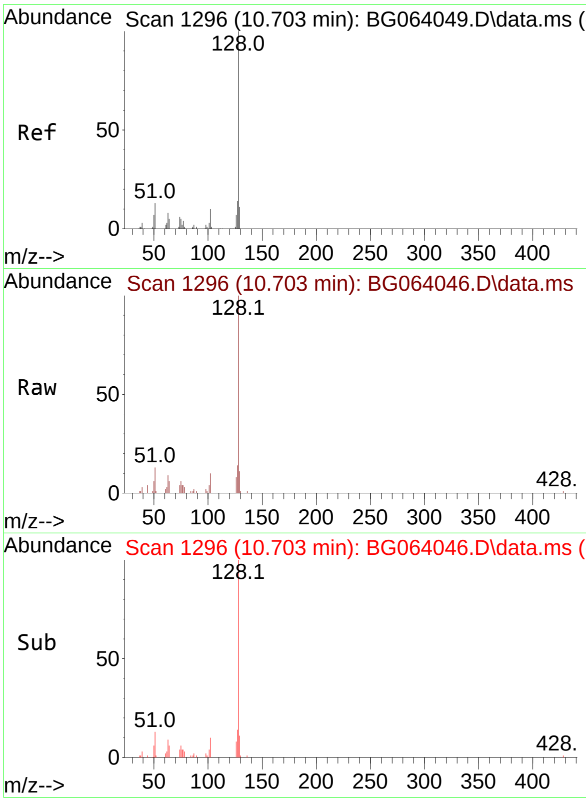

#31
Naphthalene
Concen: 4.999 ng
RT: 10.703 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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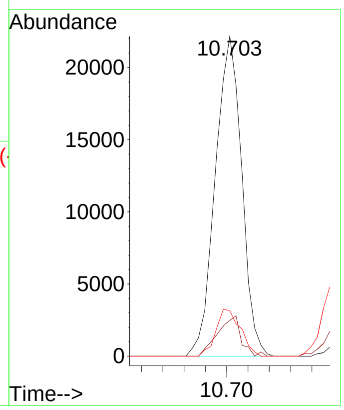
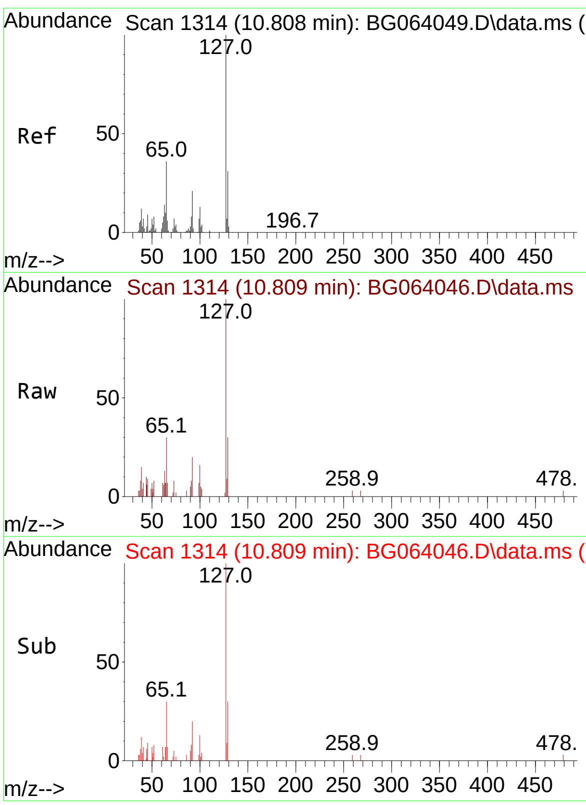
Tgt Ion:128 Resp: 3828

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.4	12.6
127	14.3	11.1	16.7

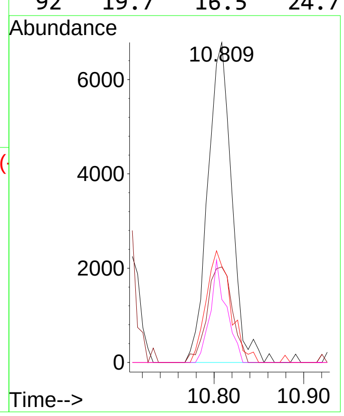


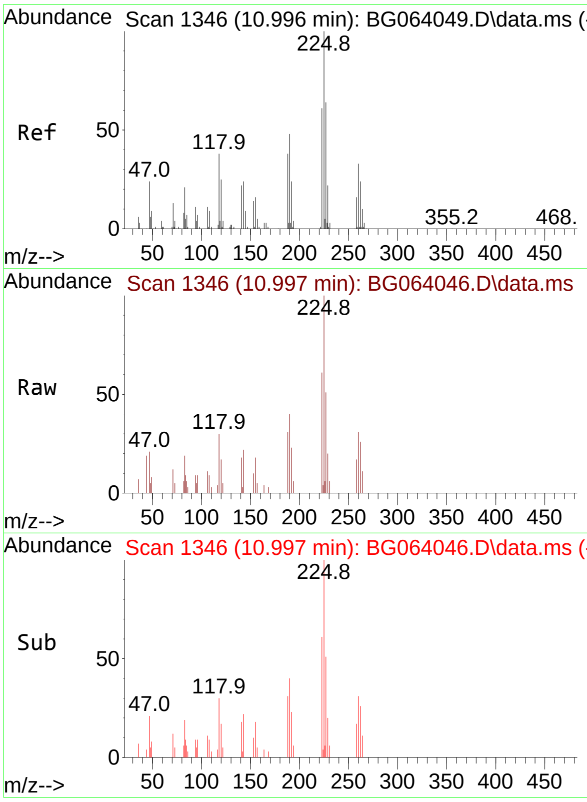


#33
4-Chloroaniline
Concen: 4.499 ng
RT: 10.809 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:127 Resp: 12591

Ion	Ratio	Lower	Upper
127	100		
129	29.8	25.0	37.4
65	30.1	28.5	42.7
92	19.7	16.5	24.7





#34
Hexachlorobutadiene
Concen: 4.786 ng
RT: 10.997 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:225 Resp: 737

Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.5	72.7
227	50.8	51.0	76.6#

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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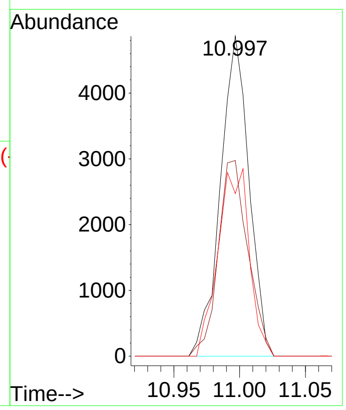
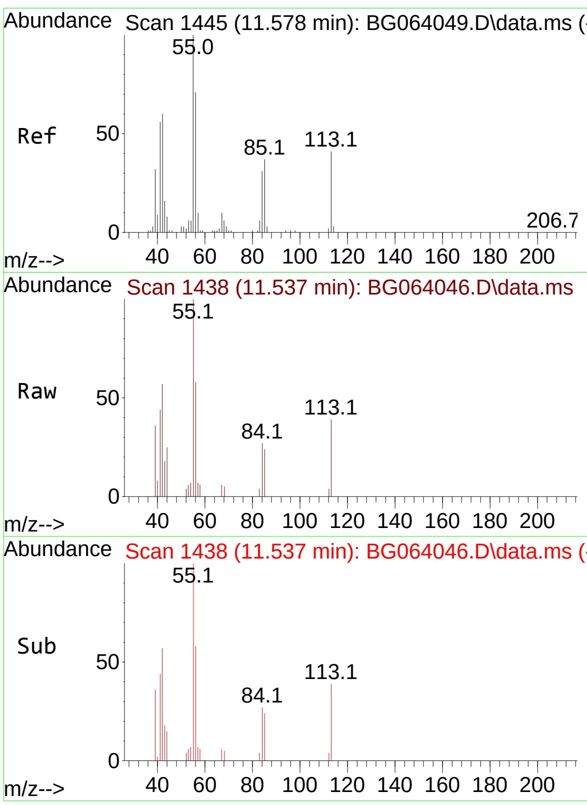
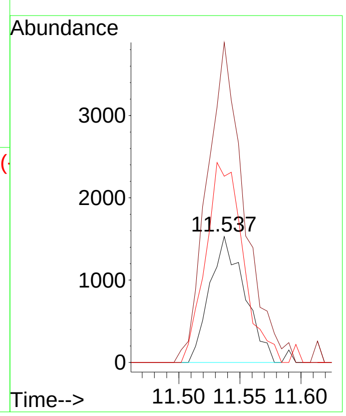


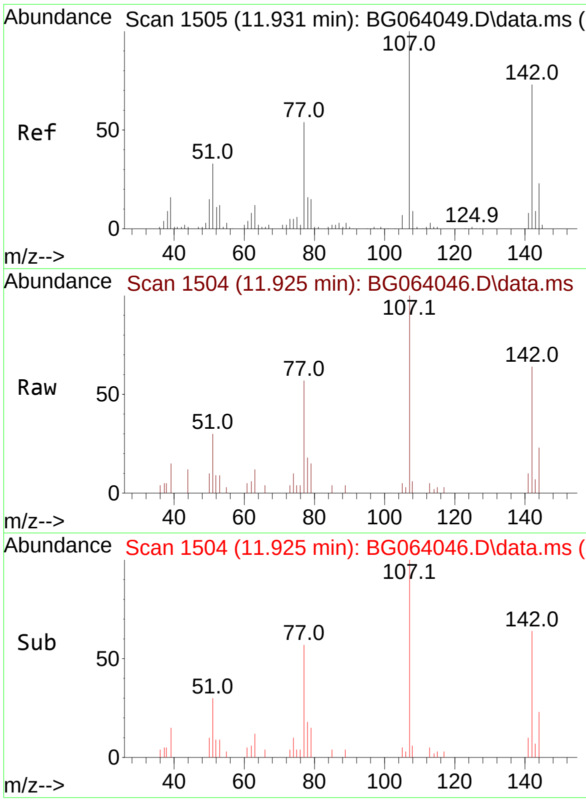


#35
Caprolactam
Concen: 4.090 ng
RT: 11.537 min Scan# 1438
Delta R.T. -0.041 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:113 Resp: 3052

Ion	Ratio	Lower	Upper
113	100		
55	254.1	225.2	265.2
56	147.8	153.4	193.4#

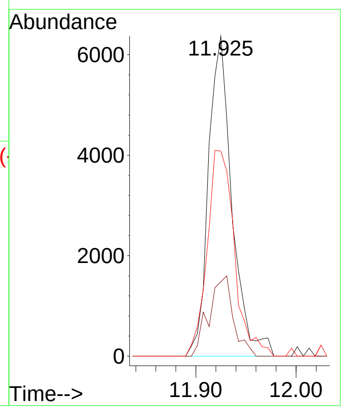




#36
4-Chloro-3-methylphenol
Concen: 4.078 ng
RT: 11.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025   9:42

Tgt Ion:107 Resp: 1040

Ion	Ratio	Lower	Upper
107	100		
144	23.2	18.6	28.0
142	64.1	58.0	87.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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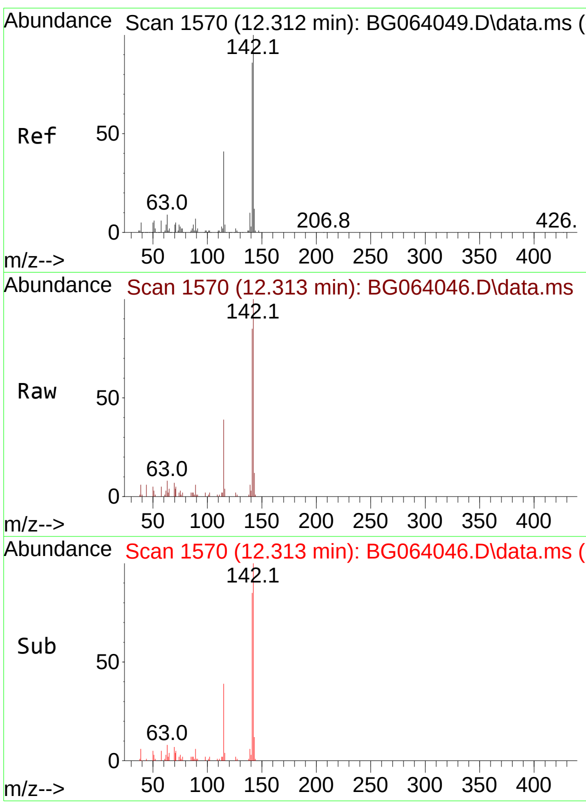
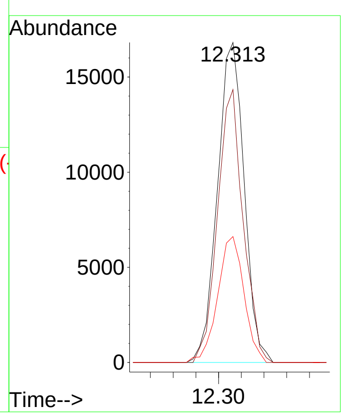


#37
2-Methylnaphthalene
Concen: 5.093 ng
RT: 12.313 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025   9:42

Tgt Ion:142 Resp: 27533

Ion	Ratio	Lower	Upper
142	100		
141	85.3	68.6	103.0
115	39.4	32.8	49.2



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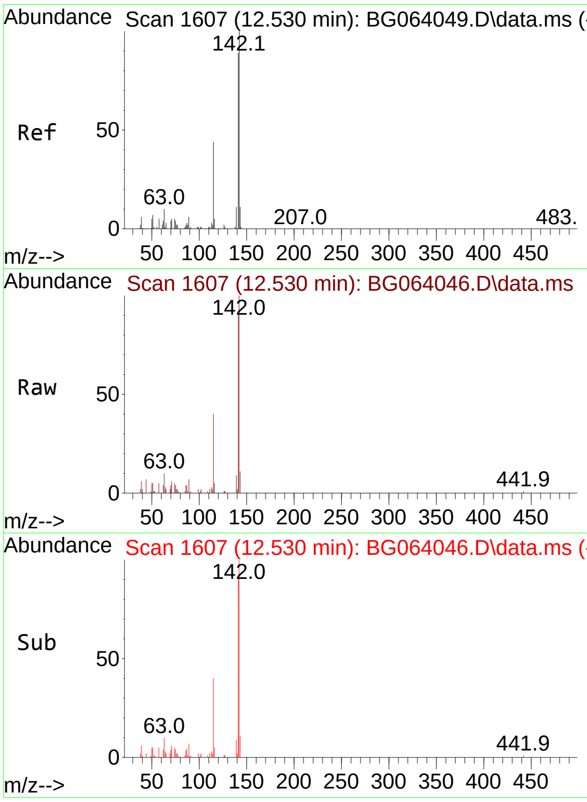

#38
1-Methylnaphthalene
Concen: 4.995 ng
RT: 12.530 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:142 Resp: 2645

Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.2	106.8
116	5.0	3.6	5.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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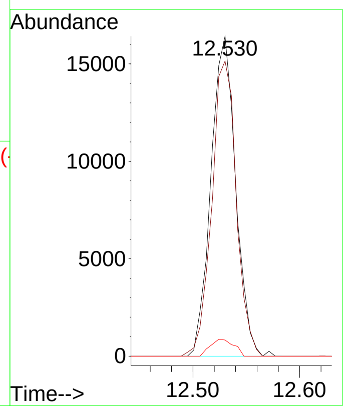
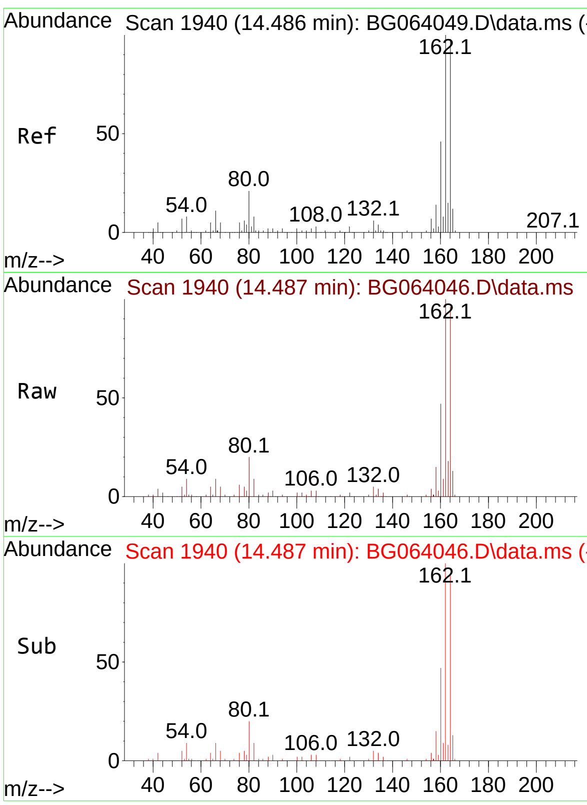
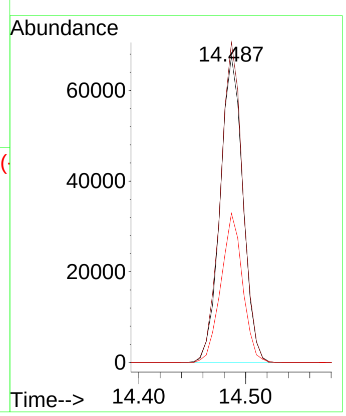


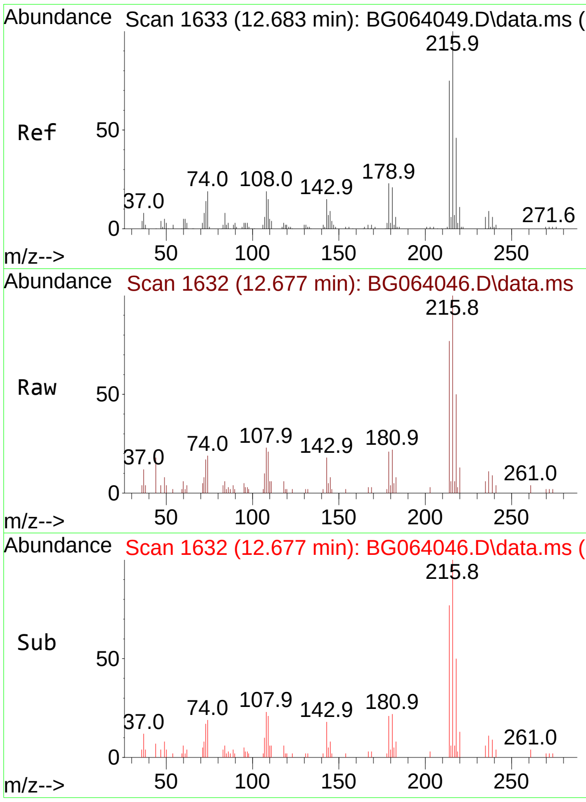


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1940
Delta R.T. 0.001 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:164 Resp: 99722

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.4	122.0
160	48.7	37.0	55.6





#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.789 ng
RT: 12.677 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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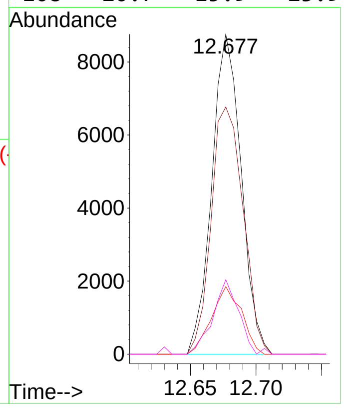
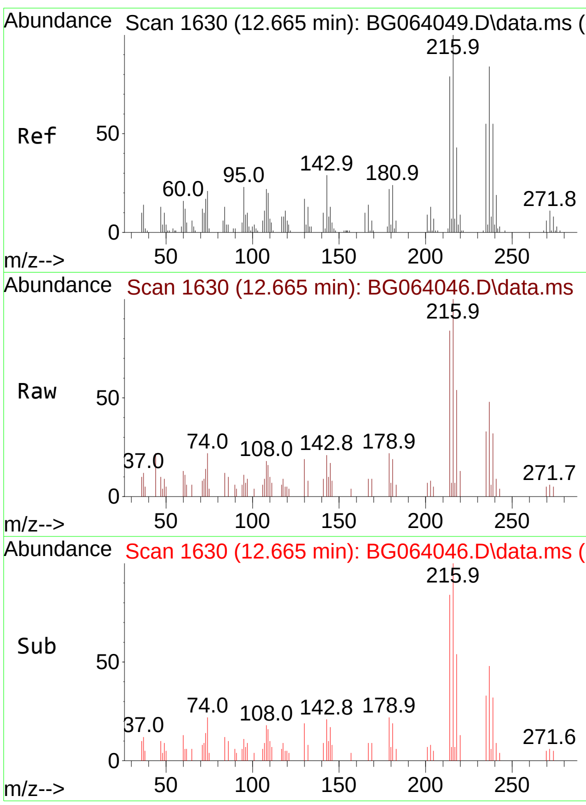
Tgt Ion:216 Resp: 1363

Ion	Ratio	Lower	Upper
216	100		
214	84.2	61.7	92.5
179	21.6	17.9	26.9
108	20.7	15.9	23.9

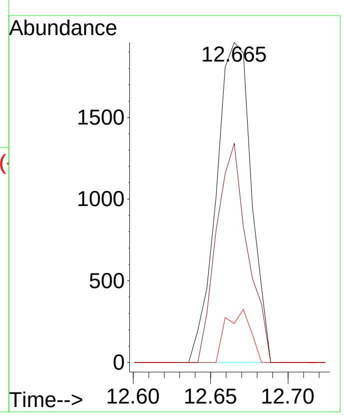




#41
Hexachlorocyclopentadiene
Concen: 3.841 ng
RT: 12.665 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:237 Resp: 3078

Ion	Ratio	Lower	Upper
237	100		
235	68.4	46.0	86.0
272	12.2	0.0	32.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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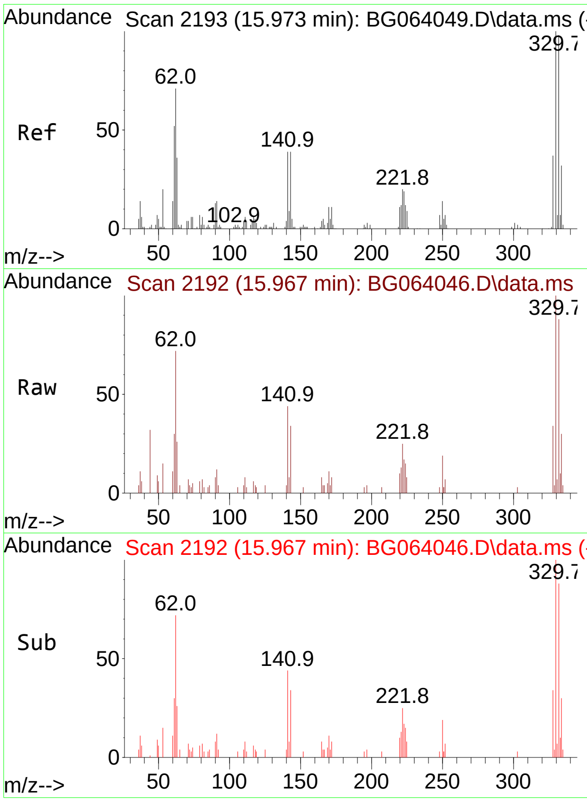
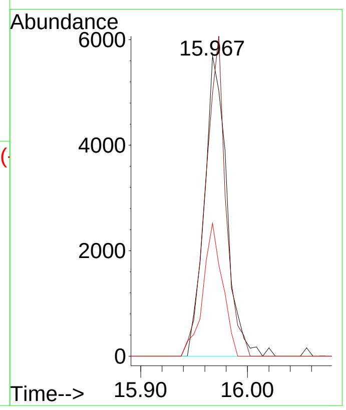
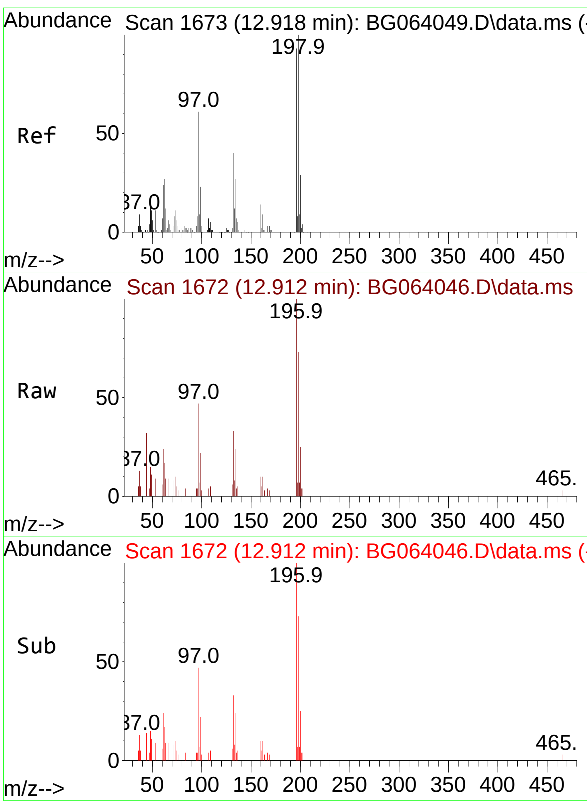


#42
2,4,6-Tribromophenol
Concen: 7.487 ng
RT: 15.967 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:330 Resp: 829

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	38.7	29.7	44.5

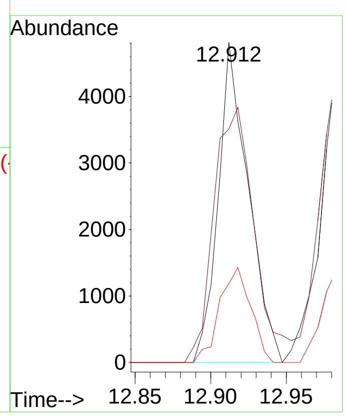




#43
2,4,6-Trichlorophenol
Concen: 3.983 ng m
RT: 12.912 min Scan# 1672
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:196 Resp: 6684

Ion	Ratio	Lower	Upper
196	100		
198	73.0	85.6	128.4#
200	24.6	24.6	37.0



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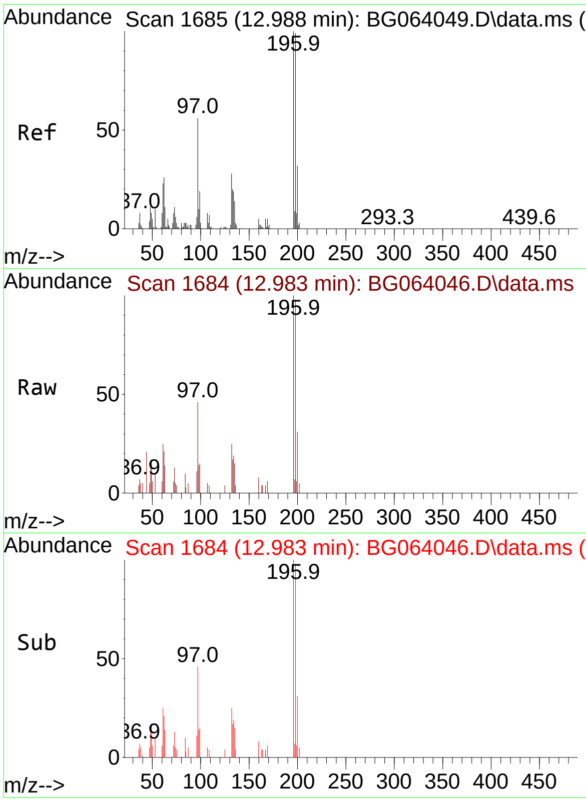
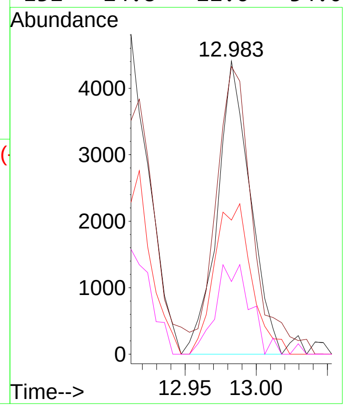


#44
2,4,5-Trichlorophenol
Concen: 3.804 ng
RT: 12.983 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:196 Resp: 709

Ion	Ratio	Lower	Upper
196	100		
198	98.2	79.5	119.3
97	45.7	45.2	67.8
132	24.8	22.6	34.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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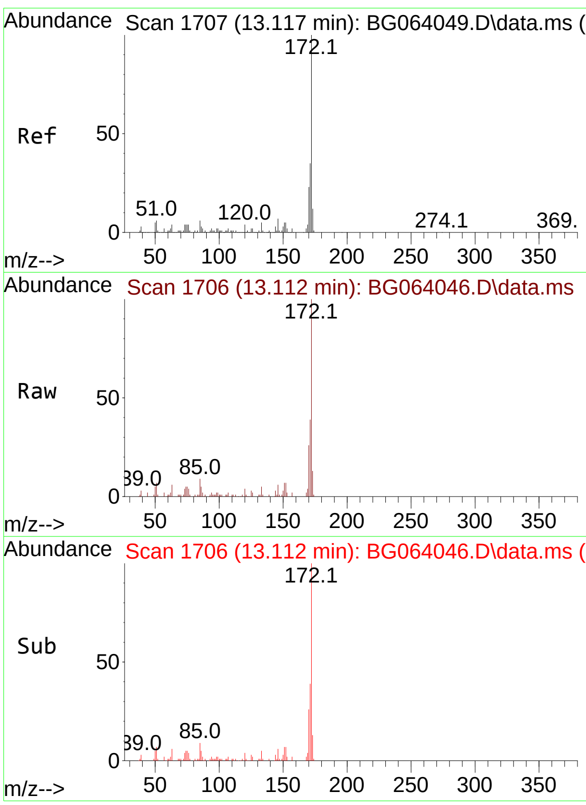
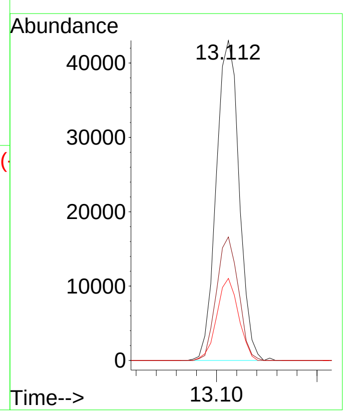


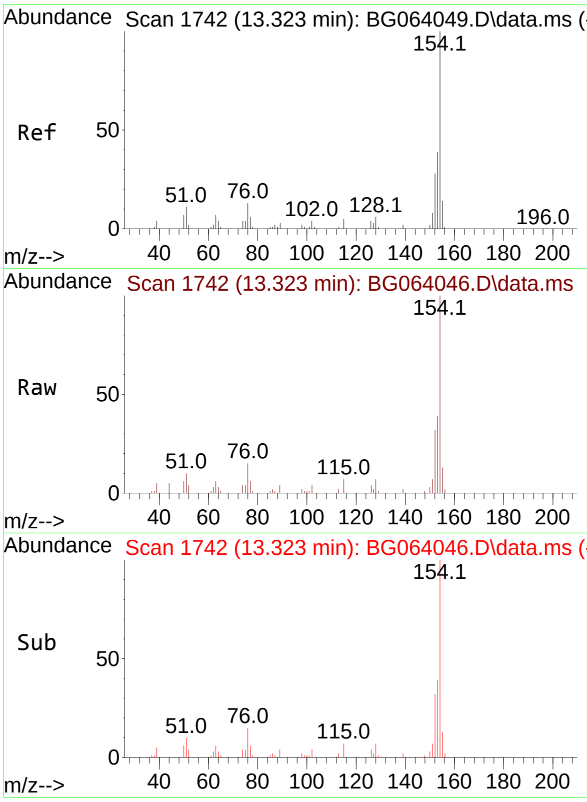
#45
2-Fluorobiphenyl
Concen: 10.386 ng
RT: 13.112 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:172 Resp: 68235

Ion	Ratio	Lower	Upper
172	100		
171	38.6	28.0	42.0
170	25.7	18.7	28.1



ICAL Form



#46
1,1'-Biphenyl
Concen: 4.984 ng
RT: 13.323 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:154 Resp: 3755

Ion	Ratio	Lower	Upper
154	100		
153	38.5	19.5	59.5
76	14.8	0.0	33.5

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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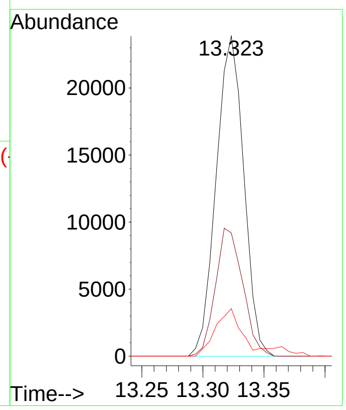
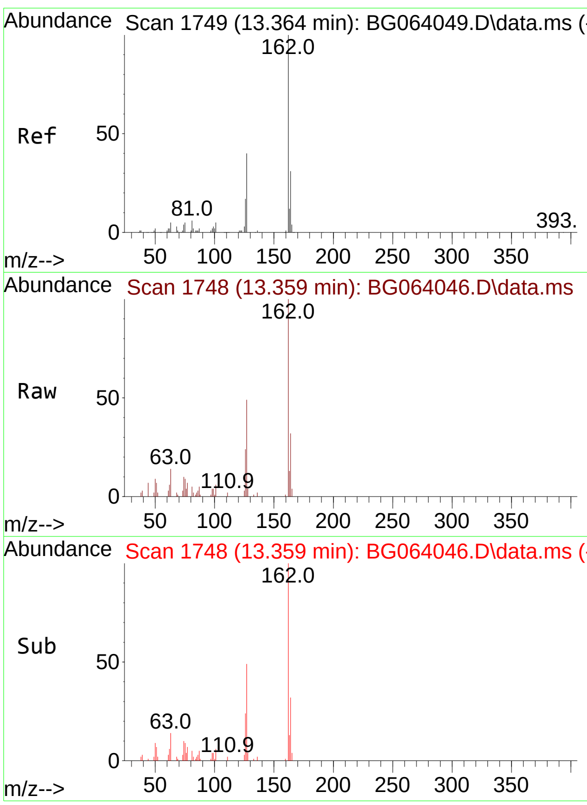
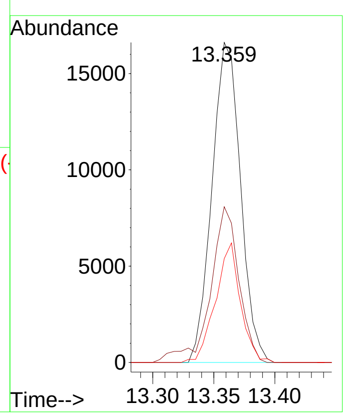




#47
2-Chloronaphthalene
Concen: 4.928 ng
RT: 13.359 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:162 Resp: 27076

Ion	Ratio	Lower	Upper
162	100		
127	48.7	35.0	52.4
164	32.4	25.0	37.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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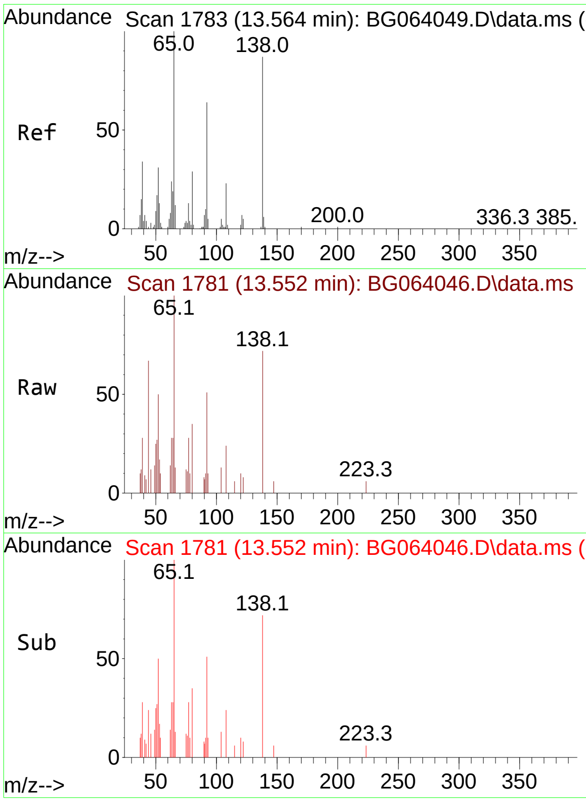
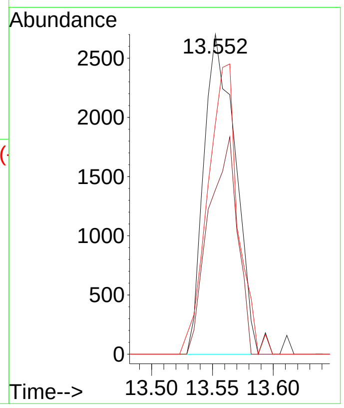
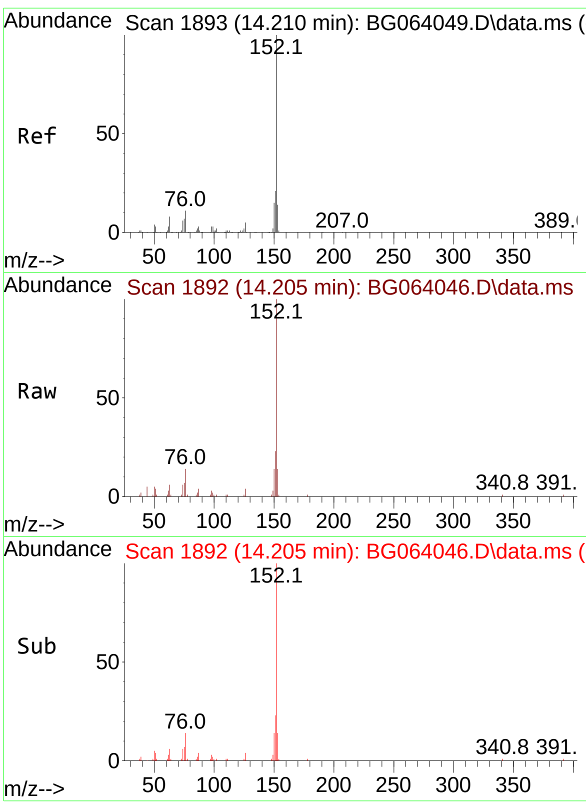
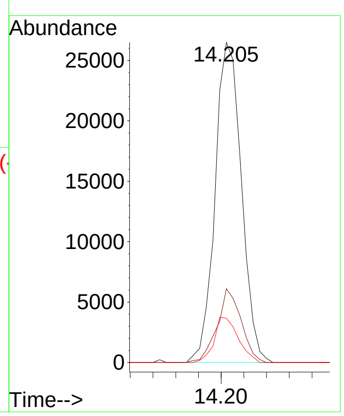



```
#48
2-Nitroaniline
Concen:    6.075 ng
RT:  13.552 min  Scan# 1
Delta R.T.   -0.012 min
Lab File:    BG064046.D
Acq:  5 Mar 2025   9:42

Tgt Ion: 65 Resp:    490
Ion  Ratio  Lower  Upper
 65  100
 92   51.4   51.2   76.8
138   72.2   69.4  104.2
```






```
#49
Acenaphthylene
Concen:    4.917 ng
RT:  14.205 min  Scan# 1892
Delta R.T.   -0.006 min
Lab File:    BG064046.D
Acq:  5 Mar 2025   9:42

Tgt Ion:152 Resp:    42736
Ion  Ratio  Lower  Upper
152  100
151   23.1   16.4   24.6
153   13.8   10.9   16.3
```



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Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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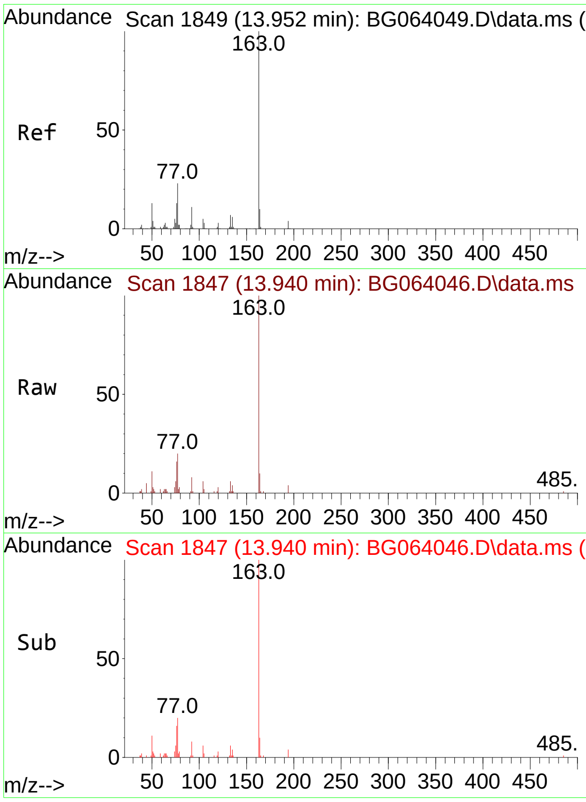
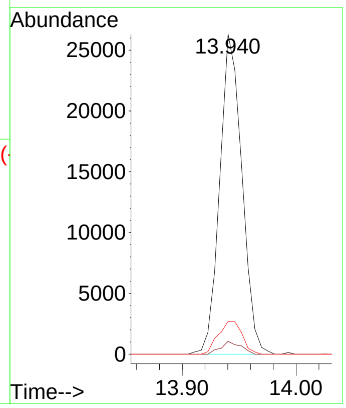
Supervised By :mohammad ahmed 03/07/2025

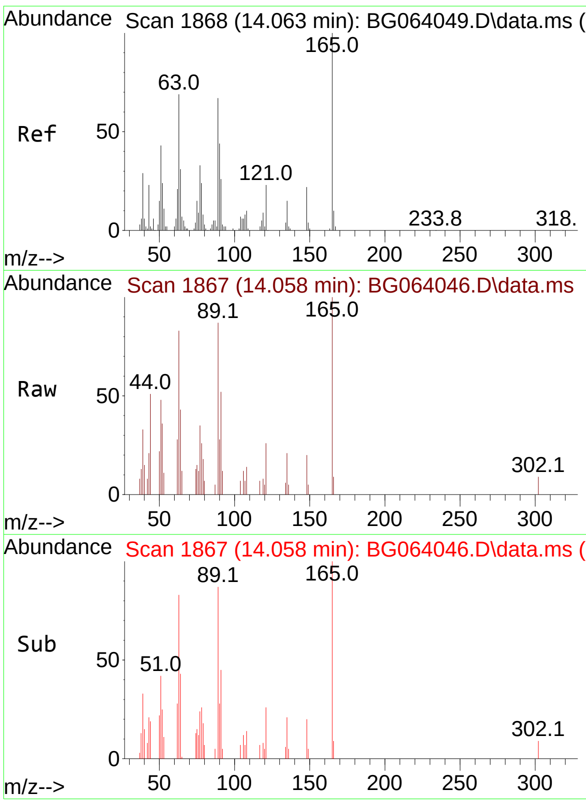


#50
Dimethylphthalate
Concen: 4.849 ng
RT: 13.940 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:163 Resp: 3569

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	10.2	8.2	12.2

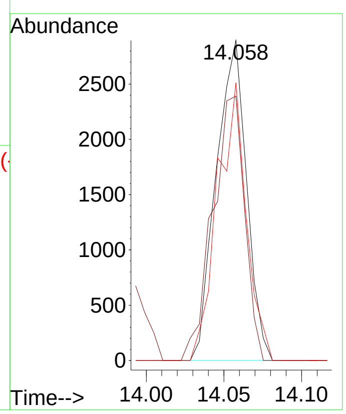


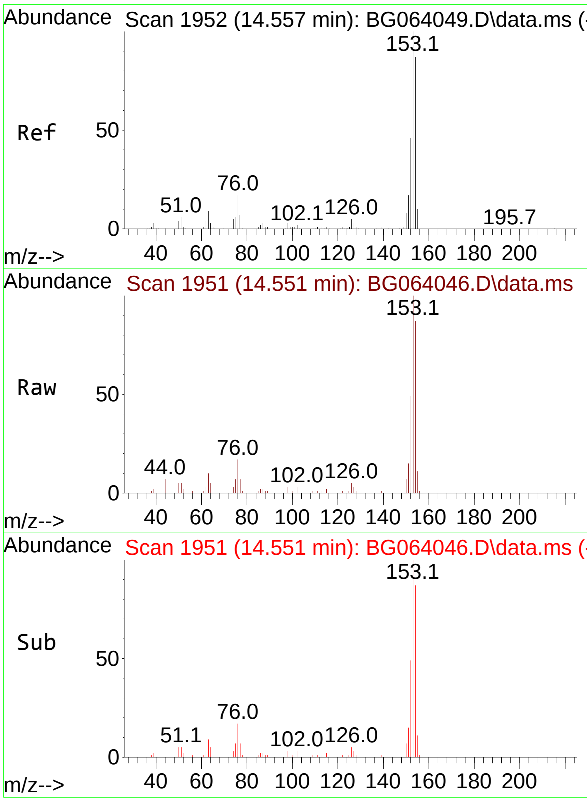


#51
2,6-Dinitrotoluene
Concen: 5.812 ng
RT: 14.058 min Scan# 1867
Delta R.T. -0.005 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:165 Resp: 3942

Ion	Ratio	Lower	Upper
165	100		
63	82.6	56.7	85.1
89	86.8	53.7	80.5#





#52
Acenaphthene
Concen: 4.969 ng m
RT: 14.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025   9:42

Tgt Ion:154 Resp: 2904

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.6	137.4
152	55.7	42.5	63.7

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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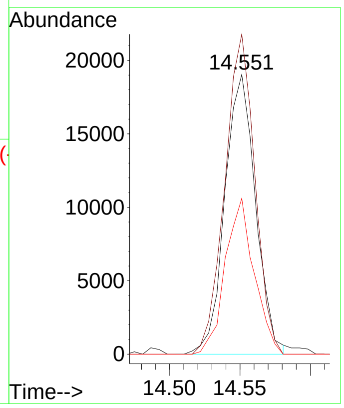
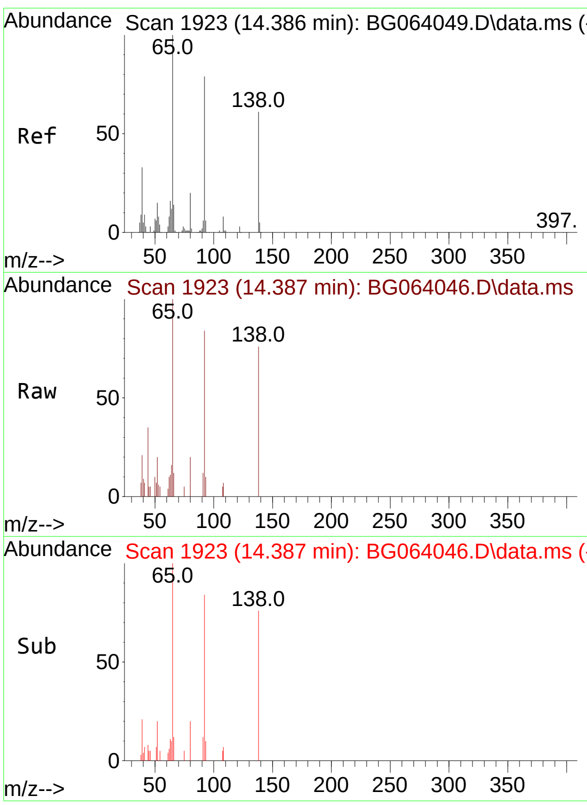
Reviewed By :Jagrut Upadhyay   03/06/2025
Supervised By :mohammad ahmed   03/07/2025

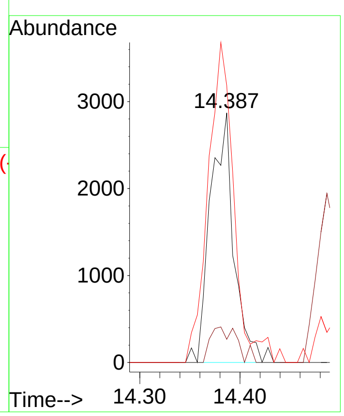




#53
3-Nitroaniline
Concen: 3.329 ng
RT: 14.387 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025   9:42

Tgt Ion:138 Resp: 4736

Ion	Ratio	Lower	Upper
138	100		
108	9.3	10.1	15.1#
92	110.9	104.1	156.1



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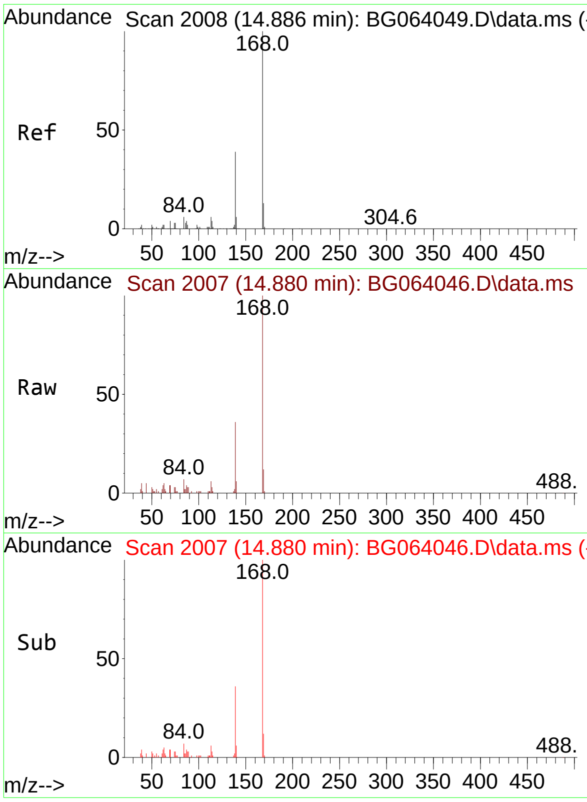

#55
Dibenzofuran
Concen: 5.080 ng
RT: 14.880 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 4800

Ion	Ratio	Lower	Upper
168	100		
139	35.8	31.1	46.7
169	12.2	10.5	15.7

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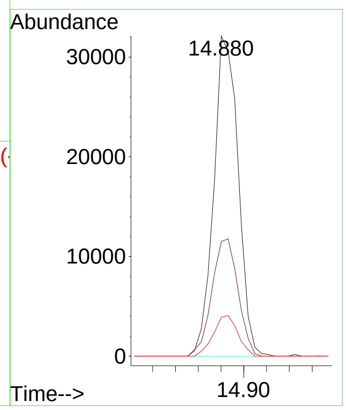
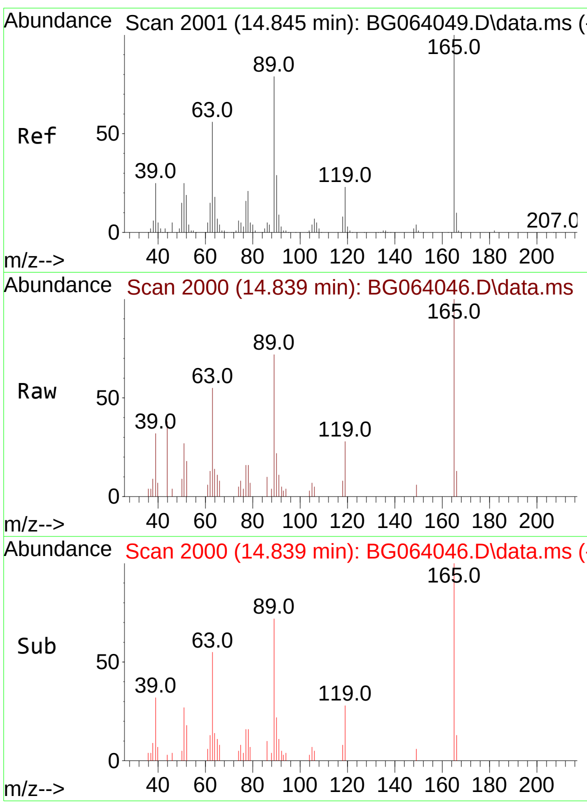
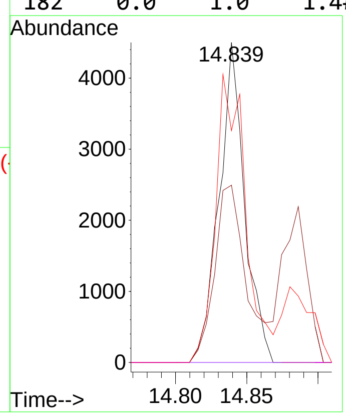




#57
2,4-Dinitrotoluene
Concen: 6.165 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:165 Resp: 5618

Ion	Ratio	Lower	Upper
165	100		
63	55.4	45.0	67.6
89	72.5	63.1	94.7
182	0.0	1.0	1.4#



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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Reviewed By :Jagrut Upadhyay 03/06/2025
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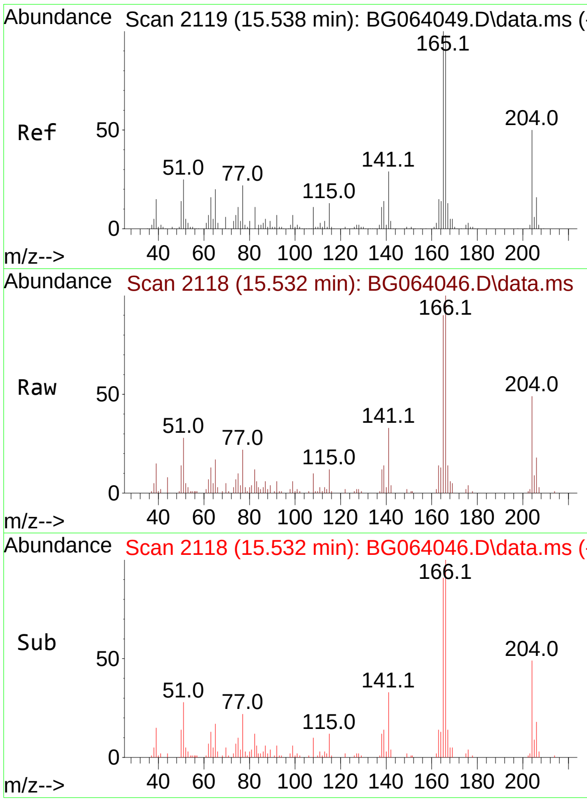
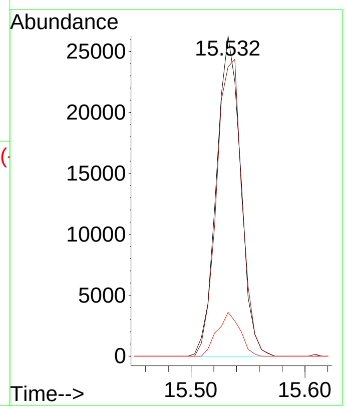
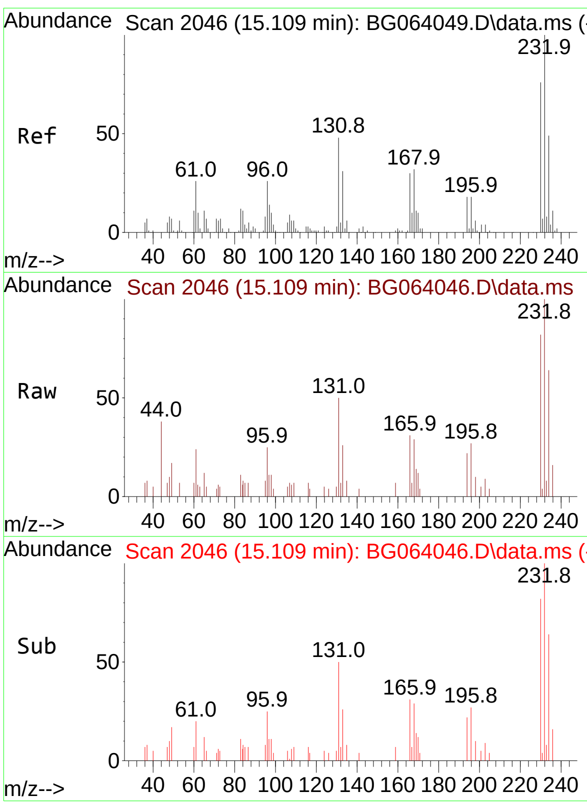


#58
Fluorene
Concen: 5.269 ng
RT: 15.532 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:166 Resp: 3877

Ion	Ratio	Lower	Upper
166	100		
165	90.4	81.8	122.8
167	13.7	10.8	16.2

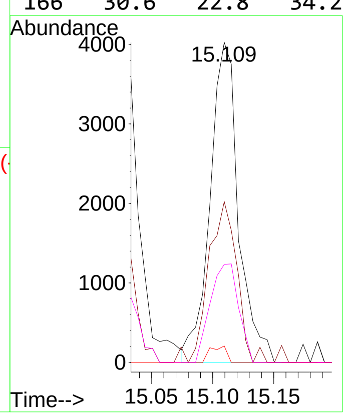


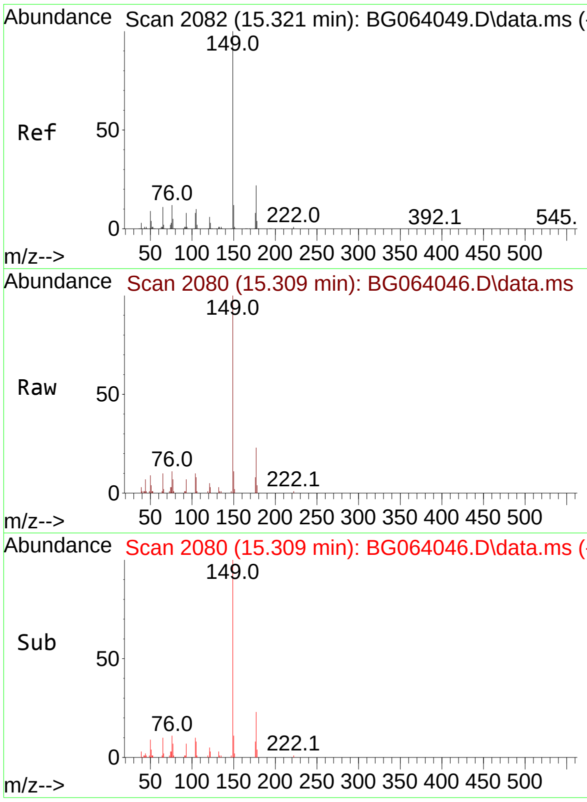


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.597 ng
RT: 15.109 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:232 Resp: 6538

Ion	Ratio	Lower	Upper
232	100		
131	50.2	36.3	54.5
130	3.0	1.9	2.9#
166	30.6	22.8	34.2





#60
Diethylphthalate
Concen: 4.666 ng
RT: 15.309 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 3728

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.4	26.2
150	11.0	9.4	14.2

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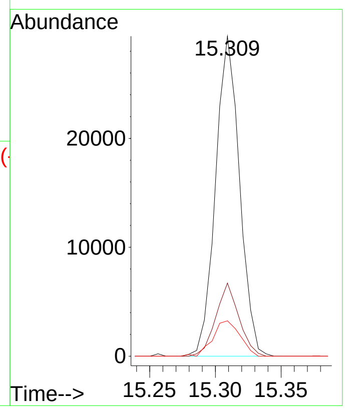
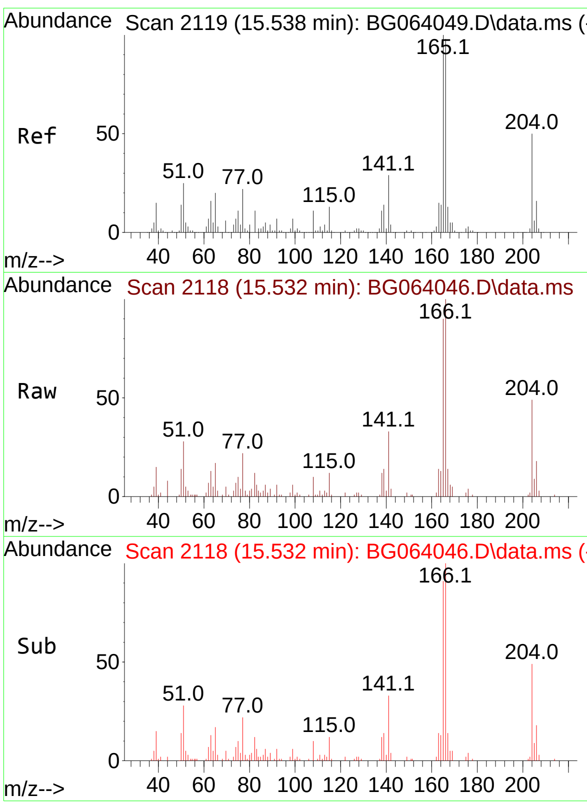
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

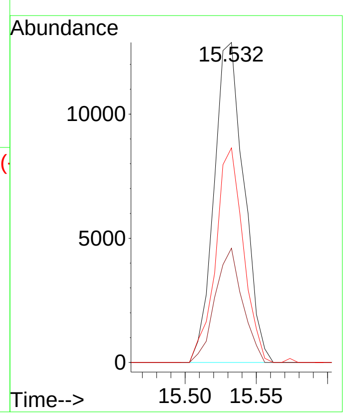




#61
4-Chlorophenyl-phenylether
Concen: 5.142 ng
RT: 15.532 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:204 Resp: 18807

Ion	Ratio	Lower	Upper
204	100		
206	35.7	25.5	38.3
141	67.1	45.4	68.0



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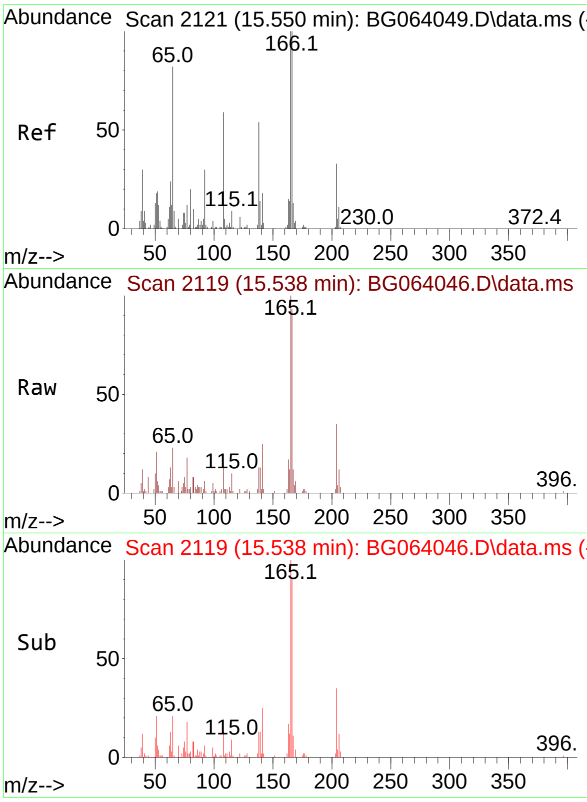
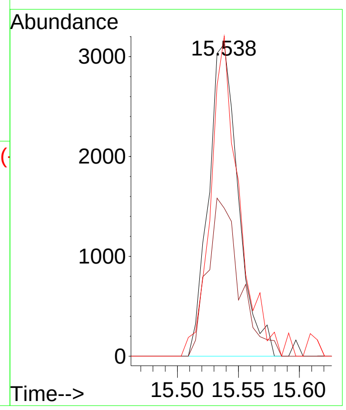


#62
4-Nitroaniline
Concen: 3.460 ng
RT: 15.538 min Scan# 2

Delta R.T. -0.011 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:138 Resp: 531

Ion	Ratio	Lower	Upper
138	100		
92	47.4	36.1	76.1
108	102.5	87.9	127.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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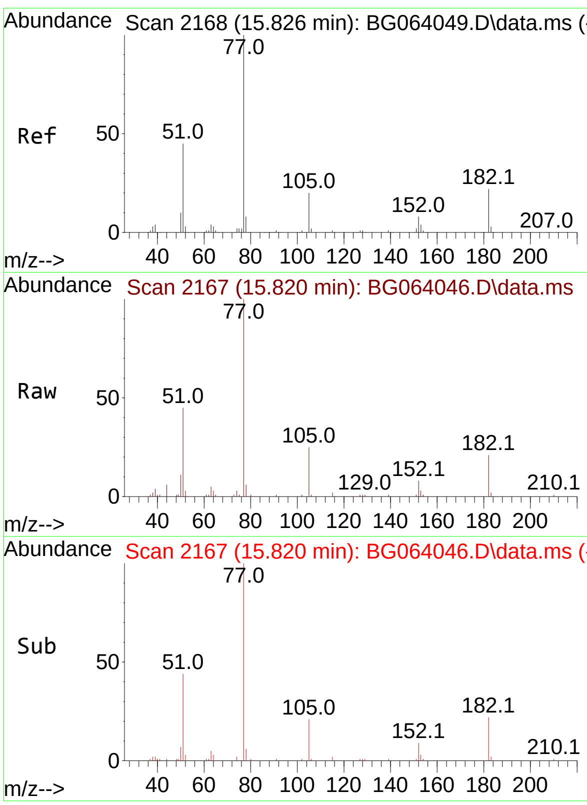
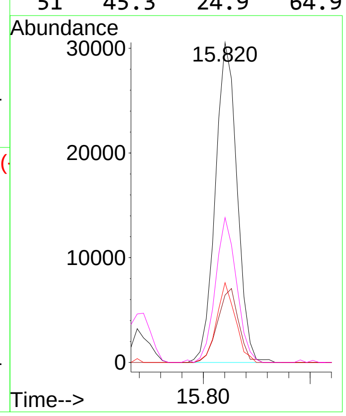
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

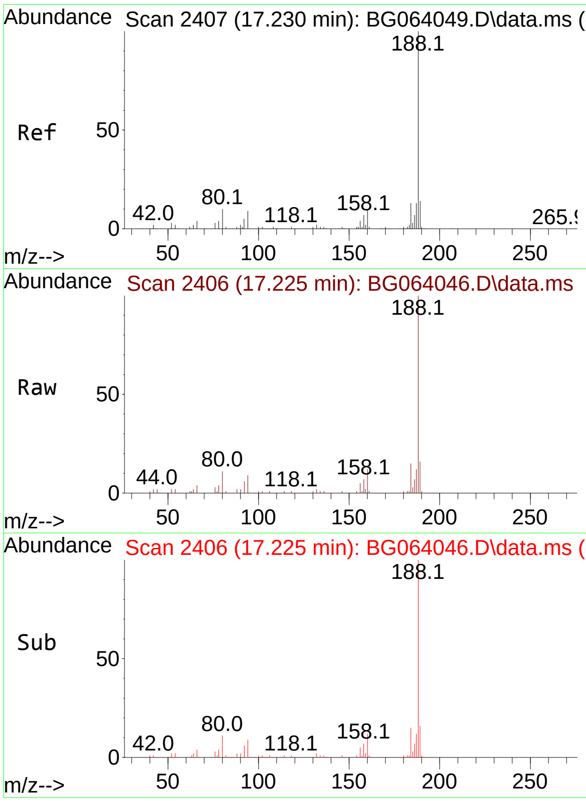


#63
Azobenzene
Concen: 5.070 ng
RT: 15.820 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion: 77 Resp: 43236

Ion	Ratio	Lower	Upper
77	100		
182	21.1	2.4	42.4
105	25.0	0.0	40.0
51	45.3	24.9	64.9

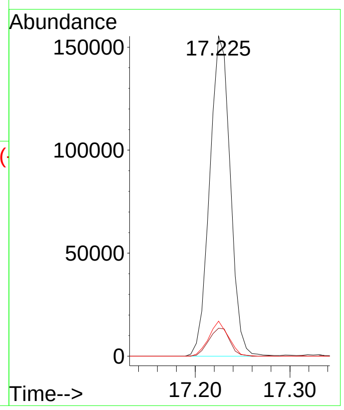




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:188 Resp: 234862

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	10.9	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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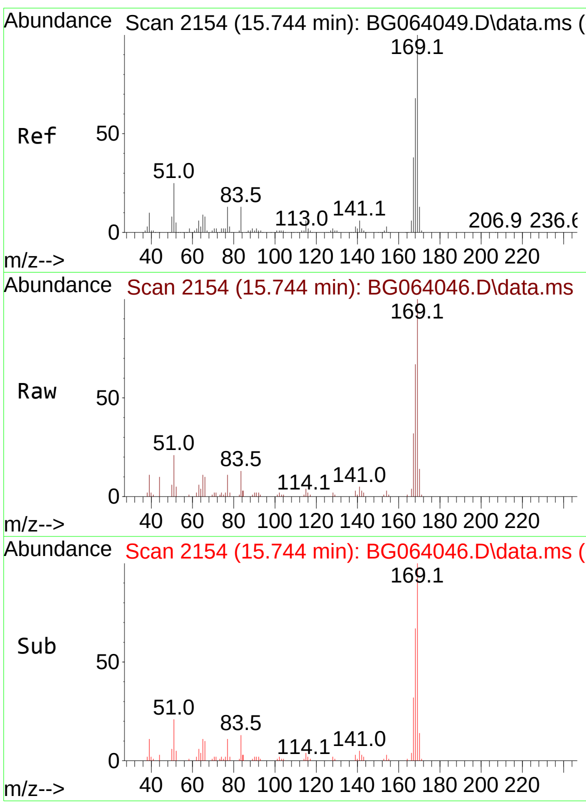
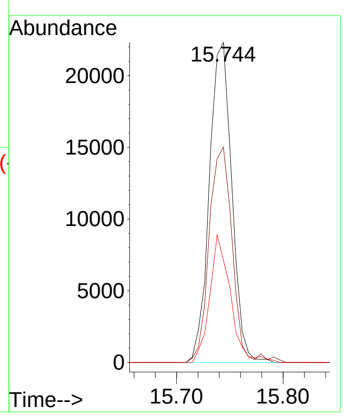


#66
n-Nitrosodiphenylamine
Concen: 4.927 ng
RT: 15.744 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:169 Resp: 32754

Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.1	81.1
167	32.0	30.3	45.5



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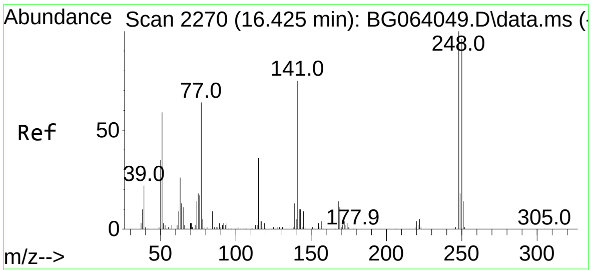

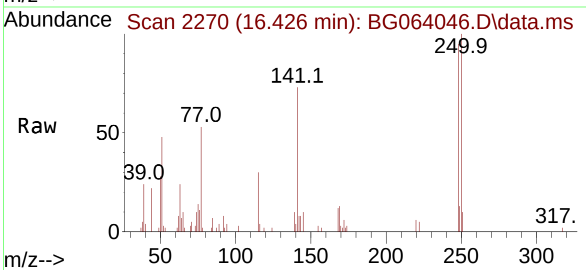

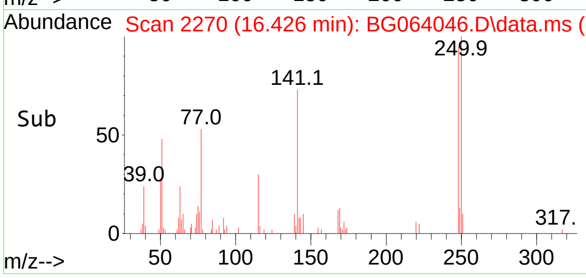

#67
4-Bromophenyl-phenylether
Concen: 4.531 ng
RT: 16.426 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:248 Resp: 1089

Ion	Ratio	Lower	Upper
248	100		
250	105.6	77.1	115.7
141	77.2	59.8	89.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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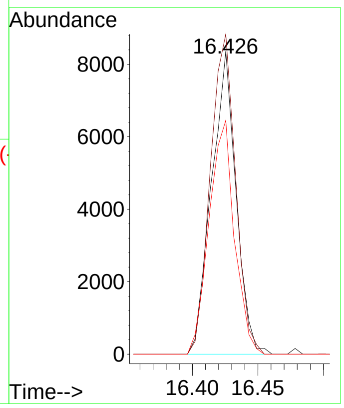
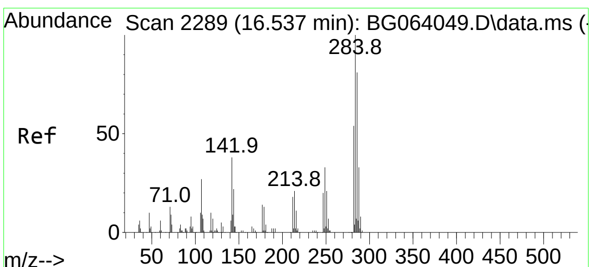
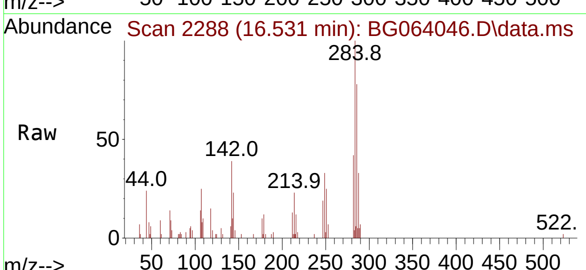
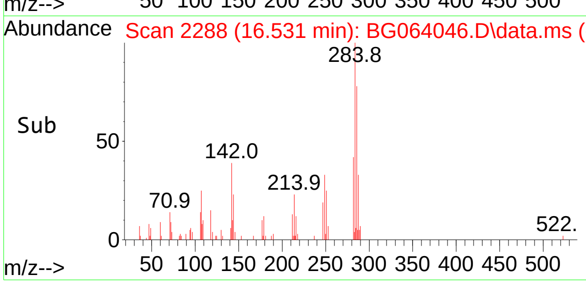
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025





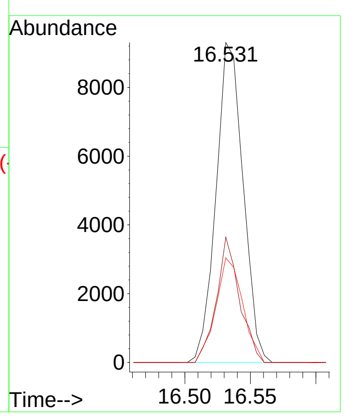




#68
Hexachlorobenzene
Concen: 4.958 ng
RT: 16.531 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:284 Resp: 13351

Ion	Ratio	Lower	Upper
284	100		
142	39.1	30.6	45.8
249	32.7	26.6	39.8



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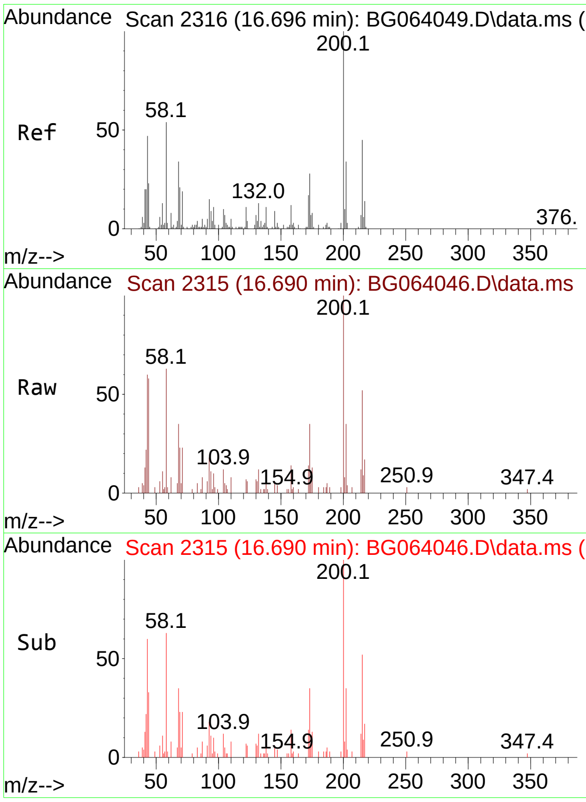


#69
Atrazine
Concen: 5.264 ng
RT: 16.690 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

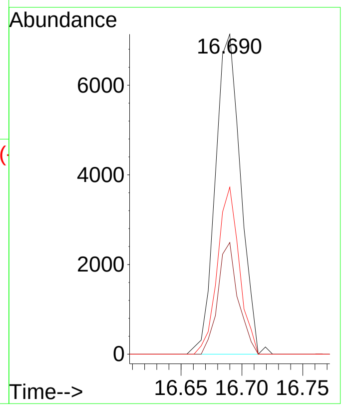
Tgt Ion:200 Resp: 1029

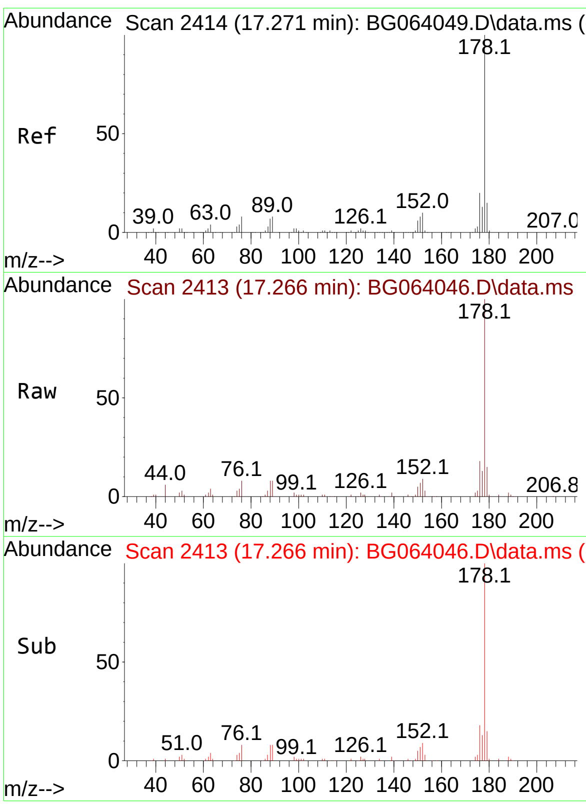
Ion	Ratio	Lower	Upper
200	100		
173	34.9	8.2	48.2
215	52.2	25.5	65.5

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

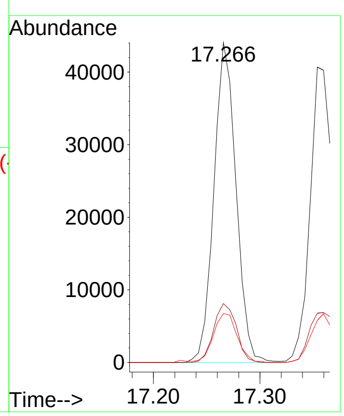




#71
Phenanthrene
Concen: 5.079 ng
RT: 17.266 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:178 Resp: 63629

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	15.3	12.2	18.2



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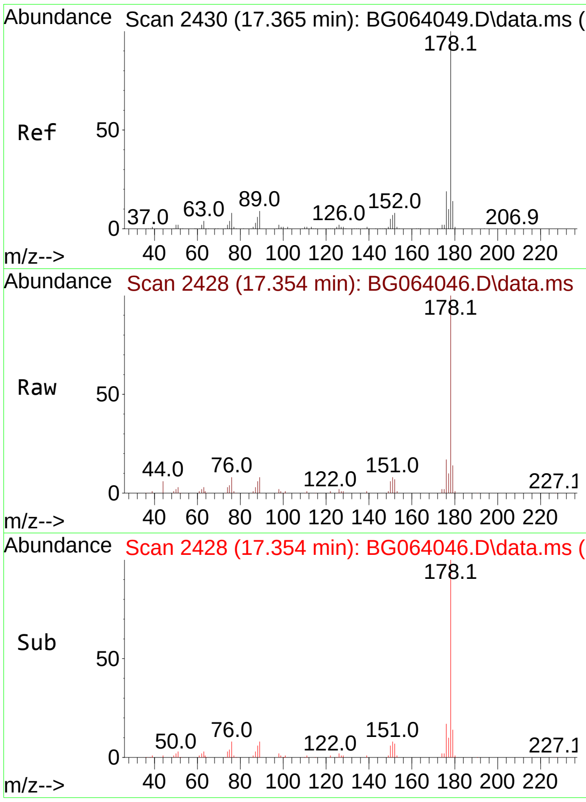
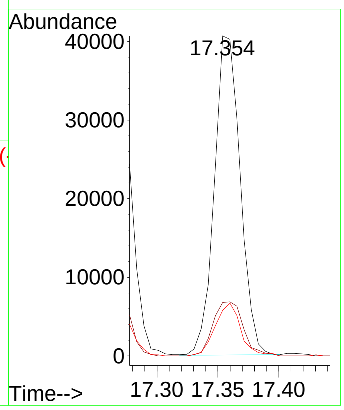


#72
Anthracene
Concen: 4.825 ng
RT: 17.354 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:178 Resp: 60108

Ion	Ratio	Lower	Upper
178	100		
176	16.7	14.8	22.2
179	14.2	11.5	17.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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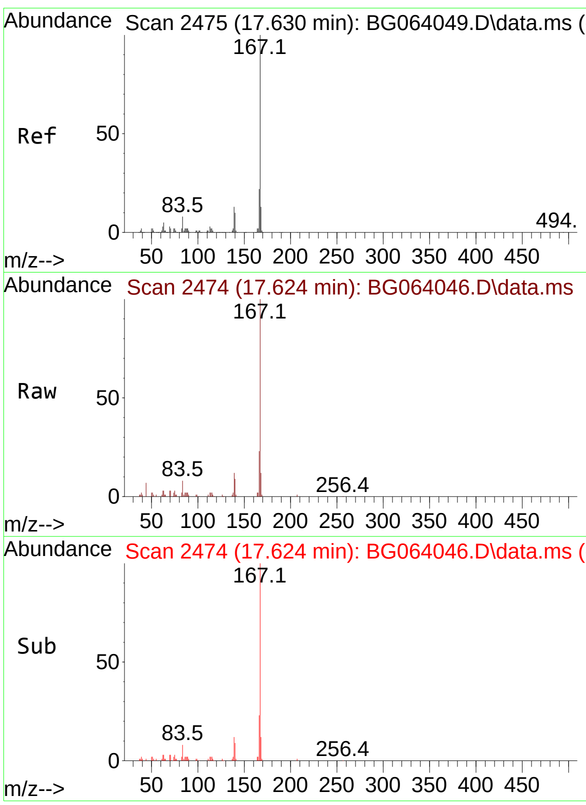
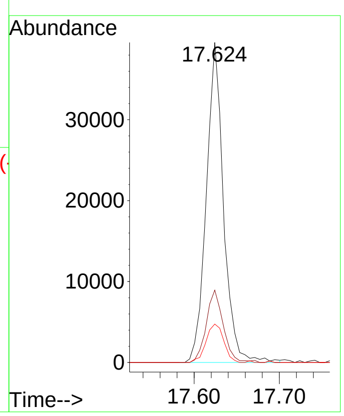
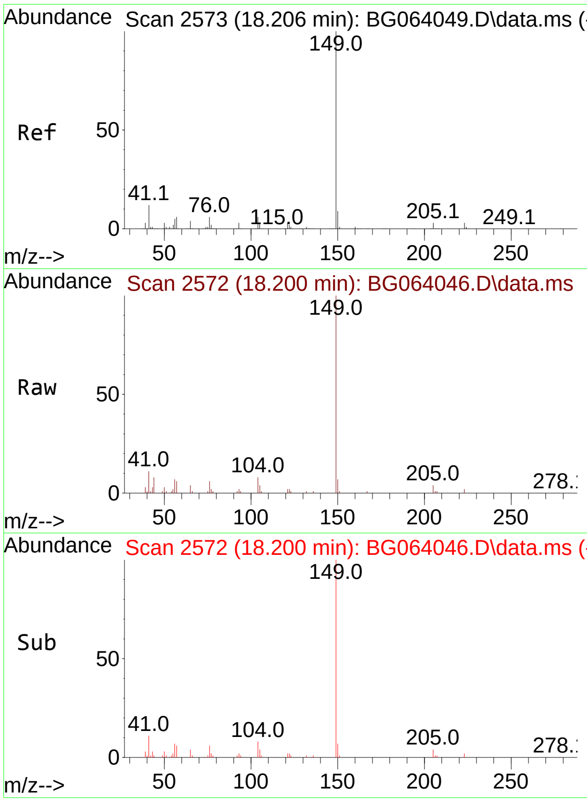


#73
Carbazole
Concen: 4.792 ng
RT: 17.624 min Scan# 2474
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:167 Resp: 55726

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	12.0	10.6	15.8





#74
Di-n-butylphthalate
Concen: 3.996 ng
RT: 18.200 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:149 Resp: 5470

Ion	Ratio	Lower	Upper
149	100		
150	7.2	7.4	11.0#
104	7.7	5.0	7.6#

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
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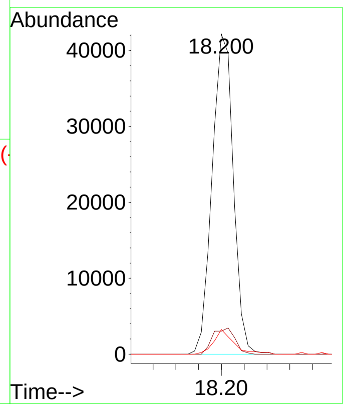
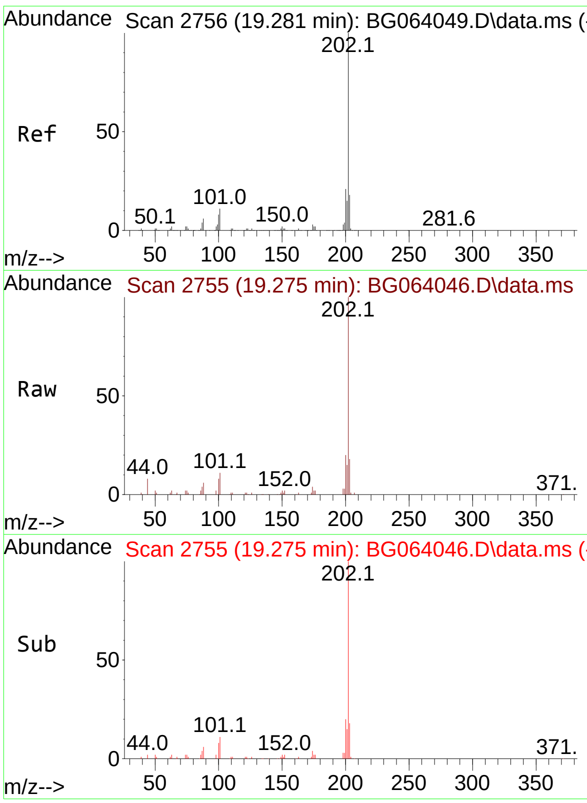
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

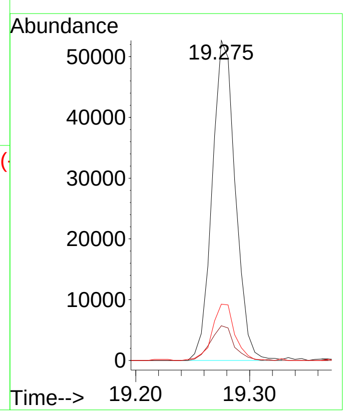




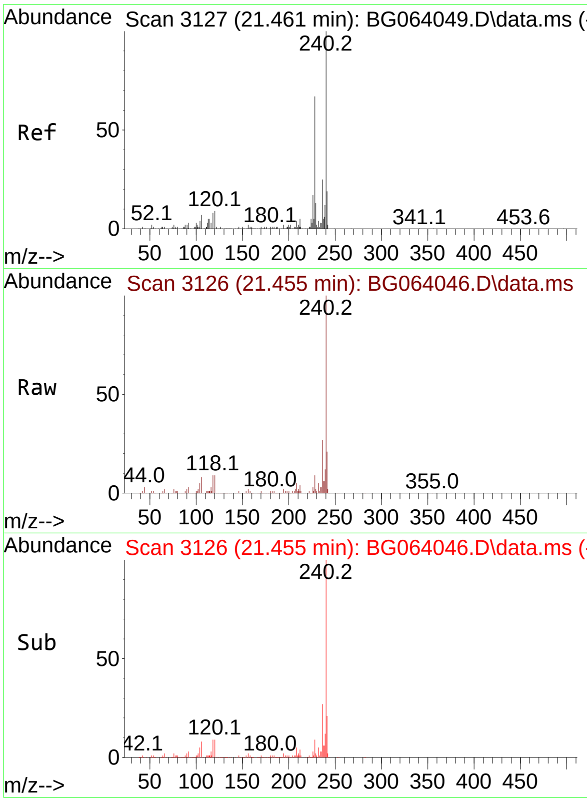
#75
Fluoranthene
Concen: 4.946 ng
RT: 19.275 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:202 Resp: 74694

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.5
203	17.6	0.0	38.3



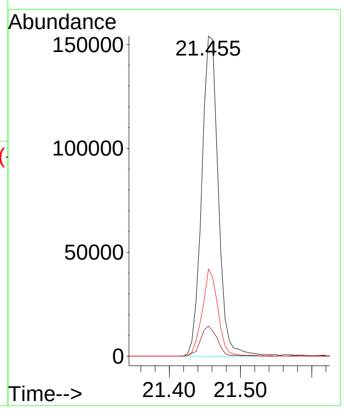
ICAL Form



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

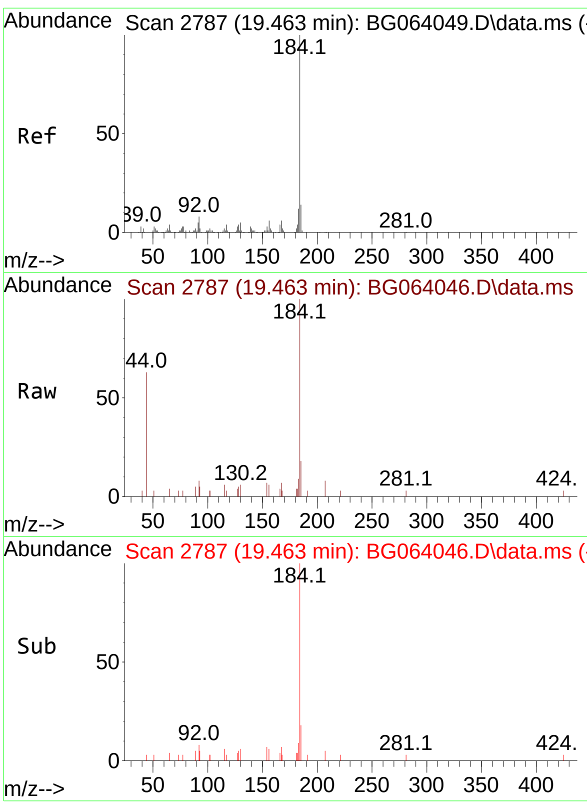
Tgt Ion:240 Resp: 251570

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.2	10.8
236	27.2	20.2	30.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

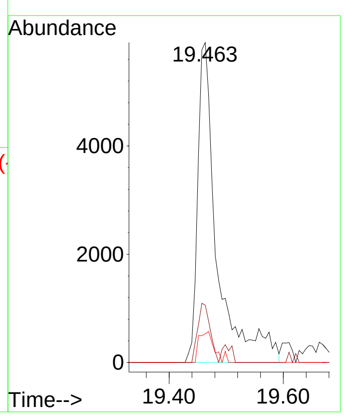
Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



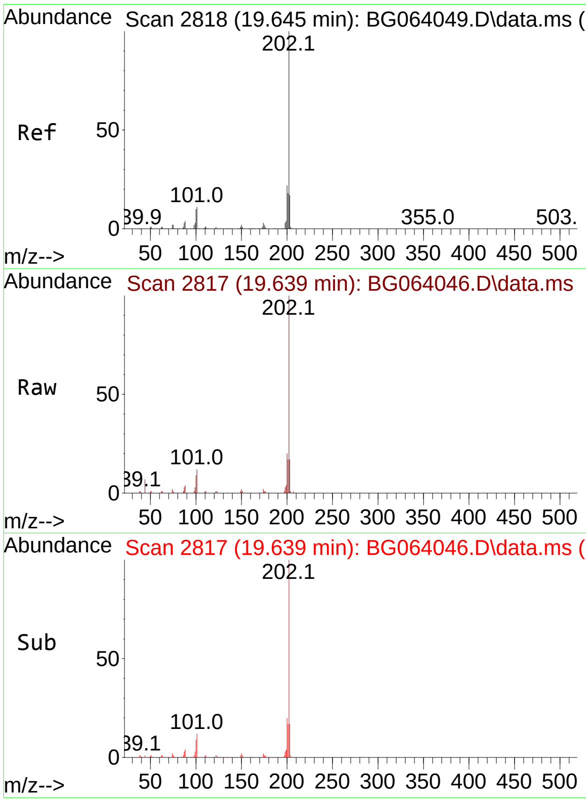
#77
Benzidine
Concen: 3.941 ng m
RT: 19.463 min Scan# 2787
Delta R.T. 0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:184 Resp: 13919

Ion	Ratio	Lower	Upper
184	100		
185	17.9	11.3	16.9#
183	9.0	9.5	14.3#



ICAL Form



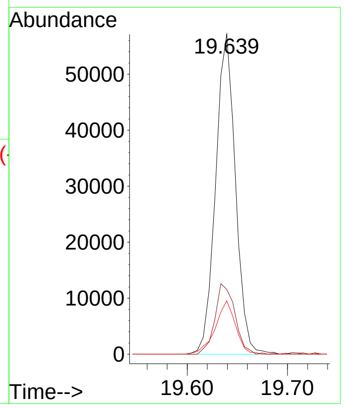
#78
Pyrene
Concen: 4.853 ng
RT: 19.639 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

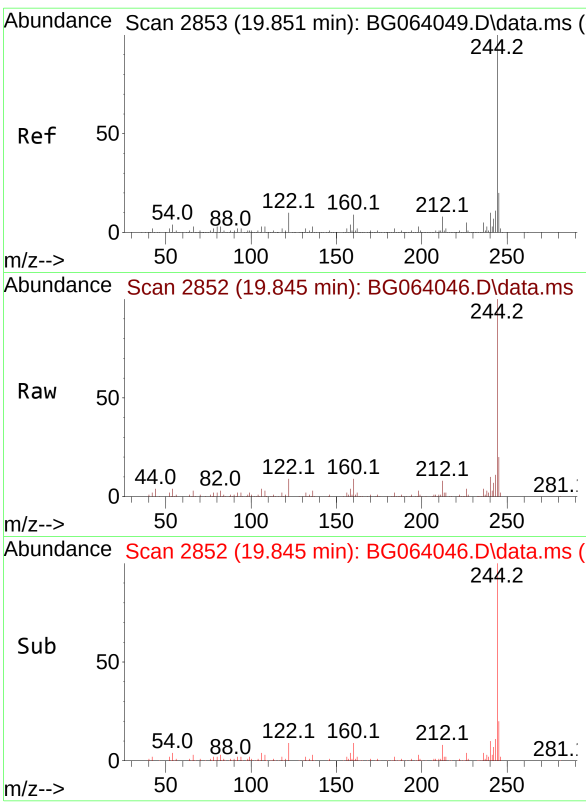
Tgt Ion:202 Resp: 7870

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.3	25.9
203	16.7	13.6	20.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

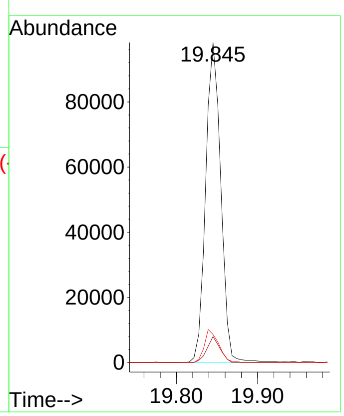




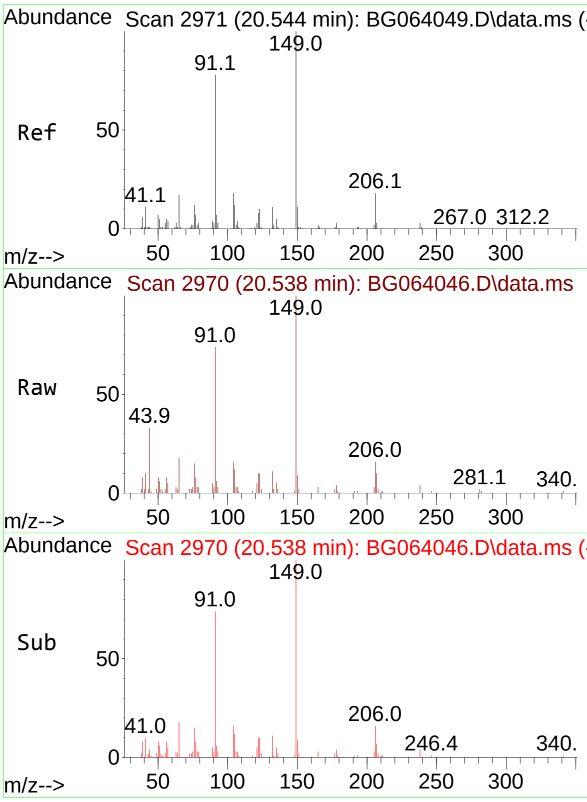
#79
Terphenyl-d14
Concen: 10.226 ng
RT: 19.845 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:244 Resp: 127223

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	8.8	8.0	12.0



ICAL Form



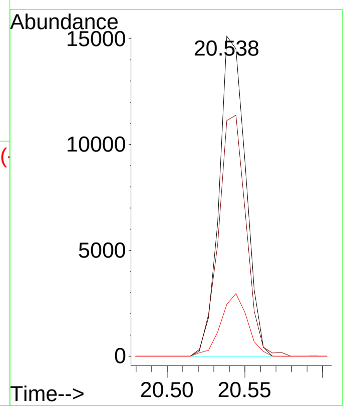
#80
Butylbenzylphthalate
Concen: 6.356 ng
RT: 20.538 min Scan# 29
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

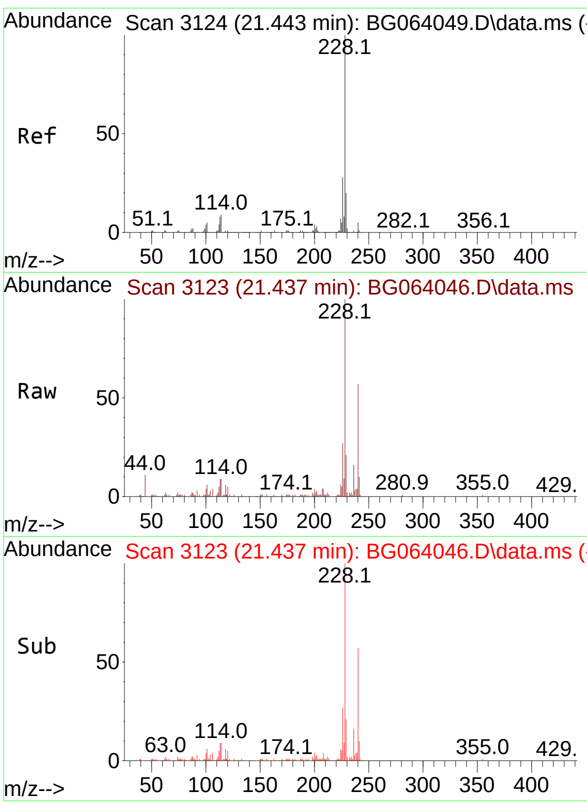
Tgt Ion:149 Resp: 1789

Ion	Ratio	Lower	Upper
149	100		
91	73.7	62.0	93.0
206	16.2	14.6	21.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

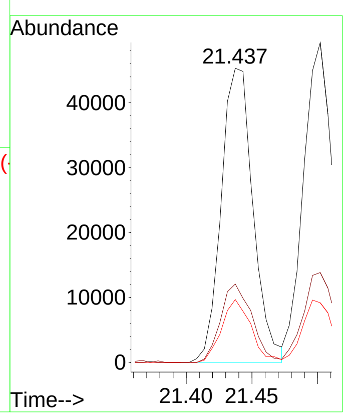




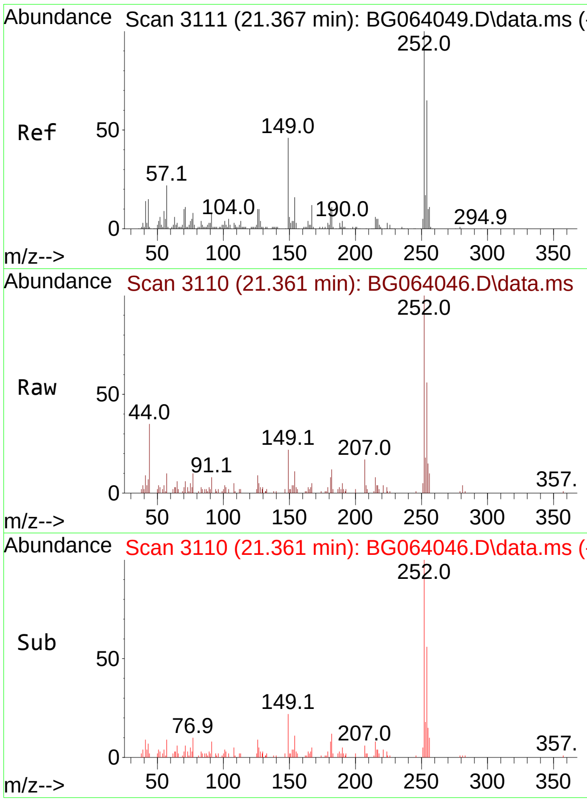
#81
Benzo(a)anthracene
Concen: 4.751 ng
RT: 21.437 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:228 Resp: 76566

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.2	33.2
229	21.4	16.4	24.6



ICAL Form



#82
3,3'-Dichlorobenzidine
Concen: 4.226 ng
RT: 21.361 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

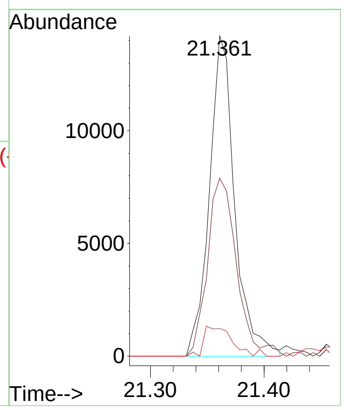
Tgt Ion:252 Resp: 2203

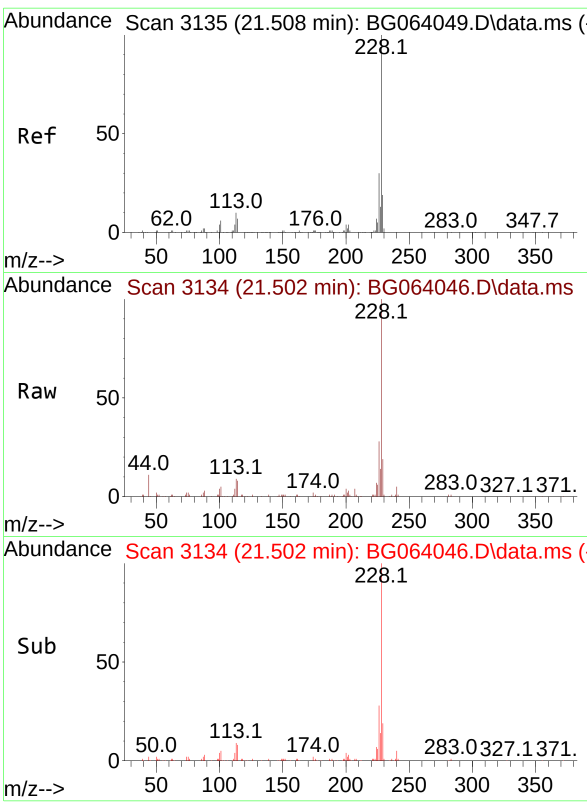
Ion	Ratio	Lower	Upper
252	100		
254	55.6	52.1	78.1
126	8.6	7.8	11.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

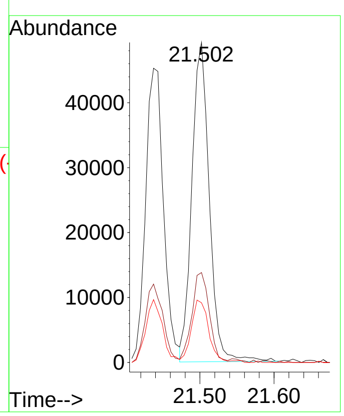


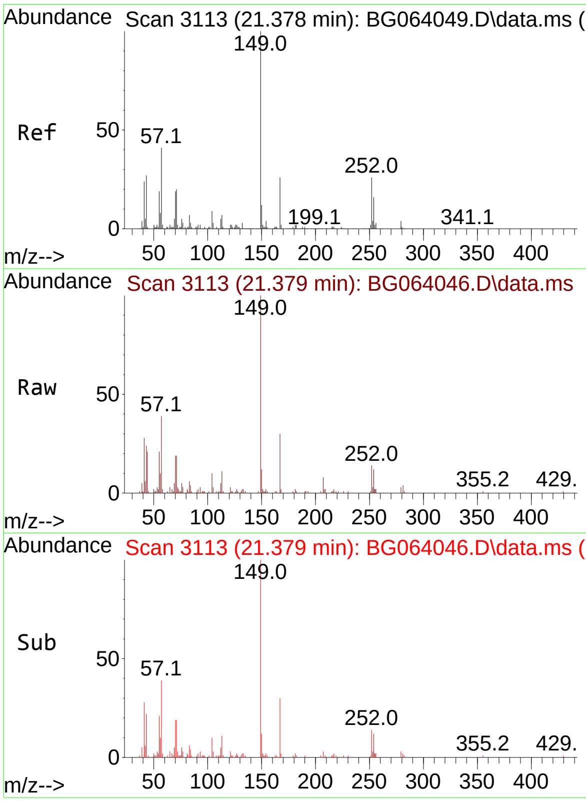


#83
Chrysene
Concen: 5.014 ng
RT: 21.502 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:228 Resp: 80580

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.9	35.9
229	18.7	15.3	22.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.634 ng
RT: 21.379 min   Scan# 31
Delta R.T.   0.000 min
Lab File: BG064046.D
Acq: 5 Mar 2025   9:42

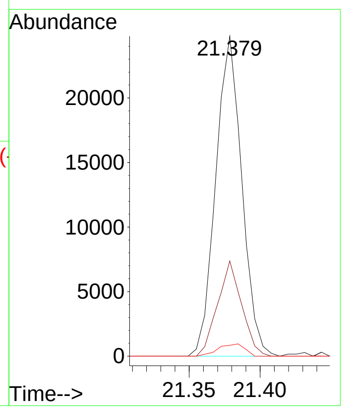
Tgt Ion:149 Resp: 3167

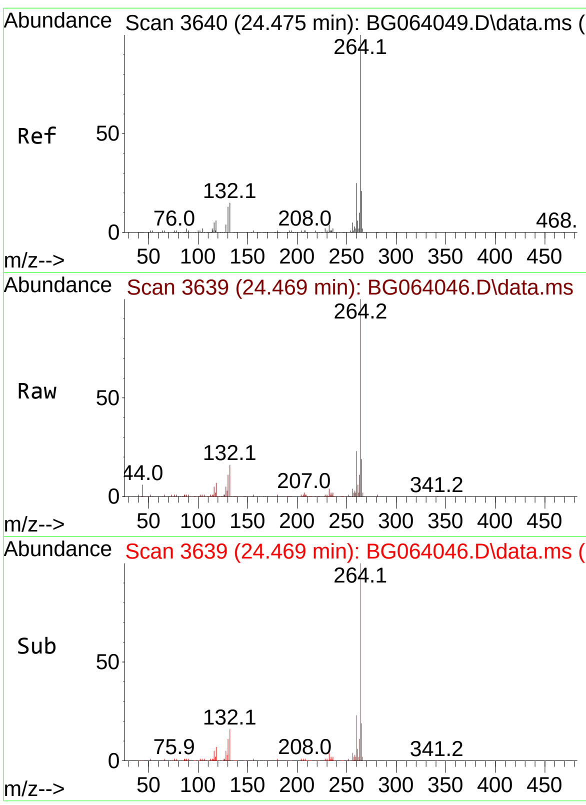
Ion	Ratio	Lower	Upper
149	100		
167	29.7	21.0	31.6
279	3.4	2.8	4.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay   03/06/2025
Supervised By :mohammad ahmed   03/07/2025

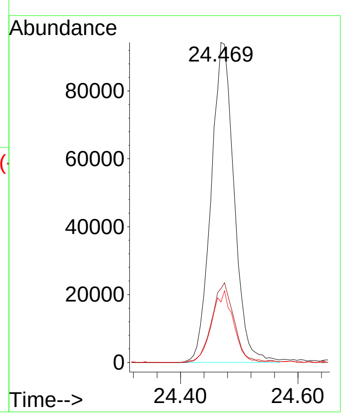




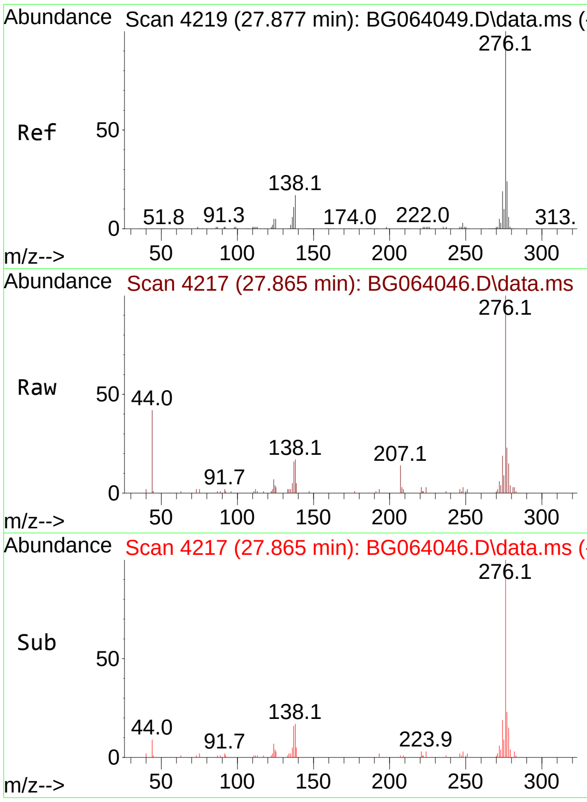
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.469 min   Scan# 3639
Delta R.T.   -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025   9:42

Tgt Ion:264 Resp: 257404

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	18.9	16.6	25.0



ICAL Form



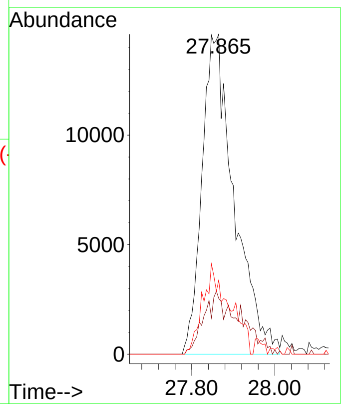
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.569 ng
RT: 27.865 min Scan# 4
Delta R.T. -0.011 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

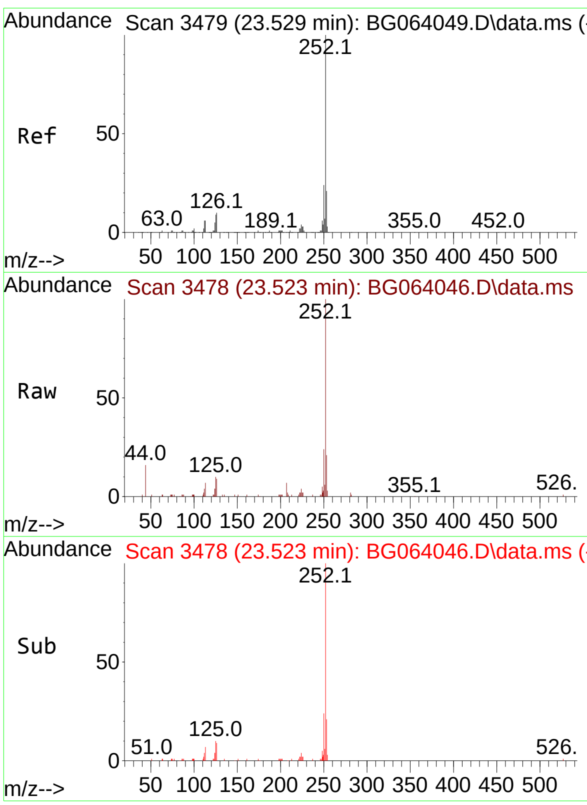
Tgt Ion:276 Resp: 7868

Ion	Ratio	Lower	Upper
276	100		
138	11.1	12.1	18.1#
277	23.4	20.0	30.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

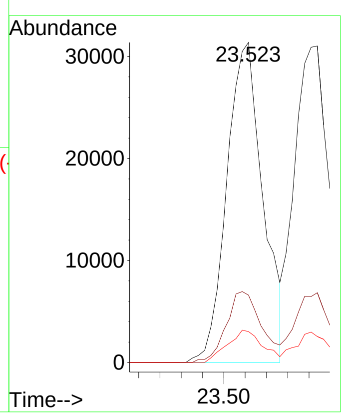


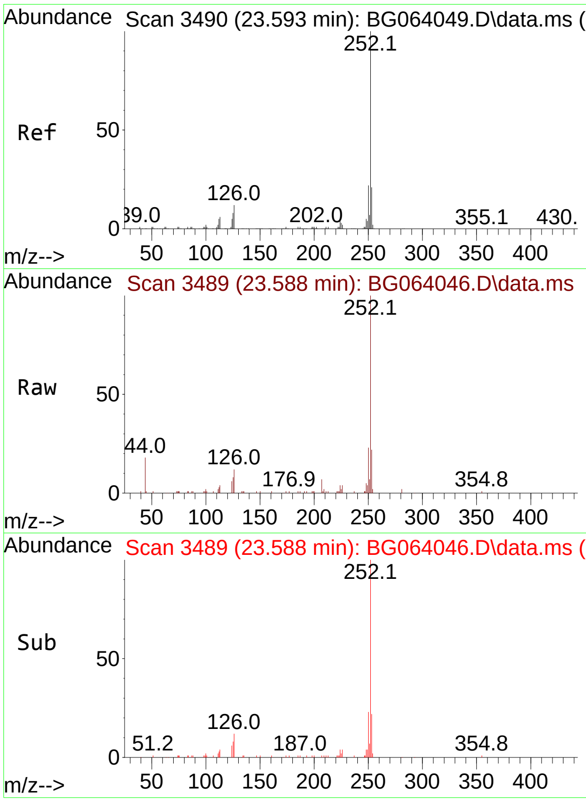


#88
Benzo(b)fluoranthene
Concen: 4.757 ng
RT: 23.523 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:252 Resp: 74031

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.4
125	9.7	7.4	11.2

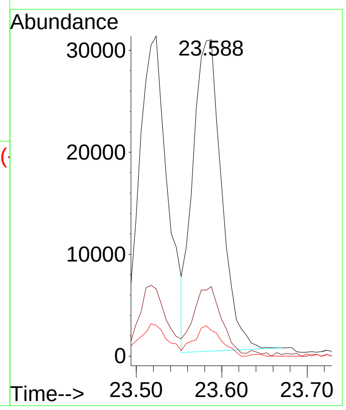




#89
Benzo(k)fluoranthene
Concen: 4.582 ng
RT: 23.588 min Scan# 34
Delta R.T. -0.006 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

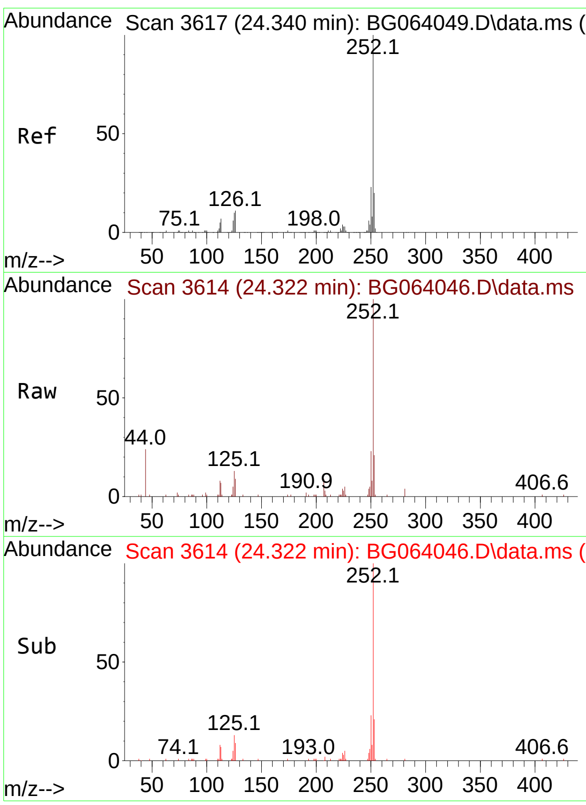
Tgt Ion:252 Resp: 7152

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.8	25.2
125	8.2	6.9	10.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC005

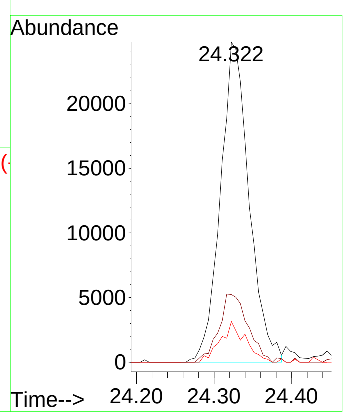
Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



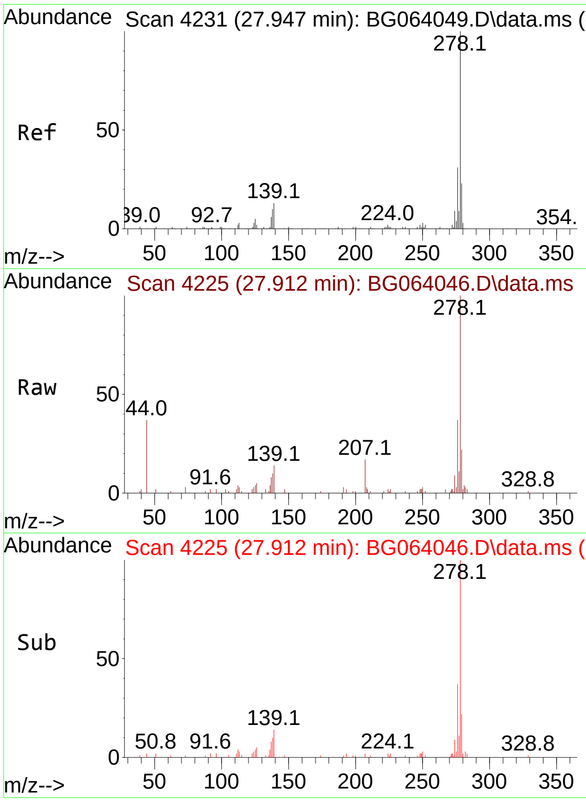
#90
Benzo(a)pyrene
Concen: 4.610 ng
RT: 24.322 min Scan# 3614
Delta R.T. -0.017 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:252 Resp: 63881

Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.2	24.2
125	12.7	7.8	11.6#



ICAL Form



#91
Dibenzo(a,h)anthracene
Concen: 4.638 ng
RT: 27.912 min Scan# 4
Delta R.T. -0.035 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

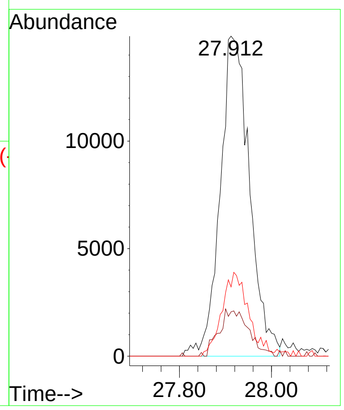
Tgt Ion:278 Resp: 6622

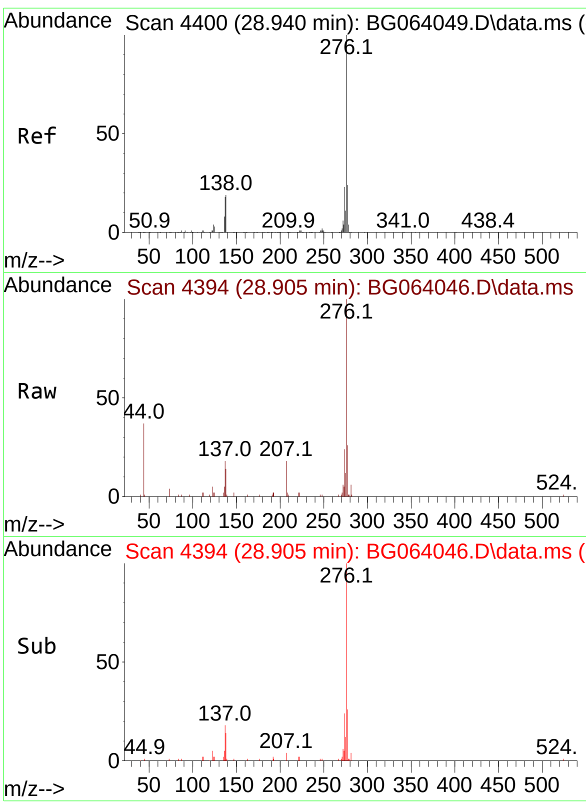
Ion	Ratio	Lower	Upper
278	100		
139	13.9	10.2	15.2
279	21.7	18.1	27.1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

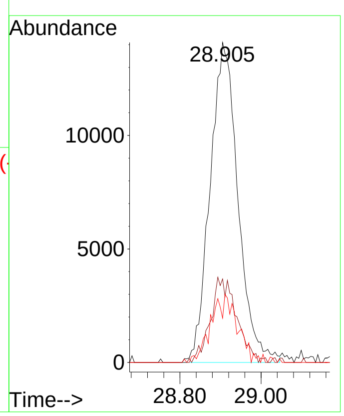




#92
Benzo(g,h,i)perylene
Concen: 4.607 ng
RT: 28.905 min Scan# 4394
Delta R.T. -0.035 min
Lab File: BG064046.D
Acq: 5 Mar 2025 9:42

Tgt Ion:276 Resp: 67535

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.5	29.3
138	13.8	15.4	23.0#



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064047.D
Acq On : 5 Mar 2025 10:22
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:21:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	31108	20.000 ng		0.00
21) Naphthalene-d8	10.652	136	139041	20.000 ng		0.00
39) Acenaphthene-d10	14.489	164	93753	20.000 ng		0.00
64) Phenanthrene-d10	17.227	188	216134	20.000 ng		0.00
76) Chrysene-d12	21.457	240	243131	20.000 ng		0.00
86) Perylene-d12	24.471	264	255316	20.000 ng		0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	38583	19.366 ng		0.00
7) Phenol-d6	7.027	99	50726	18.716 ng		0.00
23) Nitrobenzene-d5	9.013	82	41723	16.583 ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	17898	17.174 ng		0.00
45) 2-Fluorobiphenyl	13.114	172	122799	19.881 ng		0.00
79) Terphenyl-d14	19.847	244	248866	20.697 ng		0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.378	88	9415	10.428 ng		97
3) Pyridine	3.760	79	22471	10.233 ng		93
4) n-Nitrosodimethylamine	3.678	42	15180	9.676 ng	#	99
6) Aniline	7.191	93	25976	9.767 ng		98
8) 2-Chlorophenol	7.432	128	20803	9.722 ng		95
9) Benzaldehyde	7.003	77	17458m	11.020 ng		
10) Phenol	7.050	94	26326	9.487 ng		98
11) bis(2-Chloroethyl)ether	7.285	93	22457	10.323 ng		96
12) 1,3-Dichlorobenzene	7.755	146	23941	10.189 ng		90
13) 1,4-Dichlorobenzene	7.896	146	24047	9.985 ng		93
14) 1,2-Dichlorobenzene	8.214	146	22764	9.802 ng		91
15) Benzyl Alcohol	8.096	79	19422	9.274 ng		95
16) 2,2'-oxybis(1-Chloropr...	8.390	45	47034	9.615 ng		97
17) 2-Methylphenol	8.296	107	17355	9.424 ng		94
18) Hexachloroethane	8.948	117	8075	9.583 ng		90
19) n-Nitroso-di-n-propyla...	8.660	70	17996	9.461 ng	#	95
20) 3+4-Methylphenols	8.625	107	23611	9.313 ng		93
22) Acetophenone	8.678	105	36468	9.566 ng	#	91
24) Nitrobenzene	9.054	77	22242	8.554 ng	#	96
25) Isophorone	9.577	82	46752	9.284 ng		97
26) 2-Nitrophenol	9.765	139	5521	9.891 ng	#	79
27) 2,4-Dimethylphenol	9.823	122	13030	8.631 ng		90
28) bis(2-Chloroethoxy)met...	10.064	93	28970	9.488 ng		98
29) 2,4-Dichlorophenol	10.293	162	16635	8.726 ng		96
30) 1,2,4-Trichlorobenzene	10.517	180	22045	9.579 ng		96
31) Naphthalene	10.699	128	72491	9.669 ng		98
32) Benzoic acid	9.912	122	5442m	11.884 ng		
33) 4-Chloroaniline	10.805	127	25282	9.226 ng	#	92
34) Hexachlorobutadiene	10.993	225	14828	9.830 ng		99
35) Caprolactam	11.539	113	6357	8.702 ng	#	91
36) 4-Chloro-3-methylphenol	11.921	107	22970	9.192 ng		97
37) 2-Methylnaphthalene	12.309	142	50557	9.552 ng		100
38) 1-Methylnaphthalene	12.526	142	50620	9.762 ng	#	92
40) 1,2,4,5-Tetrachloroben...	12.679	216	27386	10.232 ng		98
41) Hexachlorocyclopentadiene	12.667	237	6015	7.985 ng		90
43) 2,4,6-Trichlorophenol	12.914	196	13713	8.693 ng		95

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064047.D
Acq On : 5 Mar 2025 10:22
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:21:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	15468	8.825 ng		95
46) 1,1'-Biphenyl	13.319	154	70250	9.918 ng		94
47) 2-Chloronaphthalene	13.360	162	50394	9.755 ng		98
48) 2-Nitroaniline	13.560	65	10834	9.850 ng		90
49) Acenaphthylene	14.207	152	78614	9.621 ng		96
50) Dimethylphthalate	13.942	163	65659	9.487 ng	#	95
51) 2,6-Dinitrotoluene	14.054	165	9373	9.566 ng		90
52) Acenaphthene	14.547	154	53833m	9.797 ng		
53) 3-Nitroaniline	14.383	138	10697	7.997 ng		98
54) 2,4-Dinitrophenol	14.583	184	3090	12.640 ng	#	74
55) Dibenzofuran	14.882	168	88163	9.924 ng		97
56) 4-Nitrophenol	14.682	139	7683	6.849 ng	#	88
57) 2,4-Dinitrotoluene	14.835	165	11947	9.344 ng	#	95
58) Fluorene	15.528	166	67954	9.821 ng		96
59) 2,3,4,6-Tetrachlorophenol	15.111	232	15282	8.943 ng		99
60) Diethylphthalate	15.311	149	70346	9.363 ng		96
61) 4-Chlorophenyl-phenyle...	15.534	204	34862	10.139 ng		95
62) 4-Nitroaniline	15.540	138	12324	8.534 ng		89
63) Azobenzene	15.822	77	77127	9.620 ng		98
65) 4,6-Dinitro-2-methylph...	15.605	198	5373	12.953 ng		97
66) n-Nitrosodiphenylamine	15.740	169	59511	9.727 ng		99
67) 4-Bromophenyl-phenylether	16.422	248	21085	9.525 ng		97
68) Hexachlorobenzene	16.539	284	24406	9.848 ng	#	89
69) Atrazine	16.686	200	20585	11.436 ng		92
70) Pentachlorophenol	16.874	266	11318	7.355 ng	#	87
71) Phenanthrene	17.268	178	111754	9.694 ng		97
72) Anthracene	17.356	178	112451	9.810 ng		99
73) Carbazole	17.626	167	106750	9.974 ng		98
74) Di-n-butylphthalate	18.202	149	118366	9.396 ng		97
75) Fluoranthene	19.277	202	142097	10.224 ng		98
77) Benzidine	19.465	184	48648m	14.253 ng		
78) Pyrene	19.641	202	156414	9.980 ng		99
80) Butylbenzylphthalate	20.546	149	40179	9.952 ng	#	88
81) Benzo(a)anthracene	21.439	228	154113	9.895 ng		97
82) 3,3'-Dichlorobenzidine	21.363	252	48080	9.539 ng	#	93
83) Chrysene	21.504	228	149887	9.649 ng		98
84) Bis(2-ethylhexyl)phtha...	21.380	149	70780	8.403 ng		95
85) Di-n-octyl phthalate	22.526	149	108389	7.461 ng		97
87) Indeno(1,2,3-cd)pyrene	27.855	276	157212	9.203 ng	#	75
88) Benzo(b)fluoranthene	23.519	252	146238	9.475 ng		98
89) Benzo(k)fluoranthene	23.584	252	151826	9.805 ng		97
90) Benzo(a)pyrene	24.330	252	130528	9.496 ng		96
91) Dibenzo(a,h)anthracene	27.914	278	132272	9.340 ng	#	97
92) Benzo(g,h,i)perylene	28.907	276	139536	9.596 ng		97

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

Quantitation Report (QT Reviewed)

ICAL Form

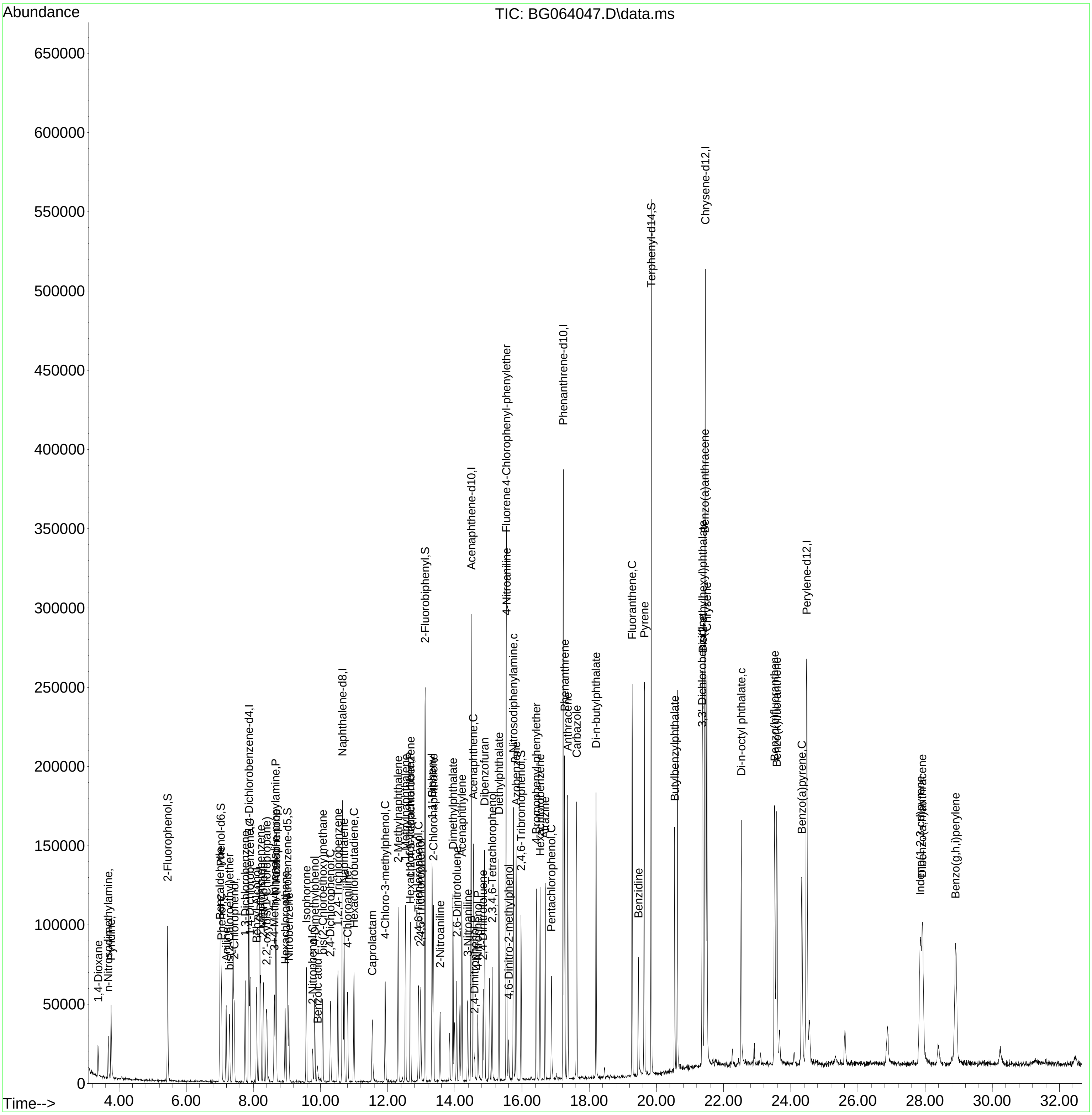
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064047.D
Acq On : 5 Mar 2025 10:22
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

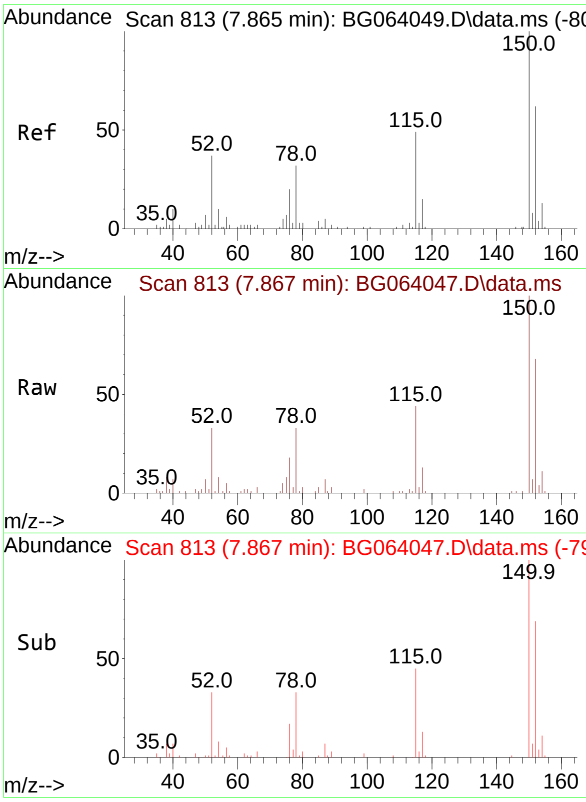
Quant Time: Mar 05 15:21:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

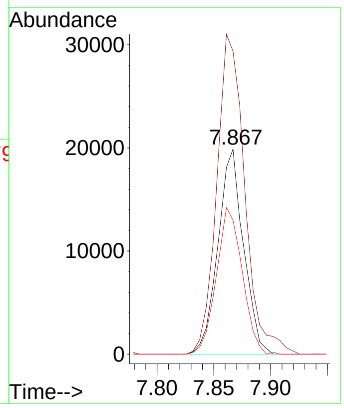




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.867 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

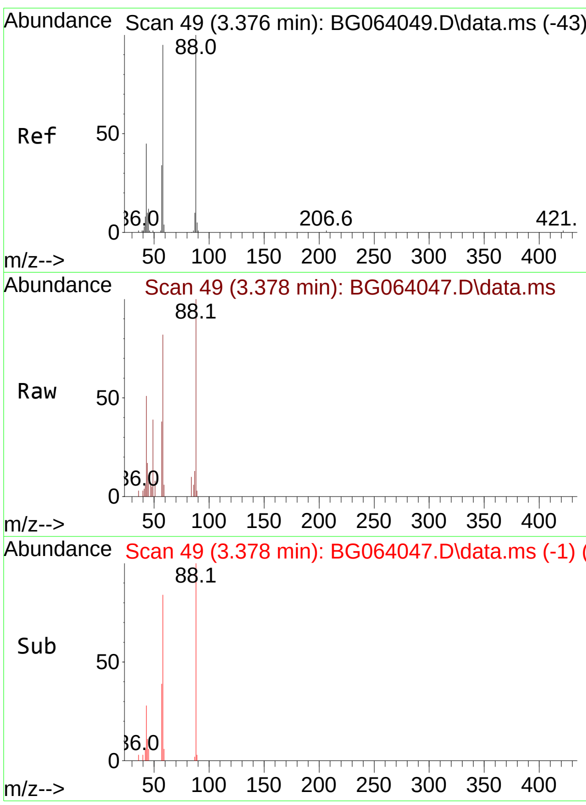
Tgt Ion:152 Resp: 31108

Ion	Ratio	Lower	Upper
152	100		
150	147.8	129.2	193.8
115	65.4	63.0	94.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

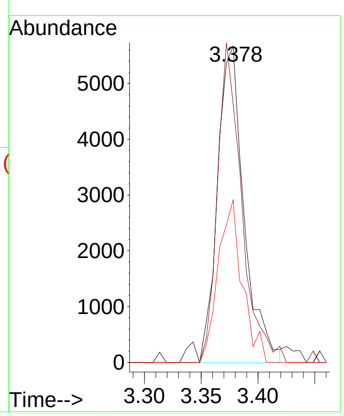
Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

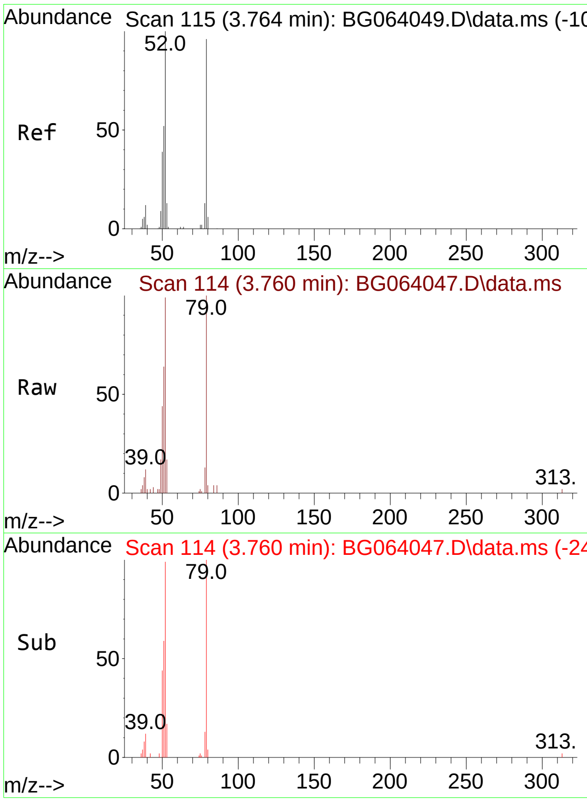


#2
1,4-Dioxane
Concen: 10.428 ng
RT: 3.378 min Scan# 49
Delta R.T. 0.002 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion: 88 Resp: 9415

Ion	Ratio	Lower	Upper
88	100		
58	89.7	74.6	111.8
43	45.8	35.5	53.3





#3
Pyridine
Concen: 10.233 ng
RT: 3.760 min   Scan# 1
Delta R.T.   -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025   10:22

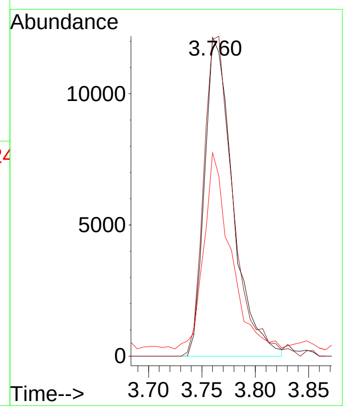
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

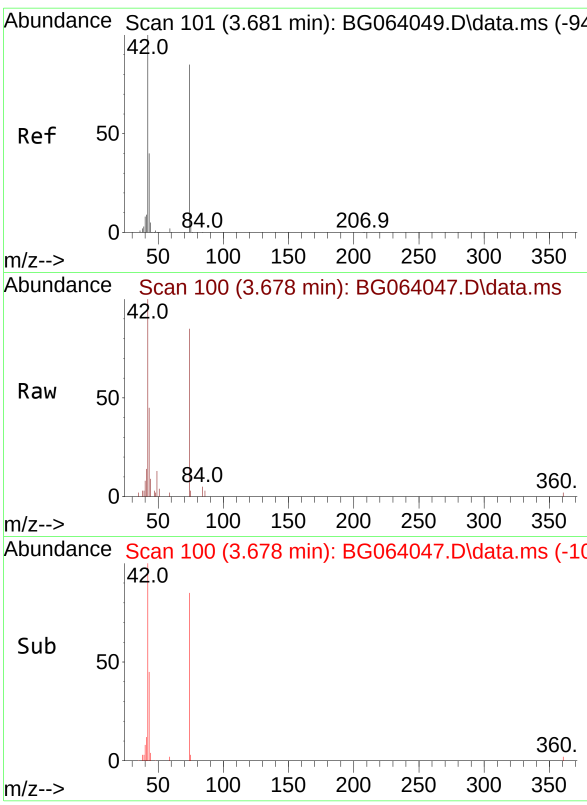
Tgt Ion: 79 Resp: 2247

Ion	Ratio	Lower	Upper
79	100		
52	99.2	83.0	124.6
51	63.8	44.3	66.5

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay   03/06/2025
Supervised By :mohammad ahmed   03/07/2025

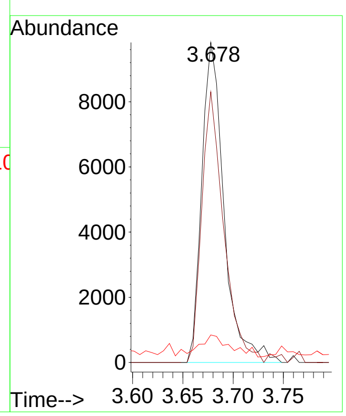




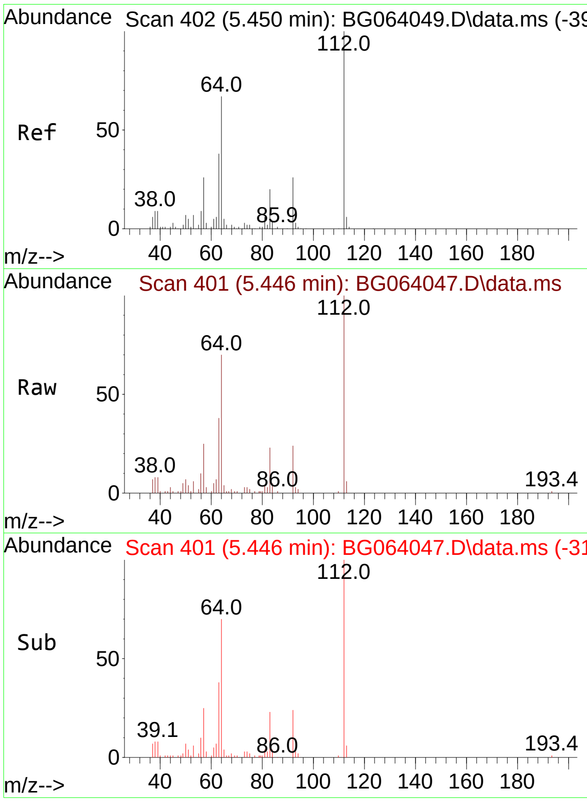
#4
n-Nitrosodimethylamine
Concen: 9.676 ng
RT: 3.678 min   Scan# 100
Delta R.T.   -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025   10:22

Tgt Ion: 42 Resp: 15180

Ion	Ratio	Lower	Upper
42	100		
74	84.6	68.0	102.0
44	8.6	4.9	7.3#



ICAL Form



#5
2-Fluorophenol
Concen: 19.366 ng
RT: 5.446 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

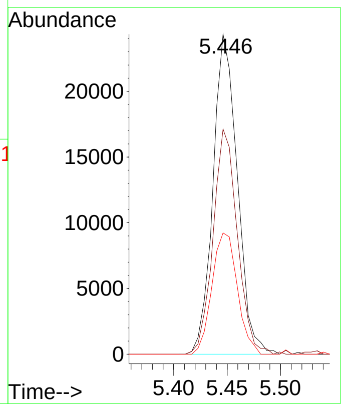
Tgt Ion:112 Resp: 3858

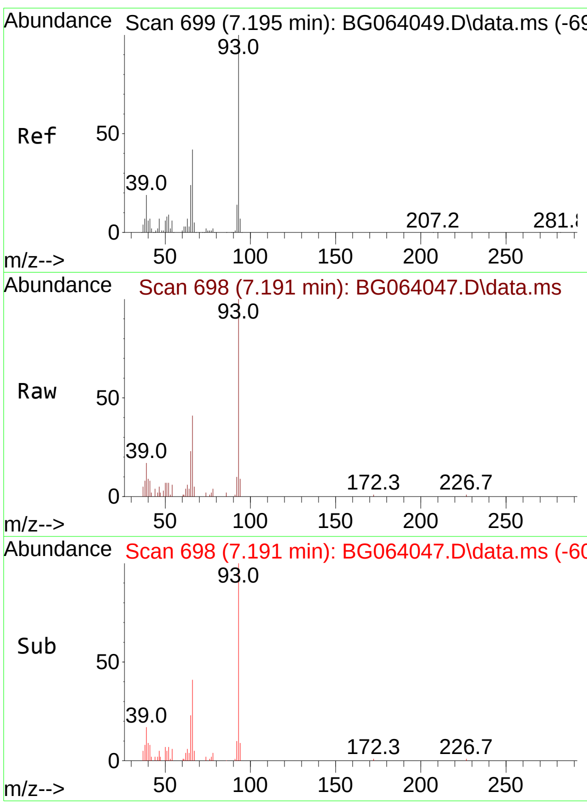
Ion	Ratio	Lower	Upper
112	100		
64	70.4	53.7	80.5
63	37.9	30.2	45.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

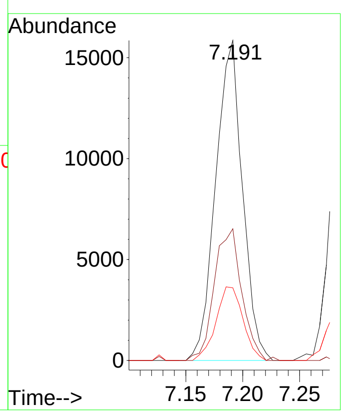




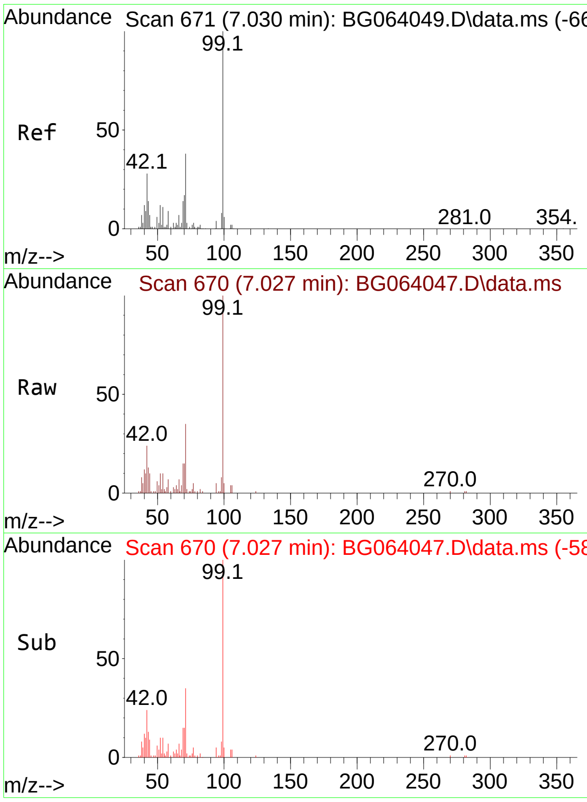
#6
Aniline
Concen: 9.767 ng
RT: 7.191 min Scan# 698
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion: 93 Resp: 25976

Ion	Ratio	Lower	Upper
93	100		
66	41.2	33.7	50.5
65	22.7	19.1	28.7



ICAL Form



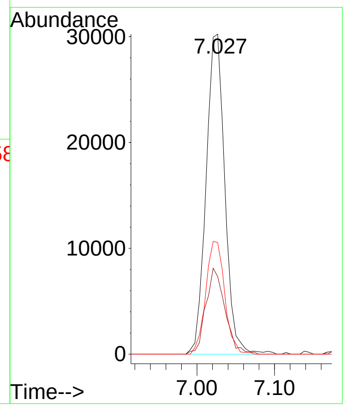
#7
Phenol-d6
Concen: 18.716 ng
RT: 7.027 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

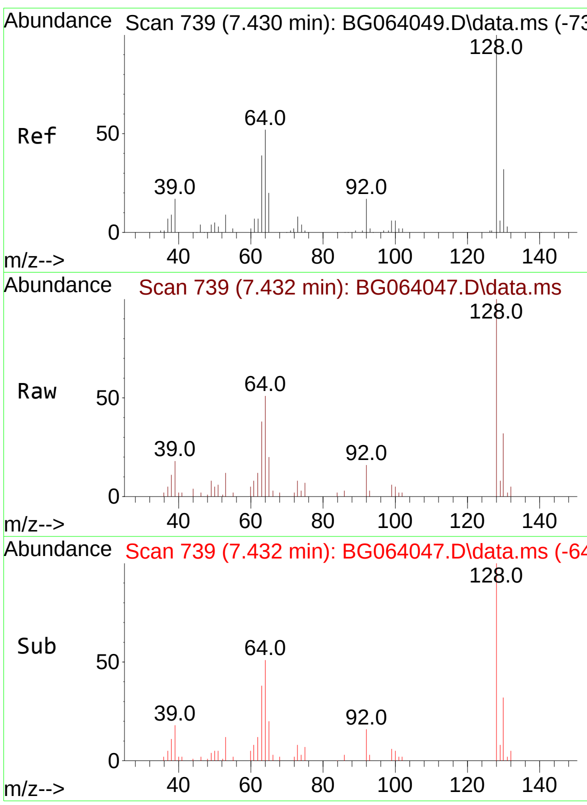
Tgt Ion: 99 Resp: 5072

Ion	Ratio	Lower	Upper
99	100		
42	24.2	22.7	34.1
71	34.9	30.6	46.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

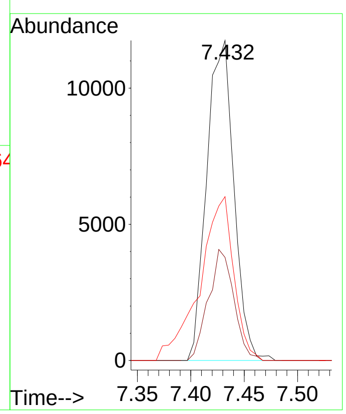




#8
2-Chlorophenol
Concen: 9.722 ng
RT: 7.432 min Scan# 739
Delta R.T. 0.002 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:128 Resp: 20803

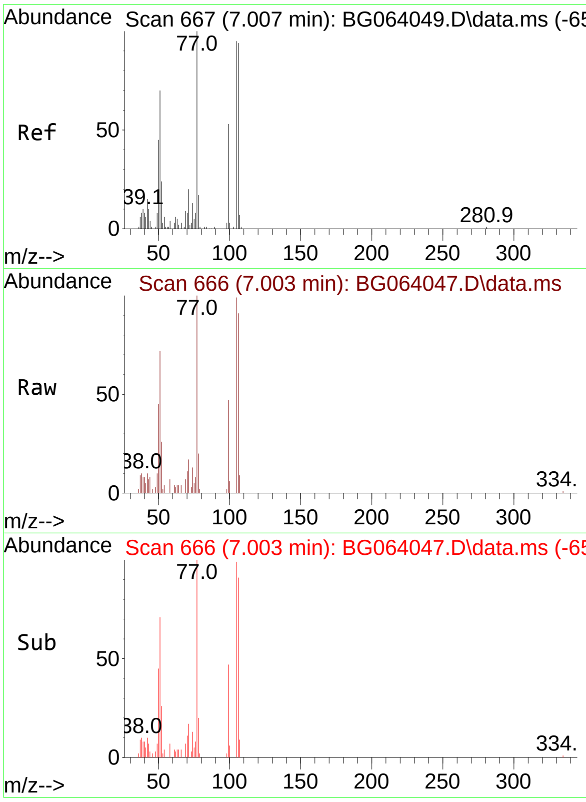
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.3	52.3
64	51.2	37.0	77.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

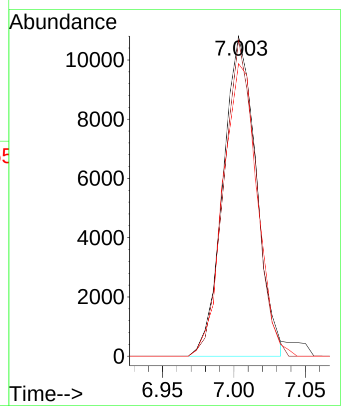
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

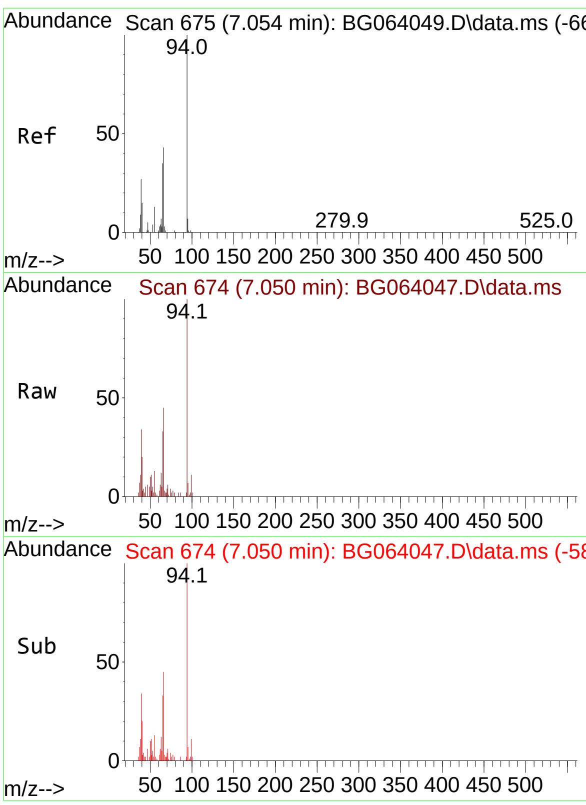


#9
Benzaldehyde
Concen: 11.020 ng m
RT: 7.003 min Scan# 66
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion: 77 Resp: 17458

Ion	Ratio	Lower	Upper
77	100		
105	98.8	75.5	115.5
106	91.4	74.2	114.2

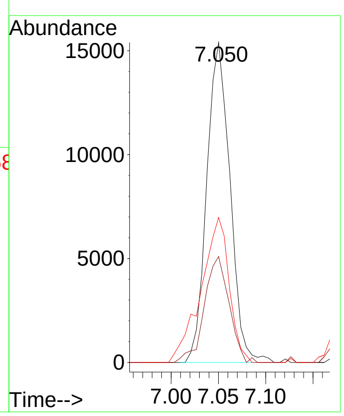




#10
Phenol
Concen: 9.487 ng
RT: 7.050 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

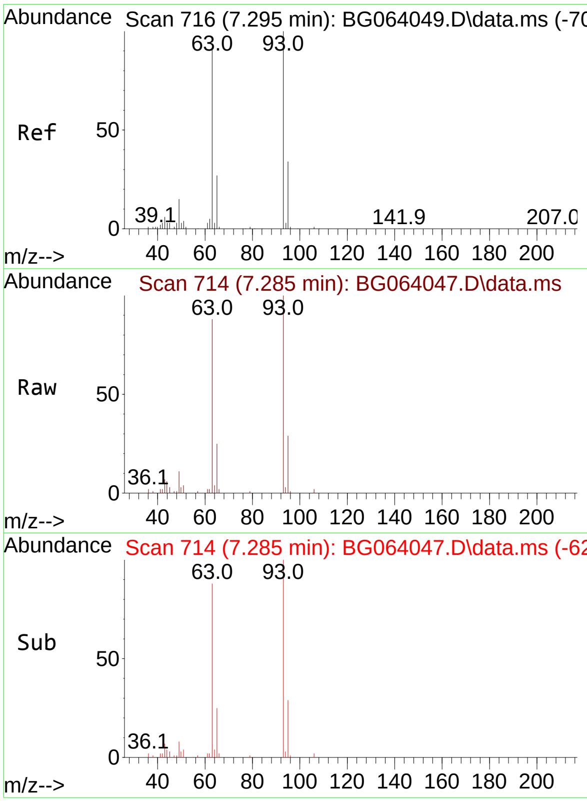
Tgt Ion: 94 Resp: 26326

Ion	Ratio	Lower	Upper
94	100		
65	33.1	15.2	55.2
66	45.3	25.1	65.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

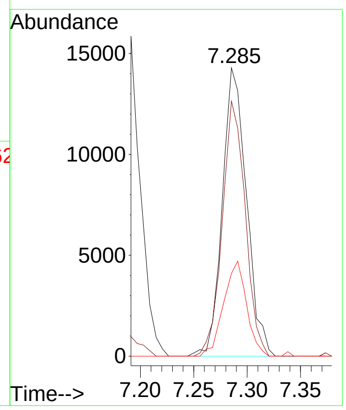
Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

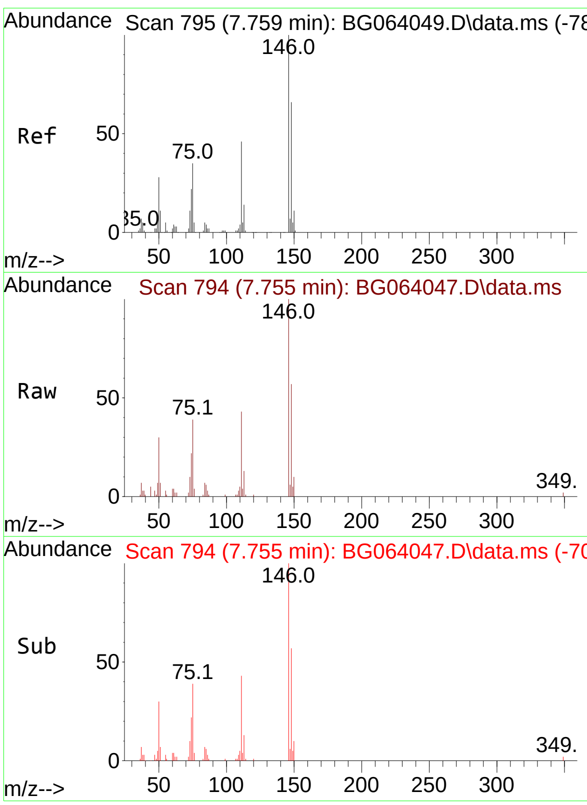


#11
bis(2-Chloroethyl)ether
Concen: 10.323 ng
RT: 7.285 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion: 93 Resp: 2245

Ion	Ratio	Lower	Upper
93	100		
63	88.5	70.0	110.0
95	28.7	13.7	53.7

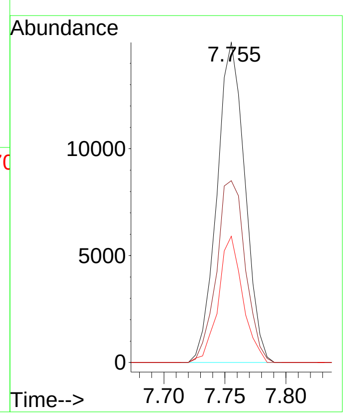


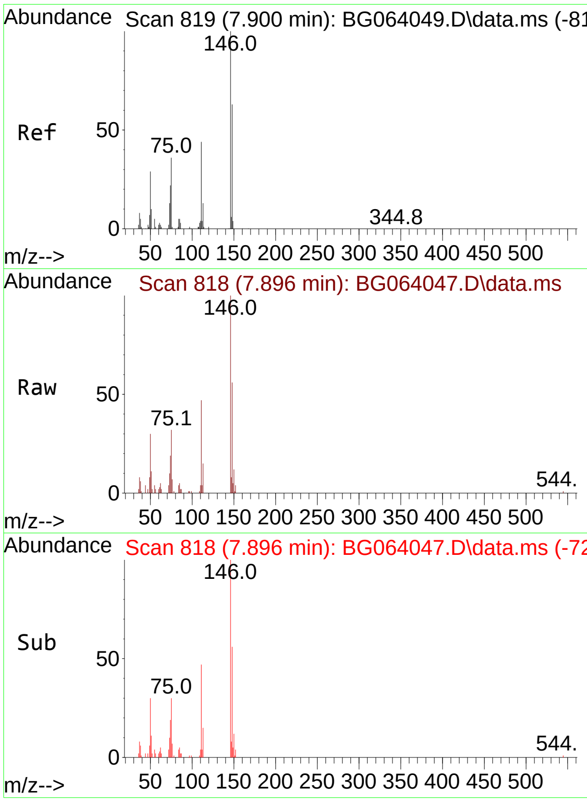


#12
1,3-Dichlorobenzene
Concen: 10.189 ng
RT: 7.755 min Scan# 794
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:146 Resp: 23941

Ion	Ratio	Lower	Upper
146	100		
148	56.8	52.6	78.8
75	39.5	28.1	42.1





#13
1,4-Dichlorobenzene
Concen: 9.985 ng
RT: 7.896 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

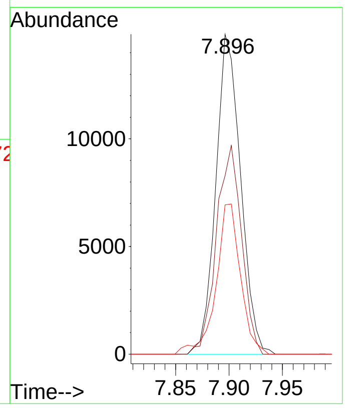
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

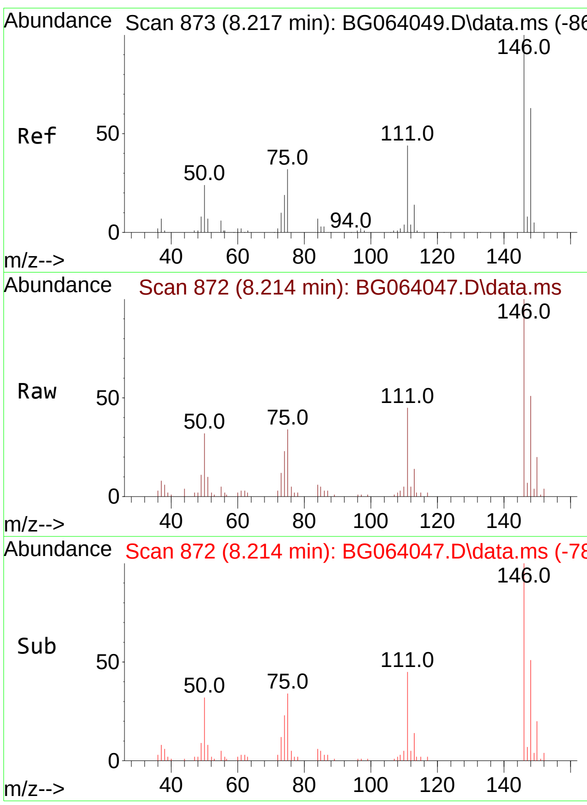
Tgt Ion:146 Resp: 2404

Ion	Ratio	Lower	Upper
146	100		
148	55.7	50.6	75.8
111	46.7	35.1	52.7

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

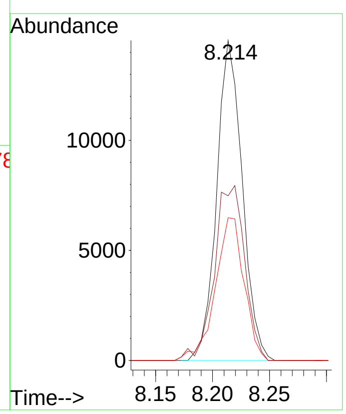




#14
1,2-Dichlorobenzene
Concen: 9.802 ng
RT: 8.214 min Scan# 872
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:146 Resp: 22764

Ion	Ratio	Lower	Upper
146	100		
148	51.4	50.2	75.2
111	44.6	36.4	54.6



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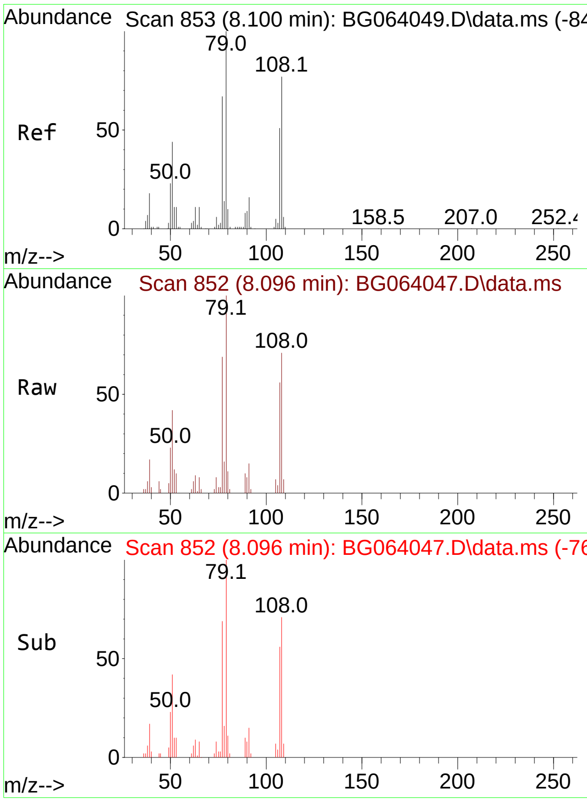


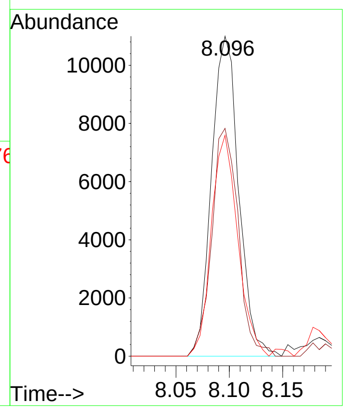
#15
Benzyl Alcohol
Concen: 9.274 ng
RT: 8.096 min   Scan# 8
Delta R.T.   -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025   10:22

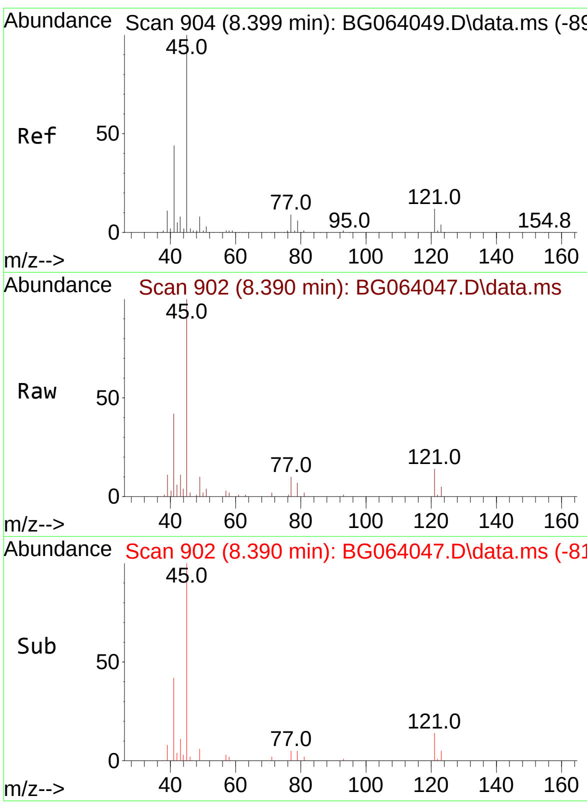
Tgt Ion: 79 Resp: 1942

Ion	Ratio	Lower	Upper
79	100		
108	71.2	61.7	92.5
77	69.0	53.9	80.9

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay   03/06/2025
Supervised By :mohammad ahmed   03/07/2025

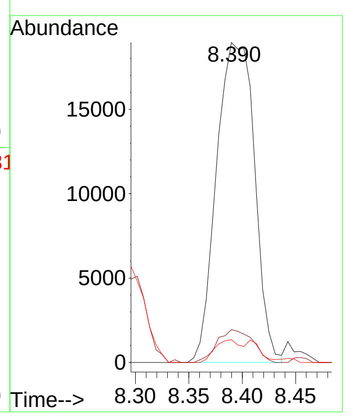


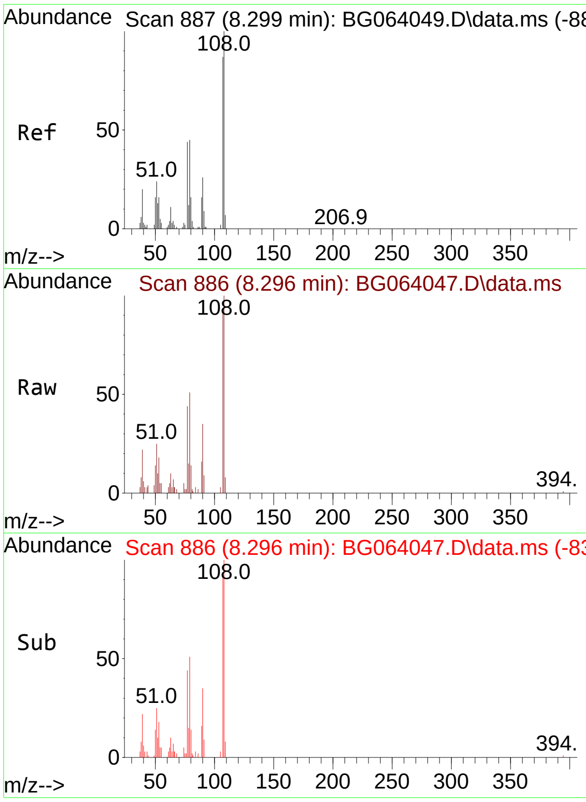


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.615 ng
RT: 8.390 min   Scan# 902
Delta R.T.   -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025   10:22

Tgt Ion: 45 Resp: 47034

Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	29.0
79	7.1	0.0	26.6





#17
2-Methylphenol
Concen: 9.424 ng
RT: 8.296 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

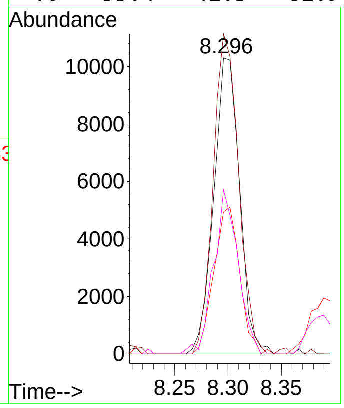
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

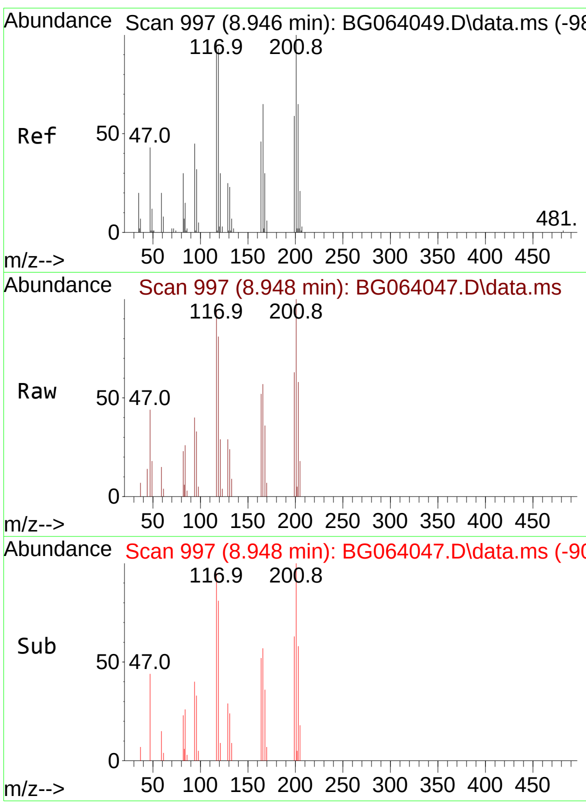
Tgt Ion:107 Resp: 1735

Ion	Ratio	Lower	Upper
107	100		
108	108.1	92.5	138.7
77	48.0	40.5	60.7
79	55.4	41.3	61.9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

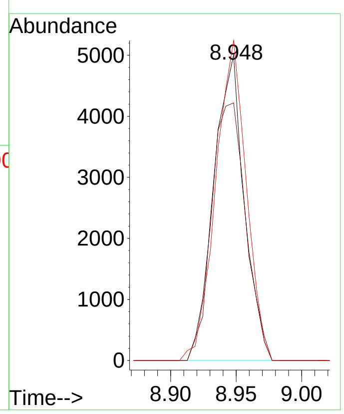




#18
Hexachloroethane
Concen: 9.583 ng
RT: 8.948 min Scan# 997
Delta R.T. 0.002 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:117 Resp: 8075

Ion	Ratio	Lower	Upper
117	100		
119	84.3	76.2	114.2
201	110.2	81.5	122.3



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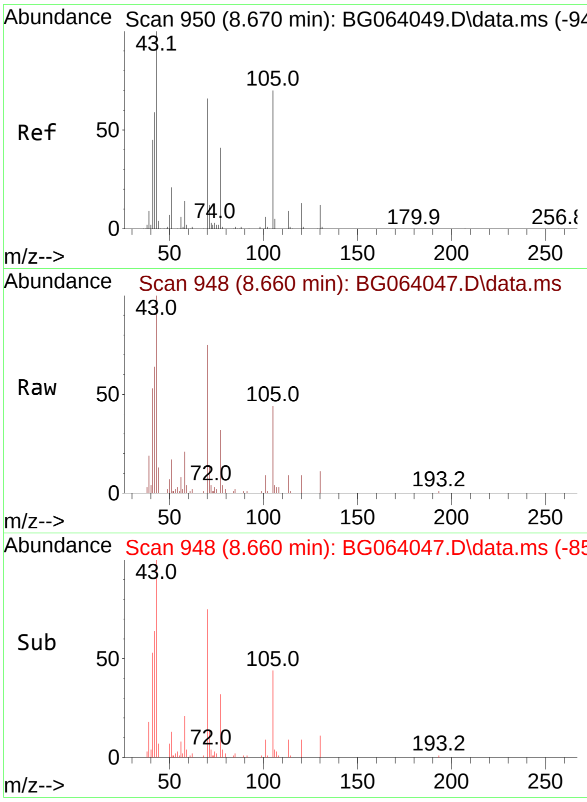

#19
n-Nitroso-di-n-propylamine
Concen: 9.461 ng
RT: 8.660 min Scan# 94
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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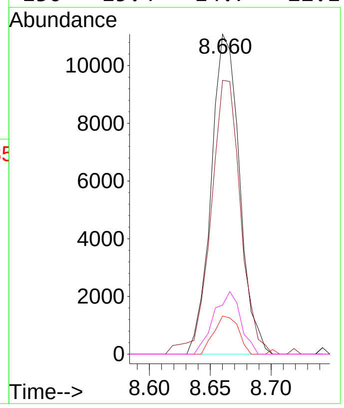
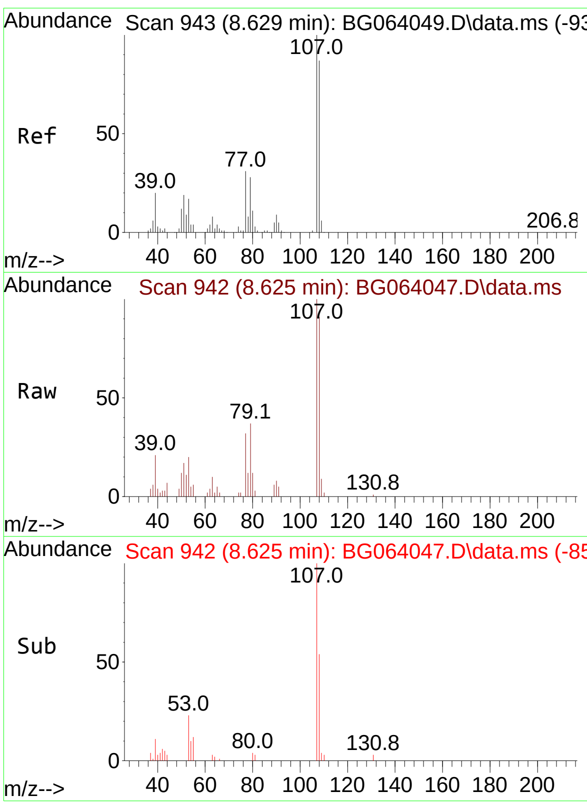
Tgt Ion: 70 Resp: 1799

Ion	Ratio	Lower	Upper
70	100		
42	85.6	72.1	108.1
101	12.0	7.2	10.8
130	15.4	14.7	22.1

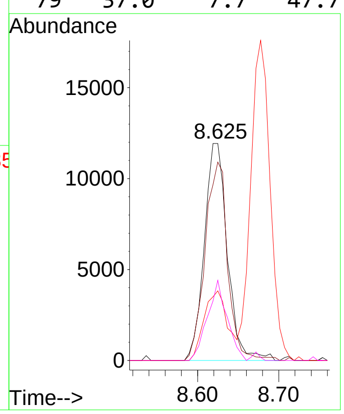




#20
3+4-Methylphenols
Concen: 9.313 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:107 Resp: 23611

Ion	Ratio	Lower	Upper
107	100		
108	91.4	67.0	107.0
77	32.0	11.2	51.2
79	37.0	7.7	47.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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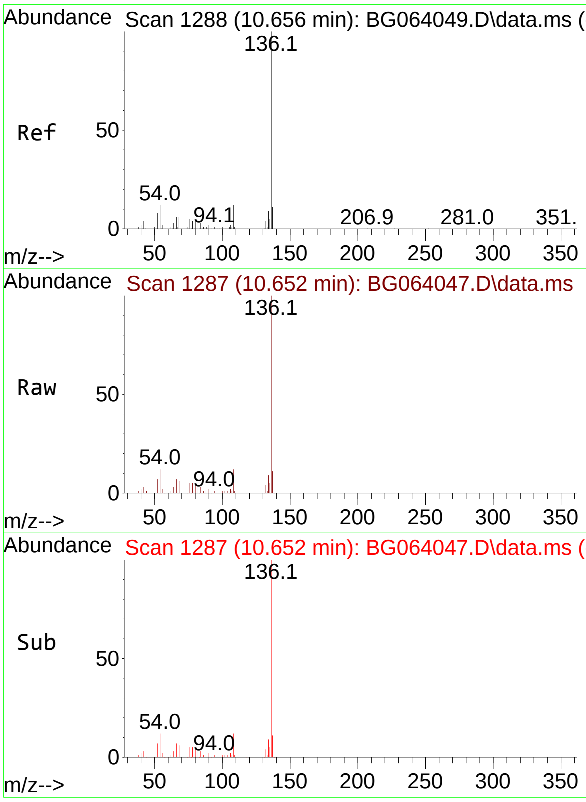
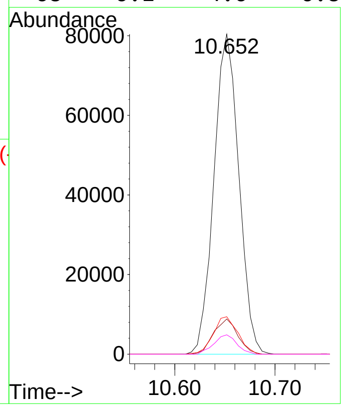
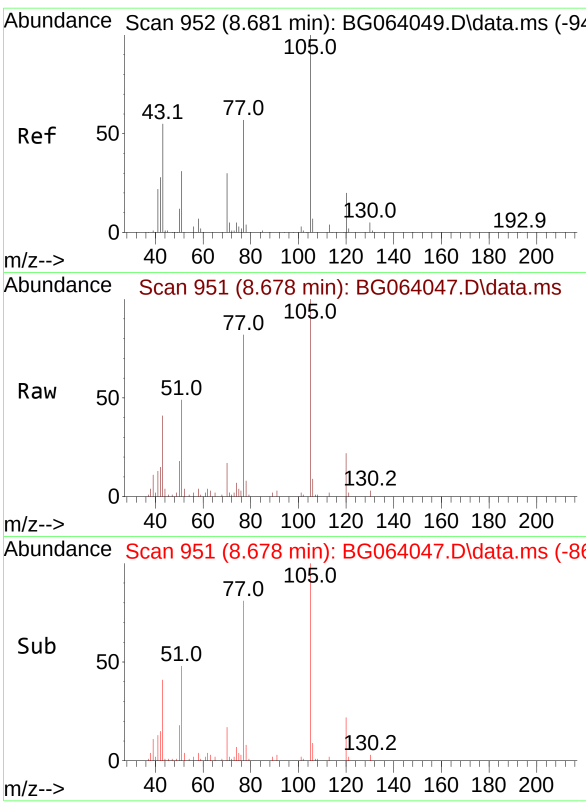


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:136 Resp: 13904

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.7	9.9	14.9
68	6.1	4.6	6.8

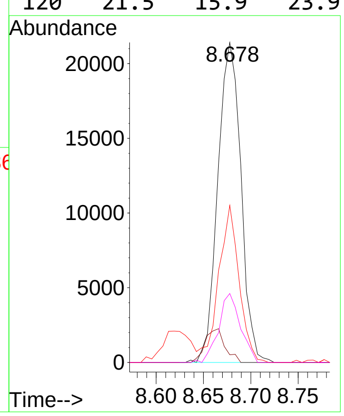




#22
Acetophenone
Concen: 9.566 ng
RT: 8.678 min Scan# 951
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:105 Resp: 36468

Ion	Ratio	Lower	Upper
105	100		
71	2.4	4.2	6.4#
51	49.1	33.3	49.9
120	21.5	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
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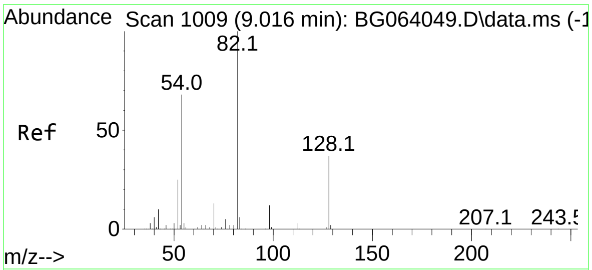
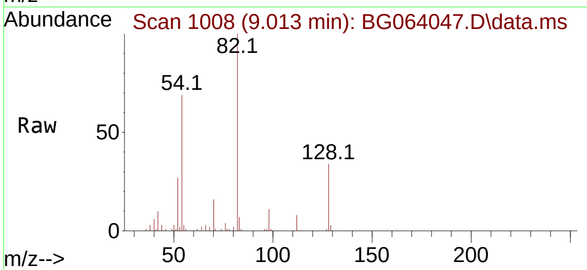
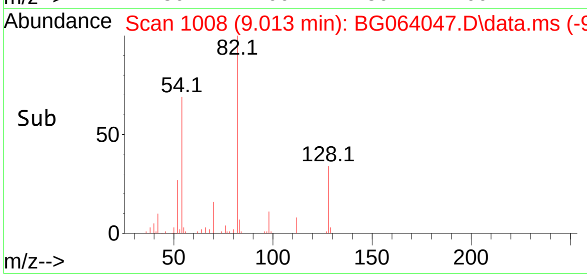


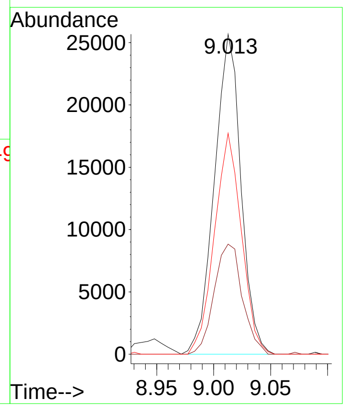


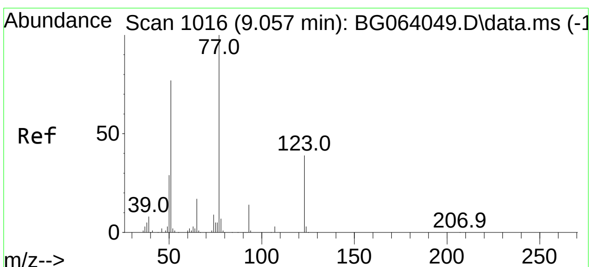


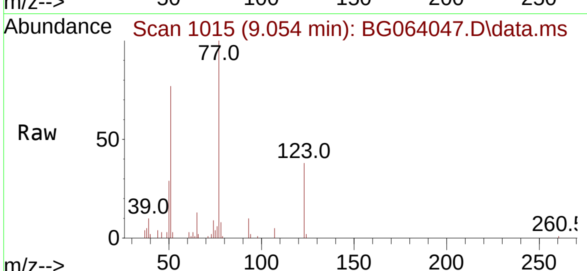
#23
Nitrobenzene-d5
Concen: 16.583 ng
RT: 9.013 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

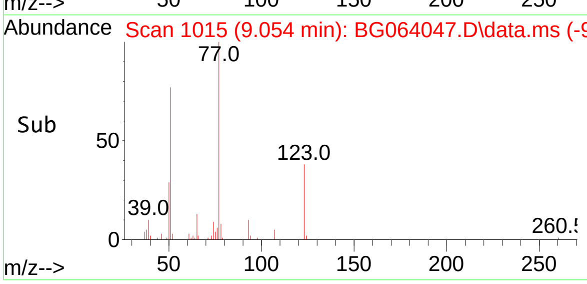
Tgt Ion: 82 Resp: 4172

Ion	Ratio	Lower	Upper
82	100		
128	34.4	30.0	45.0
54	69.0	54.7	82.1





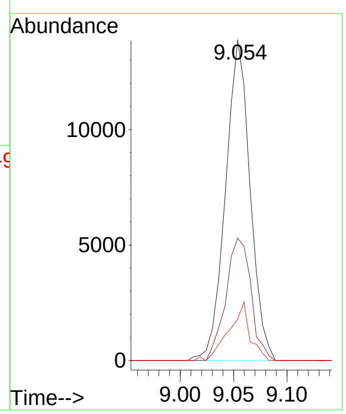




#24
Nitrobenzene
Concen: 8.554 ng
RT: 9.054 min Scan# 1015
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion: 77 Resp: 22242

Ion	Ratio	Lower	Upper
77	100		
123	38.2	31.4	47.2
65	12.9	13.4	20.0#



Instrument :
BNA_G
ClientSampleId :
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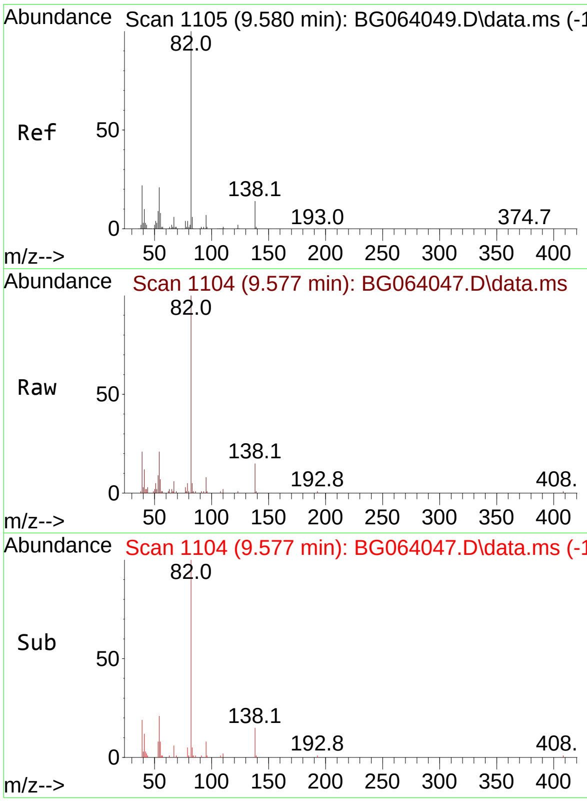
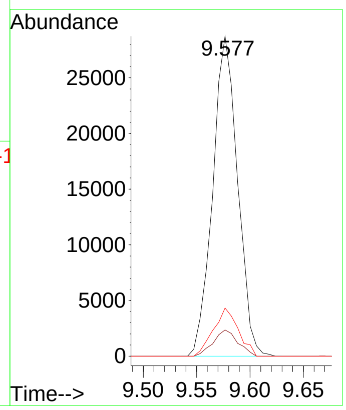
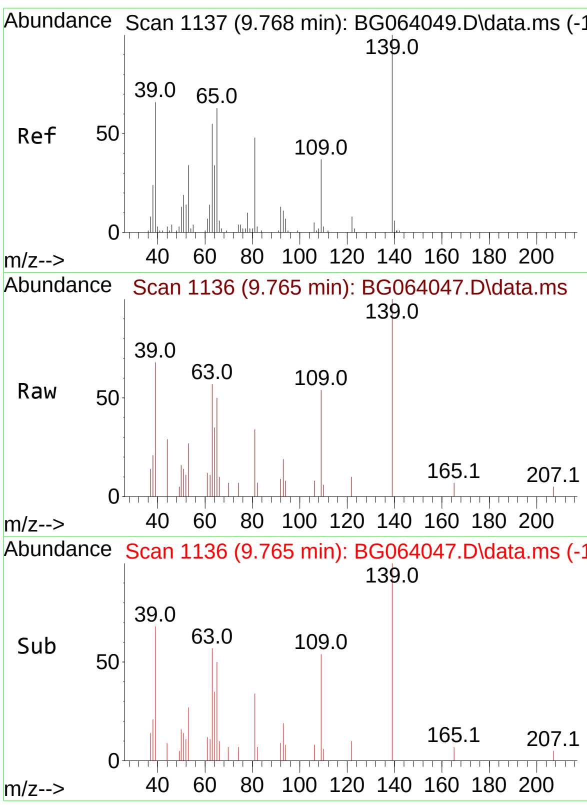


#25
Isophorone
Concen: 9.284 ng
RT: 9.577 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion: 82 Resp: 4675

Ion	Ratio	Lower	Upper
82	100		
95	8.2	5.8	8.8
138	15.1	10.9	16.3

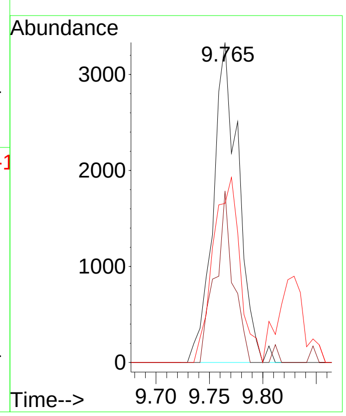




#26
2-Nitrophenol
Concen: 9.891 ng
RT: 9.765 min Scan# 1136
Delta R.T. -0.003 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:139 Resp: 5521

Ion	Ratio	Lower	Upper
139	100		
109	53.6	29.9	44.9#
65	49.7	50.6	76.0#



Instrument :
BNA_G
ClientSampleId :
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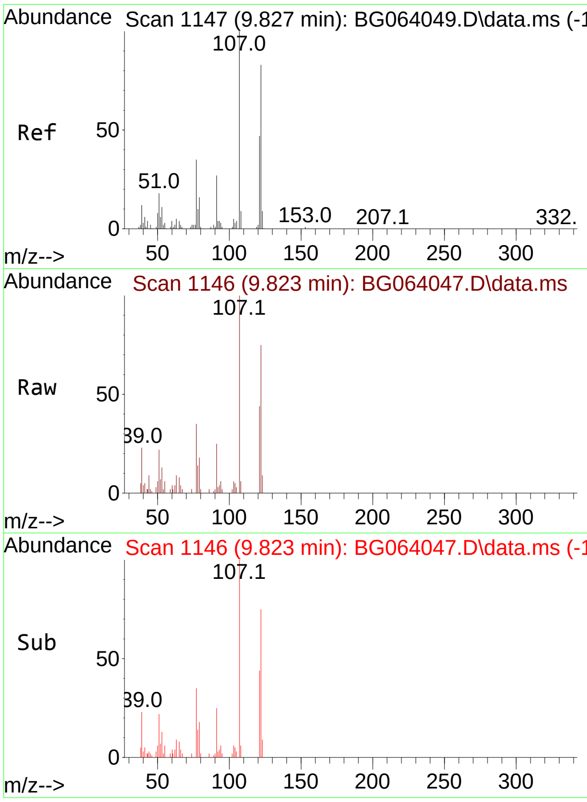
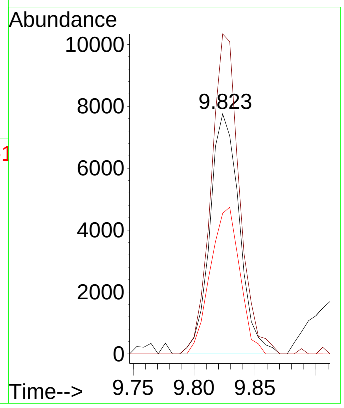
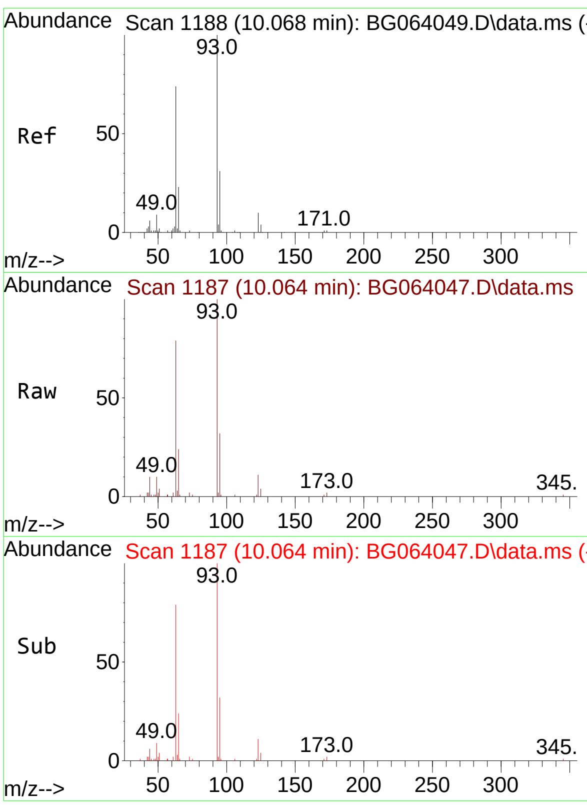


#27
2,4-Dimethylphenol
Concen: 8.631 ng
RT: 9.823 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:122 Resp: 1303

Ion	Ratio	Lower	Upper
122	100		
107	133.3	95.4	143.0
121	58.6	44.9	67.3

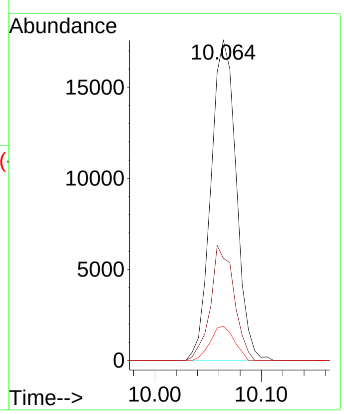




#28
bis(2-Chloroethoxy)methane
Concen: 9.488 ng
RT: 10.064 min Scan# 1187
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion: 93 Resp: 28970

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.0	37.4
123	10.7	7.6	11.4



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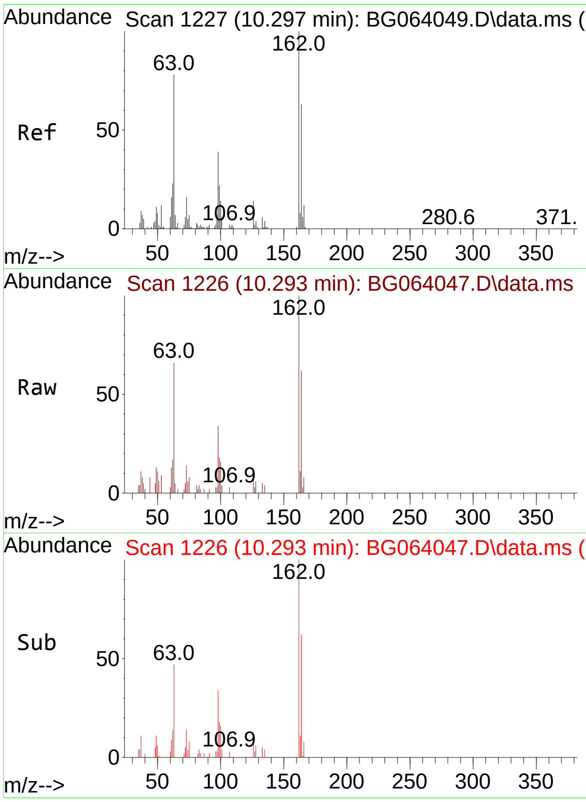
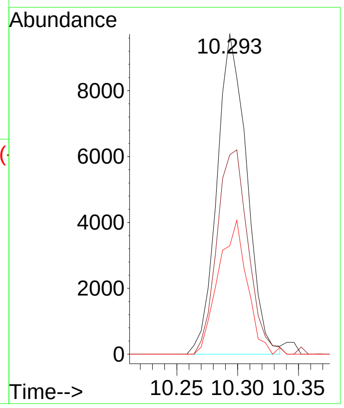


#29
2,4-Dichlorophenol
Concen: 8.726 ng
RT: 10.293 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:162 Resp: 1663

Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.8	82.8
98	33.9	19.1	59.1



Instrument :
BNA_G
ClientSampleId :
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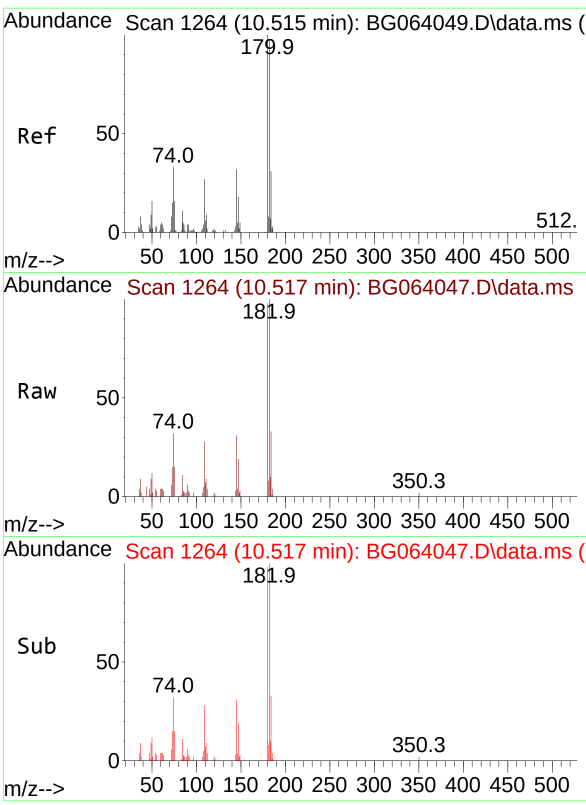
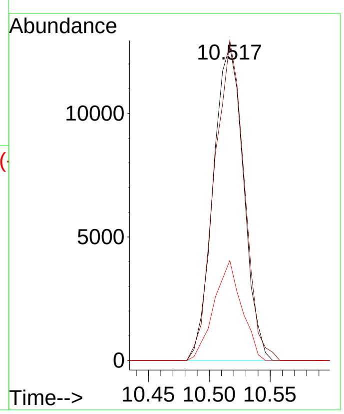


#30
1,2,4-Trichlorobenzene
Concen: 9.579 ng
RT: 10.517 min Scan# 1264
Delta R.T. 0.002 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:180 Resp: 22045

Ion	Ratio	Lower	Upper
180	100		
182	101.7	77.3	115.9
145	31.8	25.2	37.8



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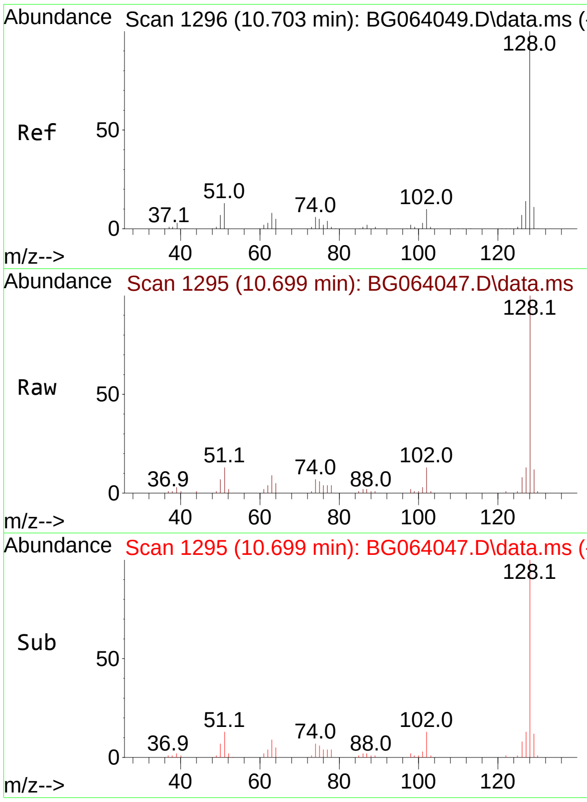

#31
Naphthalene
Concen: 9.669 ng
RT: 10.699 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:128 Resp: 7249

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.4	12.6
127	13.4	11.1	16.7

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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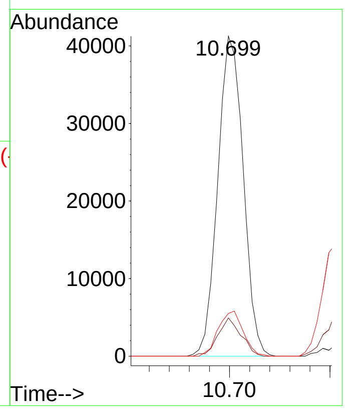
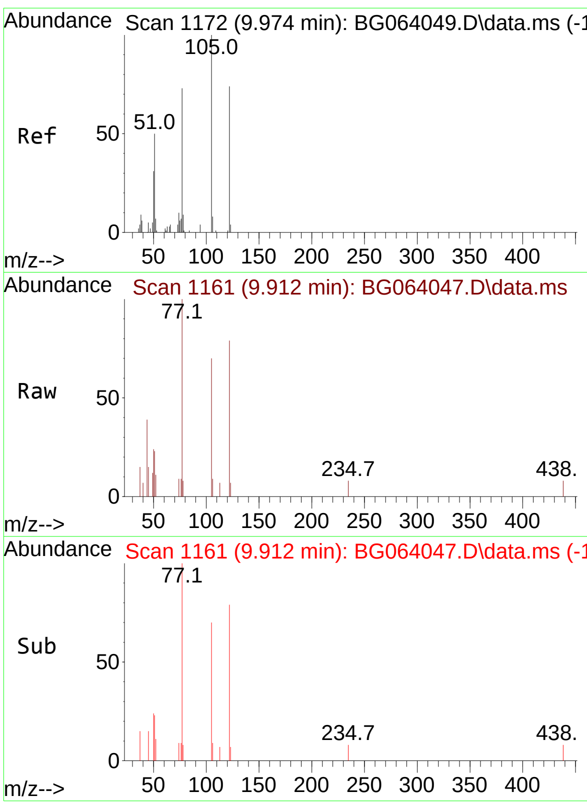
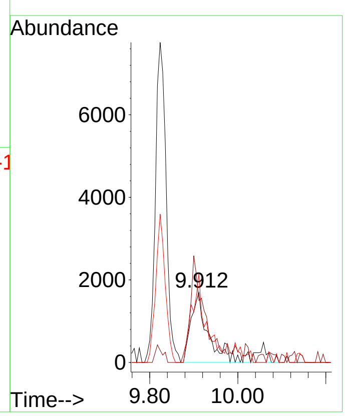




#32
Benzoic acid
Concen: 11.884 ng m
RT: 9.912 min Scan# 1161
Delta R.T. -0.062 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:122 Resp: 5442

Ion	Ratio	Lower	Upper
122	100		
105	88.5	115.0	155.0#
77	126.7	80.9	120.9#



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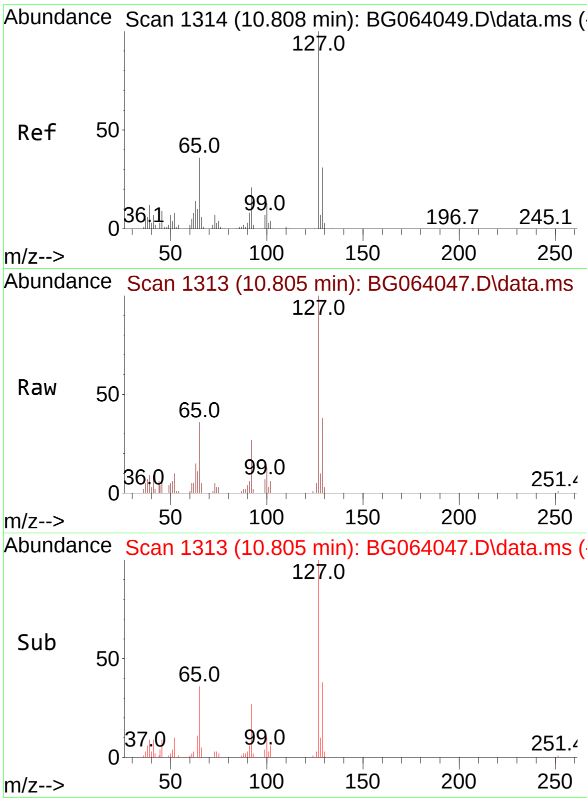

#33
4-Chloroaniline
Concen: 9.226 ng
RT: 10.805 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 2528

Ion	Ratio	Lower	Upper
127	100		
129	38.0	25.0	37.4#
65	36.3	28.5	42.7
92	26.6	16.5	24.7#

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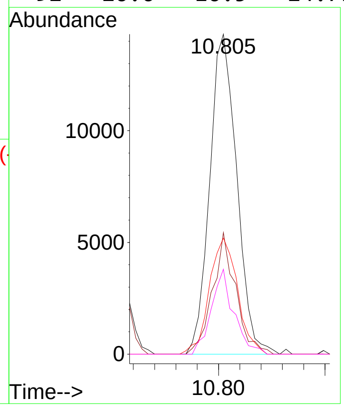
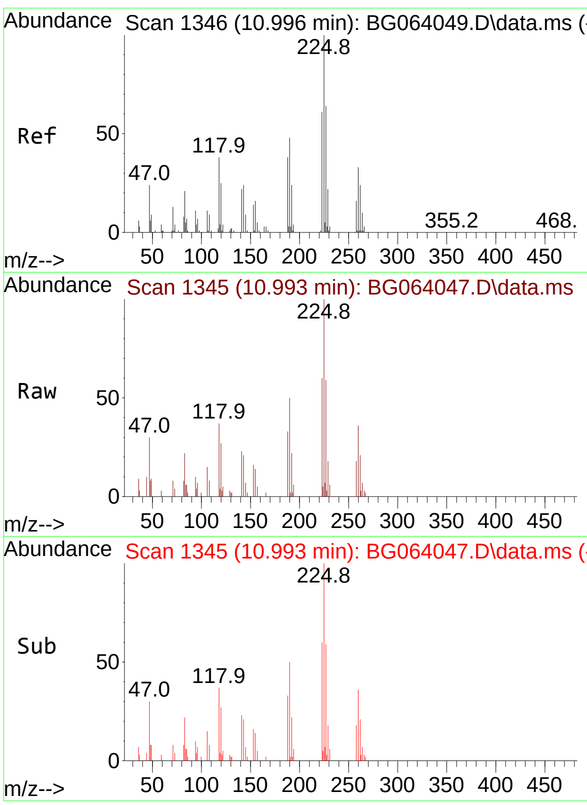
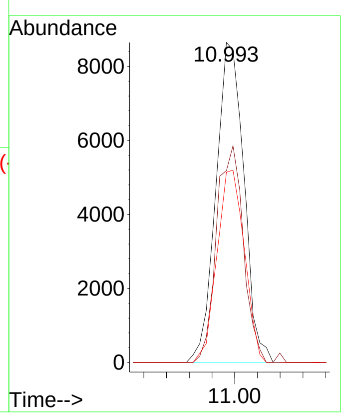




#34
Hexachlorobutadiene
Concen: 9.830 ng
RT: 10.993 min Scan# 1345
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:225 Resp: 14828

Ion	Ratio	Lower	Upper
225	100		
223	60.0	48.5	72.7
227	62.9	51.0	76.6



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Instrument :
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ClientSampleId :
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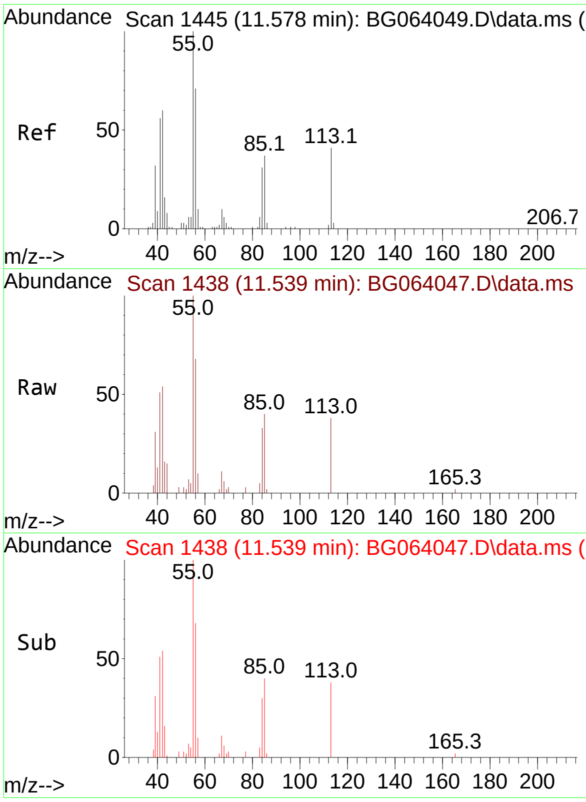
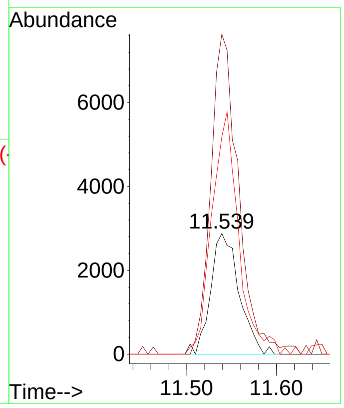
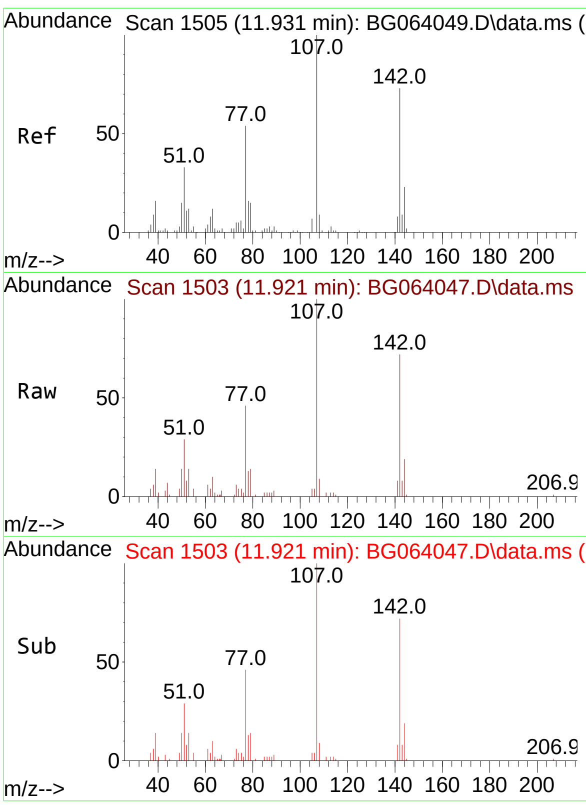
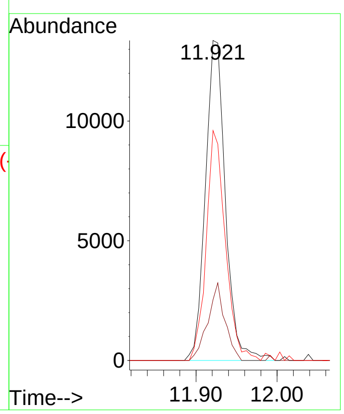


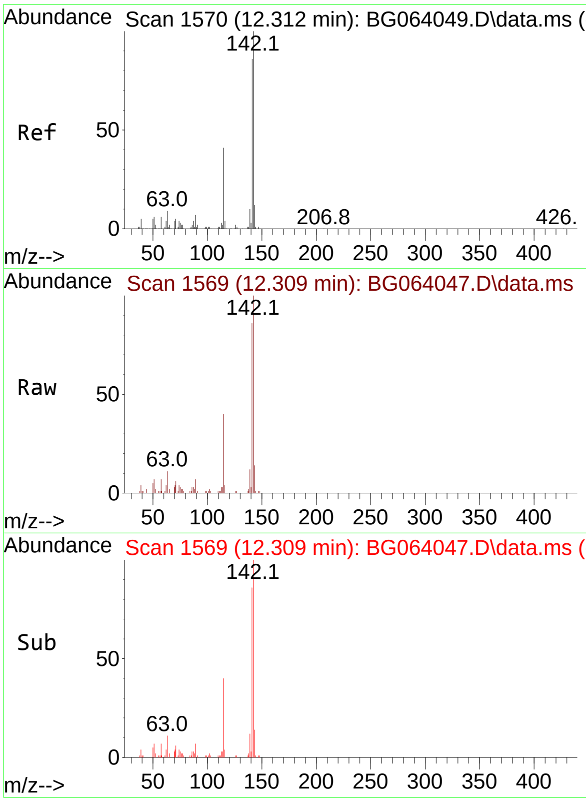

```
#35
Caprolactam
Concen:    8.702 ng
RT:  11.539 min  Scan# 14
Delta R.T.  -0.039 min
Lab File:   BG064047.D
Acq:  5 Mar 2025  10:22

Tgt Ion:113 Resp:    635
Ion  Ratio  Lower  Upper
113  100
 55  265.4  225.2  265.2#
 56  180.2  153.4  193.4
```






```
#36
4-Chloro-3-methylphenol
Concen:    9.192 ng
RT:  11.921 min  Scan# 1503
Delta R.T.  -0.010 min
Lab File:   BG064047.D
Acq:  5 Mar 2025  10:22

Tgt Ion:107 Resp:   22970
Ion  Ratio  Lower  Upper
107  100
144   19.0   18.6   28.0
142   71.8   58.0   87.0
```





#37
2-Methylnaphthalene
Concen: 9.552 ng
RT: 12.309 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:142 Resp: 5055

Ion	Ratio	Lower	Upper
142	100		
141	85.8	68.6	103.0
115	40.3	32.8	49.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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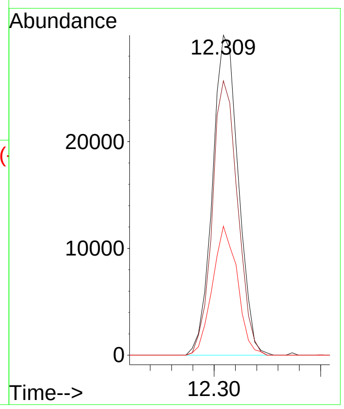
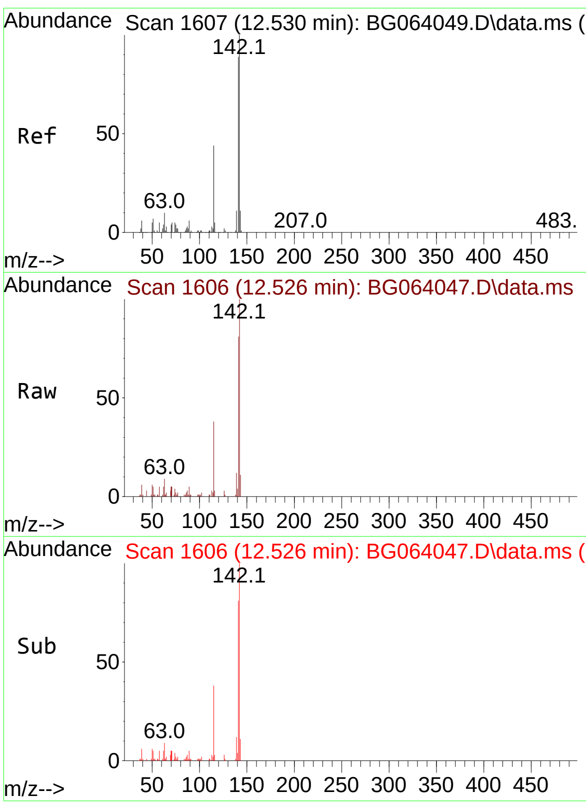
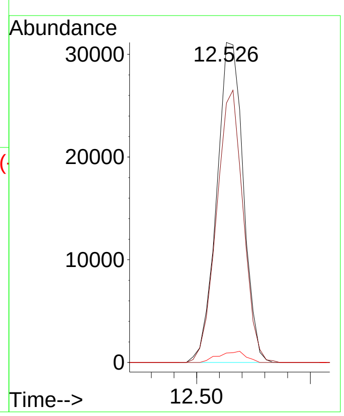


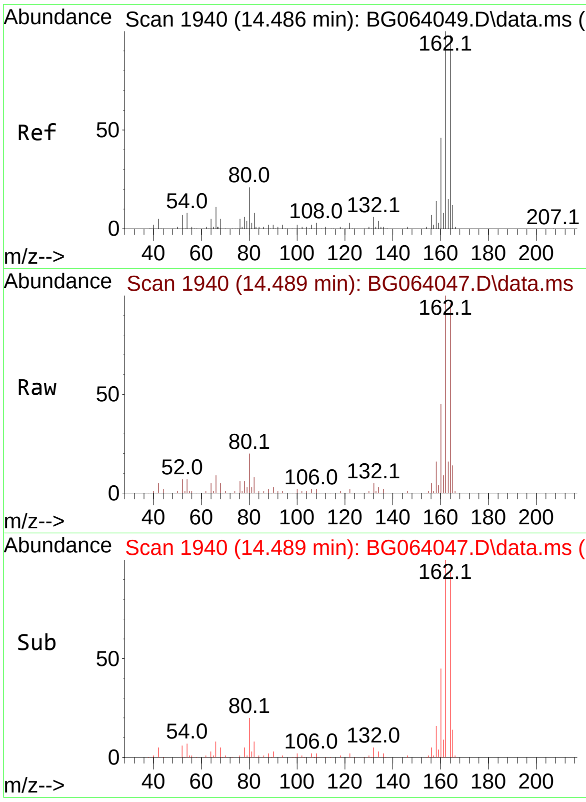


#38
1-Methylnaphthalene
Concen: 9.762 ng
RT: 12.526 min Scan# 1606
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:142 Resp: 50620

Ion	Ratio	Lower	Upper
142	100		
141	81.1	71.2	106.8
116	3.0	3.6	5.4#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.489 min Scan# 19
Delta R.T. 0.003 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:164 Resp: 93751

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.4	122.0
160	46.5	37.0	55.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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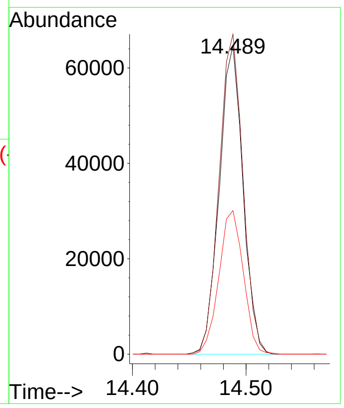
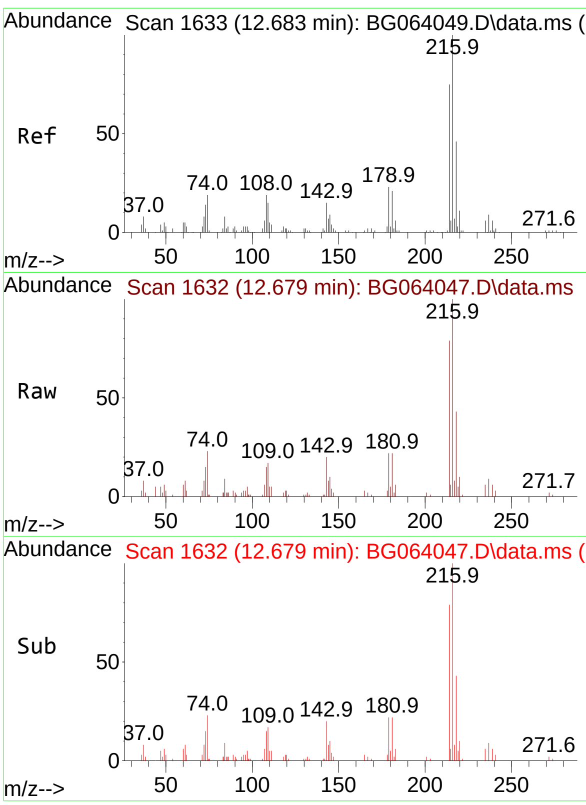
Supervised By :mohammad ahmed 03/07/2025

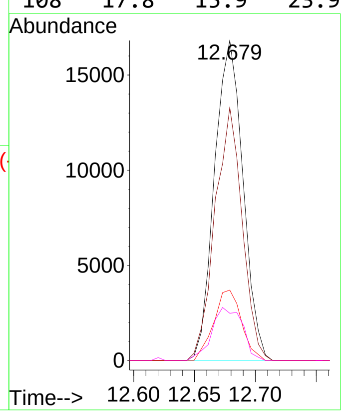


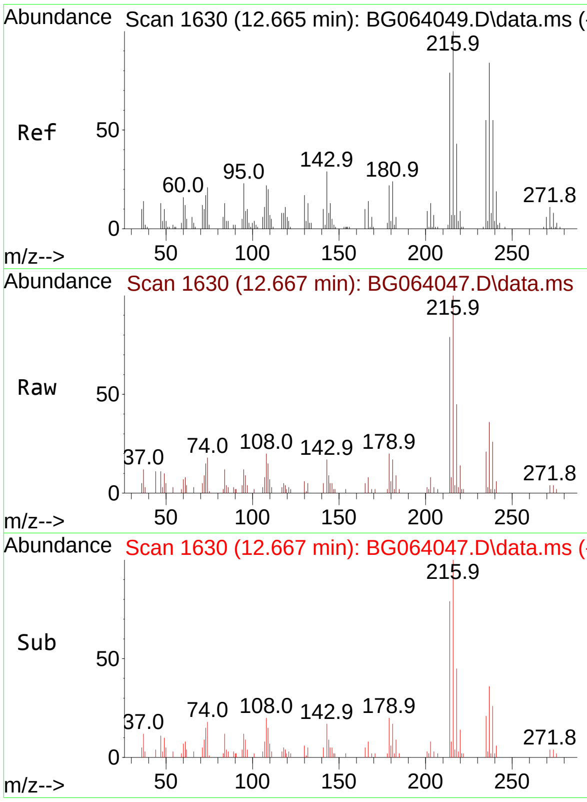


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.232 ng
RT: 12.679 min Scan# 1632
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:216 Resp: 27386

Ion	Ratio	Lower	Upper
216	100		
214	75.7	61.7	92.5
179	21.6	17.9	26.9
108	17.8	15.9	23.9





#41
Hexachlorocyclopentadiene
Concen: 7.985 ng
RT: 12.667 min Scan# 1(
Delta R.T. 0.002 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:237 Resp: 601

Ion	Ratio	Lower	Upper
237	100		
235	57.9	46.0	86.0
272	10.2	0.0	32.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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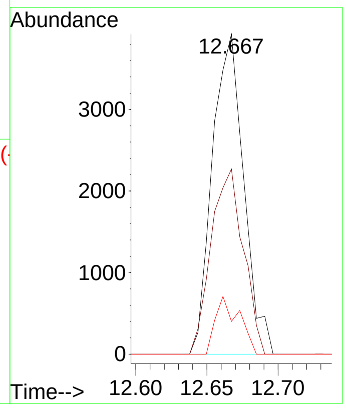
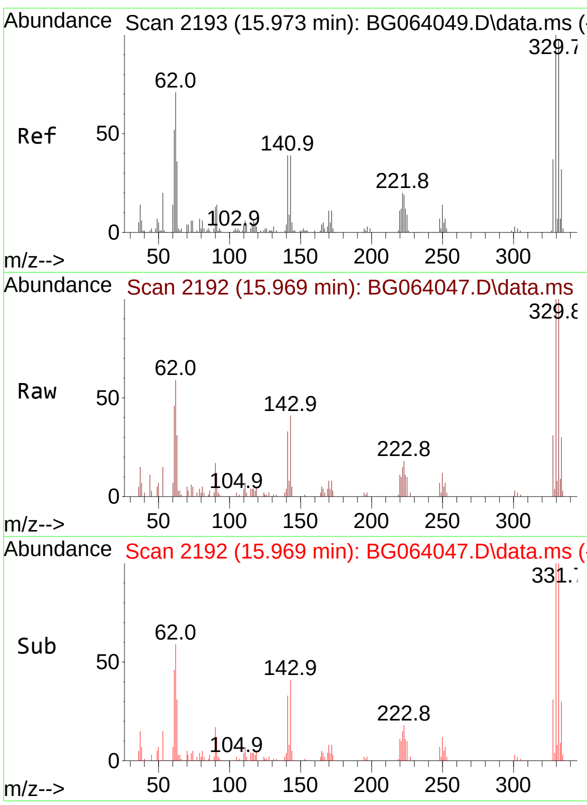
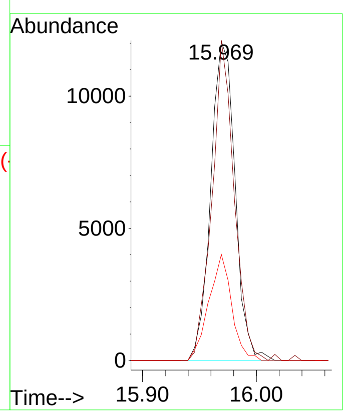


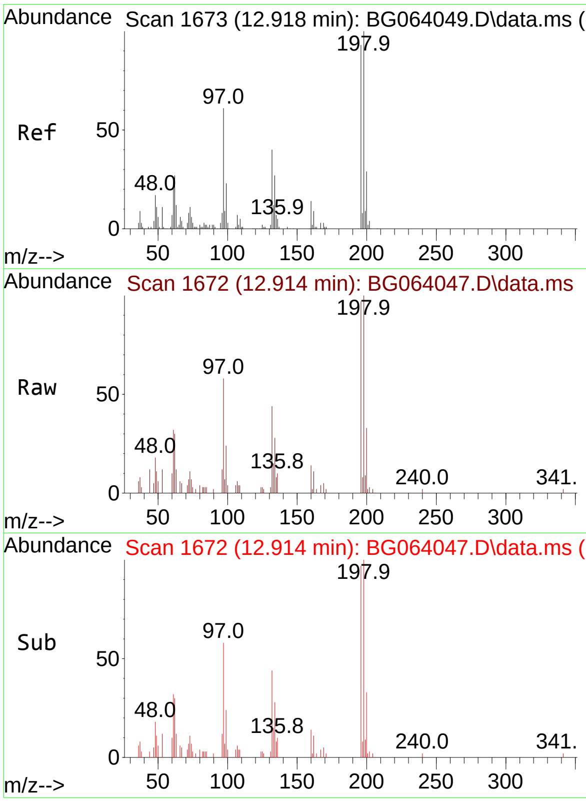


#42
2,4,6-Tribromophenol
Concen: 17.174 ng
RT: 15.969 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:330 Resp: 17898

Ion	Ratio	Lower	Upper
330	100		
332	91.7	76.7	115.1
141	31.2	29.7	44.5

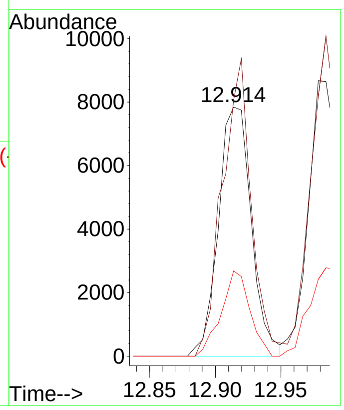




#43
2,4,6-Trichlorophenol
Concen: 8.693 ng
RT: 12.914 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:196 Resp: 1371

Ion	Ratio	Lower	Upper
196	100		
198	102.8	85.6	128.4
200	36.2	24.6	37.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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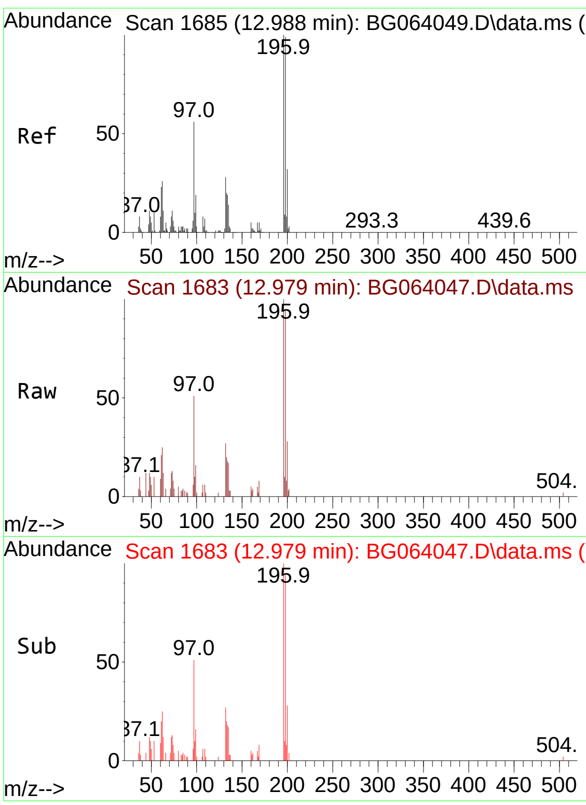
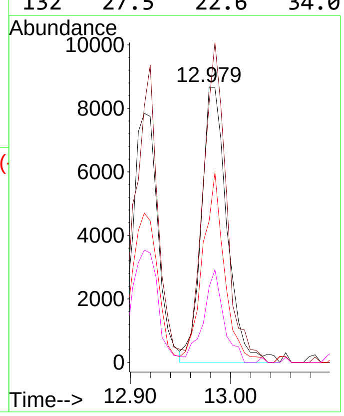


#44
2,4,5-Trichlorophenol
Concen: 8.825 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:196 Resp: 15468

Ion	Ratio	Lower	Upper
196	100		
198	94.3	79.5	119.3
97	51.4	45.2	67.8
132	27.5	22.6	34.0



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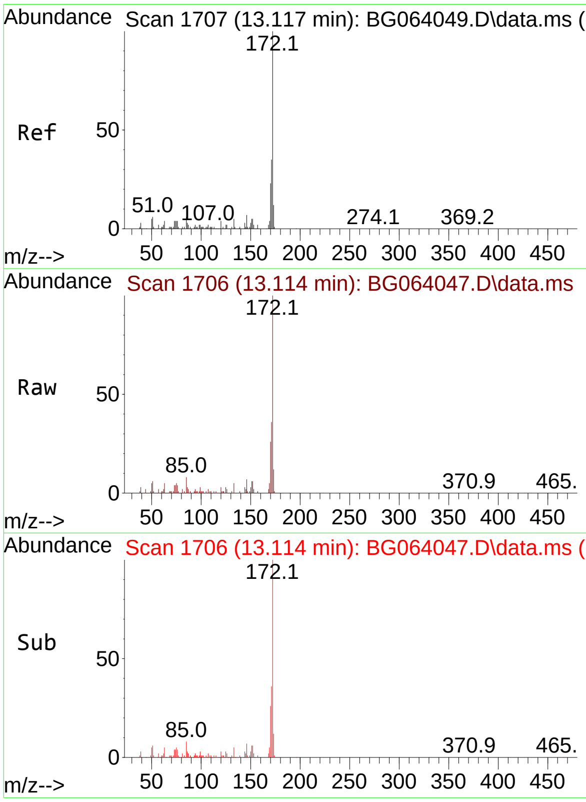

#45
2-Fluorobiphenyl
Concen: 19.881 ng
RT: 13.114 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:172 Resp: 12279

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.0	42.0
170	25.9	18.7	28.1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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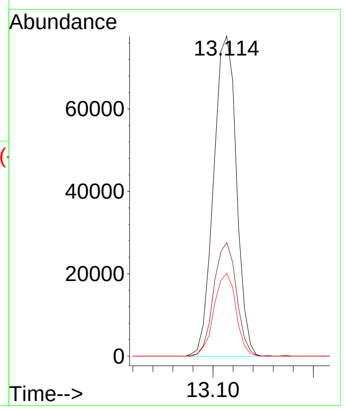
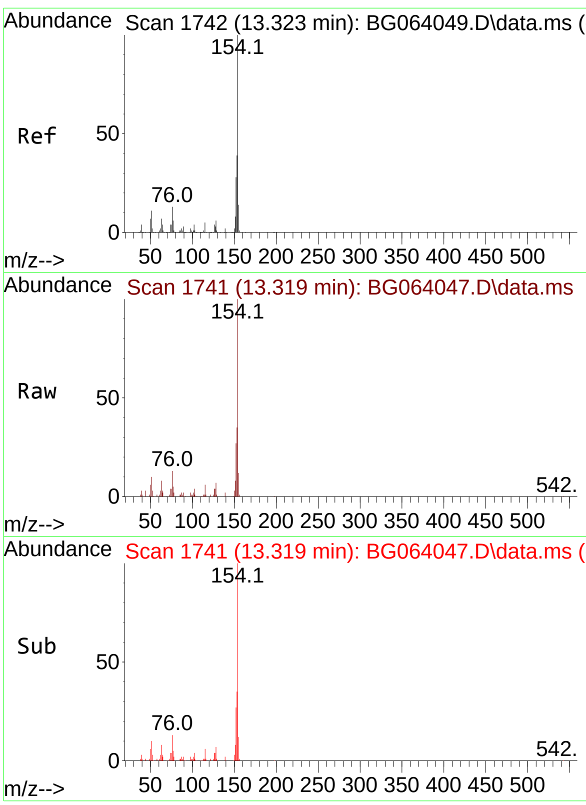
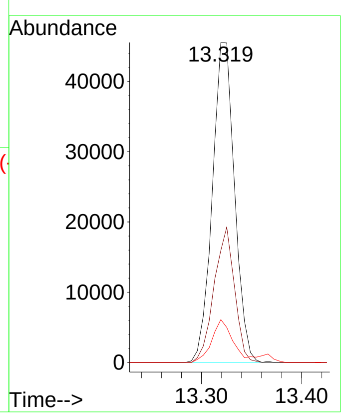


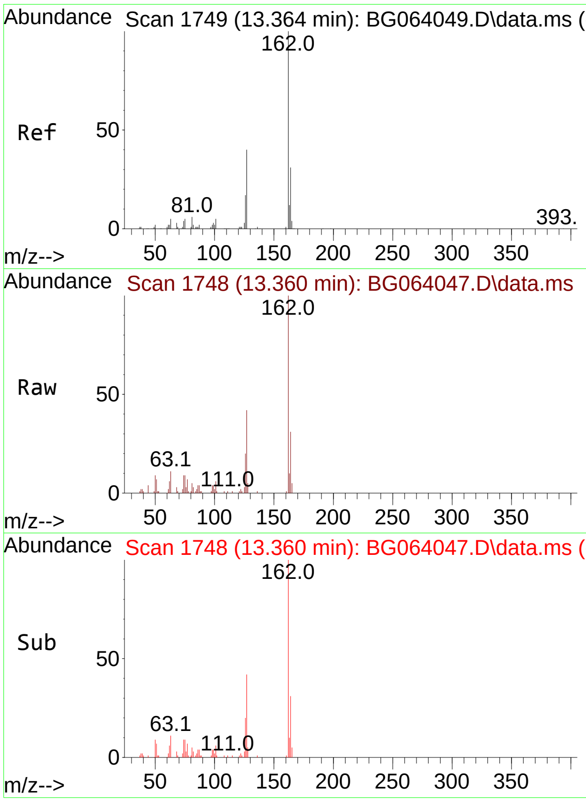


#46
1,1'-Biphenyl
Concen: 9.918 ng
RT: 13.319 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:154 Resp: 70250

Ion	Ratio	Lower	Upper
154	100		
153	35.0	19.5	59.5
76	13.4	0.0	33.5





#47
2-Chloronaphthalene
Concen: 9.755 ng
RT: 13.360 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 5039

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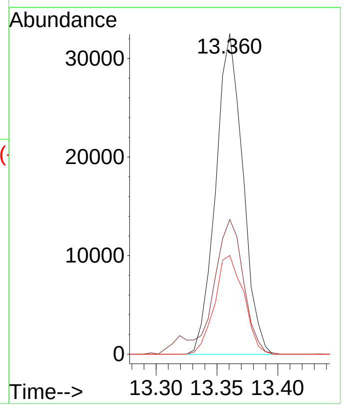
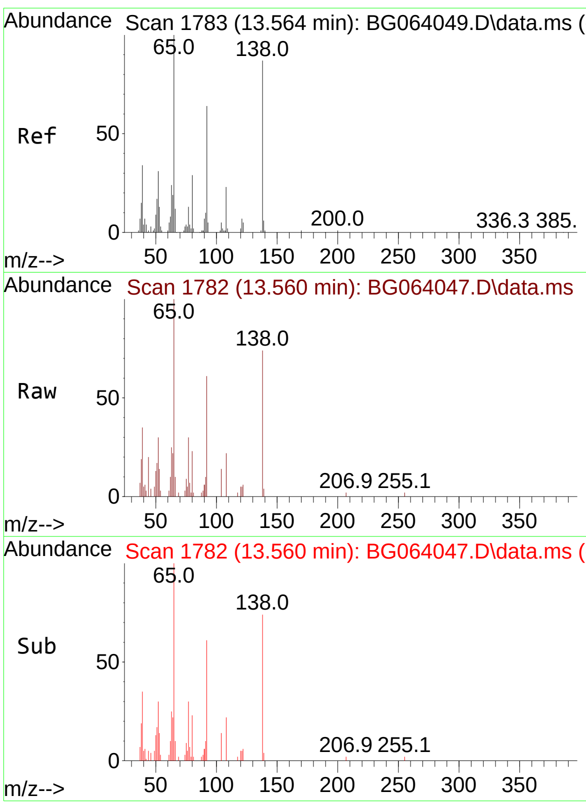
Ion	Ratio	Lower	Upper
162	100		
127	42.1	35.0	52.4
164	30.8	25.0	37.6

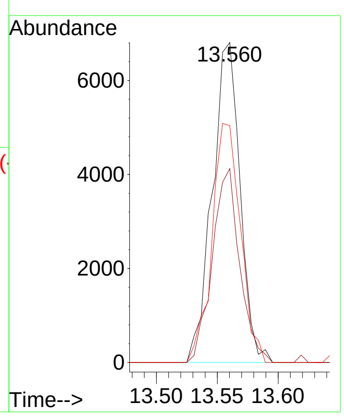




#48
2-Nitroaniline
Concen: 9.850 ng
RT: 13.560 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion: 65 Resp: 10834

Ion	Ratio	Lower	Upper
65	100		
92	60.6	51.2	76.8
138	74.0	69.4	104.2



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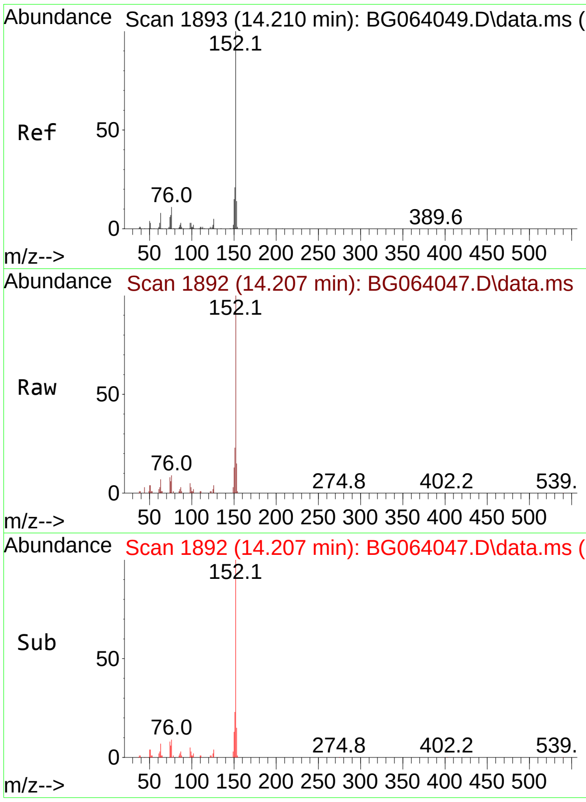
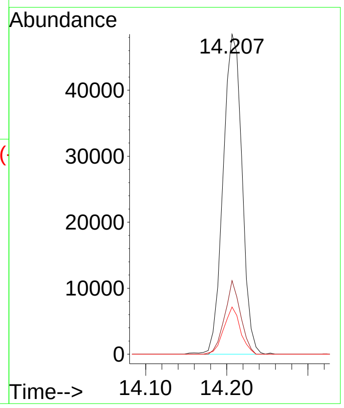


#49
Acenaphthylene
Concen: 9.621 ng
RT: 14.207 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:152 Resp: 7861

Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.4	24.6
153	14.8	10.9	16.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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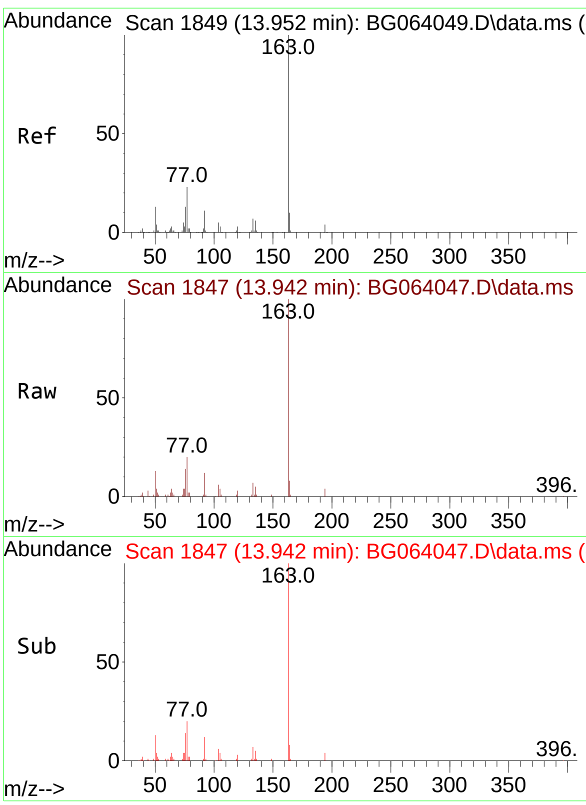
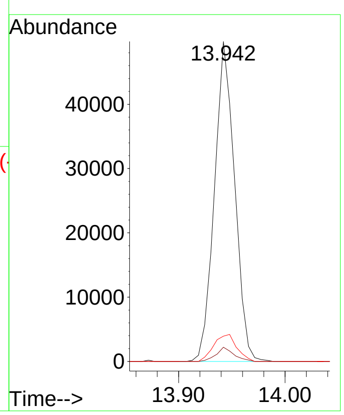


#50
Dimethylphthalate
Concen: 9.487 ng
RT: 13.942 min Scan# 1847
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:163 Resp: 65659

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.8	4.2#
164	7.9	8.2	12.2#



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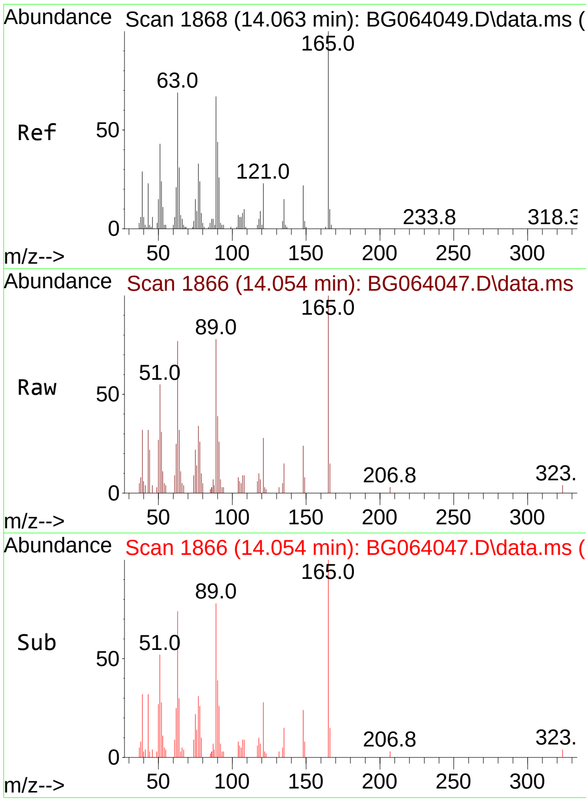

#51
2,6-Dinitrotoluene
Concen: 9.566 ng
RT: 14.054 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 937

Ion	Ratio	Lower	Upper
165	100		
63	76.6	56.7	85.1
89	78.0	53.7	80.5

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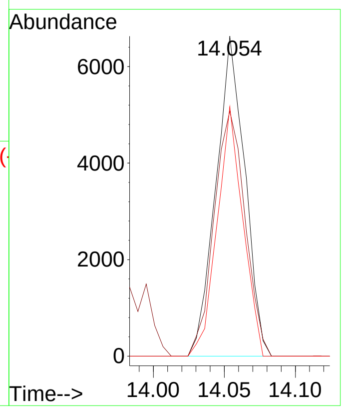
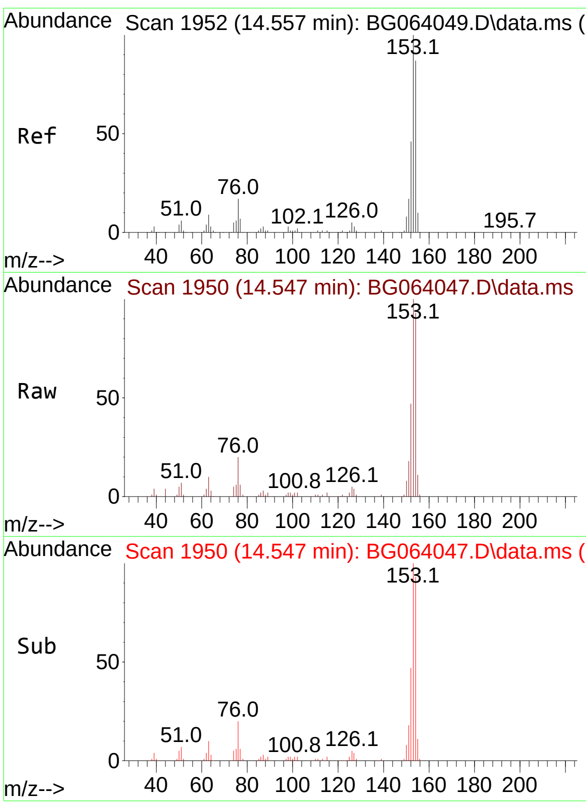
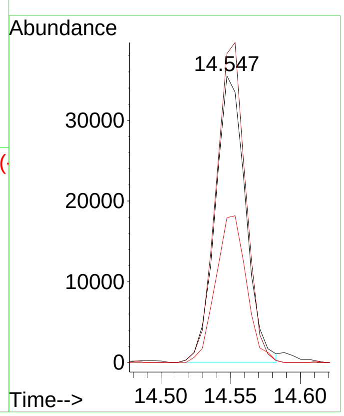




#52
Acenaphthene
Concen: 9.797 ng m
RT: 14.547 min Scan# 1950
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:154 Resp: 53833

Ion	Ratio	Lower	Upper
154	100		
153	107.8	91.6	137.4
152	50.6	42.5	63.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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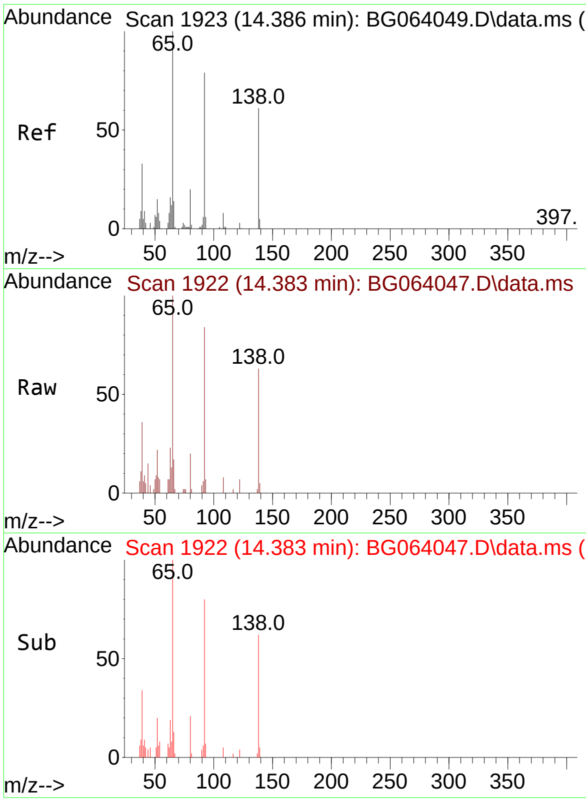
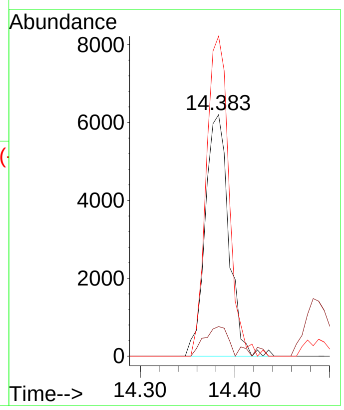
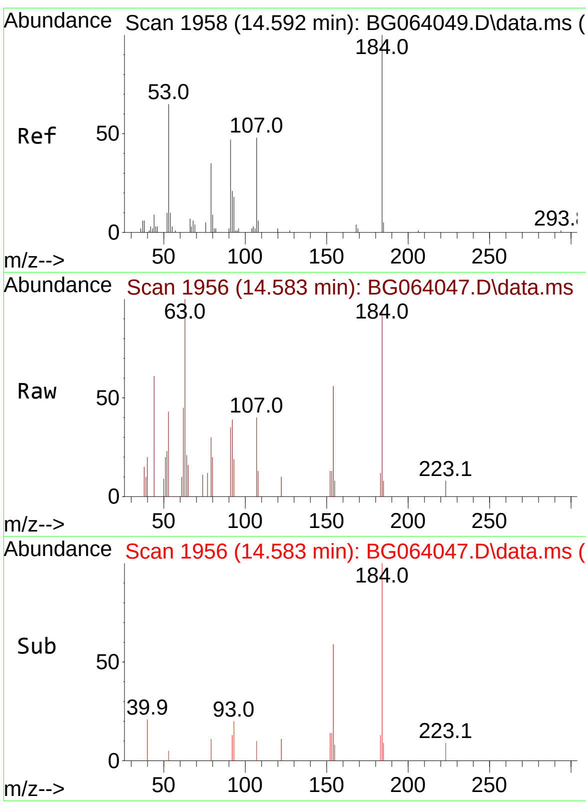


#53
3-Nitroaniline
Concen: 7.997 ng
RT: 14.383 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:138 Resp: 1069

Ion	Ratio	Lower	Upper
138	100		
108	12.3	10.1	15.1
92	132.5	104.1	156.1

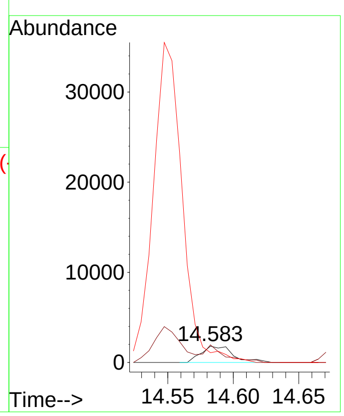




#54
2,4-Dinitrophenol
Concen: 12.640 ng
RT: 14.583 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:184 Resp: 3090

Ion	Ratio	Lower	Upper
184	100		
63	106.9	57.5	86.3#
154	59.5	52.3	78.5



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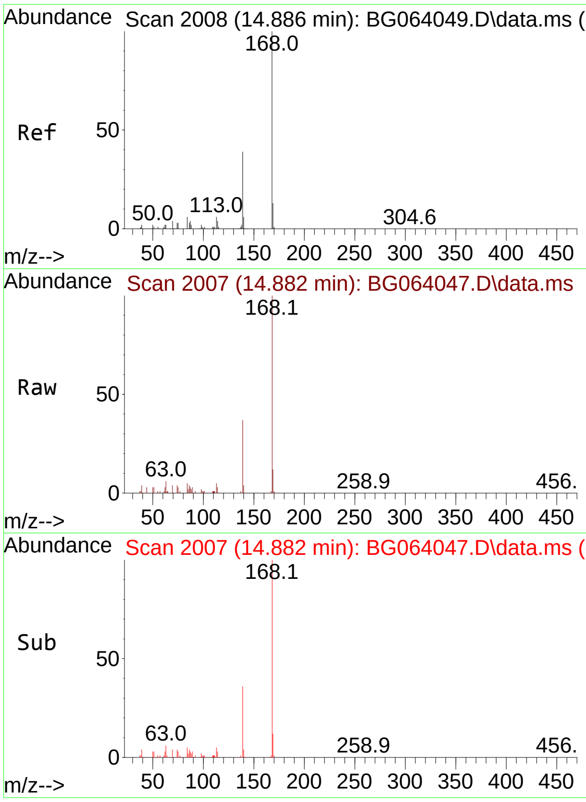

#55
Dibenzofuran
Concen: 9.924 ng
RT: 14.882 min Scan# 2(
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 8816

Ion	Ratio	Lower	Upper
168	100		
139	36.7	31.1	46.7
169	12.0	10.5	15.7

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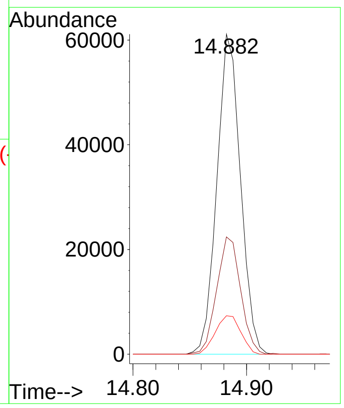
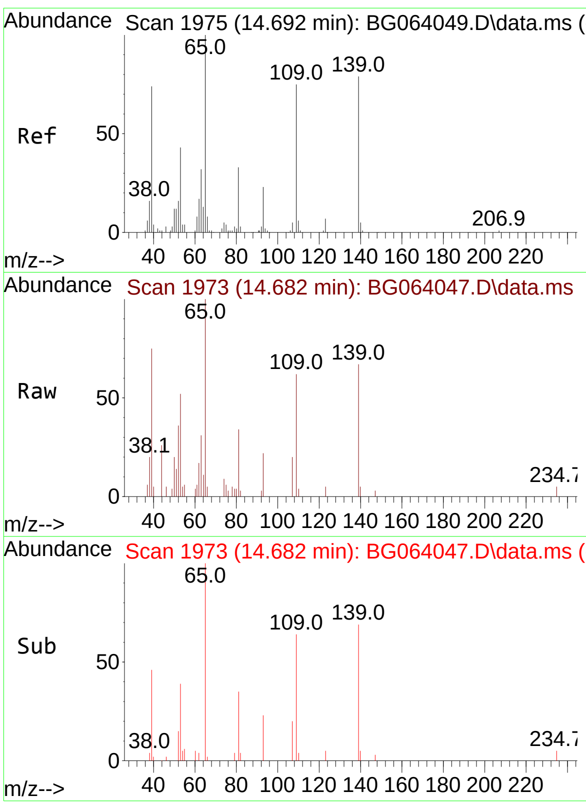
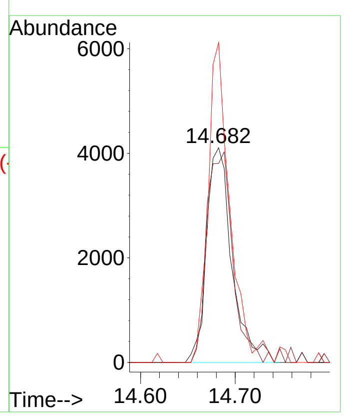




#56
4-Nitrophenol
Concen: 6.849 ng
RT: 14.682 min Scan# 1973
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:139 Resp: 7683

Ion	Ratio	Lower	Upper
139	100		
109	92.7	74.9	114.9
65	149.0	106.8	146.8#



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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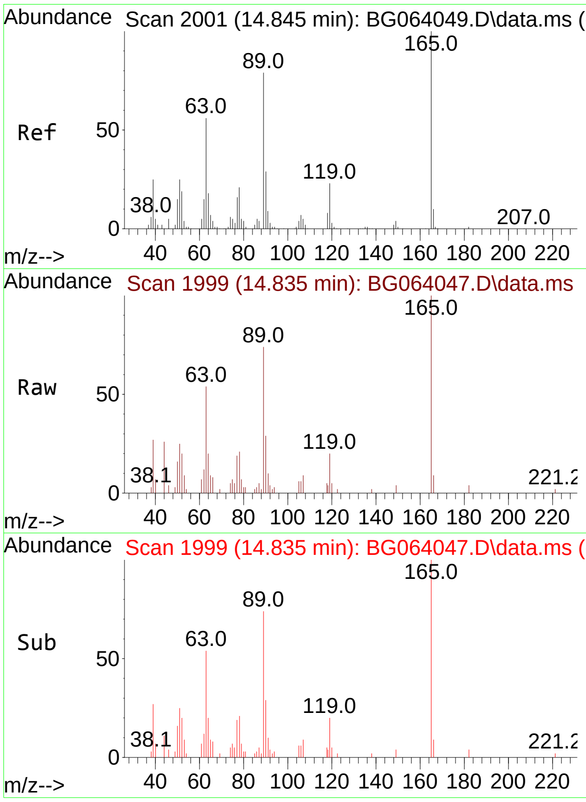
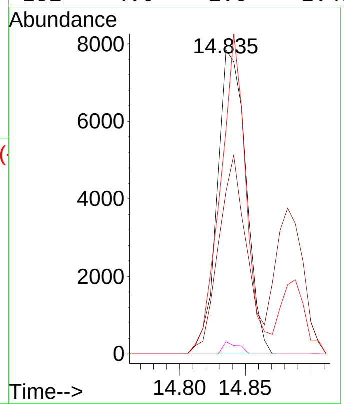
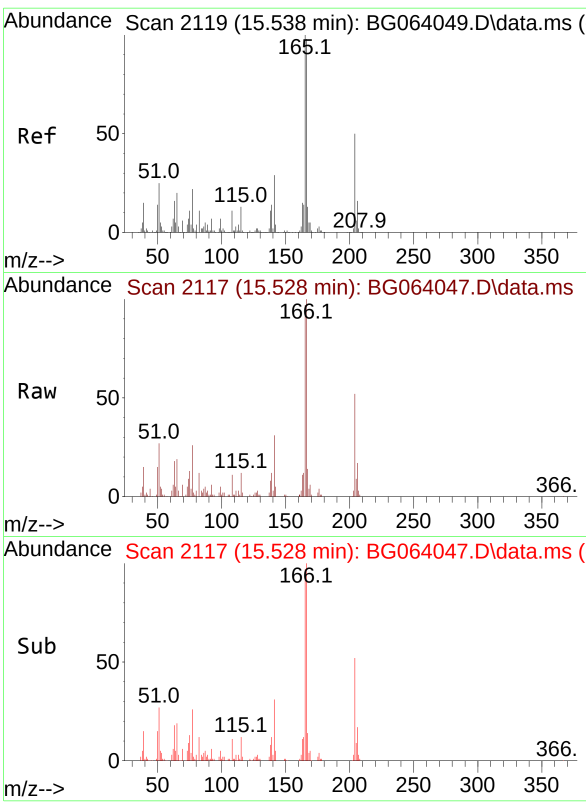


#57
2,4-Dinitrotoluene
Concen: 9.344 ng
RT: 14.835 min Scan# 19
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:165 Resp: 1194

Ion	Ratio	Lower	Upper
165	100		
63	53.5	45.0	67.6
89	74.0	63.1	94.7
182	4.0	1.0	1.4#

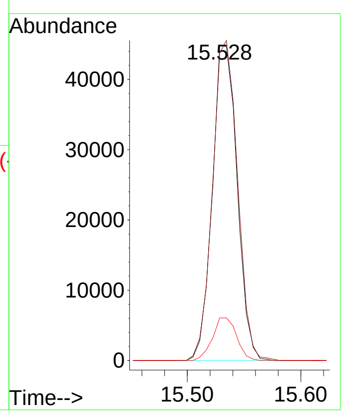




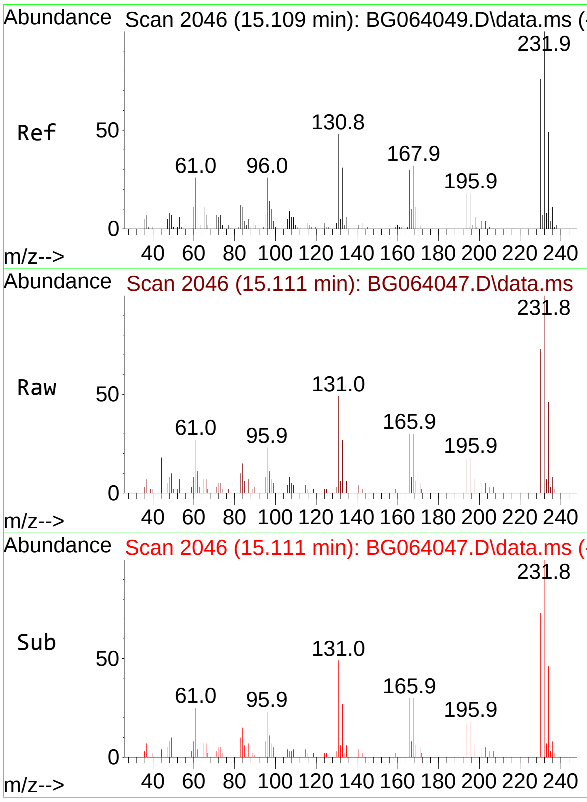
#58
Fluorene
Concen: 9.821 ng
RT: 15.528 min Scan# 2117
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:166 Resp: 67954

Ion	Ratio	Lower	Upper
166	100		
165	97.4	81.8	122.8
167	13.5	10.8	16.2



ICAL Form



#59
2,3,4,6-Tetrachlorophenol
Concen: 8.943 ng
RT: 15.111 min Scan# 2046
Delta R.T. 0.002 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 1528

Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.3	54.5
130	2.2	1.9	2.9
166	29.5	22.8	34.2

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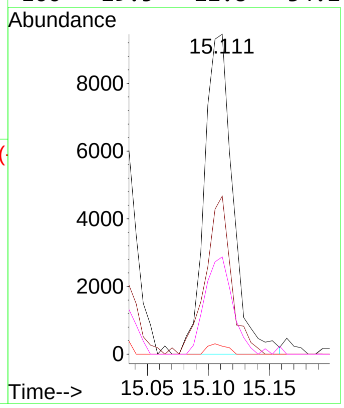
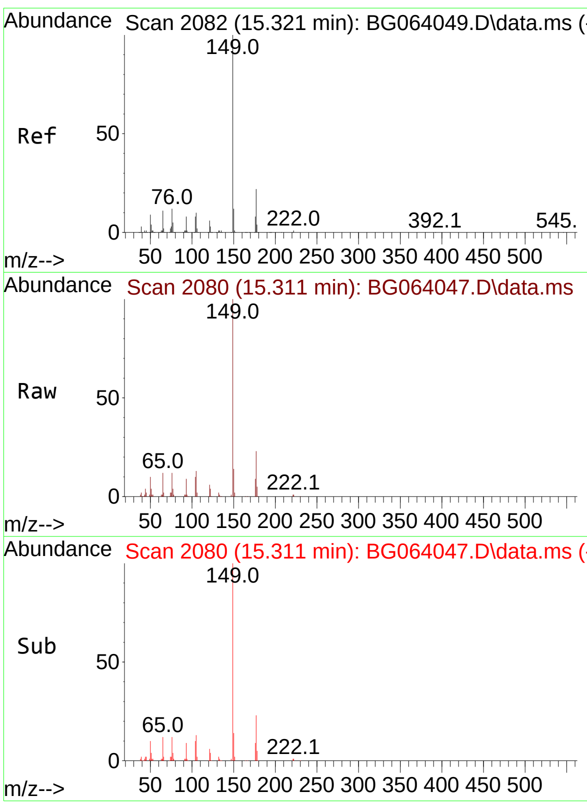
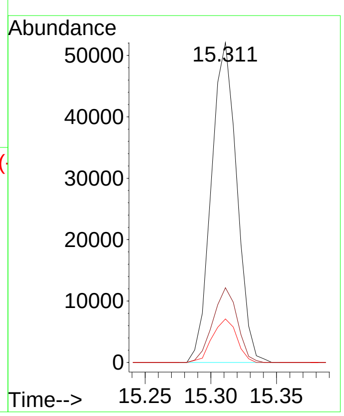




#60
Diethylphthalate
Concen: 9.363 ng
RT: 15.311 min Scan# 2080
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:149 Resp: 70346

Ion	Ratio	Lower	Upper
149	100		
177	23.4	17.4	26.2
150	13.6	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
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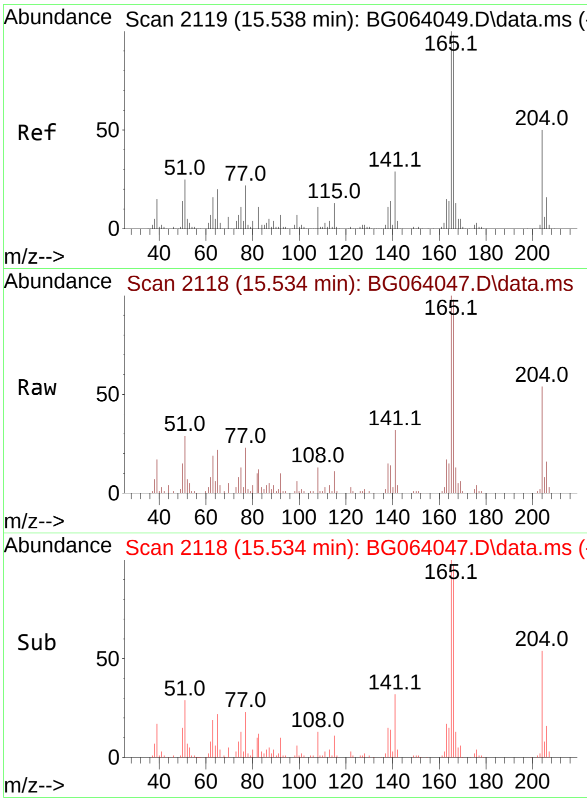
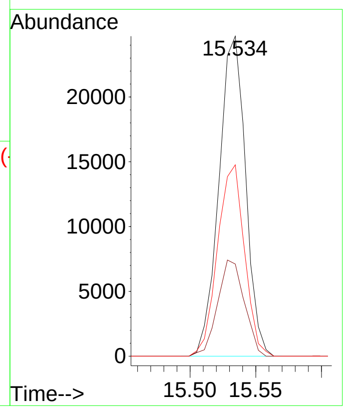
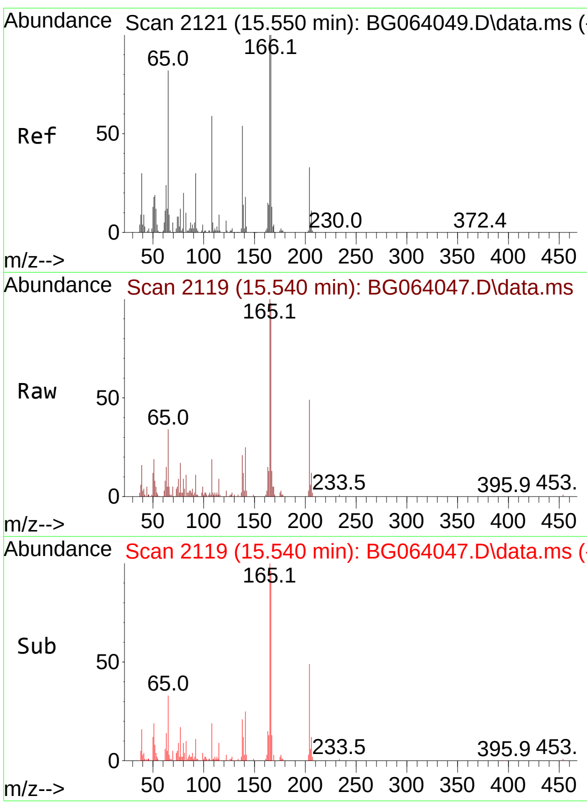
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

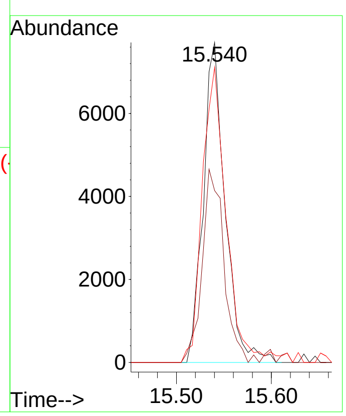



```
#61
4-Chlorophenyl-phenylether
Concen:   10.139 ng
RT:  15.534 min  Scan# 2
Delta R.T.  -0.004 min
Lab File:   BG064047.D
Acq:  5 Mar 2025  10:22

Tgt Ion:204 Resp:   3486
Ion  Ratio  Lower  Upper
204  100
206   28.8   25.5   38.3
141   59.8   45.4   68.0
```






```
#62
4-Nitroaniline
Concen:    8.534 ng
RT:  15.540 min  Scan# 2119
Delta R.T.  -0.010 min
Lab File:   BG064047.D
Acq:  5 Mar 2025  10:22

Tgt Ion:138 Resp:   12324
Ion  Ratio  Lower  Upper
138  100
 92   53.7   36.1   76.1
108   92.2   87.9  127.9
```



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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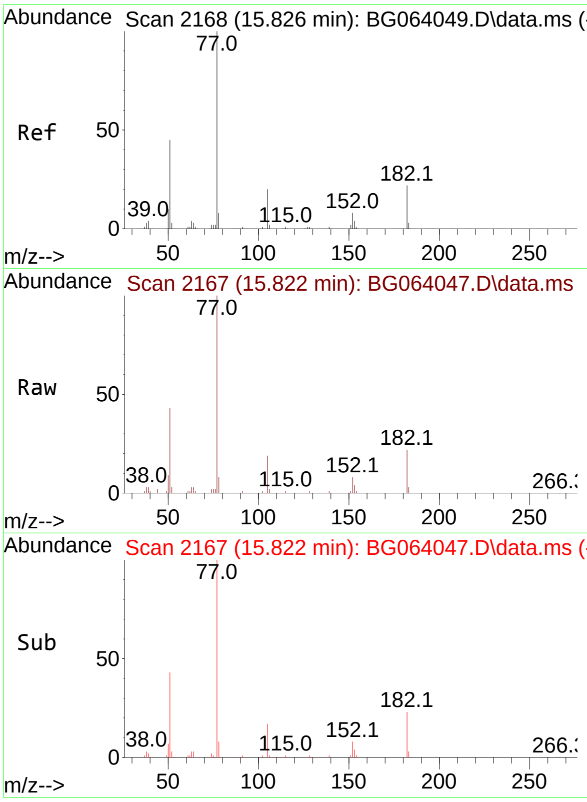
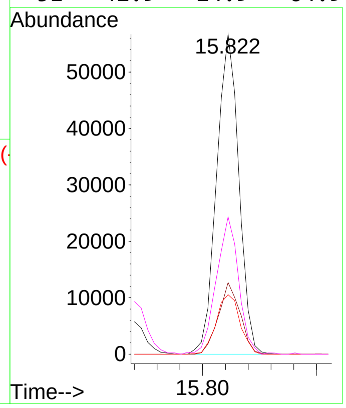
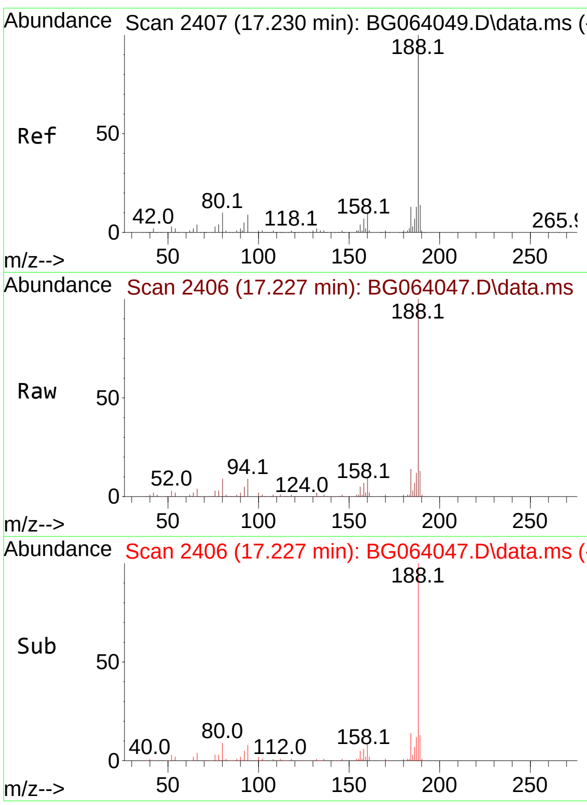


#63
Azobenzene
Concen: 9.620 ng
RT: 15.822 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion: 77 Resp: 7712

Ion	Ratio	Lower	Upper
77	100		
182	22.4	2.4	42.4
105	18.6	0.0	40.0
51	42.9	24.9	64.9

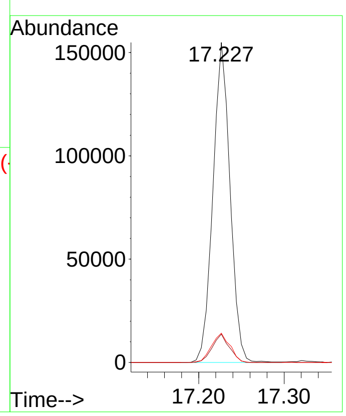




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:188 Resp: 216134

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	9.2	8.1	12.1



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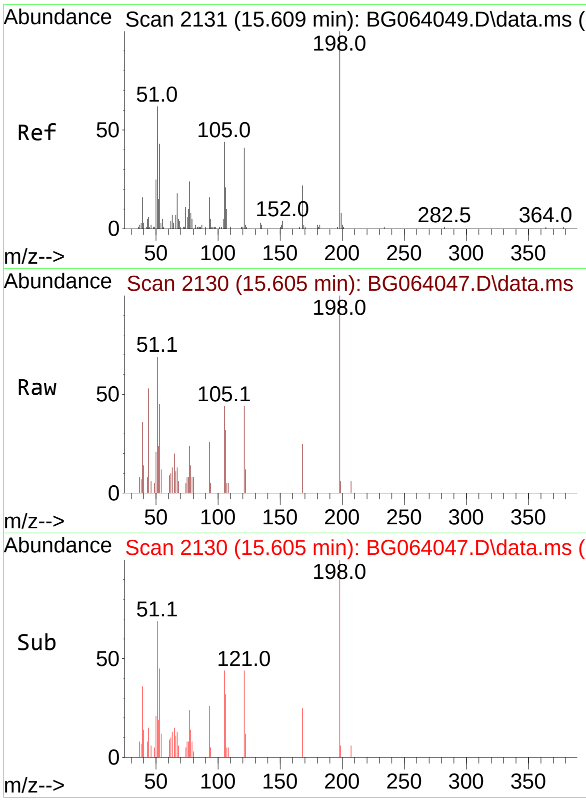
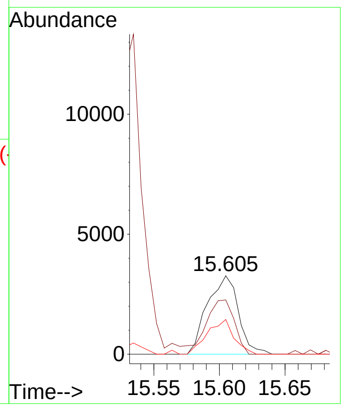
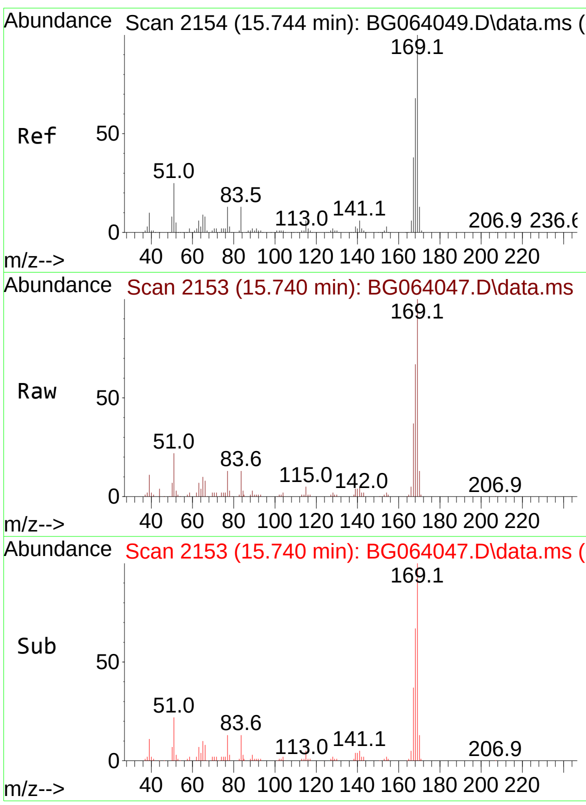


#65
4,6-Dinitro-2-methylphenol
Concen: 12.953 ng
RT: 15.605 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:198 Resp: 537

Ion	Ratio	Lower	Upper
198	100		
51	69.2	45.6	85.6
105	44.3	25.3	65.3

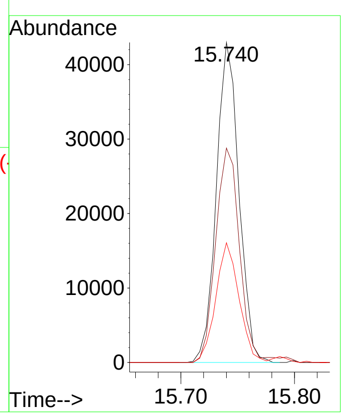




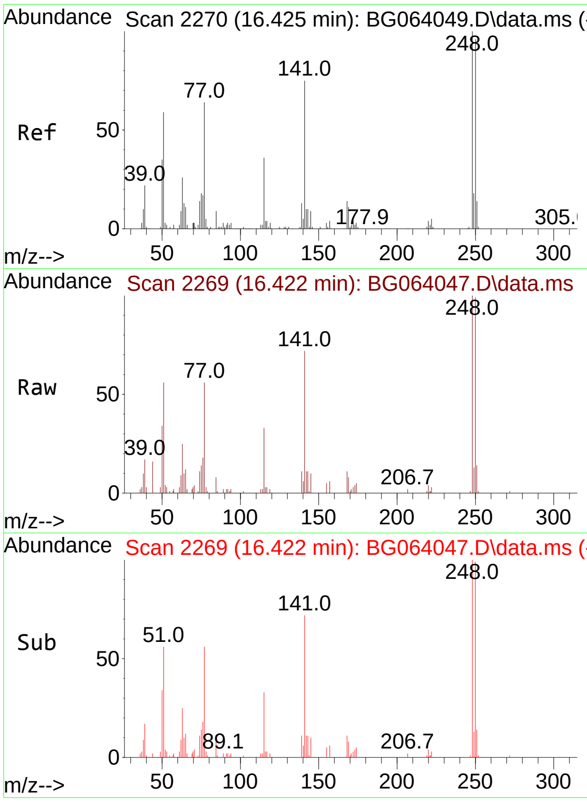
#66
n-Nitrosodiphenylamine
Concen: 9.727 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:169 Resp: 59511

Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.1	81.1
167	37.4	30.3	45.5



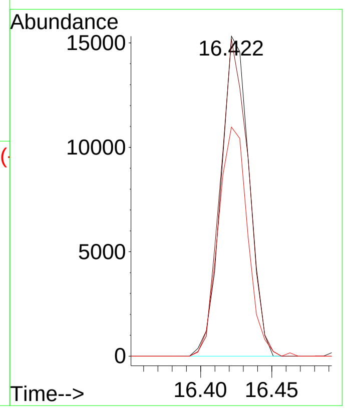
ICAL Form



#67
4-Bromophenyl-phenylether
Concen: 9.525 ng
RT: 16.422 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:248 Resp: 2108

Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.1	115.7
141	71.6	59.8	89.8



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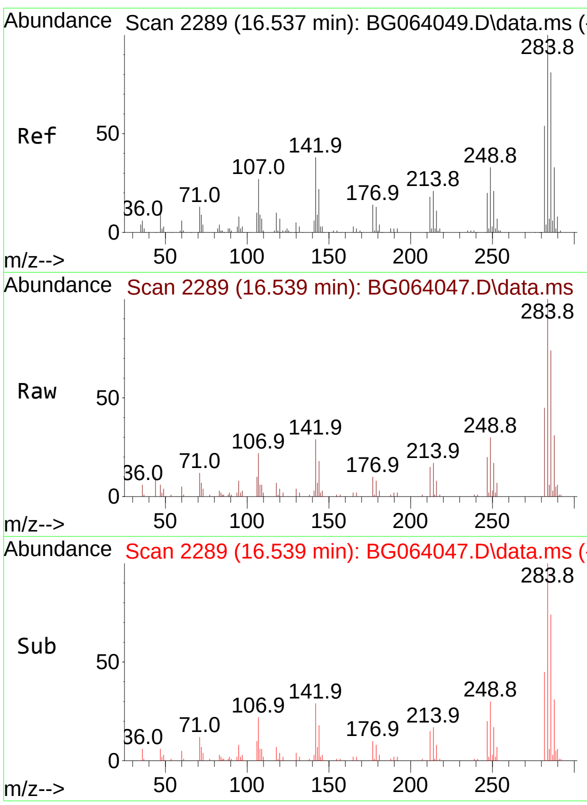
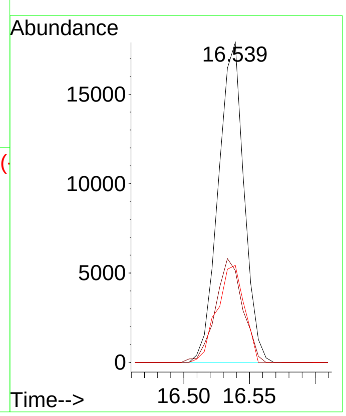


#68
Hexachlorobenzene
Concen: 9.848 ng
RT: 16.539 min Scan# 2289
Delta R.T. 0.002 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:284 Resp: 24406

Ion	Ratio	Lower	Upper
284	100		
142	28.7	30.6	45.8#
249	30.3	26.6	39.8



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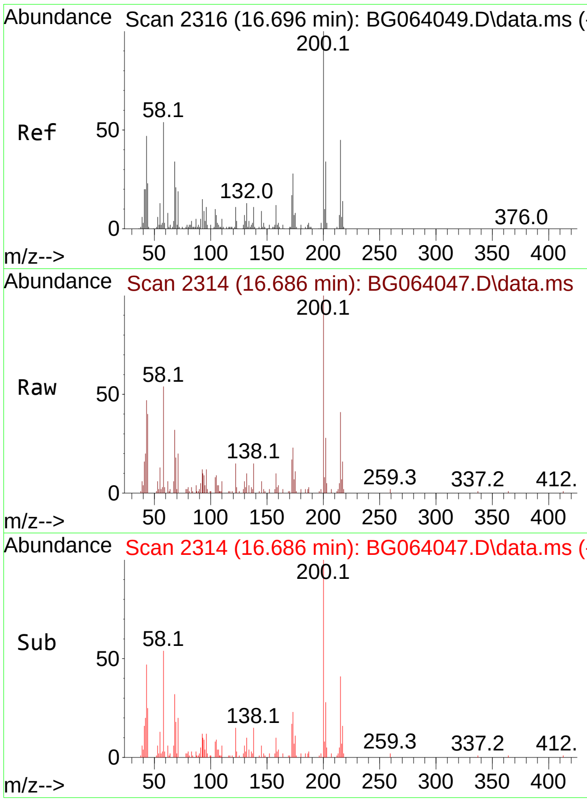

#69
Atrazine
Concen: 11.436 ng
RT: 16.686 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:200 Resp: 2058

Ion	Ratio	Lower	Upper
200	100		
173	22.7	8.2	48.2
215	41.4	25.5	65.5

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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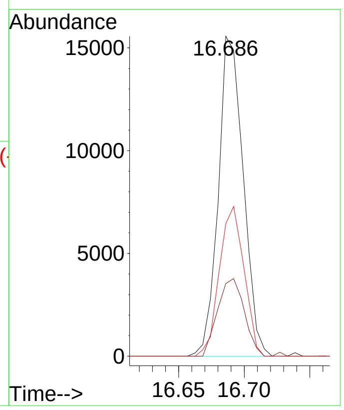
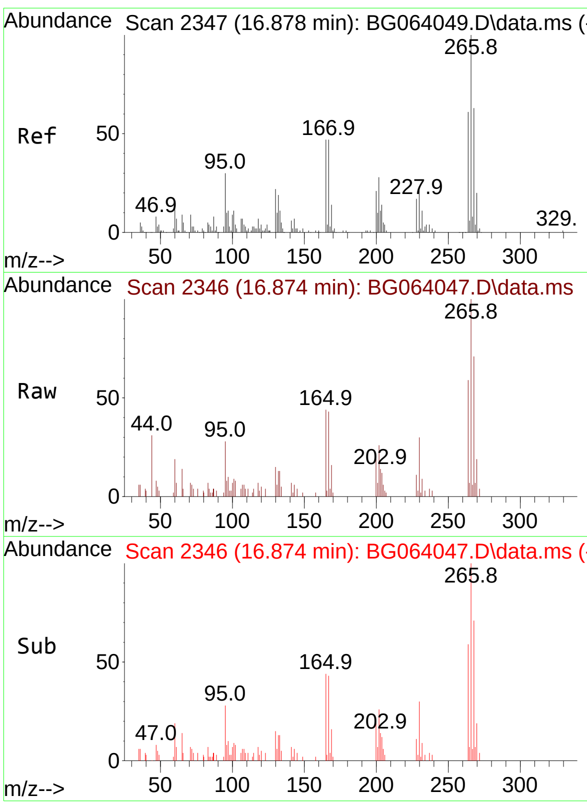
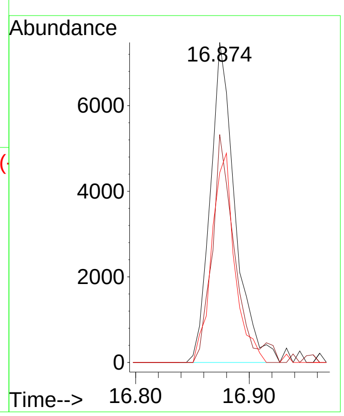


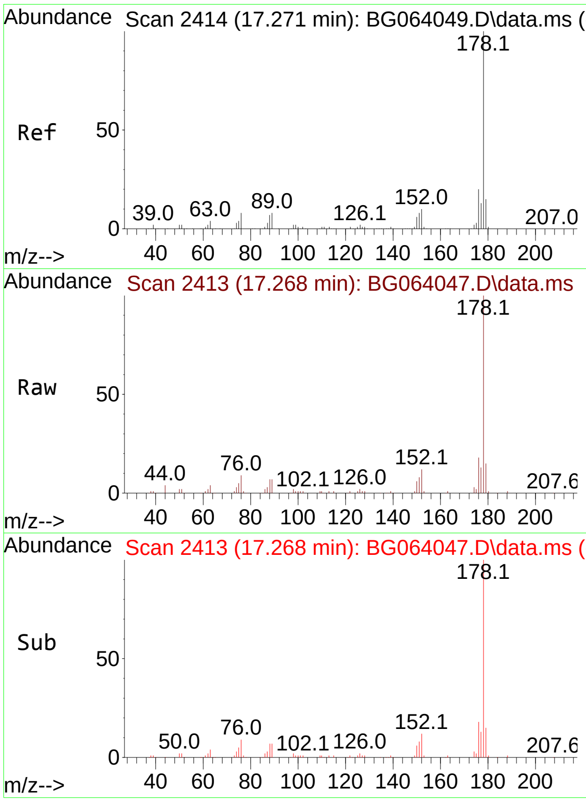


#70
Pentachlorophenol
Concen: 7.355 ng
RT: 16.874 min Scan# 2346
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:266 Resp: 11318

Ion	Ratio	Lower	Upper
266	100		
268	77.8	50.2	75.4#
264	66.2	48.9	73.3





#71
Phenanthrene
Concen: 9.694 ng
RT: 17.268 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:178 Resp: 111754

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.9	23.9
179	15.0	12.2	18.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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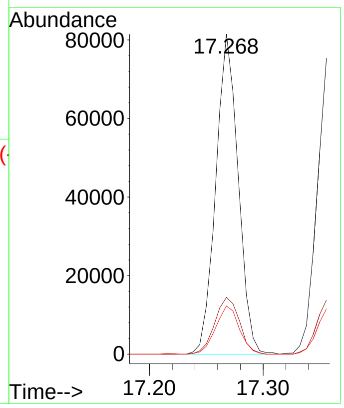
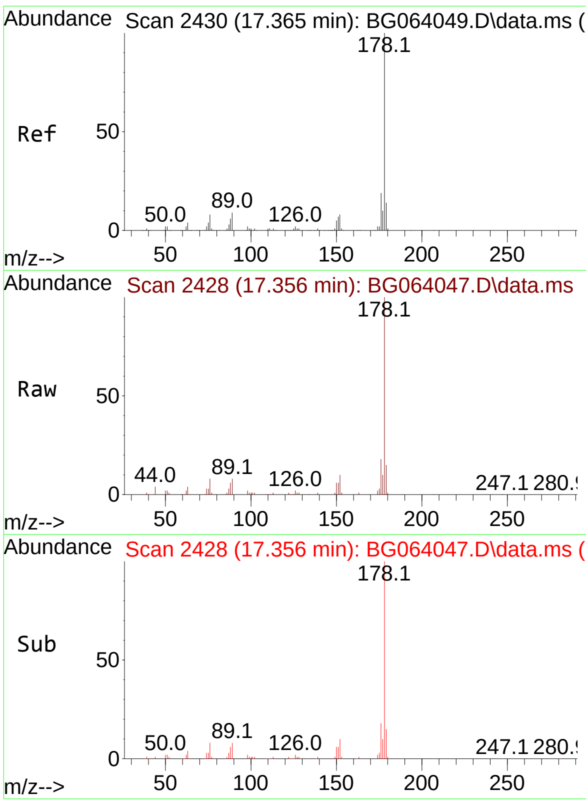
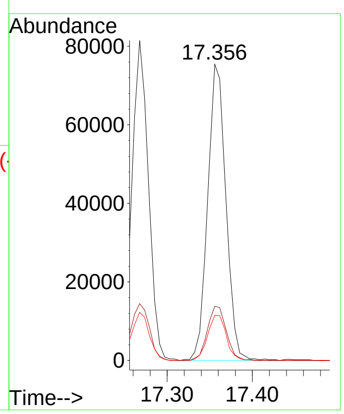




#72
Anthracene
Concen: 9.810 ng
RT: 17.356 min Scan# 2428
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:178 Resp: 112451

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.3	11.5	17.3



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ClientSampleId :
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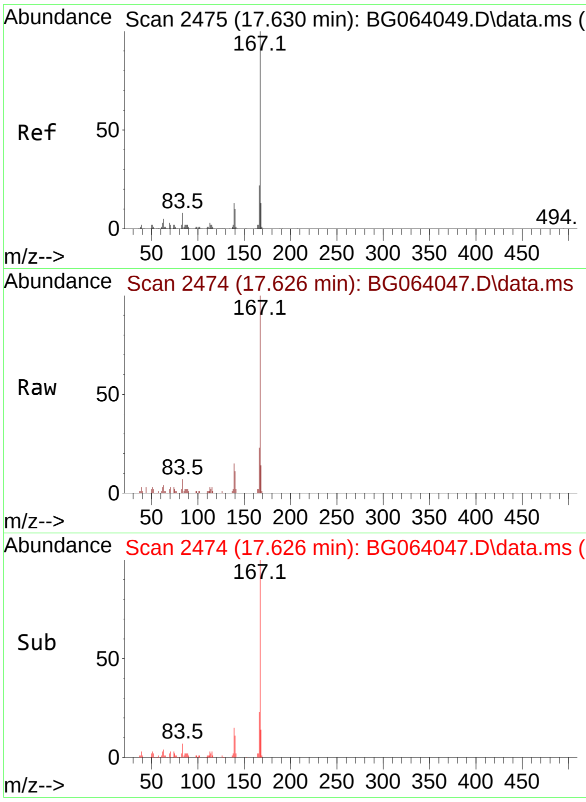
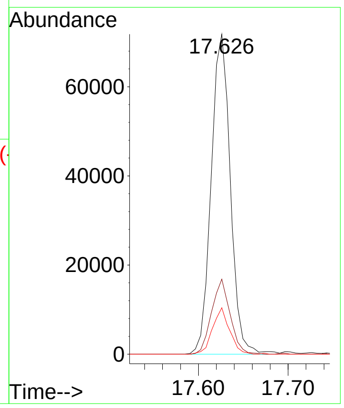
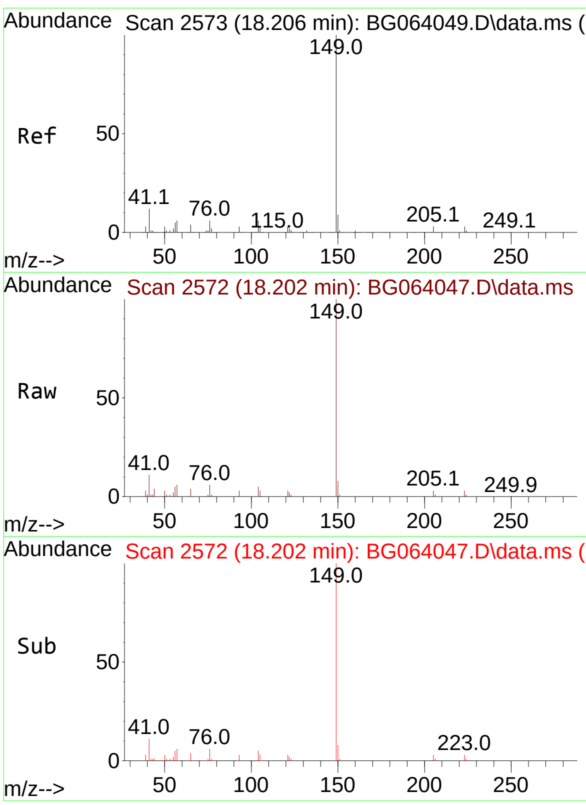
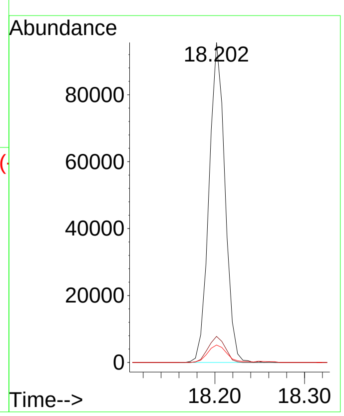



```
#73
Carbazole
Concen:    9.974 ng
RT:  17.626 min  Scan# 24
Delta R.T.   -0.004 min
Lab File:    BG064047.D
Acq:  5 Mar 2025  10:22

Tgt Ion:167 Resp:  10675(
Ion  Ratio  Lower  Upper
167  100
166   23.5   18.0   27.0
139   14.5   10.6   15.8
```






```
#74
Di-n-butylphthalate
Concen:    9.396 ng
RT:  18.202 min  Scan# 2572
Delta R.T.   -0.004 min
Lab File:    BG064047.D
Acq:  5 Mar 2025  10:22

Tgt Ion:149 Resp:  118366
Ion  Ratio  Lower  Upper
149  100
150    8.2    7.4   11.0
104    5.5    5.0    7.6
```



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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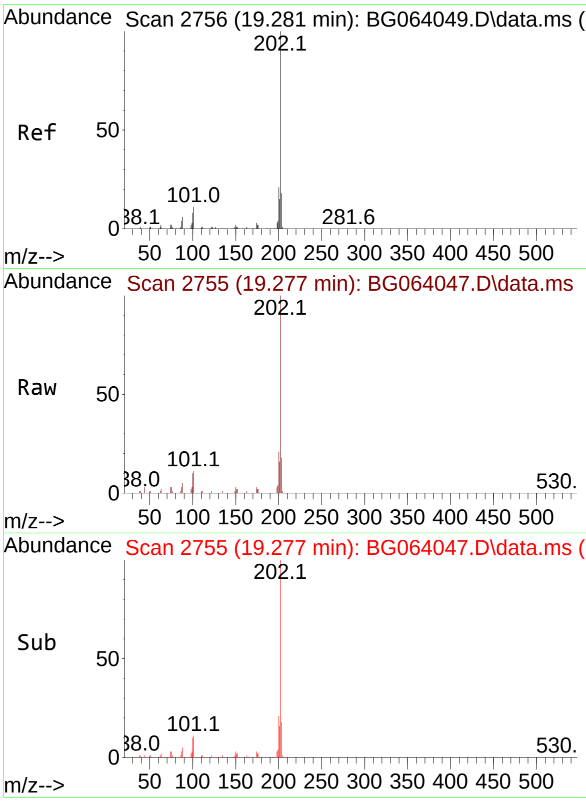
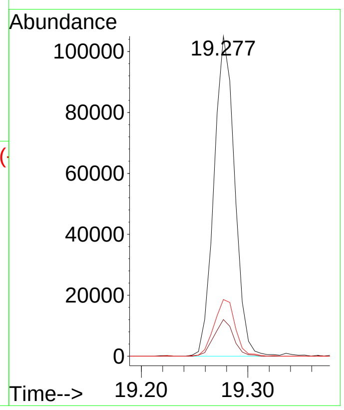
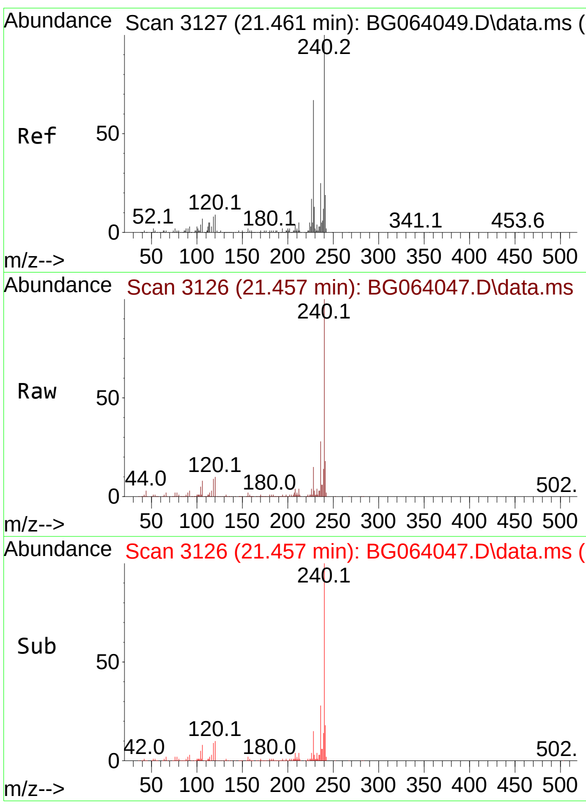


#75
Fluoranthene
Concen: 10.224 ng
RT: 19.277 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:202 Resp: 14209

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.5
203	17.7	0.0	38.3

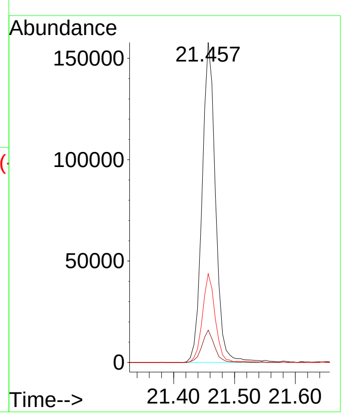




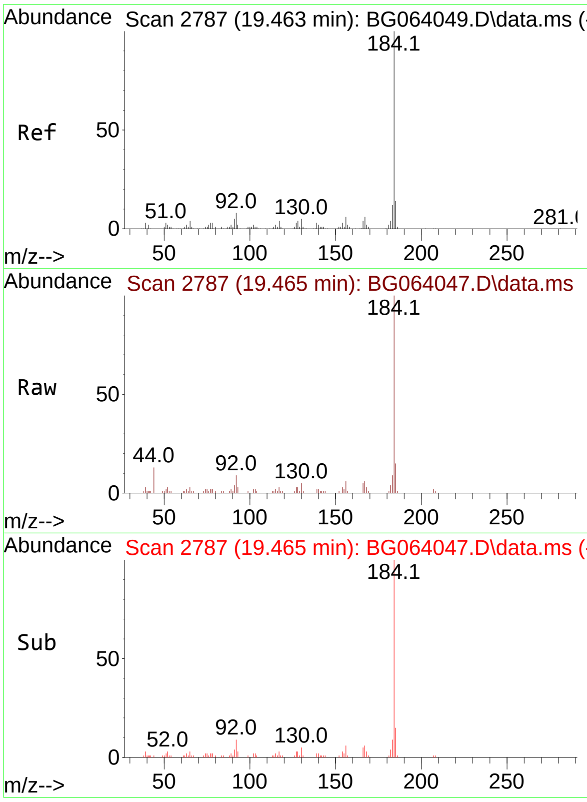
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:240 Resp: 243131

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.2	10.8
236	27.7	20.2	30.2



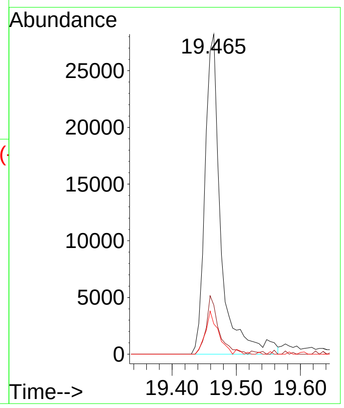
ICAL Form



#77
Benzidine
Concen: 14.253 ng m
RT: 19.465 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:184 Resp: 4864

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.3	16.9
183	9.5	9.5	14.3



Instrument :
BNA_G
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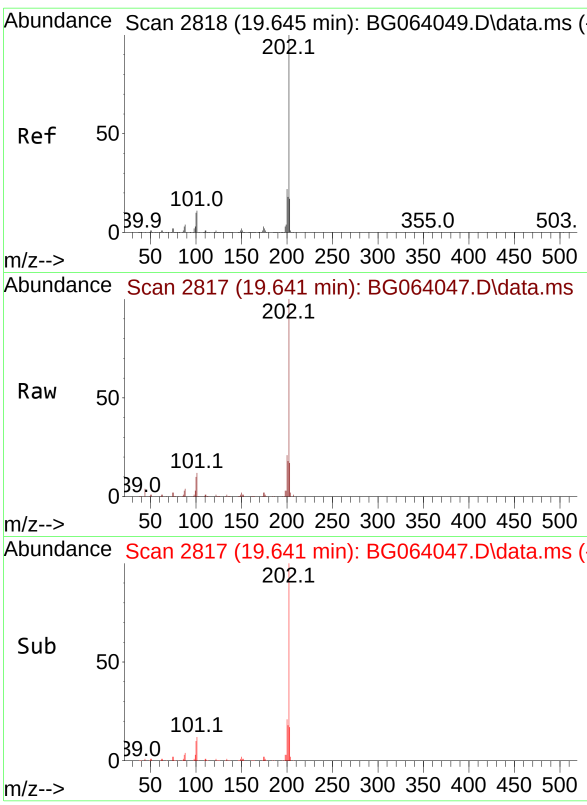
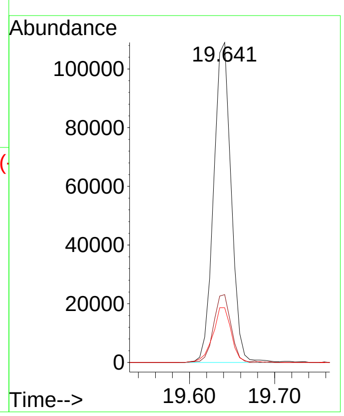


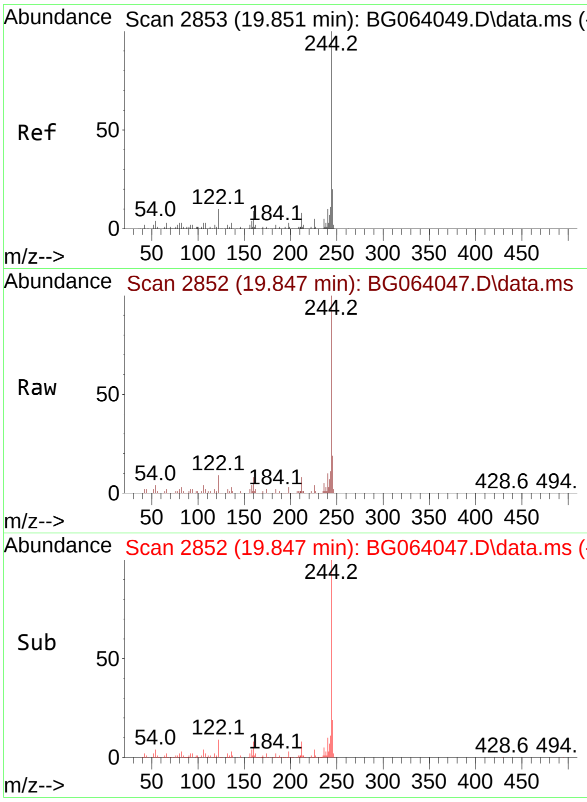
#78
Pyrene
Concen: 9.980 ng
RT: 19.641 min Scan# 2817
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:202 Resp: 156414

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.3	25.9
203	17.1	13.6	20.4



ICAL Form



#79
Terphenyl-d14
Concen: 20.697 ng
RT: 19.847 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:244 Resp: 24886

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.4
122	9.2	8.0	12.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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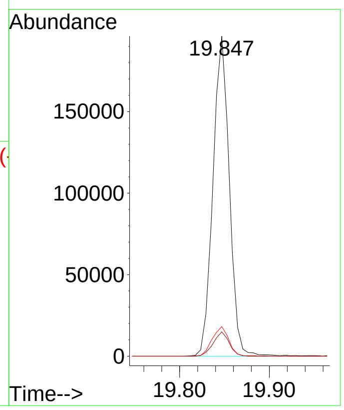
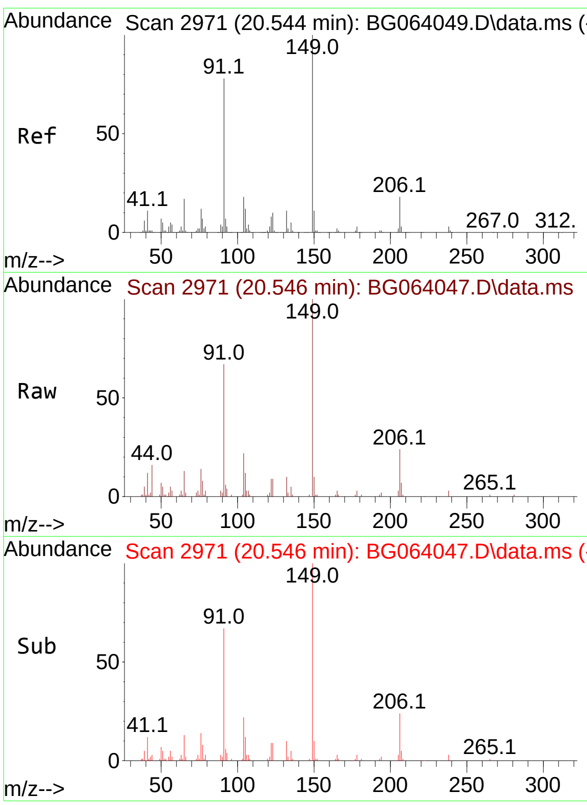
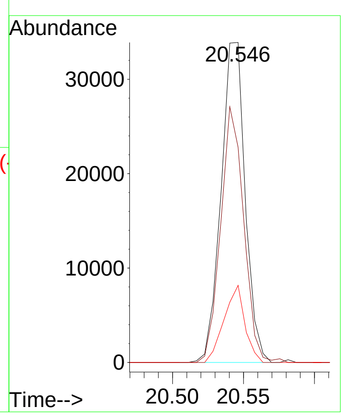




#80
Butylbenzylphthalate
Concen: 9.952 ng
RT: 20.546 min Scan# 2971
Delta R.T. 0.002 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:149 Resp: 40179

Ion	Ratio	Lower	Upper
149	100		
91	67.2	62.0	93.0
206	24.1	14.6	21.8#



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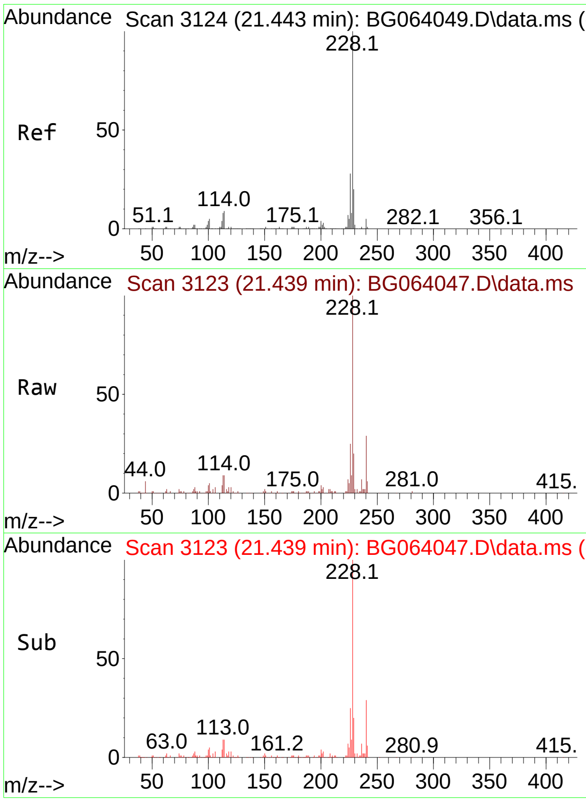

#81
Benzo(a)anthracene
Concen: 9.895 ng
RT: 21.439 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:228 Resp: 15411

Ion	Ratio	Lower	Upper
228	100		
226	25.1	22.2	33.2
229	20.2	16.4	24.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

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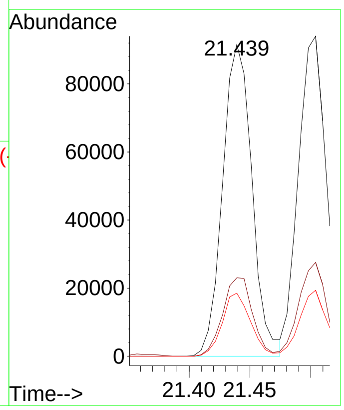
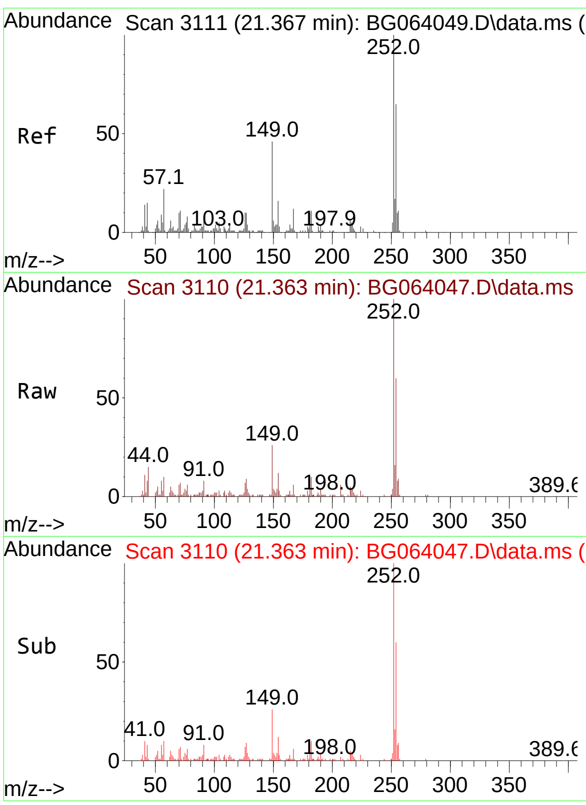
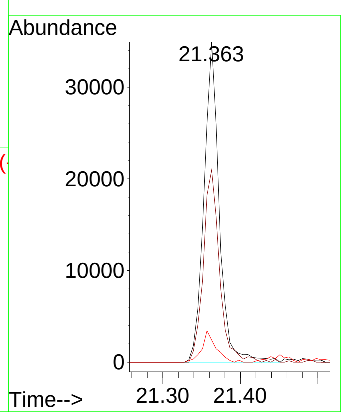




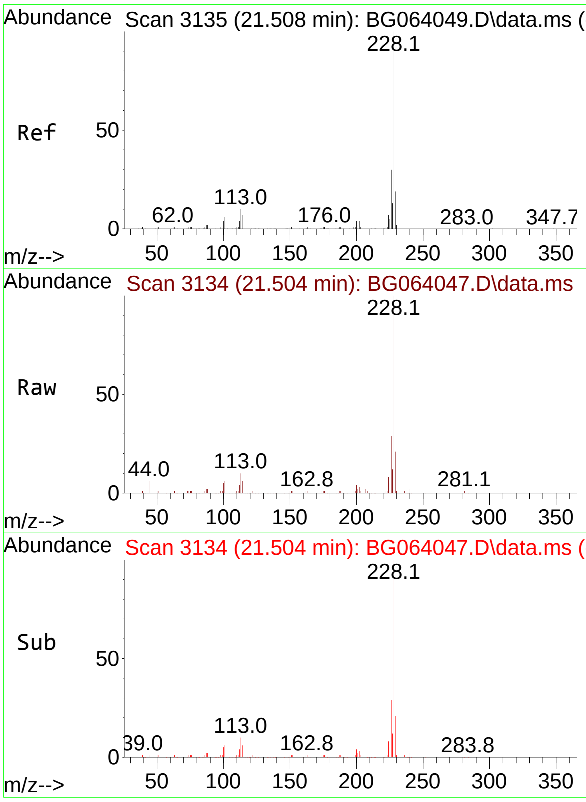
#82
3,3'-Dichlorobenzidine
Concen: 9.539 ng
RT: 21.363 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:252 Resp: 48080

Ion	Ratio	Lower	Upper
252	100		
254	60.1	52.1	78.1
126	7.0	7.8	11.8#



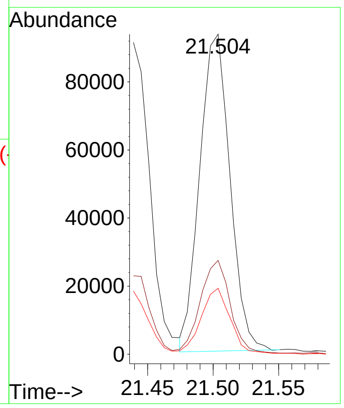
ICAL Form



#83
Chrysene
Concen: 9.649 ng
RT: 21.504 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

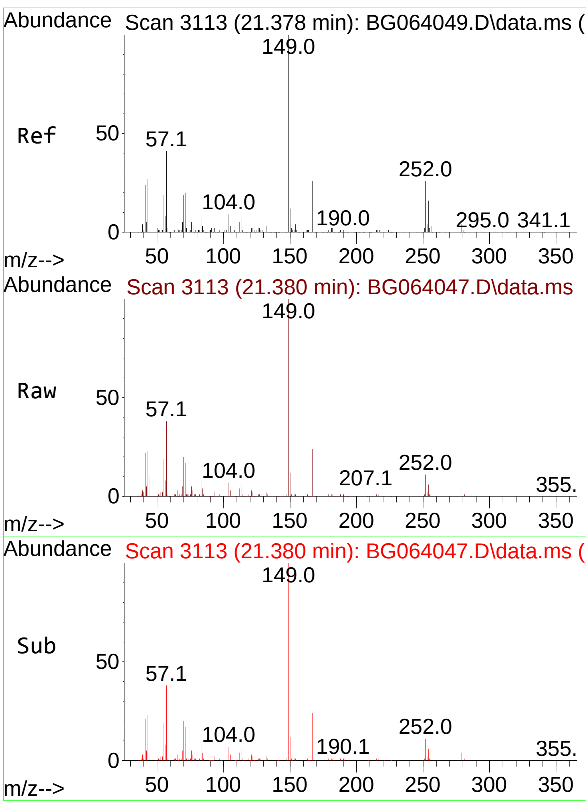
Tgt Ion:228 Resp: 14988

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.9	35.9
229	20.6	15.3	22.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC010

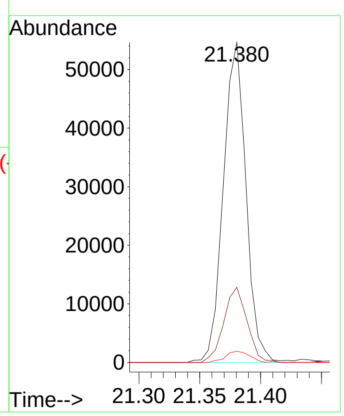
Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

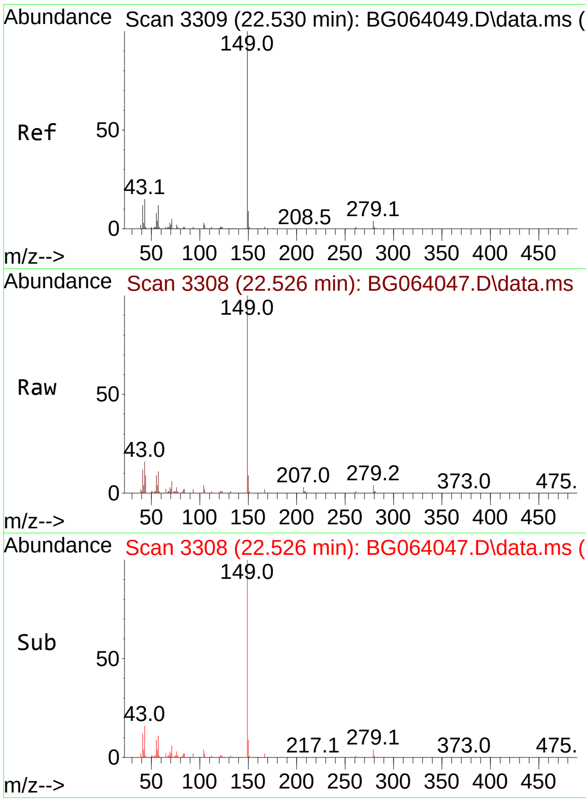


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.403 ng
RT: 21.380 min Scan# 3113
Delta R.T. 0.002 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:149 Resp: 70780

Ion	Ratio	Lower	Upper
149	100		
167	23.5	21.0	31.6
279	3.5	2.8	4.2





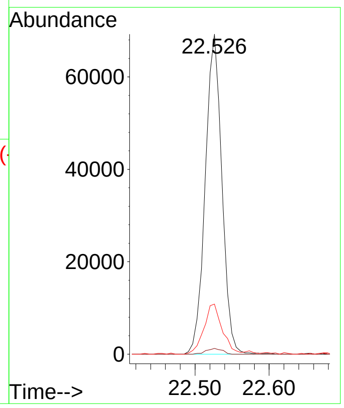
#85
Di-n-octyl phthalate
Concen: 7.461 ng
RT: 22.526 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

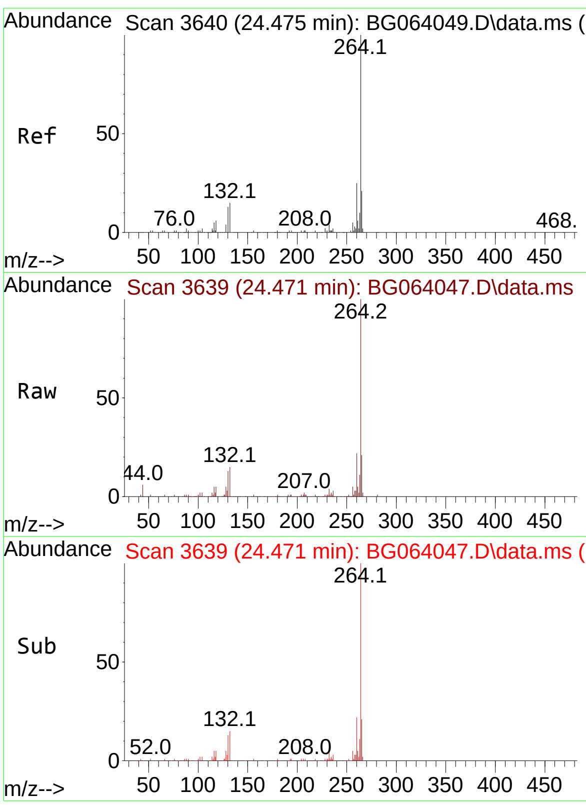
Tgt Ion:149 Resp: 10838

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	17.2	12.6	19.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

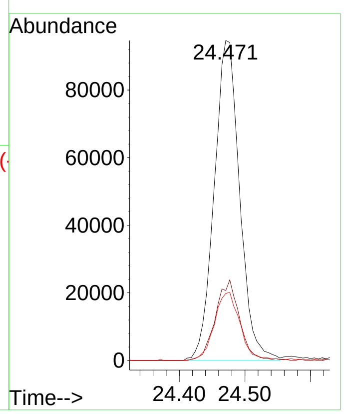


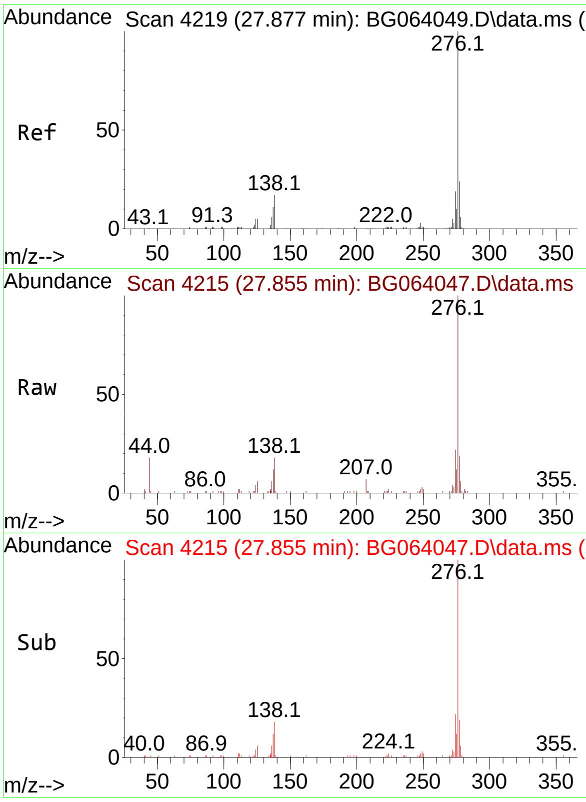


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3639
Delta R.T. -0.004 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:264 Resp: 255316

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.6	29.4
265	21.0	16.6	25.0





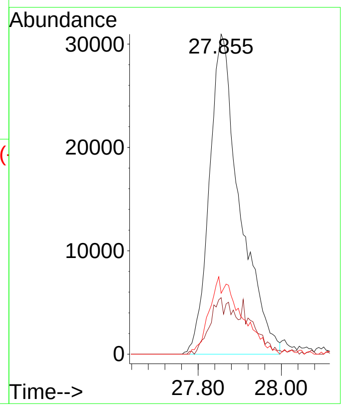
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.203 ng
RT: 27.855 min Scan# 4
Delta R.T. -0.021 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

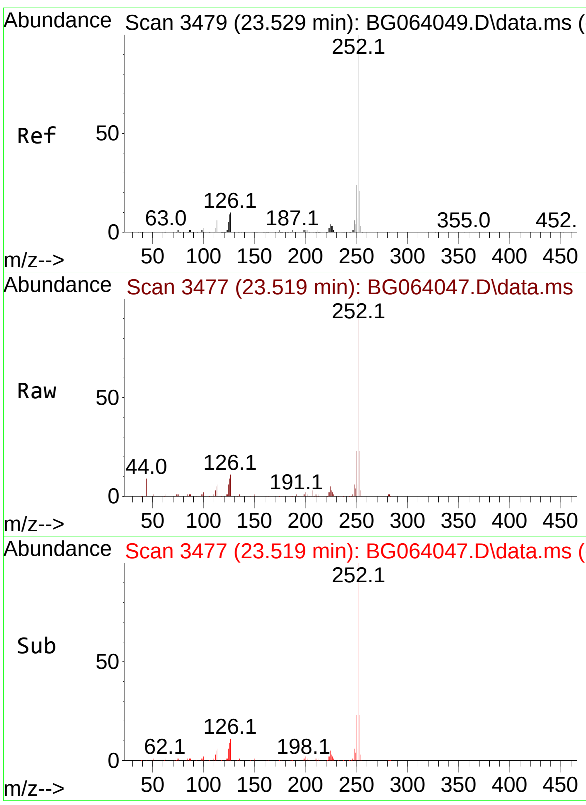
Tgt Ion:276 Resp: 15721

Ion	Ratio	Lower	Upper
276	100		
138	8.2	12.1	18.1#
277	10.0	20.0	30.0#

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

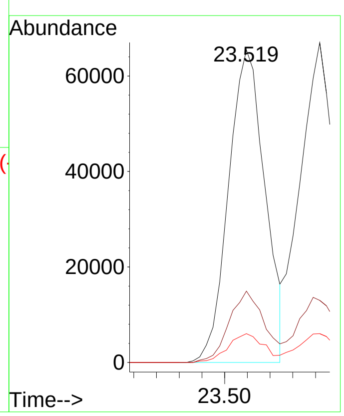




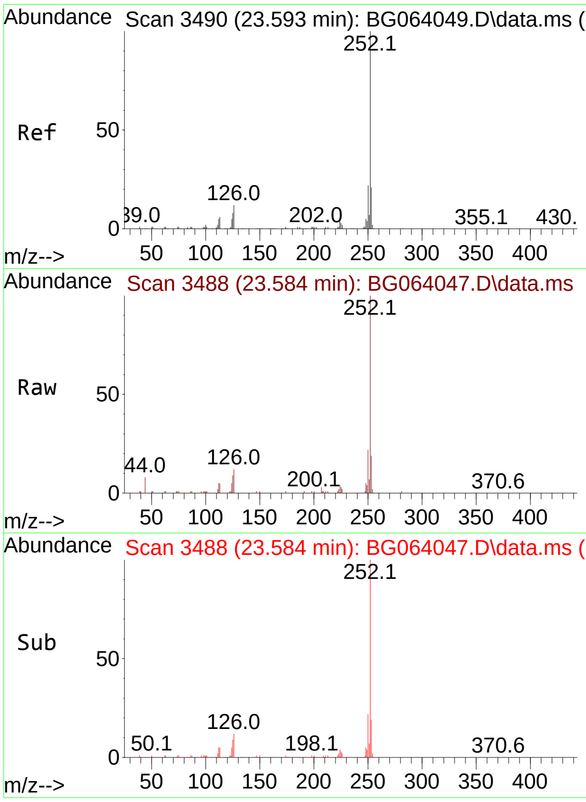
#88
Benzo(b)fluoranthene
Concen: 9.475 ng
RT: 23.519 min Scan# 3477
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:252 Resp: 146238

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	9.2	7.4	11.2



ICAL Form



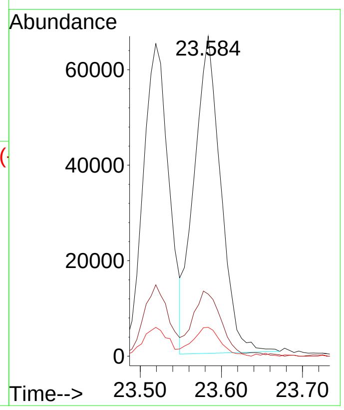
#89
Benzo(k)fluoranthene
Concen: 9.805 ng
RT: 23.584 min Scan# 34
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

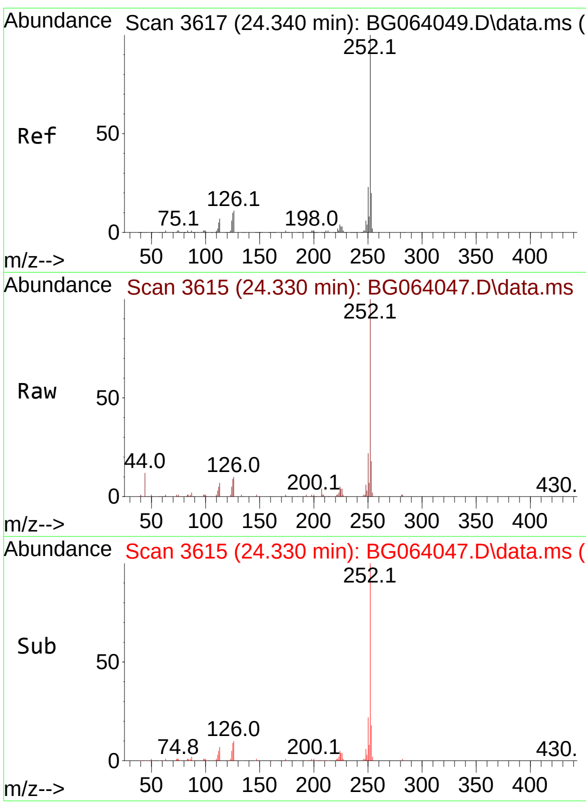
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 15182

Ion	Ratio	Lower	Upper
252	100		
253	19.4	16.8	25.2
125	9.0	6.9	10.3

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

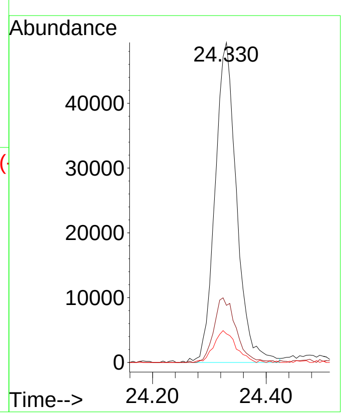


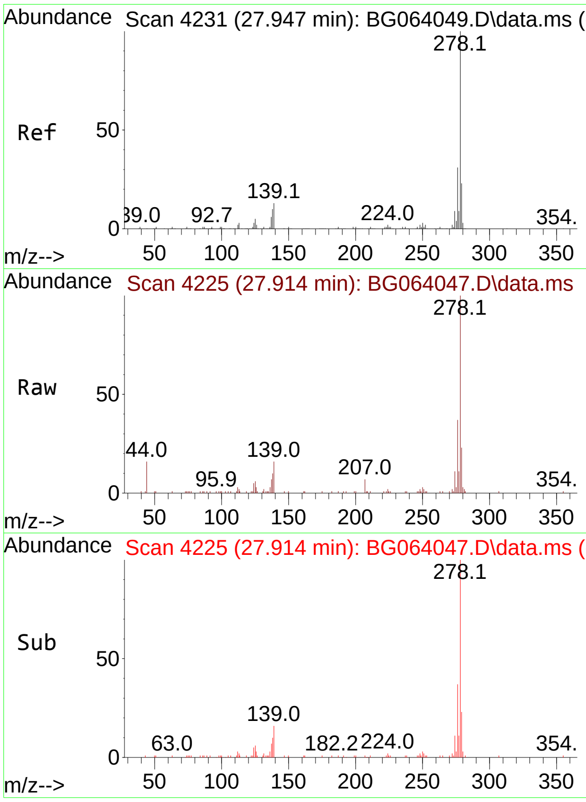


#90
Benzo(a)pyrene
Concen: 9.496 ng
RT: 24.330 min Scan# 3615
Delta R.T. -0.010 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:252 Resp: 130528

Ion	Ratio	Lower	Upper
252	100		
253	17.8	16.2	24.2
125	9.0	7.8	11.6





#91
Dibenzo(a,h)anthracene
Concen: 9.340 ng
RT: 27.914 min Scan# 4
Delta R.T. -0.033 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

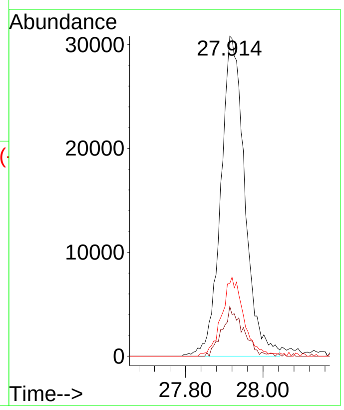
Tgt Ion:278 Resp: 13227

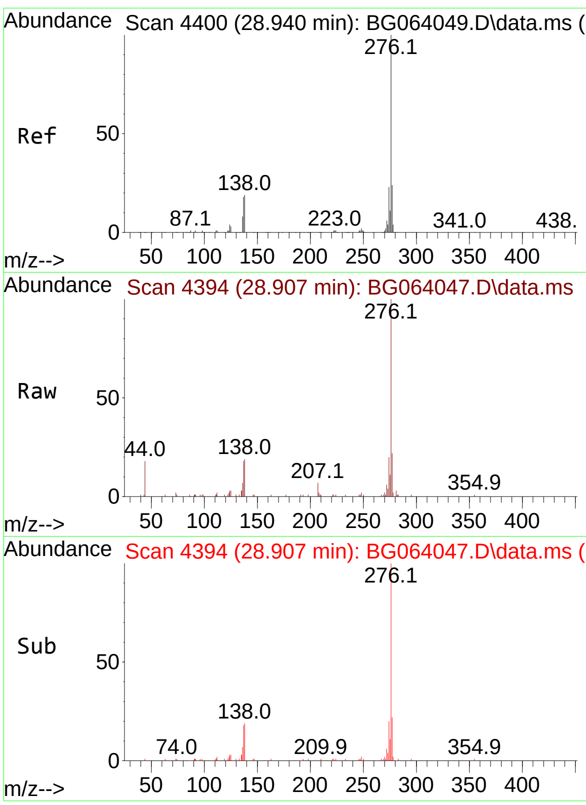
Ion	Ratio	Lower	Upper
278	100		
139	15.6	10.2	15.2#
279	22.7	18.1	27.1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

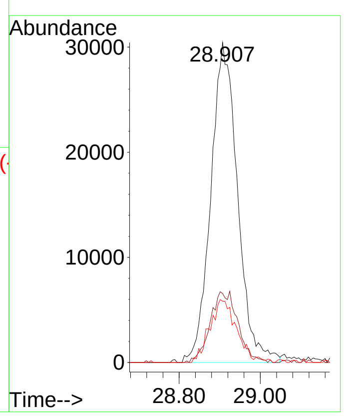




#92
Benzo(g,h,i)perylene
Concen: 9.596 ng
RT: 28.907 min Scan# 4394
Delta R.T. -0.033 min
Lab File: BG064047.D
Acq: 5 Mar 2025 10:22

Tgt Ion:276 Resp: 139536

Ion	Ratio	Lower	Upper
276	100		
277	21.6	19.5	29.3
138	19.1	15.4	23.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064048.D
Acq On : 5 Mar 2025 11:03
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.867	152	32618	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	145081	20.000	ng		0.00
39) Acenaphthene-d10	14.489	164	102335	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	239469	20.000	ng		0.00
76) Chrysene-d12	21.463	240	245725	20.000	ng		0.00
86) Perylene-d12	24.471	264	254102	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	86747	41.526	ng		0.00
7) Phenol-d6	7.027	99	117028	41.181	ng		0.00
23) Nitrobenzene-d5	9.013	82	104347	39.746	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	46324	40.723	ng		0.00
45) 2-Fluorobiphenyl	13.114	172	278220	41.267	ng		0.00
79) Terphenyl-d14	19.847	244	521784	42.936	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.372	88	20346	21.491	ng		94
3) Pyridine	3.760	79	47376	20.577	ng		90
4) n-Nitrosodimethylamine	3.678	42	33180	20.170	ng	#	98
6) Aniline	7.191	93	59532	21.349	ng		98
8) 2-Chlorophenol	7.432	128	46053	20.527	ng		91
9) Benzaldehyde	7.003	77	36954m	22.246	ng		
10) Phenol	7.050	94	59566	20.473	ng		96
11) bis(2-Chloroethyl)ether	7.291	93	46439	20.359	ng		96
12) 1,3-Dichlorobenzene	7.755	146	48956	19.871	ng		98
13) 1,4-Dichlorobenzene	7.902	146	52419	20.757	ng		97
14) 1,2-Dichlorobenzene	8.214	146	50317	20.663	ng		98
15) Benzyl Alcohol	8.096	79	43802	19.946	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.390	45	104660	20.405	ng		98
17) 2-Methylphenol	8.302	107	38395	19.883	ng	#	90
18) Hexachloroethane	8.948	117	16959	19.194	ng		99
19) n-Nitroso-di-n-propyla...	8.666	70	41803	20.960	ng		94
20) 3+4-Methylphenols	8.625	107	53440	20.102	ng		93
22) Acetophenone	8.678	105	84092	21.140	ng		94
24) Nitrobenzene	9.060	77	56511	20.828	ng	#	97
25) Isophorone	9.577	82	107881	20.530	ng		98
26) 2-Nitrophenol	9.765	139	13886	18.663	ng		96
27) 2,4-Dimethylphenol	9.824	122	32013	20.322	ng		95
28) bis(2-Chloroethoxy)met...	10.064	93	67945	21.327	ng		97
29) 2,4-Dichlorophenol	10.294	162	40728	20.475	ng		96
30) 1,2,4-Trichlorobenzene	10.517	180	49701	20.698	ng		96
31) Naphthalene	10.705	128	161582	20.654	ng		100
32) Benzoic acid	9.929	122	20223m	20.131	ng		
33) 4-Chloroaniline	10.805	127	59095	20.668	ng		98
34) Hexachlorobutadiene	10.999	225	32675	20.760	ng		96
35) Caprolactam	11.557	113	16251	21.319	ng		97
36) 4-Chloro-3-methylphenol	11.927	107	55024	21.103	ng		94
37) 2-Methylnaphthalene	12.309	142	114303	20.696	ng		94
38) 1-Methylnaphthalene	12.532	142	111828	20.668	ng		95
40) 1,2,4,5-Tetrachloroben...	12.679	216	60556	20.727	ng		98
41) Hexachlorocyclopentadiene	12.667	237	16470	20.029	ng		90
43) 2,4,6-Trichlorophenol	12.914	196	34893	20.264	ng		93

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064048.D
Acq On : 5 Mar 2025 11:03
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	38995	20.381 ng		95
46) 1,1'-Biphenyl	13.325	154	160835	20.803 ng		97
47) 2-Chloronaphthalene	13.361	162	112611	19.971 ng		99
48) 2-Nitroaniline	13.560	65	28373	18.684 ng		98
49) Acenaphthylene	14.207	152	183469	20.571 ng		99
50) Dimethylphthalate	13.948	163	159500	21.114 ng		100
51) 2,6-Dinitrotoluene	14.054	165	26787	19.614 ng		92
52) Acenaphthene	14.553	154	125939m	20.997 ng		
53) 3-Nitroaniline	14.383	138	30517	20.902 ng		88
54) 2,4-Dinitrophenol	14.594	184	8560	19.958 ng	#	74
55) Dibenzofuran	14.888	168	202235	20.856 ng		96
56) 4-Nitrophenol	14.683	139	20425	16.681 ng		87
57) 2,4-Dinitrotoluene	14.841	165	35172	19.015 ng	#	97
58) Fluorene	15.534	166	157795	20.894 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.111	232	39748	21.310 ng		99
60) Diethylphthalate	15.311	149	174872	21.324 ng		98
61) 4-Chlorophenyl-phenyle...	15.534	204	80605	21.477 ng		95
62) 4-Nitroaniline	15.540	138	32000	20.301 ng		88
63) Azobenzene	15.822	77	182618	20.868 ng		98
65) 4,6-Dinitro-2-methylph...	15.599	198	14079	19.469 ng		95
66) n-Nitrosodiphenylamine	15.740	169	139451	20.573 ng		100
67) 4-Bromophenyl-phenylether	16.422	248	50868	20.740 ng		99
68) Hexachlorobenzene	16.539	284	56538	20.591 ng		95
69) Atrazine	16.692	200	42810	21.465 ng		97
70) Pentachlorophenol	16.874	266	30561	17.926 ng	#	88
71) Phenanthrene	17.268	178	265841	20.813 ng		99
72) Anthracene	17.362	178	264350	20.814 ng		99
73) Carbazole	17.626	167	244169	20.591 ng		100
74) Di-n-butylphthalate	18.202	149	290500	20.812 ng		100
75) Fluoranthene	19.277	202	319913	20.776 ng		98
77) Benzidine	19.459	184	58504	16.960 ng		99
78) Pyrene	19.641	202	331849	20.950 ng		99
80) Butylbenzylphthalate	20.546	149	99429	19.098 ng		98
81) Benzo(a)anthracene	21.439	228	321777	20.443 ng		98
82) 3,3'-Dichlorobenzidine	21.363	252	109121	21.421 ng		98
83) Chrysene	21.504	228	321379	20.471 ng		98
84) Bis(2-ethylhexyl)phtha...	21.381	149	168286	19.769 ng		98
85) Di-n-octyl phthalate	22.526	149	272257	18.542 ng		99
87) Indeno(1,2,3-cd)pyrene	27.867	276	357779	21.044 ng		98
88) Benzo(b)fluoranthene	23.525	252	322554	20.998 ng		98
89) Benzo(k)fluoranthene	23.590	252	325538	21.124 ng		99
90) Benzo(a)pyrene	24.330	252	285622	20.878 ng		97
91) Dibenzo(a,h)anthracene	27.932	278	292558	20.756 ng		99
92) Benzo(g,h,i)perylene	28.931	276	307072	21.219 ng		97

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

Quantitation Report (QT Reviewed)

ICAL Form

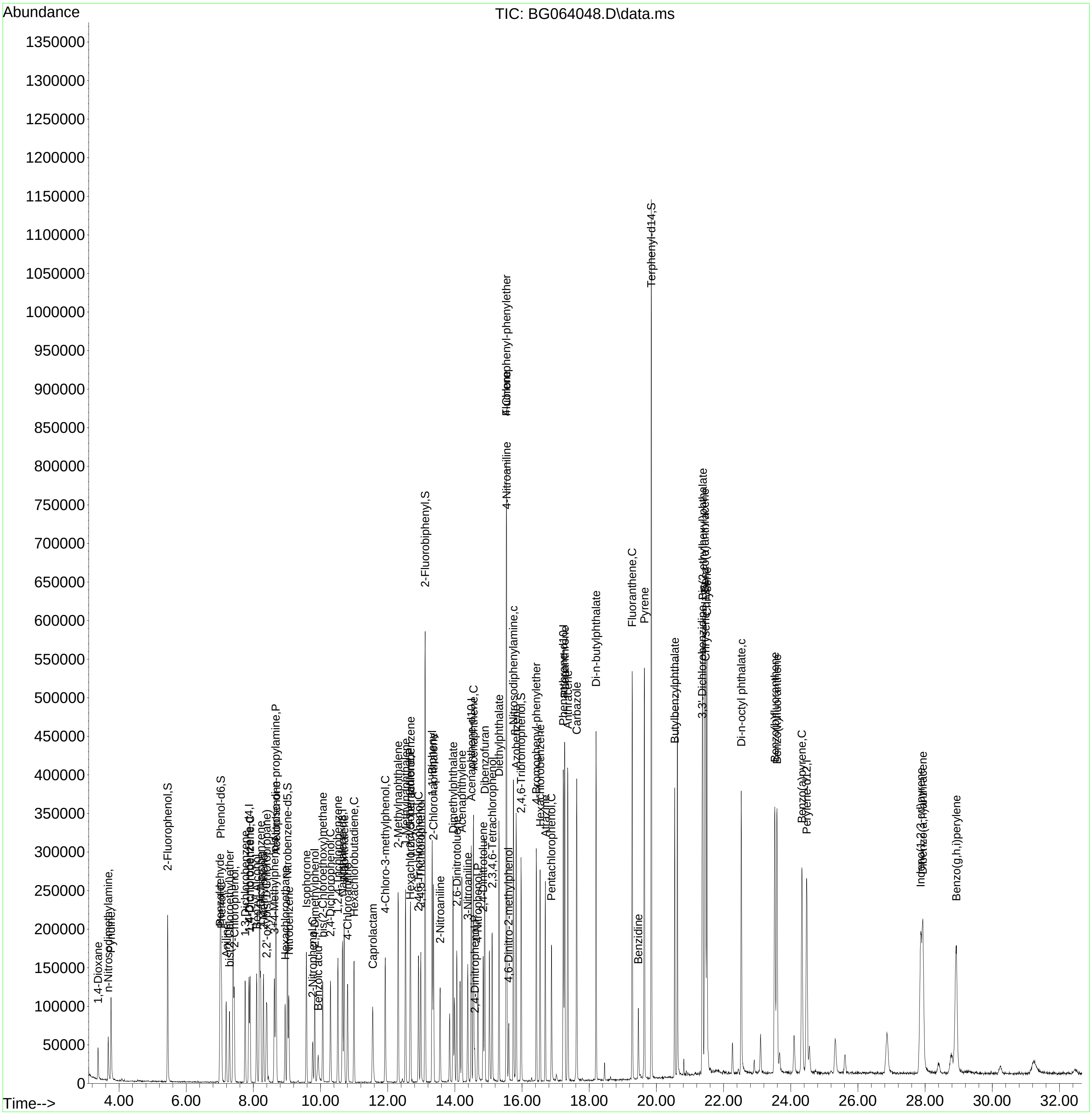
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064048.D
Acq On : 5 Mar 2025 11:03
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 05 15:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

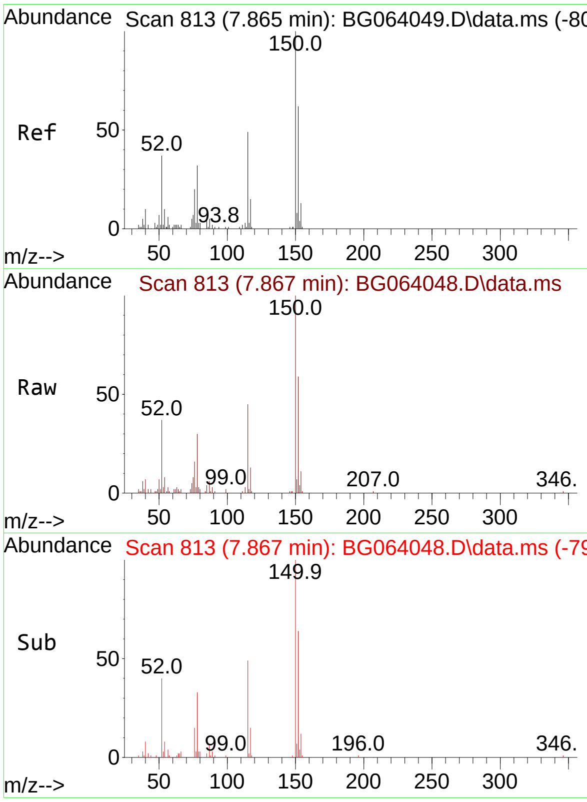


ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

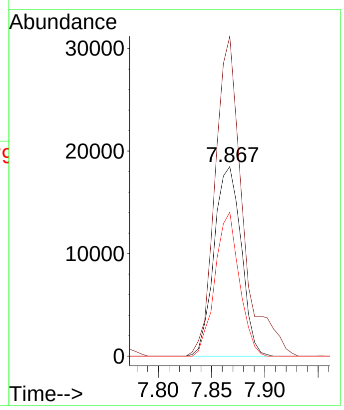
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

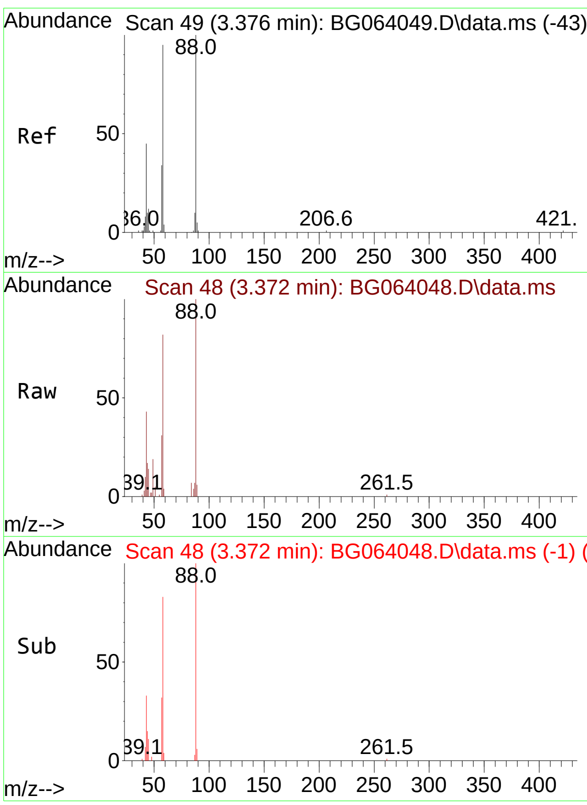


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.867 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:152 Resp: 3261

Ion	Ratio	Lower	Upper
152	100		
150	168.8	129.2	193.8
115	76.0	63.0	94.6

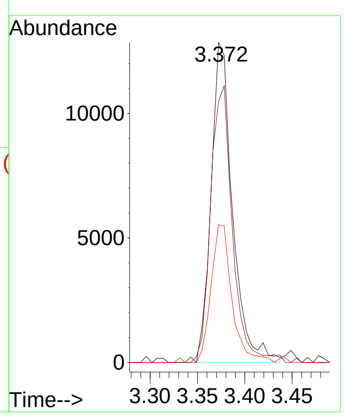




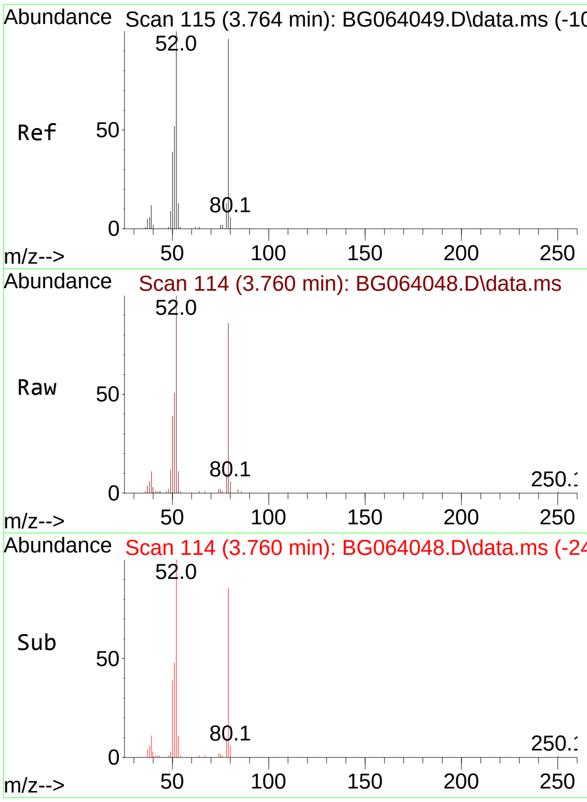
#2
1,4-Dioxane
Concen: 21.491 ng
RT: 3.372 min Scan# 48
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 88 Resp: 20346

Ion	Ratio	Lower	Upper
88	100		
58	87.3	74.6	111.8
43	41.6	35.5	53.3



ICAL Form



#3
Pyridine
Concen: 20.577 ng
RT: 3.760 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 79 Resp: 4737

Ion	Ratio	Lower	Upper
79	100		
52	116.4	83.0	124.6
51	59.1	44.3	66.5

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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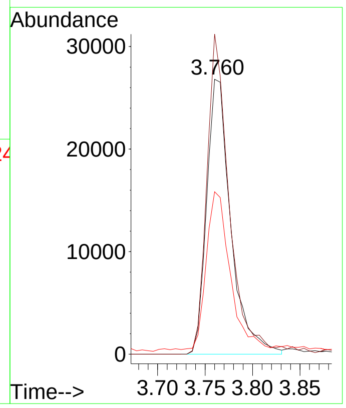
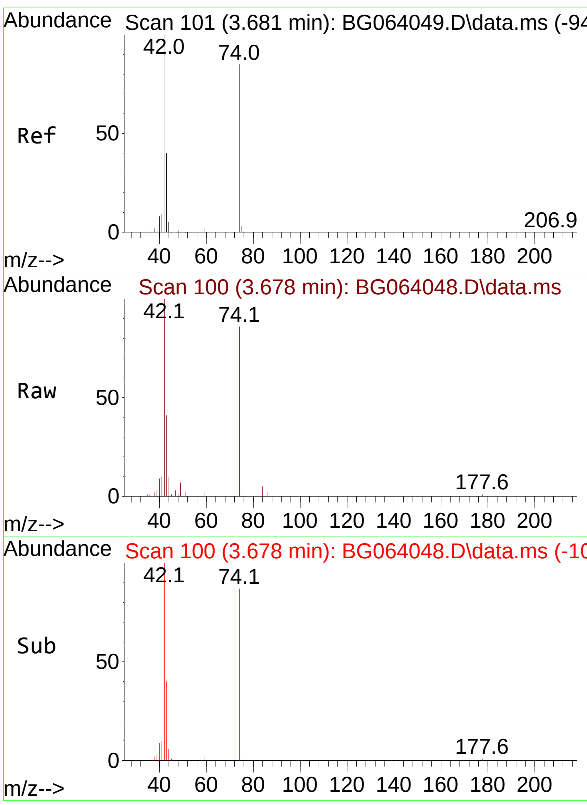
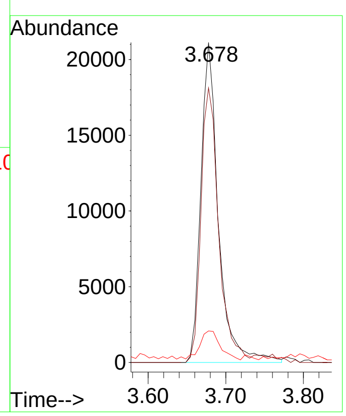




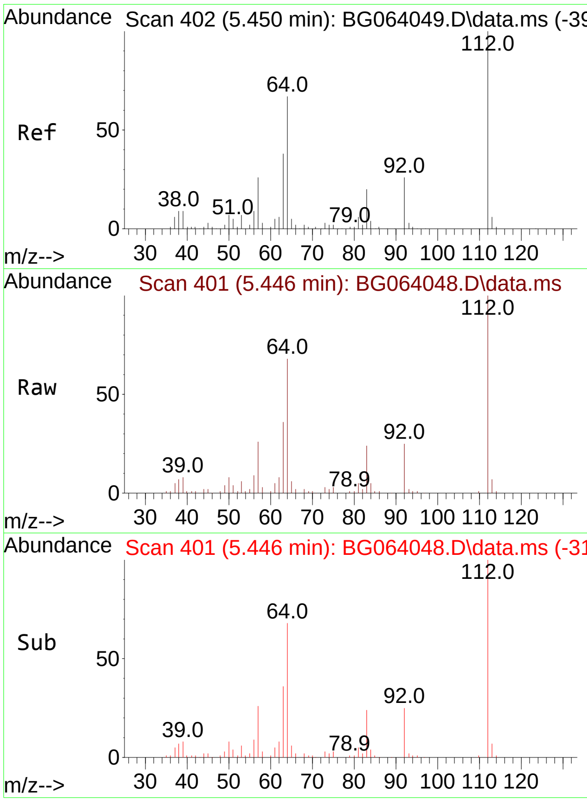
#4
n-Nitrosodimethylamine
Concen: 20.170 ng
RT: 3.678 min Scan# 100
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 42 Resp: 33180

Ion	Ratio	Lower	Upper
42	100		
74	85.8	68.0	102.0
44	9.9	4.9	7.3#



ICAL Form



#5
2-Fluorophenol
Concen: 41.526 ng
RT: 5.446 min Scan# 40
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:112 Resp: 86747

Ion	Ratio	Lower	Upper
112	100		
64	68.3	53.7	80.5
63	36.3	30.2	45.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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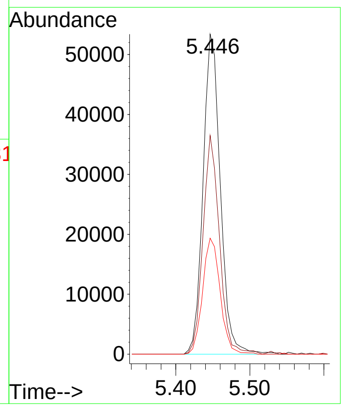
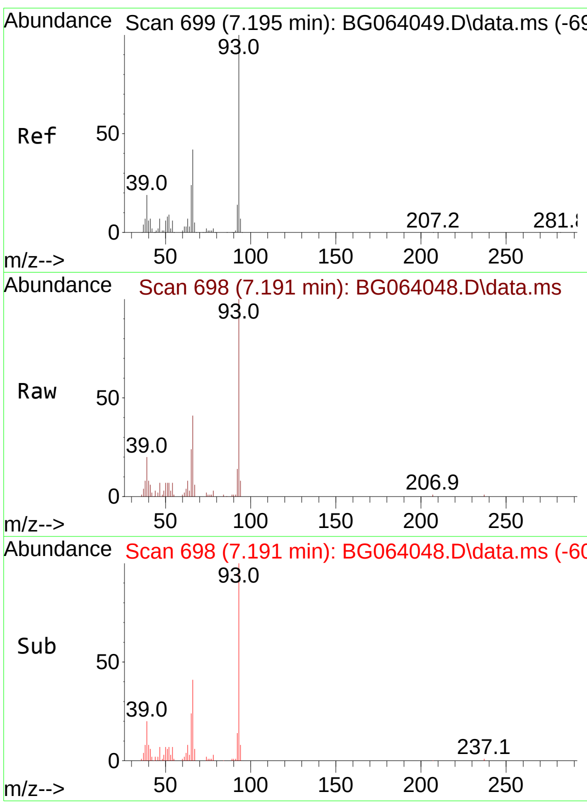
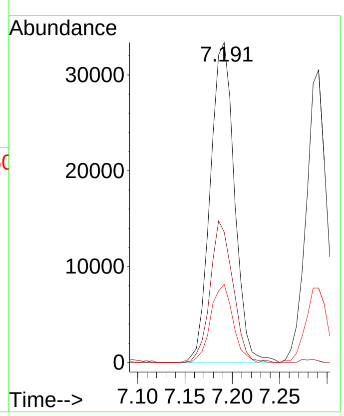




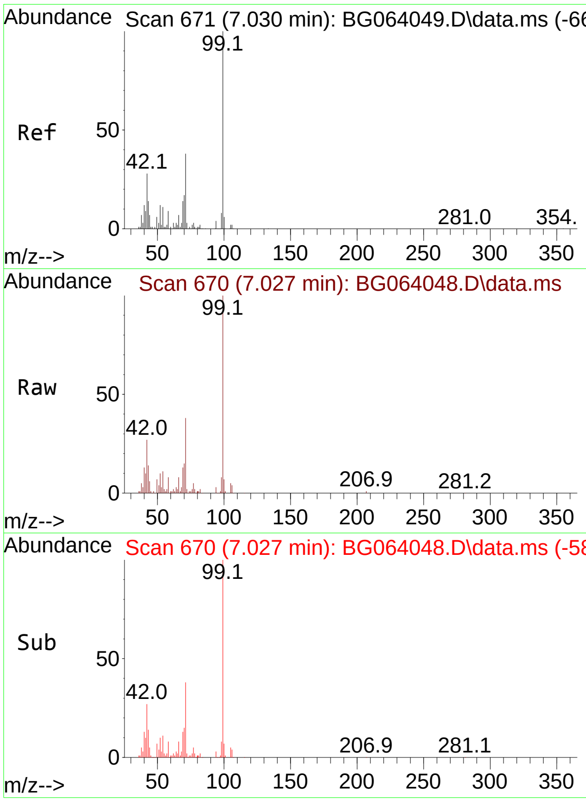
#6
Aniline
Concen: 21.349 ng
RT: 7.191 min Scan# 698
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 93 Resp: 59532

Ion	Ratio	Lower	Upper
93	100		
66	40.7	33.7	50.5
65	24.4	19.1	28.7



ICAL Form



#7
Phenol-d6
Concen: 41.181 ng
RT: 7.027 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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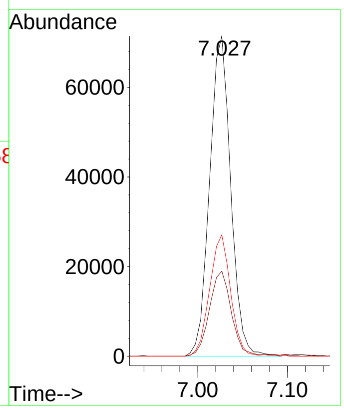
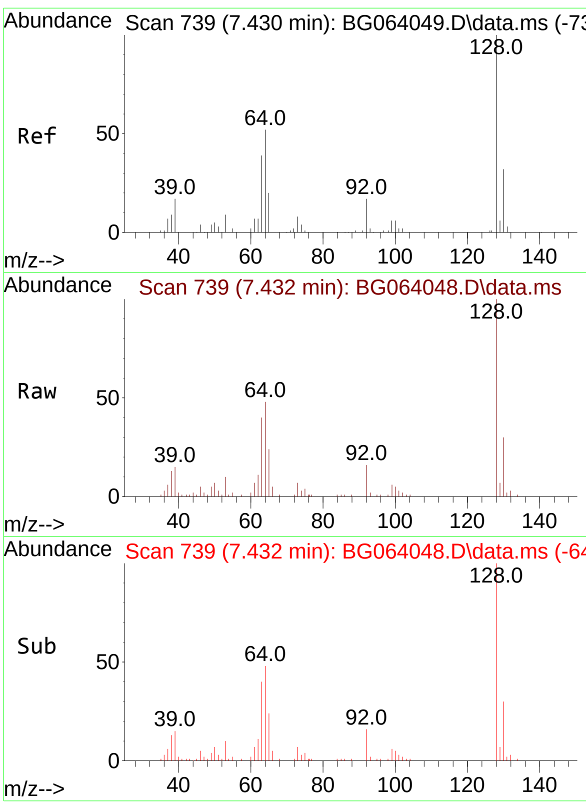
Tgt Ion: 99 Resp: 11702

Ion	Ratio	Lower	Upper
99	100		
42	26.6	22.7	34.1
71	37.9	30.6	46.0

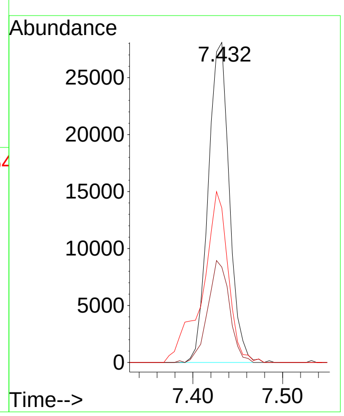


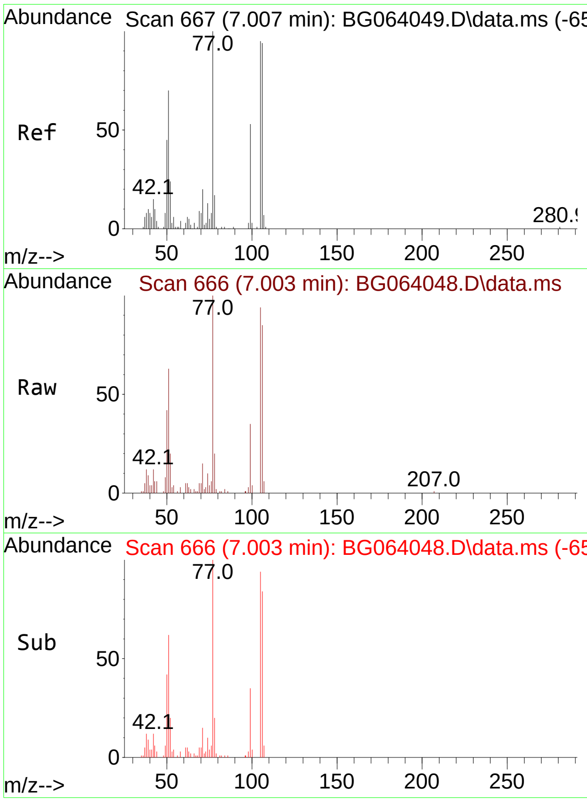


#8
2-Chlorophenol
Concen: 20.527 ng
RT: 7.432 min Scan# 739
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:128 Resp: 46053

Ion	Ratio	Lower	Upper
128	100		
130	29.8	12.3	52.3
64	48.3	37.0	77.0





#9
Benzaldehyde
Concen: 22.246 ng m
RT: 7.003 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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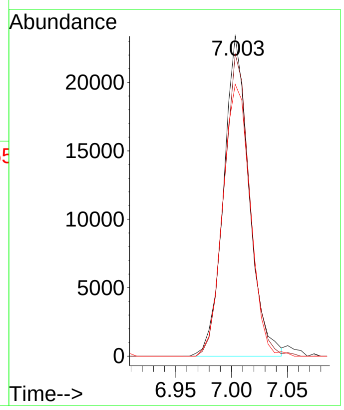
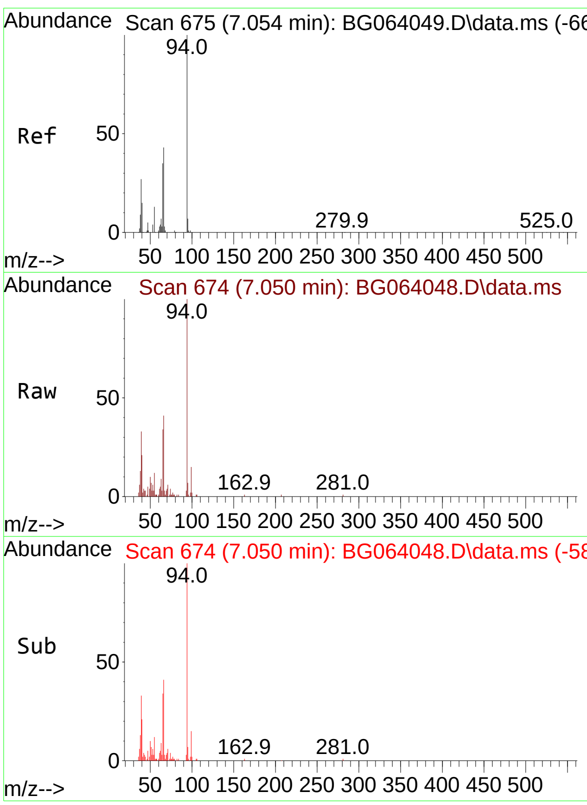
Tgt Ion: 77 Resp: 3695

Ion	Ratio	Lower	Upper
77	100		
105	94.5	75.5	115.5
106	84.9	74.2	114.2

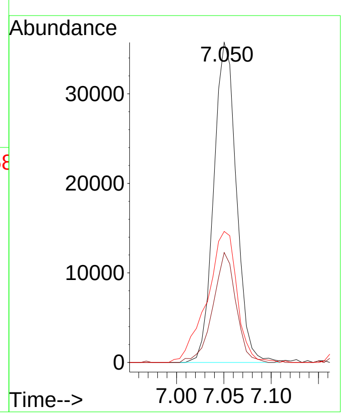




#10
Phenol
Concen: 20.473 ng
RT: 7.050 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 94 Resp: 59566

Ion	Ratio	Lower	Upper
94	100		
65	34.3	15.2	55.2
66	41.0	25.1	65.1



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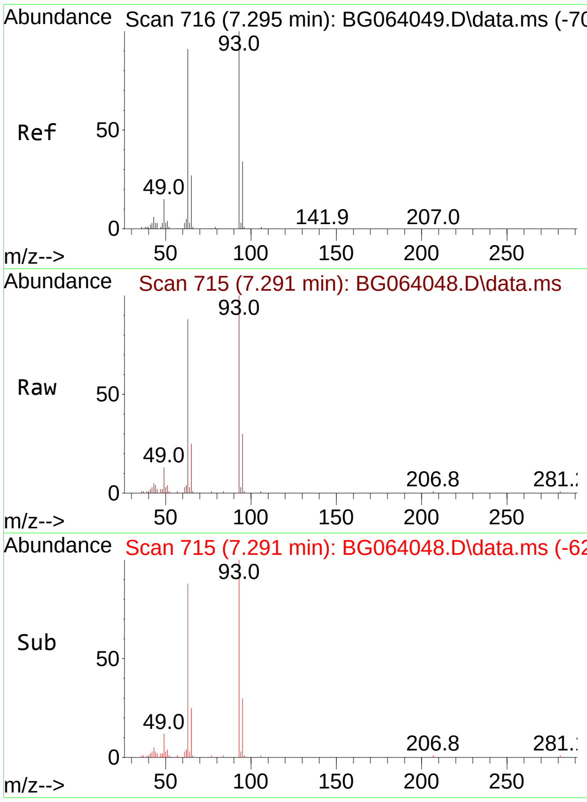

#11
bis(2-Chloroethyl)ether
Concen: 20.359 ng
RT: 7.291 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 93 Resp: 46439

Ion	Ratio	Lower	Upper
93	100		
63	87.5	70.0	110.0
95	30.2	13.7	53.7

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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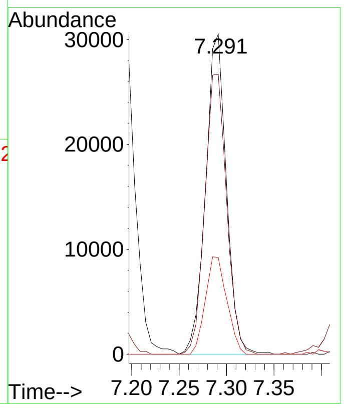
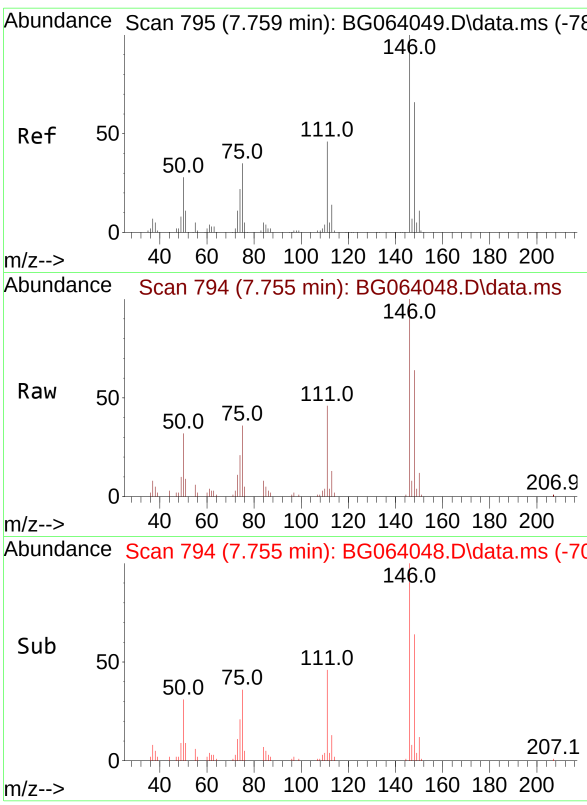
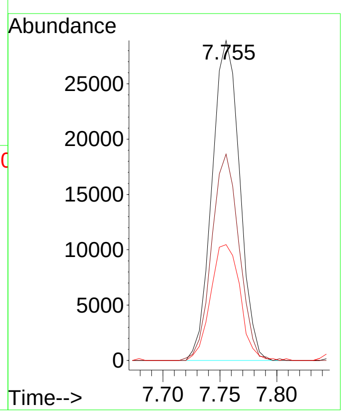




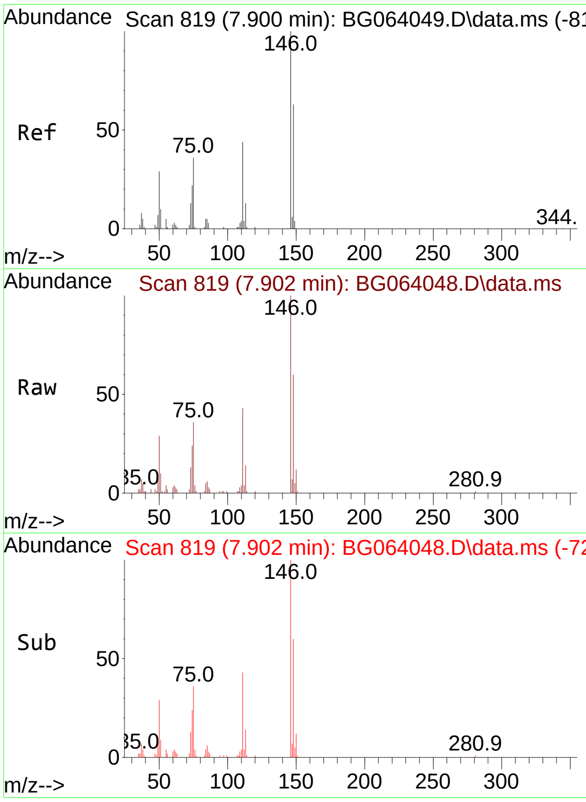
#12
1,3-Dichlorobenzene
Concen: 19.871 ng
RT: 7.755 min Scan# 794
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:146 Resp: 48956

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.6	78.8
75	36.2	28.1	42.1



ICAL Form



#13
1,4-Dichlorobenzene
Concen: 20.757 ng
RT: 7.902 min   Scan# 81
Delta R.T.   0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025   11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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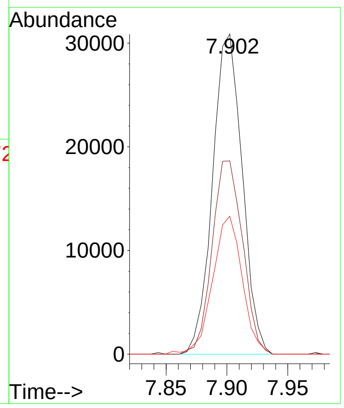
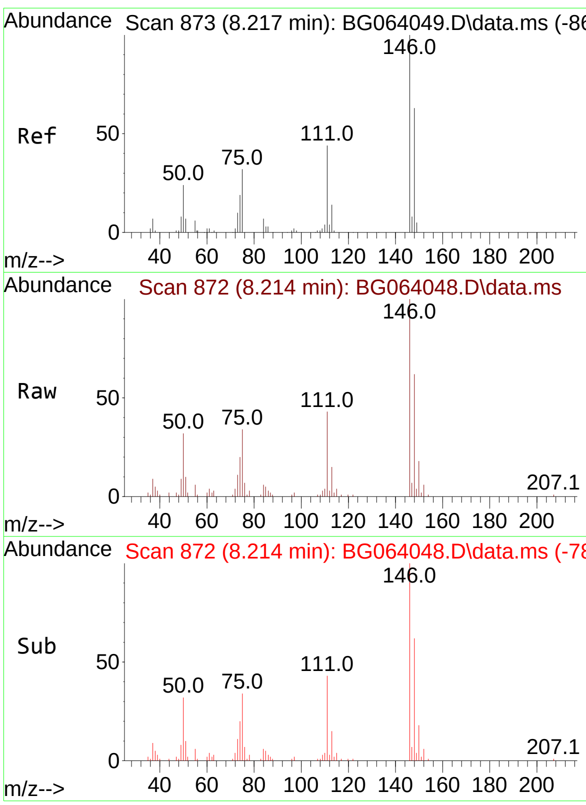
Tgt Ion:146 Resp: 52419

Ion	Ratio	Lower	Upper
146	100		
148	60.4	50.6	75.8
111	43.1	35.1	52.7

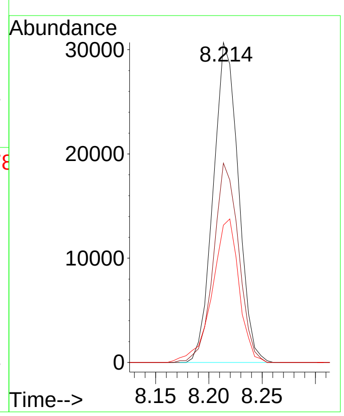




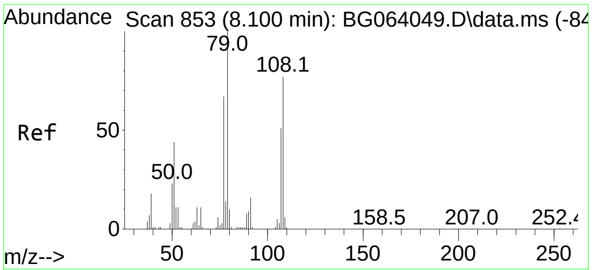
#14
1,2-Dichlorobenzene
Concen: 20.663 ng
RT: 8.214 min   Scan# 872
Delta R.T.   -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025   11:03

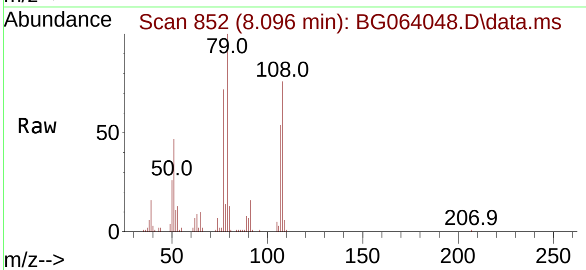
Tgt Ion:146 Resp: 50317

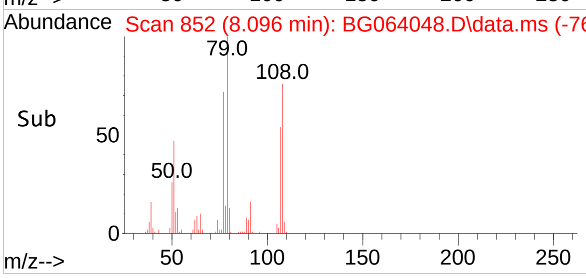
Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.2	75.2
111	42.9	36.4	54.6



ICAL Form







#15
Benzyl Alcohol
Concen: 19.946 ng
RT: 8.096 min Scan# 8!
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 79 Resp: 4380

Ion	Ratio	Lower	Upper
79	100		
108	75.6	61.7	92.5
77	71.9	53.9	80.9

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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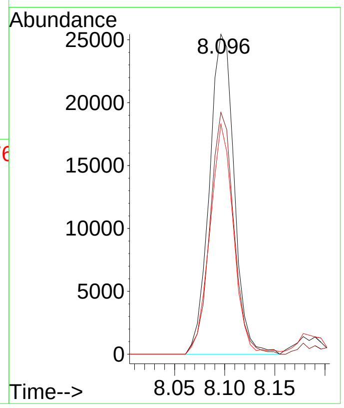
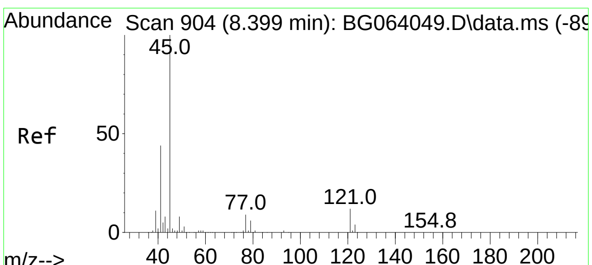
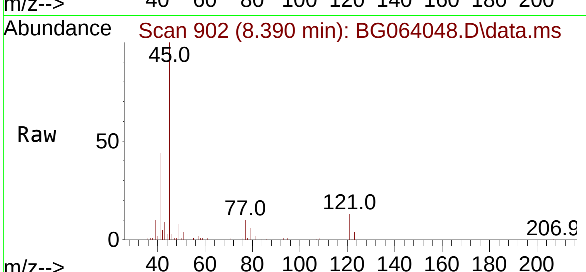
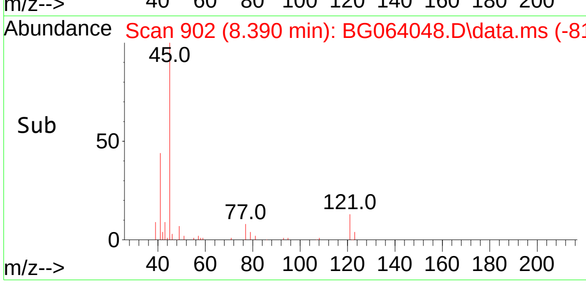
Supervised By :mohammad ahmed 03/07/2025





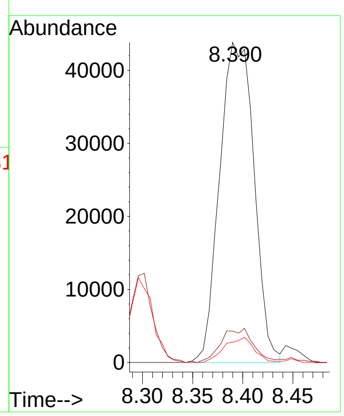




#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.405 ng
RT: 8.390 min Scan# 902
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 45 Resp: 104660

Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	29.0
79	6.3	0.0	26.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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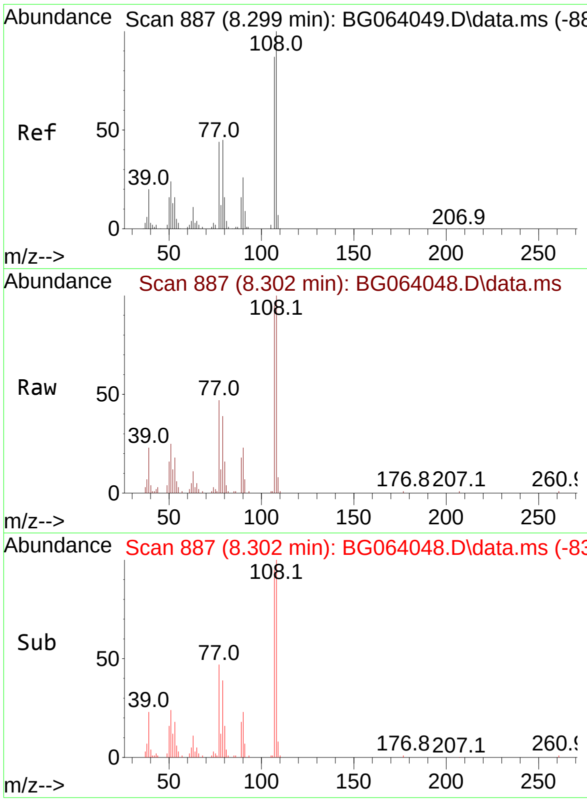
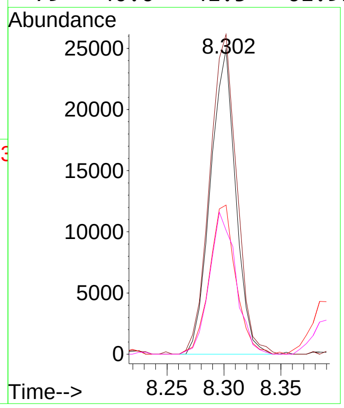
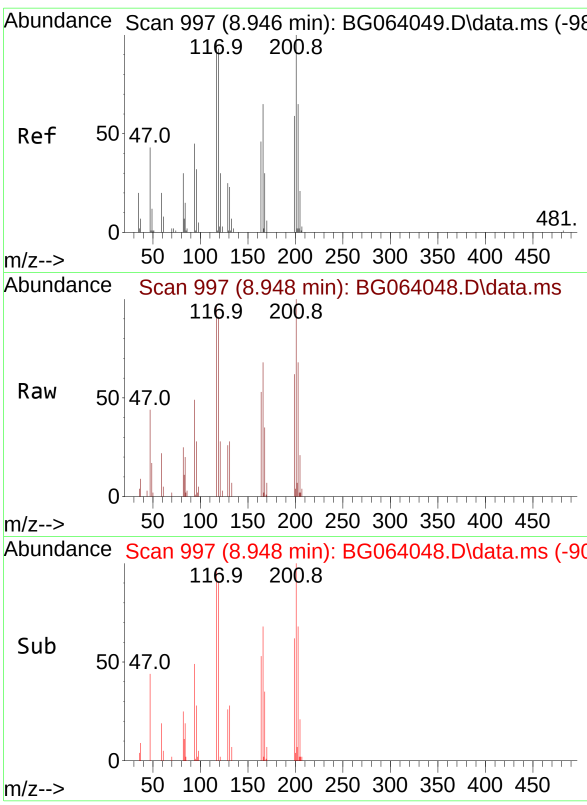


#17
2-Methylphenol
Concen: 19.883 ng
RT: 8.302 min Scan# 88
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:107 Resp: 38395

Ion	Ratio	Lower	Upper
107	100		
108	104.8	92.5	138.7
77	48.9	40.5	60.7
79	40.6	41.3	61.9#

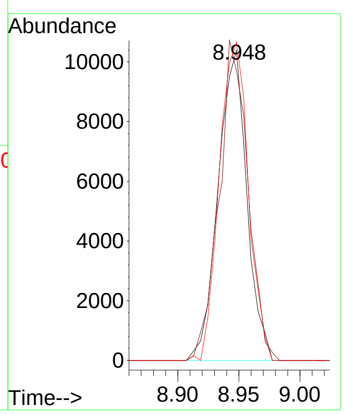




#18
Hexachloroethane
Concen: 19.194 ng
RT: 8.948 min Scan# 997
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:117 Resp: 16959

Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.2	114.2
201	102.7	81.5	122.3



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Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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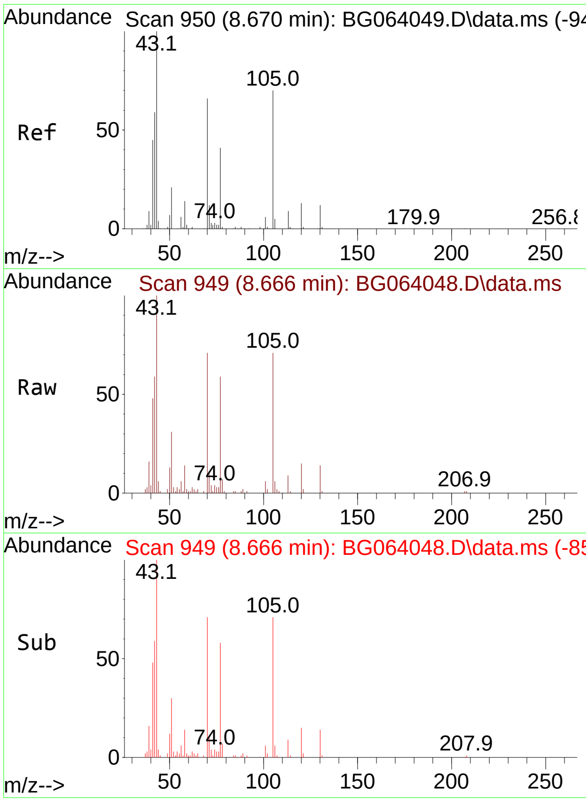
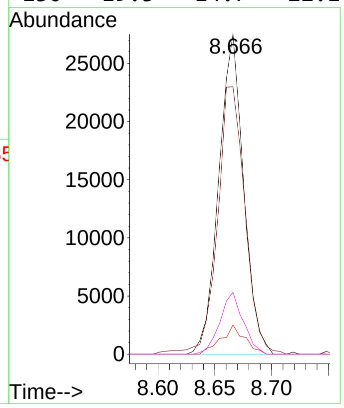
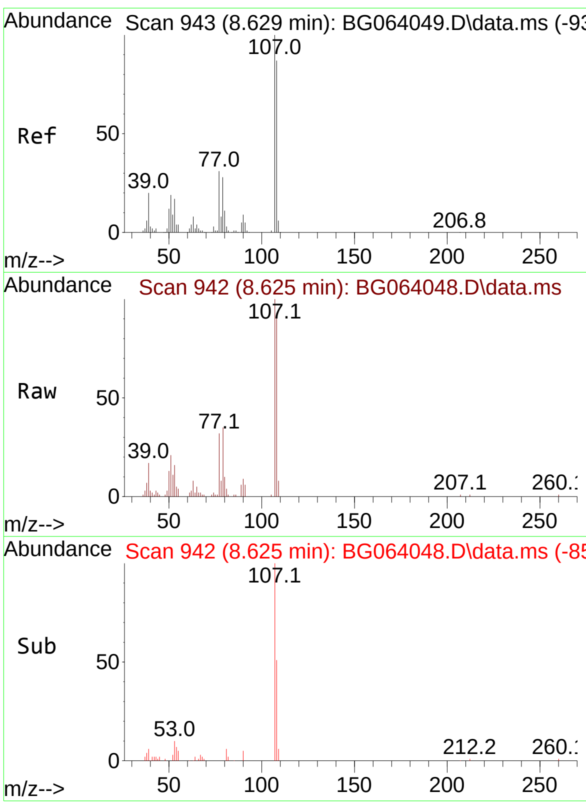


#19
n-Nitroso-di-n-propylamine
Concen: 20.960 ng
RT: 8.666 min Scan# 94
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 70 Resp: 4180

Ion	Ratio	Lower	Upper
70	100		
42	83.5	72.1	108.1
101	9.2	7.2	10.8
130	19.3	14.7	22.1

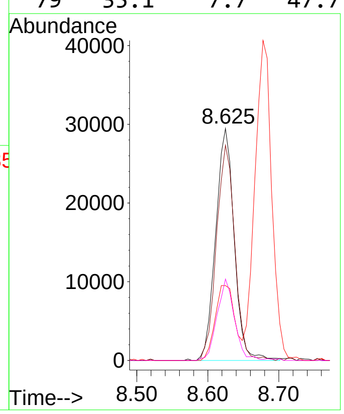




#20
3+4-Methylphenols
Concen: 20.102 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:107 Resp: 53440

Ion	Ratio	Lower	Upper
107	100		
108	92.8	67.0	107.0
77	32.3	11.2	51.2
79	35.1	7.7	47.7



Instrument :
BNA_G
ClientSampleId :
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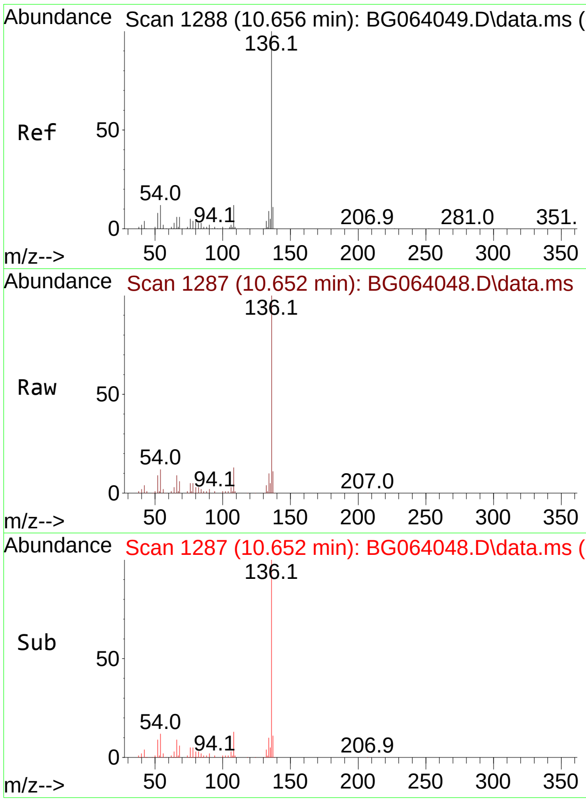
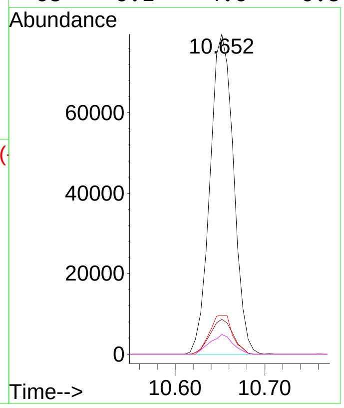
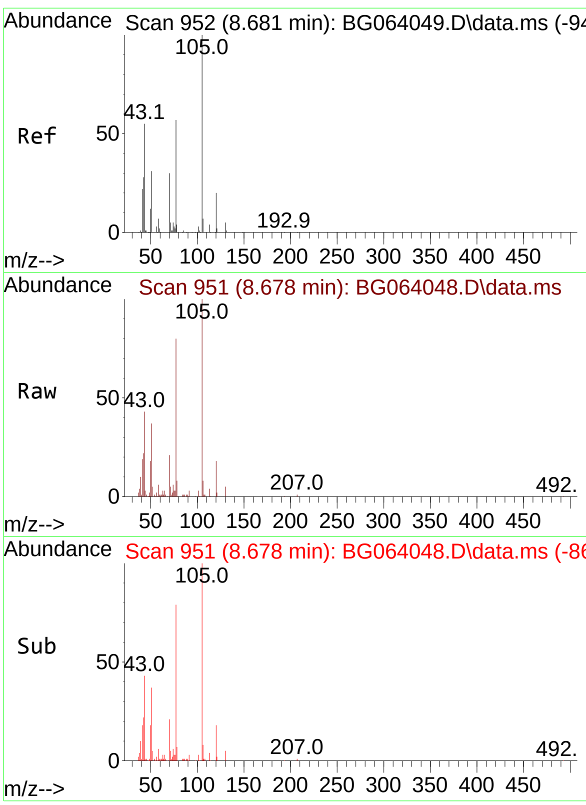
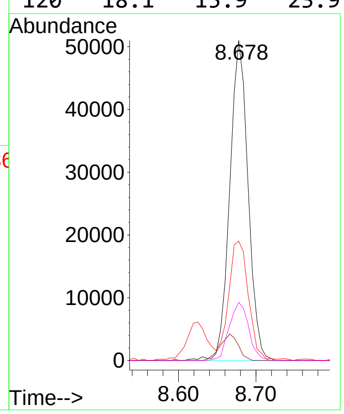



```
#21
Naphthalene-d8
Concen:    20.000 ng
RT:   10.652 min   Scan# 1
Delta R.T.   -0.004 min
Lab File:    BG064048.D
Acq:  5 Mar 2025   11:03

Tgt Ion:136 Resp:   14508
Ion  Ratio  Lower  Upper
136  100
137   10.9    8.5   12.7
 54   12.2    9.9   14.9
 68    6.1    4.6    6.8
```






```
#22
Acetophenone
Concen:    21.140 ng
RT:    8.678 min   Scan# 951
Delta R.T.   -0.004 min
Lab File:    BG064048.D
Acq:  5 Mar 2025   11:03

Tgt Ion:105 Resp:    84092
Ion  Ratio  Lower  Upper
105  100
 71    4.6    4.2    6.4
 51   37.3   33.3   49.9
120   18.1   15.9   23.9
```



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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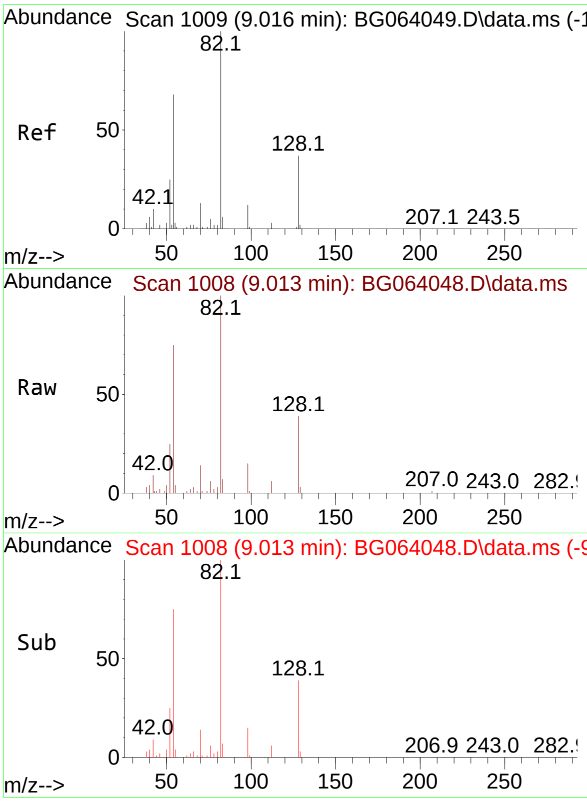
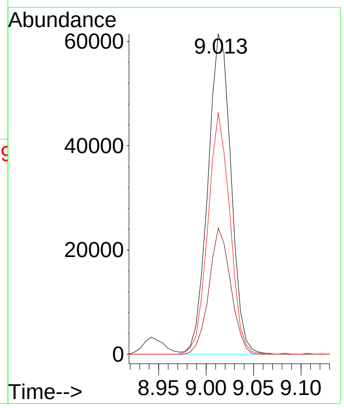
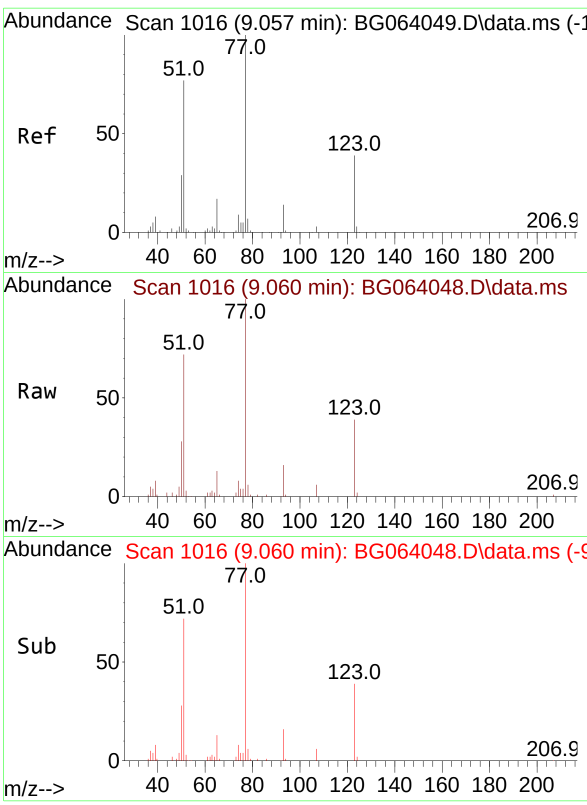
Supervised By :mohammad ahmed 03/07/2025

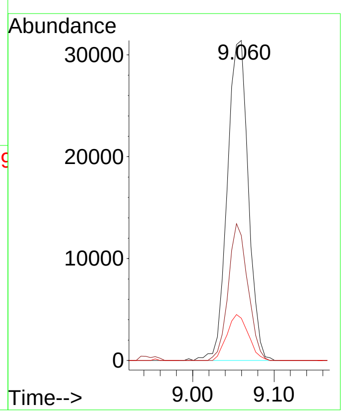



```
#23
Nitrobenzene-d5
Concen:   39.746 ng
RT:   9.013 min  Scan# 10
Delta R.T.   -0.004 min
Lab File:   BG064048.D
Acq:  5 Mar 2025  11:03

Tgt Ion: 82 Resp:  10434
Ion  Ratio  Lower  Upper
 82  100
128   39.4   30.0   45.0
 54   75.3   54.7   82.1
```






```
#24
Nitrobenzene
Concen:   20.828 ng
RT:   9.060 min  Scan# 1016
Delta R.T.   0.002 min
Lab File:   BG064048.D
Acq:  5 Mar 2025  11:03

Tgt Ion: 77 Resp:   56511
Ion  Ratio  Lower  Upper
 77  100
123   39.1   31.4   47.2
 65   13.2   13.4   20.0#
```



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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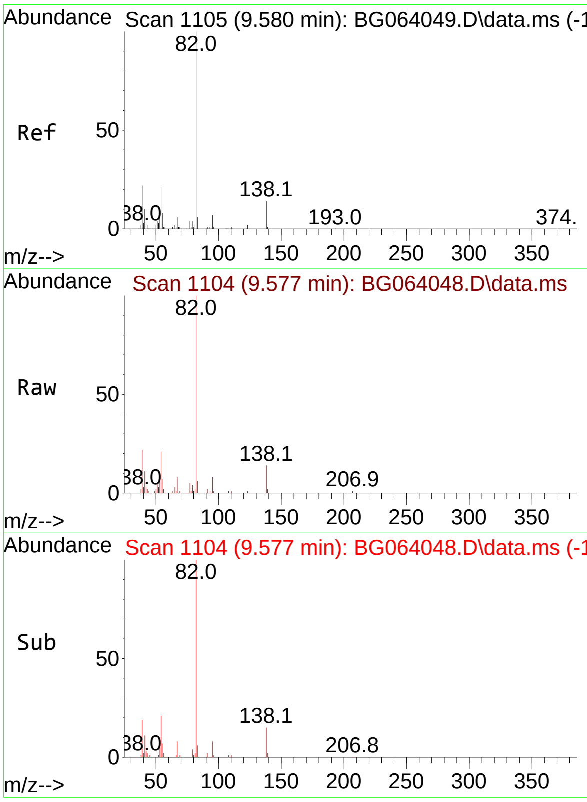
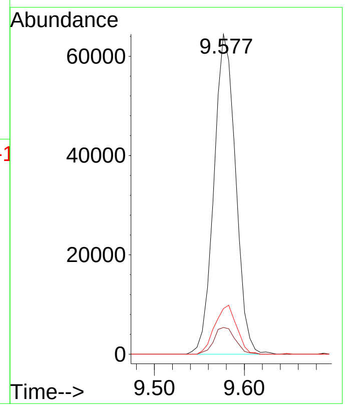
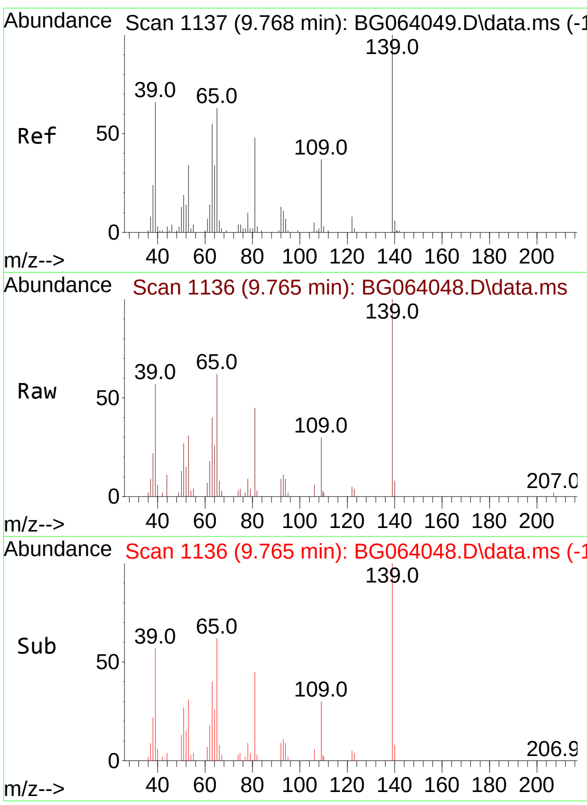


#25
Isophorone
Concen: 20.530 ng
RT: 9.577 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 82 Resp: 107881

Ion	Ratio	Lower	Upper
82	100		
95	8.3	5.8	8.8
138	14.3	10.9	16.3

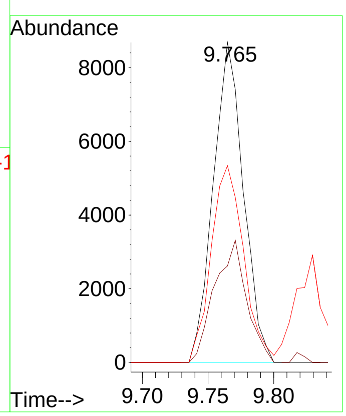


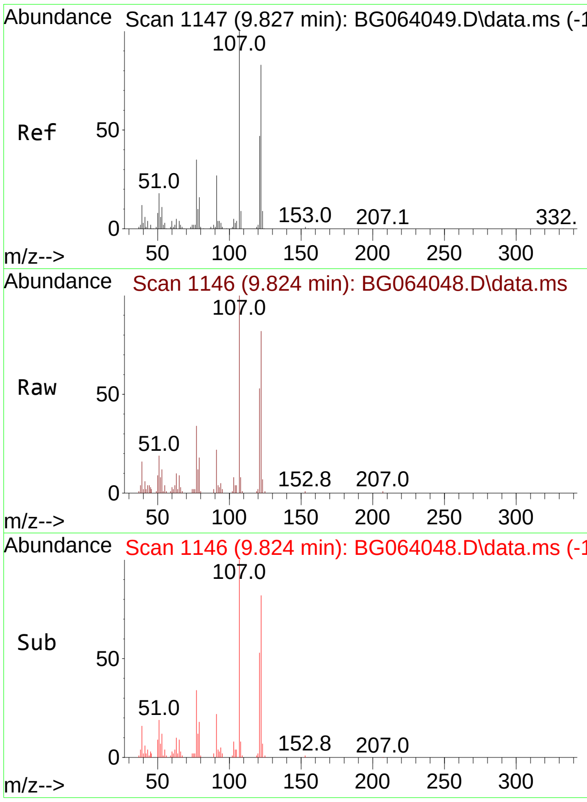


#26
2-Nitrophenol
Concen: 18.663 ng
RT: 9.765 min Scan# 1136
Delta R.T. -0.003 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:139 Resp: 13886

Ion	Ratio	Lower	Upper
139	100		
109	33.1	29.9	44.9
65	61.5	50.6	76.0





#27
2,4-Dimethylphenol
Concen: 20.322 ng
RT: 9.824 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:122 Resp: 3201

Ion	Ratio	Lower	Upper
122	100		
107	121.6	95.4	143.0
121	64.5	44.9	67.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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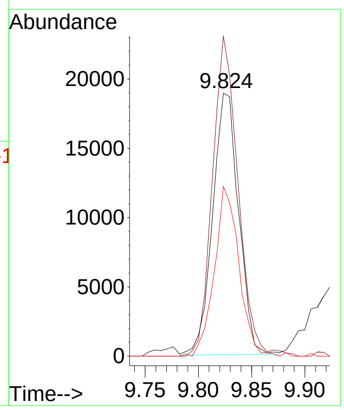
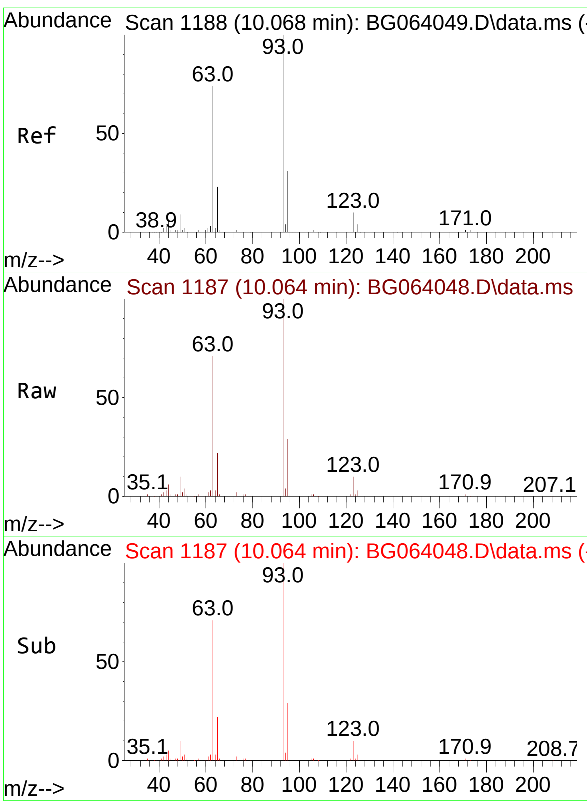
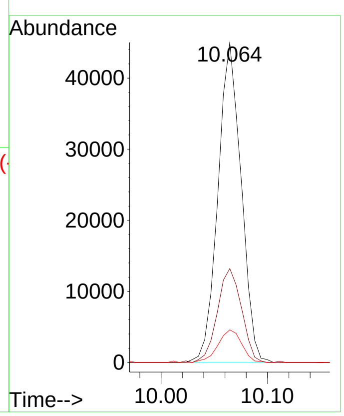


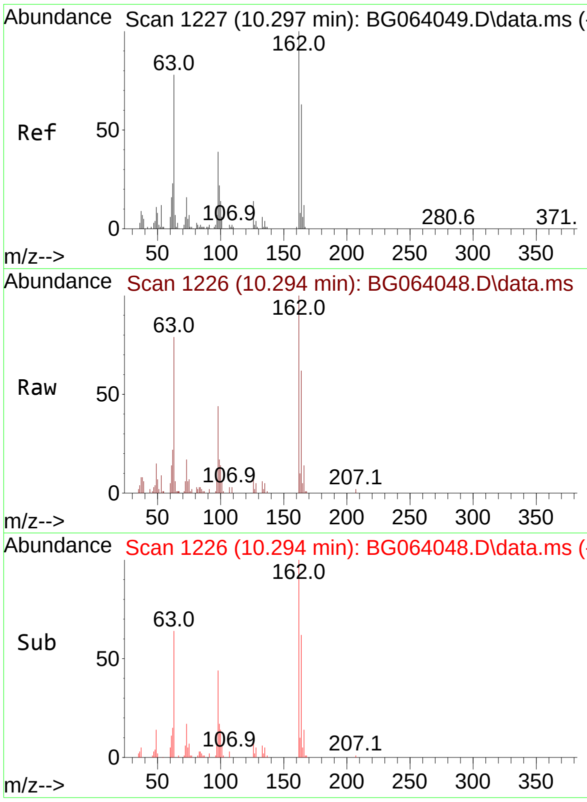


#28
bis(2-Chloroethoxy)methane
Concen: 21.327 ng
RT: 10.064 min Scan# 1187
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 93 Resp: 67945

Ion	Ratio	Lower	Upper
93	100		
95	29.3	25.0	37.4
123	10.2	7.6	11.4





#29
2,4-Dichlorophenol
Concen: 20.475 ng
RT: 10.294 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 4072

Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.8	82.8
98	44.3	19.1	59.1

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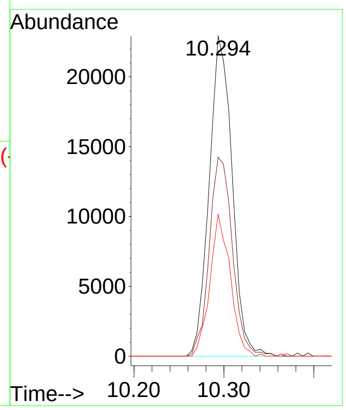
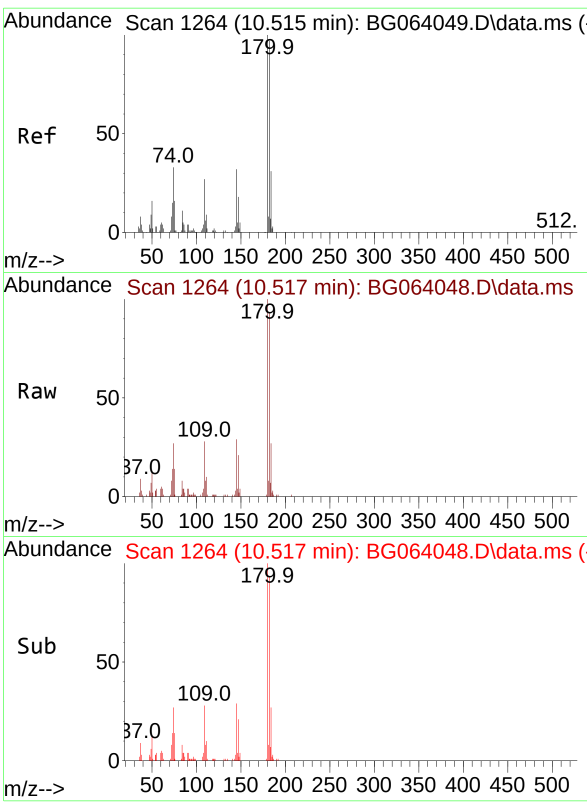
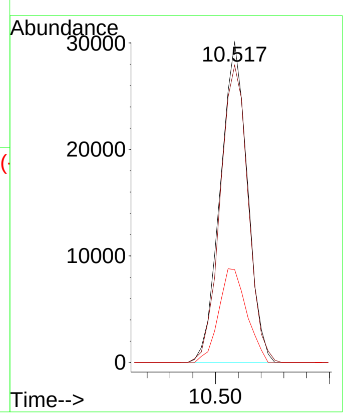




#30
1,2,4-Trichlorobenzene
Concen: 20.698 ng
RT: 10.517 min Scan# 1264
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:180 Resp: 49701

Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.3	115.9
145	29.0	25.2	37.8



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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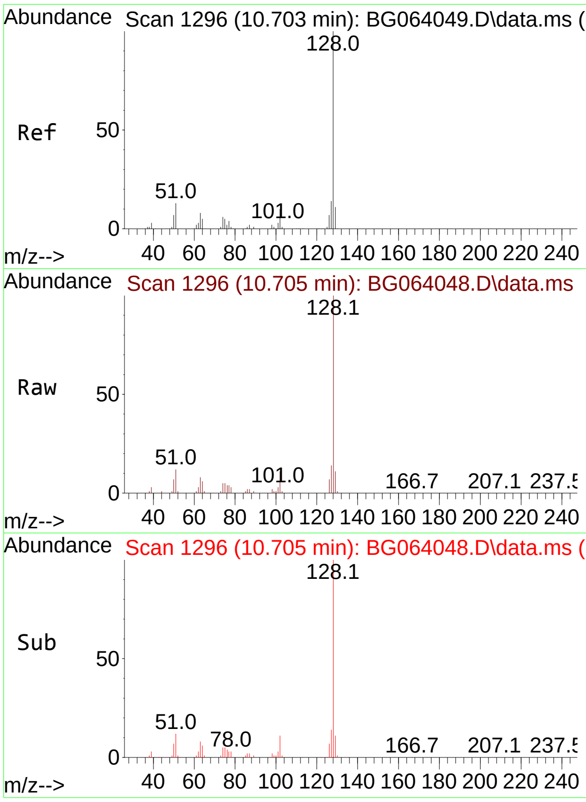
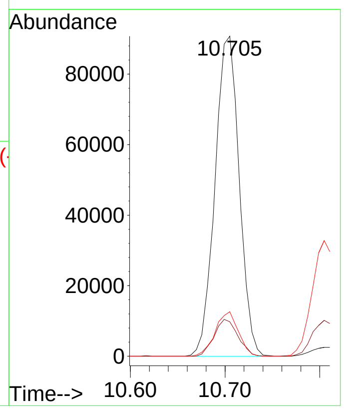
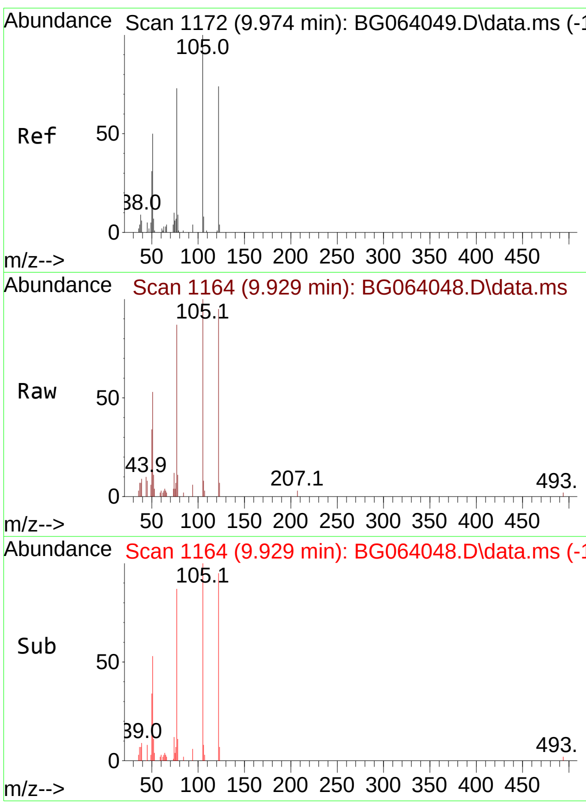


#31
Naphthalene
Concen: 20.654 ng
RT: 10.705 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:128 Resp: 16158

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	13.9	11.1	16.7

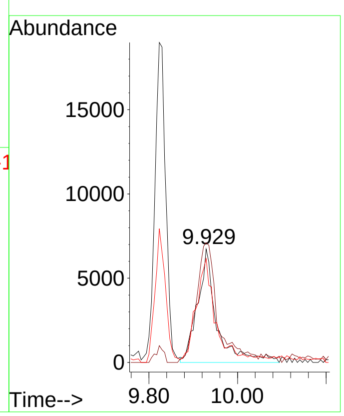




#32
Benzoic acid
Concen: 20.131 ng m
RT: 9.929 min Scan# 1164
Delta R.T. -0.045 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:122 Resp: 20223

Ion	Ratio	Lower	Upper
122	100		
105	105.6	115.0	155.0#
77	91.5	80.9	120.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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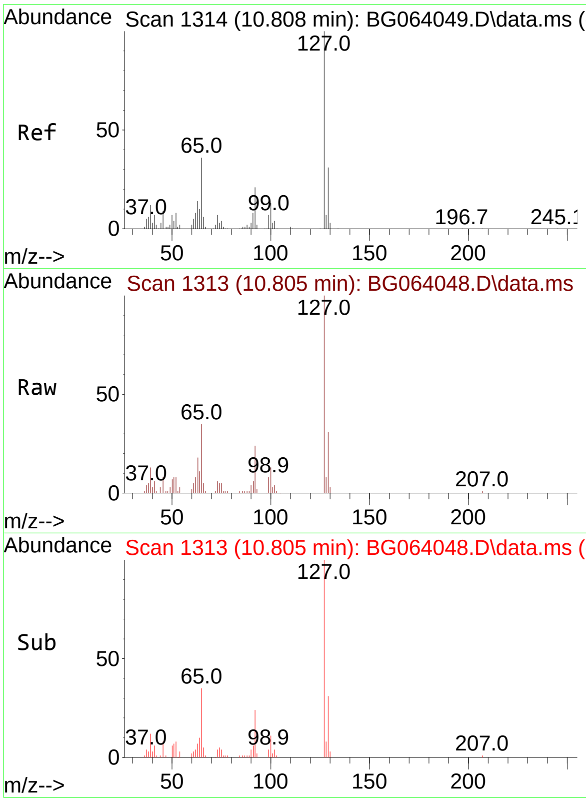
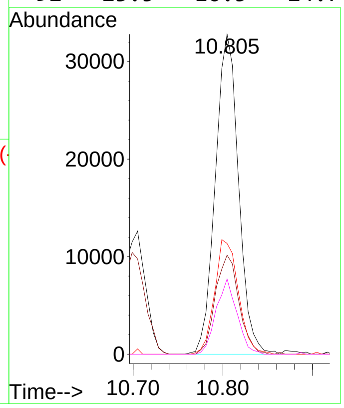
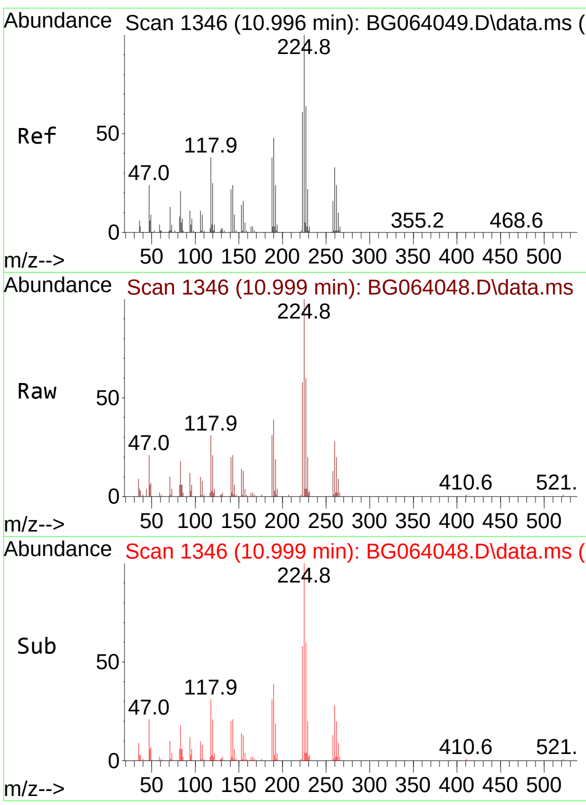


#33
4-Chloroaniline
Concen: 20.668 ng
RT: 10.805 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:127 Resp: 5909

Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.0	37.4
65	34.6	28.5	42.7
92	23.5	16.5	24.7

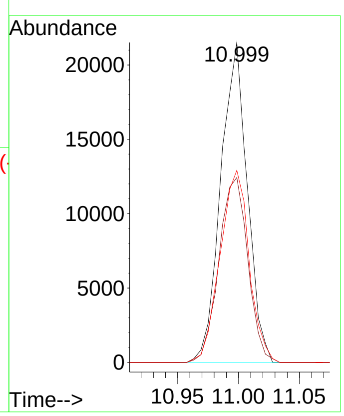




#34
Hexachlorobutadiene
Concen: 20.760 ng
RT: 10.999 min Scan# 1346
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:225 Resp: 32675

Ion	Ratio	Lower	Upper
225	100		
223	57.8	48.5	72.7
227	60.1	51.0	76.6



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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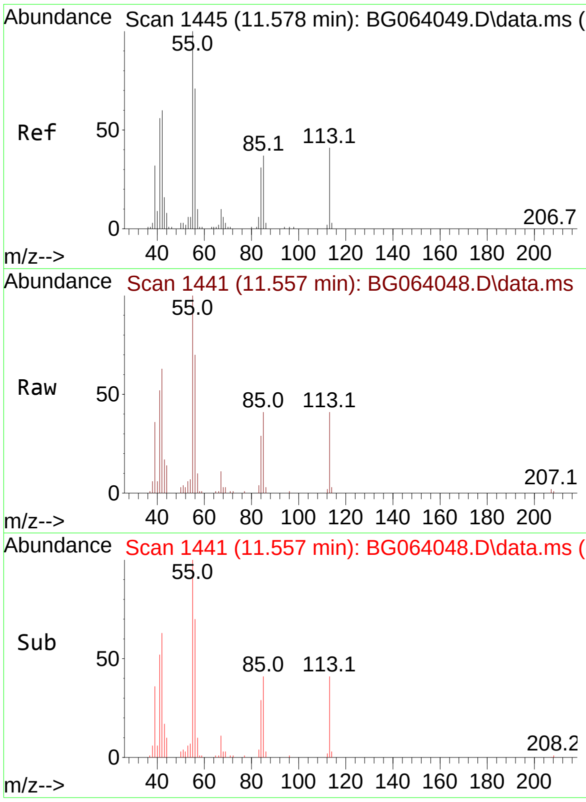
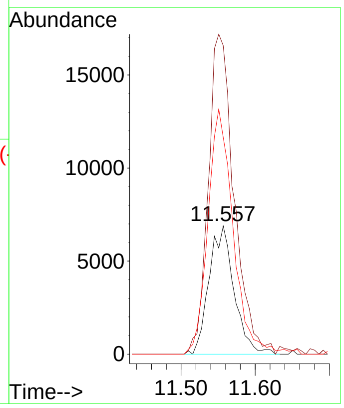
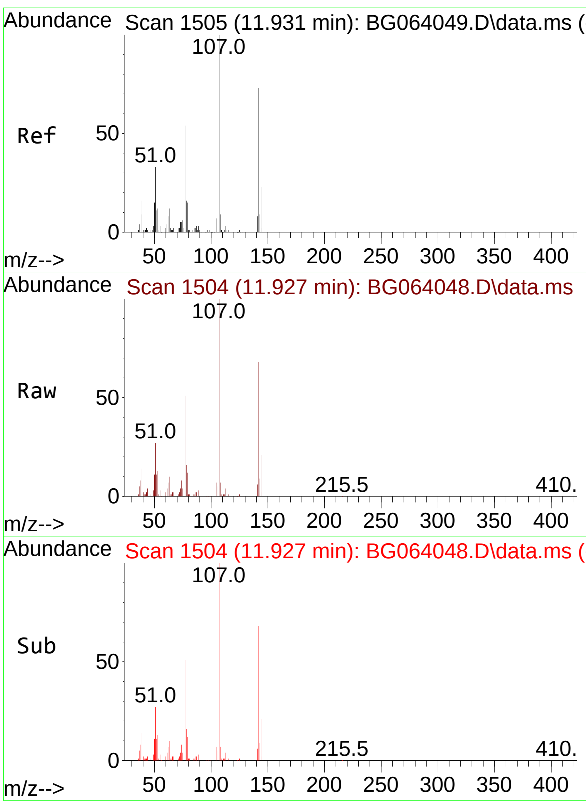
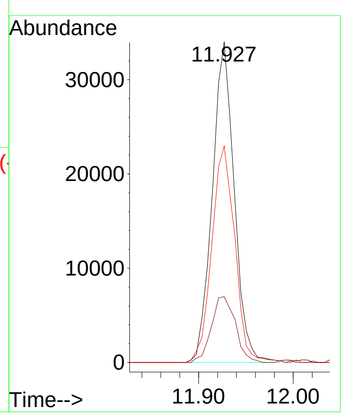


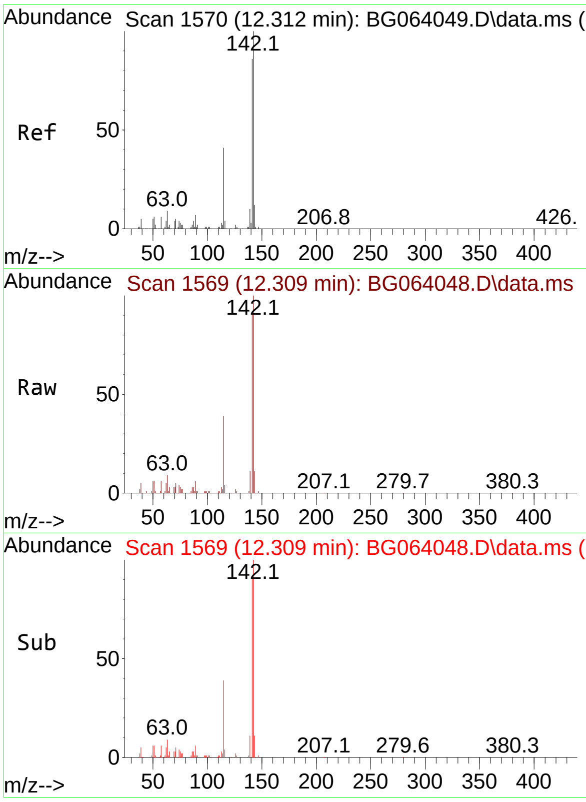

```
#35
Caprolactam
Concen:   21.319 ng
RT:  11.557 min  Scan# 14
Delta R.T.  -0.021 min
Lab File:   BG064048.D
Acq:  5 Mar 2025  11:03

Tgt Ion:113 Resp:   1625
Ion  Ratio  Lower  Upper
113  100
 55  241.0  225.2  265.2
 56  169.2  153.4  193.4
```






```
#36
4-Chloro-3-methylphenol
Concen:   21.103 ng
RT:  11.927 min  Scan# 1504
Delta R.T.  -0.004 min
Lab File:   BG064048.D
Acq:  5 Mar 2025  11:03

Tgt Ion:107 Resp:   55024
Ion  Ratio  Lower  Upper
107  100
144   20.5   18.6   28.0
142   67.6   58.0   87.0
```





#37
2-Methylnaphthalene
Concen: 20.696 ng
RT: 12.309 min Scan# 1!
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 11430!

Ion	Ratio	Lower	Upper
142	100		
141	92.5	68.6	103.0
115	39.4	32.8	49.2

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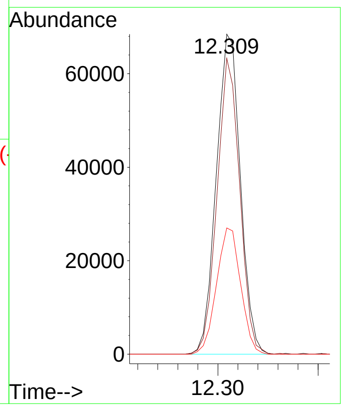
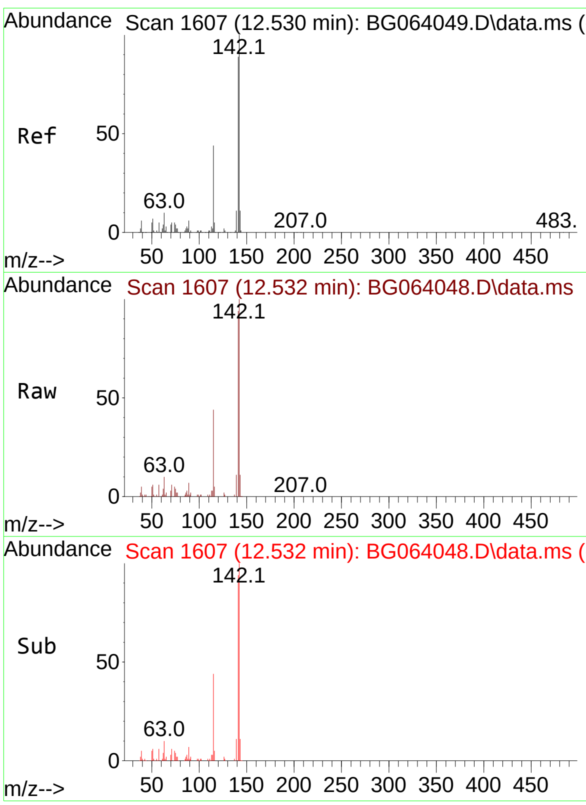
Supervised By :mohammad ahmed 03/07/2025

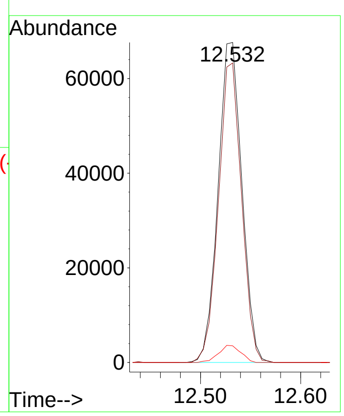




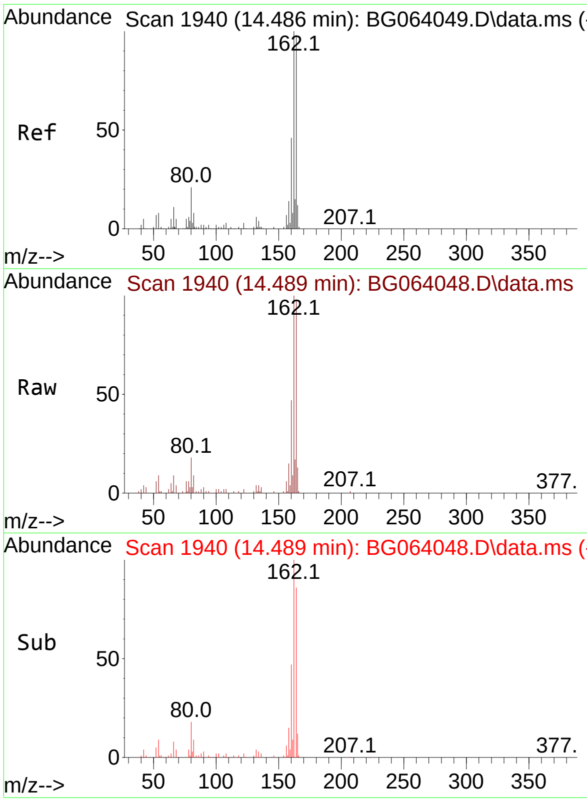
#38
1-Methylnaphthalene
Concen: 20.668 ng
RT: 12.532 min Scan# 1607
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:142 Resp: 111828

Ion	Ratio	Lower	Upper
142	100		
141	93.6	71.2	106.8
116	5.2	3.6	5.4



ICAL Form



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.489 min Scan# 19
Delta R.T. 0.003 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:164 Resp: 10233

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.4	122.0
160	48.6	37.0	55.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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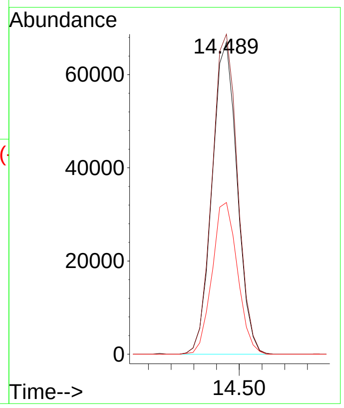
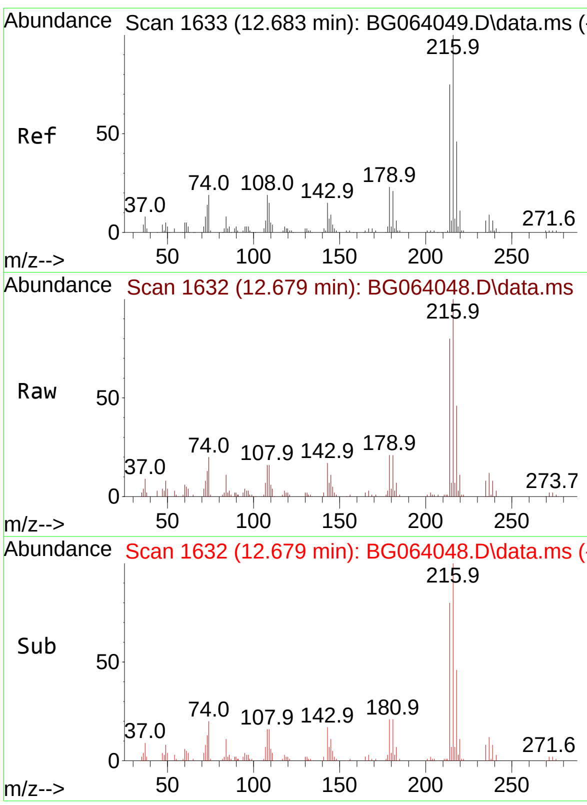
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

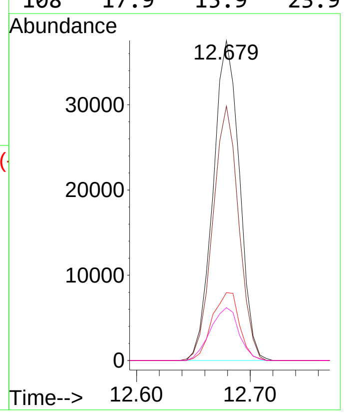




#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.727 ng
RT: 12.679 min Scan# 1632
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:216 Resp: 60556

Ion	Ratio	Lower	Upper
216	100		
214	78.2	61.7	92.5
179	22.0	17.9	26.9
108	17.9	15.9	23.9



ICAL Form

Instrument : BNA_G
ClientSampleId : SSTDICC020

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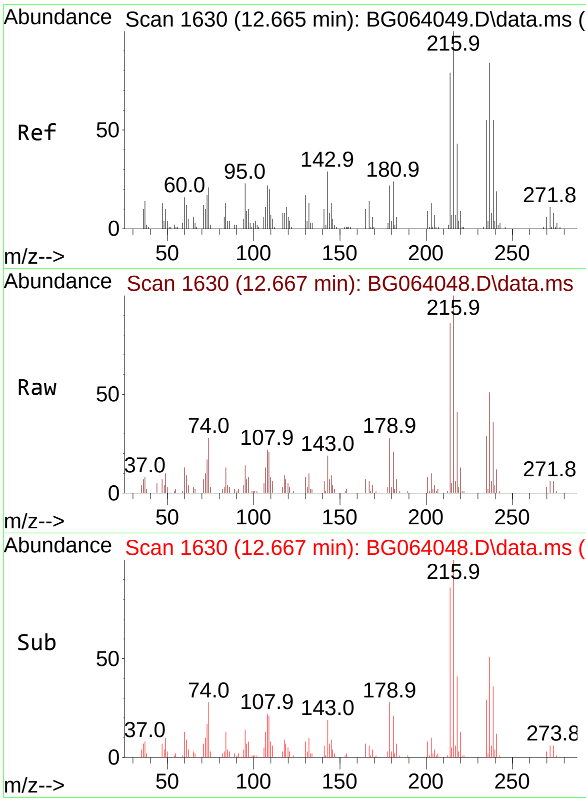
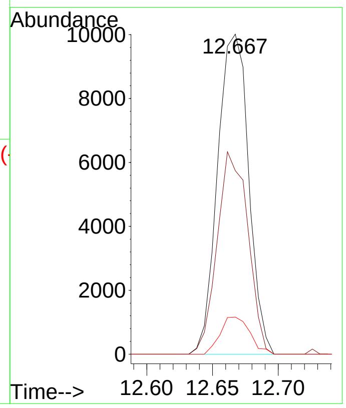
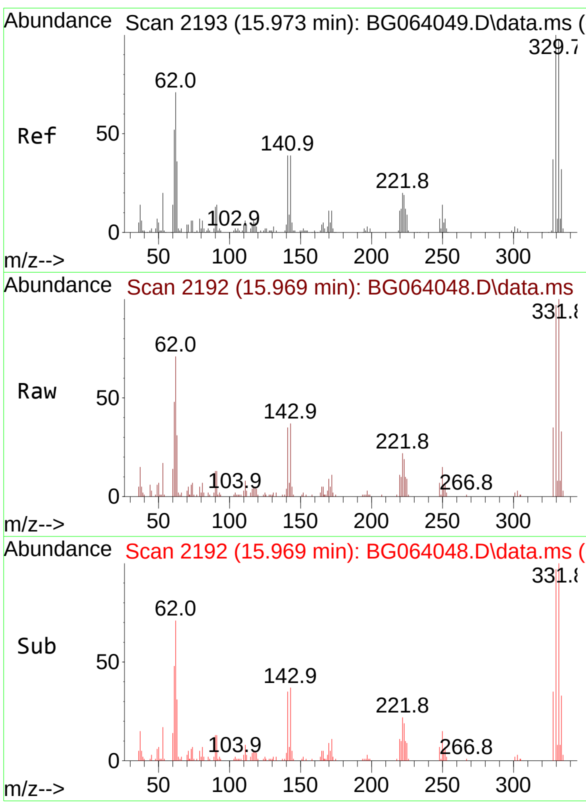


#41
Hexachlorocyclopentadiene
Concen: 20.029 ng
RT: 12.667 min Scan# 1(
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:237 Resp: 1647(

Ion	Ratio	Lower	Upper
237	100		
235	57.4	46.0	86.0
272	11.6	0.0	32.8

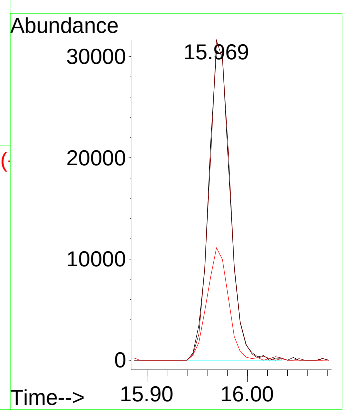




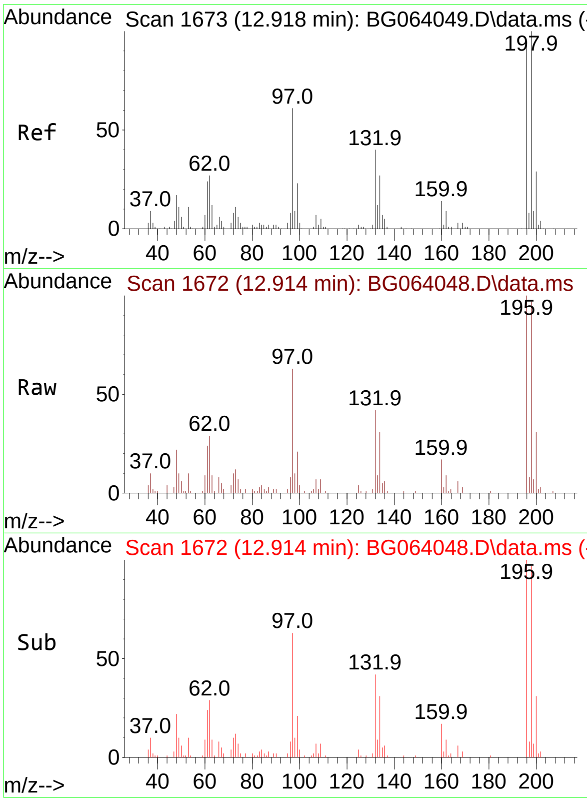
#42
2,4,6-Tribromophenol
Concen: 40.723 ng
RT: 15.969 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:330 Resp: 46324

Ion	Ratio	Lower	Upper
330	100		
332	99.8	76.7	115.1
141	35.7	29.7	44.5



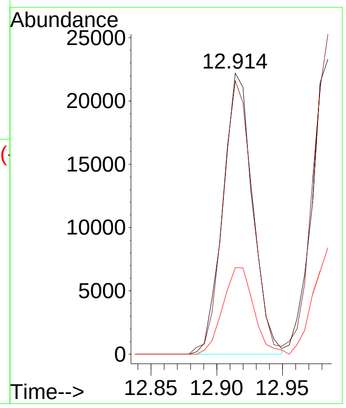
ICAL Form



#43
2,4,6-Trichlorophenol
Concen: 20.264 ng
RT: 12.914 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:196 Resp: 3489

Ion	Ratio	Lower	Upper
196	100		
198	97.3	85.6	128.4
200	30.8	24.6	37.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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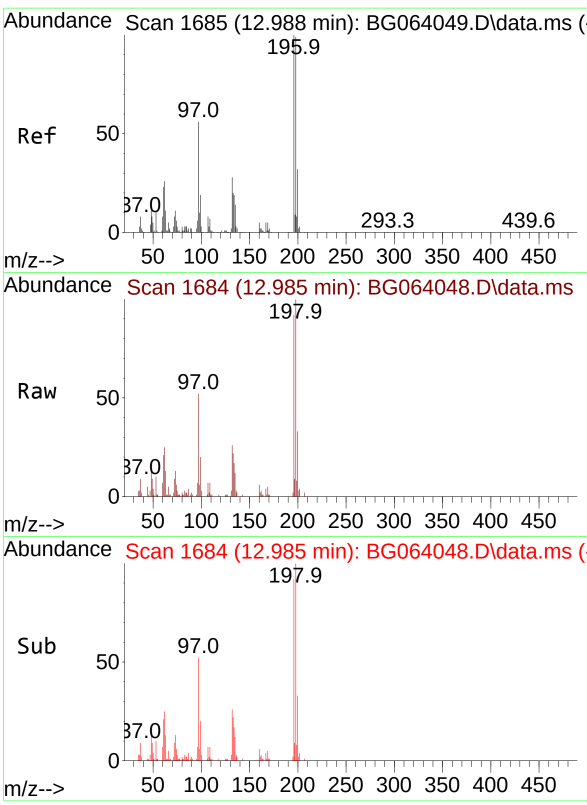
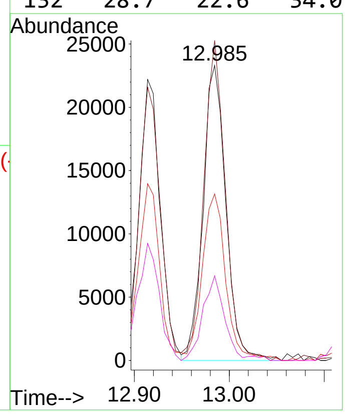


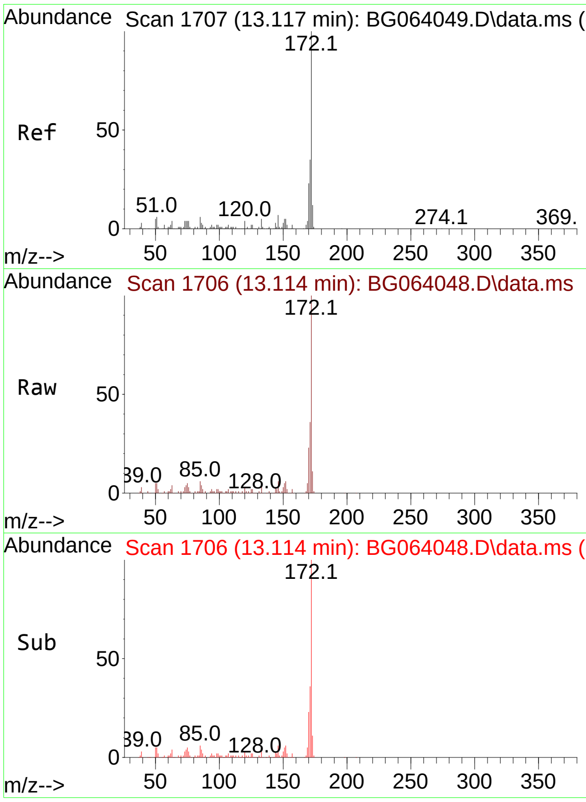
#44
2,4,5-Trichlorophenol
Concen: 20.381 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:196 Resp: 38995

Ion	Ratio	Lower	Upper
196	100		
198	108.4	79.5	119.3
97	56.4	45.2	67.8
132	28.7	22.6	34.0



ICAL Form



#45
2-Fluorobiphenyl
Concen: 41.267 ng
RT: 13.114 min   Scan# 1
Delta R.T.   -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025   11:03

Tgt Ion:172 Resp: 27822

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.0	42.0
170	22.9	18.7	28.1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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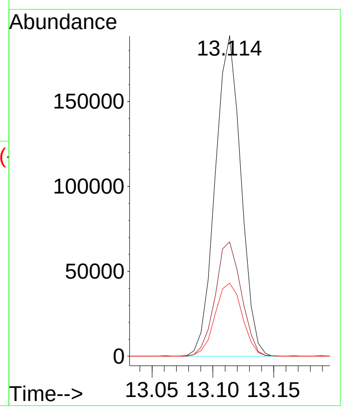
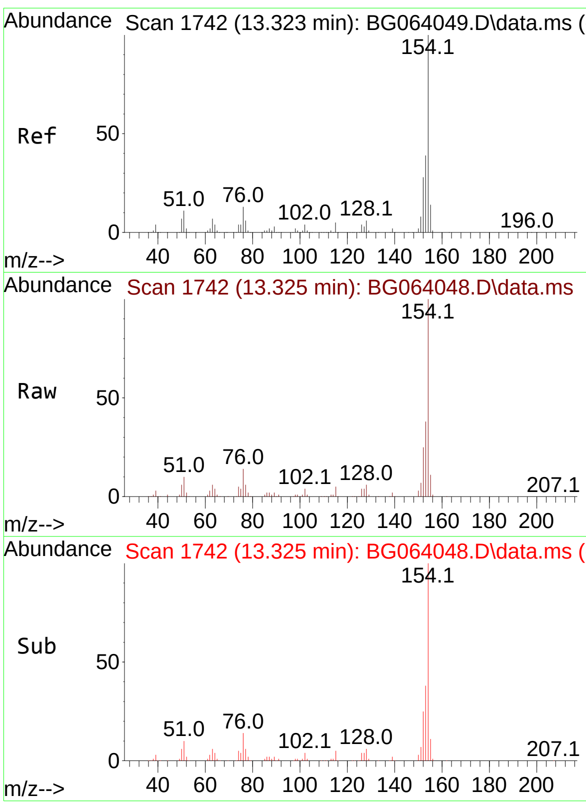
Supervised By :mohammad ahmed   03/07/2025

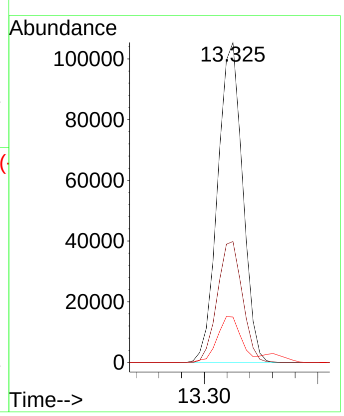




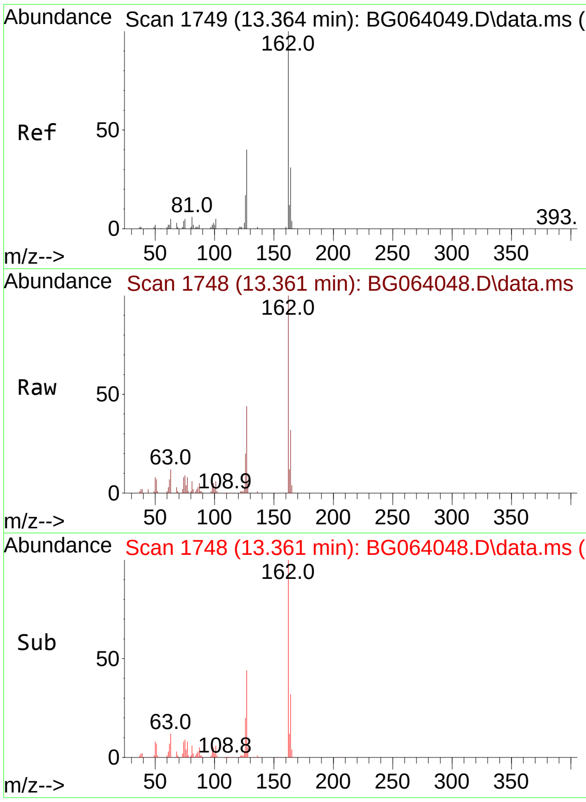
#46
1,1'-Biphenyl
Concen: 20.803 ng
RT: 13.325 min   Scan# 1742
Delta R.T.   0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025   11:03

Tgt Ion:154 Resp: 160835

Ion	Ratio	Lower	Upper
154	100		
153	37.8	19.5	59.5
76	14.2	0.0	33.5



ICAL Form



#47
2-Chloronaphthalene
Concen: 19.971 ng
RT: 13.361 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 11261

Ion	Ratio	Lower	Upper
162	100		
127	44.1	35.0	52.4
164	32.3	25.0	37.6

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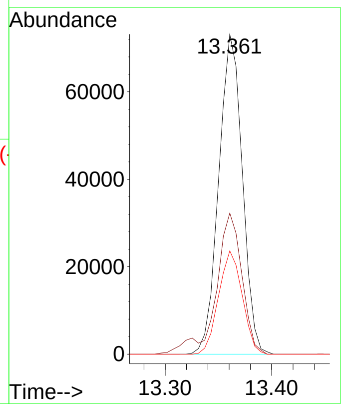
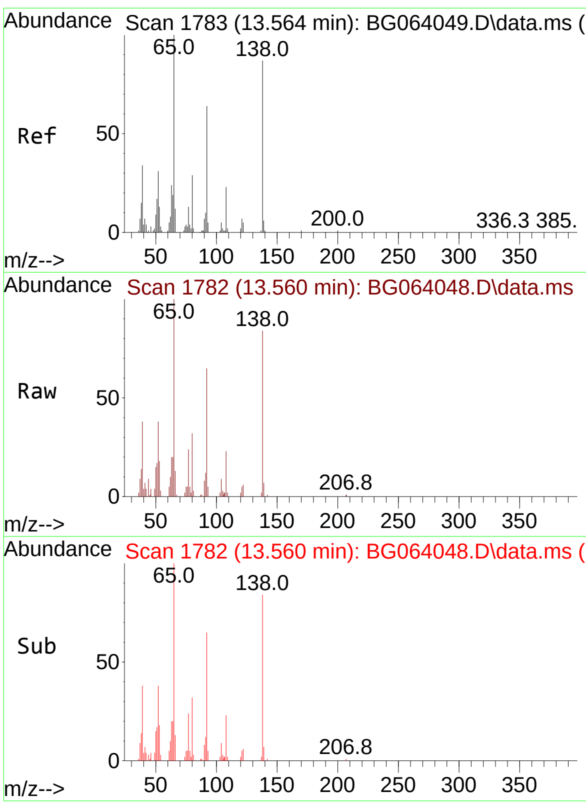
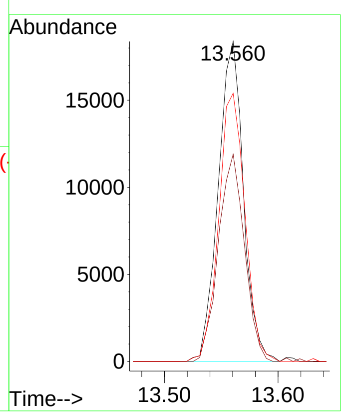




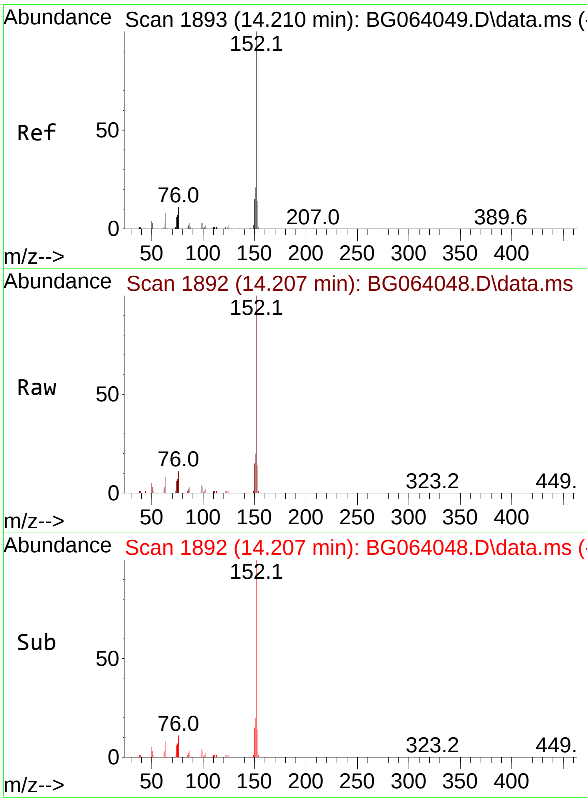
#48
2-Nitroaniline
Concen: 18.684 ng
RT: 13.560 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 65 Resp: 28373

Ion	Ratio	Lower	Upper
65	100		
92	64.8	51.2	76.8
138	83.8	69.4	104.2



ICAL Form



#49
Acenaphthylene
Concen: 20.571 ng
RT: 14.207 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:152 Resp: 18346

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	14.0	10.9	16.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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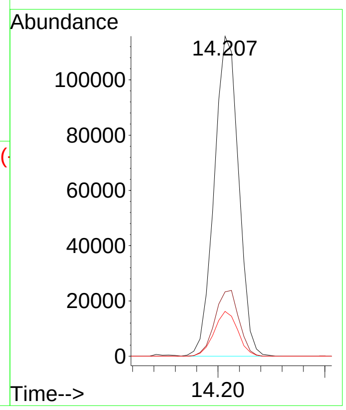
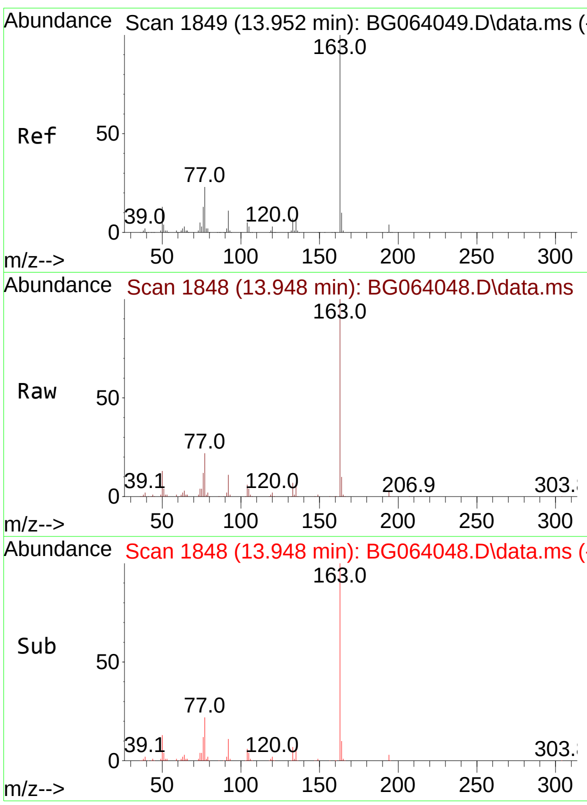
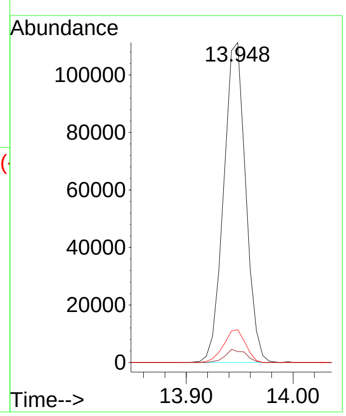




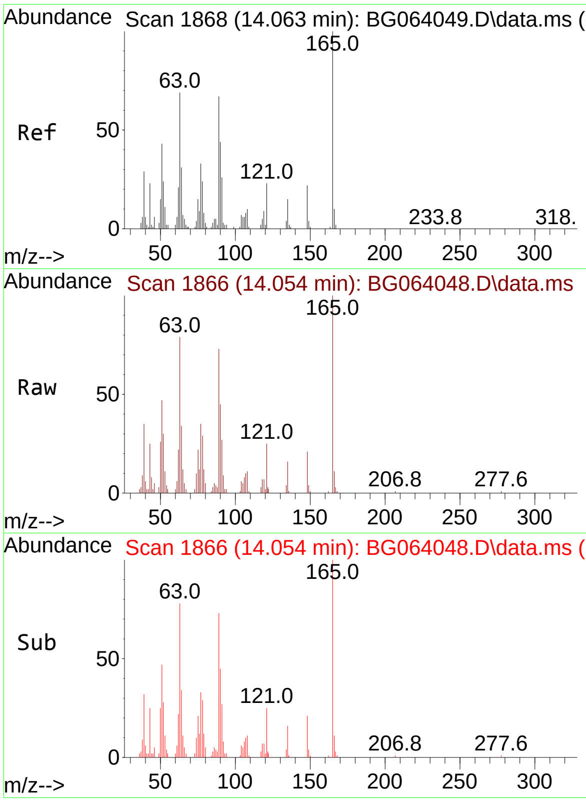
#50
Dimethylphthalate
Concen: 21.114 ng
RT: 13.948 min Scan# 1848
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:163 Resp: 159500

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.3	8.2	12.2



ICAL Form



#51
2,6-Dinitrotoluene
Concen: 19.614 ng
RT: 14.054 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 2678

Ion	Ratio	Lower	Upper
165	100		
63	79.1	56.7	85.1
89	72.5	53.7	80.5

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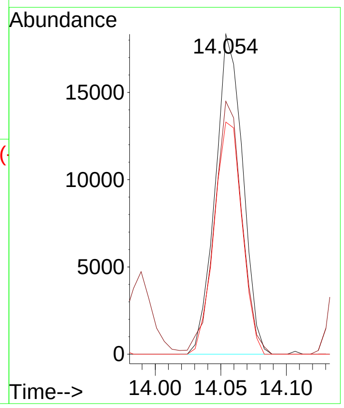
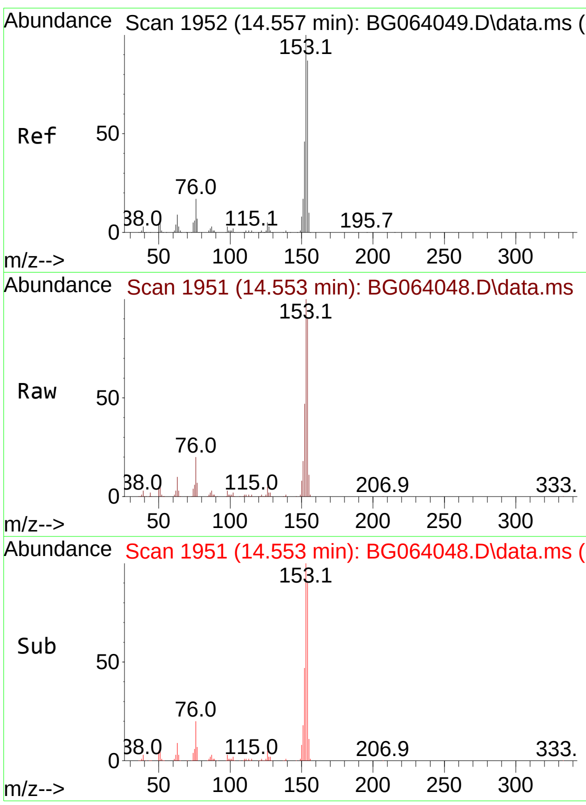
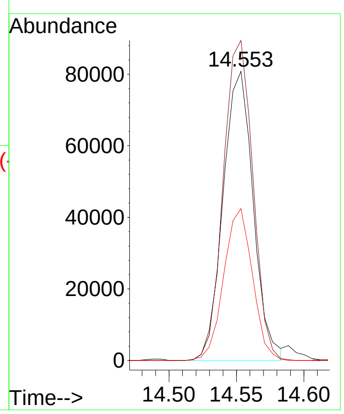




#52
Acenaphthene
Concen: 20.997 ng m
RT: 14.553 min Scan# 1951
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:154 Resp: 125939

Ion	Ratio	Lower	Upper
154	100		
153	110.7	91.6	137.4
152	52.5	42.5	63.7



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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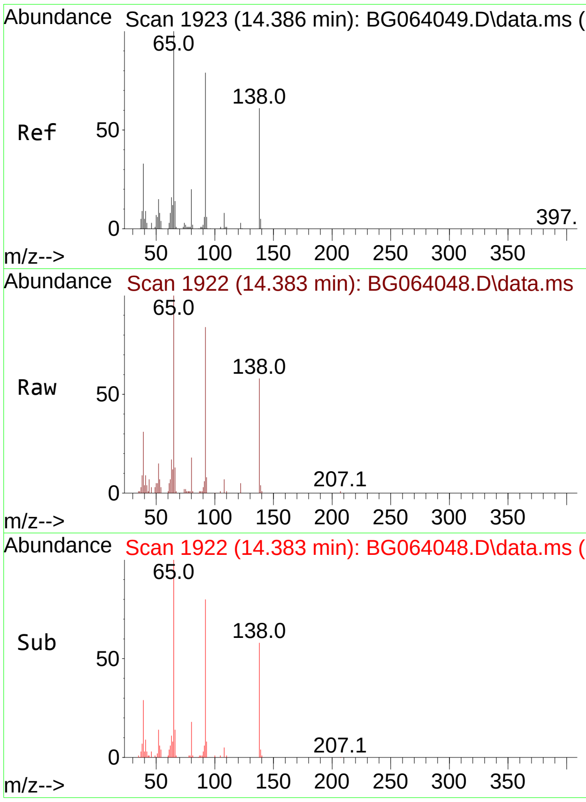
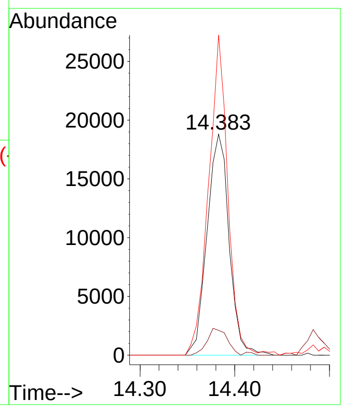
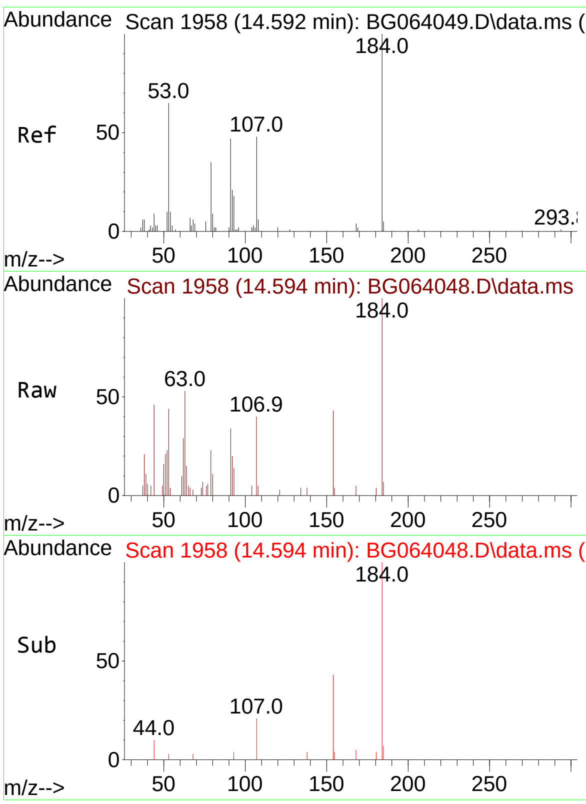


#53
3-Nitroaniline
Concen: 20.902 ng
RT: 14.383 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:138 Resp: 3051

Ion	Ratio	Lower	Upper
138	100		
108	11.2	10.1	15.1
92	144.8	104.1	156.1

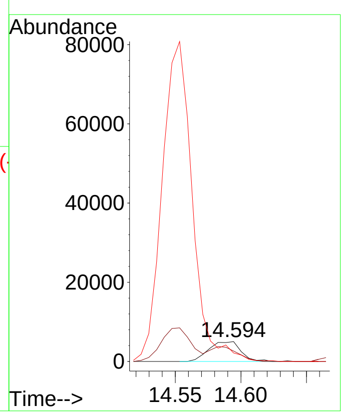




#54
2,4-Dinitrophenol
Concen: 19.958 ng
RT: 14.594 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:184 Resp: 8560

Ion	Ratio	Lower	Upper
184	100		
63	52.7	57.5	86.3#
154	42.8	52.3	78.5#



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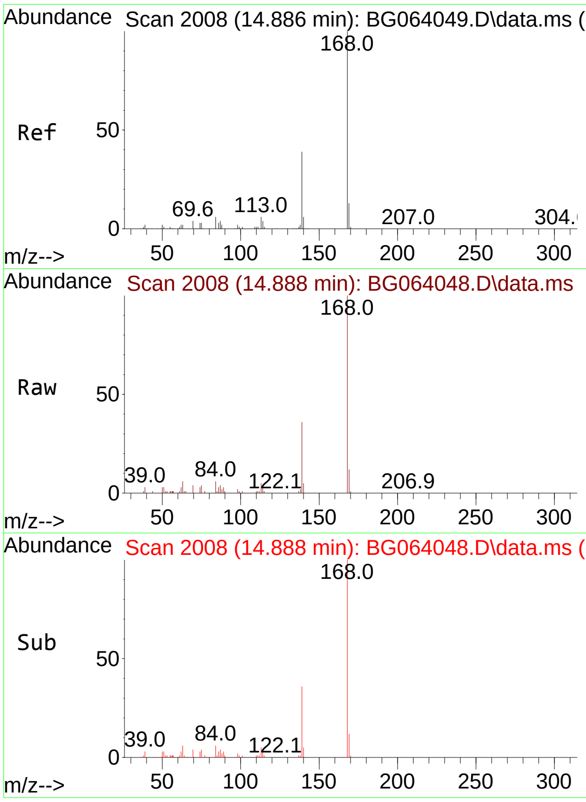

#55
Dibenzofuran
Concen: 20.856 ng
RT: 14.888 min Scan# 2(
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:168 Resp: 20223

Ion	Ratio	Lower	Upper
168	100		
139	36.2	31.1	46.7
169	11.9	10.5	15.7

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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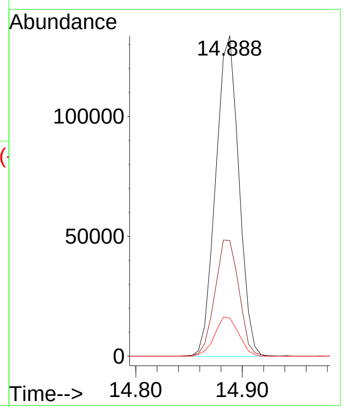
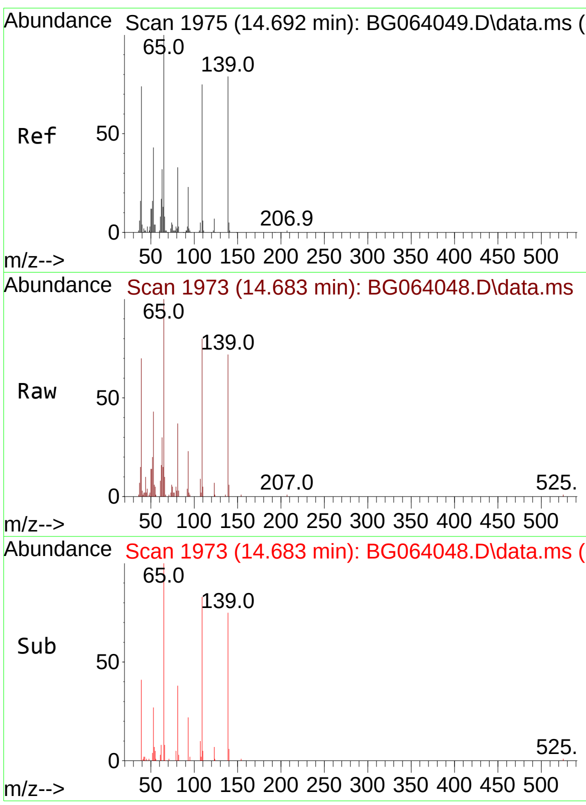
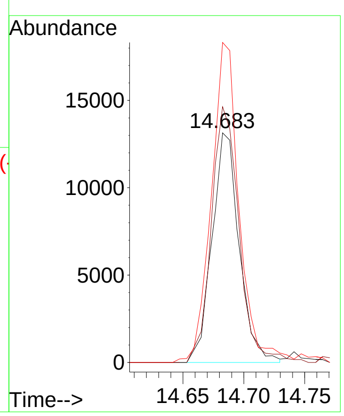




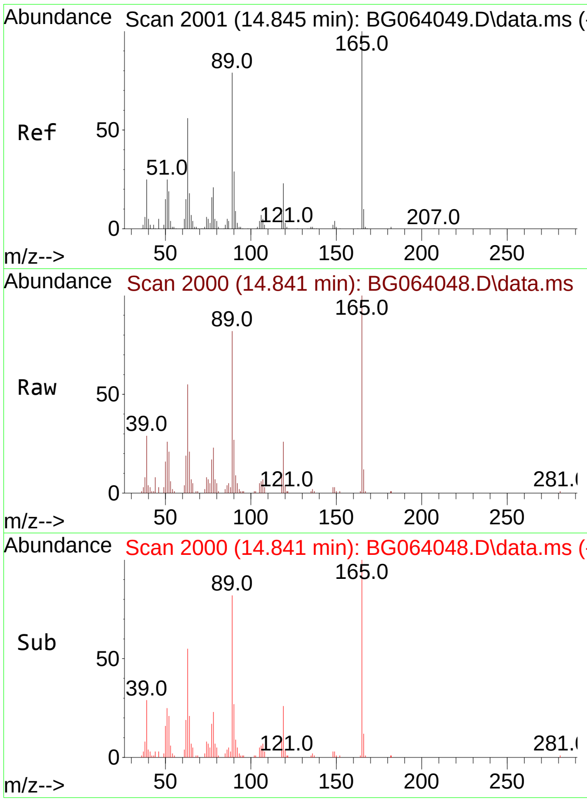
#56
4-Nitrophenol
Concen: 16.681 ng
RT: 14.683 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:139 Resp: 20425

Ion	Ratio	Lower	Upper
139	100		
109	111.3	74.9	114.9
65	139.3	106.8	146.8



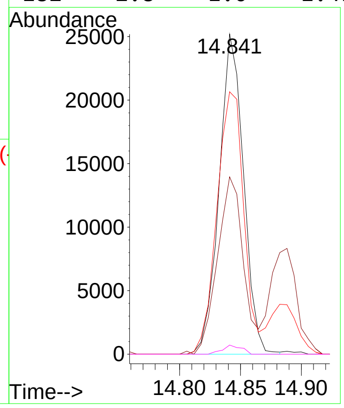
ICAL Form



#57
2,4-Dinitrotoluene
Concen: 19.015 ng
RT: 14.841 min Scan# 2(
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:165 Resp: 35171

Ion	Ratio	Lower	Upper
165	100		
63	55.4	45.0	67.6
89	82.0	63.1	94.7
182	2.8	1.0	1.4#



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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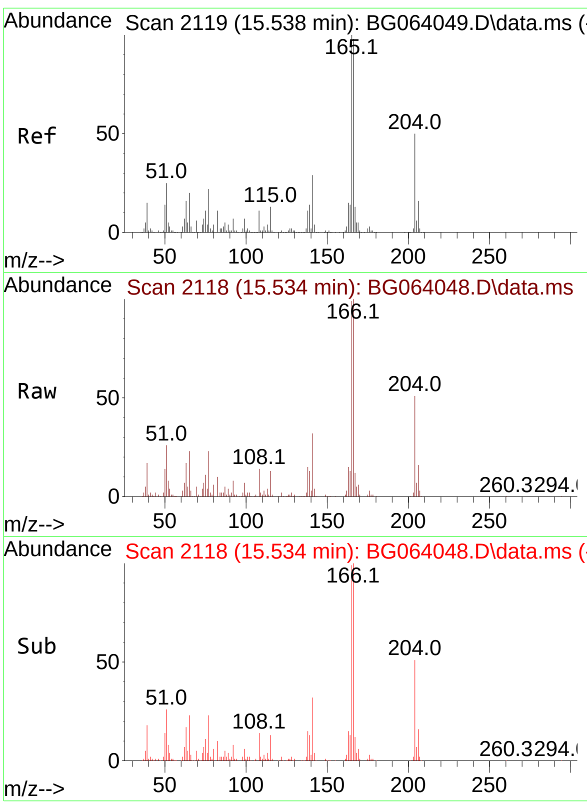
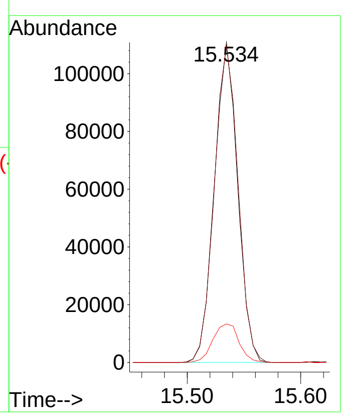


#58
Fluorene
Concen: 20.894 ng
RT: 15.534 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:166 Resp: 157795

Ion	Ratio	Lower	Upper
166	100		
165	99.0	81.8	122.8
167	12.0	10.8	16.2



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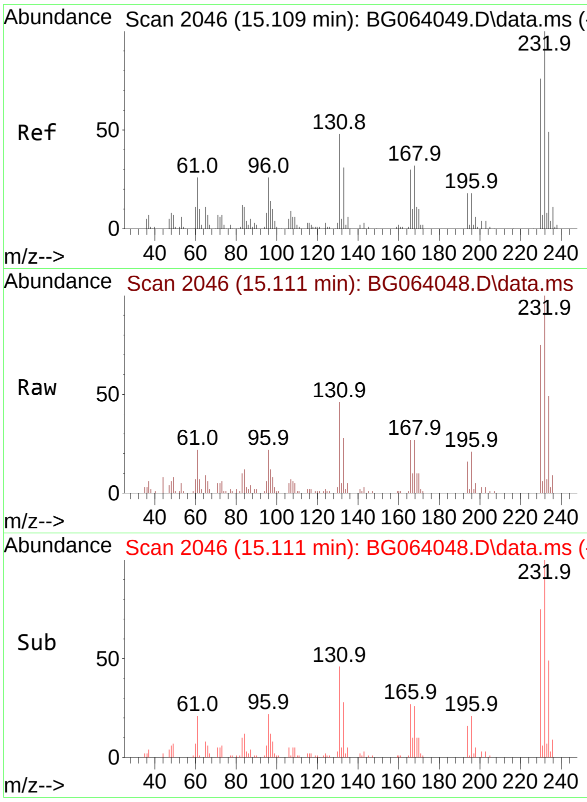

#59
2,3,4,6-Tetrachlorophenol
Concen: 21.310 ng
RT: 15.111 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 3974

Ion	Ratio	Lower	Upper
232	100		
131	44.8	36.3	54.5
130	2.8	1.9	2.9
166	28.7	22.8	34.2

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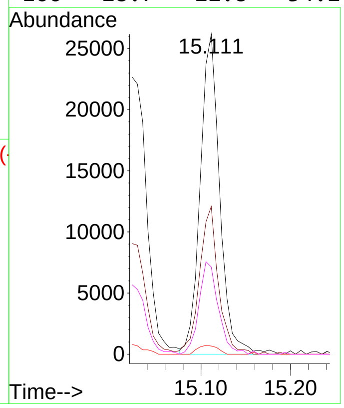
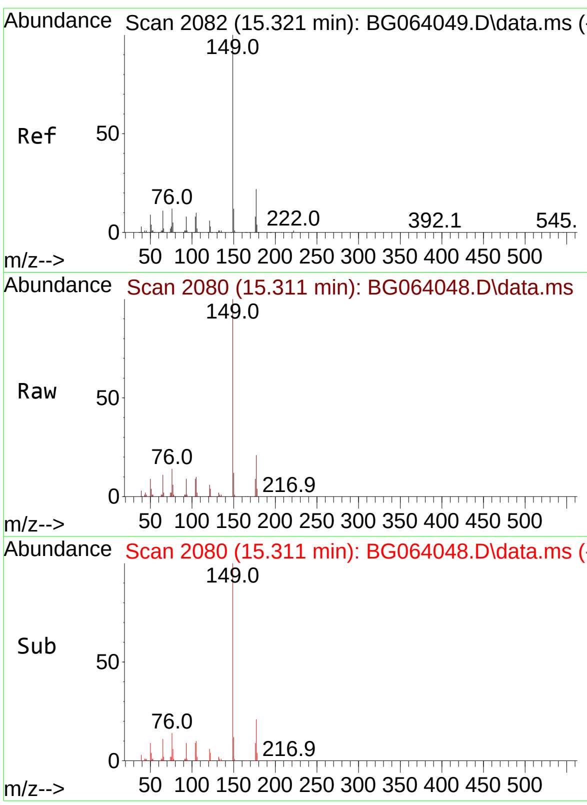
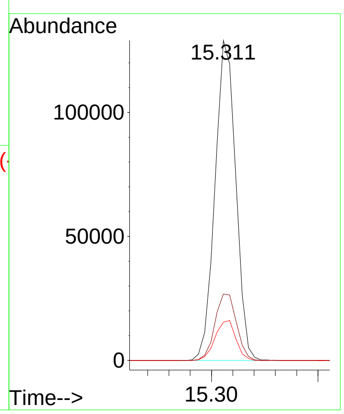




#60
Diethylphthalate
Concen: 21.324 ng
RT: 15.311 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:149 Resp: 174872

Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.4	26.2
150	12.0	9.4	14.2



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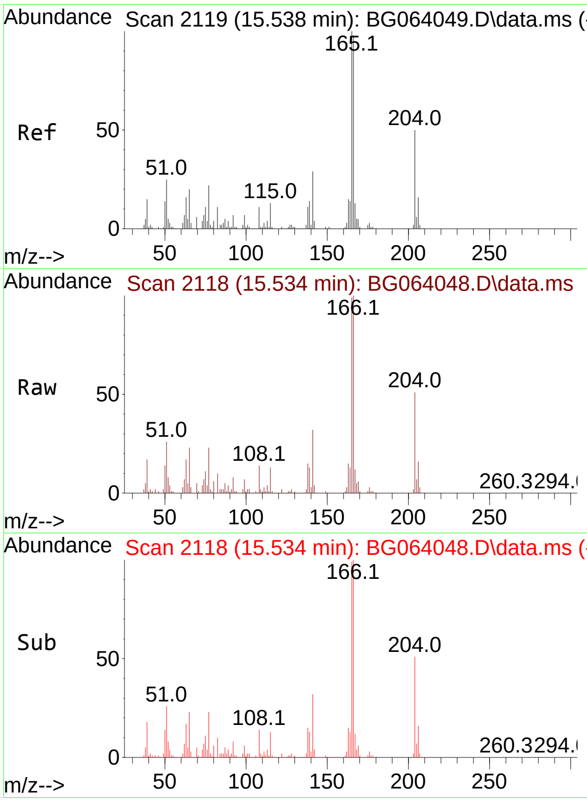

#61
4-Chlorophenyl-phenylether
Concen: 21.477 ng
RT: 15.534 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 8060

Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.5	38.3
141	61.9	45.4	68.0

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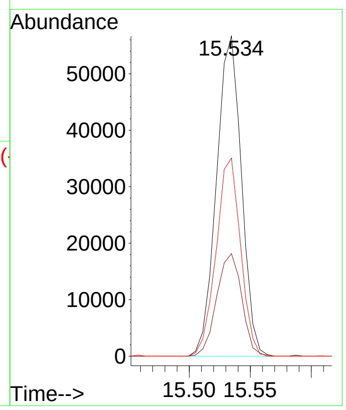
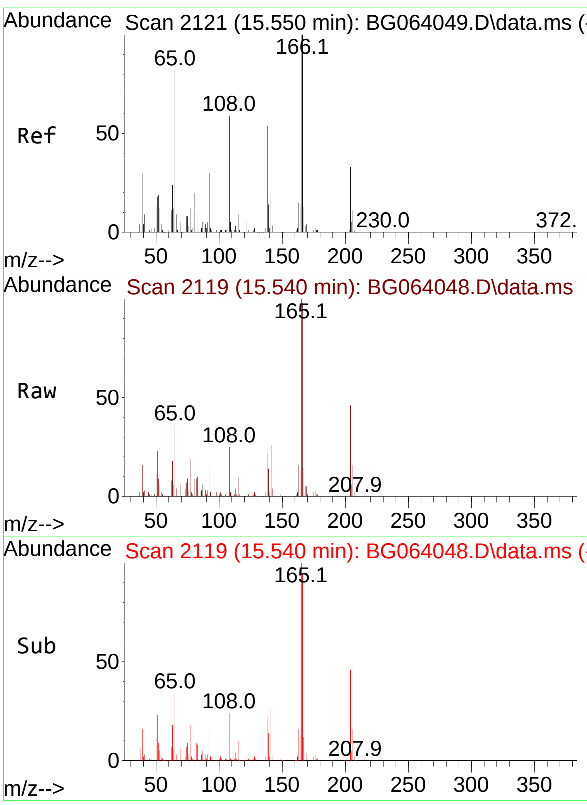
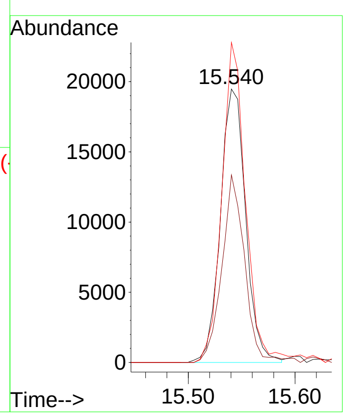




#62
4-Nitroaniline
Concen: 20.301 ng
RT: 15.540 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:138 Resp: 32000

Ion	Ratio	Lower	Upper
138	100		
92	68.6	36.1	76.1
108	117.0	87.9	127.9



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Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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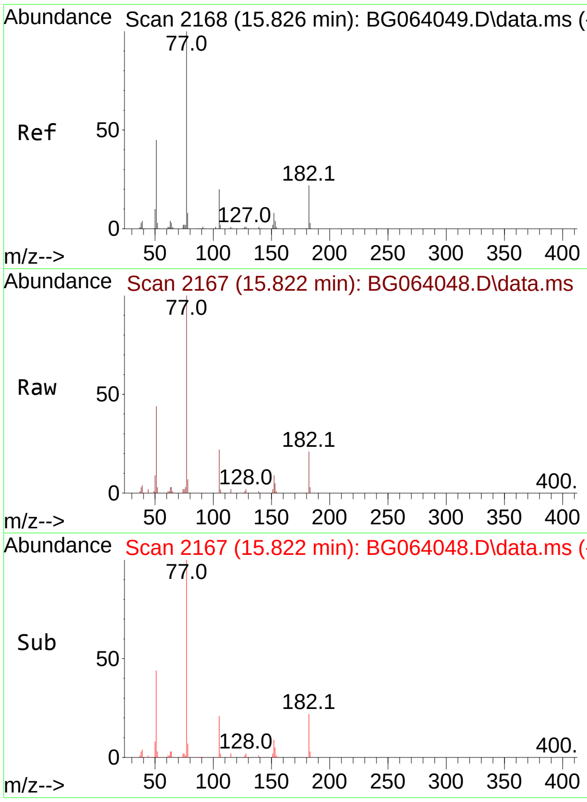
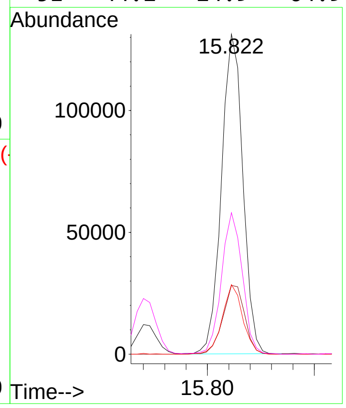
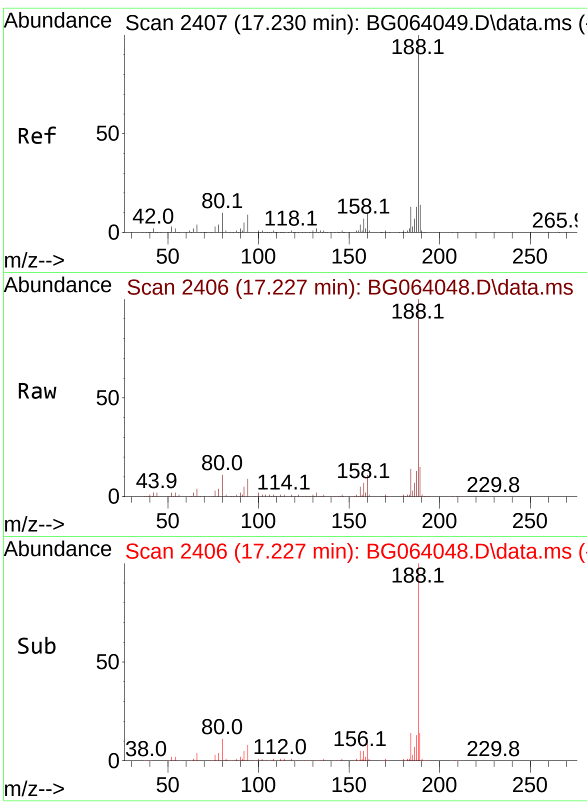


#63
Azobenzene
Concen: 20.868 ng
RT: 15.822 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion: 77 Resp: 18261

Ion	Ratio	Lower	Upper
77	100		
182	21.5	2.4	42.4
105	21.7	0.0	40.0
51	44.2	24.9	64.9

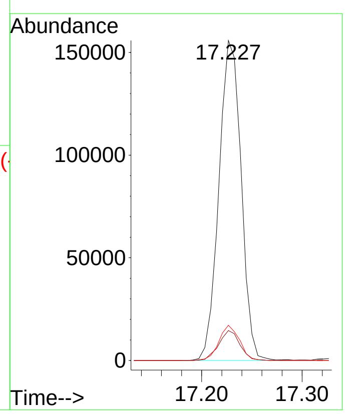




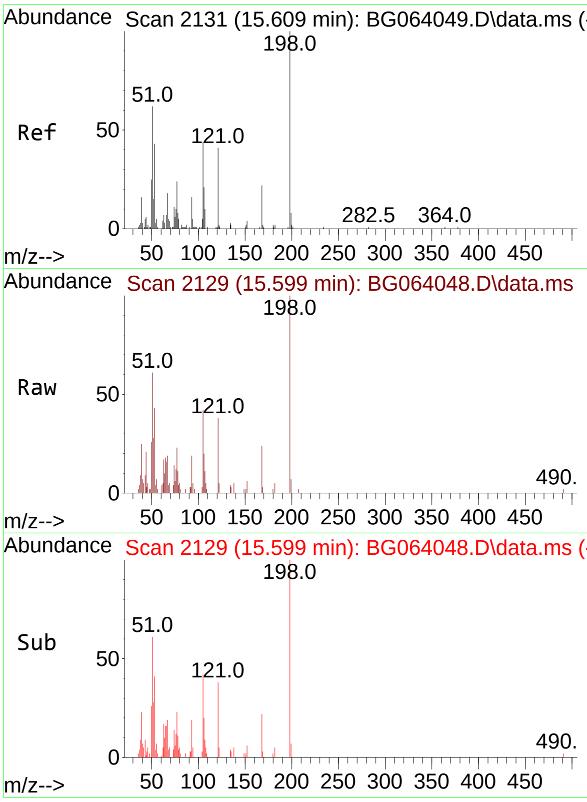
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:188 Resp: 239469

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.9	10.3
80	11.0	8.1	12.1



ICAL Form



#65
4,6-Dinitro-2-methylphenol
Concen: 19.469 ng
RT: 15.599 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 1407

Ion	Ratio	Lower	Upper
198	100		
51	61.3	45.6	85.6
105	41.8	25.3	65.3

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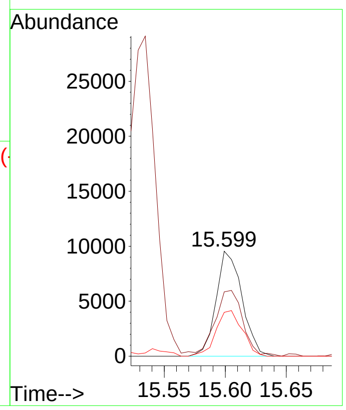
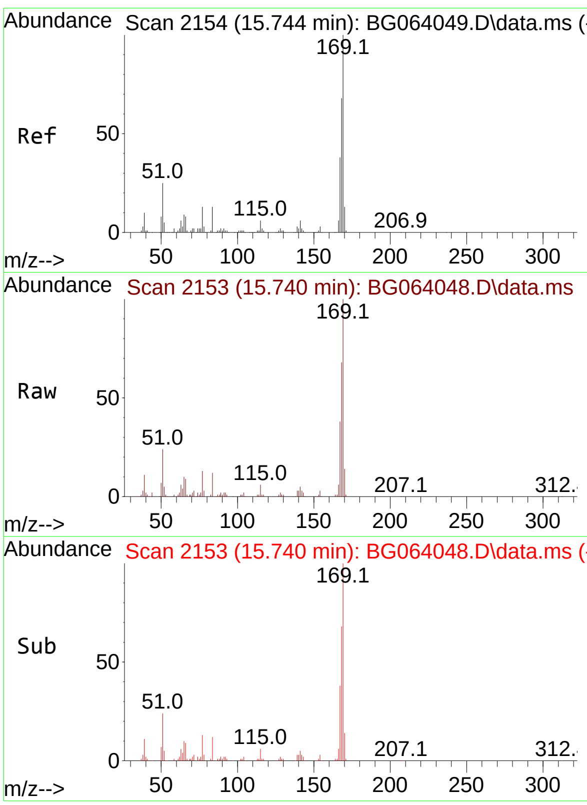
Supervised By :mohammad ahmed 03/07/2025

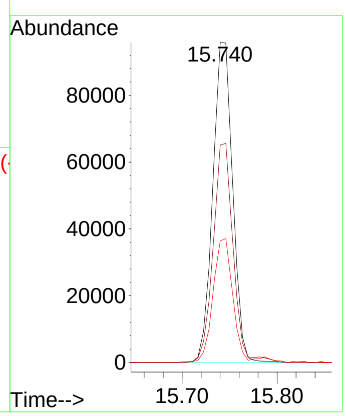




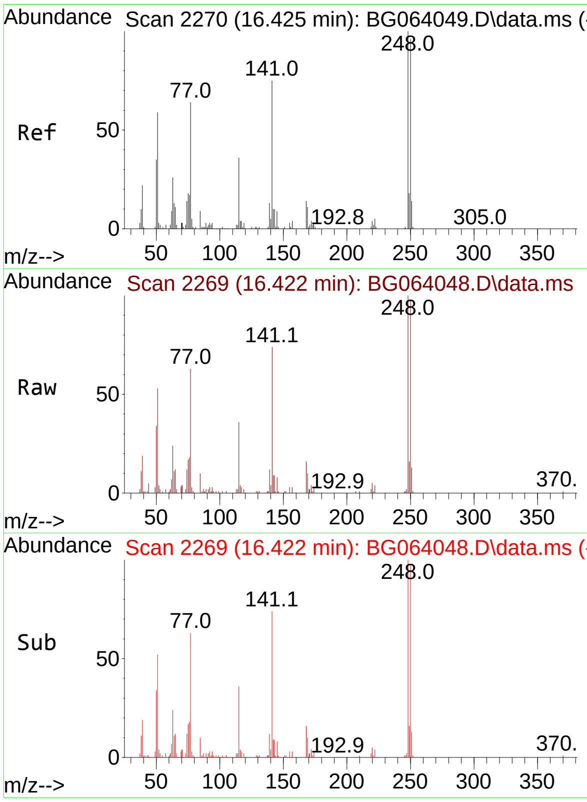
#66
n-Nitrosodiphenylamine
Concen: 20.573 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:169 Resp: 139451

Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.1	81.1
167	38.0	30.3	45.5



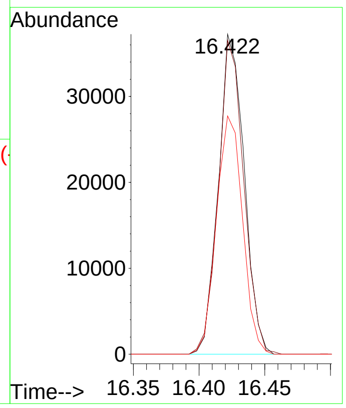
ICAL Form



#67
4-Bromophenyl-phenylether
Concen: 20.740 ng
RT: 16.422 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:248 Resp: 5086

Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.1	115.7
141	74.4	59.8	89.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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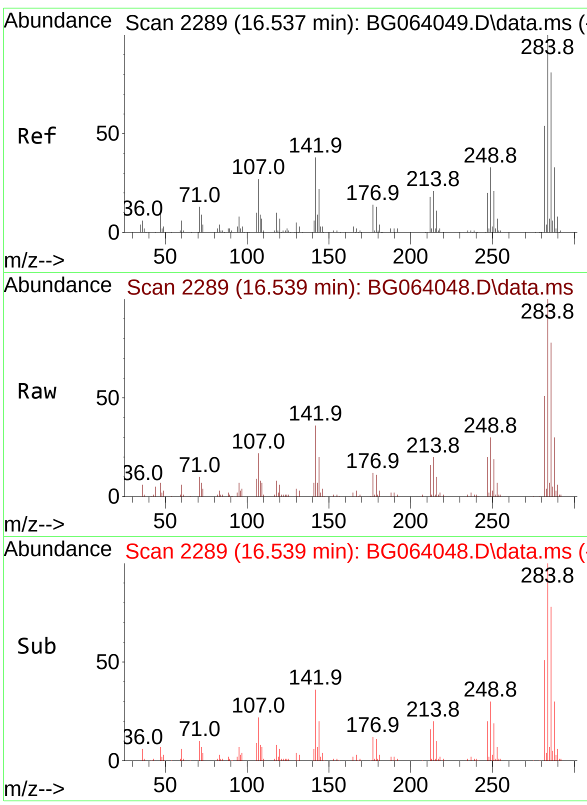
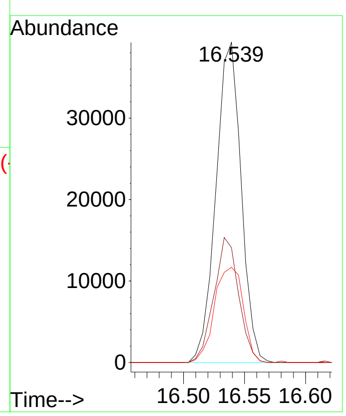
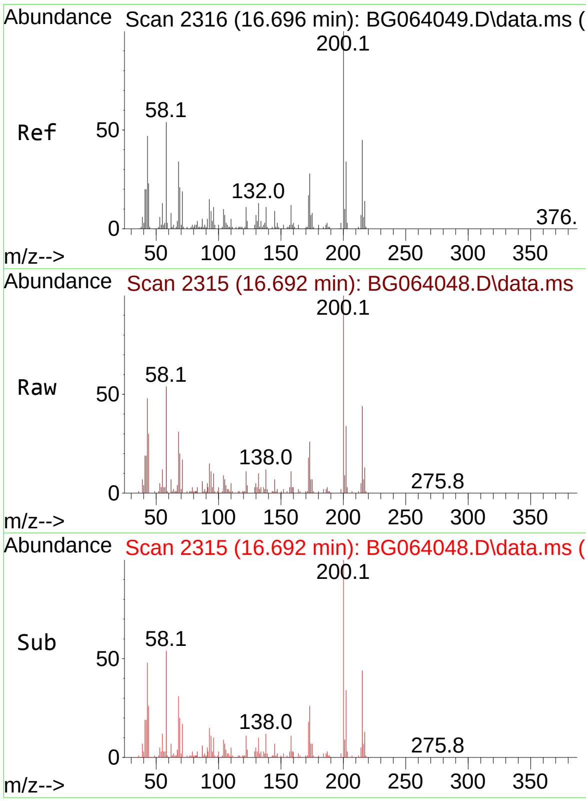


#68
Hexachlorobenzene
Concen: 20.591 ng
RT: 16.539 min Scan# 2289
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:284 Resp: 56538

Ion	Ratio	Lower	Upper
284	100		
142	35.9	30.6	45.8
249	29.8	26.6	39.8





#69
Atrazine
Concen: 21.465 ng
RT: 16.692 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 4281

Ion	Ratio	Lower	Upper
200	100		
173	25.7	8.2	48.2
215	43.7	25.5	65.5

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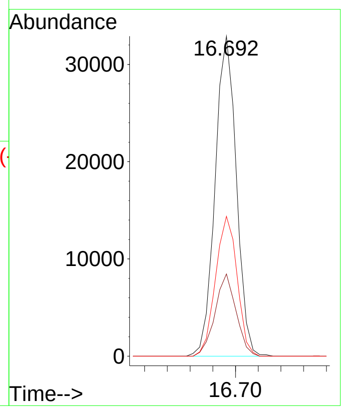
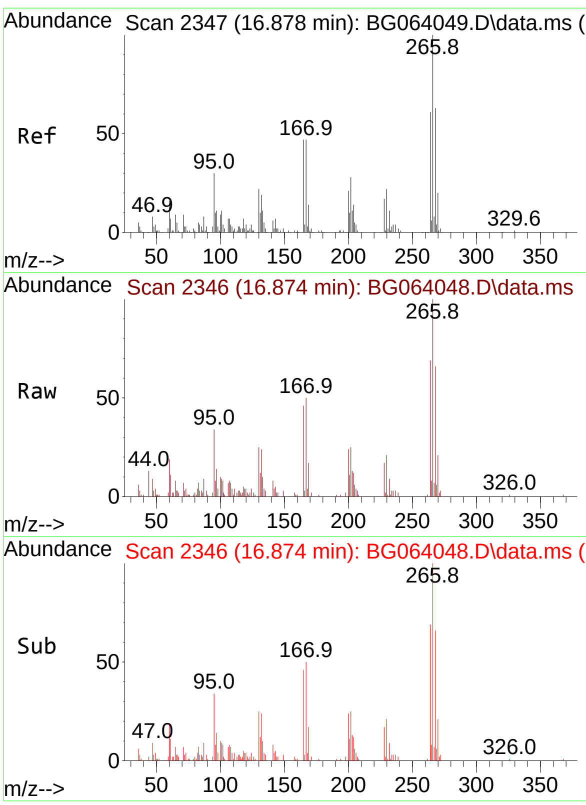
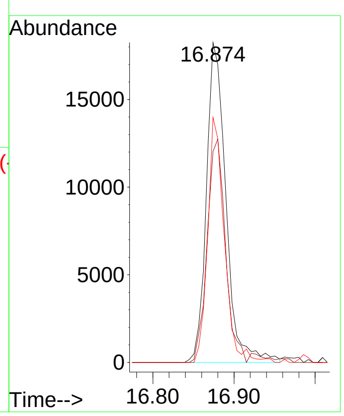




#70
Pentachlorophenol
Concen: 17.926 ng
RT: 16.874 min Scan# 2346
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:266 Resp: 30561

Ion	Ratio	Lower	Upper
266	100		
268	65.9	50.2	75.4
264	76.6	48.9	73.3#



Instrument :
BNA_G
ClientSampleId :
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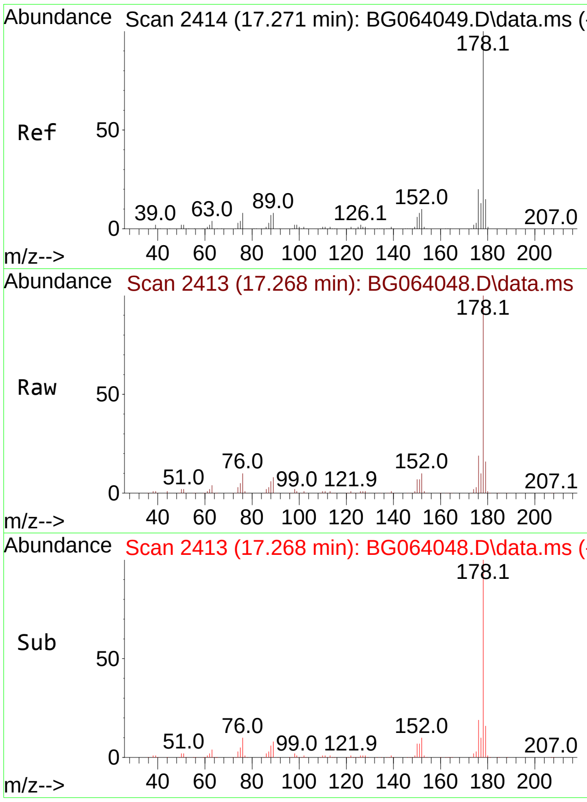
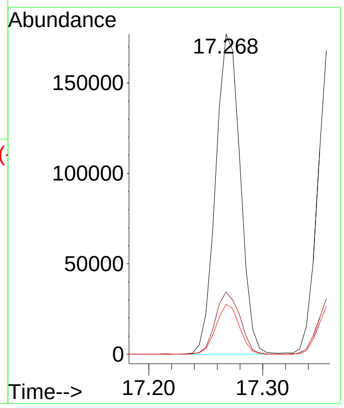
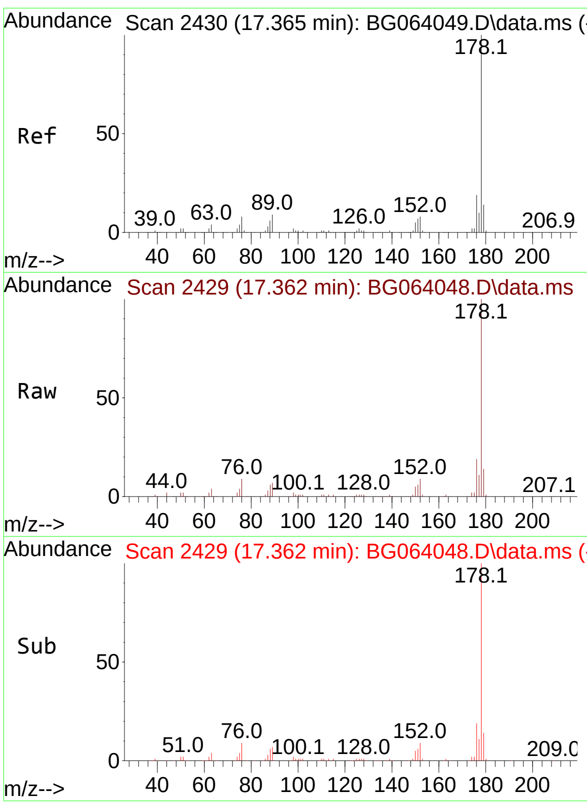


#71
Phenanthrene
Concen: 20.813 ng
RT: 17.268 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:178 Resp: 26584

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.6	12.2	18.2

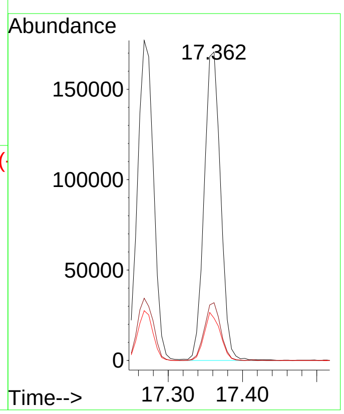


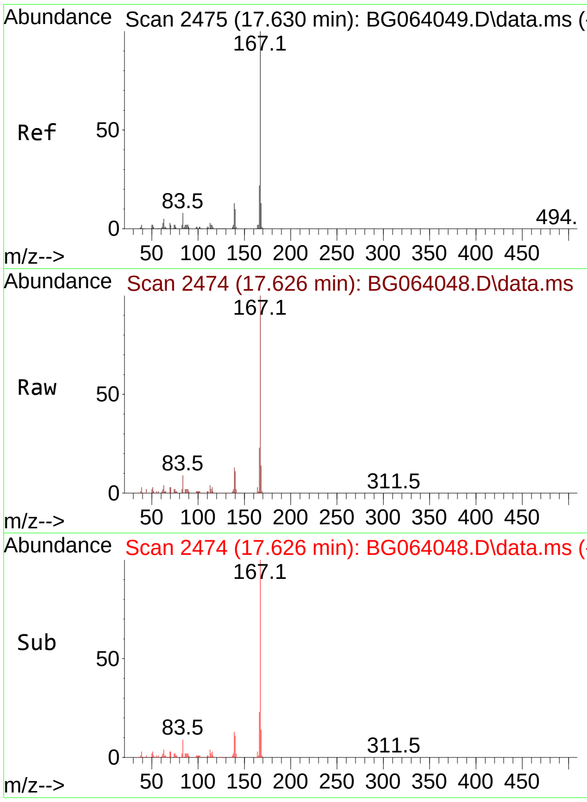


#72
Anthracene
Concen: 20.814 ng
RT: 17.362 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:178 Resp: 264350

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	13.7	11.5	17.3





#73
Carbazole
Concen: 20.591 ng
RT: 17.626 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:167 Resp: 244169

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	13.0	10.6	15.8

Instrument :
BNA_G
ClientSampleId :
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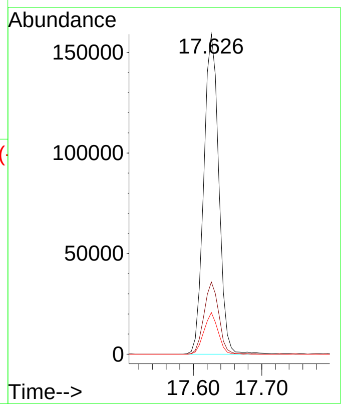
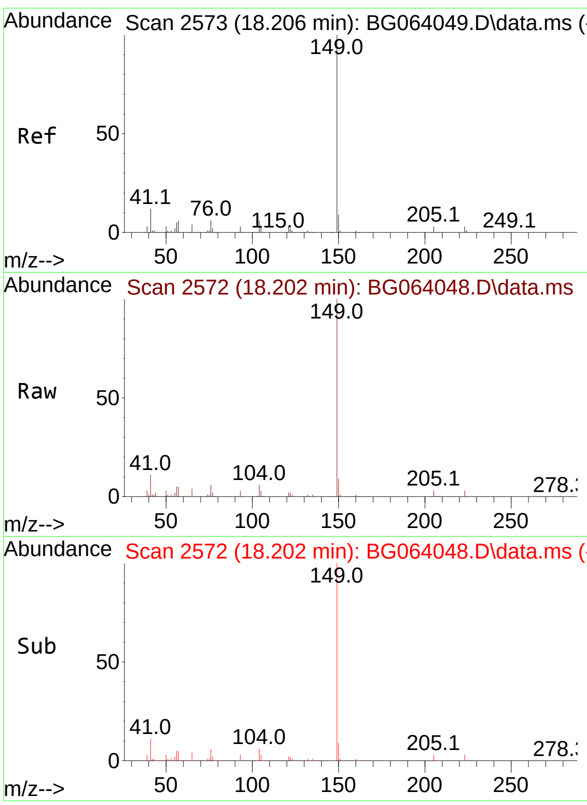
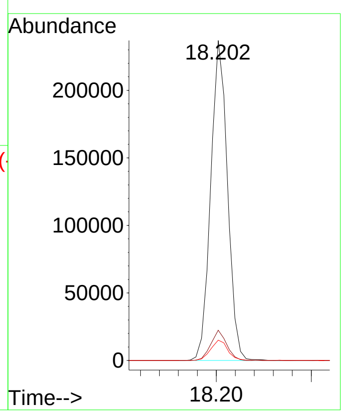


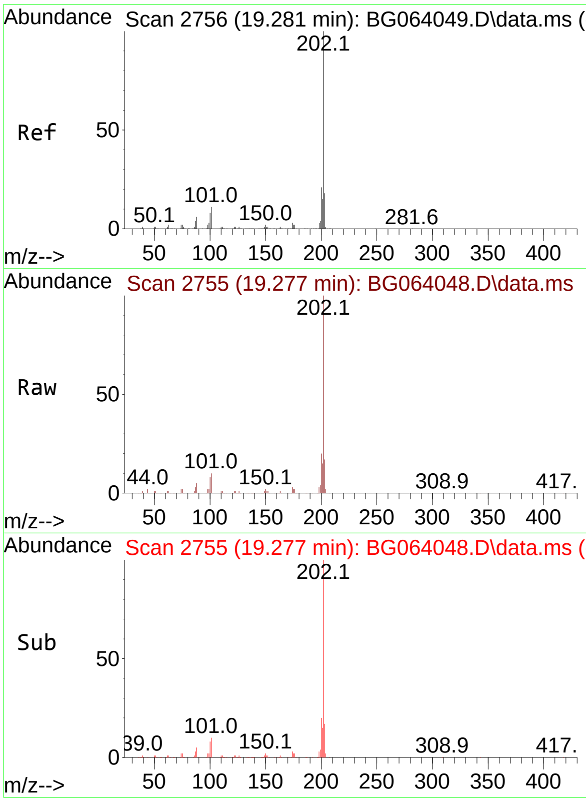


#74
Di-n-butylphthalate
Concen: 20.812 ng
RT: 18.202 min Scan# 2572
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:149 Resp: 290500

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	6.3	5.0	7.6





#75
Fluoranthene
Concen: 20.776 ng
RT: 19.277 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:202 Resp: 31991

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.5
203	17.4	0.0	38.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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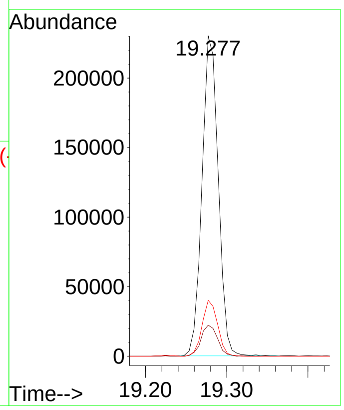
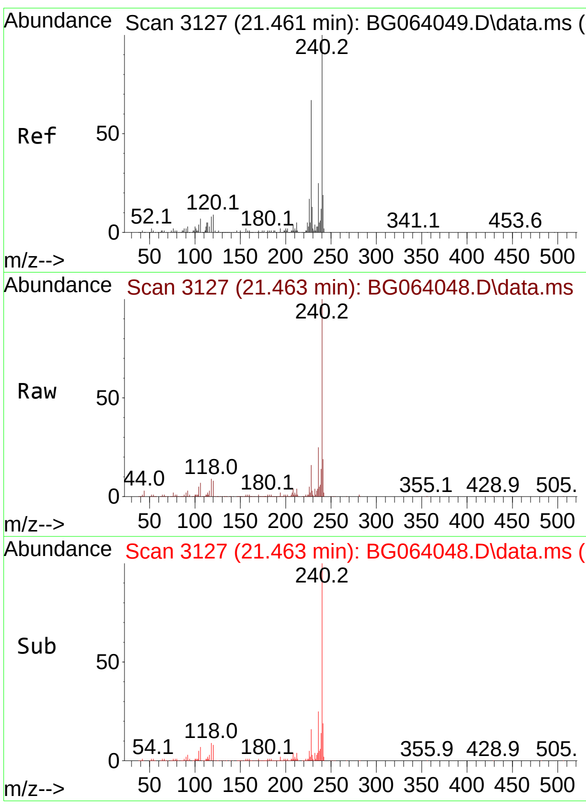
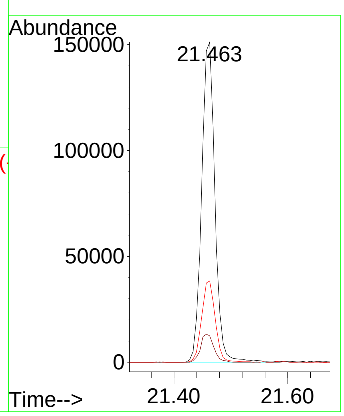




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.463 min Scan# 3127
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:240 Resp: 245725

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.2	10.8
236	25.4	20.2	30.2



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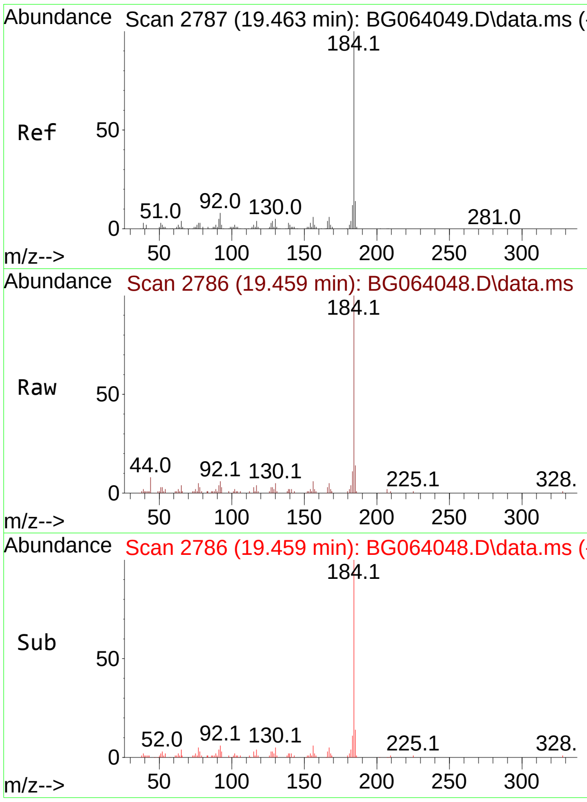
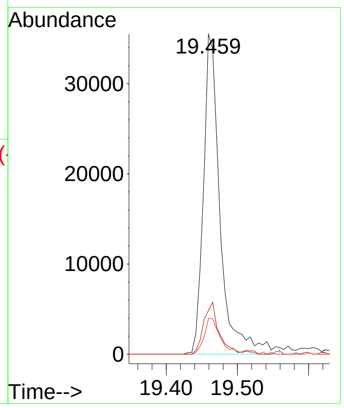


#77
Benzidine
Concen: 16.960 ng
RT: 19.459 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:184 Resp: 5850

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.3	16.9
183	11.2	9.5	14.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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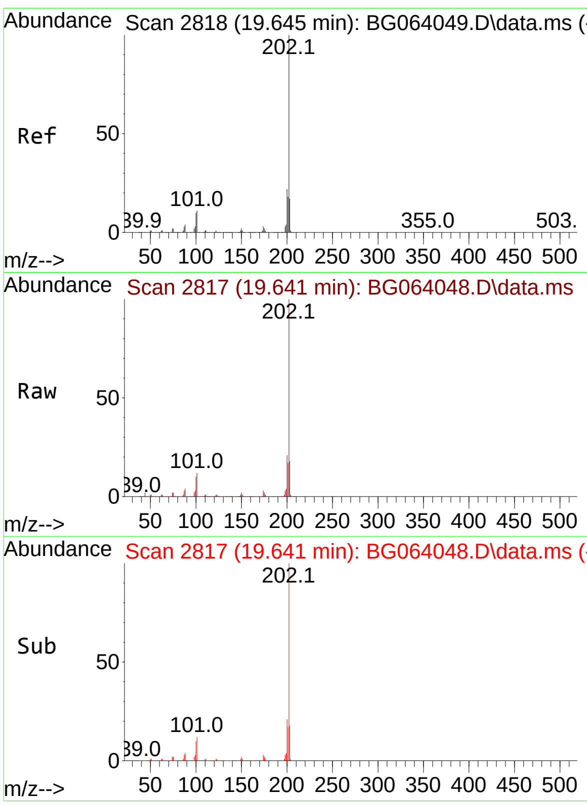
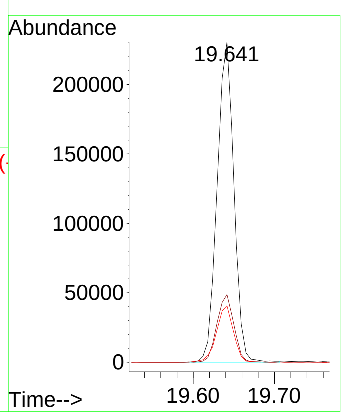


#78
Pyrene
Concen: 20.950 ng
RT: 19.641 min Scan# 2817
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:202 Resp: 331849

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.3	25.9
203	17.7	13.6	20.4



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Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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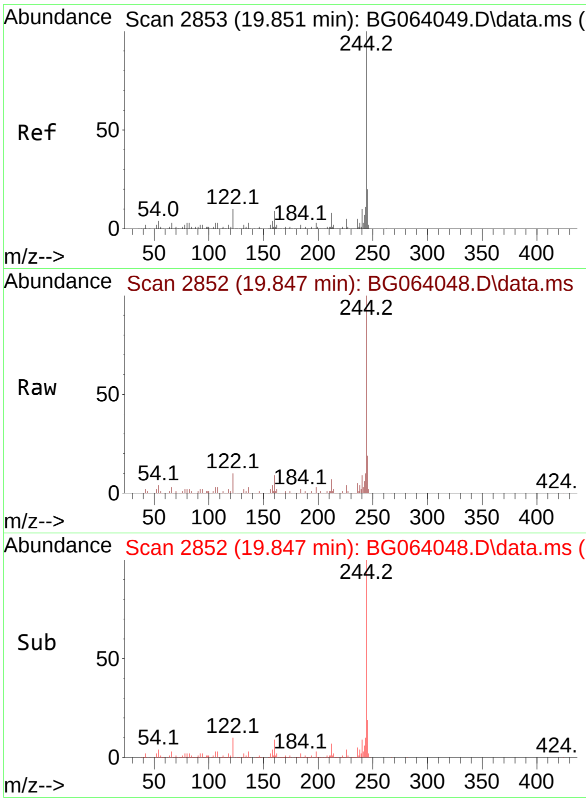
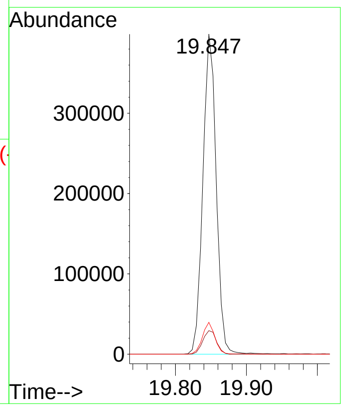
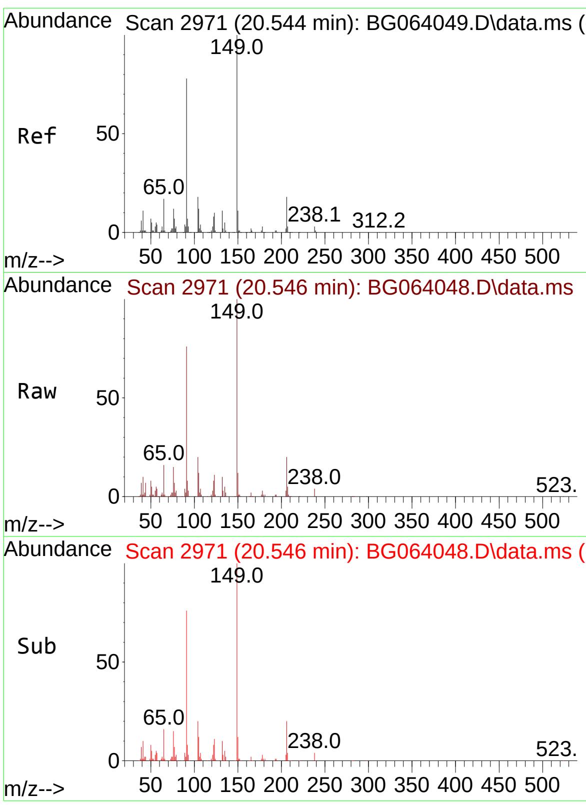


#79
Terphenyl-d14
Concen: 42.936 ng
RT: 19.847 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:244 Resp: 52178

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.4
122	10.0	8.0	12.0

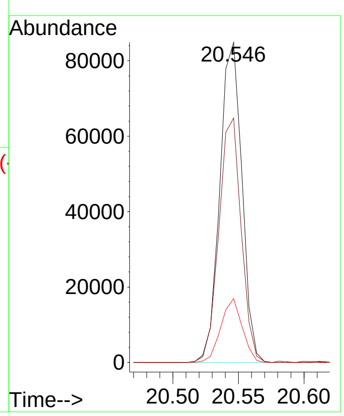


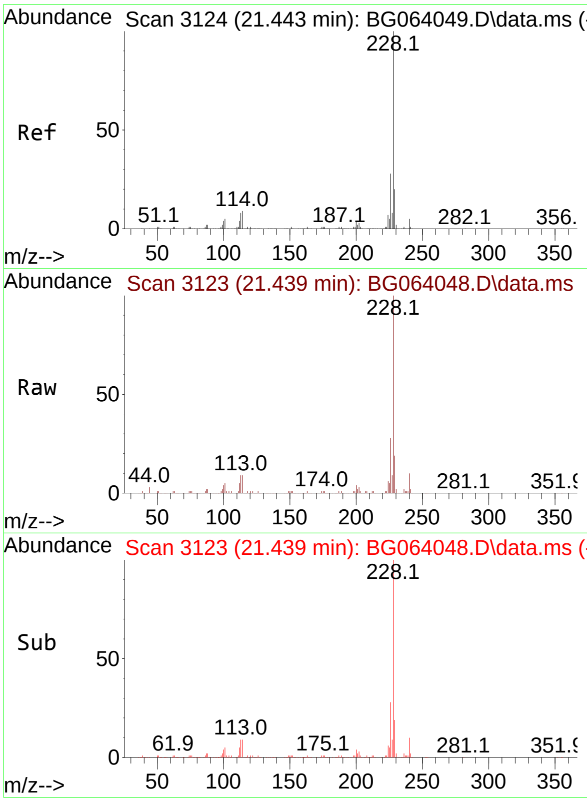


#80
Butylbenzylphthalate
Concen: 19.098 ng
RT: 20.546 min Scan# 2971
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:149 Resp: 99429

Ion	Ratio	Lower	Upper
149	100		
91	76.4	62.0	93.0
206	20.0	14.6	21.8

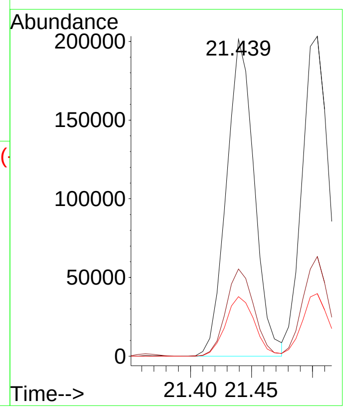




#81
Benzo(a)anthracene
Concen: 20.443 ng
RT: 21.439 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:228 Resp: 32177

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	18.8	16.4	24.6



Instrument :
BNA_G
ClientSampleId :
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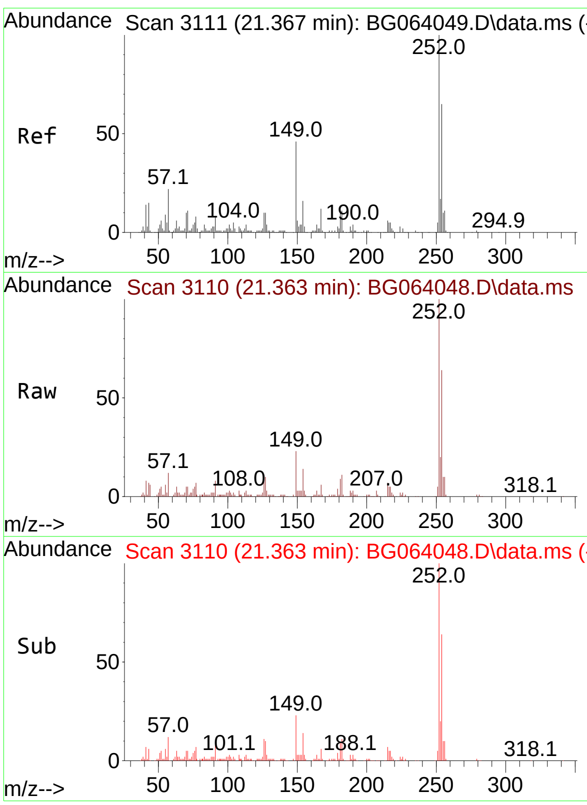
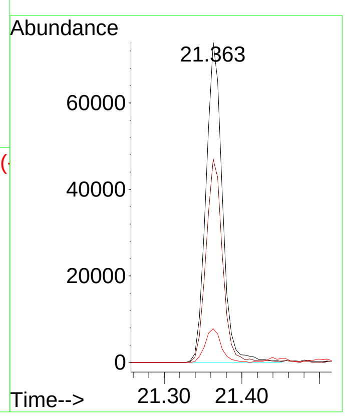
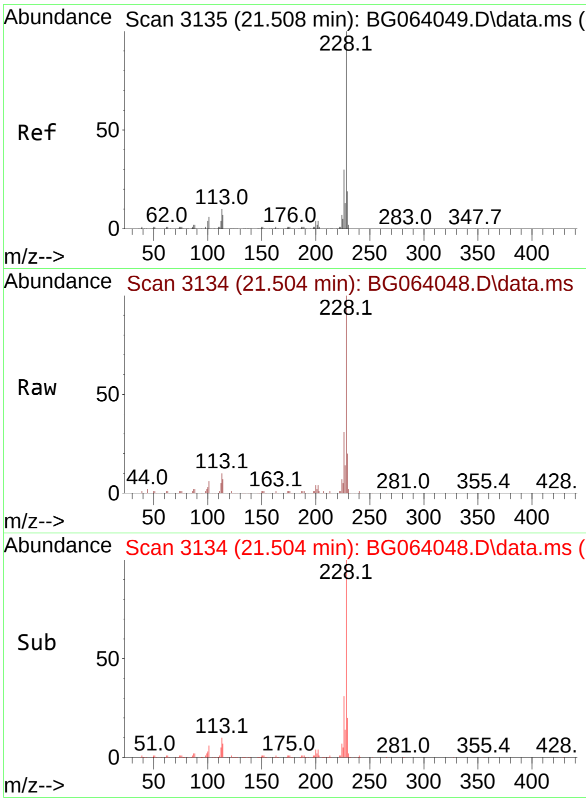


#82
3,3'-Dichlorobenzidine
Concen: 21.421 ng
RT: 21.363 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:252 Resp: 109121

Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.1	78.1
126	10.6	7.8	11.8





#83
Chrysene
Concen: 20.471 ng
RT: 21.504 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Instrument :
BNA_G
ClientSampleId :
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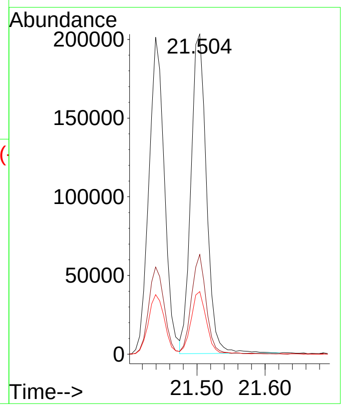
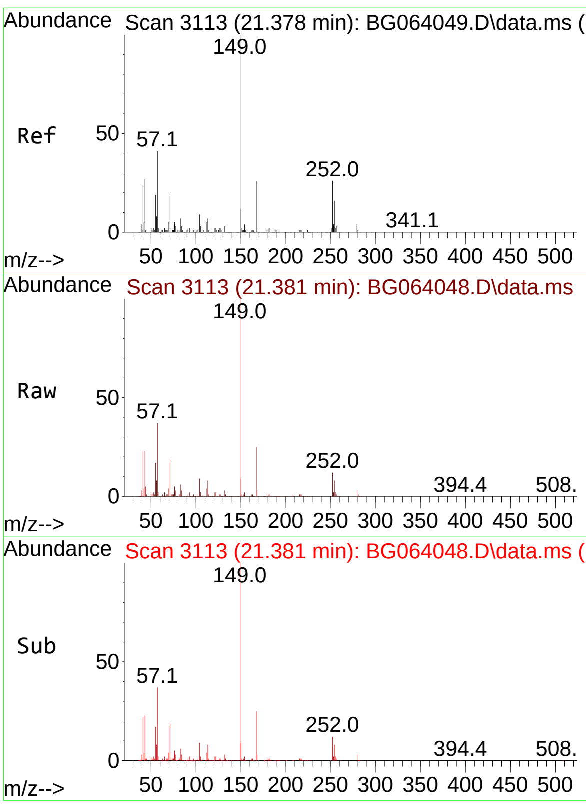
Tgt Ion:228 Resp: 32137

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.9	35.9
229	19.6	15.3	22.9

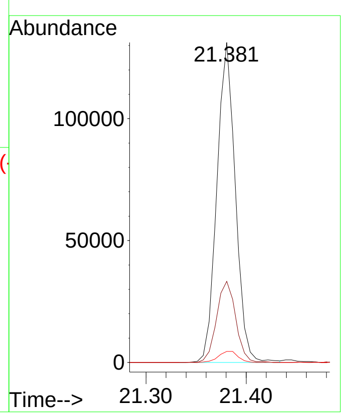


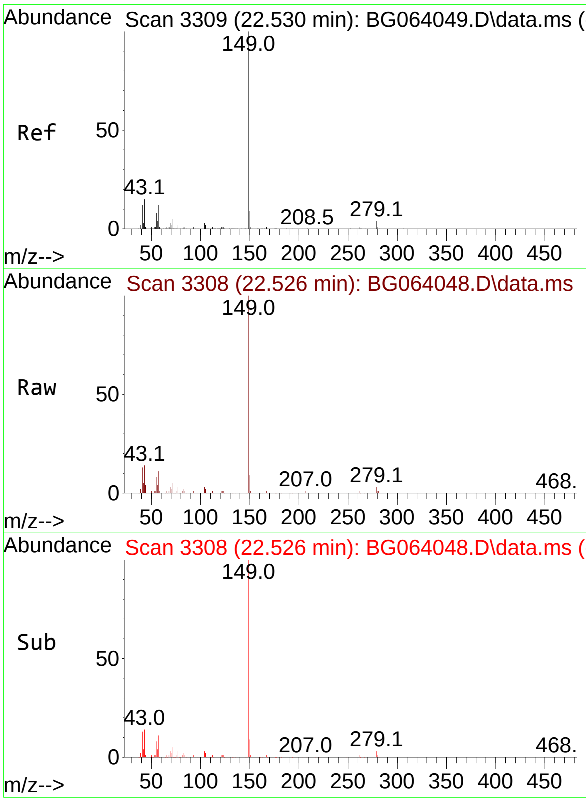


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.769 ng
RT: 21.381 min Scan# 3113
Delta R.T. 0.002 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:149 Resp: 168286

Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.0	31.6
279	3.5	2.8	4.2





#85
Di-n-octyl phthalate
Concen: 18.542 ng
RT: 22.526 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:149 Resp: 27225

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	16.1	12.6	19.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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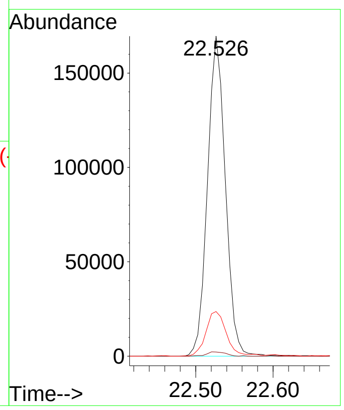
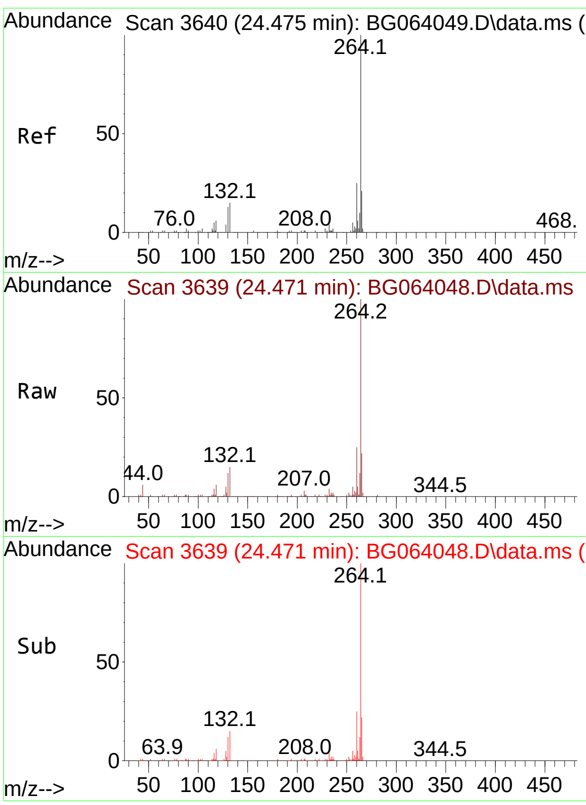
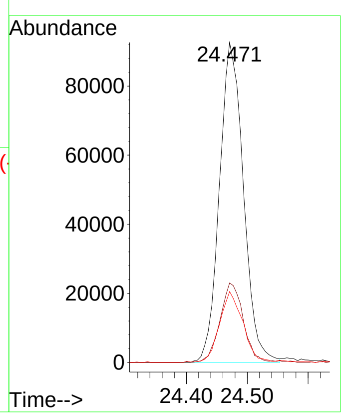


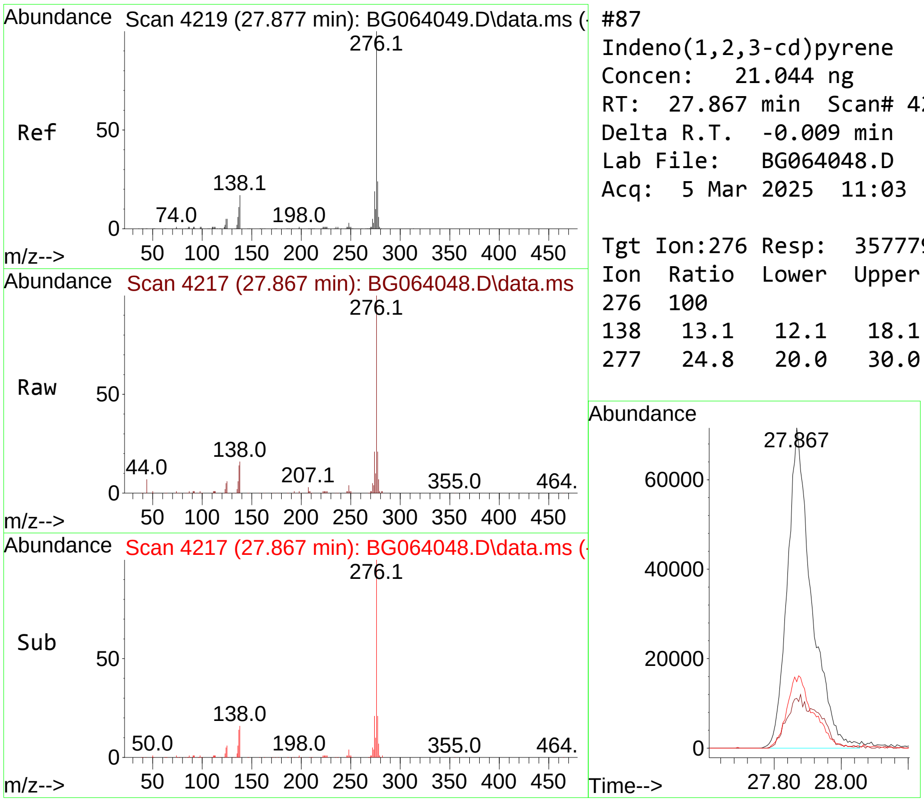


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3639
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:264 Resp: 254102

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.1	16.6	25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 21.044 ng
RT: 27.867 min Scan# 4
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:276 Resp: 357779

Ion	Ratio	Lower	Upper
276	100		
138	13.1	12.1	18.1
277	24.8	20.0	30.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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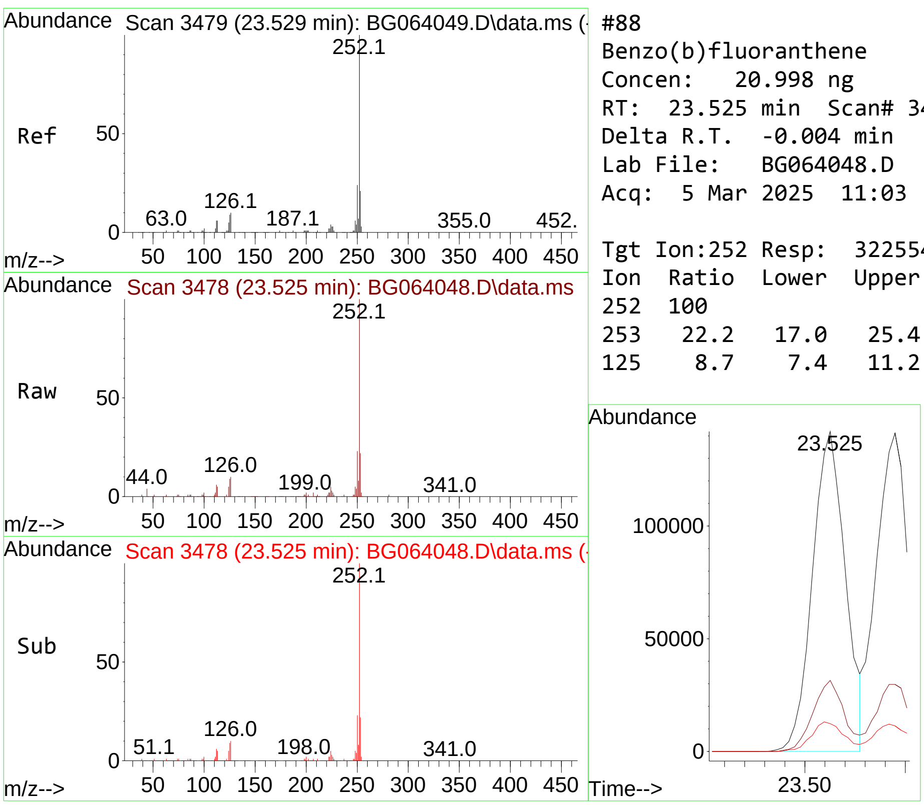
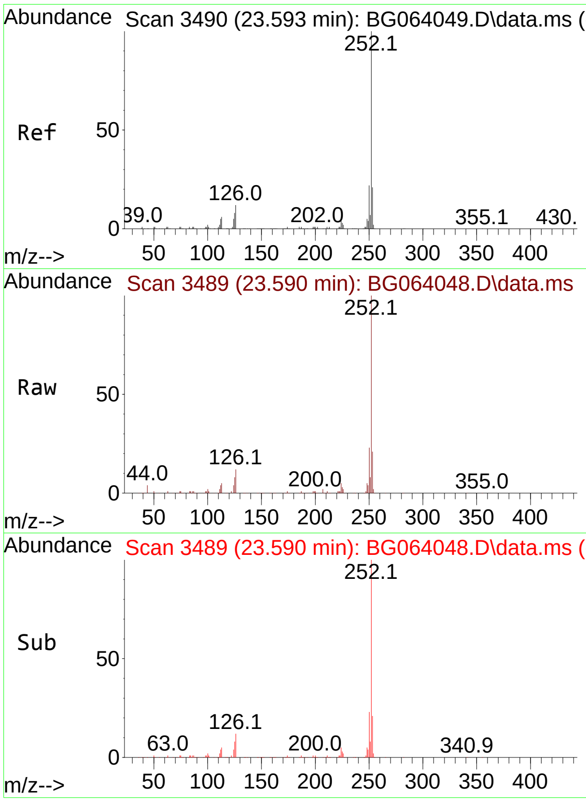


#88
Benzo(b)fluoranthene
Concen: 20.998 ng
RT: 23.525 min Scan# 3478
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:252 Resp: 322554

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	8.7	7.4	11.2



#89
Benzo(k)fluoranthene
Concen: 21.124 ng
RT: 23.590 min Scan# 34
Delta R.T. -0.004 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

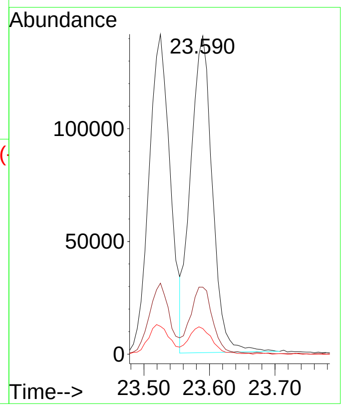
Tgt Ion:252 Resp: 32553

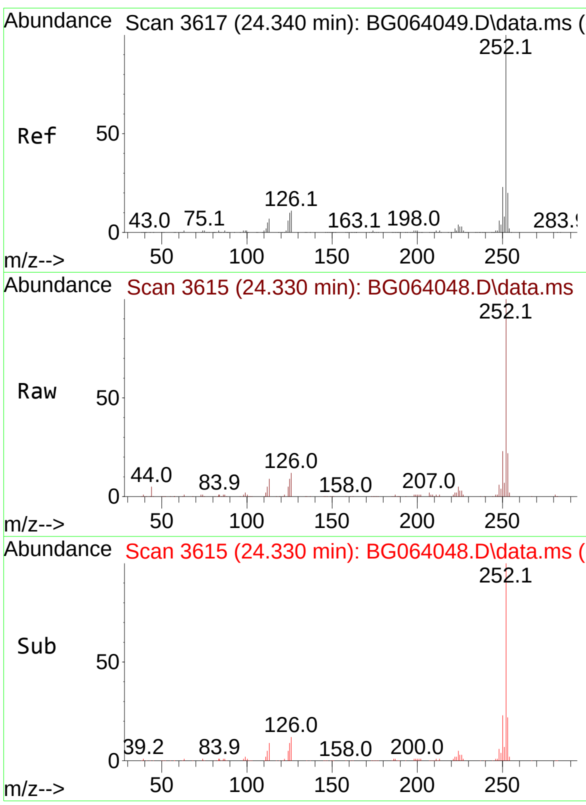
Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.8	25.2
125	8.0	6.9	10.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

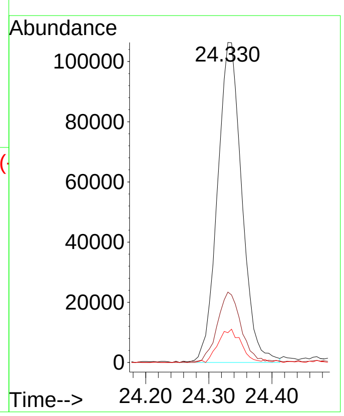


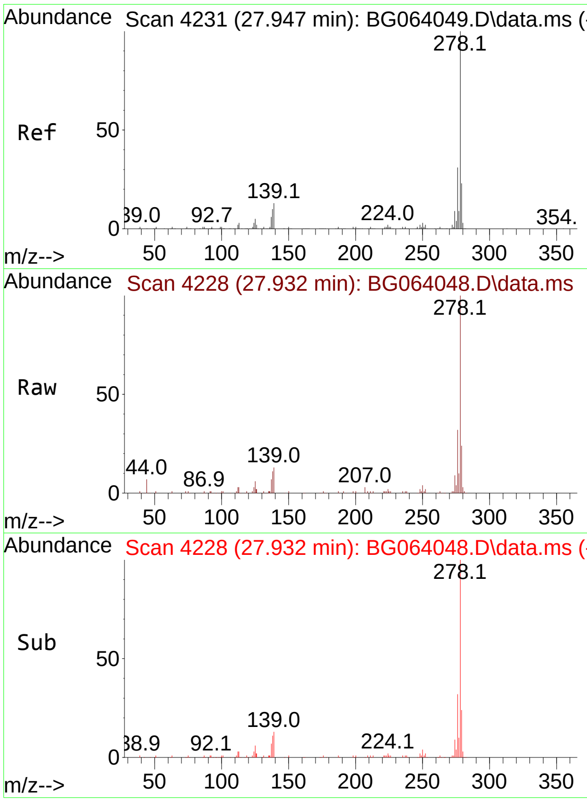


#90
Benzo(a)pyrene
Concen: 20.878 ng
RT: 24.330 min Scan# 3615
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:252 Resp: 285622

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.2	24.2
125	9.3	7.8	11.6

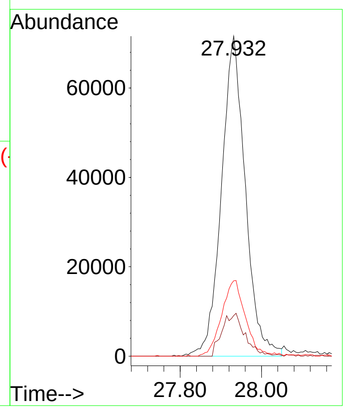




#91
Dibenzo(a,h)anthracene
Concen: 20.756 ng
RT: 27.932 min Scan# 4
Delta R.T. -0.015 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:278 Resp: 29255

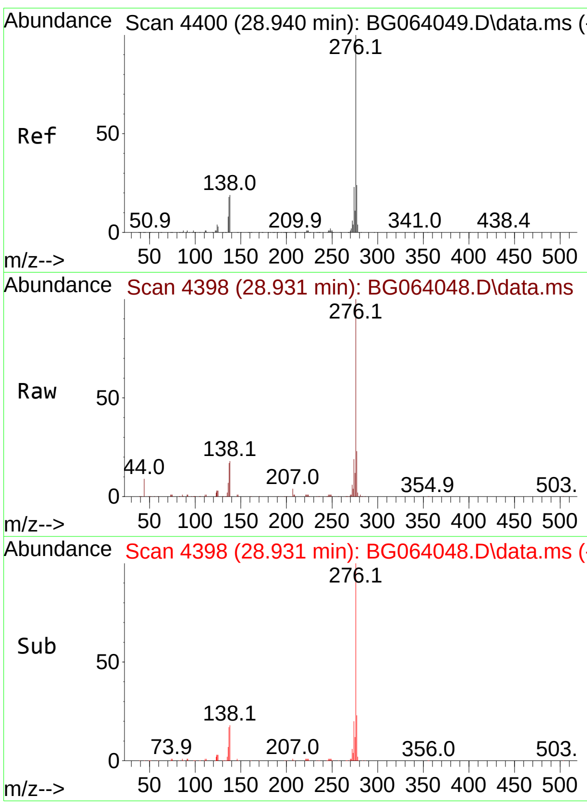
Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.2	15.2
279	23.6	18.1	27.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

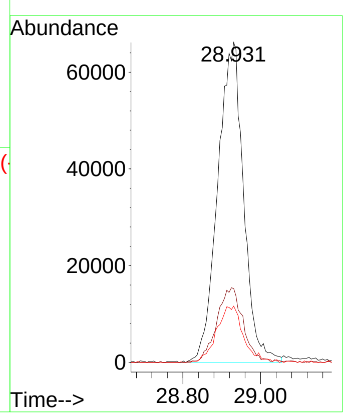
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#92
Benzo(g,h,i)perylene
Concen: 21.219 ng
RT: 28.931 min Scan# 4398
Delta R.T. -0.009 min
Lab File: BG064048.D
Acq: 5 Mar 2025 11:03

Tgt Ion:276 Resp: 307072

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.5	29.3
138	17.6	15.4	23.0



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064049.D
Acq On : 5 Mar 2025 11:43
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:23:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	36119	20.000	ng	0.00
21) Naphthalene-d8	10.656	136	166592	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	113406	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	259291	20.000	ng	0.00
76) Chrysene-d12	21.461	240	272676	20.000	ng	0.00
86) Perylene-d12	24.475	264	289801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	195059	84.325	ng	0.00
7) Phenol-d6	7.030	99	267026	84.856	ng	0.00
23) Nitrobenzene-d5	9.016	82	256618	85.125	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	109187	86.616	ng	0.00
45) 2-Fluorobiphenyl	13.117	172	620339	83.029	ng	0.00
79) Terphenyl-d14	19.851	244	1089644	80.801	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	42253	40.305	ng	100
3) Pyridine	3.764	79	113639	44.572	ng	100
4) n-Nitrosodimethylamine	3.681	42	76876	42.203	ng	100
6) Aniline	7.195	93	131468	42.576	ng	100
8) 2-Chlorophenol	7.430	128	104423	42.032	ng	100
9) Benzaldehyde	7.007	77	72458	39.392	ng	100
10) Phenol	7.054	94	135869	42.171	ng	100
11) bis(2-Chloroethyl)ether	7.295	93	102203	40.462	ng	100
12) 1,3-Dichlorobenzene	7.759	146	111677	40.935	ng	100
13) 1,4-Dichlorobenzene	7.900	146	114970	41.114	ng	100
14) 1,2-Dichlorobenzene	8.217	146	109760	40.705	ng	100
15) Benzyl Alcohol	8.100	79	103751	42.666	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.399	45	237053	41.738	ng	100
17) 2-Methylphenol	8.299	107	91630	42.852	ng	100
18) Hexachloroethane	8.946	117	41682	42.603	ng	100
19) n-Nitroso-di-n-propyla...	8.670	70	95587	43.283	ng	100
20) 3+4-Methylphenols	8.629	107	123273	41.875	ng	100
22) Acetophenone	8.681	105	187490	41.048	ng	100
24) Nitrobenzene	9.057	77	132396	42.497	ng	100
25) Isophorone	9.580	82	248096	41.117	ng	100
26) 2-Nitrophenol	9.768	139	40684	39.553	ng	100
27) 2,4-Dimethylphenol	9.827	122	76114	42.079	ng	100
28) bis(2-Chloroethoxy)met...	10.068	93	147757	40.391	ng	100
29) 2,4-Dichlorophenol	10.297	162	95738	41.916	ng	100
30) 1,2,4-Trichlorobenzene	10.515	180	110636	40.125	ng	100
31) Naphthalene	10.703	128	359362	40.004	ng	100
32) Benzoic acid	9.974	122	57392m	37.004	ng	
33) 4-Chloroaniline	10.808	127	138722	42.251	ng	100
34) Hexachlorobutadiene	10.996	225	72822	40.294	ng	100
35) Caprolactam	11.578	113	36736	41.970	ng	100
36) 4-Chloro-3-methylphenol	11.931	107	124422	41.558	ng	100
37) 2-Methylnaphthalene	12.312	142	254296	40.099	ng	100
38) 1-Methylnaphthalene	12.530	142	250971	40.394	ng	100
40) 1,2,4,5-Tetrachloroben...	12.683	216	132854	41.034	ng	100
41) Hexachlorocyclopentadiene	12.665	237	39606	43.464	ng	100
43) 2,4,6-Trichlorophenol	12.918	196	81144	42.524	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064049.D
Acq On : 5 Mar 2025 11:43
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:23:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	92122	43.449 ng	100
46) 1,1'-Biphenyl	13.323	154	348881	40.719 ng	100
47) 2-Chloronaphthalene	13.364	162	255541	40.894 ng	100
48) 2-Nitroaniline	13.564	65	78919	39.603 ng	100
49) Acenaphthylene	14.210	152	405756	41.052 ng	100
50) Dimethylphthalate	13.952	163	344791	41.187 ng	100
51) 2,6-Dinitrotoluene	14.063	165	66200	39.610 ng	100
52) Acenaphthene	14.557	154	269147m	40.492 ng	
53) 3-Nitroaniline	14.386	138	71724	44.330 ng	100
54) 2,4-Dinitrophenol	14.592	184	22778	36.881 ng	100
55) Dibenzofuran	14.886	168	440253	40.970 ng	100
56) 4-Nitrophenol	14.692	139	58316	42.977 ng	100
57) 2,4-Dinitrotoluene	14.845	165	91658	39.789 ng	100
58) Fluorene	15.538	166	335238	40.055 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.109	232	89594	43.345 ng	100
60) Diethylphthalate	15.321	149	378464	41.645 ng	100
61) 4-Chlorophenyl-phenyle...	15.538	204	166615	40.061 ng	100
62) 4-Nitroaniline	15.550	138	78323	44.838 ng	100
63) Azobenzene	15.826	77	398816	41.125 ng	100
65) 4,6-Dinitro-2-methylph...	15.609	198	38647	36.802 ng	100
66) n-Nitrosodiphenylamine	15.744	169	299980	40.872 ng	100
67) 4-Bromophenyl-phenylether	16.425	248	109095	41.081 ng	100
68) Hexachlorobenzene	16.537	284	118787	39.954 ng	100
69) Atrazine	16.696	200	82729	38.309 ng	100
70) Pentachlorophenol	16.878	266	77264	41.856 ng	100
71) Phenanthrene	17.271	178	560184	40.505 ng	100
72) Anthracene	17.365	178	562891	40.932 ng	100
73) Carbazole	17.630	167	532467	41.470 ng	100
74) Di-n-butylphthalate	18.206	149	652013	43.141 ng	100
75) Fluoranthene	19.281	202	683664	41.004 ng	100
77) Benzidine	19.463	184	170880	44.641 ng	100
78) Pyrene	19.645	202	714571	40.653 ng	100
80) Butylbenzylphthalate	20.544	149	253637	39.178 ng	100
81) Benzo(a)anthracene	21.443	228	710573	40.681 ng	100
82) 3,3'-Dichlorobenzidine	21.367	252	245252	43.385 ng	100
83) Chrysene	21.508	228	712310	40.888 ng	100
84) Bis(2-ethylhexyl)phtha...	21.378	149	412893	43.709 ng	100
85) Di-n-octyl phthalate	22.530	149	675516	41.459 ng	100
87) Indeno(1,2,3-cd)pyrene	27.877	276	797387	41.124 ng	100
88) Benzo(b)fluoranthene	23.529	252	704588	40.217 ng	100
89) Benzo(k)fluoranthene	23.593	252	727467	41.391 ng	100
90) Benzo(a)pyrene	24.340	252	641802	41.134 ng	100
91) Dibenzo(a,h)anthracene	27.947	278	656435	40.836 ng	100
92) Benzo(g,h,i)perylene	28.940	276	667911	40.469 ng	100

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

Quantitation Report (QT Reviewed)

ICAL Form

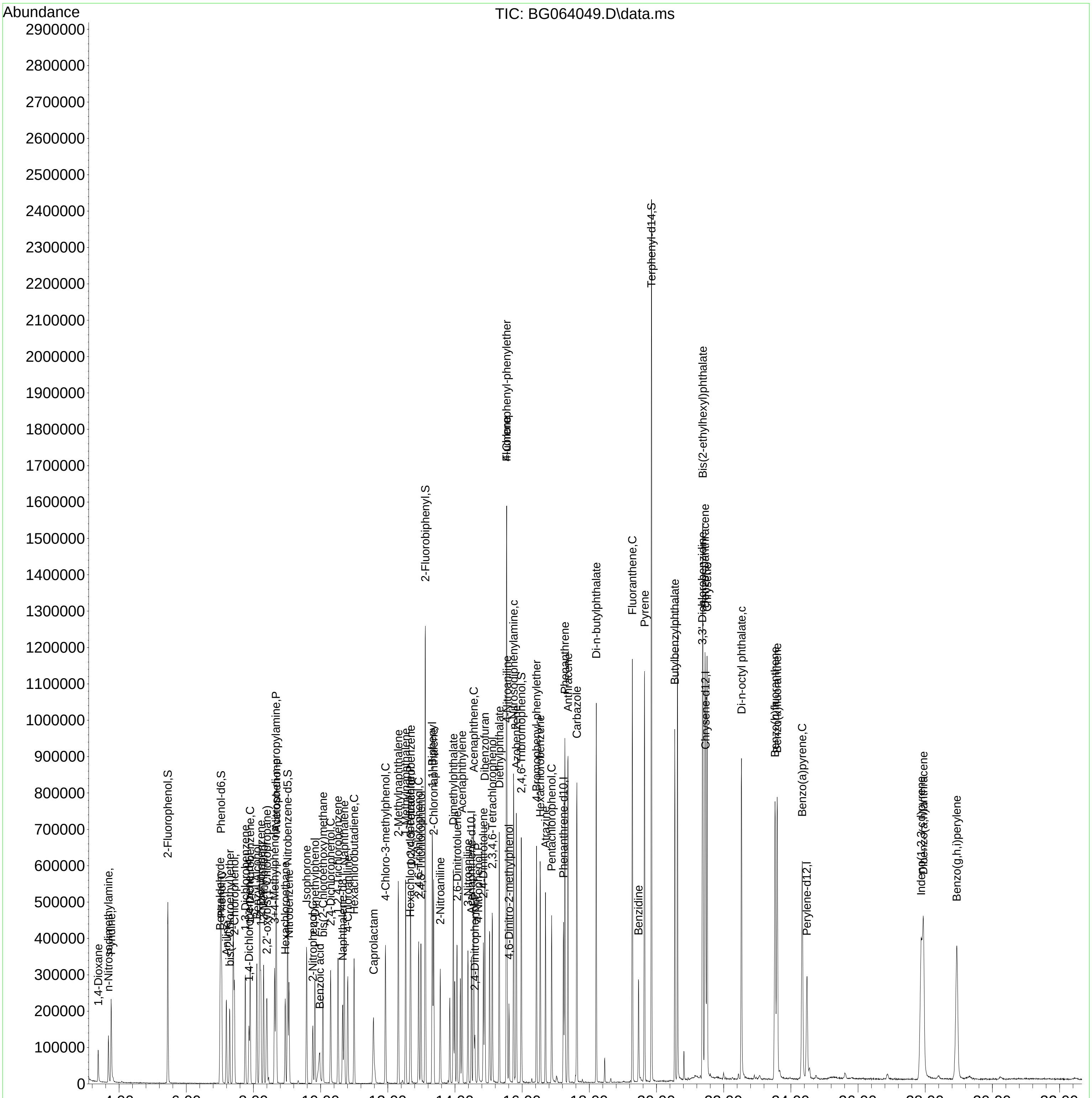
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064049.D
Acq On : 5 Mar 2025 11:43
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 05 15:23:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

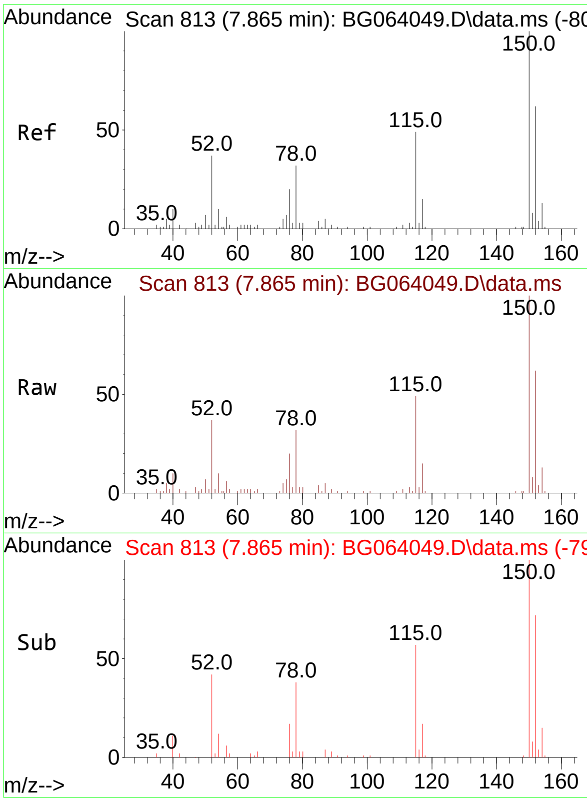
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



ICAL Form



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min   Scan# 81
Delta R.T.   -0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025   11:43

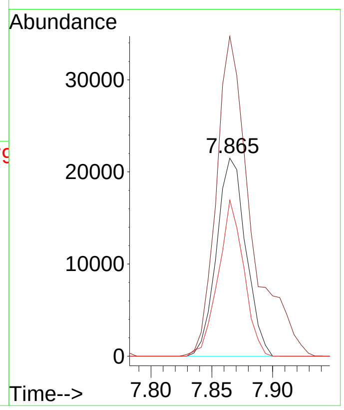
Tgt Ion:152 Resp: 3611

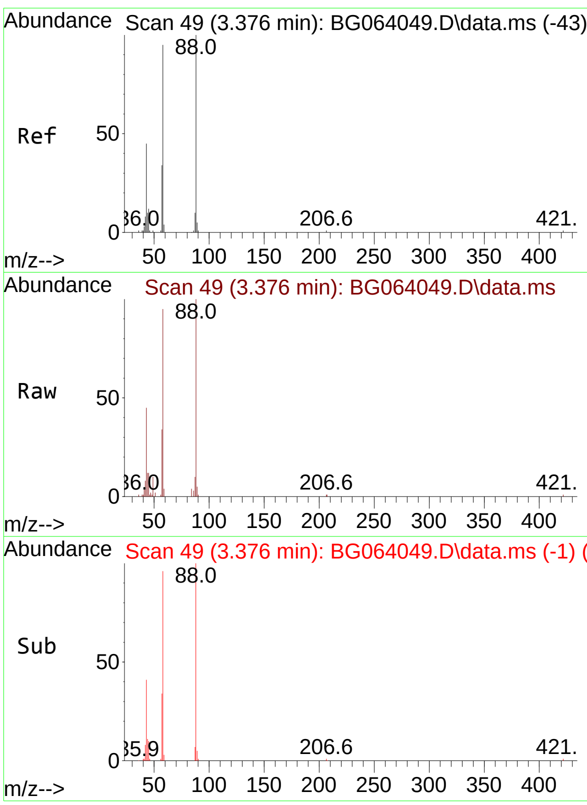
Ion	Ratio	Lower	Upper
152	100		
150	161.5	129.2	193.8
115	78.8	63.0	94.6

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay   03/06/2025
Supervised By :mohammad ahmed   03/07/2025

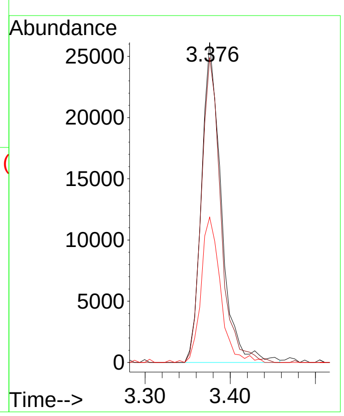


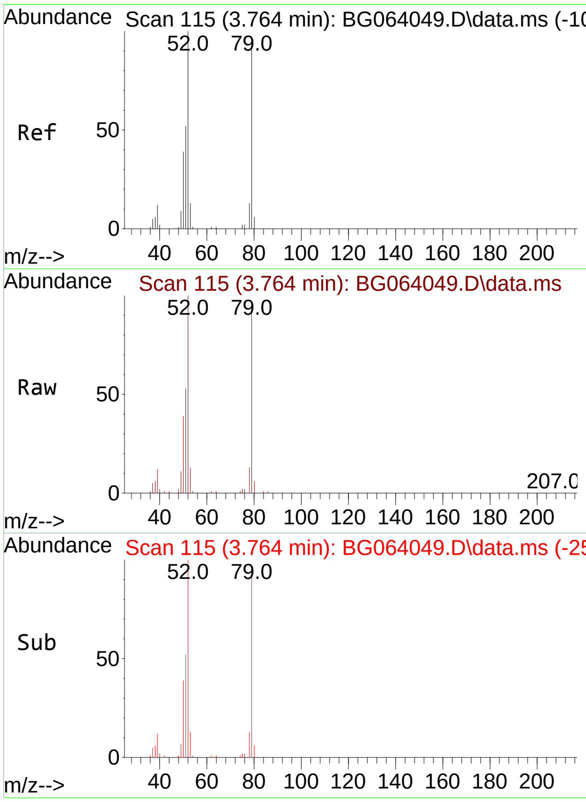


#2
1,4-Dioxane
Concen: 40.305 ng
RT: 3.376 min   Scan# 49
Delta R.T.   0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025   11:43

Tgt Ion: 88 Resp: 42253

Ion	Ratio	Lower	Upper
88	100		
58	93.2	74.6	111.8
43	44.4	35.5	53.3





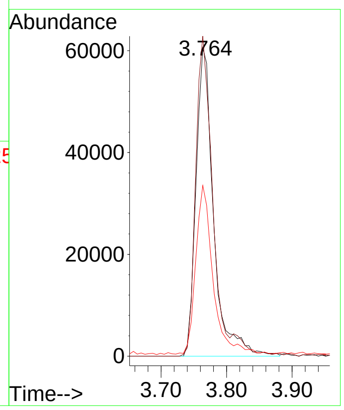
#3
Pyridine
Concen: 44.572 ng
RT: 3.764 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

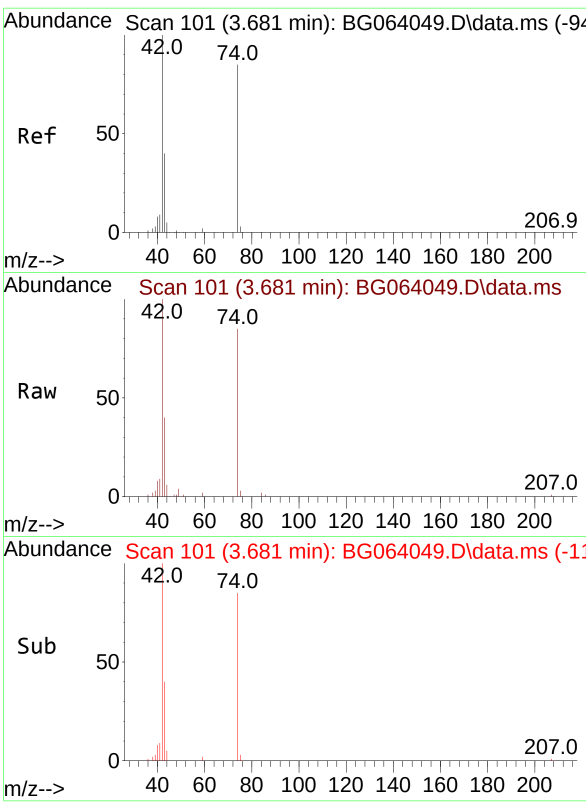
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Tgt Ion: 79 Resp: 11363

Ion	Ratio	Lower	Upper
79	100		
52	103.8	83.0	124.6
51	55.4	44.3	66.5

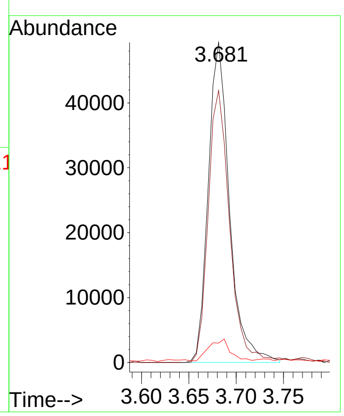


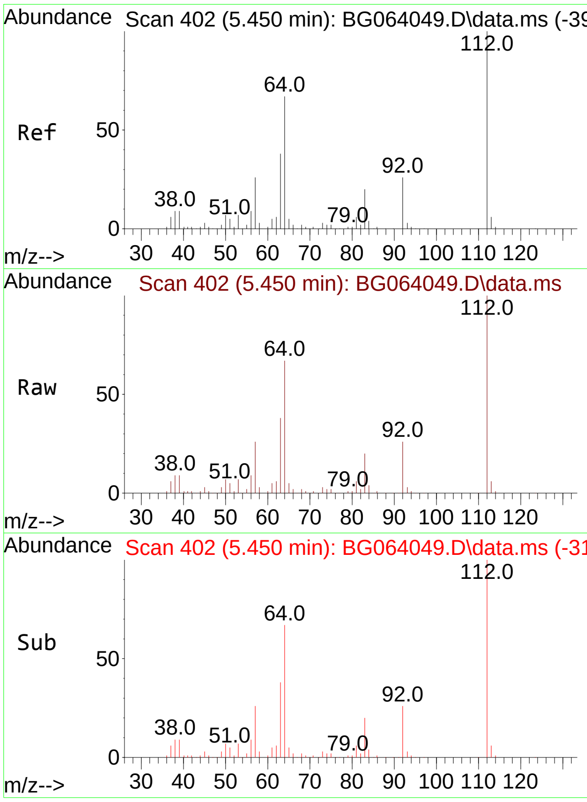


#4
n-Nitrosodimethylamine
Concen: 42.203 ng
RT: 3.681 min Scan# 101
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion: 42 Resp: 76876

Ion	Ratio	Lower	Upper
42	100		
74	85.0	68.0	102.0
44	6.1	4.9	7.3





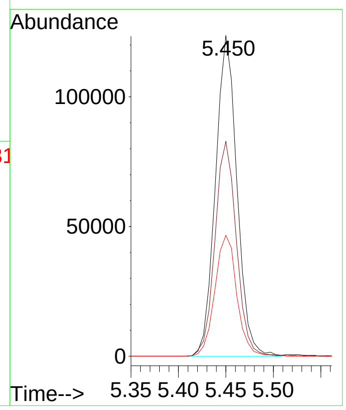
#5
2-Fluorophenol
Concen: 84.325 ng
RT: 5.450 min Scan# 40
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

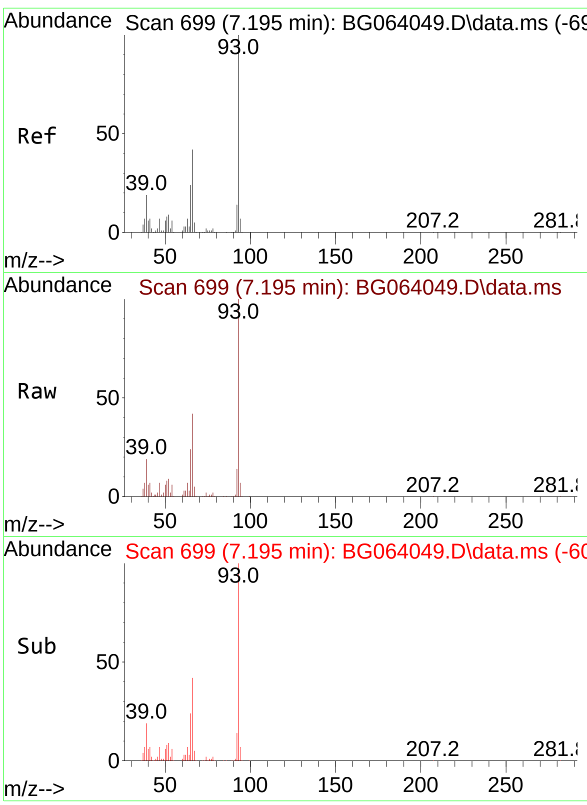
Tgt Ion:112 Resp: 195059

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.7	80.5
63	37.8	30.2	45.4

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

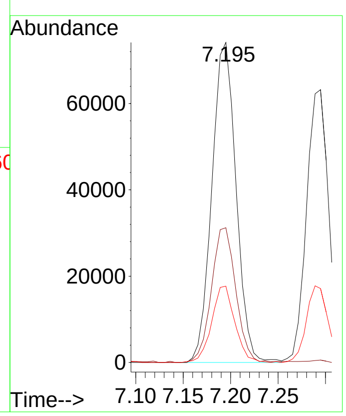




#6
Aniline
Concen: 42.576 ng
RT: 7.195 min Scan# 699
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion: 93 Resp: 131468

Ion	Ratio	Lower	Upper
93	100		
66	42.1	33.7	50.5
65	23.9	19.1	28.7

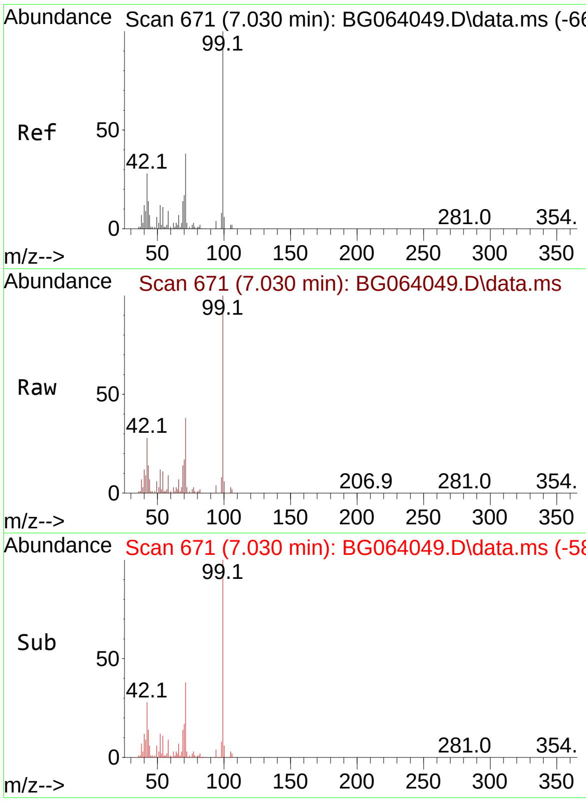


ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

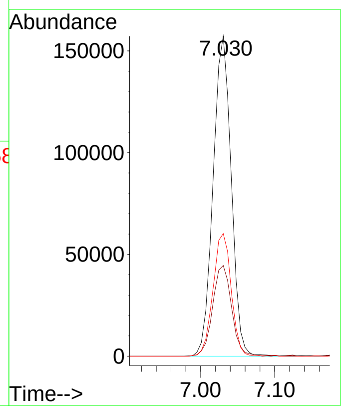
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

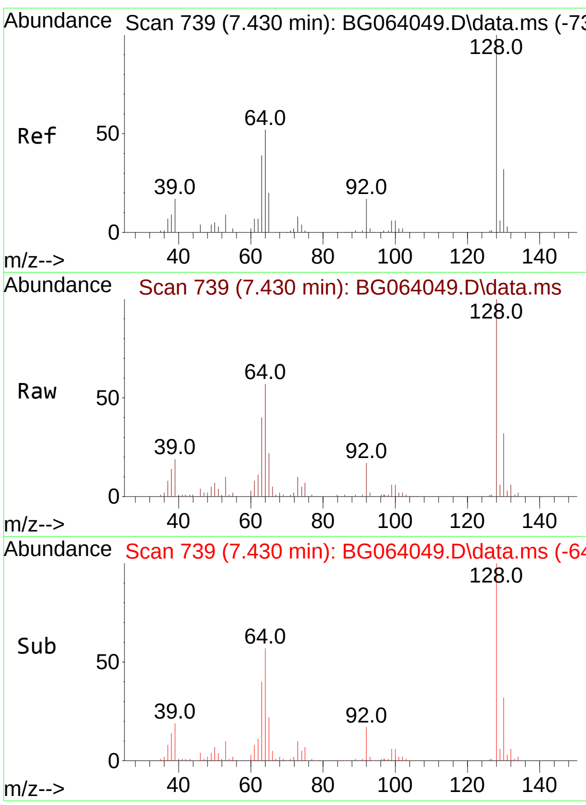


#7
Phenol-d6
Concen: 84.856 ng
RT: 7.030 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion: 99 Resp: 26702

Ion	Ratio	Lower	Upper
99	100		
42	28.4	22.7	34.1
71	38.3	30.6	46.0

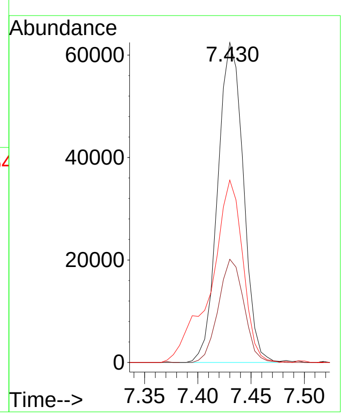




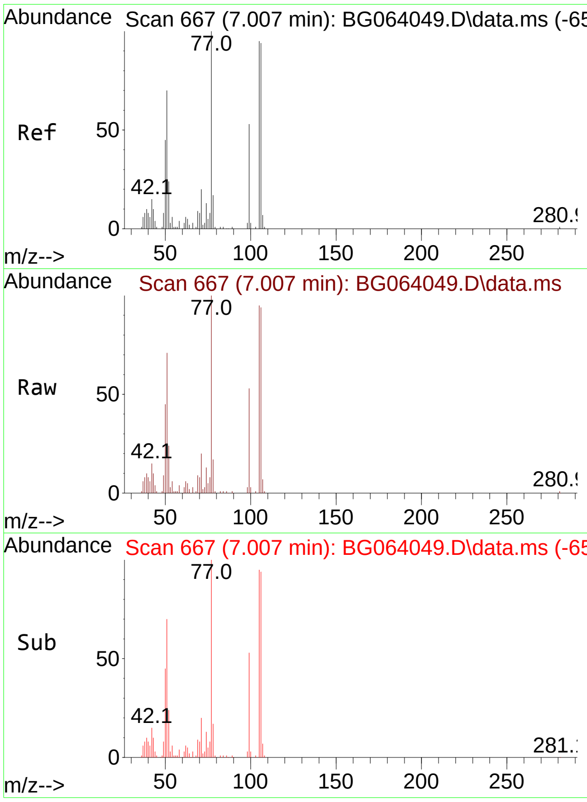
#8
2-Chlorophenol
Concen: 42.032 ng
RT: 7.430 min Scan# 739
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:128 Resp: 104423

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	57.0	37.0	77.0



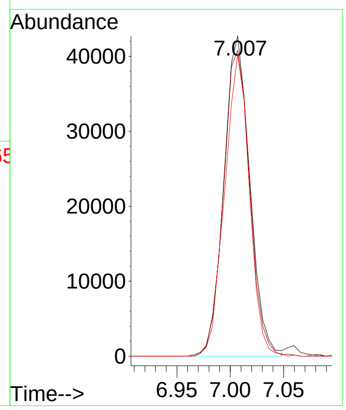
ICAL Form



#9
Benzaldehyde
Concen: 39.392 ng
RT: 7.007 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion: 77 Resp: 7245

Ion	Ratio	Lower	Upper
77	100		
105	95.5	75.5	115.5
106	94.2	74.2	114.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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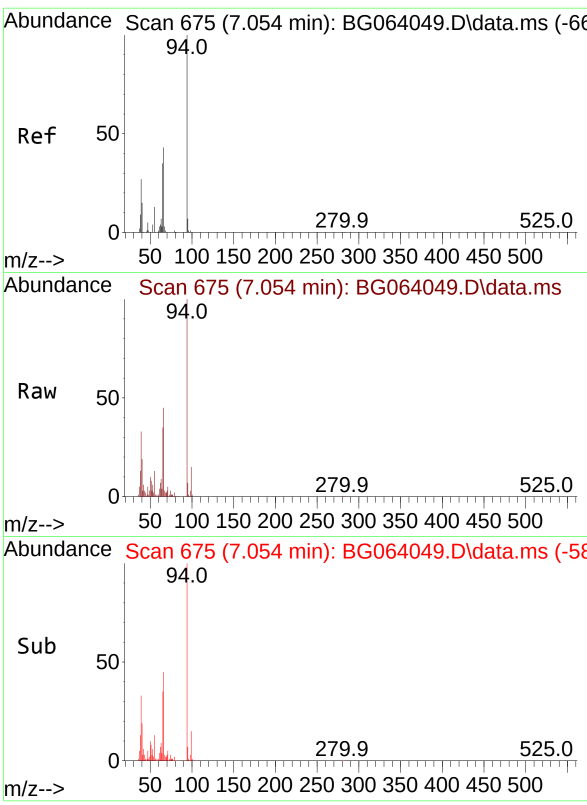
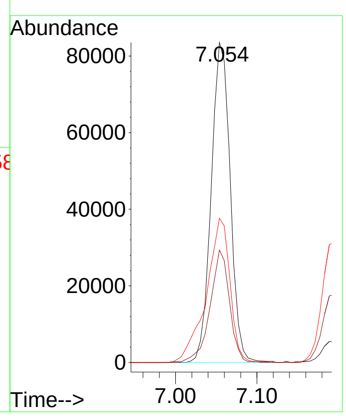


#10
Phenol
Concen: 42.171 ng
RT: 7.054 min Scan# 675
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion: 94 Resp: 135869

Ion	Ratio	Lower	Upper
94	100		
65	35.2	15.2	55.2
66	45.1	25.1	65.1



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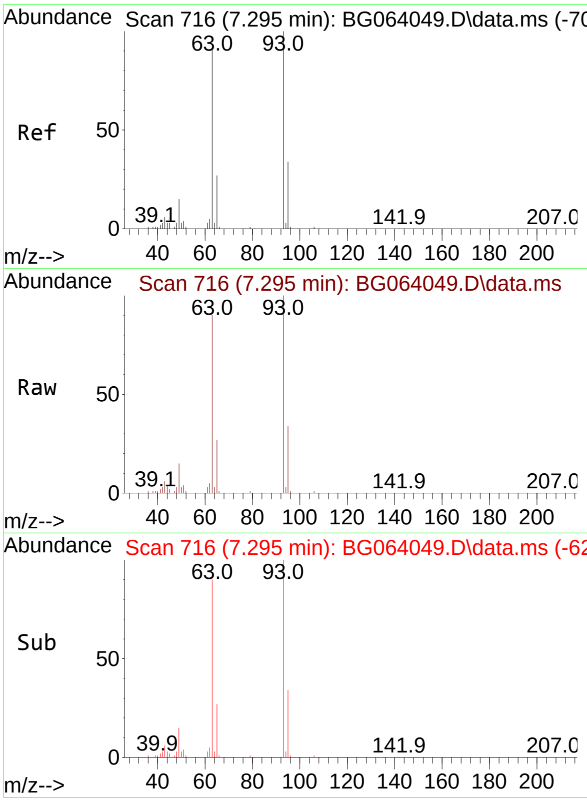
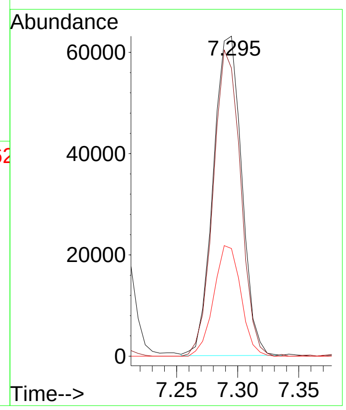


#11
bis(2-Chloroethyl)ether
Concen: 40.462 ng
RT: 7.295 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion: 93 Resp: 10220

Ion	Ratio	Lower	Upper
93	100		
63	90.0	70.0	110.0
95	33.7	13.7	53.7



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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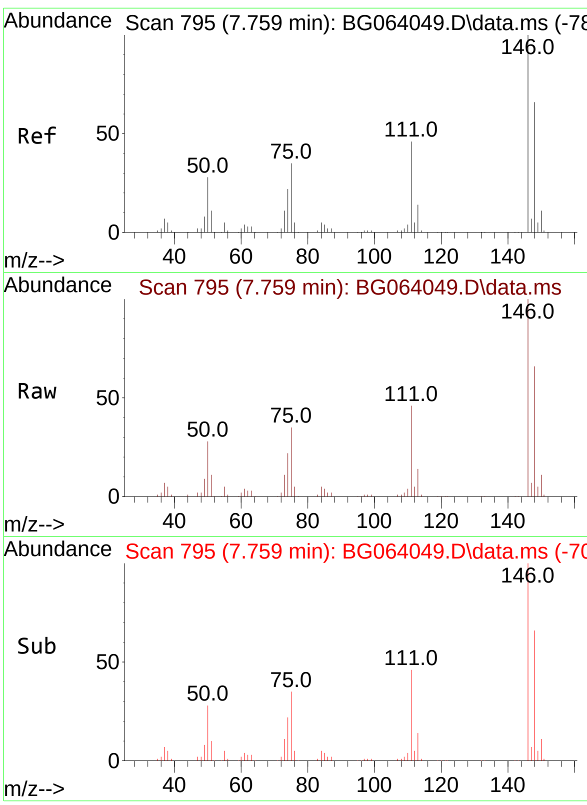
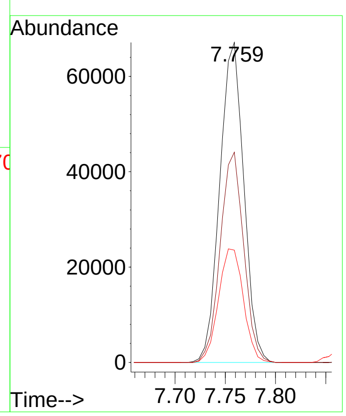


#12
1,3-Dichlorobenzene
Concen: 40.935 ng
RT: 7.759 min Scan# 795
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:146 Resp: 111677

Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.6	78.8
75	35.1	28.1	42.1



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Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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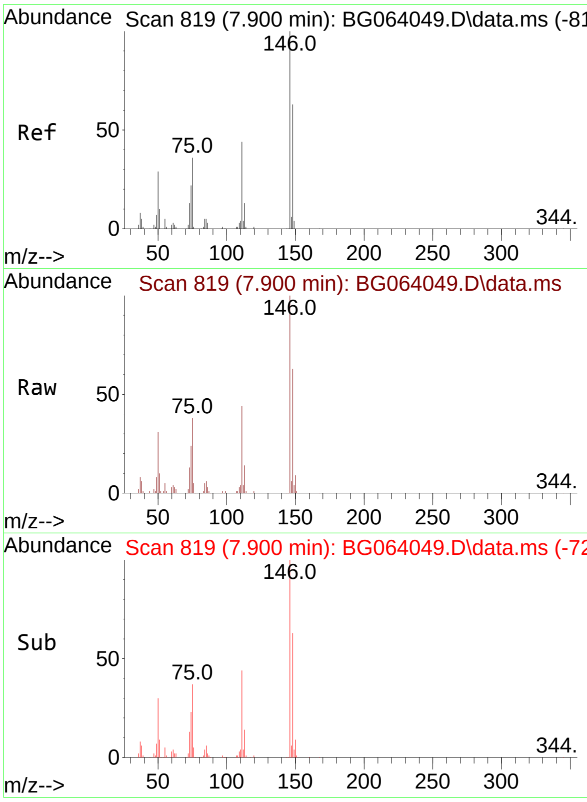
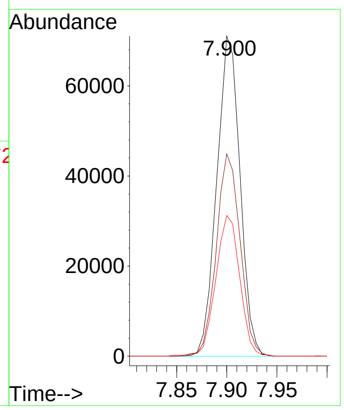
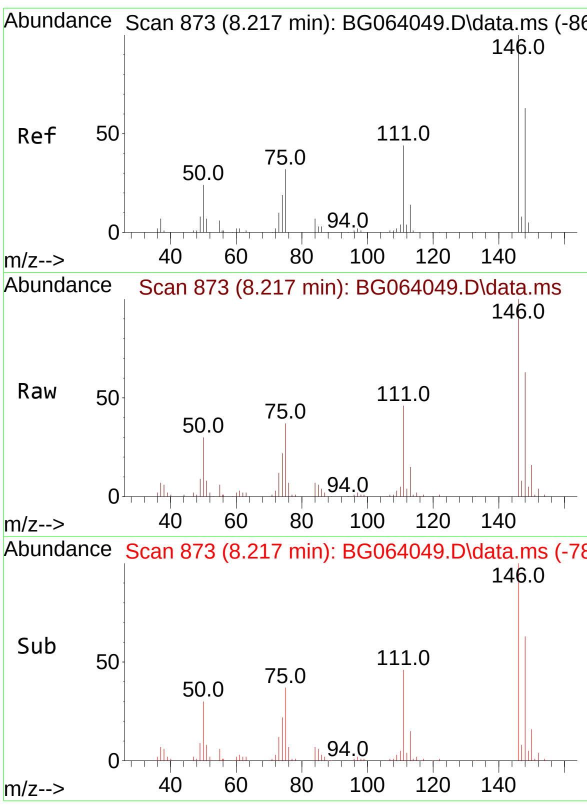


#13
1,4-Dichlorobenzene
Concen: 41.114 ng
RT: 7.900 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:146 Resp: 114970

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	43.9	35.1	52.7

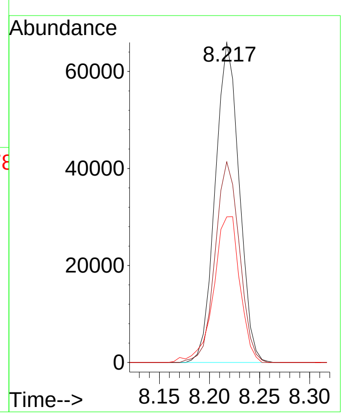


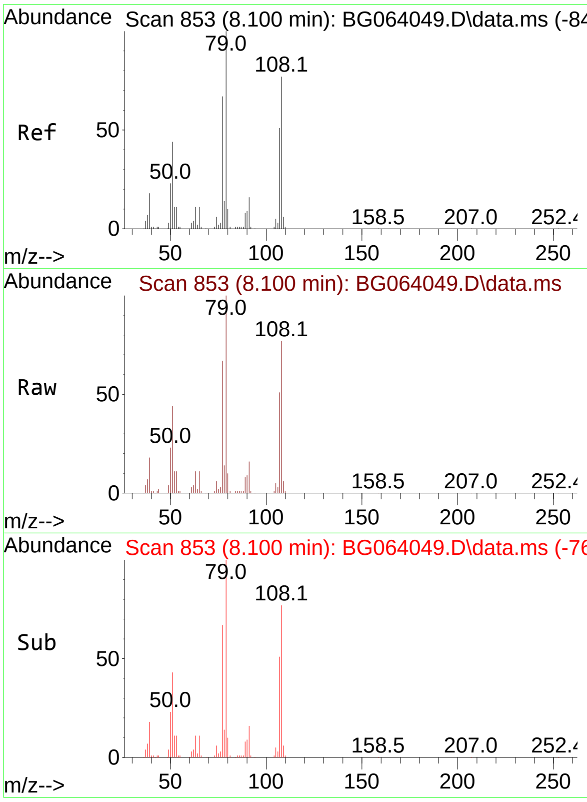


#14
1,2-Dichlorobenzene
Concen: 40.705 ng
RT: 8.217 min Scan# 873
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:146 Resp: 109760

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.2
111	45.5	36.4	54.6





#15
Benzyl Alcohol
Concen: 42.666 ng
RT: 8.100 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 10375

Ion	Ratio	Lower	Upper
79	100		
108	77.1	61.7	92.5
77	67.4	53.9	80.9

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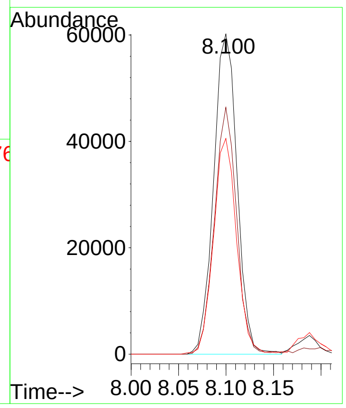
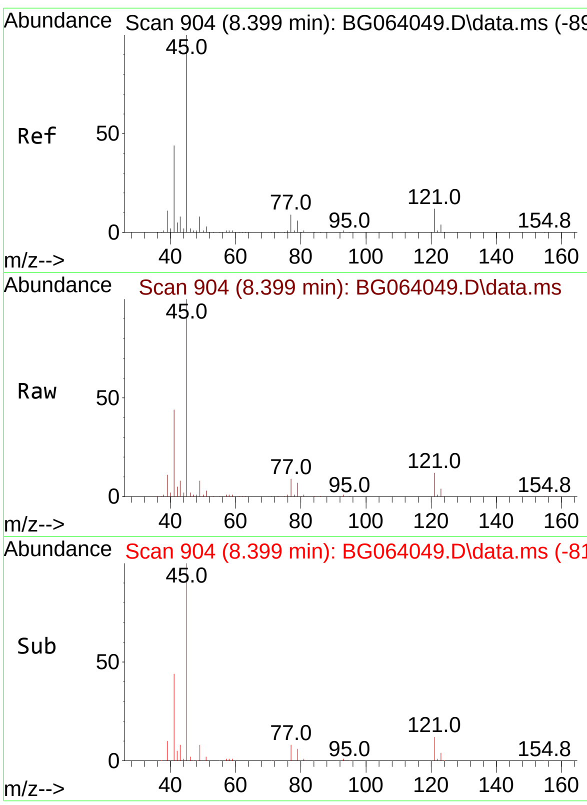
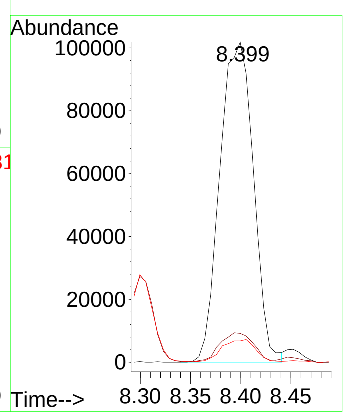




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.738 ng
RT: 8.399 min Scan# 904
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion: 45 Resp: 237053

Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	29.0
79	6.6	0.0	26.6



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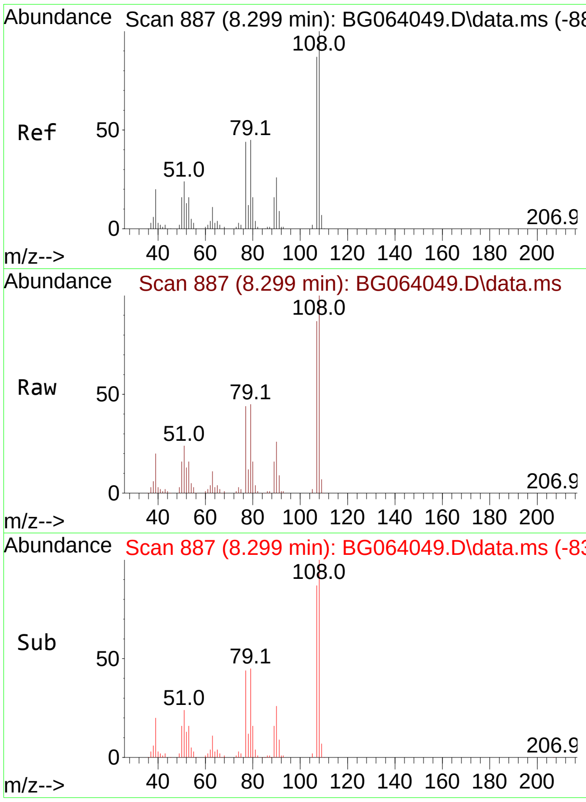
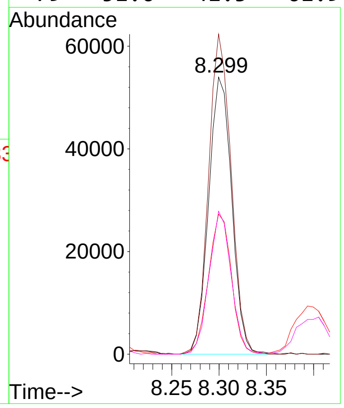


#17
2-Methylphenol
Concen: 42.852 ng
RT: 8.299 min Scan# 88
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:107 Resp: 9163

Ion	Ratio	Lower	Upper
107	100		
108	115.6	92.5	138.7
77	50.6	40.5	60.7
79	51.6	41.3	61.9



Instrument :
BNA_G
ClientSampleId :
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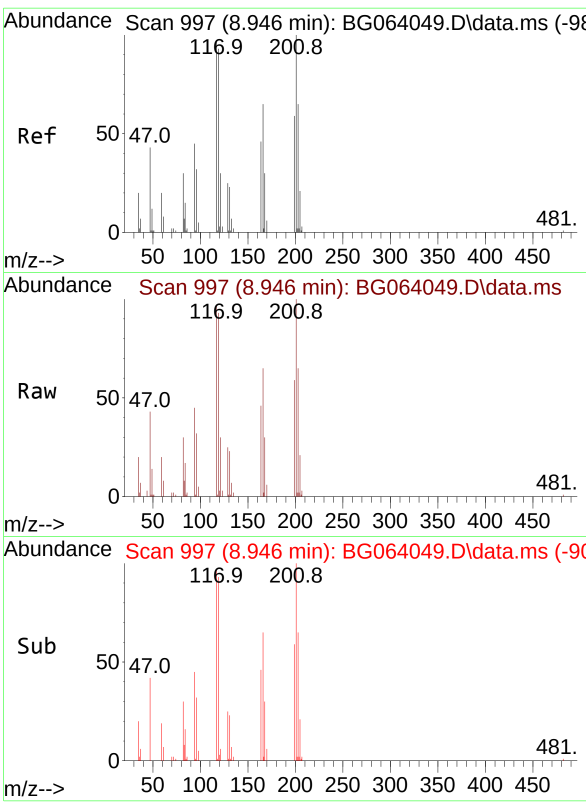
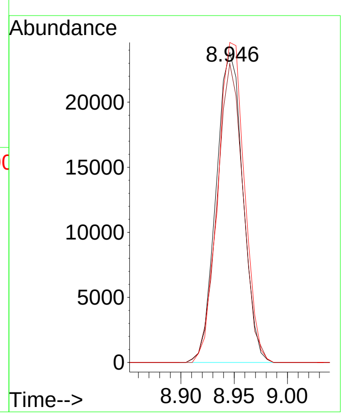


#18
Hexachloroethane
Concen: 42.603 ng
RT: 8.946 min Scan# 997
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:117 Resp: 41682

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.2
201	101.9	81.5	122.3



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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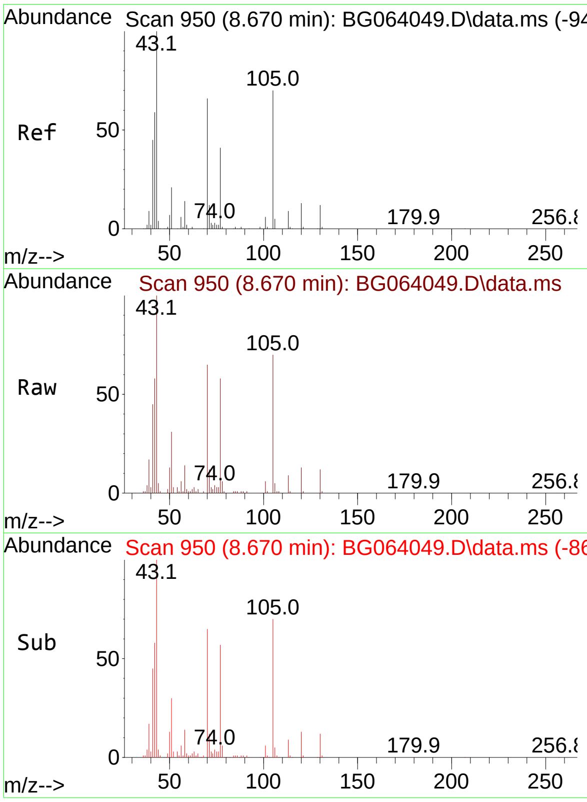
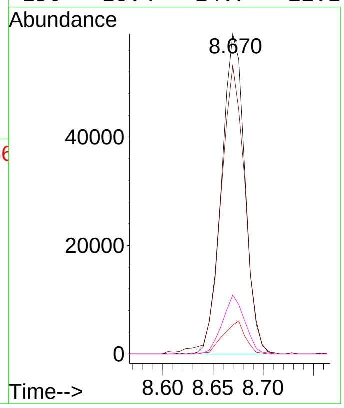
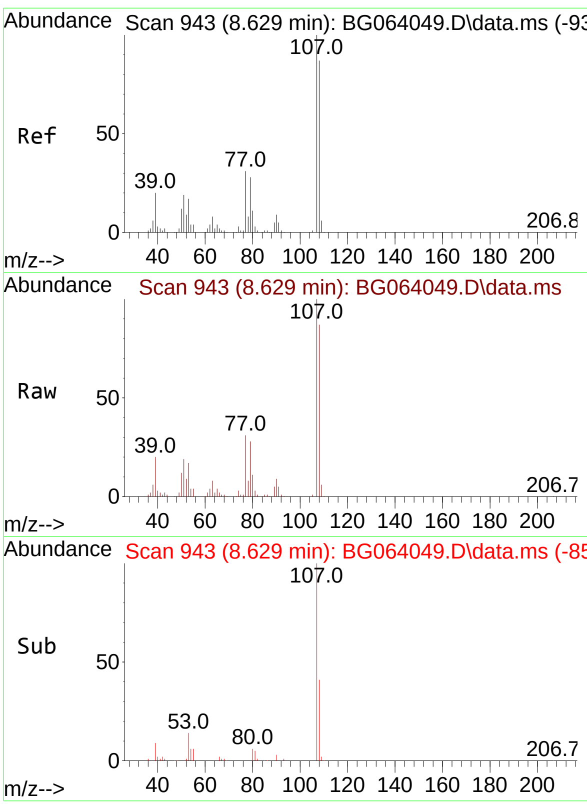
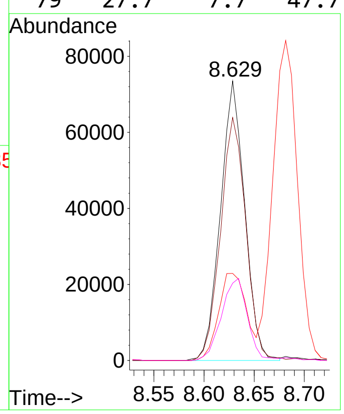



```
#19
n-Nitroso-di-n-propylamine
Concen:    43.283 ng
RT:    8.670 min   Scan# 9
Delta R.T.   0.000 min
Lab File:    BG064049.D
Acq:  5 Mar 2025   11:43

Tgt Ion: 70 Resp:   9558
Ion   Ratio   Lower   Upper
 70   100
 42    90.1    72.1   108.1
101     9.0     7.2    10.8
130    18.4    14.7    22.1
```

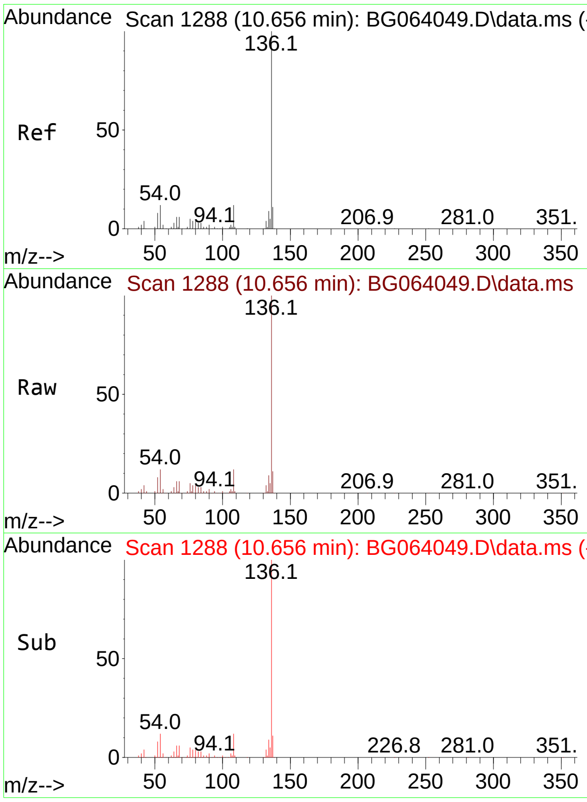





```
#20
3+4-Methylphenols
Concen:    41.875 ng
RT:    8.629 min   Scan# 943
Delta R.T.   0.000 min
Lab File:    BG064049.D
Acq:  5 Mar 2025   11:43

Tgt Ion:107 Resp:   123273
Ion   Ratio   Lower   Upper
107   100
108    87.0    67.0   107.0
 77    31.2    11.2    51.2
 79    27.7     7.7    47.7
```



ICAL Form



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.656 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 16659

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	12.4	9.9	14.9
68	5.7	4.6	6.8

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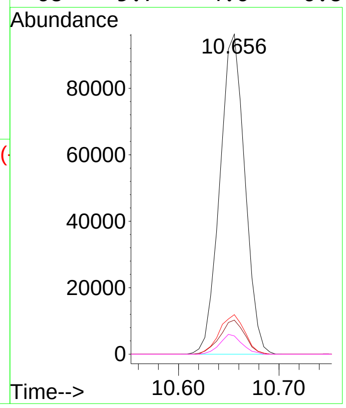
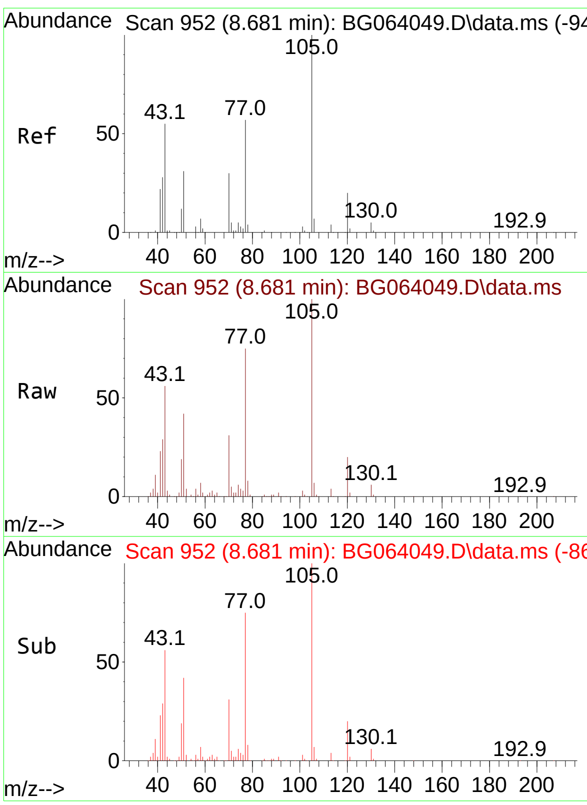
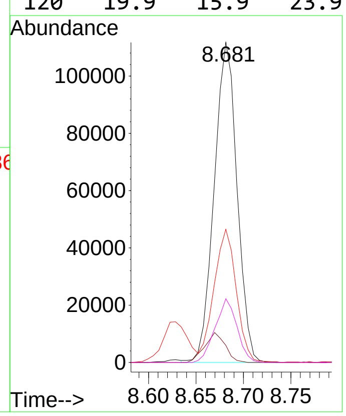




#22
Acetophenone
Concen: 41.048 ng
RT: 8.681 min Scan# 952
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:105 Resp: 187490

Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.2	6.4
51	41.6	33.3	49.9
120	19.9	15.9	23.9



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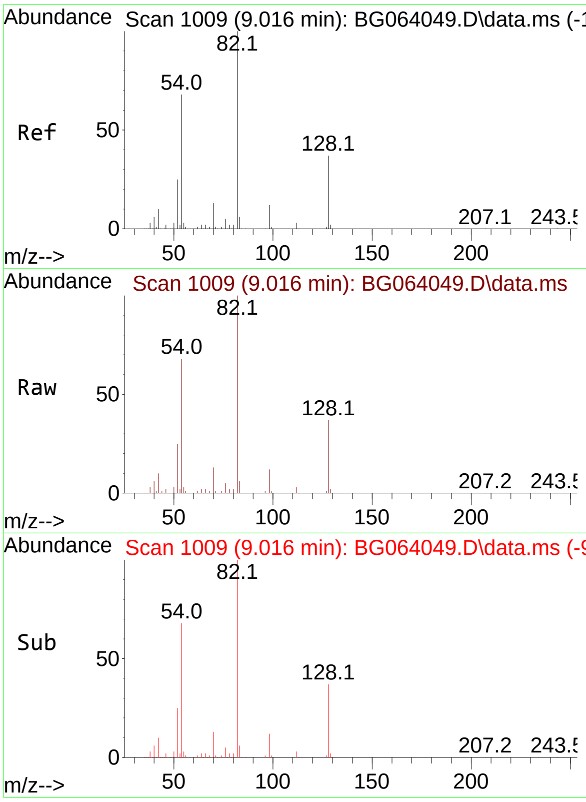

#23
Nitrobenzene-d5
Concen: 85.125 ng
RT: 9.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion: 82 Resp: 25661

Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.0	45.0
54	68.4	54.7	82.1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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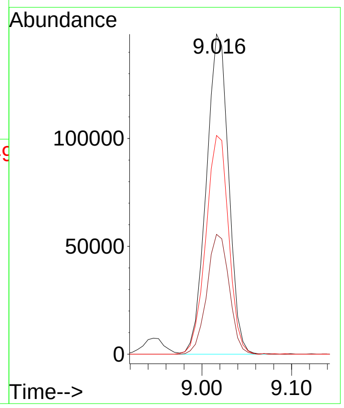
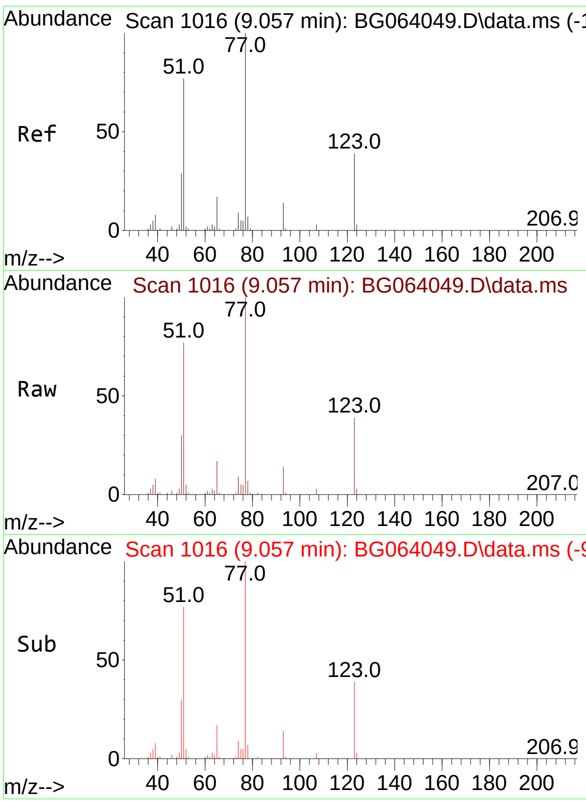
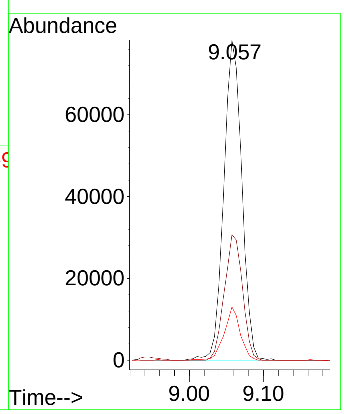




#24
Nitrobenzene
Concen: 42.497 ng
RT: 9.057 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion: 77 Resp: 132396

Ion	Ratio	Lower	Upper
77	100		
123	39.3	31.4	47.2
65	16.7	13.4	20.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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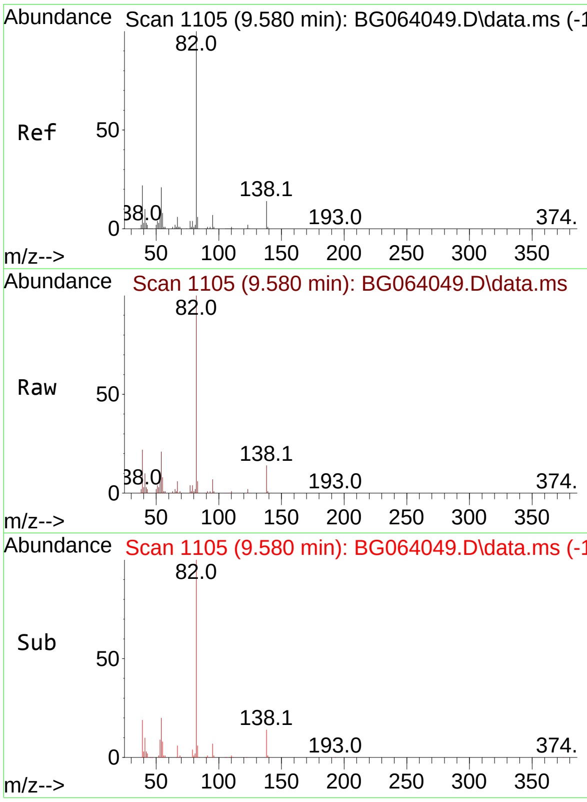
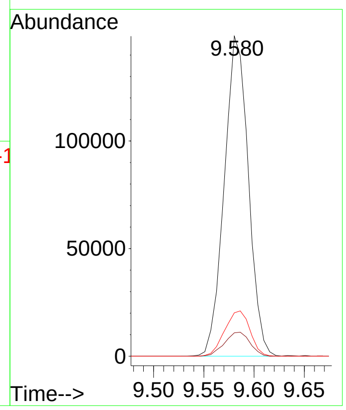
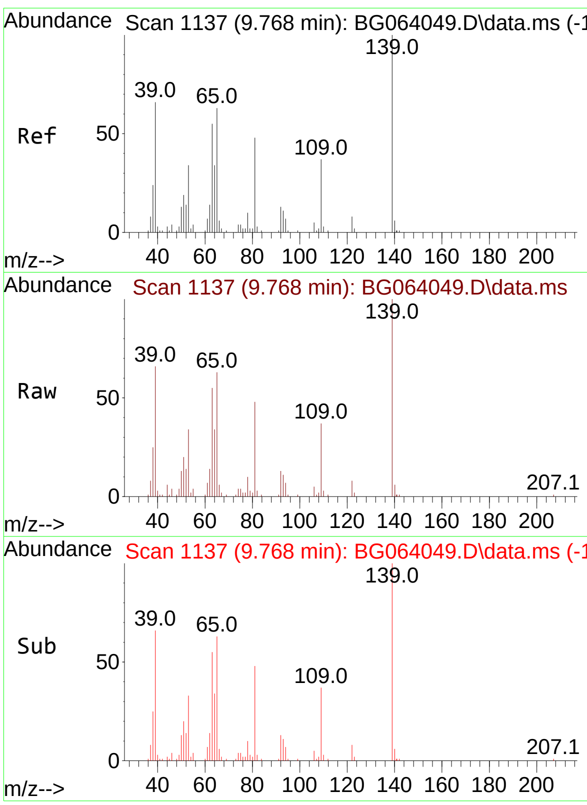


#25
Isophorone
Concen: 41.117 ng
RT: 9.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion: 82 Resp: 24809

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	13.6	10.9	16.3

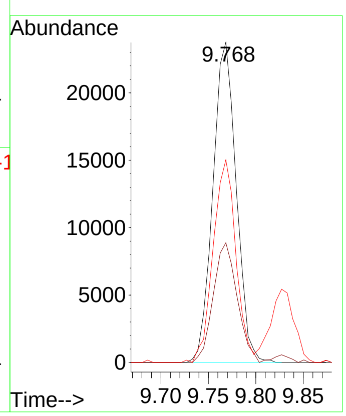




#26
2-Nitrophenol
Concen: 39.553 ng
RT: 9.768 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:139 Resp: 40684

Ion	Ratio	Lower	Upper
139	100		
109	37.4	29.9	44.9
65	63.3	50.6	76.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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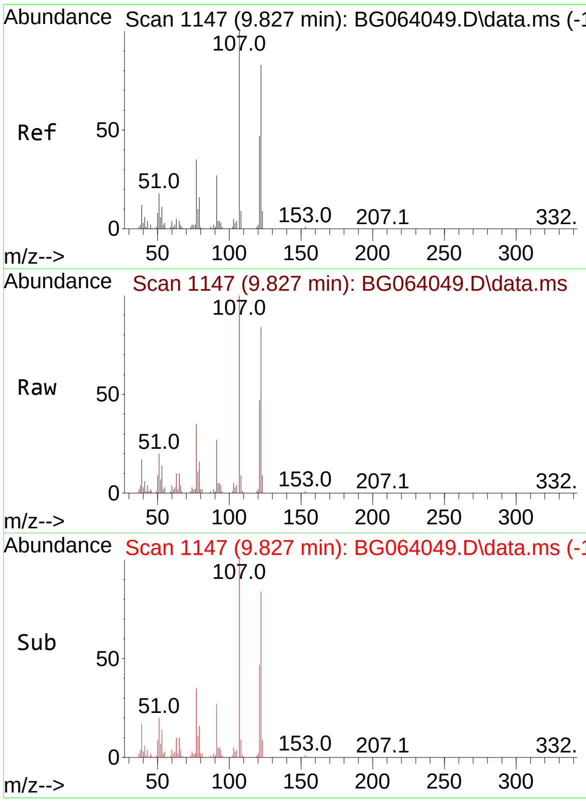
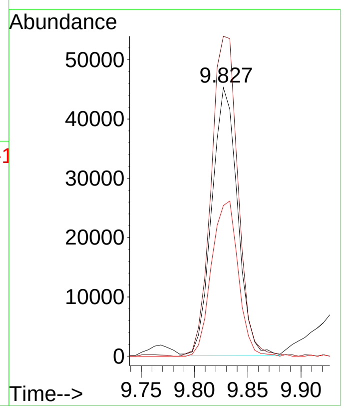
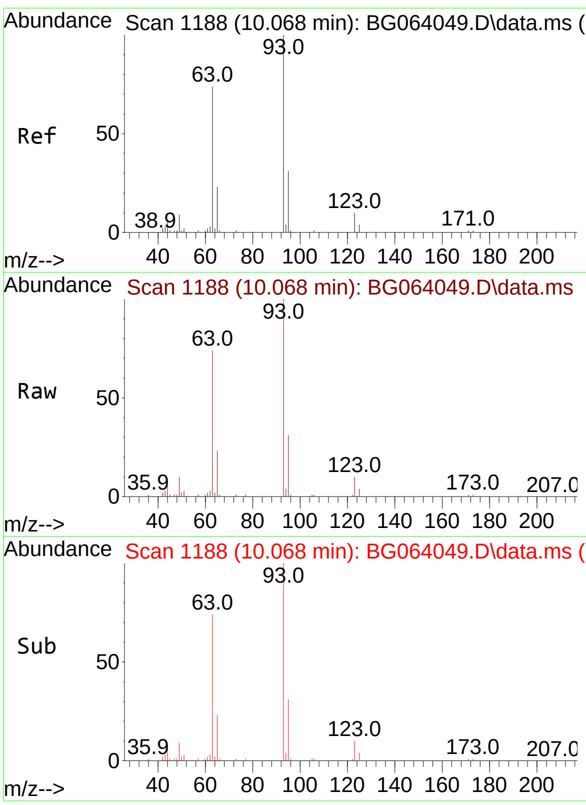


#27
2,4-Dimethylphenol
Concen: 42.079 ng
RT: 9.827 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:122 Resp: 7611

Ion	Ratio	Lower	Upper
122	100		
107	119.2	95.4	143.0
121	56.1	44.9	67.3

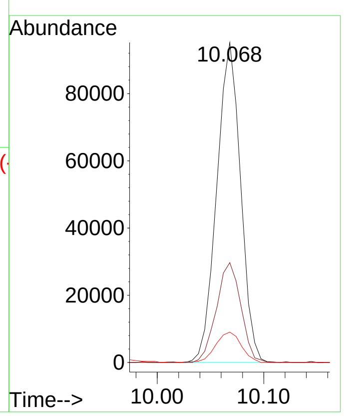


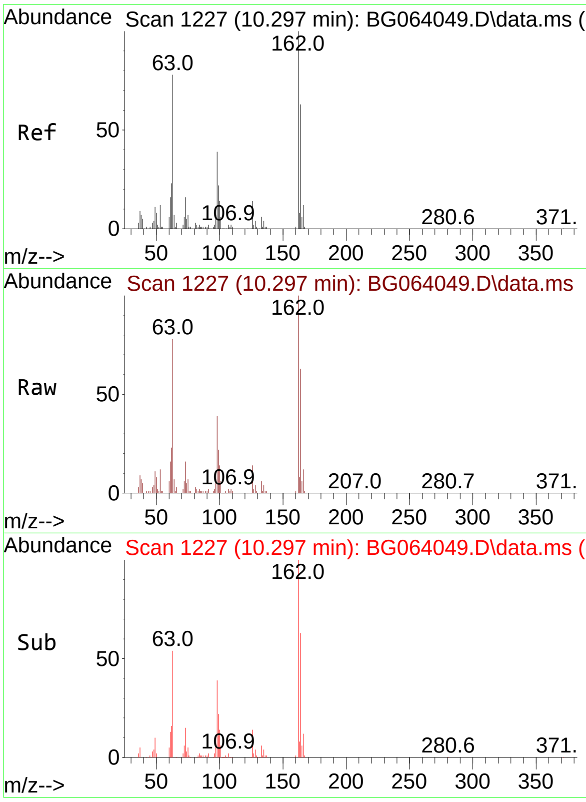


#28
bis(2-Chloroethoxy)methane
Concen: 40.391 ng
RT: 10.068 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion: 93 Resp: 147757

Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.0	37.4
123	9.5	7.6	11.4





#29
2,4-Dichlorophenol
Concen: 41.916 ng
RT: 10.297 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 9573

Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.8	82.8
98	39.1	19.1	59.1

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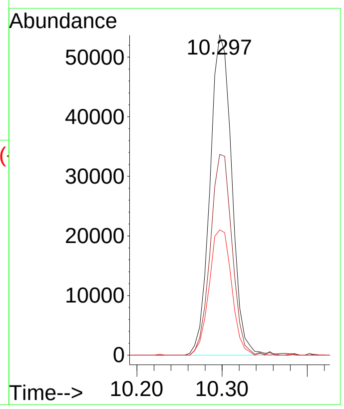
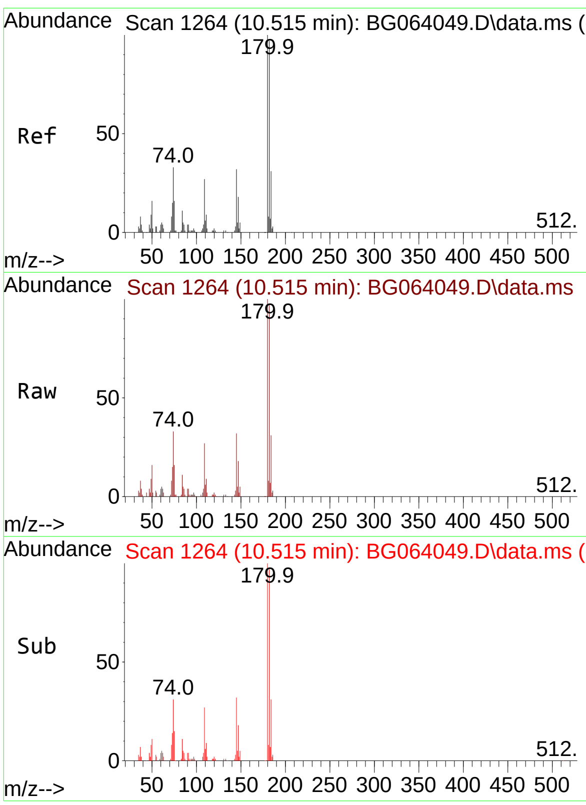
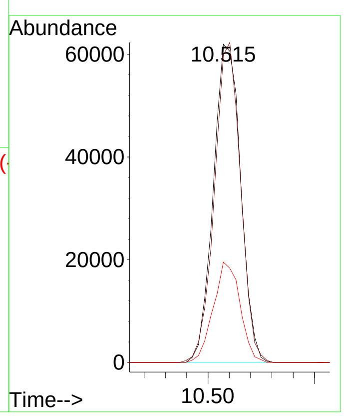




#30
1,2,4-Trichlorobenzene
Concen: 40.125 ng
RT: 10.515 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:180 Resp: 110636

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.3	115.9
145	31.5	25.2	37.8



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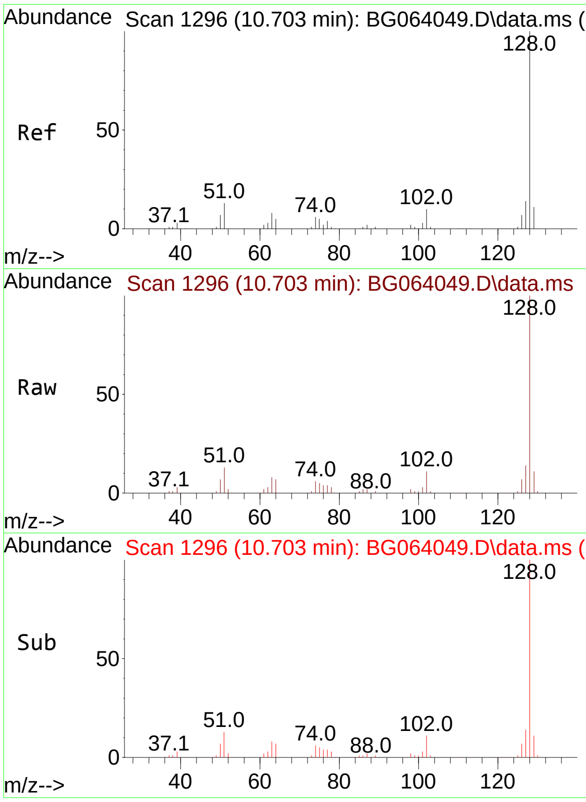

#31
Naphthalene
Concen: 40.004 ng
RT: 10.703 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:128 Resp: 35936

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.4	12.6
127	13.9	11.1	16.7

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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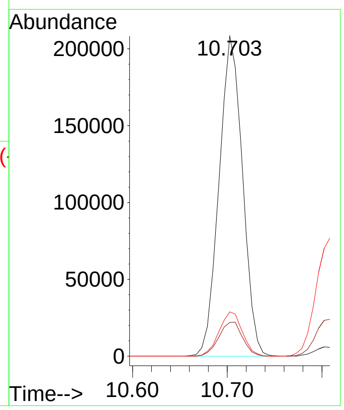
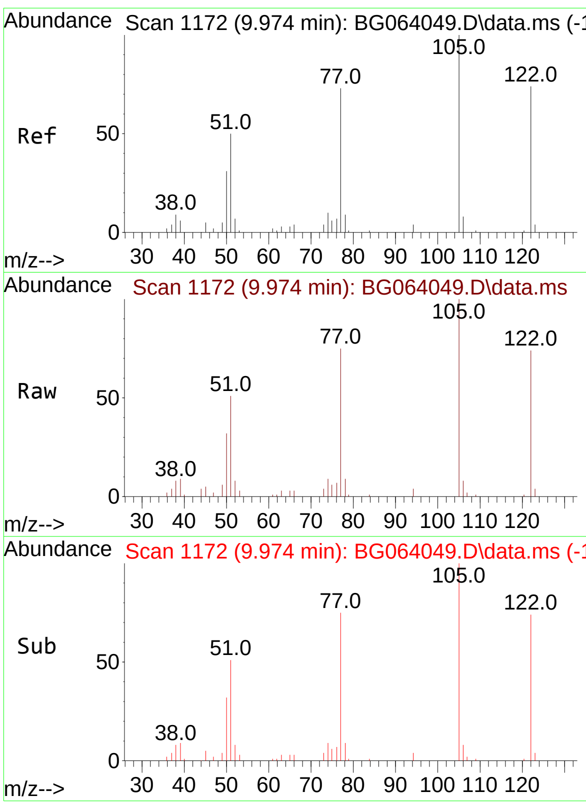
Supervised By :mohammad ahmed 03/07/2025

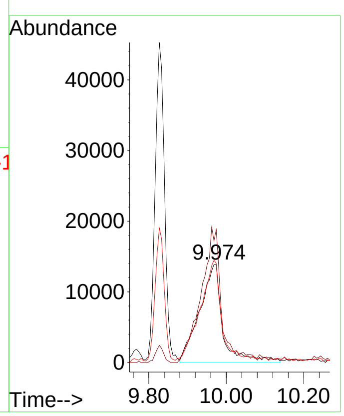




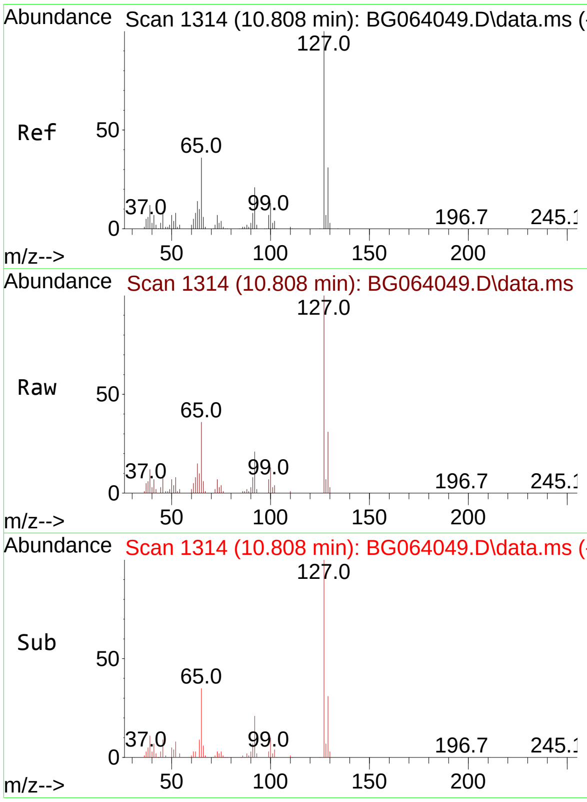
#32
Benzoic acid
Concen: 37.004 ng m
RT: 9.974 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:122 Resp: 57392

Ion	Ratio	Lower	Upper
122	100		
105	135.0	115.0	155.0
77	100.9	80.9	120.9



ICAL Form



#33
4-Chloroaniline
Concen: 42.251 ng
RT: 10.808 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 13872

Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.0	37.4
65	35.6	28.5	42.7
92	20.6	16.5	24.7

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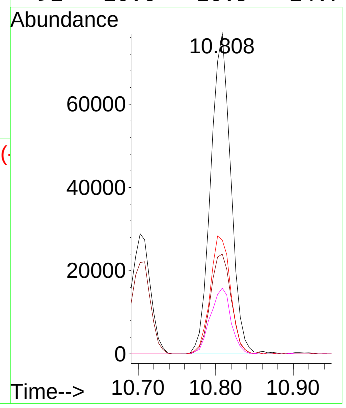
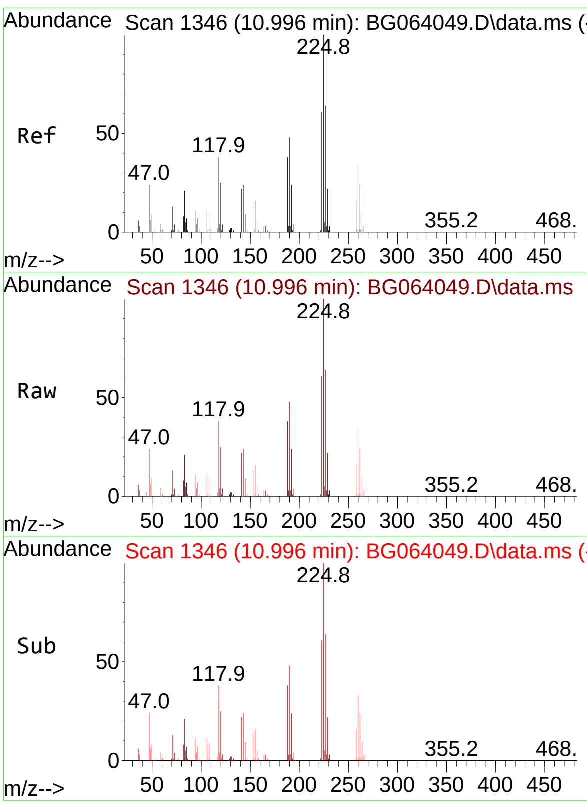
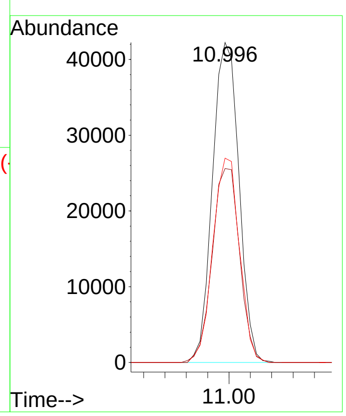




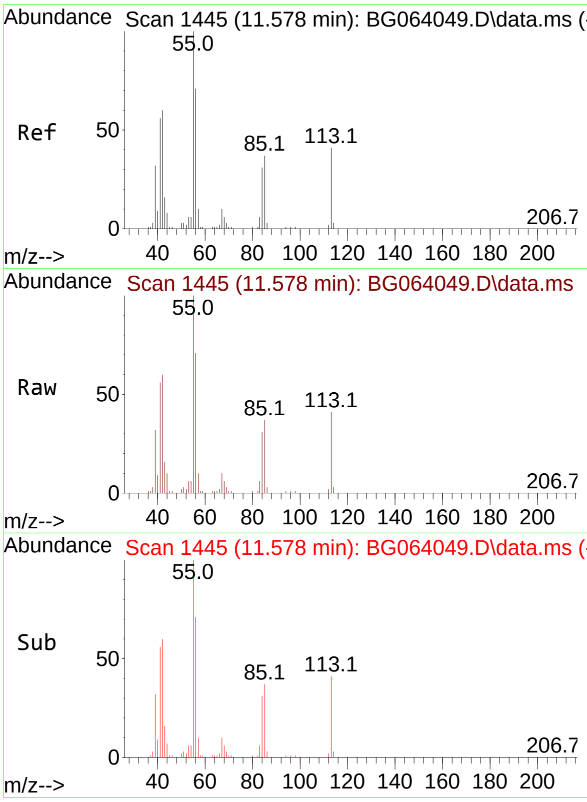
#34
Hexachlorobutadiene
Concen: 40.294 ng
RT: 10.996 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:225 Resp: 72822

Ion	Ratio	Lower	Upper
225	100		
223	60.6	48.5	72.7
227	63.8	51.0	76.6



ICAL Form



#35
Caprolactam
Concen: 41.970 ng
RT: 11.578 min Scan# 14
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:113 Resp: 3673

Ion	Ratio	Lower	Upper
113	100		
55	245.2	225.2	265.2
56	173.4	153.4	193.4

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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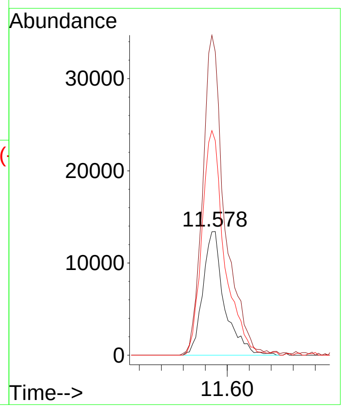
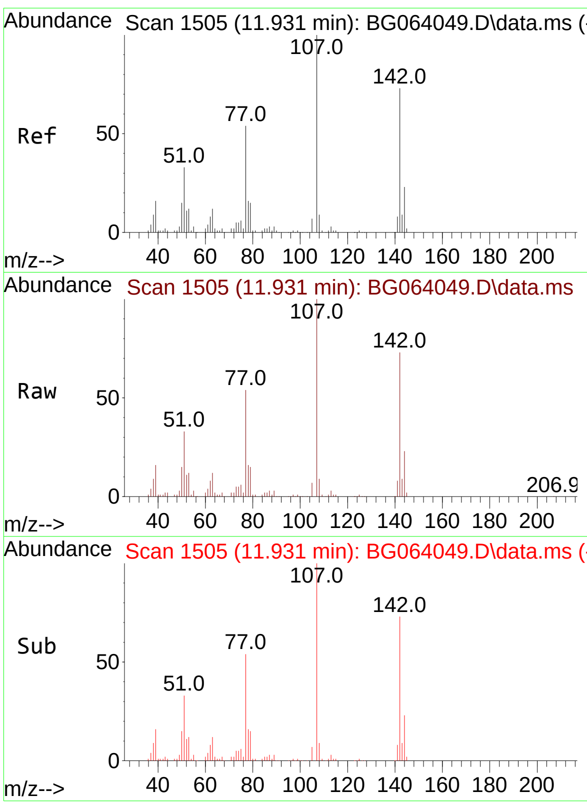
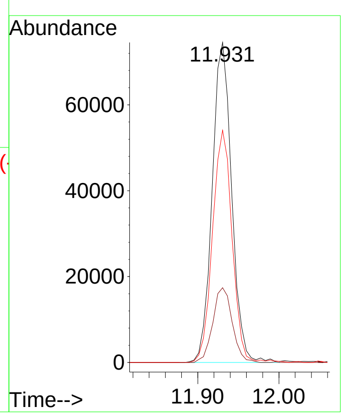




#36
4-Chloro-3-methylphenol
Concen: 41.558 ng
RT: 11.931 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:107 Resp: 124422

Ion	Ratio	Lower	Upper
107	100		
144	23.3	18.6	28.0
142	72.5	58.0	87.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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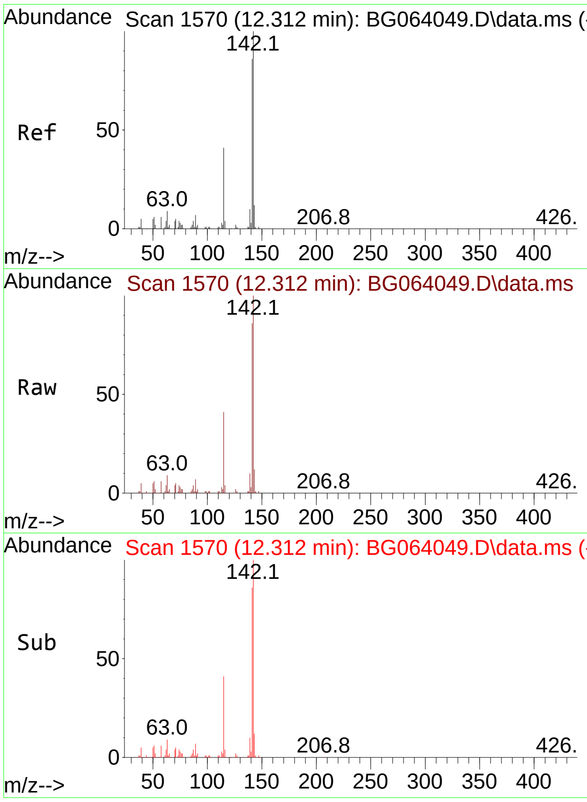
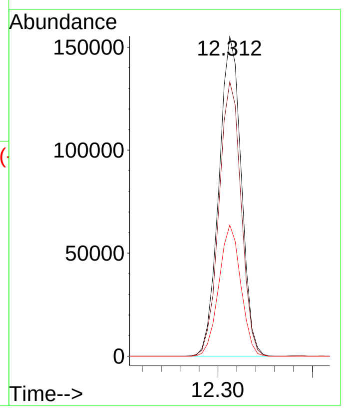
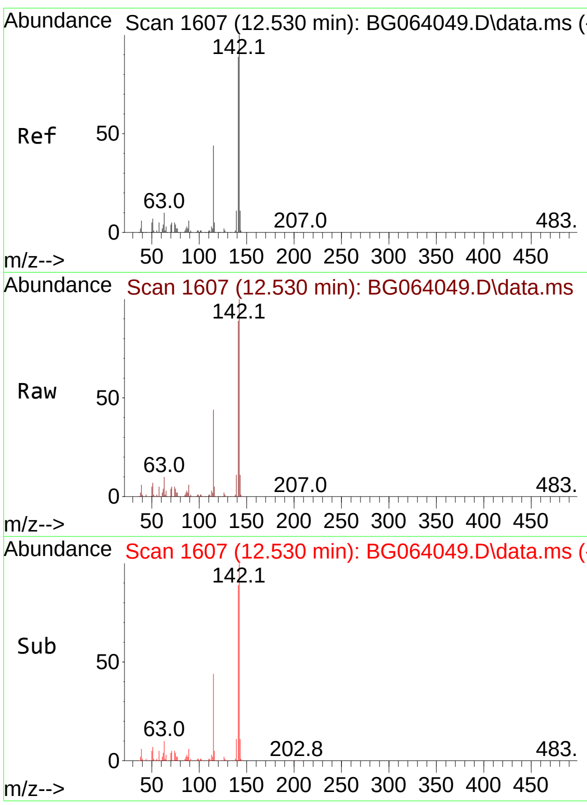


#37
2-Methylnaphthalene
Concen: 40.099 ng
RT: 12.312 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:142 Resp: 25429

Ion	Ratio	Lower	Upper
142	100		
141	85.8	68.6	103.0
115	41.0	32.8	49.2

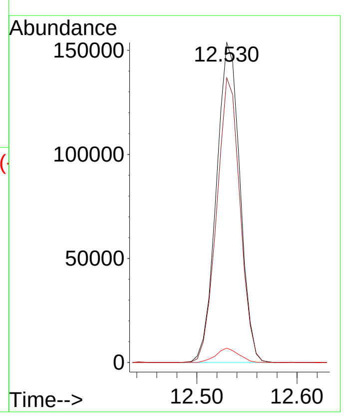


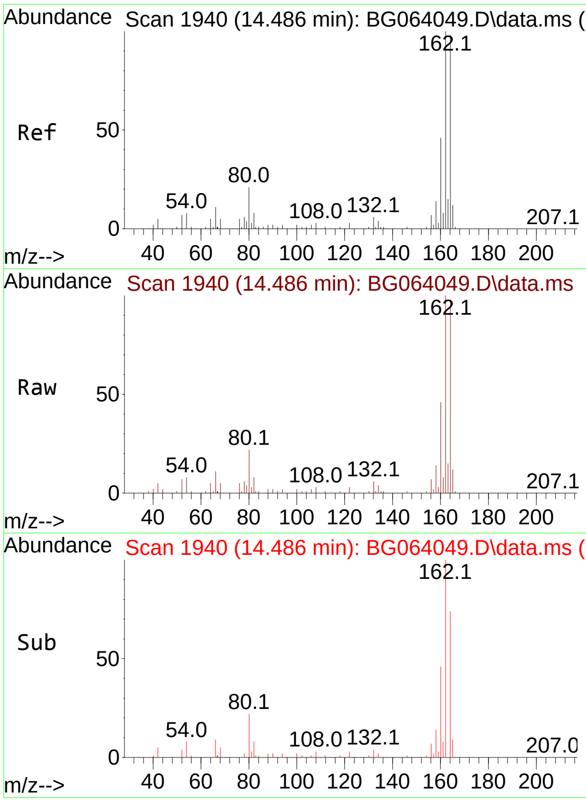


#38
1-Methylnaphthalene
Concen: 40.394 ng
RT: 12.530 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:142 Resp: 250971

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
116	4.5	3.6	5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min   Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 11340

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	46.3	37.0	55.6

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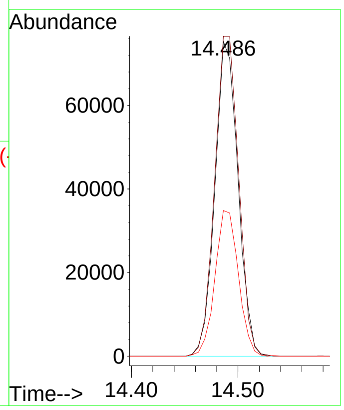
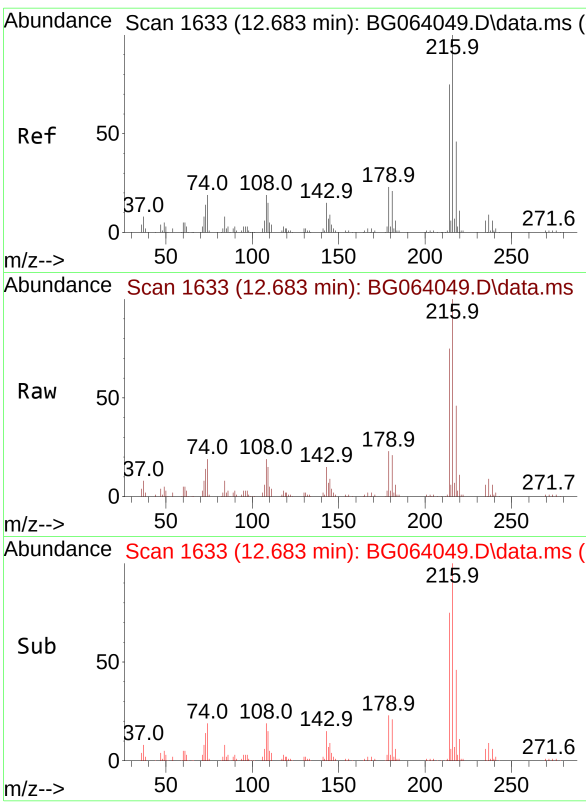
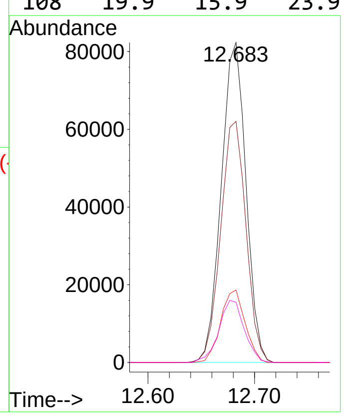




#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.034 ng
RT: 12.683 min   Scan# 1633
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:216 Resp: 132854

Ion	Ratio	Lower	Upper
216	100		
214	77.1	61.7	92.5
179	22.4	17.9	26.9
108	19.9	15.9	23.9



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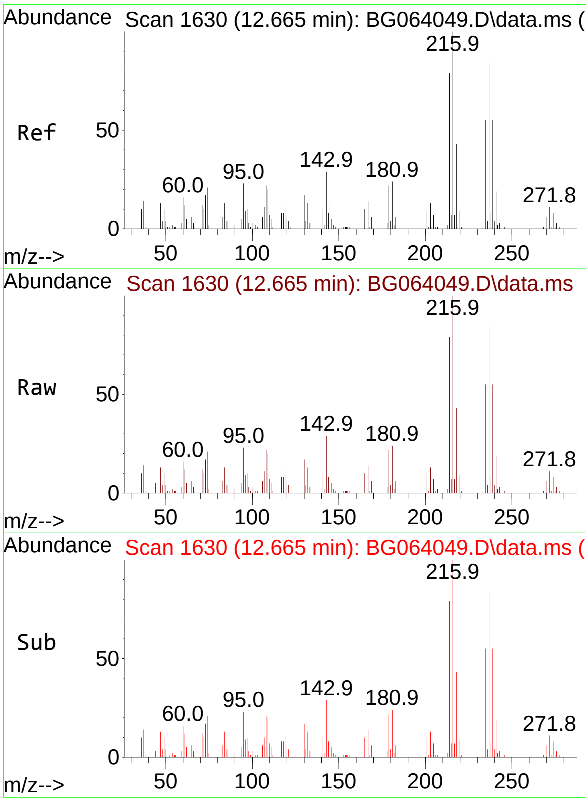

#41
Hexachlorocyclopentadiene
Concen: 43.464 ng
RT: 12.665 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:237 Resp: 3960(

Ion	Ratio	Lower	Upper
237	100		
235	66.0	46.0	86.0
272	12.8	0.0	32.8

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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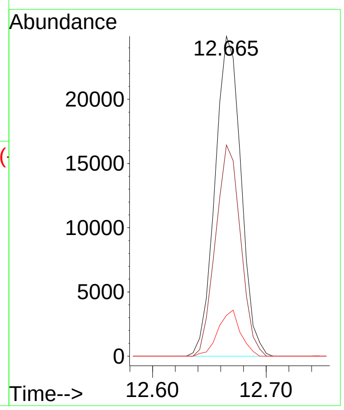
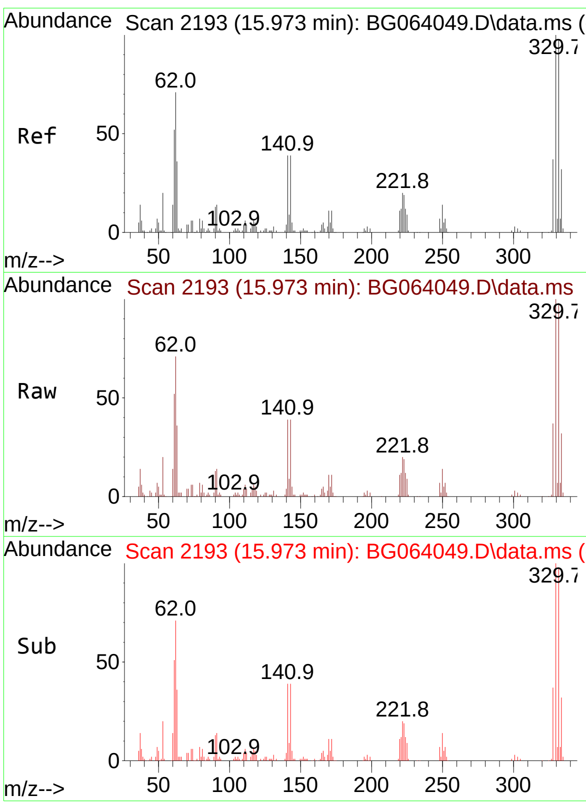
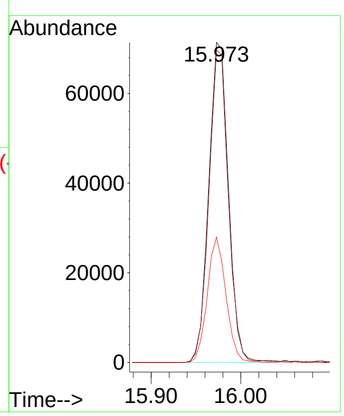


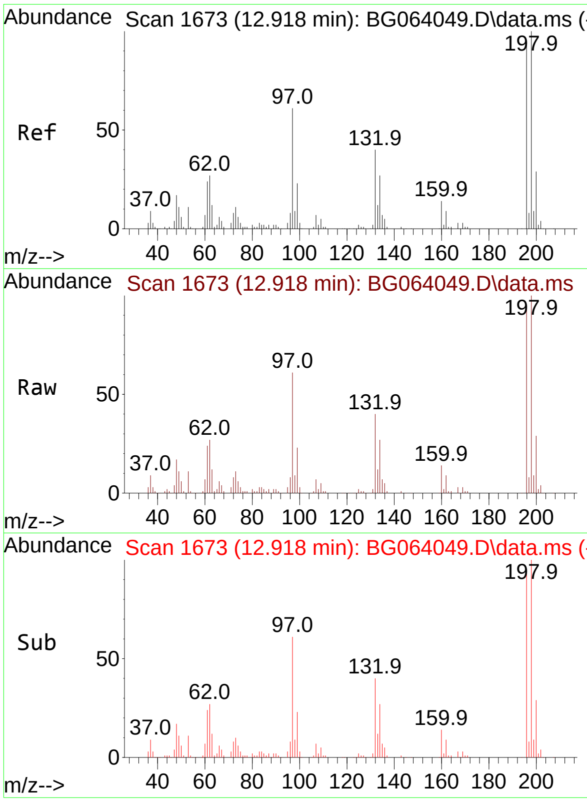


#42
2,4,6-Tribromophenol
Concen: 86.616 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:330 Resp: 109187

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.7	115.1
141	37.1	29.7	44.5





#43
2,4,6-Trichlorophenol
Concen: 42.524 ng
RT: 12.918 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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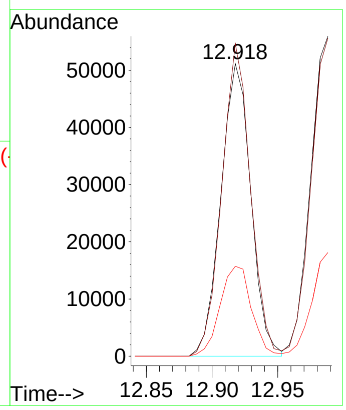
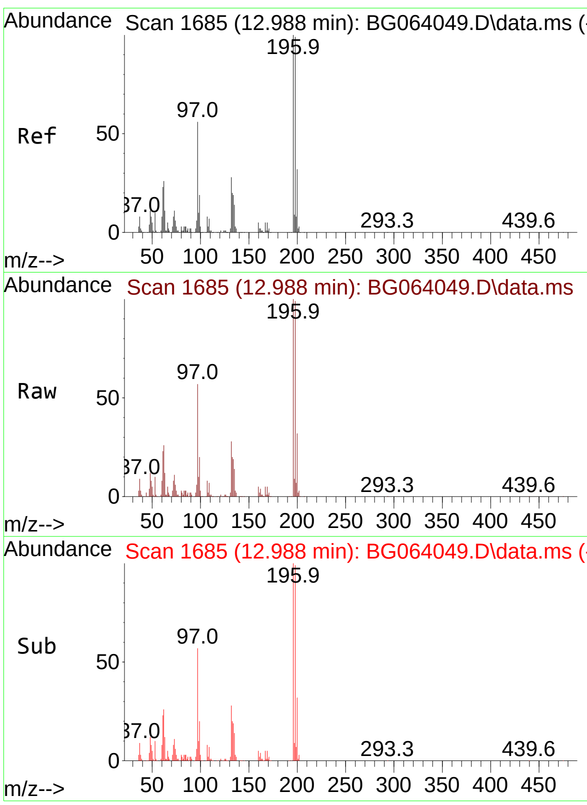
Tgt Ion:196 Resp: 8114

Ion	Ratio	Lower	Upper
196	100		
198	107.0	85.6	128.4
200	30.8	24.6	37.0

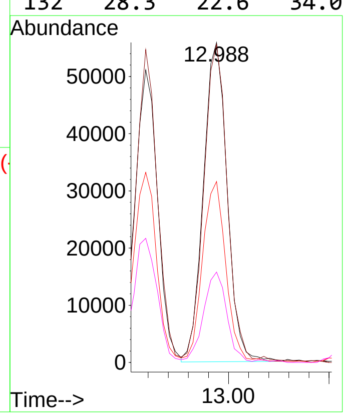


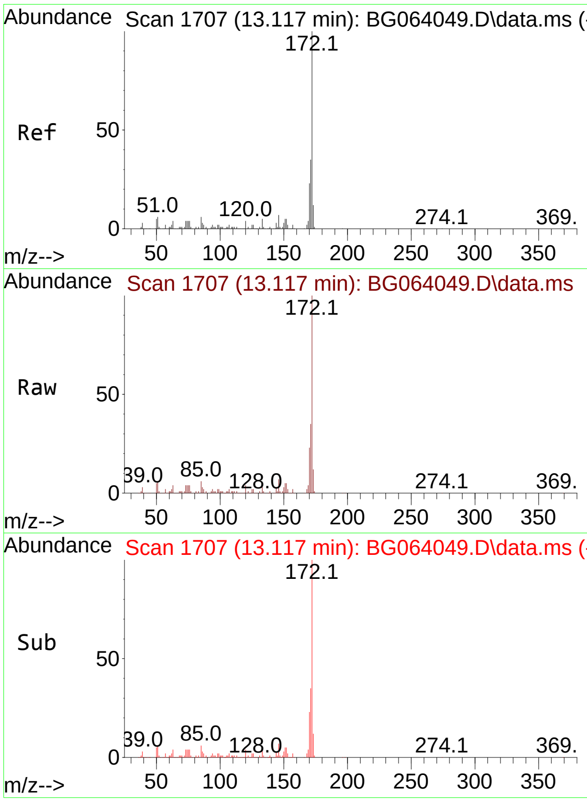


#44
2,4,5-Trichlorophenol
Concen: 43.449 ng
RT: 12.988 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:196 Resp: 92122

Ion	Ratio	Lower	Upper
196	100		
198	99.4	79.5	119.3
97	56.5	45.2	67.8
132	28.3	22.6	34.0





#45
2-Fluorobiphenyl
Concen: 83.029 ng
RT: 13.117 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:172 Resp: 62033

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.0	42.0
170	23.4	18.7	28.1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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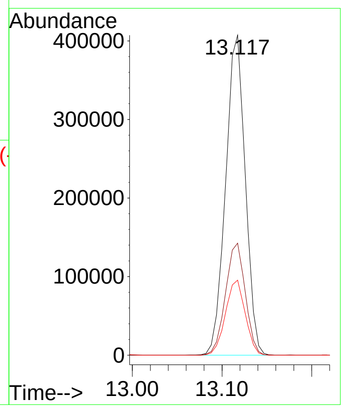
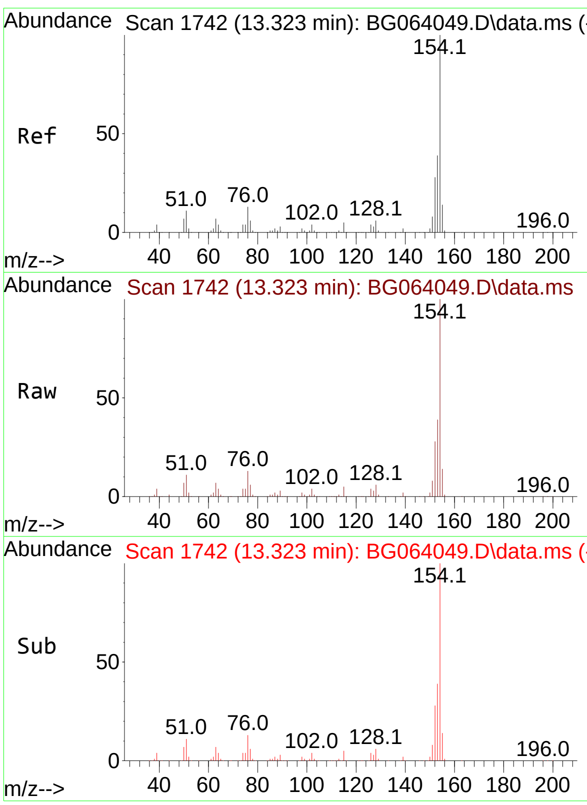
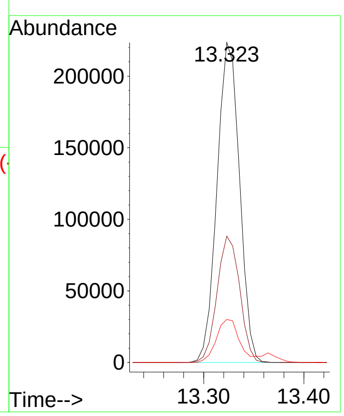




#46
1,1'-Biphenyl
Concen: 40.719 ng
RT: 13.323 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:154 Resp: 348881

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.5	59.5
76	13.5	0.0	33.5



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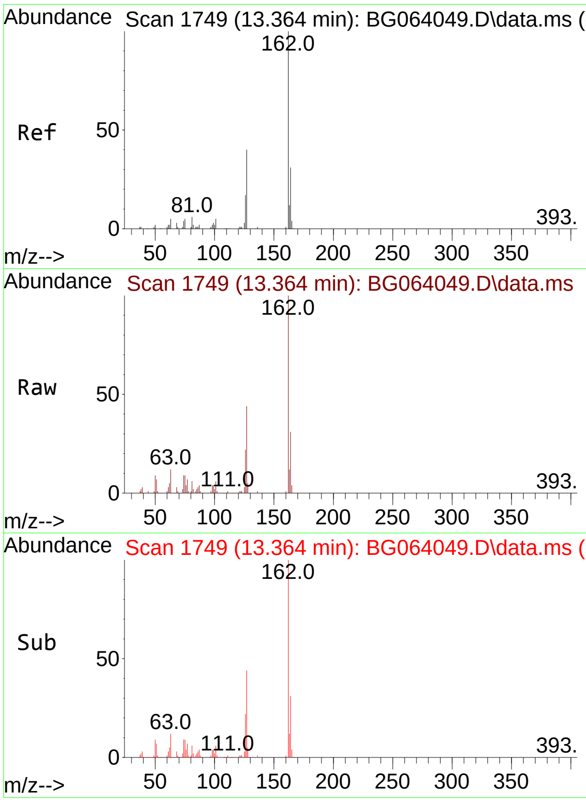

#47
2-Chloronaphthalene
Concen: 40.894 ng
RT: 13.364 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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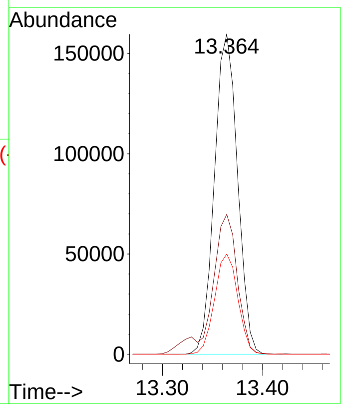
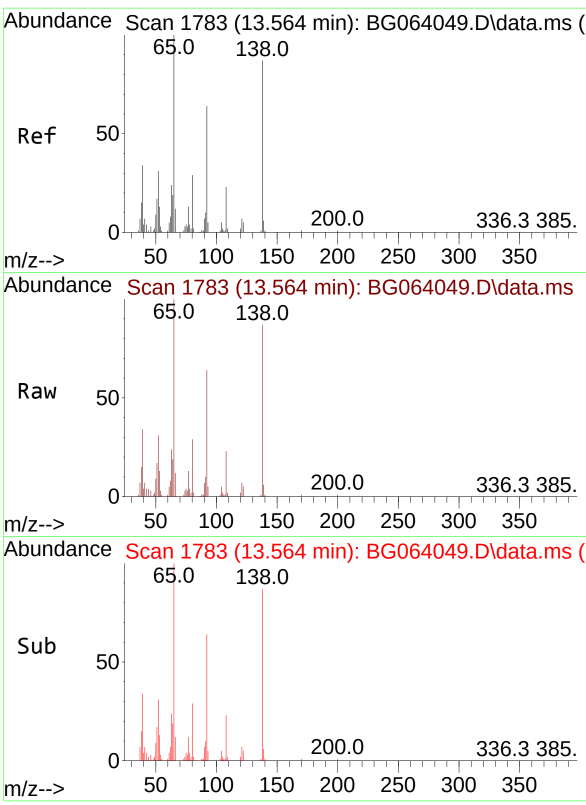
Tgt Ion:162 Resp: 25554

Ion	Ratio	Lower	Upper
162	100		
127	43.7	35.0	52.4
164	31.3	25.0	37.6

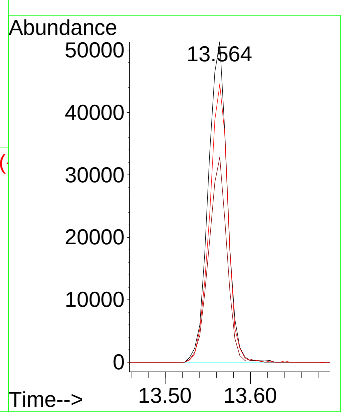




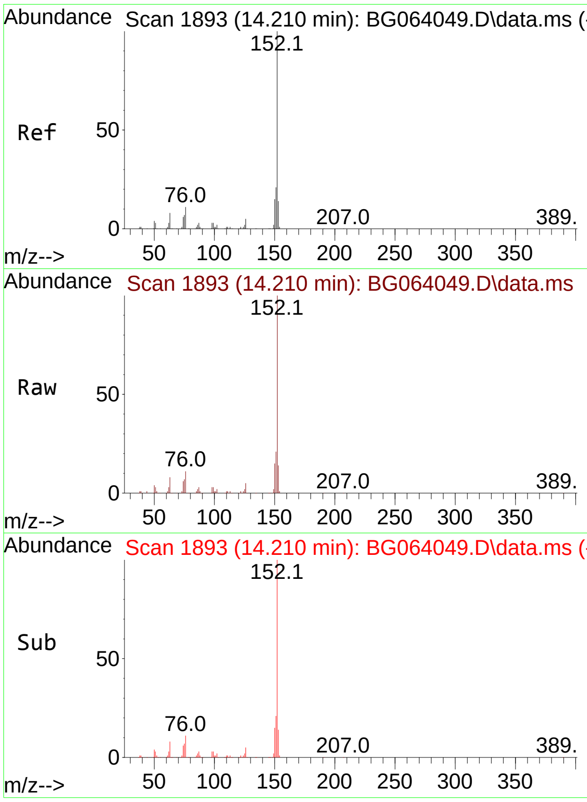
#48
2-Nitroaniline
Concen: 39.603 ng
RT: 13.564 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion: 65 Resp: 78919

Ion	Ratio	Lower	Upper
65	100		
92	64.0	51.2	76.8
138	86.8	69.4	104.2



ICAL Form



#49
Acenaphthylene
Concen: 41.052 ng
RT: 14.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:152 Resp: 40575

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.6	10.9	16.3

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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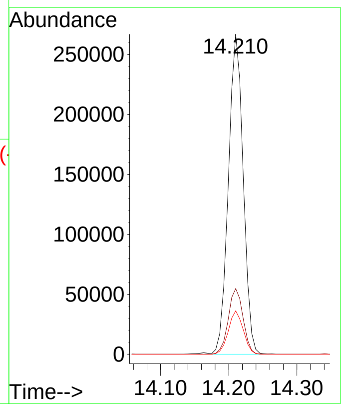
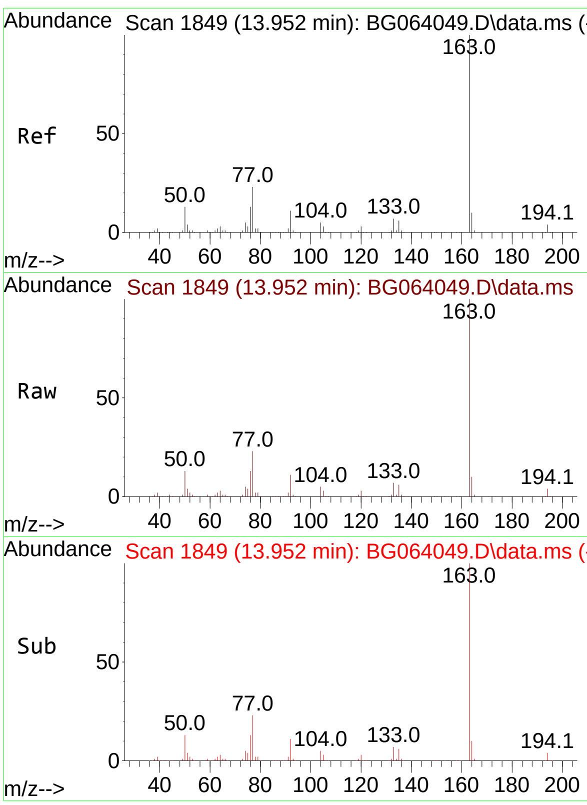
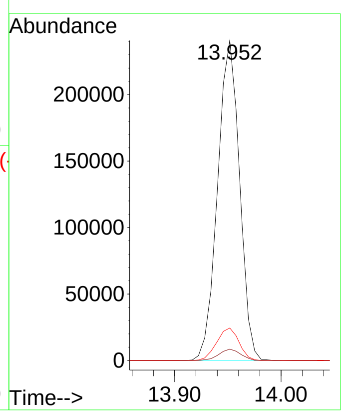




#50
Dimethylphthalate
Concen: 41.187 ng
RT: 13.952 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:163 Resp: 344791

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.2	8.2	12.2



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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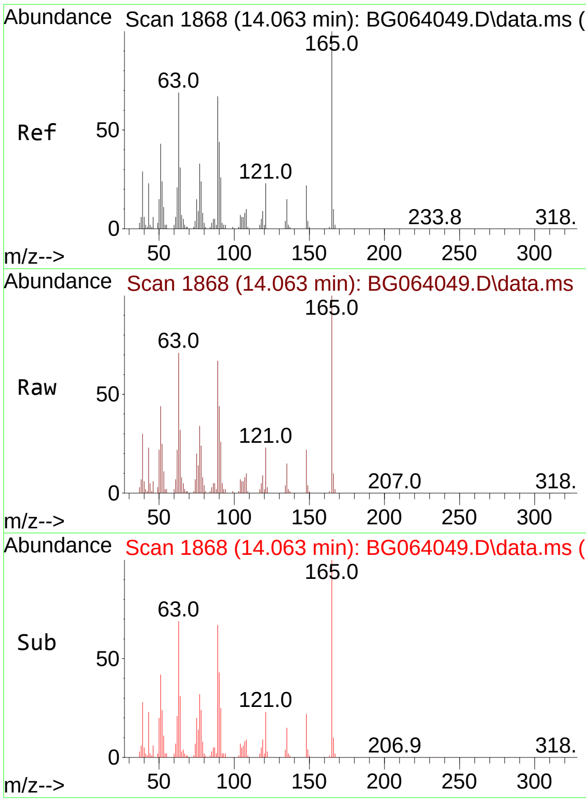
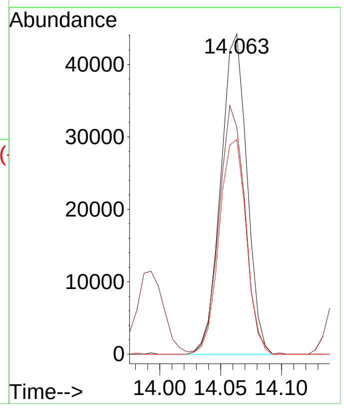
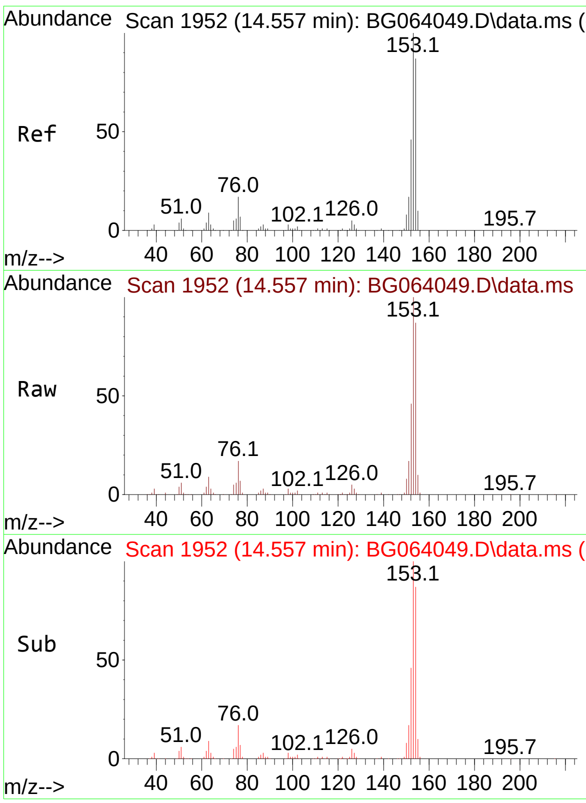
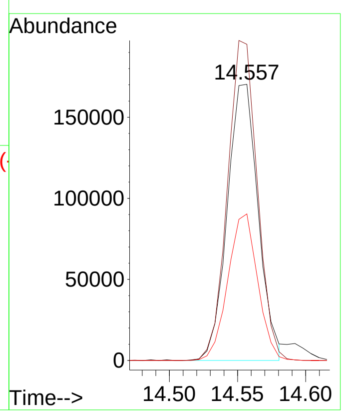



```
#51
2,6-Dinitrotoluene
Concen:   39.610 ng
RT:  14.063 min   Scan# 1
Delta R.T.  0.000 min
Lab File:   BG064049.D
Acq:  5 Mar 2025   11:43

Tgt Ion:165 Resp:   66200
Ion  Ratio  Lower  Upper
165  100
 63   70.9   56.7   85.1
 89   67.1   53.7   80.5
```

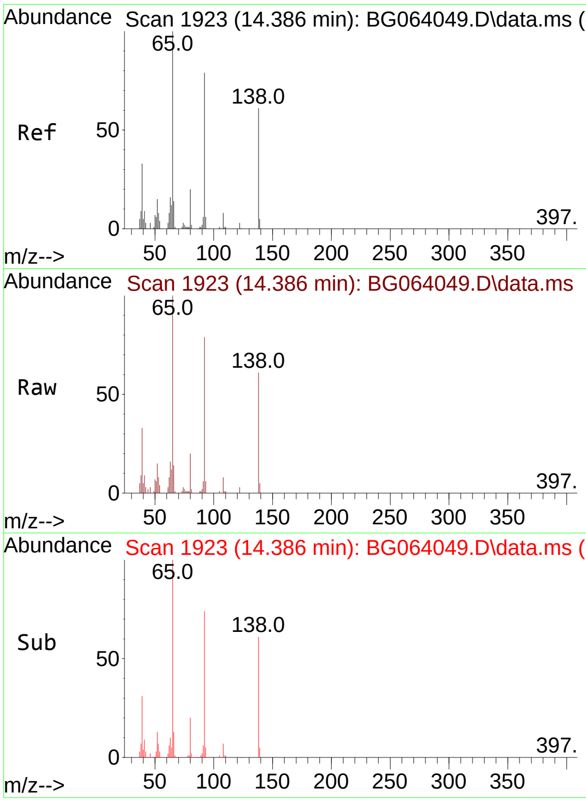





```
#52
Acenaphthene
Concen:   40.492 ng   m
RT:  14.557 min   Scan# 1952
Delta R.T.  0.000 min
Lab File:   BG064049.D
Acq:  5 Mar 2025   11:43

Tgt Ion:154 Resp:   269147
Ion  Ratio  Lower  Upper
154  100
153  114.5   91.6  137.4
152   53.1   42.5   63.7
```



ICAL Form



#53
3-Nitroaniline
Concen: 44.330 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 7172

Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.1	15.1
92	130.1	104.1	156.1

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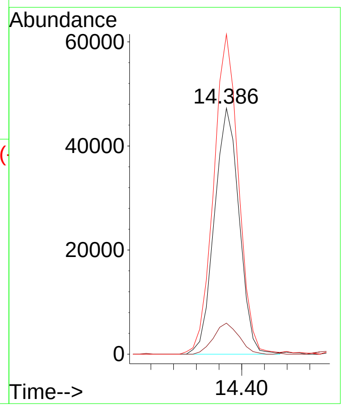
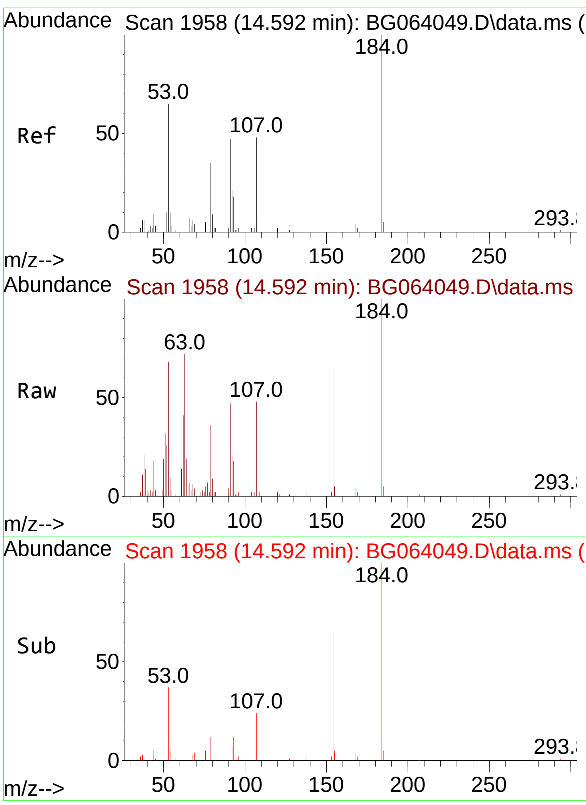
Supervised By :mohammad ahmed 03/07/2025

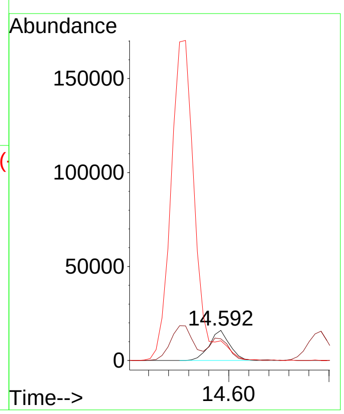




#54
2,4-Dinitrophenol
Concen: 36.881 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:184 Resp: 22778

Ion	Ratio	Lower	Upper
184	100		
63	71.9	57.5	86.3
154	65.4	52.3	78.5



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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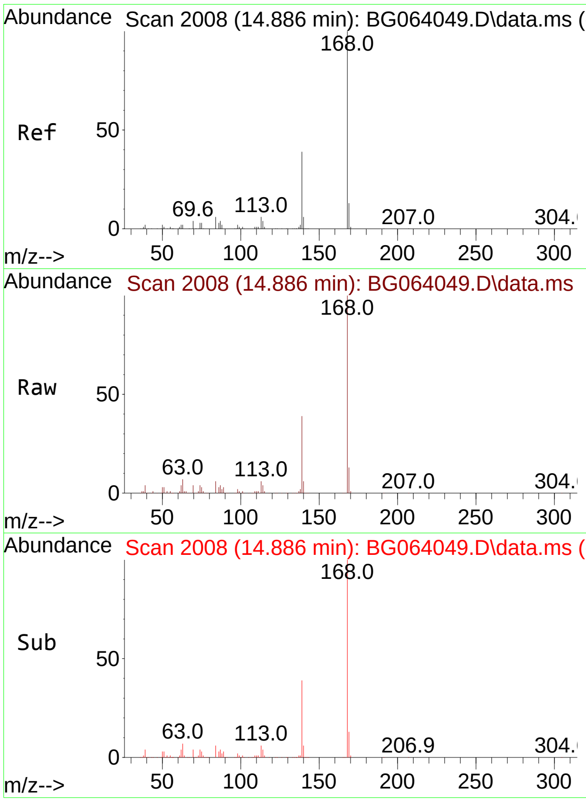
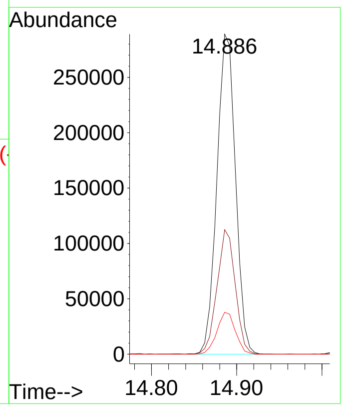
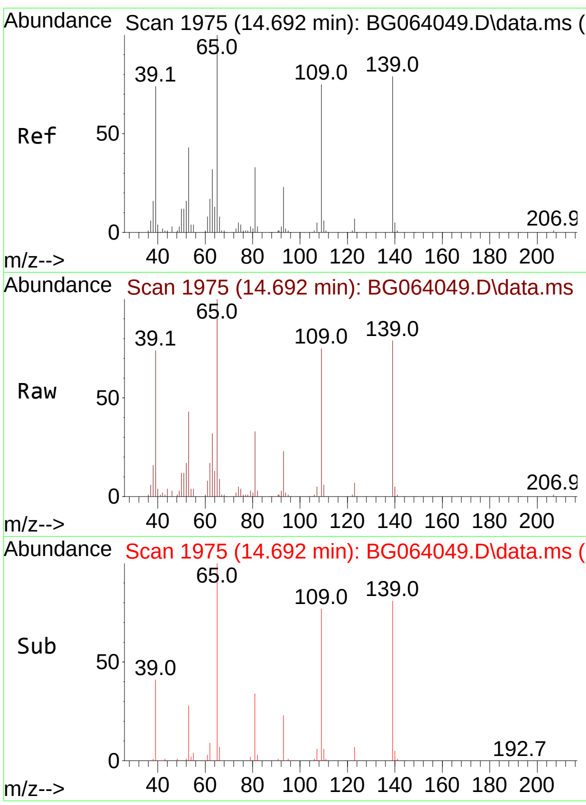


#55
Dibenzofuran
Concen: 40.970 ng
RT: 14.886 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:168 Resp: 44025

Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.1	46.7
169	13.1	10.5	15.7

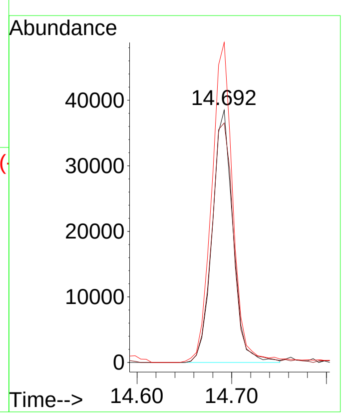




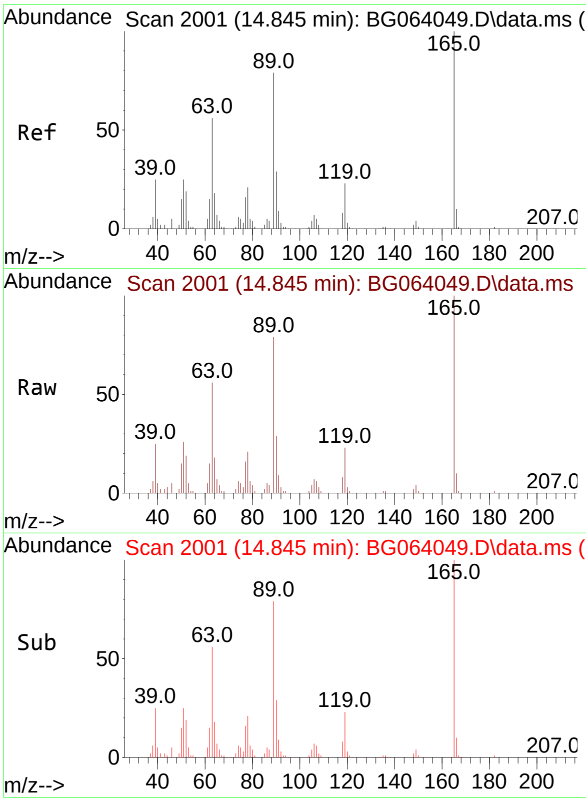
#56
4-Nitrophenol
Concen: 42.977 ng
RT: 14.692 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:139 Resp: 58316

Ion	Ratio	Lower	Upper
139	100		
109	94.9	74.9	114.9
65	126.8	106.8	146.8



ICAL Form



#57
2,4-Dinitrotoluene
Concen: 39.789 ng
RT: 14.845 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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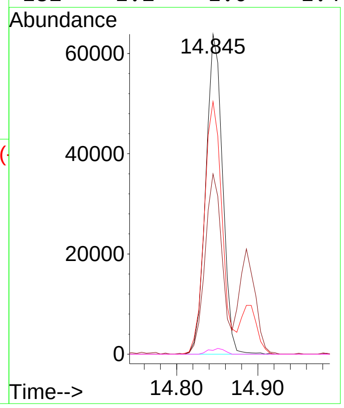
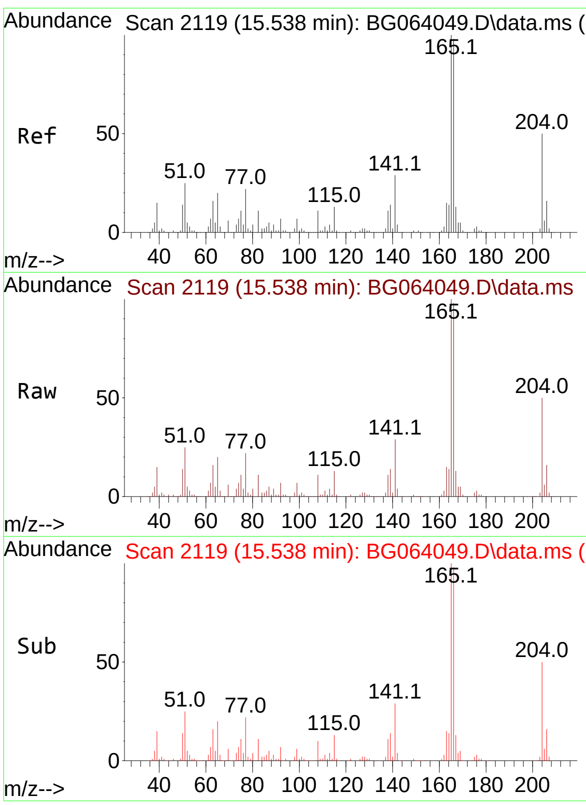
Tgt Ion:165 Resp: 9165

Ion	Ratio	Lower	Upper
165	100		
63	56.3	45.0	67.6
89	78.9	63.1	94.7
182	1.2	1.0	1.4

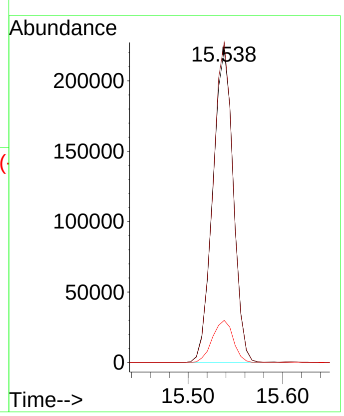


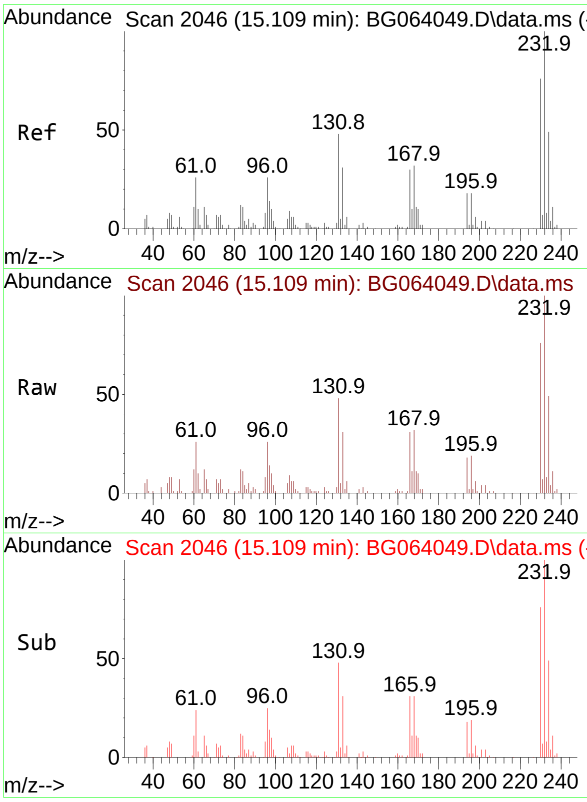


#58
Fluorene
Concen: 40.055 ng
RT: 15.538 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:166 Resp: 335238

Ion	Ratio	Lower	Upper
166	100		
165	102.3	81.8	122.8
167	13.5	10.8	16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.345 ng
RT: 15.109 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 8959

Ion	Ratio	Lower	Upper
232	100		
131	45.4	36.3	54.5
130	2.4	1.9	2.9
166	28.5	22.8	34.2

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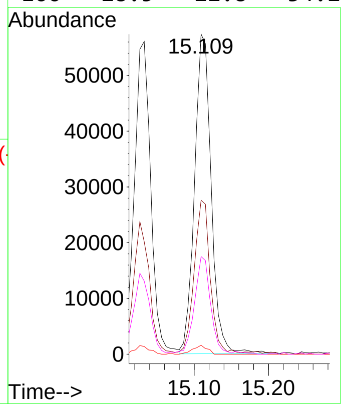
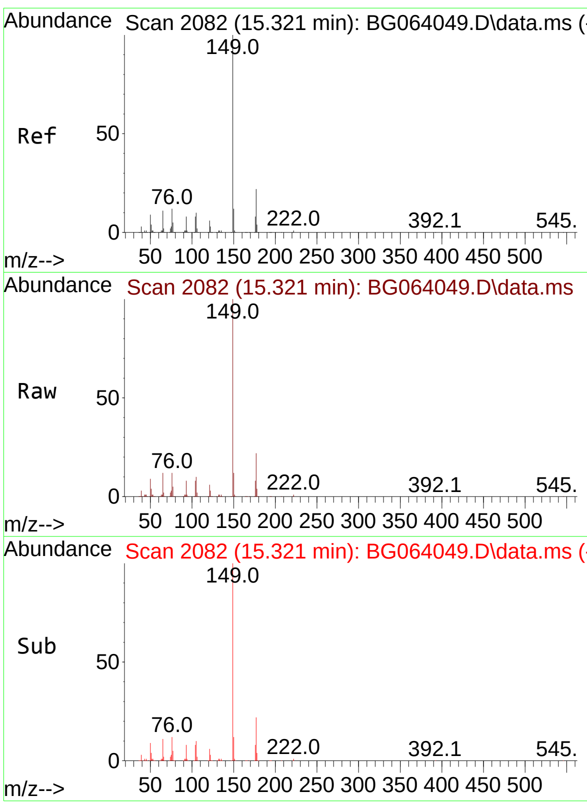
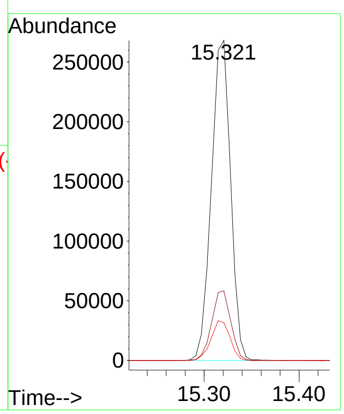




#60
Diethylphthalate
Concen: 41.645 ng
RT: 15.321 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:149 Resp: 378464

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	11.8	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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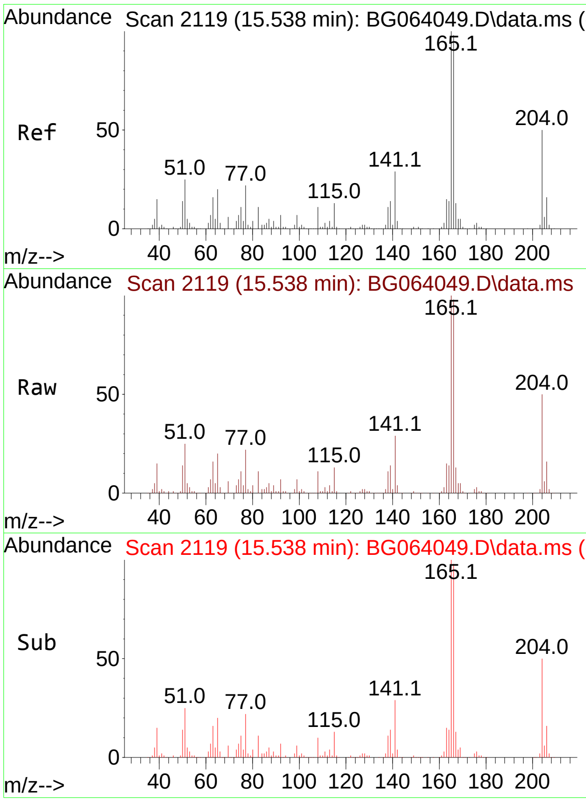
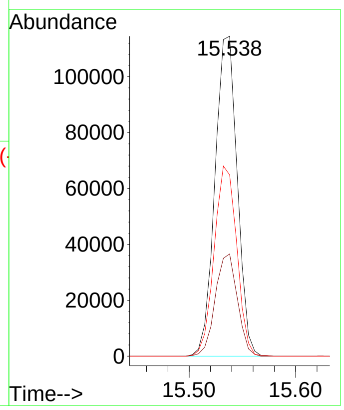
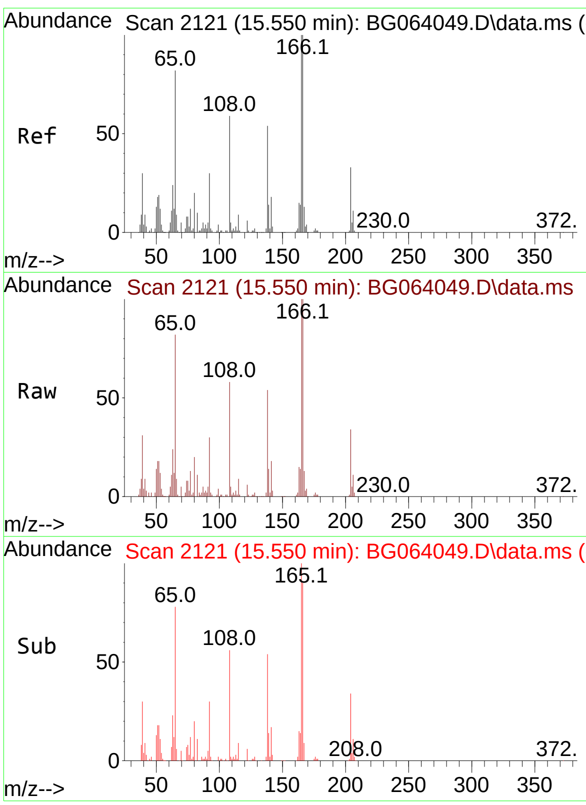


#61
4-Chlorophenyl-phenylether
Concen: 40.061 ng
RT: 15.538 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:204 Resp: 16661

Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.5	38.3
141	56.7	45.4	68.0

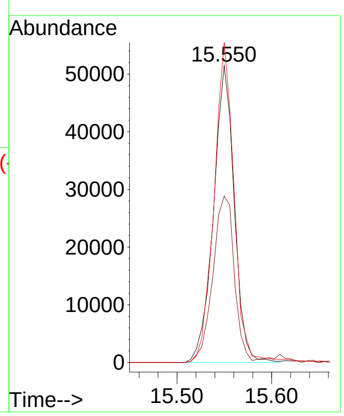




#62
4-Nitroaniline
Concen: 44.838 ng
RT: 15.550 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:138 Resp: 78323

Ion	Ratio	Lower	Upper
138	100		
92	56.1	36.1	76.1
108	107.9	87.9	127.9



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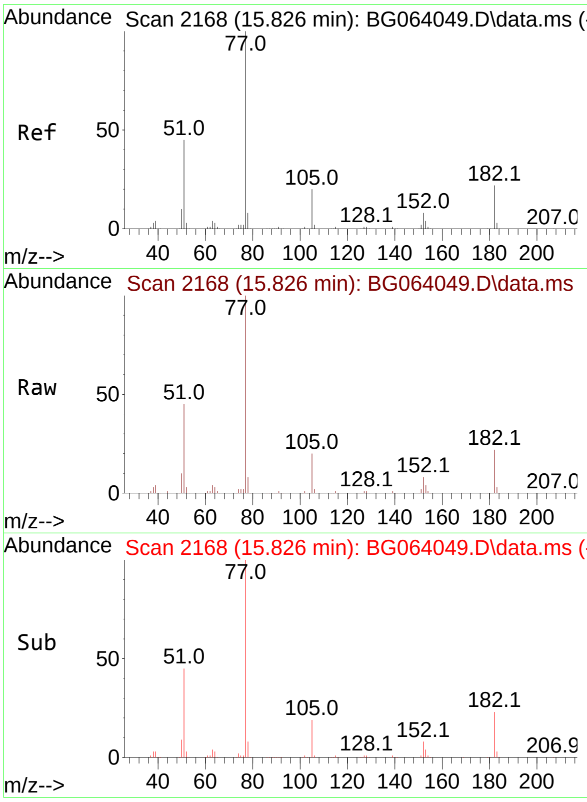

#63
Azobenzene
Concen: 41.125 ng
RT: 15.826 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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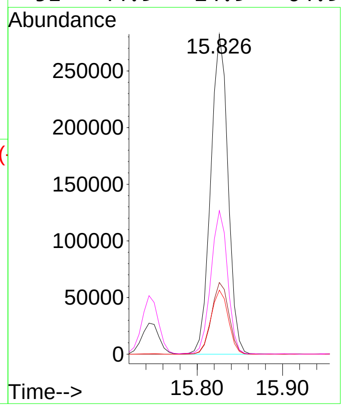
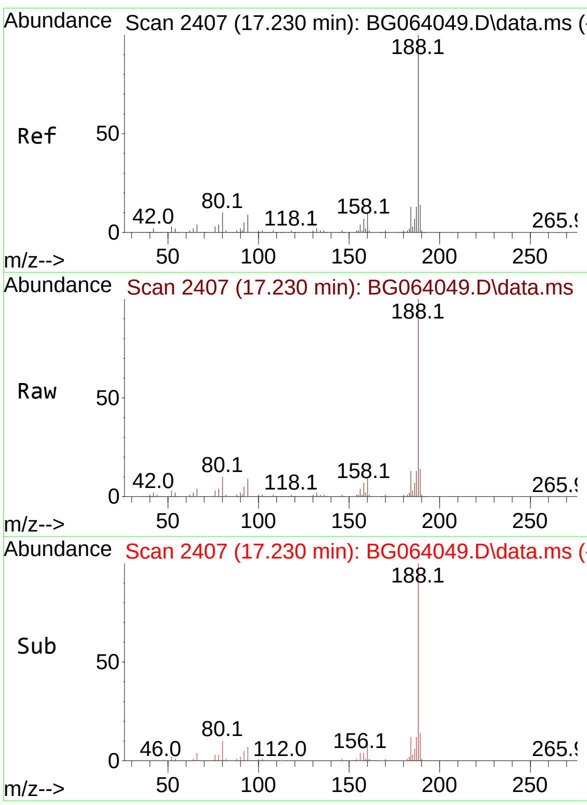
Tgt Ion: 77 Resp: 39881

Ion	Ratio	Lower	Upper
77	100		
182	22.4	2.4	42.4
105	20.0	0.0	40.0
51	44.9	24.9	64.9

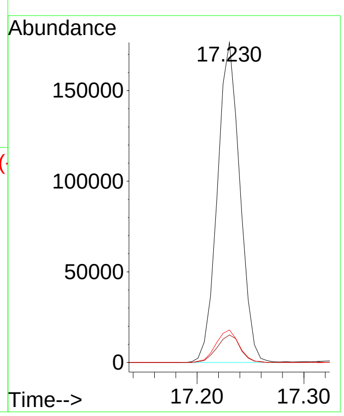




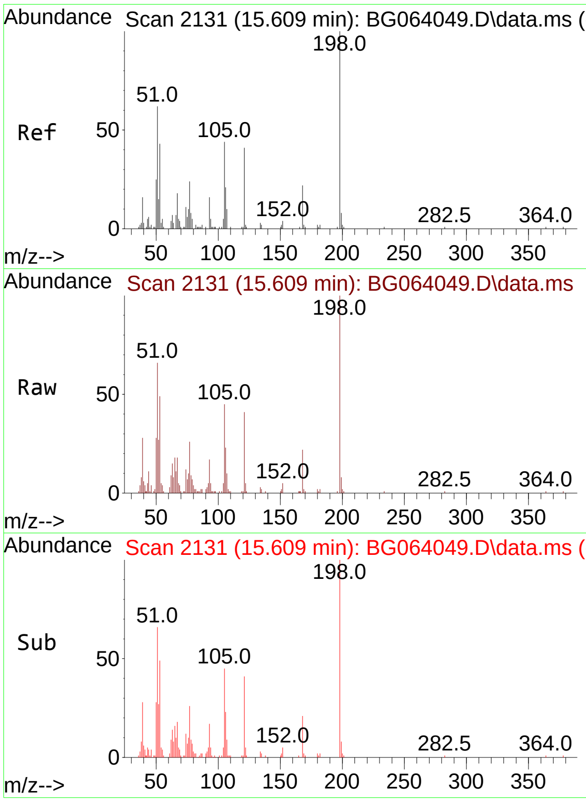
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.230 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:188 Resp: 259291

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	10.1	8.1	12.1



ICAL Form




```
#65
4,6-Dinitro-2-methylphenol
Concen:   36.802 ng
RT:  15.609 min  Scan# 21
Delta R.T.  -0.000 min
Lab File:   BG064049.D
Acq:  5 Mar 2025  11:43

Tgt Ion:198 Resp:   3864
Ion  Ratio  Lower  Upper
198  100
 51   65.6   45.6   85.6
105   45.3   25.3   65.3
```

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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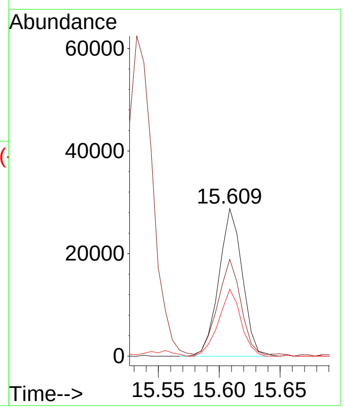
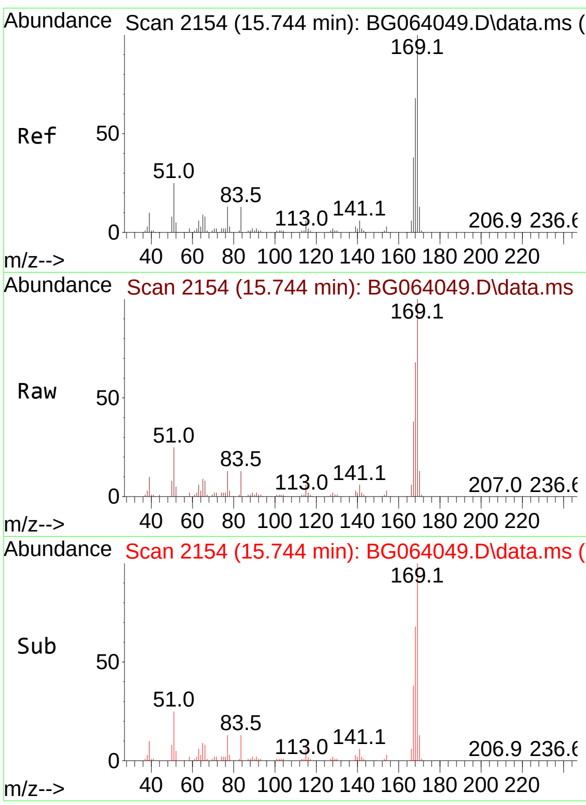
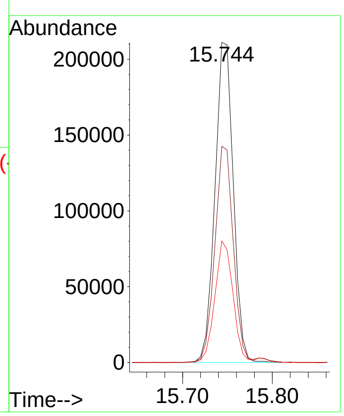
Supervised By :mohammad ahmed 03/07/2025






```
#66
n-Nitrosodiphenylamine
Concen:   40.872 ng
RT:  15.744 min  Scan# 2154
Delta R.T.  0.000 min
Lab File:   BG064049.D
Acq:  5 Mar 2025  11:43

Tgt Ion:169 Resp:   299980
Ion  Ratio  Lower  Upper
169  100
168   67.6   54.1   81.1
167   37.9   30.3   45.5
```



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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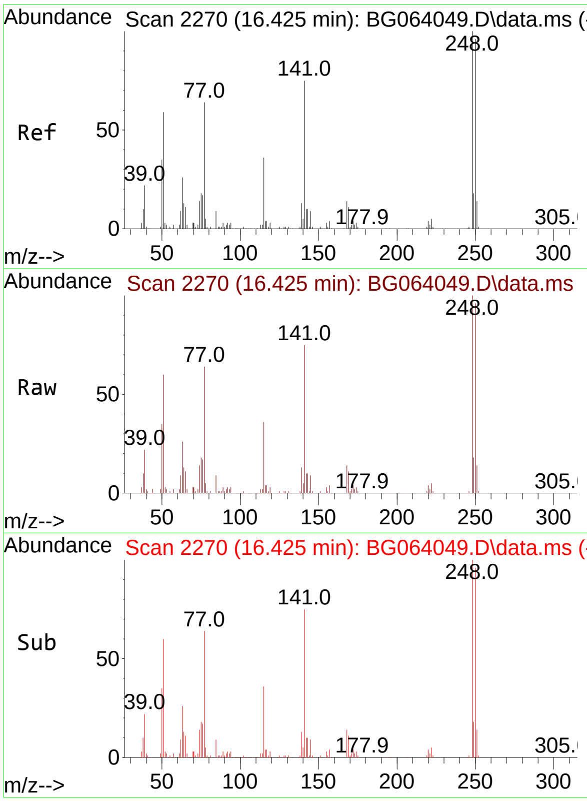
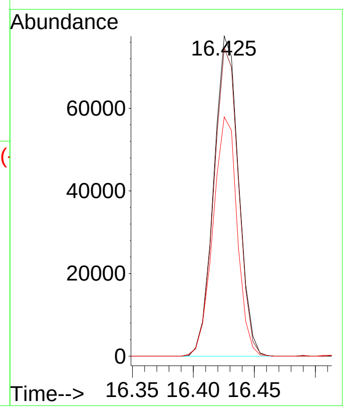
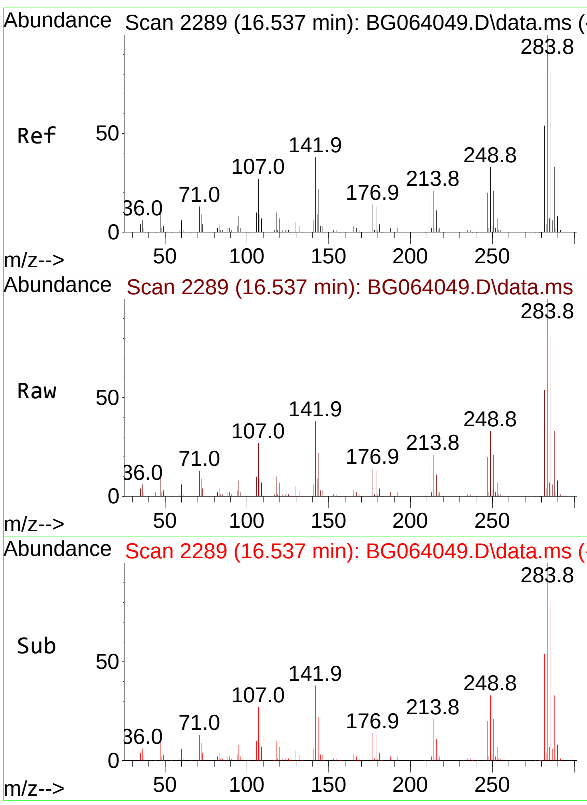


#67
4-Bromophenyl-phenylether
Concen: 41.081 ng
RT: 16.425 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:248 Resp: 109095

Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.1	115.7
141	74.8	59.8	89.8

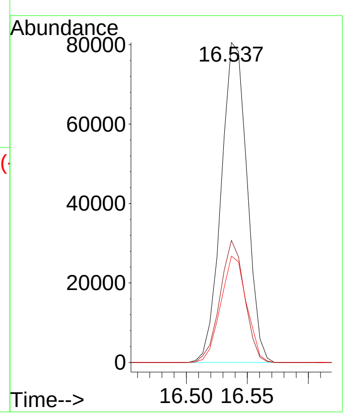


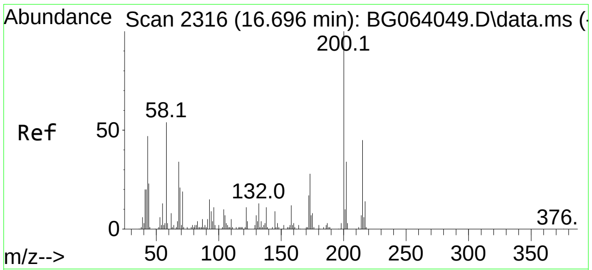


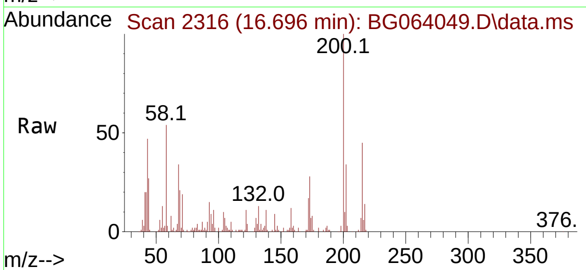
#68
Hexachlorobenzene
Concen: 39.954 ng
RT: 16.537 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

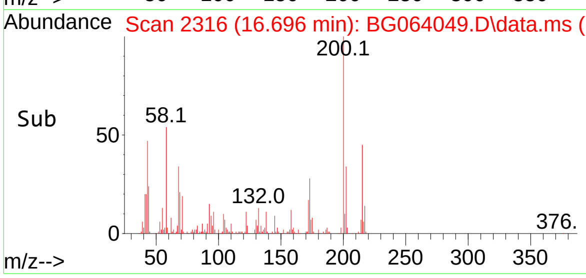
Tgt Ion:284 Resp: 118787

Ion	Ratio	Lower	Upper
284	100		
142	38.2	30.6	45.8
249	33.2	26.6	39.8









#69
Atrazine
Concen: 38.309 ng
RT: 16.696 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 8272

Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.2	48.2
215	45.5	25.5	65.5

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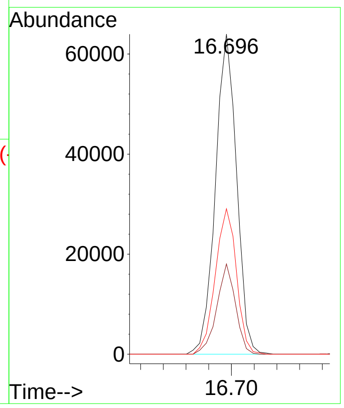
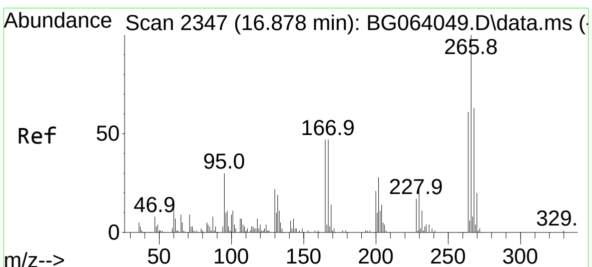
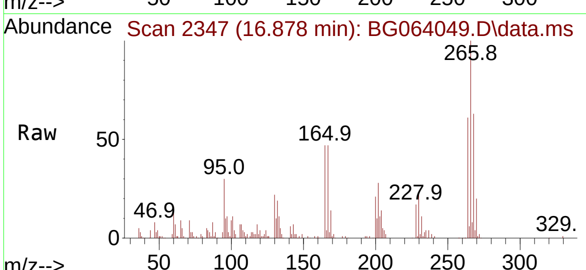
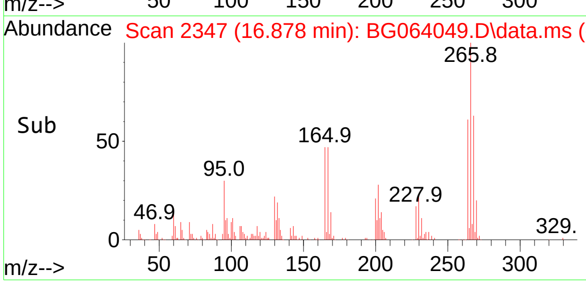




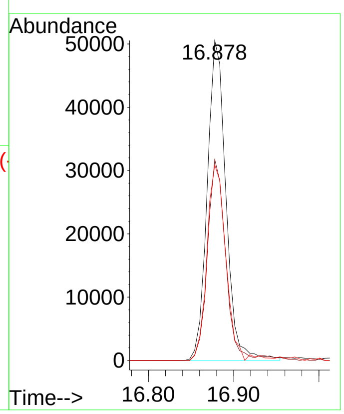




#70
Pentachlorophenol
Concen: 41.856 ng
RT: 16.878 min Scan# 2347
Delta R.T. -0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:266 Resp: 77264

Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.2	75.4
264	61.1	48.9	73.3



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Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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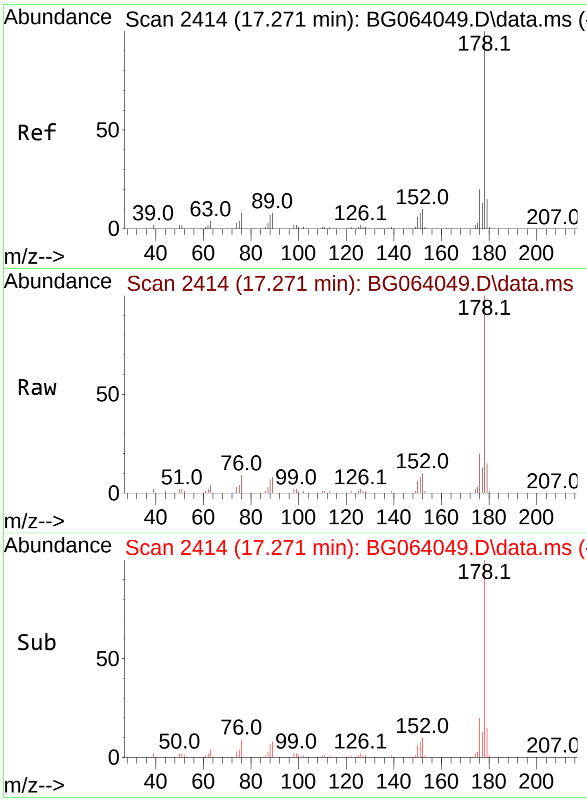
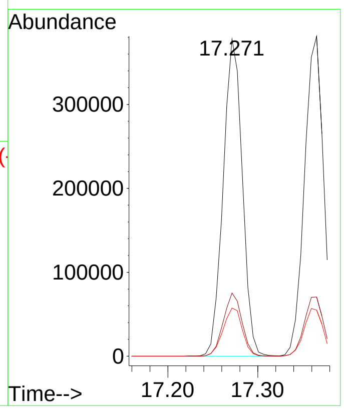
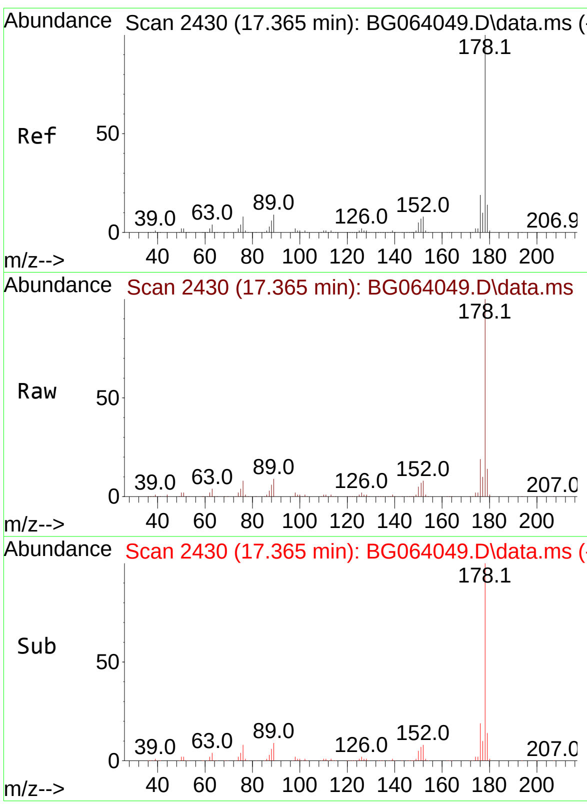


#71
Phenanthrene
Concen: 40.505 ng
RT: 17.271 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:178 Resp: 56018

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.2	12.2	18.2

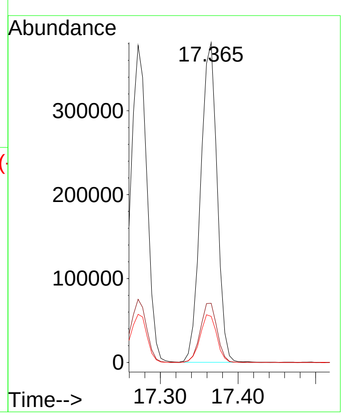


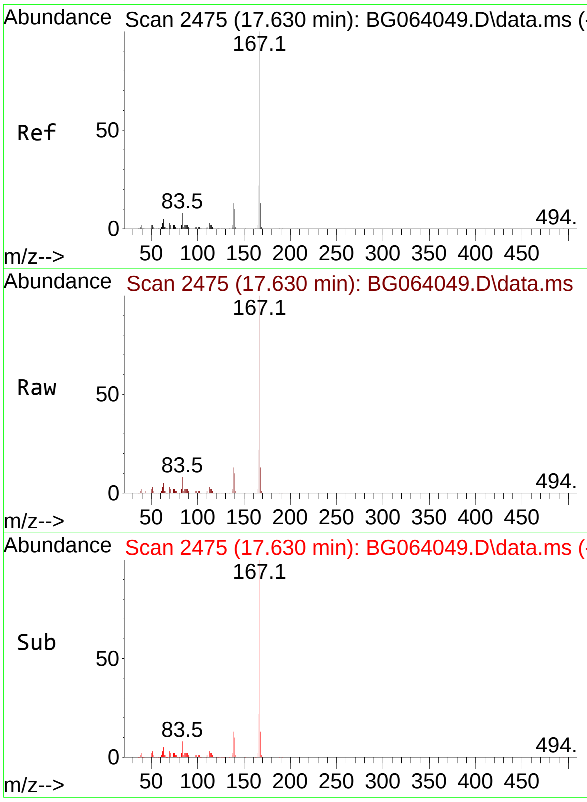


#72
Anthracene
Concen: 40.932 ng
RT: 17.365 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:178 Resp: 562891

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	14.4	11.5	17.3





#73
Carbazole
Concen: 41.470 ng
RT: 17.630 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 53246

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	13.2	10.6	15.8

Manual Integrations
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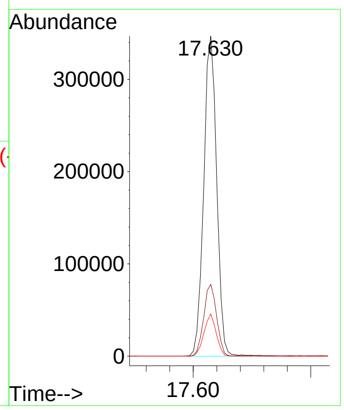
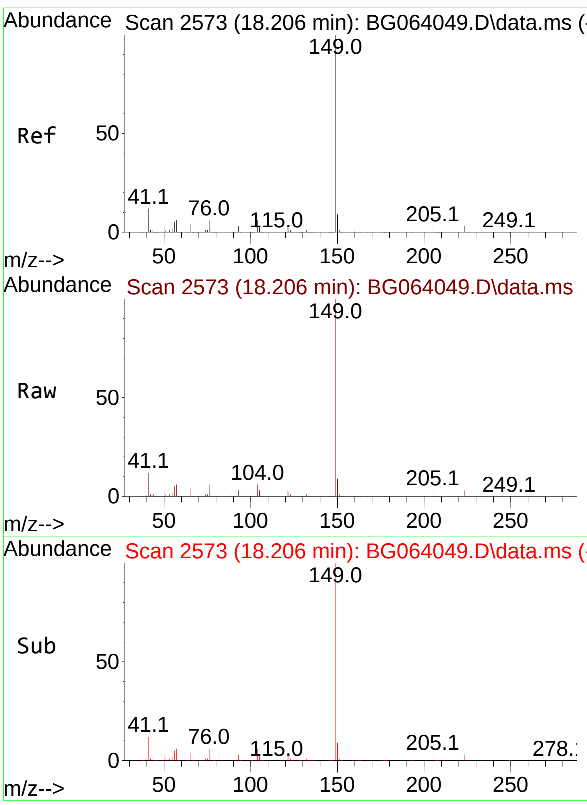
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

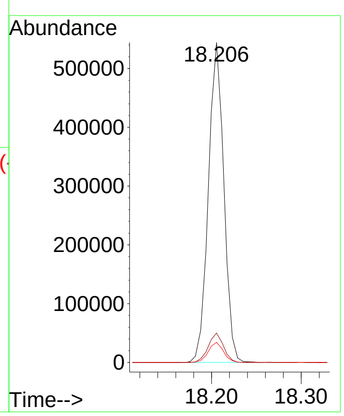




#74
Di-n-butylphthalate
Concen: 43.141 ng
RT: 18.206 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

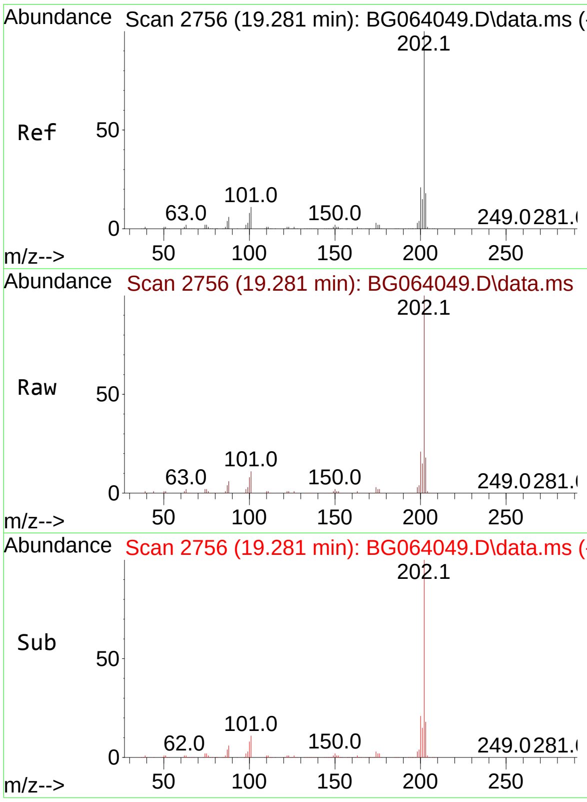
Tgt Ion:149 Resp: 652013

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	6.3	5.0	7.6



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

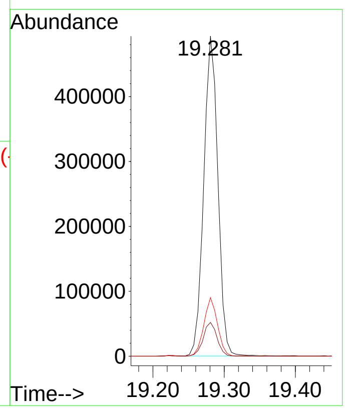
Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

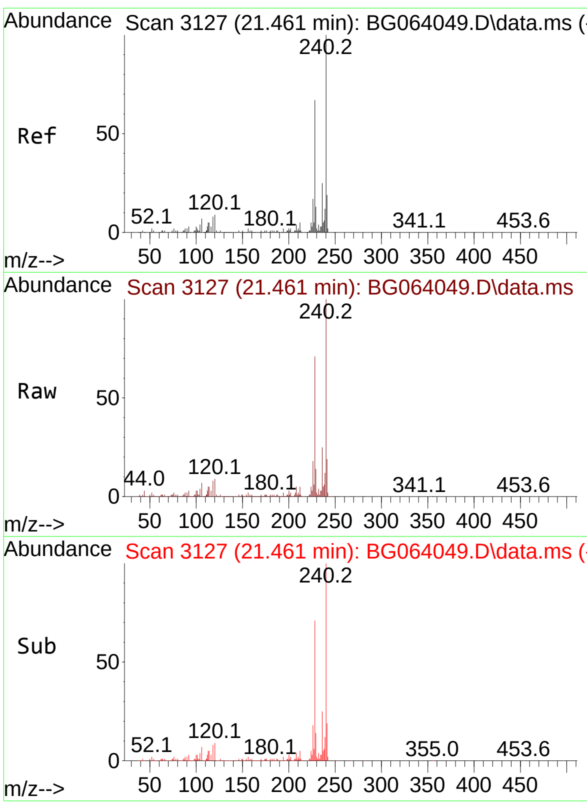


#75
Fluoranthene
Concen: 41.004 ng
RT: 19.281 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:202 Resp: 68366

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.5
203	18.3	0.0	38.3

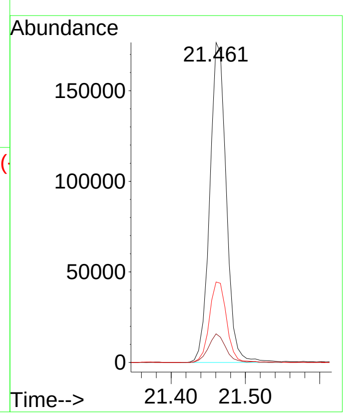


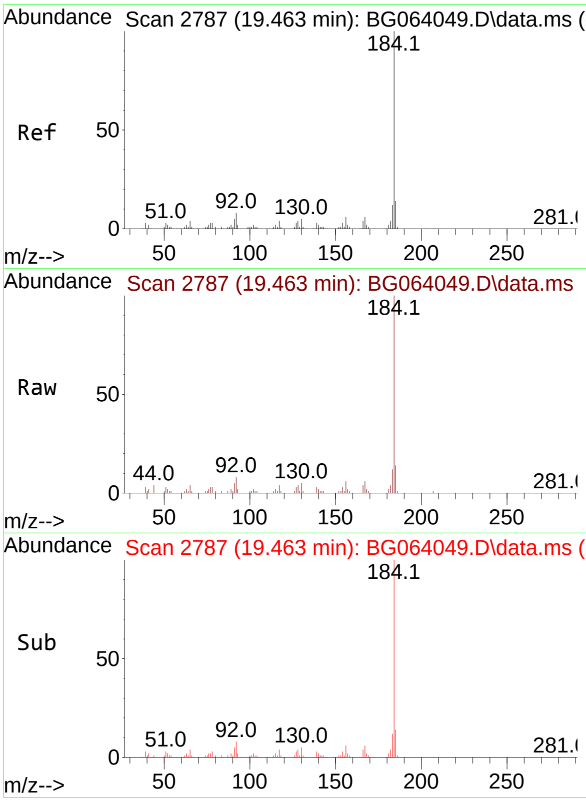


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.461 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:240 Resp: 272676

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.2	10.8
236	25.2	20.2	30.2





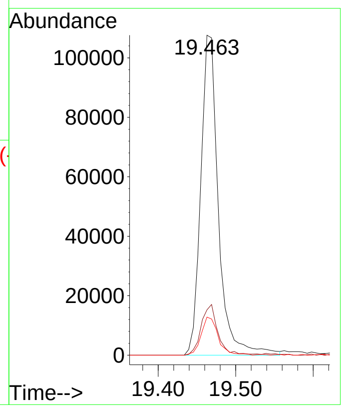
#77
Benzidine
Concen: 44.641 ng
RT: 19.463 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

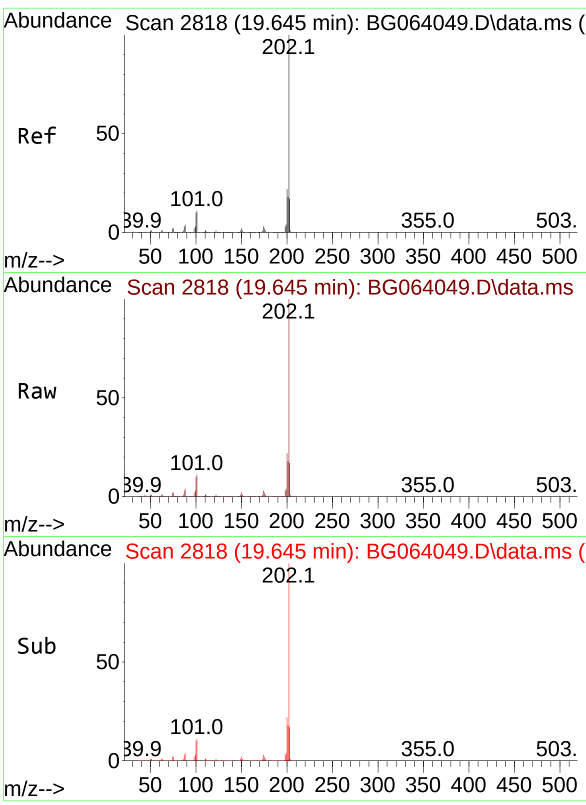
Tgt Ion:184 Resp: 17088

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	11.9	9.5	14.3

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

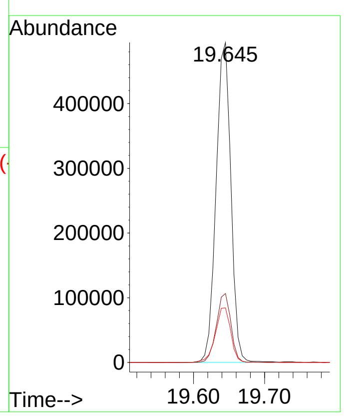




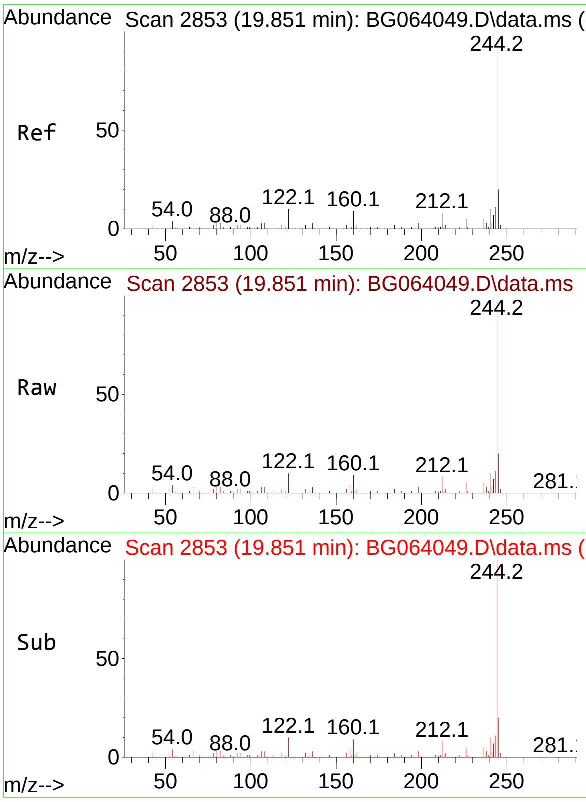
#78
Pyrene
Concen: 40.653 ng
RT: 19.645 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:202 Resp: 714571

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.3	25.9
203	17.0	13.6	20.4



ICAL Form



#79
Terphenyl-d14
Concen: 80.801 ng
RT: 19.851 min Scan# 28
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

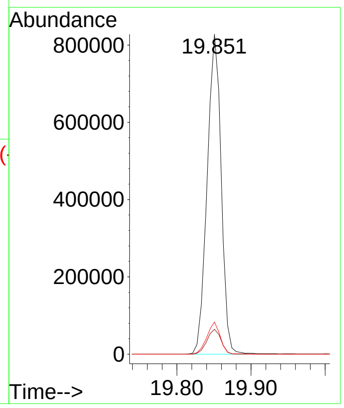
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

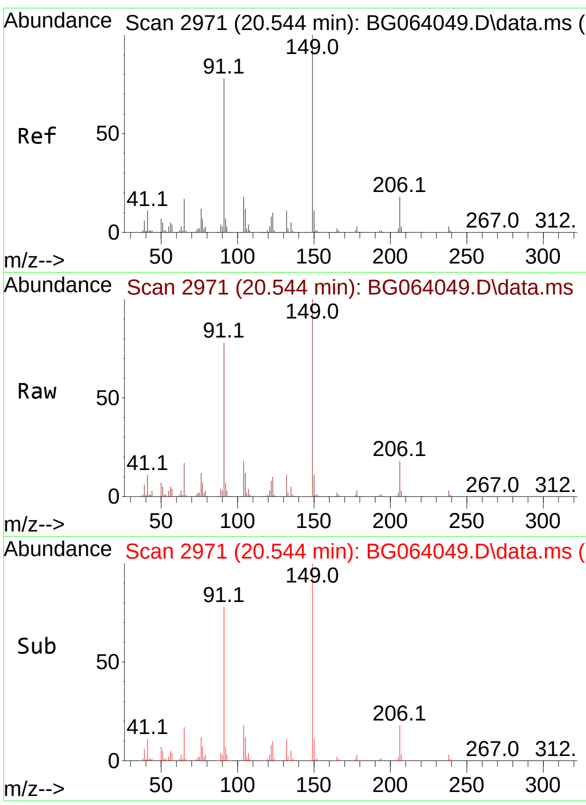
Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Tgt Ion:244 Resp: 108964

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	10.0	8.0	12.0

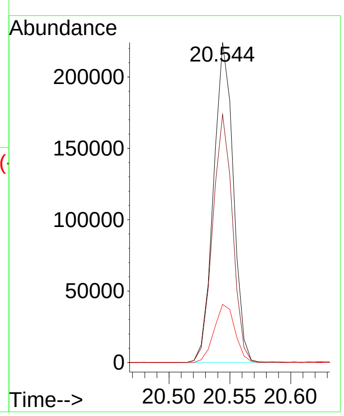




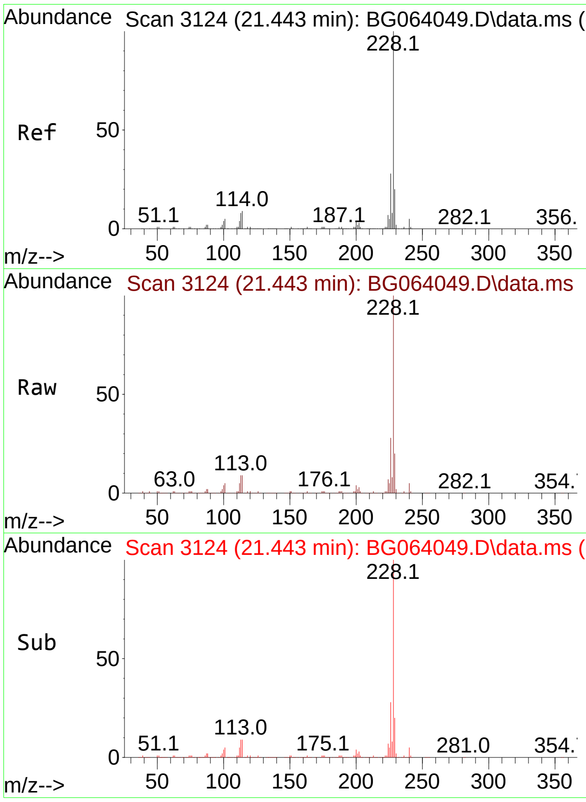
#80
Butylbenzylphthalate
Concen: 39.178 ng
RT: 20.544 min Scan# 2971
Delta R.T. -0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:149 Resp: 253637

Ion	Ratio	Lower	Upper
149	100		
91	77.5	62.0	93.0
206	18.2	14.6	21.8



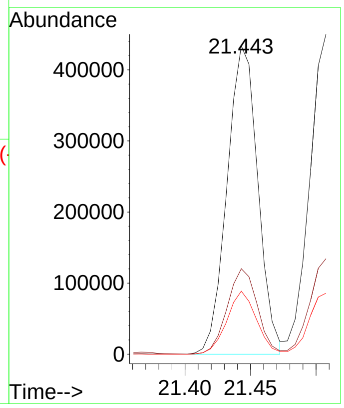
ICAL Form



#81
Benzo(a)anthracene
Concen: 40.681 ng
RT: 21.443 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:228 Resp: 71057

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.5	16.4	24.6



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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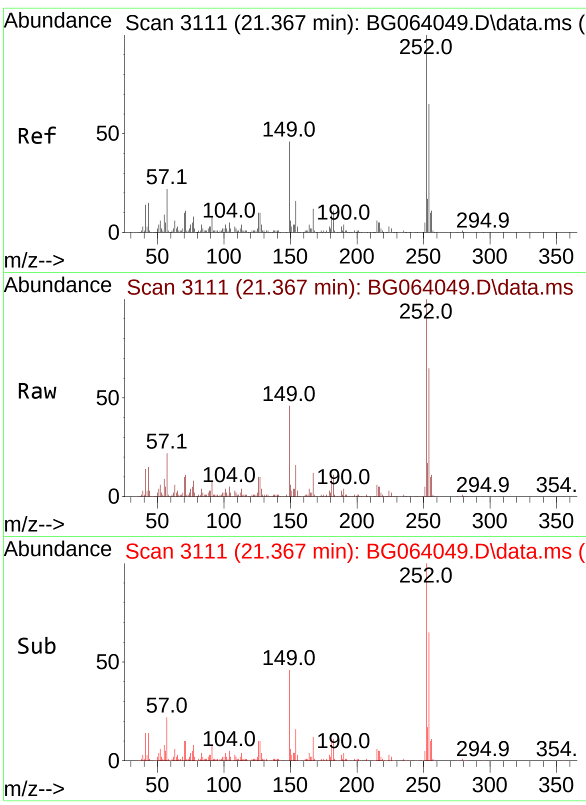
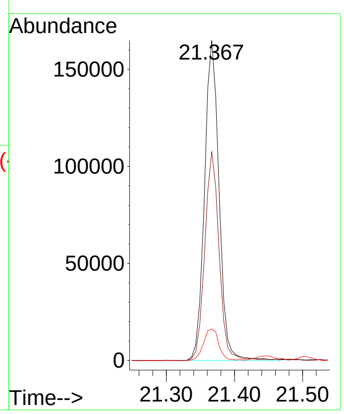


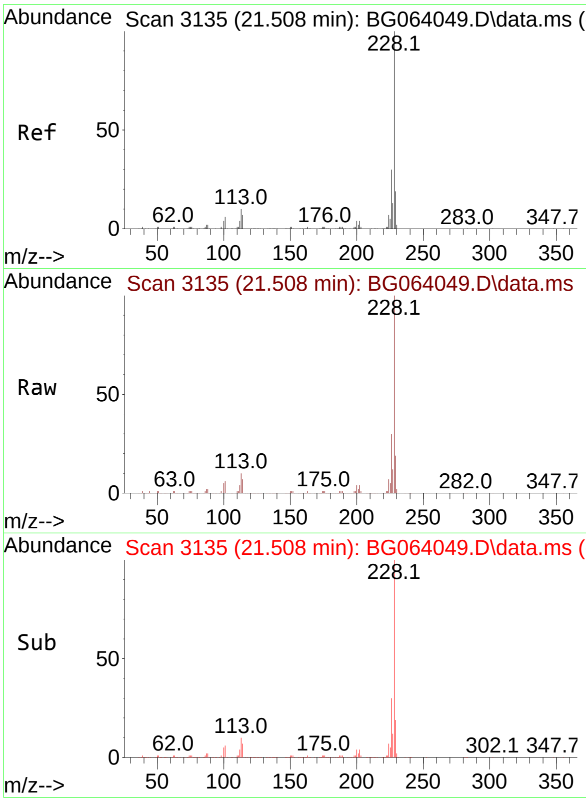
#82
3,3'-Dichlorobenzidine
Concen: 43.385 ng
RT: 21.367 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:252 Resp: 245252

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	9.8	7.8	11.8



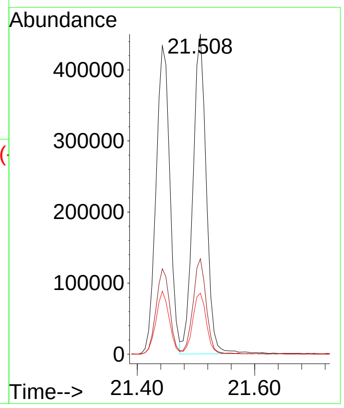
ICAL Form



#83
Chrysene
Concen: 40.888 ng
RT: 21.508 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:228 Resp: 71231(

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.1	15.3	22.9



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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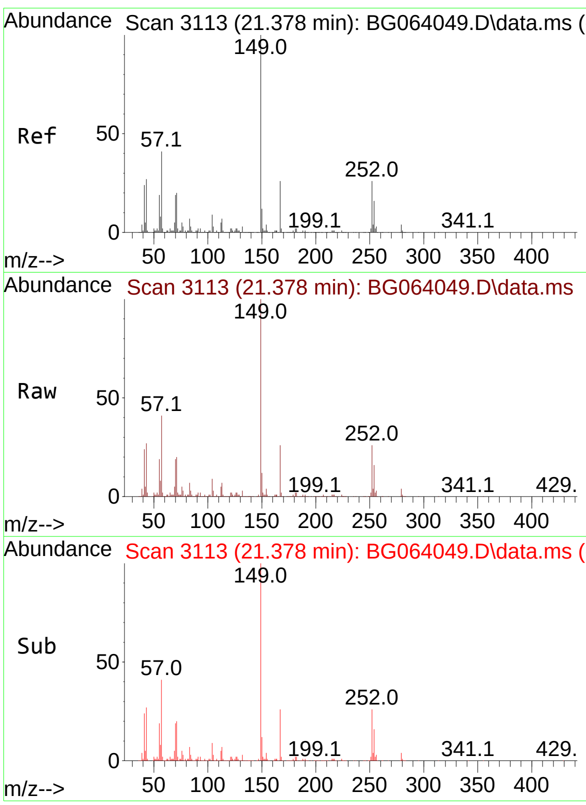
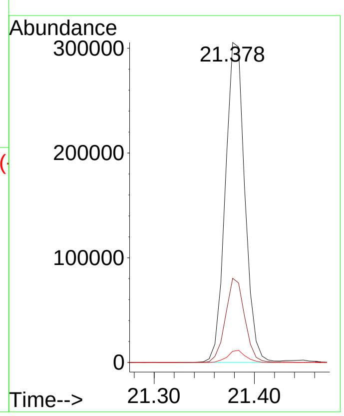


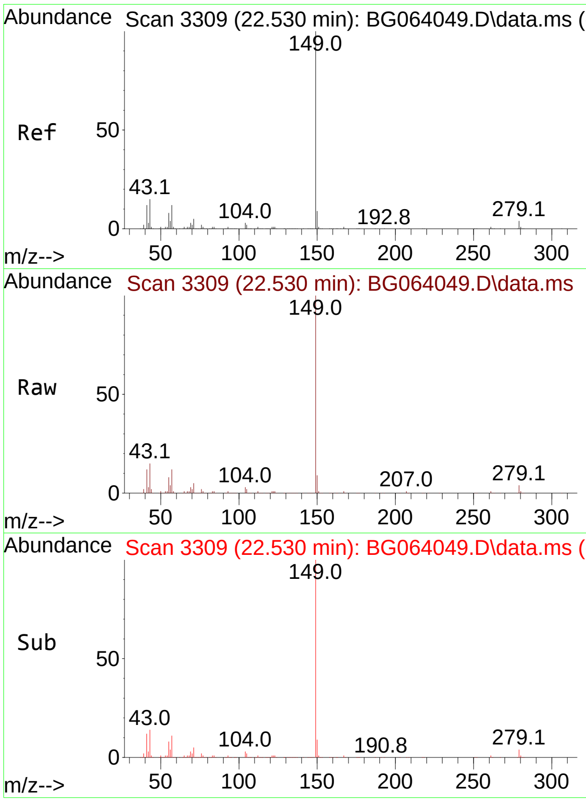
#84
Bis(2-ethylhexyl)phthalate
Concen: 43.709 ng
RT: 21.378 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:149 Resp: 412893

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.6
279	3.5	2.8	4.2



ICAL Form



#85
Di-n-octyl phthalate
Concen: 41.459 ng
RT: 22.530 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

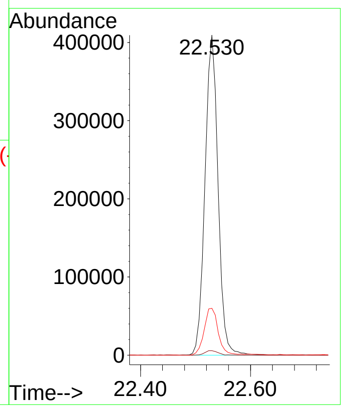
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

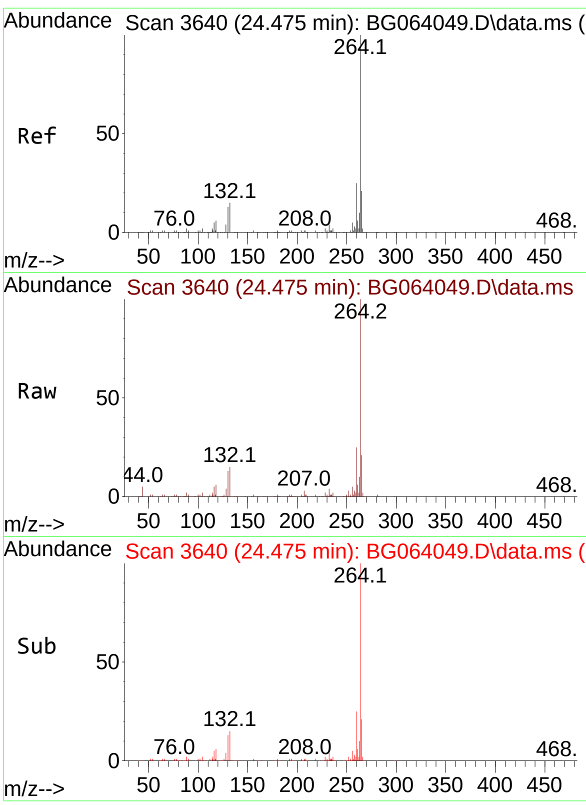
Tgt Ion:149 Resp: 67551

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	15.8	12.6	19.0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

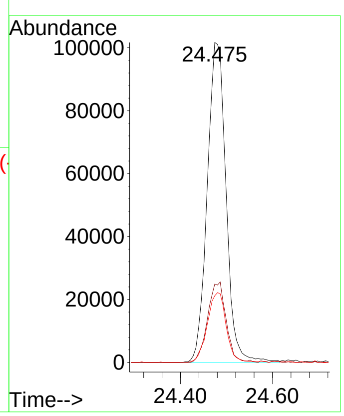




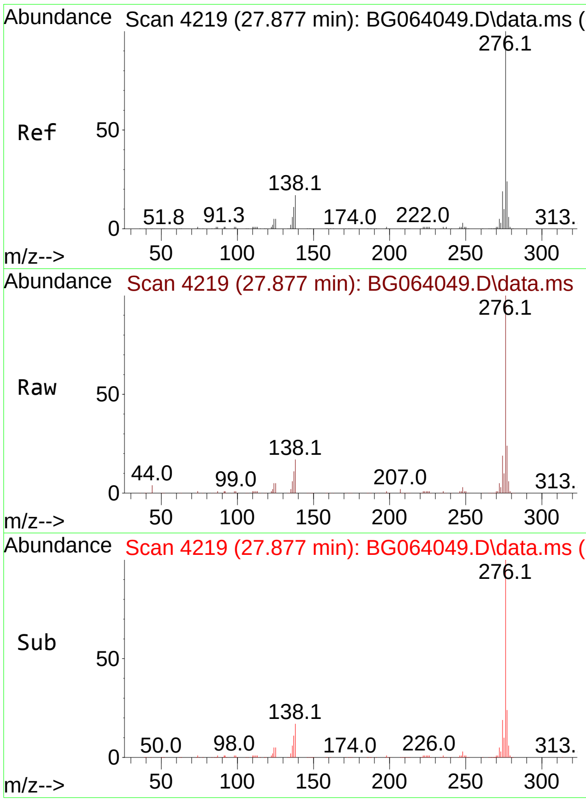
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.475 min Scan# 3640
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:264 Resp: 289801

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	20.8	16.6	25.0



ICAL Form



#87
Indeno(1,2,3-cd)pyrene
Concen: 41.124 ng
RT: 27.877 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 79738

Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.1	18.1
277	25.0	20.0	30.0

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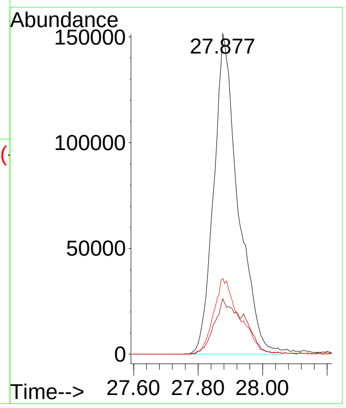
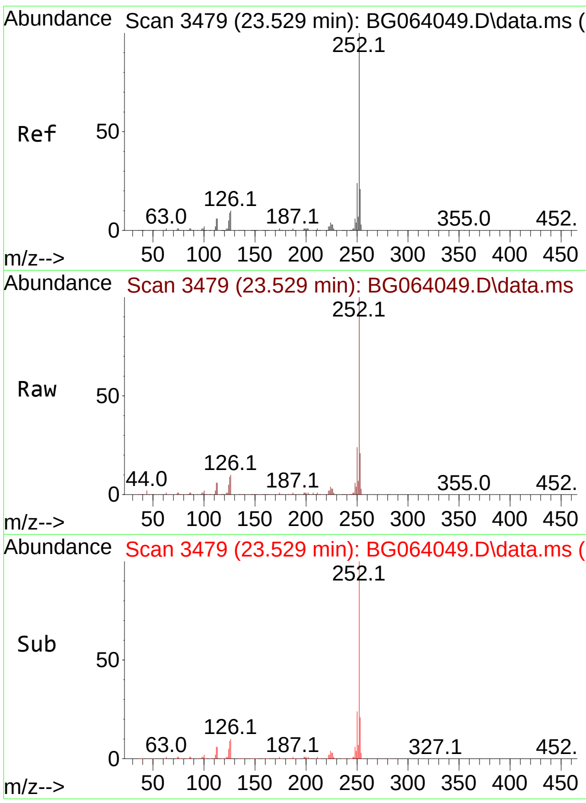
Supervised By :mohammad ahmed 03/07/2025

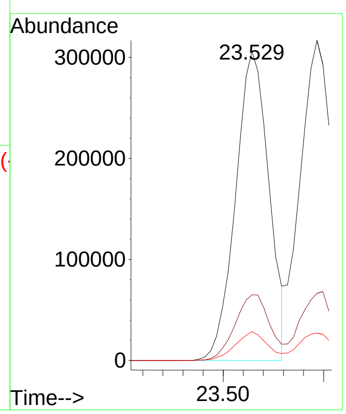




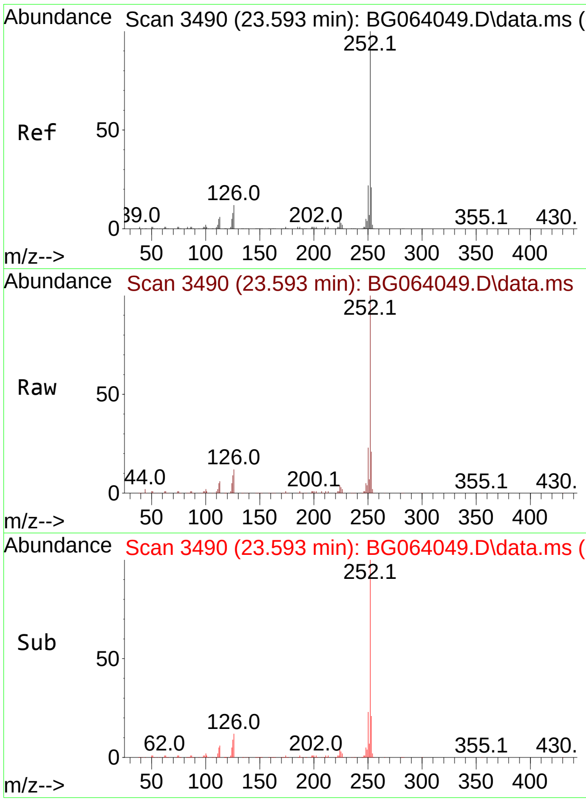
#88
Benzo(b)fluoranthene
Concen: 40.217 ng
RT: 23.529 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:252 Resp: 704588

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	9.3	7.4	11.2



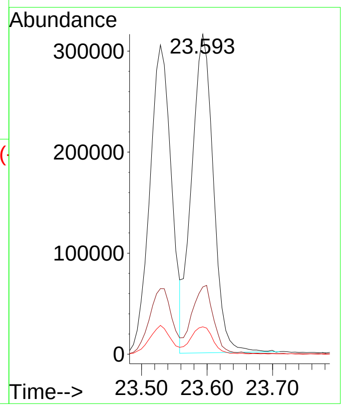
ICAL Form



#89
Benzo(k)fluoranthene
Concen: 41.391 ng
RT: 23.593 min Scan# 34
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:252 Resp: 72746

Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.8	25.2
125	8.6	6.9	10.3



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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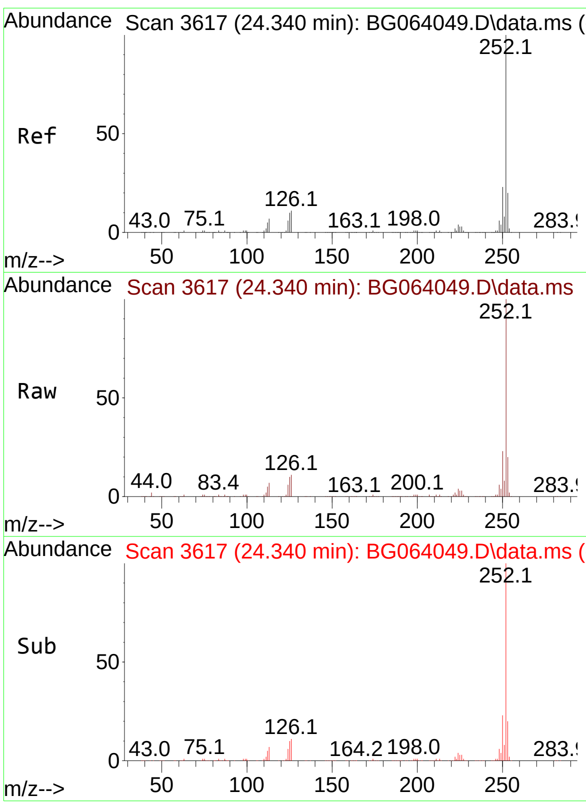
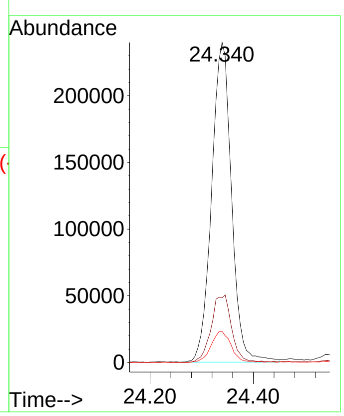


#90
Benzo(a)pyrene
Concen: 41.134 ng
RT: 24.340 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:252 Resp: 641802

Ion	Ratio	Lower	Upper
252	100		
253	20.2	16.2	24.2
125	9.7	7.8	11.6



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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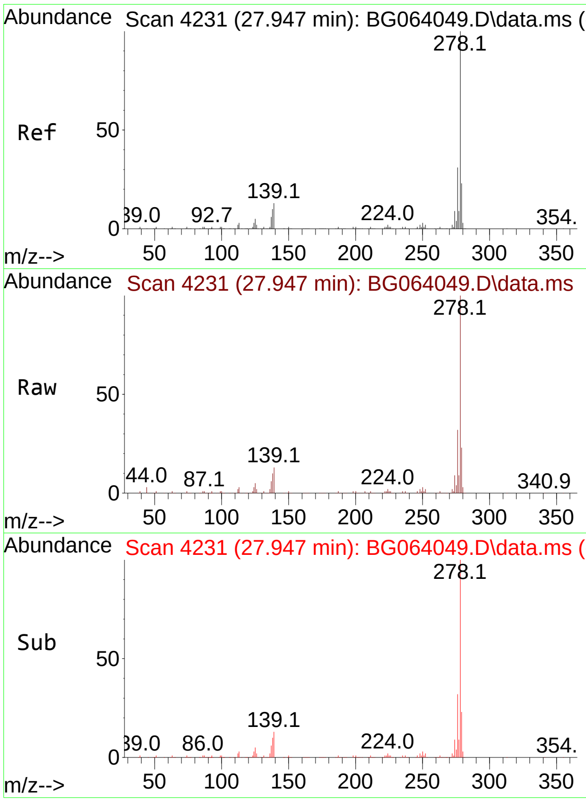
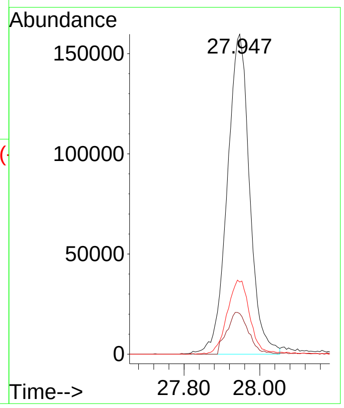
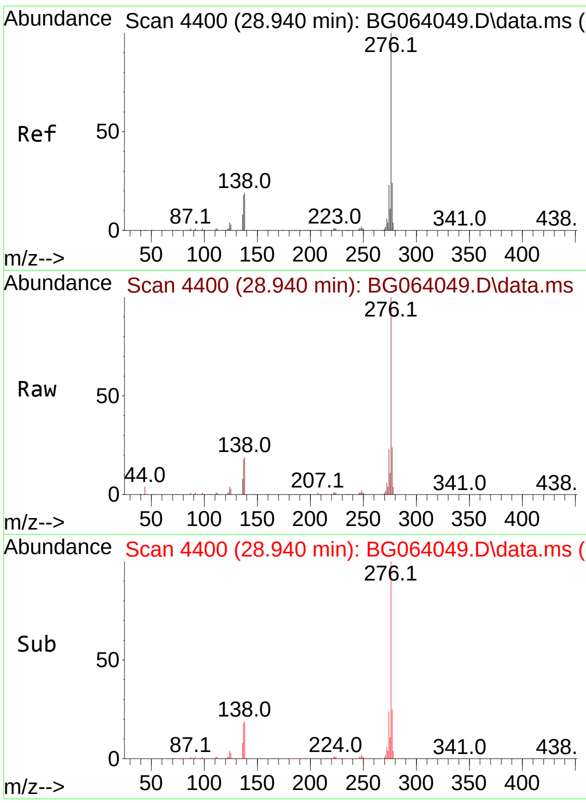


#91
Dibenzo(a,h)anthracene
Concen: 40.836 ng
RT: 27.947 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:278 Resp: 65643

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.2	15.2
279	22.6	18.1	27.1

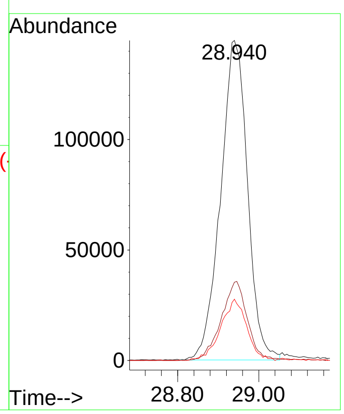




#92
Benzo(g,h,i)perylene
Concen: 40.469 ng
RT: 28.940 min Scan# 4400
Delta R.T. 0.000 min
Lab File: BG064049.D
Acq: 5 Mar 2025 11:43

Tgt Ion:276 Resp: 667911

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	19.2	15.4	23.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064050.D
Acq On : 5 Mar 2025 12:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	38040	20.000	ng	0.00
21) Naphthalene-d8	10.656	136	162322	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	110522	20.000	ng	0.00
64) Phenanthrene-d10	17.231	188	254221	20.000	ng	0.00
76) Chrysene-d12	21.467	240	272579	20.000	ng	0.00
86) Perylene-d12	24.475	264	286555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	239407	98.271	ng	0.00
7) Phenol-d6	7.031	99	323841	97.714	ng	0.00
23) Nitrobenzene-d5	9.017	82	316407	107.720	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	133386	108.574	ng	0.00
45) 2-Fluorobiphenyl	13.118	172	708865	97.354	ng	0.00
79) Terphenyl-d14	19.851	244	1286263	95.415	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	53145	48.134	ng	98
3) Pyridine	3.764	79	127257	47.393	ng	97
4) n-Nitrosodimethylamine	3.682	42	94714	49.369	ng	93
6) Aniline	7.196	93	156110	48.003	ng	99
8) 2-Chlorophenol	7.431	128	126814	48.467	ng	100
9) Benzaldehyde	7.008	77	81796	42.223	ng	95
10) Phenol	7.060	94	166630	49.107	ng	97
11) bis(2-Chloroethyl)ether	7.290	93	125734	47.264	ng	99
12) 1,3-Dichlorobenzene	7.760	146	136763	47.598	ng	95
13) 1,4-Dichlorobenzene	7.901	146	140578	47.733	ng	98
14) 1,2-Dichlorobenzene	8.218	146	134631	47.407	ng	96
15) Benzyl Alcohol	8.100	79	129182	50.441	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.394	45	284947	47.637	ng	100
17) 2-Methylphenol	8.300	107	111405	49.469	ng	97
18) Hexachloroethane	8.947	117	50035	48.558	ng	91
19) n-Nitroso-di-n-propyla...	8.670	70	113111	48.631	ng	98
20) 3+4-Methylphenols	8.629	107	153346	49.461	ng	97
22) Acetophenone	8.682	105	221424	49.752	ng	99
24) Nitrobenzene	9.058	77	160553	52.890	ng	96
25) Isophorone	9.581	82	290768	49.457	ng	97
26) 2-Nitrophenol	9.769	139	52718	49.791	ng	100
27) 2,4-Dimethylphenol	9.828	122	89845	50.976	ng	97
28) bis(2-Chloroethoxy)met...	10.069	93	173244	48.604	ng	96
29) 2,4-Dichlorophenol	10.298	162	117642	52.861	ng	96
30) 1,2,4-Trichlorobenzene	10.521	180	136213	50.701	ng	93
31) Naphthalene	10.703	128	430679	49.204	ng	98
32) Benzoic acid	9.975	122	77326m	47.851	ng	
33) 4-Chloroaniline	10.809	127	159874	49.975	ng	99
34) Hexachlorobutadiene	10.997	225	87623	49.759	ng	96
35) Caprolactam	11.579	113	45779	53.678	ng	92
36) 4-Chloro-3-methylphenol	11.931	107	151419	51.905	ng	97
37) 2-Methylnaphthalene	12.313	142	302745	48.994	ng	96
38) 1-Methylnaphthalene	12.531	142	293710	48.517	ng	99
40) 1,2,4,5-Tetrachloroben...	12.677	216	154824	49.068	ng	97
41) Hexachlorocyclopentadiene	12.666	237	48218	54.295	ng	98
43) 2,4,6-Trichlorophenol	12.918	196	100024	53.786	ng	92

Quantitation Report (QT Reviewed)

ICAL Form

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064050.D
Acq On    :  5 Mar 2025  12:23
Operator  : RC/JU
Sample    : SSTDICC050
Misc      :
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Mar 05 15:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration
```

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	109309	52.900	ng		99
46) 1,1'-Biphenyl	13.324	154	407499	48.802	ng		98
47) 2-Chloronaphthalene	13.365	162	304442	49.991	ng		97
48) 2-Nitroaniline	13.565	65	101610	49.852	ng		96
49) Acenaphthylene	14.211	152	479498	49.779	ng		100
50) Dimethylphthalate	13.952	163	404288	49.555	ng		100
51) 2,6-Dinitrotoluene	14.064	165	82929	49.957	ng		90
52) Acenaphthene	14.558	154	320276m	49.442	ng		
53) 3-Nitroaniline	14.393	138	86456	54.830	ng		100
54) 2,4-Dinitrophenol	14.593	184	30713	48.003	ng		89
55) Dibenzofuran	14.887	168	511922	48.883	ng		99
56) 4-Nitrophenol	14.693	139	77342	58.485	ng		94
57) 2,4-Dinitrotoluene	14.851	165	115455	50.361	ng	#	95
58) Fluorene	15.539	166	401156	49.182	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	106306	52.772	ng		98
60) Diethylphthalate	15.321	149	448796	50.673	ng		98
61) 4-Chlorophenyl-phenyle...	15.533	204	196685	48.525	ng		93
62) 4-Nitroaniline	15.556	138	96864	56.899	ng		96
63) Azobenzene	15.827	77	469832	49.712	ng		99
65) 4,6-Dinitro-2-methylph...	15.609	198	52142	47.566	ng		92
66) n-Nitrosodiphenylamine	15.744	169	354329	49.240	ng		100
67) 4-Bromophenyl-phenylether	16.426	248	127329	48.903	ng		97
68) Hexachlorobenzene	16.538	284	144717	49.646	ng		97
69) Atrazine	16.696	200	81796	38.632	ng		96
70) Pentachlorophenol	16.878	266	95820	52.943	ng		98
71) Phenanthrene	17.272	178	669776	49.395	ng		99
72) Anthracene	17.360	178	670298	49.714	ng		98
73) Carbazole	17.630	167	640167	50.853	ng		99
74) Di-n-butylphthalate	18.206	149	785487	53.009	ng		100
75) Fluoranthene	19.281	202	824769	50.454	ng		99
77) Benzidine	19.464	184	133122	34.790	ng		99
78) Pyrene	19.646	202	854585	48.636	ng		99
80) Butylbenzylphthalate	20.545	149	322148	48.794	ng		98
81) Benzo(a)anthracene	21.449	228	868997	49.769	ng		96
82) 3,3'-Dichlorobenzidine	21.367	252	283543	50.177	ng		98
83) Chrysene	21.508	228	860924	49.437	ng		99
84) Bis(2-ethylhexyl)phtha...	21.385	149	511903	54.210	ng		100
85) Di-n-octyl phthalate	22.531	149	855727	52.538	ng		100
87) Indeno(1,2,3-cd)pyrene	27.883	276	970339	50.610	ng		98
88) Benzo(b)fluoranthene	23.535	252	882554	50.946	ng		98
89) Benzo(k)fluoranthene	23.600	252	863262	49.673	ng		97
90) Benzo(a)pyrene	24.346	252	792379	51.360	ng		98
91) Dibenzo(a,h)anthracene	27.948	278	812185	51.097	ng		99
92) Benzo(g,h,i)perylene	28.947	276	821282	50.325	ng		99

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

Quantitation Report (QT Reviewed)

ICAL Form

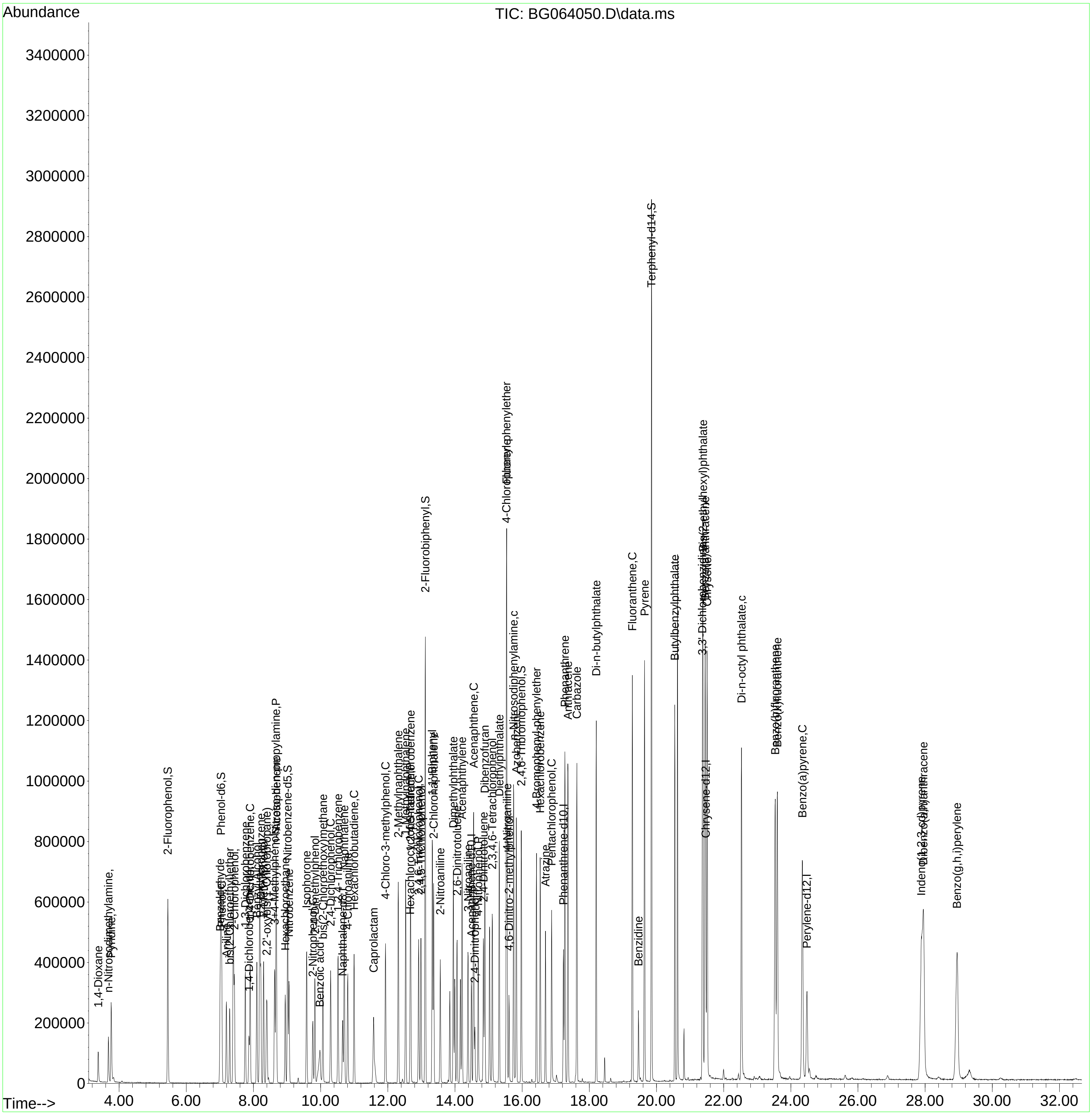
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064050.D
Acq On : 5 Mar 2025 12:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

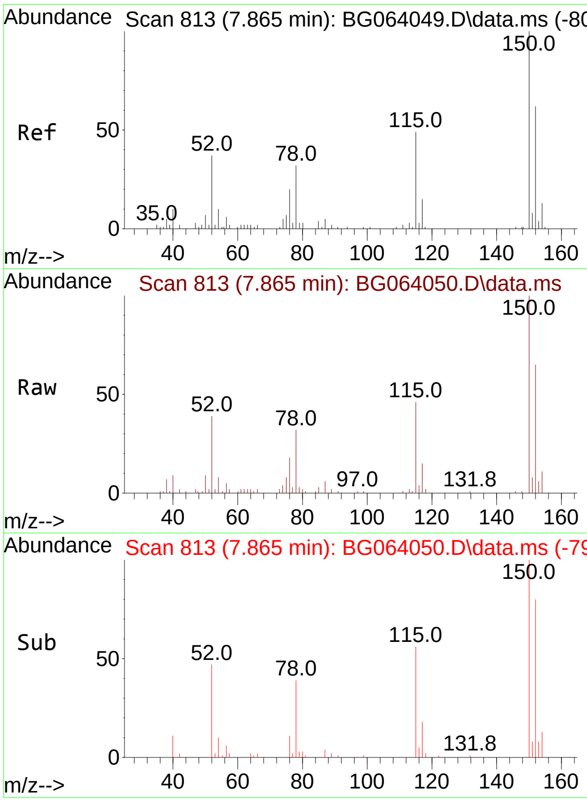
Quant Time: Mar 05 15:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025





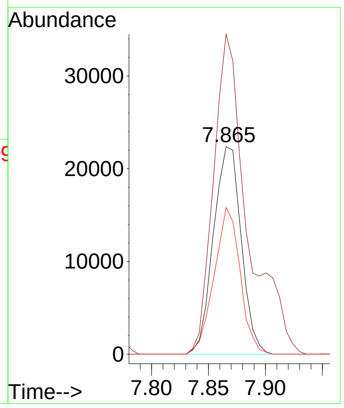
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

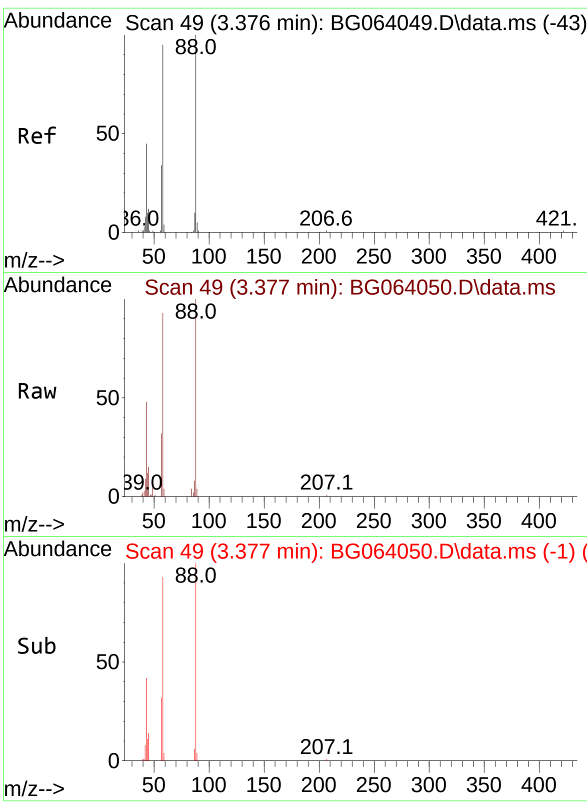
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 3804

Ion	Ratio	Lower	Upper
152	100		
150	154.2	129.2	193.8
115	70.7	63.0	94.6

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

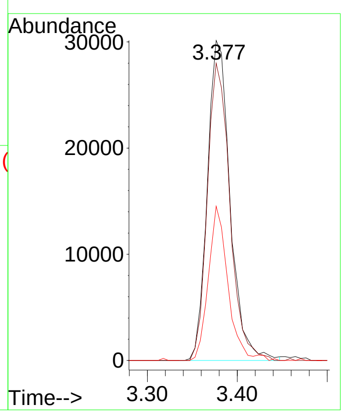


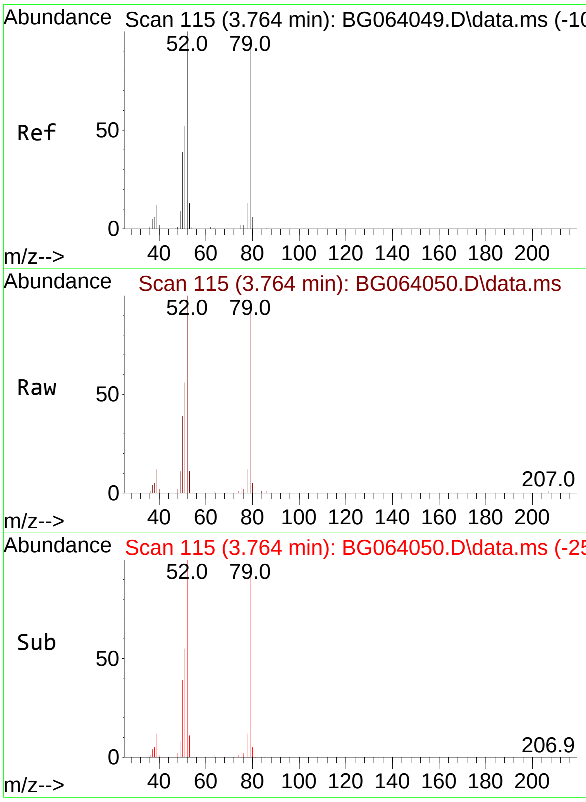


#2
1,4-Dioxane
Concen: 48.134 ng
RT: 3.377 min Scan# 49
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion: 88 Resp: 53145

Ion	Ratio	Lower	Upper
88	100		
58	91.8	74.6	111.8
43	41.4	35.5	53.3





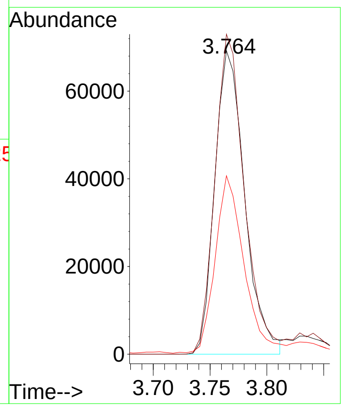
#3
Pyridine
Concen: 47.393 ng
RT: 3.764 min   Scan# 1
Delta R.T.   0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025   12:23

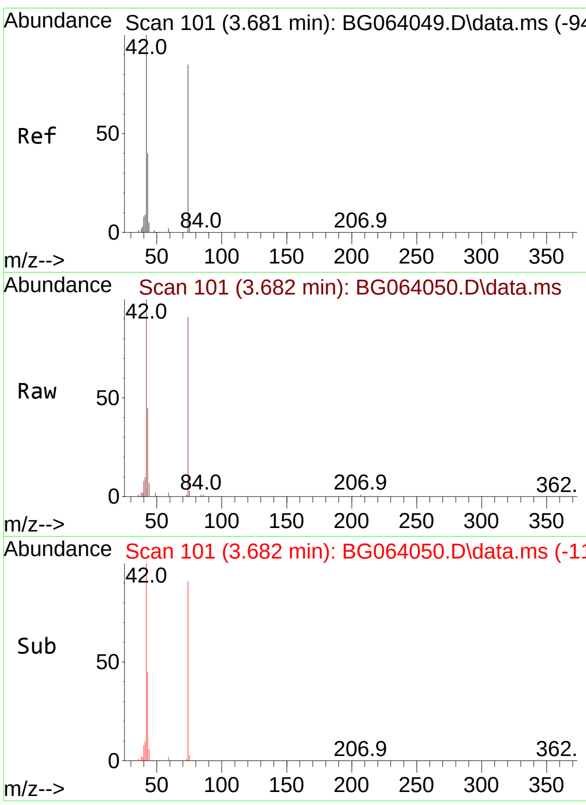
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 12725

Ion	Ratio	Lower	Upper
79	100		
52	105.4	83.0	124.6
51	58.8	44.3	66.5

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay   03/06/2025
Supervised By :mohammad ahmed   03/07/2025

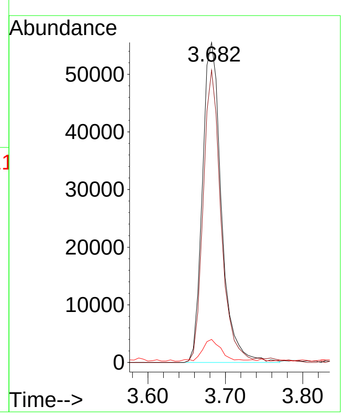




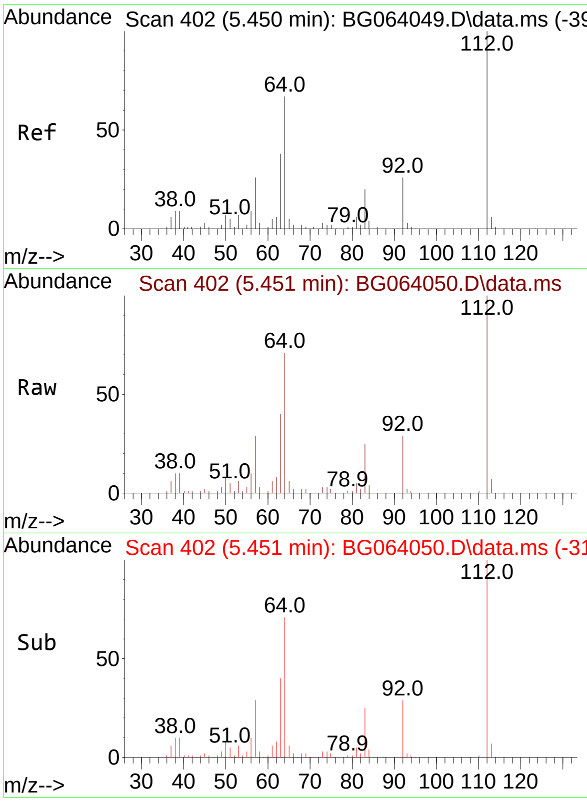
#4
n-Nitrosodimethylamine
Concen: 49.369 ng
RT: 3.682 min   Scan# 101
Delta R.T.   0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025   12:23

Tgt Ion: 42 Resp: 94714

Ion	Ratio	Lower	Upper
42	100		
74	91.3	68.0	102.0
44	7.2	4.9	7.3



ICAL Form



#5
2-Fluorophenol
Concen: 98.271 ng
RT: 5.451 min Scan# 40
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

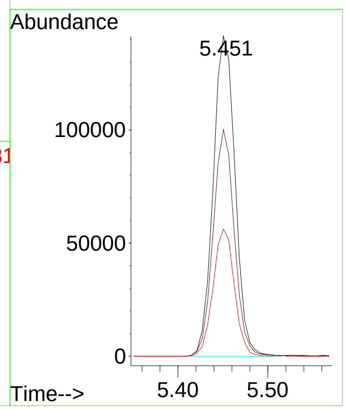
Tgt Ion:112 Resp: 23940

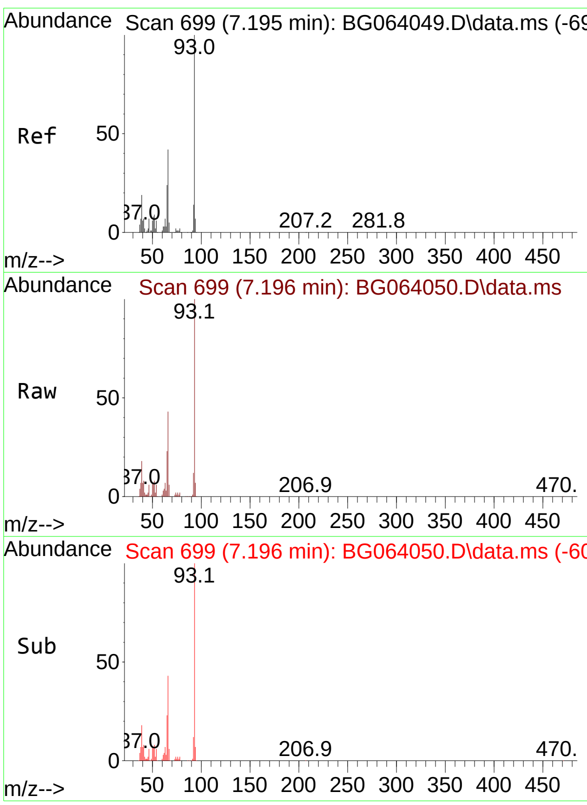
Ion	Ratio	Lower	Upper
112	100		
64	70.8	53.7	80.5
63	39.8	30.2	45.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

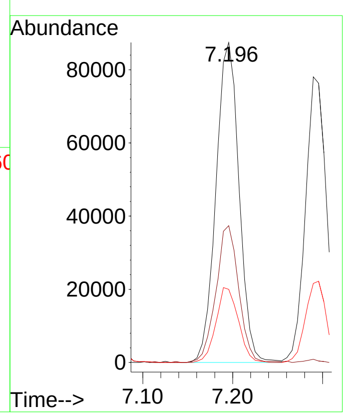




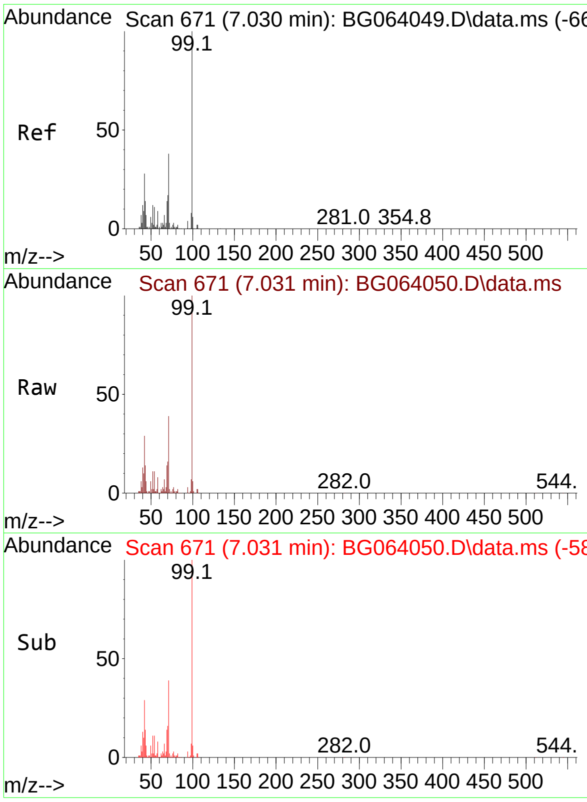
#6
Aniline
Concen: 48.003 ng
RT: 7.196 min Scan# 699
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion: 93 Resp: 156110

Ion	Ratio	Lower	Upper
93	100		
66	42.7	33.7	50.5
65	22.9	19.1	28.7



ICAL Form



#7
Phenol-d6
Concen: 97.714 ng
RT: 7.031 min   Scan# 6
Delta R.T.   0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025   12:23

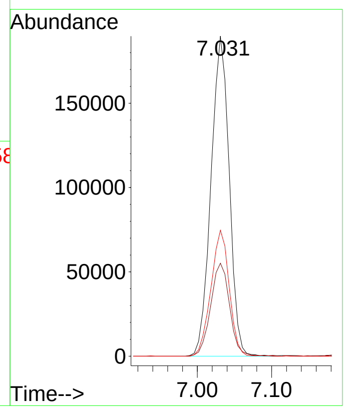
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

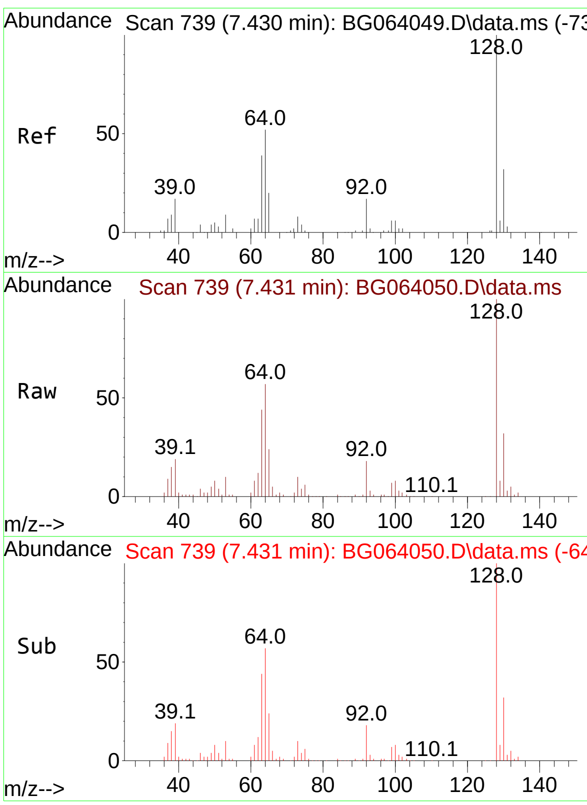
Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay   03/06/2025
Supervised By :mohammad ahmed   03/07/2025

Tgt Ion: 99 Resp: 32384

Ion	Ratio	Lower	Upper
99	100		
42	29.1	22.7	34.1
71	39.4	30.6	46.0

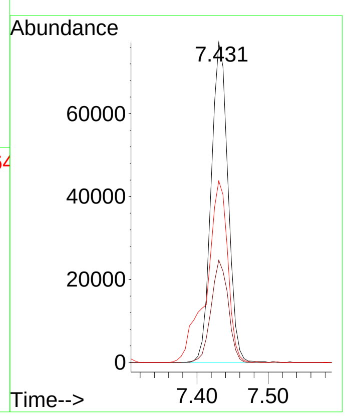


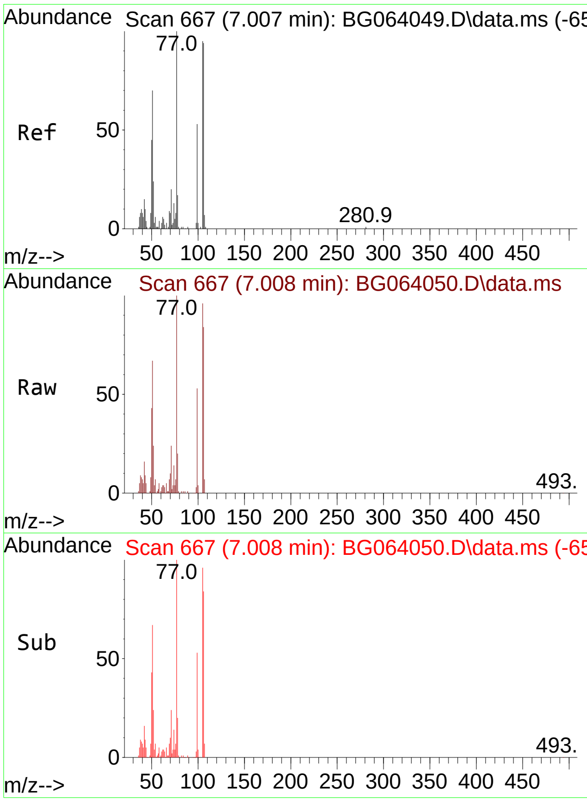


#8
2-Chlorophenol
Concen: 48.467 ng
RT: 7.431 min   Scan# 739
Delta R.T.   0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025   12:23

Tgt Ion:128 Resp: 126814

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.3	52.3
64	56.7	37.0	77.0





#9
Benzaldehyde
Concen: 42.223 ng
RT: 7.008 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

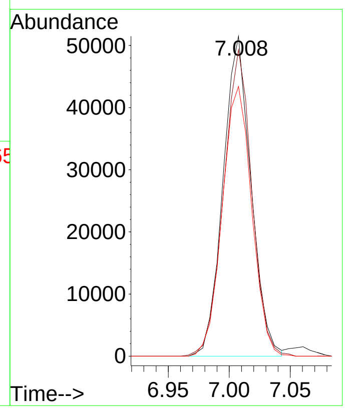
Tgt Ion: 77 Resp: 8179

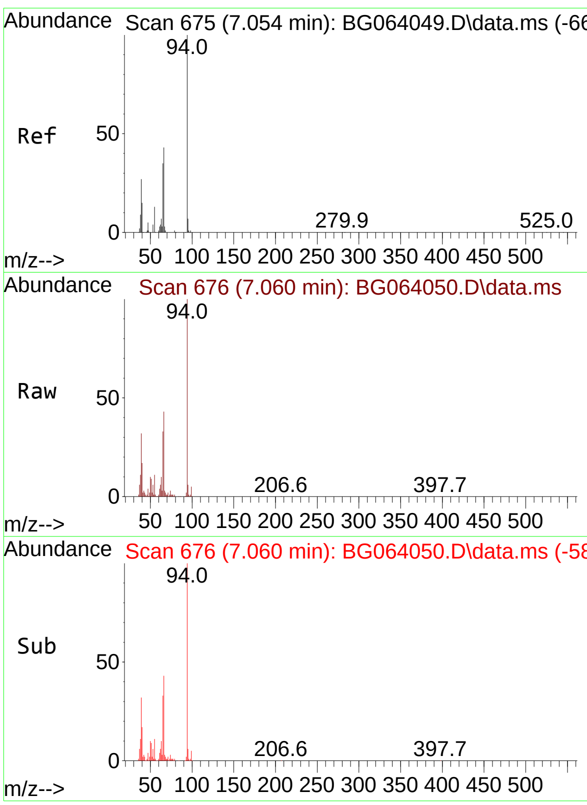
Ion	Ratio	Lower	Upper
77	100		
105	95.8	75.5	115.5
106	84.3	74.2	114.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

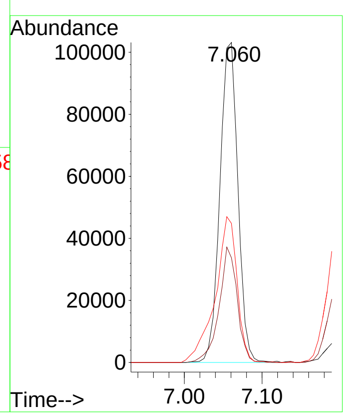




#10
Phenol
Concen: 49.107 ng
RT: 7.060 min Scan# 676
Delta R.T. 0.007 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion: 94 Resp: 166630

Ion	Ratio	Lower	Upper
94	100		
65	32.7	15.2	55.2
66	43.4	25.1	65.1

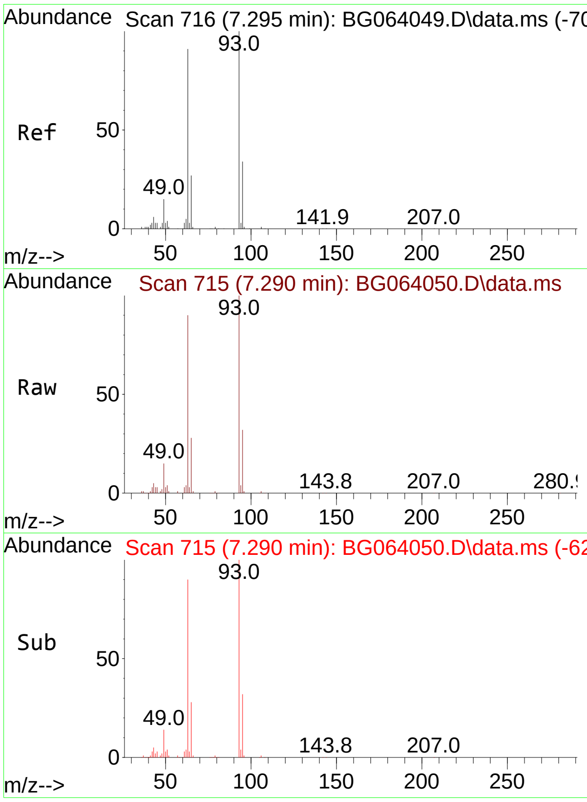


ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

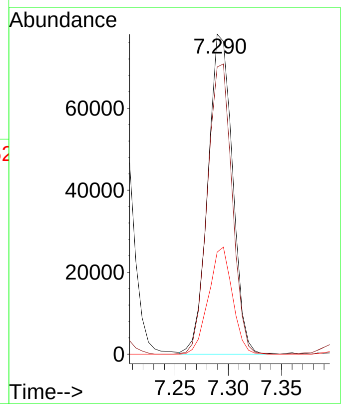
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

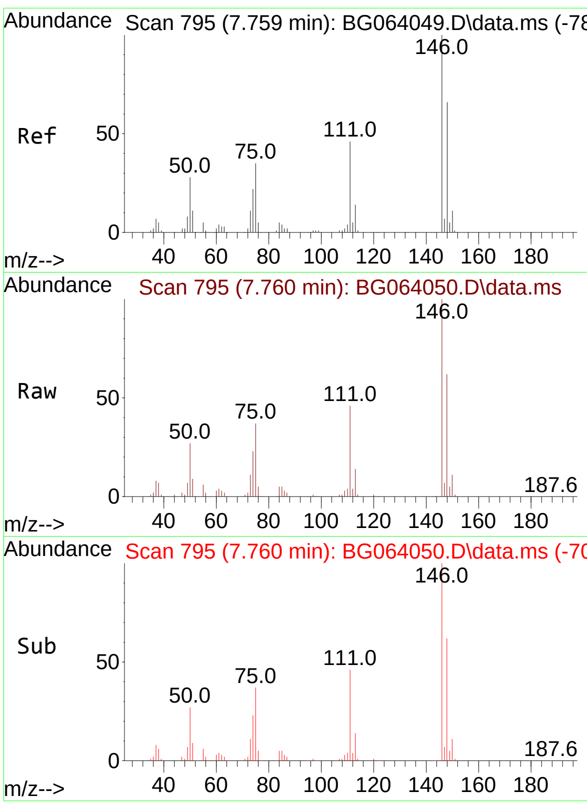


#11
bis(2-Chloroethyl)ether
Concen: 47.264 ng
RT: 7.290 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion: 93 Resp: 125734

Ion	Ratio	Lower	Upper
93	100		
63	89.8	70.0	110.0
95	31.9	13.7	53.7

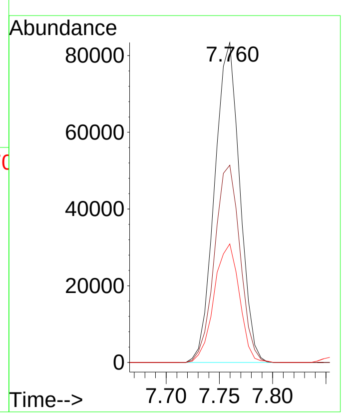




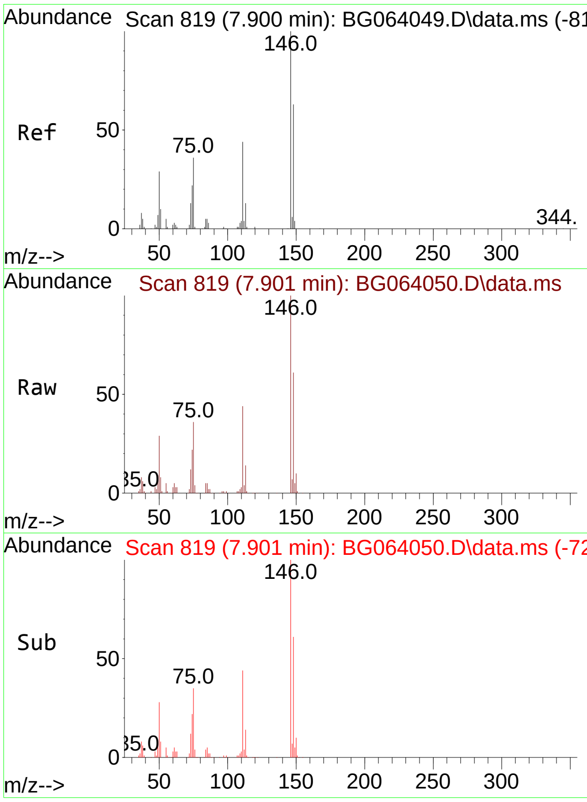
#12
1,3-Dichlorobenzene
Concen: 47.598 ng
RT: 7.760 min Scan# 795
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:146 Resp: 136763

Ion	Ratio	Lower	Upper
146	100		
148	61.6	52.6	78.8
75	37.1	28.1	42.1



ICAL Form



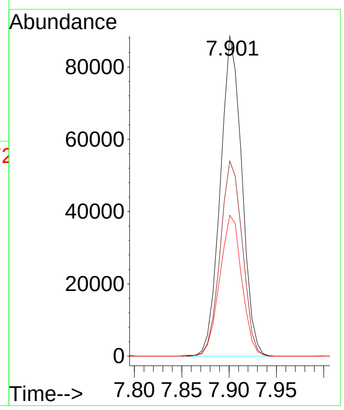
#13
1,4-Dichlorobenzene
Concen: 47.733 ng
RT: 7.901 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

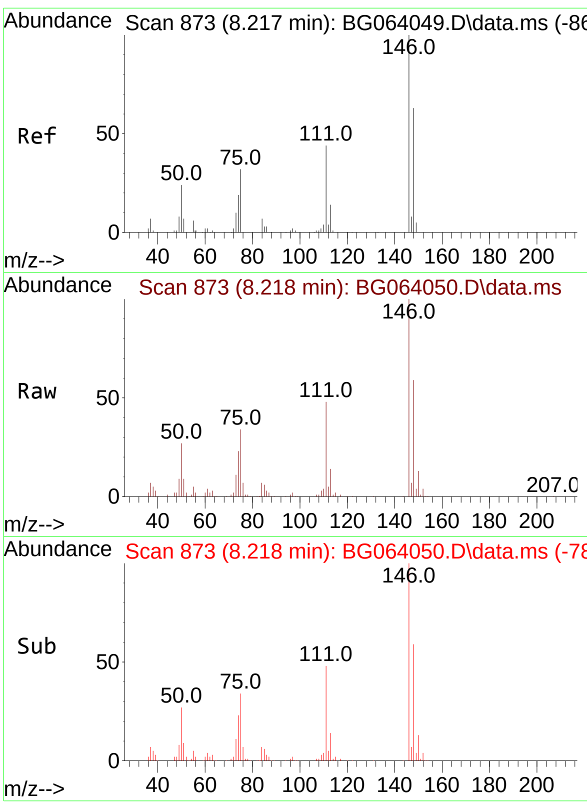
Tgt Ion:146 Resp: 14057

Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.6	75.8
111	44.1	35.1	52.7

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

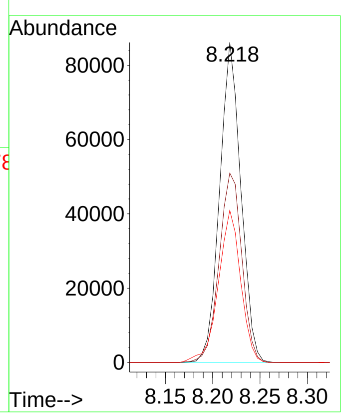




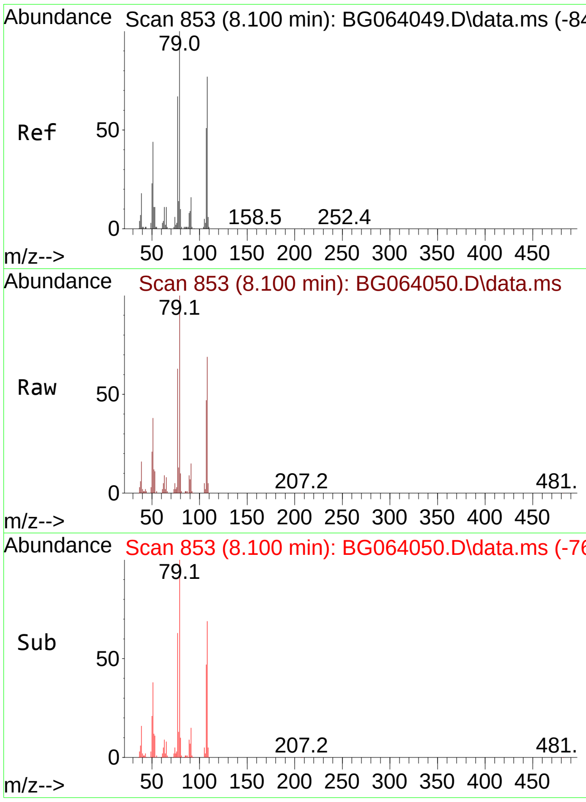
#14
1,2-Dichlorobenzene
Concen: 47.407 ng
RT: 8.218 min Scan# 873
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:146 Resp: 134631

Ion	Ratio	Lower	Upper
146	100		
148	59.2	50.2	75.2
111	47.5	36.4	54.6



ICAL Form



#15
Benzyl Alcohol
Concen: 50.441 ng
RT: 8.100 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 12918

Ion	Ratio	Lower	Upper
79	100		
108	68.8	61.7	92.5
77	63.5	53.9	80.9

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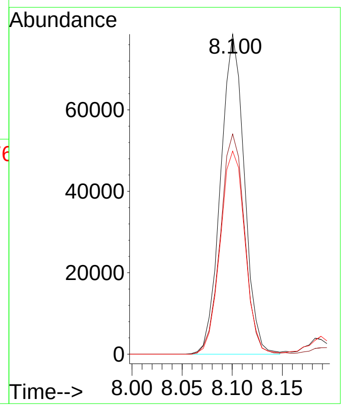
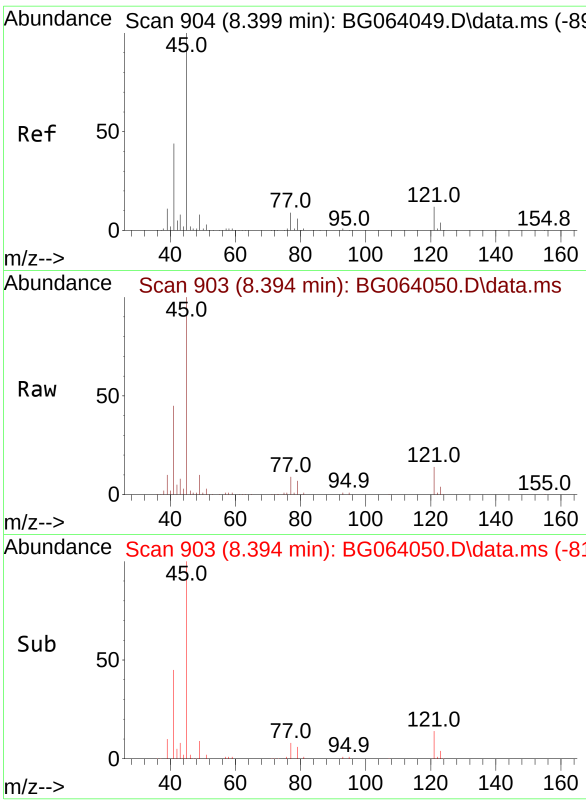
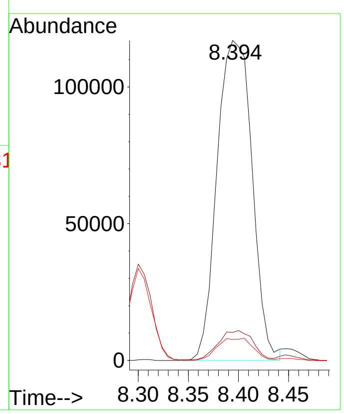




#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.637 ng
RT: 8.394 min Scan# 903
Delta R.T. -0.005 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion: 45 Resp: 284947

Ion	Ratio	Lower	Upper
45	100		
77	8.8	0.0	29.0
79	6.5	0.0	26.6



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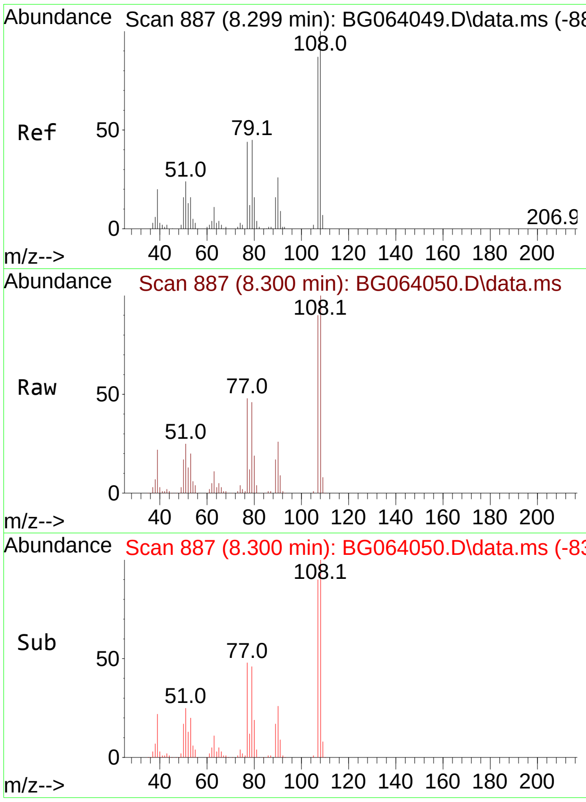
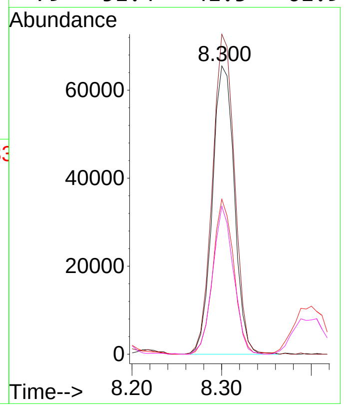


#17
2-Methylphenol
Concen: 49.469 ng
RT: 8.300 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:107 Resp: 11140

Ion	Ratio	Lower	Upper
107	100		
108	111.0	92.5	138.7
77	53.8	40.5	60.7
79	51.4	41.3	61.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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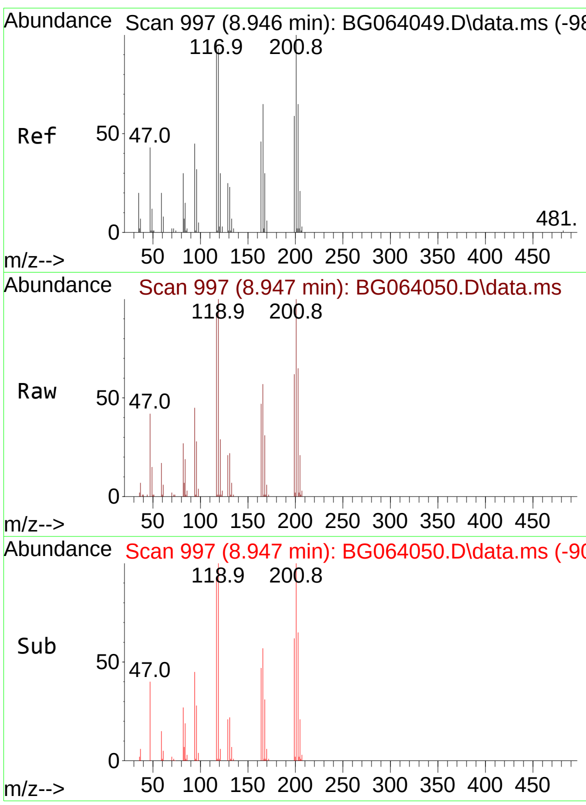
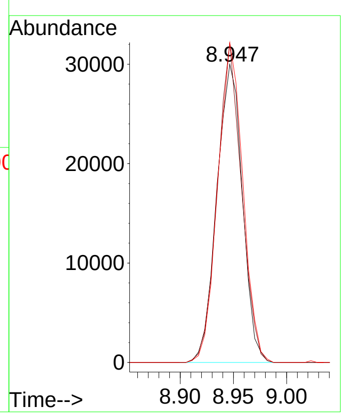


#18
Hexachloroethane
Concen: 48.558 ng
RT: 8.947 min Scan# 997
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:117 Resp: 50035

Ion	Ratio	Lower	Upper
117	100		
119	108.3	76.2	114.2
201	107.3	81.5	122.3



Instrument : BNA_G
ClientSampleId : SSTDICC050

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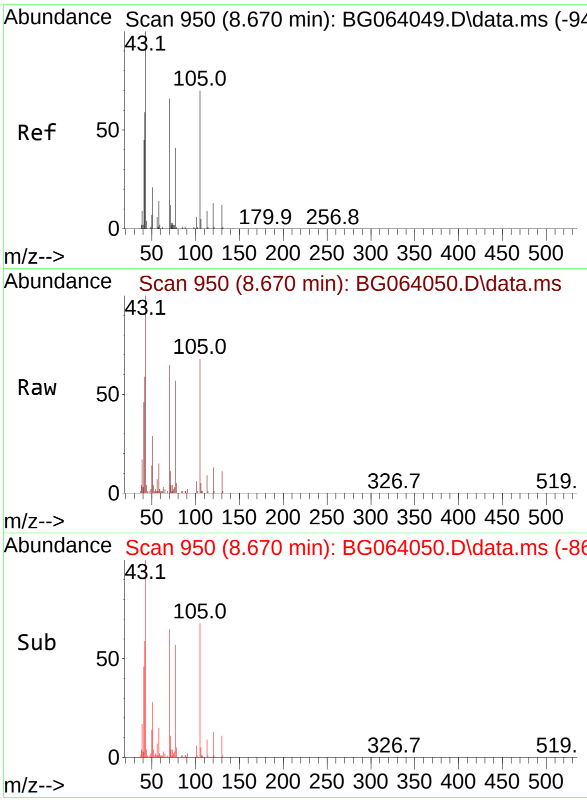
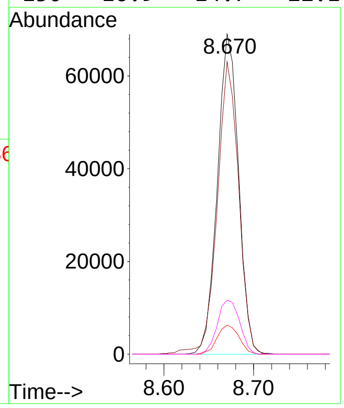
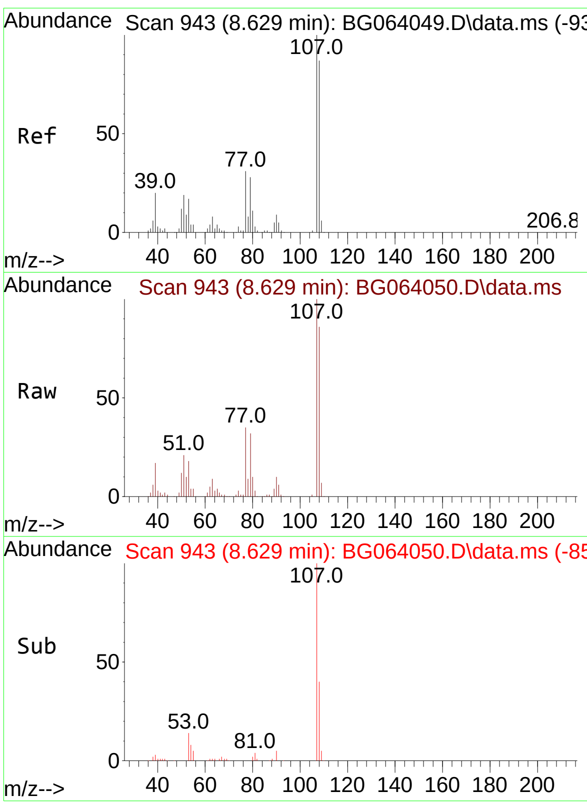


#19
n-Nitroso-di-n-propylamine
Concen: 48.631 ng
RT: 8.670 min Scan# 9
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion: 70 Resp: 11311

Ion	Ratio	Lower	Upper
70	100		
42	91.4	72.1	108.1
101	9.1	7.2	10.8
130	16.9	14.7	22.1

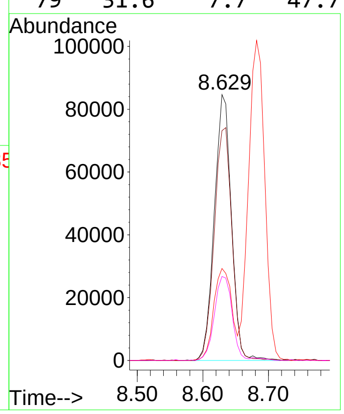




#20
3+4-Methylphenols
Concen: 49.461 ng
RT: 8.629 min Scan# 943
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:107 Resp: 153346

Ion	Ratio	Lower	Upper
107	100		
108	86.4	67.0	107.0
77	34.6	11.2	51.2
79	31.6	7.7	47.7



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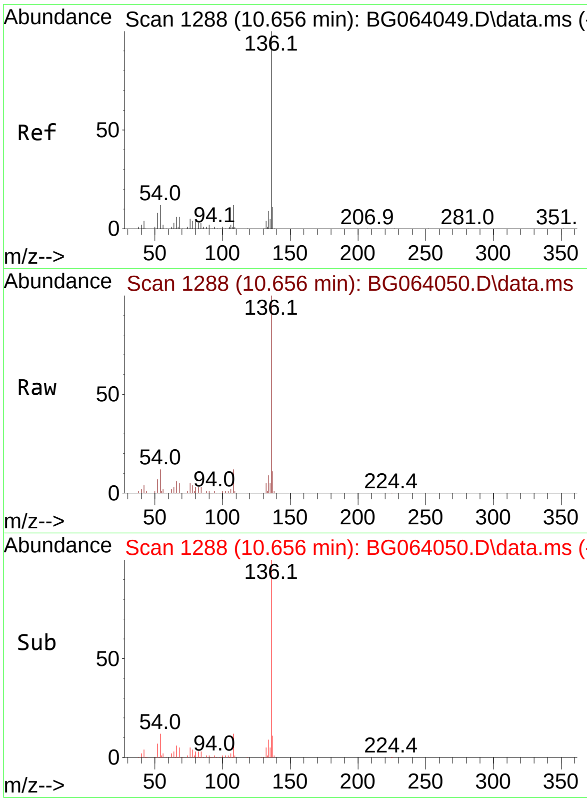
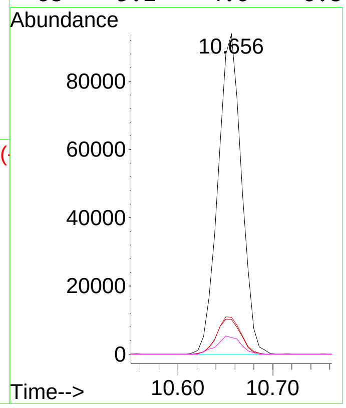


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.656 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:136 Resp: 16232

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	12.3	9.9	14.9
68	5.2	4.6	6.8



Instrument :
BNA_G
ClientSampleId :
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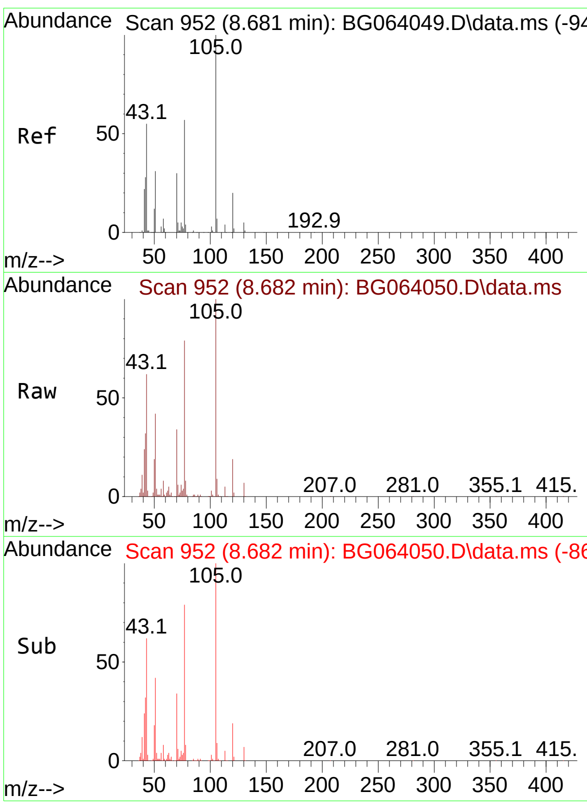
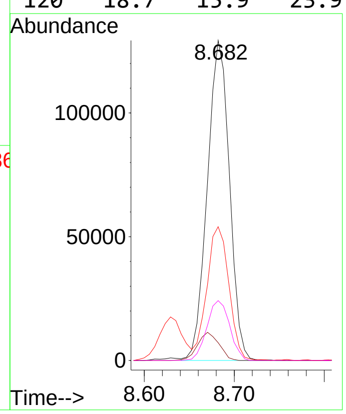


#22
Acetophenone
Concen: 49.752 ng
RT: 8.682 min Scan# 952
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:105 Resp: 221424

Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.2	6.4
51	41.8	33.3	49.9
120	18.7	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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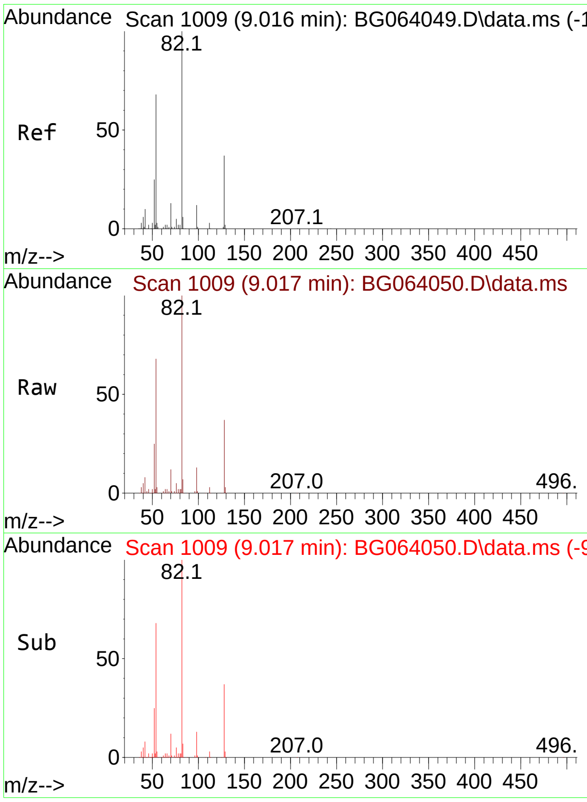
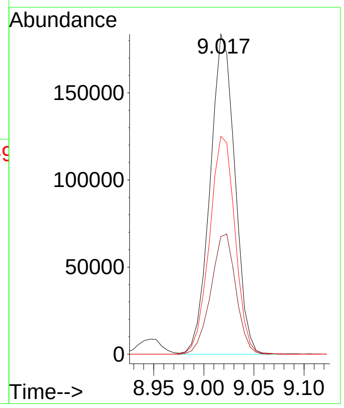
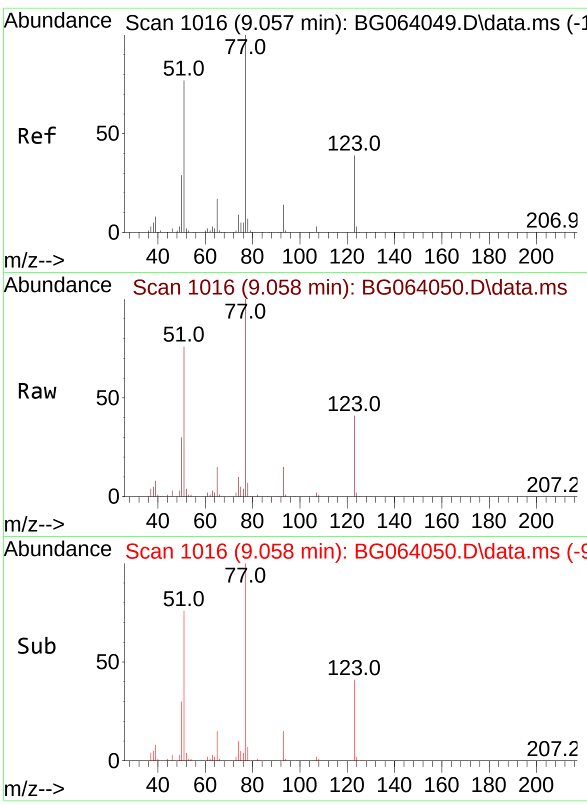


#23
Nitrobenzene-d5
Concen: 107.720 ng
RT: 9.017 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion: 82 Resp: 31640

Ion	Ratio	Lower	Upper
82	100		
128	36.7	30.0	45.0
54	68.1	54.7	82.1

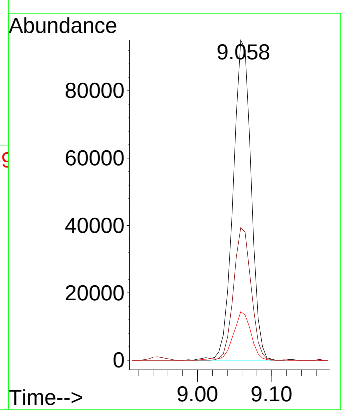




#24
Nitrobenzene
Concen: 52.890 ng
RT: 9.058 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion: 77 Resp: 160553

Ion	Ratio	Lower	Upper
77	100		
123	41.4	31.4	47.2
65	15.1	13.4	20.0



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Instrument :
BNA_G
ClientSampleId :
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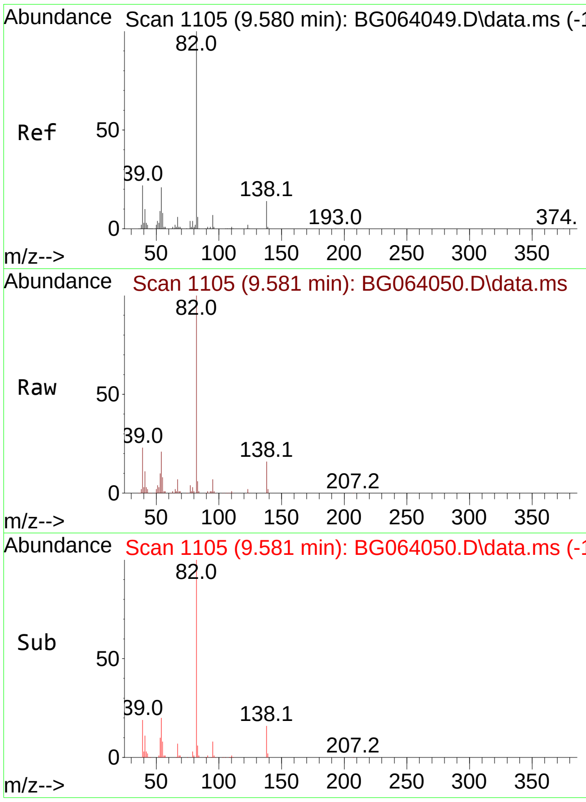
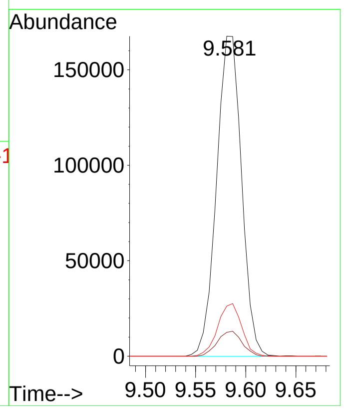
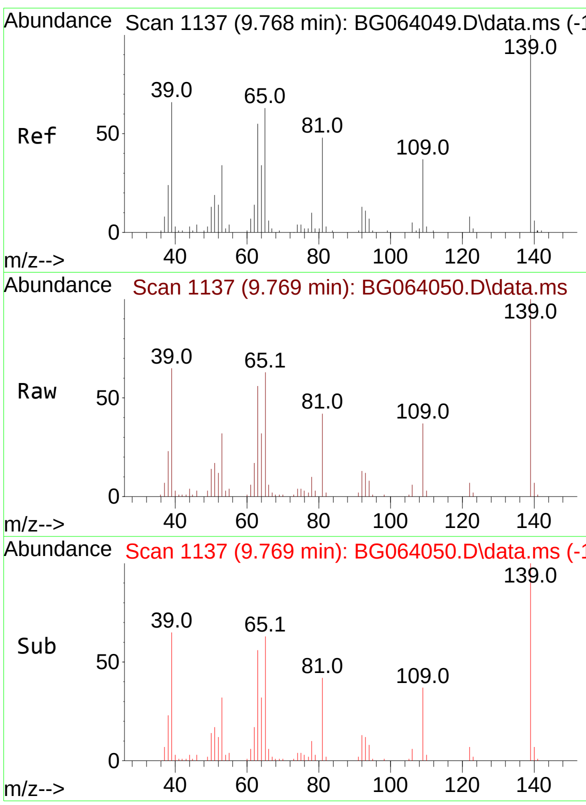


#25
Isophorone
Concen: 49.457 ng
RT: 9.581 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion: 82 Resp: 290768

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.8
138	15.7	10.9	16.3

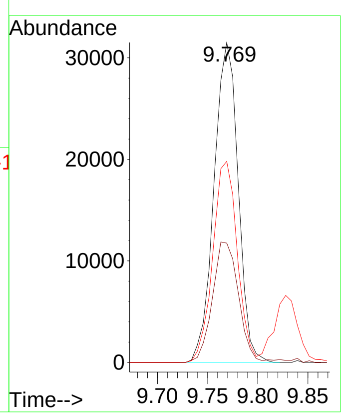




#26
2-Nitrophenol
Concen: 49.791 ng
RT: 9.769 min Scan# 1137
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:139 Resp: 52718

Ion	Ratio	Lower	Upper
139	100		
109	37.3	29.9	44.9
65	62.8	50.6	76.0



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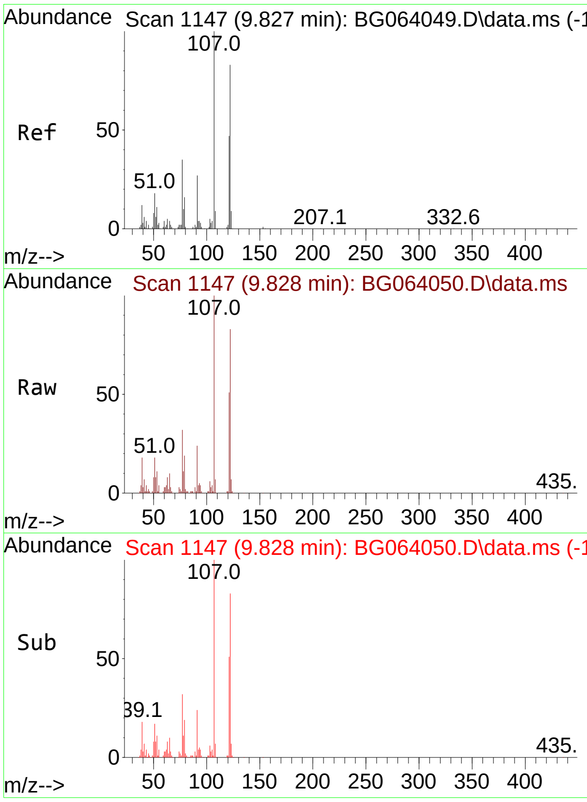

#27
2,4-Dimethylphenol
Concen: 50.976 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:122 Resp: 8984

Ion	Ratio	Lower	Upper
122	100		
107	120.6	95.4	143.0
121	61.8	44.9	67.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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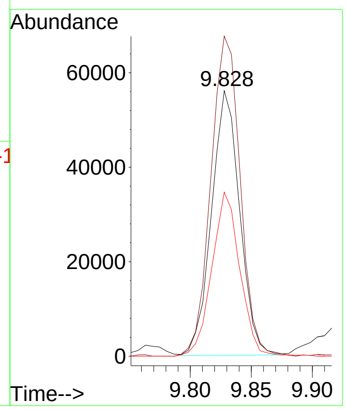
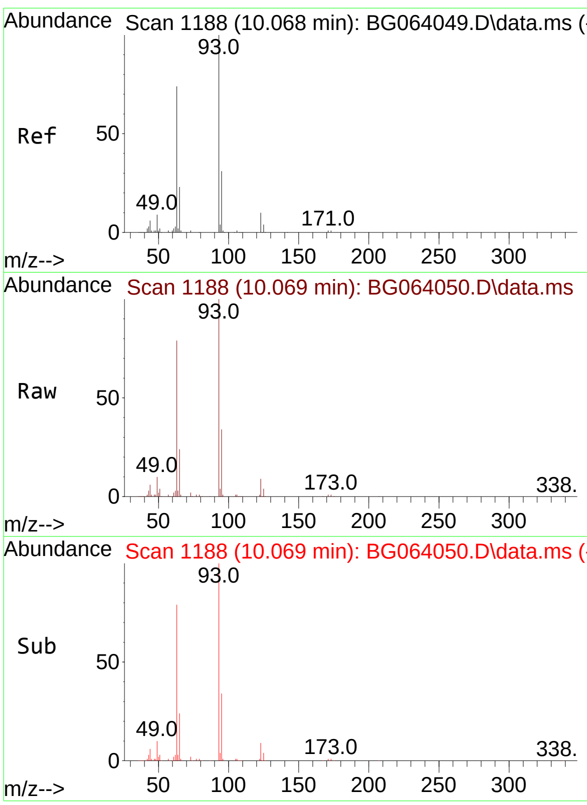
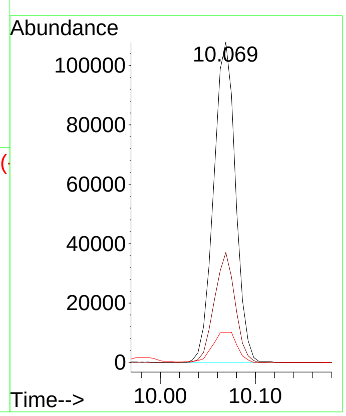




#28
bis(2-Chloroethoxy)methane
Concen: 48.604 ng
RT: 10.069 min Scan# 1188
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion: 93 Resp: 173244

Ion	Ratio	Lower	Upper
93	100		
95	34.4	25.0	37.4
123	9.5	7.6	11.4



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Instrument :
BNA_G
ClientSampleId :
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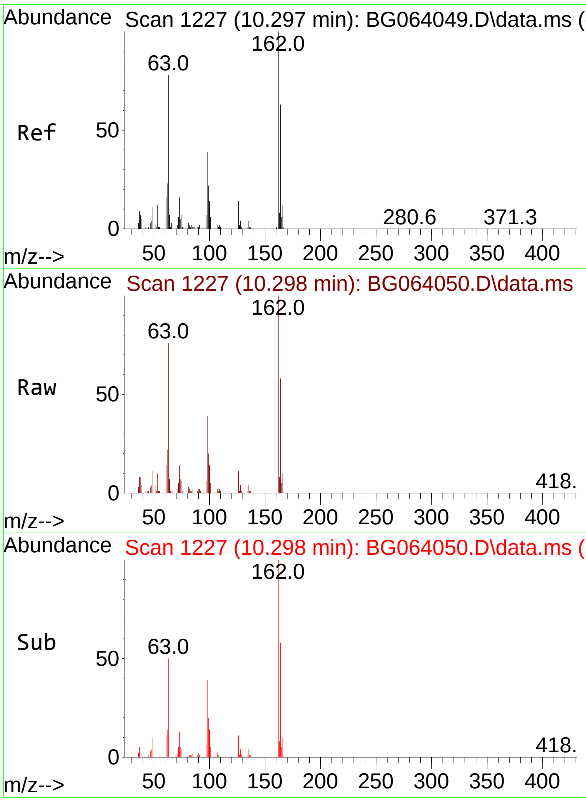
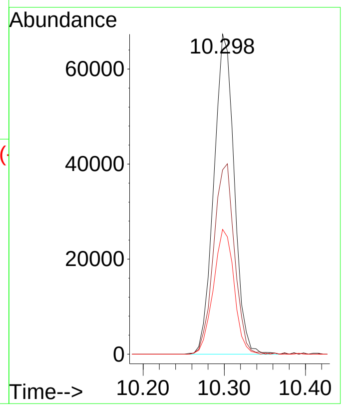
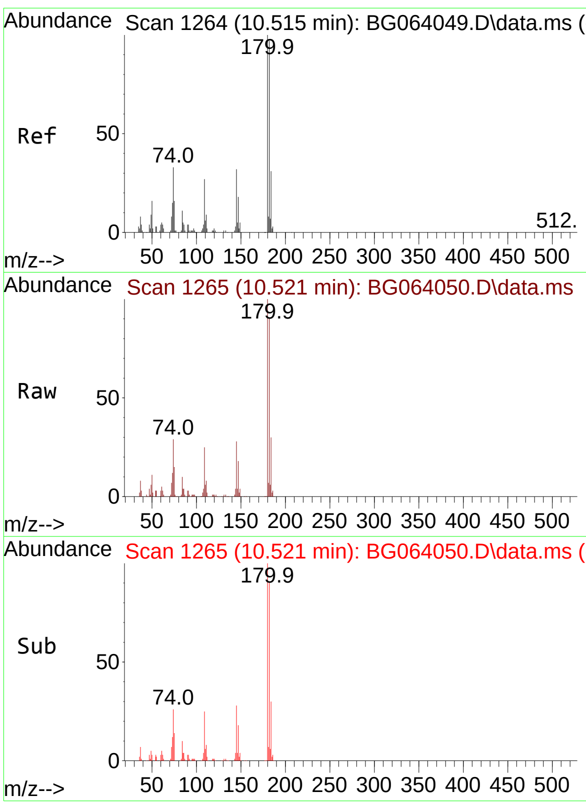


#29
2,4-Dichlorophenol
Concen: 52.861 ng
RT: 10.298 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:162 Resp: 11764

Ion	Ratio	Lower	Upper
162	100		
164	57.6	42.8	82.8
98	39.0	19.1	59.1

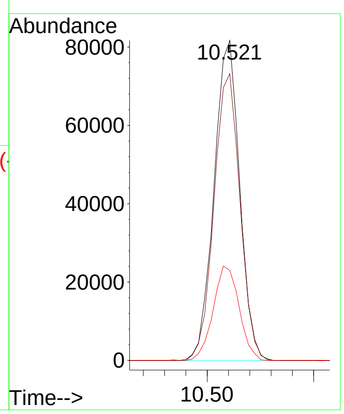




#30
1,2,4-Trichlorobenzene
Concen: 50.701 ng
RT: 10.521 min Scan# 1265
Delta R.T. 0.007 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:180 Resp: 136213

Ion	Ratio	Lower	Upper
180	100		
182	89.6	77.3	115.9
145	28.2	25.2	37.8



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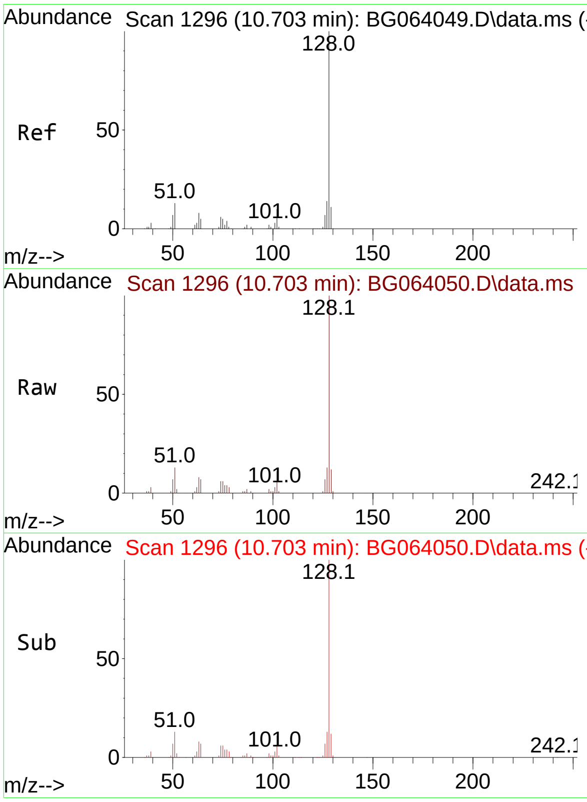

#31
Naphthalene
Concen: 49.204 ng
RT: 10.703 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:128 Resp: 43067

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.4	12.6
127	13.4	11.1	16.7

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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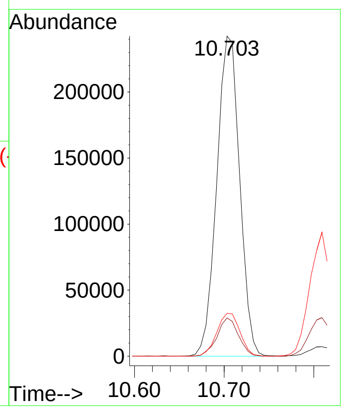
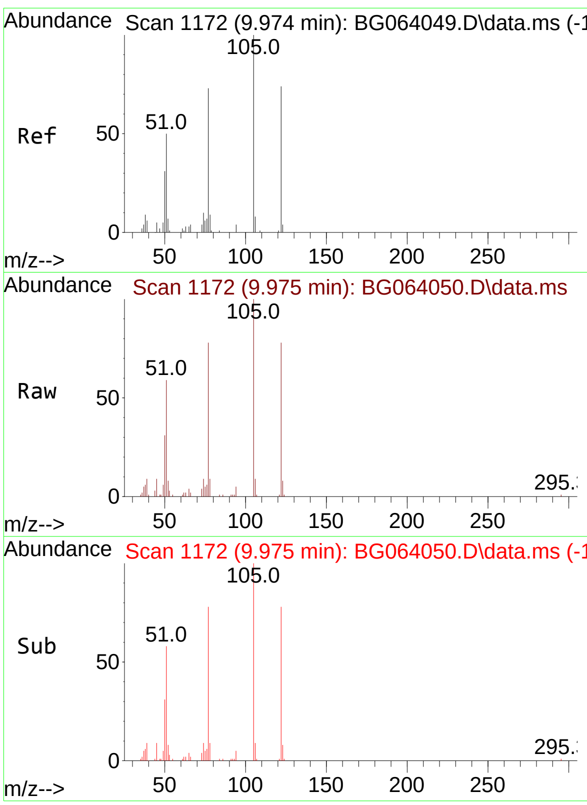
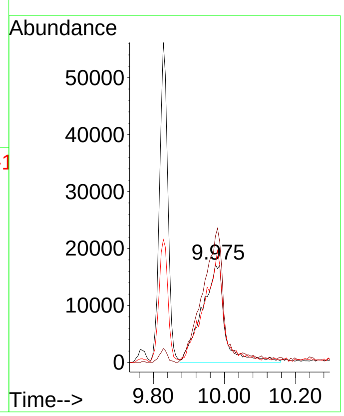




#32
Benzoic acid
Concen: 47.851 ng m
RT: 9.975 min Scan# 1172
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:122 Resp: 77326

Ion	Ratio	Lower	Upper
122	100		
105	128.9	115.0	155.0
77	100.0	80.9	120.9



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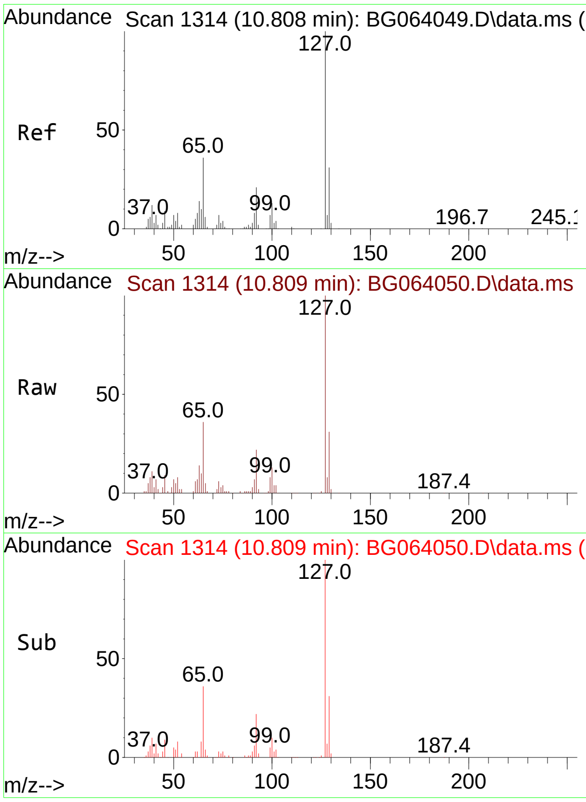

#33
4-Chloroaniline
Concen: 49.975 ng
RT: 10.809 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 15987

Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.0	37.4
65	36.2	28.5	42.7
92	22.1	16.5	24.7

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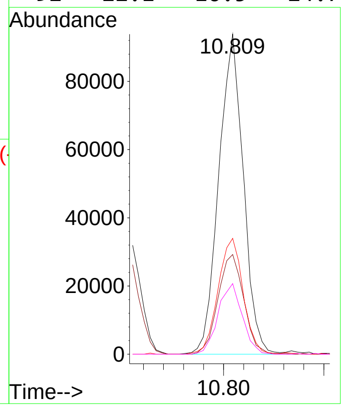
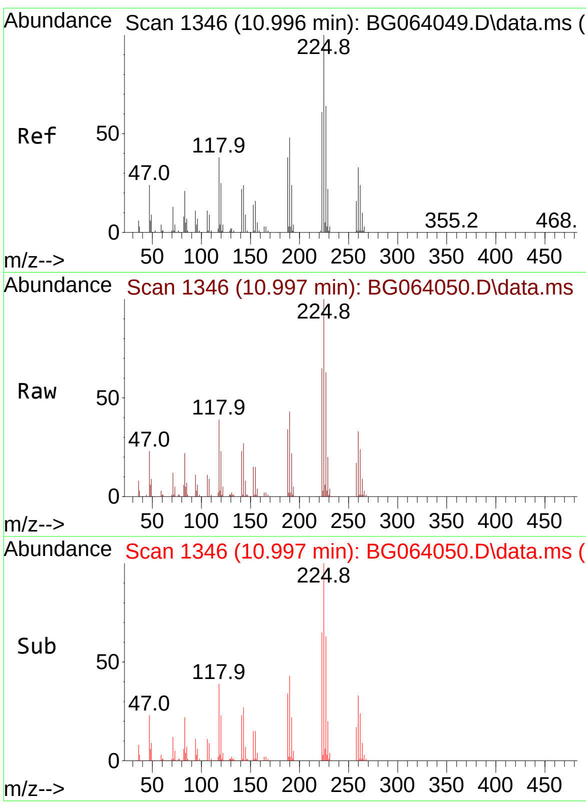
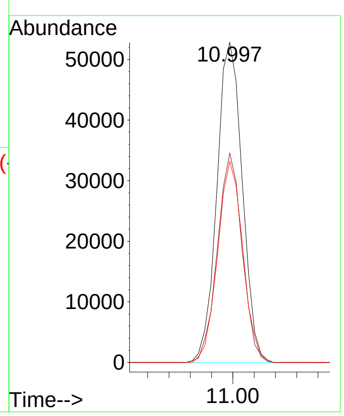




#34
Hexachlorobutadiene
Concen: 49.759 ng
RT: 10.997 min Scan# 1346
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:225 Resp: 87623

Ion	Ratio	Lower	Upper
225	100		
223	65.4	48.5	72.7
227	62.8	51.0	76.6



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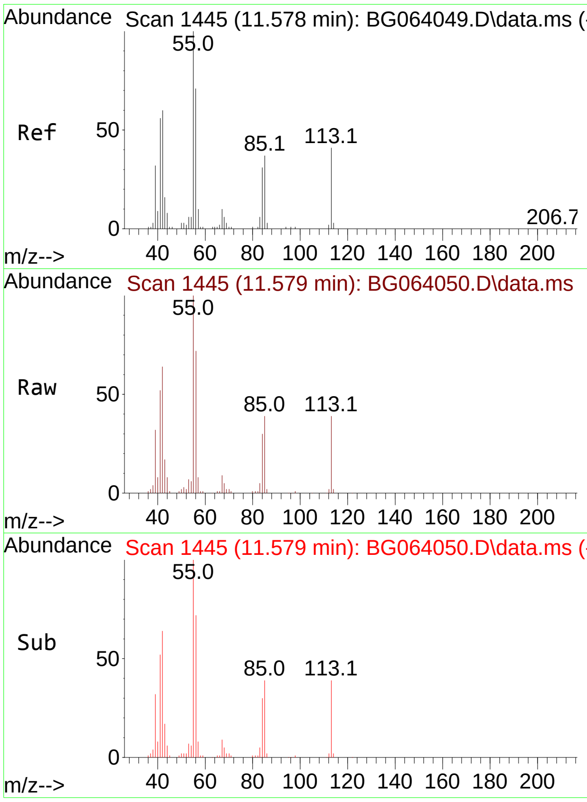
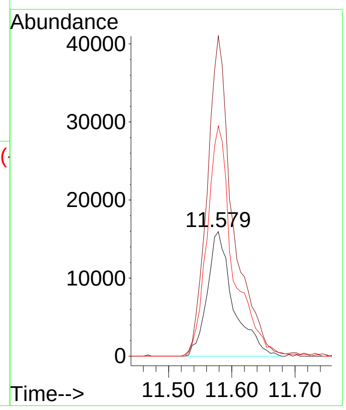


#35
Caprolactam
Concen: 53.678 ng
RT: 11.579 min Scan# 14
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:113 Resp: 4577

Ion	Ratio	Lower	Upper
113	100		
55	257.1	225.2	265.2
56	185.0	153.4	193.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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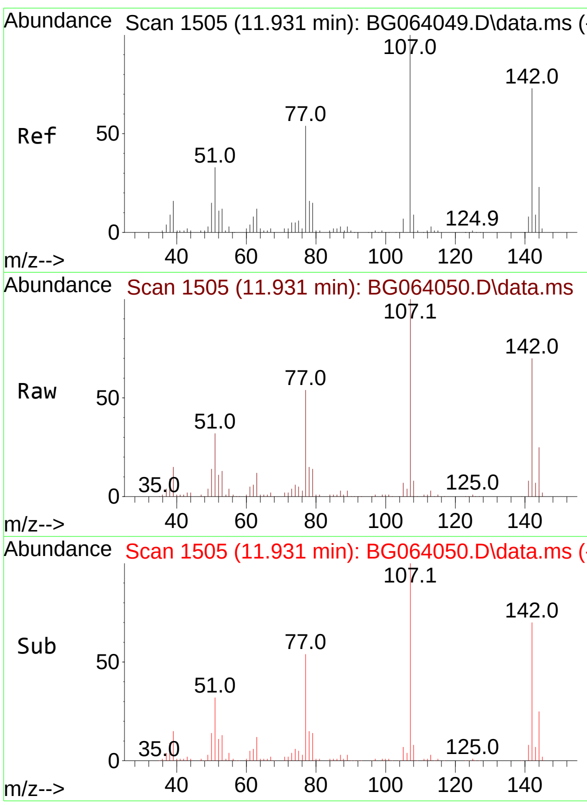
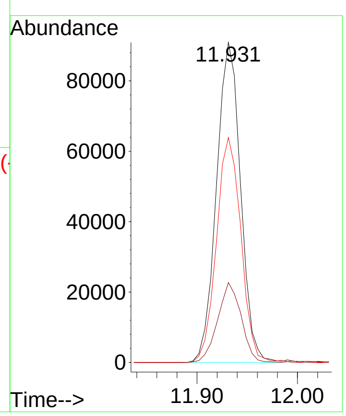


#36
4-Chloro-3-methylphenol
Concen: 51.905 ng
RT: 11.931 min Scan# 1505
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:107 Resp: 151419

Ion	Ratio	Lower	Upper
107	100		
144	25.0	18.6	28.0
142	70.3	58.0	87.0



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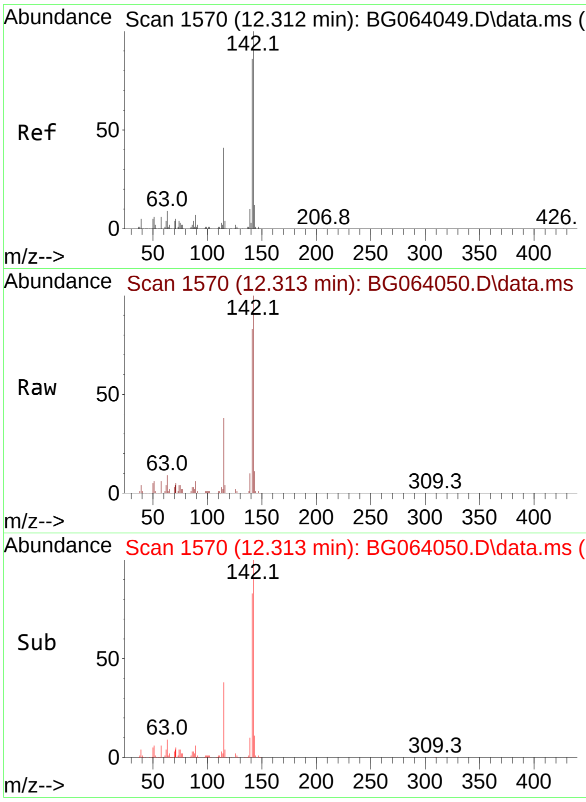

#37
2-Methylnaphthalene
Concen: 48.994 ng
RT: 12.313 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:142 Resp: 30274

Ion	Ratio	Lower	Upper
142	100		
141	83.0	68.6	103.0
115	38.2	32.8	49.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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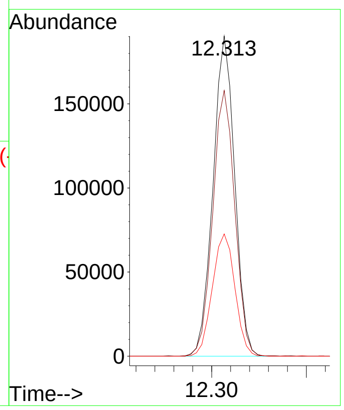
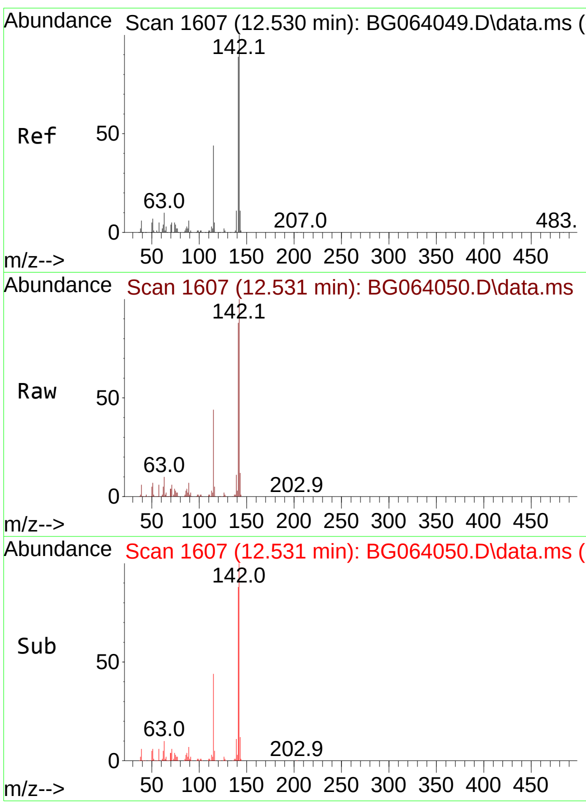
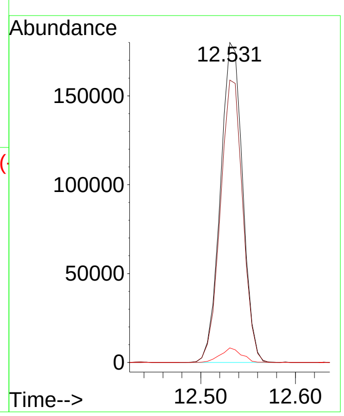


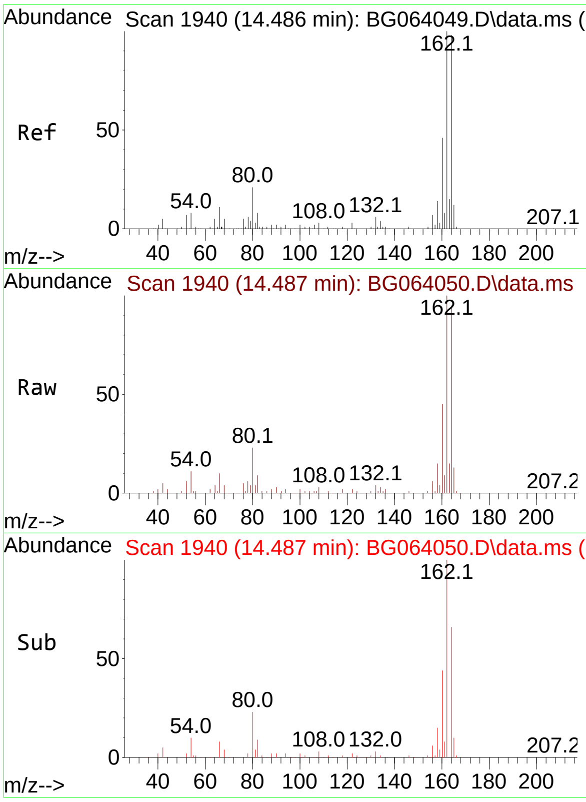


#38
1-Methylnaphthalene
Concen: 48.517 ng
RT: 12.531 min Scan# 1607
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:142 Resp: 293710

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.2	106.8
116	4.6	3.6	5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 11052

Ion	Ratio	Lower	Upper
164	100		
162	105.3	81.4	122.0
160	47.2	37.0	55.6

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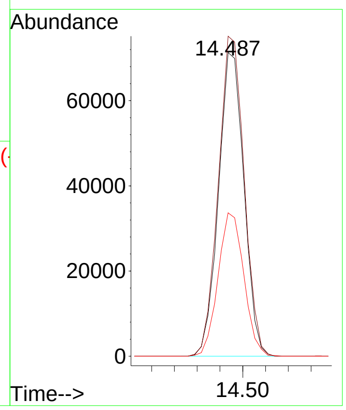
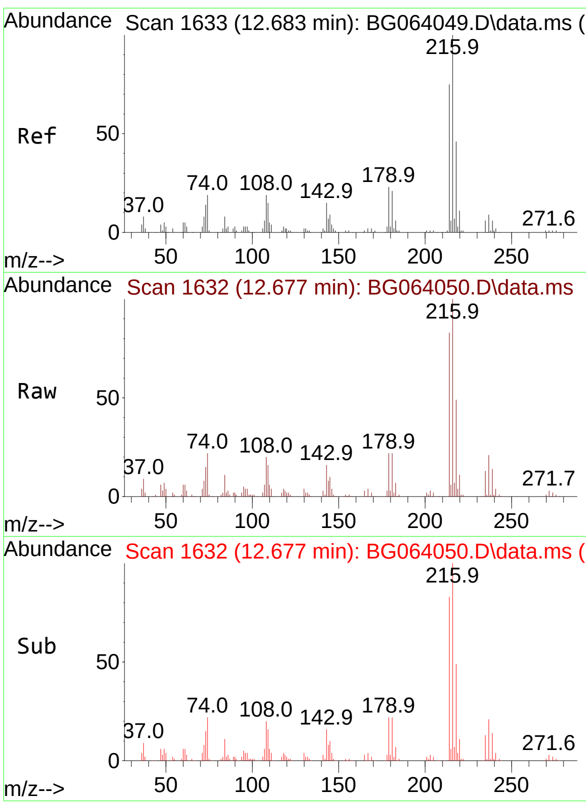
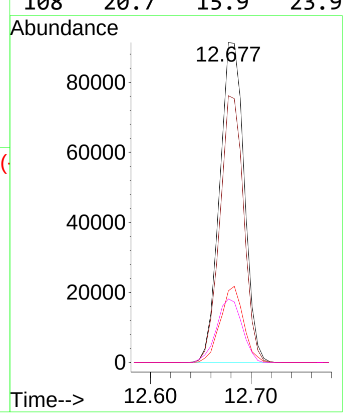




#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.068 ng
RT: 12.677 min Scan# 1632
Delta R.T. -0.005 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:216 Resp: 154824

Ion	Ratio	Lower	Upper
216	100		
214	80.9	61.7	92.5
179	22.4	17.9	26.9
108	20.7	15.9	23.9



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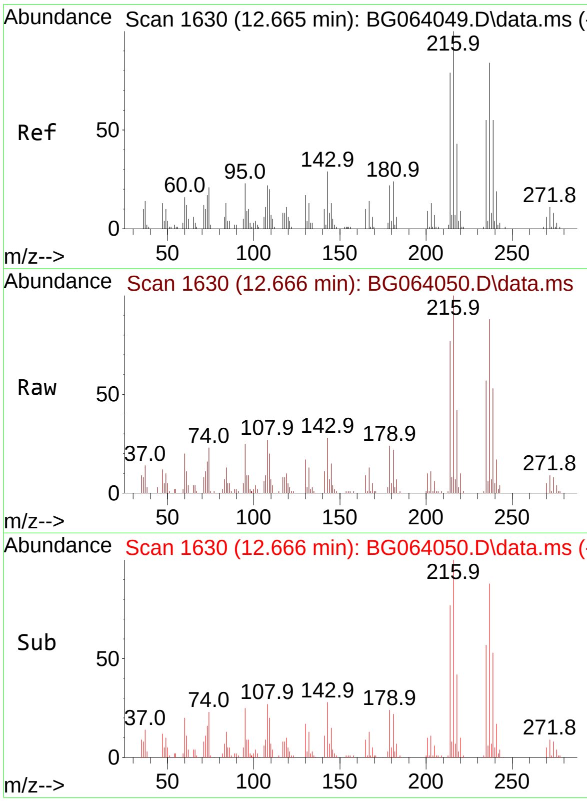

#41
Hexachlorocyclopentadiene
Concen: 54.295 ng
RT: 12.666 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:237 Resp: 4821

Ion	Ratio	Lower	Upper
237	100		
235	65.1	46.0	86.0
272	9.9	0.0	32.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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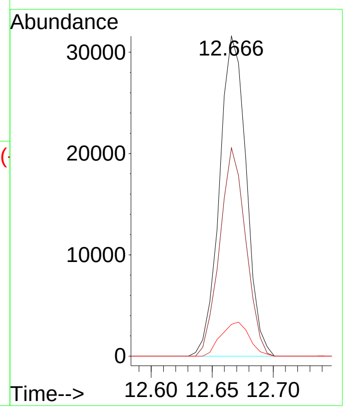
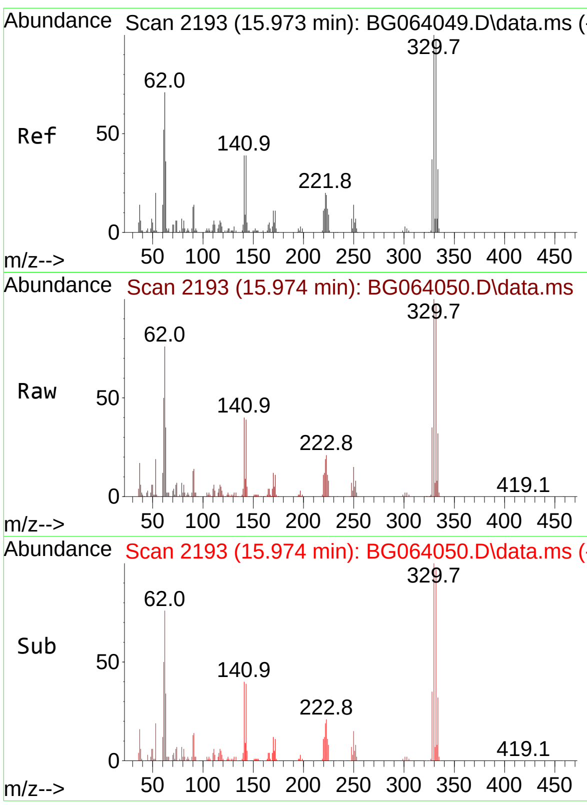
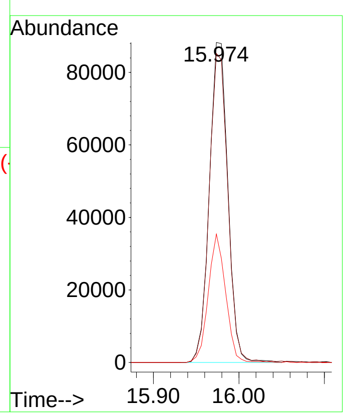




#42
2,4,6-Tribromophenol
Concen: 108.574 ng
RT: 15.974 min Scan# 2193
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:330 Resp: 133386

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	37.4	29.7	44.5



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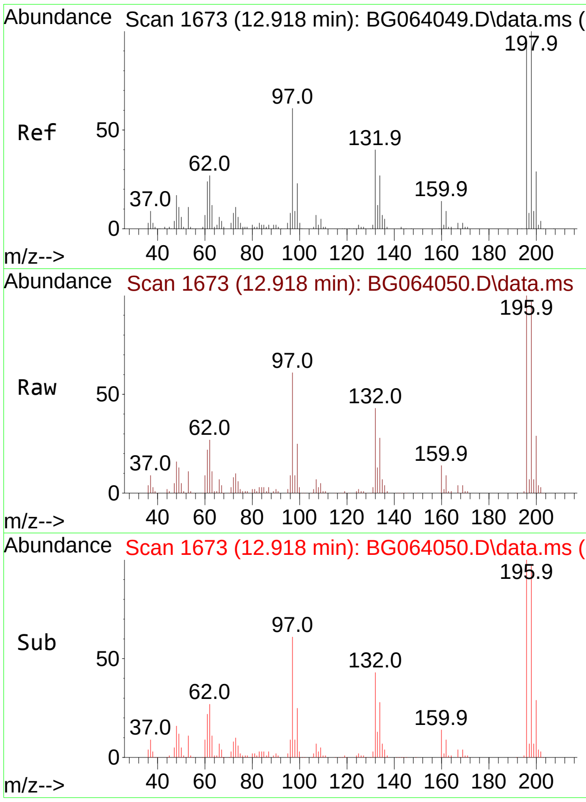

#43
2,4,6-Trichlorophenol
Concen: 53.786 ng
RT: 12.918 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 10002

Ion	Ratio	Lower	Upper
196	100		
198	97.3	85.6	128.4
200	28.9	24.6	37.0

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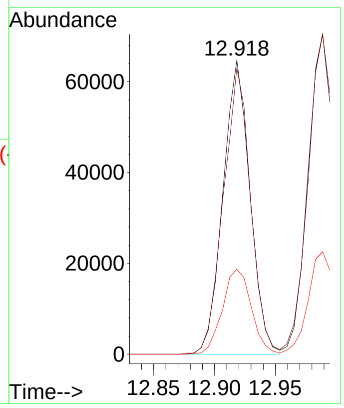
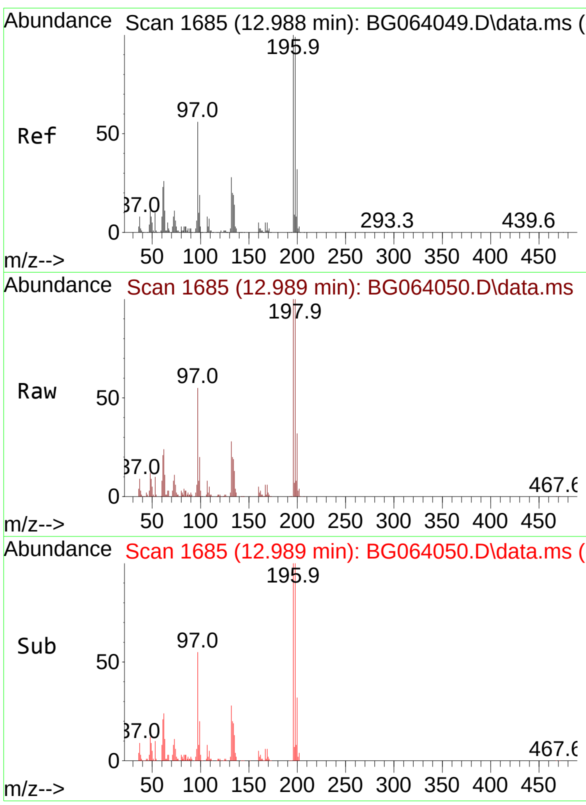
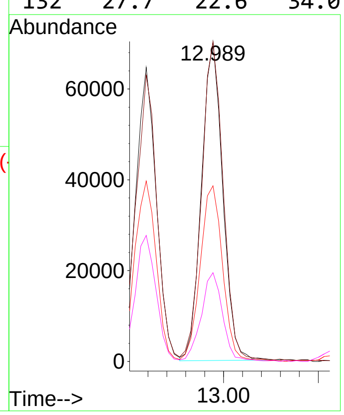




#44
2,4,5-Trichlorophenol
Concen: 52.900 ng
RT: 12.989 min Scan# 1685
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:196 Resp: 109309

Ion	Ratio	Lower	Upper
196	100		
198	99.9	79.5	119.3
97	54.9	45.2	67.8
132	27.7	22.6	34.0



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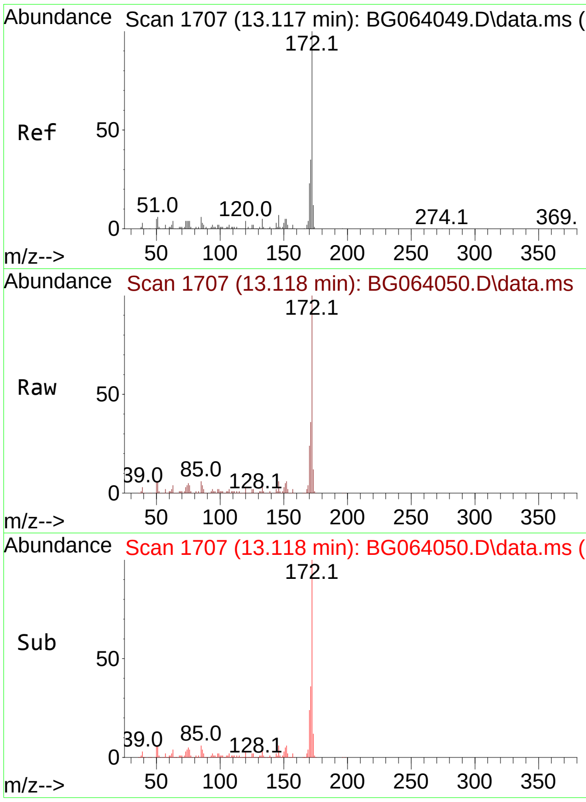

#45
2-Fluorobiphenyl
Concen: 97.354 ng
RT: 13.118 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 70886

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.0	42.0
170	24.0	18.7	28.1

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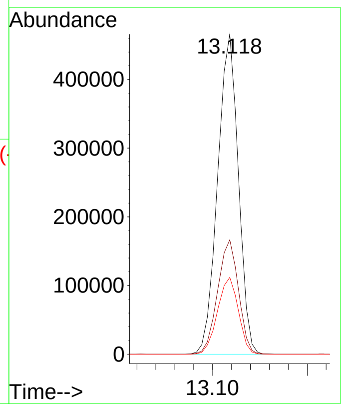
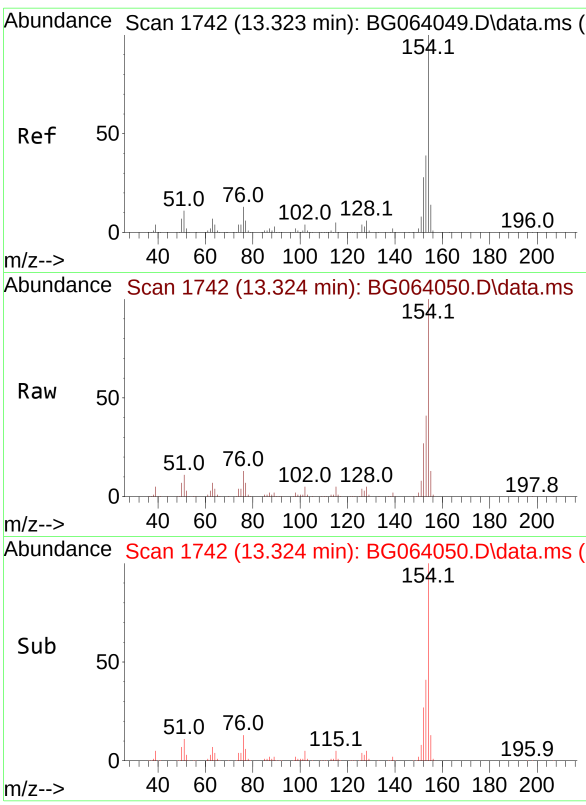
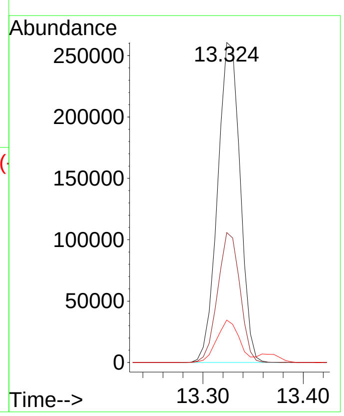




#46
1,1'-Biphenyl
Concen: 48.802 ng
RT: 13.324 min Scan# 1742
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:154 Resp: 407499

Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.5	59.5
76	13.2	0.0	33.5



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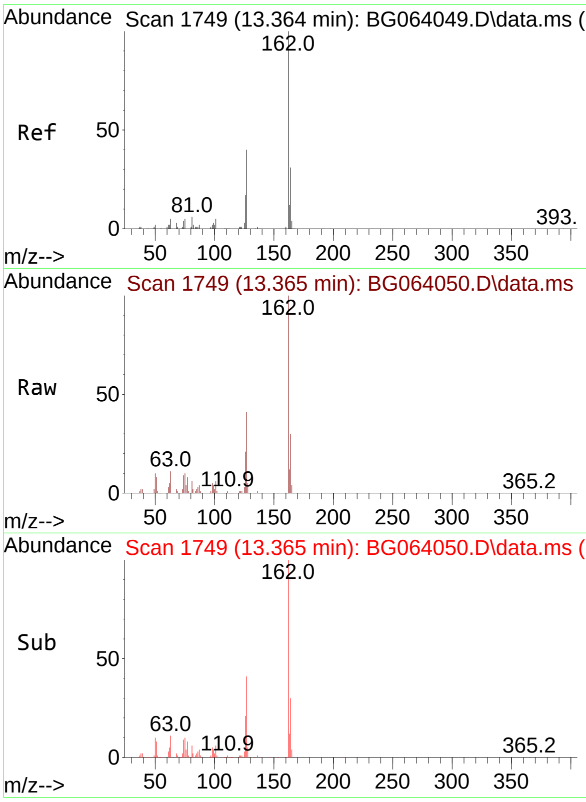

#47
2-Chloronaphthalene
Concen: 49.991 ng
RT: 13.365 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:162 Resp: 30444

Ion	Ratio	Lower	Upper
162	100		
127	41.3	35.0	52.4
164	30.3	25.0	37.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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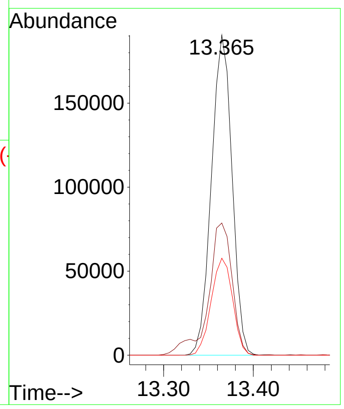
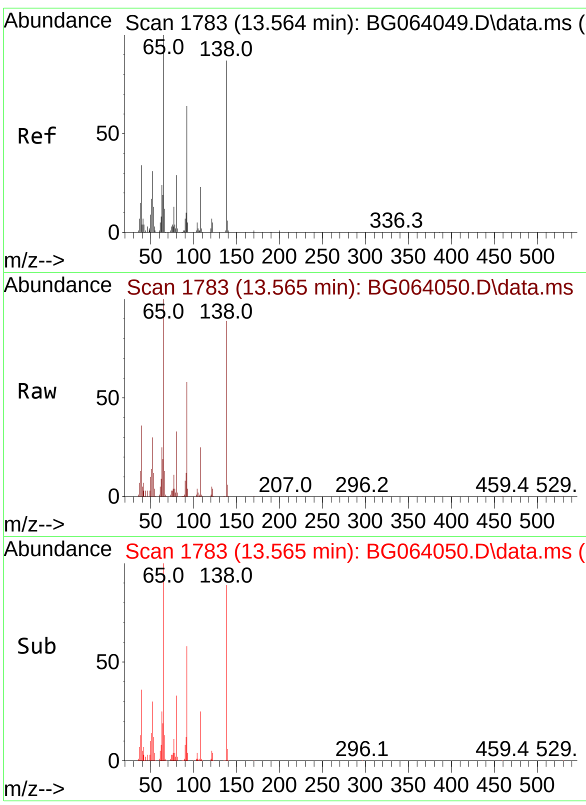
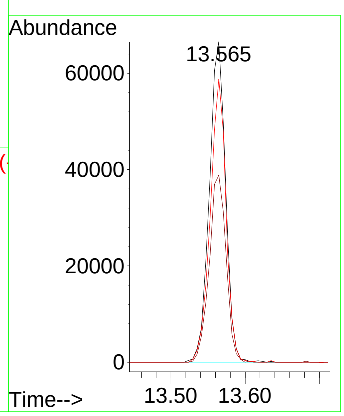




#48
2-Nitroaniline
Concen: 49.852 ng
RT: 13.565 min Scan# 1783
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion: 65 Resp: 101610

Ion	Ratio	Lower	Upper
65	100		
92	58.4	51.2	76.8
138	88.5	69.4	104.2



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Instrument : BNA_G
ClientSampleId : SSTDICC050

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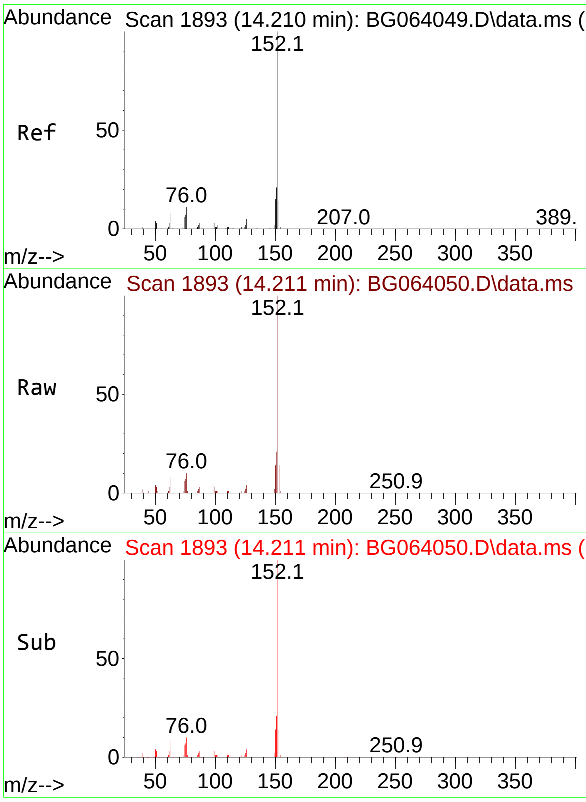
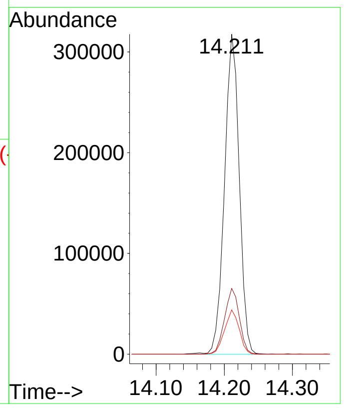
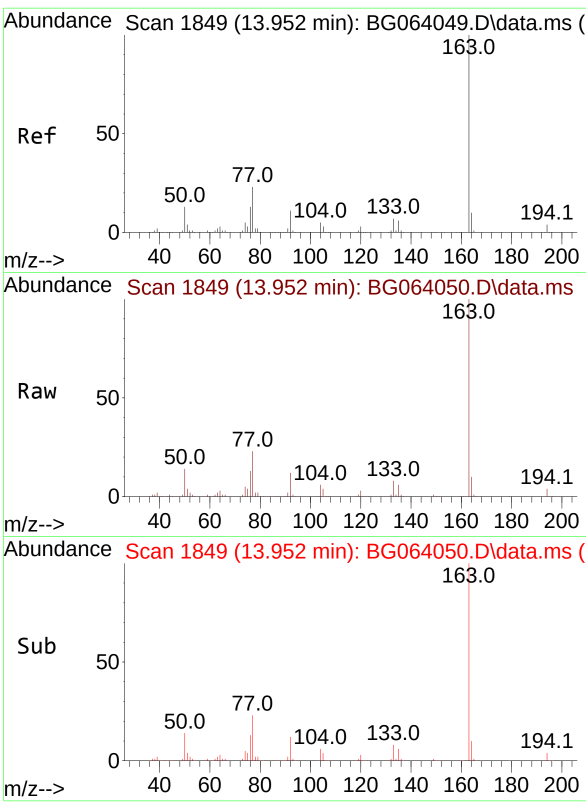


#49
Acenaphthylene
Concen: 49.779 ng
RT: 14.211 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:152 Resp: 47949

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6
153	13.8	10.9	16.3

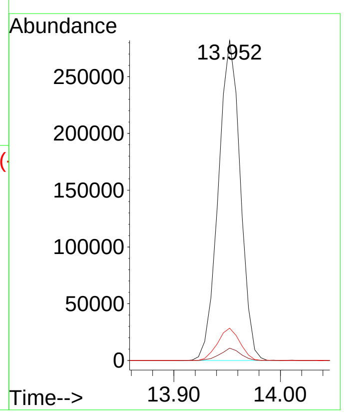




#50
Dimethylphthalate
Concen: 49.555 ng
RT: 13.952 min Scan# 1849
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:163 Resp: 404288

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.1	8.2	12.2



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Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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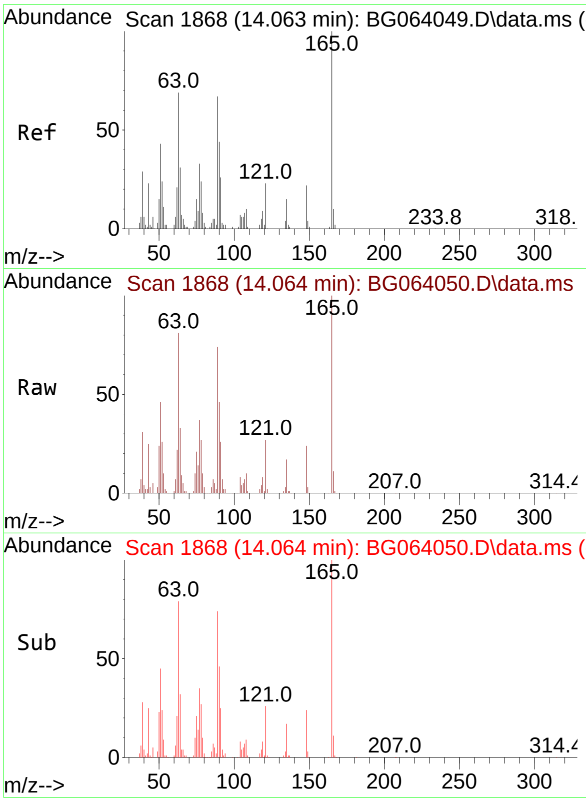
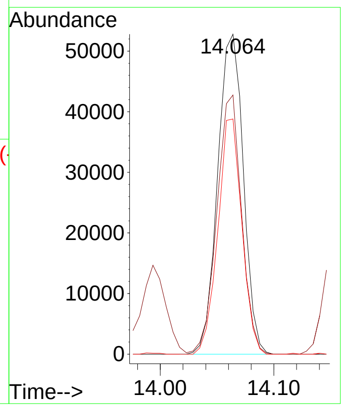
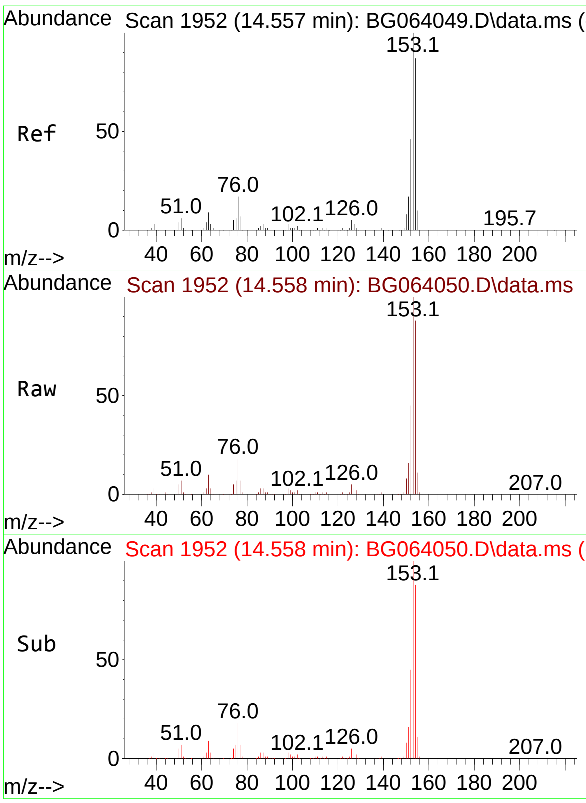


#51
2,6-Dinitrotoluene
Concen: 49.957 ng
RT: 14.064 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:165 Resp: 8292

Ion	Ratio	Lower	Upper
165	100		
63	81.0	56.7	85.1
89	73.5	53.7	80.5

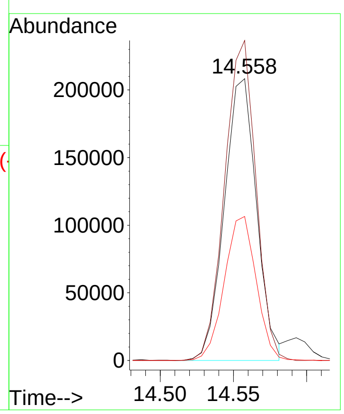




#52
Acenaphthene
Concen: 49.442 ng m
RT: 14.558 min Scan# 1952
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:154 Resp: 320276

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.6	137.4
152	51.1	42.5	63.7



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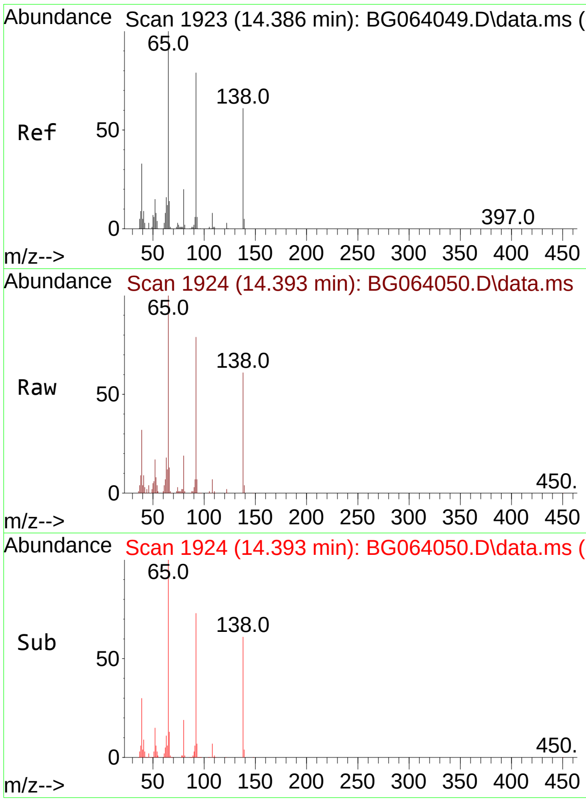

#53
3-Nitroaniline
Concen: 54.830 ng
RT: 14.393 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:138 Resp: 8645

Ion	Ratio	Lower	Upper
138	100		
108	11.7	10.1	15.1
92	130.4	104.1	156.1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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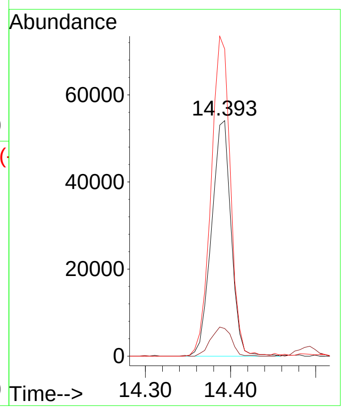
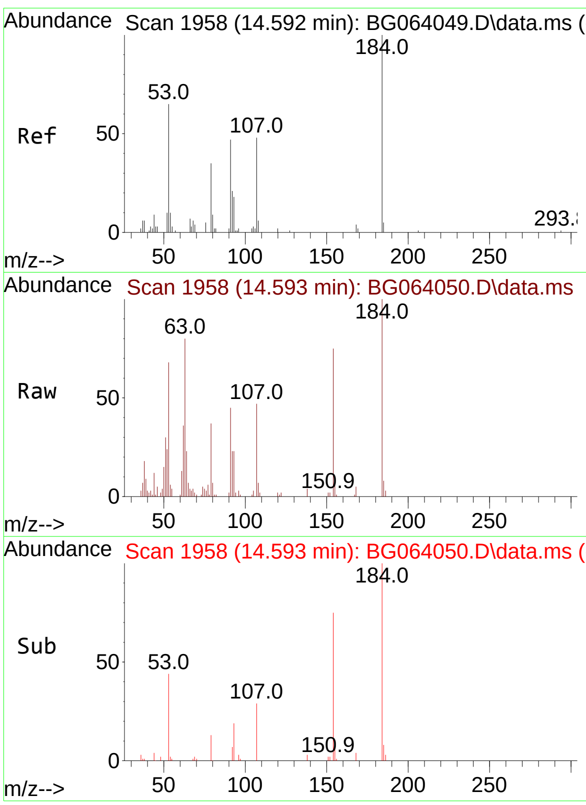
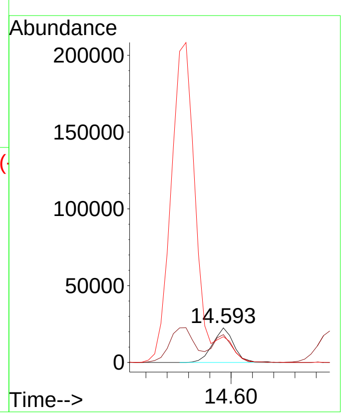




#54
2,4-Dinitrophenol
Concen: 48.003 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:184 Resp: 30713

Ion	Ratio	Lower	Upper
184	100		
63	80.4	57.5	86.3
154	74.7	52.3	78.5



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Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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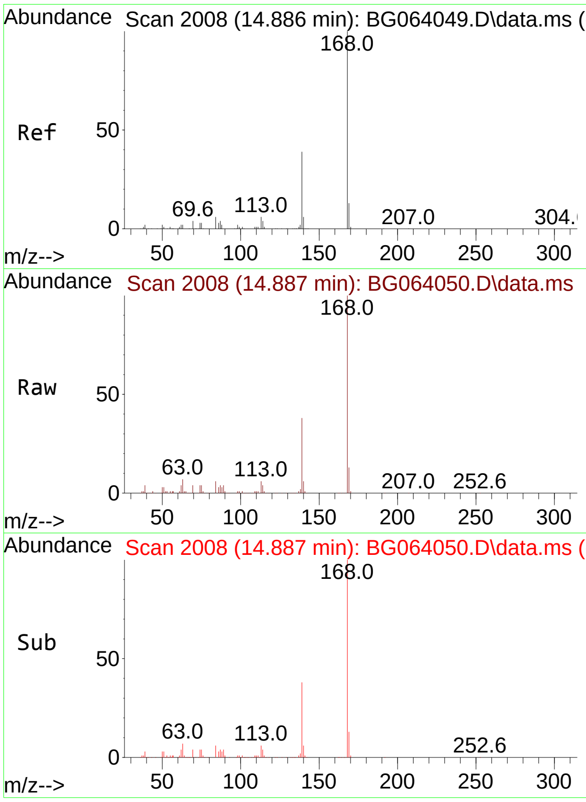
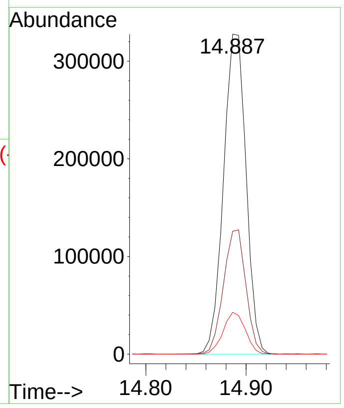
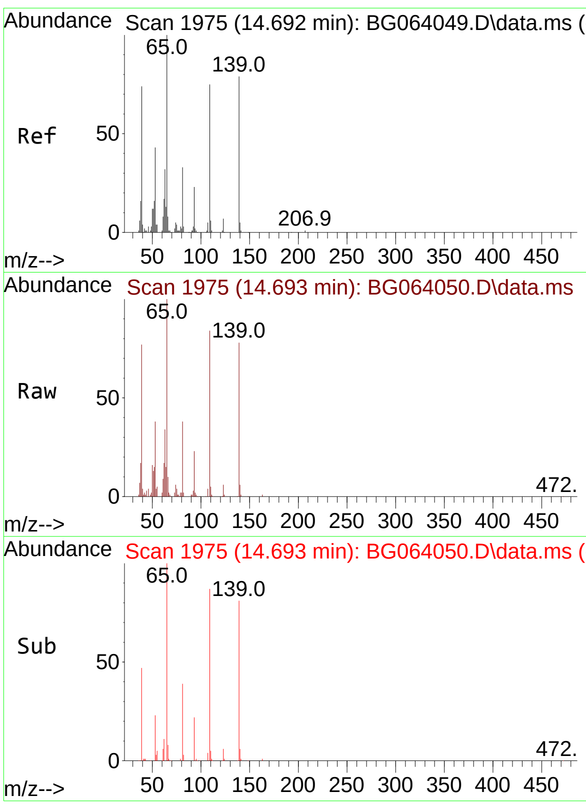


#55
Dibenzofuran
Concen: 48.883 ng
RT: 14.887 min Scan# 2(
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:168 Resp: 51192

Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.1	46.7
169	13.1	10.5	15.7

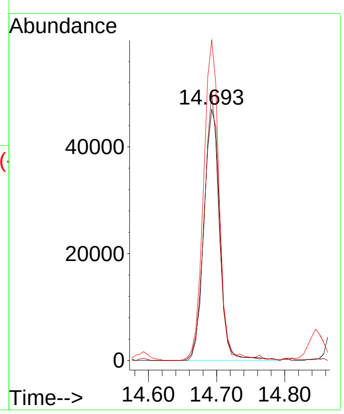




#56
4-Nitrophenol
Concen: 58.485 ng
RT: 14.693 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:139 Resp: 77342

Ion	Ratio	Lower	Upper
139	100		
109	106.8	74.9	114.9
65	127.5	106.8	146.8



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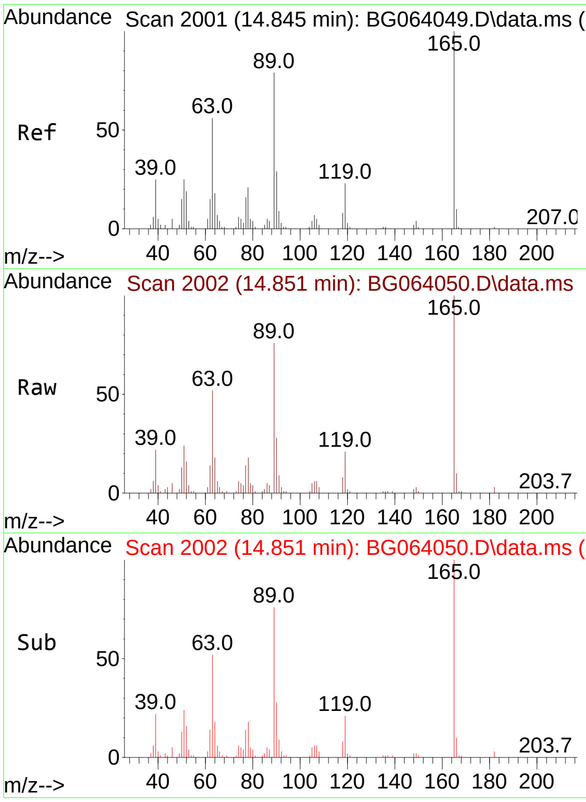
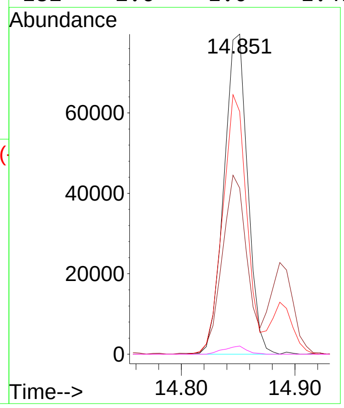


#57
2,4-Dinitrotoluene
Concen: 50.361 ng
RT: 14.851 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:165 Resp: 11545

Ion	Ratio	Lower	Upper
165	100		
63	51.9	45.0	67.6
89	75.8	63.1	94.7
182	2.6	1.0	1.4#



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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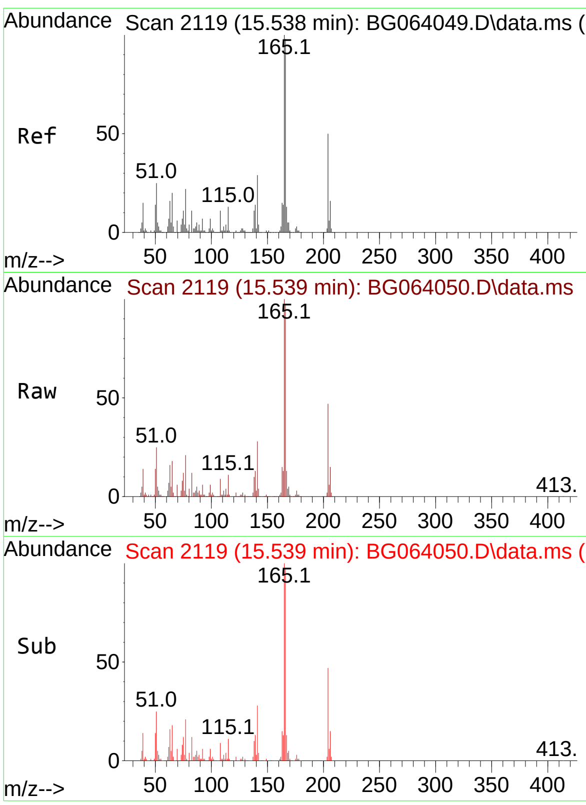
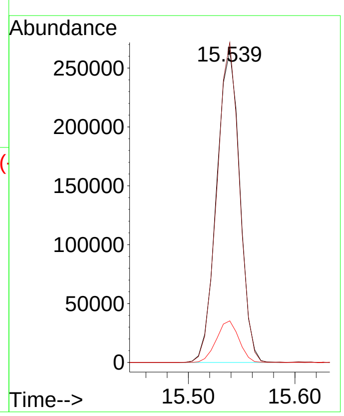


#58
Fluorene
Concen: 49.182 ng
RT: 15.539 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:166 Resp: 401156

Ion	Ratio	Lower	Upper
166	100		
165	102.7	81.8	122.8
167	13.4	10.8	16.2



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Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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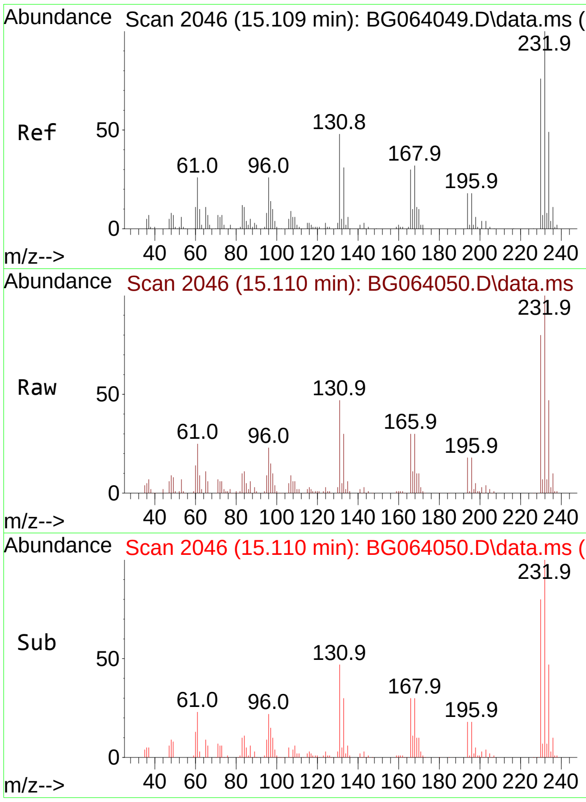
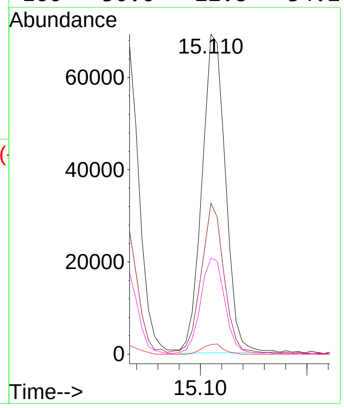
Supervised By :mohammad ahmed 03/07/2025

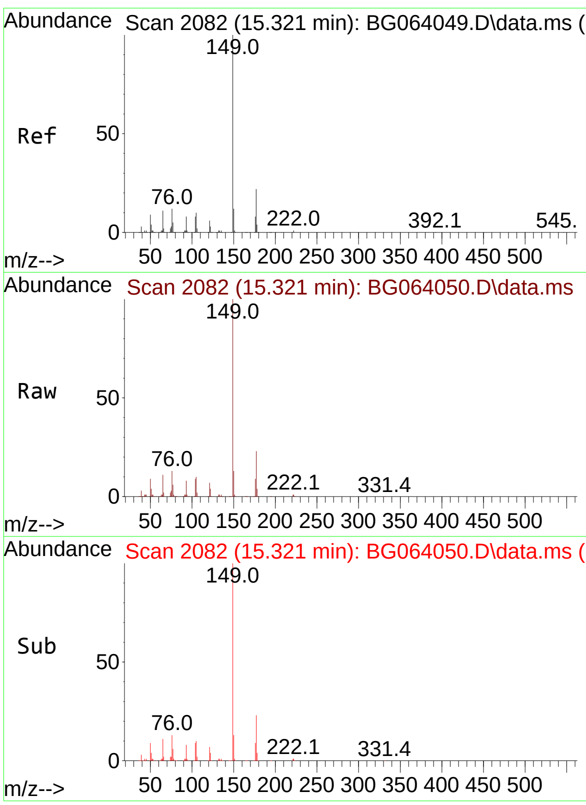


#59
2,3,4,6-Tetrachlorophenol
Concen: 52.772 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:232 Resp: 10630

Ion	Ratio	Lower	Upper
232	100		
131	45.8	36.3	54.5
130	2.9	1.9	2.9
166	30.6	22.8	34.2

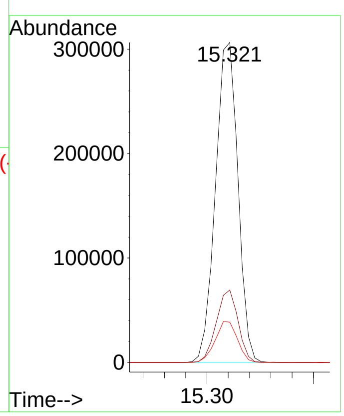




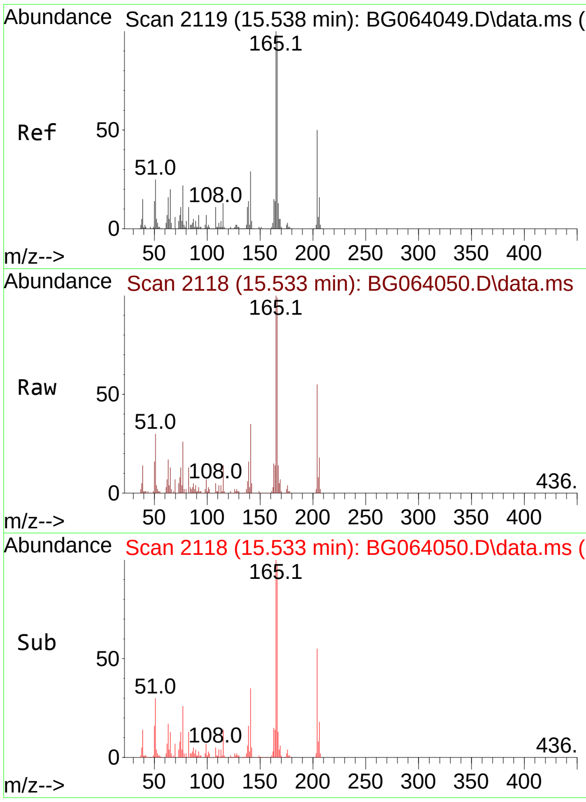
#60
Diethylphthalate
Concen: 50.673 ng
RT: 15.321 min Scan# 2082
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:149 Resp: 448796

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	12.6	9.4	14.2



ICAL Form



#61
4-Chlorophenyl-phenylether
Concen: 48.525 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 19668

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.5	38.3
141	64.7	45.4	68.0

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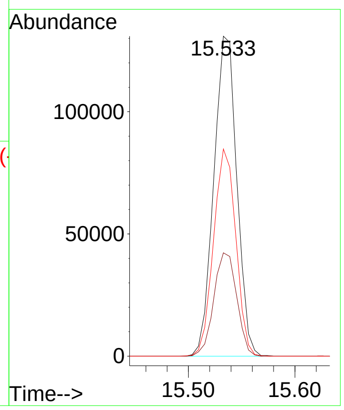
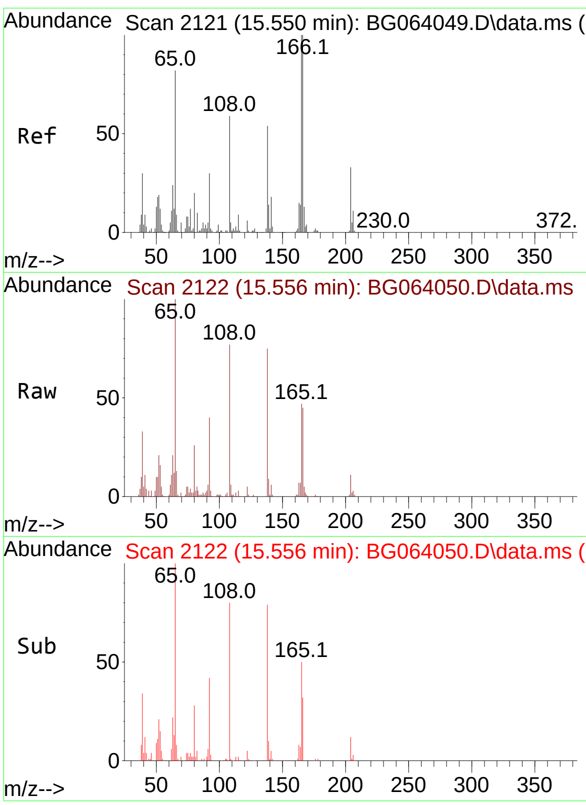
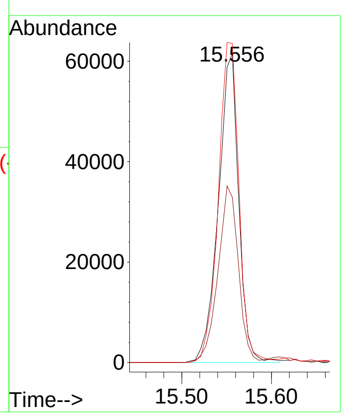




#62
4-Nitroaniline
Concen: 56.899 ng
RT: 15.556 min Scan# 2122
Delta R.T. 0.007 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:138 Resp: 96864

Ion	Ratio	Lower	Upper
138	100		
92	53.5	36.1	76.1
108	103.2	87.9	127.9



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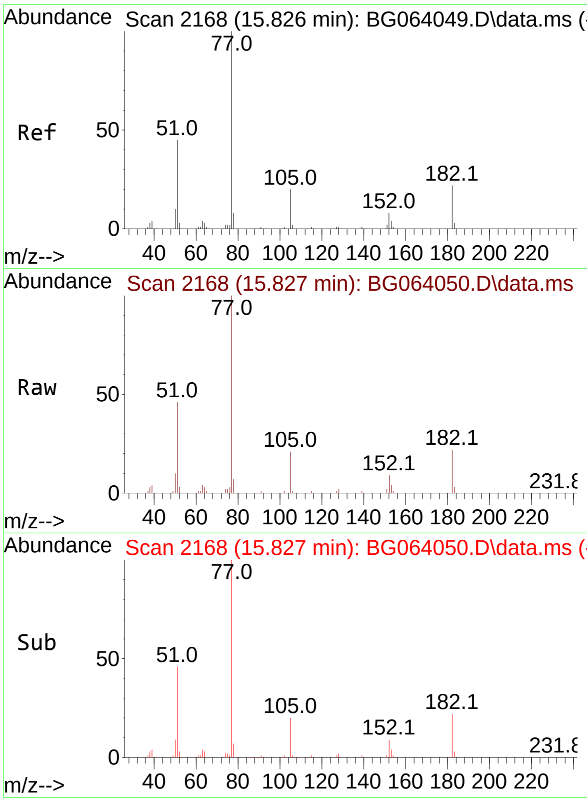

#63
Azobenzene
Concen: 49.712 ng
RT: 15.827 min   Scan# 2
Delta R.T.   0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025   12:23

Tgt Ion: 77 Resp: 46983

Ion	Ratio	Lower	Upper
77	100		
182	22.3	2.4	42.4
105	20.7	0.0	40.0
51	46.3	24.9	64.9

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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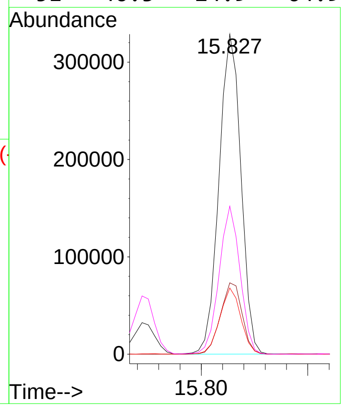
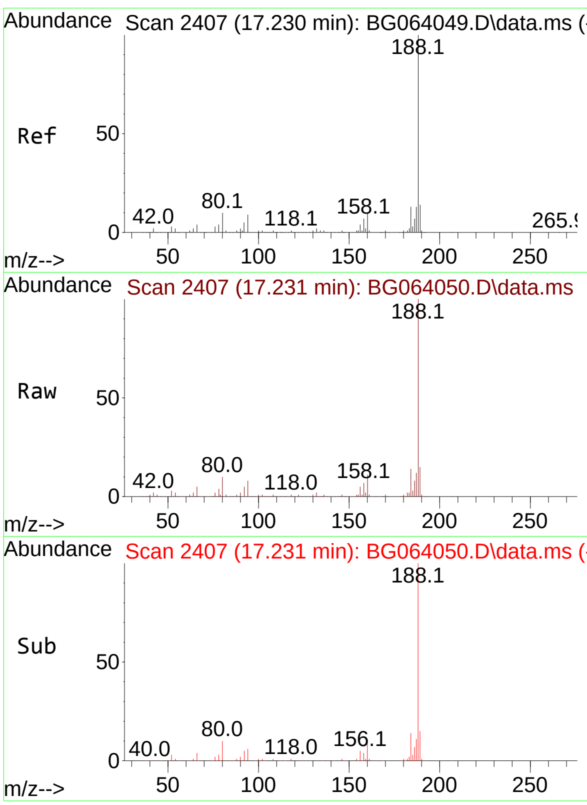
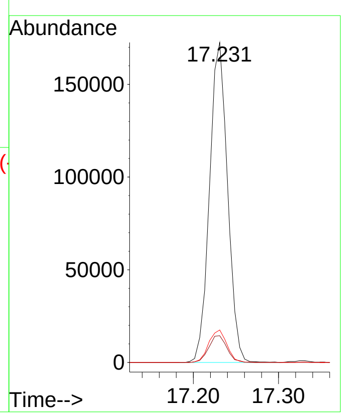




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.231 min   Scan# 2407
Delta R.T.   0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025   12:23

Tgt Ion:188 Resp: 254221

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	10.1	8.1	12.1



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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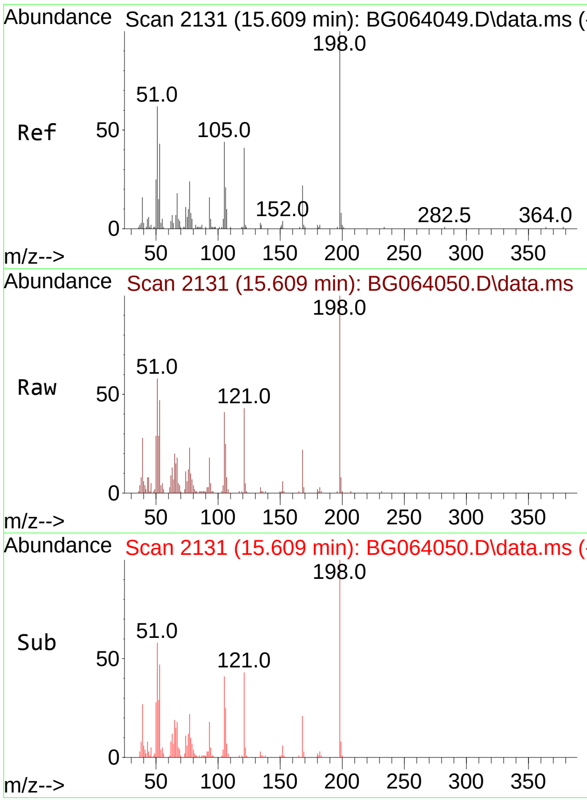
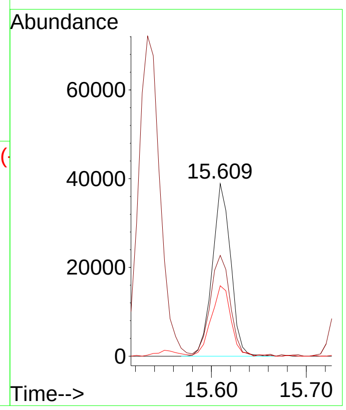
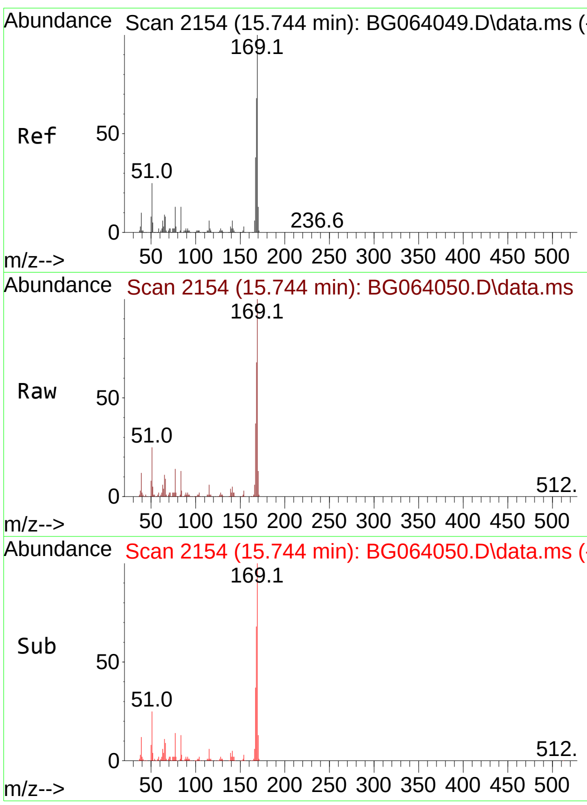


#65
4,6-Dinitro-2-methylphenol
Concen: 47.566 ng
RT: 15.609 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:198 Resp: 5214

Ion	Ratio	Lower	Upper
198	100		
51	58.5	45.6	85.6
105	40.9	25.3	65.3

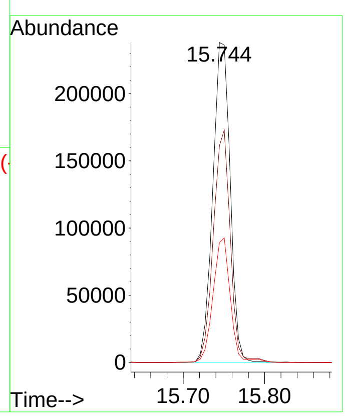


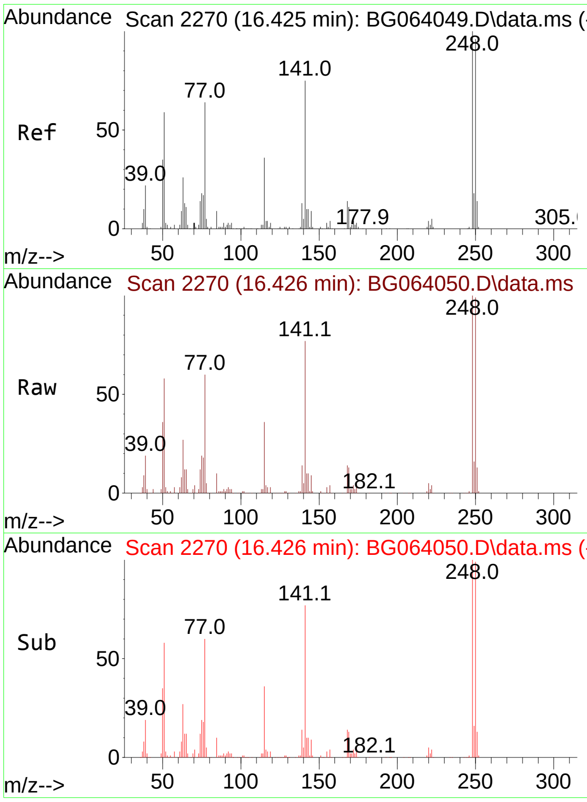


#66
n-Nitrosodiphenylamine
Concen: 49.240 ng
RT: 15.744 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:169 Resp: 354329

Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.1	81.1
167	37.4	30.3	45.5





#67
4-Bromophenyl-phenylether
Concen: 48.903 ng
RT: 16.426 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 127329

Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.1	115.7
141	76.8	59.8	89.8

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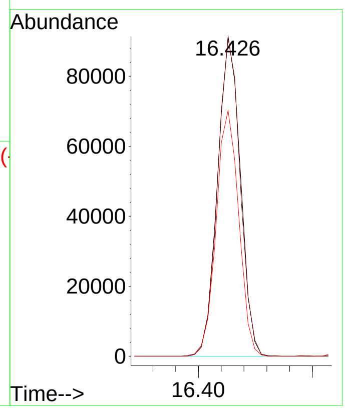
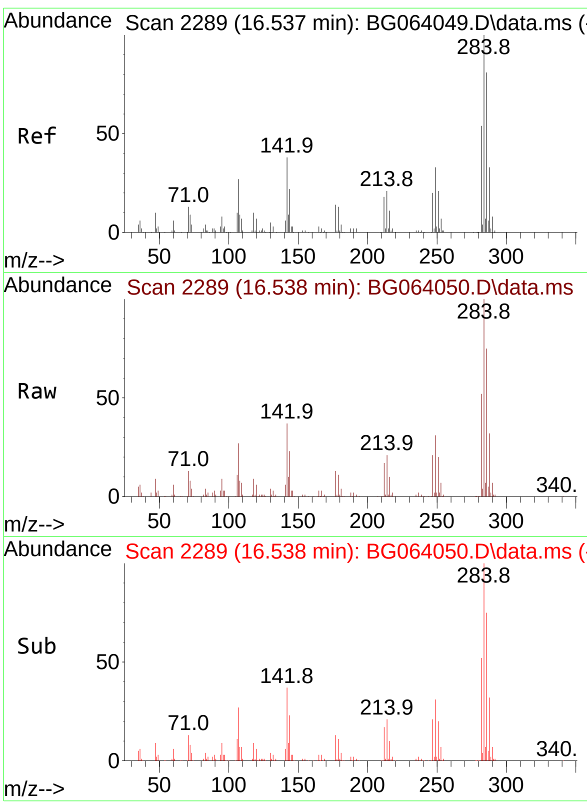
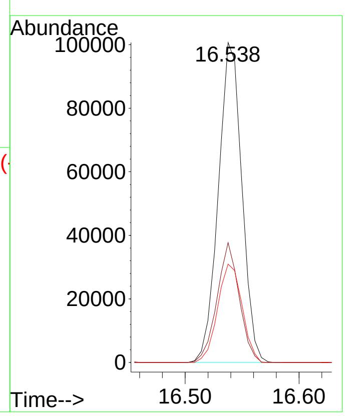


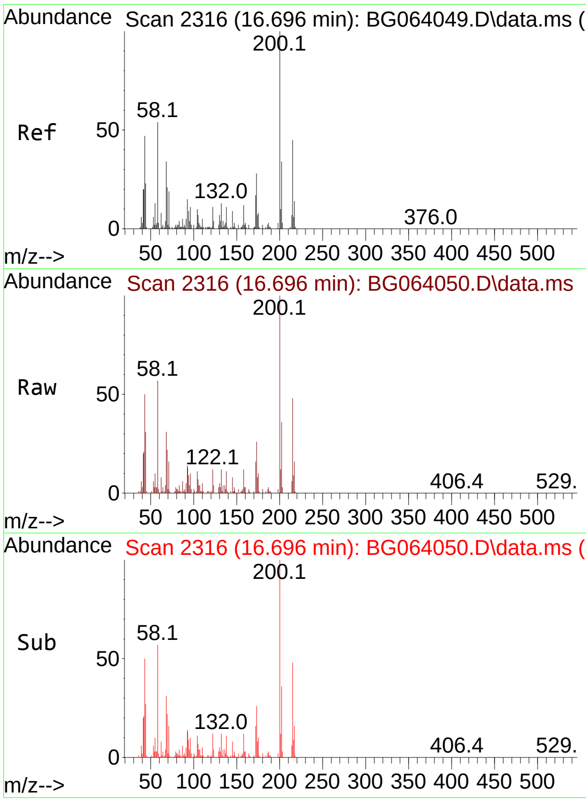


#68
Hexachlorobenzene
Concen: 49.646 ng
RT: 16.538 min Scan# 2289
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:284 Resp: 144717

Ion	Ratio	Lower	Upper
284	100		
142	37.4	30.6	45.8
249	30.7	26.6	39.8





#69
Atrazine
Concen: 38.632 ng
RT: 16.696 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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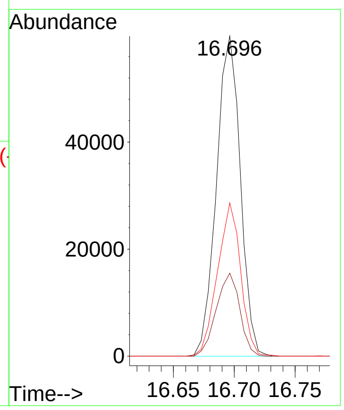
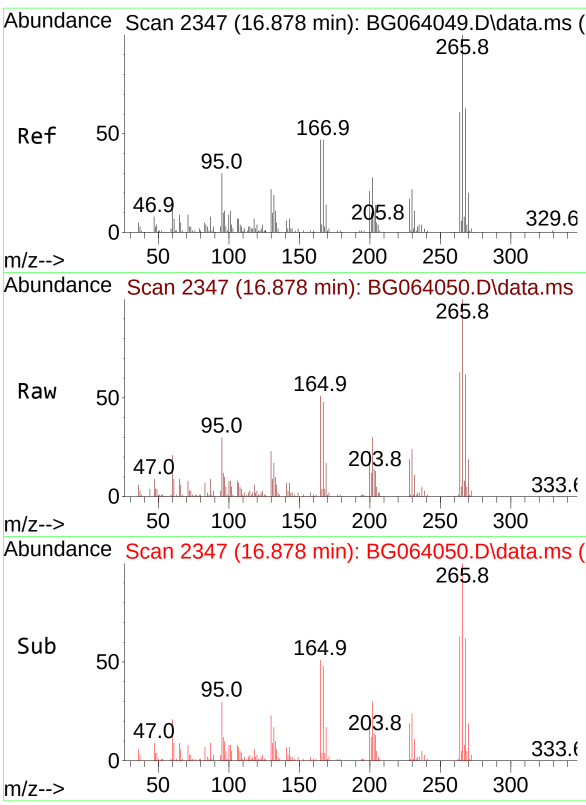
Tgt Ion:200 Resp: 8179

Ion	Ratio	Lower	Upper
200	100		
173	26.0	8.2	48.2
215	47.9	25.5	65.5

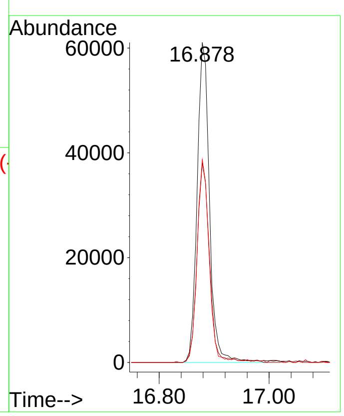


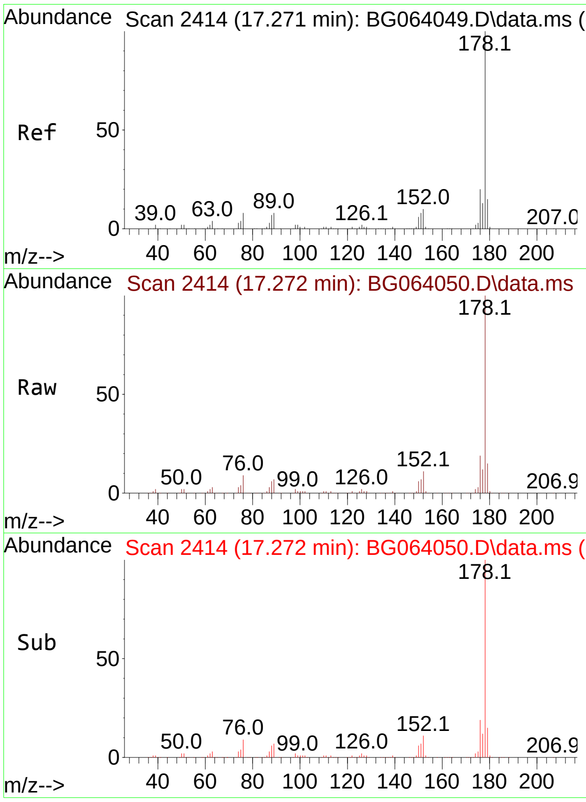


#70
Pentachlorophenol
Concen: 52.943 ng
RT: 16.878 min Scan# 2347
Delta R.T. 0.000 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:266 Resp: 95820

Ion	Ratio	Lower	Upper
266	100		
268	62.2	50.2	75.4
264	63.5	48.9	73.3





#71
Phenanthrene
Concen: 49.395 ng
RT: 17.272 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:178 Resp: 66977

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.1	12.2	18.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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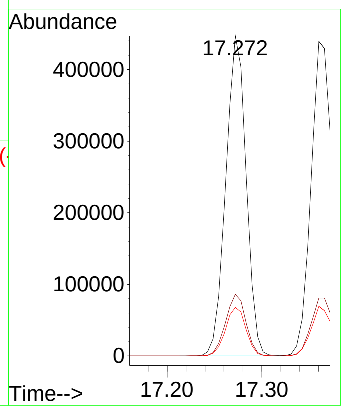
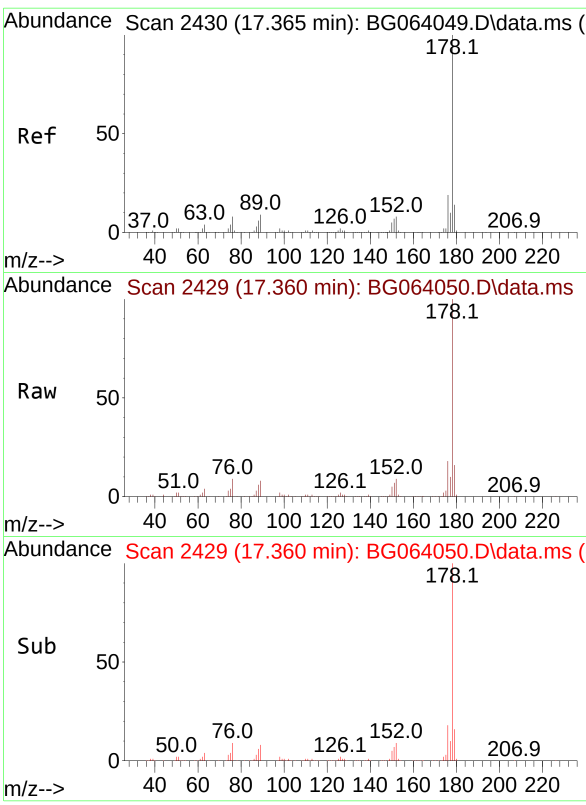
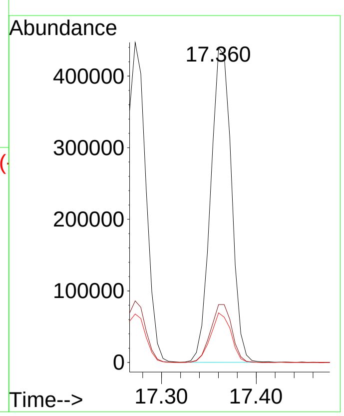


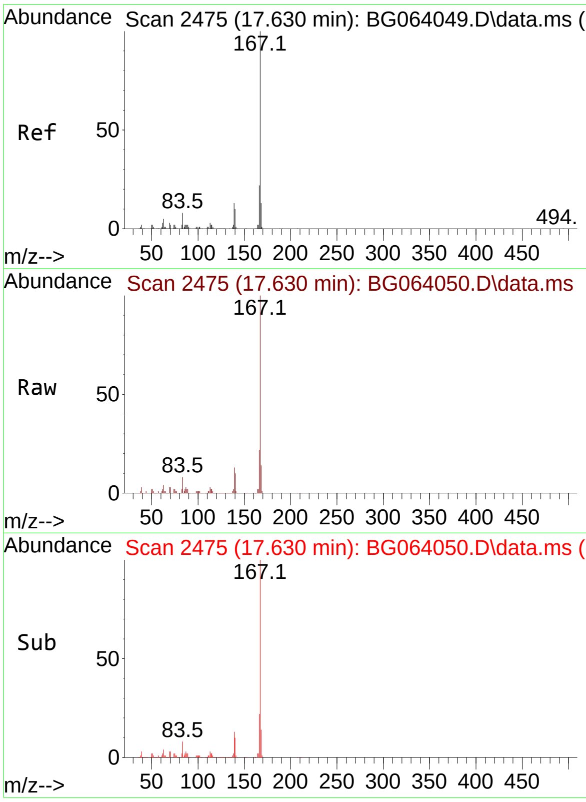


#72
Anthracene
Concen: 49.714 ng
RT: 17.360 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:178 Resp: 670298

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.8	11.5	17.3





#73
Carbazole
Concen: 50.853 ng
RT: 17.630 min   Scan# 24
Delta R.T.   0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025   12:23

Tgt Ion:167 Resp: 640167

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	12.9	10.6	15.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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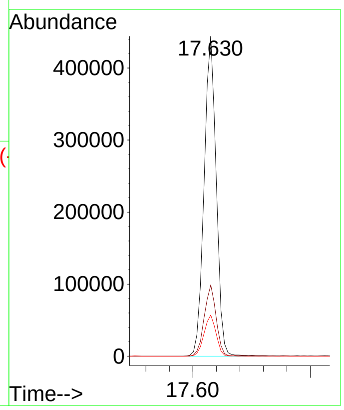
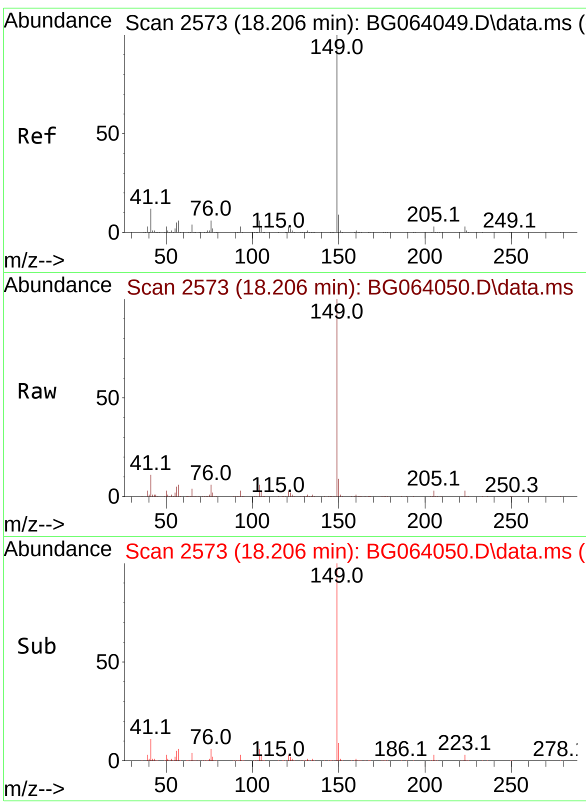
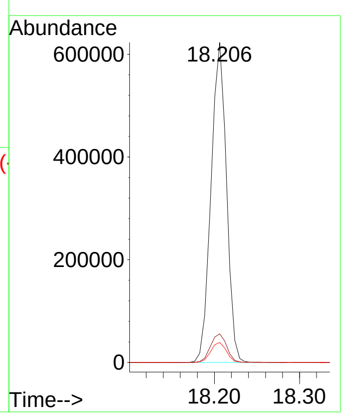


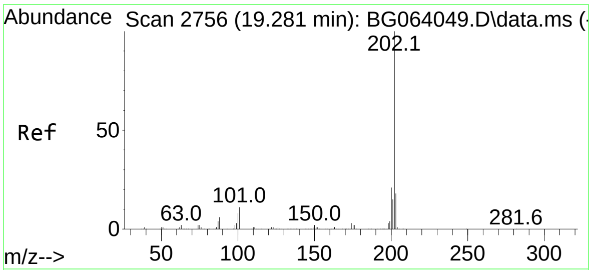


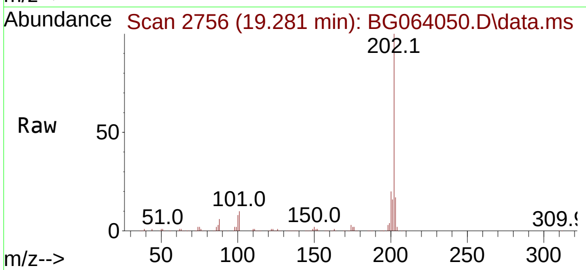
#74
Di-n-butylphthalate
Concen: 53.009 ng
RT: 18.206 min   Scan# 2573
Delta R.T.   0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025   12:23

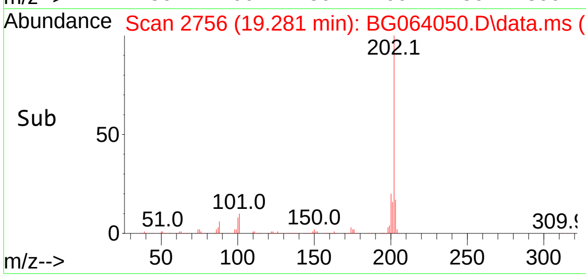
Tgt Ion:149 Resp: 785487

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	6.3	5.0	7.6









#75
Fluoranthene
Concen: 50.454 ng
RT: 19.281 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:202 Resp: 82476

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.5
203	17.4	0.0	38.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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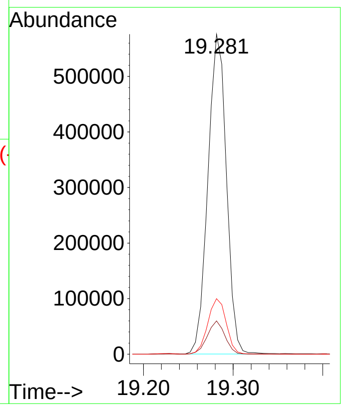
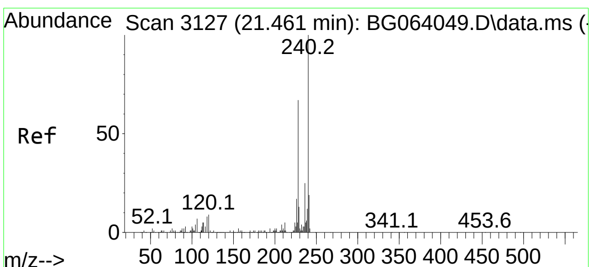
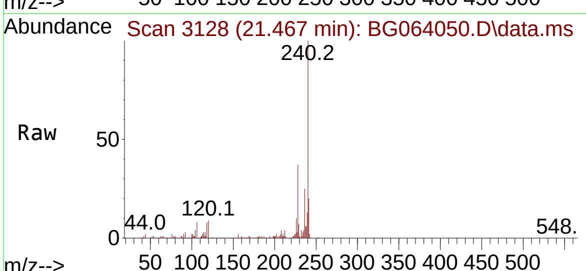
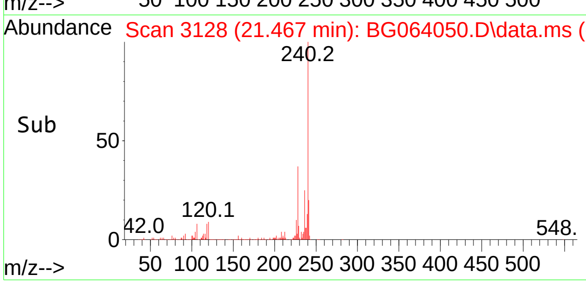




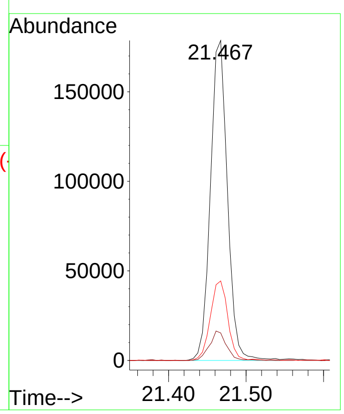




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.467 min Scan# 3128
Delta R.T. 0.007 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:240 Resp: 272579

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.2	10.8
236	24.8	20.2	30.2



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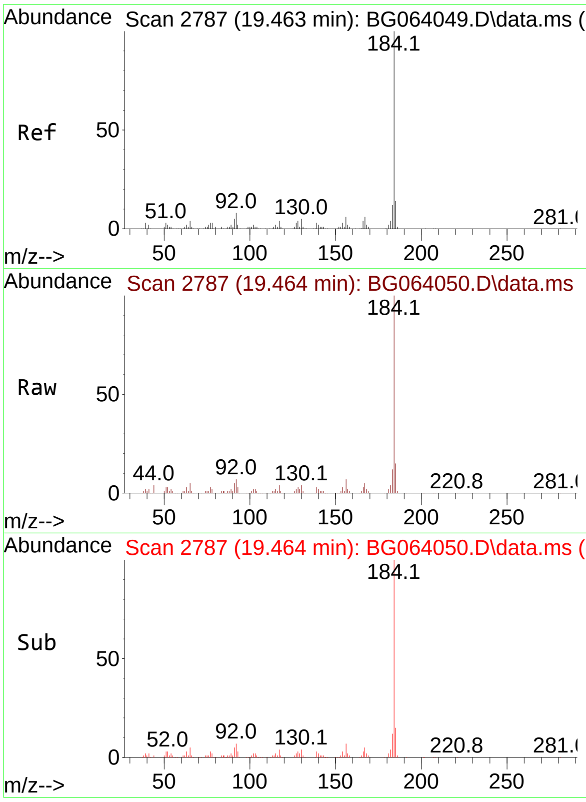
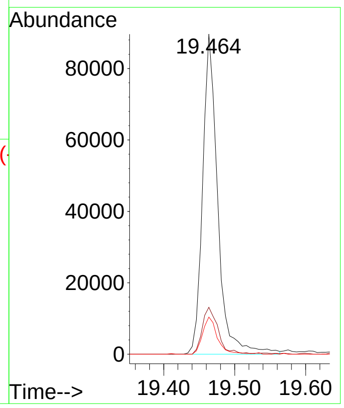


#77
Benzidine
Concen: 34.790 ng
RT: 19.464 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:184 Resp: 13312

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.3	16.9
183	11.6	9.5	14.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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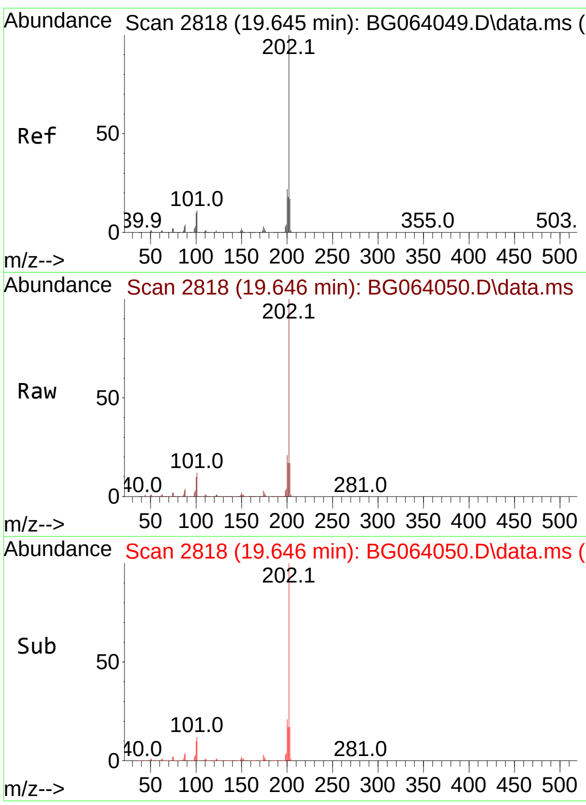
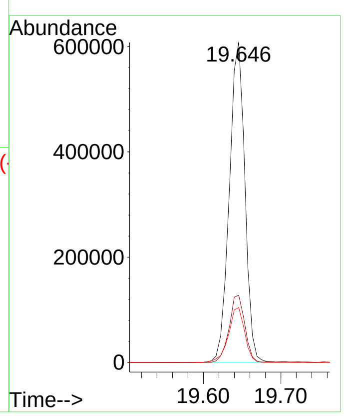


#78
Pyrene
Concen: 48.636 ng
RT: 19.646 min Scan# 2818
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:202 Resp: 854585

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.3	25.9
203	17.1	13.6	20.4



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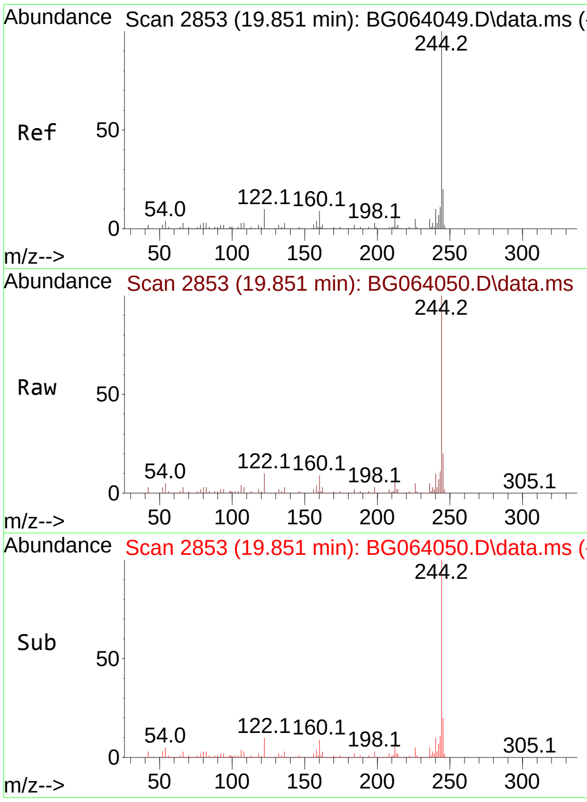
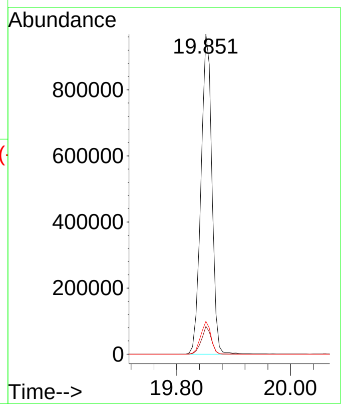


#79
Terphenyl-d14
Concen: 95.415 ng
RT: 19.851 min Scan# 28
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

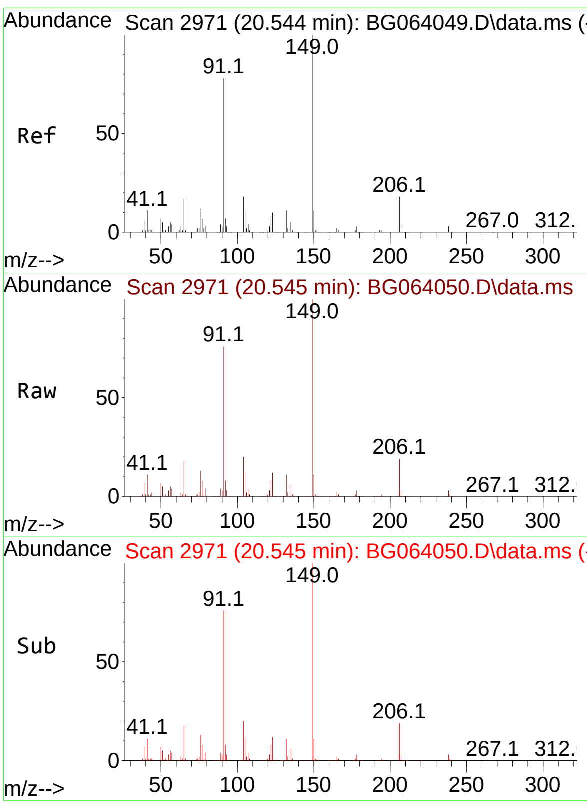
Tgt Ion:244 Resp: 128626

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.2	9.4
122	10.3	8.0	12.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

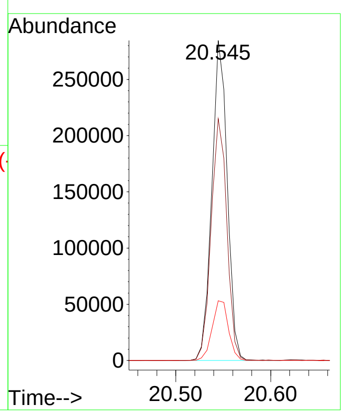
Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

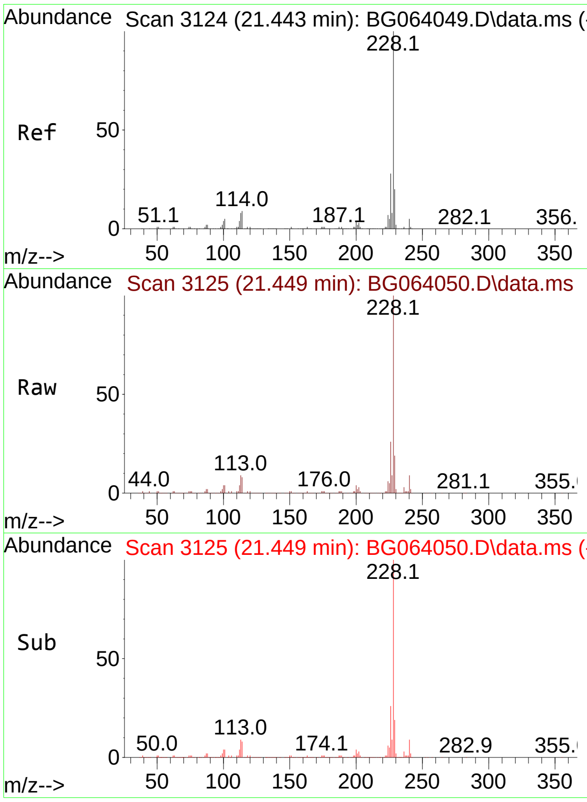


#80
Butylbenzylphthalate
Concen: 48.794 ng
RT: 20.545 min Scan# 2971
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:149 Resp: 322148

Ion	Ratio	Lower	Upper
149	100		
91	75.5	62.0	93.0
206	18.6	14.6	21.8

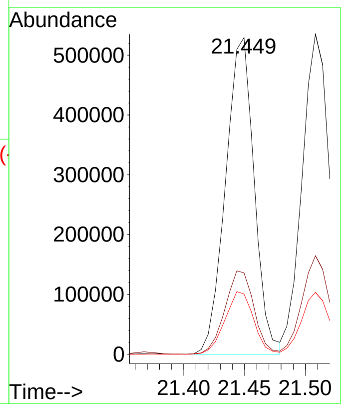




#81
Benzo(a)anthracene
Concen: 49.769 ng
RT: 21.449 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:228 Resp: 86899

Ion	Ratio	Lower	Upper
228	100		
226	25.7	22.2	33.2
229	19.0	16.4	24.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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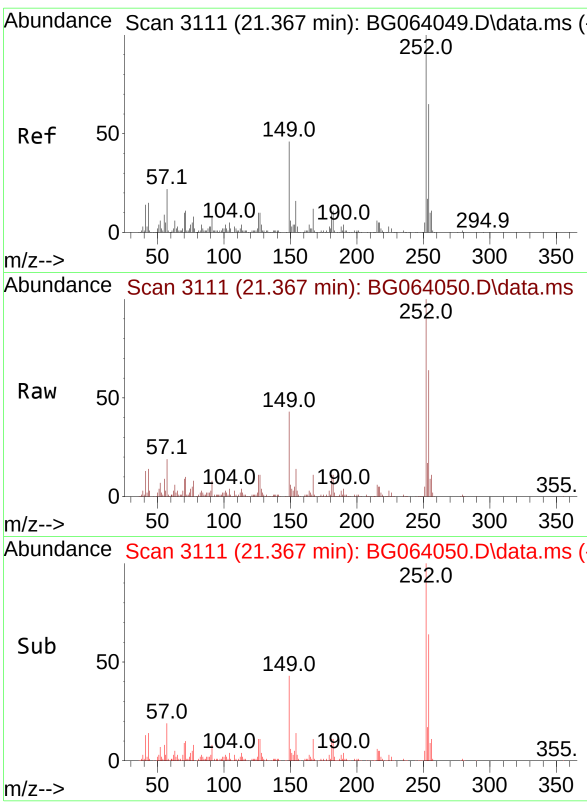
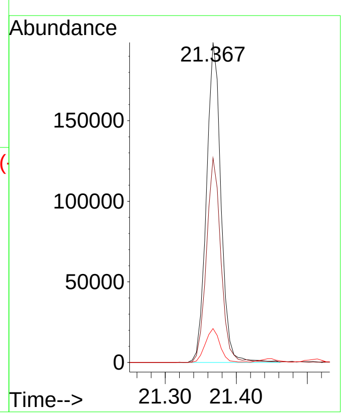


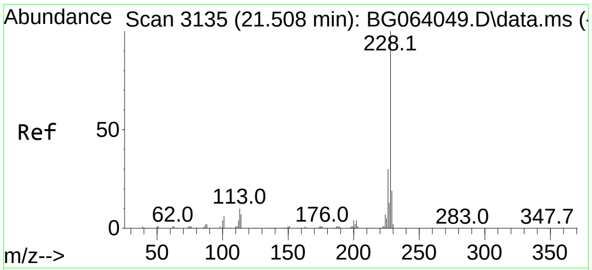
#82
3,3'-Dichlorobenzidine
Concen: 50.177 ng
RT: 21.367 min Scan# 3111
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

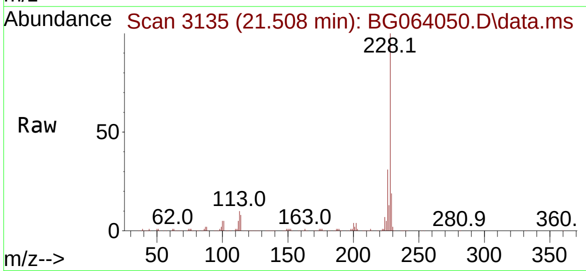
Tgt Ion:252 Resp: 283543

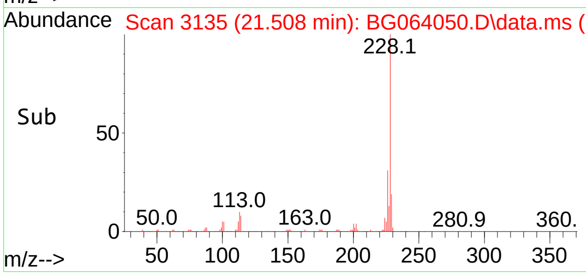
Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.1	78.1
126	10.6	7.8	11.8



ICAL Form



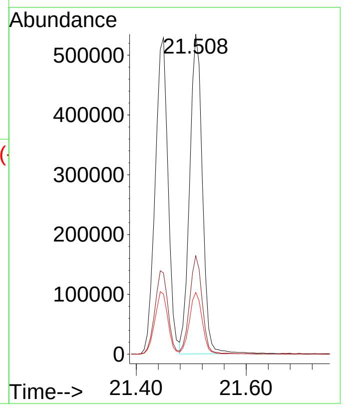




#83
Chrysene
Concen: 49.437 ng
RT: 21.508 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:228 Resp: 86092

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	19.3	15.3	22.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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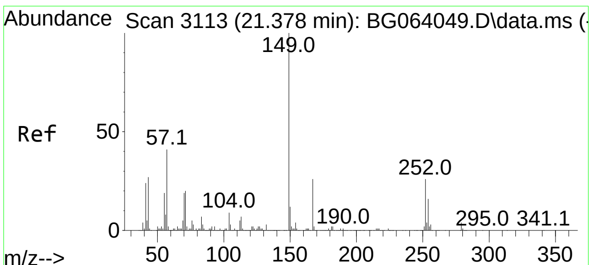
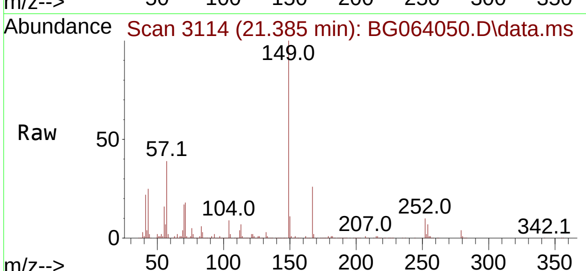
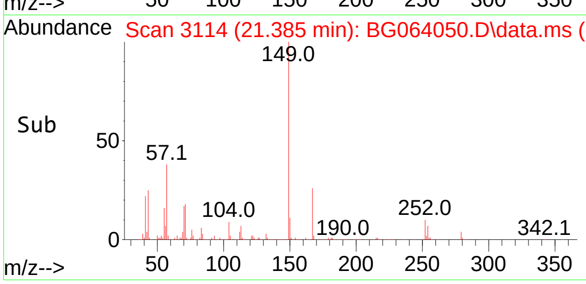


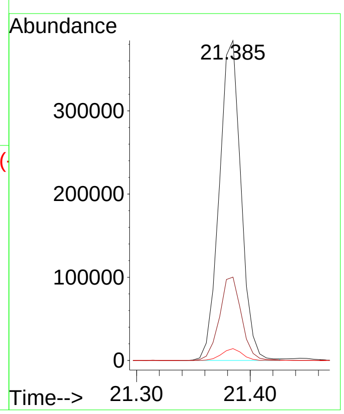


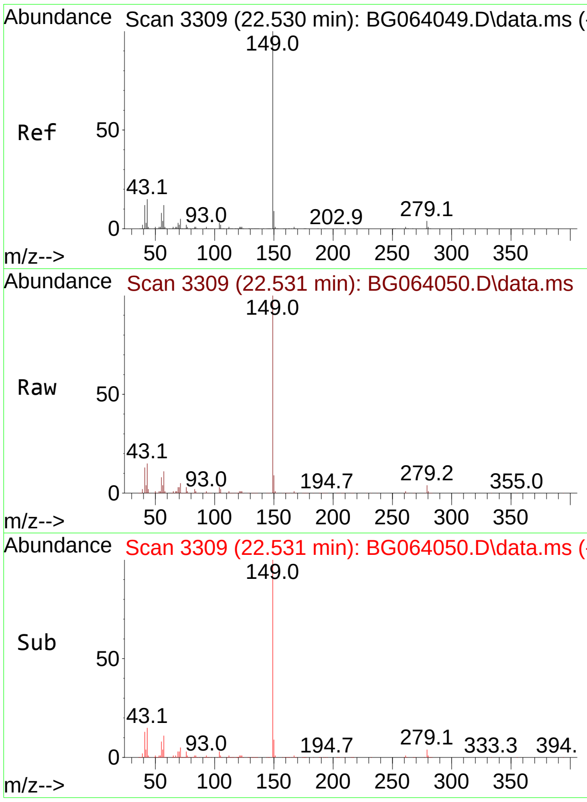


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.210 ng
RT: 21.385 min Scan# 3114
Delta R.T. 0.007 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:149 Resp: 511903

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.6
279	3.7	2.8	4.2

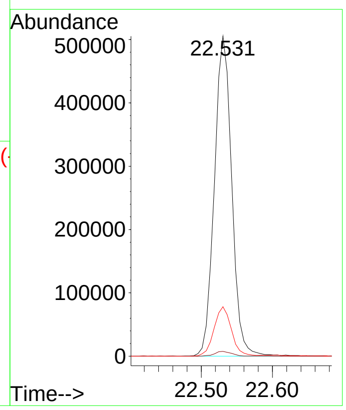




#85
Di-n-octyl phthalate
Concen: 52.538 ng
RT: 22.531 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:149 Resp: 85572

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	15.6	12.6	19.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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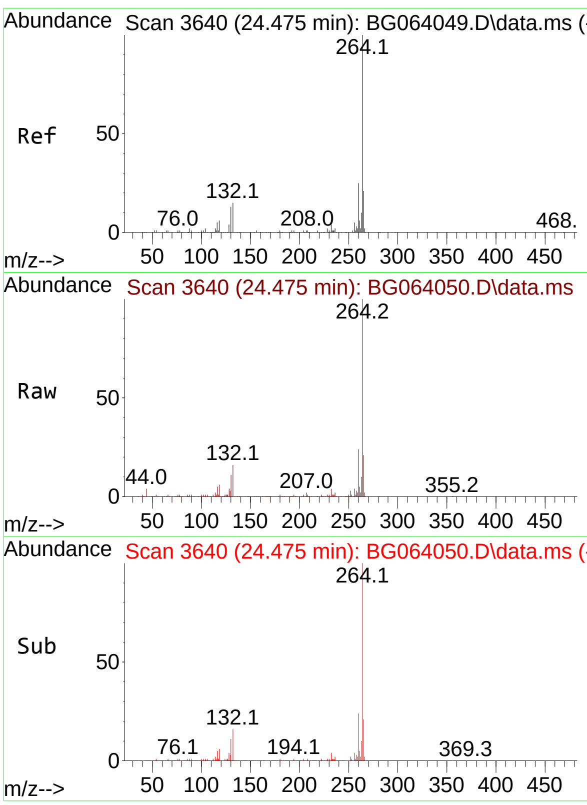
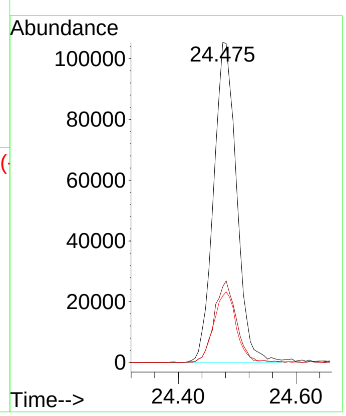


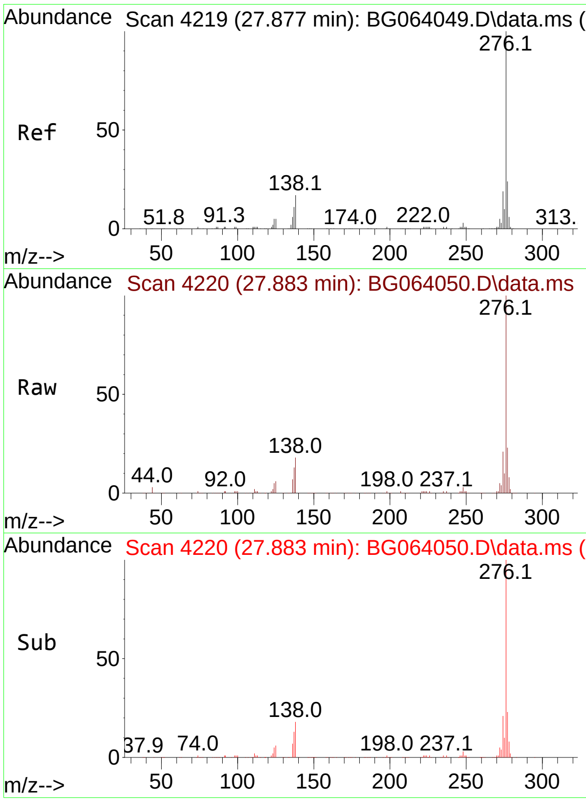
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.475 min Scan# 3640
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:264 Resp: 286555

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	20.8	16.6	25.0



ICAL Form



#87
Indeno(1,2,3-cd)pyrene
Concen: 50.610 ng
RT: 27.883 min Scan# 4
Delta R.T. 0.007 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 97033

Ion	Ratio	Lower	Upper
276	100		
138	13.2	12.1	18.1
277	25.3	20.0	30.0

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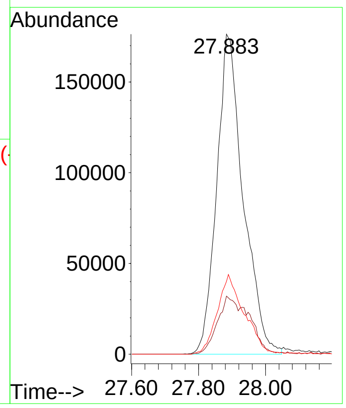
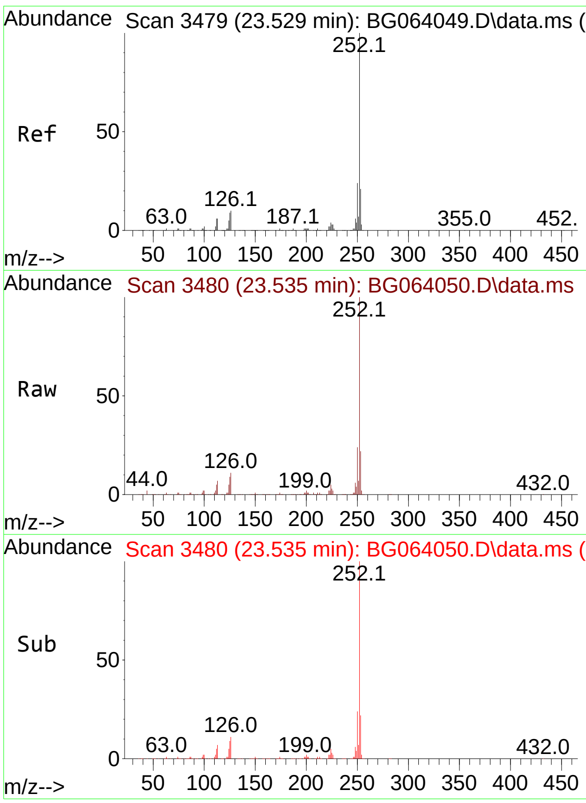
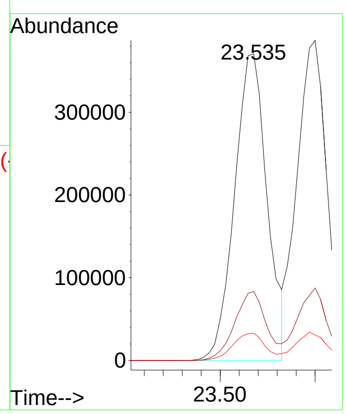




#88
Benzo(b)fluoranthene
Concen: 50.946 ng
RT: 23.535 min Scan# 3480
Delta R.T. 0.007 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:252 Resp: 882554

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	8.9	7.4	11.2



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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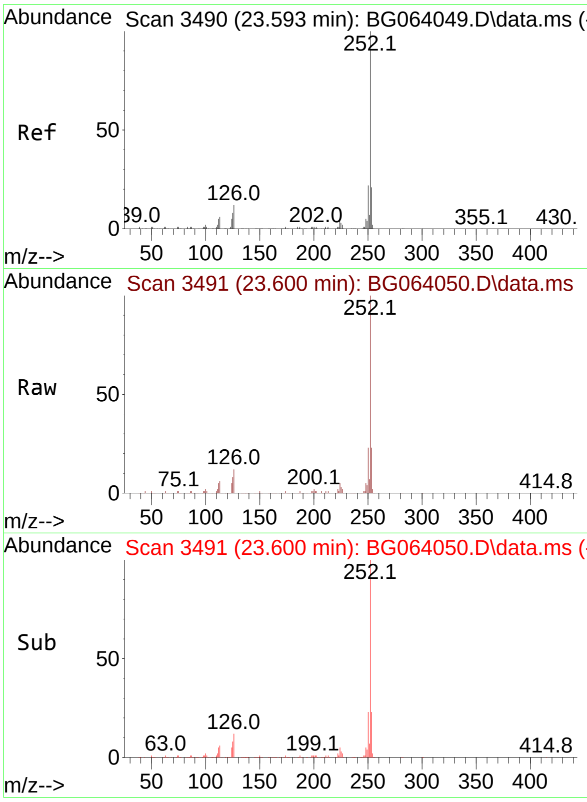
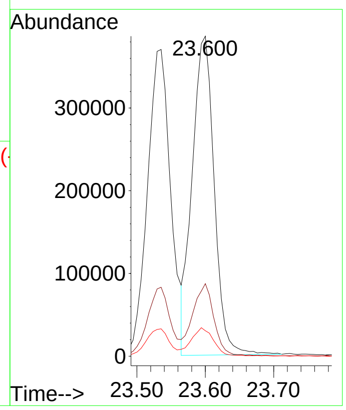
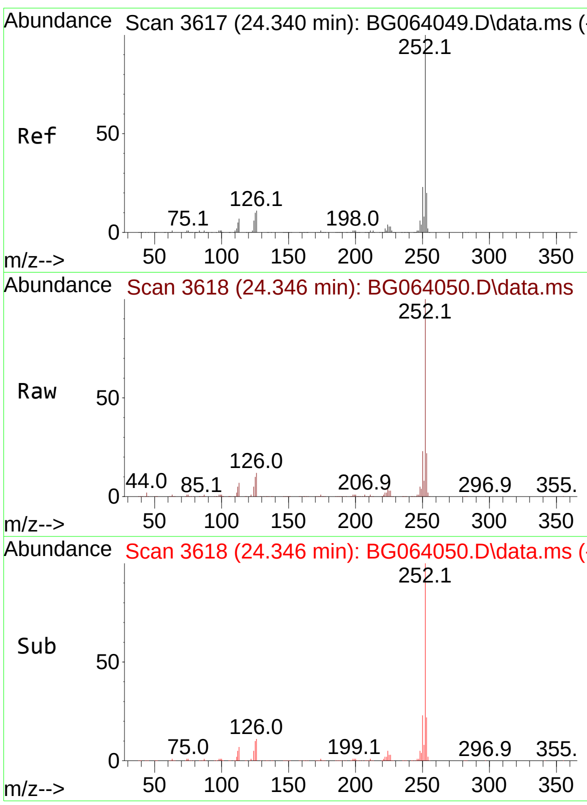


#89
Benzo(k)fluoranthene
Concen: 49.673 ng
RT: 23.600 min Scan# 34
Delta R.T. 0.007 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:252 Resp: 86326

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.8	25.2
125	8.0	6.9	10.3

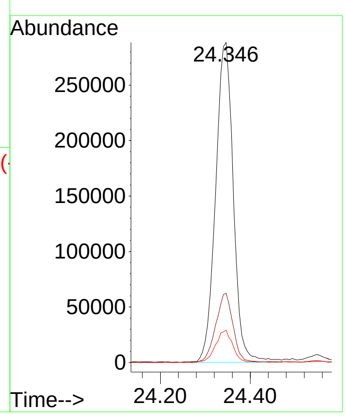


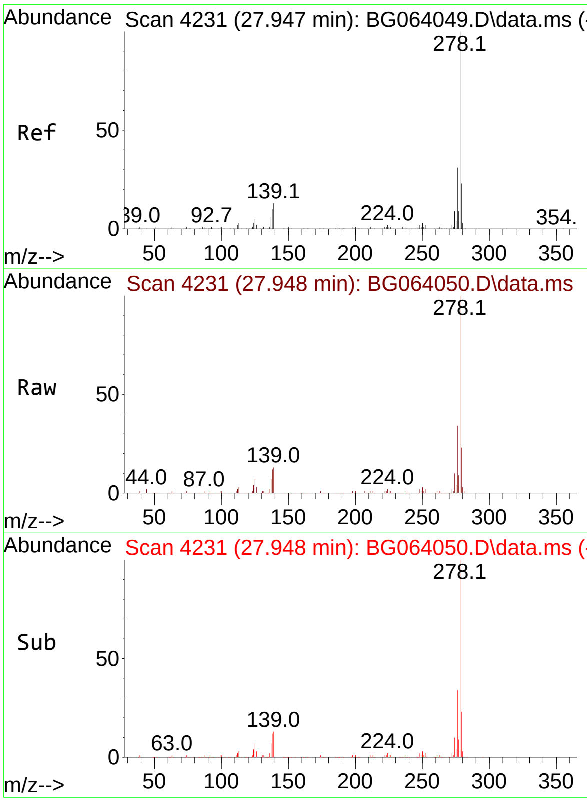


#90
Benzo(a)pyrene
Concen: 51.360 ng
RT: 24.346 min Scan# 3618
Delta R.T. 0.007 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:252 Resp: 792379

Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.2	24.2
125	10.1	7.8	11.6

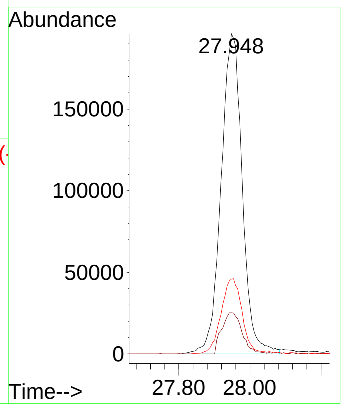




#91
Dibenzo(a,h)anthracene
Concen: 51.097 ng
RT: 27.948 min Scan# 4
Delta R.T. 0.001 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:278 Resp: 81218

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.2	15.2
279	23.4	18.1	27.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

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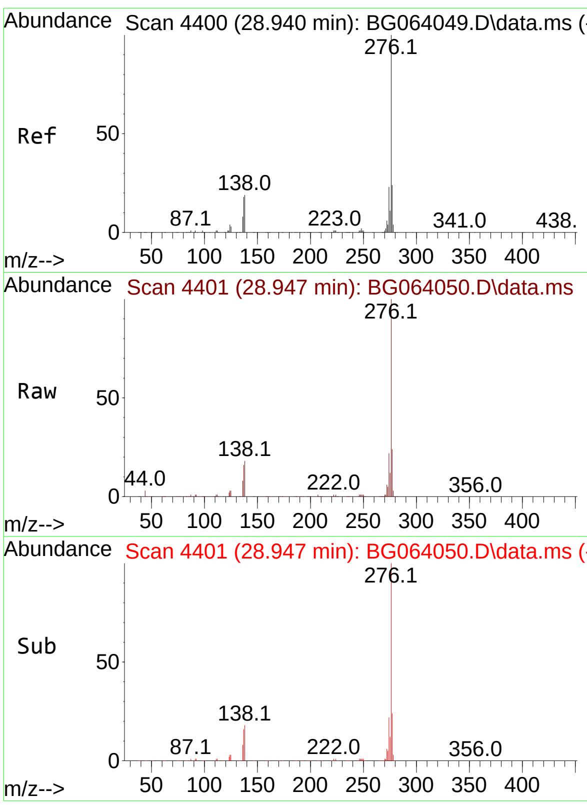
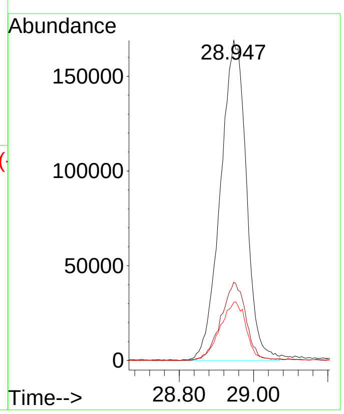


#92
Benzo(g,h,i)perylene
Concen: 50.325 ng
RT: 28.947 min Scan# 4401
Delta R.T. 0.007 min
Lab File: BG064050.D
Acq: 5 Mar 2025 12:23

Tgt Ion:276 Resp: 821282

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	18.1	15.4	23.0



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064051.D
Acq On : 5 Mar 2025 13:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:25:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	37134	20.000	ng	0.00
21) Naphthalene-d8	10.656	136	170133	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	120501	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	267696	20.000	ng	0.00
76) Chrysene-d12	21.467	240	267699	20.000	ng	0.00
86) Perylene-d12	24.481	264	289231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	293555	123.437	ng	0.00
7) Phenol-d6	7.031	99	409752	126.652	ng	0.00
23) Nitrobenzene-d5	9.022	82	408232	132.600	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	180569	134.808	ng	0.00
45) 2-Fluorobiphenyl	13.118	172	928658	116.978	ng	0.00
79) Terphenyl-d14	19.851	244	1536841	116.081	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	60005	55.674	ng	98
3) Pyridine	3.764	79	153247	58.464	ng	100
4) n-Nitrosodimethylamine	3.682	42	116662	62.293	ng	99
6) Aniline	7.195	93	194727	61.338	ng	99
8) 2-Chlorophenol	7.430	128	158149	61.917	ng	97
9) Benzaldehyde	7.007	77	94743	50.099	ng	97
10) Phenol	7.060	94	211698	63.911	ng	97
11) bis(2-Chloroethyl)ether	7.295	93	157937	60.818	ng	99
12) 1,3-Dichlorobenzene	7.759	146	169236	60.337	ng	97
13) 1,4-Dichlorobenzene	7.900	146	171129	59.524	ng	98
14) 1,2-Dichlorobenzene	8.217	146	169937	61.300	ng	98
15) Benzyl Alcohol	8.100	79	163423	65.368	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.394	45	358503	61.396	ng	98
17) 2-Methylphenol	8.300	107	141394	64.317	ng	96
18) Hexachloroethane	8.946	117	64767	64.389	ng	94
19) n-Nitroso-di-n-propyla...	8.676	70	147291	64.871	ng	97
20) 3+4-Methylphenols	8.635	107	200990	66.409	ng	94
22) Acetophenone	8.682	105	286250	61.365	ng	# 98
24) Nitrobenzene	9.064	77	208758	65.613	ng	95
25) Isophorone	9.586	82	386627	62.743	ng	97
26) 2-Nitrophenol	9.769	139	72153	61.605	ng	95
27) 2,4-Dimethylphenol	9.827	122	122021	66.054	ng	98
28) bis(2-Chloroethoxy)met...	10.068	93	229336	61.387	ng	98
29) 2,4-Dichlorophenol	10.303	162	153766	65.920	ng	97
30) 1,2,4-Trichlorobenzene	10.521	180	170860	60.677	ng	98
31) Naphthalene	10.703	128	559954	61.037	ng	99
32) Benzoic acid	9.998	122	110878m	62.274	ng	
33) 4-Chloroaniline	10.809	127	214091	63.850	ng	98
34) Hexachlorobutadiene	10.997	225	112408	60.903	ng	98
35) Caprolactam	11.596	113	57227	64.020	ng	95
36) 4-Chloro-3-methylphenol	11.931	107	199201	65.149	ng	97
37) 2-Methylnaphthalene	12.313	142	397524	61.379	ng	99
38) 1-Methylnaphthalene	12.536	142	391774	61.745	ng	95
40) 1,2,4,5-Tetrachloroben...	12.683	216	203188	59.063	ng	98
41) Hexachlorocyclopentadiene	12.665	237	65070	67.203	ng	96
43) 2,4,6-Trichlorophenol	12.918	196	133197	65.693	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064051.D
Acq On : 5 Mar 2025 13:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:25:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	147199	65.338	ng		97
46) 1,1'-Biphenyl	13.329	154	546747	60.056	ng		99
47) 2-Chloronaphthalene	13.364	162	405177	61.023	ng		98
48) 2-Nitroaniline	13.564	65	143213	61.521	ng		97
49) Acenaphthylene	14.210	152	642256	61.154	ng		99
50) Dimethylphthalate	13.958	163	545112	61.282	ng		99
51) 2,6-Dinitrotoluene	14.064	165	110825	60.475	ng		92
52) Acenaphthene	14.557	154	423181	59.918	ng		99
53) 3-Nitroaniline	14.393	138	118880	69.150	ng		99
54) 2,4-Dinitrophenol	14.592	184	43597	60.118	ng	#	82
55) Dibenzofuran	14.892	168	673760	59.009	ng		100
56) 4-Nitrophenol	14.698	139	97685	67.751	ng		97
57) 2,4-Dinitrotoluene	14.851	165	153908	60.762	ng	#	98
58) Fluorene	15.538	166	527952	59.367	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.115	232	145394	66.199	ng		96
60) Diethylphthalate	15.321	149	591838	61.289	ng		100
61) 4-Chlorophenyl-phenyle...	15.538	204	260768	59.007	ng		93
62) 4-Nitroaniline	15.556	138	122494	65.996	ng		97
63) Azobenzene	15.826	77	616384	59.818	ng		99
65) 4,6-Dinitro-2-methylph...	15.615	198	74058	61.305	ng		97
66) n-Nitrosodiphenylamine	15.750	169	458342	60.488	ng		97
67) 4-Bromophenyl-phenylether	16.426	248	174594	63.681	ng		96
68) Hexachlorobenzene	16.543	284	183700	59.848	ng		99
70) Pentachlorophenol	16.884	266	127516	66.910	ng		97
71) Phenanthrene	17.272	178	850190	59.544	ng		100
72) Anthracene	17.366	178	855662	60.267	ng		98
73) Carbazole	17.630	167	791764	59.729	ng		98
74) Di-n-butylphthalate	18.206	149	978831	62.731	ng		99
75) Fluoranthene	19.281	202	998035	57.980	ng		99
77) Benzidine	19.469	184	240411	63.973	ng		98
78) Pyrene	19.645	202	1035908	60.030	ng		99
80) Butylbenzylphthalate	20.544	149	403606	61.244	ng		97
81) Benzo(a)anthracene	21.449	228	1051558	61.323	ng		98
82) 3,3'-Dichlorobenzidine	21.367	252	349935	63.055	ng		99
83) Chrysene	21.514	228	1044616	61.078	ng		99
84) Bis(2-ethylhexyl)phtha...	21.384	149	633796	68.341	ng		98
85) Di-n-octyl phthalate	22.530	149	1075085	67.209	ng		100
87) Indeno(1,2,3-cd)pyrene	27.889	276	1198276	61.921	ng		99
88) Benzo(b)fluoranthene	23.535	252	1054170	60.290	ng		98
89) Benzo(k)fluoranthene	23.599	252	1070595	61.033	ng		100
90) Benzo(a)pyrene	24.346	252	947608	60.853	ng		98
91) Dibenzo(a,h)anthracene	27.953	278	974276	60.728	ng		98
92) Benzo(g,h,i)perylene	28.964	276	1002330	60.851	ng		96

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

Quantitation Report (QT Reviewed)

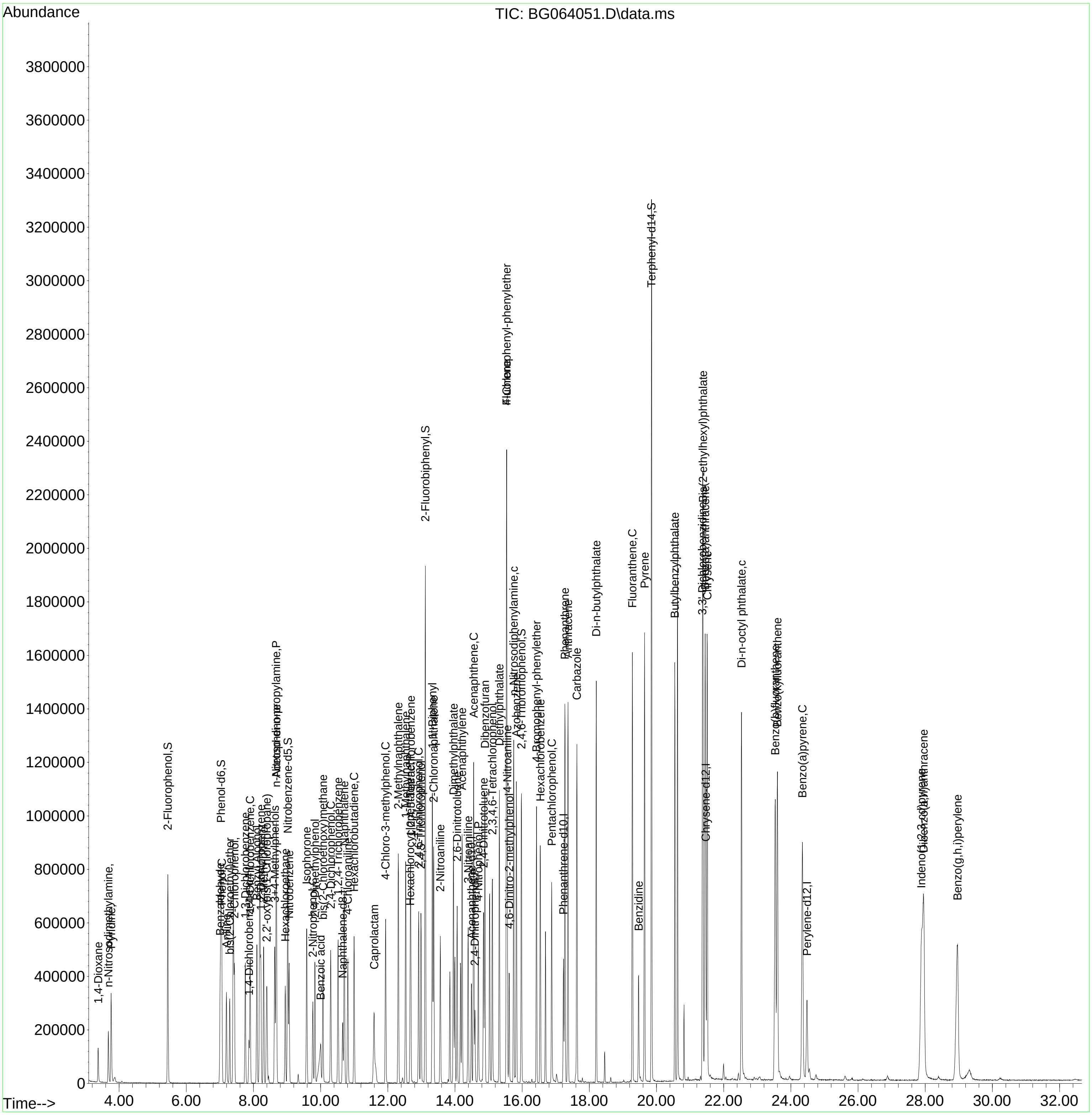
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064051.D
Acq On : 5 Mar 2025 13:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 05 15:25:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



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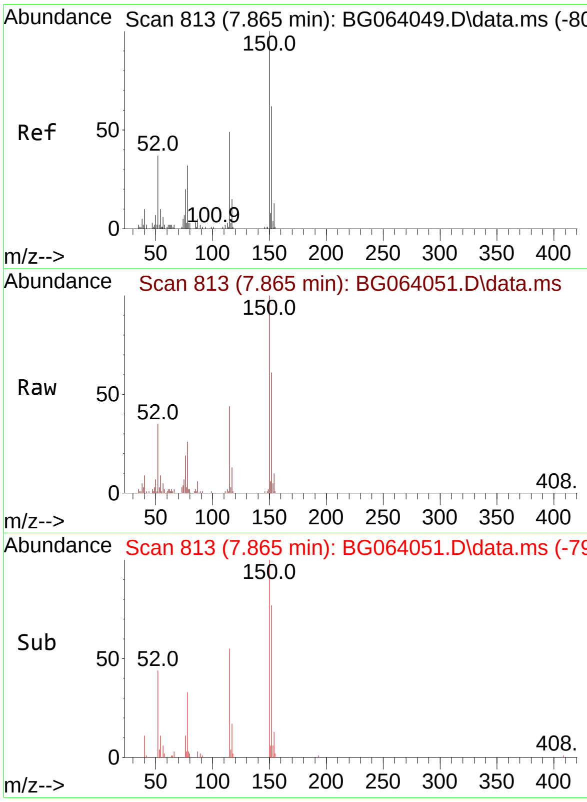

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 3713

Ion	Ratio	Lower	Upper
152	100		
150	165.1	129.2	193.8
115	71.9	63.0	94.6

Manual Integrations
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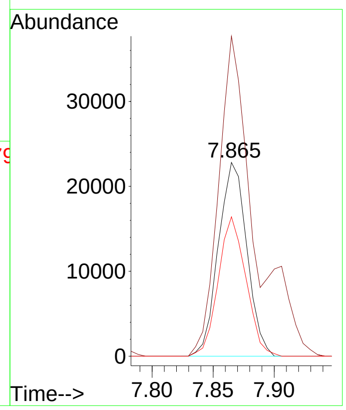
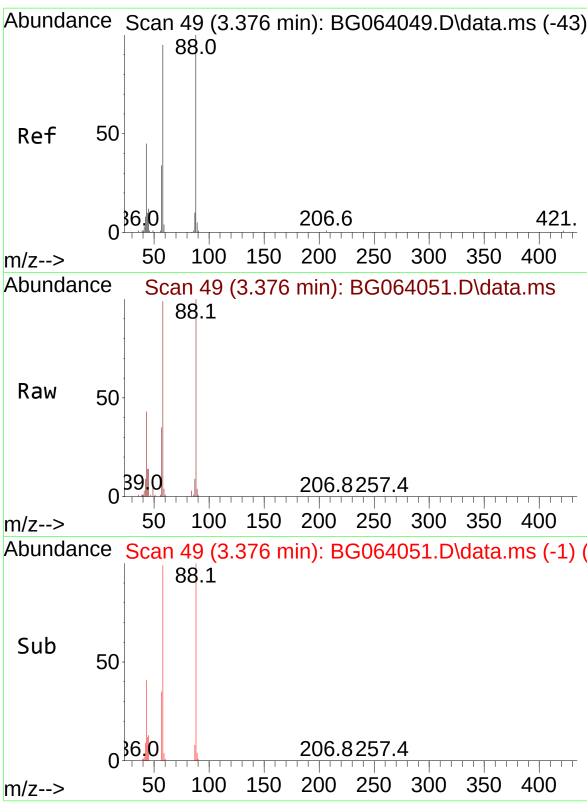
Supervised By :mohammad ahmed 03/07/2025

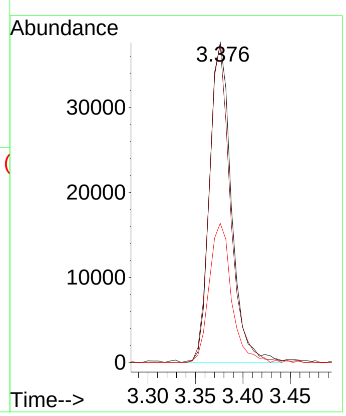




#2
1,4-Dioxane
Concen: 55.674 ng
RT: 3.376 min Scan# 49
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 88 Resp: 60005

Ion	Ratio	Lower	Upper
88	100		
58	96.3	74.6	111.8
43	44.5	35.5	53.3



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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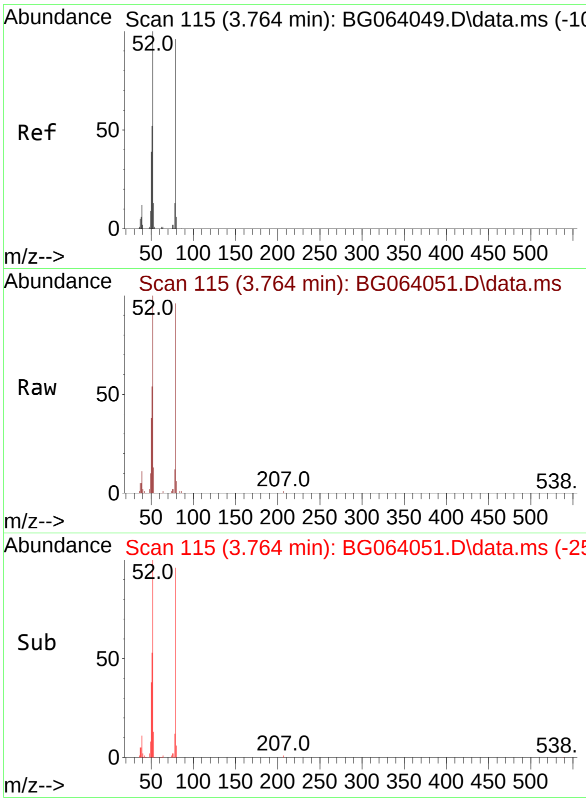
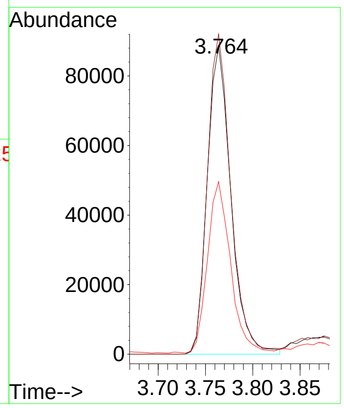
Supervised By :mohammad ahmed 03/07/2025

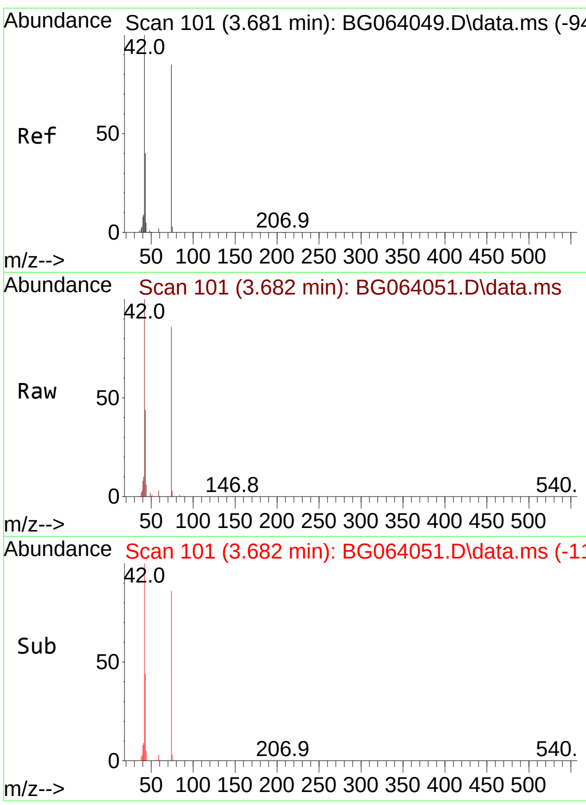


#3
Pyridine
Concen: 58.464 ng
RT: 3.764 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 79 Resp: 15324

Ion	Ratio	Lower	Upper
79	100		
52	103.8	83.0	124.6
51	56.0	44.3	66.5

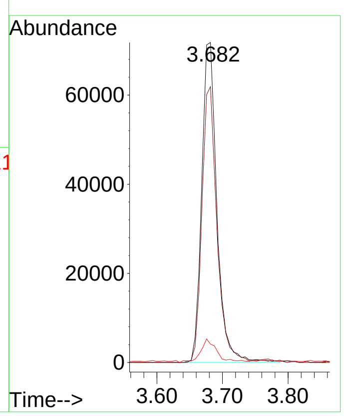




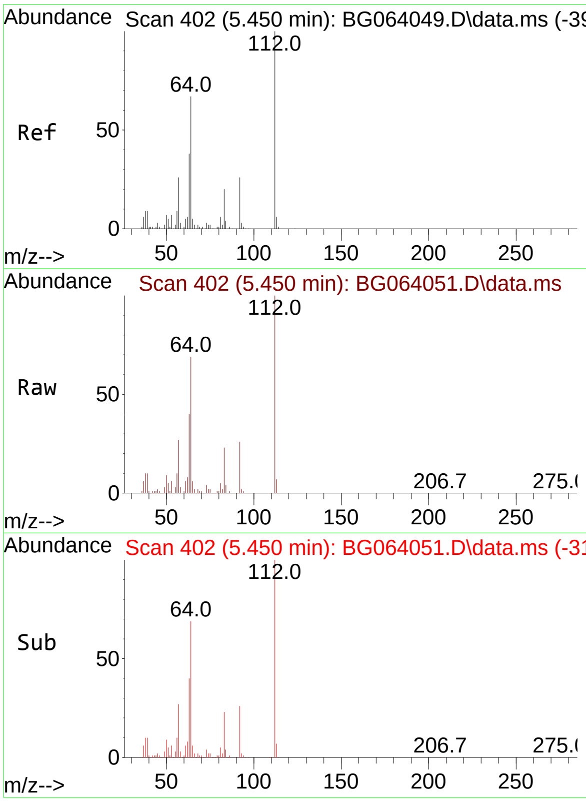
#4
n-Nitrosodimethylamine
Concen: 62.293 ng
RT: 3.682 min Scan# 101
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 42 Resp: 116662

Ion	Ratio	Lower	Upper
42	100		
74	86.2	68.0	102.0
44	5.7	4.9	7.3



ICAL Form



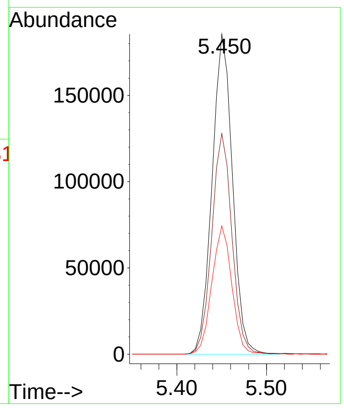
#5
2-Fluorophenol
Concen: 123.437 ng
RT: 5.450 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

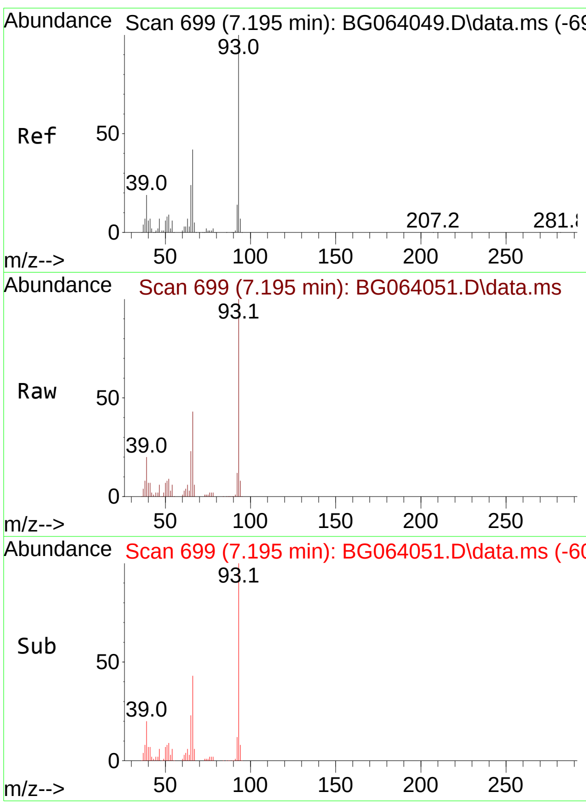
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 29355!

Ion	Ratio	Lower	Upper
112	100		
64	69.0	53.7	80.5
63	40.1	30.2	45.4

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

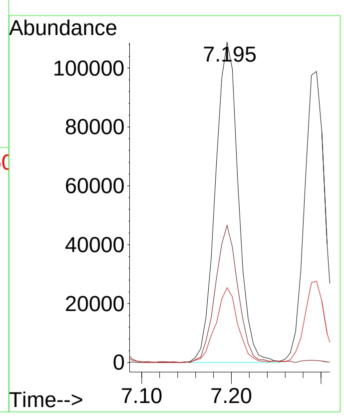




#6
Aniline
Concen: 61.338 ng
RT: 7.195 min Scan# 699
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 93 Resp: 194727

Ion	Ratio	Lower	Upper
93	100		
66	42.9	33.7	50.5
65	23.3	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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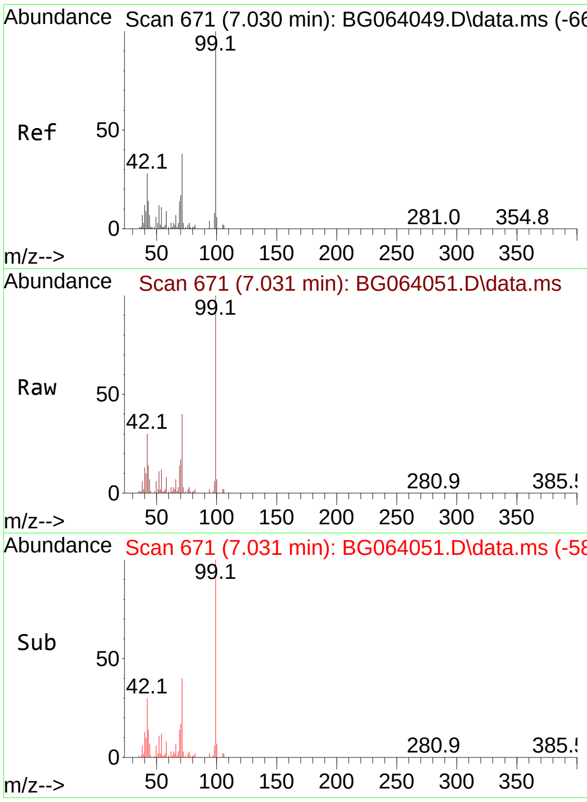
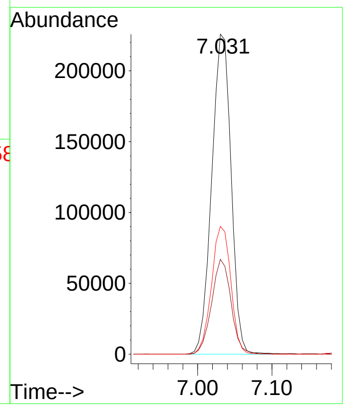
Supervised By :mohammad ahmed 03/07/2025

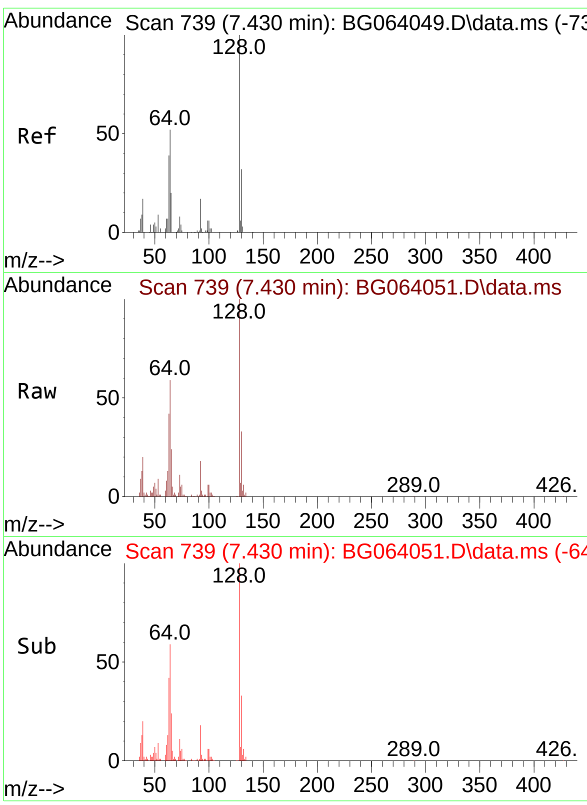


#7
Phenol-d6
Concen: 126.652 ng
RT: 7.031 min Scan# 67
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 99 Resp: 40975

Ion	Ratio	Lower	Upper
99	100		
42	29.6	22.7	34.1
71	39.9	30.6	46.0

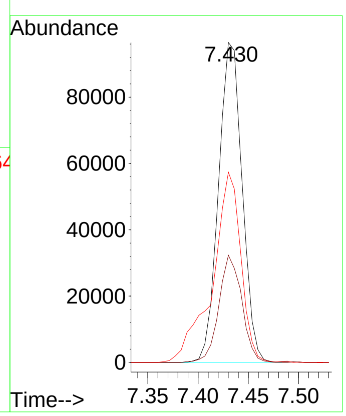




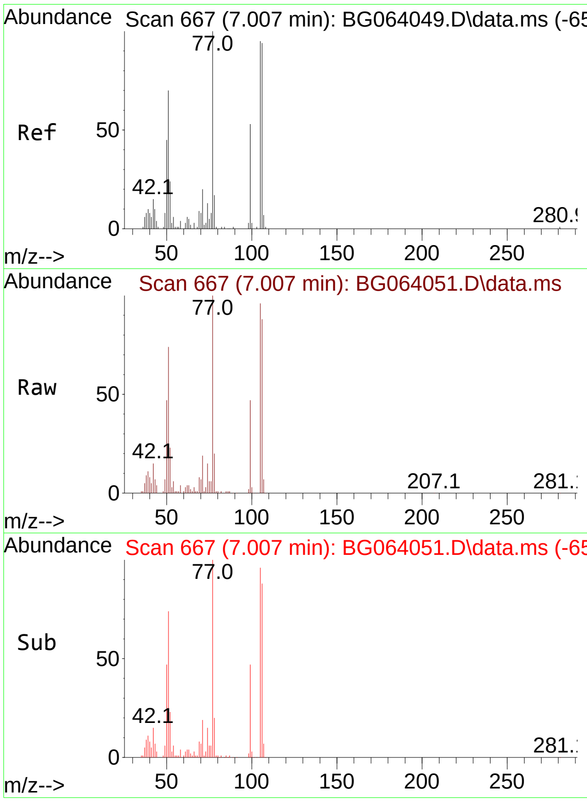
#8
2-Chlorophenol
Concen: 61.917 ng
RT: 7.430 min Scan# 739
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:128 Resp: 158149

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.3	52.3
64	59.4	37.0	77.0



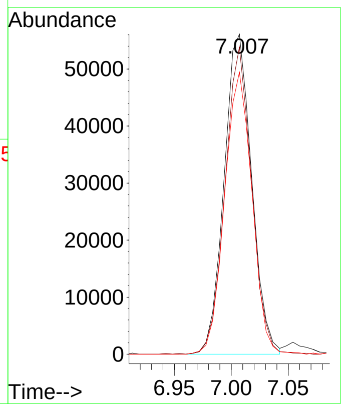
ICAL Form



#9
Benzaldehyde
Concen: 50.099 ng
RT: 7.007 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 77 Resp: 9474

Ion	Ratio	Lower	Upper
77	100		
105	96.0	75.5	115.5
106	88.1	74.2	114.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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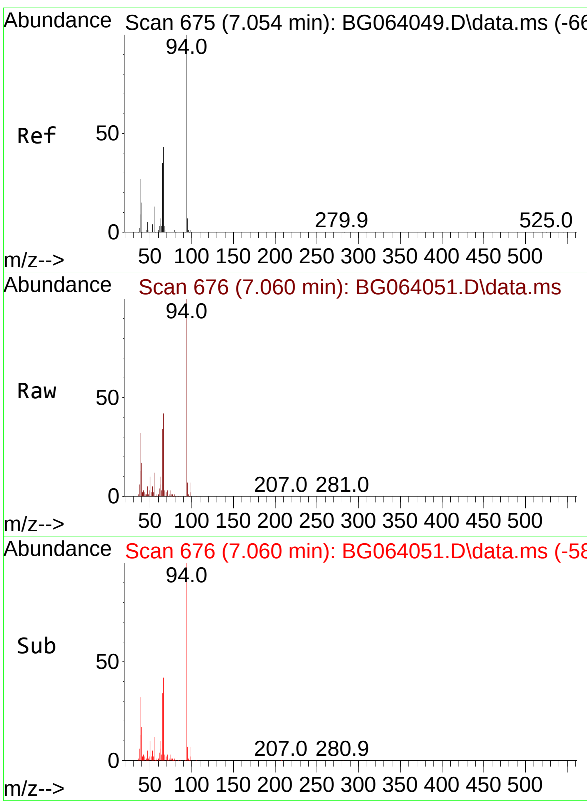
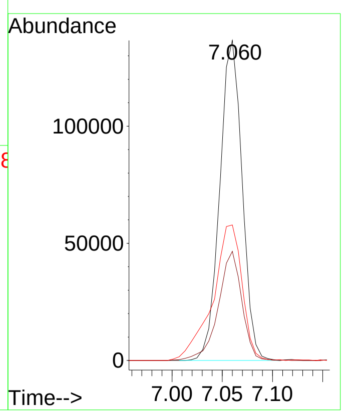
Supervised By :mohammad ahmed 03/07/2025

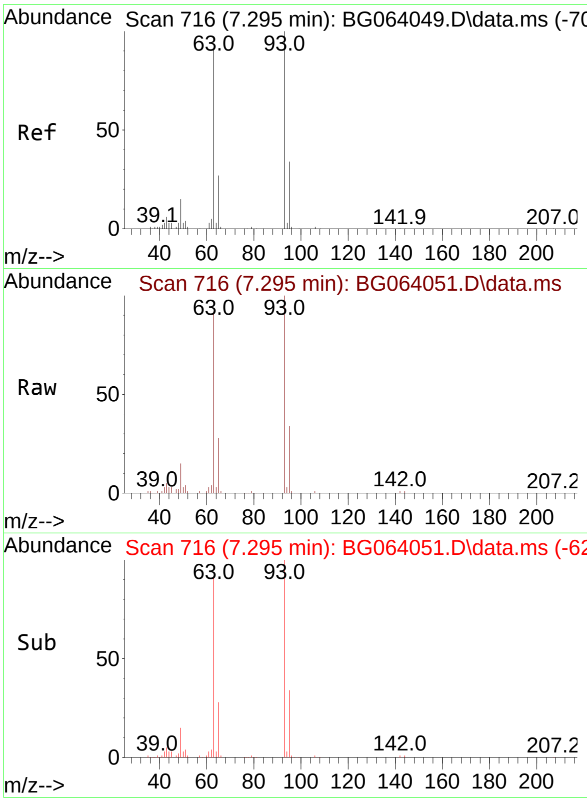


#10
Phenol
Concen: 63.911 ng
RT: 7.060 min Scan# 676
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 94 Resp: 211698

Ion	Ratio	Lower	Upper
94	100		
65	34.1	15.2	55.2
66	42.3	25.1	65.1

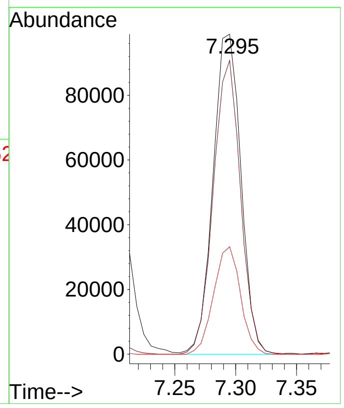




#11
bis(2-Chloroethyl)ether
Concen: 60.818 ng
RT: 7.295 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 93 Resp: 157937

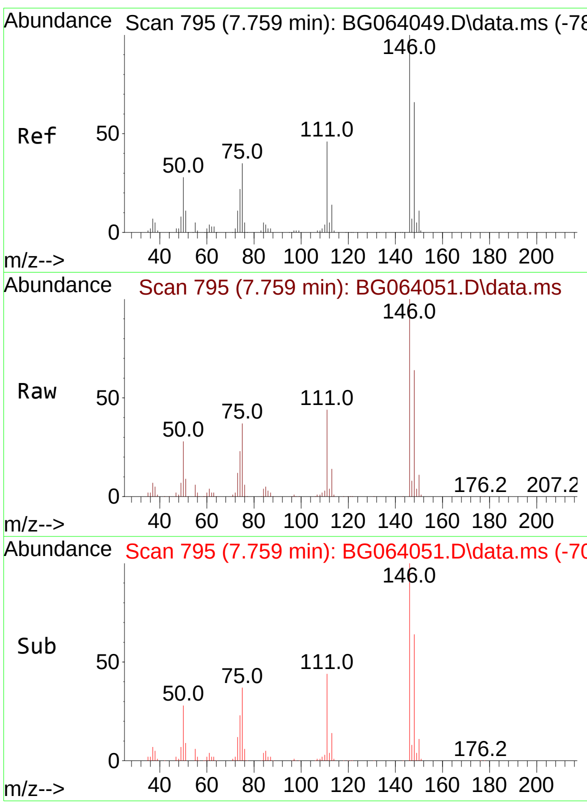
Ion	Ratio	Lower	Upper
93	100		
63	91.8	70.0	110.0
95	33.6	13.7	53.7



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

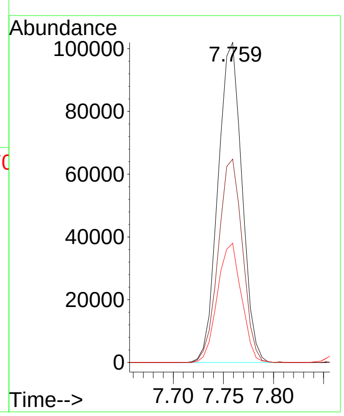
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



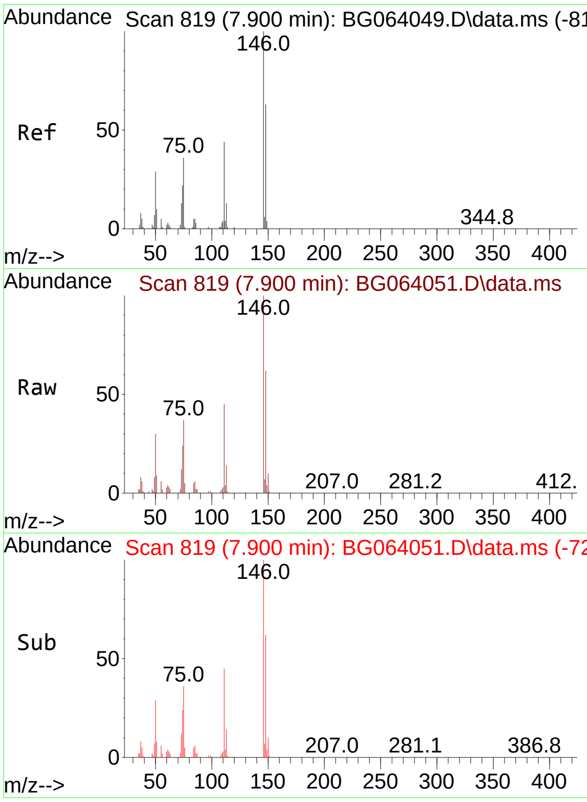
#12
1,3-Dichlorobenzene
Concen: 60.337 ng
RT: 7.759 min Scan# 795
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:146 Resp: 169236

Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.6	78.8
75	37.2	28.1	42.1



ICAL Form



#13
1,4-Dichlorobenzene
Concen: 59.524 ng
RT: 7.900 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

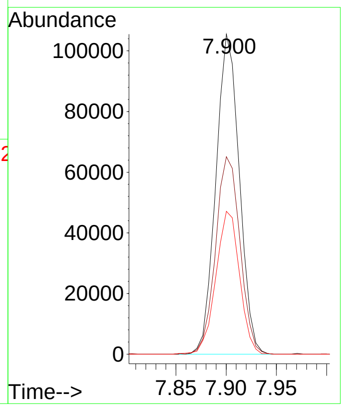
Tgt Ion:146 Resp: 17112

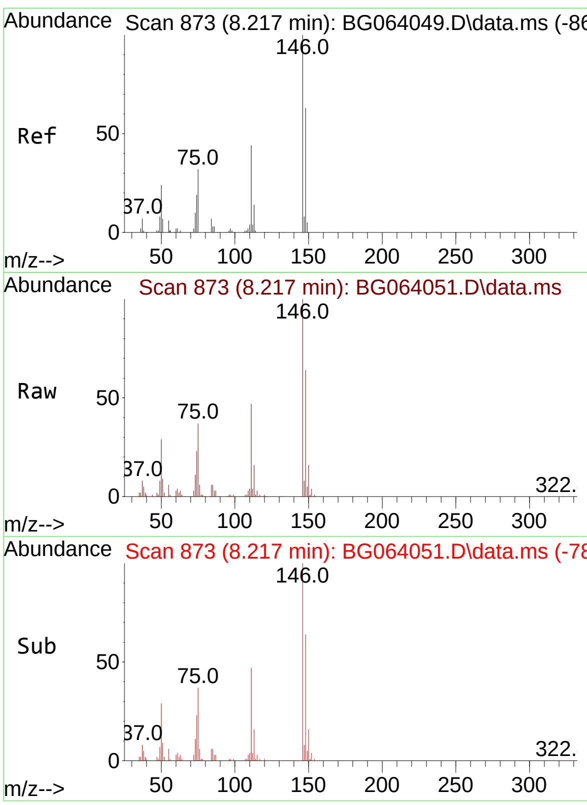
Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.6	75.8
111	44.7	35.1	52.7

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

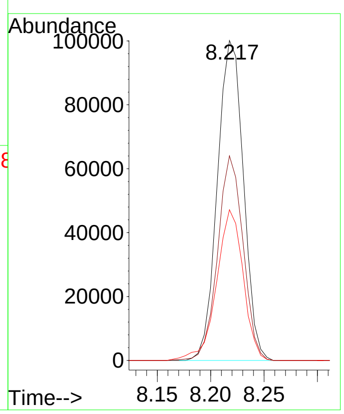




#14
1,2-Dichlorobenzene
Concen: 61.300 ng
RT: 8.217 min Scan# 873
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:146 Resp: 169937

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.2
111	47.1	36.4	54.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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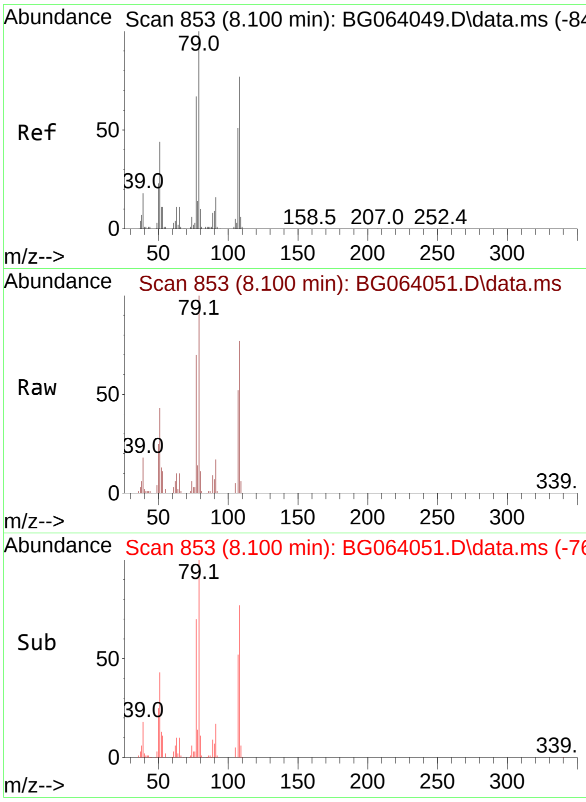
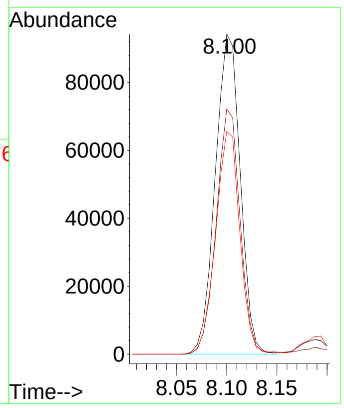
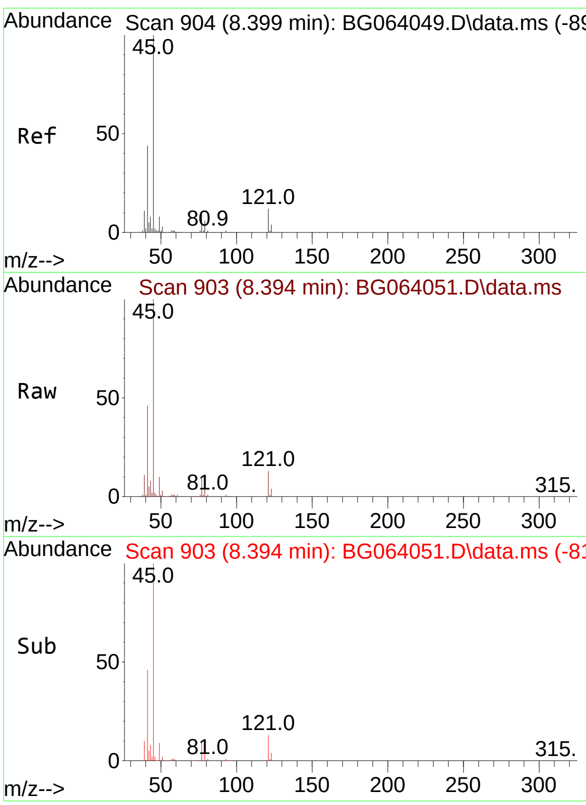


#15
Benzyl Alcohol
Concen: 65.368 ng
RT: 8.100 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 79 Resp: 16342

Ion	Ratio	Lower	Upper
79	100		
108	76.7	61.7	92.5
77	69.6	53.9	80.9

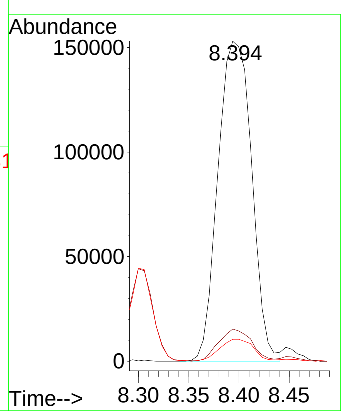




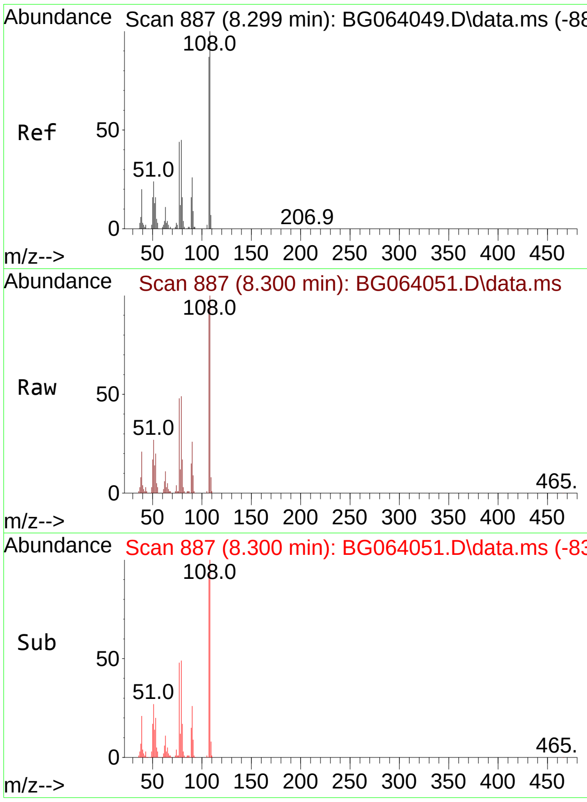
#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.396 ng
RT: 8.394 min Scan# 903
Delta R.T. -0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 45 Resp: 358503

Ion	Ratio	Lower	Upper
45	100		
77	10.0	0.0	29.0
79	6.8	0.0	26.6



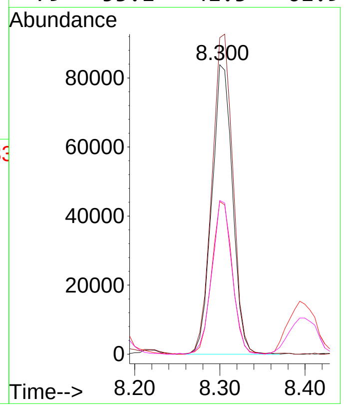
ICAL Form



#17
2-Methylphenol
Concen: 64.317 ng
RT: 8.300 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:107 Resp: 141394

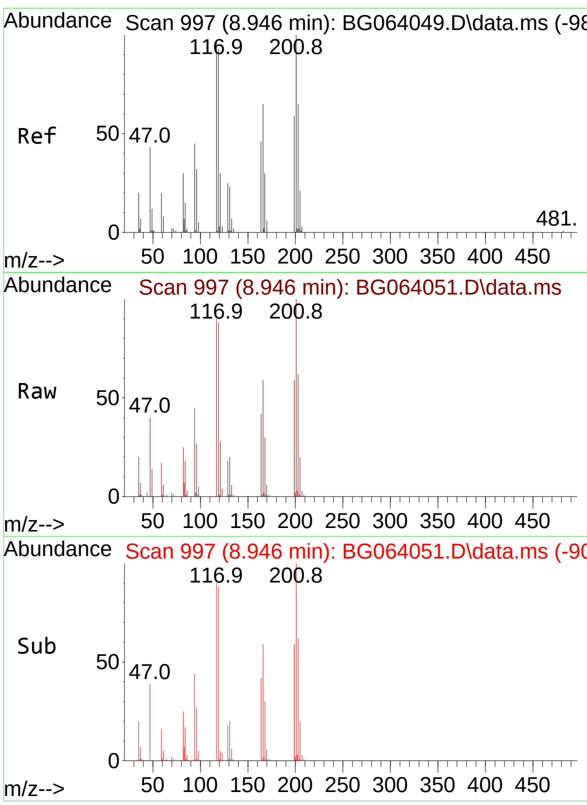
Ion	Ratio	Lower	Upper
107	100		
108	109.3	92.5	138.7
77	52.7	40.5	60.7
79	53.1	41.3	61.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

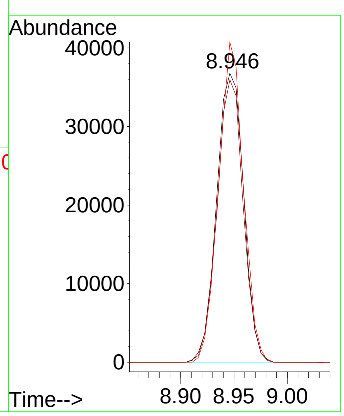
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

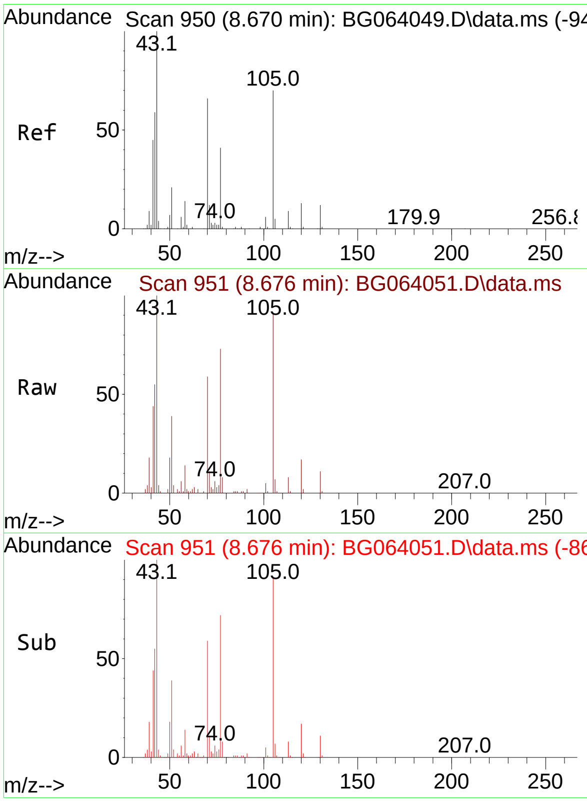


#18
Hexachloroethane
Concen: 64.389 ng
RT: 8.946 min Scan# 997
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:117 Resp: 64767

Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.2	114.2
201	110.7	81.5	122.3





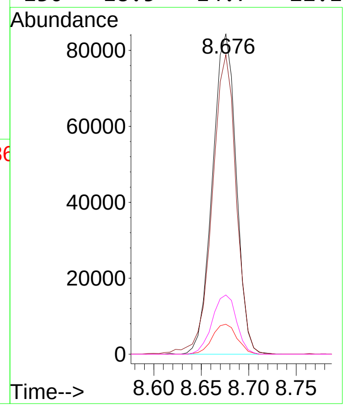
#19
n-Nitroso-di-n-propylamine
Concen: 64.871 ng
RT: 8.676 min   Scan# 9
Delta R.T.   0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025   13:04

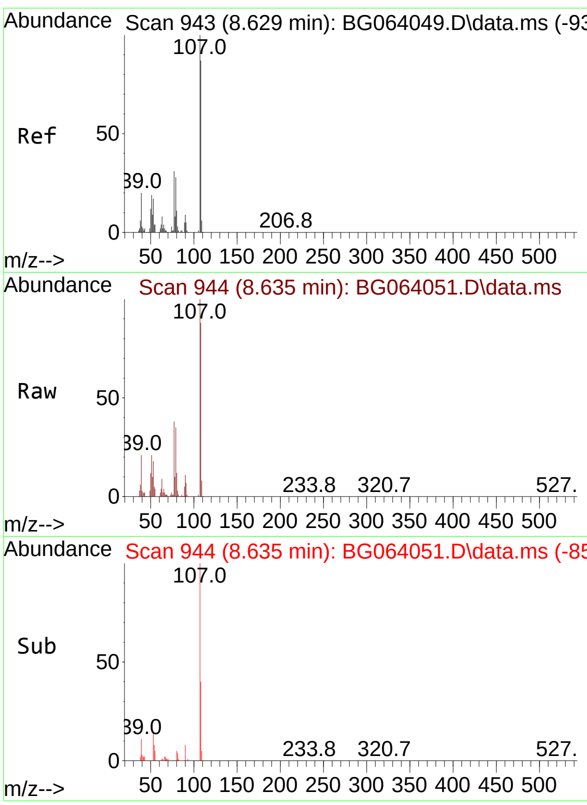
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay   03/06/2025
Supervised By :mohammad ahmed   03/07/2025

Tgt Ion: 70 Resp: 14729

Ion	Ratio	Lower	Upper
70	100		
42	93.5	72.1	108.1
101	9.4	7.2	10.8
130	18.5	14.7	22.1

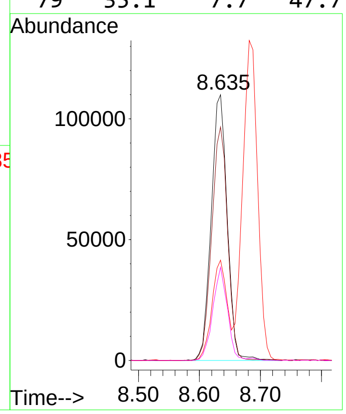




#20
3+4-Methylphenols
Concen: 66.409 ng
RT: 8.635 min   Scan# 944
Delta R.T.   0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025   13:04

Tgt Ion:107 Resp: 200990

Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.0	107.0
77	37.8	11.2	51.2
79	35.1	7.7	47.7



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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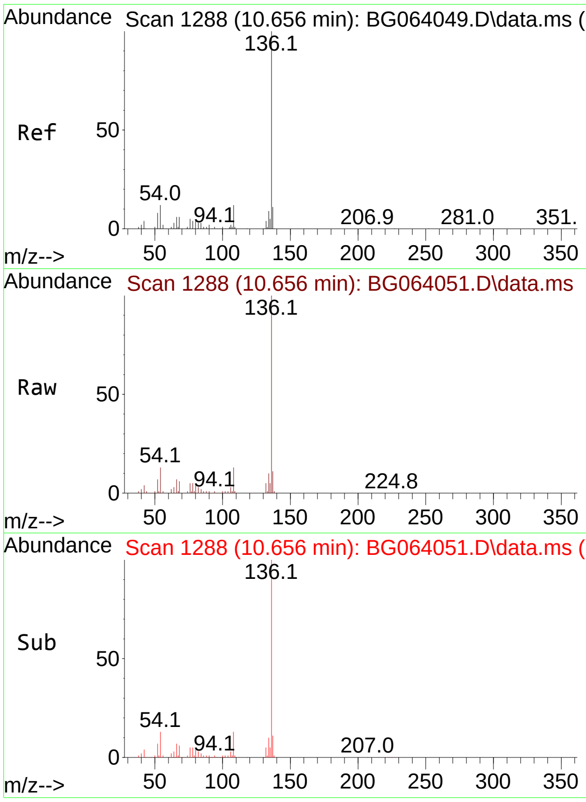
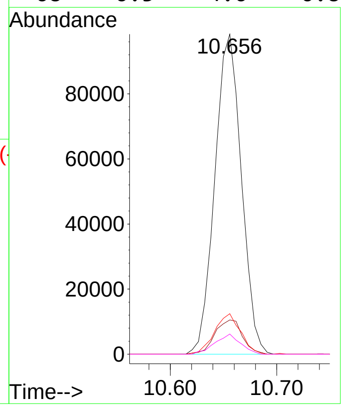
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

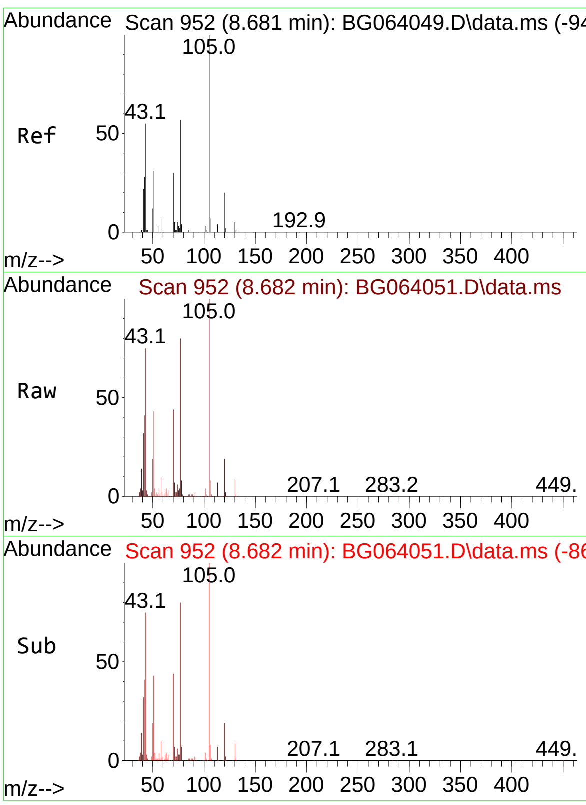


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.656 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:136 Resp: 17013

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	12.6	9.9	14.9
68	6.3	4.6	6.8

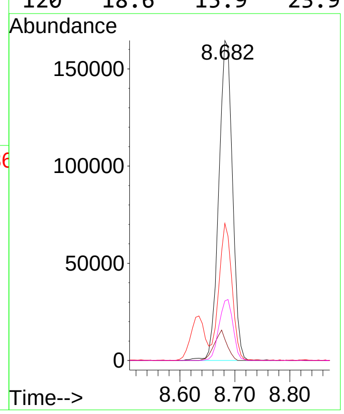




#22
Acetophenone
Concen: 61.365 ng
RT: 8.682 min Scan# 952
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:105 Resp: 286250

Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.2	6.4#
51	42.8	33.3	49.9
120	18.6	15.9	23.9



ICAL Form

Instrument : BNA_G
ClientSampleId : SSTDICC060

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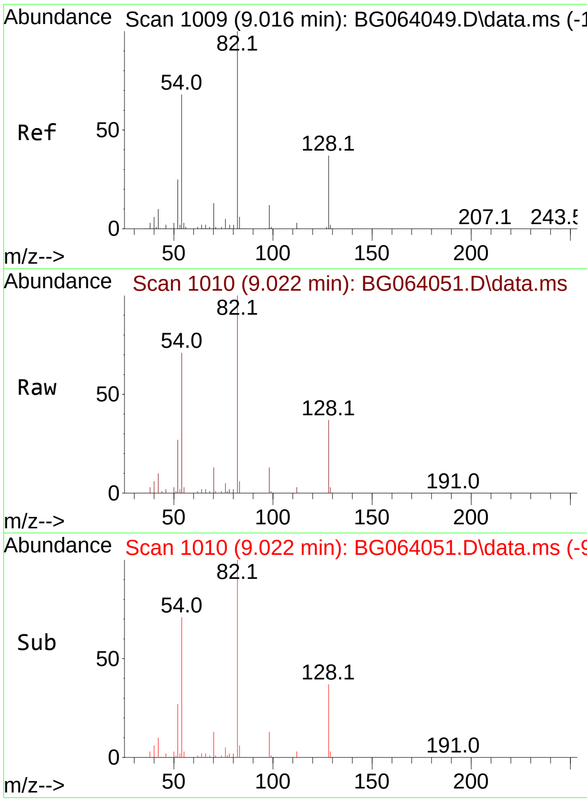
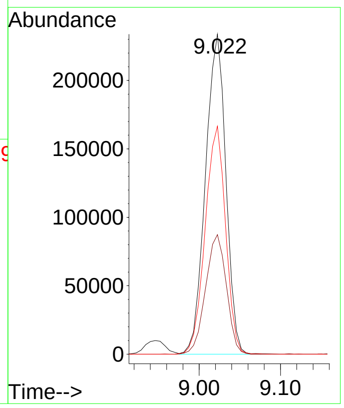
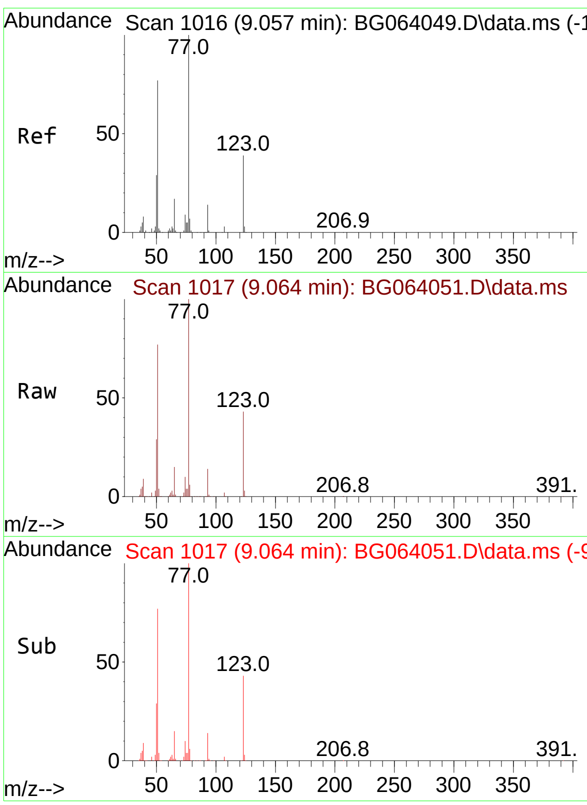


#23
Nitrobenzene-d5
Concen: 132.600 ng
RT: 9.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 82 Resp: 408231

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.0	45.0
54	71.2	54.7	82.1

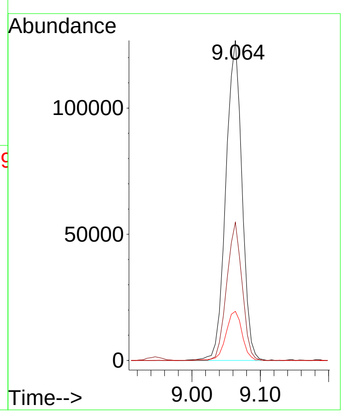




#24
Nitrobenzene
Concen: 65.613 ng
RT: 9.064 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 77 Resp: 208758

Ion	Ratio	Lower	Upper
77	100		
123	43.2	31.4	47.2
65	15.4	13.4	20.0



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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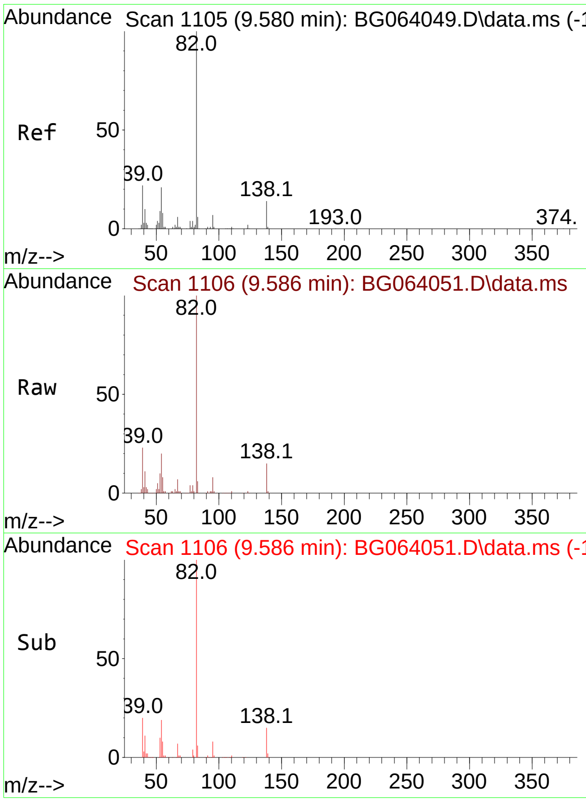
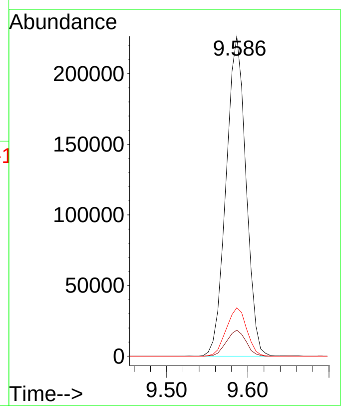
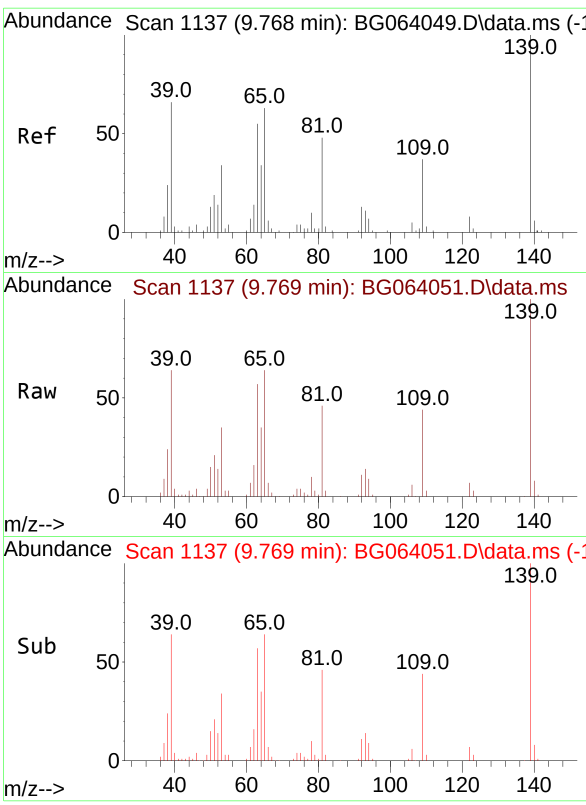


#25
Isophorone
Concen: 62.743 ng
RT: 9.586 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 82 Resp: 38662

Ion	Ratio	Lower	Upper
82	100		
95	8.2	5.8	8.8
138	15.2	10.9	16.3

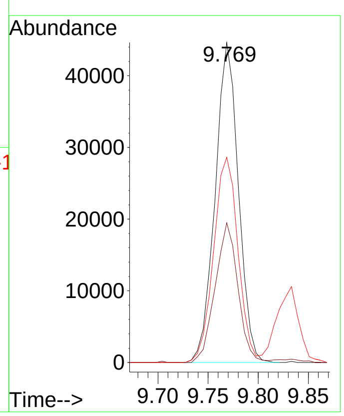


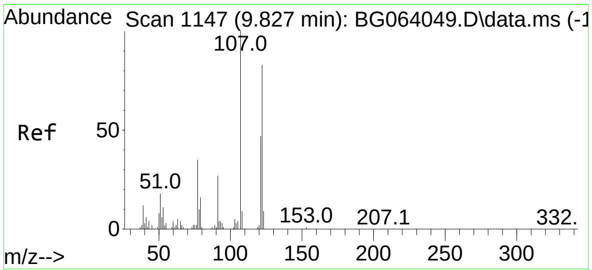


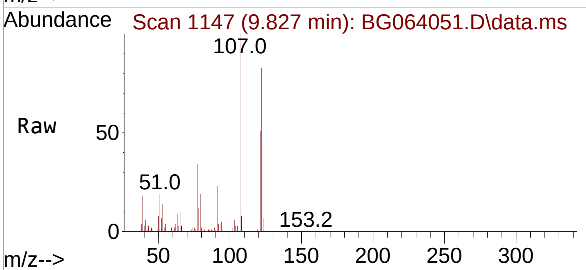
#26
2-Nitrophenol
Concen: 61.605 ng
RT: 9.769 min Scan# 1137
Delta R.T. 0.001 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

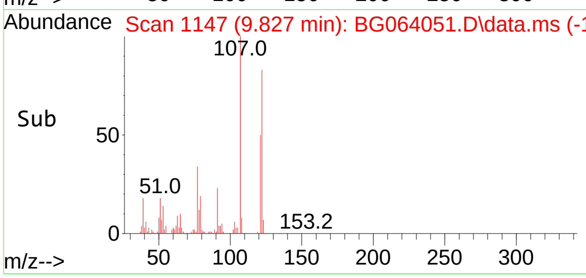
Tgt Ion:139 Resp: 72153

Ion	Ratio	Lower	Upper
139	100		
109	43.6	29.9	44.9
65	64.1	50.6	76.0









#27
2,4-Dimethylphenol
Concen: 66.054 ng
RT: 9.827 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:122 Resp: 12202

Ion	Ratio	Lower	Upper
122	100		
107	119.8	95.4	143.0
121	60.6	44.9	67.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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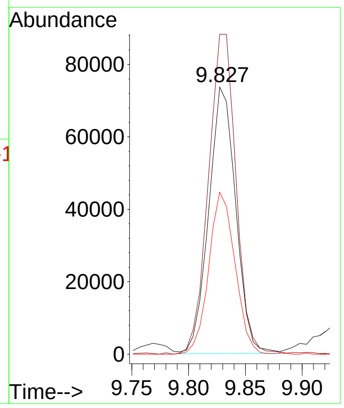
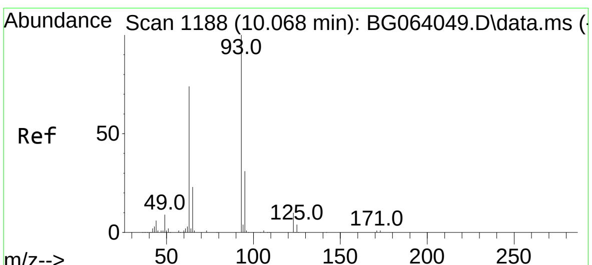
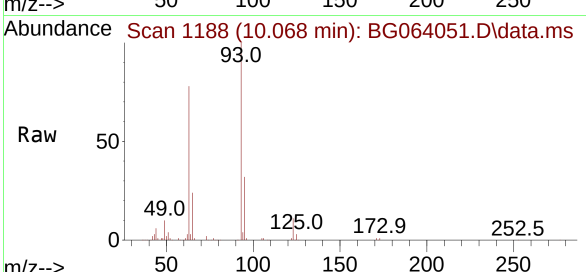
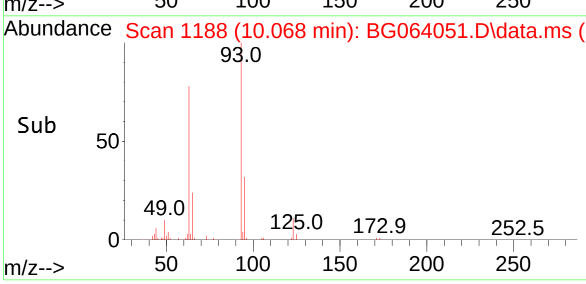




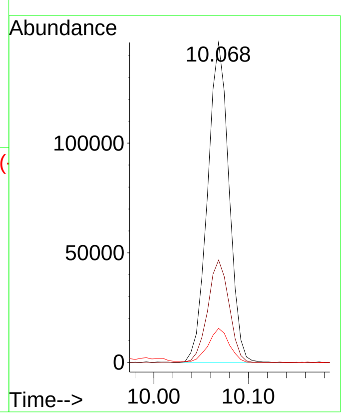




#28
bis(2-Chloroethoxy)methane
Concen: 61.387 ng
RT: 10.068 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 93 Resp: 229336

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.0	37.4
123	10.6	7.6	11.4



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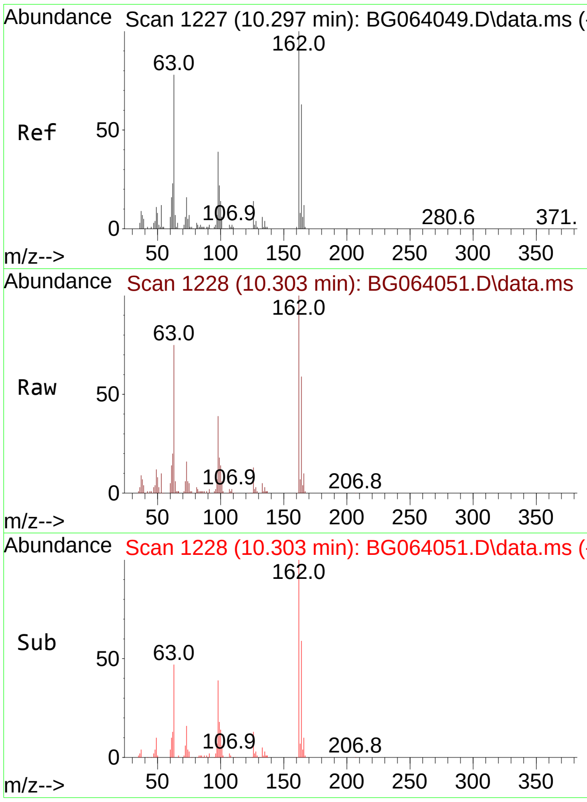

#29
2,4-Dichlorophenol
Concen: 65.920 ng
RT: 10.303 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:162 Resp: 15376

Ion	Ratio	Lower	Upper
162	100		
164	59.0	42.8	82.8
98	38.7	19.1	59.1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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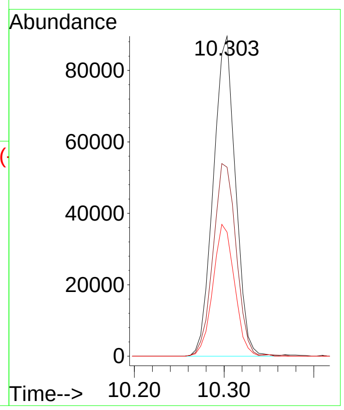
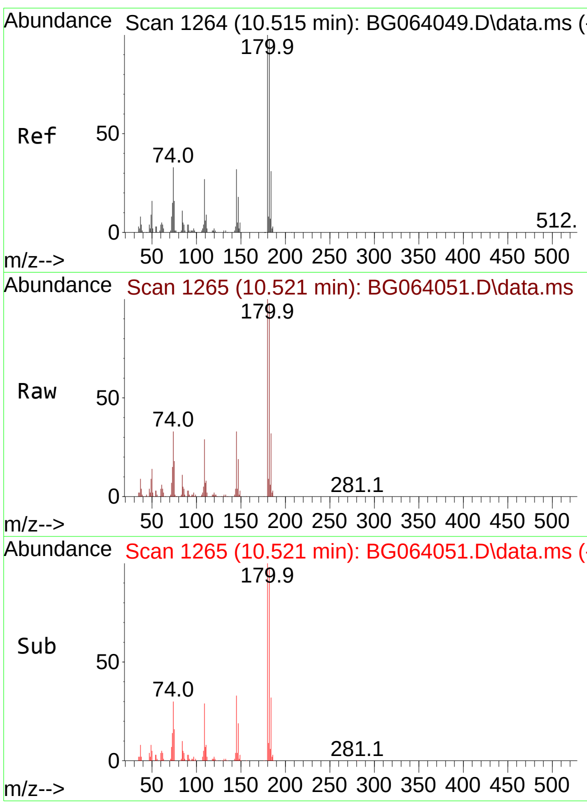
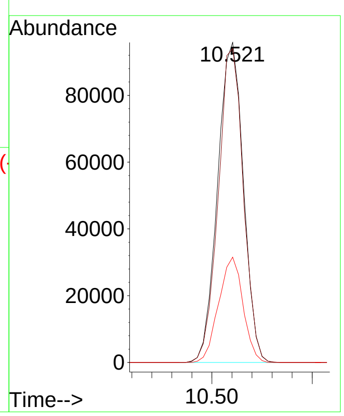




#30
1,2,4-Trichlorobenzene
Concen: 60.677 ng
RT: 10.521 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:180 Resp: 170860

Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.3	115.9
145	32.9	25.2	37.8



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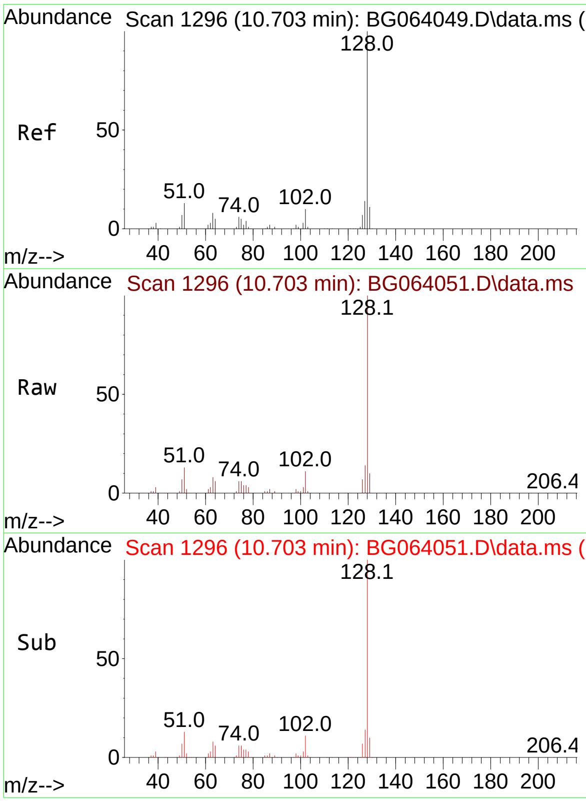

#31
Naphthalene
Concen: 61.037 ng
RT: 10.703 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 55995

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.4	12.6
127	13.7	11.1	16.7

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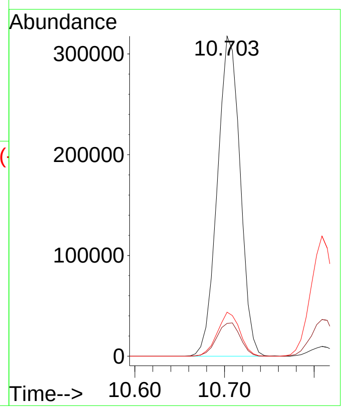
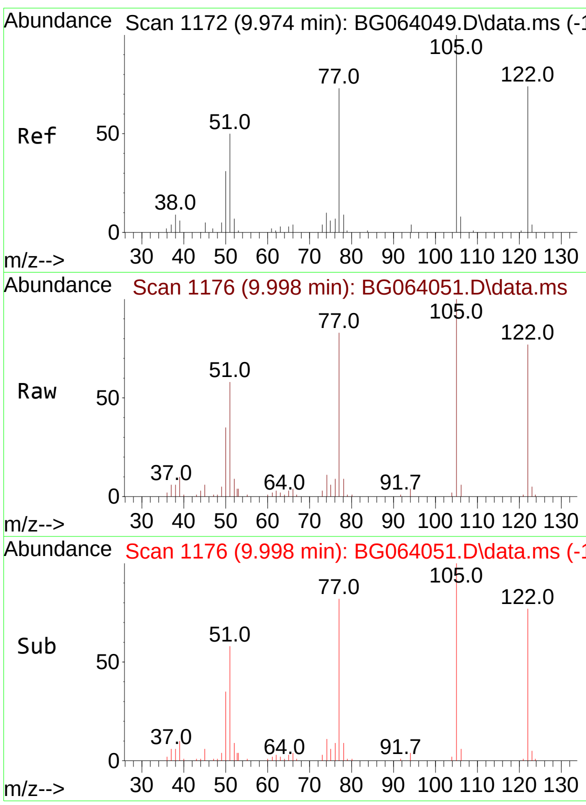
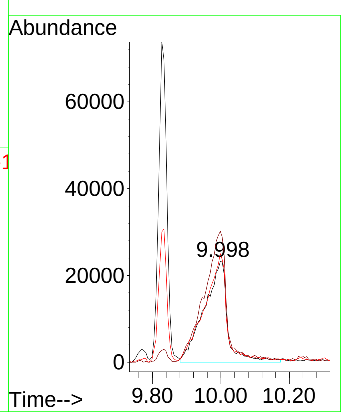




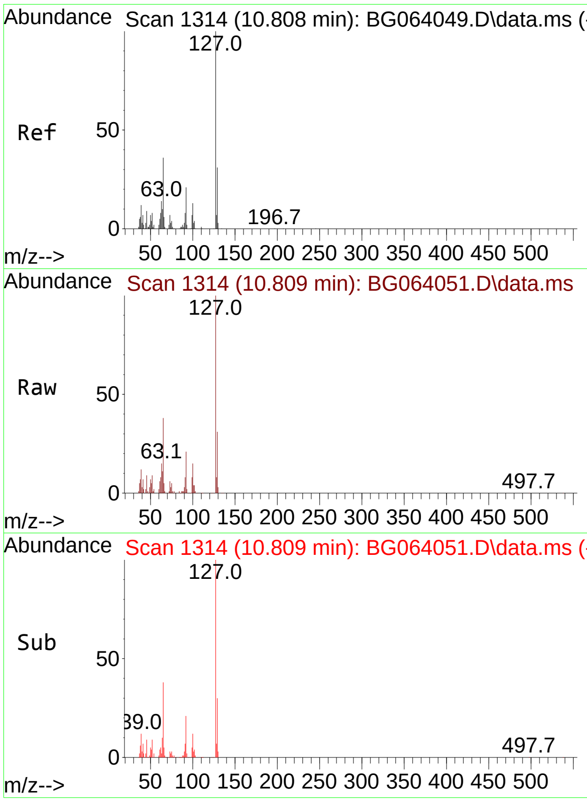
#32
Benzoic acid
Concen: 62.274 ng m
RT: 9.998 min Scan# 1176
Delta R.T. 0.024 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:122 Resp: 110878

Ion	Ratio	Lower	Upper
122	100		
105	130.0	115.0	155.0
77	107.8	80.9	120.9



ICAL Form



#33
4-Chloroaniline
Concen: 63.850 ng
RT: 10.809 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025   13:04

Tgt Ion:127 Resp: 21409

Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.0	37.4
65	37.6	28.5	42.7
92	20.8	16.5	24.7

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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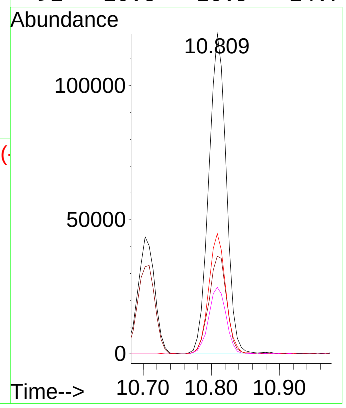
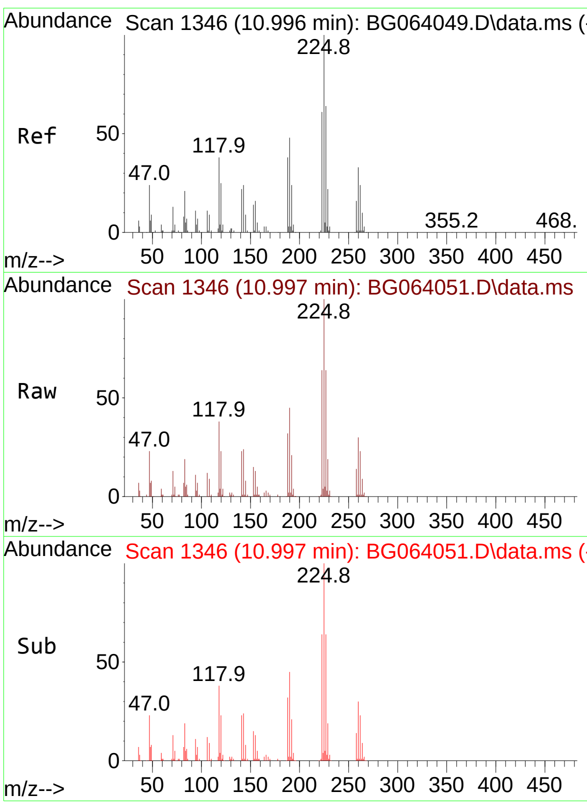
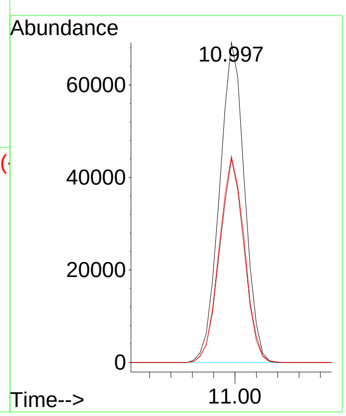




#34
Hexachlorobutadiene
Concen: 60.903 ng
RT: 10.997 min   Scan# 1346
Delta R.T.   0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025   13:04

Tgt Ion:225 Resp: 112408

Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.5	72.7
227	64.5	51.0	76.6



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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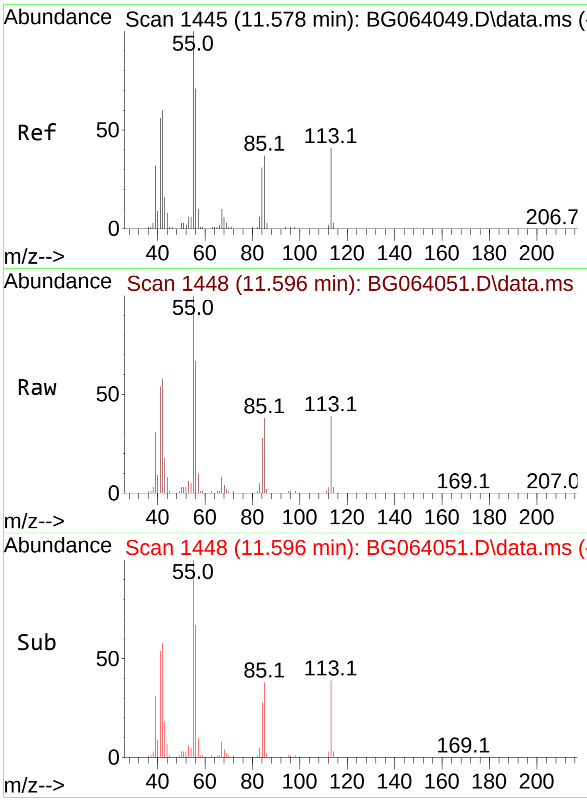
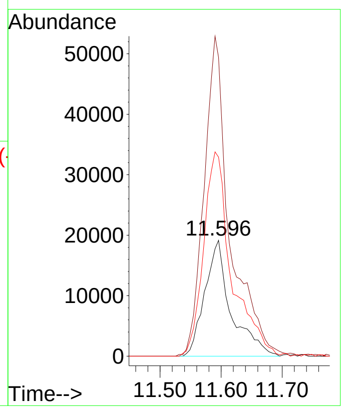
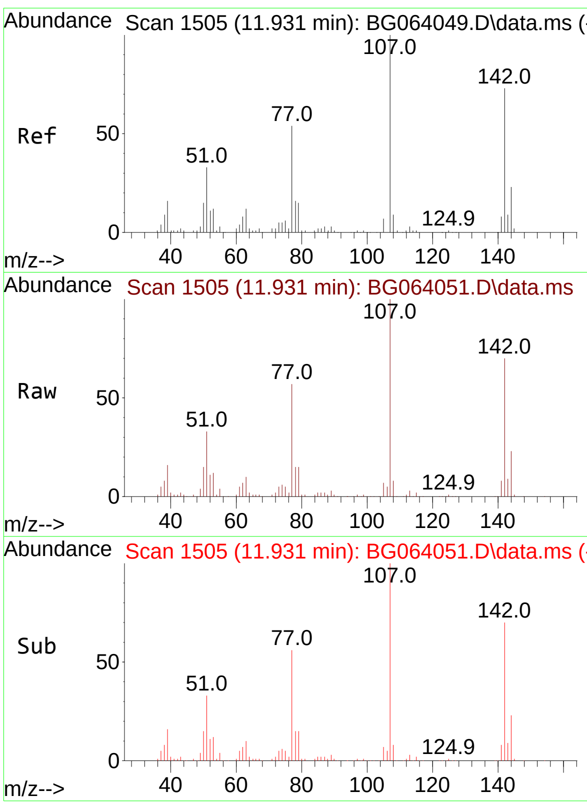


#35
Caprolactam
Concen: 64.020 ng
RT: 11.596 min Scan# 14
Delta R.T. 0.018 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:113 Resp: 5722

Ion	Ratio	Lower	Upper
113	100		
55	257.6	225.2	265.2
56	171.7	153.4	193.4

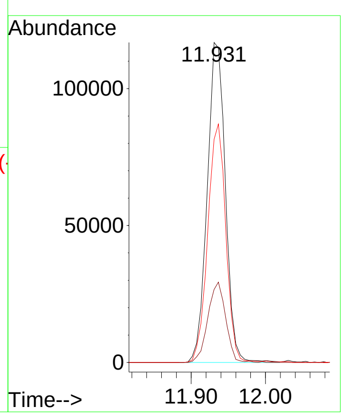


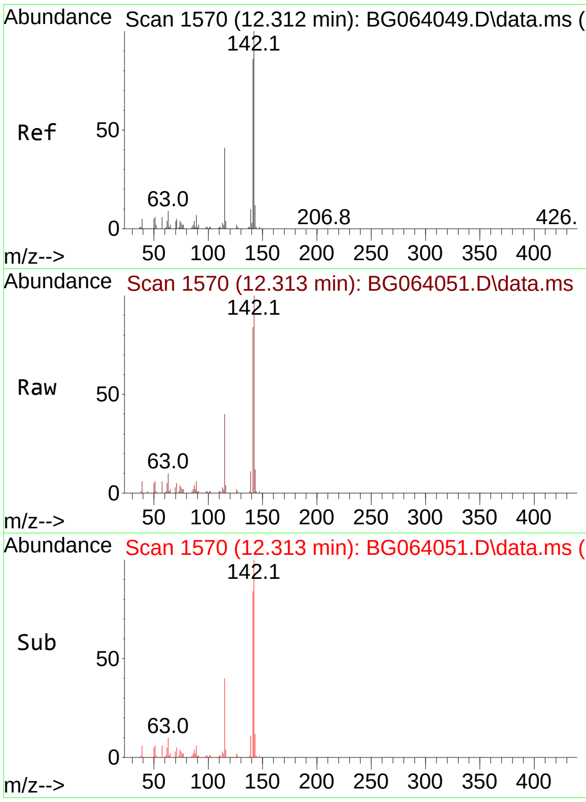


#36
4-Chloro-3-methylphenol
Concen: 65.149 ng
RT: 11.931 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:107 Resp: 199201

Ion	Ratio	Lower	Upper
107	100		
144	22.8	18.6	28.0
142	69.7	58.0	87.0





#37
2-Methylnaphthalene
Concen: 61.379 ng
RT: 12.313 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:142 Resp: 39752

Ion	Ratio	Lower	Upper
142	100		
141	84.5	68.6	103.0
115	40.1	32.8	49.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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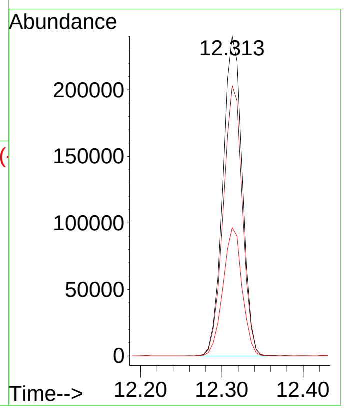
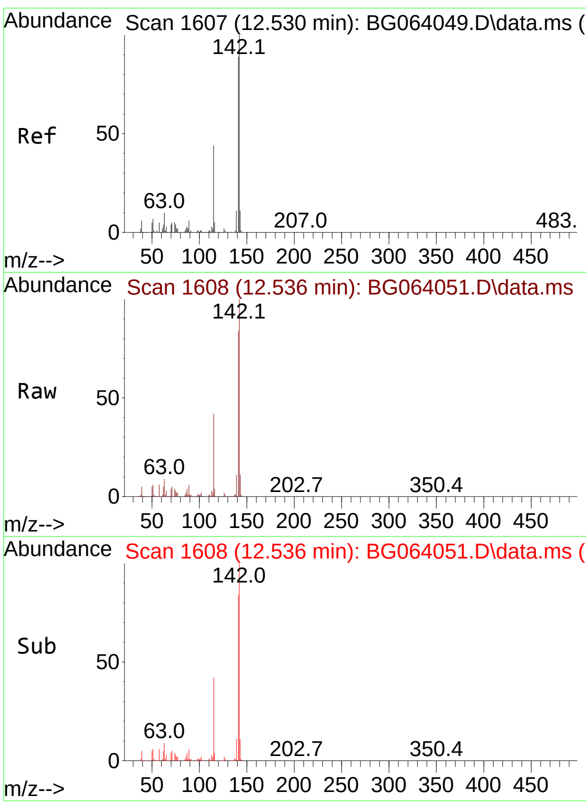
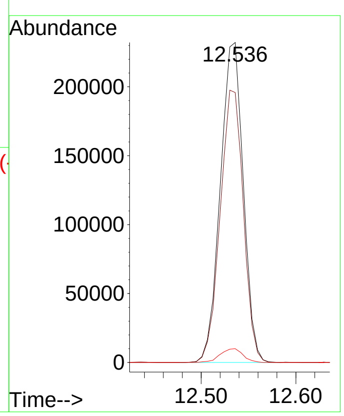


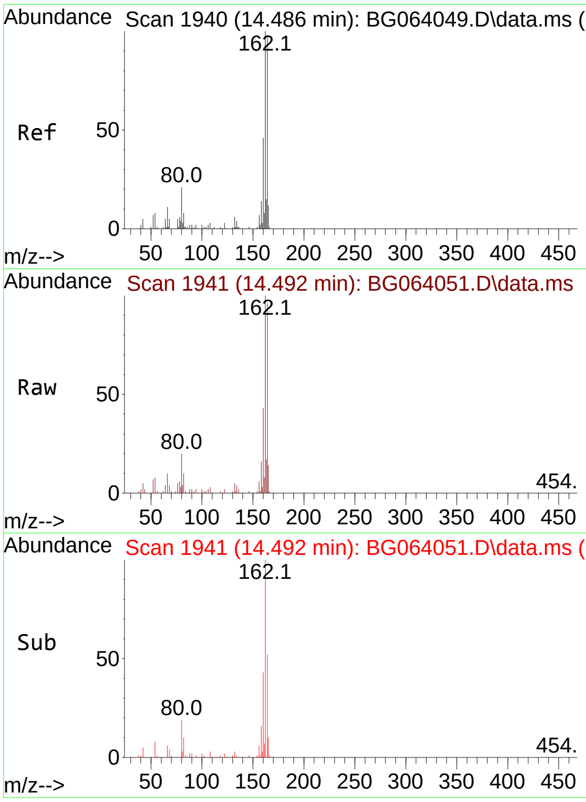


#38
1-Methylnaphthalene
Concen: 61.745 ng
RT: 12.536 min Scan# 1608
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:142 Resp: 391774

Ion	Ratio	Lower	Upper
142	100		
141	84.3	71.2	106.8
116	4.3	3.6	5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 19
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 12050

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.4	122.0
160	44.7	37.0	55.6

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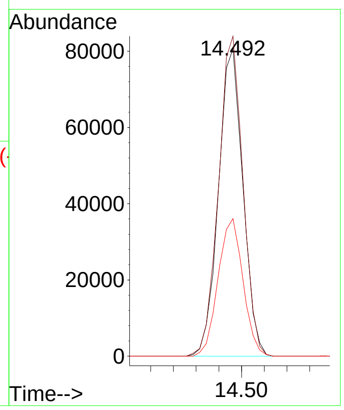
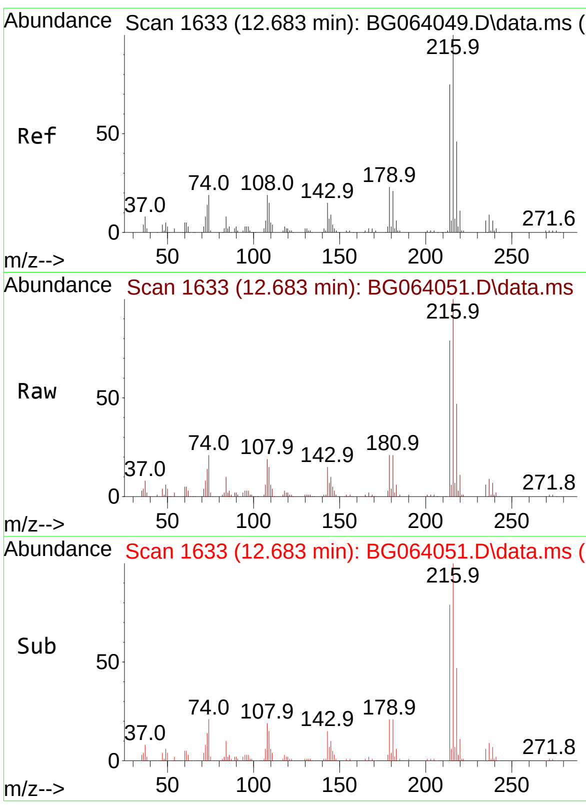
Supervised By :mohammad ahmed 03/07/2025

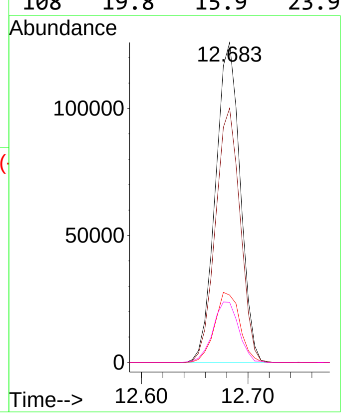




#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.063 ng
RT: 12.683 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:216 Resp: 203188

Ion	Ratio	Lower	Upper
216	100		
214	79.3	61.7	92.5
179	22.3	17.9	26.9
108	19.8	15.9	23.9



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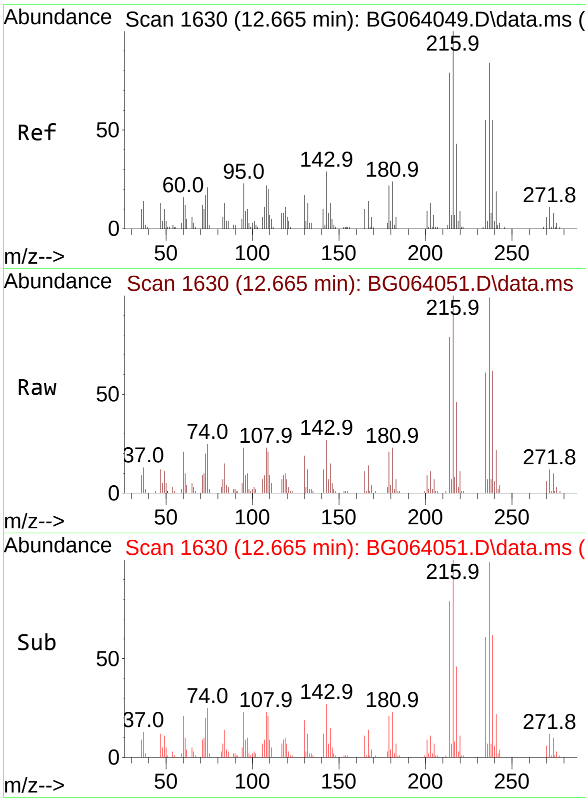

#41
Hexachlorocyclopentadiene
Concen: 67.203 ng
RT: 12.665 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:237 Resp: 6507(

Ion	Ratio	Lower	Upper
237	100		
235	62.2	46.0	86.0
272	12.7	0.0	32.8

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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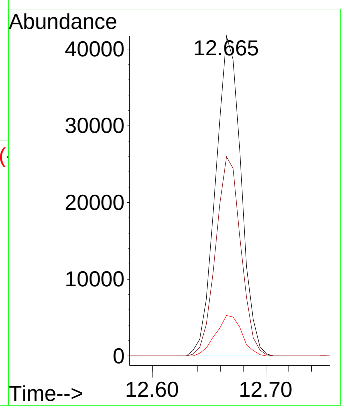
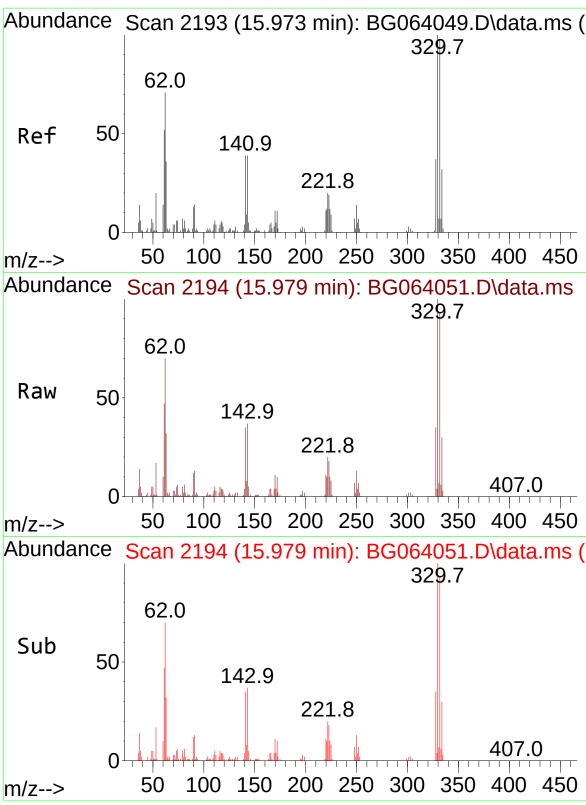
Reviewed By :Jagrut Upadhyay   03/06/2025
Supervised By :mohammad ahmed   03/07/2025

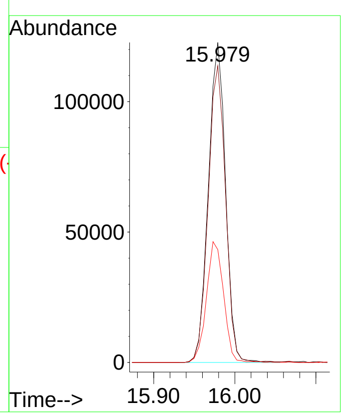


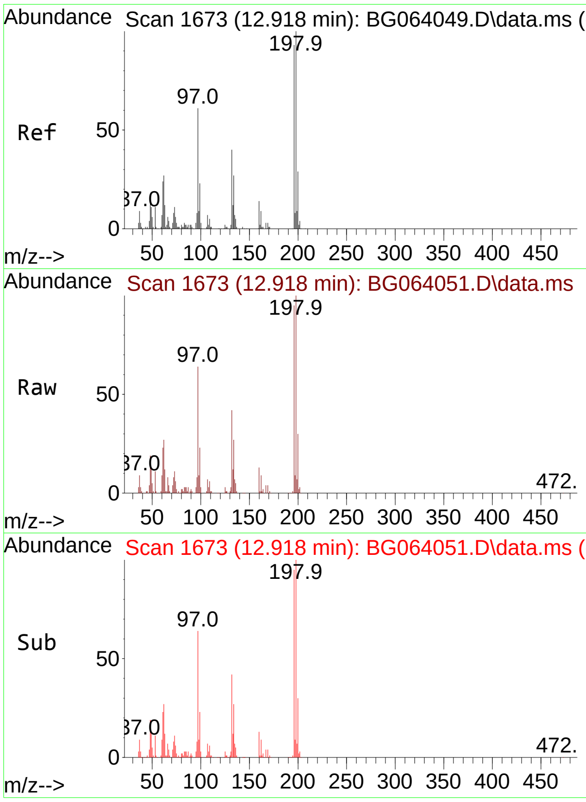


#42
2,4,6-Tribromophenol
Concen: 134.808 ng
RT: 15.979 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:330 Resp: 180569

Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.7	115.1
141	37.7	29.7	44.5





#43
2,4,6-Trichlorophenol
Concen: 65.693 ng
RT: 12.918 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:196 Resp: 13319

Ion	Ratio	Lower	Upper
196	100		
198	105.7	85.6	128.4
200	31.6	24.6	37.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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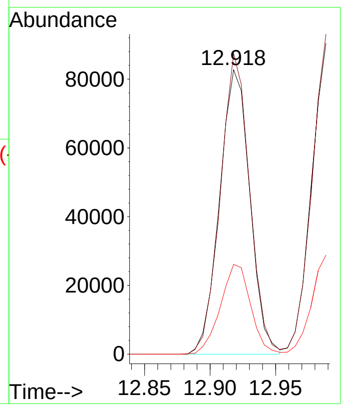
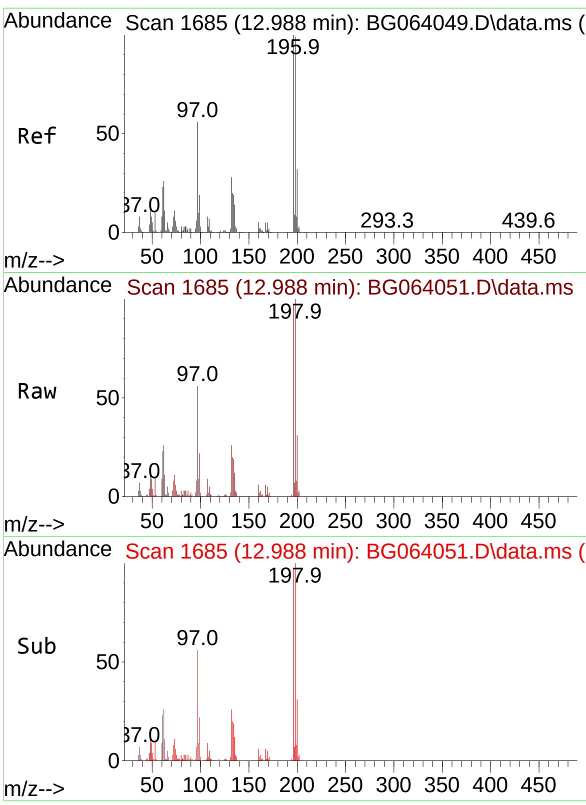
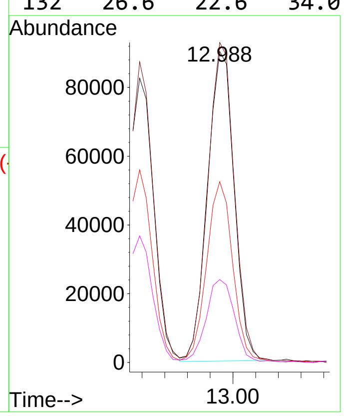


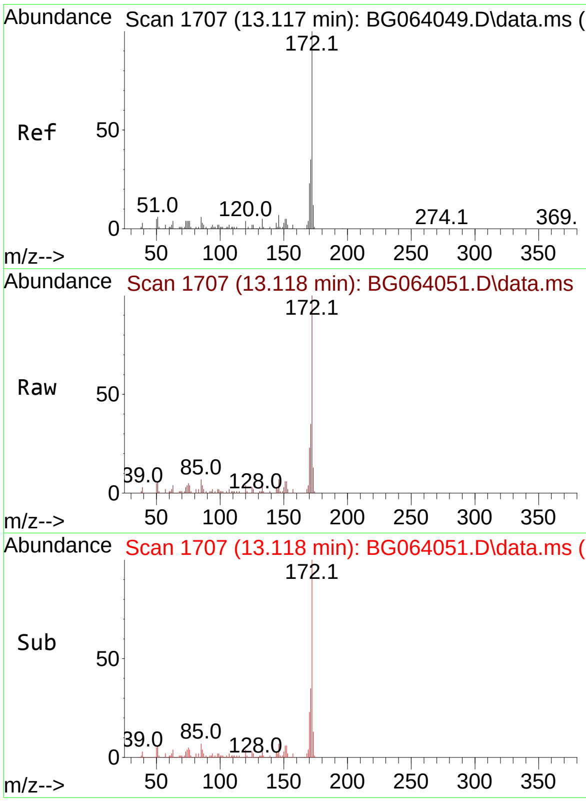


#44
2,4,5-Trichlorophenol
Concen: 65.338 ng
RT: 12.988 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:196 Resp: 147199

Ion	Ratio	Lower	Upper
196	100		
198	102.9	79.5	119.3
97	58.1	45.2	67.8
132	26.6	22.6	34.0

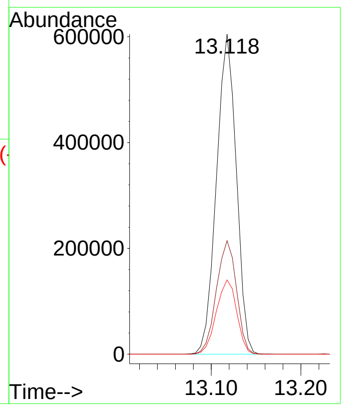




#45
2-Fluorobiphenyl
Concen: 116.978 ng
RT: 13.118 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:172 Resp: 92865

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.0	42.0
170	23.2	18.7	28.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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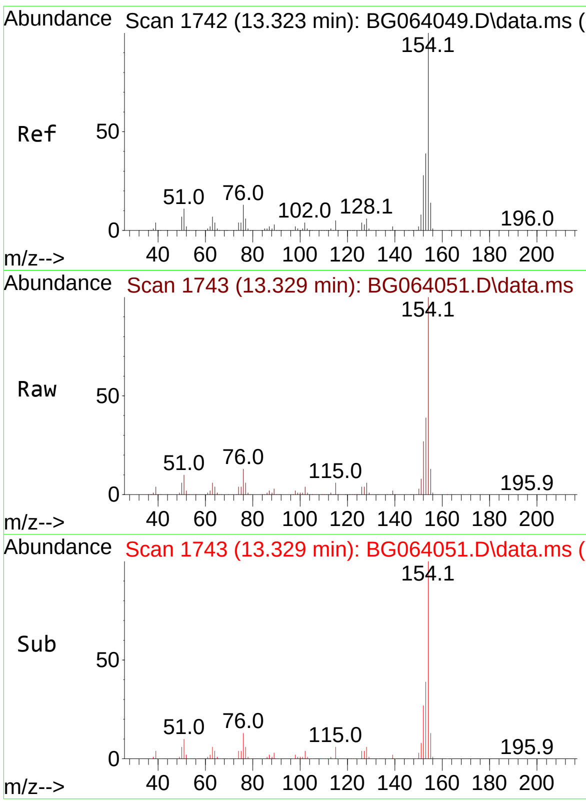
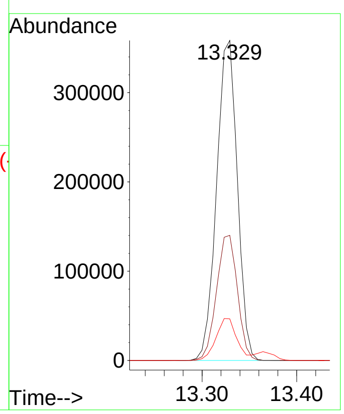


#46
1,1'-Biphenyl
Concen: 60.056 ng
RT: 13.329 min Scan# 1743
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:154 Resp: 546747

Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.5	59.5
76	13.0	0.0	33.5



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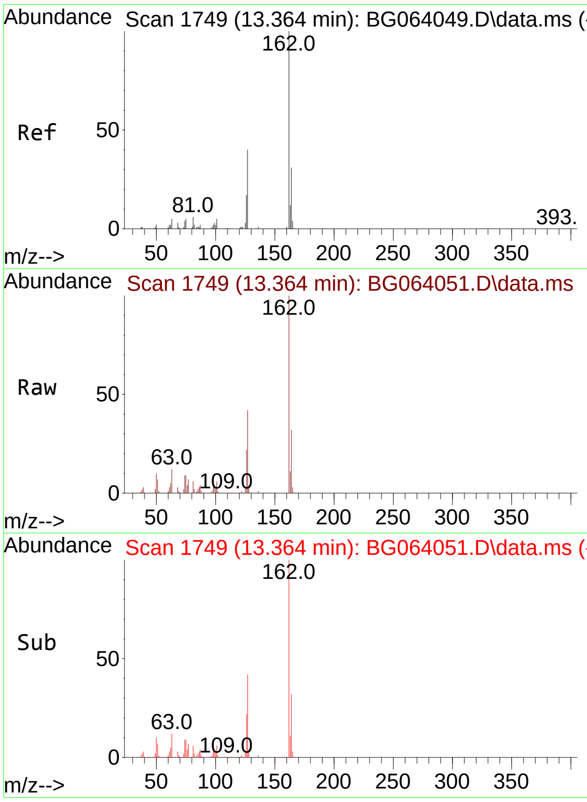

#47
2-Chloronaphthalene
Concen: 61.023 ng
RT: 13.364 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:162 Resp: 40517

Ion	Ratio	Lower	Upper
162	100		
127	42.1	35.0	52.4
164	31.9	25.0	37.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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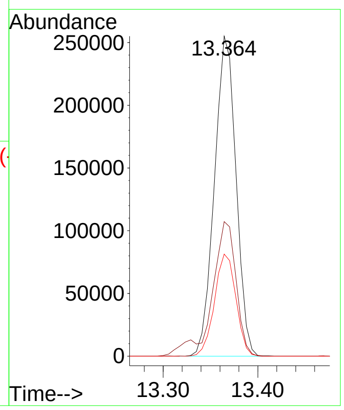
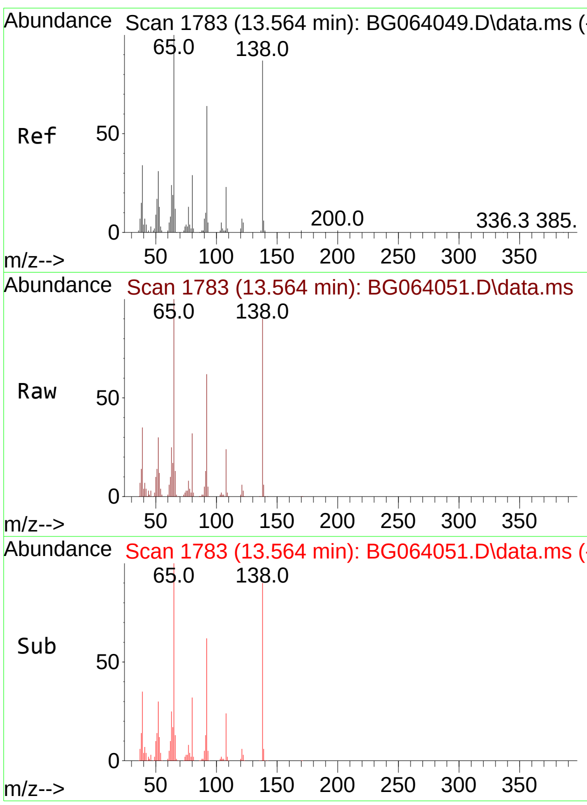
Supervised By :mohammad ahmed 03/07/2025

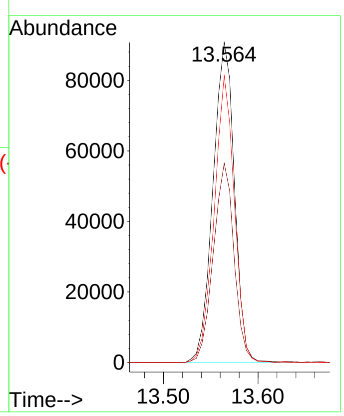




#48
2-Nitroaniline
Concen: 61.521 ng
RT: 13.564 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 65 Resp: 143213

Ion	Ratio	Lower	Upper
65	100		
92	62.2	51.2	76.8
138	89.6	69.4	104.2



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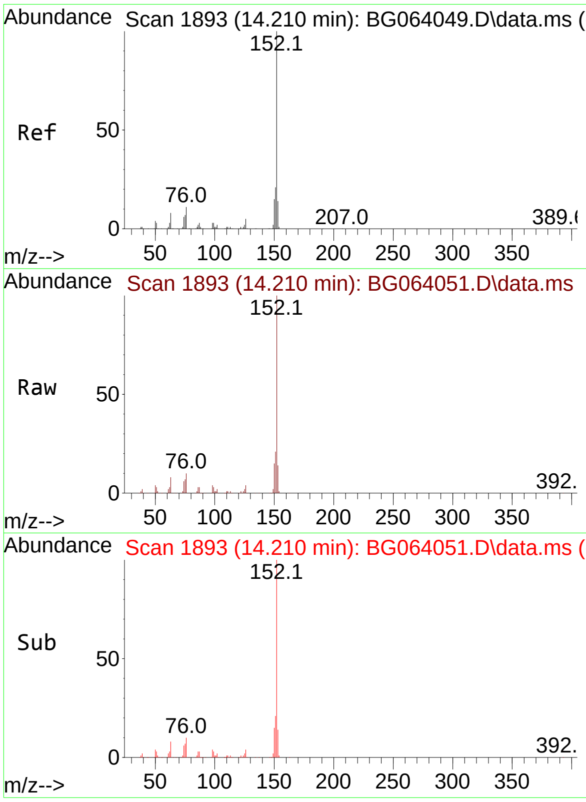

#49
Acenaphthylene
Concen: 61.154 ng
RT: 14.210 min Scan# 1

Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:152 Resp: 64225

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.4	24.6
153	13.9	10.9	16.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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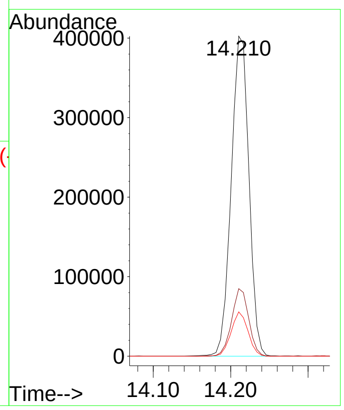
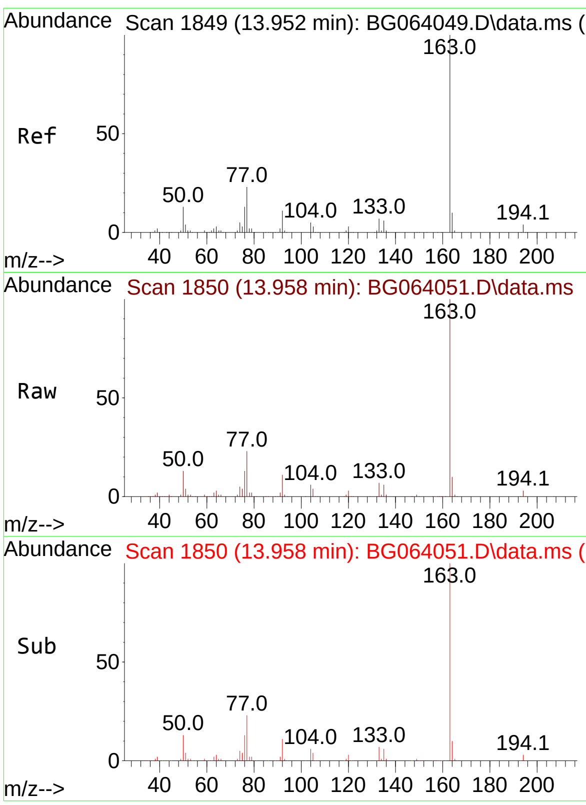
Supervised By :mohammad ahmed 03/07/2025

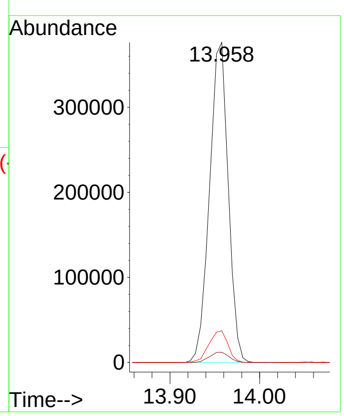


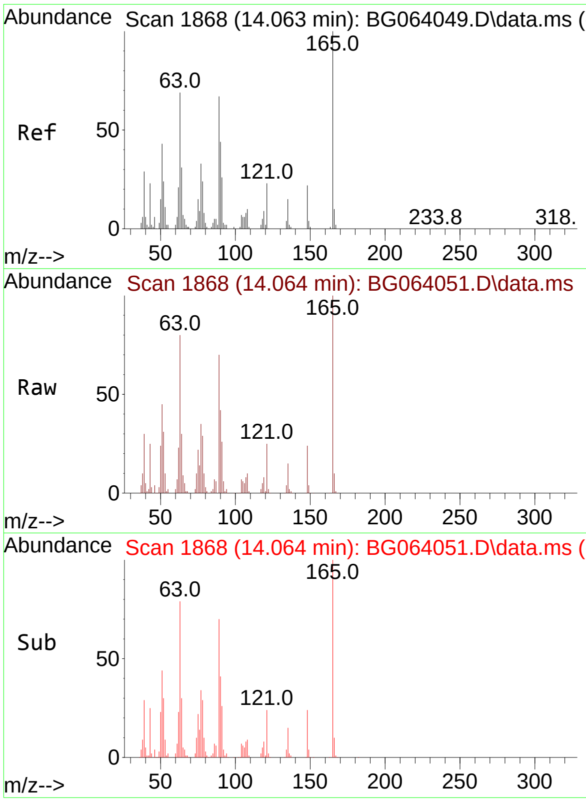


#50
Dimethylphthalate
Concen: 61.282 ng
RT: 13.958 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:163 Resp: 545112

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	9.9	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 60.475 ng
RT: 14.064 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 11082

Ion	Ratio	Lower	Upper
165	100		
63	79.8	56.7	85.1
89	70.5	53.7	80.5

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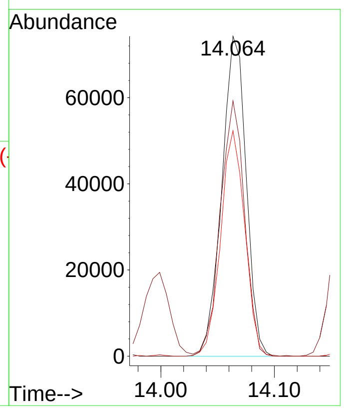
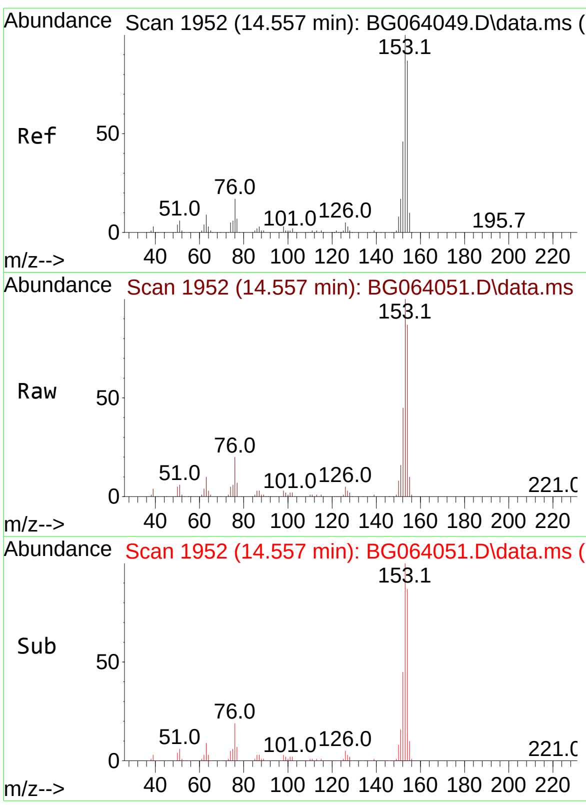
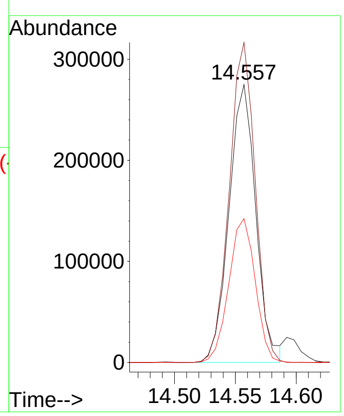


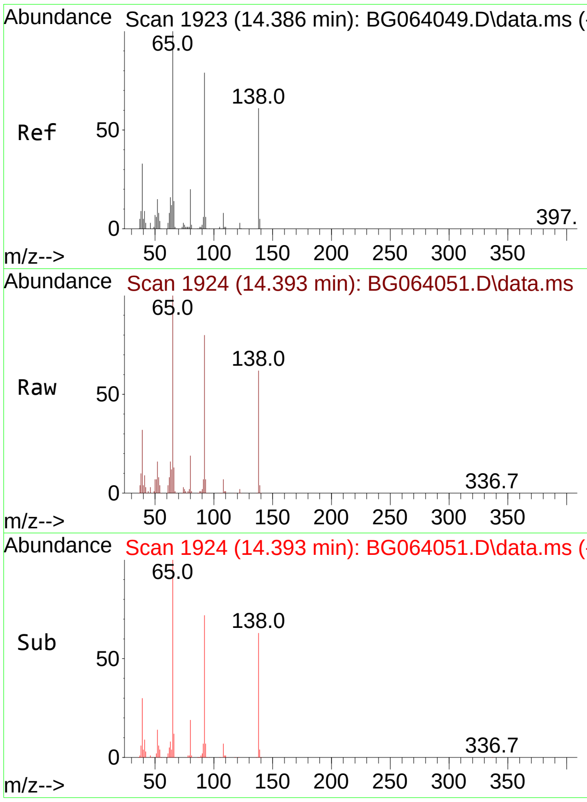


#52
Acenaphthene
Concen: 59.918 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:154 Resp: 423181

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.6	137.4
152	51.8	42.5	63.7





#53
3-Nitroaniline
Concen: 69.150 ng
RT: 14.393 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 11888

Ion	Ratio	Lower	Upper
138	100		
108	11.8	10.1	15.1
92	129.1	104.1	156.1

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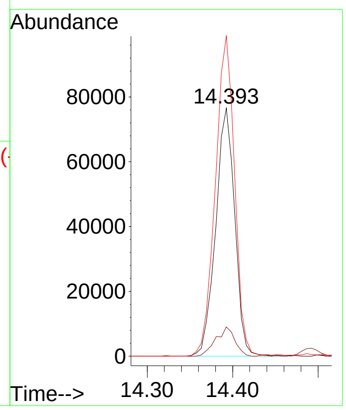
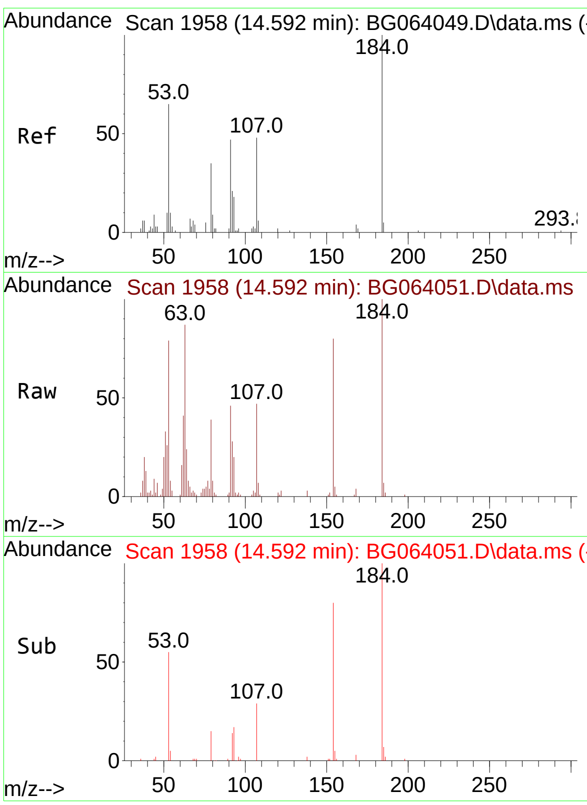
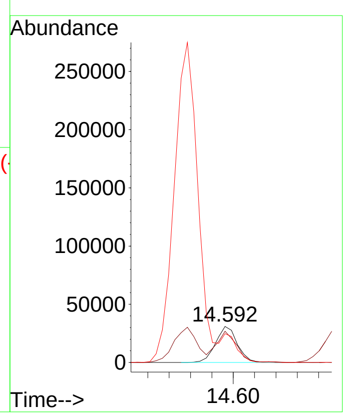


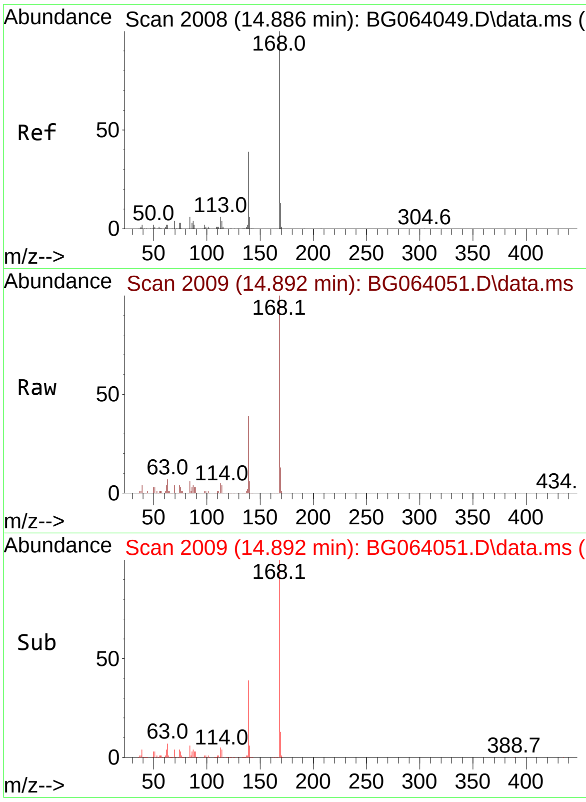


#54
2,4-Dinitrophenol
Concen: 60.118 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:184 Resp: 43597

Ion	Ratio	Lower	Upper
184	100		
63	86.6	57.5	86.3#
154	80.0	52.3	78.5#





#55
Dibenzofuran
Concen: 59.009 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:168 Resp: 67376

Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.1	46.7
169	13.2	10.5	15.7

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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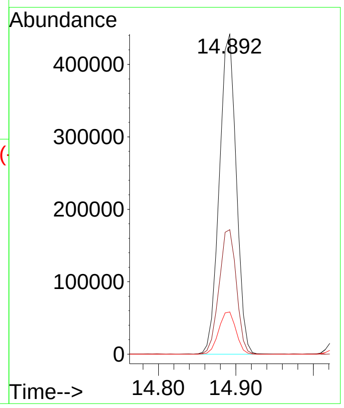
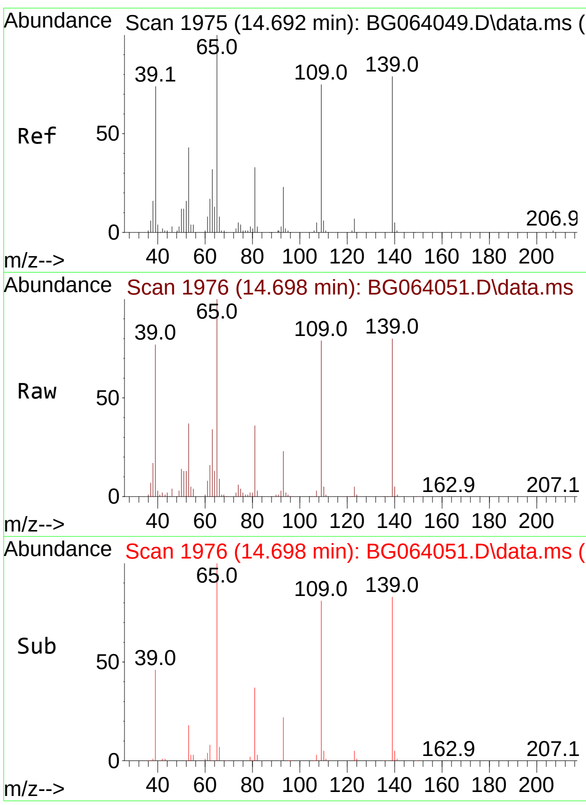
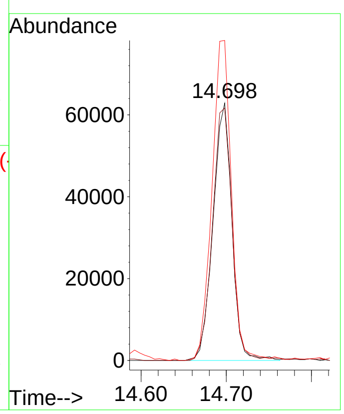


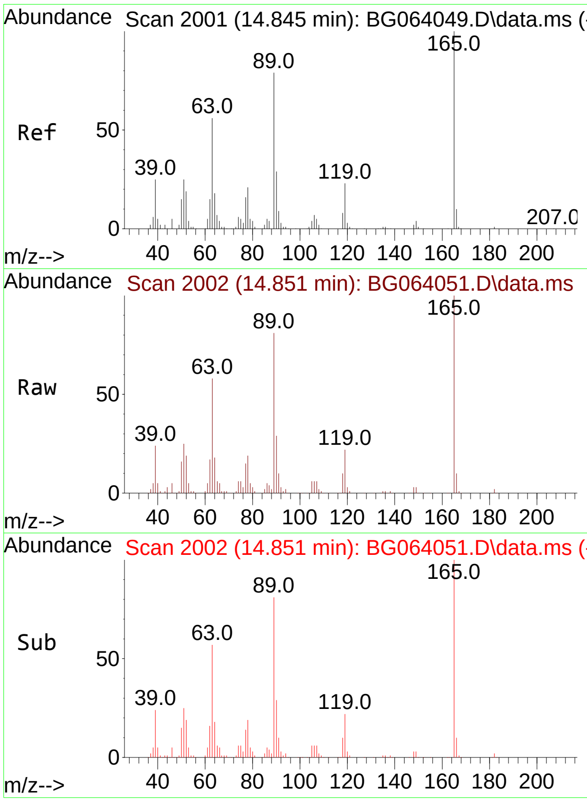


#56
4-Nitrophenol
Concen: 67.751 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:139 Resp: 97685

Ion	Ratio	Lower	Upper
139	100		
109	98.1	74.9	114.9
65	124.4	106.8	146.8






```
#57
2,4-Dinitrotoluene
Concen:   60.762 ng
RT:  14.851 min  Scan# 2
Delta R.T.  0.006 min
Lab File:   BG064051.D
Acq:  5 Mar 2025  13:04

Tgt Ion:165 Resp:  153908
Ion  Ratio  Lower  Upper
165  100
 63   57.7   45.0   67.6
 89   81.5   63.1   94.7
182    1.7    1.0    1.4#
```

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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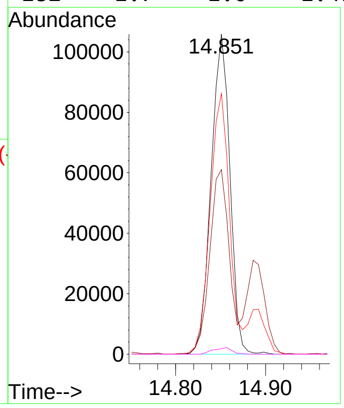
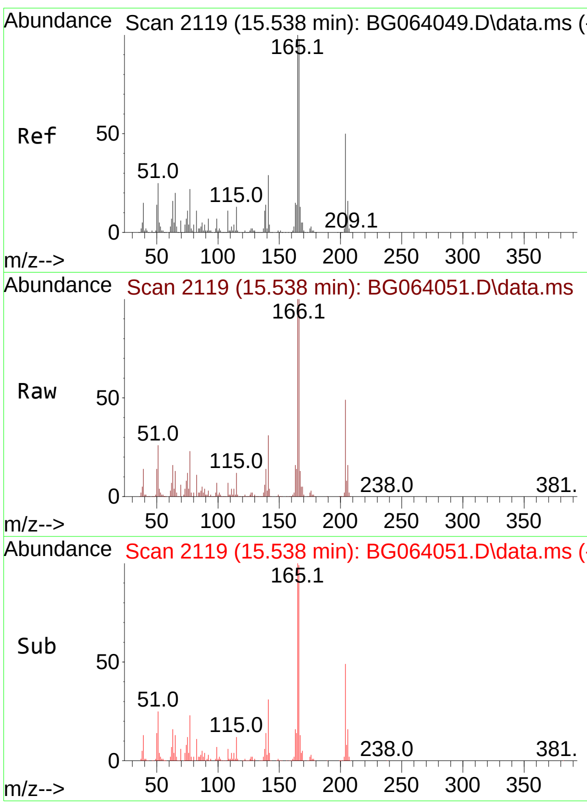
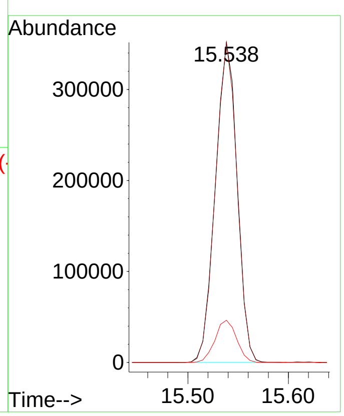





```
#58
Fluorene
Concen:   59.367 ng
RT:  15.538 min  Scan# 2119
Delta R.T.  0.000 min
Lab File:   BG064051.D
Acq:  5 Mar 2025  13:04

Tgt Ion:166 Resp:  527952
Ion  Ratio  Lower  Upper
166  100
165  100.0   81.8  122.8
167   13.2   10.8   16.2
```



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Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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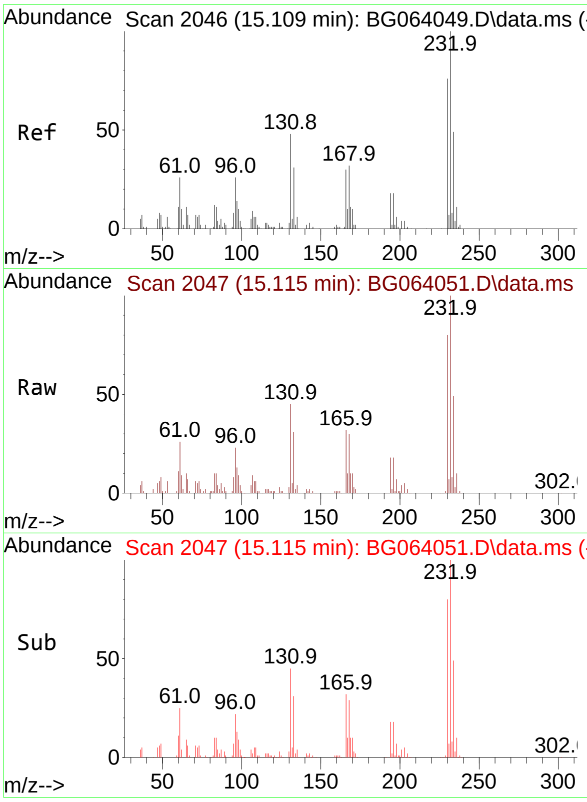
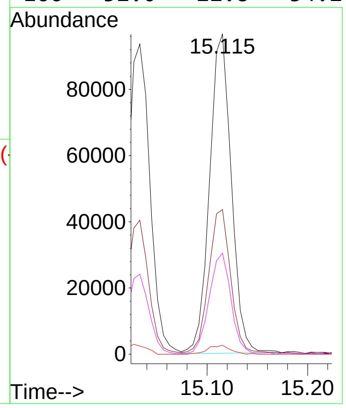
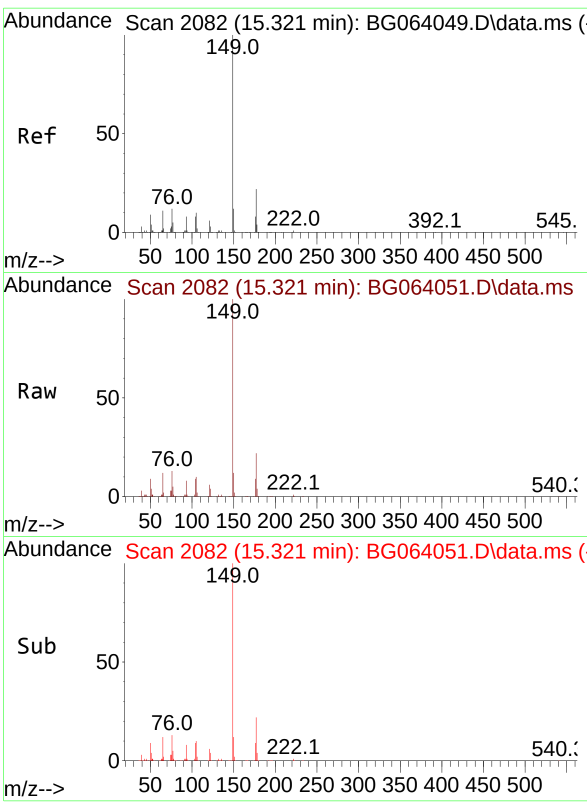


#59
2,3,4,6-Tetrachlorophenol
Concen: 66.199 ng
RT: 15.115 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:232 Resp: 14539

Ion	Ratio	Lower	Upper
232	100		
131	46.7	36.3	54.5
130	2.9	1.9	2.9
166	32.0	22.8	34.2

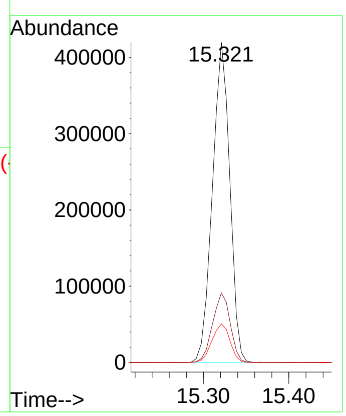


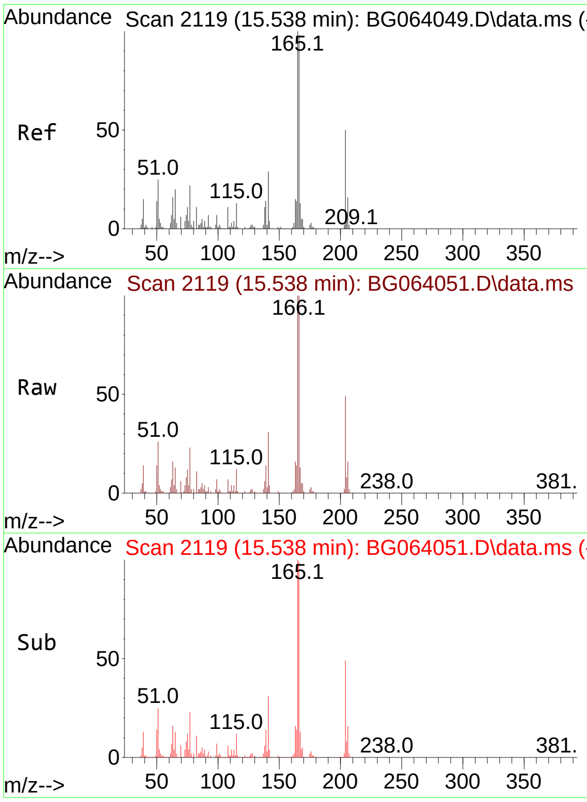


#60
Diethylphthalate
Concen: 61.289 ng
RT: 15.321 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:149 Resp: 591838

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.0	9.4	14.2





#61
4-Chlorophenyl-phenylether
Concen: 59.007 ng
RT: 15.538 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

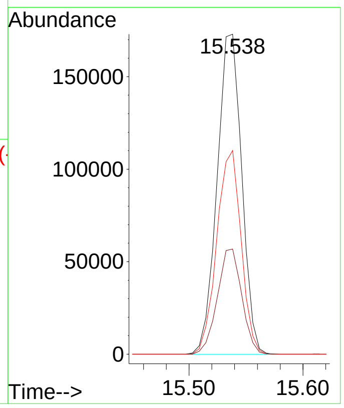
Tgt Ion:204 Resp: 26076

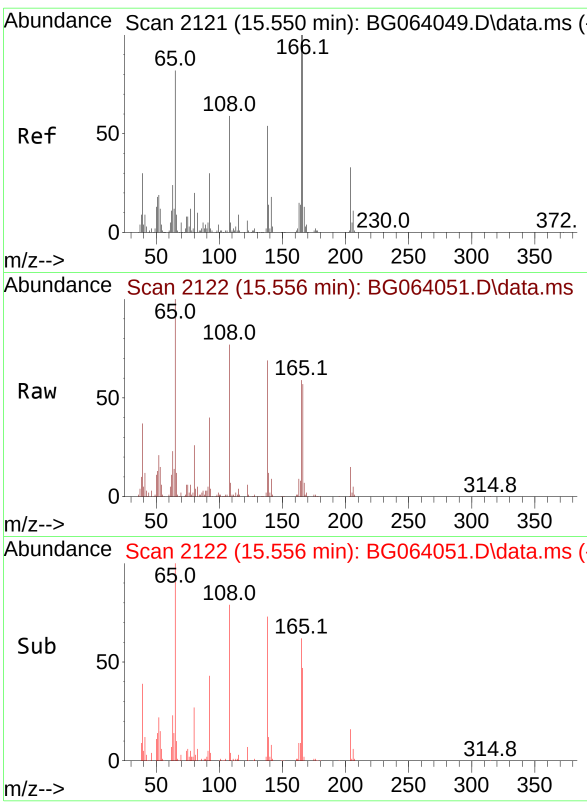
Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.5	38.3
141	63.7	45.4	68.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

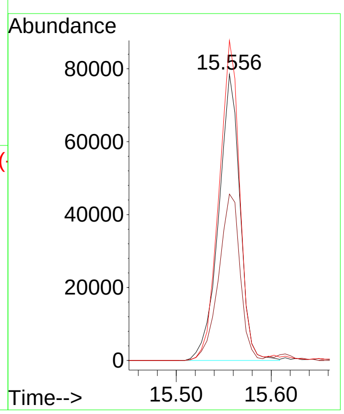


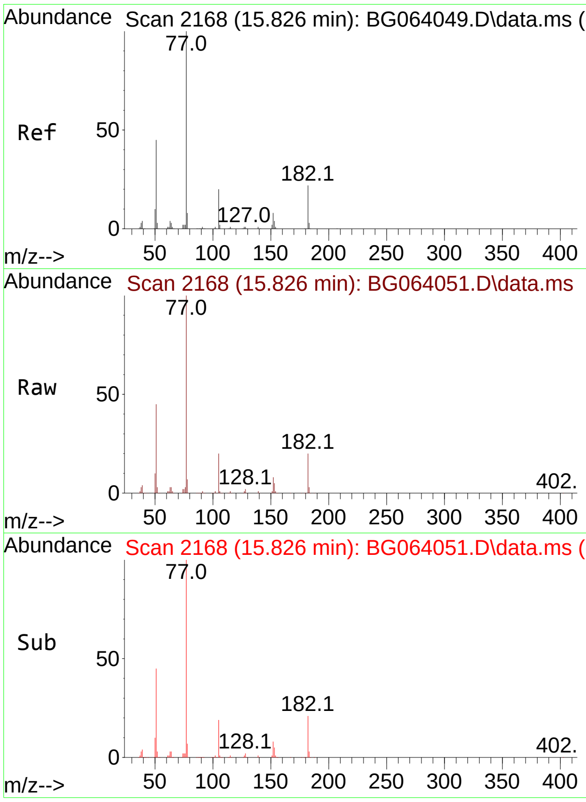


#62
4-Nitroaniline
Concen: 65.996 ng
RT: 15.556 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:138 Resp: 122494

Ion	Ratio	Lower	Upper
138	100		
92	58.1	36.1	76.1
108	111.8	87.9	127.9

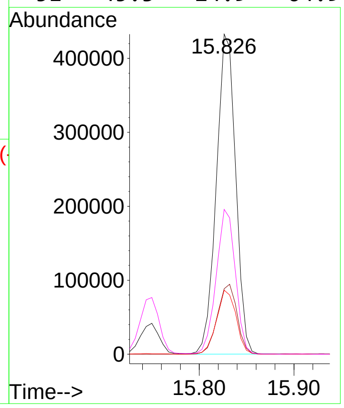




#63
Azobenzene
Concen: 59.818 ng
RT: 15.826 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion: 77 Resp: 61638

Ion	Ratio	Lower	Upper
77	100		
182	20.4	2.4	42.4
105	20.0	0.0	40.0
51	45.3	24.9	64.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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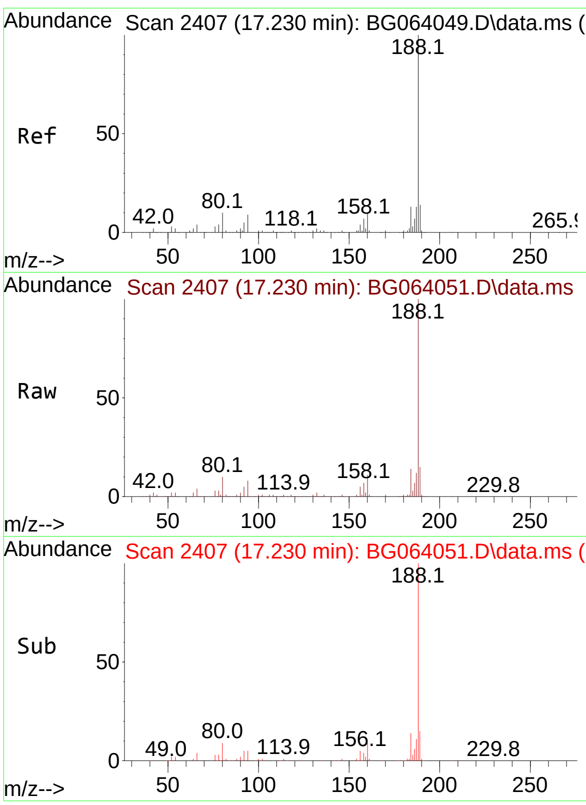
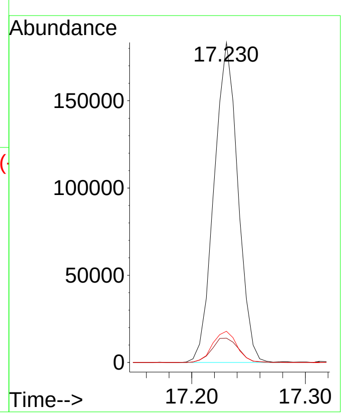


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.230 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:188 Resp: 267696

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	9.8	8.1	12.1



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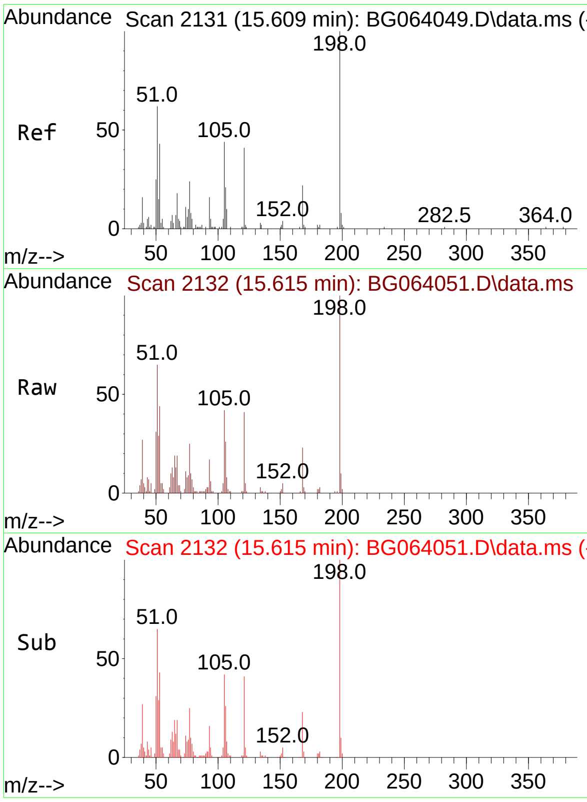

#65
4,6-Dinitro-2-methylphenol
Concen: 61.305 ng
RT: 15.615 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:198 Resp: 7405

Ion	Ratio	Lower	Upper
198	100		
51	65.1	45.6	85.6
105	41.7	25.3	65.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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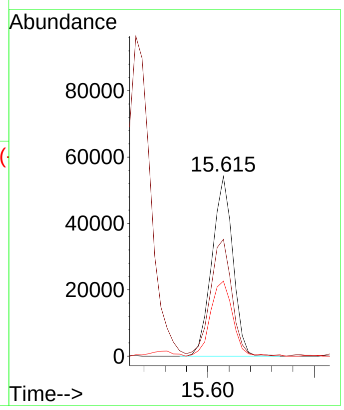
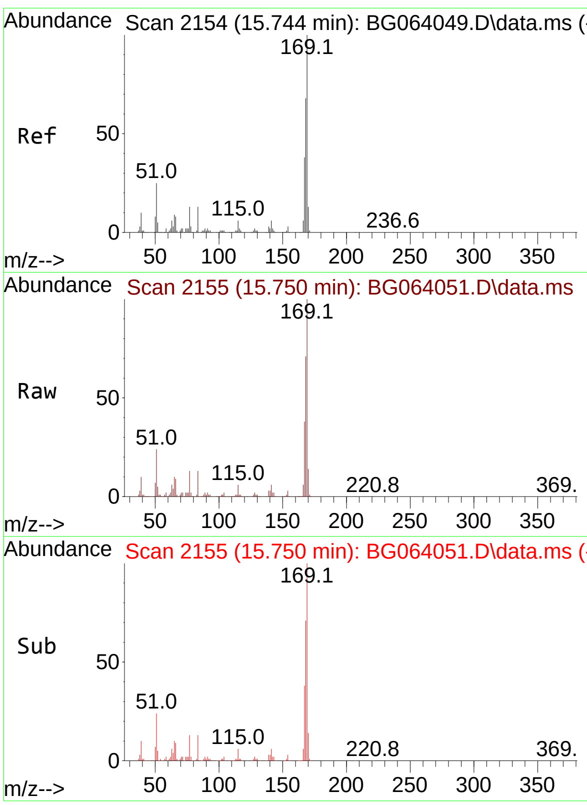
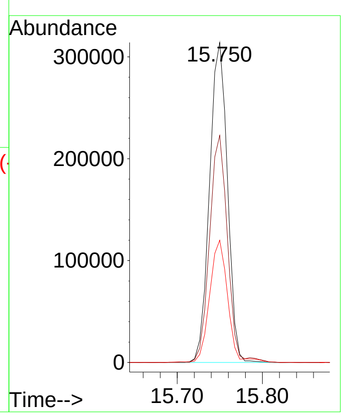




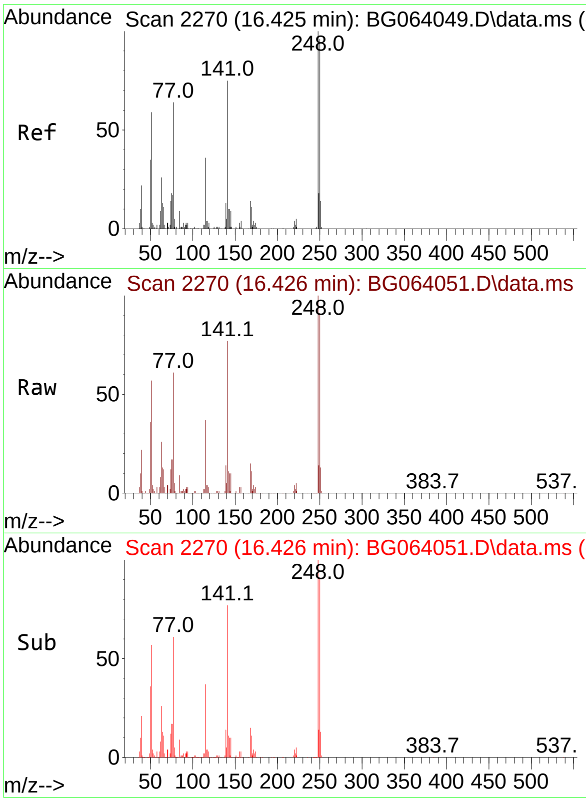
#66
n-Nitrosodiphenylamine
Concen: 60.488 ng
RT: 15.750 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:169 Resp: 458342

Ion	Ratio	Lower	Upper
169	100		
168	71.0	54.1	81.1
167	38.2	30.3	45.5



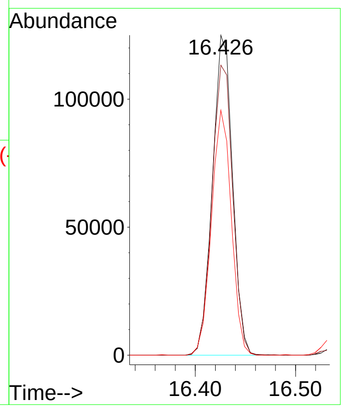
ICAL Form



#67
4-Bromophenyl-phenylether
Concen: 63.681 ng
RT: 16.426 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:248 Resp: 17459

Ion	Ratio	Lower	Upper
248	100		
250	90.7	77.1	115.7
141	76.6	59.8	89.8



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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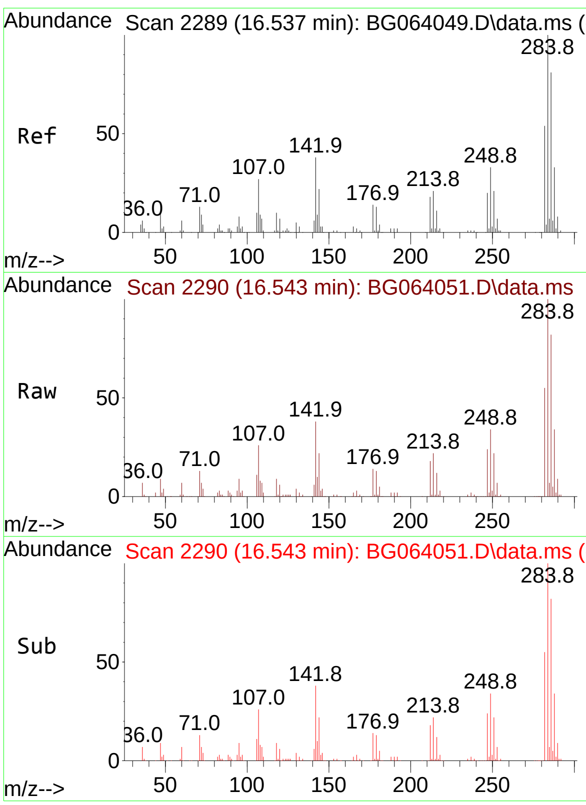
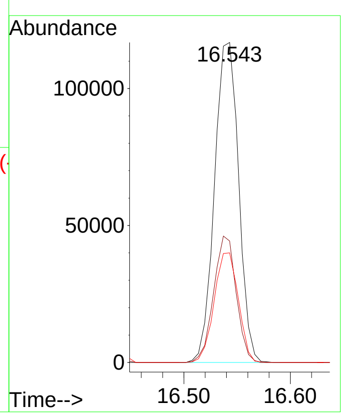


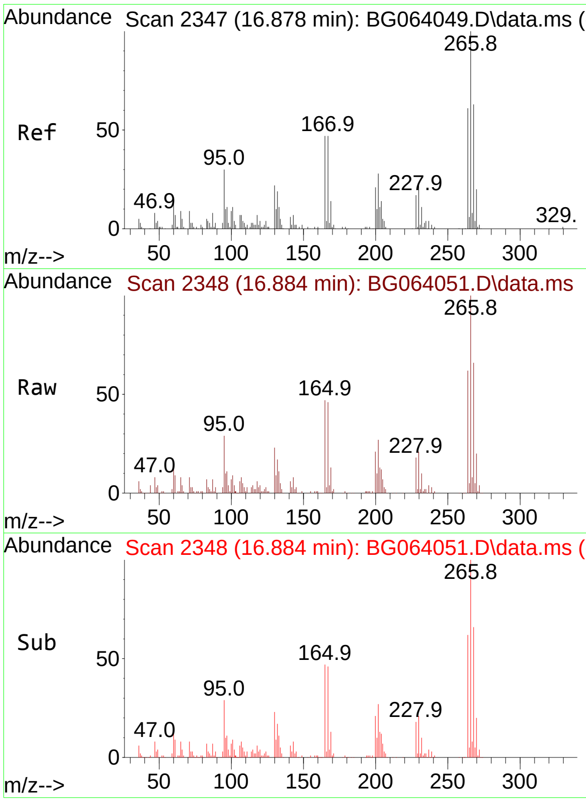
#68
Hexachlorobenzene
Concen: 59.848 ng
RT: 16.543 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:284 Resp: 183700

Ion	Ratio	Lower	Upper
284	100		
142	37.9	30.6	45.8
249	34.3	26.6	39.8



ICAL Form



#70
Pentachlorophenol
Concen: 66.910 ng
RT: 16.884 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:266 Resp: 12751

Ion	Ratio	Lower	Upper
266	100		
268	65.5	50.2	75.4
264	62.4	48.9	73.3

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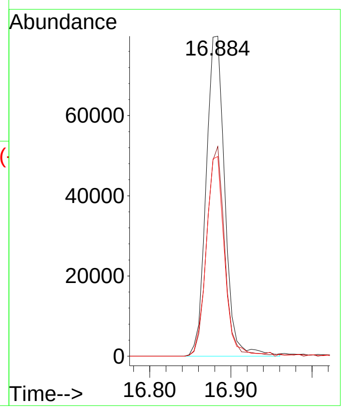
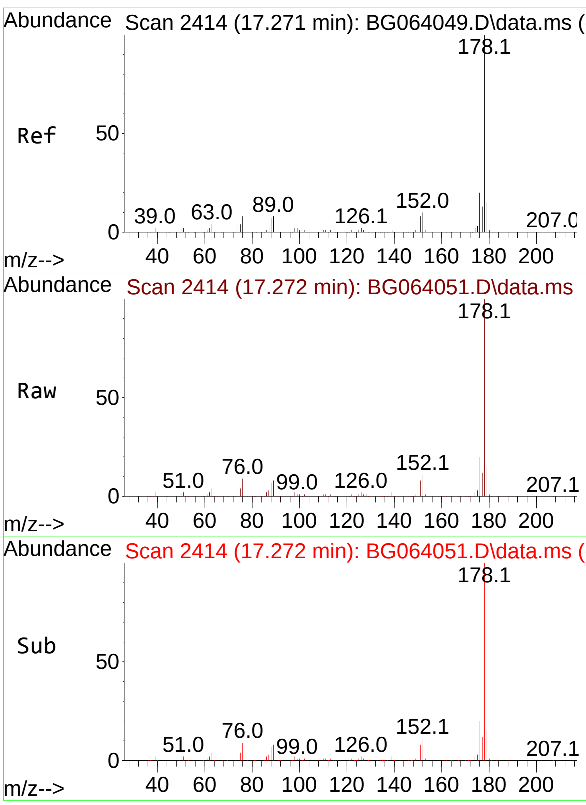
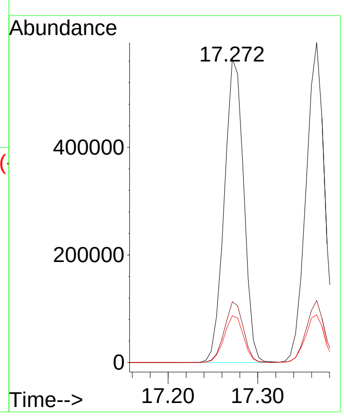




#71
Phenanthrene
Concen: 59.544 ng
RT: 17.272 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:178 Resp: 850190

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.4	12.2	18.2



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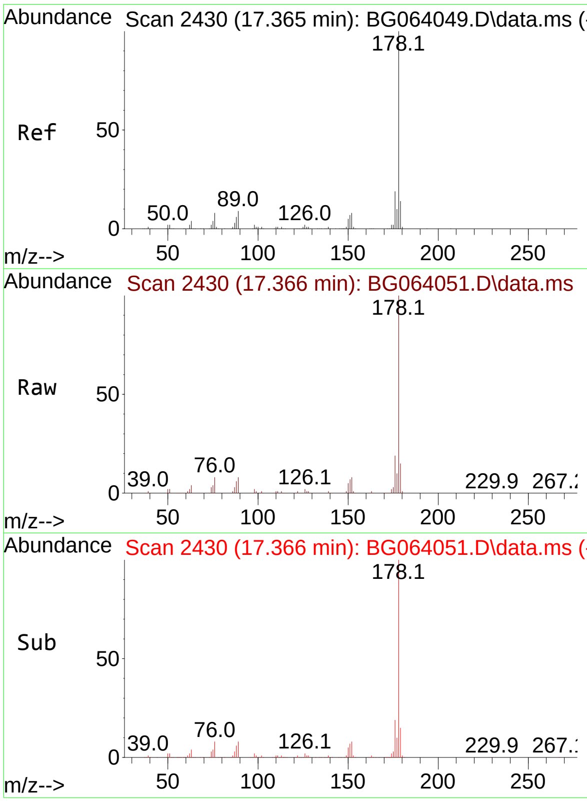

#72
Anthracene
Concen: 60.267 ng
RT: 17.366 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:178 Resp: 85566

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.8	22.2
179	14.9	11.5	17.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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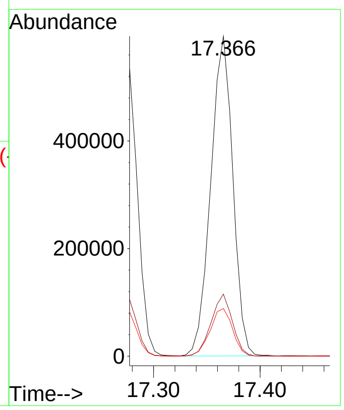
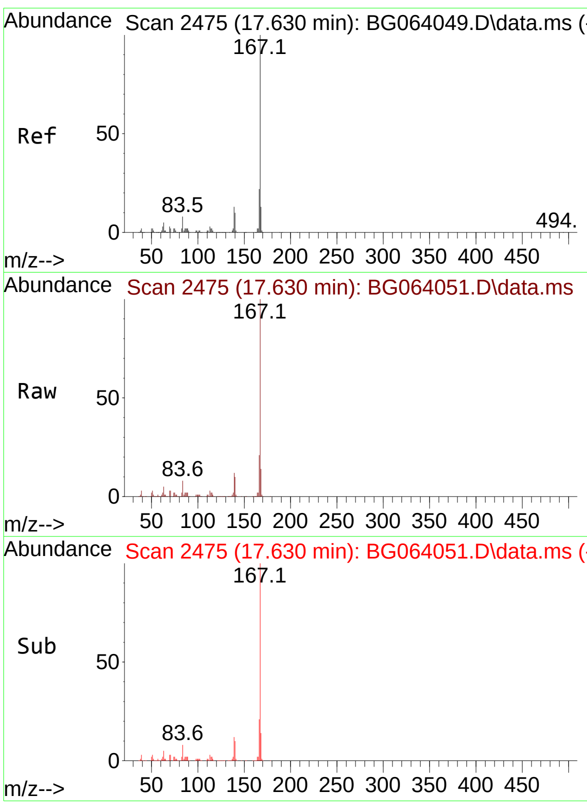
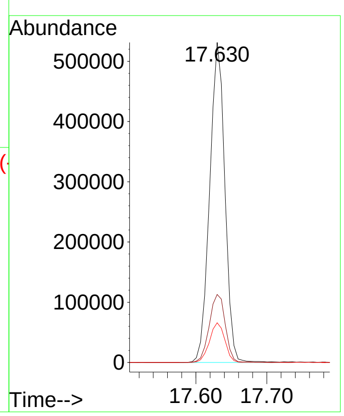




#73
Carbazole
Concen: 59.729 ng
RT: 17.630 min Scan# 2475
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:167 Resp: 791764

Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.0	27.0
139	12.4	10.6	15.8



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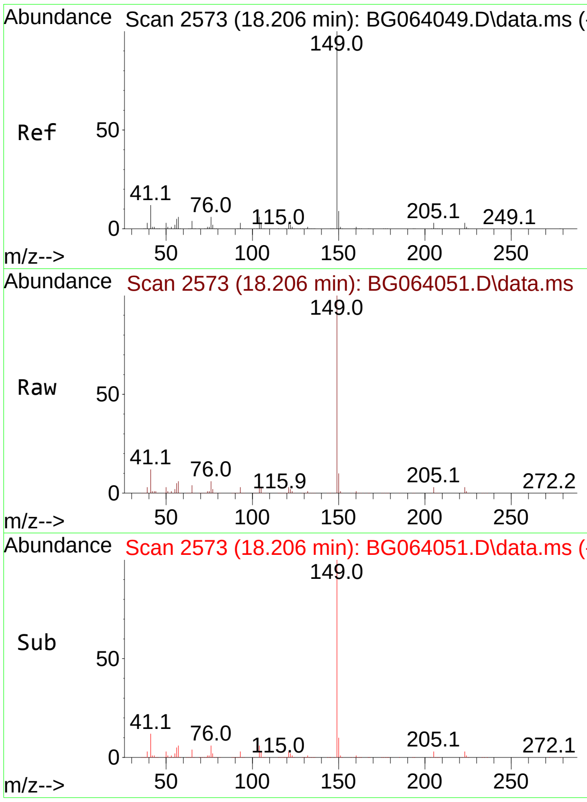

#74
Di-n-butylphthalate
Concen: 62.731 ng
RT: 18.206 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:149 Resp: 978831

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.4	11.0
104	6.3	5.0	7.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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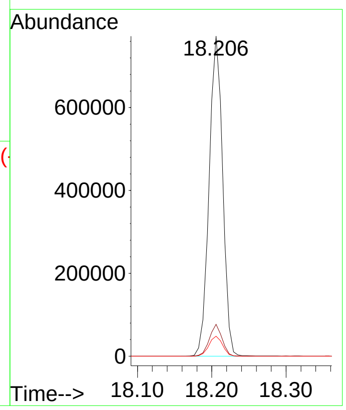
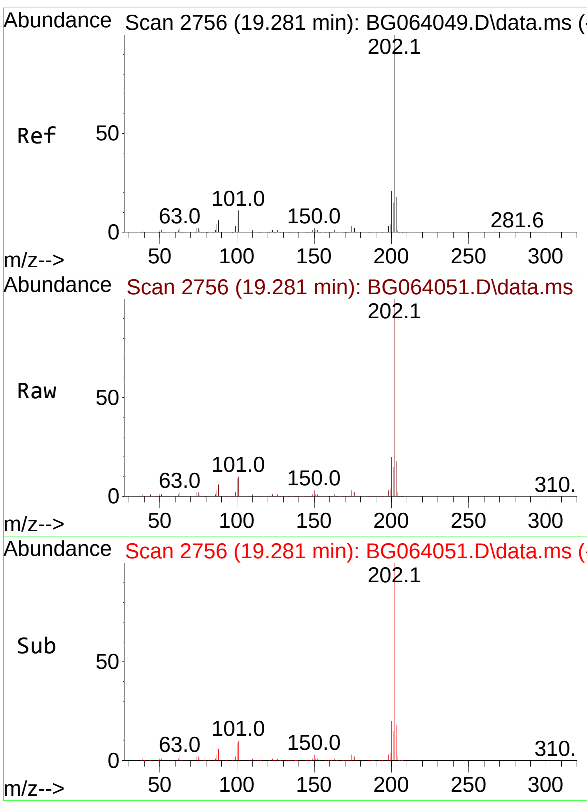
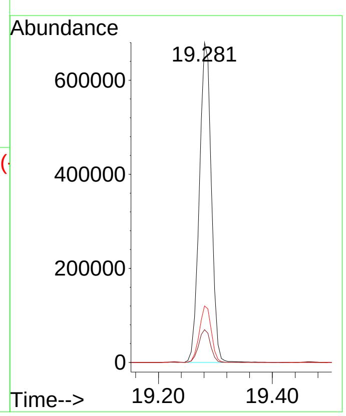


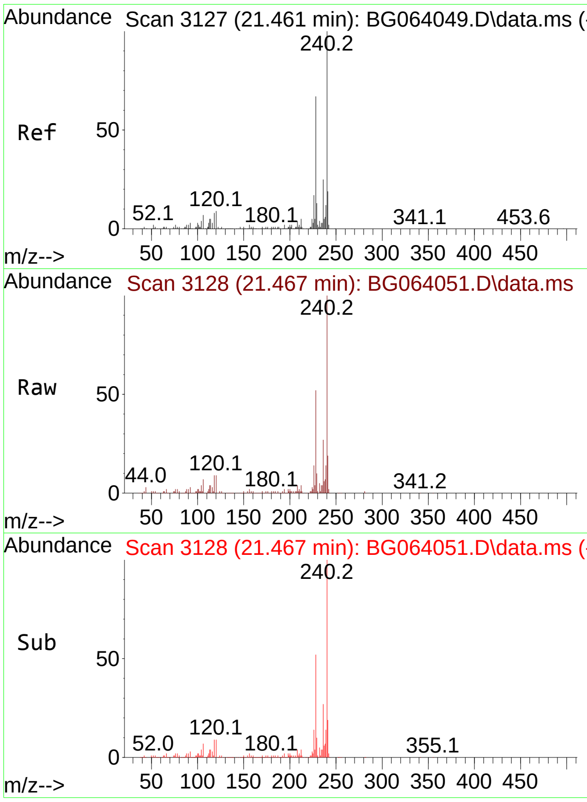


#75
Fluoranthene
Concen: 57.980 ng
RT: 19.281 min Scan# 2756
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:202 Resp: 998035

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.5
203	17.7	0.0	38.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.467 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:240 Resp: 267699

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.2	10.8
236	26.6	20.2	30.2

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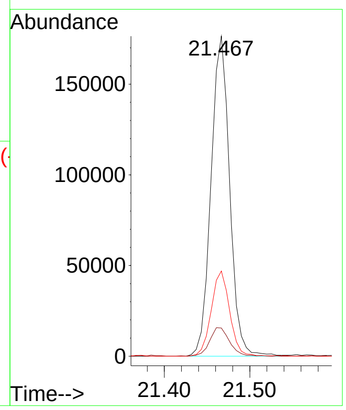
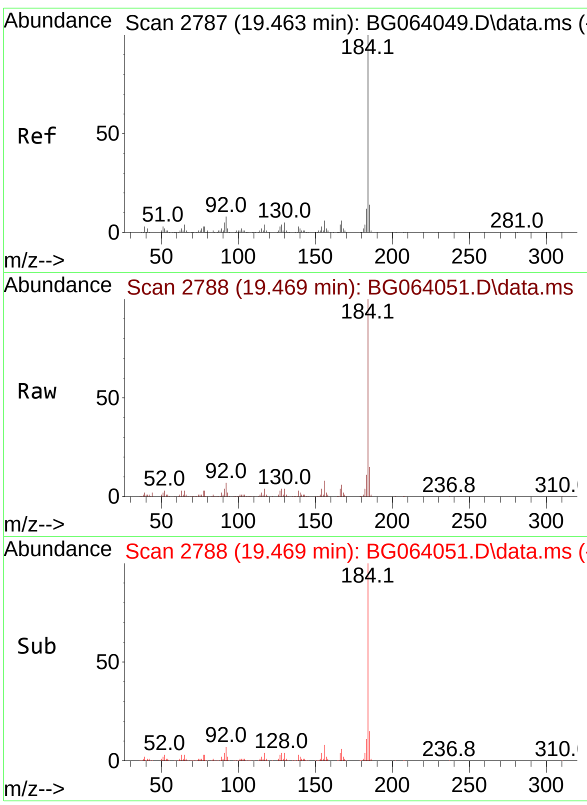
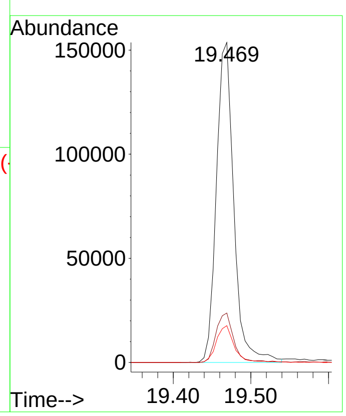




#77
Benzidine
Concen: 63.973 ng
RT: 19.469 min Scan# 2788
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:184 Resp: 240411

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.3	16.9
183	11.5	9.5	14.3



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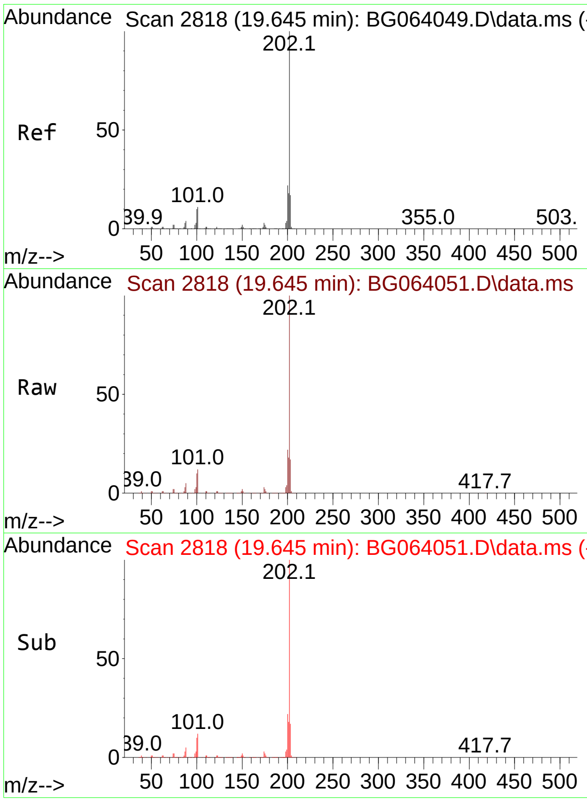
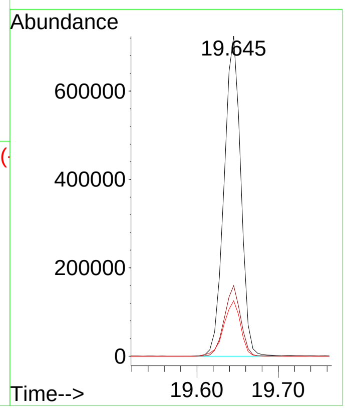


#78
Pyrene
Concen: 60.030 ng
RT: 19.645 min Scan# 28
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:202 Resp: 1035908

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.3	25.9
203	17.3	13.6	20.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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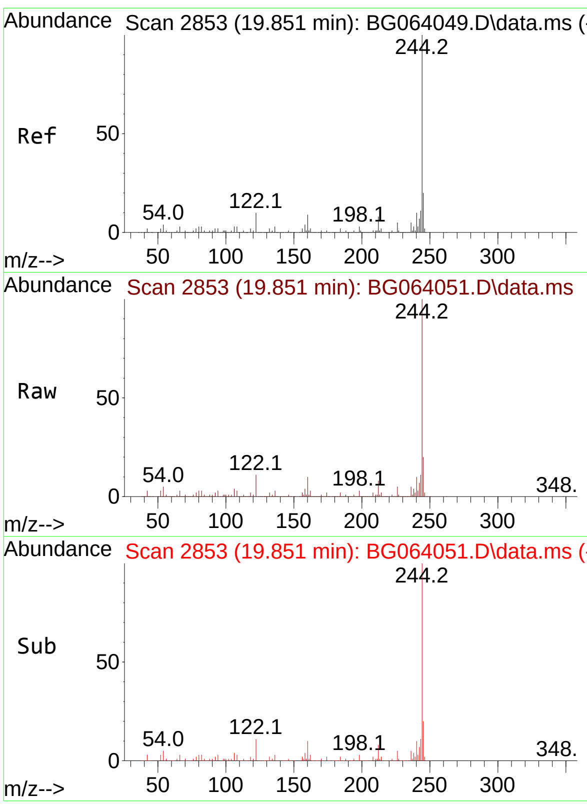
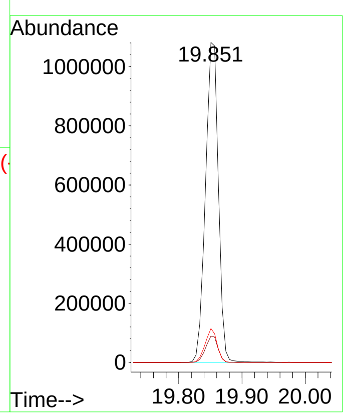


#79
Terphenyl-d14
Concen: 116.081 ng
RT: 19.851 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:244 Resp: 1536841

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.4
122	10.6	8.0	12.0



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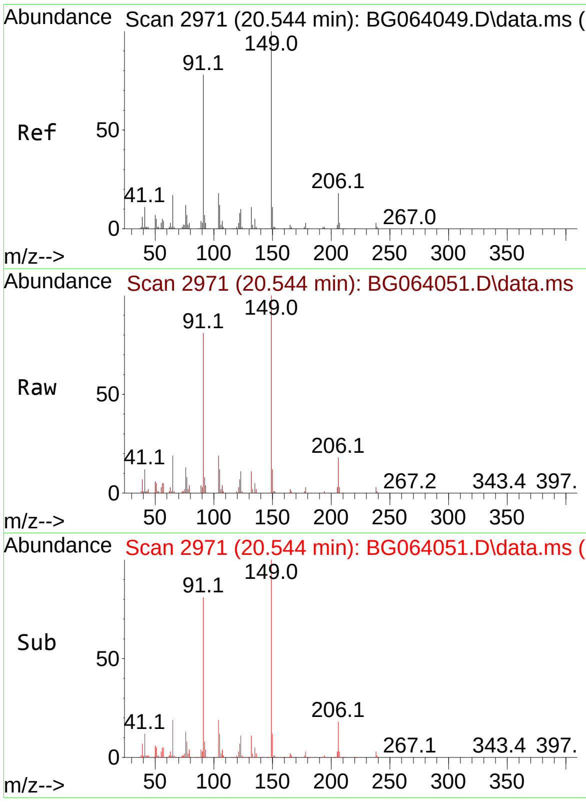

#80
Butylbenzylphthalate
Concen: 61.244 ng
RT: 20.544 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 40360

Ion	Ratio	Lower	Upper
149	100		
91	81.1	62.0	93.0
206	18.4	14.6	21.8

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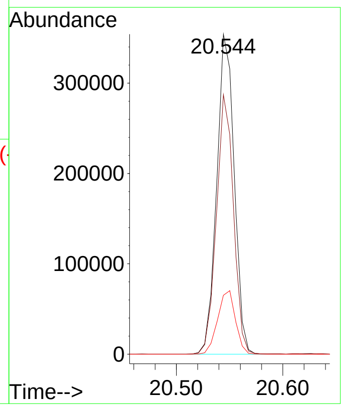
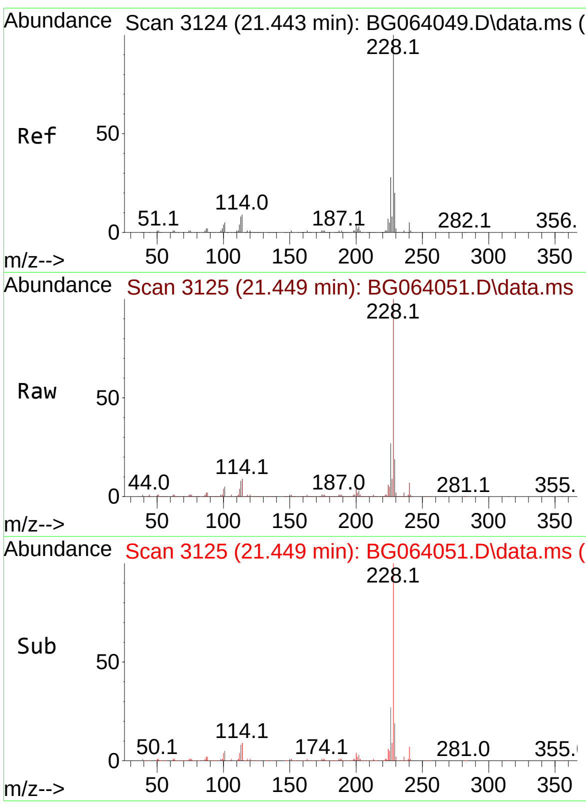
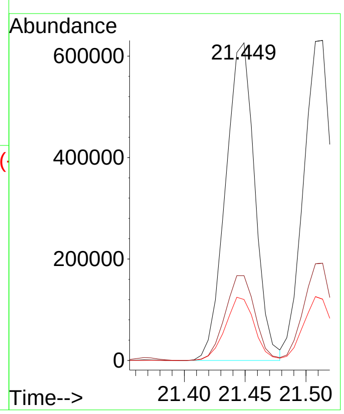




#81
Benzo(a)anthracene
Concen: 61.323 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:228 Resp: 1051558

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.2	33.2
229	19.2	16.4	24.6



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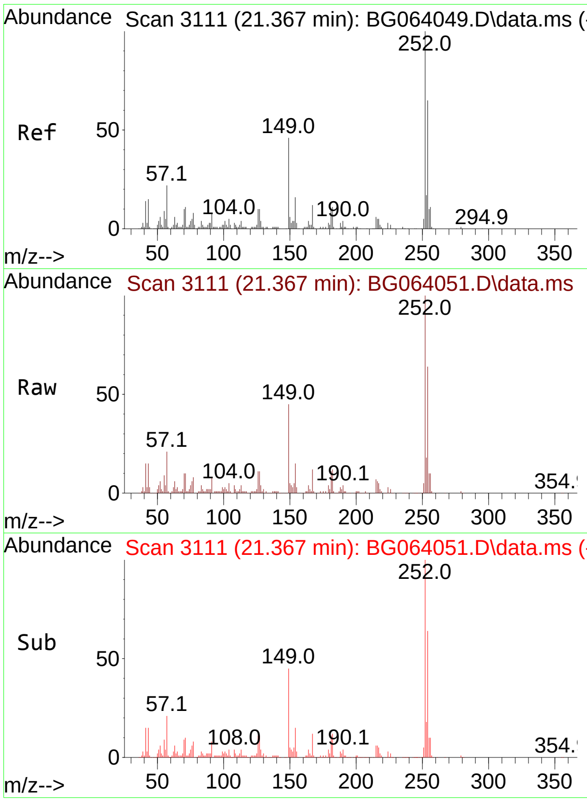
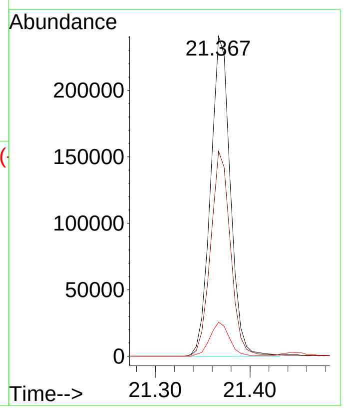


#82
3,3'-Dichlorobenzidine
Concen: 63.055 ng
RT: 21.367 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:252 Resp: 349935

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	10.7	7.8	11.8



Instrument :
BNA_G
ClientSampleId :
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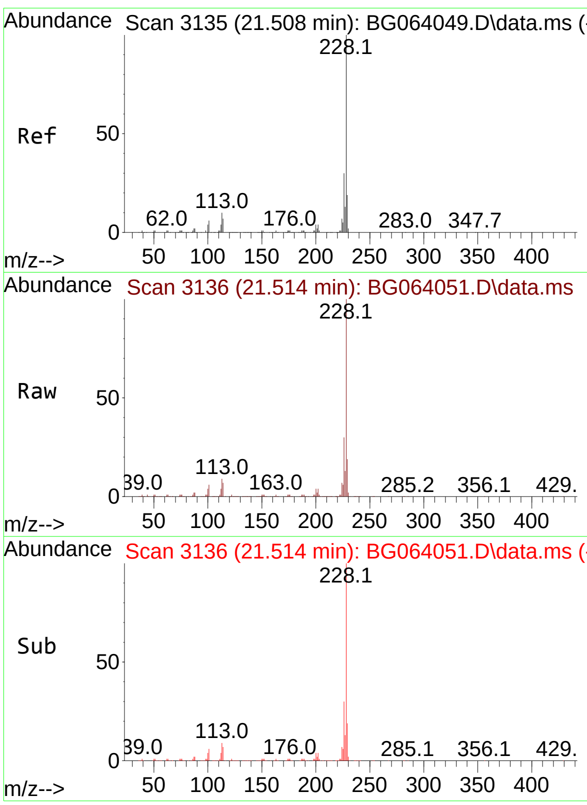
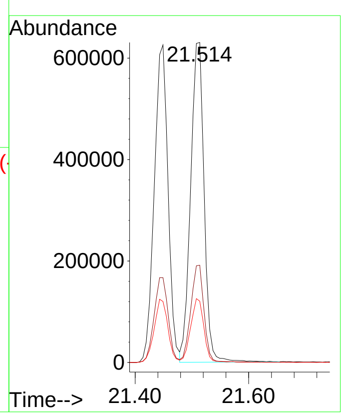
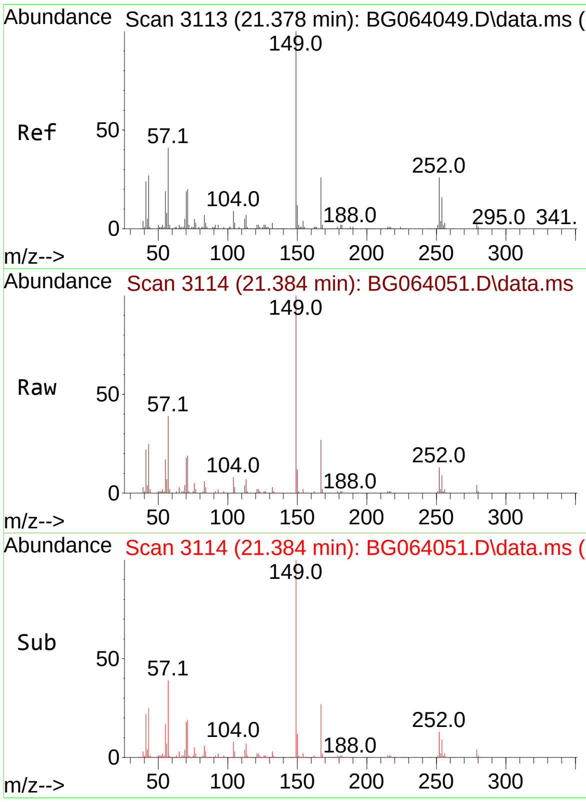


#83
Chrysene
Concen: 61.078 ng
RT: 21.514 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:228 Resp: 1044616

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	19.1	15.3	22.9

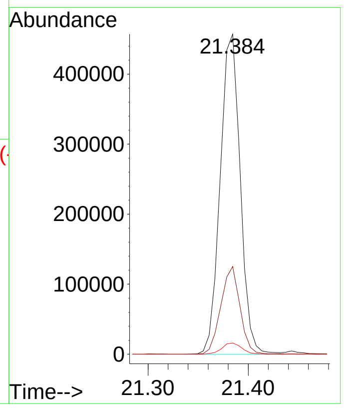




#84
Bis(2-ethylhexyl)phthalate
Concen: 68.341 ng
RT: 21.384 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:149 Resp: 63379

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.0	31.6
279	3.5	2.8	4.2



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Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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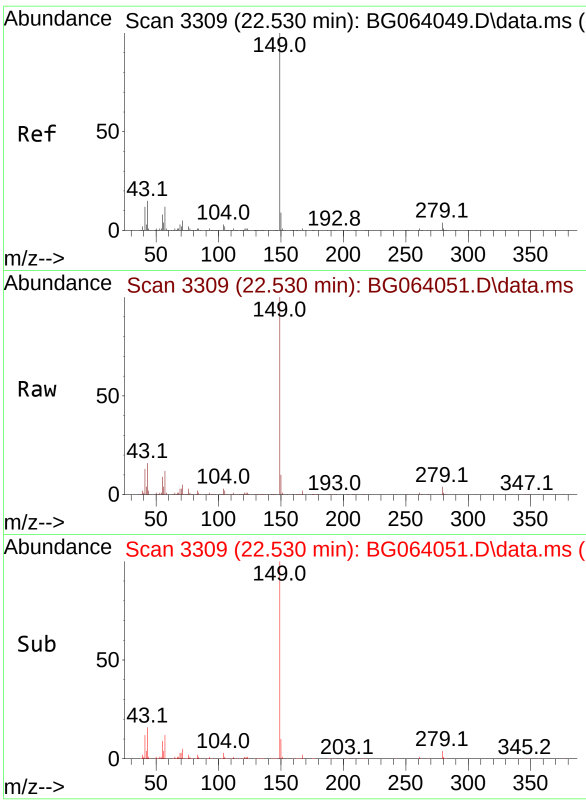
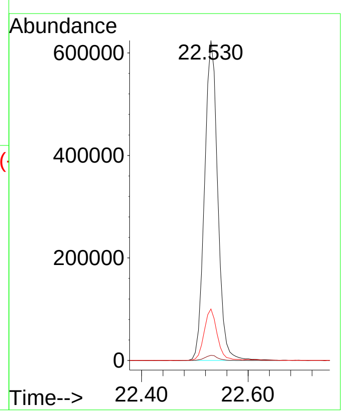


#85
Di-n-octyl phthalate
Concen: 67.209 ng
RT: 22.530 min Scan# 3309
Delta R.T. 0.000 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:149 Resp: 1075085

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	15.9	12.6	19.0



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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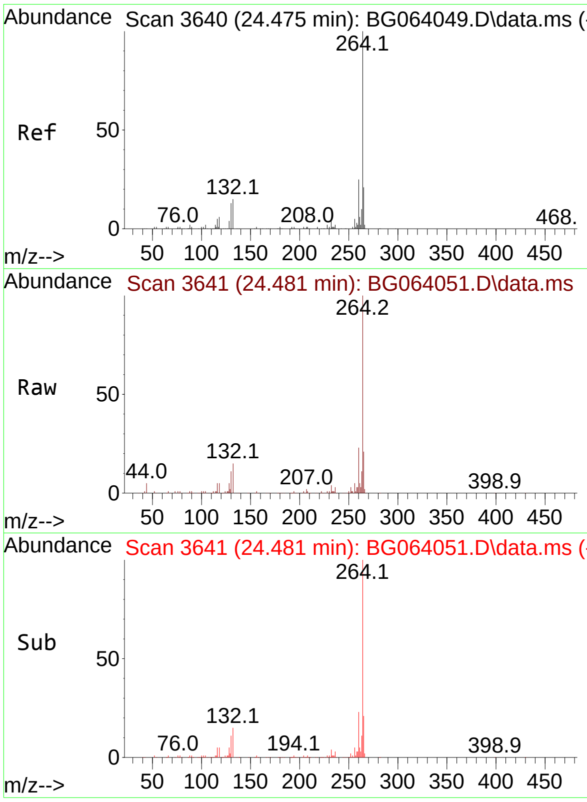
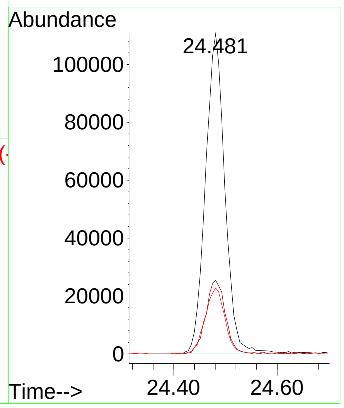
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

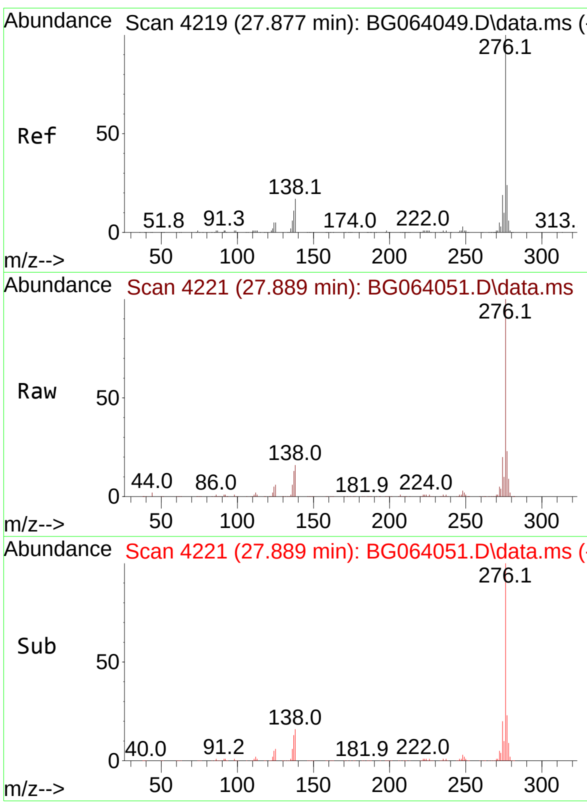


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.481 min Scan# 3(
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:264 Resp: 28923(

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	20.6	16.6	25.0

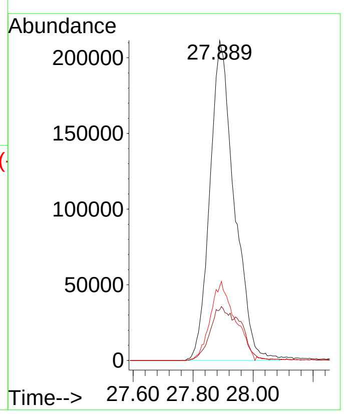




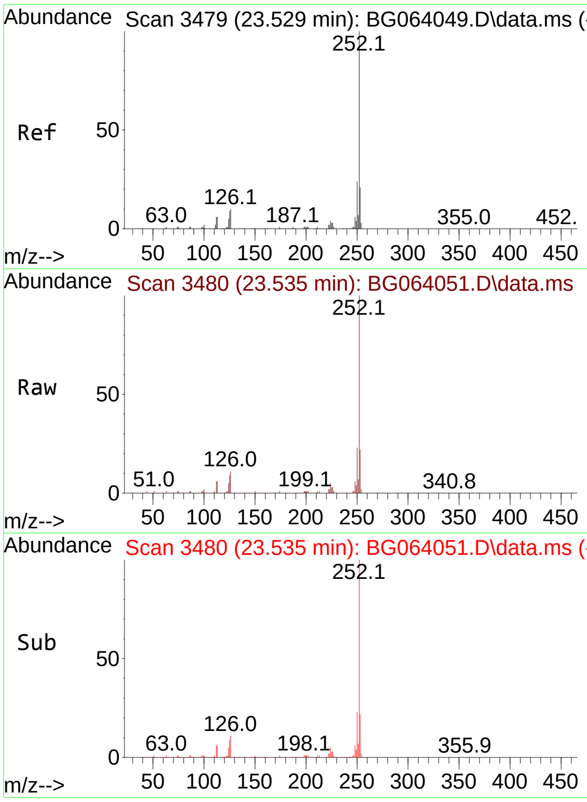
#87
Indeno(1,2,3-cd)pyrene
Concen: 61.921 ng
RT: 27.889 min Scan# 4221
Delta R.T. 0.012 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:276 Resp: 1198276

Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.1	18.1
277	24.8	20.0	30.0



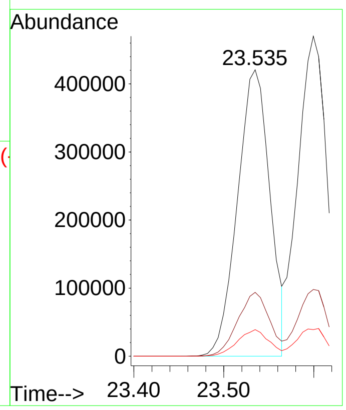
ICAL Form



#88
Benzo(b)fluoranthene
Concen: 60.290 ng
RT: 23.535 min Scan# 34
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

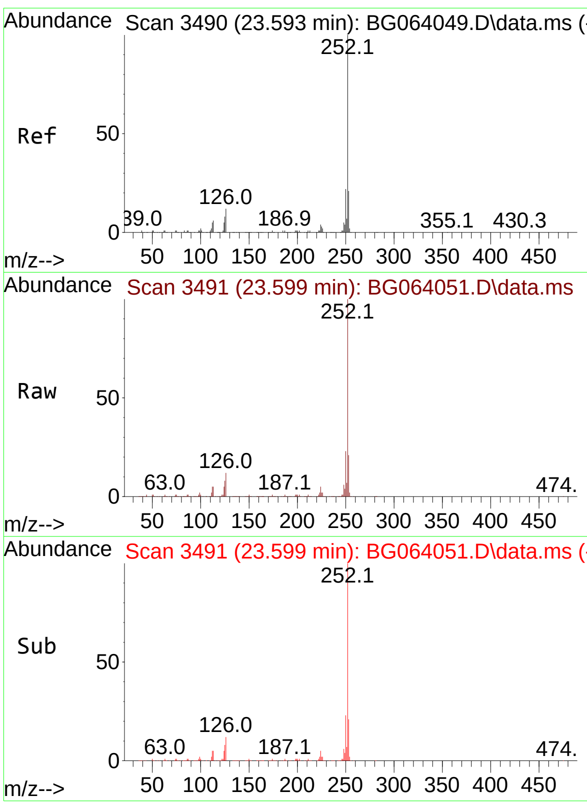
Tgt Ion:252 Resp: 105417(

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	9.3	7.4	11.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC060

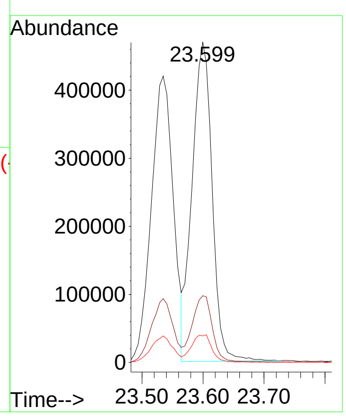
Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



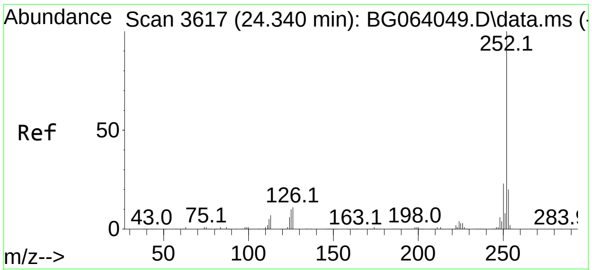
#89
Benzo(k)fluoranthene
Concen: 61.033 ng
RT: 23.599 min Scan# 3491
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

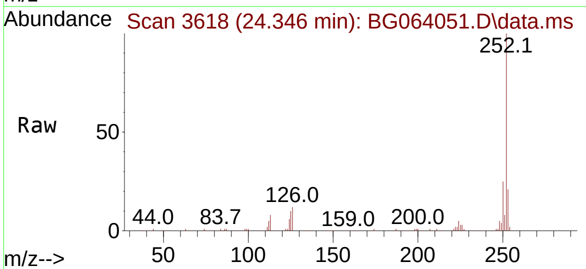
Tgt Ion:252 Resp: 1070595

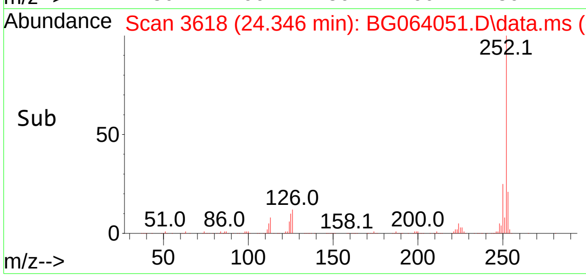
Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.8	25.2
125	8.3	6.9	10.3



ICAL Form



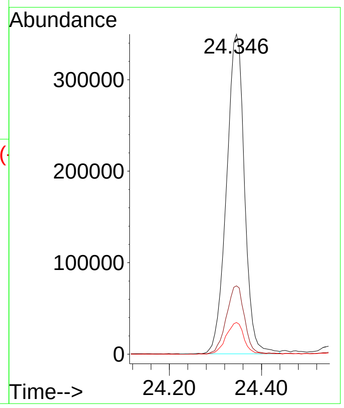




#90
Benzo(a)pyrene
Concen: 60.853 ng
RT: 24.346 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

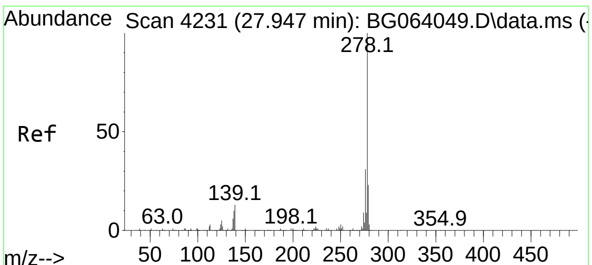
Tgt Ion:252 Resp: 94760

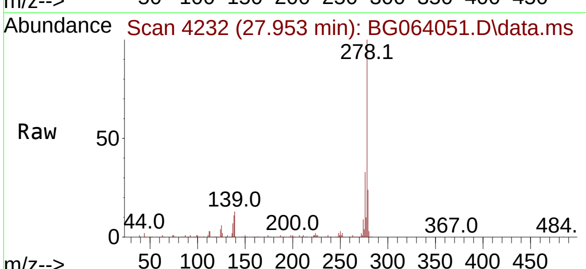
Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.2	24.2
125	9.9	7.8	11.6

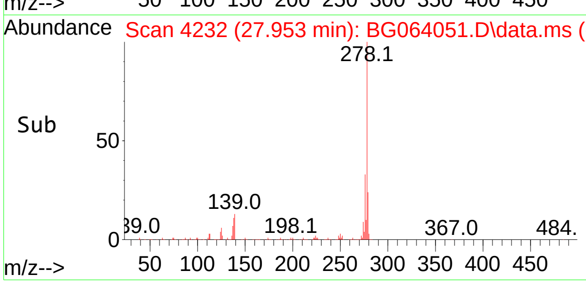


Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



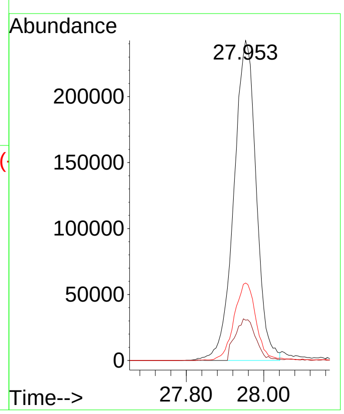




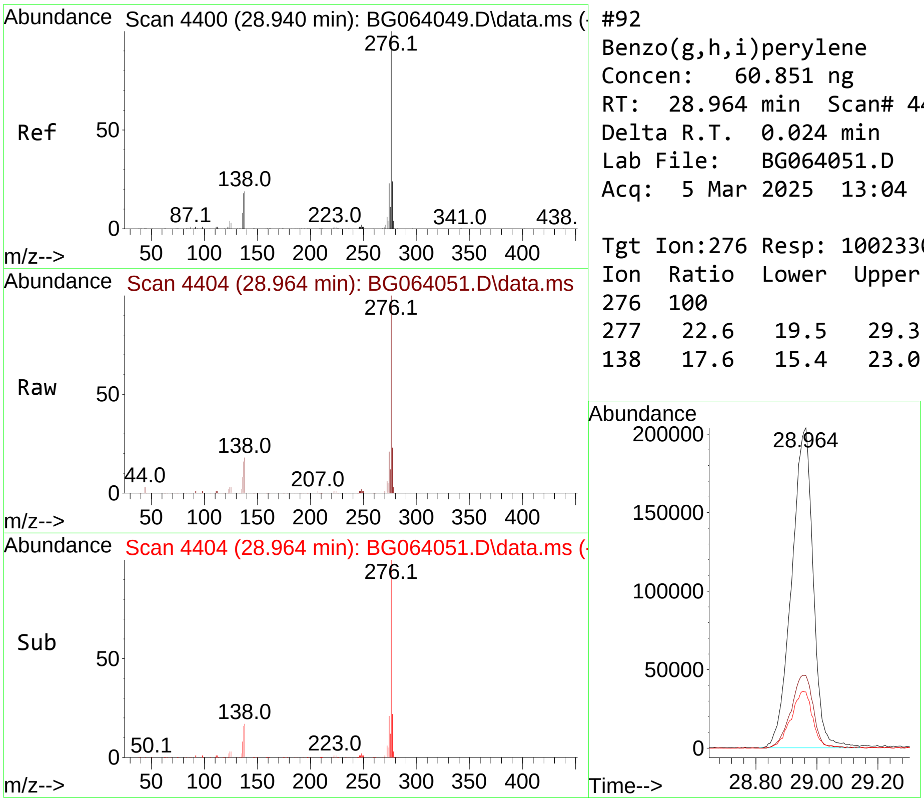
#91
Dibenzo(a,h)anthracene
Concen: 60.728 ng
RT: 27.953 min Scan# 4232
Delta R.T. 0.006 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:278 Resp: 974276

Ion	Ratio	Lower	Upper
278	100		
139	12.6	10.2	15.2
279	24.2	18.1	27.1



ICAL Form



#92
Benzo(g,h,i)perylene
Concen: 60.851 ng
RT: 28.964 min Scan# 44
Delta R.T. 0.024 min
Lab File: BG064051.D
Acq: 5 Mar 2025 13:04

Tgt Ion:276 Resp: 100233(

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.5	29.3
138	17.6	15.4	23.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064052.D
Acq On : 5 Mar 2025 13:44
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:25:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	38973	20.000	ng	0.00
21) Naphthalene-d8	10.656	136	174562	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	119753	20.000	ng	0.00
64) Phenanthrene-d10	17.231	188	261353	20.000	ng	0.00
76) Chrysene-d12	21.467	240	257789	20.000	ng	0.00
86) Perylene-d12	24.481	264	274554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	406682	162.936	ng	0.00
7) Phenol-d6	7.037	99	562221	165.580	ng	0.00
23) Nitrobenzene-d5	9.029	82	570757	180.687	ng	0.01
42) 2,4,6-Tribromophenol	15.979	330	230590	173.228	ng	0.00
45) 2-Fluorobiphenyl	13.118	172	1198476	151.908	ng	0.00
79) Terphenyl-d14	19.857	244	1912762	150.030	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	86434	76.411	ng	97
3) Pyridine	3.770	79	194608	70.740	ng	99
4) n-Nitrosodimethylamine	3.682	42	166554	84.738	ng	98
6) Aniline	7.196	93	260509	78.188	ng	97
8) 2-Chlorophenol	7.436	128	221296	82.552	ng	96
10) Phenol	7.066	94	287854	82.802	ng	97
11) bis(2-Chloroethyl)ether	7.295	93	217240	79.707	ng	99
12) 1,3-Dichlorobenzene	7.760	146	235126	79.873	ng	96
13) 1,4-Dichlorobenzene	7.901	146	238817	79.149	ng	96
14) 1,2-Dichlorobenzene	8.224	146	233348	80.201	ng	97
15) Benzyl Alcohol	8.106	79	227176	86.581	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.400	45	502220	81.950	ng	99
17) 2-Methylphenol	8.306	107	198161	85.886	ng	98
18) Hexachloroethane	8.946	117	90416	85.647	ng	98
19) n-Nitroso-di-n-propyla...	8.682	70	197732	82.978	ng	96
20) 3+4-Methylphenols	8.641	107	269552	84.861	ng	92
22) Acetophenone	8.688	105	379097	79.207	ng	99
24) Nitrobenzene	9.064	77	285702	87.518	ng	99
25) Isophorone	9.593	82	507481	80.266	ng	96
26) 2-Nitrophenol	9.769	139	102389	79.399	ng	96
27) 2,4-Dimethylphenol	9.834	122	159995	84.413	ng	94
28) bis(2-Chloroethoxy)met...	10.074	93	310803	81.082	ng	99
29) 2,4-Dichlorophenol	10.304	162	208425	87.086	ng	98
30) 1,2,4-Trichlorobenzene	10.521	180	231572	80.151	ng	99
31) Naphthalene	10.709	128	752327	79.925	ng	99
32) Benzoic acid	10.022	122	153536m	81.016	ng	
33) 4-Chloroaniline	10.815	127	281930	81.948	ng	100
34) Hexachlorobutadiene	10.997	225	152146	80.341	ng	98
35) Caprolactam	11.608	113	77479	84.477	ng	# 82
36) 4-Chloro-3-methylphenol	11.937	107	262810	83.772	ng	100
37) 2-Methylnaphthalene	12.313	142	524206	78.886	ng	97
38) 1-Methylnaphthalene	12.536	142	511482	78.566	ng	98
40) 1,2,4,5-Tetrachloroben...	12.683	216	271079	79.289	ng	99
41) Hexachlorocyclopentadiene	12.671	237	87700	91.141	ng	95
43) 2,4,6-Trichlorophenol	12.924	196	175233	86.966	ng	97
44) 2,4,5-Trichlorophenol	12.995	196	197831	88.360	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064052.D
Acq On   : 5 Mar 2025 13:44
Operator : RC/JU
Sample   : SSTDICC080
Misc   :
ALS Vial : 9   Sample Multiplier: 1

Quant Time: Mar 05 15:25:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay   03/06/2025
Supervised By :mohammad ahmed   03/07/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46) 1,1'-Biphenyl	13.329	154	706656	78.106 ng		98
47) 2-Chloronaphthalene	13.371	162	528541	80.099 ng		98
48) 2-Nitroaniline	13.570	65	195363	79.407 ng		97
49) Acenaphthylene	14.217	152	822307	78.787 ng		99
50) Dimethylphthalate	13.958	163	695598	78.689 ng		100
51) 2,6-Dinitrotoluene	14.070	165	147719	79.965 ng		98
52) Acenaphthene	14.557	154	540444	76.999 ng		97
53) 3-Nitroaniline	14.399	138	154723	90.561 ng		95
54) 2,4-Dinitrophenol	14.599	184	61808	82.400 ng	#	81
55) Dibenzofuran	14.892	168	874479	77.066 ng		99
56) 4-Nitrophenol	14.698	139	126982	88.621 ng		95
57) 2,4-Dinitrotoluene	14.857	165	203301	79.564 ng	#	97
58) Fluorene	15.539	166	668072	75.593 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.116	232	188307	86.273 ng	#	95
60) Diethylphthalate	15.321	149	758650	79.055 ng		99
61) 4-Chlorophenyl-phenyle...	15.539	204	326141	74.261 ng		91
62) 4-Nitroaniline	15.562	138	159478	86.459 ng		91
63) Azobenzene	15.832	77	787412	76.893 ng		99
65) 4,6-Dinitro-2-methylph...	15.615	198	100338	81.905 ng		96
66) n-Nitrosodiphenylamine	15.750	169	590976	79.884 ng		97
67) 4-Bromophenyl-phenylether	16.432	248	222258	83.033 ng		96
68) Hexachlorobenzene	16.543	284	240907	80.390 ng		98
70) Pentachlorophenol	16.884	266	170842	91.819 ng		98
71) Phenanthrene	17.278	178	1094187	78.492 ng		99
72) Anthracene	17.366	178	1099164	79.297 ng		97
73) Carbazole	17.636	167	999549	77.234 ng		99
74) Di-n-butylphthalate	18.206	149	1263186	82.920 ng		99
75) Fluoranthene	19.287	202	1276040	75.929 ng		99
77) Benzidine	19.463	184	279417	77.211 ng		99
78) Pyrene	19.646	202	1321748	79.539 ng		99
80) Butylbenzylphthalate	20.550	149	517770	80.379 ng		99
81) Benzo(a)anthracene	21.449	228	1325828	80.289 ng		98
82) 3,3'-Dichlorobenzidine	21.367	252	423636	79.269 ng		100
83) Chrysene	21.514	228	1291089	78.391 ng		99
84) Bis(2-ethylhexyl)phtha...	21.385	149	806194	90.273 ng		99
85) Di-n-octyl phthalate	22.530	149	1379517	89.556 ng		99
87) Indeno(1,2,3-cd)pyrene	27.895	276	1530546	83.318 ng		99
88) Benzo(b)fluoranthene	23.541	252	1356996	81.758 ng		98
89) Benzo(k)fluoranthene	23.606	252	1334083	80.120 ng		99
90) Benzo(a)pyrene	24.346	252	1200152	81.191 ng		97
91) Dibenzo(a,h)anthracene	27.959	278	1273882	83.647 ng		98
92) Benzo(g,h,i)perylene	28.970	276	1282909	82.048 ng		98

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

Quantitation Report (QT Reviewed)

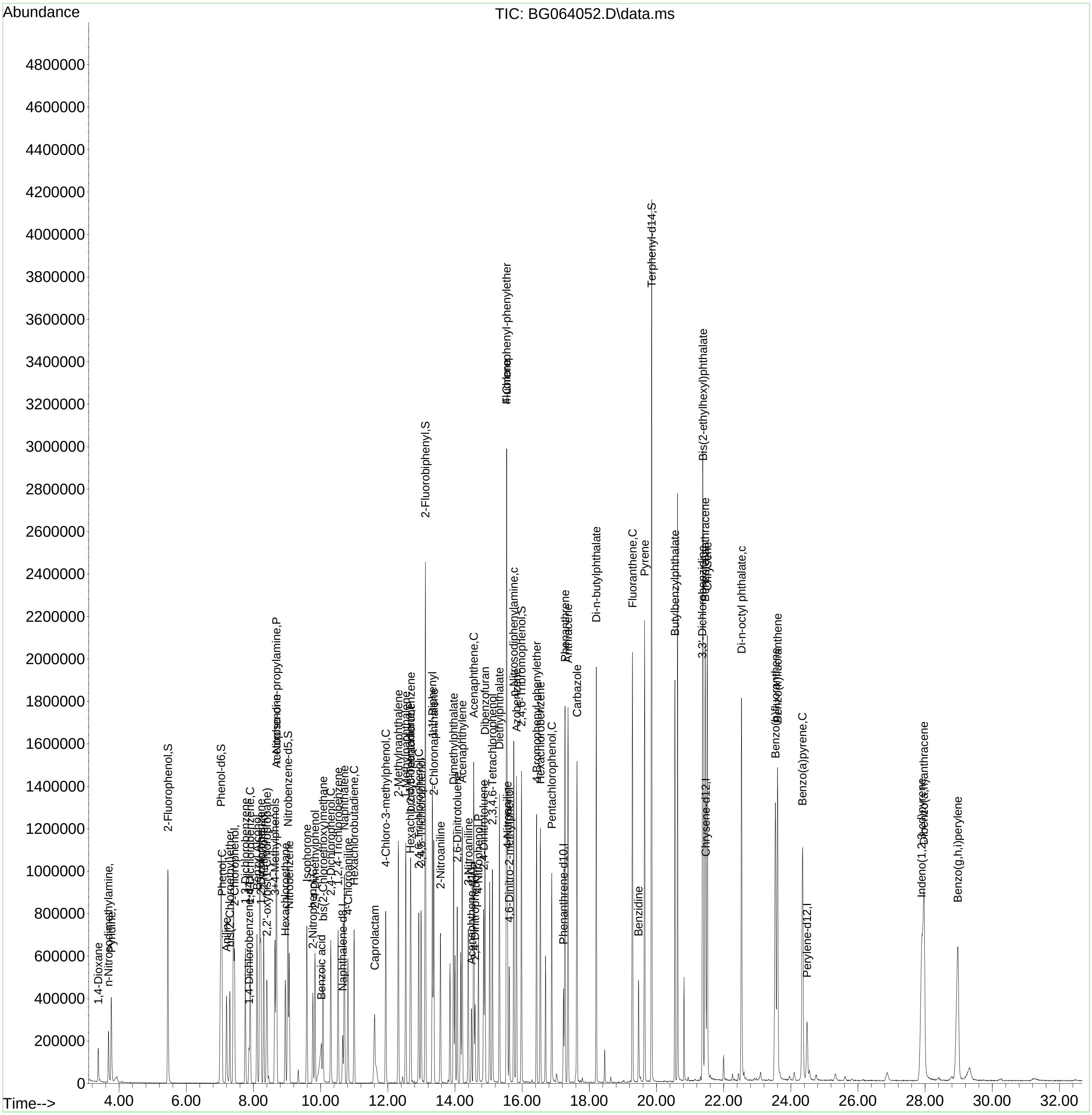
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064052.D
Acq On : 5 Mar 2025 13:44
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 05 15:25:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



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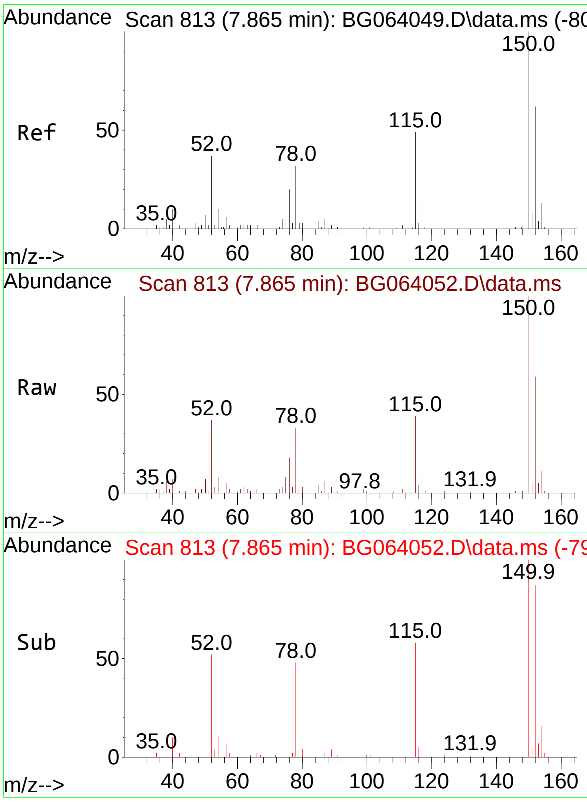


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

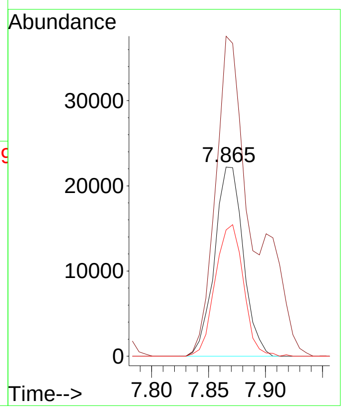
Tgt Ion:152 Resp: 38971

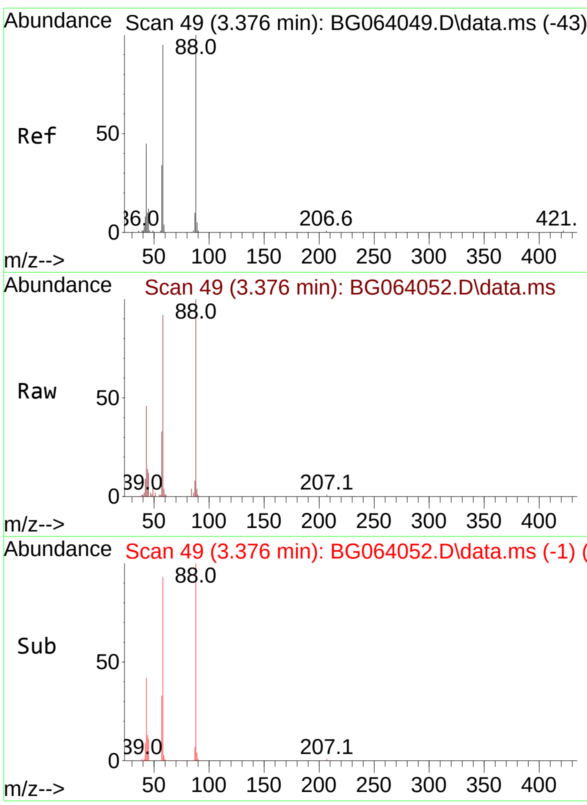
Ion	Ratio	Lower	Upper
152	100		
150	169.1	129.2	193.8
115	66.7	63.0	94.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

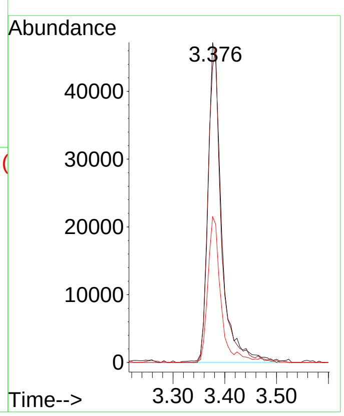




#2
1,4-Dioxane
Concen: 76.411 ng
RT: 3.376 min Scan# 49
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 88 Resp: 86434

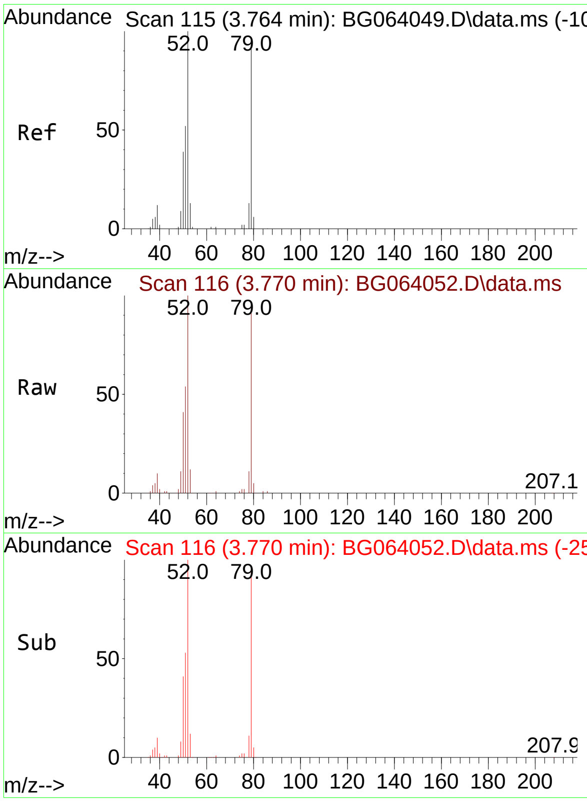
Ion	Ratio	Lower	Upper
88	100		
58	95.8	74.6	111.8
43	43.0	35.5	53.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

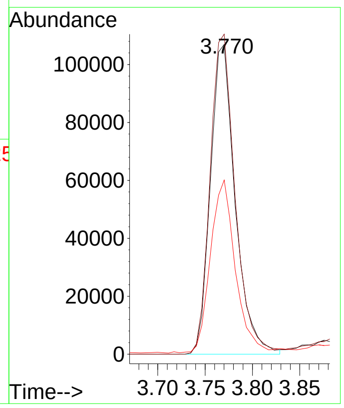
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

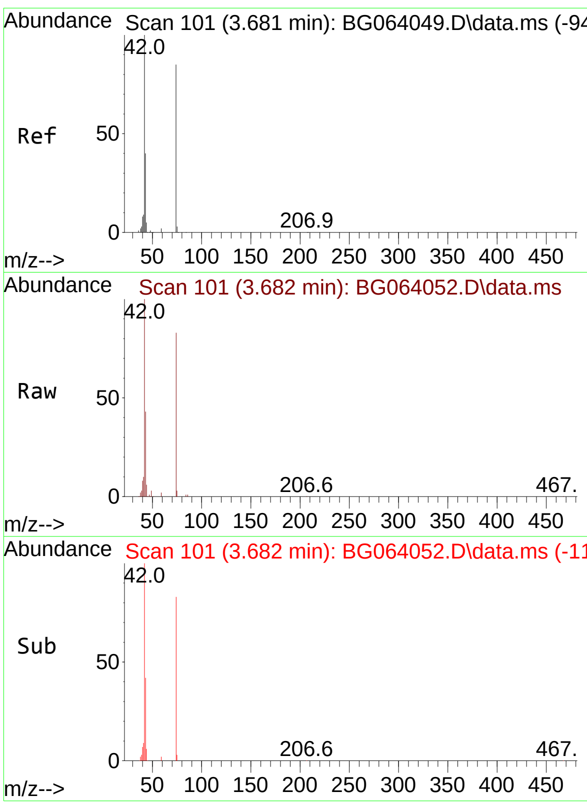


#3
Pyridine
Concen: 70.740 ng
RT: 3.770 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 79 Resp: 19460

Ion	Ratio	Lower	Upper
79	100		
52	103.3	83.0	124.6
51	56.2	44.3	66.5

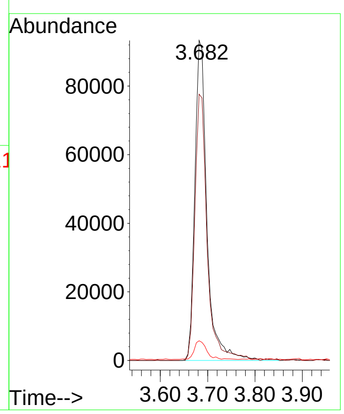




#4
n-Nitrosodimethylamine
Concen: 84.738 ng
RT: 3.682 min Scan# 101
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 42 Resp: 166554

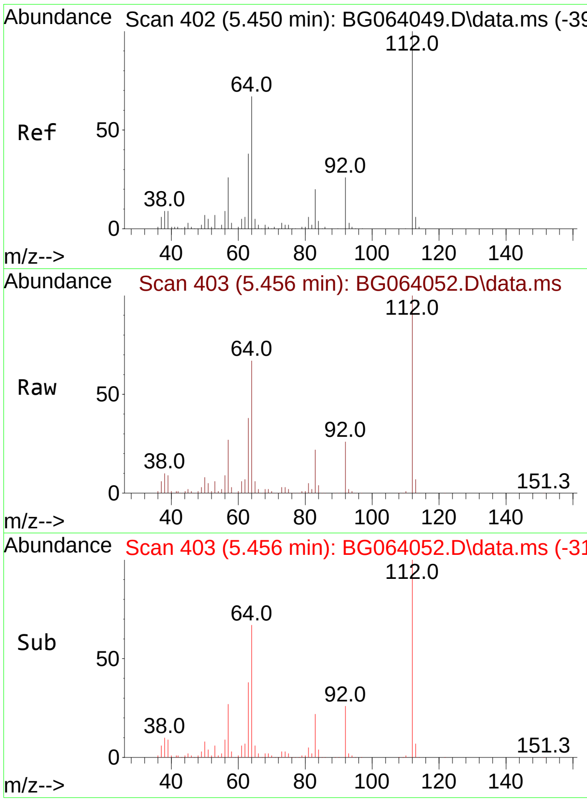
Ion	Ratio	Lower	Upper
42	100		
74	83.2	68.0	102.0
44	6.2	4.9	7.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

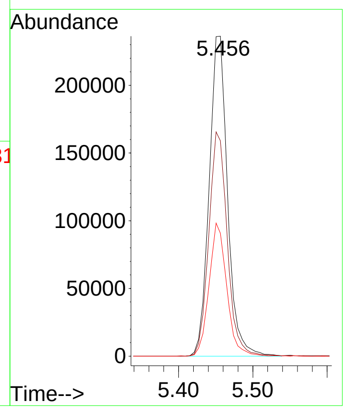
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

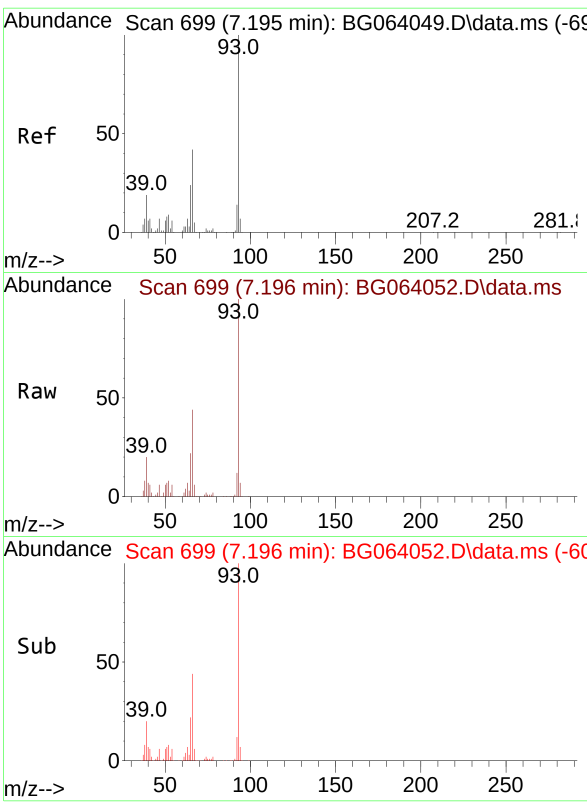


#5
2-Fluorophenol
Concen: 162.936 ng
RT: 5.456 min Scan# 40
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:112 Resp: 40668

Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.7	80.5
63	38.4	30.2	45.4

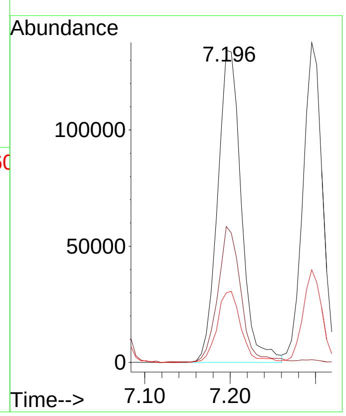




#6
Aniline
Concen: 78.188 ng
RT: 7.196 min Scan# 699
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 93 Resp: 260509

Ion	Ratio	Lower	Upper
93	100		
66	43.6	33.7	50.5
65	22.3	19.1	28.7



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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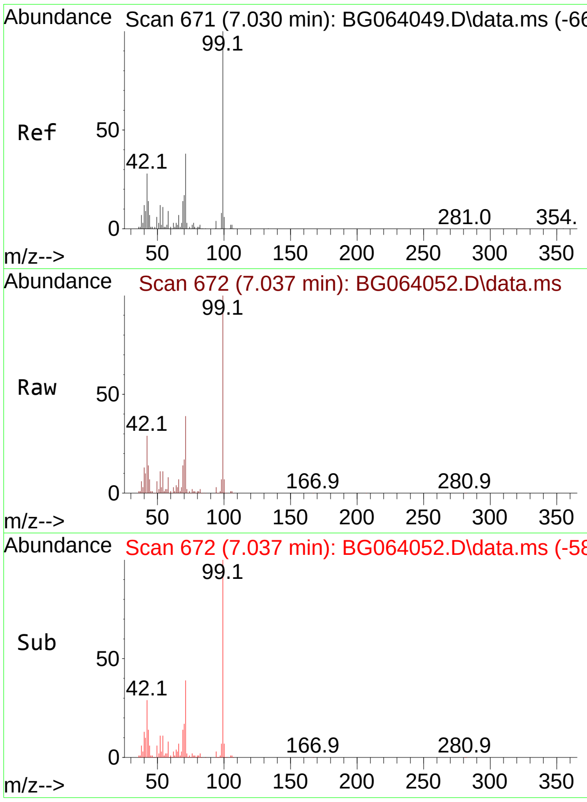
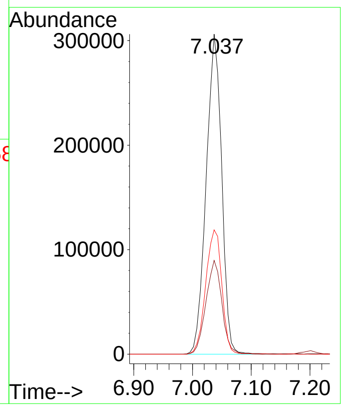
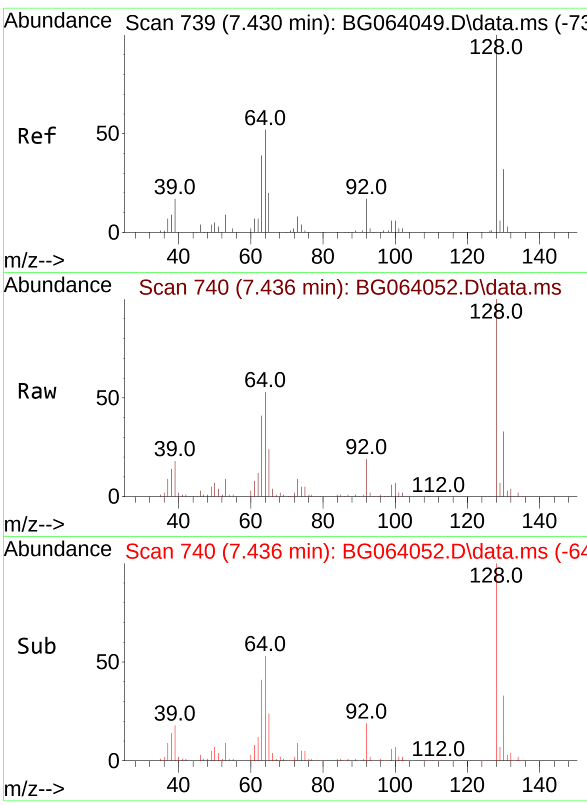
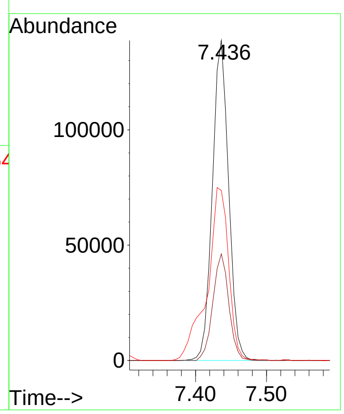



```
#7
Phenol-d6
Concen:  165.580 ng
RT:    7.037 min   Scan# 6
Delta R.T.   0.006 min
Lab File:    BG064052.D
Acq:  5 Mar 2025   13:44

Tgt Ion: 99 Resp:   56222
Ion   Ratio   Lower   Upper
 99   100
 42    29.3    22.7    34.1
 71    38.9    30.6    46.0
```






```
#8
2-Chlorophenol
Concen:   82.552 ng
RT:    7.436 min   Scan# 740
Delta R.T.   0.006 min
Lab File:    BG064052.D
Acq:  5 Mar 2025   13:44

Tgt Ion:128 Resp:   221296
Ion   Ratio   Lower   Upper
128   100
130    33.3    12.3    52.3
 64    53.1    37.0    77.0
```



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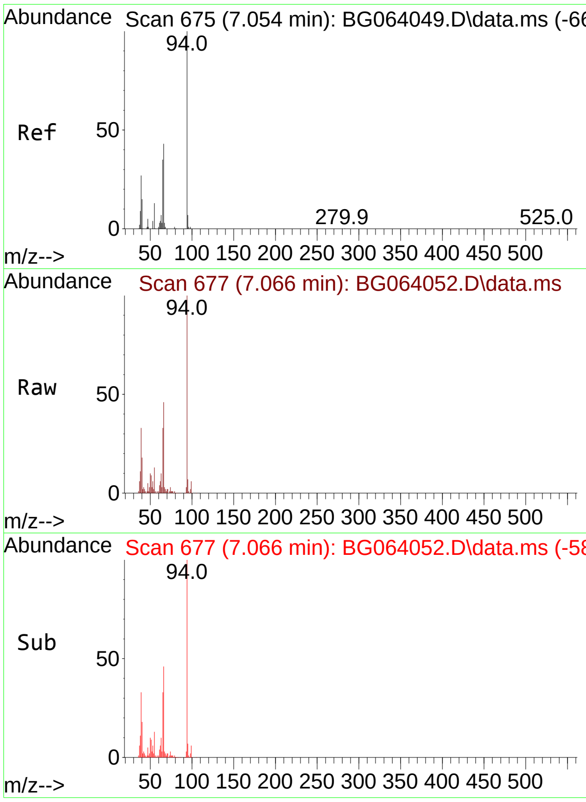

#10
Phenol
Concen: 82.802 ng
RT: 7.066 min Scan# 6
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 94 Resp: 28785

Ion	Ratio	Lower	Upper
94	100		
65	32.9	15.2	55.2
66	46.1	25.1	65.1

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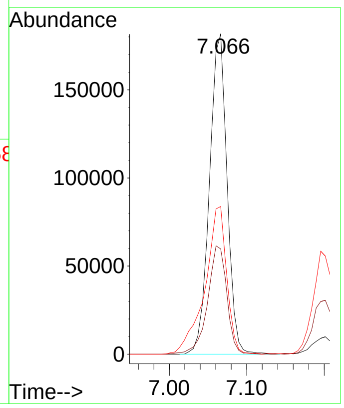
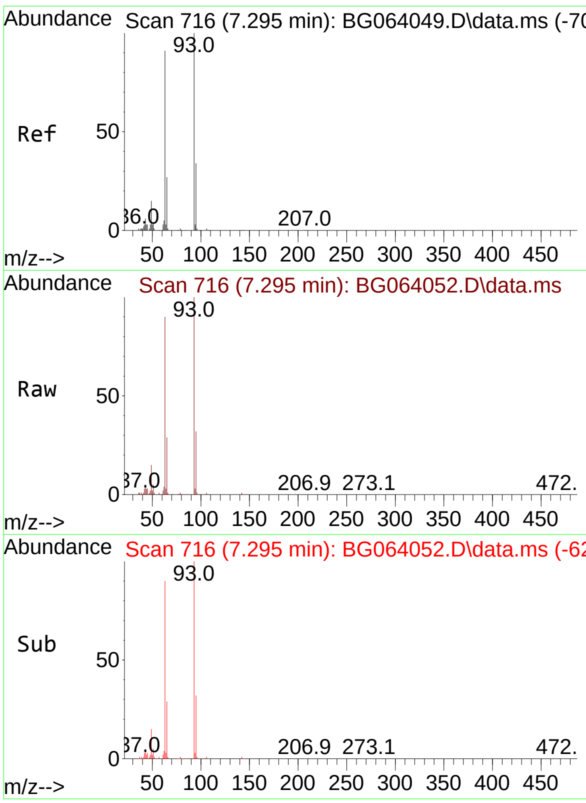
Supervised By :mohammad ahmed 03/07/2025

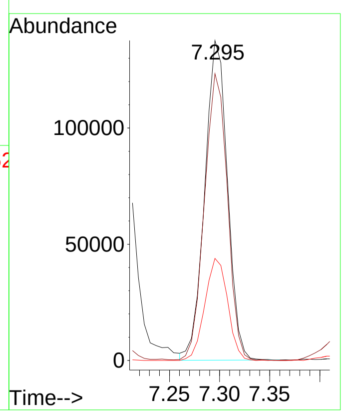




#11
bis(2-Chloroethyl)ether
Concen: 79.707 ng
RT: 7.295 min Scan# 716
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 93 Resp: 217240

Ion	Ratio	Lower	Upper
93	100		
63	89.6	70.0	110.0
95	31.9	13.7	53.7



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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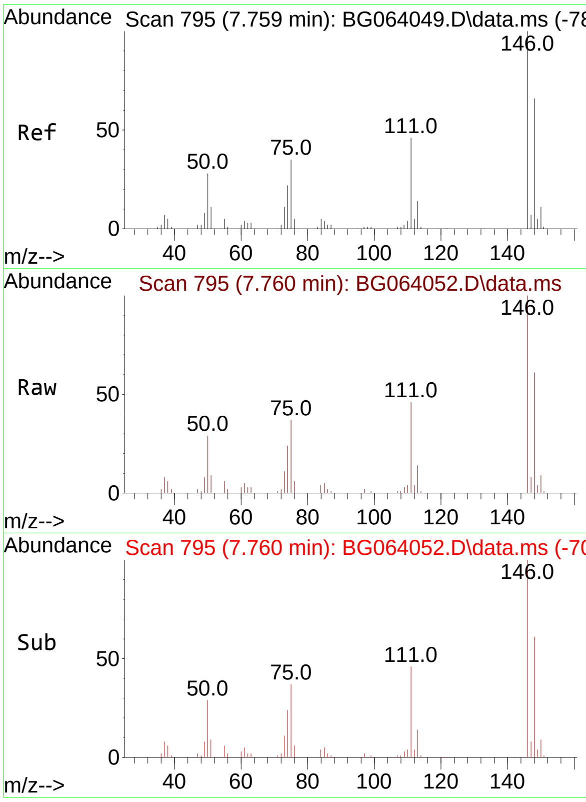
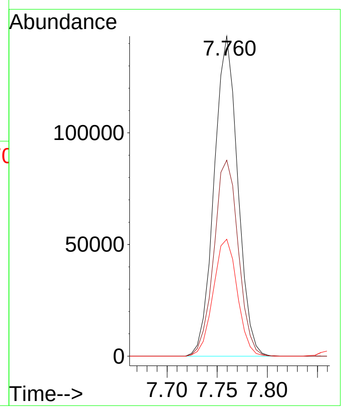
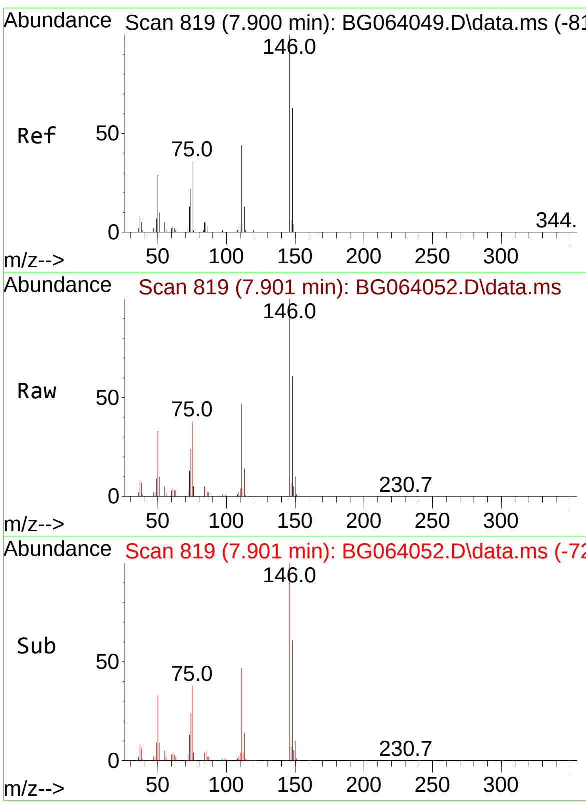
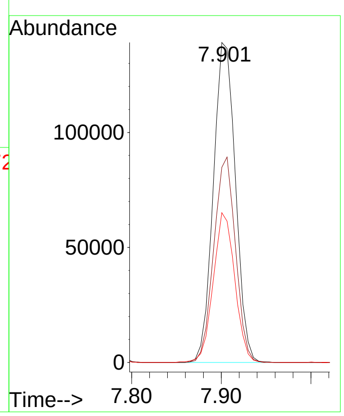



```
#12
1,3-Dichlorobenzene
Concen:   79.873 ng
RT:    7.760 min   Scan# 79
Delta R.T.   0.001 min
Lab File:    BG064052.D
Acq:  5 Mar 2025   13:44

Tgt Ion:146 Resp:   23512
Ion   Ratio   Lower   Upper
146   100
148    61.3    52.6    78.8
 75    36.5    28.1    42.1
```






```
#13
1,4-Dichlorobenzene
Concen:   79.149 ng
RT:    7.901 min   Scan# 819
Delta R.T.   0.001 min
Lab File:    BG064052.D
Acq:  5 Mar 2025   13:44

Tgt Ion:146 Resp:   238817
Ion   Ratio   Lower   Upper
146   100
148    60.9    50.6    75.8
111    46.8    35.1    52.7
```



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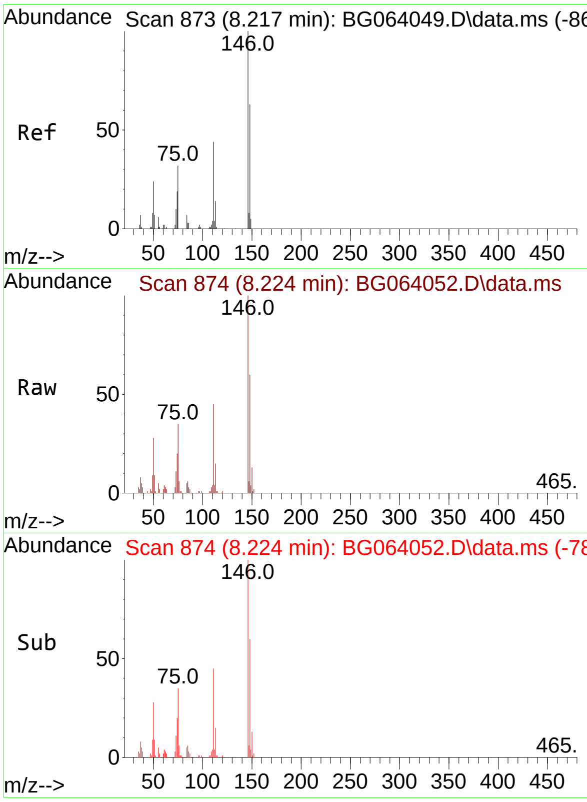

#14
1,2-Dichlorobenzene
Concen: 80.201 ng
RT: 8.224 min Scan# 8
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 23334

Ion	Ratio	Lower	Upper
146	100		
148	60.0	50.2	75.2
111	44.5	36.4	54.6

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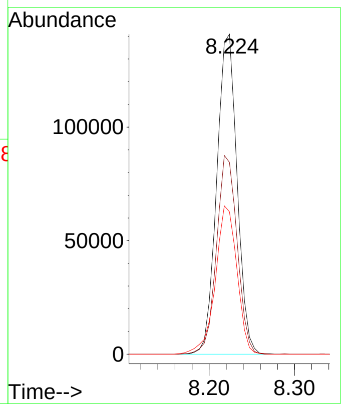
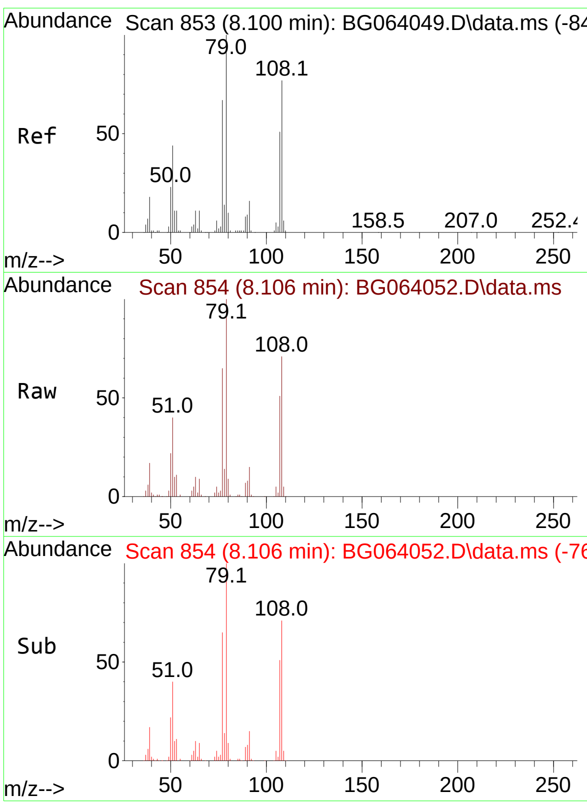
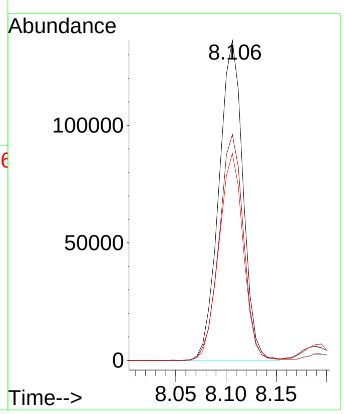




#15
Benzyl Alcohol
Concen: 86.581 ng
RT: 8.106 min Scan# 854
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 79 Resp: 227176

Ion	Ratio	Lower	Upper
79	100		
108	70.6	61.7	92.5
77	64.7	53.9	80.9



Instrument : BNA_G
ClientSampleId : SSTDICC080

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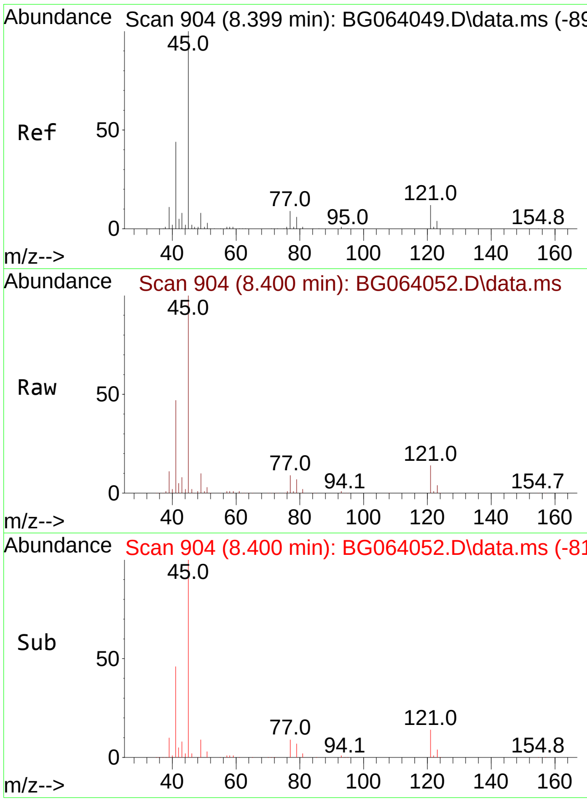
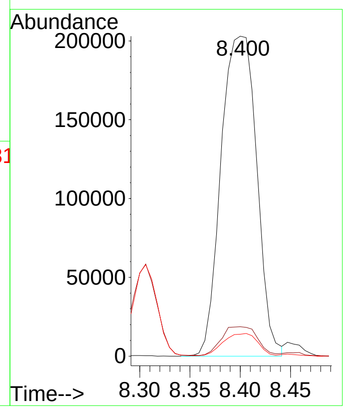
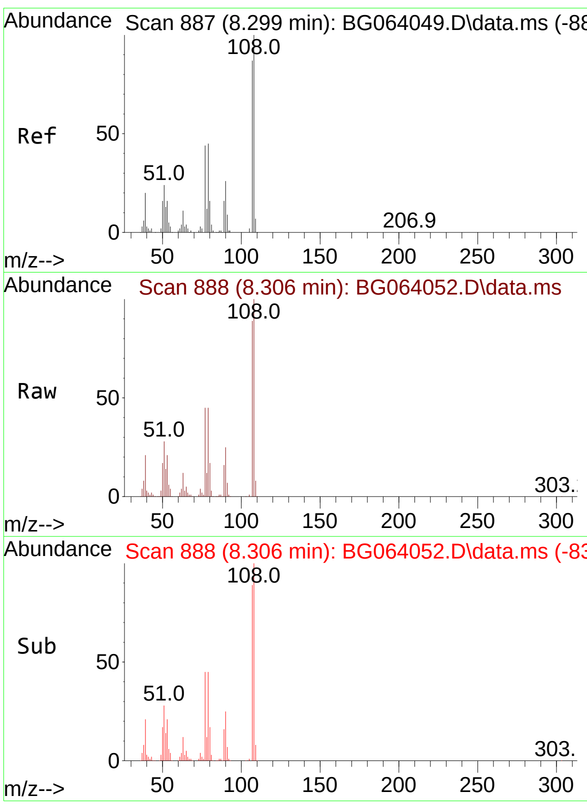


#16
2,2'-oxybis(1-Chloropropane)
Concen: 81.950 ng
RT: 8.400 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 45 Resp: 502220

Ion	Ratio	Lower	Upper
45	100		
77	9.2	0.0	29.0
79	6.9	0.0	26.6

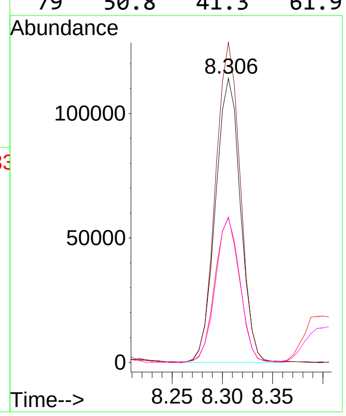


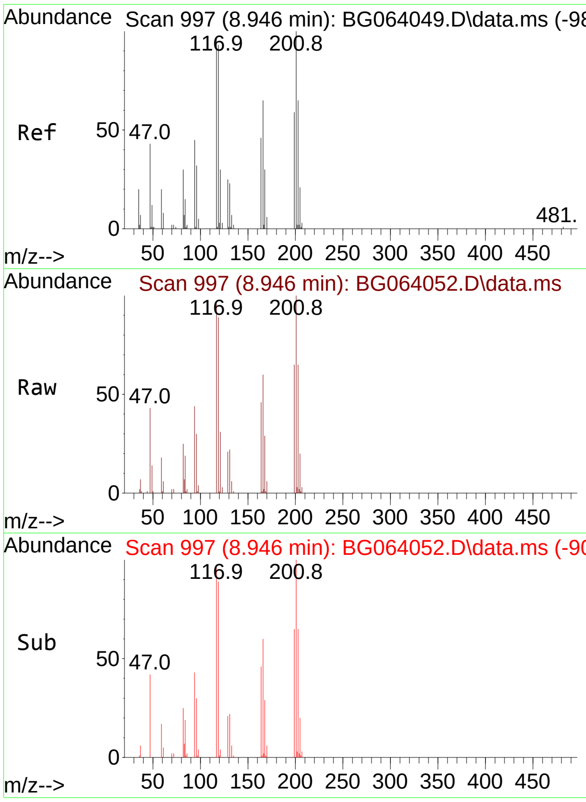


#17
2-Methylphenol
Concen: 85.886 ng
RT: 8.306 min Scan# 888
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:107 Resp: 198161

Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.5	138.7
77	51.2	40.5	60.7
79	50.8	41.3	61.9





#18
Hexachloroethane
Concen: 85.647 ng
RT: 8.946 min Scan# 99
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:117 Resp: 9041

Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.2	114.2
201	104.5	81.5	122.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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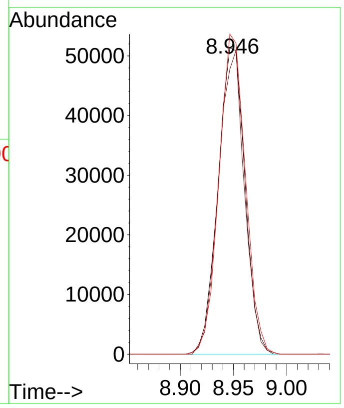
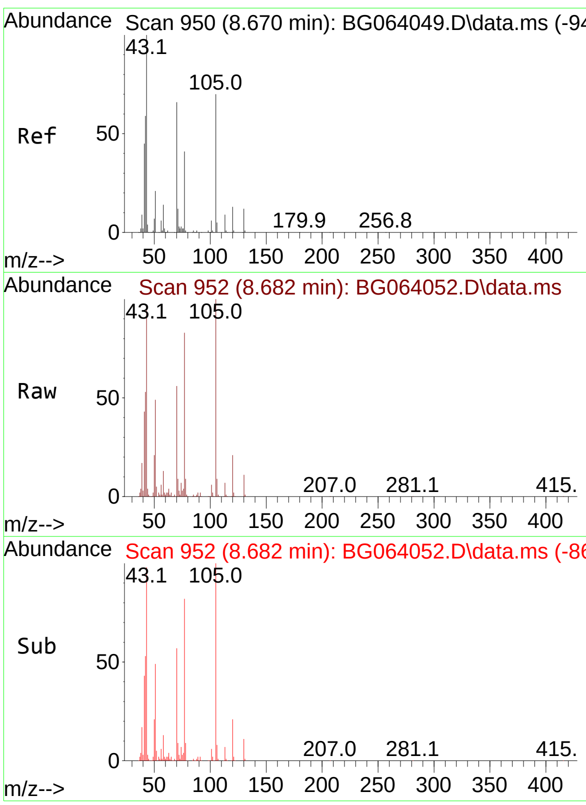
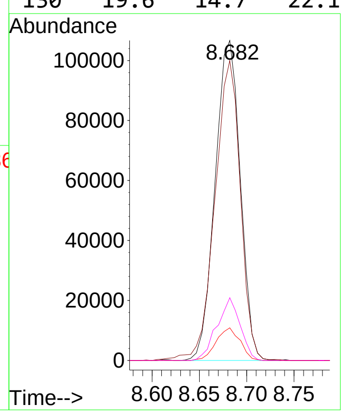




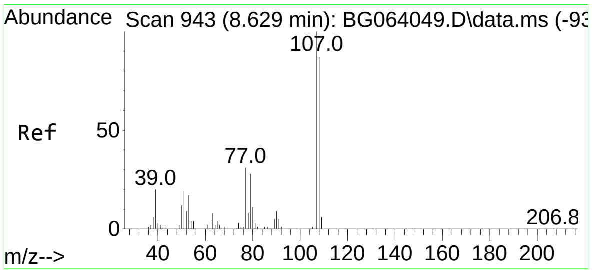
#19
n-Nitroso-di-n-propylamine
Concen: 82.978 ng
RT: 8.682 min Scan# 952
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

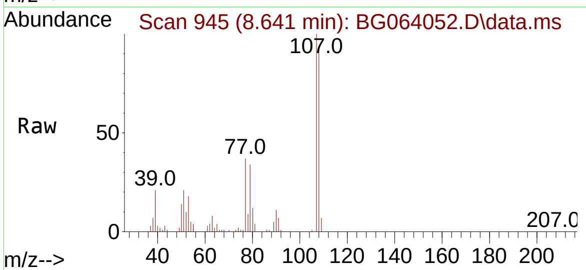
Tgt Ion: 70 Resp: 197732

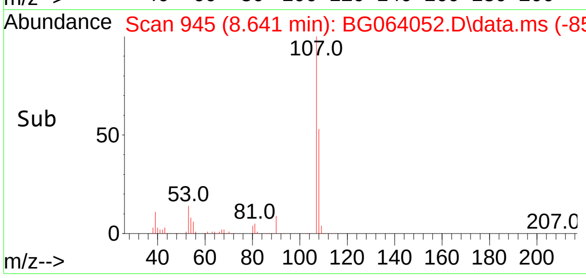
Ion	Ratio	Lower	Upper
70	100		
42	93.7	72.1	108.1
101	10.2	7.2	10.8
130	19.6	14.7	22.1



ICAL Form







#20
3+4-Methylphenols
Concen: 84.861 ng
RT: 8.641 min   Scan# 94
Delta R.T.   0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025   13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 26955

Ion	Ratio	Lower	Upper
107	100		
108	92.1	67.0	107.0
77	36.9	11.2	51.2
79	34.2	7.7	47.7

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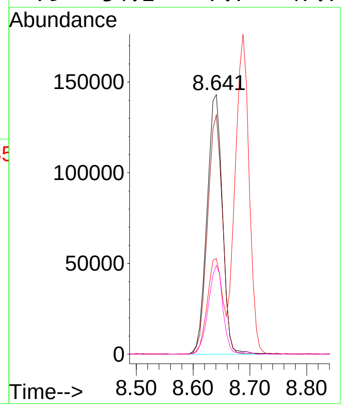
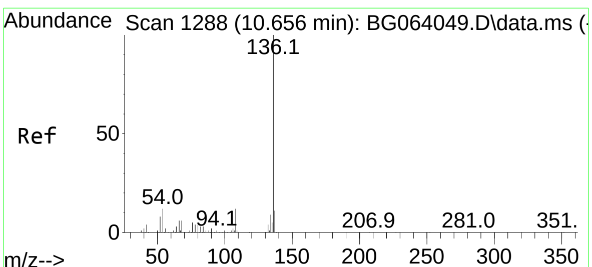
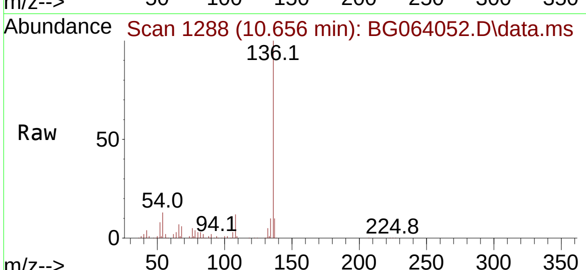
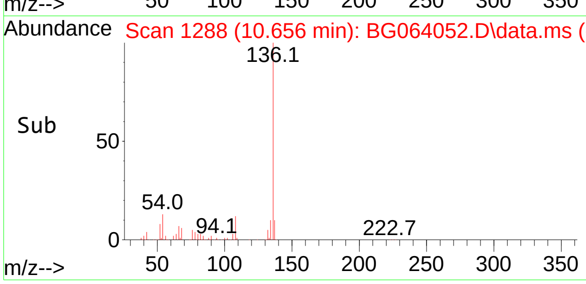




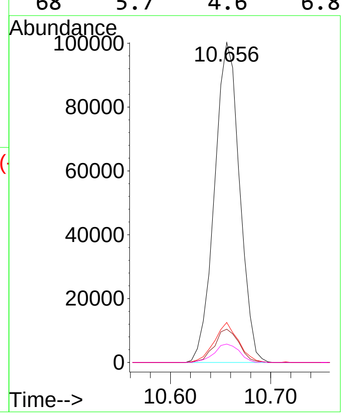




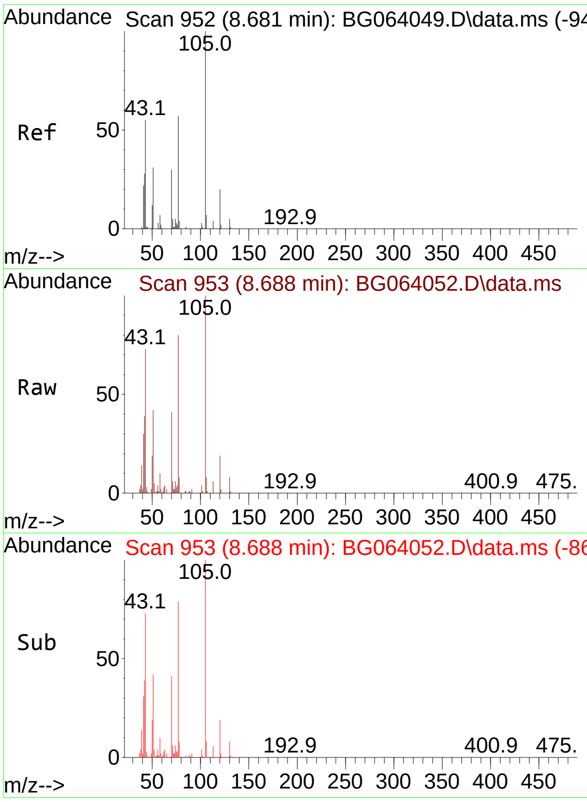
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.656 min   Scan# 1288
Delta R.T.   0.000 min
Lab File: BG064052.D
Acq: 5 Mar 2025   13:44

Tgt Ion:136 Resp: 174562

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	12.5	9.9	14.9
68	5.7	4.6	6.8



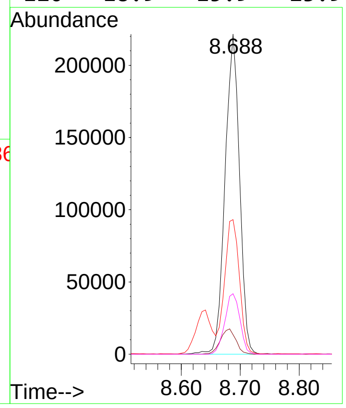
ICAL Form



#22
Acetophenone
Concen: 79.207 ng
RT: 8.688 min Scan# 9!
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:105 Resp: 37909

Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.2	6.4
51	42.1	33.3	49.9
120	18.9	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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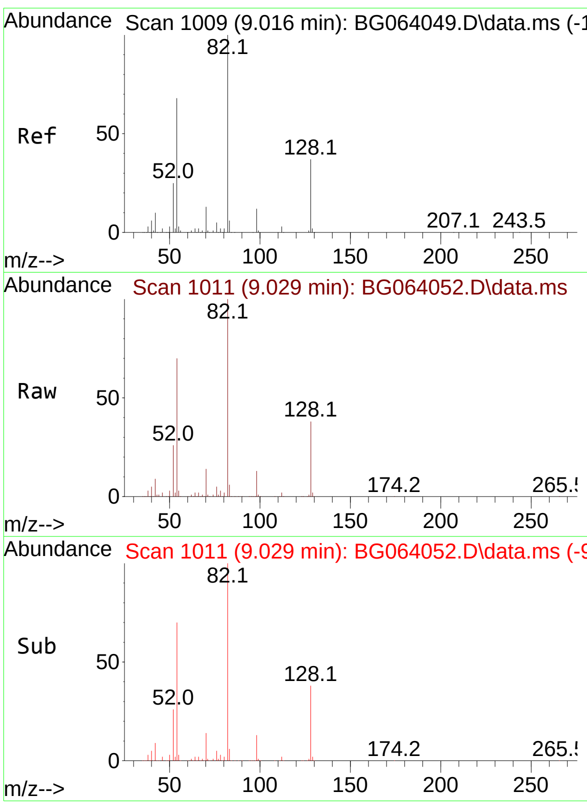
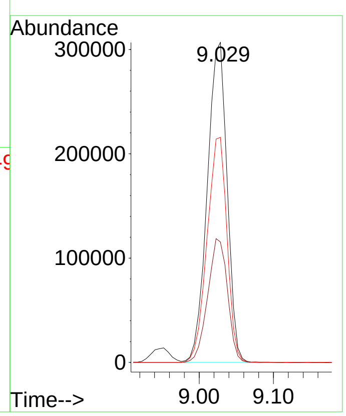
Supervised By :mohammad ahmed 03/07/2025



#23
Nitrobenzene-d5
Concen: 180.687 ng
RT: 9.029 min Scan# 1011
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 82 Resp: 570757

Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.0	45.0
54	70.4	54.7	82.1



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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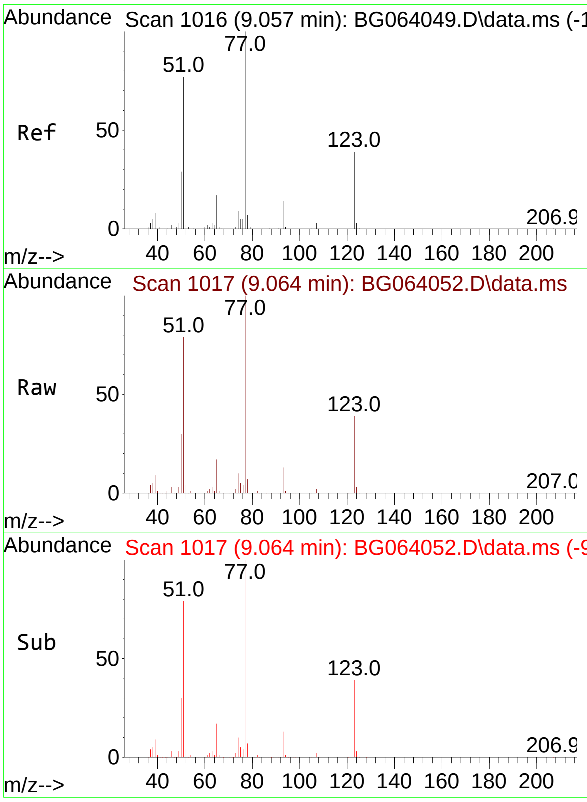
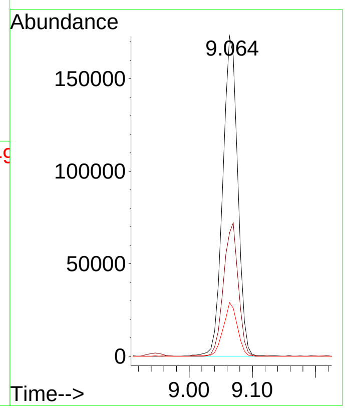
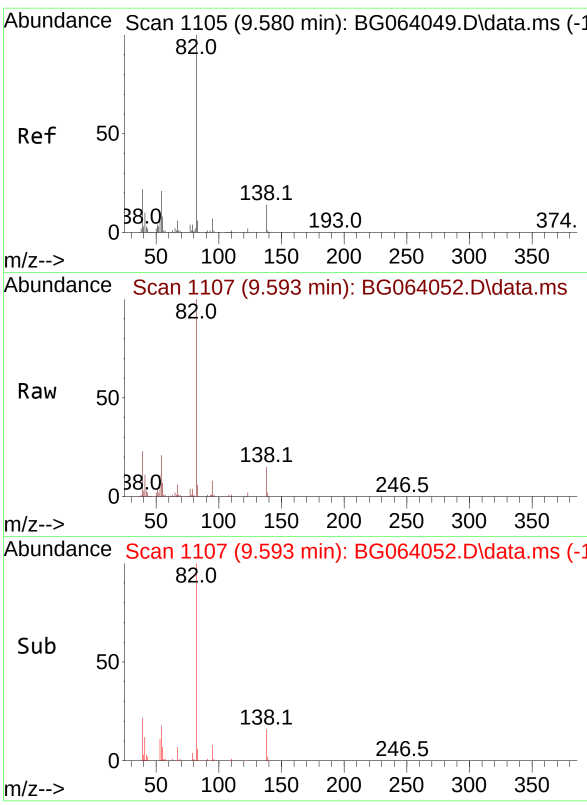


#24
Nitrobenzene
Concen: 87.518 ng
RT: 9.064 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 77 Resp: 28570

Ion	Ratio	Lower	Upper
77	100		
123	38.5	31.4	47.2
65	16.8	13.4	20.0

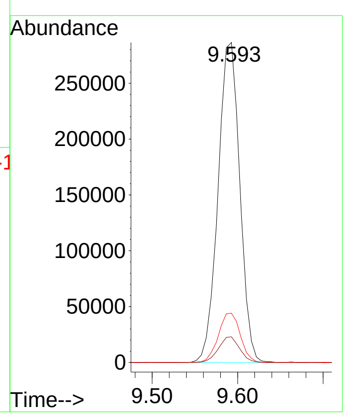




#25
Isophorone
Concen: 80.266 ng
RT: 9.593 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 82 Resp: 507481

Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.8	8.8
138	15.4	10.9	16.3



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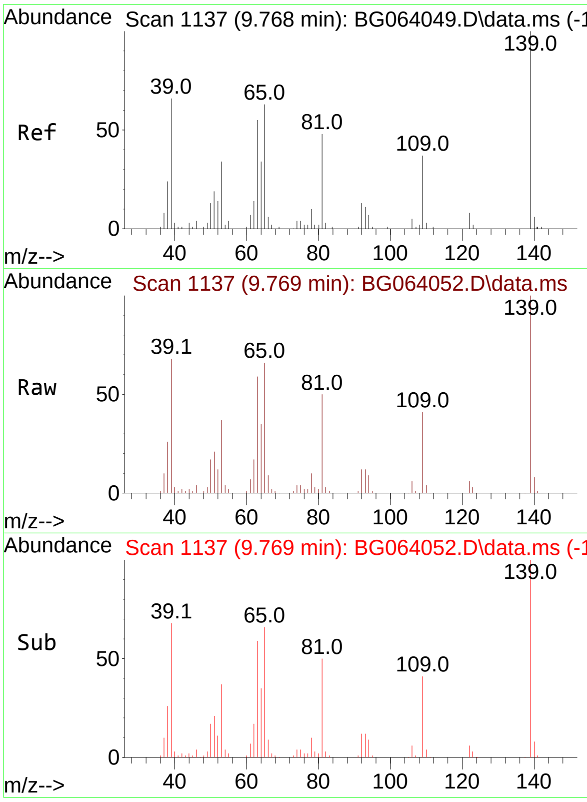

#26
2-Nitrophenol
Concen: 79.399 ng
RT: 9.769 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 10238

Ion	Ratio	Lower	Upper
139	100		
109	40.9	29.9	44.9
65	65.9	50.6	76.0

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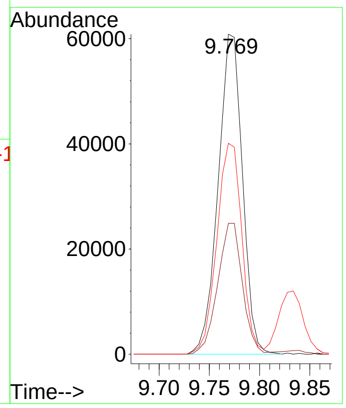
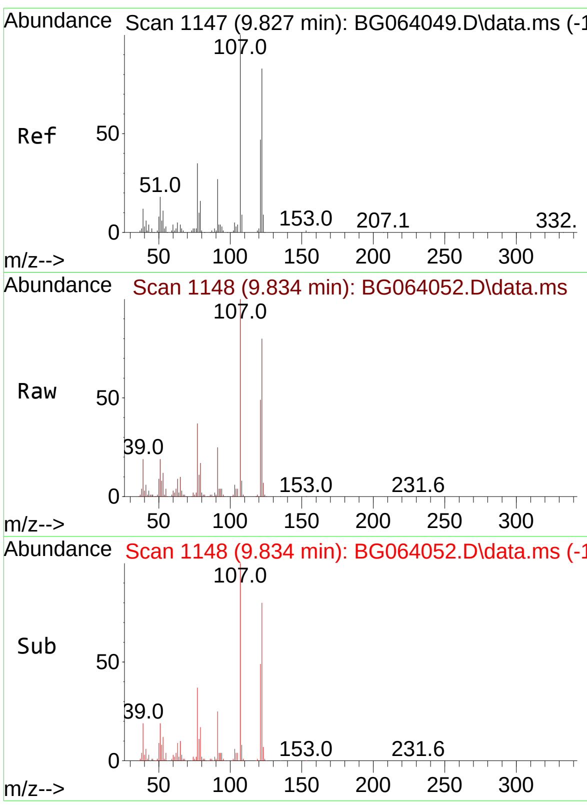
Supervised By :mohammad ahmed 03/07/2025

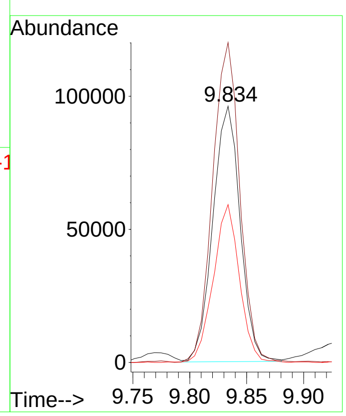




#27
2,4-Dimethylphenol
Concen: 84.413 ng
RT: 9.834 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:122 Resp: 159995

Ion	Ratio	Lower	Upper
122	100		
107	124.9	95.4	143.0
121	61.6	44.9	67.3



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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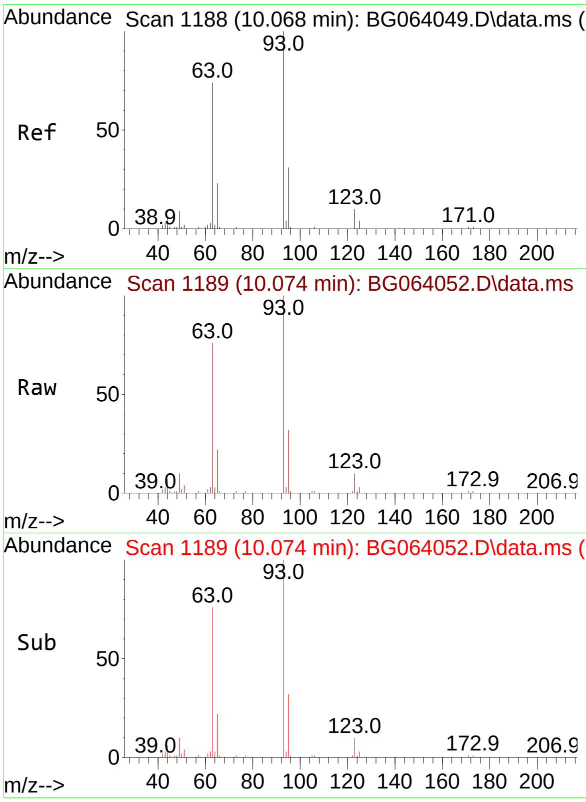
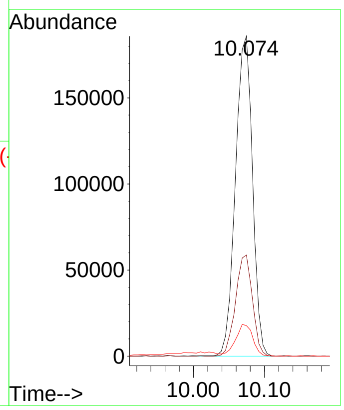
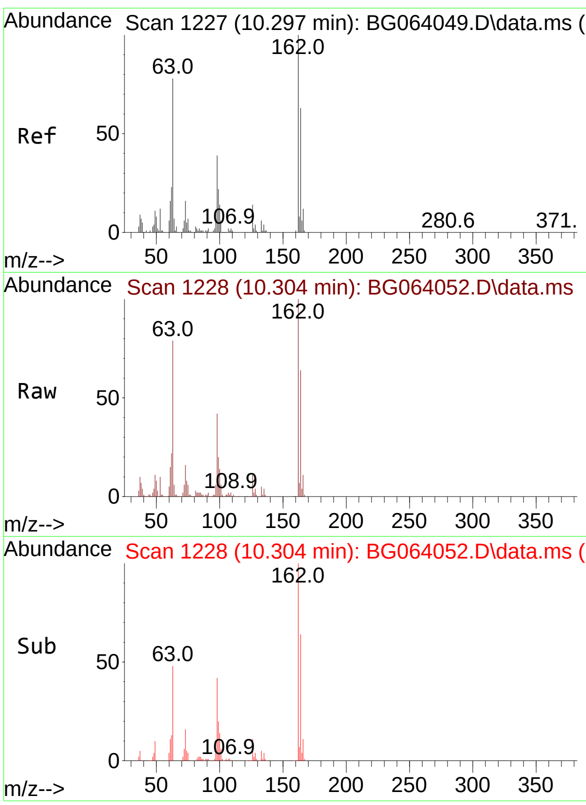


#28
bis(2-Chloroethoxy)methane
Concen: 81.082 ng
RT: 10.074 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 93 Resp: 31080

Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.0	37.4
123	9.5	7.6	11.4

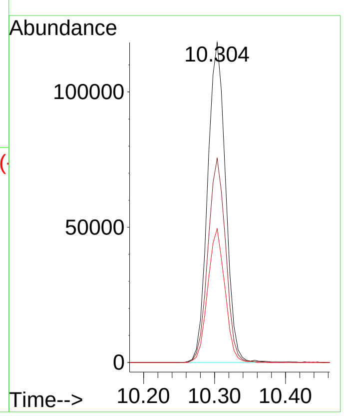


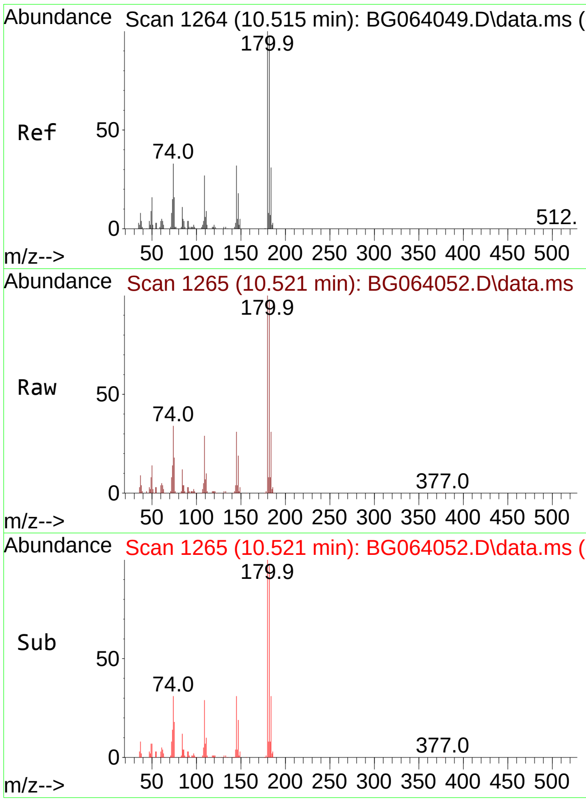


#29
2,4-Dichlorophenol
Concen: 87.086 ng
RT: 10.304 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:162 Resp: 208425

Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.8	82.8
98	41.8	19.1	59.1





#30
1,2,4-Trichlorobenzene
Concen: 80.151 ng
RT: 10.521 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:180 Resp: 23157

Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.3	115.9
145	31.2	25.2	37.8

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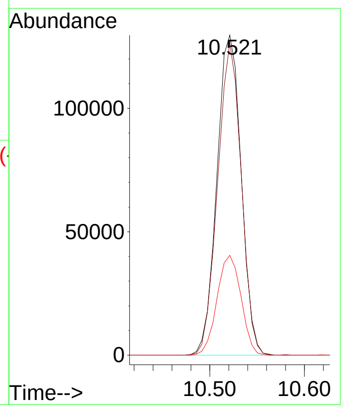
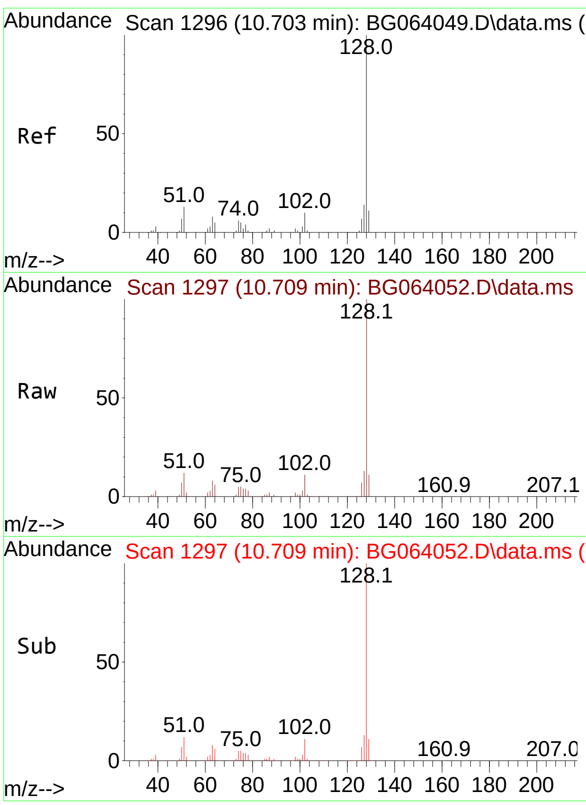
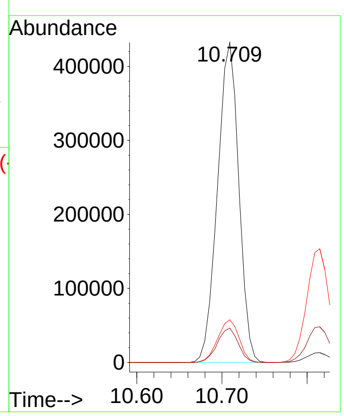




#31
Naphthalene
Concen: 79.925 ng
RT: 10.709 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:128 Resp: 752327

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	13.3	11.1	16.7



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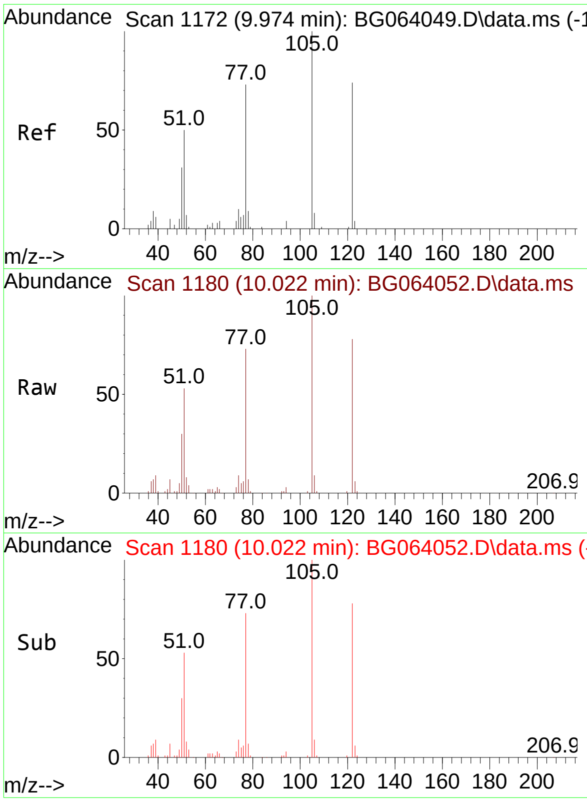

#32
Benzoic acid
Concen: 81.016 ng m
RT: 10.022 min Scan# 1
Delta R.T. 0.048 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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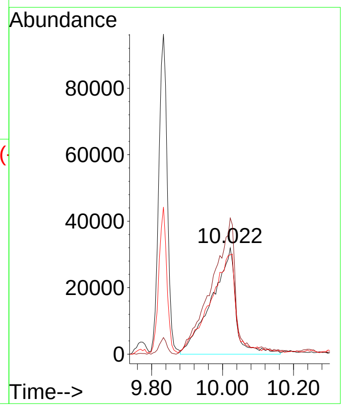
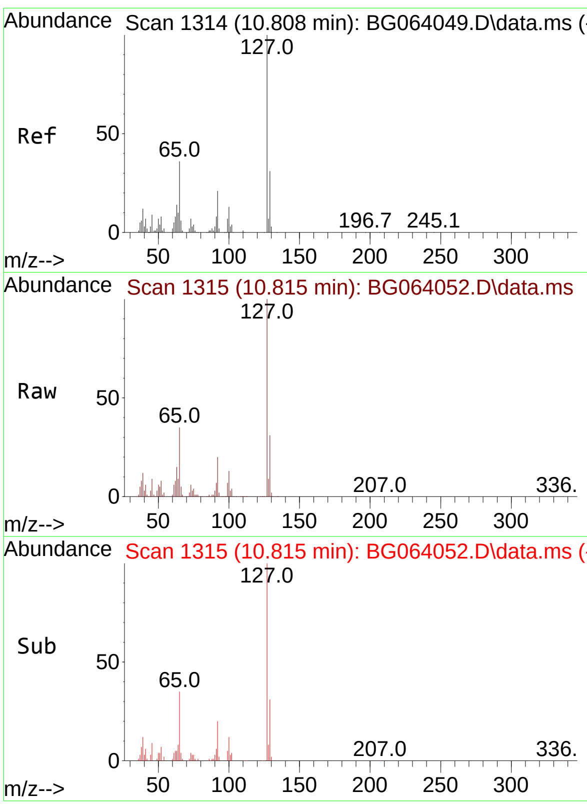
Tgt Ion:122 Resp: 15353

Ion	Ratio	Lower	Upper
122	100		
105	128.1	115.0	155.0
77	93.5	80.9	120.9

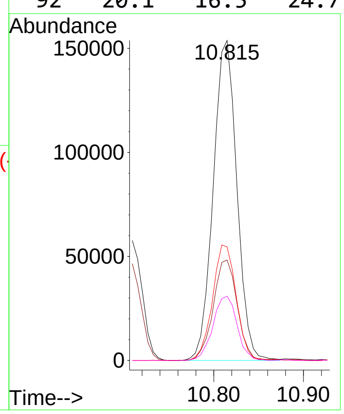


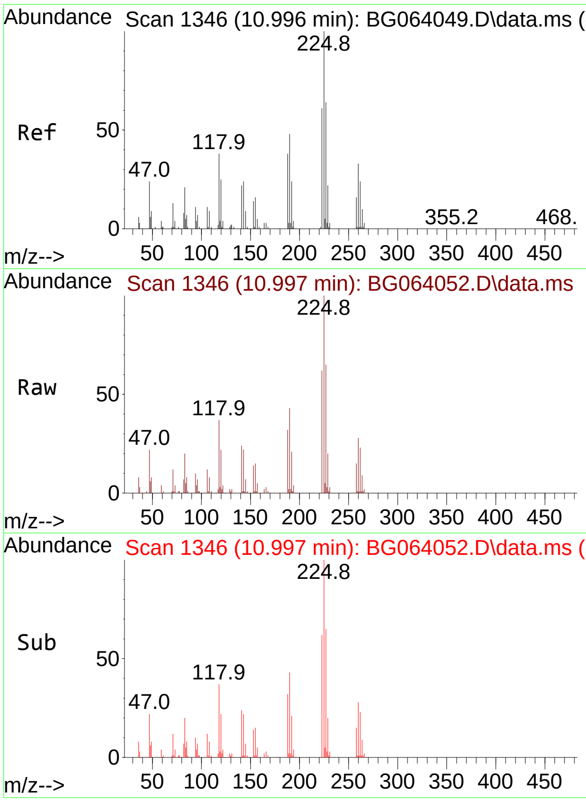


#33
4-Chloroaniline
Concen: 81.948 ng
RT: 10.815 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:127 Resp: 281930

Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.0	37.4
65	35.5	28.5	42.7
92	20.1	16.5	24.7





#34
Hexachlorobutadiene
Concen: 80.341 ng
RT: 10.997 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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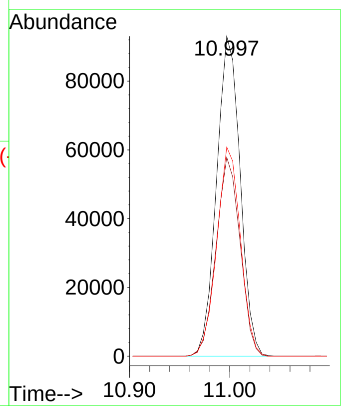
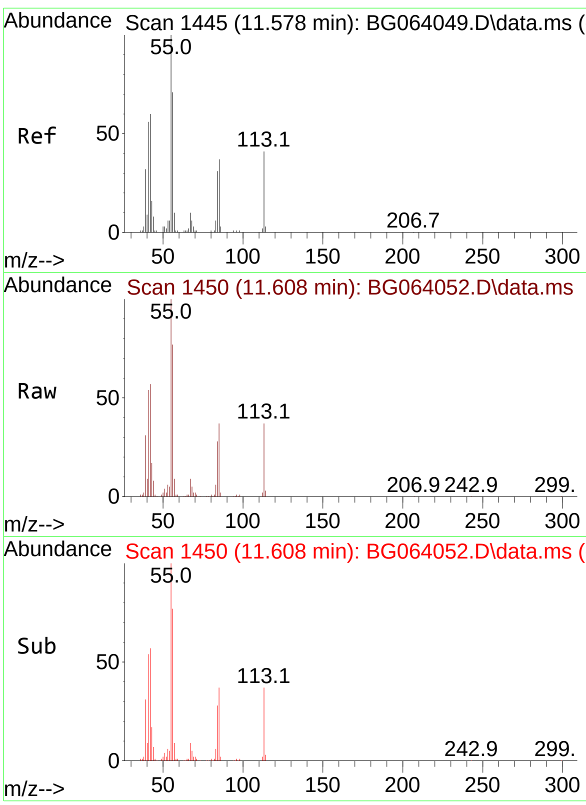
Tgt Ion:225 Resp: 15214

Ion	Ratio	Lower	Upper
225	100		
223	62.1	48.5	72.7
227	65.4	51.0	76.6

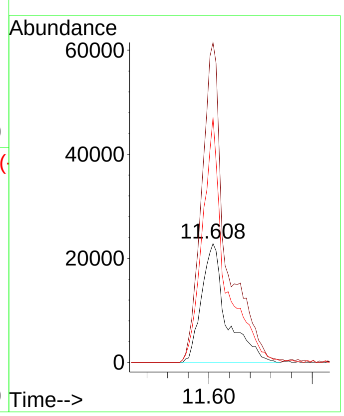




#35
Caprolactam
Concen: 84.477 ng
RT: 11.608 min Scan# 1450
Delta R.T. 0.030 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:113 Resp: 77479

Ion	Ratio	Lower	Upper
113	100		
55	269.1	225.2	265.2#
56	206.0	153.4	193.4#



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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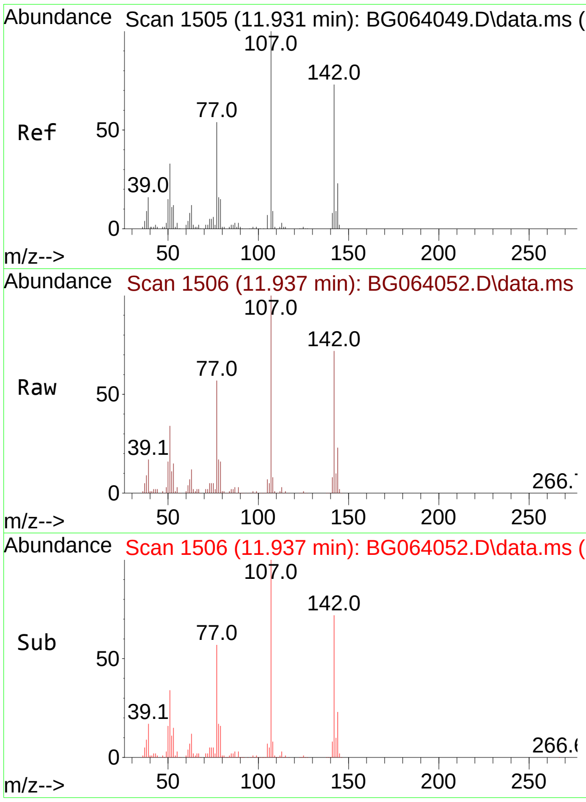
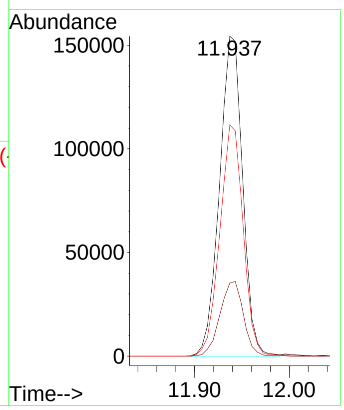
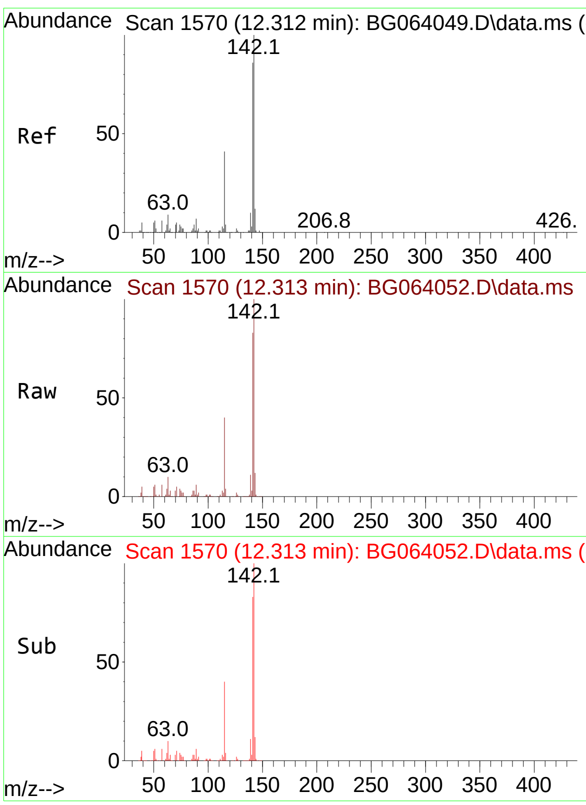


#36
4-Chloro-3-methylphenol
Concen: 83.772 ng
RT: 11.937 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:107 Resp: 26281

Ion	Ratio	Lower	Upper
107	100		
144	22.9	18.6	28.0
142	72.3	58.0	87.0

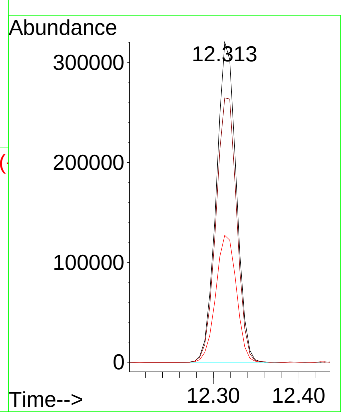




#37
2-Methylnaphthalene
Concen: 78.886 ng
RT: 12.313 min Scan# 1570
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:142 Resp: 524206

Ion	Ratio	Lower	Upper
142	100		
141	82.6	68.6	103.0
115	39.7	32.8	49.2



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Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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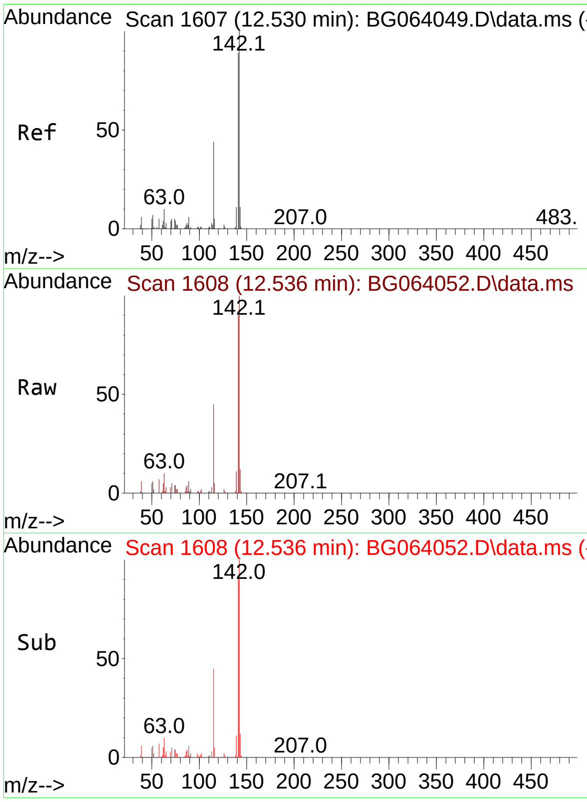
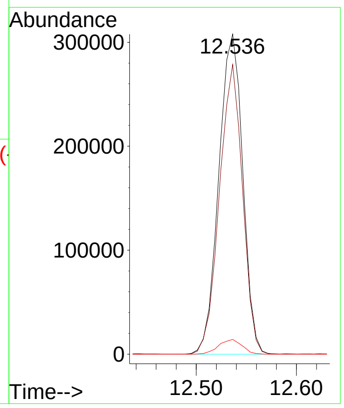
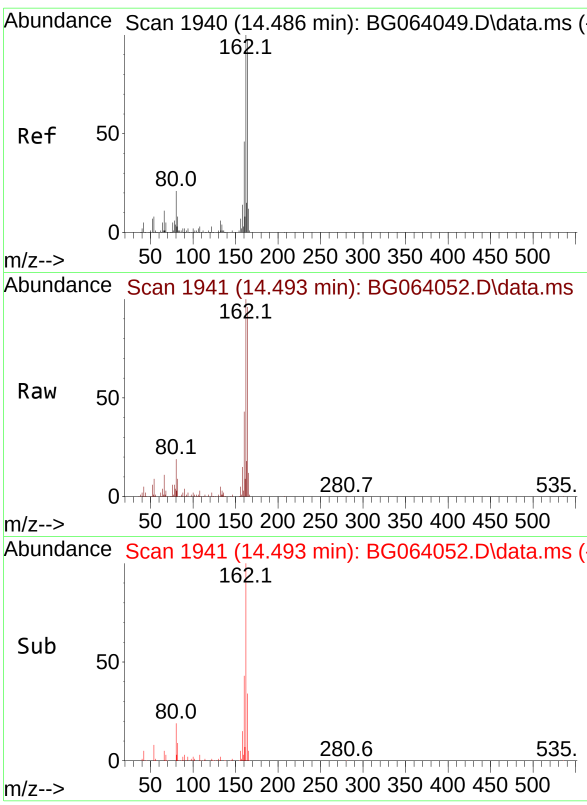


#38
1-Methylnaphthalene
Concen: 78.566 ng
RT: 12.536 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:142 Resp: 51148

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.2	106.8
116	4.6	3.6	5.4

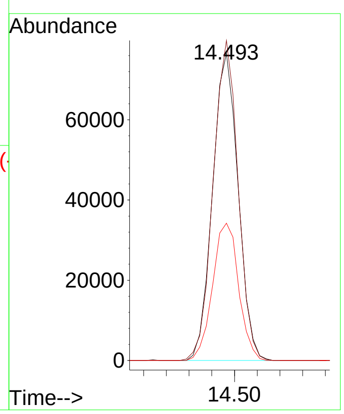


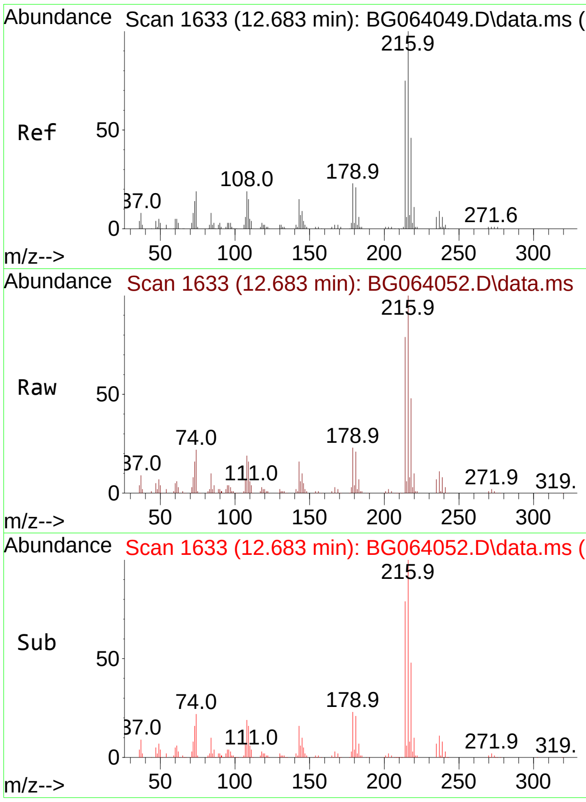


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1941
Delta R.T. 0.007 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:164 Resp: 119753

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.4	122.0
160	44.7	37.0	55.6

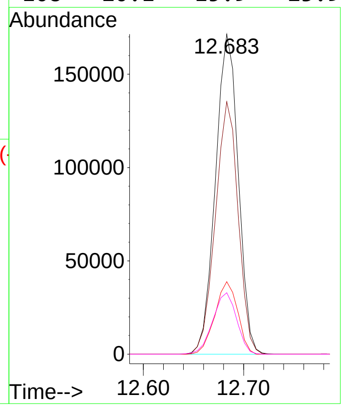




#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.289 ng
RT: 12.683 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:216 Resp: 271079

Ion	Ratio	Lower	Upper
216	100		
214	78.7	61.7	92.5
179	22.6	17.9	26.9
108	20.1	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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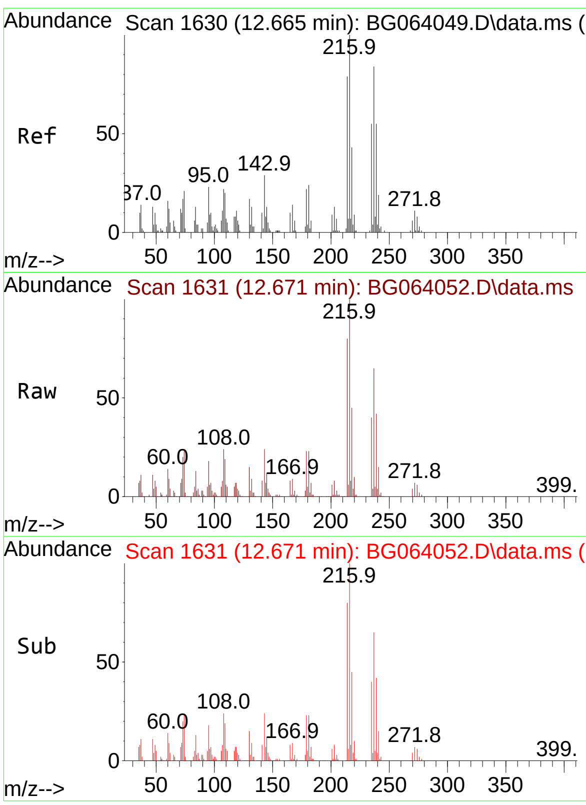
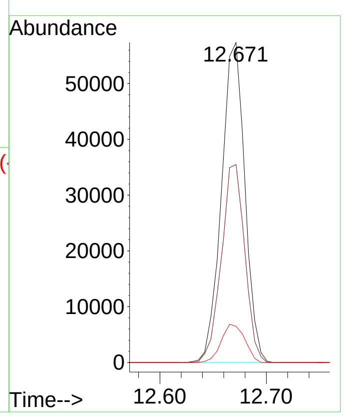


#41
Hexachlorocyclopentadiene
Concen: 91.141 ng
RT: 12.671 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:237 Resp: 87700

Ion	Ratio	Lower	Upper
237	100		
235	61.8	46.0	86.0
272	11.3	0.0	32.8



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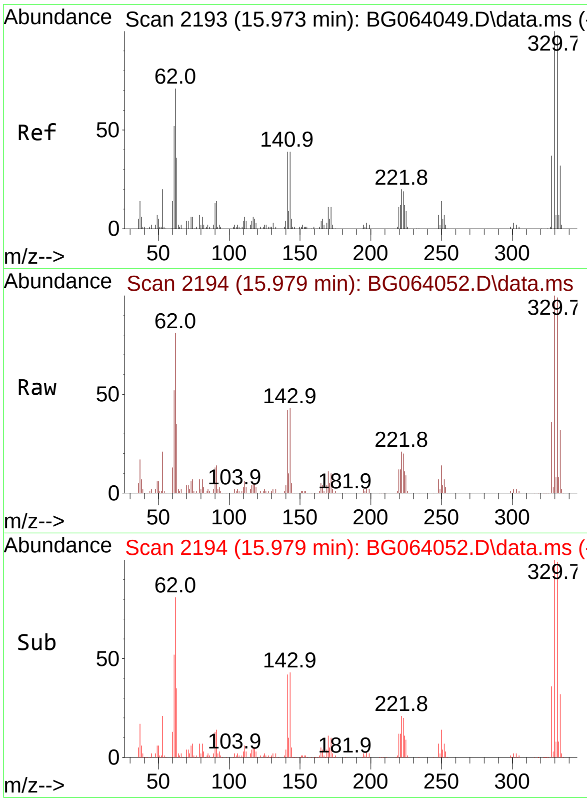

#42
2,4,6-Tribromophenol
Concen: 173.228 ng
RT: 15.979 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:330 Resp: 23059

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.7	115.1
141	39.4	29.7	44.5

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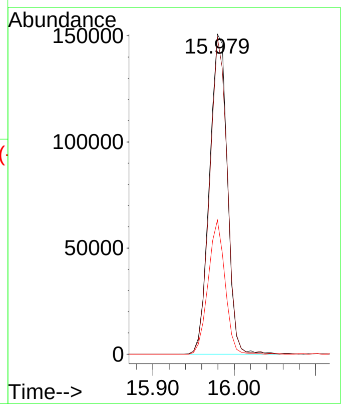
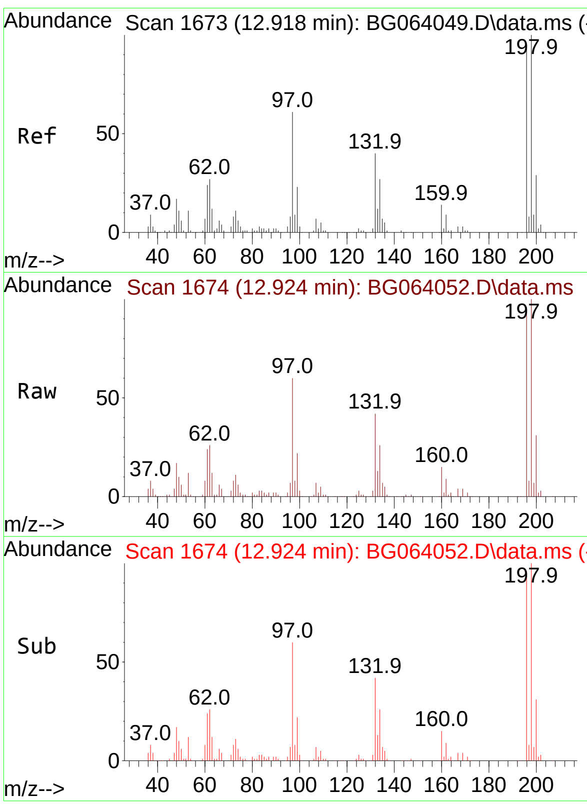
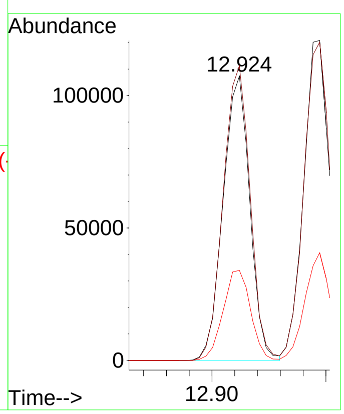


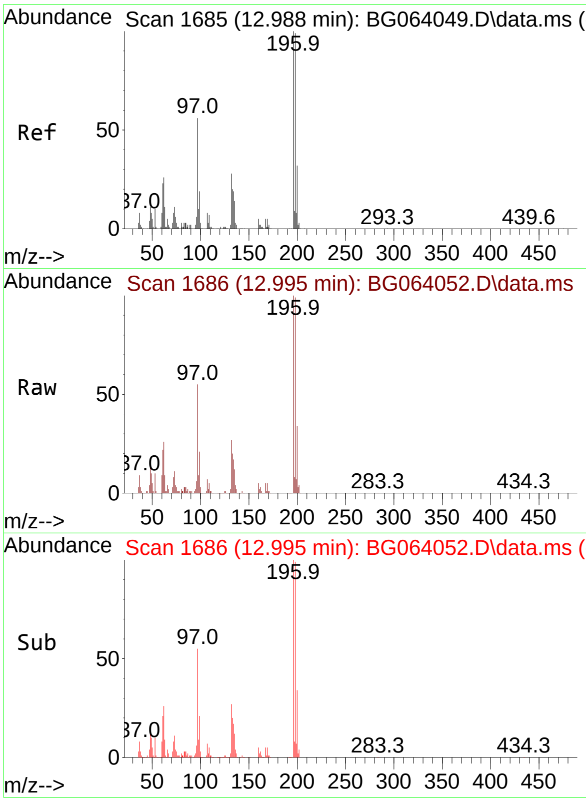


#43
2,4,6-Trichlorophenol
Concen: 86.966 ng
RT: 12.924 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:196 Resp: 175233

Ion	Ratio	Lower	Upper
196	100		
198	103.7	85.6	128.4
200	31.7	24.6	37.0





#44
2,4,5-Trichlorophenol
Concen: 88.360 ng
RT: 12.995 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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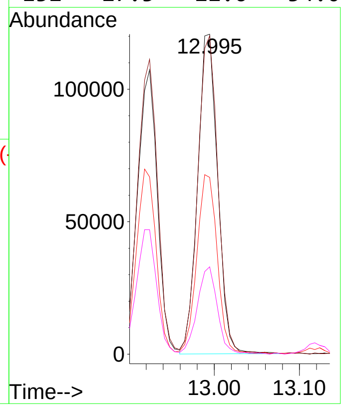
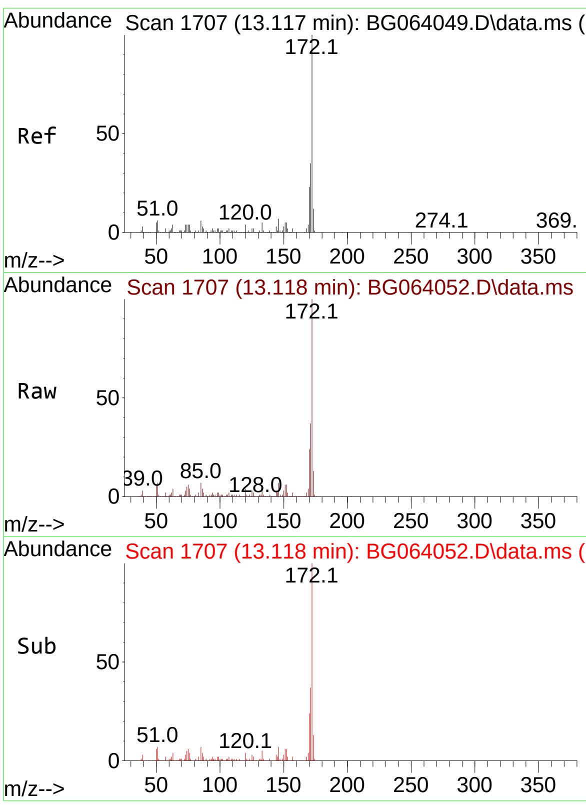
Tgt Ion:196 Resp: 19783

Ion	Ratio	Lower	Upper
196	100		
198	99.5	79.5	119.3
97	55.3	45.2	67.8
132	27.3	22.6	34.0

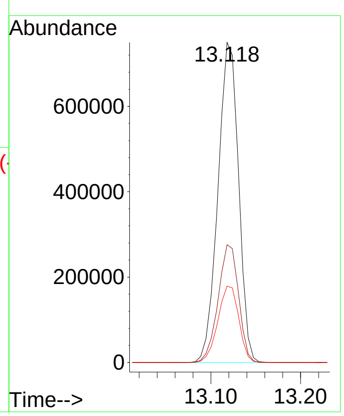


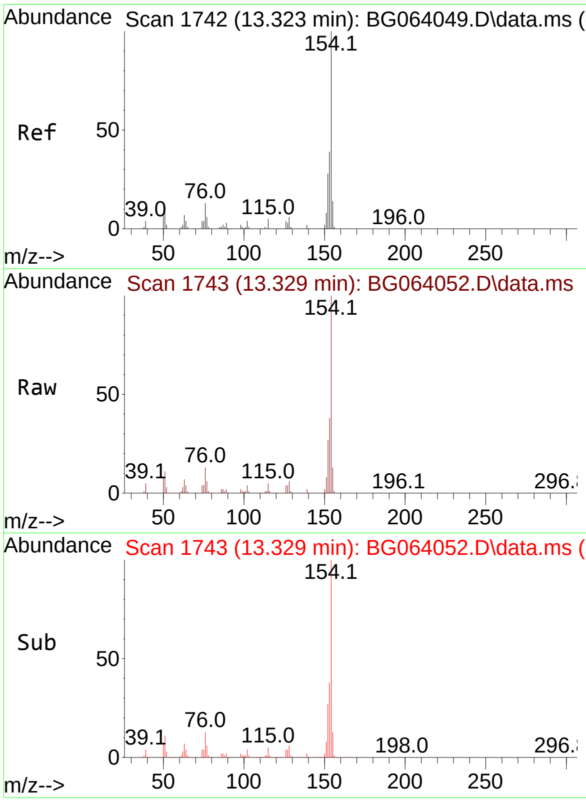


#45
2-Fluorobiphenyl
Concen: 151.908 ng
RT: 13.118 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:172 Resp: 1198476

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.0	42.0
170	23.9	18.7	28.1





#46
1,1'-Biphenyl
Concen: 78.106 ng
RT: 13.329 min   Scan# 1
Delta R.T.   0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025   13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 70665

Ion	Ratio	Lower	Upper
154	100		
153	38.0	19.5	59.5
76	13.3	0.0	33.5

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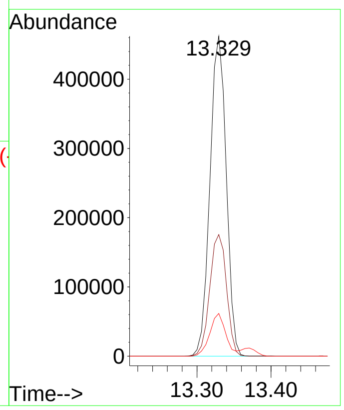
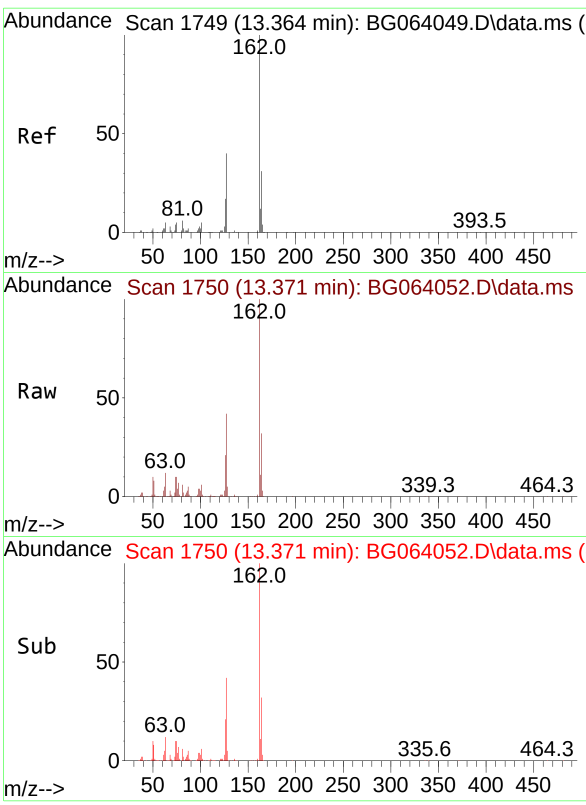
Supervised By :mohammad ahmed   03/07/2025

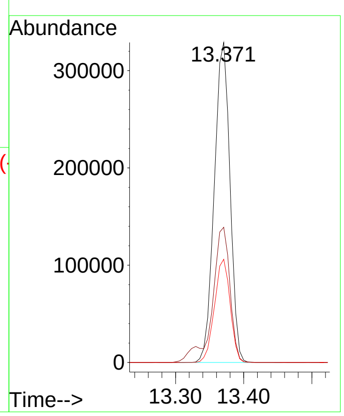




#47
2-Chloronaphthalene
Concen: 80.099 ng
RT: 13.371 min   Scan# 1750
Delta R.T.   0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025   13:44

Tgt Ion:162 Resp: 528541

Ion	Ratio	Lower	Upper
162	100		
127	42.2	35.0	52.4
164	32.3	25.0	37.6



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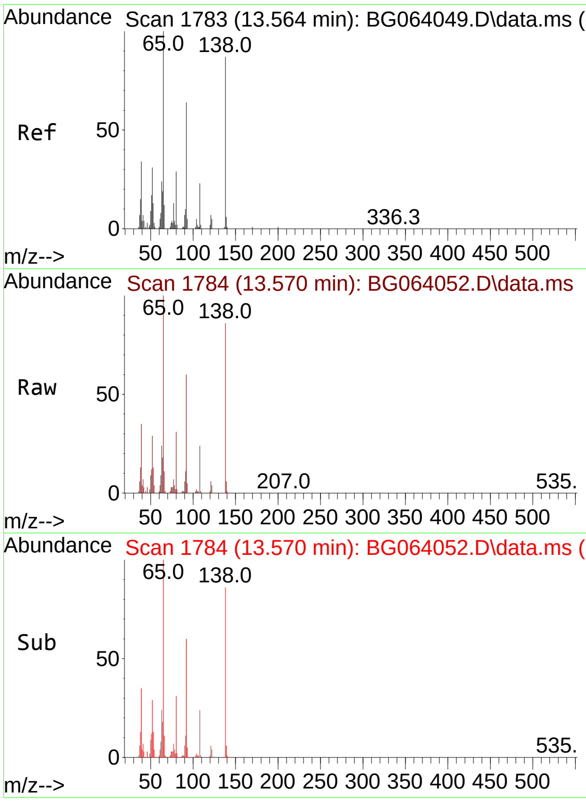

#48
2-Nitroaniline
Concen: 79.407 ng
RT: 13.570 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 65 Resp: 19536

Ion	Ratio	Lower	Upper
65	100		
92	60.3	51.2	76.8
138	85.9	69.4	104.2

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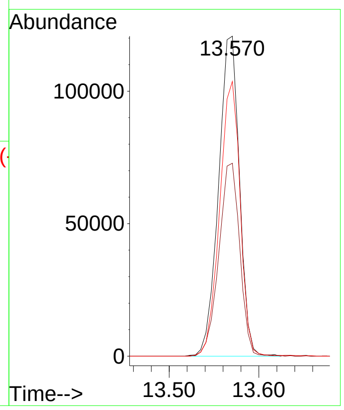
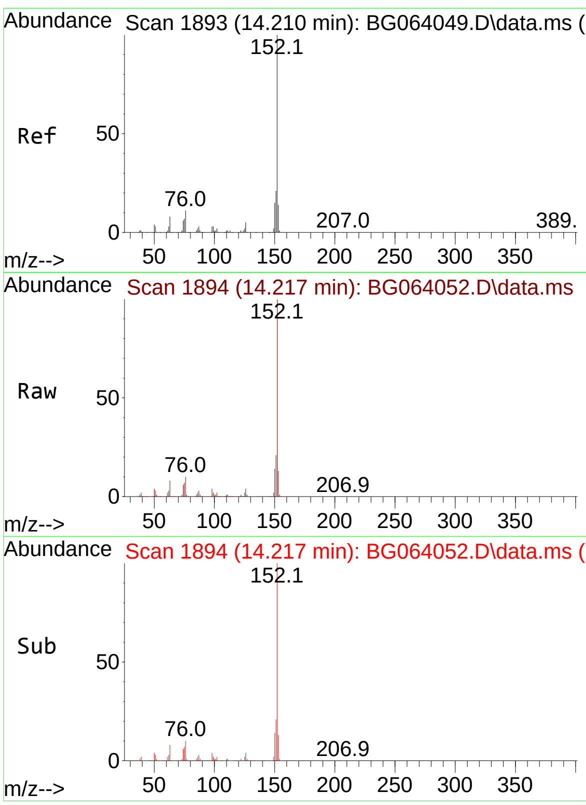
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

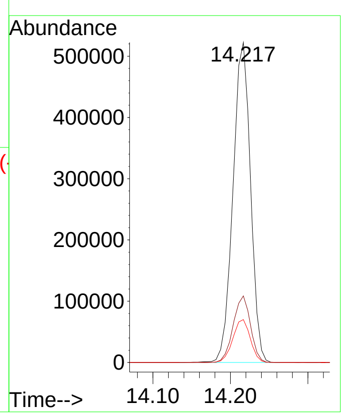


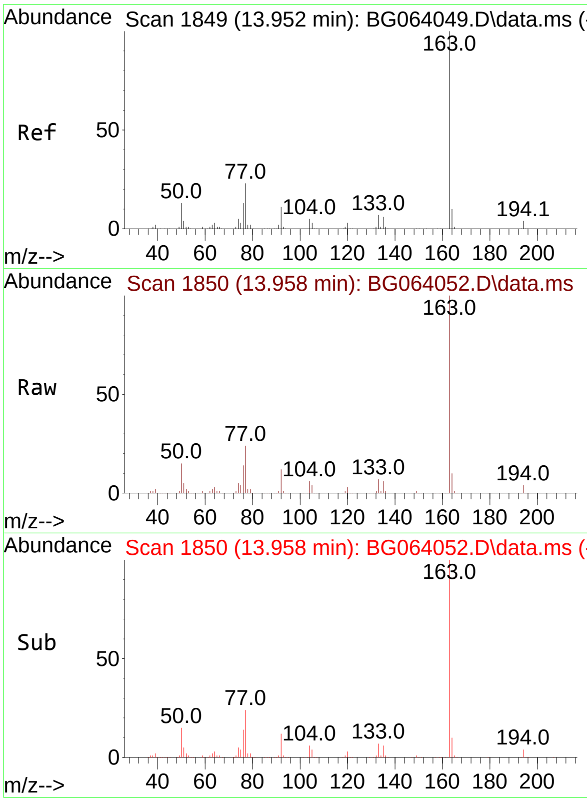


#49
Acenaphthylene
Concen: 78.787 ng
RT: 14.217 min Scan# 1894
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:152 Resp: 822307

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	13.4	10.9	16.3





#50
Dimethylphthalate
Concen: 78.689 ng
RT: 13.958 min   Scan# 1
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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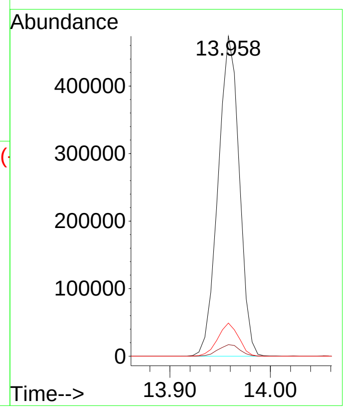
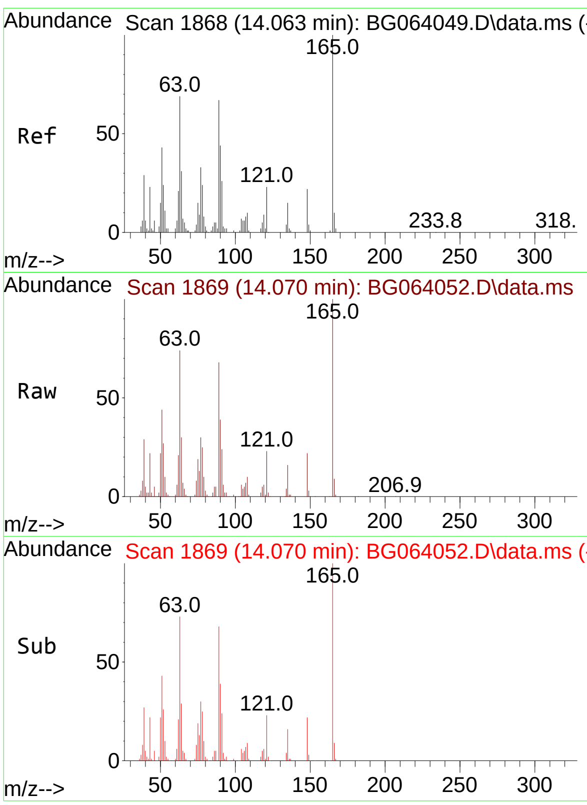
Tgt Ion:163 Resp: 69559

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.4	8.2	12.2

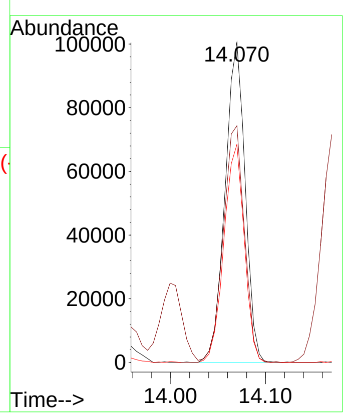


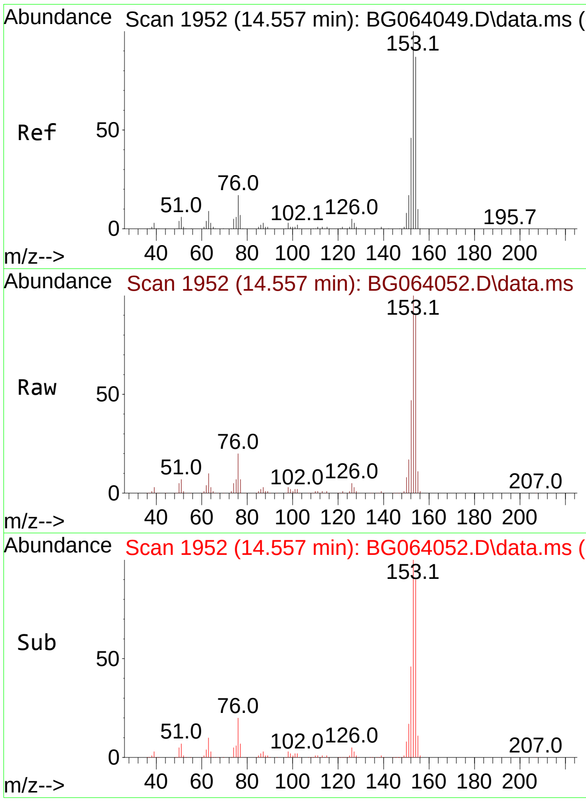


#51
2,6-Dinitrotoluene
Concen: 79.965 ng
RT: 14.070 min   Scan# 1869
Delta R.T. 0.007 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:165 Resp: 147719

Ion	Ratio	Lower	Upper
165	100		
63	74.0	56.7	85.1
89	68.1	53.7	80.5





#52
Acenaphthene
Concen: 76.999 ng
RT: 14.557 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:154 Resp: 54044

Ion	Ratio	Lower	Upper
154	100		
153	111.4	91.6	137.4
152	51.9	42.5	63.7

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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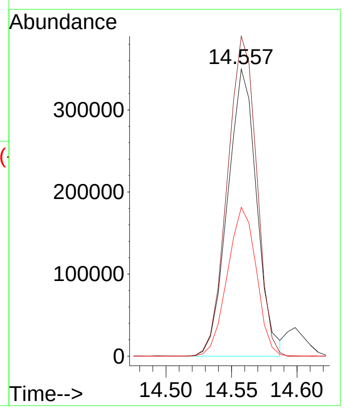
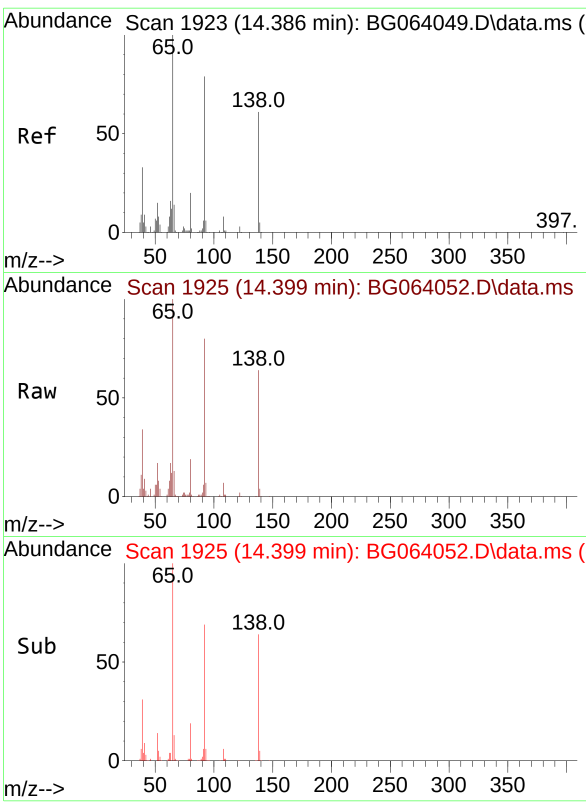
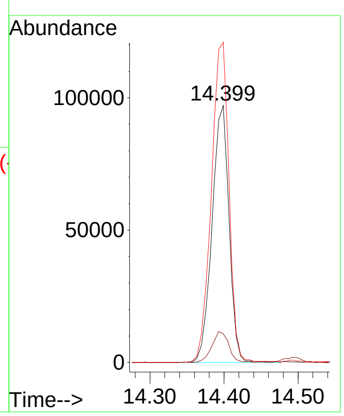




#53
3-Nitroaniline
Concen: 90.561 ng
RT: 14.399 min Scan# 1925
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:138 Resp: 154723

Ion	Ratio	Lower	Upper
138	100		
108	11.2	10.1	15.1
92	124.6	104.1	156.1



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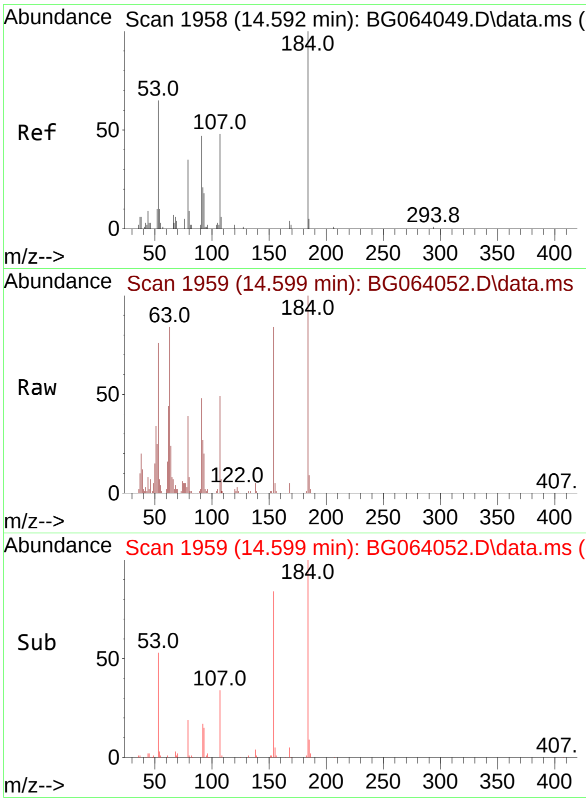

#54
2,4-Dinitrophenol
Concen: 82.400 ng
RT: 14.599 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:184 Resp: 6180

Ion	Ratio	Lower	Upper
184	100		
63	84.0	57.5	86.3
154	83.9	52.3	78.5#

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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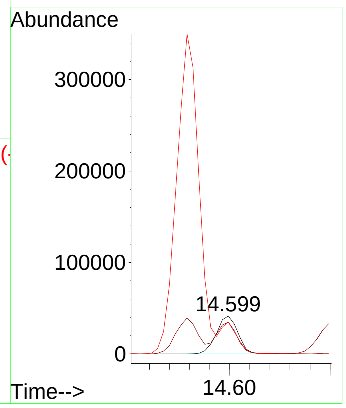
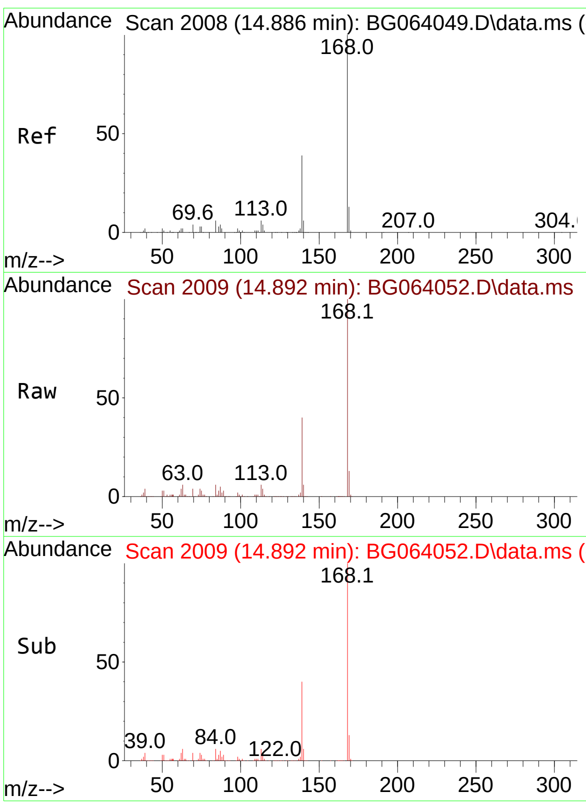
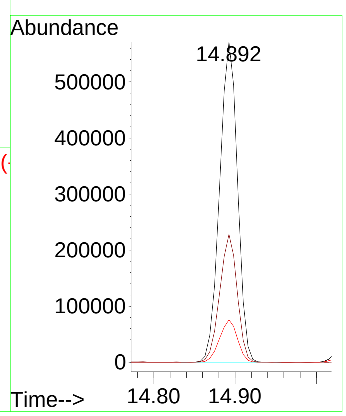




#55
Dibenzofuran
Concen: 77.066 ng
RT: 14.892 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:168 Resp: 874479

Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.1	46.7
169	13.2	10.5	15.7



Instrument :
BNA_G
ClientSampleId :
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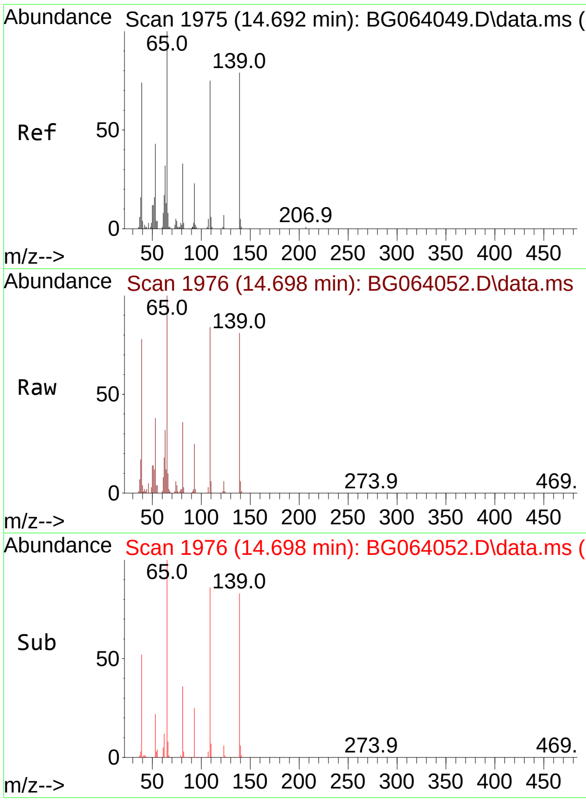
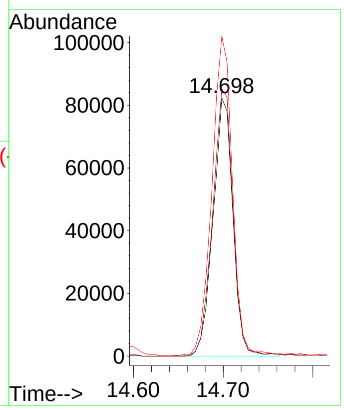
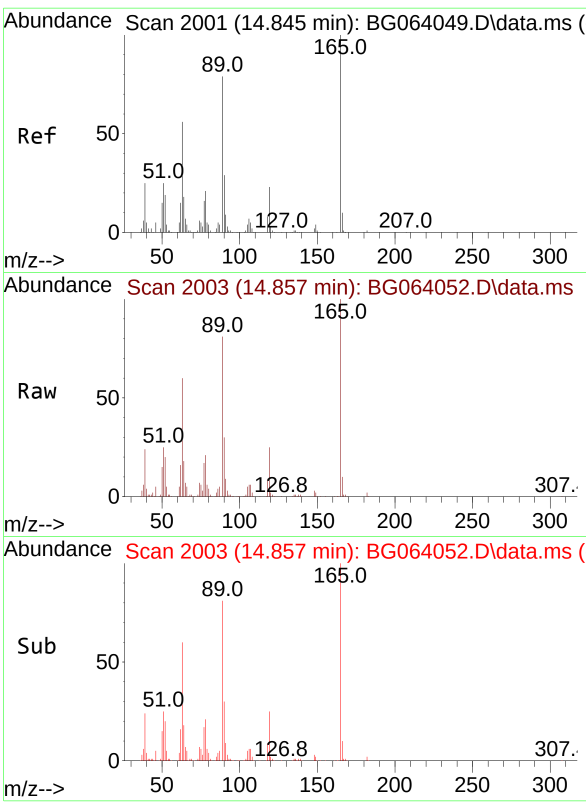


#56
4-Nitrophenol
Concen: 88.621 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:139 Resp: 12698

Ion	Ratio	Lower	Upper
139	100		
109	103.5	74.9	114.9
65	123.8	106.8	146.8

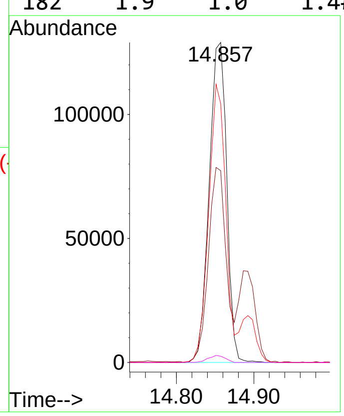




#57
2,4-Dinitrotoluene
Concen: 79.564 ng
RT: 14.857 min Scan# 2003
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:165 Resp: 203301

Ion	Ratio	Lower	Upper
165	100		
63	60.0	45.0	67.6
89	80.9	63.1	94.7
182	1.9	1.0	1.4#



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Instrument :
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ClientSampleId :
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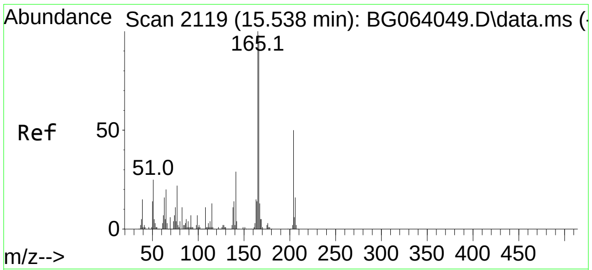
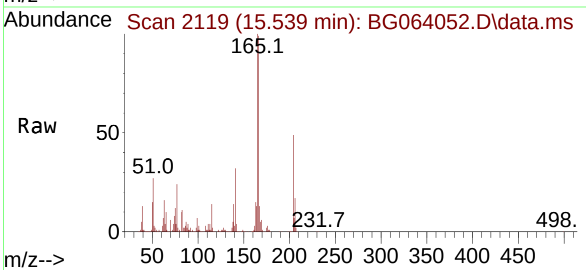
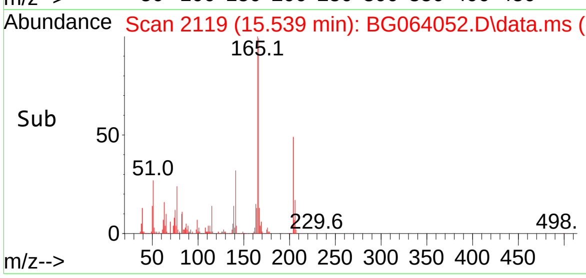


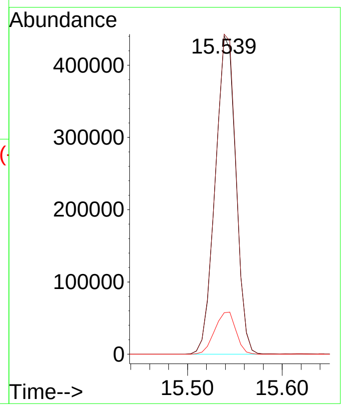


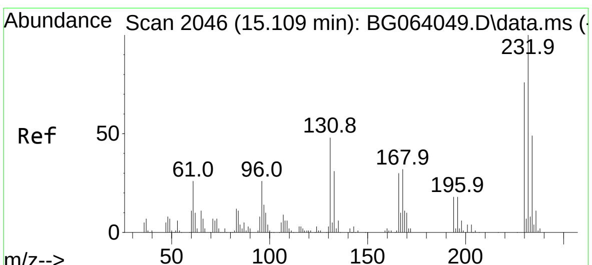


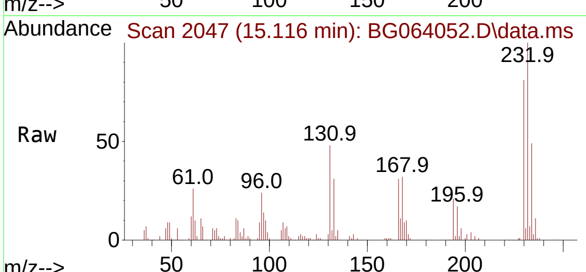
#58
Fluorene
Concen: 75.593 ng
RT: 15.539 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

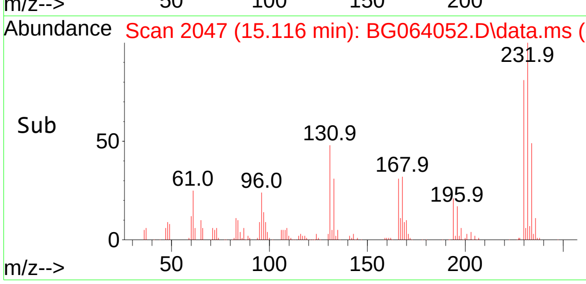
Tgt Ion:166 Resp: 66807

Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.8	122.8
167	13.0	10.8	16.2





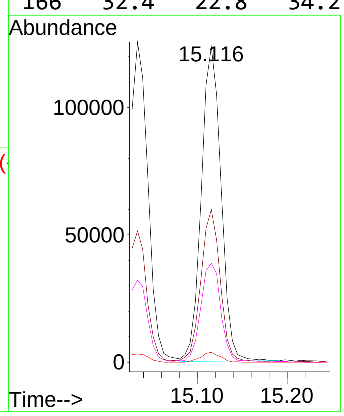




#59
2,3,4,6-Tetrachlorophenol
Concen: 86.273 ng
RT: 15.116 min Scan# 2047
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:232 Resp: 188307

Ion	Ratio	Lower	Upper
232	100		
131	47.8	36.3	54.5
130	3.1	1.9	2.9#
166	32.4	22.8	34.2



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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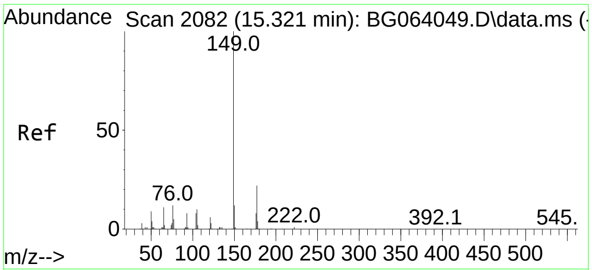
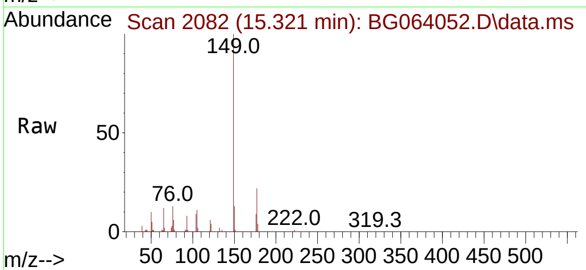
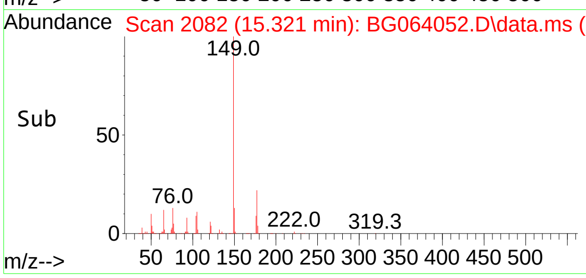
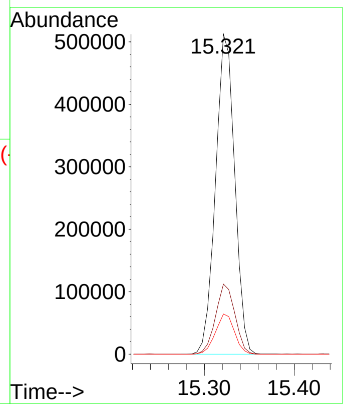


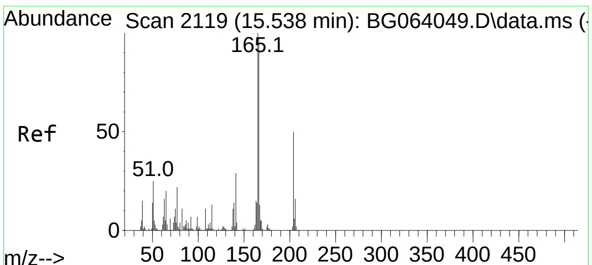


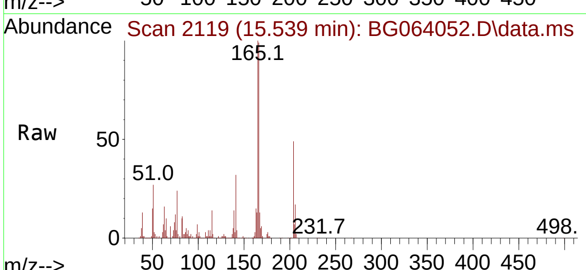


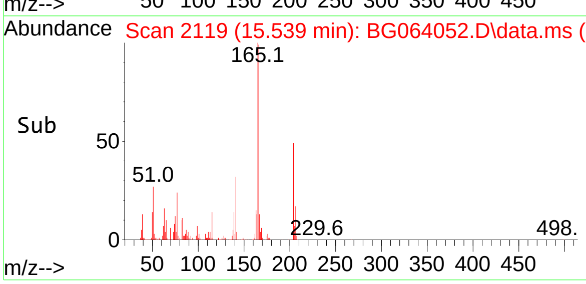

```
#60
Diethylphthalate
Concen:   79.055 ng
RT:  15.321 min  Scan# 2(
Delta R.T.  0.001 min
Lab File:   BG064052.D
Acq:  5 Mar 2025  13:44

Tgt Ion:149 Resp:  75865(
Ion  Ratio  Lower  Upper
149  100
177   21.9   17.4   26.2
150   12.6    9.4   14.2
```



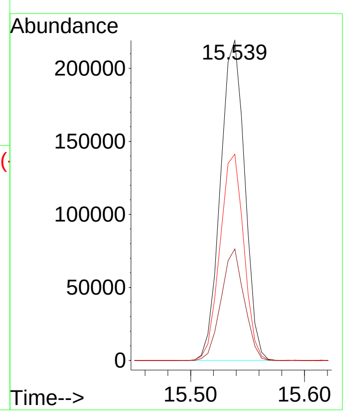







```
#61
4-Chlorophenyl-phenylether
Concen:   74.261 ng
RT:  15.539 min  Scan# 2119
Delta R.T.  0.001 min
Lab File:   BG064052.D
Acq:  5 Mar 2025  13:44

Tgt Ion:204 Resp:  326141
Ion  Ratio  Lower  Upper
204  100
206   34.8   25.5   38.3
141   64.4   45.4   68.0
```



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Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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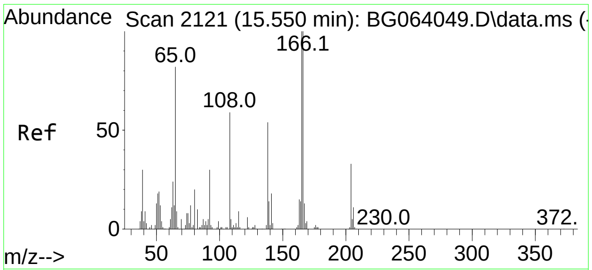
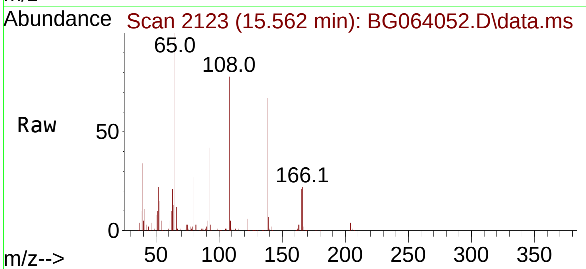
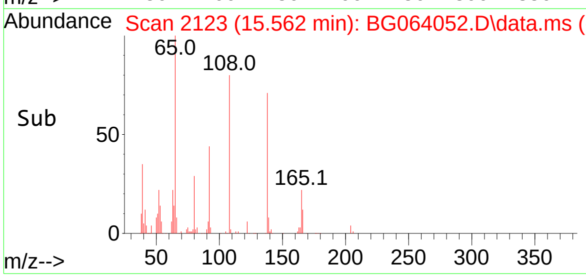


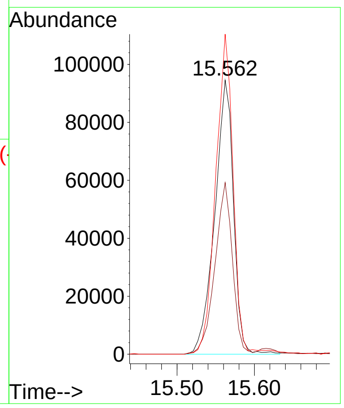


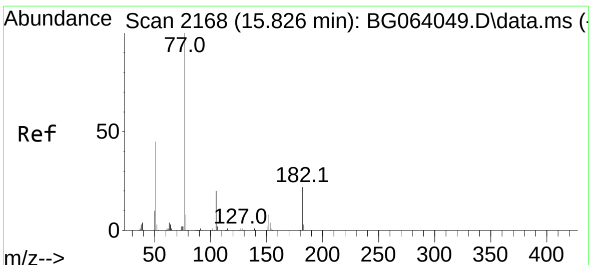


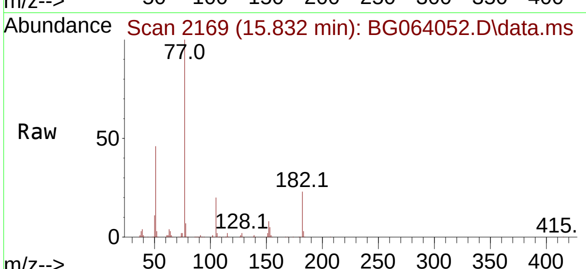
#62
4-Nitroaniline
Concen: 86.459 ng
RT: 15.562 min Scan# 2
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

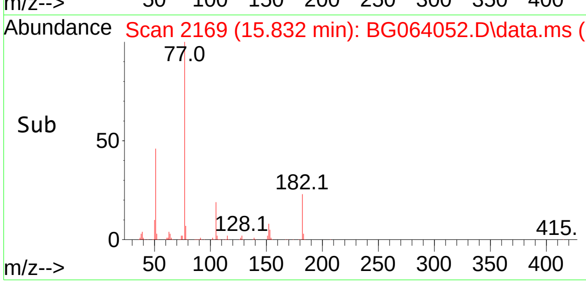
Tgt Ion:138 Resp: 15947

Ion	Ratio	Lower	Upper
138	100		
92	62.6	36.1	76.1
108	116.8	87.9	127.9





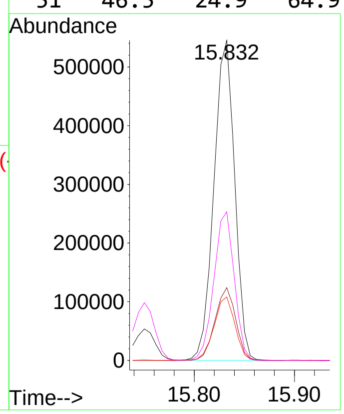




#63
Azobenzene
Concen: 76.893 ng
RT: 15.832 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion: 77 Resp: 787412

Ion	Ratio	Lower	Upper
77	100		
182	22.8	2.4	42.4
105	19.9	0.0	40.0
51	46.5	24.9	64.9



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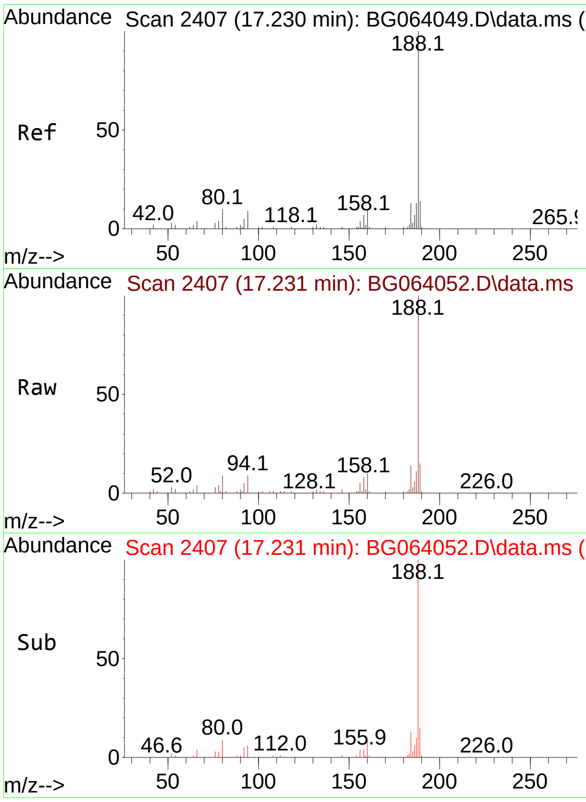
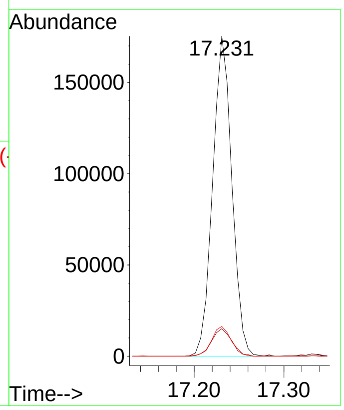


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.231 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:188 Resp: 26135

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	9.3	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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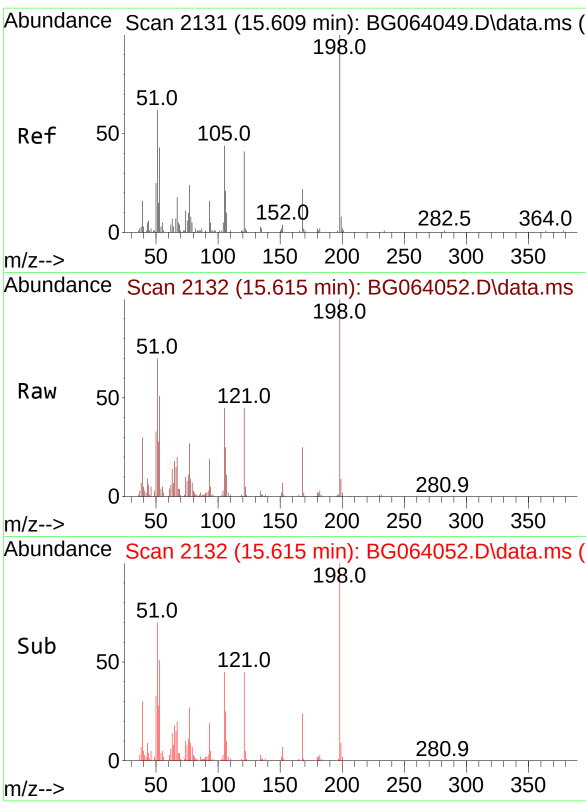
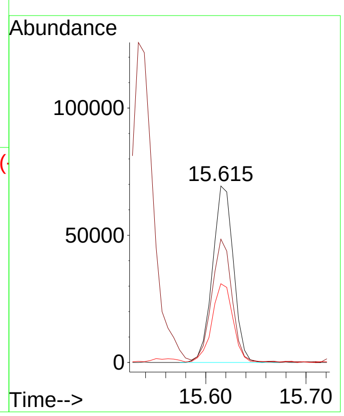
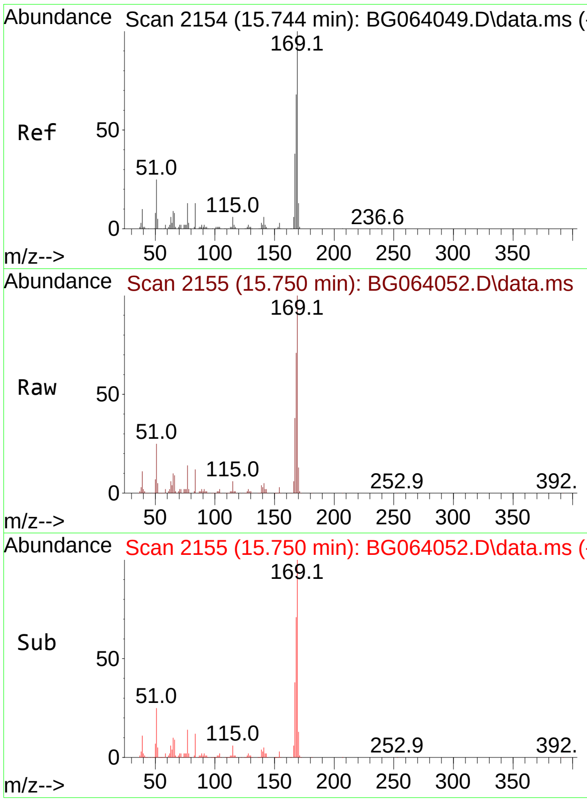


#65
4,6-Dinitro-2-methylphenol
Concen: 81.905 ng
RT: 15.615 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:198 Resp: 100338

Ion	Ratio	Lower	Upper
198	100		
51	69.9	45.6	85.6
105	44.6	25.3	65.3





#66
n-Nitrosodiphenylamine
Concen: 79.884 ng
RT: 15.750 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:169 Resp: 59097

Ion	Ratio	Lower	Upper
169	100		
168	70.9	54.1	81.1
167	37.7	30.3	45.5

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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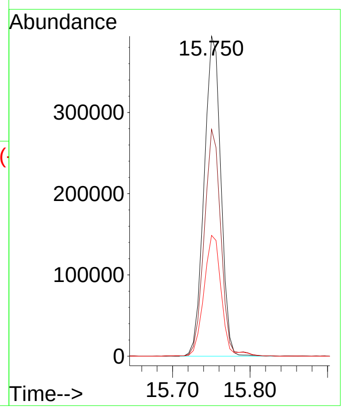
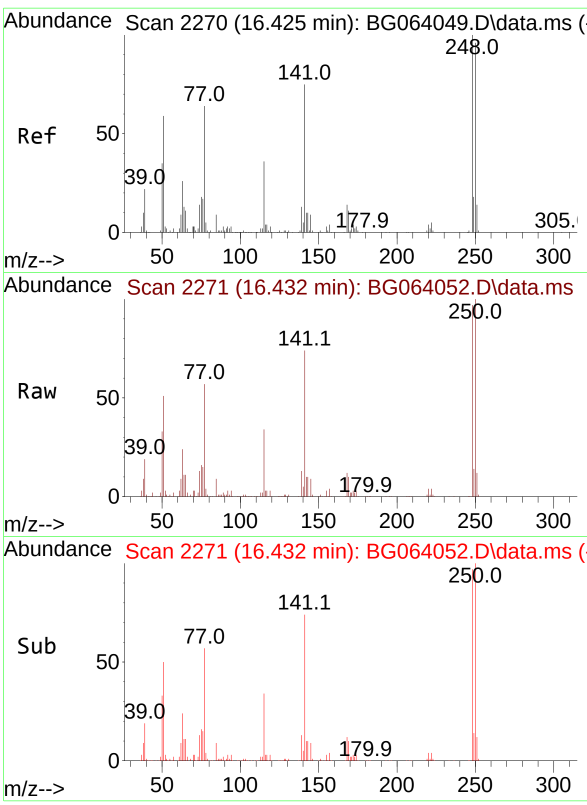
Supervised By :mohammad ahmed 03/07/2025

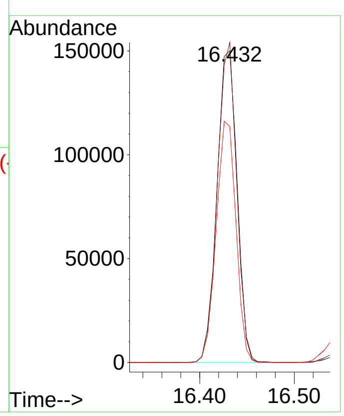




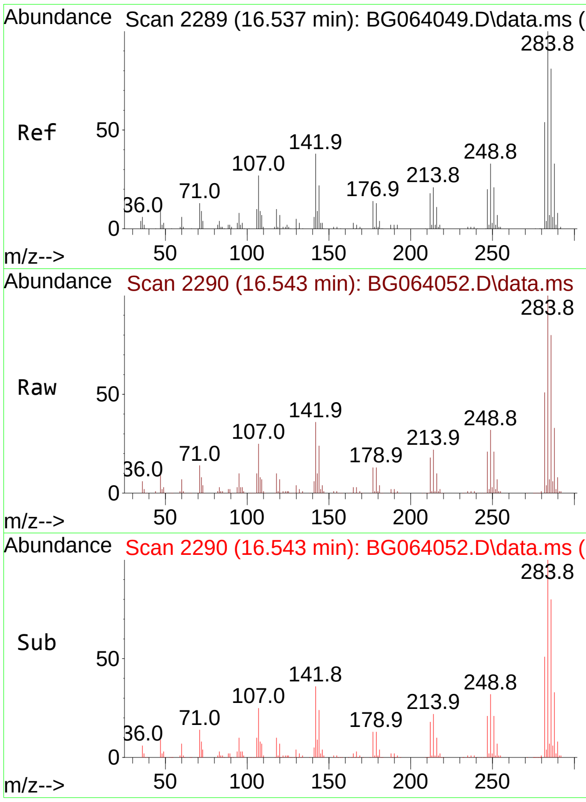
#67
4-Bromophenyl-phenylether
Concen: 83.033 ng
RT: 16.432 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:248 Resp: 222258

Ion	Ratio	Lower	Upper
248	100		
250	102.7	77.1	115.7
141	75.8	59.8	89.8



ICAL Form



#68
Hexachlorobenzene
Concen: 80.390 ng
RT: 16.543 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:284 Resp: 24090

Ion	Ratio	Lower	Upper
284	100		
142	36.4	30.6	45.8
249	32.1	26.6	39.8

Manual Integrations
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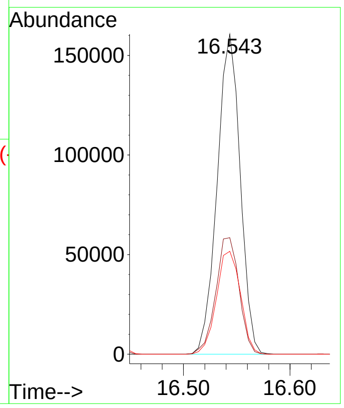
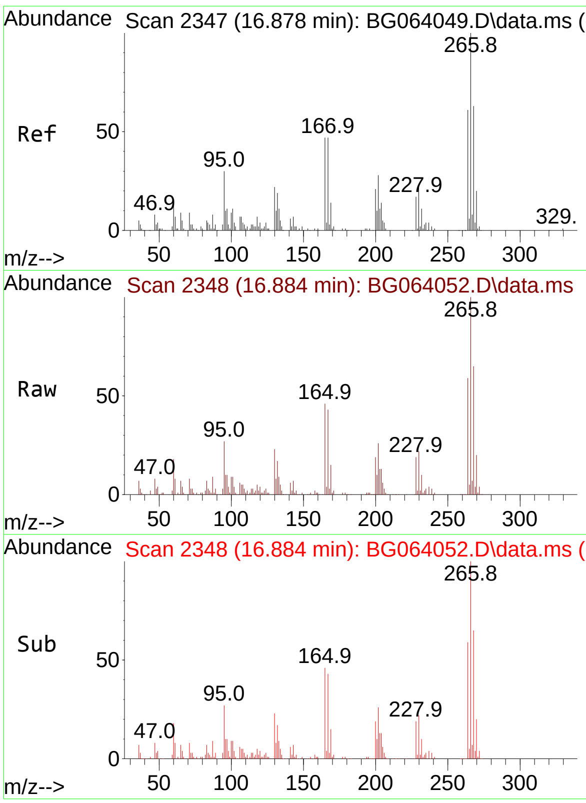
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

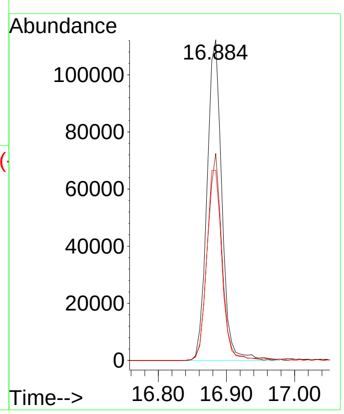




#70
Pentachlorophenol
Concen: 91.819 ng
RT: 16.884 min Scan# 2348
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:266 Resp: 170842

Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.2	75.4
264	59.4	48.9	73.3



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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Reviewed By :Jagrut Upadhyay 03/06/2025
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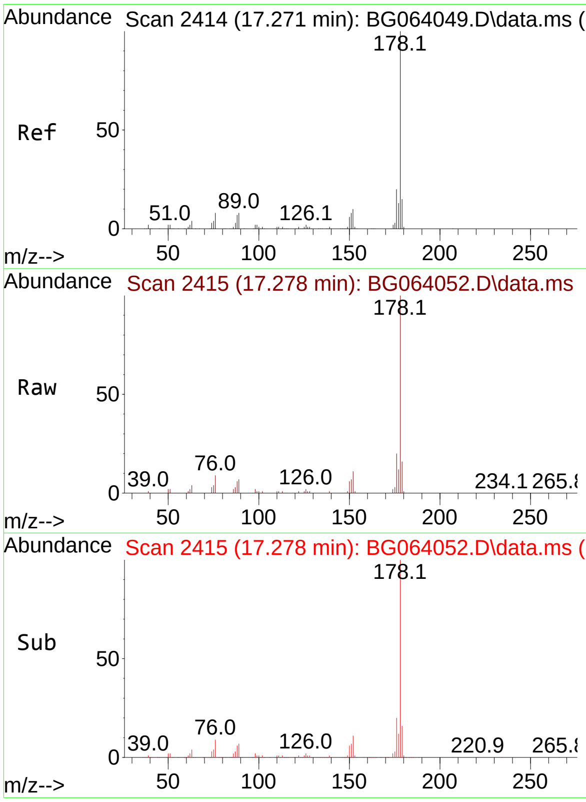
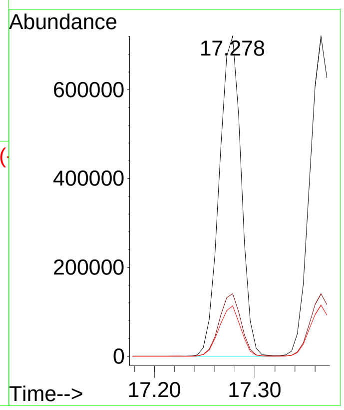
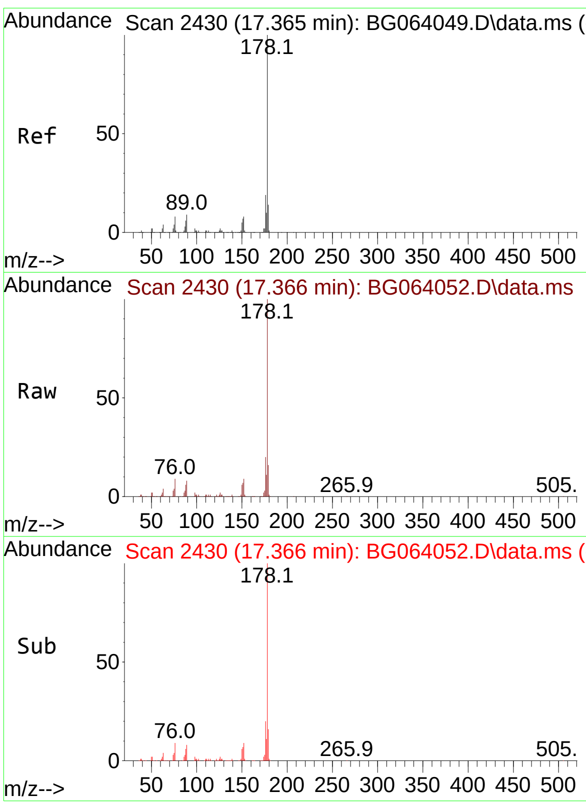
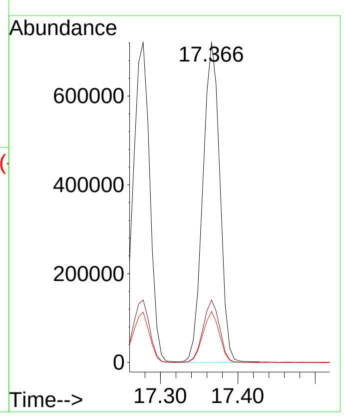


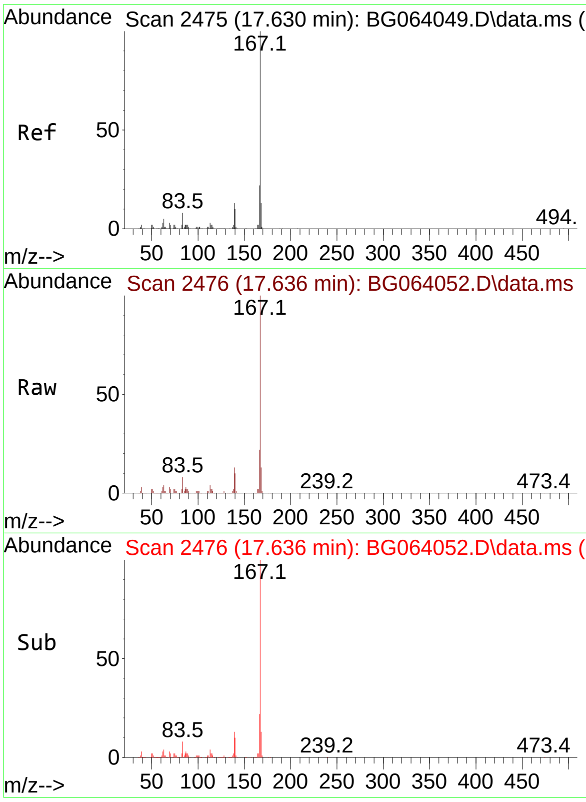

```
#71
Phenanthrene
Concen:   78.492 ng
RT:  17.278 min  Scan# 24
Delta R.T.  0.006 min
Lab File:   BG064052.D
Acq:  5 Mar 2025  13:44

Tgt Ion:178 Resp: 109418
Ion  Ratio  Lower  Upper
178  100
176   19.6   15.9   23.9
179   15.8   12.2   18.2
```






```
#72
Anthracene
Concen:   79.297 ng
RT:  17.366 min  Scan# 2430
Delta R.T.  0.001 min
Lab File:   BG064052.D
Acq:  5 Mar 2025  13:44

Tgt Ion:178 Resp: 1099164
Ion  Ratio  Lower  Upper
178  100
176   19.5   14.8   22.2
179   16.0   11.5   17.3
```





#73
Carbazole
Concen: 77.234 ng
RT: 17.636 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 99954

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.0	27.0
139	13.1	10.6	15.8

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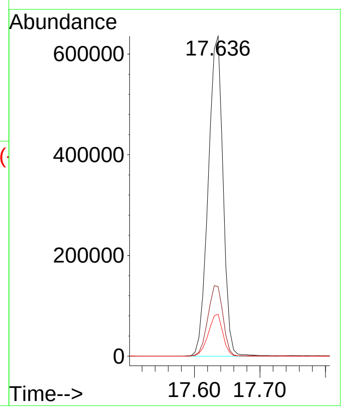
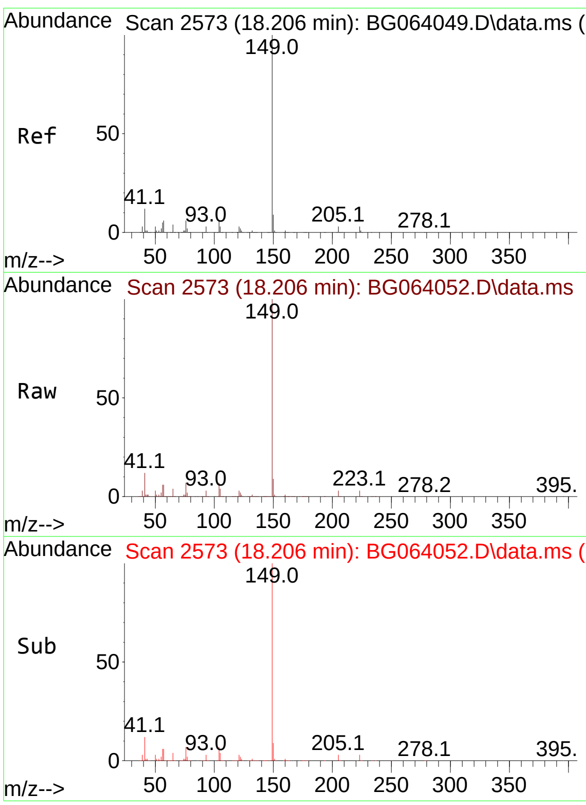
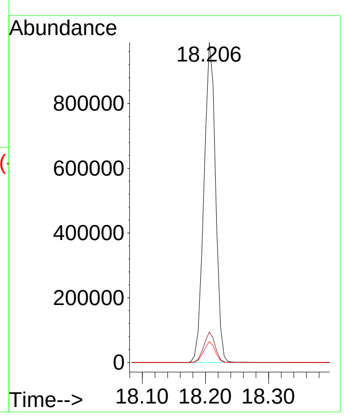


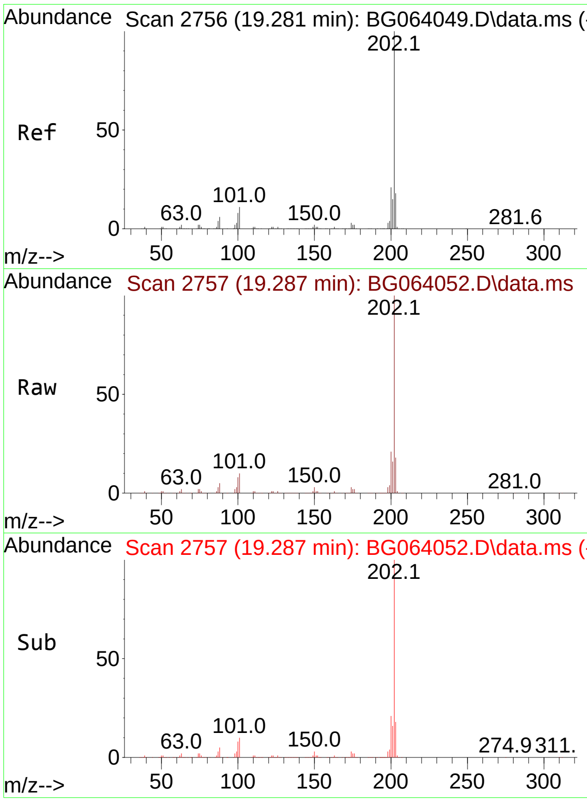


#74
Di-n-butylphthalate
Concen: 82.920 ng
RT: 18.206 min Scan# 2573
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:149 Resp: 1263186

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	6.5	5.0	7.6





#75
Fluoranthene
Concen: 75.929 ng
RT: 19.287 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 127604

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.5
203	17.9	0.0	38.3

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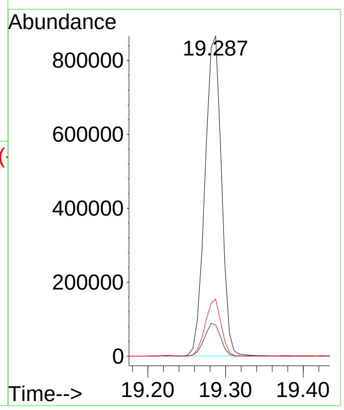
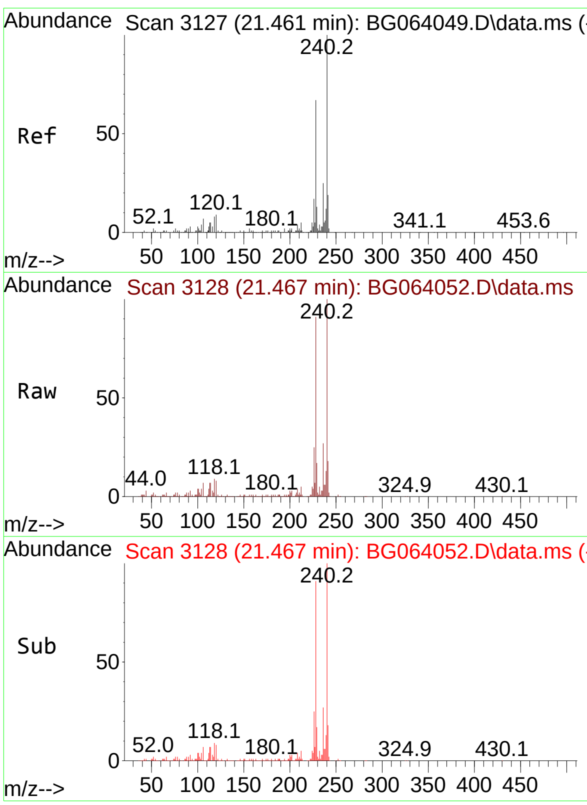
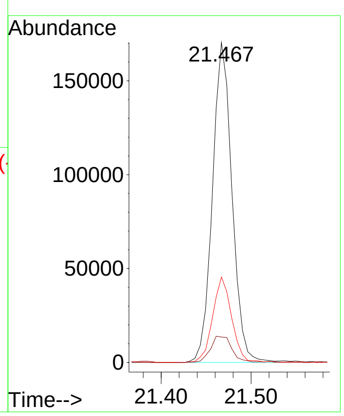




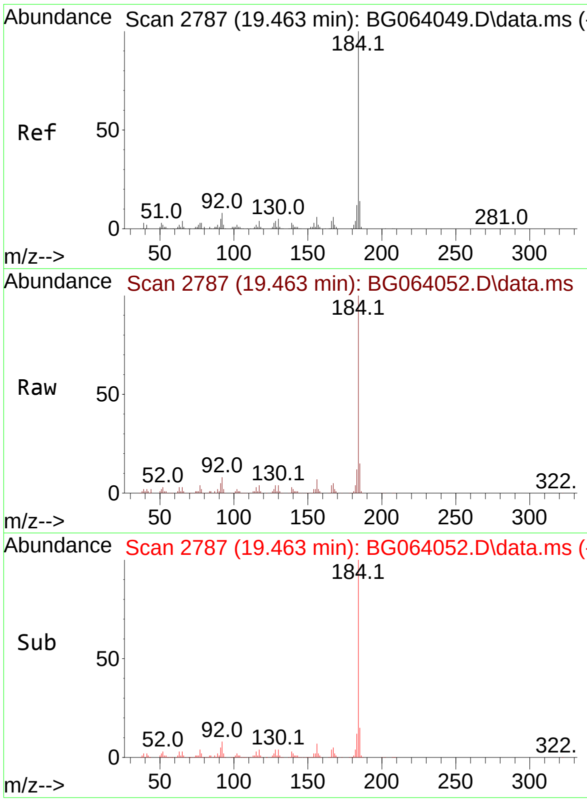
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.467 min Scan# 3128
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:240 Resp: 257789

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.2	10.8
236	26.7	20.2	30.2



ICAL Form



#77
Benzidine
Concen: 77.211 ng
RT: 19.463 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:184 Resp: 27941

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.3	16.9
183	11.6	9.5	14.3

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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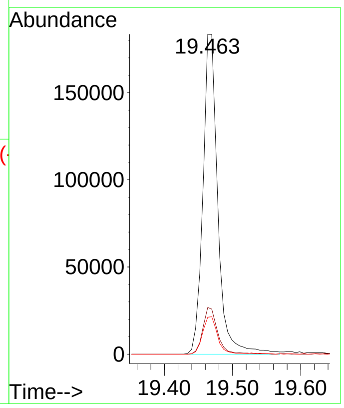
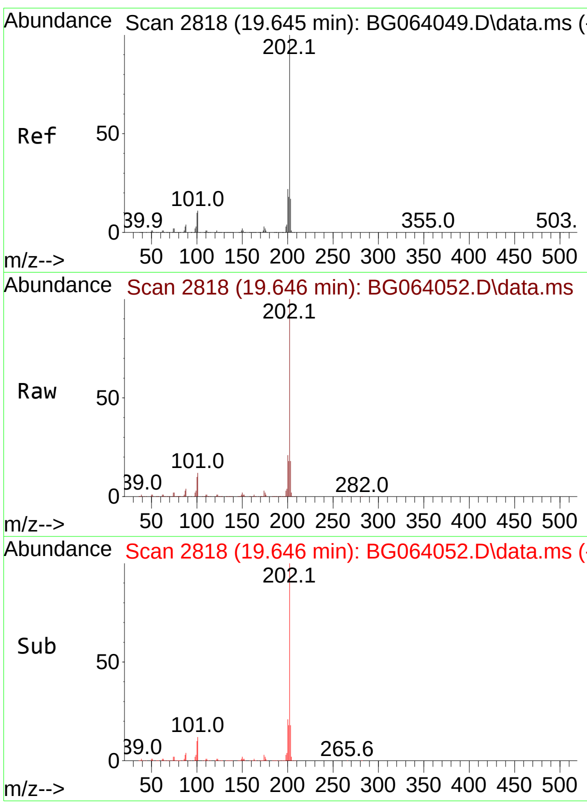
Supervised By :mohammad ahmed 03/07/2025

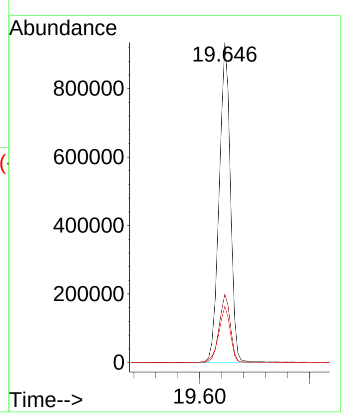




#78
Pyrene
Concen: 79.539 ng
RT: 19.646 min Scan# 2818
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:202 Resp: 1321748

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.3	25.9
203	17.6	13.6	20.4



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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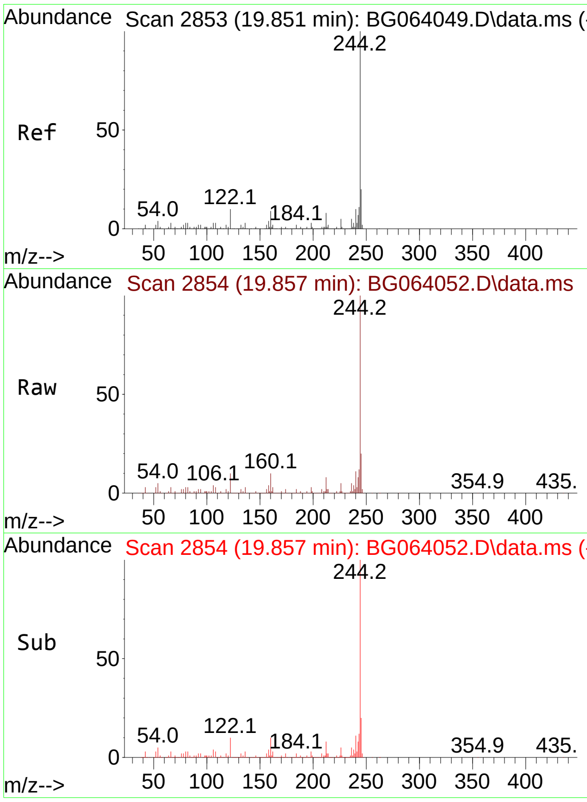
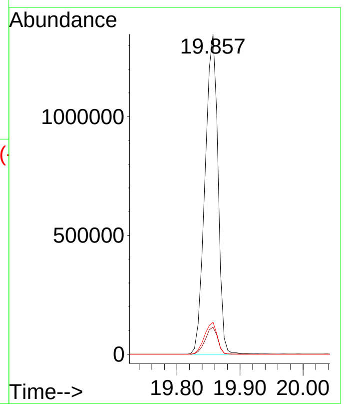
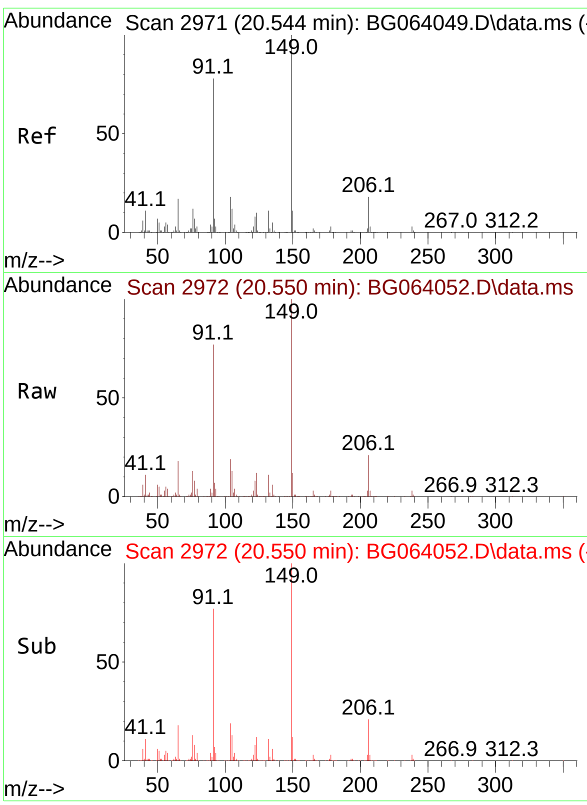


#79
Terphenyl-d14
Concen: 150.030 ng
RT: 19.857 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:244 Resp: 191276

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.4
122	10.0	8.0	12.0

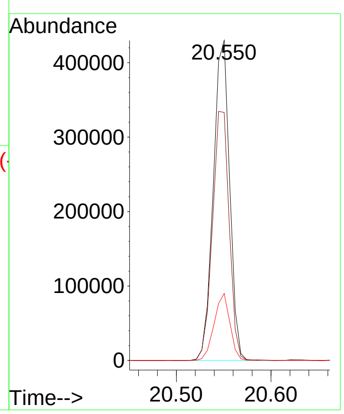




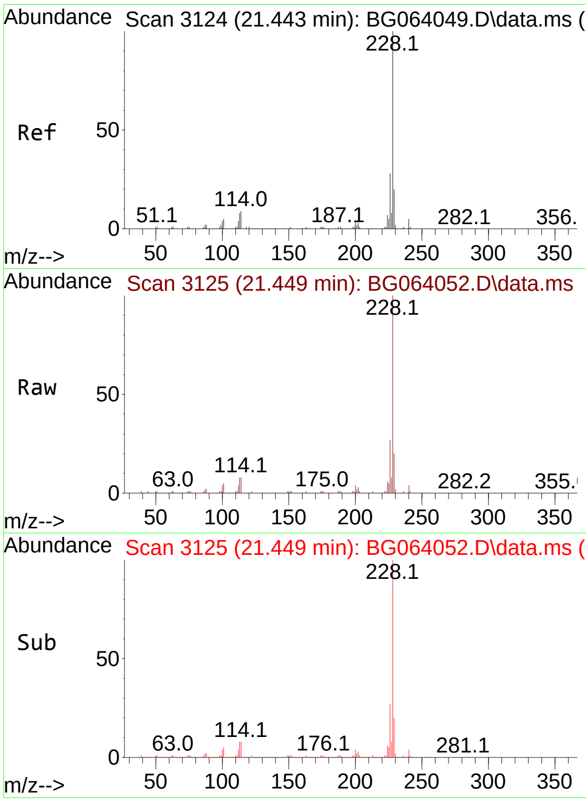
#80
Butylbenzylphthalate
Concen: 80.379 ng
RT: 20.550 min Scan# 2972
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:149 Resp: 517770

Ion	Ratio	Lower	Upper
149	100		
91	77.5	62.0	93.0
206	21.0	14.6	21.8



ICAL Form



#81
Benzo(a)anthracene
Concen: 80.289 ng
RT: 21.449 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:228 Resp: 132582

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	19.5	16.4	24.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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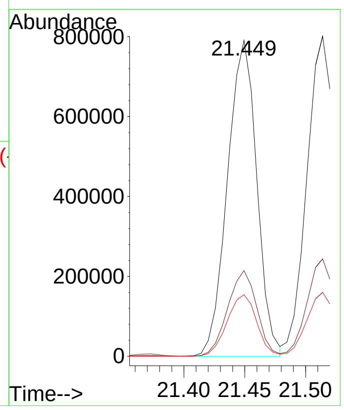
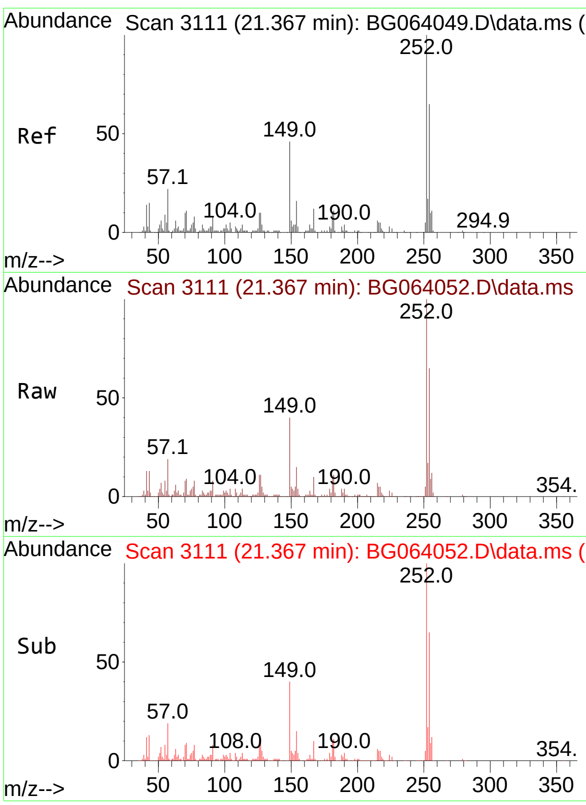
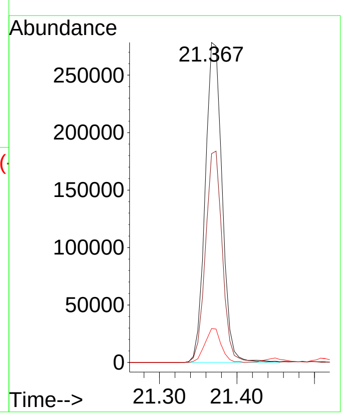


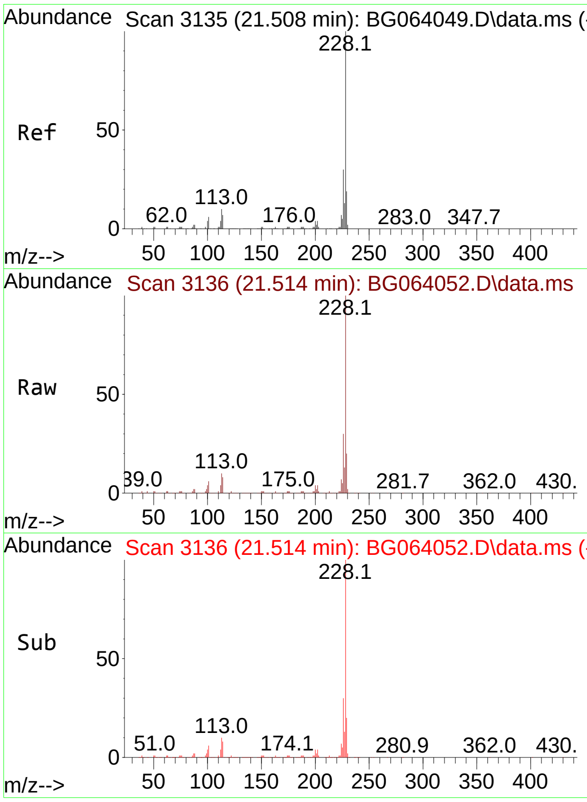


#82
3,3'-Dichlorobenzidine
Concen: 79.269 ng
RT: 21.367 min Scan# 3111
Delta R.T. 0.001 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:252 Resp: 423636

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	10.6	7.8	11.8





#83
Chrysene
Concen: 78.391 ng
RT: 21.514 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 129108

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	19.9	15.3	22.9

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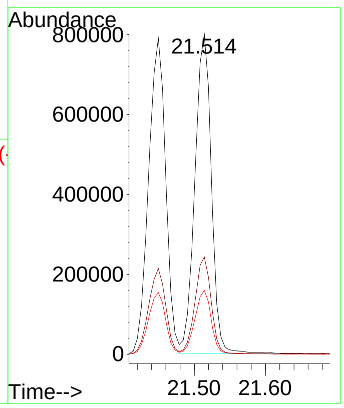
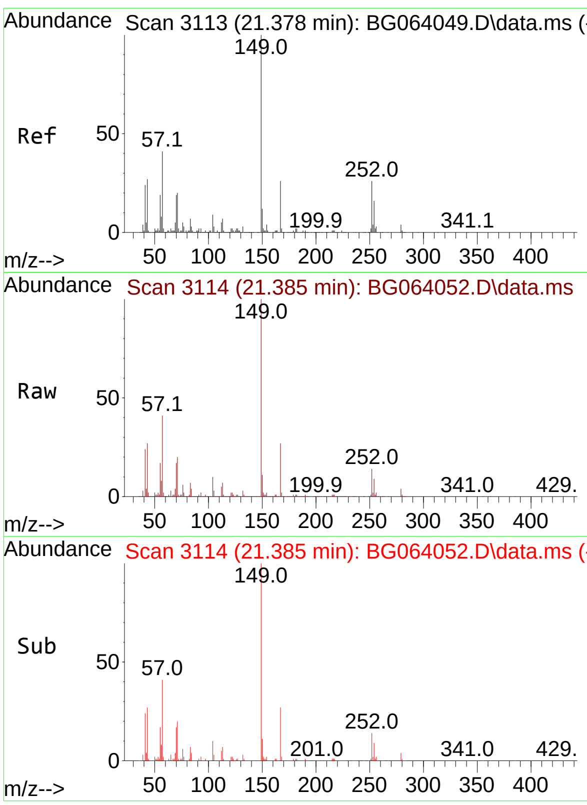
Supervised By :mohammad ahmed 03/07/2025

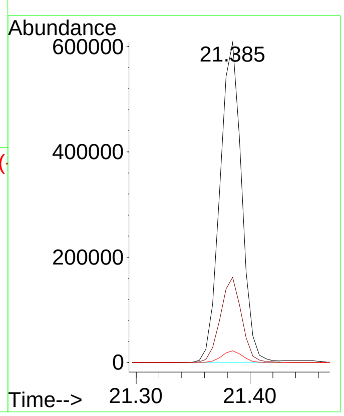




#84
Bis(2-ethylhexyl)phthalate
Concen: 90.273 ng
RT: 21.385 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:149 Resp: 806194

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.6
279	3.6	2.8	4.2



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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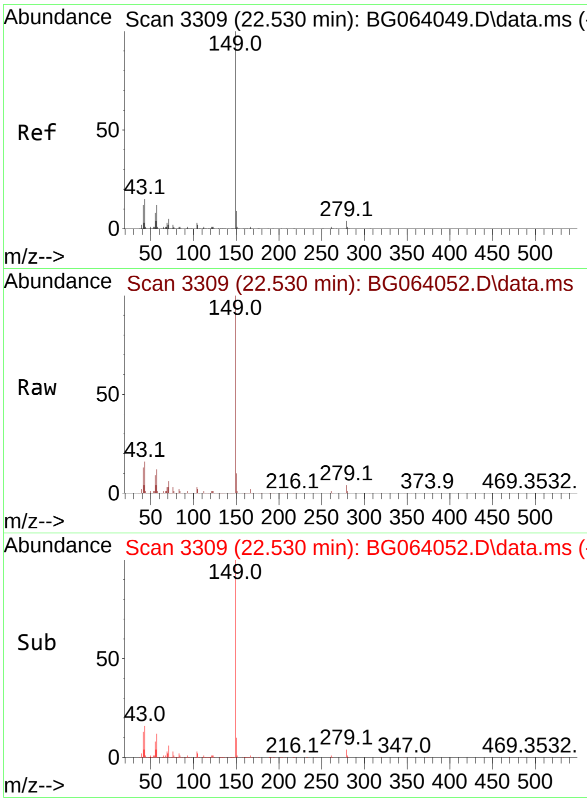
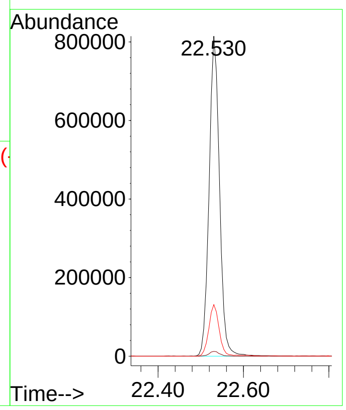
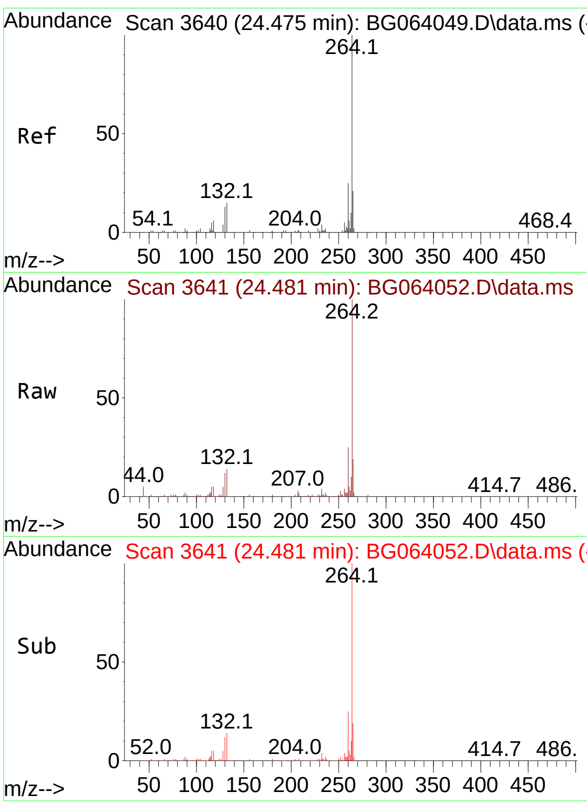


#85
Di-n-octyl phthalate
Concen: 89.556 ng
RT: 22.530 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:149 Resp: 137951

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	16.1	12.6	19.0

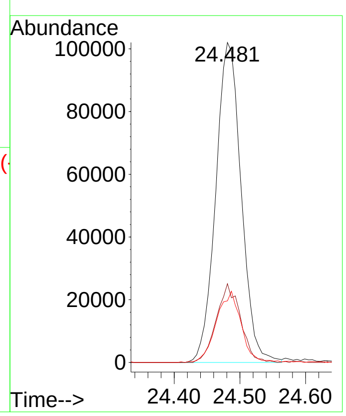




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.481 min Scan# 3641
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:264 Resp: 274554

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	19.2	16.6	25.0



ICAL Form

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

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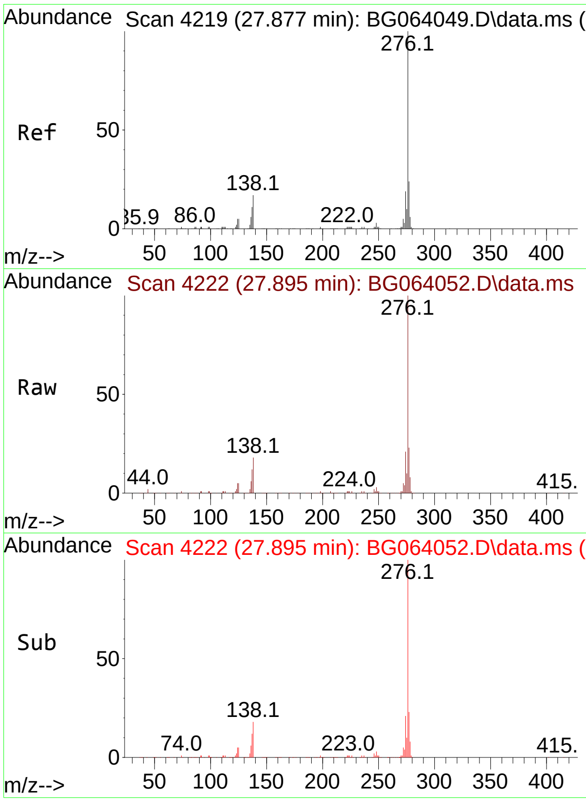
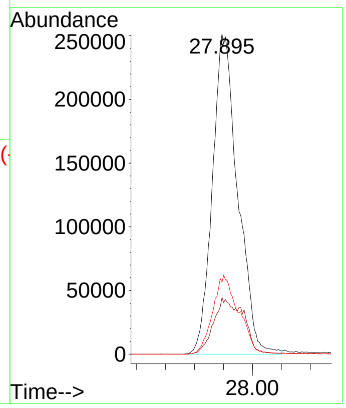
Supervised By :mohammad ahmed 03/07/2025

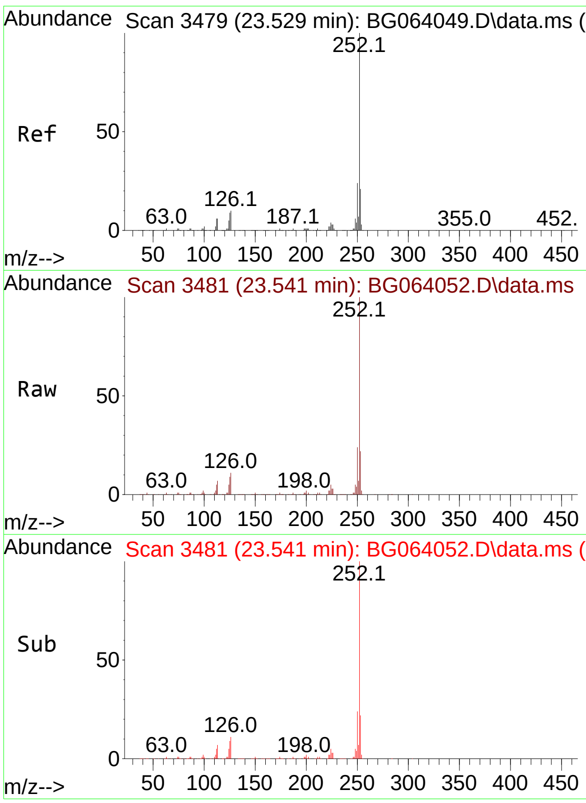


#87
Indeno(1,2,3-cd)pyrene
Concen: 83.318 ng
RT: 27.895 min Scan# 4
Delta R.T. 0.018 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:276 Resp: 153054

Ion	Ratio	Lower	Upper
276	100		
138	14.6	12.1	18.1
277	25.2	20.0	30.0

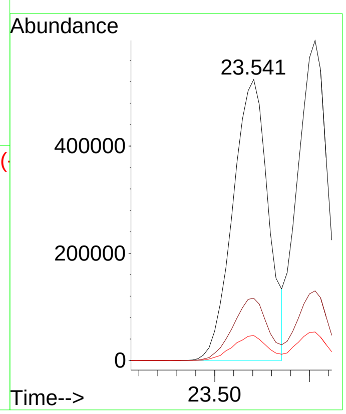


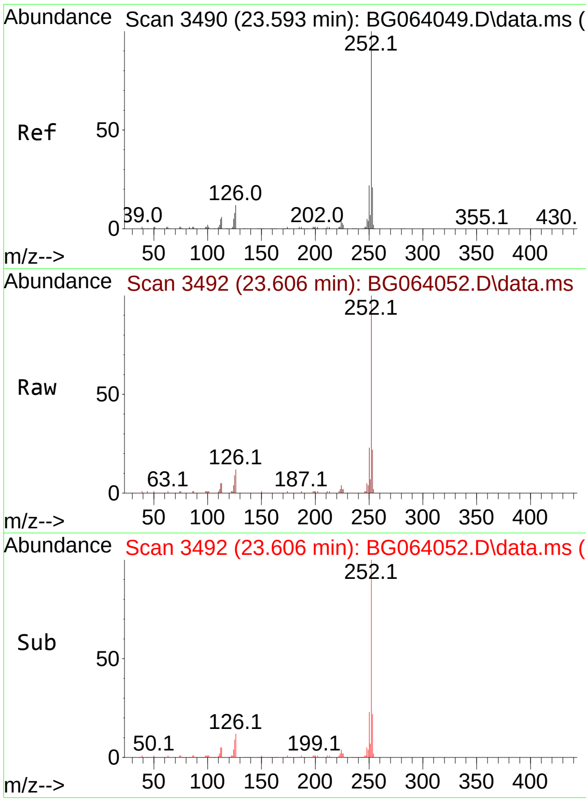


#88
Benzo(b)fluoranthene
Concen: 81.758 ng
RT: 23.541 min Scan# 3481
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:252 Resp: 1356996

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	8.9	7.4	11.2

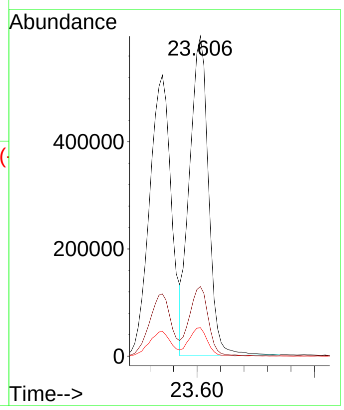




#89
Benzo(k)fluoranthene
Concen: 80.120 ng
RT: 23.606 min Scan# 34
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:252 Resp: 133408

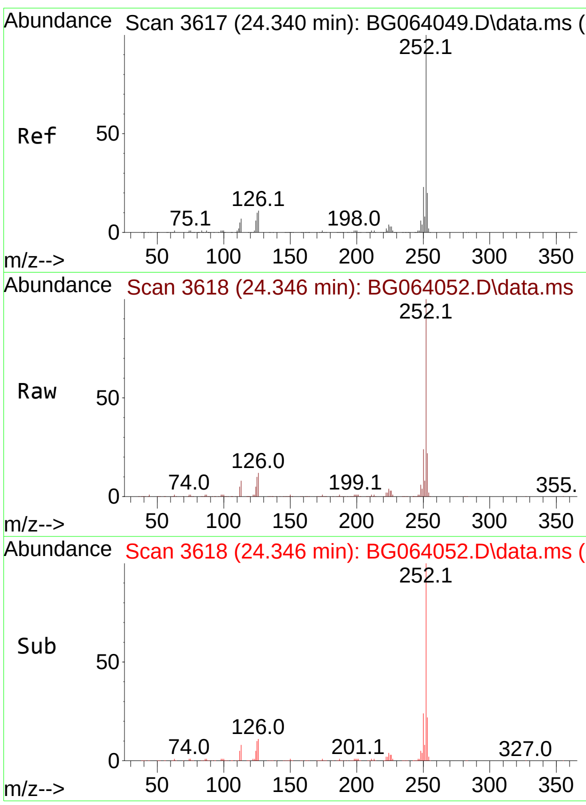
Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.8	25.2
125	8.9	6.9	10.3



Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

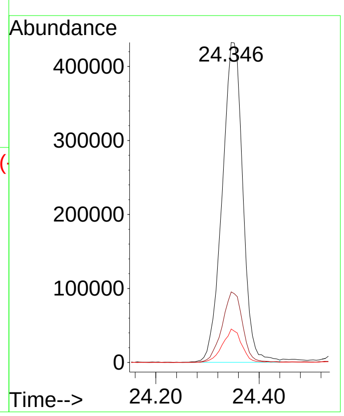
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

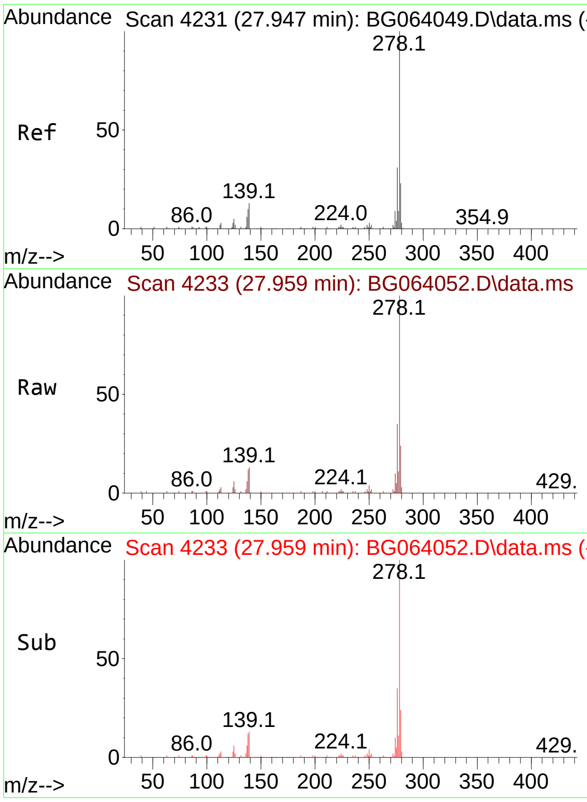


#90
Benzo(a)pyrene
Concen: 81.191 ng
RT: 24.346 min Scan# 3618
Delta R.T. 0.006 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:252 Resp: 1200152

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.2	24.2
125	10.5	7.8	11.6





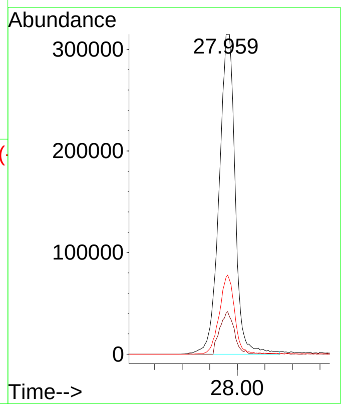
#91
Dibenzo(a,h)anthracene
Concen: 83.647 ng
RT: 27.959 min Scan# 4233
Delta R.T. 0.012 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

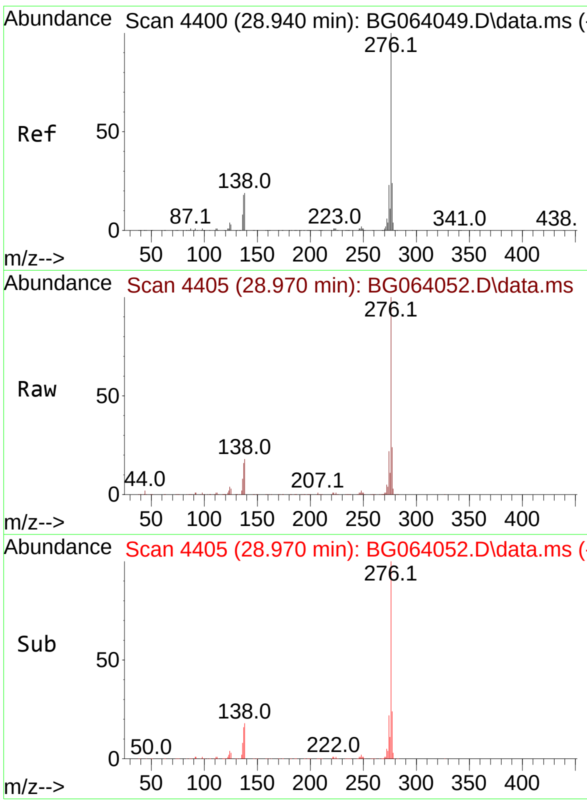
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Tgt Ion:278 Resp: 1273882

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.2	15.2
279	24.1	18.1	27.1

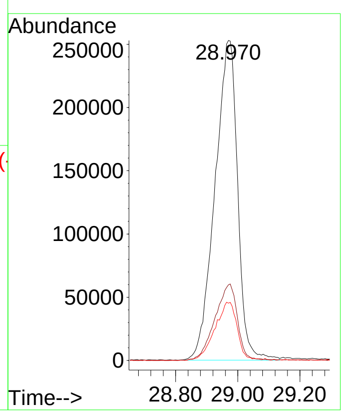




#92
Benzo(g,h,i)perylene
Concen: 82.048 ng
RT: 28.970 min Scan# 4405
Delta R.T. 0.030 min
Lab File: BG064052.D
Acq: 5 Mar 2025 13:44

Tgt Ion:276 Resp: 1282909

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	17.9	15.4	23.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.861	152	35090	20.000 ng	0.00
21) Naphthalene-d8	10.652	136	145084	20.000 ng	# 0.00
39) Acenaphthene-d10	14.489	164	93726	20.000 ng	0.00
64) Phenanthrene-d10	17.227	188	217148	20.000 ng	0.00
76) Chrysene-d12	21.463	240	246166	20.000 ng	0.00
86) Perylene-d12	24.483	264	261789	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.446	112	177138	78.823 ng	0.00
7) Phenol-d6	7.021	99	230804	75.496 ng	0.00
23) Nitrobenzene-d5	9.013	82	221265	84.279 ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	94089	90.311 ng	0.00
45) 2-Fluorobiphenyl	13.114	172	495129	80.186 ng	0.00
79) Terphenyl-d14	19.853	244	940889	77.284 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.378	88	40961	40.218 ng	97
3) Pyridine	3.760	79	98907	39.931 ng	98
4) n-Nitrosodimethylamine	3.678	42	70753	39.980 ng	94
6) Aniline	7.186	93	112627	37.544 ng	97
8) 2-Chlorophenol	7.426	128	92723	38.417 ng	97
9) Benzaldehyde	6.997	77	67720m	38.087 ng	
10) Phenol	7.050	94	121465	38.806 ng	98
11) bis(2-Chloroethyl)ether	7.285	93	90358	36.822 ng	97
12) 1,3-Dichlorobenzene	7.750	146	97739	36.876 ng	98
13) 1,4-Dichlorobenzene	7.896	146	99638	36.676 ng	98
14) 1,2-Dichlorobenzene	8.214	146	96129	36.695 ng	97
15) Benzyl Alcohol	8.096	79	89828	38.023 ng	95
16) 2,2'-oxybis(1-Chloropr...	8.390	45	201622	36.540 ng	99
17) 2-Methylphenol	8.296	107	78276	37.680 ng	97
18) Hexachloroethane	8.942	117	37454	39.404 ng	97
19) n-Nitroso-di-n-propyla...	8.666	70	76484	35.648 ng	98
20) 3+4-Methylphenols	8.619	107	106291	37.166 ng	95
22) Acetophenone	8.678	105	156271	39.285 ng	# 99
24) Nitrobenzene	9.054	77	114521	42.208 ng	98
25) Isophorone	9.577	82	198754	37.823 ng	97
26) 2-Nitrophenol	9.765	139	36978	40.946 ng	92
27) 2,4-Dimethylphenol	9.824	122	63231	40.139 ng	97
28) bis(2-Chloroethoxy)met...	10.064	93	123038	38.620 ng	99
29) 2,4-Dichlorophenol	10.294	162	81863	41.154 ng	93
30) 1,2,4-Trichlorobenzene	10.517	180	93175	38.802 ng	93
31) Naphthalene	10.699	128	308258	39.402 ng	98
32) Benzoic acid	9.953	122	51607m	37.906 ng	
33) 4-Chloroaniline	10.805	127	114228	39.949 ng	98
34) Hexachlorobutadiene	10.993	225	62517	39.720 ng	99
35) Caprolactam	11.563	113	32080	42.084 ng	# 85
36) 4-Chloro-3-methylphenol	11.927	107	103382	39.649 ng	96
37) 2-Methylnaphthalene	12.309	142	212431	38.463 ng	97
38) 1-Methylnaphthalene	12.532	142	209530	38.724 ng	94
40) 1,2,4,5-Tetrachloroben...	12.679	216	106041	39.630 ng	95
41) Hexachlorocyclopentadiene	12.667	237	33041	43.873 ng	98
43) 2,4,6-Trichlorophenol	12.914	196	66496	42.165 ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On   : 5 Mar 2025 15:10
Operator : RC/JU
Sample   : SSTDICV040
Misc   :
ALS Vial : 10   Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay   03/06/2025
Supervised By :mohammad ahmed   03/07/2025

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	74580	42.561	ng		95
46) 1,1'-Biphenyl	13.325	154	284632	40.196	ng		98
47) 2-Chloronaphthalene	13.361	162	208172	40.309	ng		97
48) 2-Nitroaniline	13.560	65	68823	41.405	ng		98
49) Acenaphthylene	14.207	152	331135	40.537	ng		100
50) Dimethylphthalate	13.948	163	274751	39.712	ng		99
51) 2,6-Dinitrotoluene	14.060	165	56243	40.625	ng		99
52) Acenaphthene	14.553	154	221628m	40.428	ng		
53) 3-Nitroaniline	14.389	138	60229	45.042	ng		97
54) 2,4-Dinitrophenol	14.589	184	21627	41.197	ng		86
55) Dibenzofuran	14.888	168	355364	40.014	ng		99
56) 4-Nitrophenol	14.688	139	53310	47.537	ng		96
57) 2,4-Dinitrotoluene	14.847	165	80269	41.944	ng	#	97
58) Fluorene	15.535	166	279465	40.403	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.111	232	73574	43.068	ng		96
60) Diethylphthalate	15.317	149	309434	41.198	ng		99
61) 4-Chlorophenyl-phenyle...	15.535	204	135318	39.367	ng		95
62) 4-Nitroaniline	15.546	138	65797	45.576	ng		91
63) Azobenzene	15.822	77	321688	40.137	ng		99
65) 4,6-Dinitro-2-methylph...	15.611	198	35775	39.817	ng		95
66) n-Nitrosodiphenylamine	15.746	169	241241	39.248	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	88452	39.772	ng		97
68) Hexachlorobenzene	16.539	284	96136	38.611	ng		97
69) Atrazine	16.692	200	69821	38.607	ng		95
70) Pentachlorophenol	16.880	266	66504	43.019	ng		97
71) Phenanthrene	17.274	178	463029	39.978	ng		97
72) Anthracene	17.362	178	463897	40.280	ng		99
73) Carbazole	17.626	167	449805	41.831	ng		99
74) Di-n-butylphthalate	18.208	149	565797	44.702	ng		99
75) Fluoranthene	19.283	202	588493	42.146	ng		97
77) Benzidine	19.465	184	127428	37.383	ng		98
78) Pyrene	19.641	202	608668	38.357	ng		99
80) Butylbenzylphthalate	20.546	149	238653	40.680	ng		96
81) Benzo(a)anthracene	21.445	228	624403	39.598	ng		98
82) 3,3'-Dichlorobenzidine	21.369	252	209761	41.103	ng		99
83) Chrysene	21.504	228	611410	38.876	ng		99
84) Bis(2-ethylhexyl)phtha...	21.381	149	379928	44.551	ng		99
85) Di-n-octyl phthalate	22.532	149	627920	42.688	ng		100
87) Indeno(1,2,3-cd)pyrene	27.885	276	699194	39.918	ng		100
88) Benzo(b)fluoranthene	23.531	252	615644	38.901	ng		99
89) Benzo(k)fluoranthene	23.596	252	620446	39.079	ng		98
90) Benzo(a)pyrene	24.342	252	546383	38.765	ng		99
91) Dibenzo(a,h)anthracene	27.949	278	583198	40.162	ng		98
92) Benzo(g,h,i)perylene	28.936	276	592494	39.740	ng		98

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

Quantitation Report (QT Reviewed)

ICAL Form

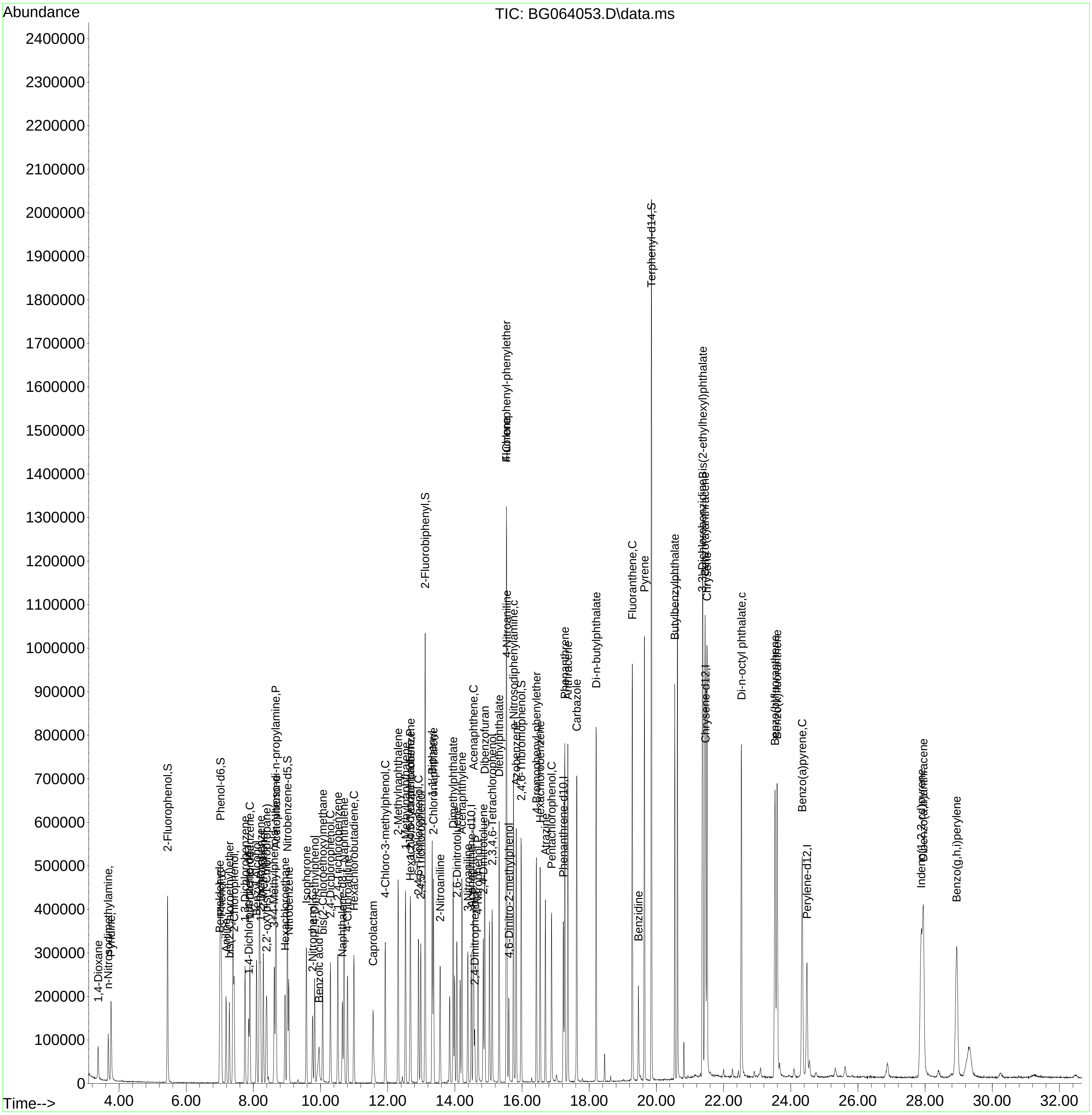
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

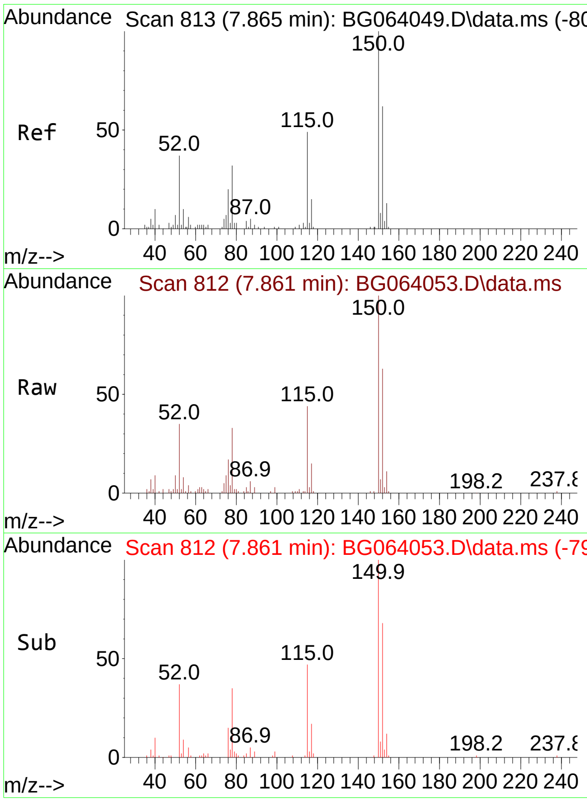
Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



ICAL Form



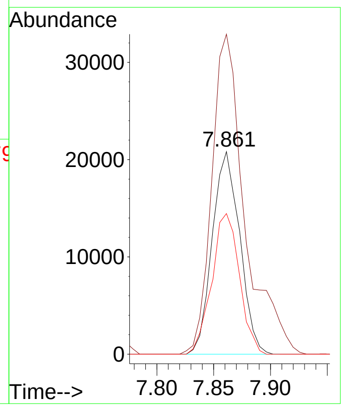
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

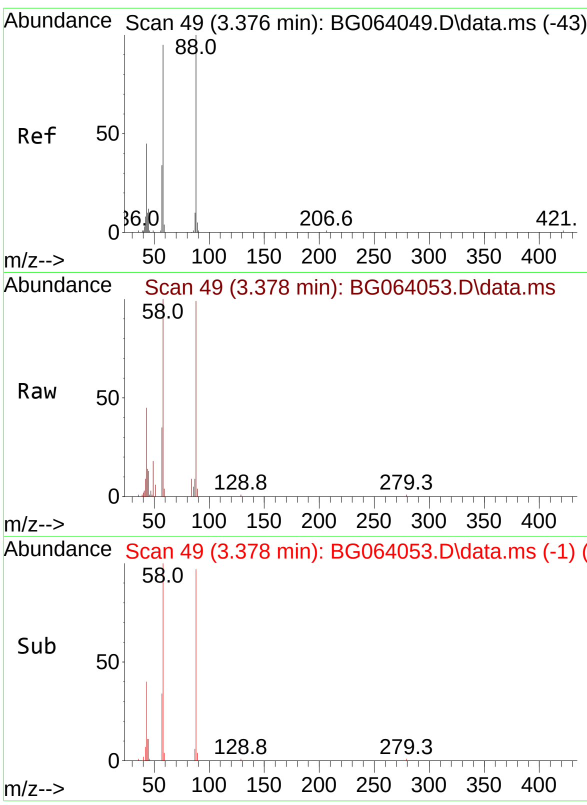
Tgt Ion:152 Resp: 3509

Ion	Ratio	Lower	Upper
152	100		
150	158.0	129.2	193.8
115	69.5	63.0	94.6

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

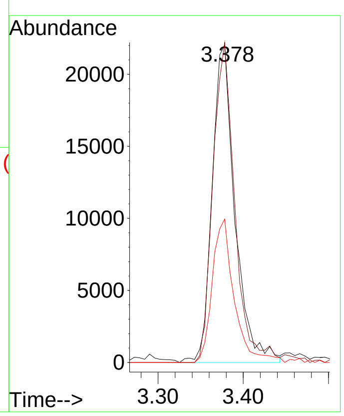




#2
1,4-Dioxane
Concen: 40.218 ng
RT: 3.378 min Scan# 49
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 88 Resp: 40961

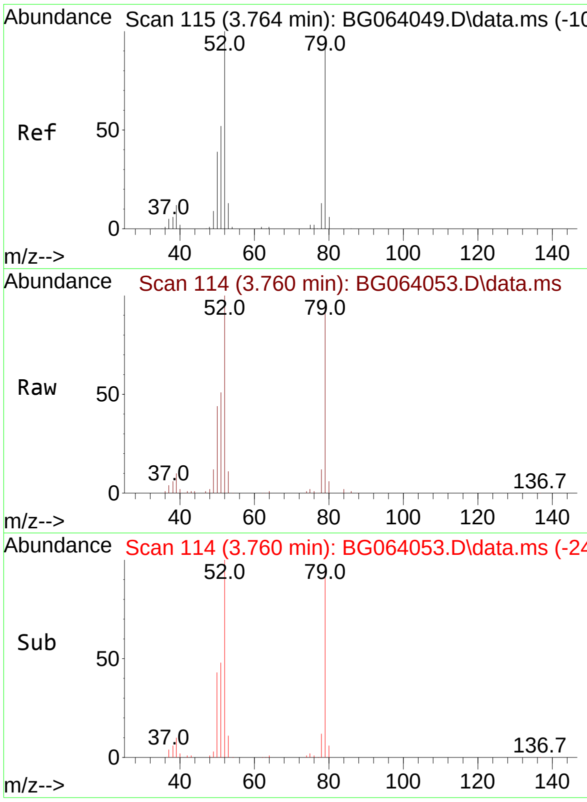
Ion	Ratio	Lower	Upper
88	100		
58	96.9	74.6	111.8
43	43.3	35.5	53.3



Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations
APPROVED

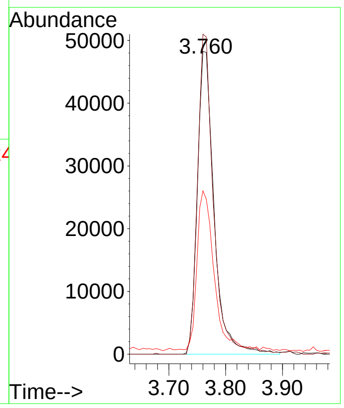
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

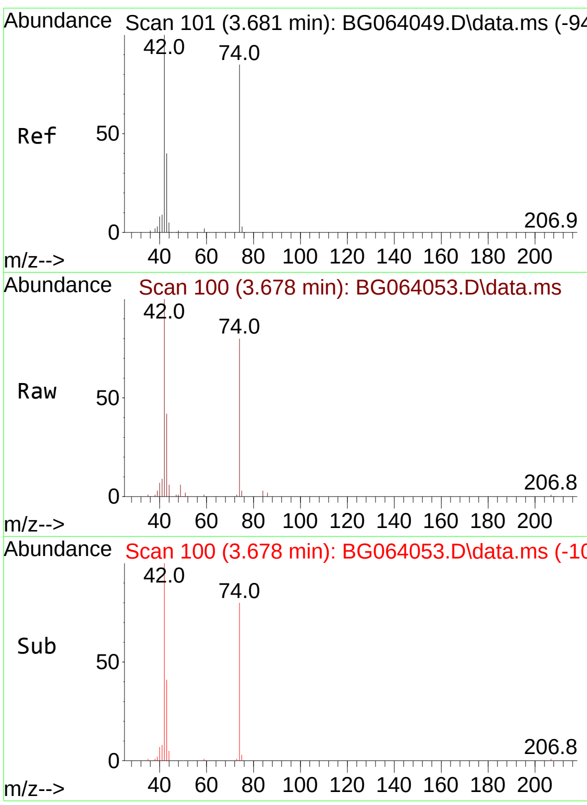


#3
Pyridine
Concen: 39.931 ng
RT: 3.760 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 79 Resp: 9890

Ion	Ratio	Lower	Upper
79	100		
52	105.6	83.0	124.6
51	54.0	44.3	66.5

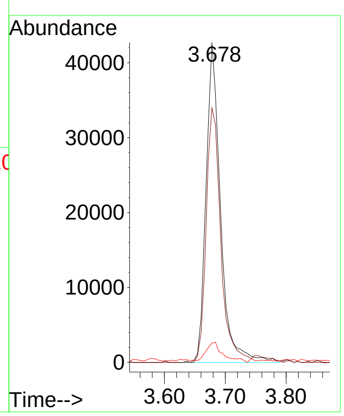


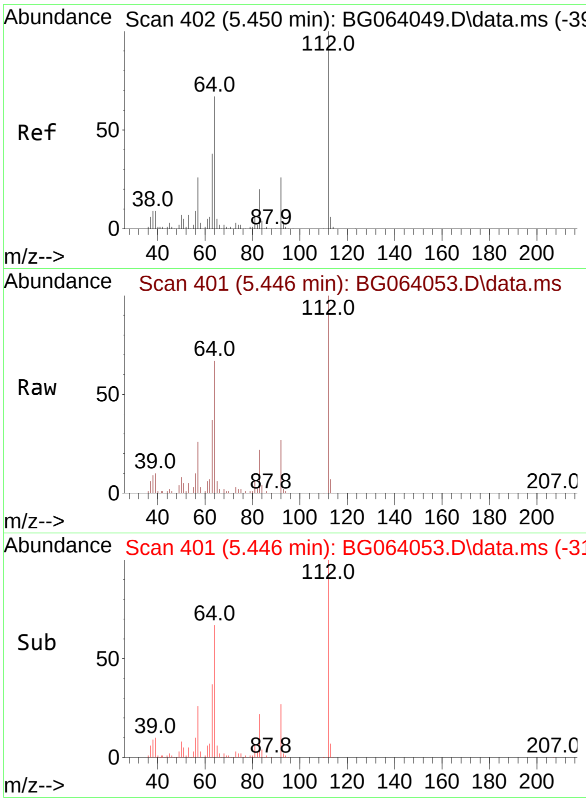


#4
n-Nitrosodimethylamine
Concen: 39.980 ng
RT: 3.678 min Scan# 100
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 42 Resp: 70753

Ion	Ratio	Lower	Upper
42	100		
74	79.5	68.0	102.0
44	6.0	4.9	7.3





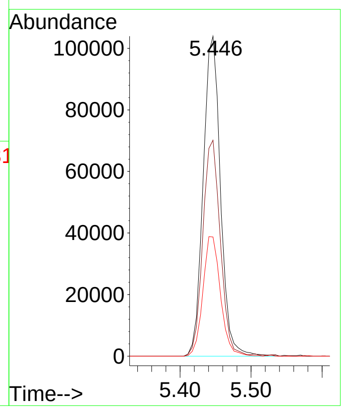
#5
2-Fluorophenol
Concen: 78.823 ng
RT: 5.446 min Scan# 4(
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

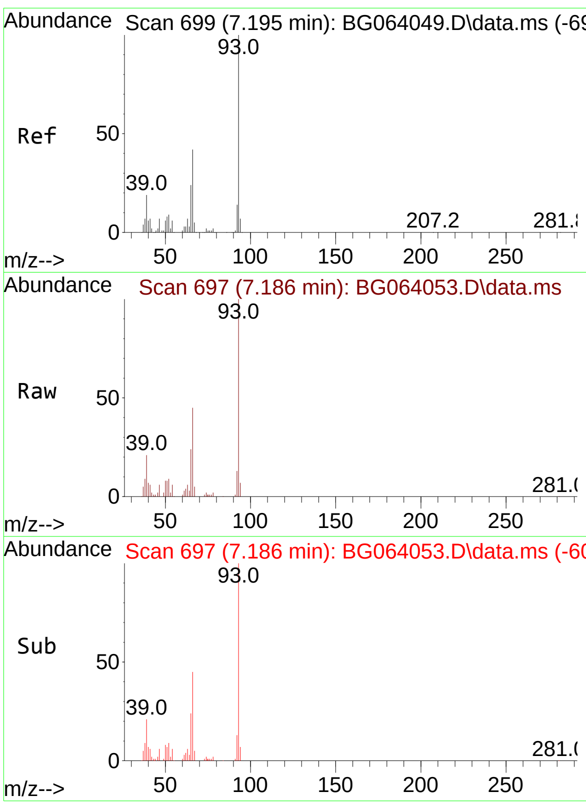
Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion:112 Resp: 17713

Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.7	80.5
63	37.2	30.2	45.4

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

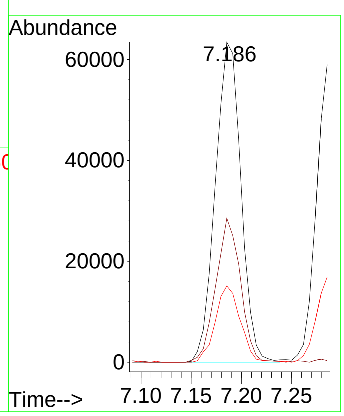




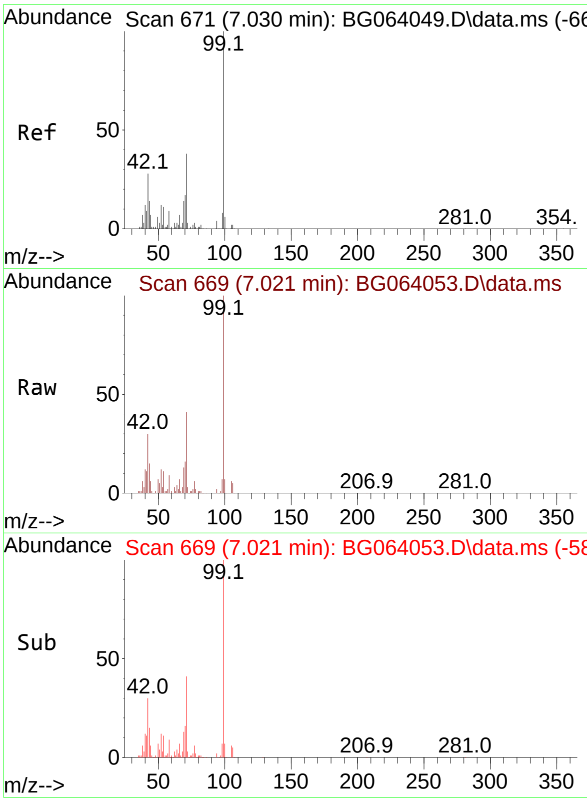
#6
Aniline
Concen: 37.544 ng
RT: 7.186 min Scan# 697
Delta R.T. -0.009 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 93 Resp: 112627

Ion	Ratio	Lower	Upper
93	100		
66	45.0	33.7	50.5
65	23.8	19.1	28.7



ICAL Form



#7
Phenol-d6
Concen: 75.496 ng
RT: 7.021 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

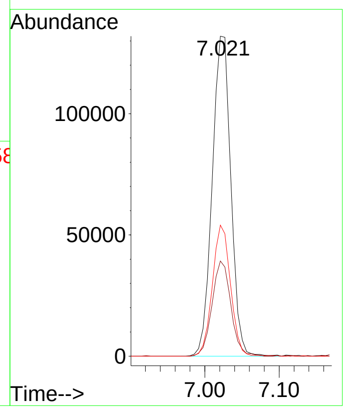
Instrument :
BNA_G
ClientSampleId :
ICVBG030525

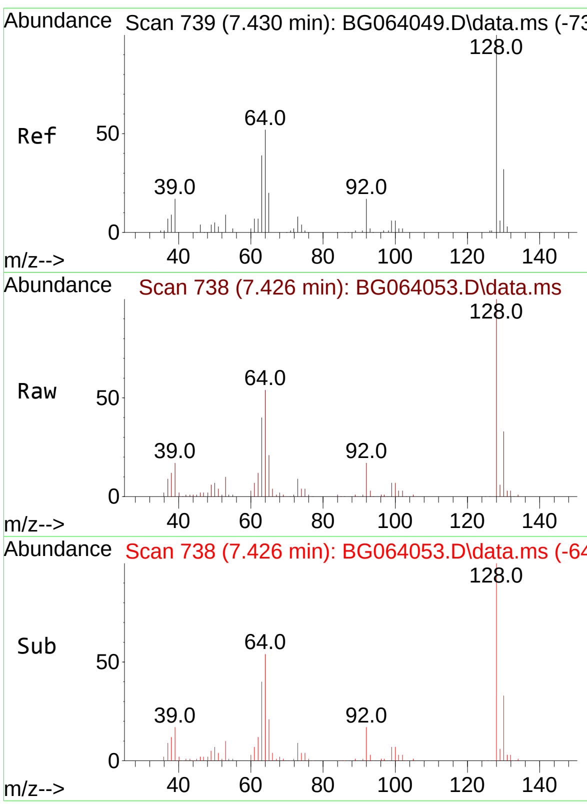
Tgt Ion: 99 Resp: 23080

Ion	Ratio	Lower	Upper
99	100		
42	29.8	22.7	34.1
71	41.0	30.6	46.0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

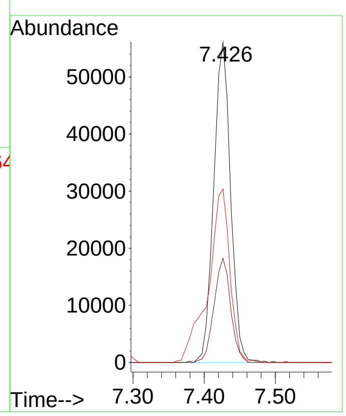




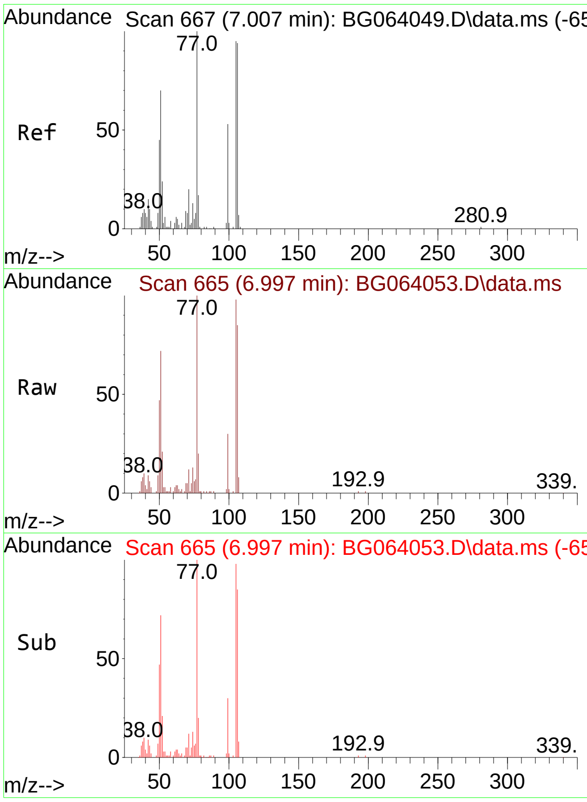
#8
2-Chlorophenol
Concen: 38.417 ng
RT: 7.426 min Scan# 738
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:128 Resp: 92723

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	54.2	37.0	77.0



ICAL Form



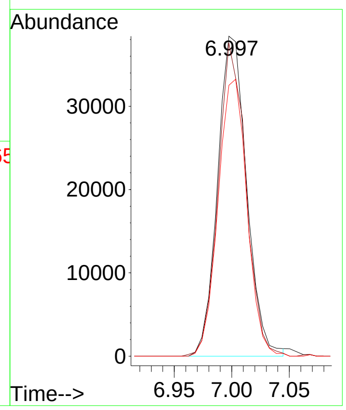
#9
Benzaldehyde
Concen: 38.087 ng m
RT: 6.997 min Scan# 6
Delta R.T. -0.010 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

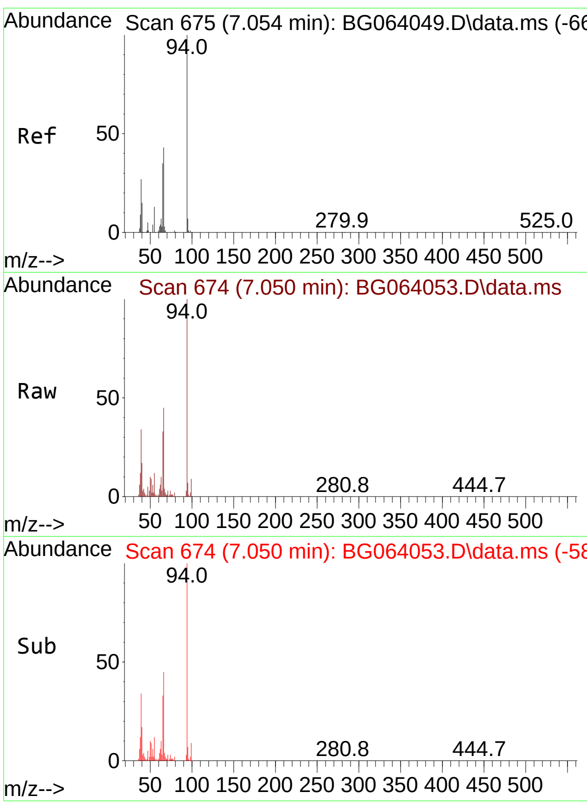
Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion: 77 Resp: 6772

Ion	Ratio	Lower	Upper
77	100		
105	97.8	75.5	115.5
106	84.6	74.2	114.2

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

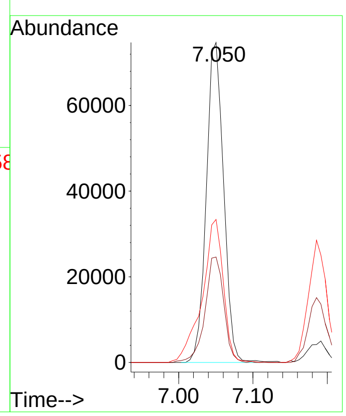




#10
Phenol
Concen: 38.806 ng
RT: 7.050 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 94 Resp: 121465

Ion	Ratio	Lower	Upper
94	100		
65	33.0	15.2	55.2
66	44.7	25.1	65.1



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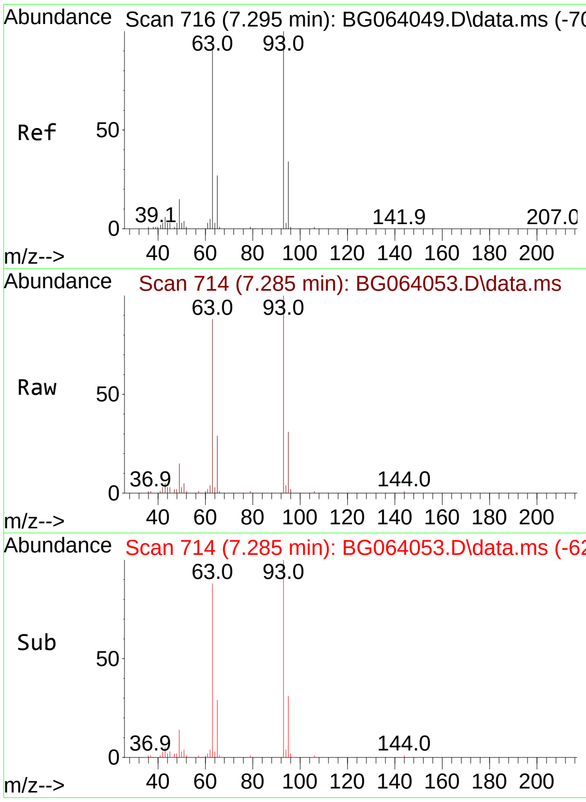

#11
bis(2-Chloroethyl)ether
Concen: 36.822 ng
RT: 7.285 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 93 Resp: 90358

Ion	Ratio	Lower	Upper
93	100		
63	88.3	70.0	110.0
95	30.7	13.7	53.7

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

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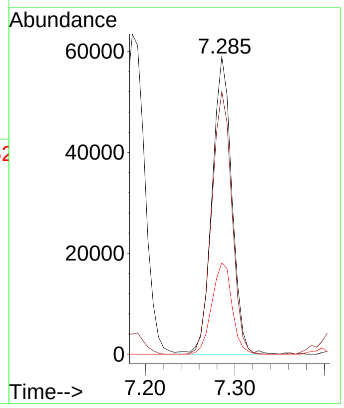
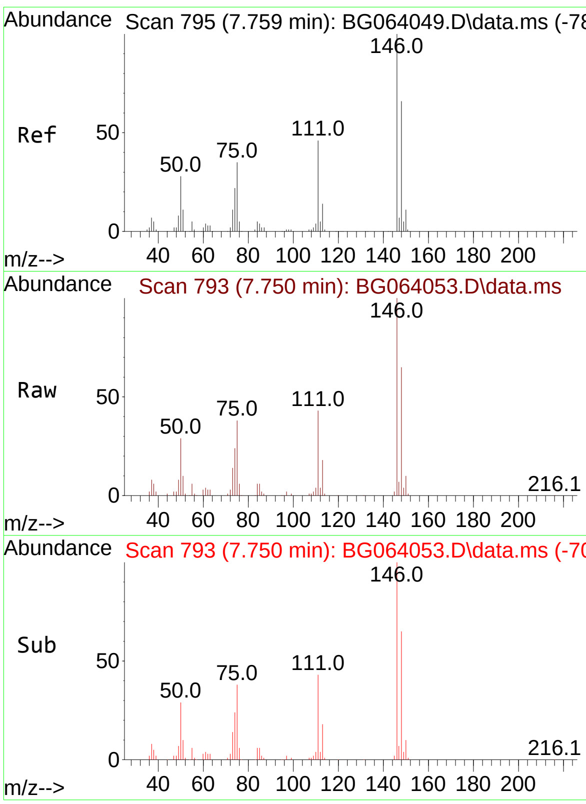
Supervised By :mohammad ahmed 03/07/2025

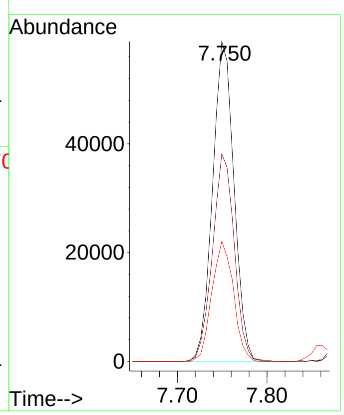




#12
1,3-Dichlorobenzene
Concen: 36.876 ng
RT: 7.750 min Scan# 793
Delta R.T. -0.009 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:146 Resp: 97739

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.6	78.8
75	37.6	28.1	42.1



Instrument :
BNA_G
ClientSampleId :
ICVBG030525

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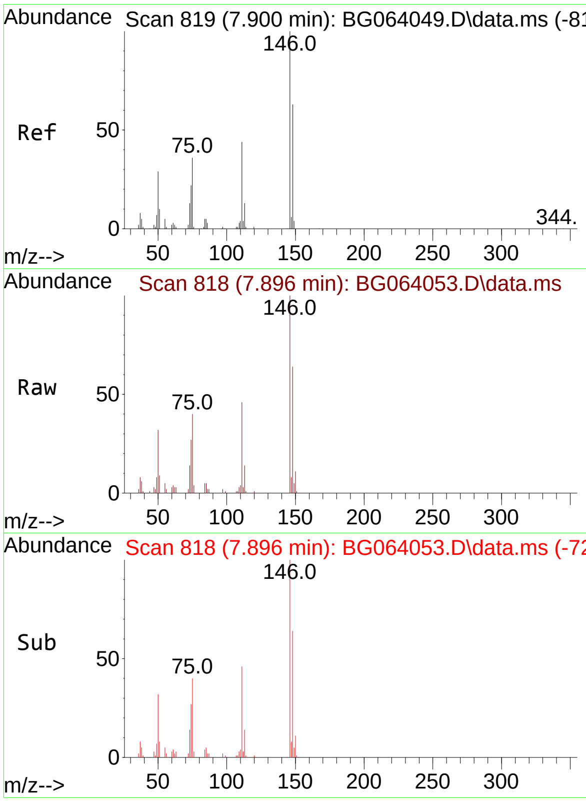
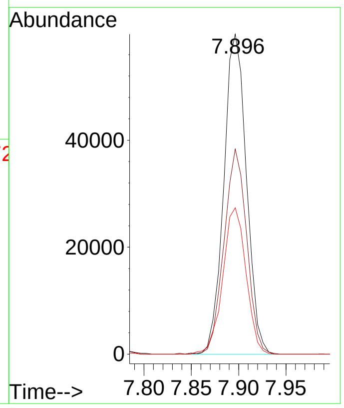
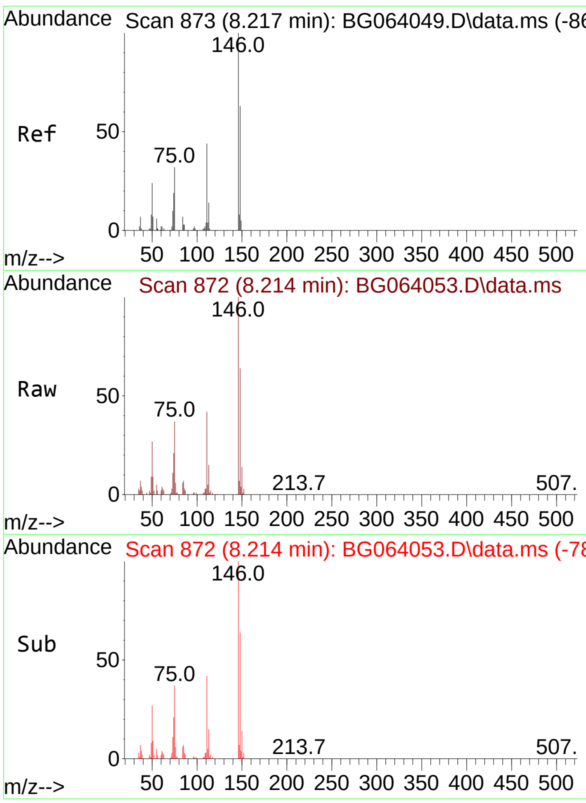
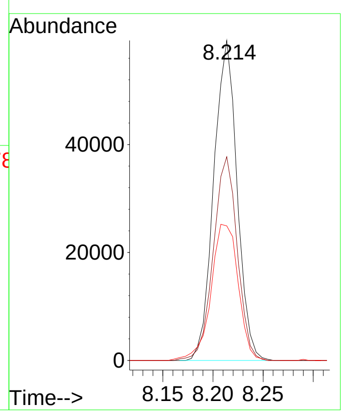


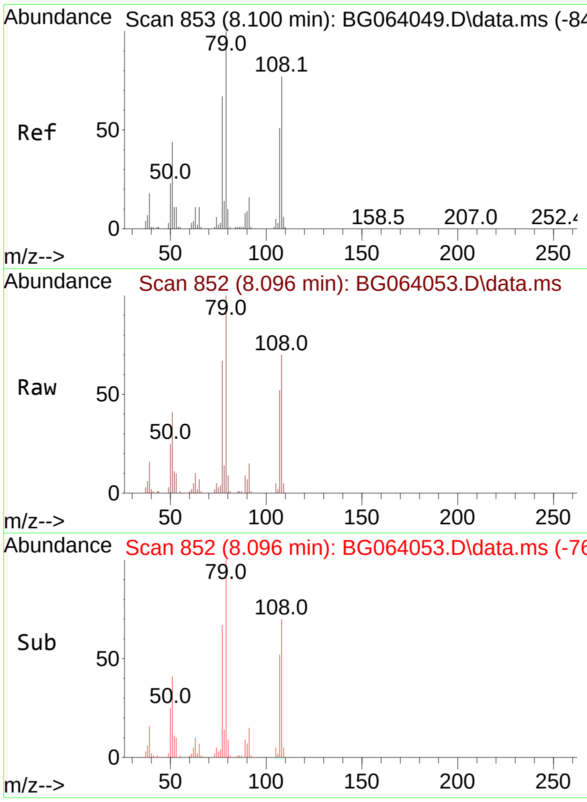

```
#13
1,4-Dichlorobenzene
Concen:   36.676 ng
RT:   7.896 min   Scan# 8
Delta R.T.   -0.004 min
Lab File:    BG064053.D
Acq:  5 Mar 2025   15:10

Tgt Ion:146 Resp:    9963
Ion   Ratio   Lower   Upper
146   100
148    64.1    50.6    75.8
111    45.8    35.1    52.7
```






```
#14
1,2-Dichlorobenzene
Concen:   36.695 ng
RT:   8.214 min   Scan# 872
Delta R.T.   -0.004 min
Lab File:    BG064053.D
Acq:  5 Mar 2025   15:10

Tgt Ion:146 Resp:    96129
Ion   Ratio   Lower   Upper
146   100
148    63.6    50.2    75.2
111    42.1    36.4    54.6
```





#15
Benzyl Alcohol
Concen: 38.023 ng
RT: 8.096 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 79 Resp: 8982

Ion	Ratio	Lower	Upper
79	100		
108	69.7	61.7	92.5
77	67.2	53.9	80.9

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

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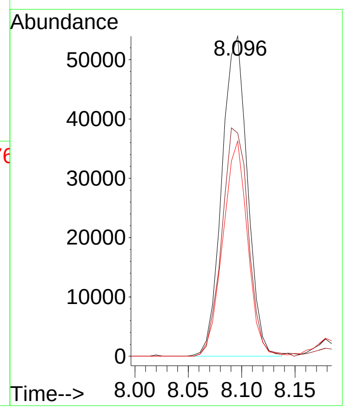
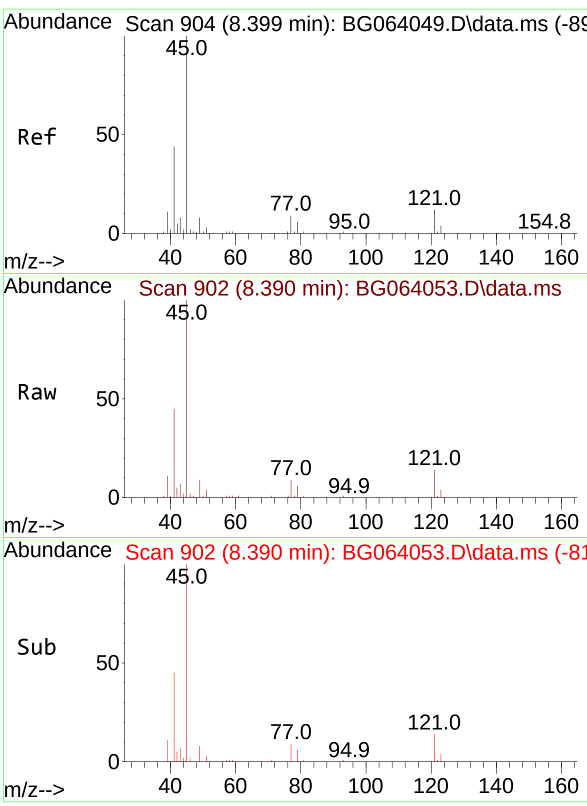
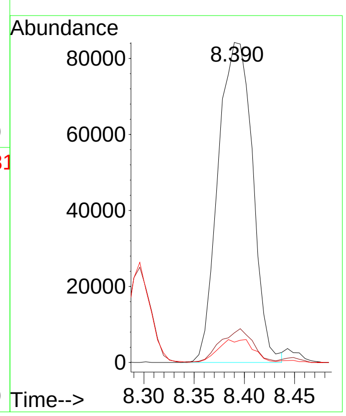




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.540 ng
RT: 8.390 min Scan# 902
Delta R.T. -0.009 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 45 Resp: 201622

Ion	Ratio	Lower	Upper
45	100		
77	9.3	0.0	29.0
79	6.4	0.0	26.6



Instrument :
BNA_G
ClientSampleId :
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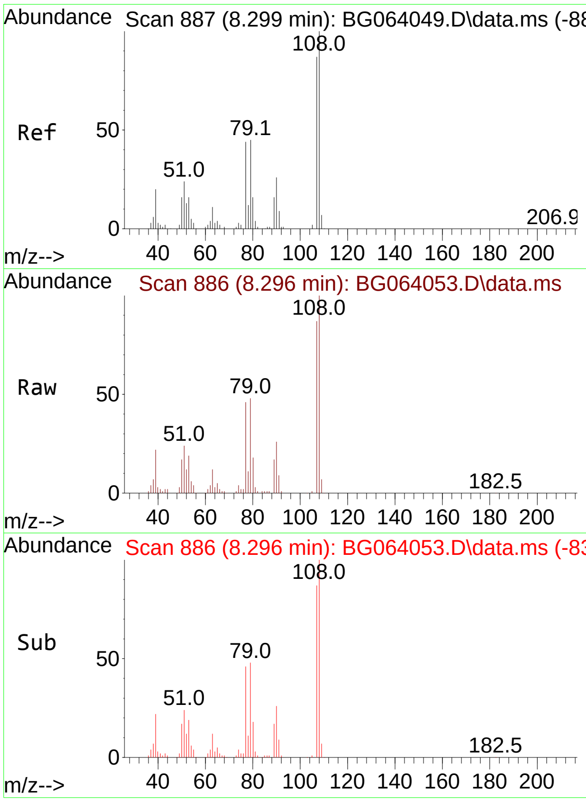
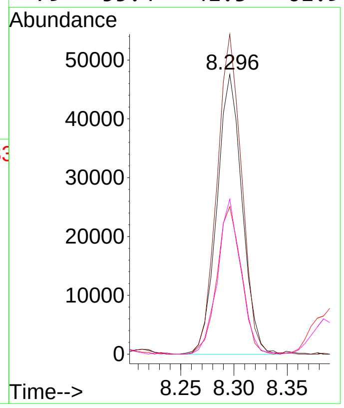
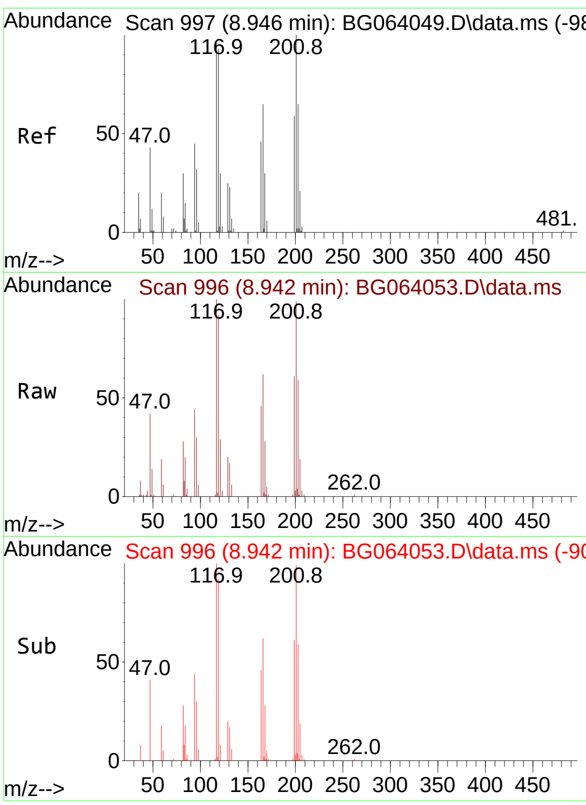


#17
2-Methylphenol
Concen: 37.680 ng
RT: 8.296 min Scan# 88
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:107 Resp: 7827

Ion	Ratio	Lower	Upper
107	100		
108	114.3	92.5	138.7
77	52.7	40.5	60.7
79	55.4	41.3	61.9

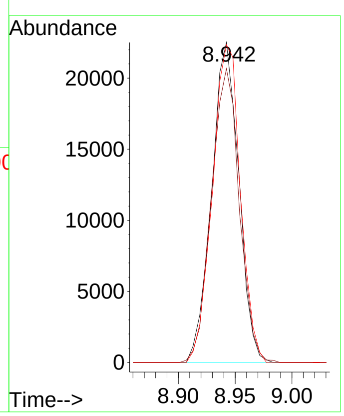




#18
Hexachloroethane
Concen: 39.404 ng
RT: 8.942 min Scan# 996
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:117 Resp: 37454

Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.2	114.2
201	99.3	81.5	122.3



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Instrument :
BNA_G
ClientSampleId :
ICVBG030525

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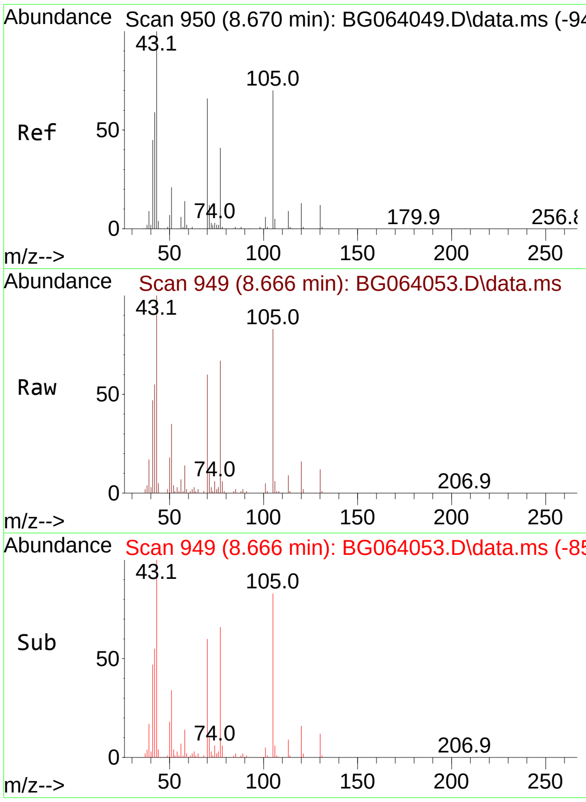
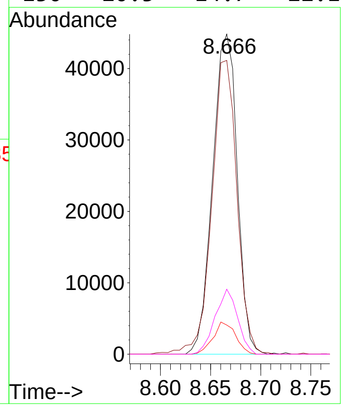
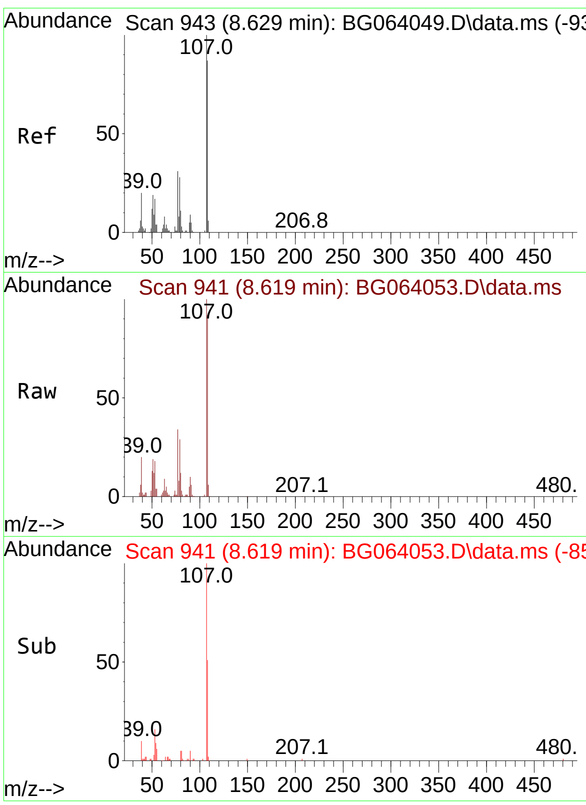


#19
n-Nitroso-di-n-propylamine
Concen: 35.648 ng
RT: 8.666 min Scan# 94
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 70 Resp: 7648

Ion	Ratio	Lower	Upper
70	100		
42	91.8	72.1	108.1
101	9.1	7.2	10.8
130	20.3	14.7	22.1

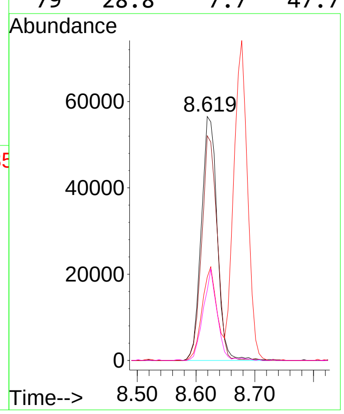


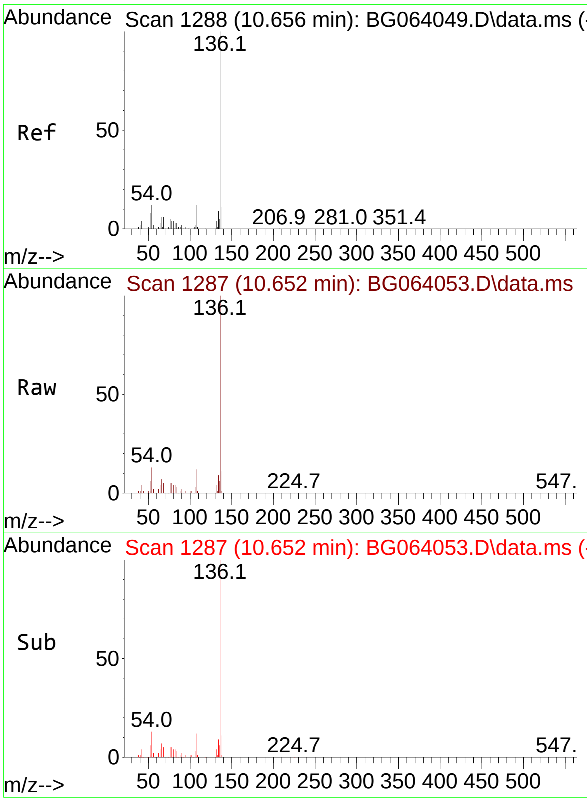


#20
3+4-Methylphenols
Concen: 37.166 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.009 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:107 Resp: 106291

Ion	Ratio	Lower	Upper
107	100		
108	92.1	67.0	107.0
77	34.2	11.2	51.2
79	28.8	7.7	47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion:136 Resp: 14508

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	13.0	9.9	14.9
68	4.5	4.6	6.8#

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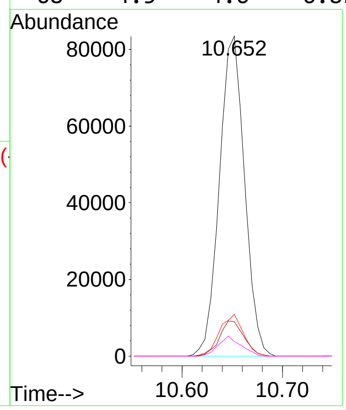
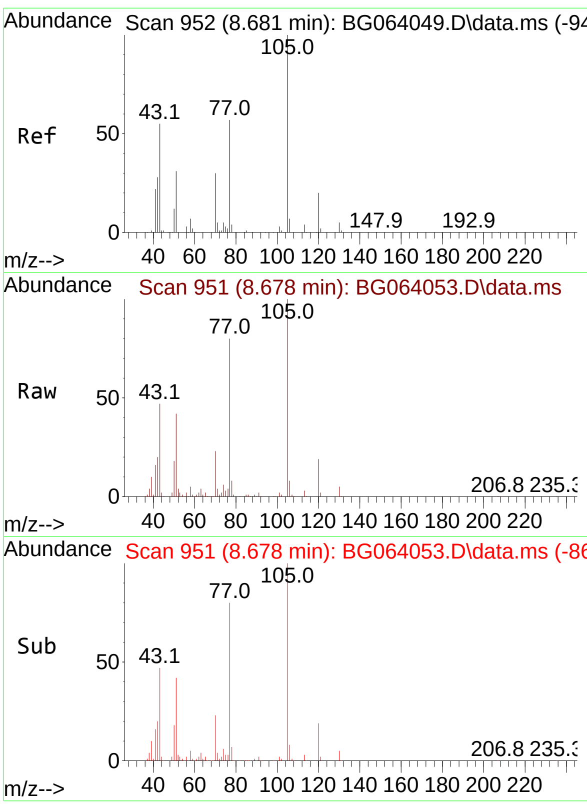
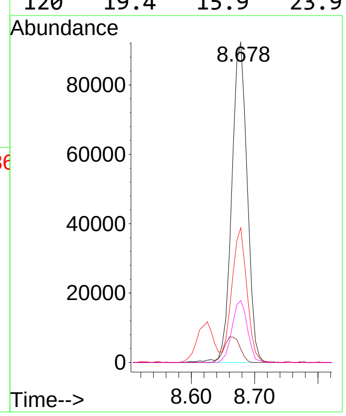




#22
Acetophenone
Concen: 39.285 ng
RT: 8.678 min Scan# 951
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:105 Resp: 156271

Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.2	6.4#
51	42.1	33.3	49.9
120	19.4	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
ICVBG030525

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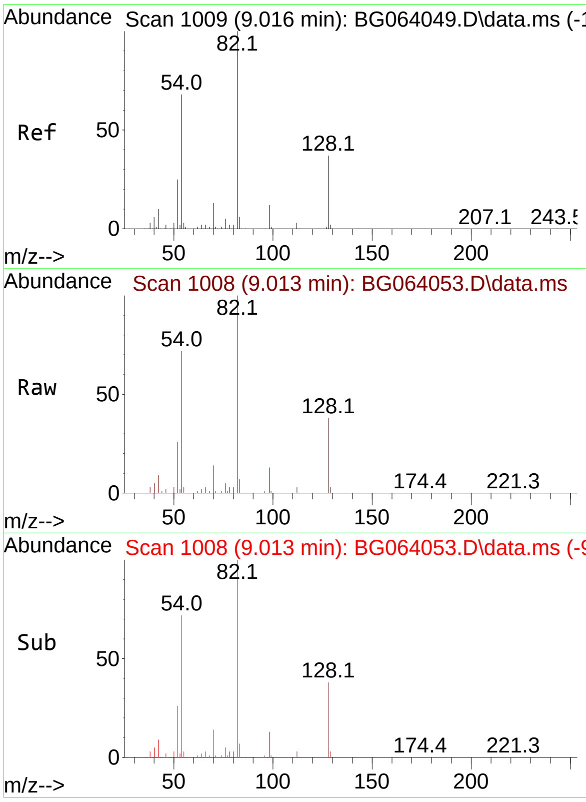
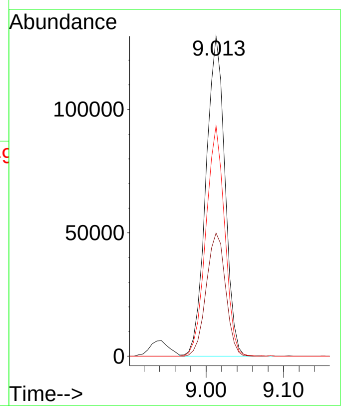
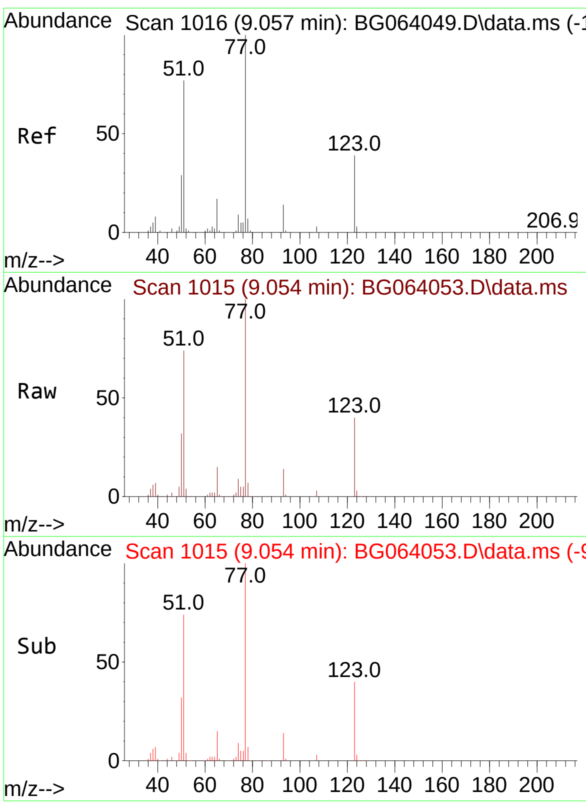


#23
Nitrobenzene-d5
Concen: 84.279 ng
RT: 9.013 min Scan# 1(
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 82 Resp: 22126

Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.0	45.0
54	72.0	54.7	82.1

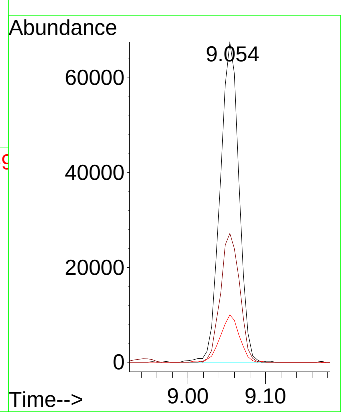




#24
Nitrobenzene
Concen: 42.208 ng
RT: 9.054 min Scan# 1015
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 77 Resp: 114521

Ion	Ratio	Lower	Upper
77	100		
123	40.3	31.4	47.2
65	14.8	13.4	20.0



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Instrument :
BNA_G
ClientSampleId :
ICVBG030525

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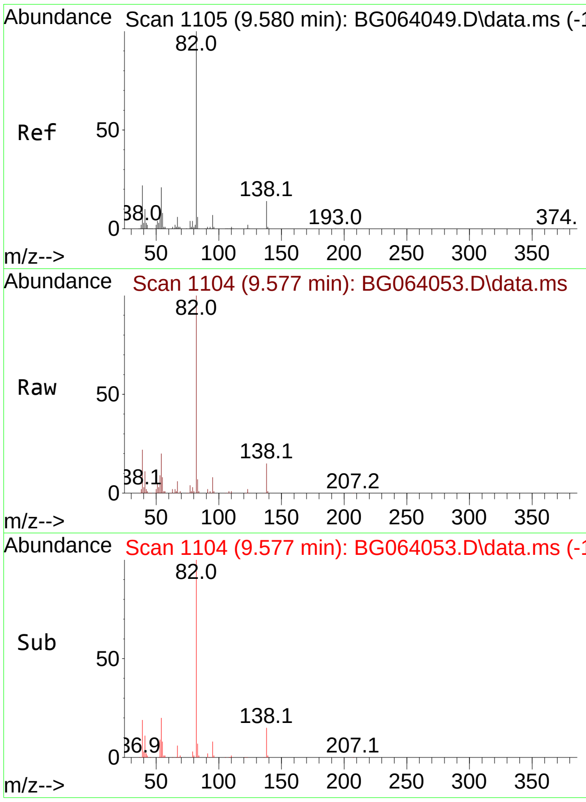
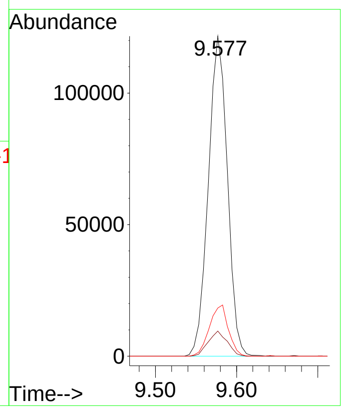
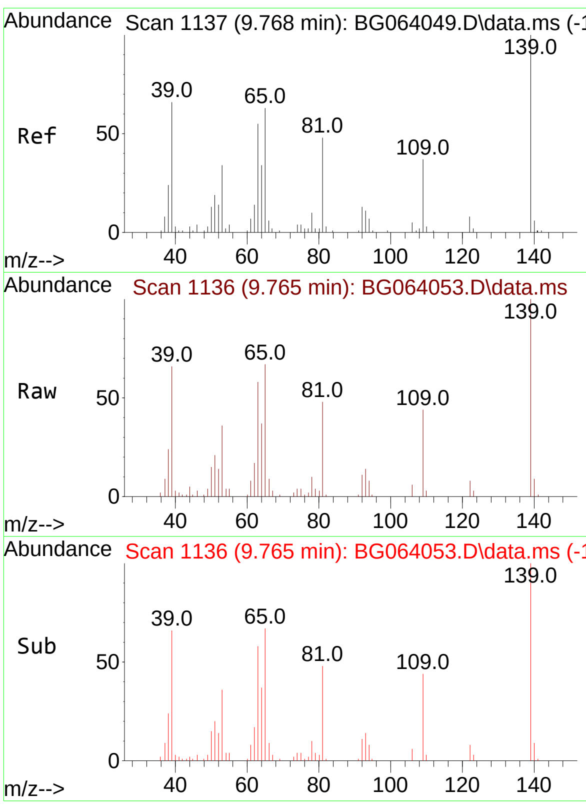


#25
Isophorone
Concen: 37.823 ng
RT: 9.577 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 82 Resp: 198754

Ion	Ratio	Lower	Upper
82	100		
95	7.9	5.8	8.8
138	15.1	10.9	16.3

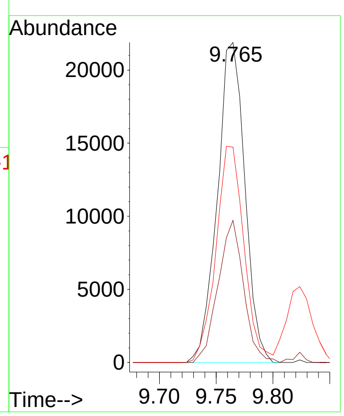




#26
2-Nitrophenol
Concen: 40.946 ng
RT: 9.765 min Scan# 1136
Delta R.T. -0.003 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:139 Resp: 36978

Ion	Ratio	Lower	Upper
139	100		
109	44.4	29.9	44.9
65	67.3	50.6	76.0



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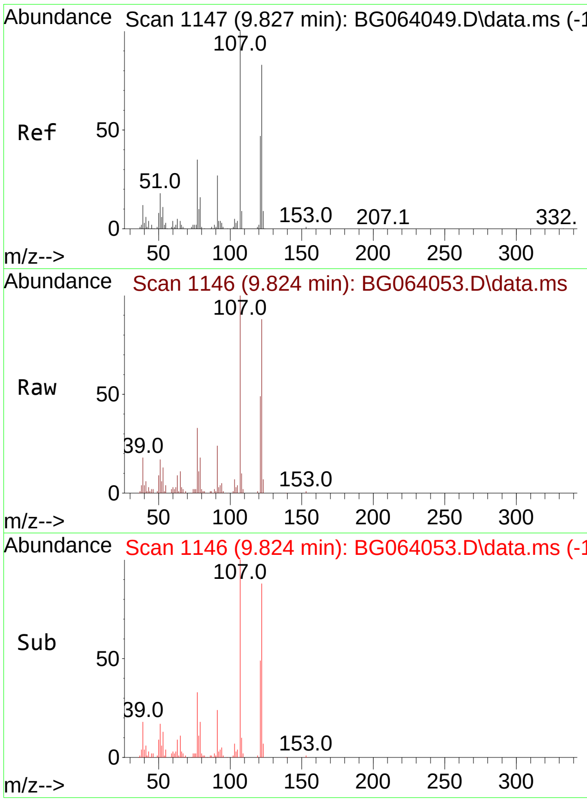

#27
2,4-Dimethylphenol
Concen: 40.139 ng
RT: 9.824 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:122 Resp: 6323

Ion	Ratio	Lower	Upper
122	100		
107	114.1	95.4	143.0
121	55.8	44.9	67.3

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations
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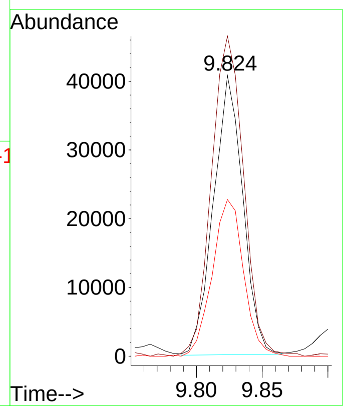
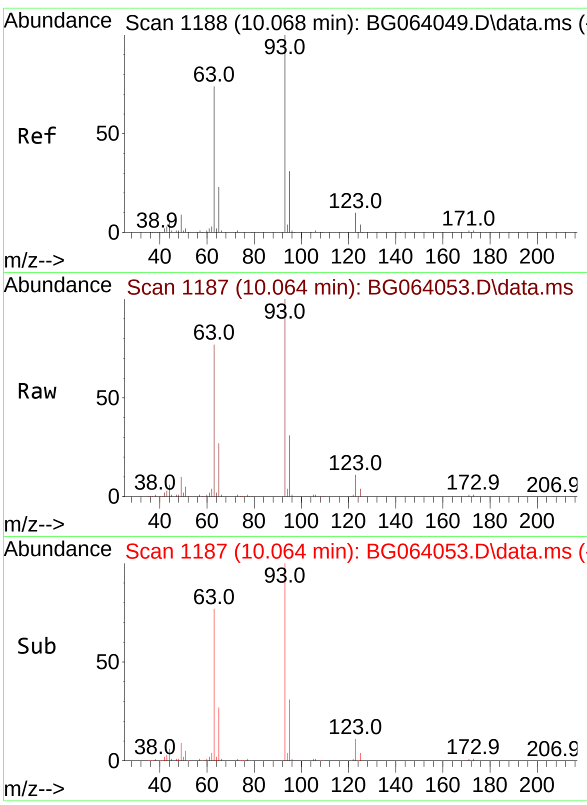
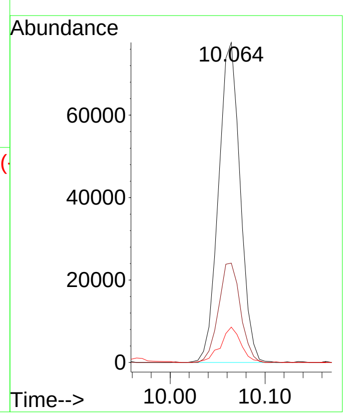


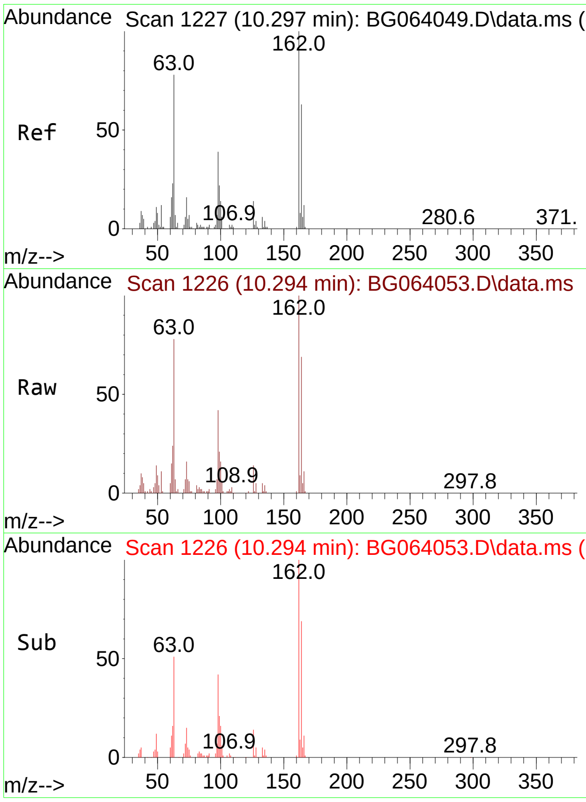


#28
bis(2-Chloroethoxy)methane
Concen: 38.620 ng
RT: 10.064 min Scan# 1187
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 93 Resp: 123038

Ion	Ratio	Lower	Upper
93	100		
95	31.1	25.0	37.4
123	11.1	7.6	11.4





#29
2,4-Dichlorophenol
Concen: 41.154 ng
RT: 10.294 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion:162 Resp: 8186

Ion	Ratio	Lower	Upper
162	100		
164	68.6	42.8	82.8
98	42.1	19.1	59.1

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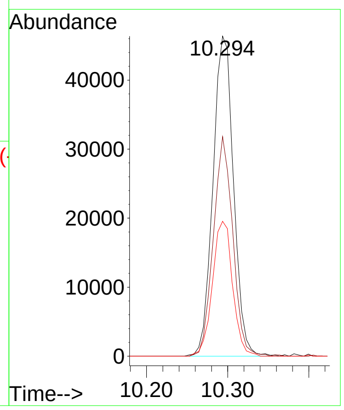
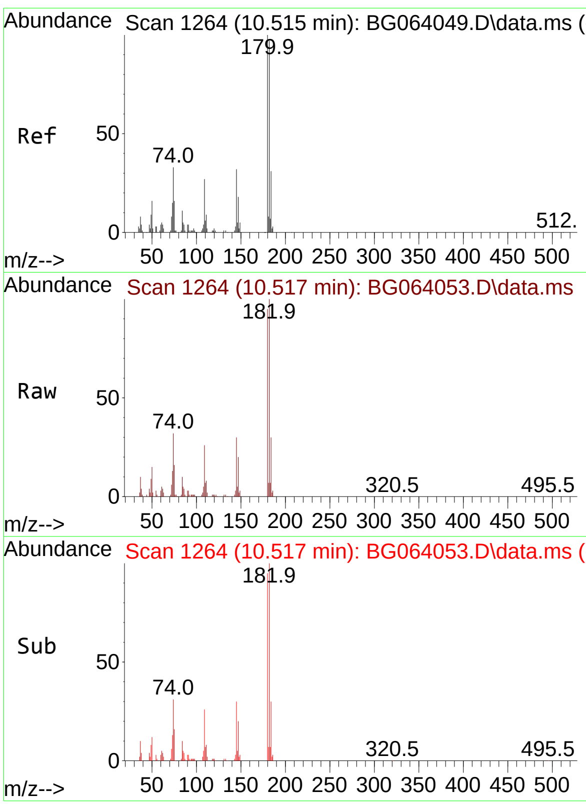
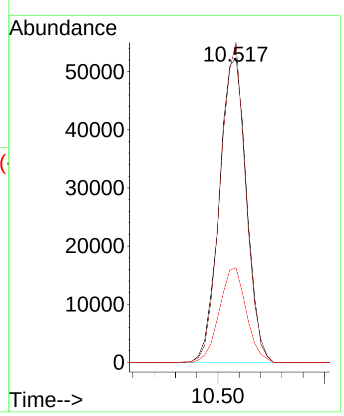




#30
1,2,4-Trichlorobenzene
Concen: 38.802 ng
RT: 10.517 min Scan# 1264
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:180 Resp: 93175

Ion	Ratio	Lower	Upper
180	100		
182	104.9	77.3	115.9
145	31.1	25.2	37.8



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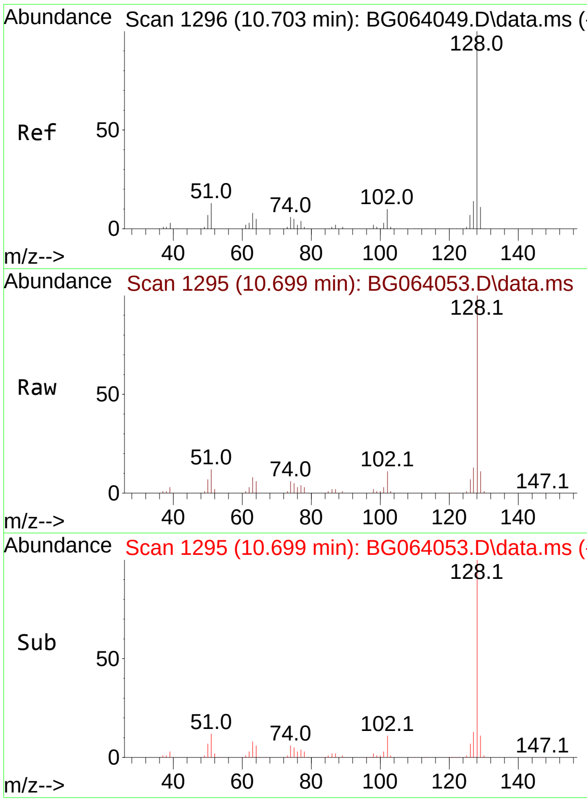

#31
Naphthalene
Concen: 39.402 ng
RT: 10.699 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:128 Resp: 30825

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.4	12.6
127	12.9	11.1	16.7

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations
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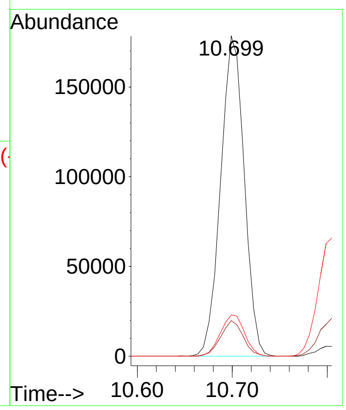
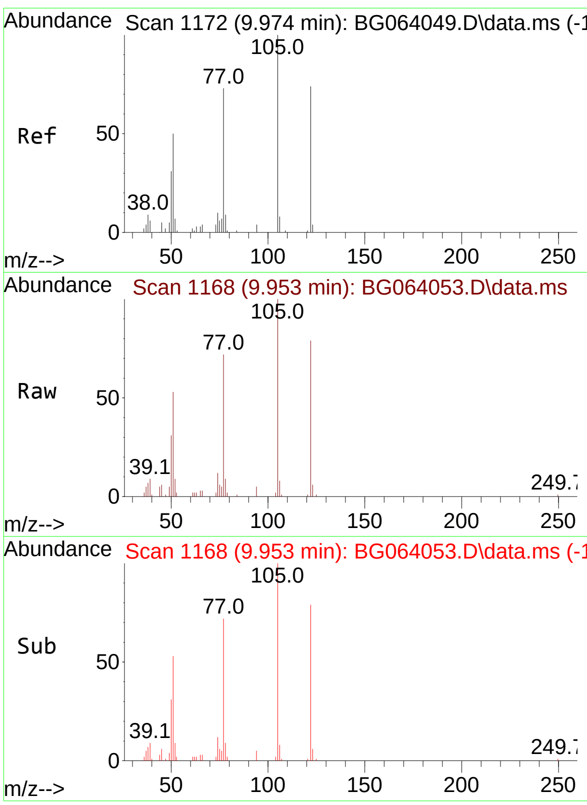
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

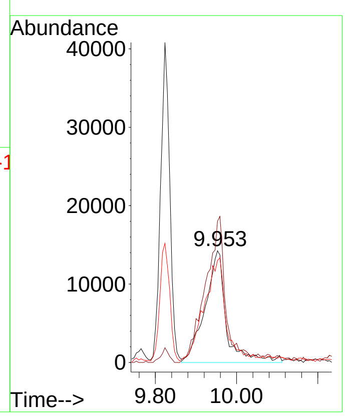


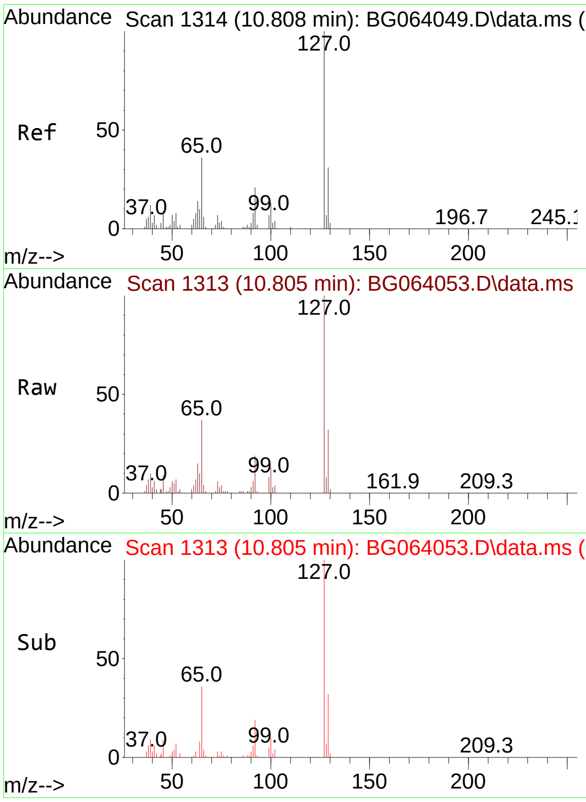


#32
Benzoic acid
Concen: 37.906 ng m
RT: 9.953 min Scan# 1168
Delta R.T. -0.021 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:122 Resp: 51607

Ion	Ratio	Lower	Upper
122	100		
105	126.5	115.0	155.0
77	91.3	80.9	120.9





#33
4-Chloroaniline
Concen: 39.949 ng
RT: 10.805 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion:127 Resp: 11422

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.0	37.4
65	36.5	28.5	42.7
92	18.6	16.5	24.7

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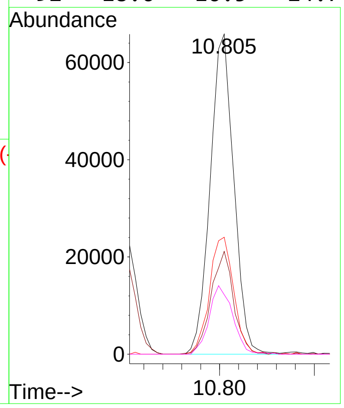
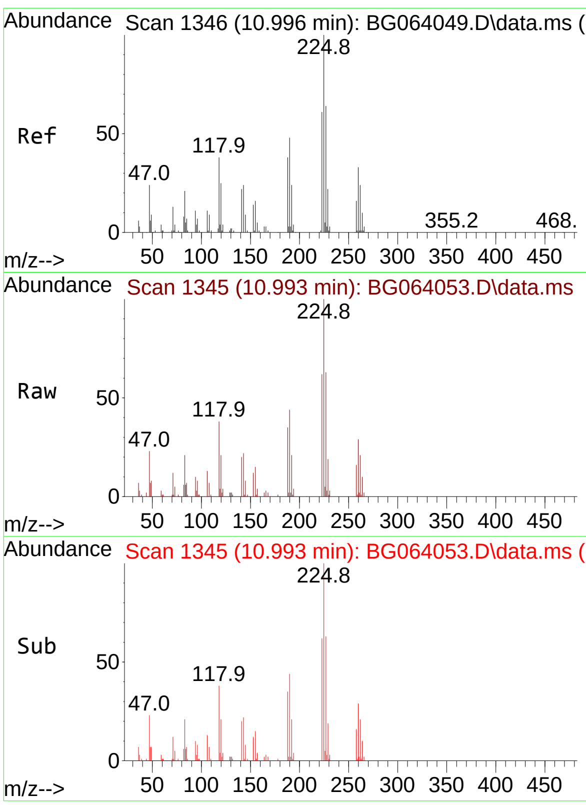
Supervised By :mohammad ahmed 03/07/2025

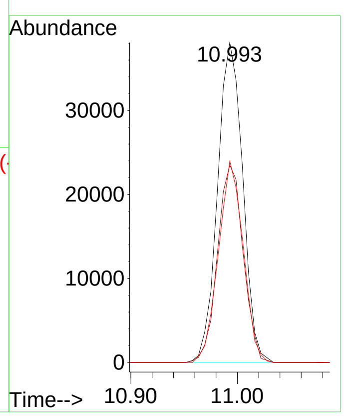


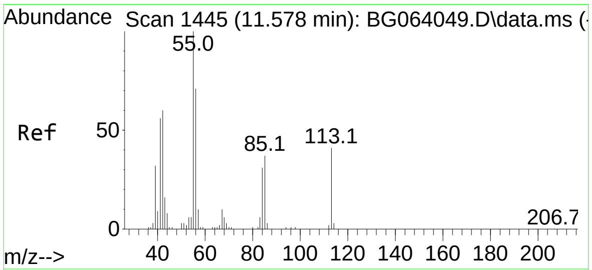


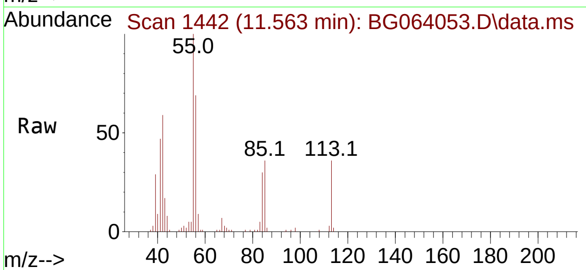
#34
Hexachlorobutadiene
Concen: 39.720 ng
RT: 10.993 min Scan# 1345
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

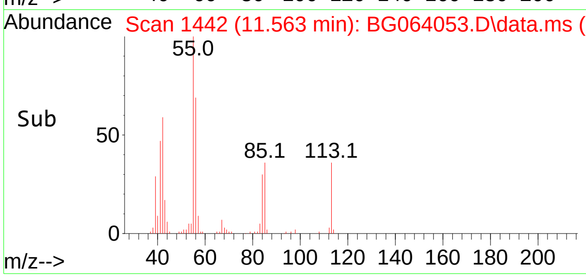
Tgt Ion:225 Resp: 62517

Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.5	72.7
227	63.0	51.0	76.6









#35
Caprolactam
Concen: 42.084 ng
RT: 11.563 min Scan# 14
Delta R.T. -0.015 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion:113 Resp: 3208

Ion	Ratio	Lower	Upper
113	100		
55	274.0	225.2	265.2#
56	189.5	153.4	193.4

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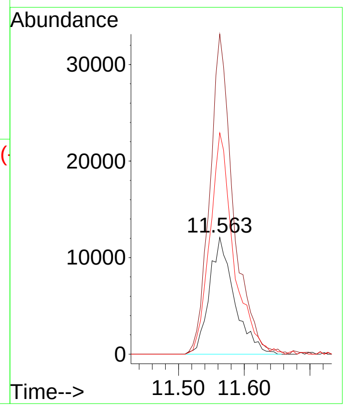
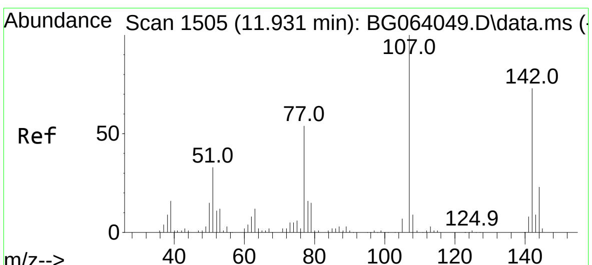
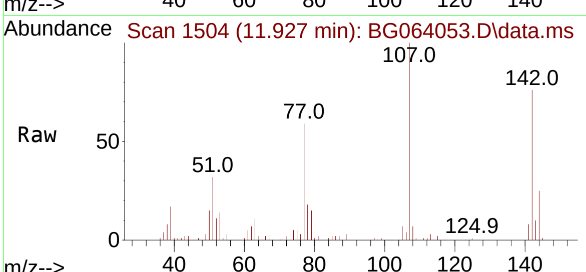
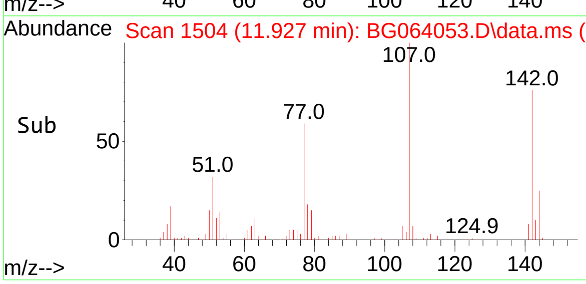
Supervised By :mohammad ahmed 03/07/2025





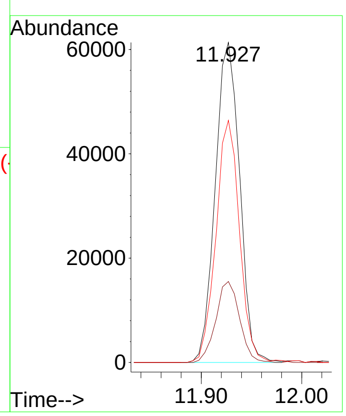


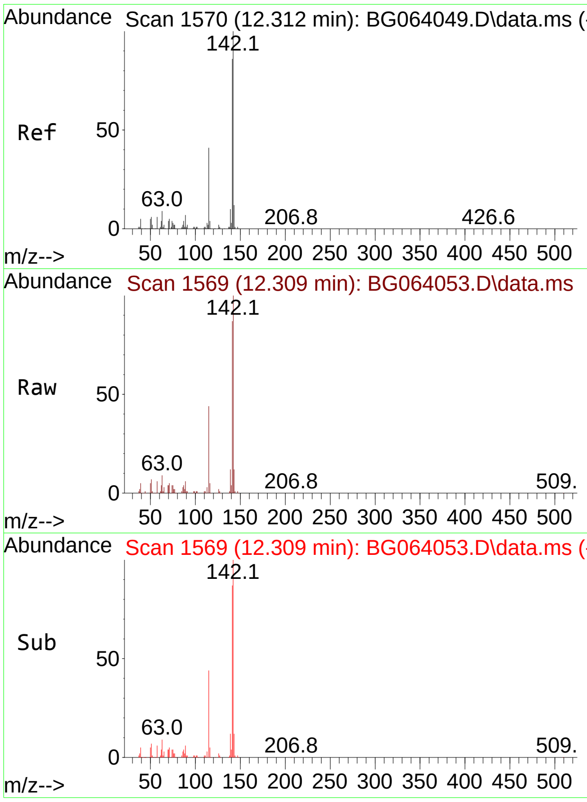


#36
4-Chloro-3-methylphenol
Concen: 39.649 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:107 Resp: 103382

Ion	Ratio	Lower	Upper
107	100		
144	25.3	18.6	28.0
142	75.7	58.0	87.0





#37
2-Methylnaphthalene
Concen: 38.463 ng
RT: 12.309 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion:142 Resp: 21243

Ion	Ratio	Lower	Upper
142	100		
141	87.5	68.6	103.0
115	44.2	32.8	49.2

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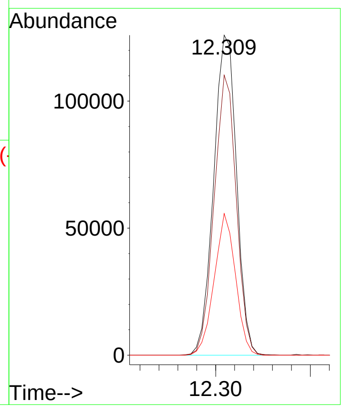
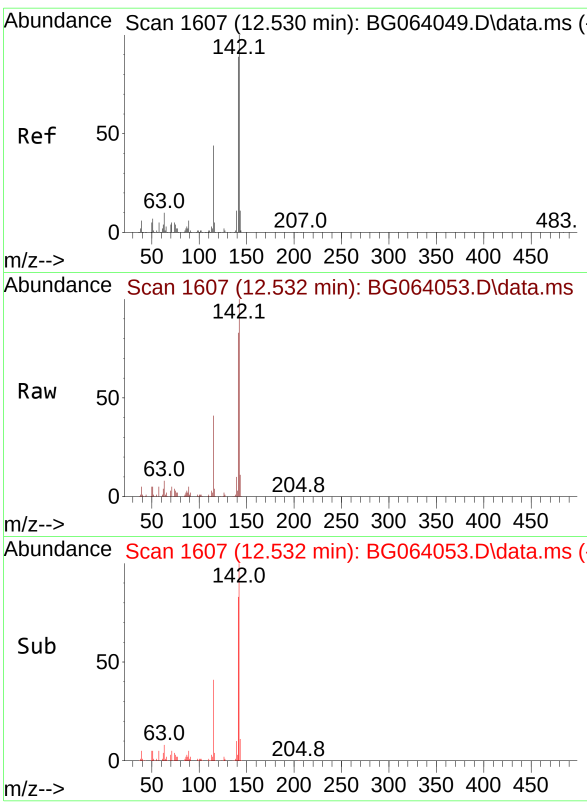
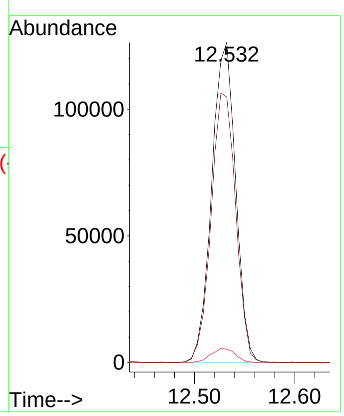




#38
1-Methylnaphthalene
Concen: 38.724 ng
RT: 12.532 min Scan# 1607
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:142 Resp: 209530

Ion	Ratio	Lower	Upper
142	100		
141	83.0	71.2	106.8
116	4.1	3.6	5.4



ICAL Form

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

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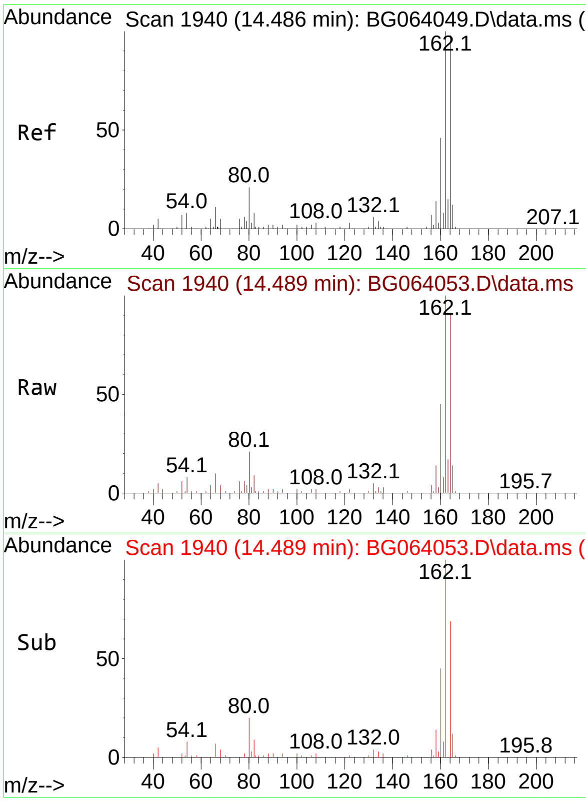
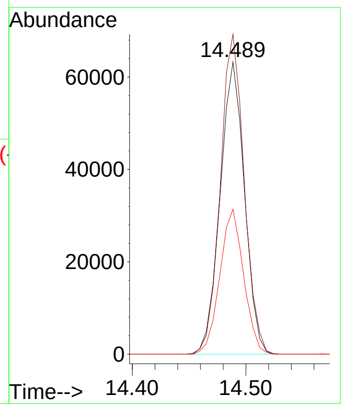
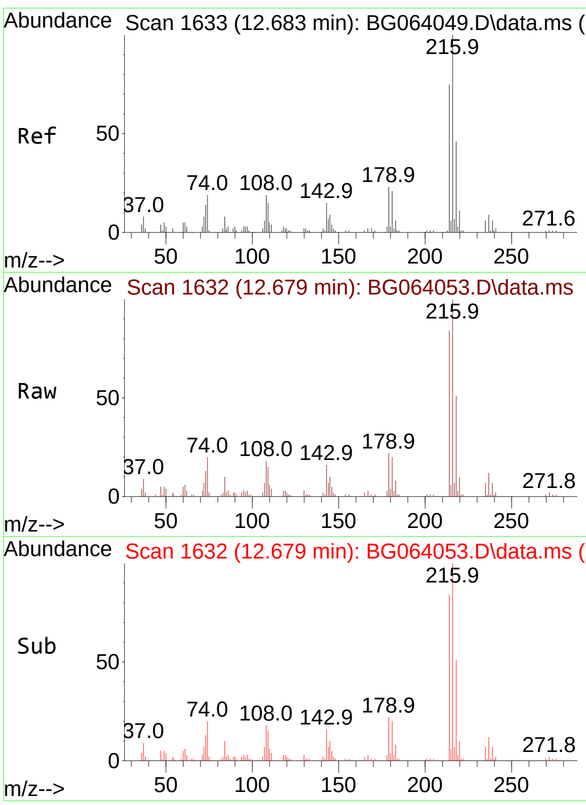


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.489 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:164 Resp: 9372

Ion	Ratio	Lower	Upper
164	100		
162	109.5	81.4	122.0
160	49.6	37.0	55.6

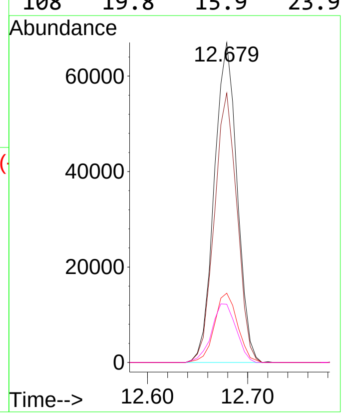


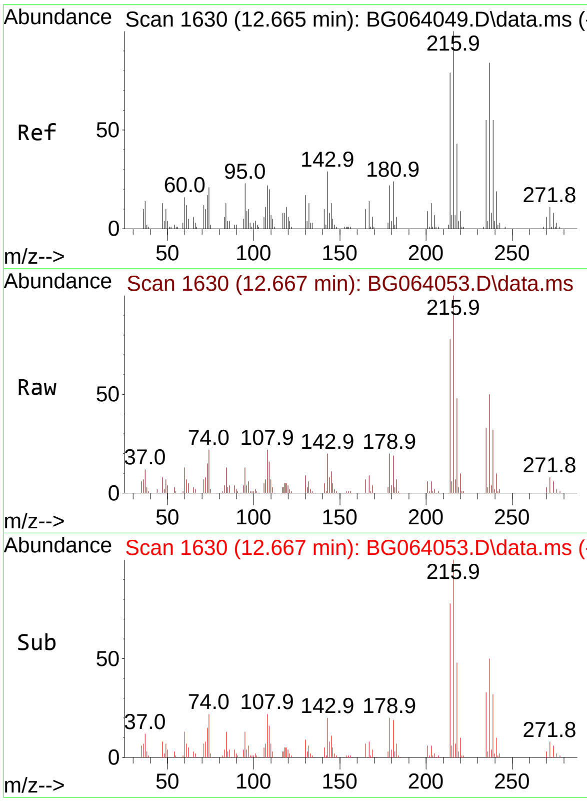


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.630 ng
RT: 12.679 min Scan# 1632
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:216 Resp: 106041

Ion	Ratio	Lower	Upper
216	100		
214	83.5	61.7	92.5
179	22.0	17.9	26.9
108	19.8	15.9	23.9





#41
Hexachlorocyclopentadiene
Concen: 43.873 ng
RT: 12.667 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:237 Resp: 3304

Ion	Ratio	Lower	Upper
237	100		
235	65.3	46.0	86.0
272	15.0	0.0	32.8

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

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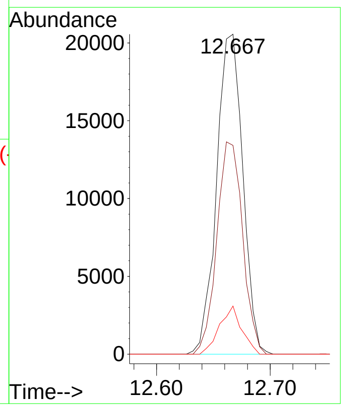
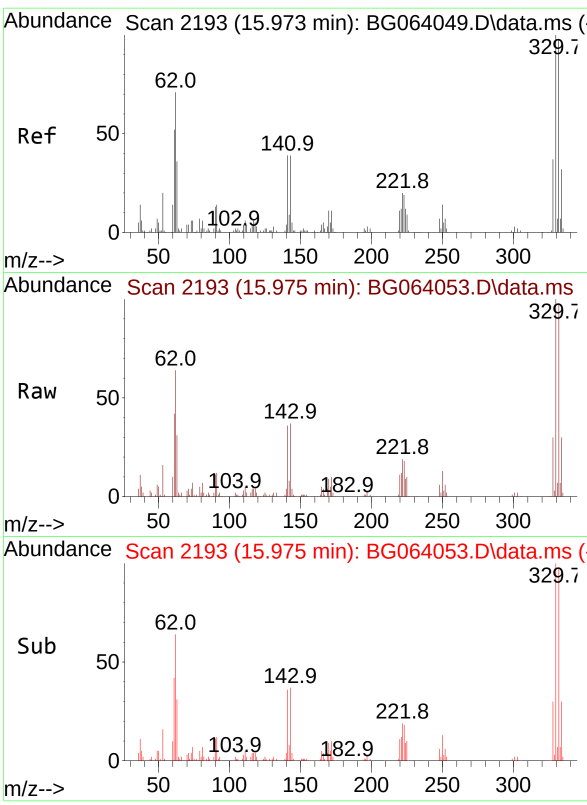
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

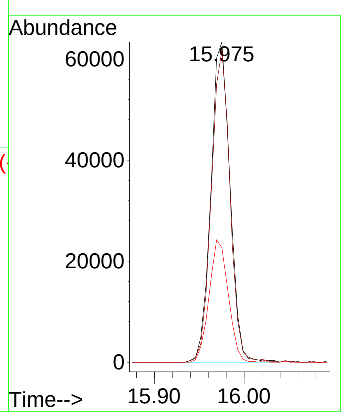




#42
2,4,6-Tribromophenol
Concen: 90.311 ng
RT: 15.975 min Scan# 2193
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:330 Resp: 94089

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.7	115.1
141	38.2	29.7	44.5



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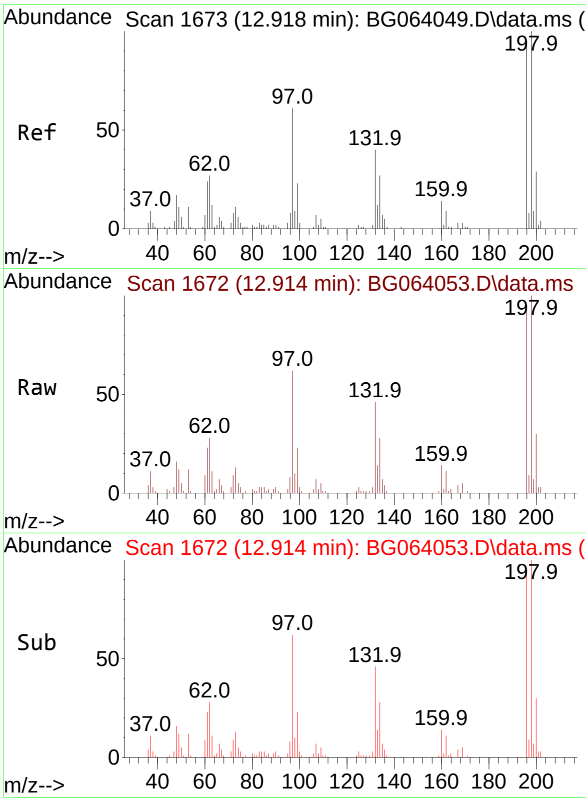

#43
2,4,6-Trichlorophenol
Concen: 42.165 ng
RT: 12.914 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations
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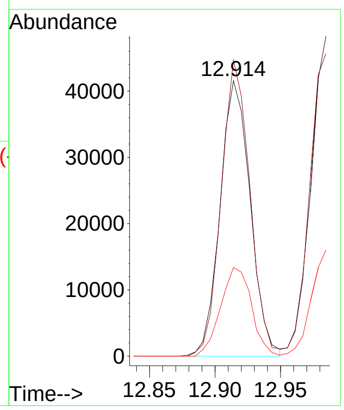
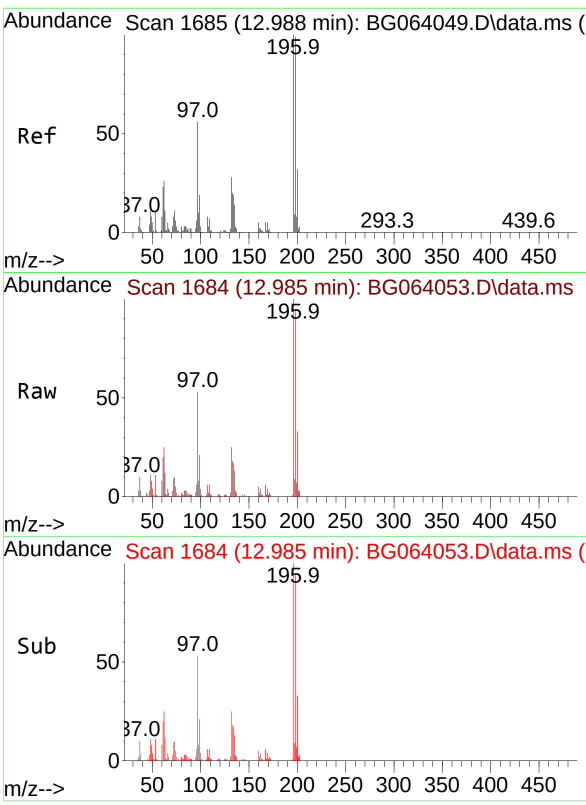
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Tgt Ion:196 Resp: 6649

Ion	Ratio	Lower	Upper
196	100		
198	107.5	85.6	128.4
200	32.2	24.6	37.0

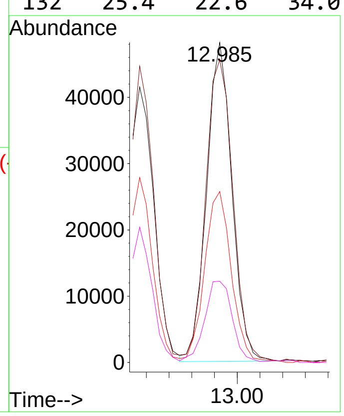


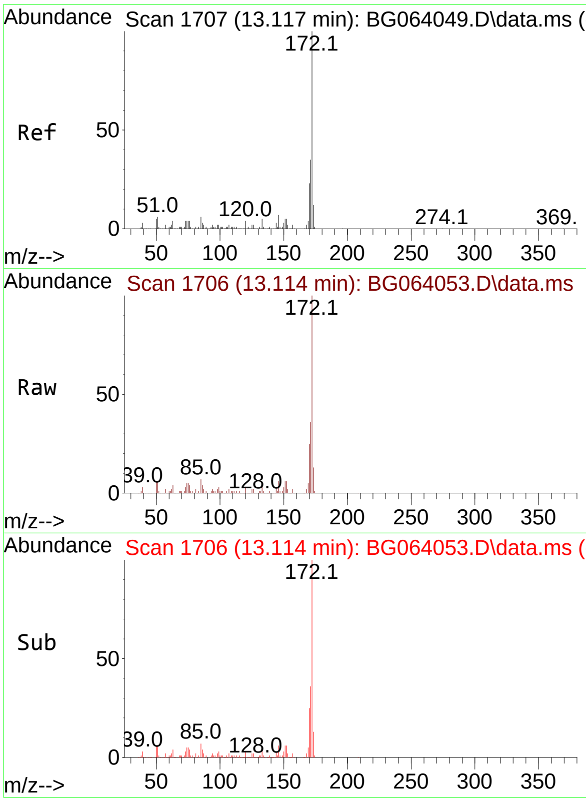


#44
2,4,5-Trichlorophenol
Concen: 42.561 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:196 Resp: 74580

Ion	Ratio	Lower	Upper
196	100		
198	94.6	79.5	119.3
97	53.4	45.2	67.8
132	25.4	22.6	34.0





#45
2-Fluorobiphenyl
Concen: 80.186 ng
RT: 13.114 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion:172 Resp: 49512

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.0	42.0
170	24.7	18.7	28.1

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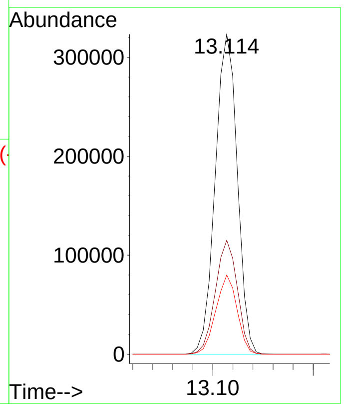
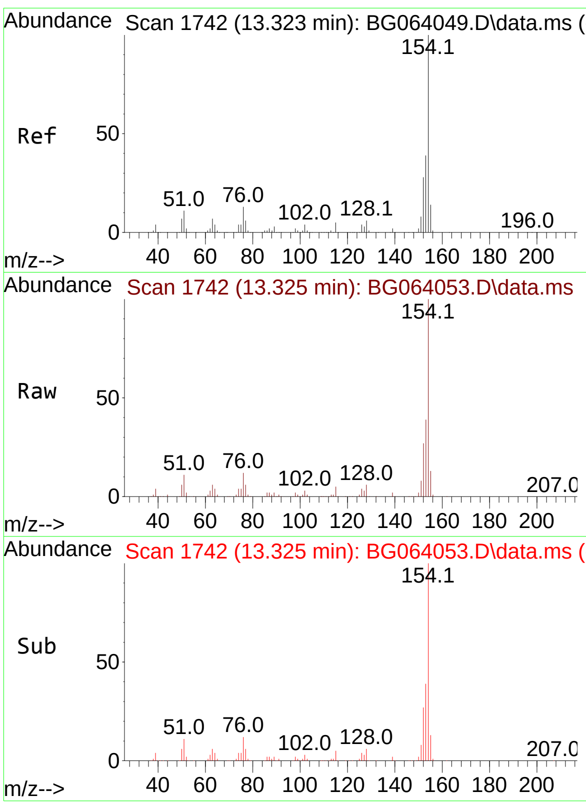
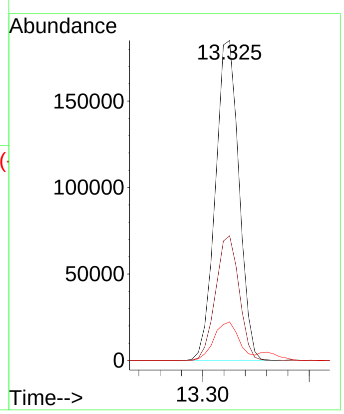




#46
1,1'-Biphenyl
Concen: 40.196 ng
RT: 13.325 min Scan# 1742
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:154 Resp: 284632

Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.5	59.5
76	12.0	0.0	33.5



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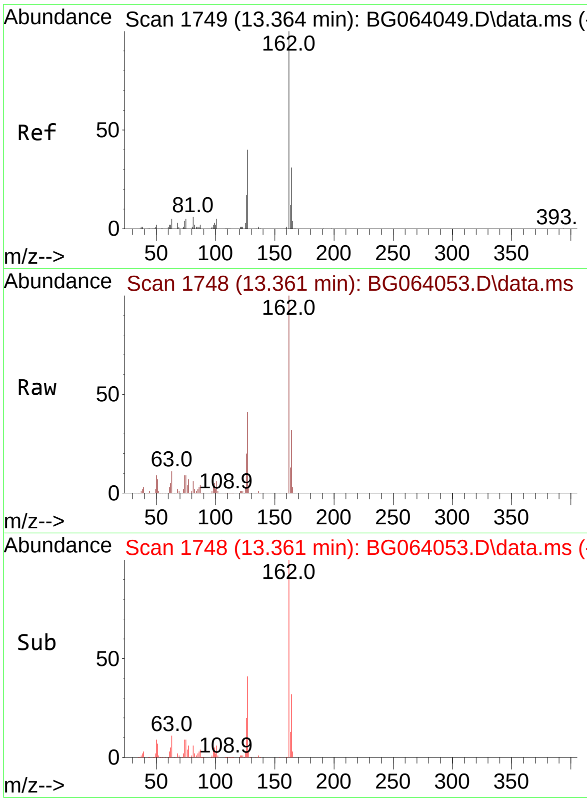

#47
2-Chloronaphthalene
Concen: 40.309 ng
RT: 13.361 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:162 Resp: 20817

Ion	Ratio	Lower	Upper
162	100		
127	40.8	35.0	52.4
164	31.6	25.0	37.6

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations
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Reviewed By :Jagrut Upadhyay 03/06/2025
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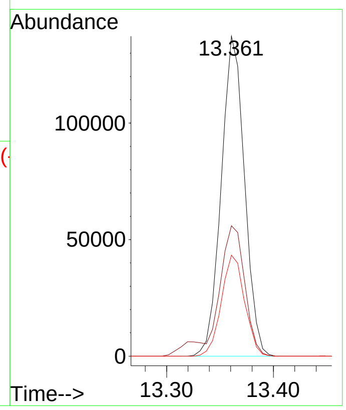
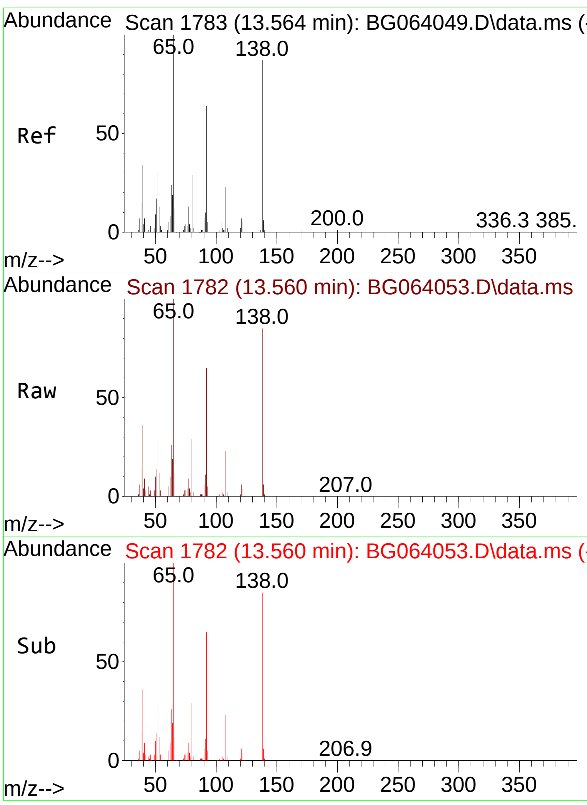
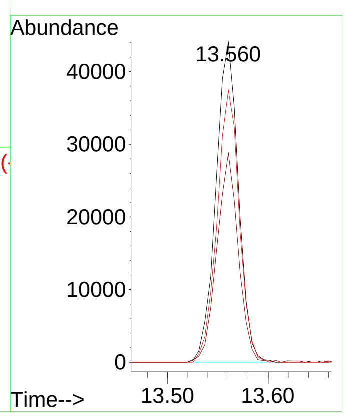




#48
2-Nitroaniline
Concen: 41.405 ng
RT: 13.560 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion: 65 Resp: 68823

Ion	Ratio	Lower	Upper
65	100		
92	65.3	51.2	76.8
138	84.9	69.4	104.2



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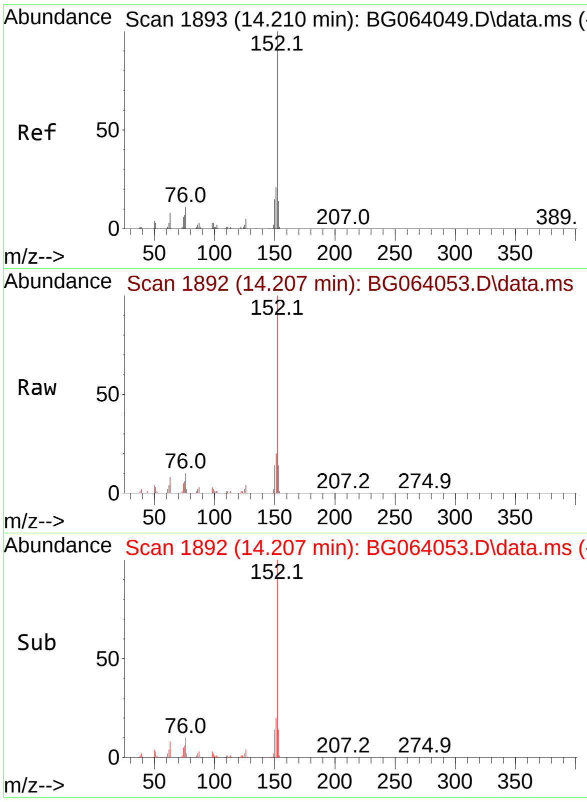

#49
Acenaphthylene
Concen: 40.537 ng
RT: 14.207 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:152 Resp: 331135

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.6	10.9	16.3

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations
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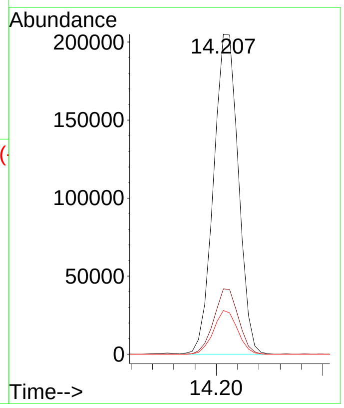
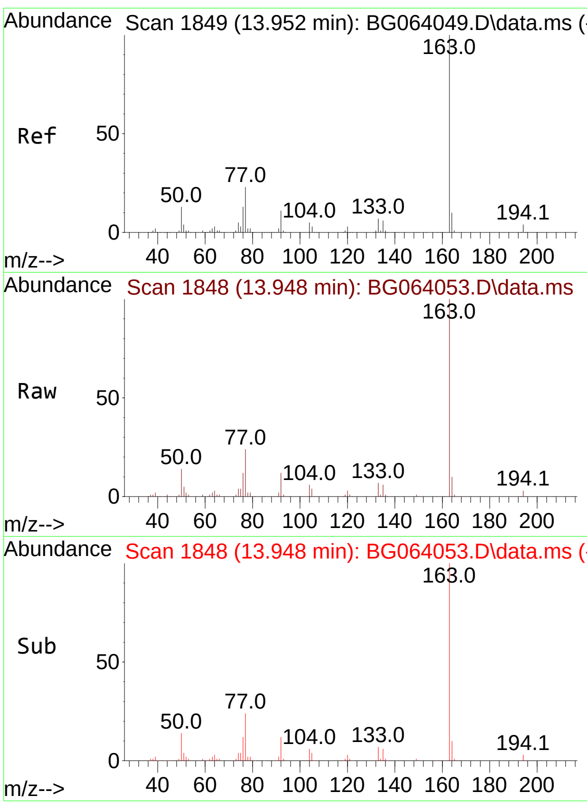
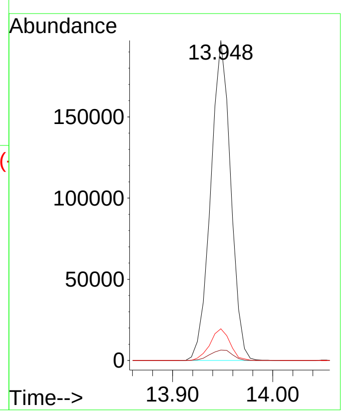


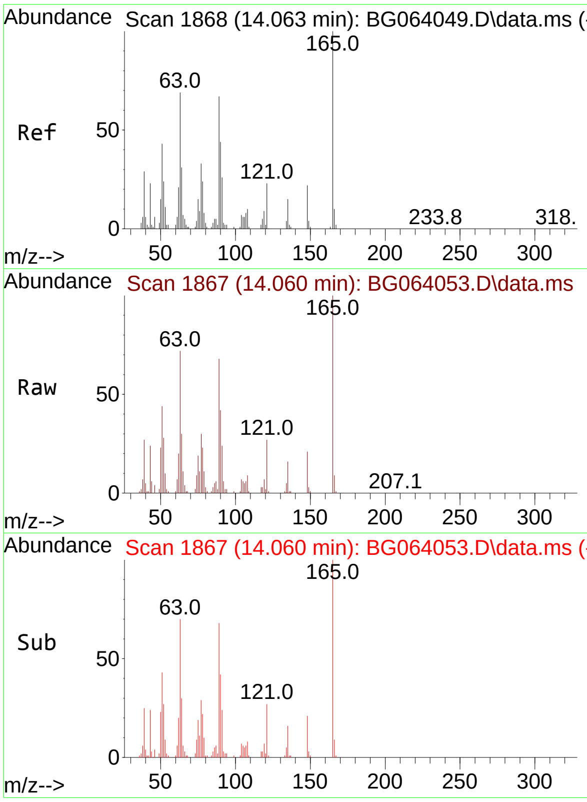


#50
Dimethylphthalate
Concen: 39.712 ng
RT: 13.948 min Scan# 1848
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:163 Resp: 274751

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	9.9	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 40.625 ng
RT: 14.060 min   Scan# 18
Delta R.T.   -0.003 min
Lab File: BG064053.D
Acq: 5 Mar 2025   15:10

Tgt Ion:165 Resp: 5624

Ion	Ratio	Lower	Upper
165	100		
63	72.0	56.7	85.1
89	68.4	53.7	80.5

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations
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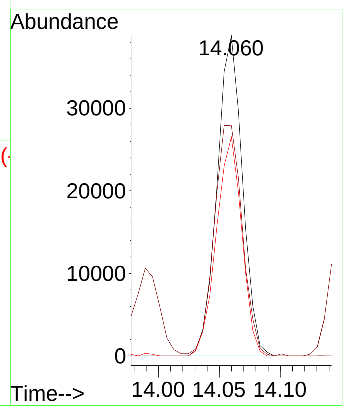
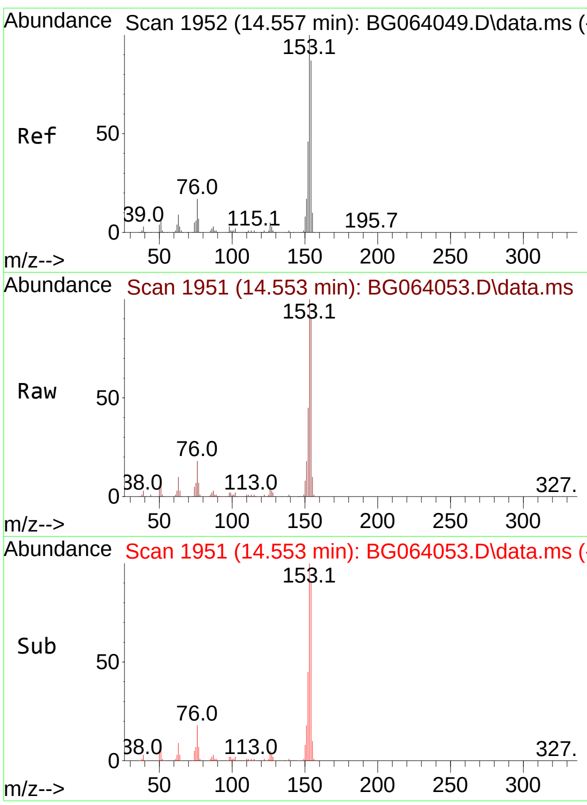
Reviewed By :Jagrut Upadhyay   03/06/2025
Supervised By :mohammad ahmed   03/07/2025

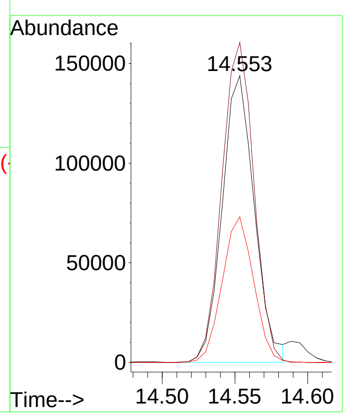


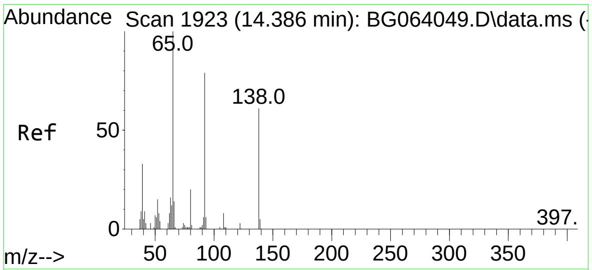


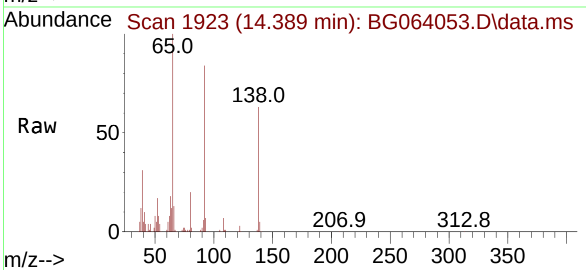
#52
Acenaphthene
Concen: 40.428 ng   m
RT: 14.553 min   Scan# 1951
Delta R.T.   -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025   15:10

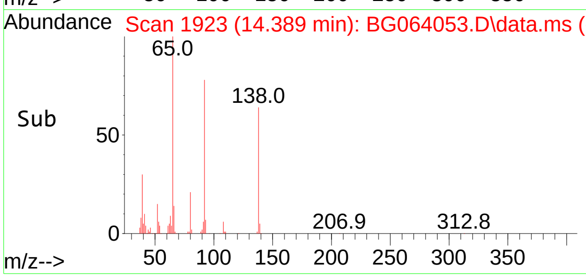
Tgt Ion:154 Resp: 221628

Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.6	137.4
152	50.8	42.5	63.7









#53
3-Nitroaniline
Concen: 45.042 ng
RT: 14.389 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion:138 Resp: 6022

Ion	Ratio	Lower	Upper
138	100		
108	10.8	10.1	15.1
92	133.7	104.1	156.1

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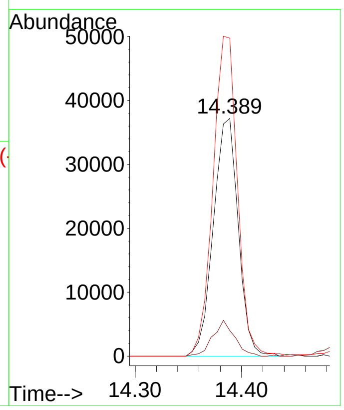
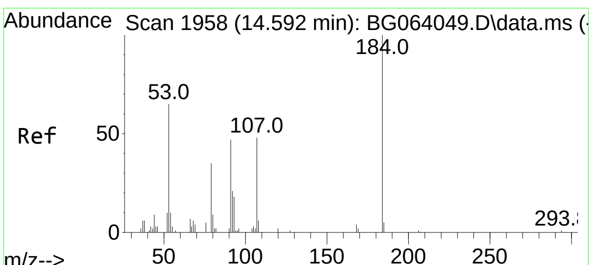
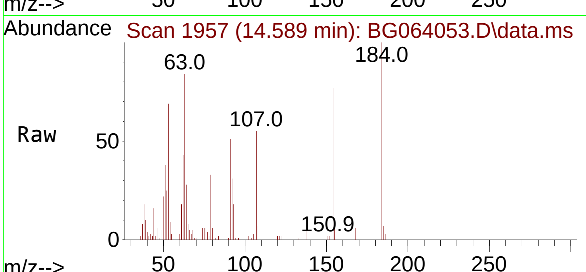
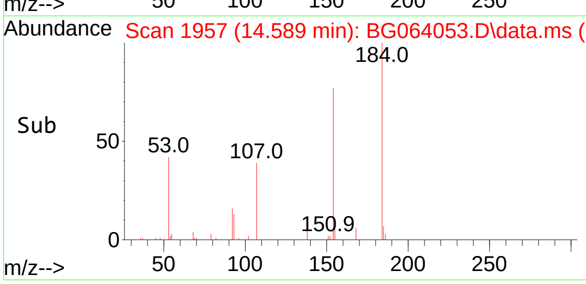
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025





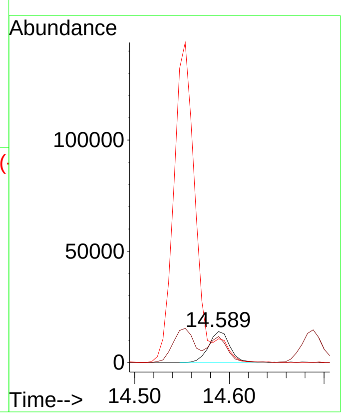




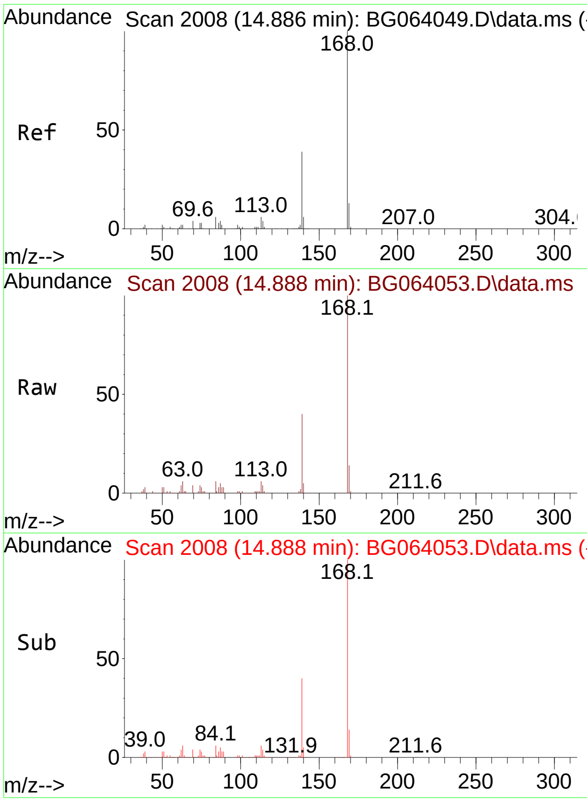
#54
2,4-Dinitrophenol
Concen: 41.197 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:184 Resp: 21627

Ion	Ratio	Lower	Upper
184	100		
63	84.0	57.5	86.3
154	76.8	52.3	78.5



ICAL Form



#55
Dibenzofuran
Concen: 40.014 ng
RT: 14.888 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion:168 Resp: 35536

Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.1	46.7
169	13.7	10.5	15.7

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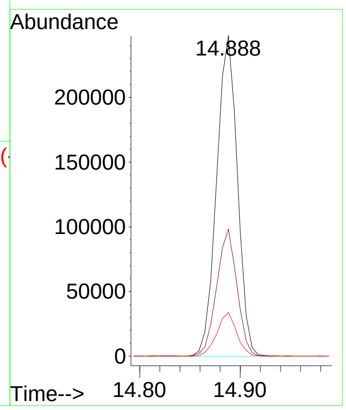
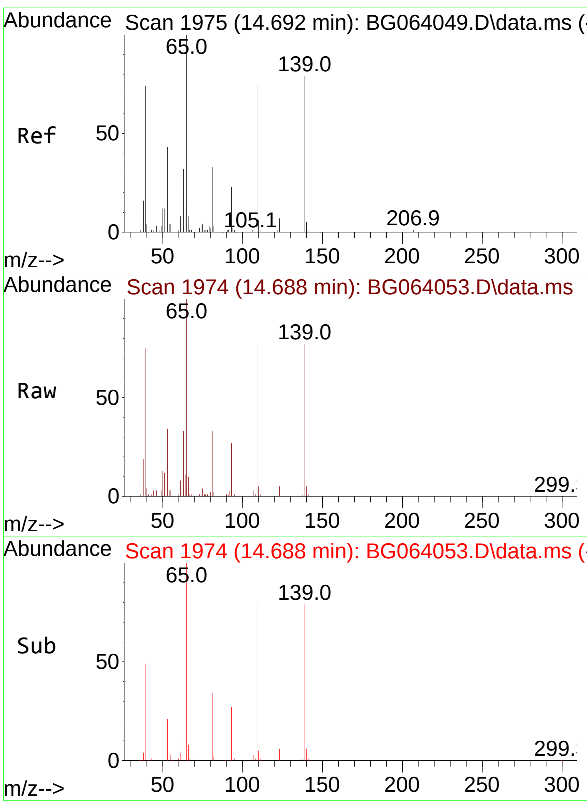
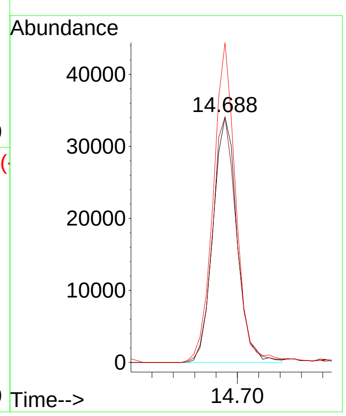




#56
4-Nitrophenol
Concen: 47.537 ng
RT: 14.688 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:139 Resp: 53310

Ion	Ratio	Lower	Upper
139	100		
109	100.1	74.9	114.9
65	130.4	106.8	146.8



Instrument :
BNA_G
ClientSampleId :
ICVBG030525

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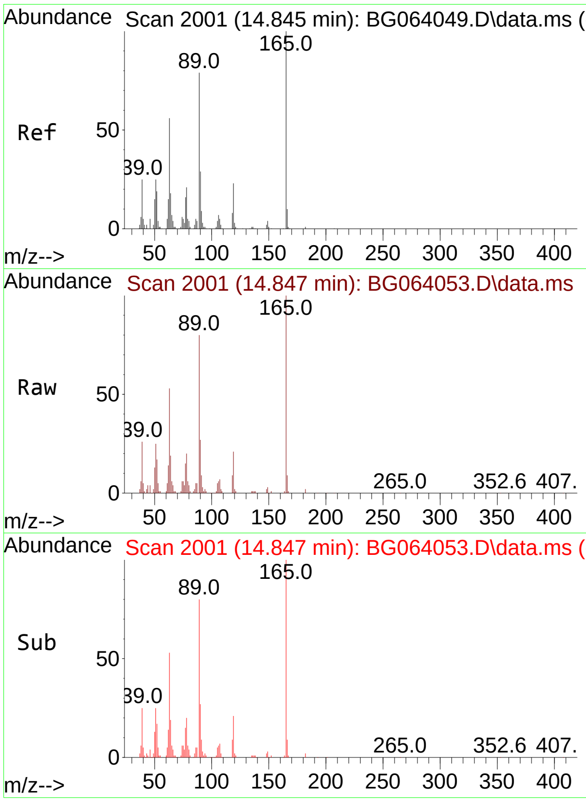
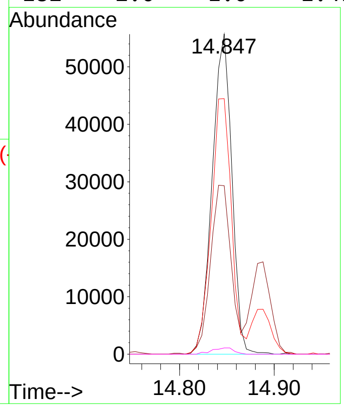
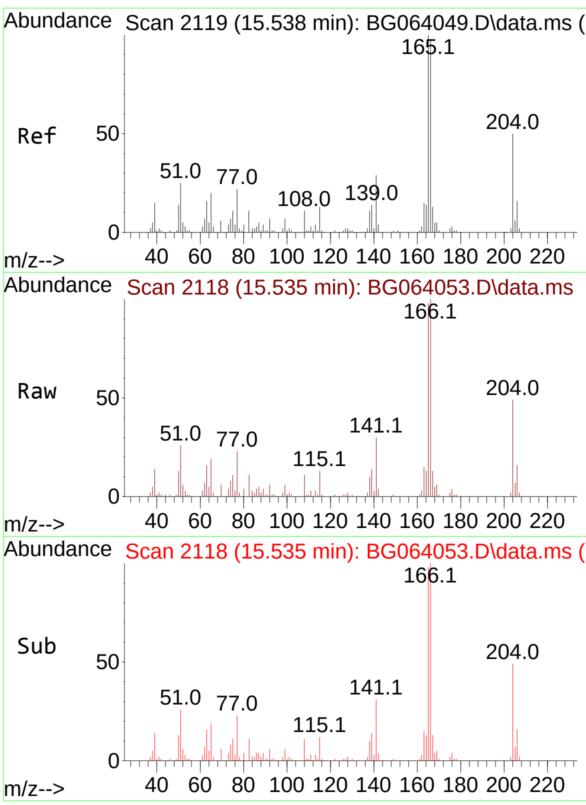


#57
2,4-Dinitrotoluene
Concen: 41.944 ng
RT: 14.847 min Scan# 2(
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:165 Resp: 8026

Ion	Ratio	Lower	Upper
165	100		
63	52.7	45.0	67.6
89	79.8	63.1	94.7
182	2.0	1.0	1.4#

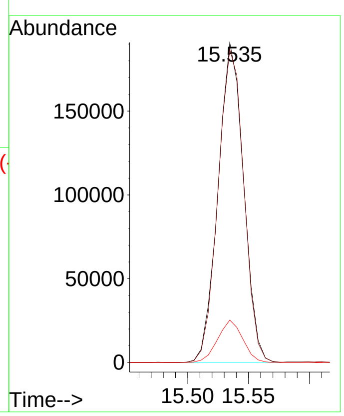




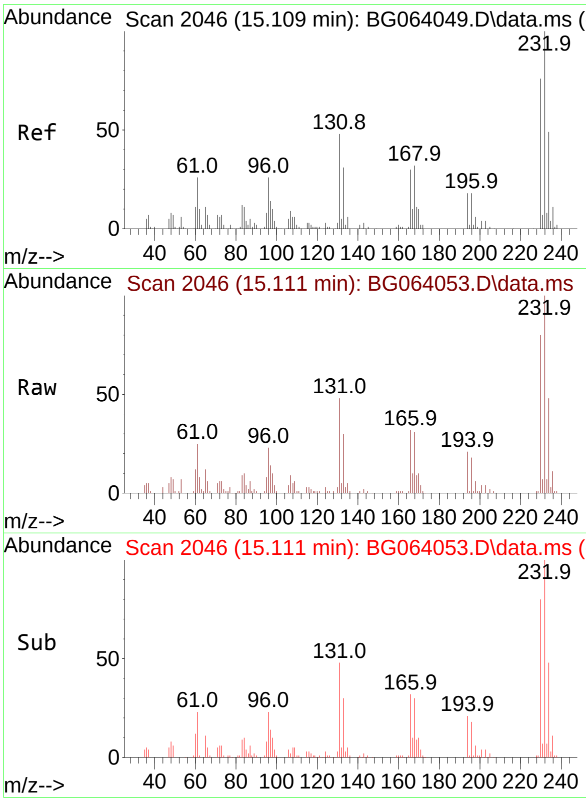
#58
Fluorene
Concen: 40.403 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:166 Resp: 279465

Ion	Ratio	Lower	Upper
166	100		
165	97.8	81.8	122.8
167	13.3	10.8	16.2



ICAL Form



#59
2,3,4,6-Tetrachlorophenol
Concen: 43.068 ng
RT: 15.111 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion:232 Resp: 7357

Ion	Ratio	Lower	Upper
232	100		
131	47.7	36.3	54.5
130	2.8	1.9	2.9
166	31.3	22.8	34.2

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Reviewed By :Jagrut Upadhyay 03/06/2025
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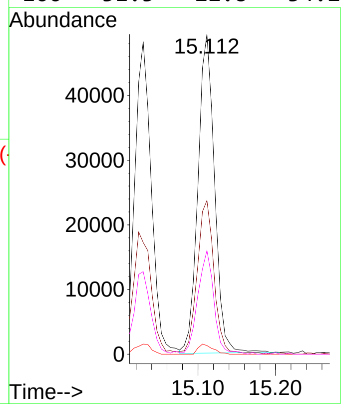
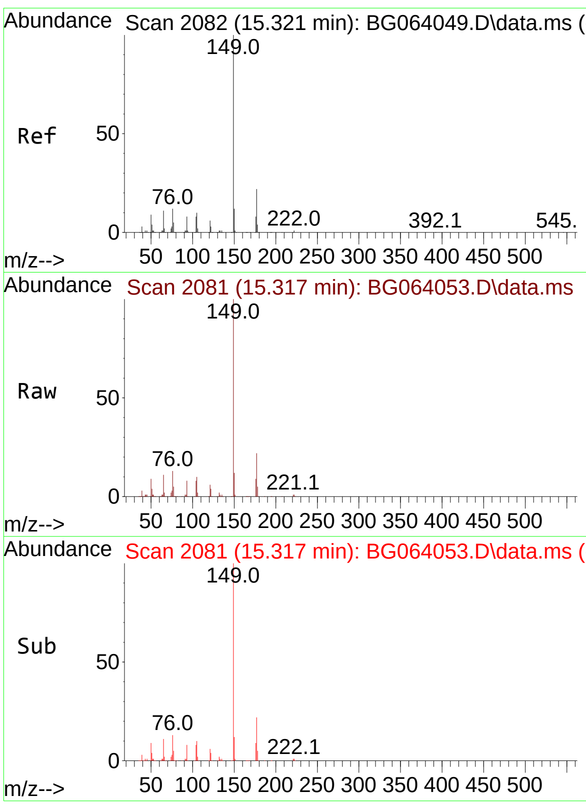
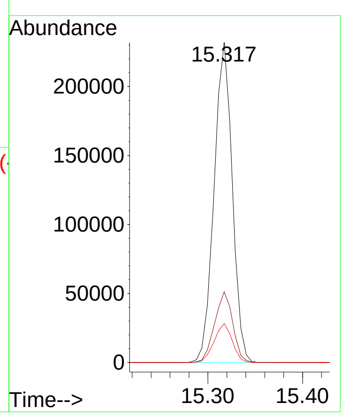




#60
Diethylphthalate
Concen: 41.198 ng
RT: 15.317 min Scan# 2081
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:149 Resp: 309434

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.2	9.4	14.2



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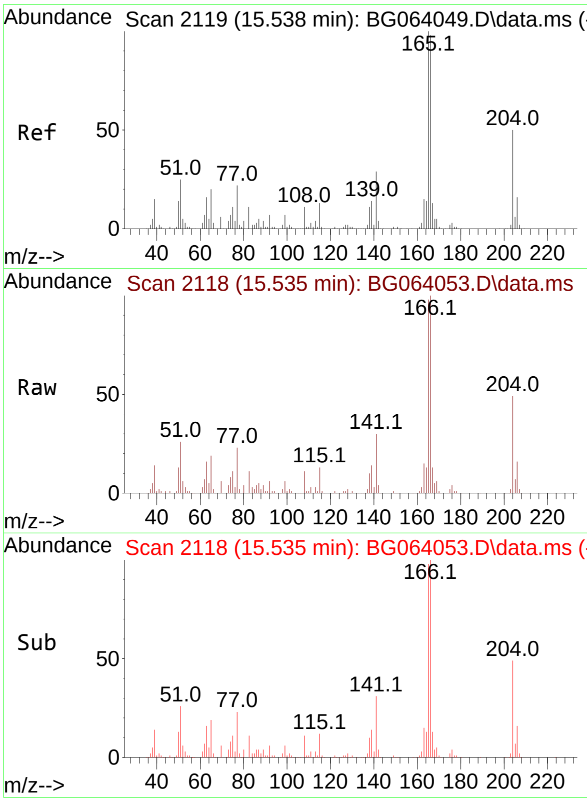

#61
4-Chlorophenyl-phenylether
Concen: 39.367 ng
RT: 15.535 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:204 Resp: 13531

Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.5	38.3
141	62.7	45.4	68.0

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

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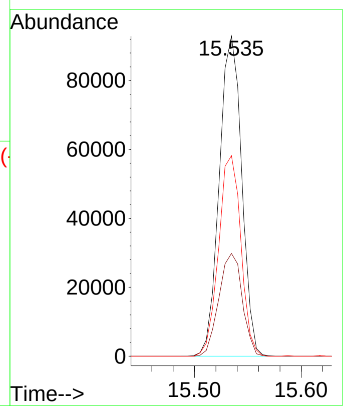
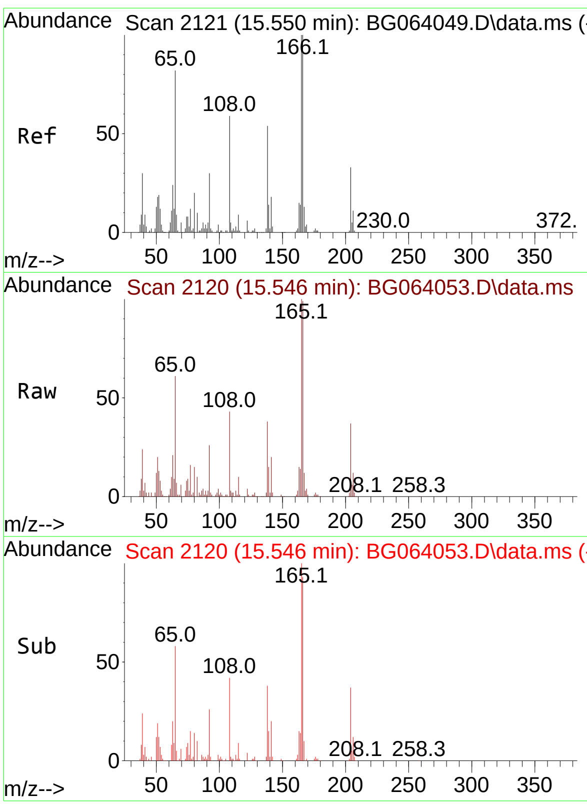
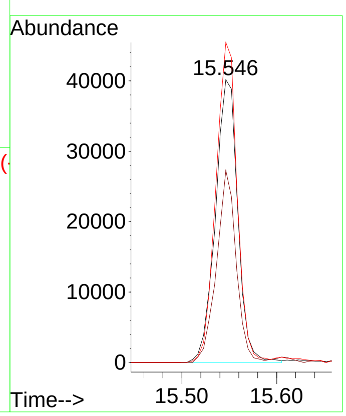




#62
4-Nitroaniline
Concen: 45.576 ng
RT: 15.546 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:138 Resp: 65797

Ion	Ratio	Lower	Upper
138	100		
92	67.9	36.1	76.1
108	113.2	87.9	127.9



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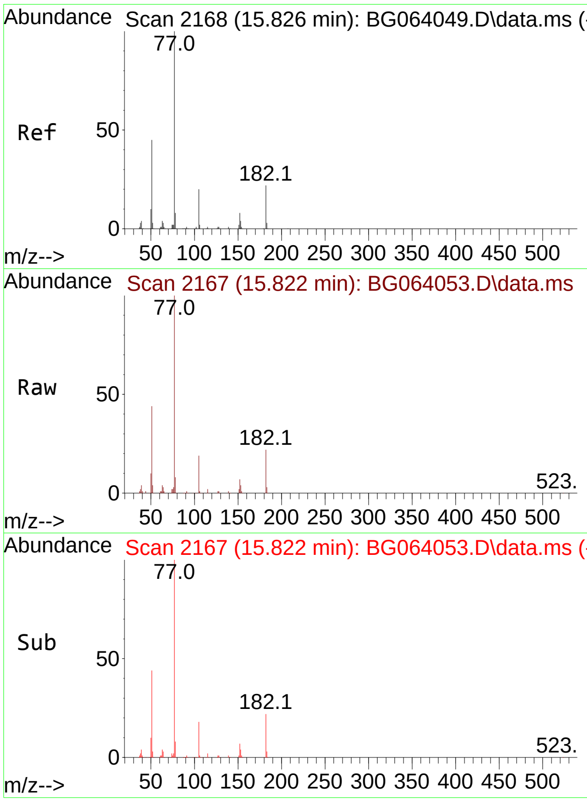

#63
Azobenzene
Concen: 40.137 ng
RT: 15.822 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion: 77 Resp: 32168

Ion	Ratio	Lower	Upper
77	100		
182	21.5	2.4	42.4
105	18.8	0.0	40.0
51	44.4	24.9	64.9

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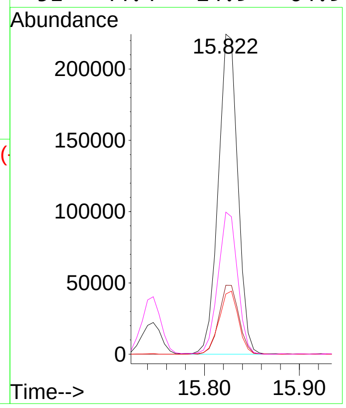
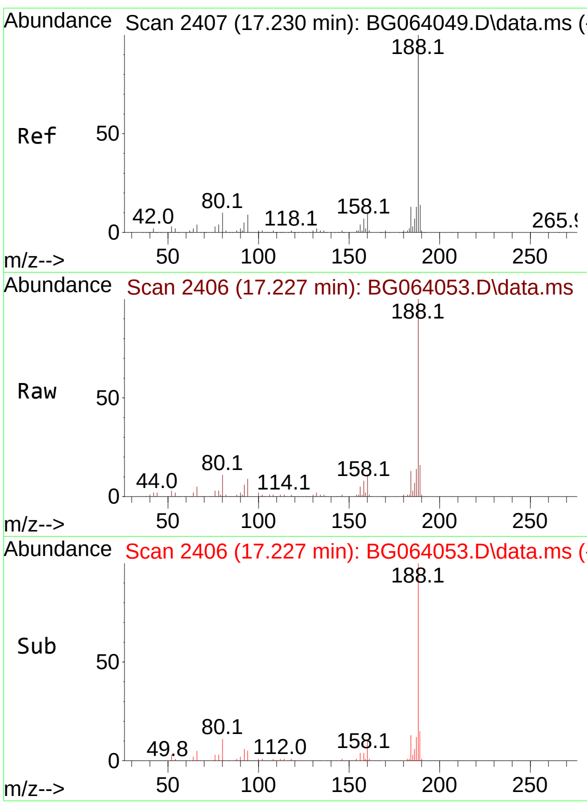
Supervised By :mohammad ahmed 03/07/2025

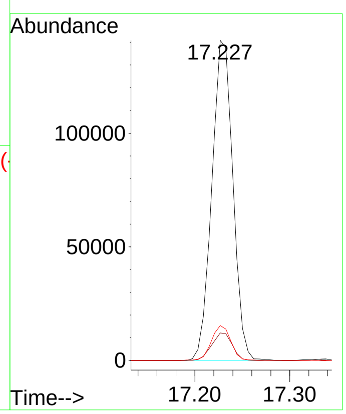




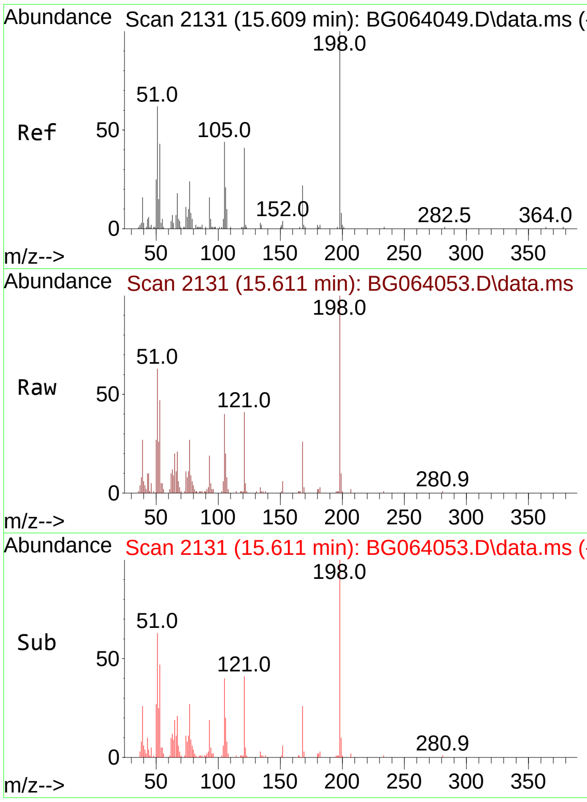
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:188 Resp: 217148

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	10.9	8.1	12.1



ICAL Form



#65
4,6-Dinitro-2-methylphenol
Concen: 39.817 ng
RT: 15.611 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

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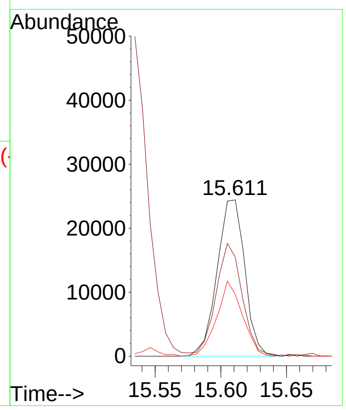
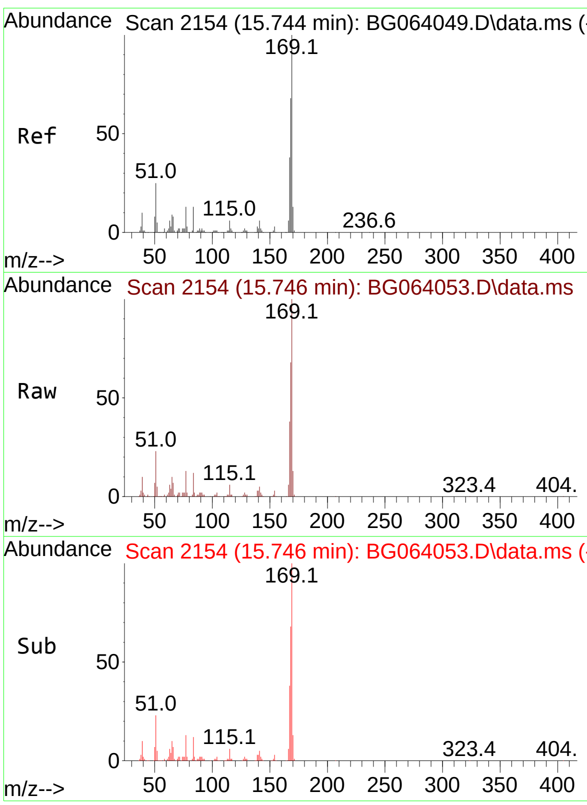
Supervised By :mohammad ahmed 03/07/2025

Tgt Ion:198 Resp: 3577

Ion	Ratio	Lower	Upper
198	100		
51	63.3	45.6	85.6
105	39.5	25.3	65.3

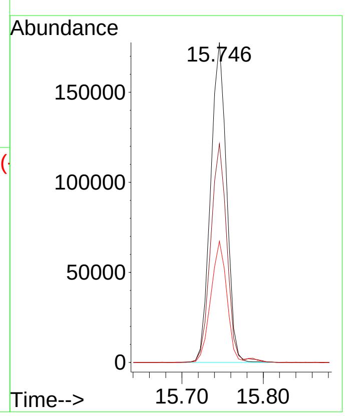




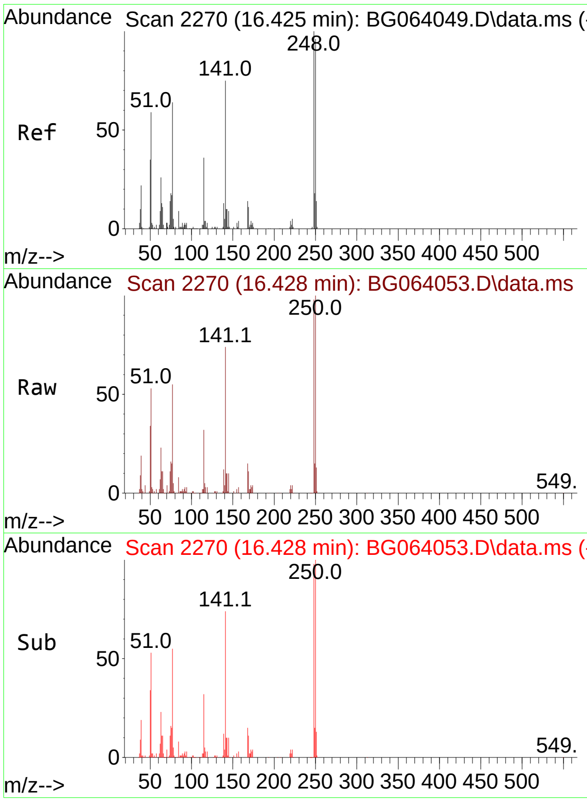
#66
n-Nitrosodiphenylamine
Concen: 39.248 ng
RT: 15.746 min Scan# 2154
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:169 Resp: 241241

Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.1	81.1
167	37.9	30.3	45.5



ICAL Form



#67
4-Bromophenyl-phenylether
Concen: 39.772 ng
RT: 16.428 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:248 Resp: 8845

Ion	Ratio	Lower	Upper
248	100		
250	101.6	77.1	115.7
141	75.0	59.8	89.8

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

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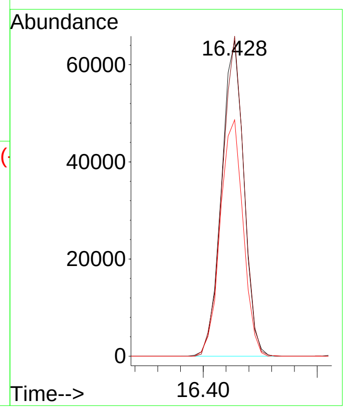
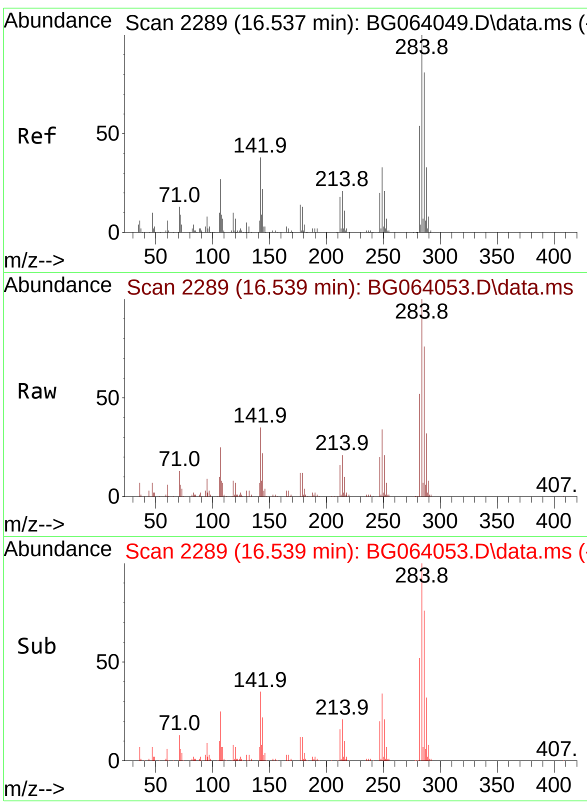
Supervised By :mohammad ahmed 03/07/2025

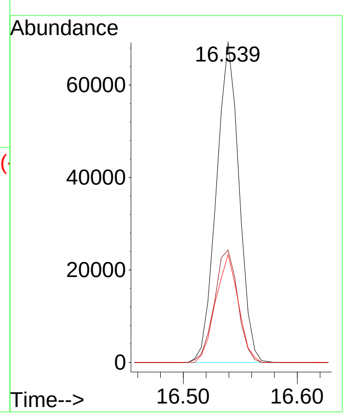


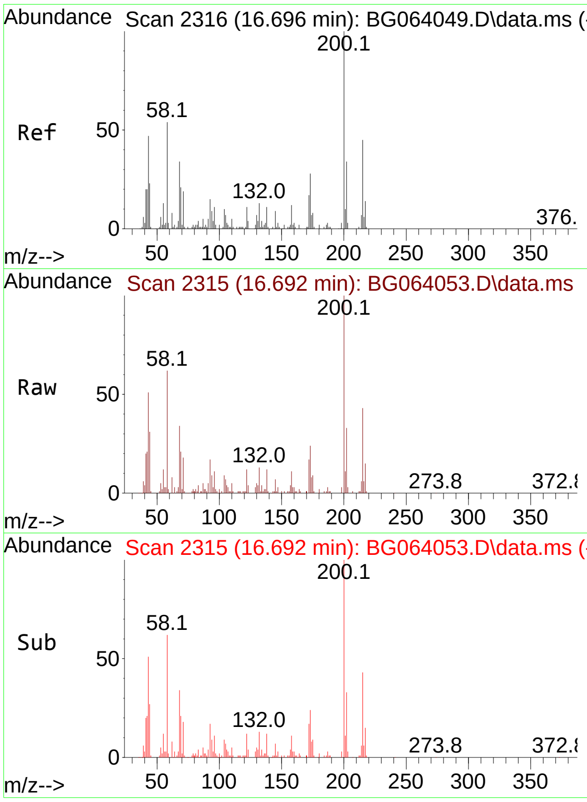


#68
Hexachlorobenzene
Concen: 38.611 ng
RT: 16.539 min Scan# 2289
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:284 Resp: 96136

Ion	Ratio	Lower	Upper
284	100		
142	35.2	30.6	45.8
249	33.7	26.6	39.8

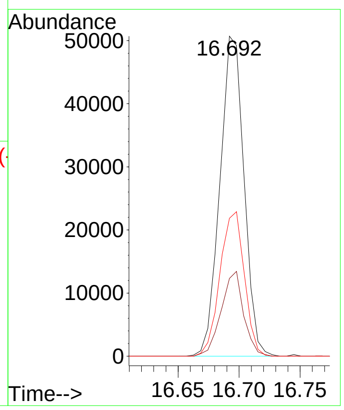




#69
Atrazine
Concen: 38.607 ng
RT: 16.692 min Scan# 2
Delta R.T.   -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025   15:10

Tgt Ion:200 Resp: 6982

Ion	Ratio	Lower	Upper
200	100		
173	24.3	8.2	48.2
215	43.1	25.5	65.5



Instrument :
BNA_G
ClientSampleId :
ICVBG030525

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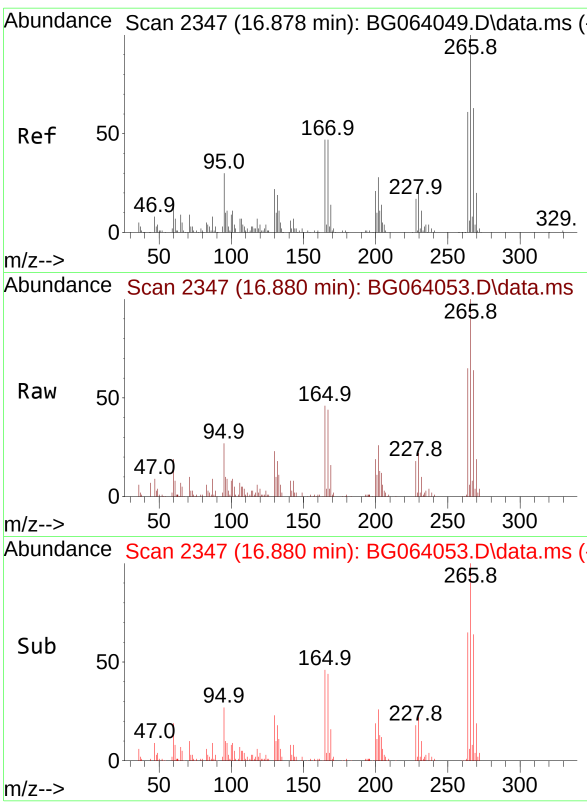
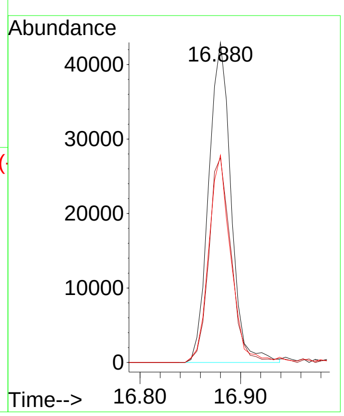
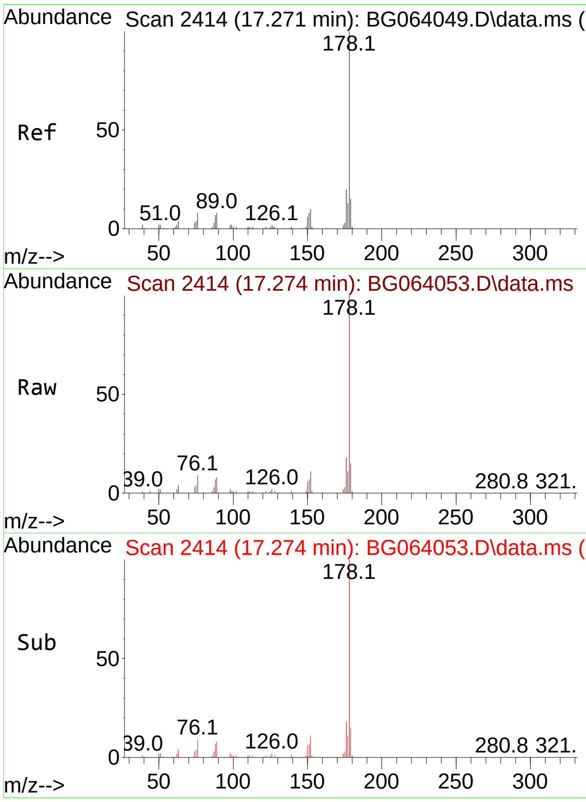


#70
Pentachlorophenol
Concen: 43.019 ng
RT: 16.880 min Scan# 2347
Delta R.T.   0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025   15:10

Tgt Ion:266 Resp: 66504

Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.2	75.4
264	64.8	48.9	73.3





#71
Phenanthrene
Concen: 39.978 ng
RT: 17.274 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:178 Resp: 46302

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.9	23.9
179	14.9	12.2	18.2

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations
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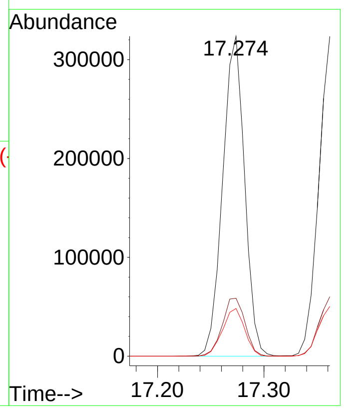
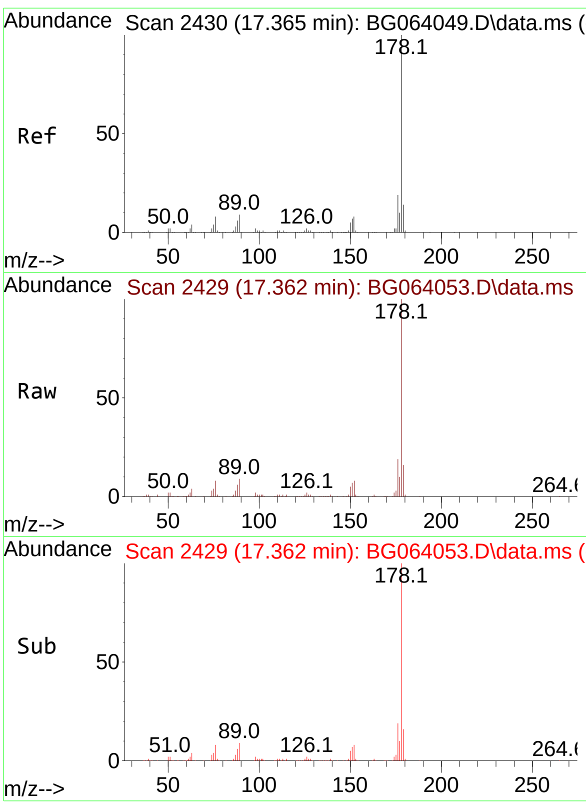
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

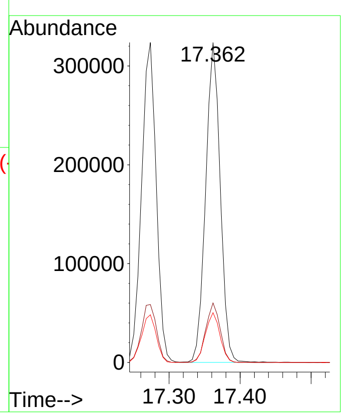


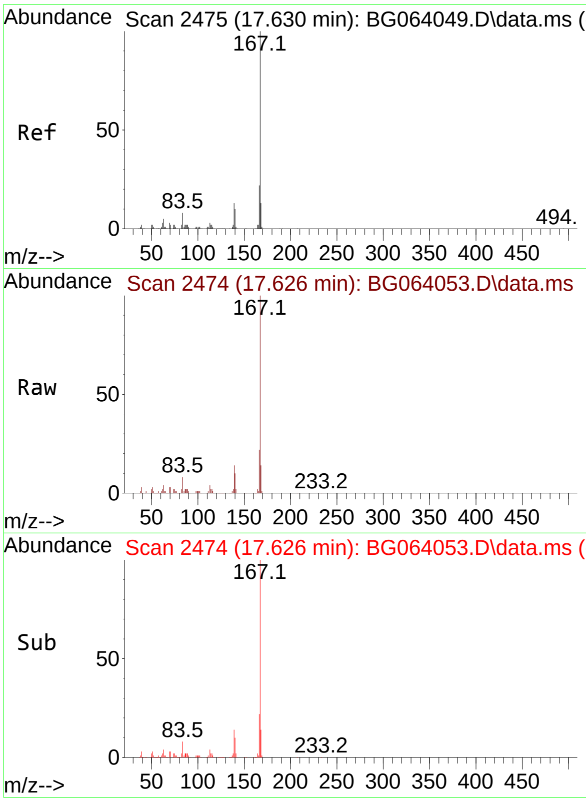


#72
Anthracene
Concen: 40.280 ng
RT: 17.362 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:178 Resp: 463897

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.6	11.5	17.3





#73
Carbazole
Concen: 41.831 ng
RT: 17.626 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

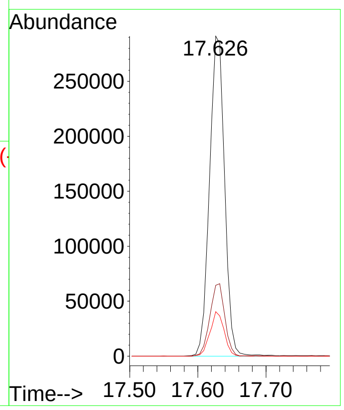
Tgt Ion:167 Resp: 44980

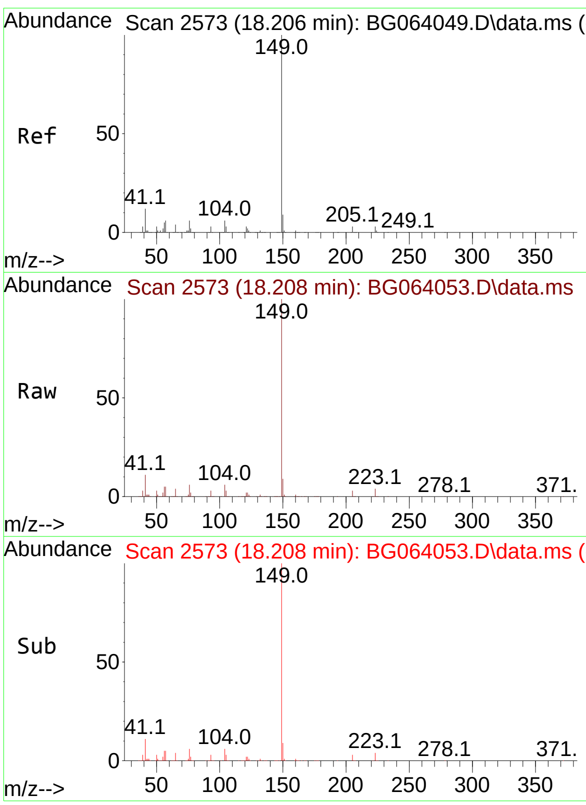
Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	13.9	10.6	15.8

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

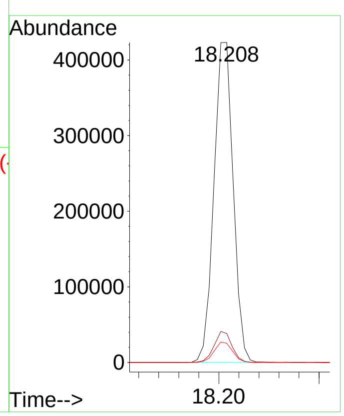


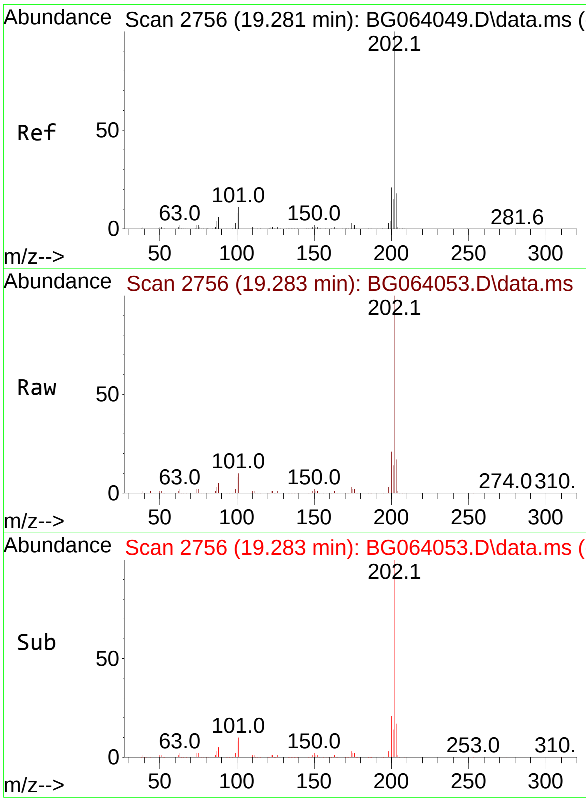


#74
Di-n-butylphthalate
Concen: 44.702 ng
RT: 18.208 min Scan# 2573
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:149 Resp: 565797

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	6.0	5.0	7.6





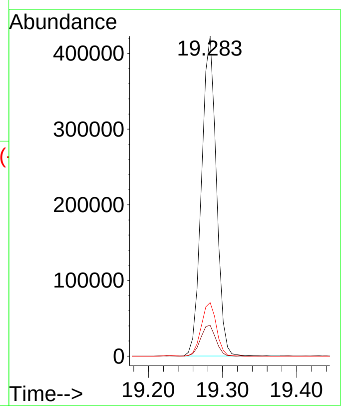
#75
Fluoranthene
Concen: 42.146 ng
RT: 19.283 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

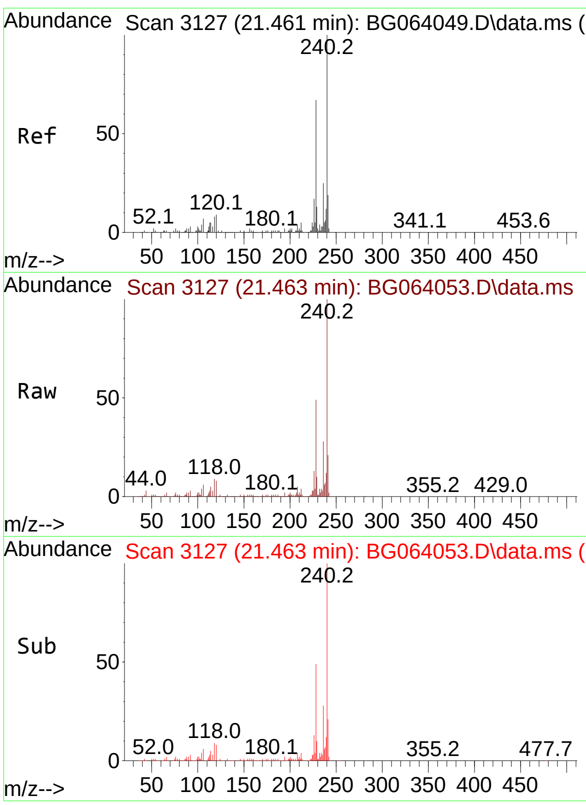
Tgt Ion:202 Resp: 58849

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.5
203	16.8	0.0	38.3

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

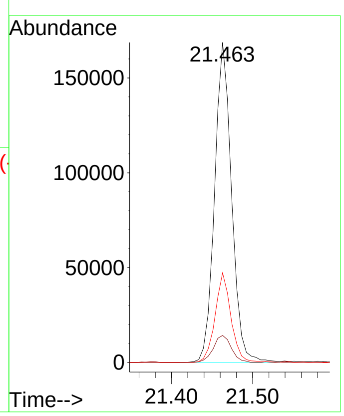




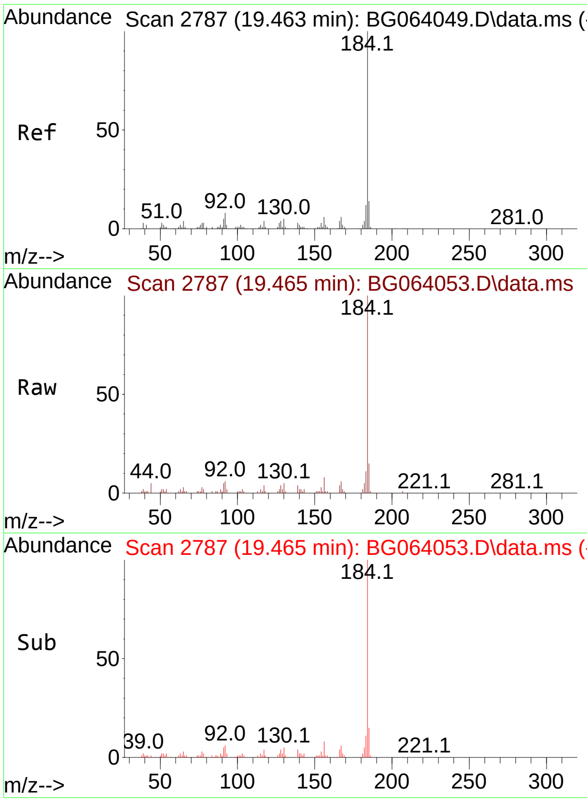
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.463 min Scan# 3127
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:240 Resp: 246166

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.2	10.8
236	28.0	20.2	30.2



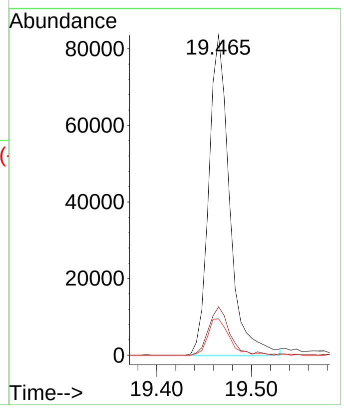
ICAL Form



#77
Benzidine
Concen: 37.383 ng
RT: 19.465 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:184 Resp: 12742

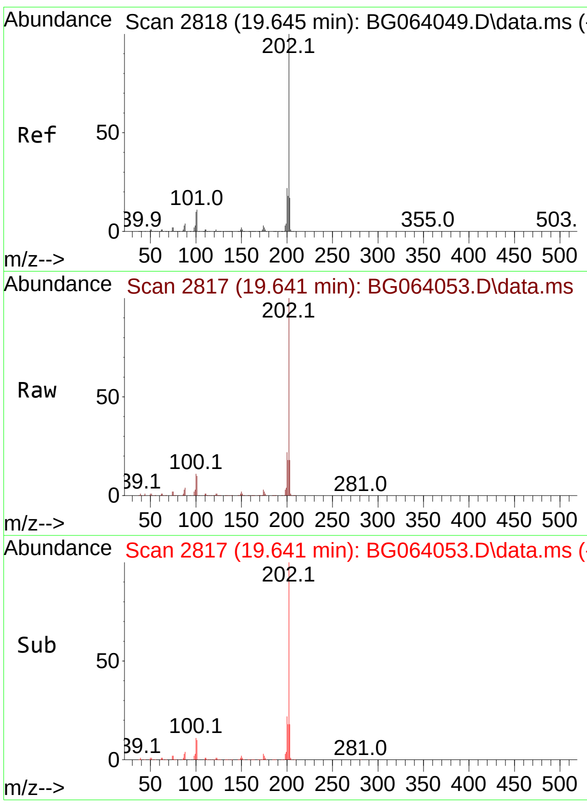
Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.3	16.9
183	11.3	9.5	14.3



Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations APPROVED

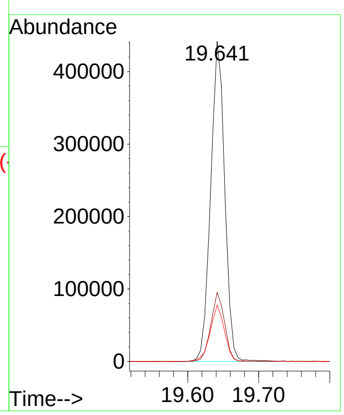
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

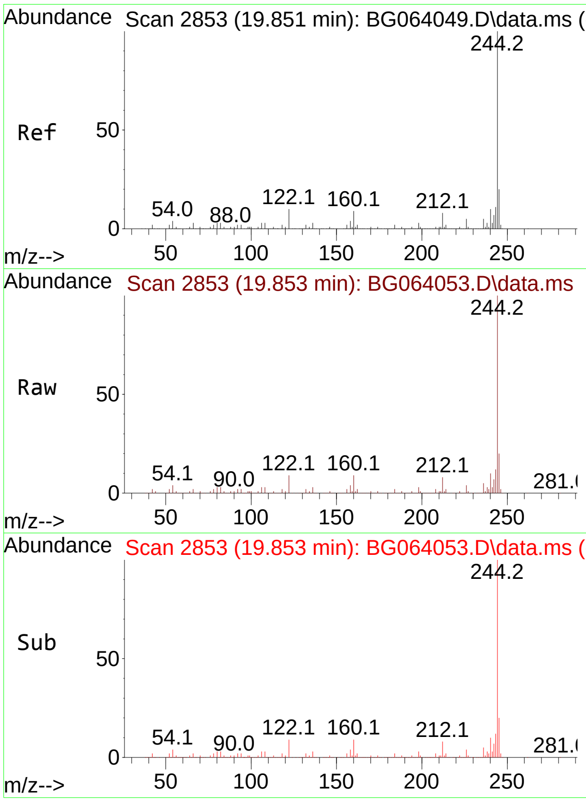


#78
Pyrene
Concen: 38.357 ng
RT: 19.641 min Scan# 2817
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:202 Resp: 608668

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.3	25.9
203	17.6	13.6	20.4





#79
Terphenyl-d14
Concen: 77.284 ng
RT: 19.853 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Tgt Ion:244 Resp: 94088

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	8.9	8.0	12.0

Manual Integrations
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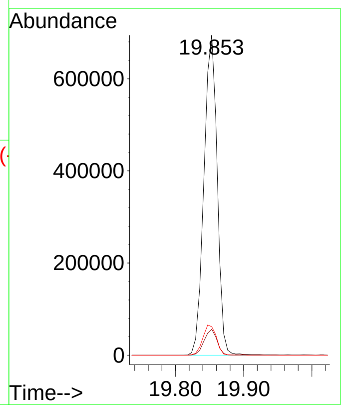
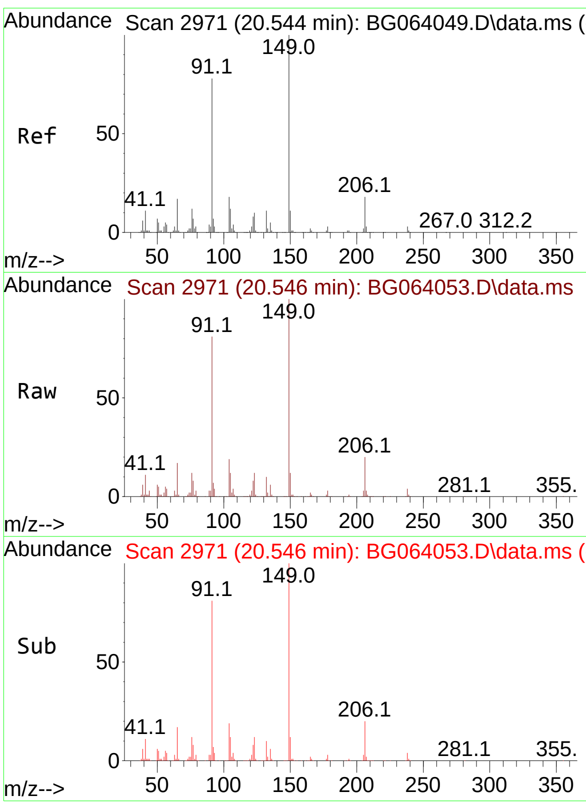
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

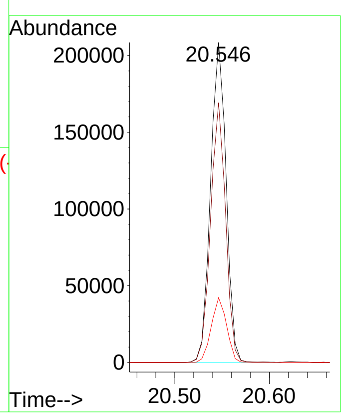




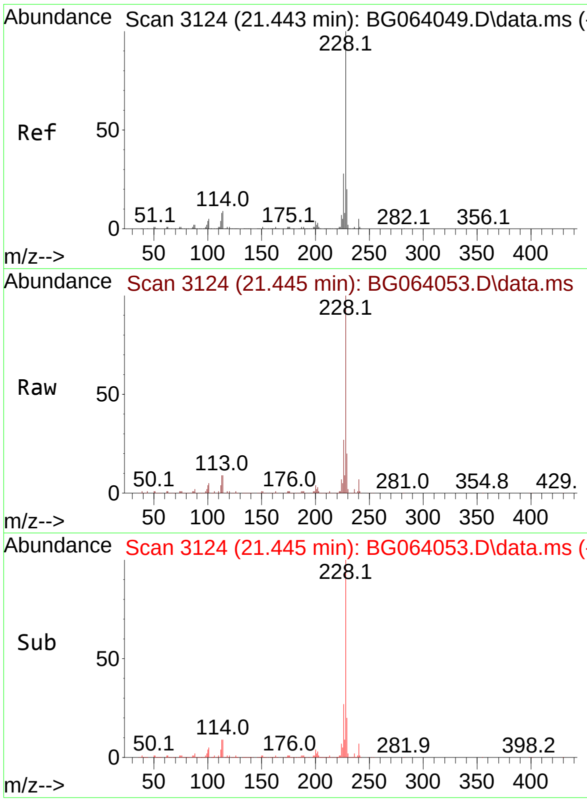
#80
Butylbenzylphthalate
Concen: 40.680 ng
RT: 20.546 min Scan# 2971
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:149 Resp: 238653

Ion	Ratio	Lower	Upper
149	100		
91	81.2	62.0	93.0
206	20.2	14.6	21.8



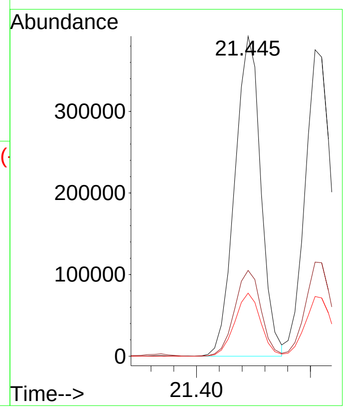
ICAL Form



#81
Benzo(a)anthracene
Concen: 39.598 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:228 Resp: 62440

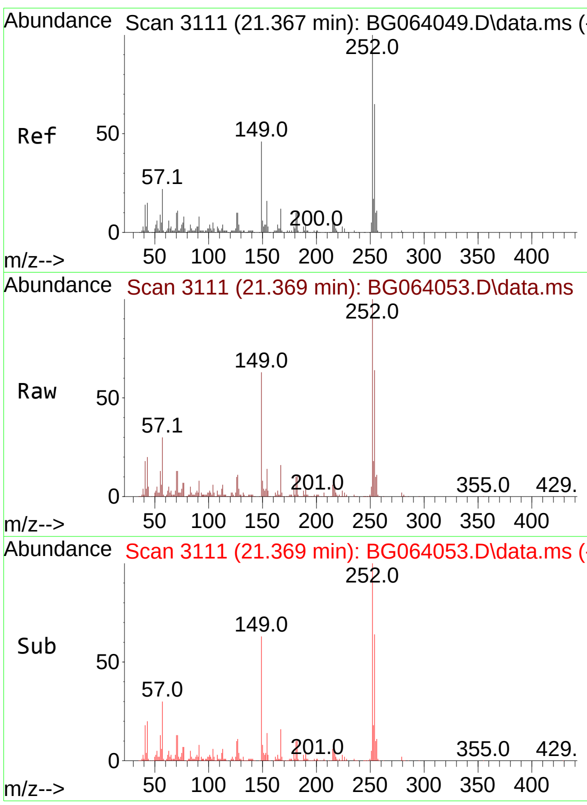
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.2	33.2
229	19.7	16.4	24.6



Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations APPROVED

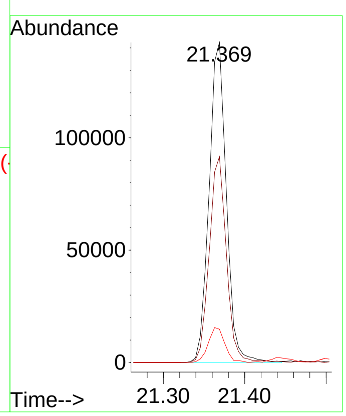
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#82
3,3'-Dichlorobenzidine
Concen: 41.103 ng
RT: 21.369 min Scan# 3111
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:252 Resp: 209761

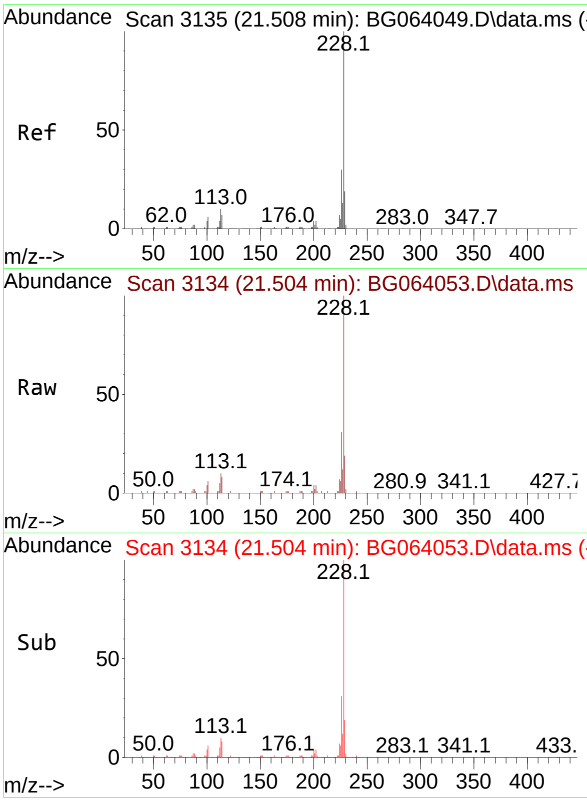
Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.1	78.1
126	10.4	7.8	11.8



ICAL Form

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

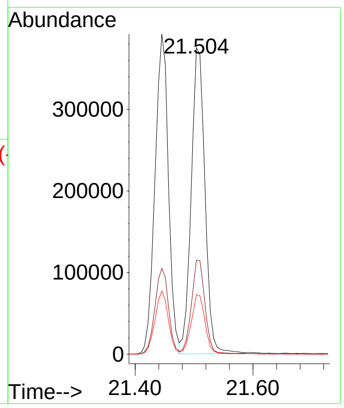
Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

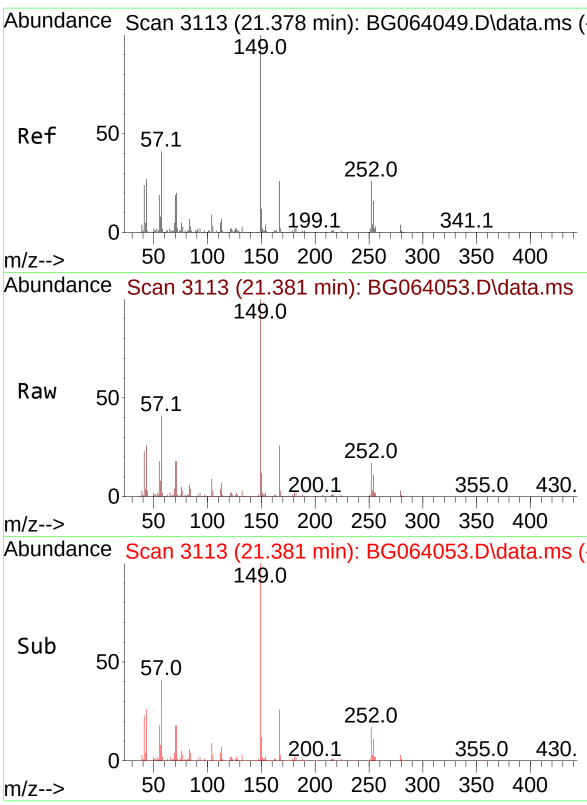


#83
Chrysene
Concen: 38.876 ng
RT: 21.504 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:228 Resp: 61141(

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	19.5	15.3	22.9

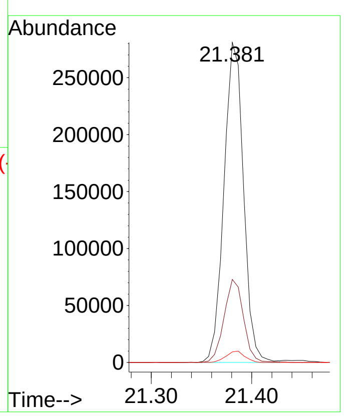




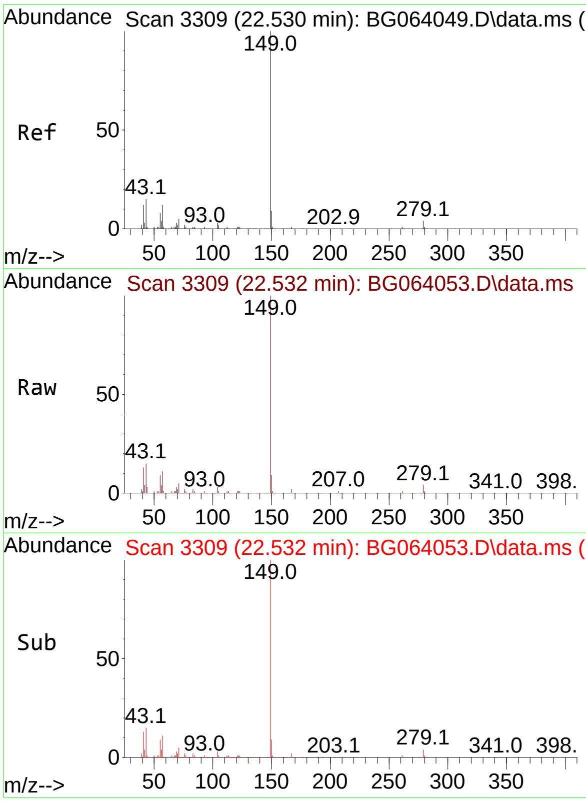
#84
Bis(2-ethylhexyl)phthalate
Concen: 44.551 ng
RT: 21.381 min Scan# 3113
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:149 Resp: 379928

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.6
279	3.3	2.8	4.2



ICAL Form



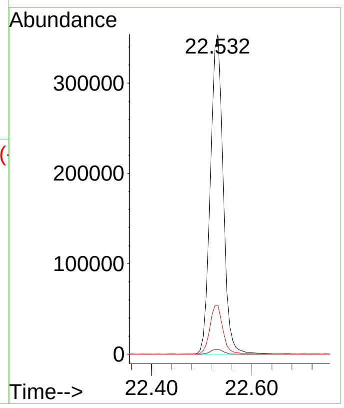
#85
Di-n-octyl phthalate
Concen: 42.688 ng
RT: 22.532 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

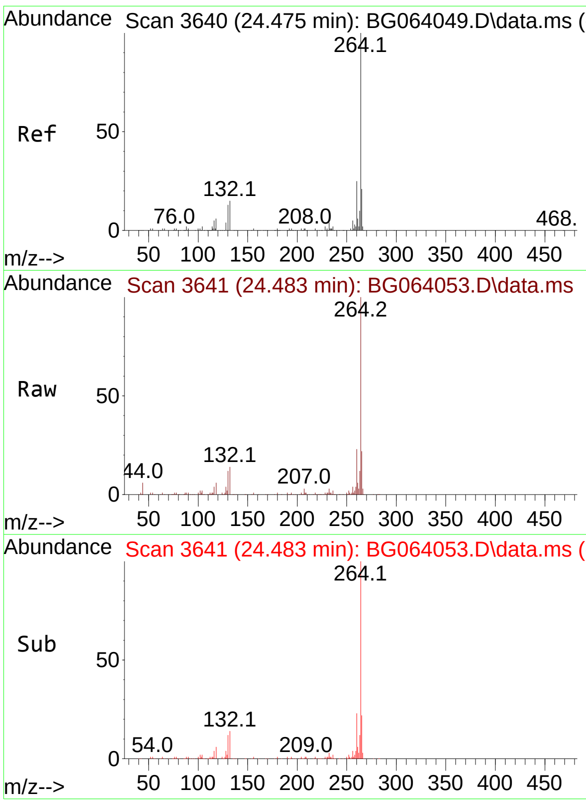
Tgt Ion:149 Resp: 62792

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	15.6	12.6	19.0

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

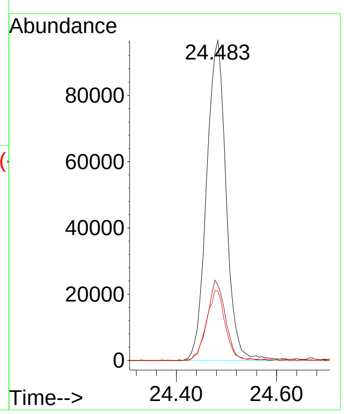




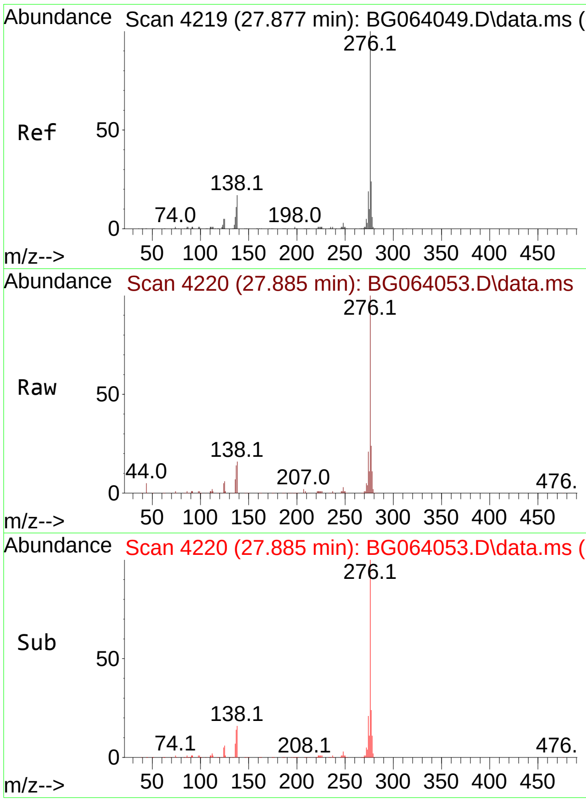
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3641
Delta R.T. 0.008 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:264 Resp: 261789

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.7	16.6	25.0



ICAL Form



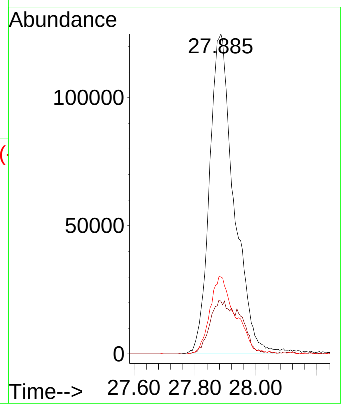
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.918 ng
RT: 27.885 min Scan# 4
Delta R.T. 0.008 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

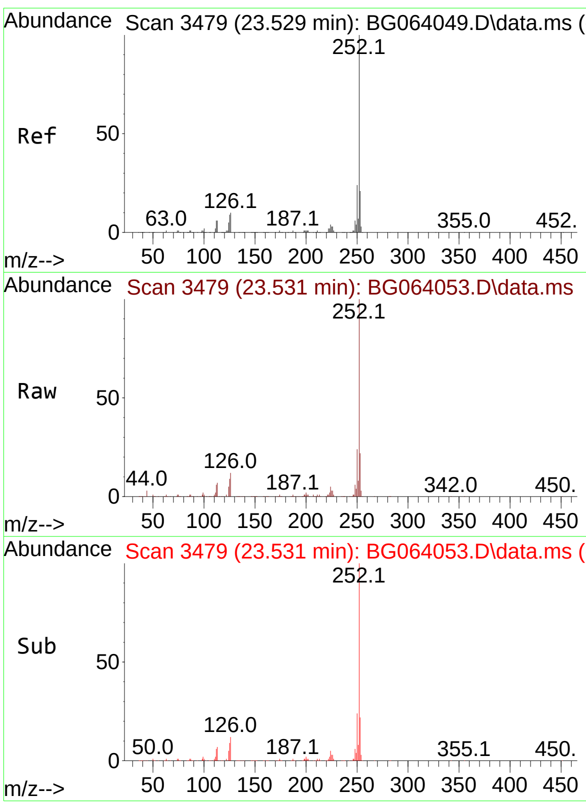
Tgt Ion:276 Resp: 69919

Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.1	18.1
277	25.0	20.0	30.0

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

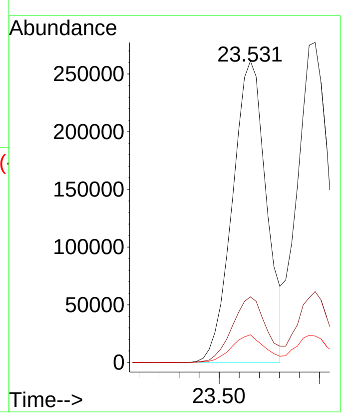


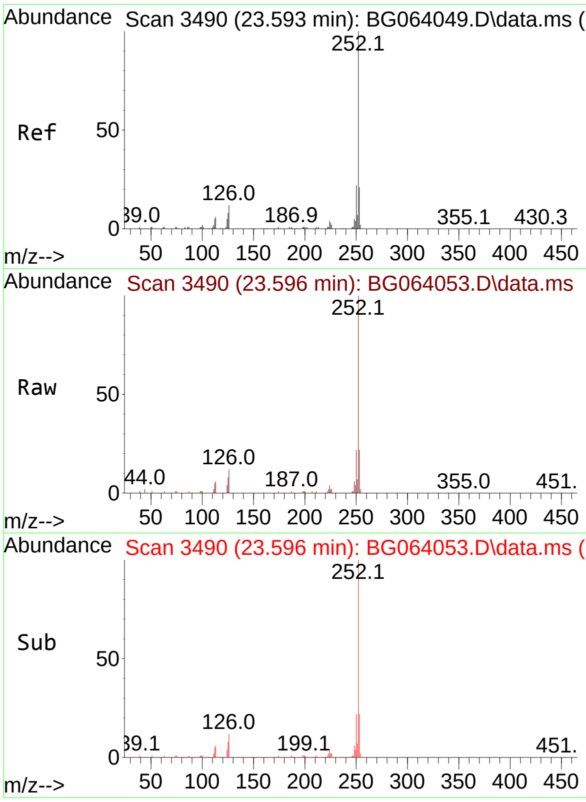


#88
Benzo(b)fluoranthene
Concen: 38.901 ng
RT: 23.531 min Scan# 3479
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:252 Resp: 615644

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	9.2	7.4	11.2





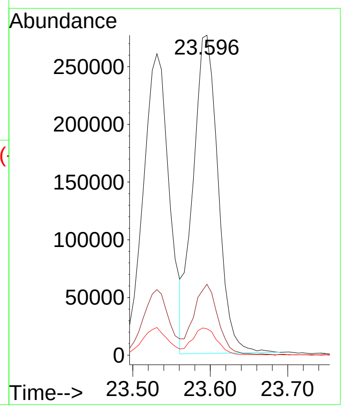
#89
Benzo(k)fluoranthene
Concen: 39.079 ng
RT: 23.596 min Scan# 34
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

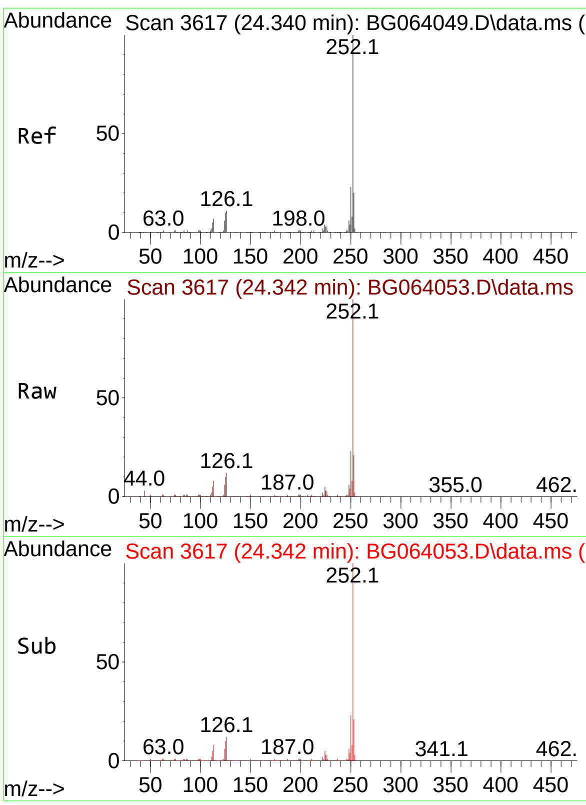
Tgt Ion:252 Resp: 62044

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.8	25.2
125	8.2	6.9	10.3

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

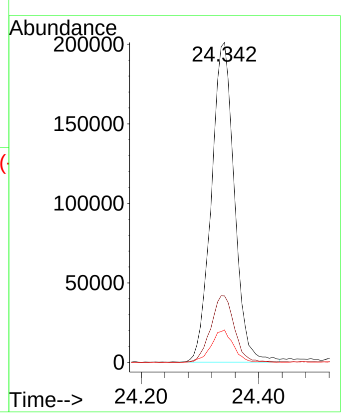


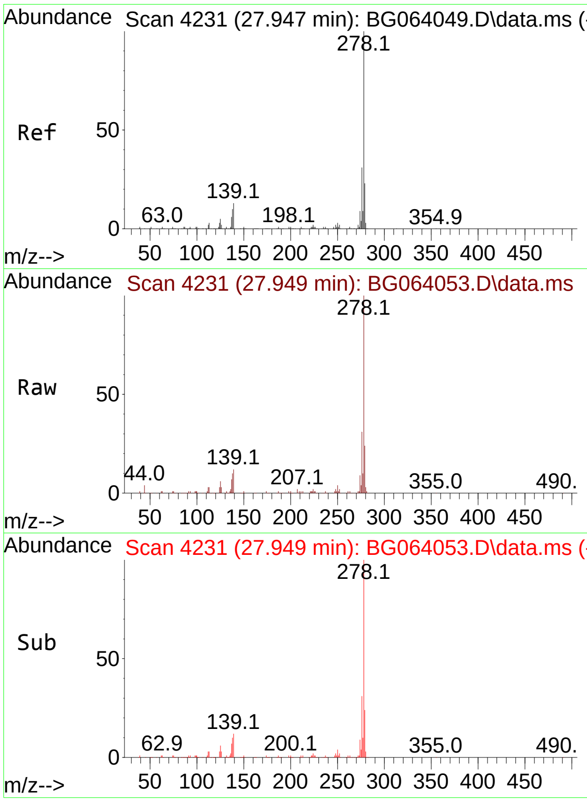


#90
Benzo(a)pyrene
Concen: 38.765 ng
RT: 24.342 min Scan# 3617
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:252 Resp: 546383

Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.2	24.2
125	10.1	7.8	11.6

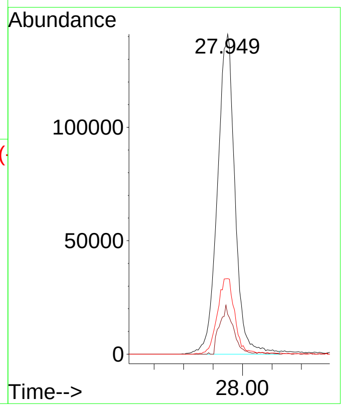




#91
Dibenzo(a,h)anthracene
Concen: 40.162 ng
RT: 27.949 min Scan# 4
Delta R.T. 0.002 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:278 Resp: 58319

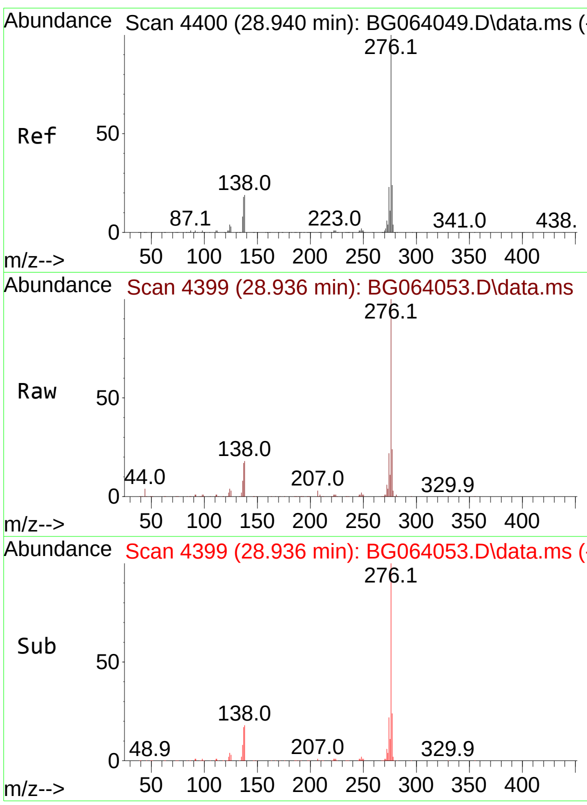
Ion	Ratio	Lower	Upper
278	100		
139	12.5	10.2	15.2
279	23.6	18.1	27.1



Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations APPROVED

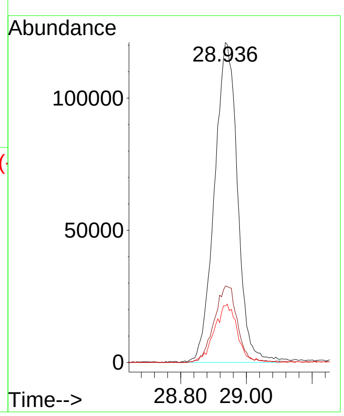
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



#92
Benzo(g,h,i)perylene
Concen: 39.740 ng
RT: 28.936 min Scan# 4399
Delta R.T. -0.004 min
Lab File: BG064053.D
Acq: 5 Mar 2025 15:10

Tgt Ion:276 Resp: 592494

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	17.7	15.4	23.0



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	97	0.00
2		1,4-Dioxane	0.580	0.584	-0.7	97	0.00
3		Pyridine	1.412	1.409	0.2	87	0.00
4		n-Nitrosodimethylamine	1.009	1.008	0.1	92	0.00
5	S	2-Fluorophenol	1.281	1.262	1.5	91	0.00
6		Aniline	1.710	1.605	6.1	86	0.00
7	S	Phenol-d6	1.742	1.644	5.6	86	0.00
8		2-Chlorophenol	1.376	1.321	4.0	89	0.00
9		Benzaldehyde	1.013	0.965	4.7	93	0.00
10	C	Phenol	1.784	1.731	3.0	89	0.00
11		bis(2-Chloroethyl)ether	1.399	1.288	7.9	88	0.00
12		1,3-Dichlorobenzene	1.511	1.393	7.8	88	0.00
13	C	1,4-Dichlorobenzene	1.548	1.420	8.3	87	0.00
14		1,2-Dichlorobenzene	1.493	1.370	8.2	88	0.00
15		Benzyl Alcohol	1.346	1.280	4.9	87	0.00
16		2,2'-oxybis(1-Chloropropane	3.145	2.873	8.6	85	0.00
17		2-Methylphenol	1.184	1.115	5.8	85	0.00
18		Hexachloroethane	0.542	0.534	1.5	90	0.00
19	P	n-Nitroso-di-n-propylamine	1.223	1.090	10.9	80	0.00
20		3+4-Methylphenols	1.630	1.515	7.1	86	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
22		Acetophenone	0.548	0.539	1.6	83	0.00
23	S	Nitrobenzene-d5	0.362	0.381	-5.2	86	0.00
24		Nitrobenzene	0.374	0.395	-5.6	86	0.00
25		Isophorone	0.724	0.685	5.4	80	0.00
26	C	2-Nitrophenol	0.112	0.127	-13.4	91	0.00
27		2,4-Dimethylphenol	0.217	0.218	-0.5	83	0.00
28		bis(2-Chloroethoxy)methane	0.439	0.424	3.4	83	0.00
29	C	2,4-Dichlorophenol	0.274	0.282	-2.9	86	0.00
30		1,2,4-Trichlorobenzene	0.331	0.321	3.0	84	0.00
31		Naphthalene	1.078	1.062	1.5	86	0.00
32		Benzoic acid	0.170	0.178	-4.7	90	-0.02
33		4-Chloroaniline	0.394	0.394	0.0	82	0.00
34	C	Hexachlorobutadiene	0.217	0.215	0.9	86	0.00
35		Caprolactam	0.105	0.111	-5.7	87	-0.02
36	C	4-Chloro-3-methylphenol	0.359	0.356	0.8	83	0.00
37		2-Methylnaphthalene	0.761	0.732	3.8	84	0.00
38		1-Methylnaphthalene	0.746	0.722	3.2	83	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	83	0.00
40		1,2,4,5-Tetrachlorobenzene	0.571	0.566	0.9	80	0.00
41	P	Hexachlorocyclopentadiene	0.161	0.176	-9.3	83	0.00
42	S	2,4,6-Tribromophenol	0.222	0.251	-13.1	86	0.00
43	C	2,4,6-Trichlorophenol	0.337	0.355	-5.3	82	0.00
44		2,4,5-Trichlorophenol	0.374	0.398	-6.4	81	0.00
45	S	2-Fluorobiphenyl	1.318	1.321	-0.2	80	0.00
46		1,1'-Biphenyl	1.511	1.518	-0.5	82	0.00
47		2-Chloronaphthalene	1.102	1.111	-0.8	81	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	0.318	0.367	-15.4	87	0.00
49		Acenaphthylene	1.743	1.767	-1.4	82	0.00
50		Dimethylphthalate	1.476	1.466	0.7	80	0.00
51		2,6-Dinitrotoluene	0.261	0.300	-14.9	85	0.00
52	C	Acenaphthene	1.170	1.182	-1.0	82	0.00
53		3-Nitroaniline	0.285	0.321	-12.6	84	0.00
54	P	2,4-Dinitrophenol	0.102	0.115	-12.7	95	0.00
55		Dibenzofuran	1.895	1.896	-0.1	81	0.00
56	P	4-Nitrophenol	0.239	0.284	-18.8	91	0.00
57		2,4-Dinitrotoluene	0.357	0.428	-19.9	88	0.00
58		Fluorene	1.476	1.491	-1.0	83	0.00
59		2,3,4,6-Tetrachlorophenol	0.365	0.392	-7.4	82	0.00
60		Diethylphthalate	1.603	1.651	-3.0	82	0.00
61		4-Chlorophenyl-phenylether	0.733	0.722	1.5	81	0.00
62		4-Nitroaniline	0.308	0.351	-14.0	84	0.00
63		Azobenzene	1.710	1.716	-0.4	81	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	0.076	0.082	-7.9	93	0.00
66	c	n-Nitrosodiphenylamine	0.566	0.555	1.9	80	0.00
67		4-Bromophenyl-phenylether	0.205	0.204	0.5	81	0.00
68		Hexachlorobenzene	0.229	0.221	3.5	81	0.00
69		Atrazine	0.167	0.161	3.6	84	0.00
70	C	Pentachlorophenol	0.142	0.153	-7.7	86	0.00
71		Phenanthrene	1.067	1.066	0.1	83	0.00
72		Anthracene	1.061	1.068	-0.7	82	0.00
73		Carbazole	0.990	1.036	-4.6	84	0.00
74		Di-n-butylphthalate	1.166	1.303	-11.7	87	0.00
75	C	Fluoranthene	1.286	1.355	-5.4	86	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	90	0.00
77		Benzidine	0.277	0.259	6.5	75	0.00
78		Pyrene	1.289	1.236	4.1	85	0.00
79	S	Terphenyl-d14	0.989	0.956	3.3	86	0.00
80		Butylbenzylphthalate	0.423	0.485	-14.7	94	0.00
81		Benzo(a)anthracene	1.281	1.268	1.0	88	0.00
82		3,3'-Dichlorobenzidine	0.415	0.426	-2.7	86	0.00
83		Chrysene	1.278	1.242	2.8	86	0.00
84		Bis(2-ethylhexyl)phthalate	0.693	0.772	-11.4	92	0.00
85	c	Di-n-octyl phthalate	1.195	1.275	-6.7	93	0.00
86	I	Perylene-d12	1.000	1.000	0.0	90	0.00
87		Indeno(1,2,3-cd)pyrene	1.338	1.335	0.2	88	0.00
88		Benzo(b)fluoranthene	1.209	1.176	2.7	87	0.00
89		Benzo(k)fluoranthene	1.213	1.185	2.3	85	0.00
90	C	Benzo(a)pyrene	1.077	1.044	3.1	85	0.00
91		Dibenzo(a,h)anthracene	1.109	1.114	-0.5	89	0.00
92		Benzo(g,h,i)perylene	1.139	1.132	0.6	89	0.00

Evaluate Continuing Calibration Report

ICAL Form

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On    :  5 Mar 2025  15:10
Operator  : RC/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration
```

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

```
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
```

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	97	0.00
2		1,4-Dioxane	40.000	40.218	-0.5	97	0.00
3		Pyridine	40.000	39.931	0.2	87	0.00
4		n-Nitrosodimethylamine	40.000	39.980	0.1	92	0.00
5	S	2-Fluorophenol	80.000	78.823	1.5	91	0.00
6		Aniline	40.000	37.544	6.1	86	0.00
7	S	Phenol-d6	80.000	75.496	5.6	86	0.00
8		2-Chlorophenol	40.000	38.417	4.0	89	0.00
9		Benzaldehyde	40.000	38.087	4.8	93	0.00
10	C	Phenol	40.000	38.806	3.0	89	0.00
11		bis(2-Chloroethyl)ether	40.000	36.822	7.9	88	0.00
12		1,3-Dichlorobenzene	40.000	36.876	7.8	88	0.00
13	C	1,4-Dichlorobenzene	40.000	36.676	8.3	87	0.00
14		1,2-Dichlorobenzene	40.000	36.695	8.3	88	0.00
15		Benzyl Alcohol	40.000	38.023	4.9	87	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.540	8.7	85	0.00
17		2-Methylphenol	40.000	37.680	5.8	85	0.00
18		Hexachloroethane	40.000	39.404	1.5	90	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	35.648	10.9	80	0.00
20		3+4-Methylphenols	40.000	37.166	7.1	86	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	87	0.00
22		Acetophenone	40.000	39.285	1.8	83	0.00
23	S	Nitrobenzene-d5	80.000	84.279	-5.3	86	0.00
24		Nitrobenzene	40.000	42.208	-5.5	86	0.00
25		Isophorone	40.000	37.823	5.4	80	0.00
26	C	2-Nitrophenol	40.000	40.946	-2.4	91	0.00
27		2,4-Dimethylphenol	40.000	40.139	-0.3	83	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.620	3.5	83	0.00
29	C	2,4-Dichlorophenol	40.000	41.154	-2.9	86	0.00
30		1,2,4-Trichlorobenzene	40.000	38.802	3.0	84	0.00
31		Naphthalene	40.000	39.402	1.5	86	0.00
32		Benzoic acid	40.000	37.906	5.2	90	-0.02
33		4-Chloroaniline	40.000	39.949	0.1	82	0.00
34	C	Hexachlorobutadiene	40.000	39.720	0.7	86	0.00
35		Caprolactam	40.000	42.084	-5.2	87	-0.02
36	C	4-Chloro-3-methylphenol	40.000	39.649	0.9	83	0.00
37		2-Methylnaphthalene	40.000	38.463	3.8	84	0.00
38		1-Methylnaphthalene	40.000	38.724	3.2	83	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	83	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.630	0.9	80	0.00
41	P	Hexachlorocyclopentadiene	40.000	43.873	-9.7	83	0.00
42	S	2,4,6-Tribromophenol	80.000	90.311	-12.9	86	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.165	-5.4	82	0.00
44		2,4,5-Trichlorophenol	40.000	42.561	-6.4	81	0.00
45	S	2-Fluorobiphenyl	80.000	80.186	-0.2	80	0.00
46		1,1'-Biphenyl	40.000	40.196	-0.5	82	0.00
47		2-Chloronaphthalene	40.000	40.309	-0.8	81	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	41.405	-3.5	87	0.00
49	Acenaphthylene	40.000	40.537	-1.3	82	0.00
50	Dimethylphthalate	40.000	39.712	0.7	80	0.00
51	2,6-Dinitrotoluene	40.000	40.625	-1.6	85	0.00
52 C	Acenaphthene	40.000	40.428	-1.1	82	0.00
53	3-Nitroaniline	40.000	45.042	-12.6	84	0.00
54 P	2,4-Dinitrophenol	40.000	41.197	-3.0	95	0.00
55	Dibenzofuran	40.000	40.014	-0.0	81	0.00
56 P	4-Nitrophenol	40.000	47.537	-18.8	91	0.00
57	2,4-Dinitrotoluene	40.000	41.944	-4.9	88	0.00
58	Fluorene	40.000	40.403	-1.0	83	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	43.068	-7.7	82	0.00
60	Diethylphthalate	40.000	41.198	-3.0	82	0.00
61	4-Chlorophenyl-phenylether	40.000	39.367	1.6	81	0.00
62	4-Nitroaniline	40.000	45.576	-13.9	84	0.00
63	Azobenzene	40.000	40.137	-0.3	81	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	84	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.817	0.5	93	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.248	1.9	80	0.00
67	4-Bromophenyl-phenylether	40.000	39.772	0.6	81	0.00
68	Hexachlorobenzene	40.000	38.611	3.5	81	0.00
69	Atrazine	40.000	38.607	3.5	84	0.00
70 C	Pentachlorophenol	40.000	43.019	-7.5	86	0.00
71	Phenanthrene	40.000	39.978	0.1	83	0.00
72	Anthracene	40.000	40.280	-0.7	82	0.00
73	Carbazole	40.000	41.831	-4.6	84	0.00
74	Di-n-butylphthalate	40.000	44.702	-11.8	87	0.00
75 C	Fluoranthene	40.000	42.146	-5.4	86	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	90	0.00
77	Benzidine	40.000	37.383	6.5	75	0.00
78	Pyrene	40.000	38.357	4.1	85	0.00
79 S	Terphenyl-d14	80.000	77.284	3.4	86	0.00
80	Butylbenzylphthalate	40.000	40.680	-1.7	94	0.00
81	Benzo(a)anthracene	40.000	39.598	1.0	88	0.00
82	3,3'-Dichlorobenzidine	40.000	41.103	-2.8	86	0.00
83	Chrysene	40.000	38.876	2.8	86	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	44.551	-11.4	92	0.00
85 c	Di-n-octyl phthalate	40.000	42.688	-6.7	93	0.00
86 I	Perylene-d12	20.000	20.000	0.0	90	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.918	0.2	88	0.00
88	Benzo(b)fluoranthene	40.000	38.901	2.7	87	0.00
89	Benzo(k)fluoranthene	40.000	39.079	2.3	85	0.00
90 C	Benzo(a)pyrene	40.000	38.765	3.1	85	0.00
91	Dibenzo(a,h)anthracene	40.000	40.162	-0.4	89	0.00
92	Benzo(g,h,i)perylene	40.000	39.740	0.6	89	0.00

ICAL Form

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On    :  5 Mar 2025  15:10
Operator  : RC/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration
```

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

```
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: ENTA05

Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523 SDG No.: Q1523

Instrument ID: BNA_F Calibration Date/Time: 03/11/2025 11:51

Lab File ID: BF141910.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

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

COMPOUND	$\overline{RRF}$	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.232	1.195		-3.0	
2-Fluorophenol	1.198	1.135		-5.3	
Phenol-d6	1.526	1.442		-5.5	
1,4-Dichlorobenzene	1.452	1.395		-3.9	20.0
2-Methylphenol	1.057	1.011		-4.4	
3+4-Methylphenols	1.354	1.288		-4.9	
Nitrobenzene-d5	0.355	0.347		-2.3	
Hexachloroethane	0.544	0.529		-2.8	
Nitrobenzene	0.353	0.343		-2.8	
Hexachlorobutadiene	0.213	0.209		-1.9	20.0
2,4,6-Trichlorophenol	0.398	0.399		0.3	20.0
2-Fluorobiphenyl	1.315	1.239		-5.8	
2,4,5-Trichlorophenol	0.403	0.389		-3.5	
2,4-Dinitrotoluene	0.381	0.381		0.0	
2,4,6-Tribromophenol	0.254	0.255		0.4	
Hexachlorobenzene	0.275	0.273		-0.7	
Pentachlorophenol	0.170	0.172		1.2	20.0
Terphenyl-d14	1.353	1.336		-1.3	

All other compounds must meet a minimum RRF of 0.010.

Sample Results: **BF141910.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141910.D
Acq On : 11 Mar 2025 11:51
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 11 12:36:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	212930	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	840081	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	479107	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	819898	20.000	ng	0.00
76) Chrysene-d12	14.039	240	519479	20.000	ng	0.00
86) Perylene-d12	15.509	264	442953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	966380	75.745	ng	0.00
7) Phenol-d6	6.504	99	1228433	75.624	ng	0.00
23) Nitrobenzene-d5	7.445	82	1166556	78.146	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	488429	80.359	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2374971	75.388	ng	0.00
79) Terphenyl-d14	12.986	244	2775945	79.004	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	207900	38.891	ng	99
3) Pyridine	3.434	79	509090	38.824	ng	99
4) n-Nitrosodimethylamine	3.393	42	242195	38.747	ng	98
6) Aniline	6.545	93	619097	38.634	ng	100
8) 2-Chlorophenol	6.669	128	542074	38.309	ng	99
9) Benzaldehyde	6.434	77	337776	37.180	ng	100
10) Phenol	6.516	94	651072	38.098	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	484388	37.748	ng	100
12) 1,3-Dichlorobenzene	6.822	146	582982	38.163	ng	100
13) 1,4-Dichlorobenzene	6.898	146	594118	38.438	ng	100
14) 1,2-Dichlorobenzene	7.051	146	554766	38.106	ng	99
15) Benzyl Alcohol	7.022	79	506215	38.547	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	568739	36.712	ng	99
17) 2-Methylphenol	7.128	107	430396	38.255	ng	99
18) Hexachloroethane	7.392	117	225190	38.853	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	387430	37.118	ng	100
20) 3+4-Methylphenols	7.281	107	548388	38.055	ng	98
22) Acetophenone	7.292	105	763464	37.949	ng	99
24) Nitrobenzene	7.463	77	576817	38.869	ng	100
25) Isophorone	7.704	82	1009454	38.255	ng	100
26) 2-Nitrophenol	7.775	139	298908	41.039	ng	98
27) 2,4-Dimethylphenol	7.810	122	392258	39.112	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	629638	38.044	ng	100
29) 2,4-Dichlorophenol	8.016	162	481689	38.695	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	529203	38.575	ng	98
31) Naphthalene	8.186	128	1643492	38.085	ng	100
32) Benzoic acid	7.928	122	369497	41.912	ng	98
33) 4-Chloroaniline	8.233	127	585849	38.457	ng	99
34) Hexachlorobutadiene	8.304	225	351479	39.286	ng	98
35) Caprolactam	8.604	113	144643	38.112	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	534161	38.467	ng	99
37) 2-Methylnaphthalene	8.875	142	1115480	38.672	ng	100
38) 1-Methylnaphthalene	8.975	142	1060457	38.099	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	568573	38.978	ng	98
41) Hexachlorocyclopentadiene	9.028	237	230480	40.373	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	382004	40.071	ng	99

Sample Results: **BF141910.D**

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141910.D
Acq On    : 11 Mar 2025  11:51
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 11 12:36:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration
```

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	372824	38.614	ng	100
46) 1,1'-Biphenyl	9.339	154	1402423	38.525	ng	100
47) 2-Chloronaphthalene	9.363	162	1049133	38.666	ng	99
48) 2-Nitroaniline	9.457	65	307247	39.109	ng	99
49) Acenaphthylene	9.780	152	1554840	38.616	ng	100
50) Dimethylphthalate	9.639	163	1283810	38.265	ng	100
51) 2,6-Dinitrotoluene	9.698	165	279974	40.079	ng	97
52) Acenaphthene	9.951	154	1091559	38.576	ng	99
53) 3-Nitroaniline	9.869	138	277307	39.135	ng	98
54) 2,4-Dinitrophenol	9.969	184	136926	38.237	ng	91
55) Dibenzofuran	10.122	168	1548206	38.292	ng	100
56) 4-Nitrophenol	10.016	139	212052	39.683	ng	99
57) 2,4-Dinitrotoluene	10.104	165	364725	39.975	ng	100
58) Fluorene	10.469	166	1187102	38.073	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	351000	39.950	ng	98
60) Diethylphthalate	10.339	149	1281977	38.320	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	629512	38.726	ng	98
62) 4-Nitroaniline	10.480	138	268529	38.925	ng	99
63) Azobenzene	10.616	77	1194591	38.408	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	195453	39.988	ng	99
66) n-Nitrosodiphenylamine	10.574	169	1014883	38.251	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	401588	39.001	ng	100
68) Hexachlorobenzene	11.010	284	448381	39.703	ng	99
69) Atrazine	11.098	200	299767	36.855	ng	100
70) Pentachlorophenol	11.204	266	282858	40.651	ng	99
71) Phenanthrene	11.427	178	1684816	38.045	ng	100
72) Anthracene	11.480	178	1690241	38.043	ng	100
73) Carbazole	11.633	167	1449478	37.829	ng	100
74) Di-n-butylphthalate	11.963	149	1929199	37.945	ng	100
75) Fluoranthene	12.616	202	1750151	37.256	ng	100
77) Benzidine	12.733	184	392482	54.153	ng	99
78) Pyrene	12.845	202	1726338	38.418	ng	100
80) Butylbenzylphthalate	13.463	149	695571	39.548	ng	98
81) Benzo(a)anthracene	14.027	228	1266188	37.144	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	380363	38.611	ng	98
83) Chrysene	14.068	228	1214561	39.306	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	956586	39.447	ng	99
85) Di-n-octyl phthalate	14.633	149	1358481	40.262	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1098821	38.348	ng	99
88) Benzo(b)fluoranthene	15.080	252	1084408	35.721	ng	100
89) Benzo(k)fluoranthene	15.109	252	1011237	38.924	ng	99
90) Benzo(a)pyrene	15.445	252	903590	38.039	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	904778	38.270	ng	99
92) Benzo(g,h,i)perylene	17.445	276	885987	37.923	ng	99

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

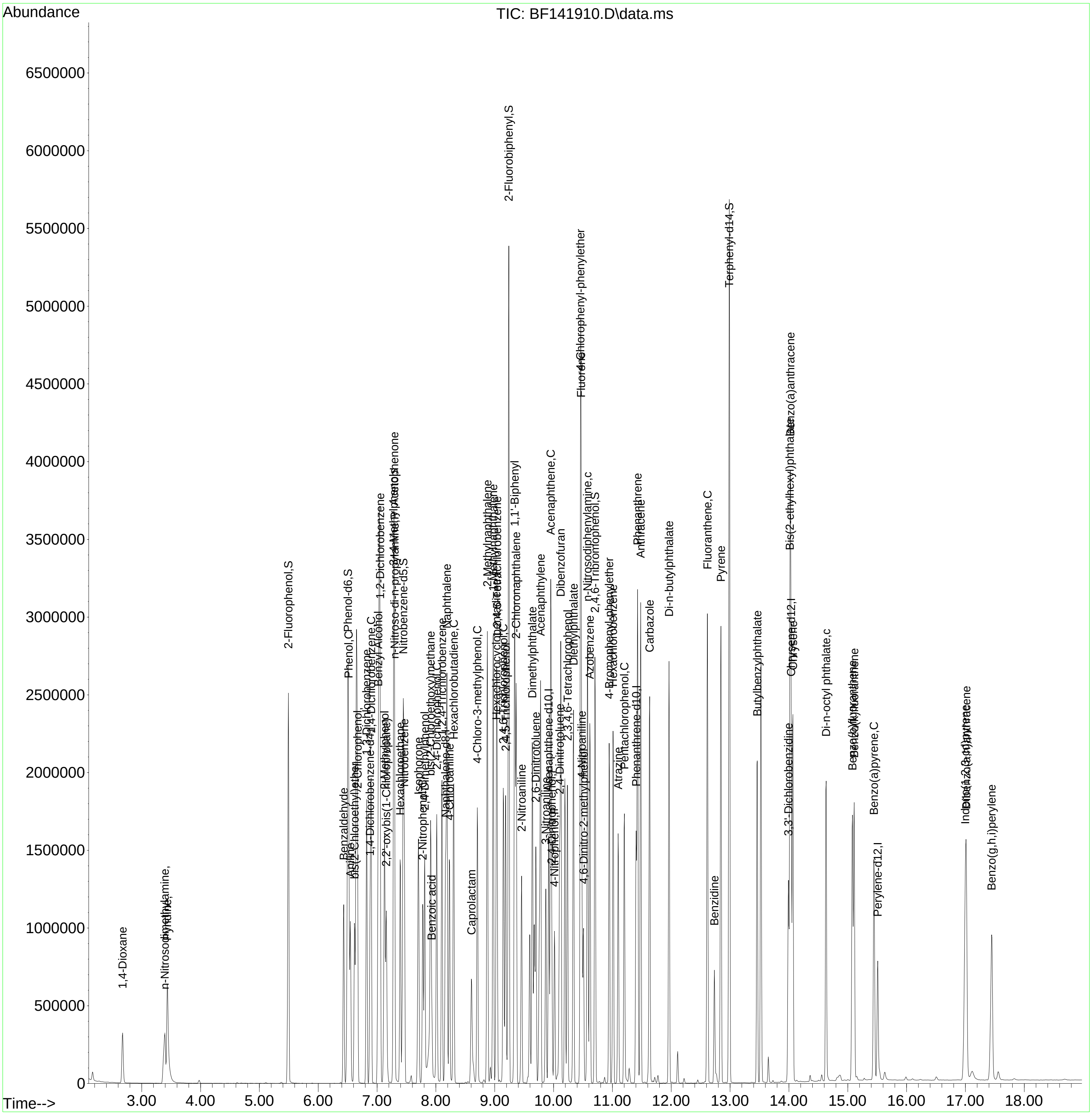
Quantitation Report (QT Reviewed)

Sample Results: **BF141910.D**

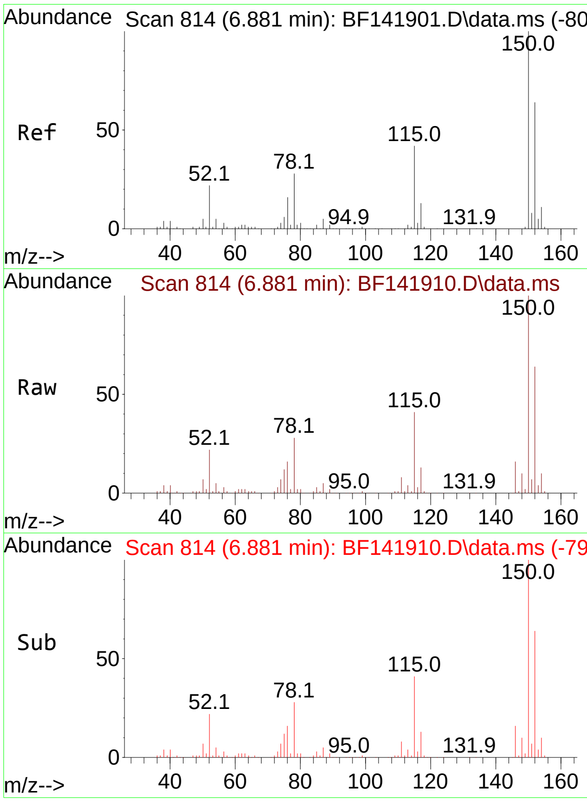
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141910.D
Acq On : 11 Mar 2025 11:51
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 11 12:36:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



Sample Results: **BF141910.D**

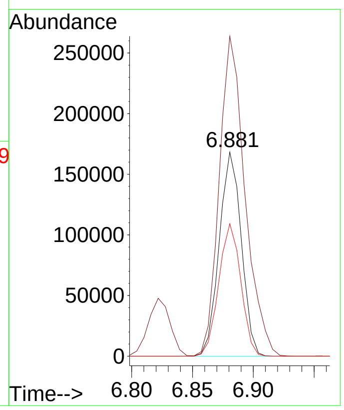


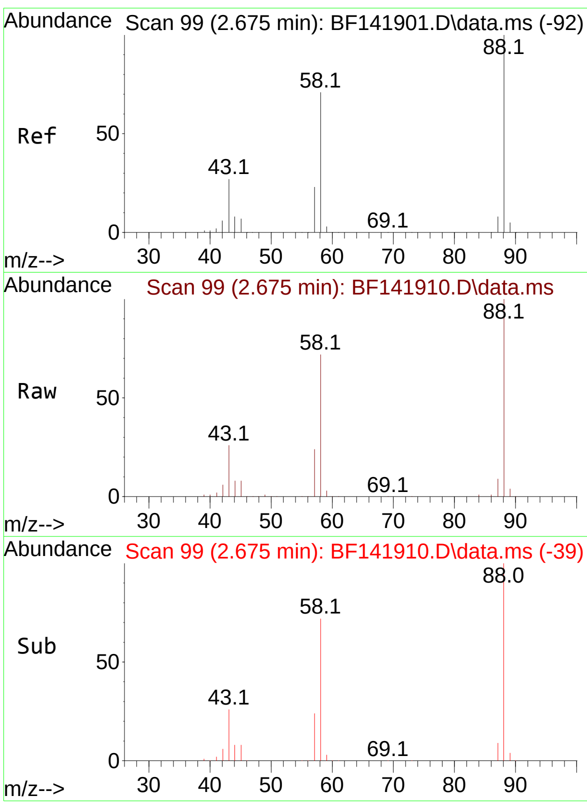
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 212930

Ion	Ratio	Lower	Upper
152	100		
150	156.7	127.4	191.2
115	64.9	51.9	77.9

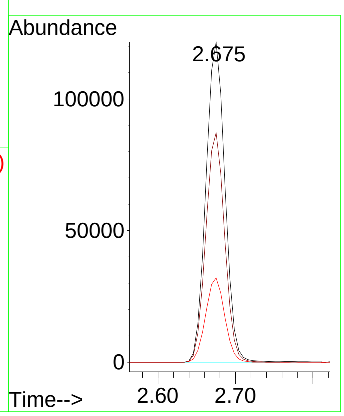




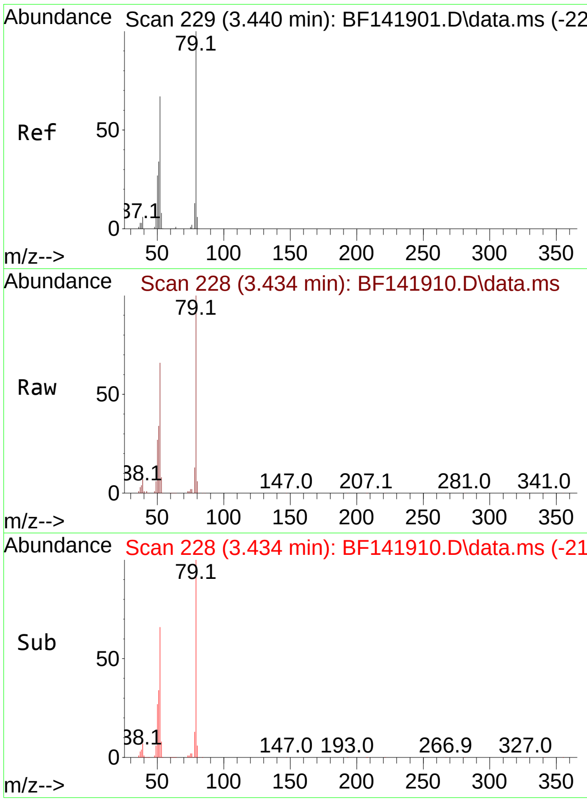
#2
1,4-Dioxane
Concen: 38.891 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion: 88 Resp: 207900

Ion	Ratio	Lower	Upper
88	100		
58	71.0	57.4	86.2
43	26.5	21.5	32.3



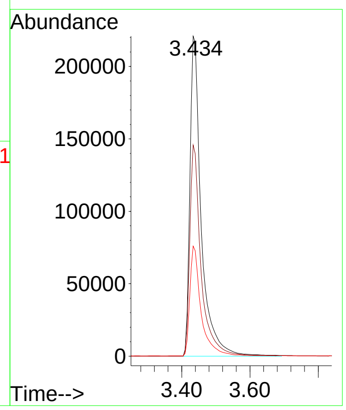
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

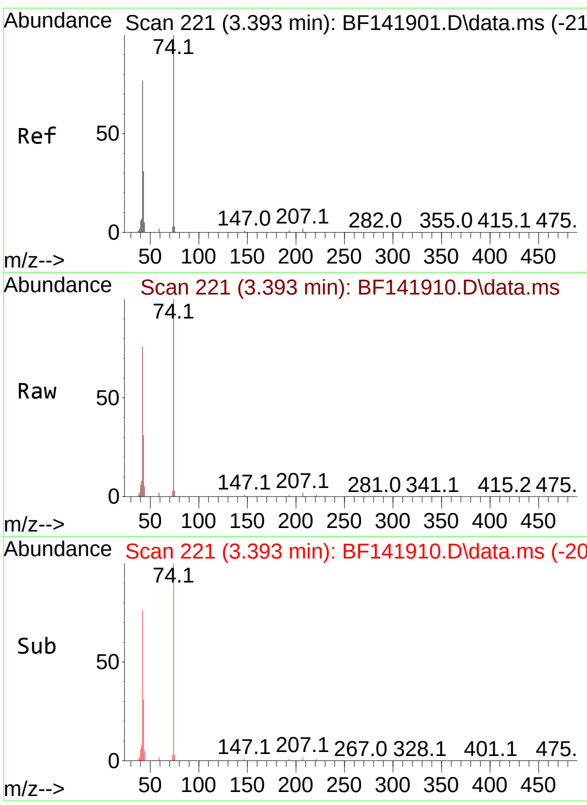


#3
Pyridine
Concen: 38.824 ng
RT: 3.434 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion: 79 Resp: 509090

Ion	Ratio	Lower	Upper
79	100		
52	66.0	53.3	79.9
51	34.4	27.6	41.4

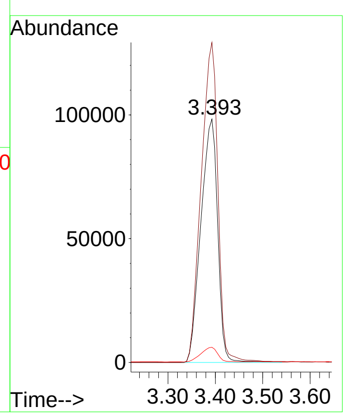




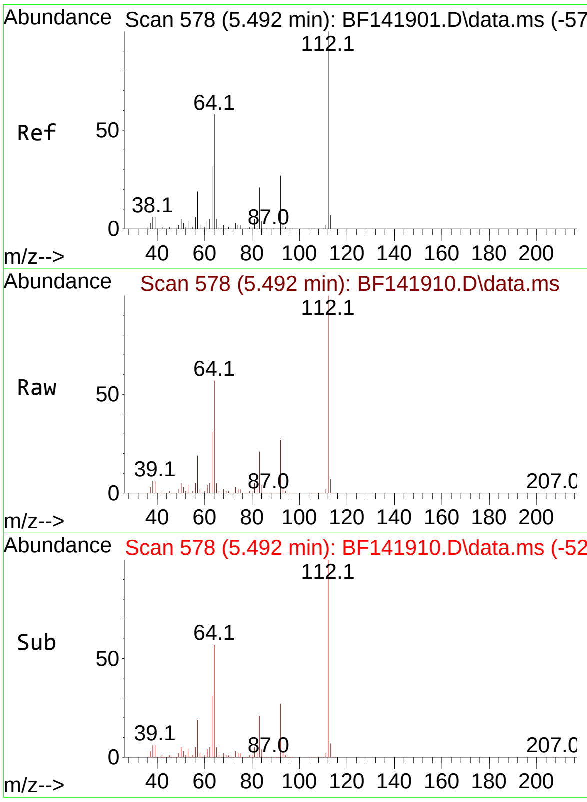
#4
n-Nitrosodimethylamine
Concen: 38.747 ng
RT: 3.393 min Scan# 221
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion: 42 Resp: 242195

Ion	Ratio	Lower	Upper
42	100		
74	131.5	103.4	155.0
44	6.2	5.0	7.4



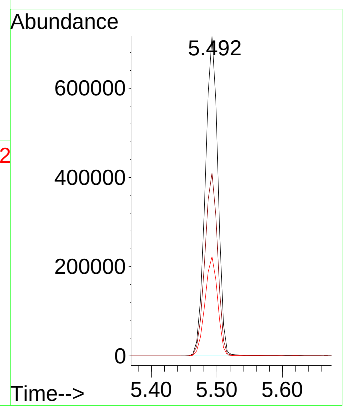
Instrument : BNA_F
ClientSampleId : SSTDCCC040

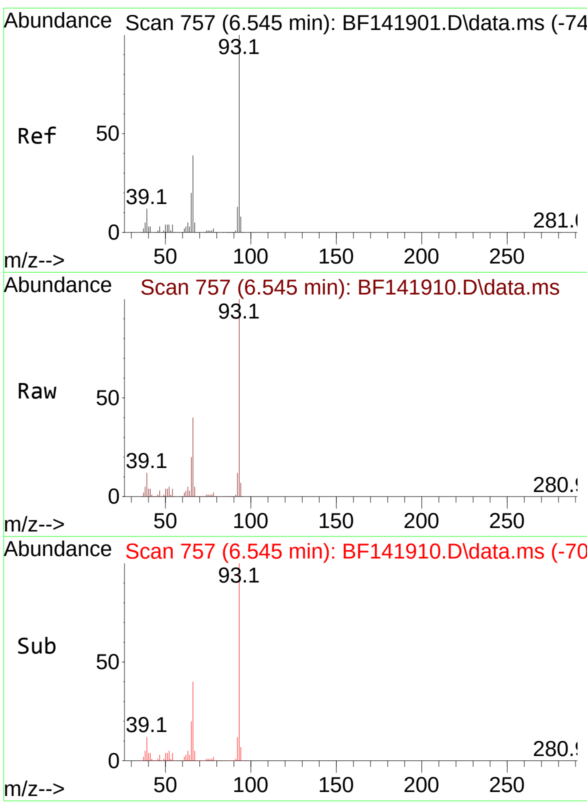


#5
2-Fluorophenol
Concen: 75.745 ng
RT: 5.492 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:112 Resp: 966380

Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.5	69.7
63	31.0	25.4	38.2

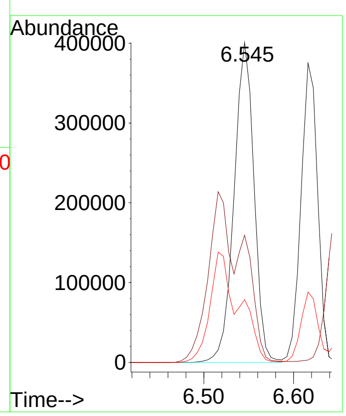




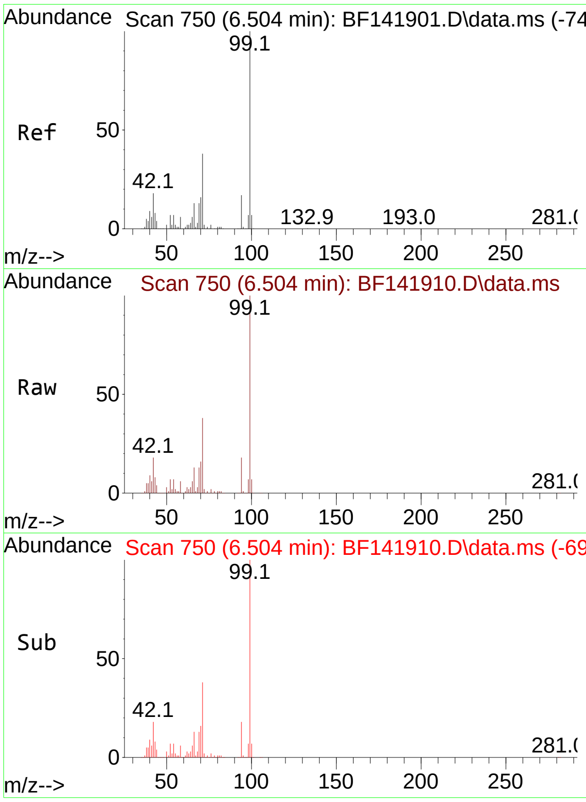
#6
Aniline
Concen: 38.634 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion: 93 Resp: 619097

Ion	Ratio	Lower	Upper
93	100		
66	39.7	31.9	47.9
65	19.6	15.8	23.6



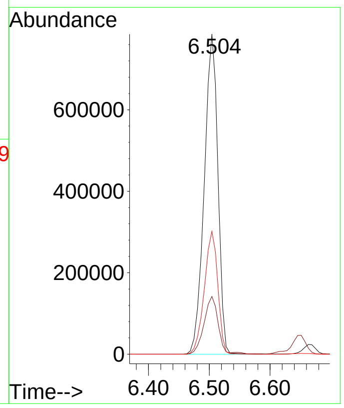
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

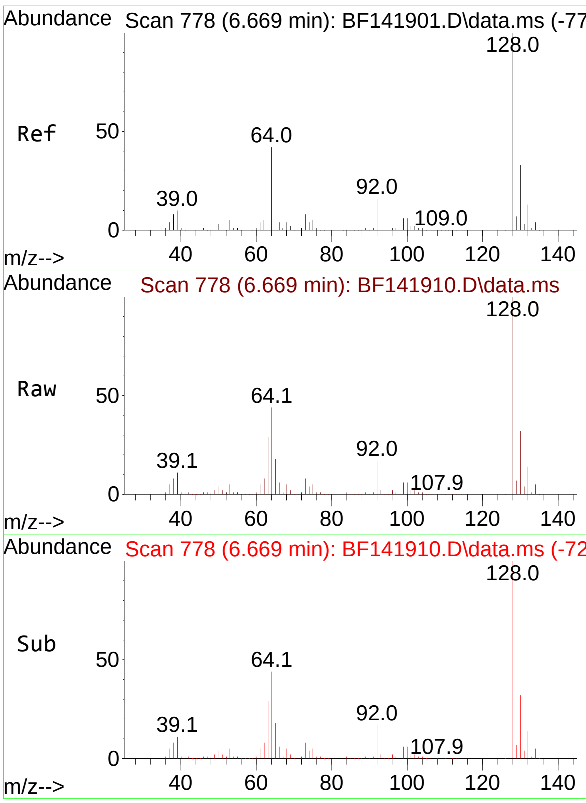


#7
Phenol-d6
Concen: 75.624 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion: 99 Resp: 1228433

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.6	21.8
71	38.4	30.8	46.2

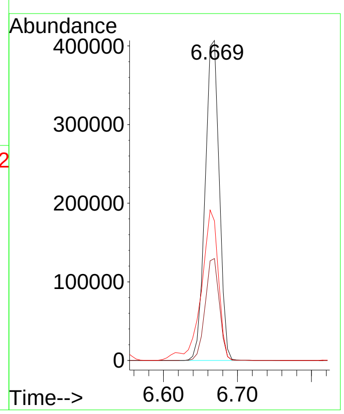


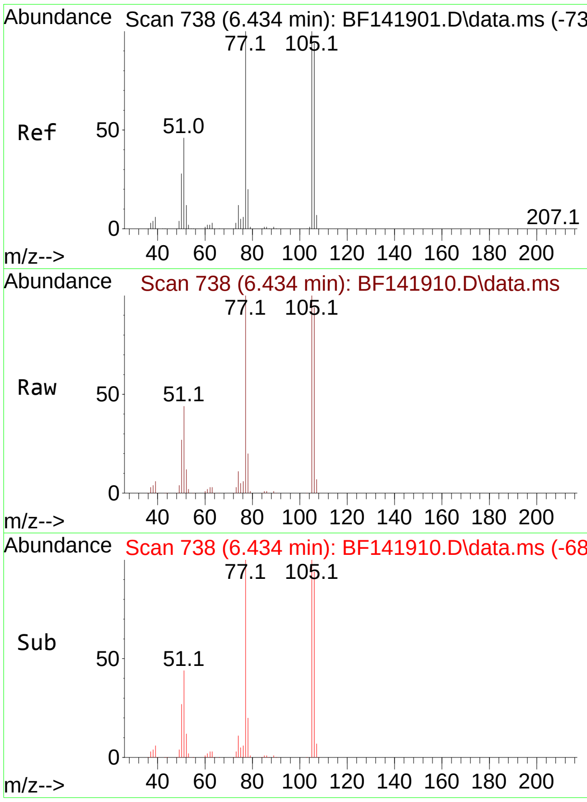


#8
2-Chlorophenol
Concen: 38.309 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:128 Resp: 542074

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.8	52.8
64	43.6	24.4	64.4



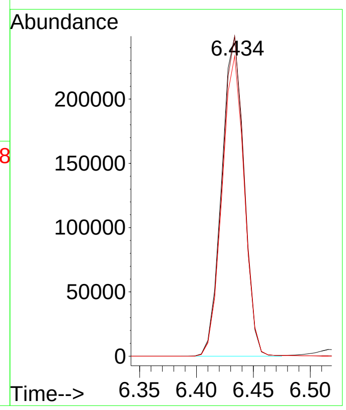


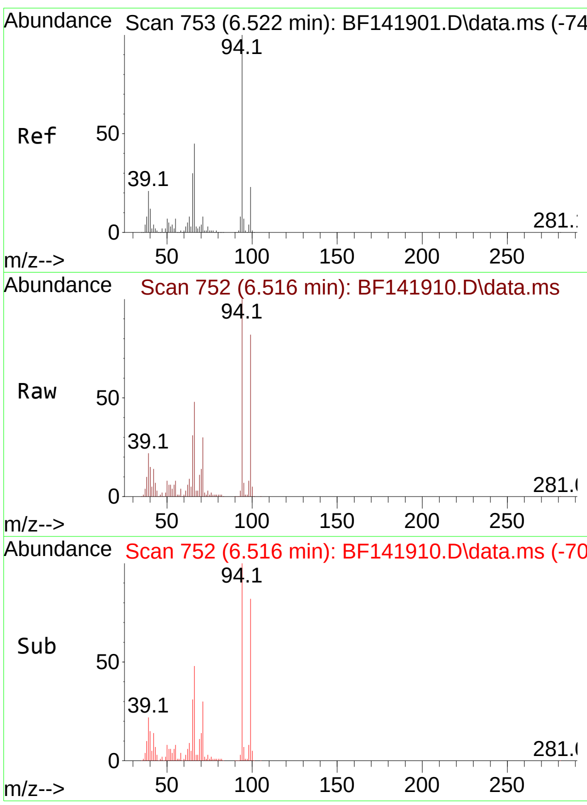
#9
Benzaldehyde
Concen: 37.180 ng
RT: 6.434 min   Scan# 7
Delta R.T.   -0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025   11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 337776

Ion	Ratio	Lower	Upper
77	100		
105	99.9	80.0	120.0
106	93.8	74.5	114.5

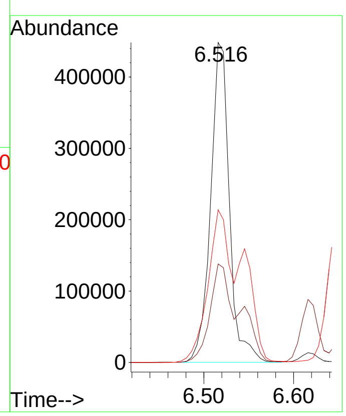




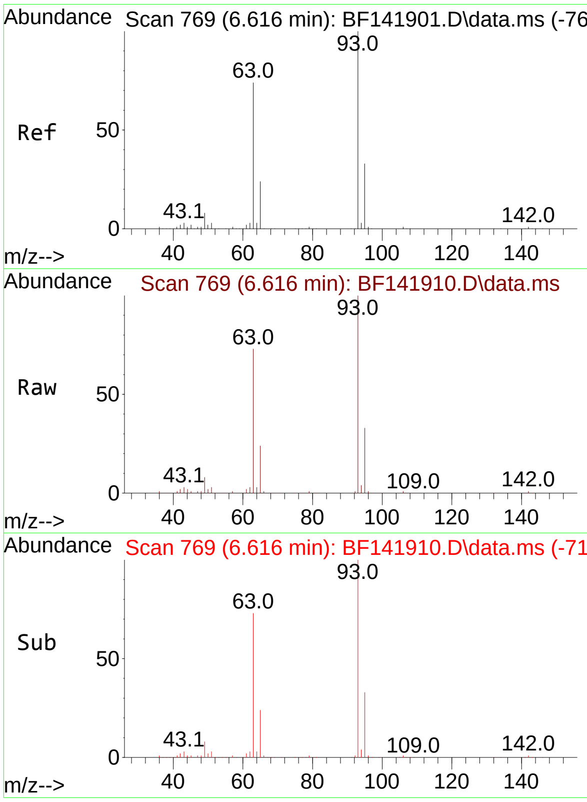
#10
Phenol
Concen: 38.098 ng
RT: 6.516 min   Scan# 752
Delta R.T.   -0.006 min
Lab File: BF141910.D
Acq: 11 Mar 2025   11:51

Tgt Ion: 94 Resp: 651072

Ion	Ratio	Lower	Upper
94	100		
65	30.8	10.5	50.5
66	47.7	25.8	65.8

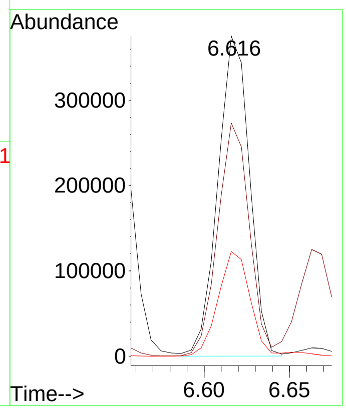


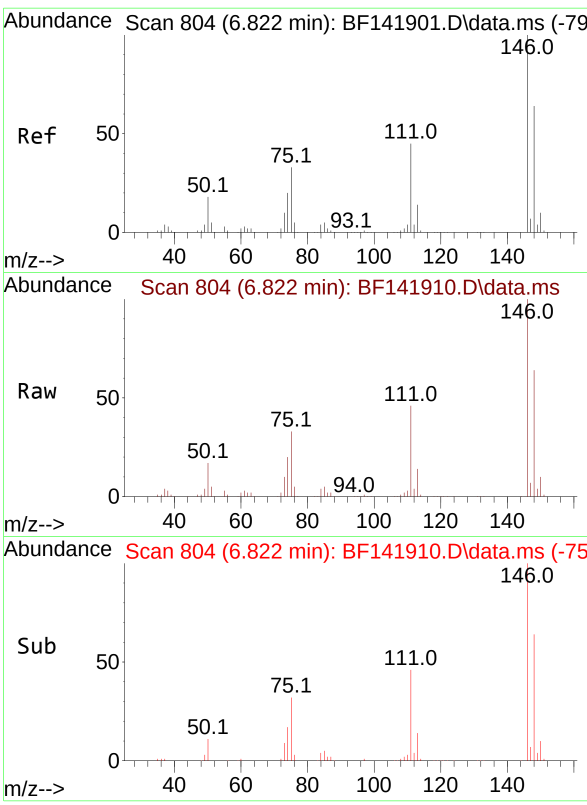
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040




```
#11
bis(2-Chloroethyl)ether
Concen:   37.748 ng
RT:   6.616 min  Scan# 7(
Delta R.T.  0.000 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

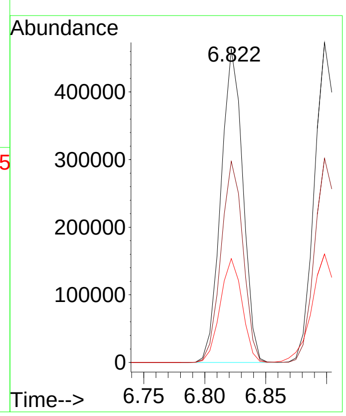
Tgt Ion: 93 Resp:   484388
Ion  Ratio  Lower  Upper
 93  100
 63   72.8   53.0   93.0
 95   32.7   12.9   52.9
```



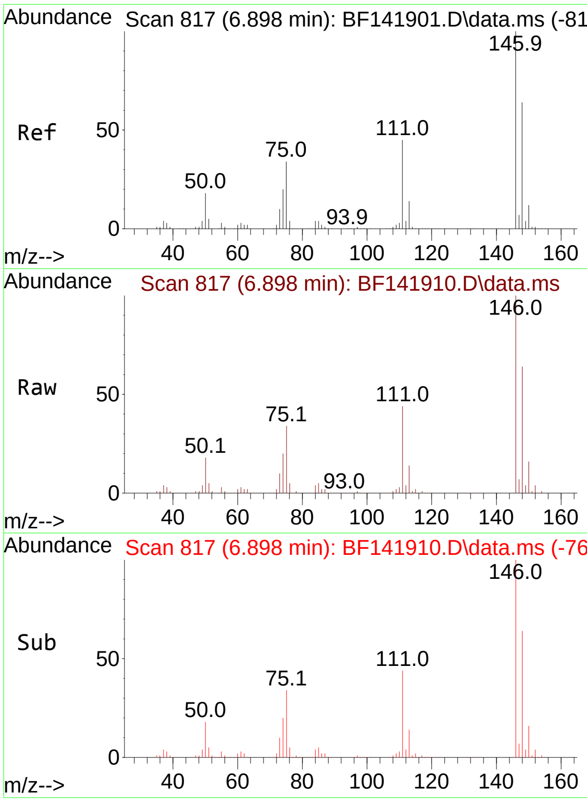



```
#12
1,3-Dichlorobenzene
Concen:   38.163 ng
RT:   6.822 min  Scan# 804
Delta R.T.  0.000 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

Tgt Ion:146 Resp:   582982
Ion  Ratio  Lower  Upper
146  100
148   64.2   51.3   76.9
 75   33.2   26.6   40.0
```



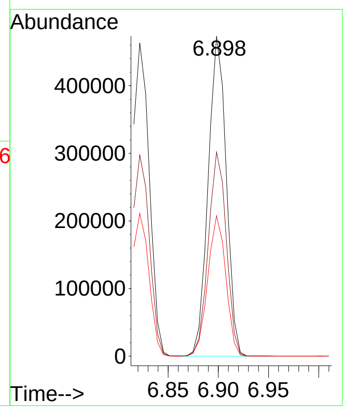
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

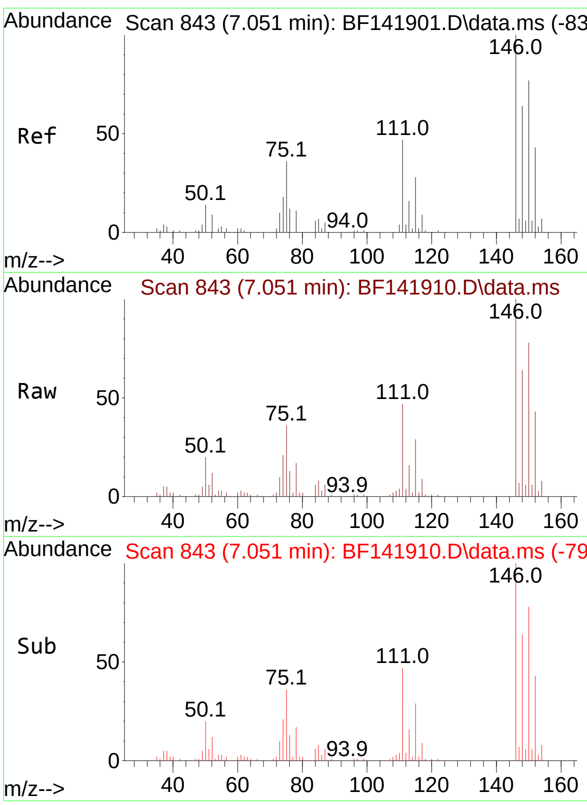


#13
1,4-Dichlorobenzene
Concen: 38.438 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:146 Resp: 594118

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	43.9	35.7	53.5

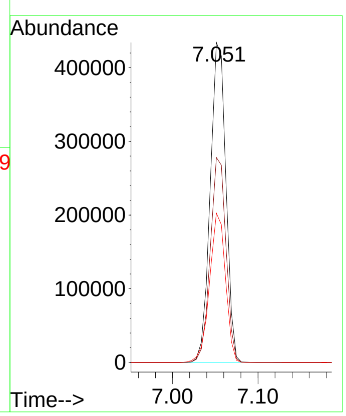




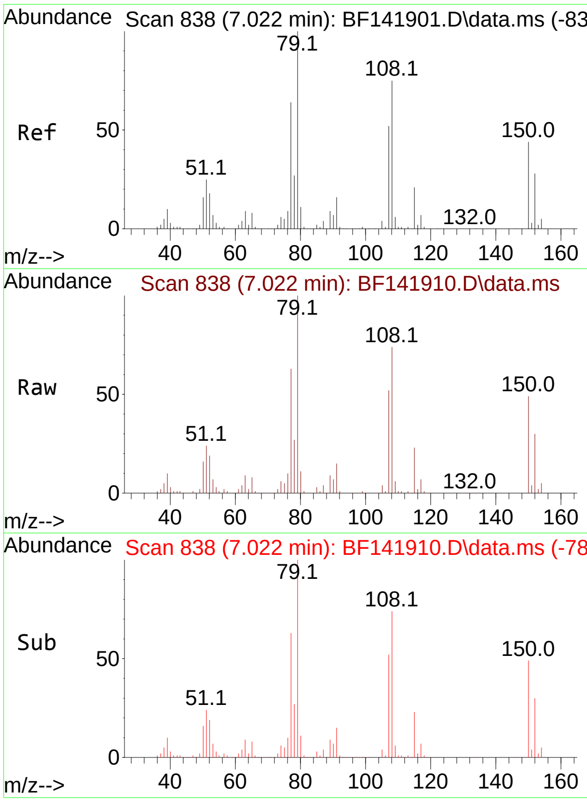
#14
1,2-Dichlorobenzene
Concen: 38.106 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:146 Resp: 554766

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	46.6	38.0	57.0



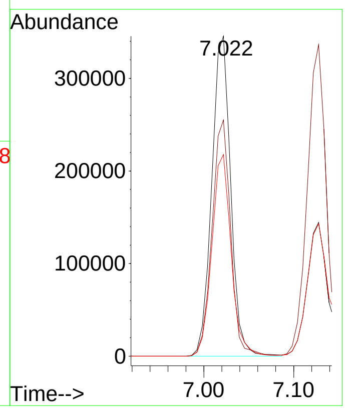
Instrument : BNA_F
ClientSampleId : SSTDCCC040

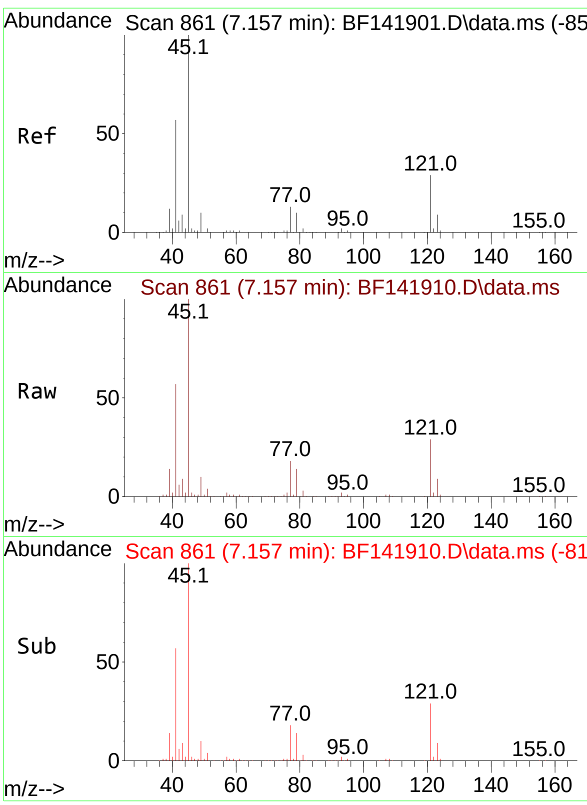


#15
Benzyl Alcohol
Concen: 38.547 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion: 79 Resp: 506215

Ion	Ratio	Lower	Upper
79	100		
108	73.8	59.7	89.5
77	63.0	51.0	76.6

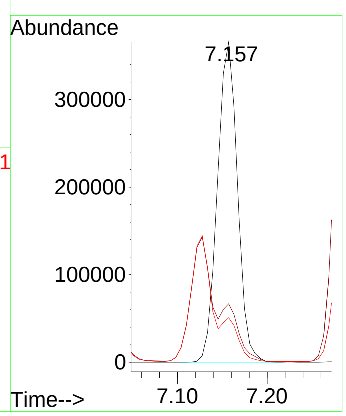




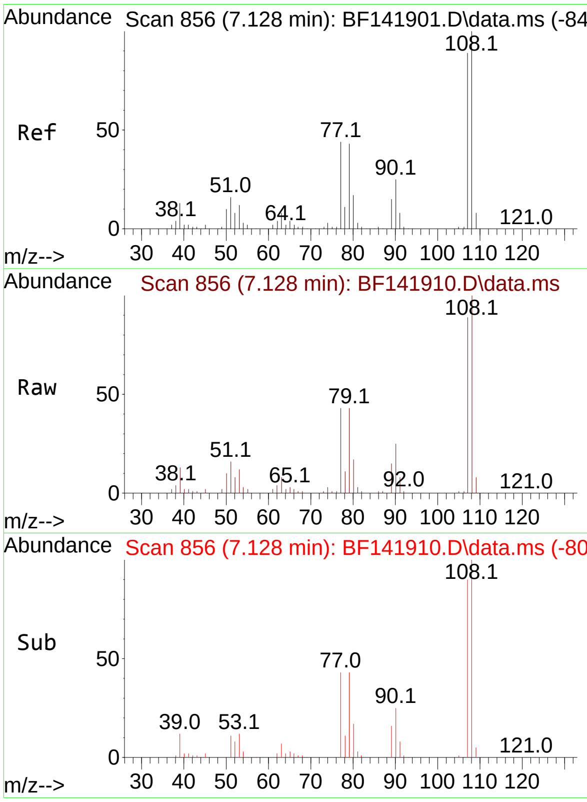
#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.712 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion: 45 Resp: 568739

Ion	Ratio	Lower	Upper
45	100		
77	18.3	0.0	37.8
79	13.9	0.0	34.2



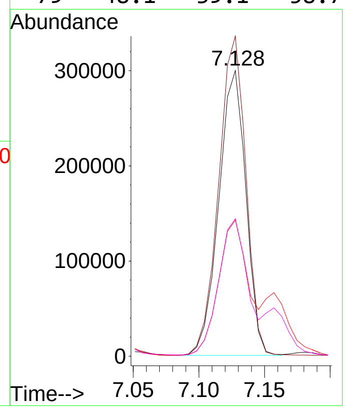
Instrument : BNA_F
ClientSampleId : SSTDCCC040

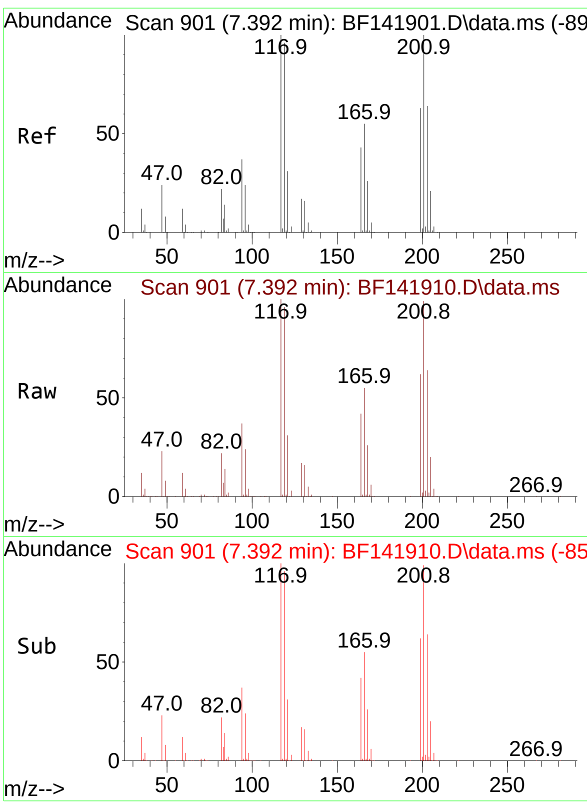


#17
2-Methylphenol
Concen: 38.255 ng
RT: 7.128 min Scan# 8!
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:107 Resp: 430396

Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.2	135.2
77	47.7	39.6	59.4
79	48.1	39.1	58.7

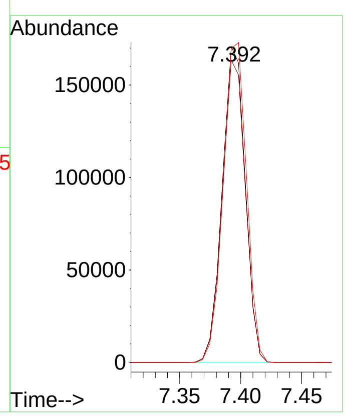




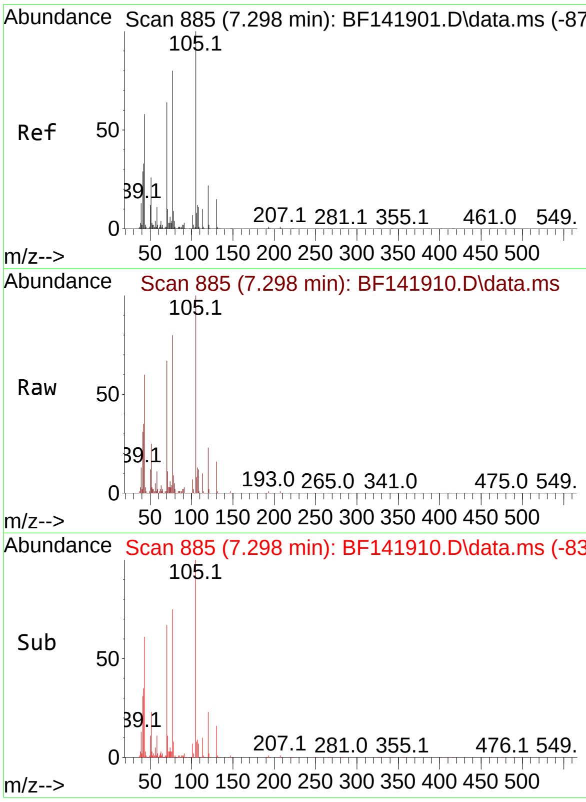
#18
Hexachloroethane
Concen: 38.853 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:117 Resp: 225190

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.9	115.3
201	99.4	79.9	119.9



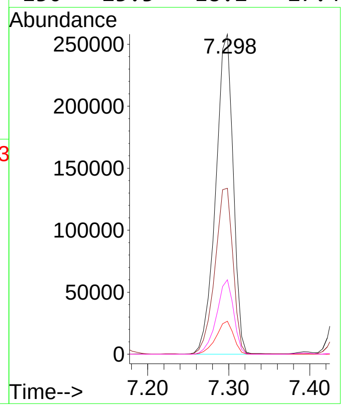
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

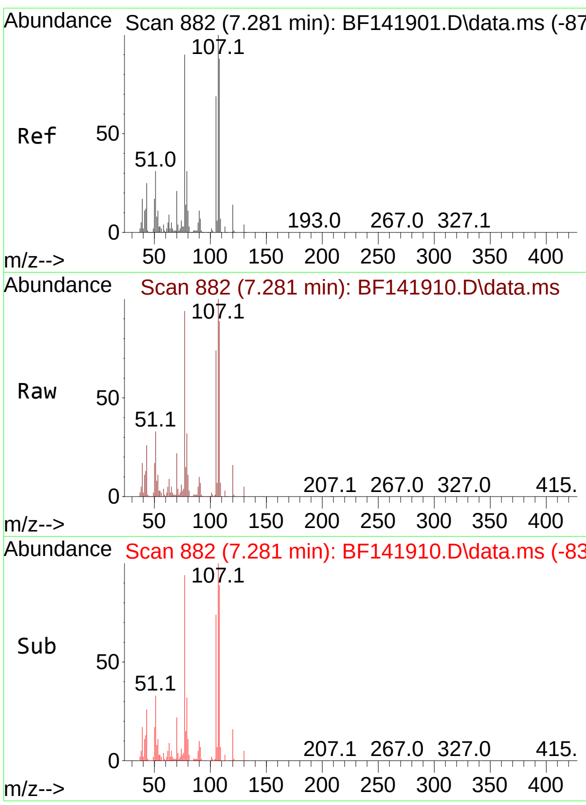


#19
n-Nitroso-di-n-propylamine
Concen: 37.118 ng
RT: 7.298 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion: 70 Resp: 387430

Ion	Ratio	Lower	Upper
70	100		
42	51.9	41.4	62.0
101	10.3	8.2	12.2
130	23.3	18.2	27.4

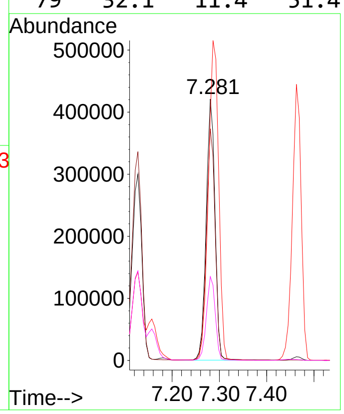




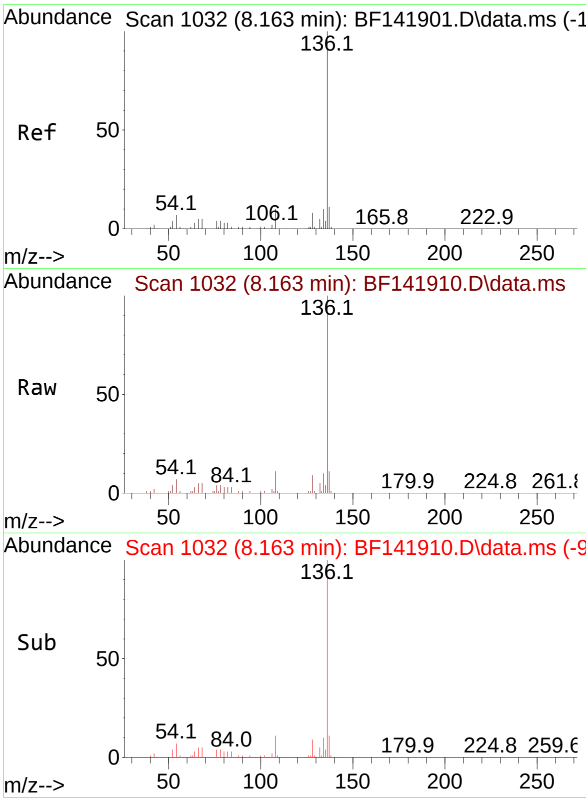
#20
3+4-Methylphenols
Concen: 38.055 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:107 Resp: 548388

Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.4	108.4
77	93.8	69.7	109.7
79	32.1	11.4	51.4



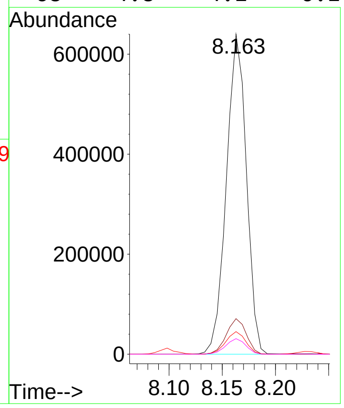
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

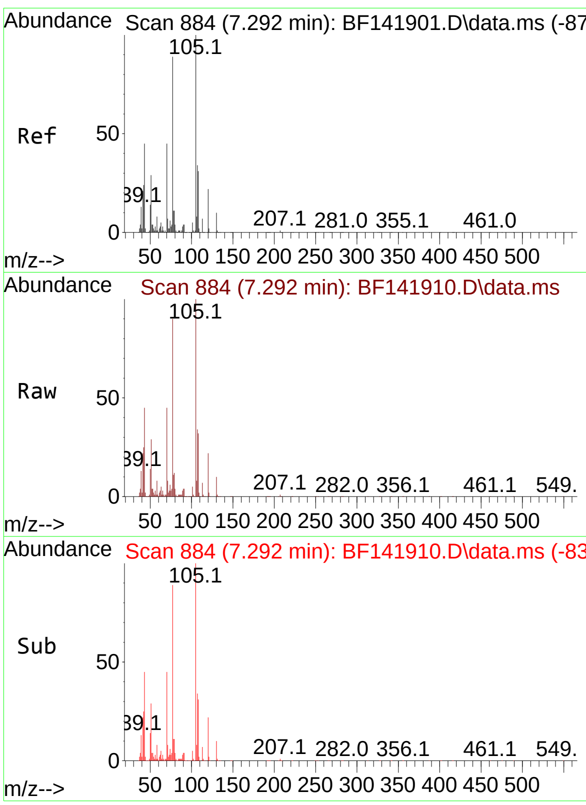


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:136 Resp: 840081

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.0	5.8	8.8
68	4.8	4.1	6.1

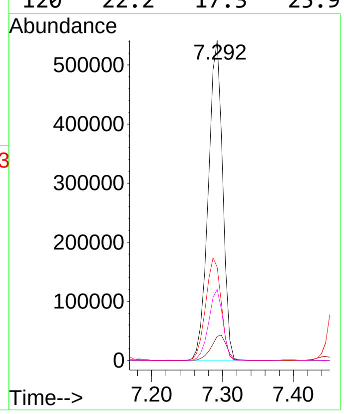




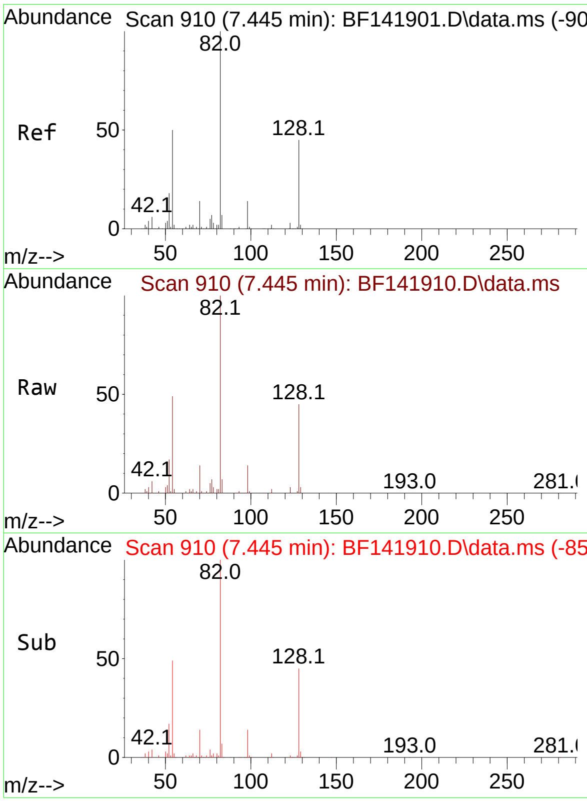
#22
Acetophenone
Concen: 37.949 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:105 Resp: 763464

Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.8	8.8
51	29.1	23.4	35.0
120	22.2	17.3	25.9



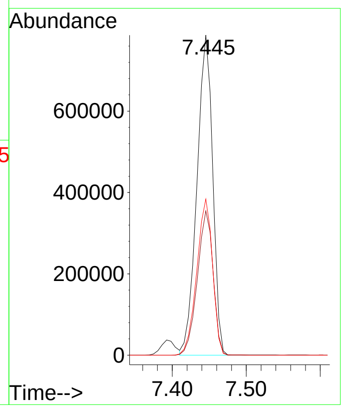
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

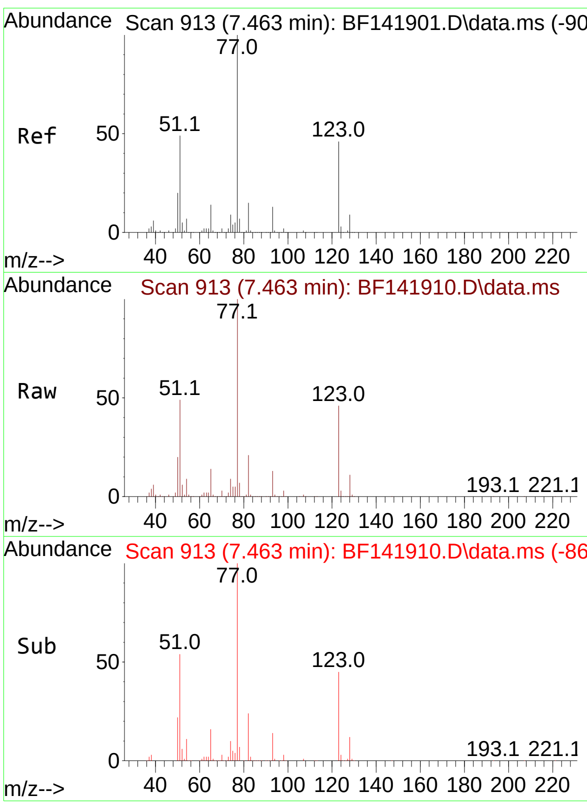


#23
Nitrobenzene-d5
Concen: 78.146 ng
RT: 7.445 min   Scan# 9
Delta R.T.   0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025   11:51

Tgt Ion: 82 Resp: 1166556

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.0	54.0
54	48.8	39.6	59.4

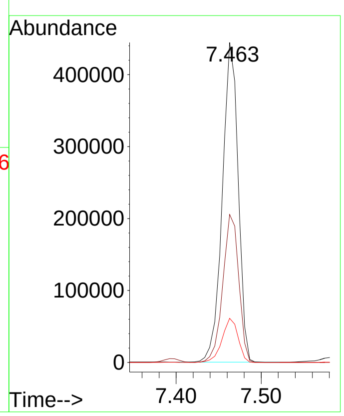




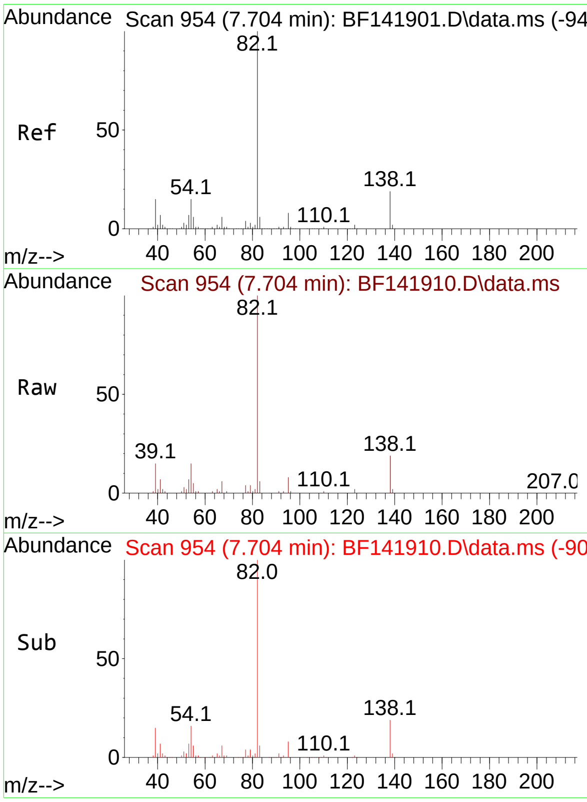
#24
Nitrobenzene
Concen: 38.869 ng
RT: 7.463 min   Scan# 913
Delta R.T.   0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025   11:51

Tgt Ion: 77 Resp: 576817

Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.0	55.4
65	13.8	11.3	16.9

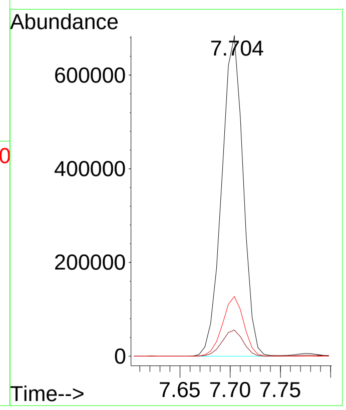


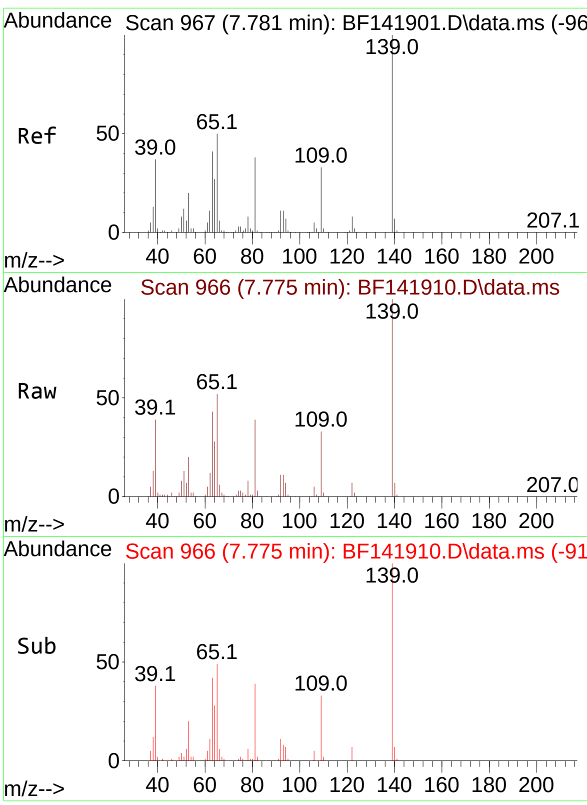
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040




```
#25
Isophorone
Concen:   38.255 ng
RT:   7.704 min  Scan# 9
Delta R.T.  0.000 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

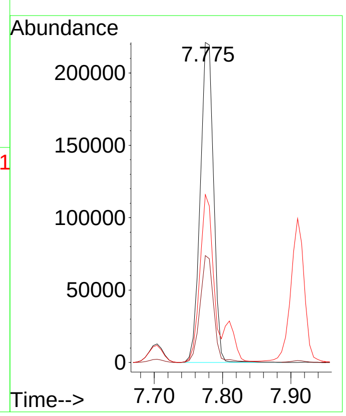
Tgt Ion: 82 Resp: 1009454
Ion  Ratio  Lower  Upper
 82  100
 95    8.2    6.4    9.6
138   18.6   14.9   22.3
```



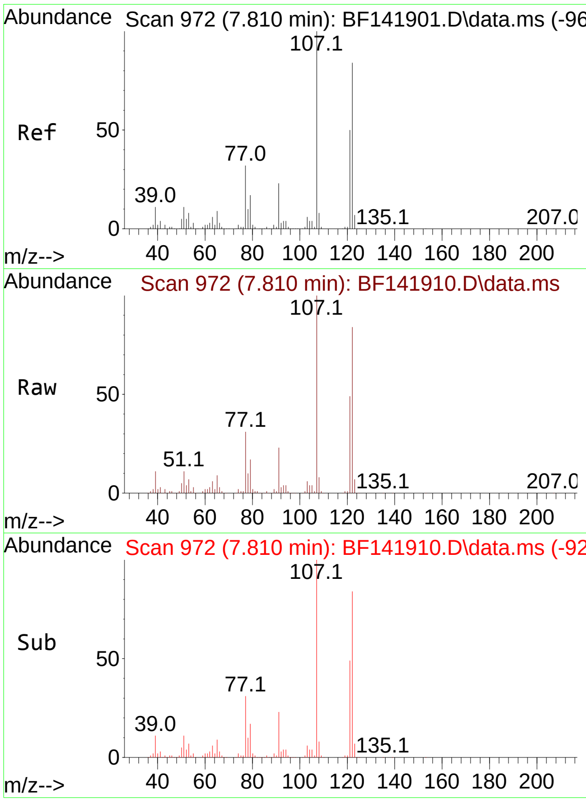



```
#26
2-Nitrophenol
Concen:   41.039 ng
RT:   7.775 min  Scan# 966
Delta R.T.  -0.006 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

Tgt Ion:139 Resp:  298908
Ion  Ratio  Lower  Upper
139  100
109   33.4   26.5   39.7
 65   52.4   40.3   60.5
```



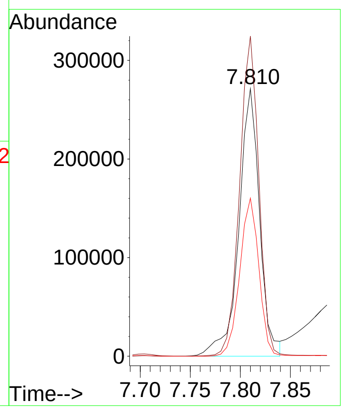
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

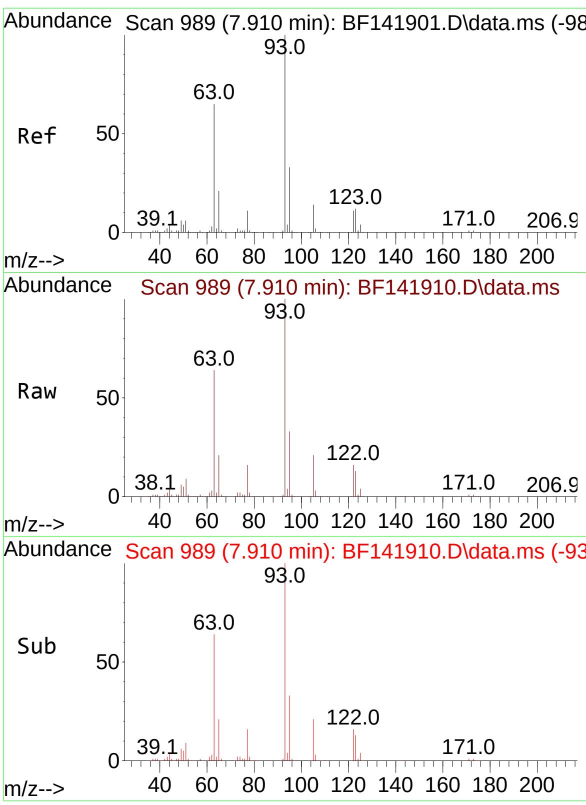


#27
2,4-Dimethylphenol
Concen: 39.112 ng
RT: 7.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:122 Resp: 392258

Ion	Ratio	Lower	Upper
122	100		
107	119.6	94.8	142.2
121	59.1	47.8	71.6

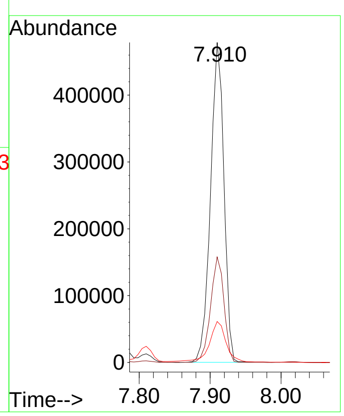




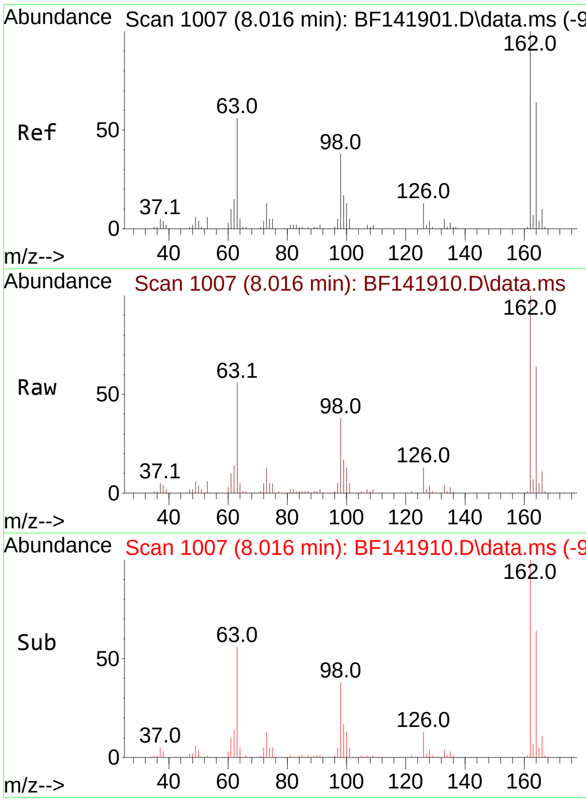
#28
bis(2-Chloroethoxy)methane
Concen: 38.044 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion: 93 Resp: 629638

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	40.0
123	12.8	10.2	15.4



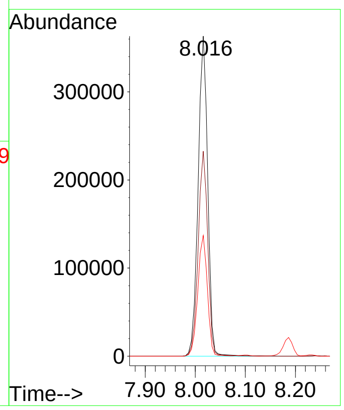
Instrument : BNA_F
ClientSampleId : SSTDCCC040

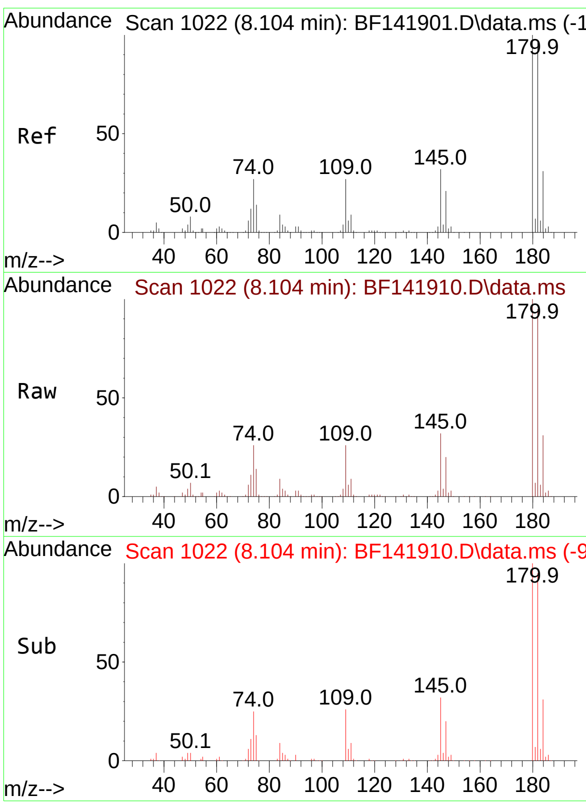


#29
2,4-Dichlorophenol
Concen: 38.695 ng
RT: 8.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:162 Resp: 481689

Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.8	83.8
98	37.7	18.1	58.1

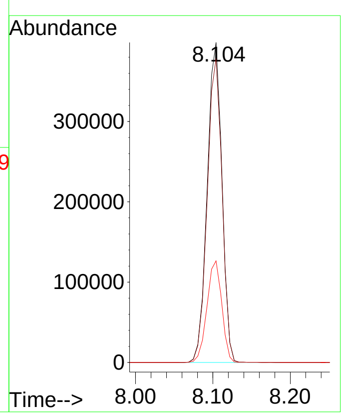




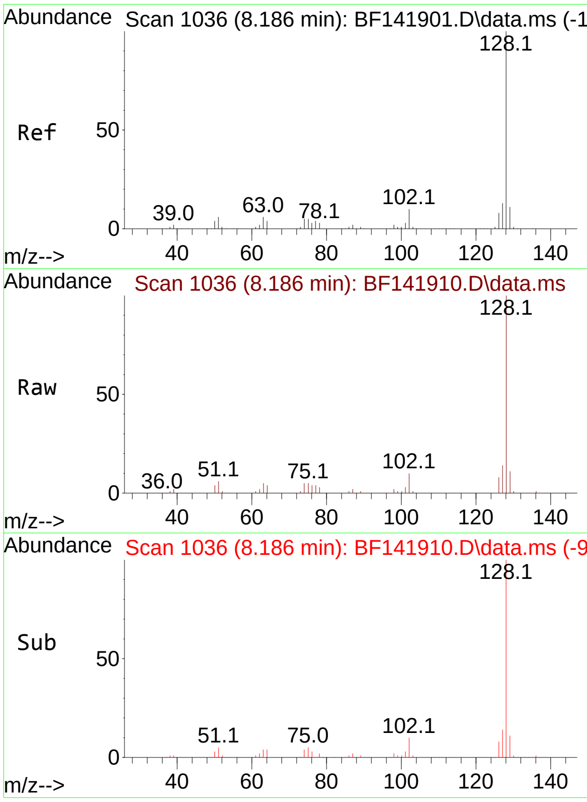
#30
1,2,4-Trichlorobenzene
Concen: 38.575 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:180 Resp: 529203

Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.5	116.3
145	31.8	25.8	38.6



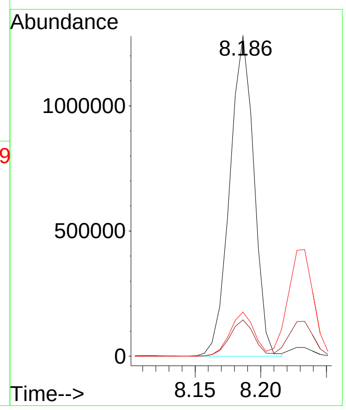
Instrument : BNA_F
ClientSampleId : SSTDCCC040

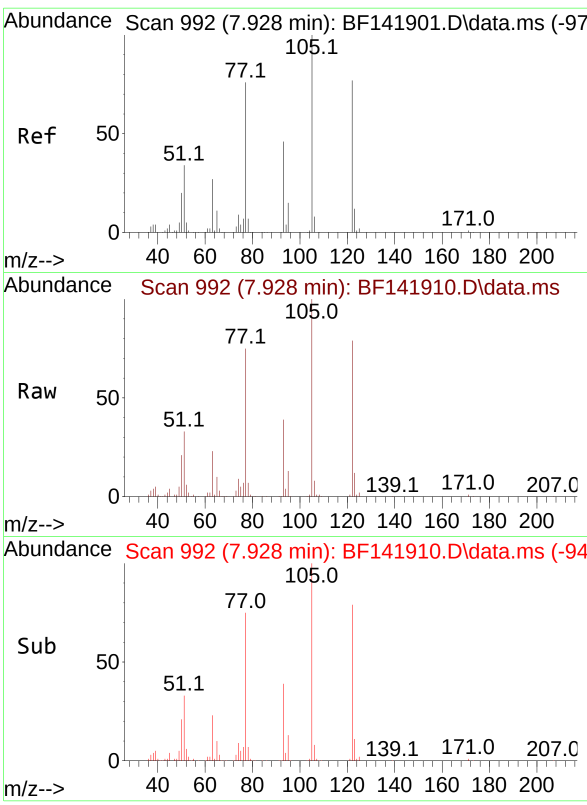


#31
Naphthalene
Concen: 38.085 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:128 Resp: 1643492

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.8	10.8	16.2

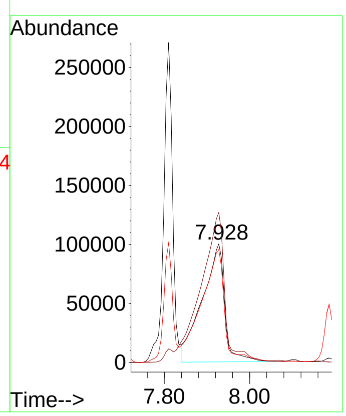


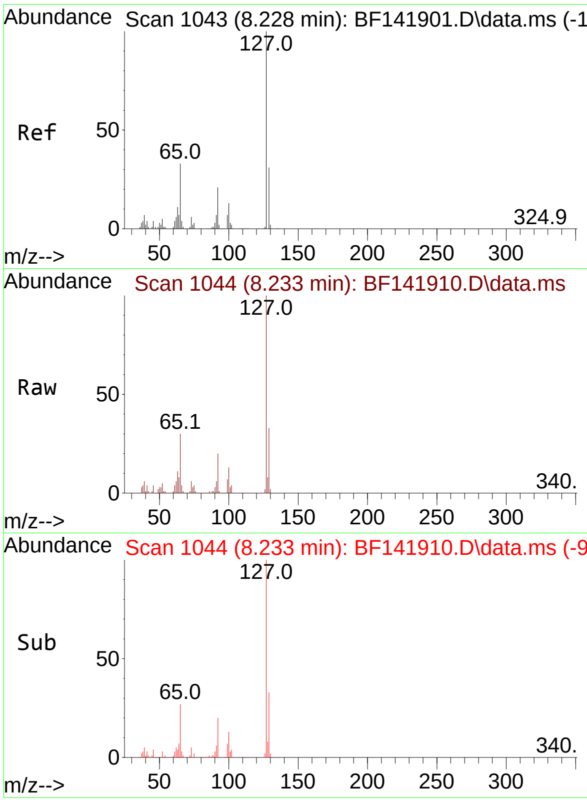


#32
Benzoic acid
Concen: 41.912 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:122 Resp: 369497

Ion	Ratio	Lower	Upper
122	100		
105	126.6	107.9	147.9
77	95.3	79.0	119.0



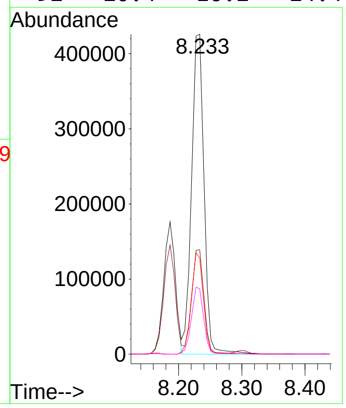


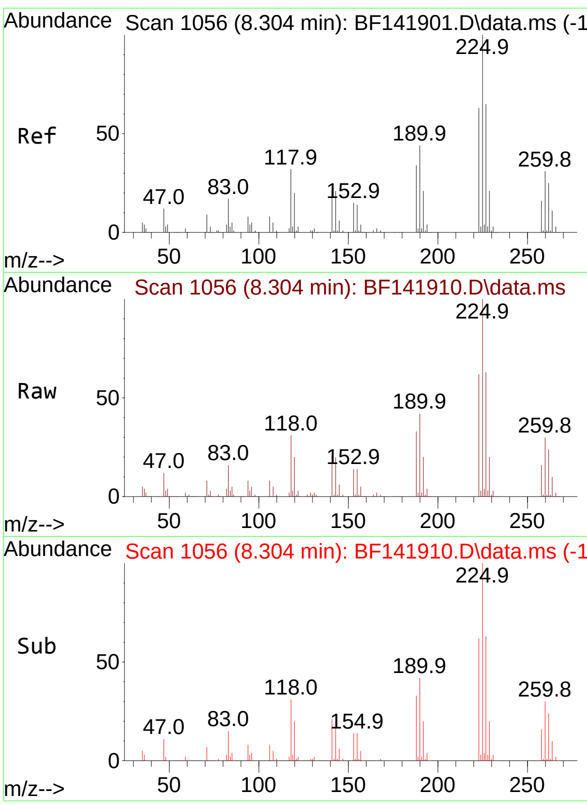
#33
4-Chloroaniline
Concen: 38.457 ng
RT: 8.233 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 585849

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	30.0	25.4	38.2
92	20.4	16.2	24.4

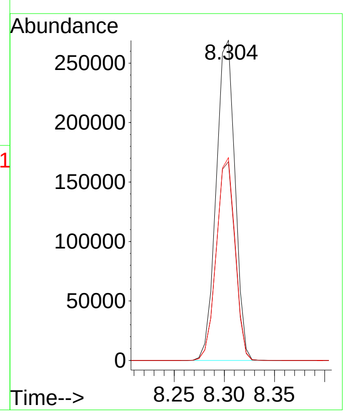




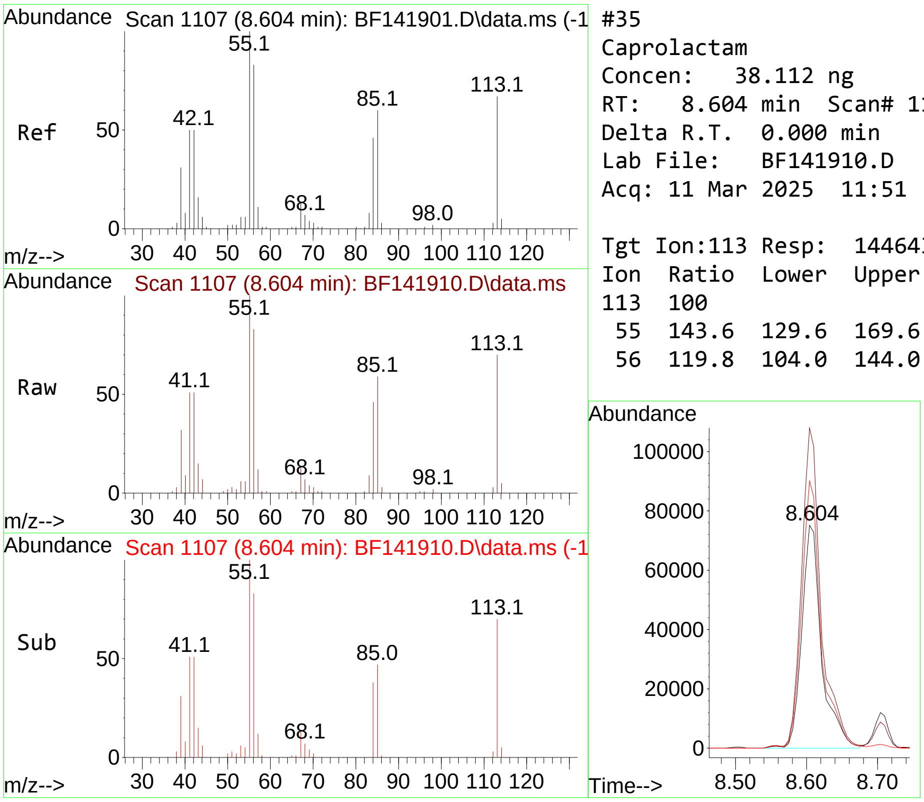
#34
Hexachlorobutadiene
Concen: 39.286 ng
RT: 8.304 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:225 Resp: 351479

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	75.8
227	63.4	52.2	78.2

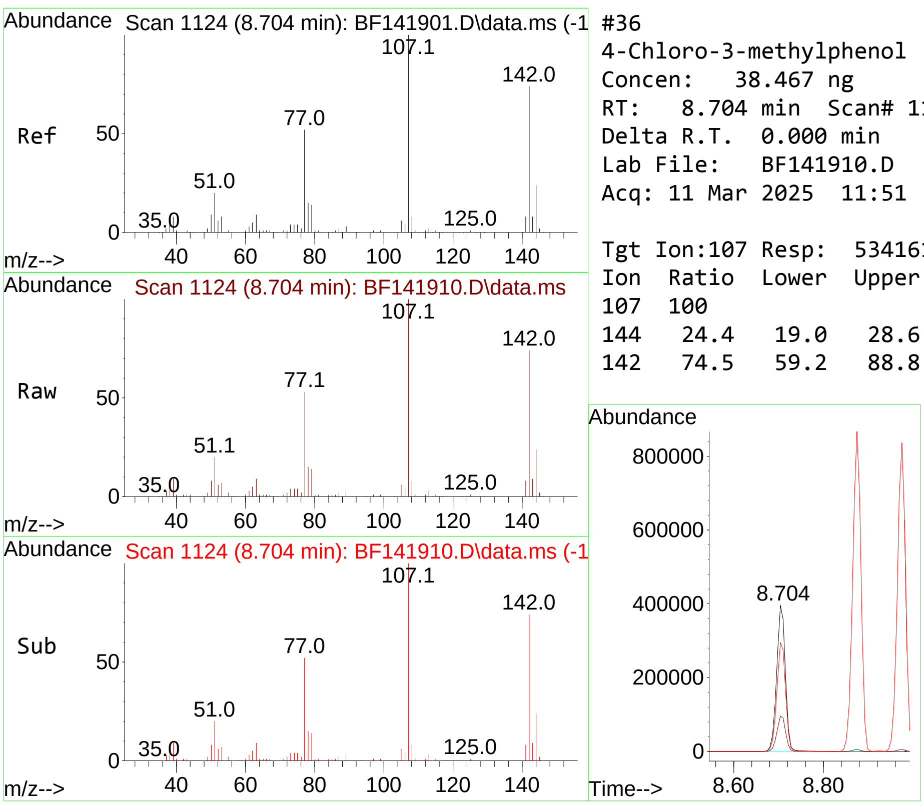


Instrument :
BNA_F
ClientSampleId :
SSTDCCC040




```
#35
Caprolactam
Concen:   38.112 ng
RT:   8.604 min  Scan# 1107
Delta R.T.  0.000 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

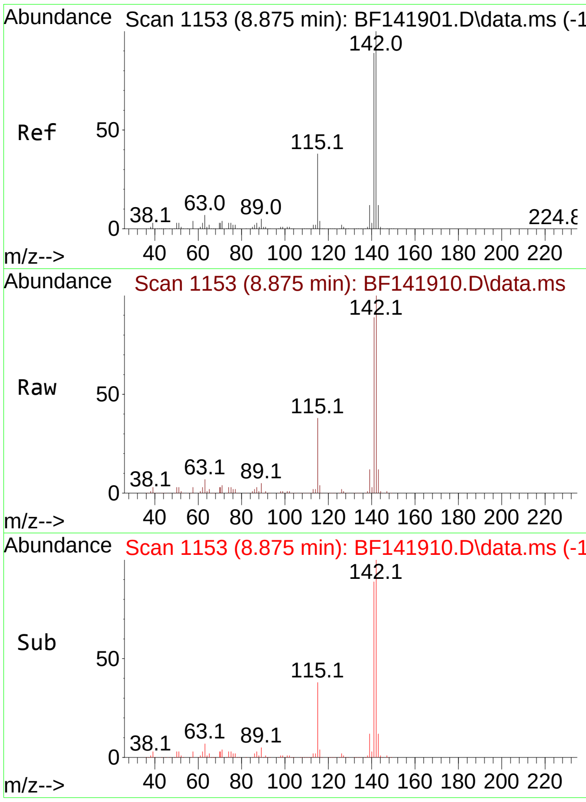
Tgt Ion:113 Resp:  144643
Ion  Ratio  Lower  Upper
113  100
 55  143.6  129.6  169.6
 56  119.8  104.0  144.0
```




```
#36
4-Chloro-3-methylphenol
Concen:   38.467 ng
RT:   8.704 min  Scan# 1124
Delta R.T.  0.000 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

Tgt Ion:107 Resp:  534161
Ion  Ratio  Lower  Upper
107  100
144   24.4   19.0   28.6
142   74.5   59.2   88.8
```

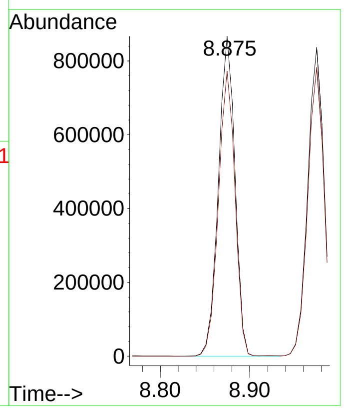
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

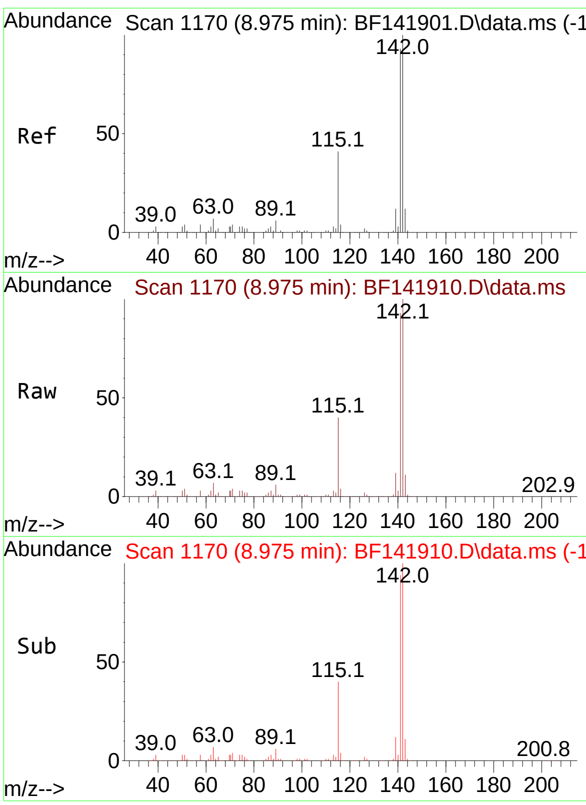


#37
2-Methylnaphthalene
Concen: 38.672 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:142 Resp: 1115480

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8

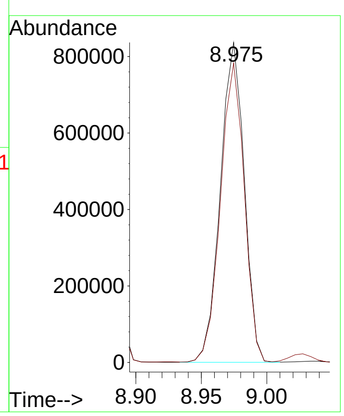




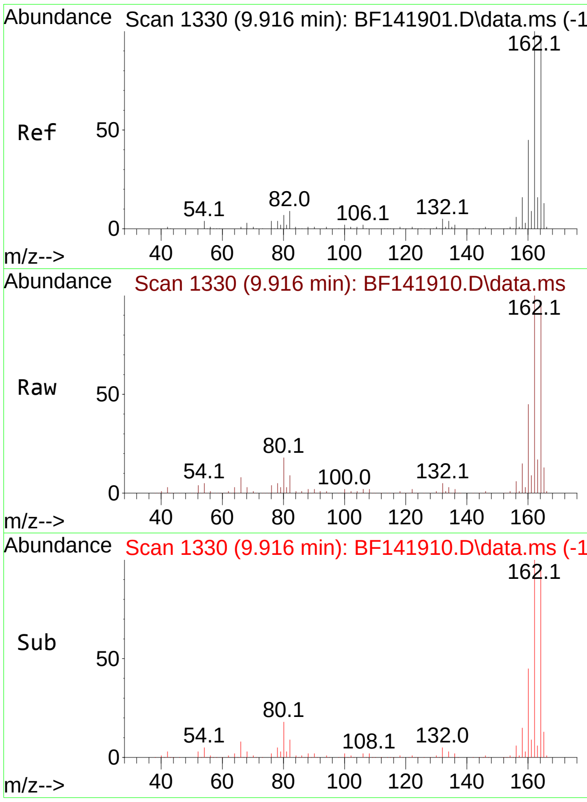
#38
1-Methylnaphthalene
Concen: 38.099 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:142 Resp: 1060457

Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.2	111.4



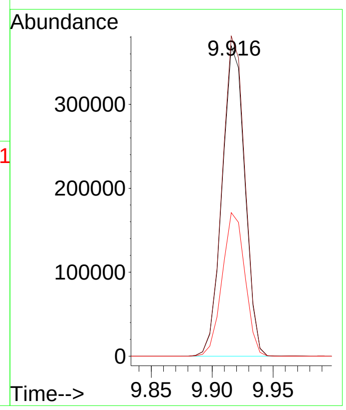
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

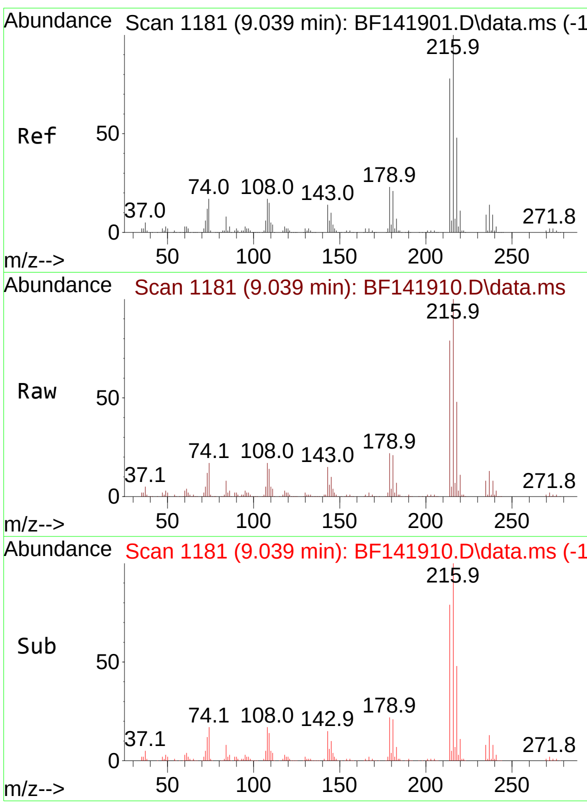


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:164 Resp: 479107

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.8	122.6
160	46.3	36.7	55.1

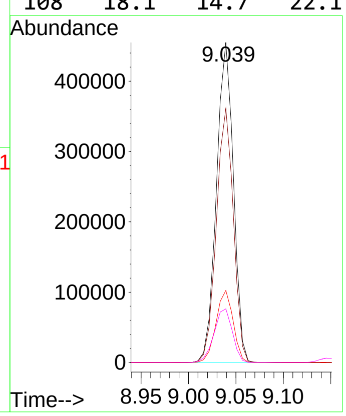




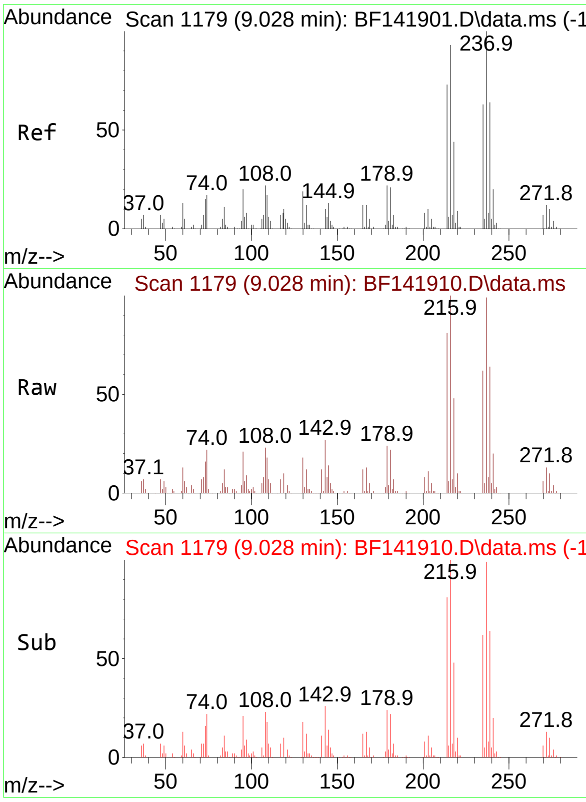
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.978 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:216 Resp: 568573

Ion	Ratio	Lower	Upper
216	100		
214	79.5	61.9	92.9
179	22.6	18.1	27.1
108	18.1	14.7	22.1



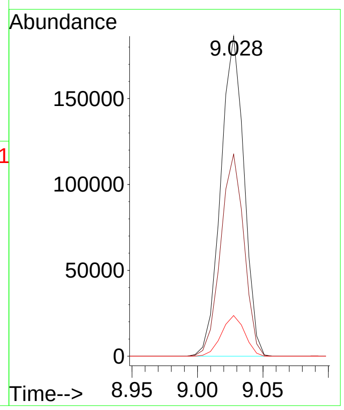
Instrument : BNA_F
ClientSampleId : SSTDCCC040

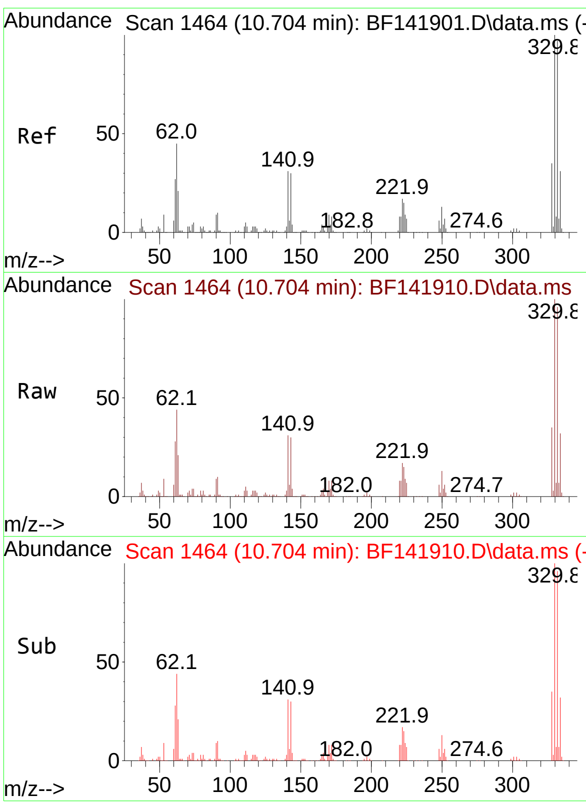


#41
Hexachlorocyclopentadiene
Concen: 40.373 ng
RT: 9.028 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025   11:51

Tgt Ion:237 Resp: 230480

Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.1	83.1
272	12.7	0.0	32.0

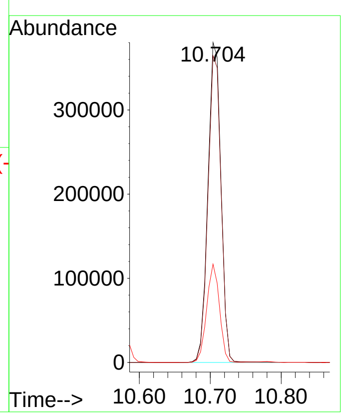




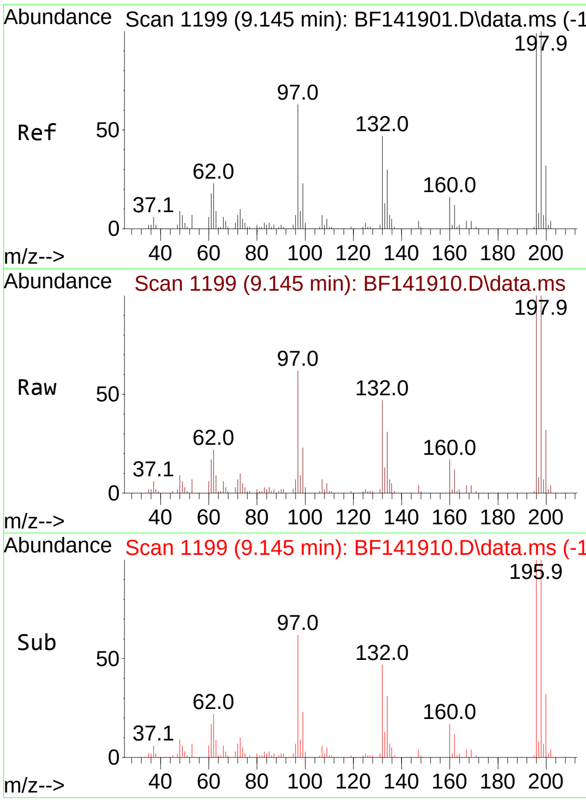
#42
2,4,6-Tribromophenol
Concen: 80.359 ng
RT: 10.704 min   Scan# 1464
Delta R.T.   0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025   11:51

Tgt Ion:330 Resp: 488429

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	30.0	24.7	37.1



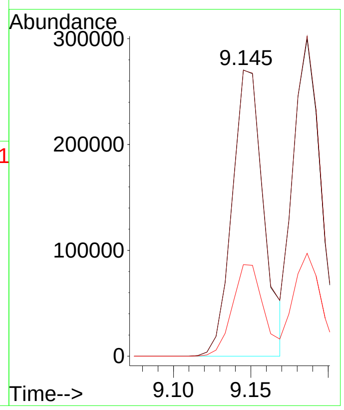
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

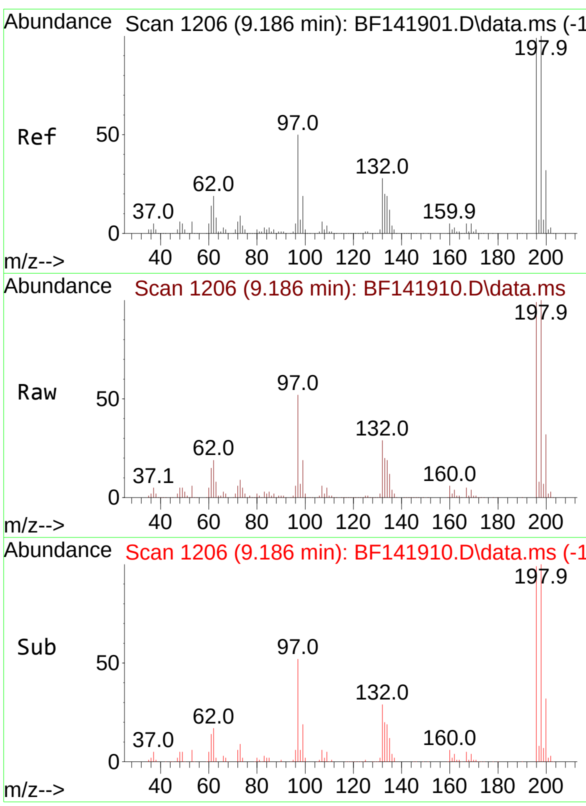


#43
2,4,6-Trichlorophenol
Concen: 40.071 ng
RT: 9.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:196 Resp: 382004

Ion	Ratio	Lower	Upper
196	100		
198	99.9	80.6	121.0
200	32.0	25.8	38.6

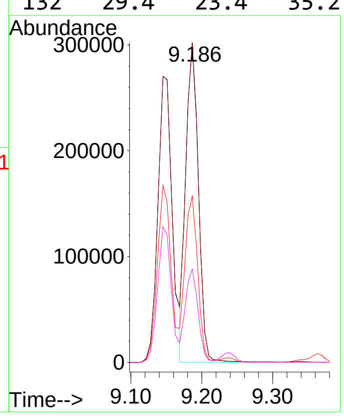




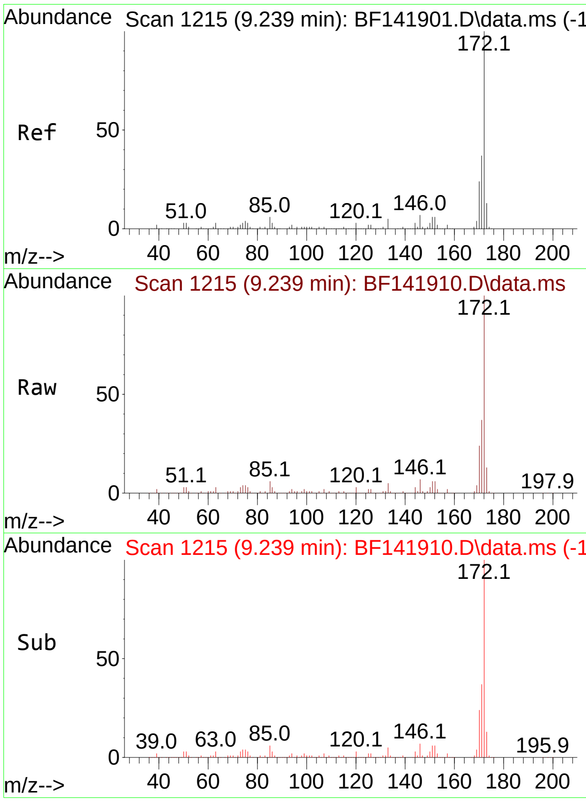
#44
2,4,5-Trichlorophenol
Concen: 38.614 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:196 Resp: 372824

Ion	Ratio	Lower	Upper
196	100		
198	100.9	80.7	121.1
97	52.4	42.1	63.1
132	29.4	23.4	35.2



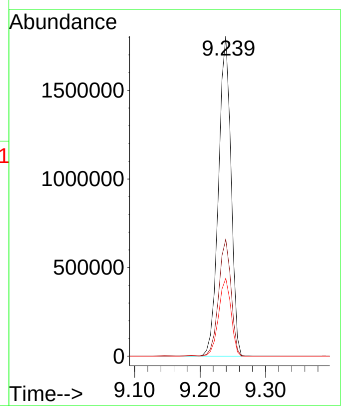
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

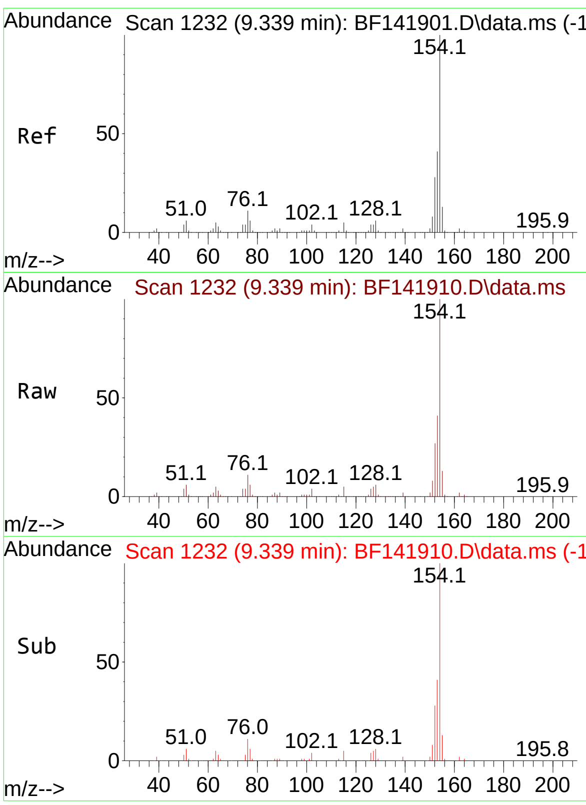


#45
2-Fluorobiphenyl
Concen: 75.388 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:172 Resp: 2374971

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.3	43.9
170	24.4	19.4	29.0

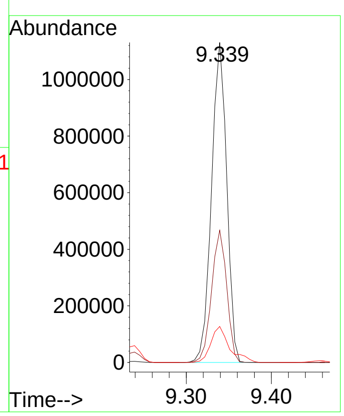




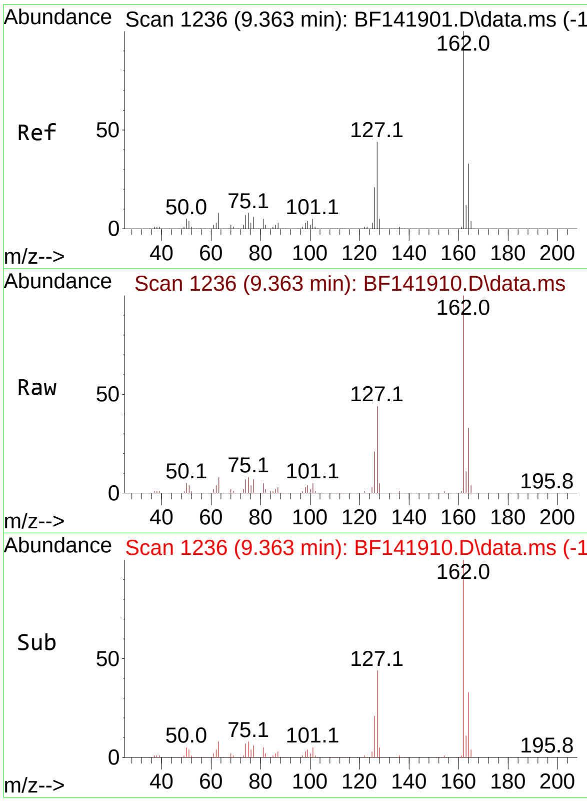
#46
1,1'-Biphenyl
Concen: 38.525 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:154 Resp: 1402423

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.1	61.1
76	11.2	0.0	31.3



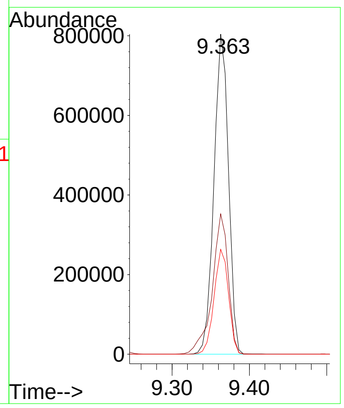
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

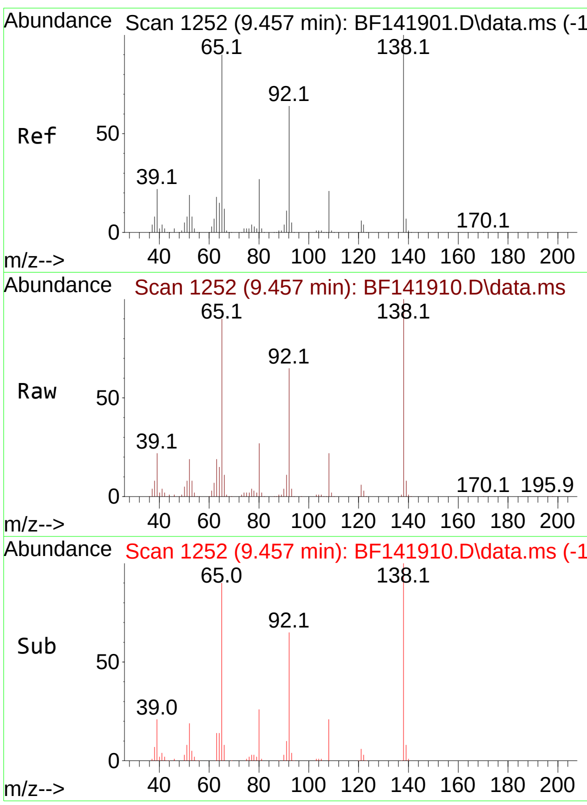


#47
2-Chloronaphthalene
Concen: 38.666 ng
RT: 9.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:162 Resp: 1049133

Ion	Ratio	Lower	Upper
162	100		
127	43.8	35.5	53.3
164	32.7	26.6	40.0

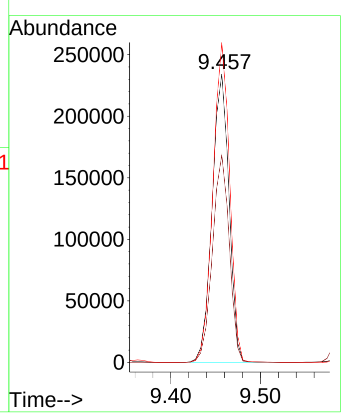




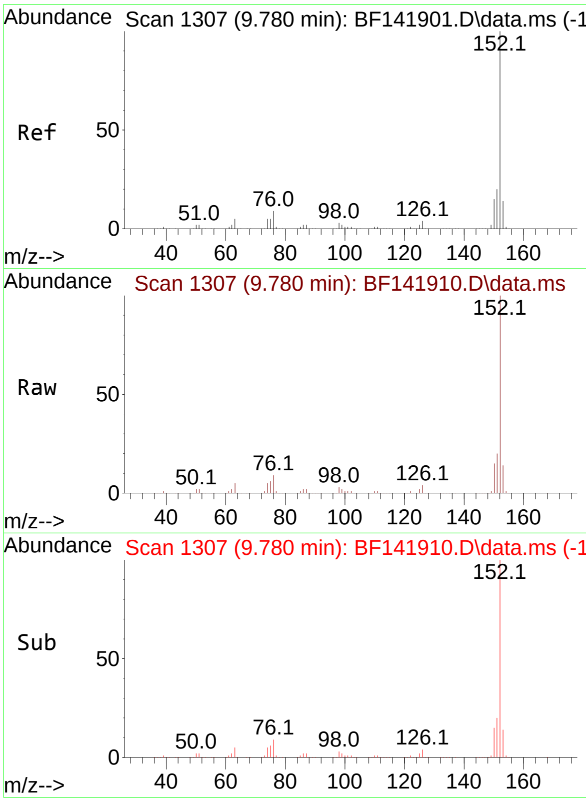
#48
2-Nitroaniline
Concen: 39.109 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion: 65 Resp: 307247

Ion	Ratio	Lower	Upper
65	100		
92	71.9	56.6	84.8
138	110.9	88.6	133.0



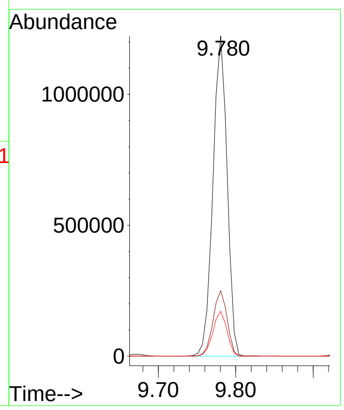
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

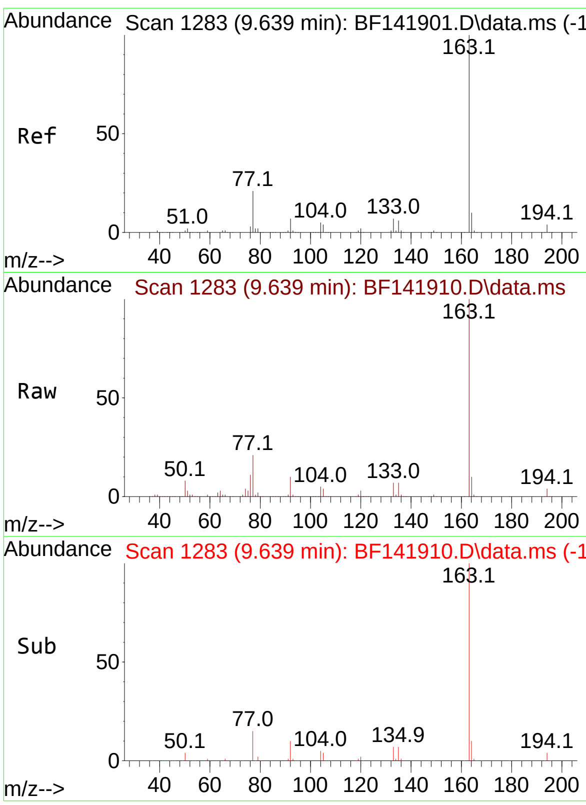


#49
Acenaphthylene
Concen: 38.616 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:152 Resp: 1554840

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	14.0	11.1	16.7

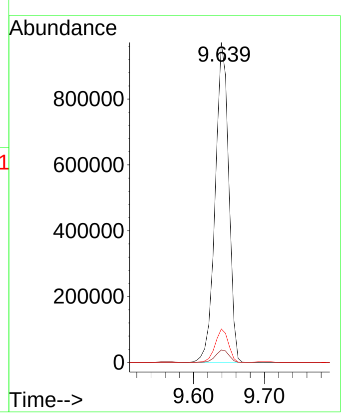




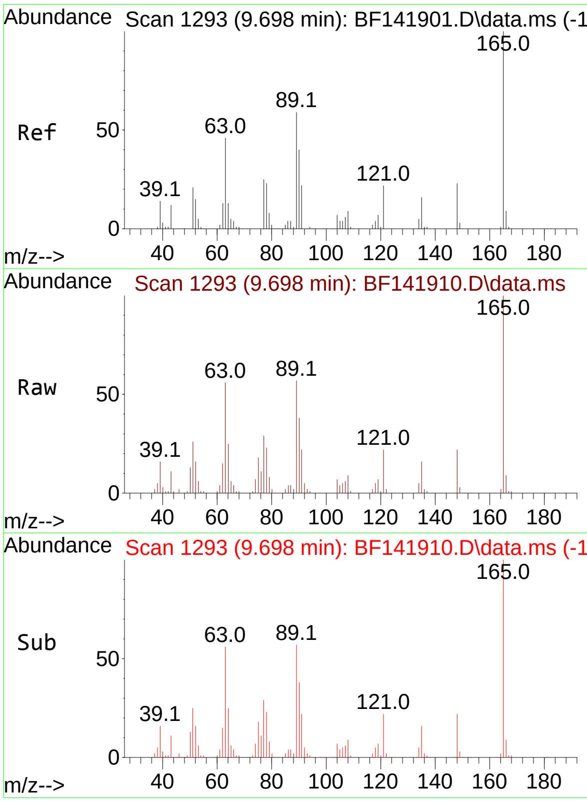
#50
Dimethylphthalate
Concen: 38.265 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:163 Resp: 1283810

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.5	8.2	12.4



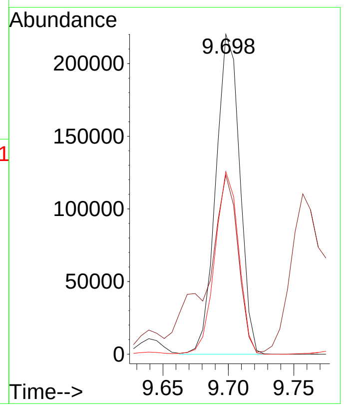
Instrument : BNA_F
ClientSampleId : SSTDCCC040

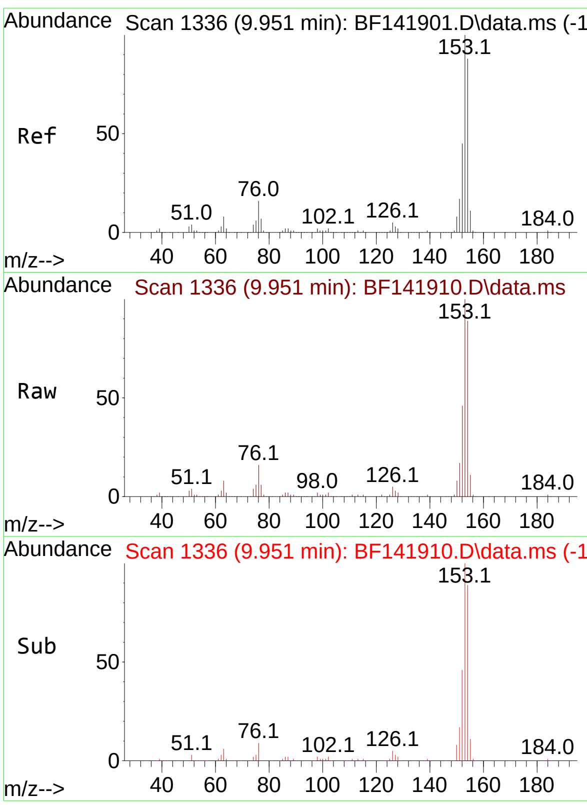


#51
2,6-Dinitrotoluene
Concen: 40.079 ng
RT: 9.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:165 Resp: 279974

Ion	Ratio	Lower	Upper
165	100		
63	56.0	47.0	70.4
89	57.1	47.4	71.2

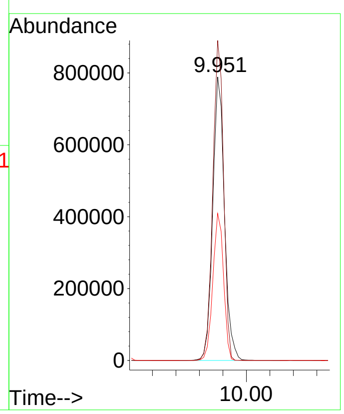




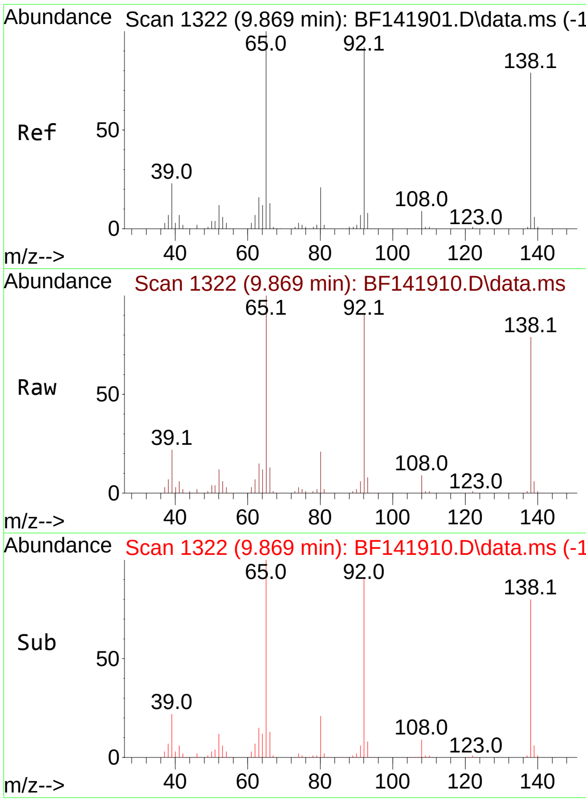
#52
Acenaphthene
Concen: 38.576 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:154 Resp: 1091559

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.7	136.1
152	51.9	41.1	61.7



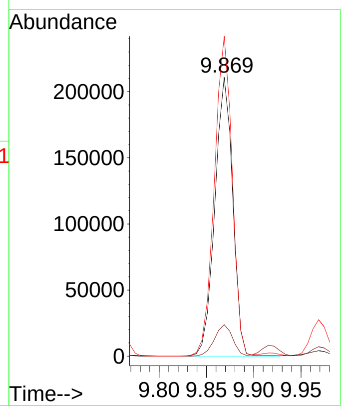
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

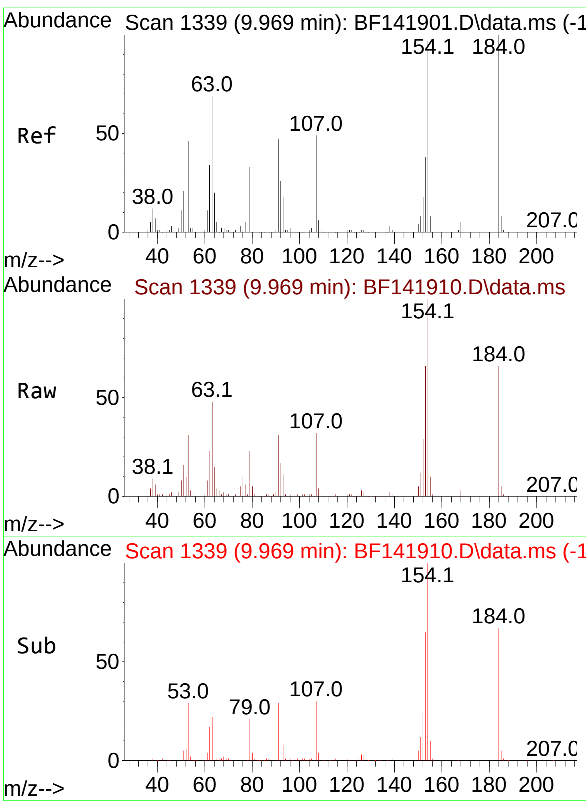


#53
3-Nitroaniline
Concen: 39.135 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:138 Resp: 277307

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.3	13.9
92	114.7	93.5	140.3

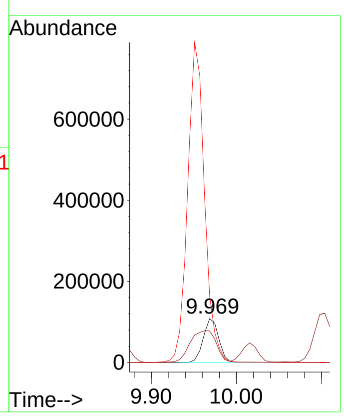




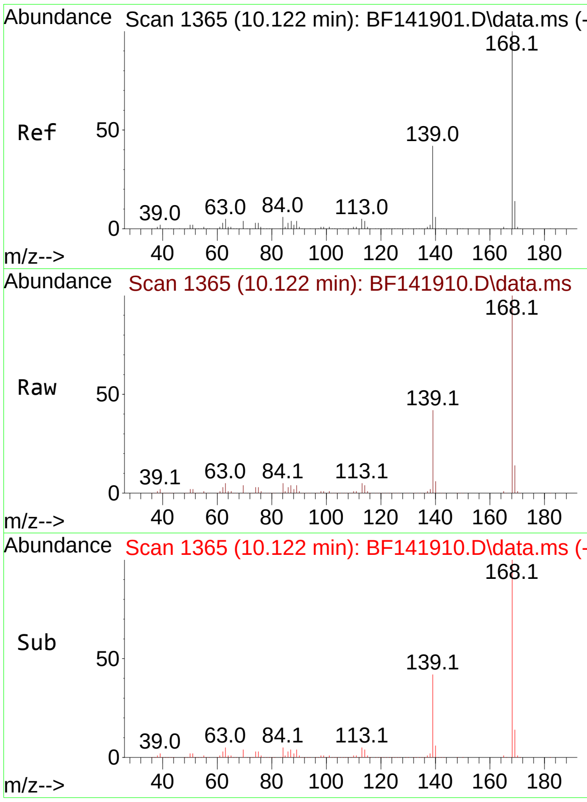
#54
2,4-Dinitrophenol
Concen: 38.237 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:184 Resp: 136926

Ion	Ratio	Lower	Upper
184	100		
63	71.7	60.2	90.4
154	150.5	132.9	199.3



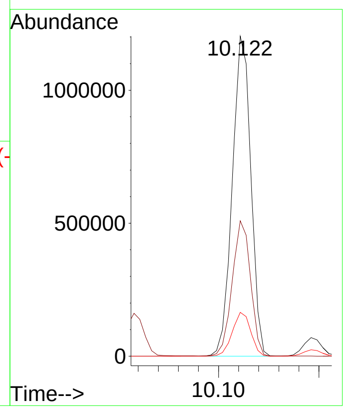
Instrument : BNA_F
ClientSampleId : SSTDCCC040

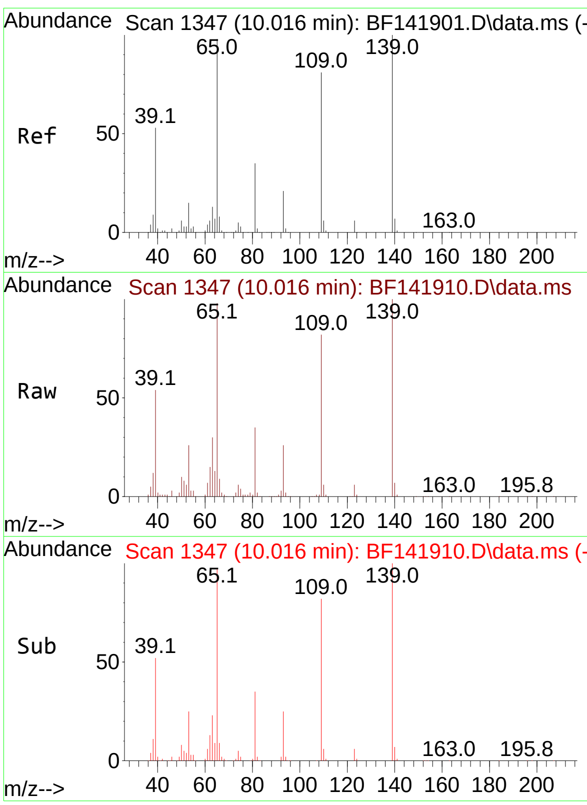


#55
Dibenzofuran
Concen: 38.292 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:168 Resp: 1548206

Ion	Ratio	Lower	Upper
168	100		
139	42.3	33.9	50.9
169	13.7	11.0	16.4

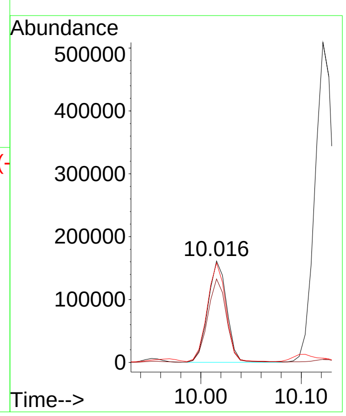




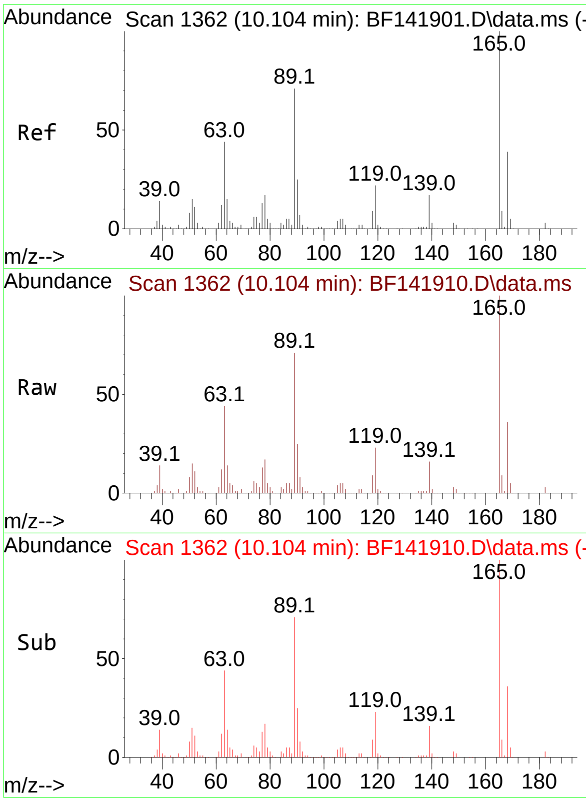
#56
4-Nitrophenol
Concen: 39.683 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:139 Resp: 212052

Ion	Ratio	Lower	Upper
139	100		
109	82.3	61.6	101.6
65	98.1	79.4	119.4



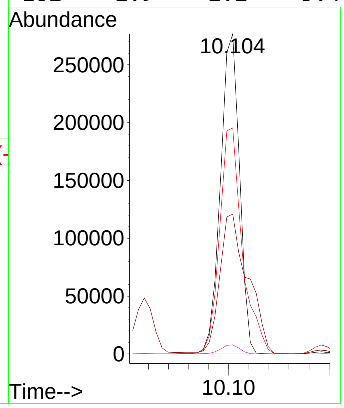
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

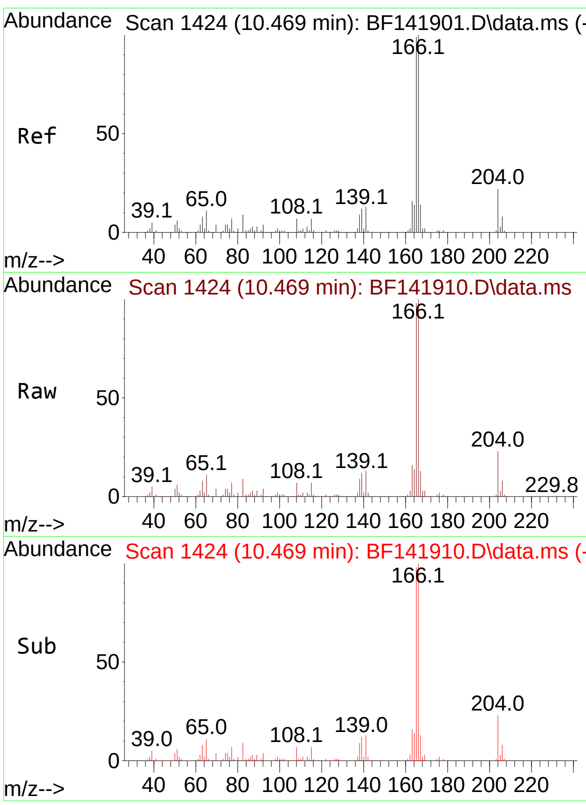


#57
2,4-Dinitrotoluene
Concen: 39.975 ng
RT: 10.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:165 Resp: 364725

Ion	Ratio	Lower	Upper
165	100		
63	43.7	35.4	53.2
89	70.7	56.6	84.8
182	2.9	2.2	3.4

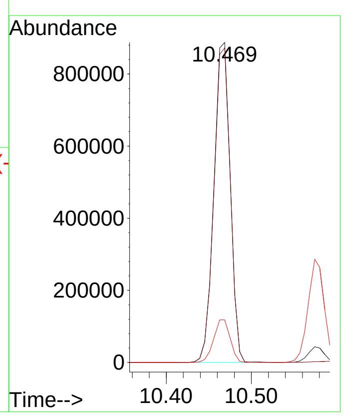




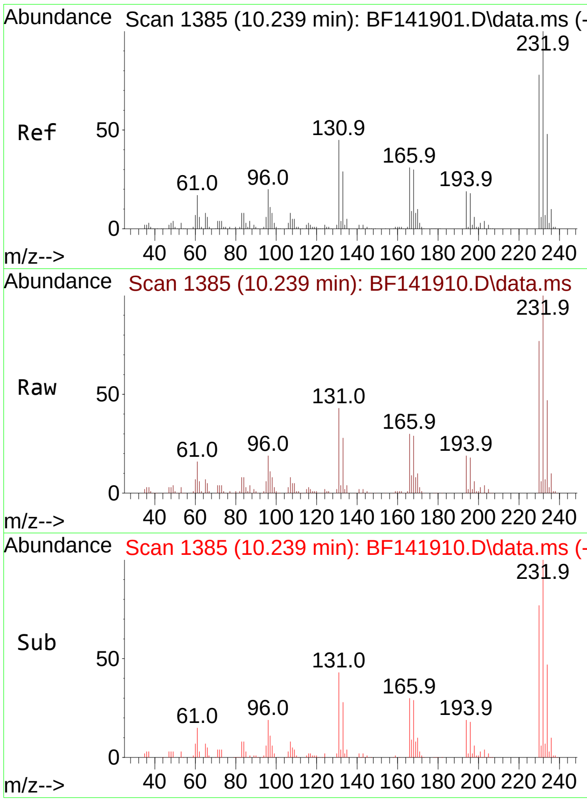
#58
Fluorene
Concen: 38.073 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:166 Resp: 1187102

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.0	118.4
167	13.3	11.0	16.4



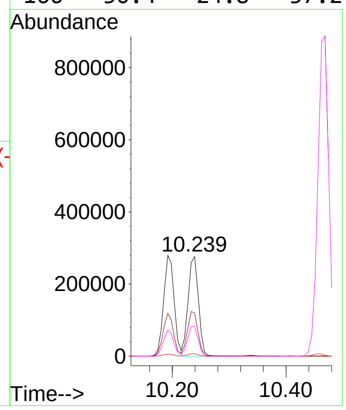
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

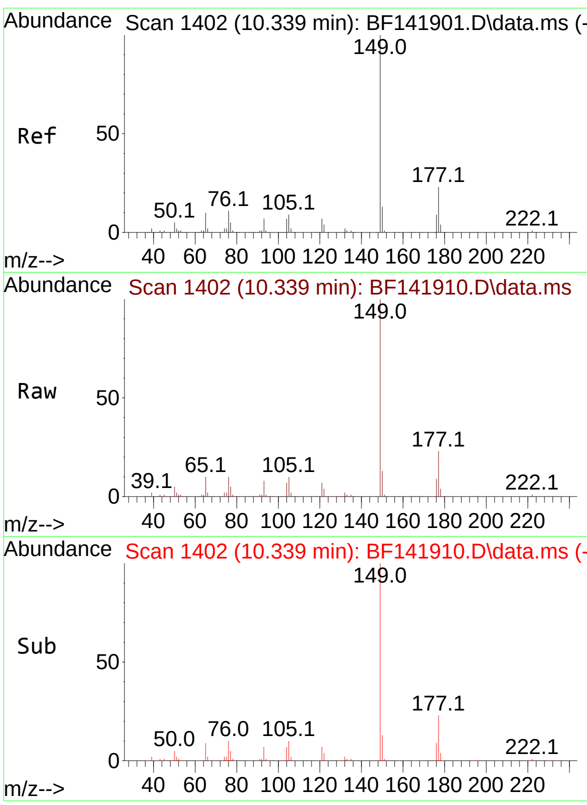


#59
2,3,4,6-Tetrachlorophenol
Concen: 39.950 ng
RT: 10.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:232 Resp: 351000

Ion	Ratio	Lower	Upper
232	100		
131	45.1	37.3	55.9
130	2.5	1.9	2.9
166	30.4	24.8	37.2

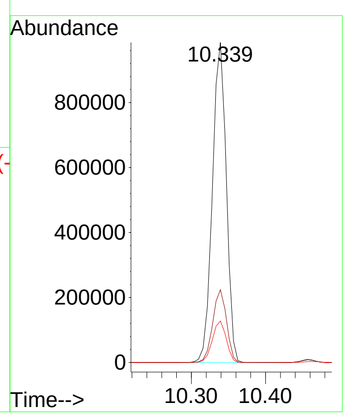




#60
Diethylphthalate
Concen: 38.320 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

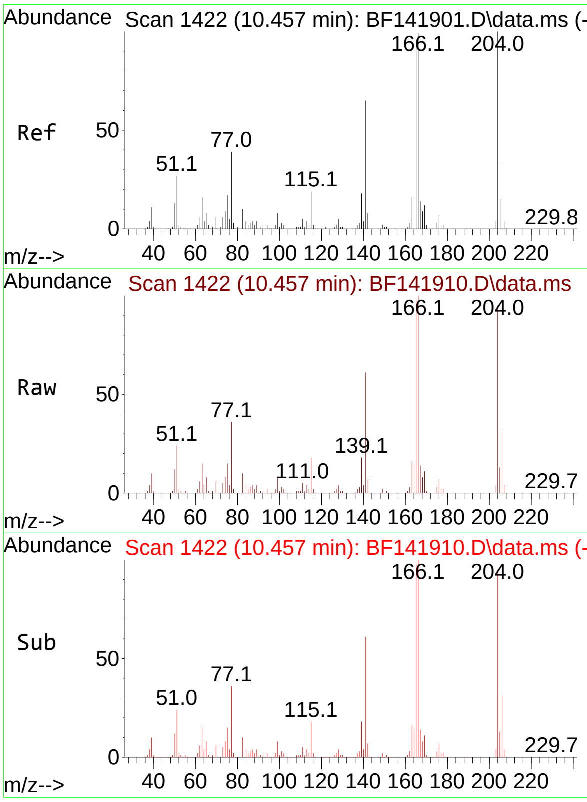
Tgt Ion:149 Resp: 1281977

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.0	27.0
150	13.0	10.2	15.4



Sample Results: **BF141910.D**

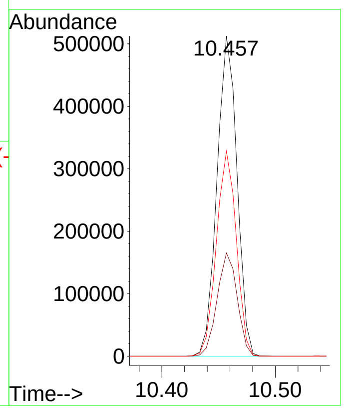
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

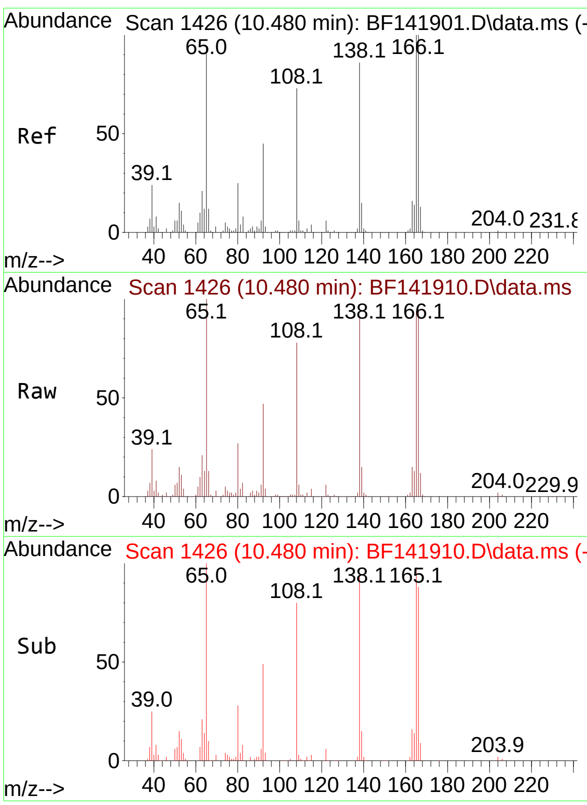


#61
4-Chlorophenyl-phenylether
Concen: 38.726 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:204 Resp: 629512

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.8	40.2
141	64.1	52.4	78.6

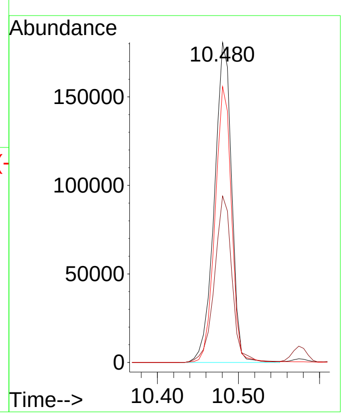




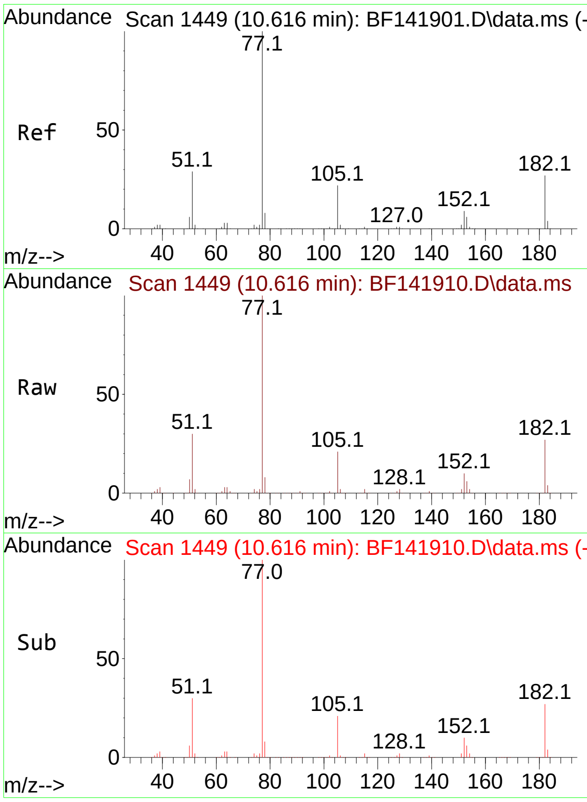
#62
4-Nitroaniline
Concen: 38.925 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:138 Resp: 268529

Ion	Ratio	Lower	Upper
138	100		
92	52.0	32.6	72.6
108	86.2	65.0	105.0



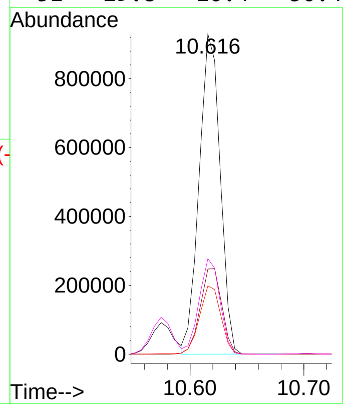
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

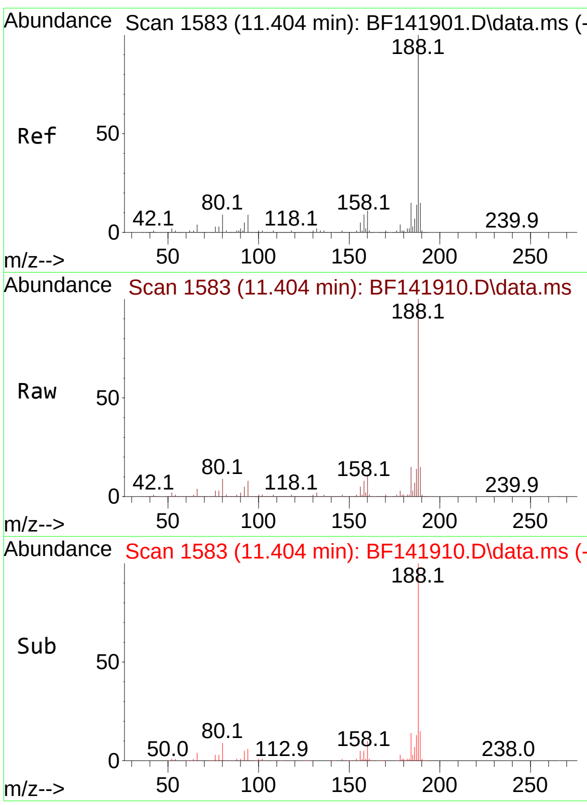


#63
Azobenzene
Concen: 38.408 ng
RT: 10.616 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion: 77 Resp: 1194591

Ion	Ratio	Lower	Upper
77	100		
182	26.6	6.6	46.6
105	21.3	1.3	41.3
51	29.8	10.4	50.4

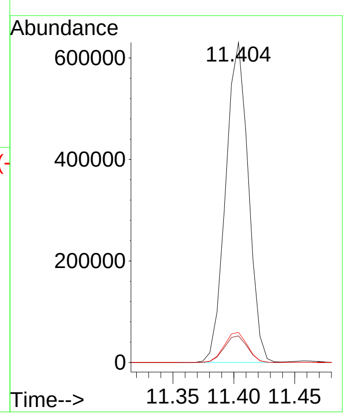




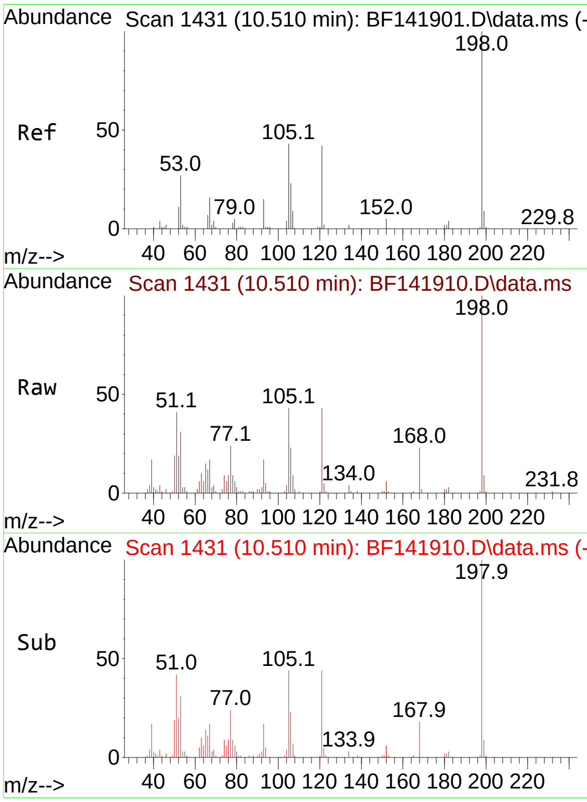
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:188 Resp: 819898

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	9.4	7.6	11.4



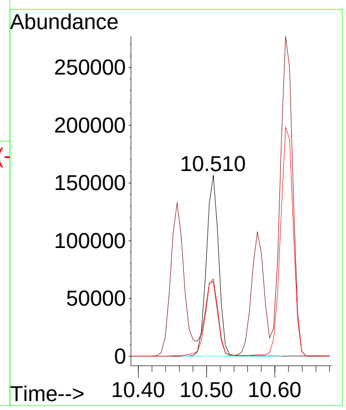
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

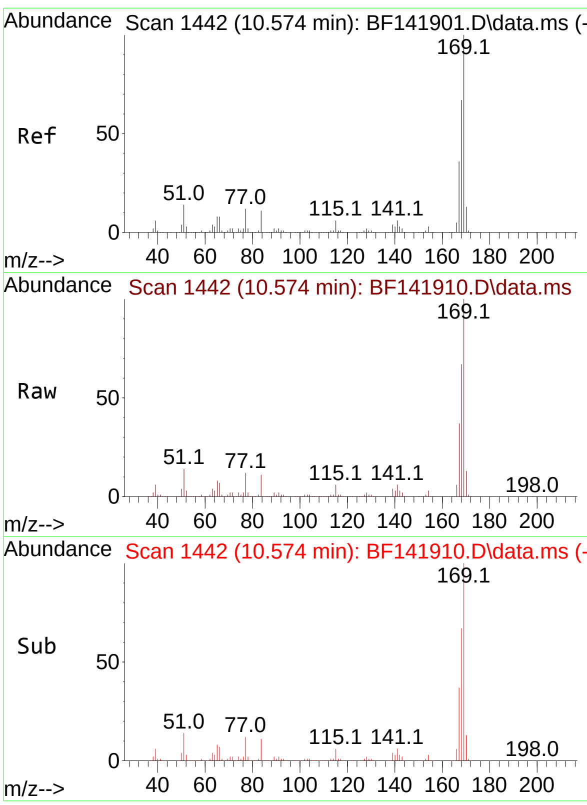


#65
4,6-Dinitro-2-methylphenol
Concen: 39.988 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:198 Resp: 195453

Ion	Ratio	Lower	Upper
198	100		
51	41.4	22.3	62.3
105	42.9	23.0	63.0

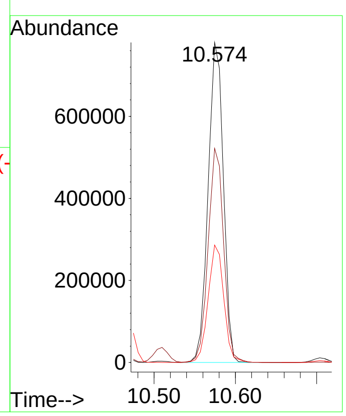




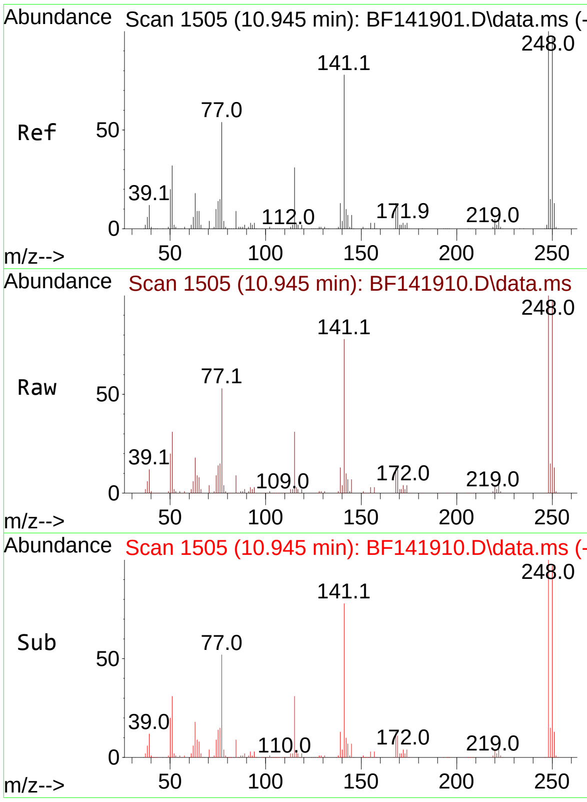
#66
n-Nitrosodiphenylamine
Concen: 38.251 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:169 Resp: 1014883

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.7	80.5
167	36.7	29.2	43.8



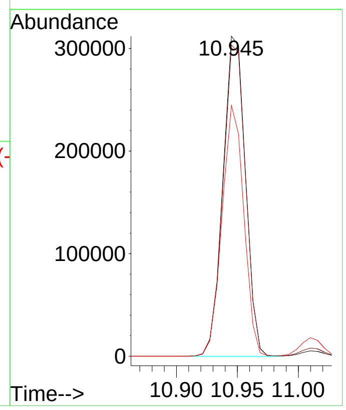
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

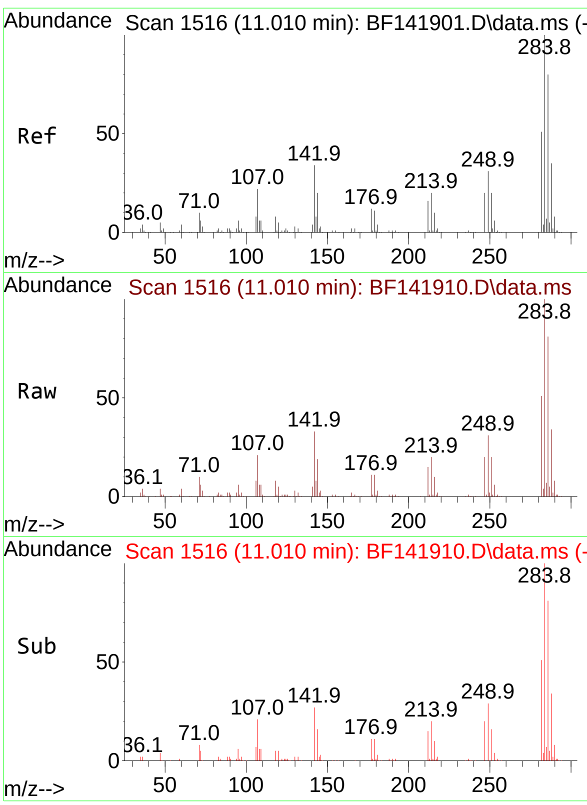


#67
4-Bromophenyl-phenylether
Concen: 39.001 ng
RT: 10.945 min Scan# 15
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:248 Resp: 401588

Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.8	116.8
141	78.3	62.6	93.8

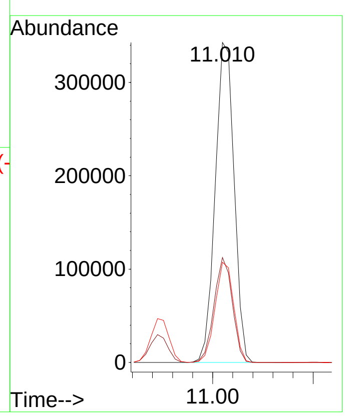




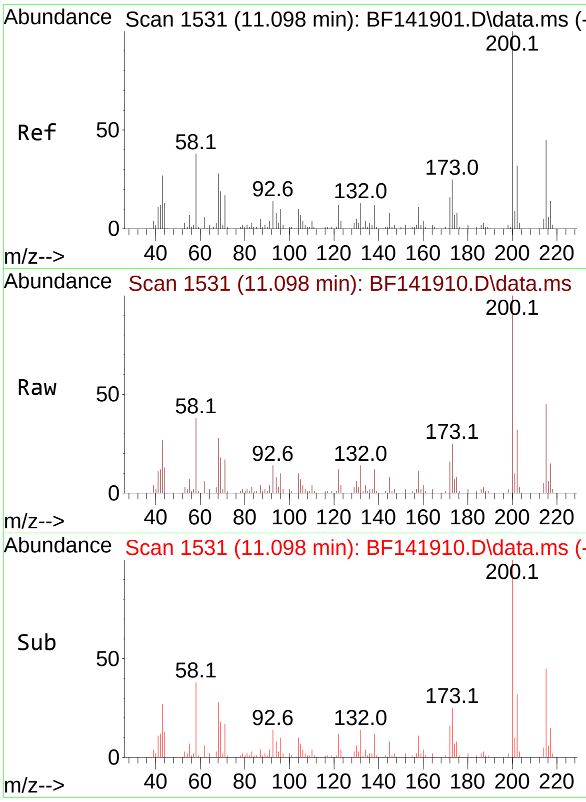
#68
Hexachlorobenzene
Concen: 39.703 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:284 Resp: 448381

Ion	Ratio	Lower	Upper
284	100		
142	32.8	27.0	40.6
249	31.3	25.2	37.8

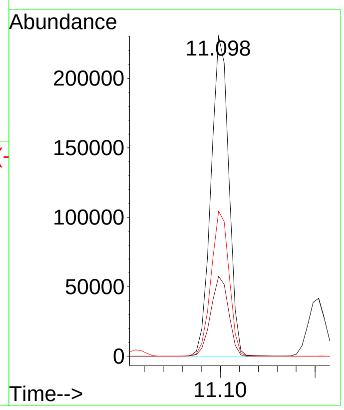


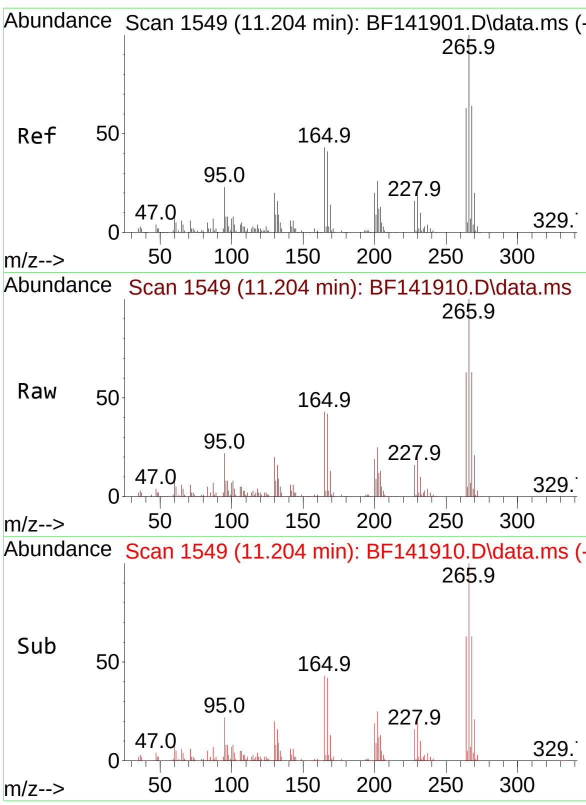
Instrument :	BNA_F
ClientSampleId :	SSTDCCC040




```
#69
Atrazine
Concen:   36.855 ng
RT:  11.098 min  Scan# 1
Delta R.T.  -0.000 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

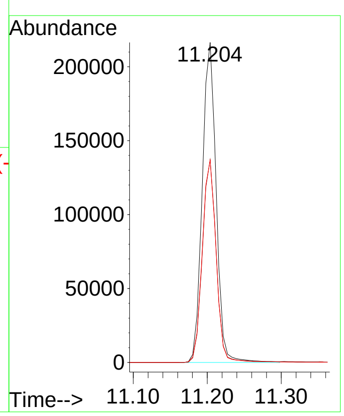
Tgt Ion:200 Resp:  299767
Ion  Ratio  Lower  Upper
200  100
173   25.0    4.7   44.7
215   45.3   25.4   65.4
```



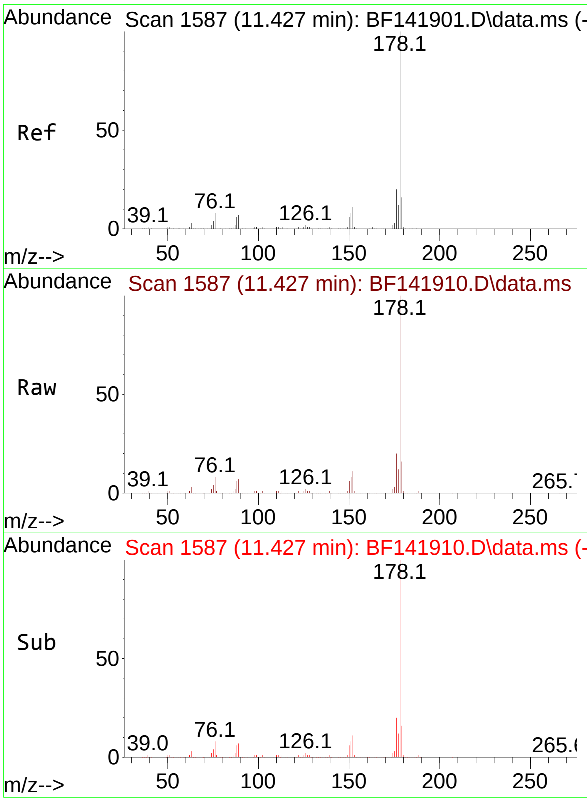



```
#70
Pentachlorophenol
Concen:   40.651 ng
RT:  11.204 min  Scan# 1549
Delta R.T.  0.000 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

Tgt Ion:266 Resp:  282858
Ion  Ratio  Lower  Upper
266  100
268   63.3   51.0   76.6
264   63.2   50.2   75.2
```



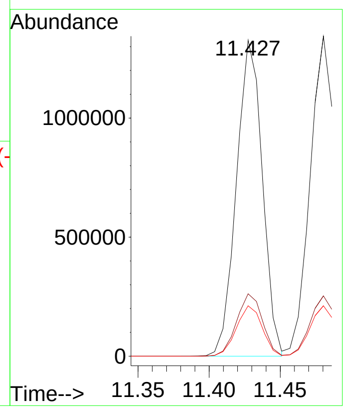
Instrument : BNA_F
ClientSampleId : SSTDCCC040

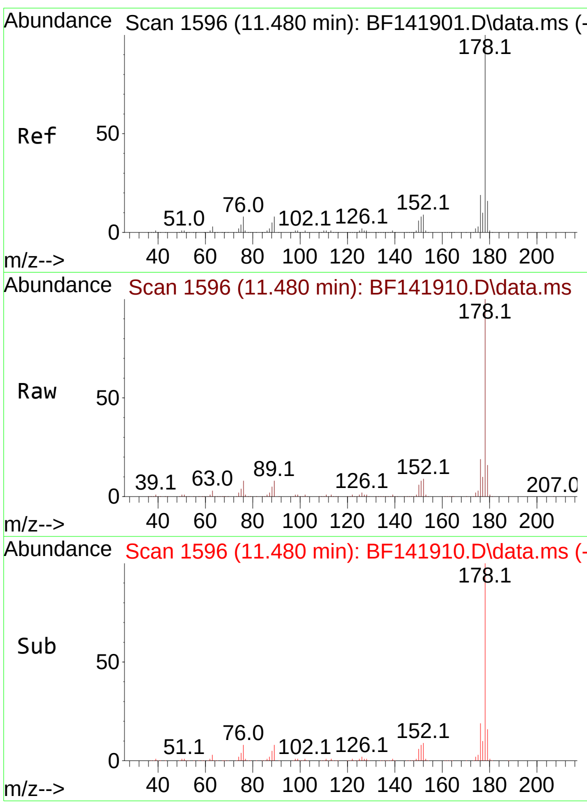


#71
Phenanthrene
Concen: 38.045 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:178 Resp: 1684816

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.9	12.6	19.0

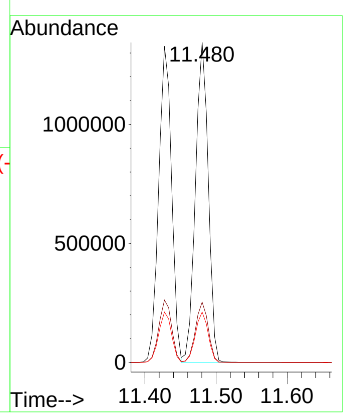




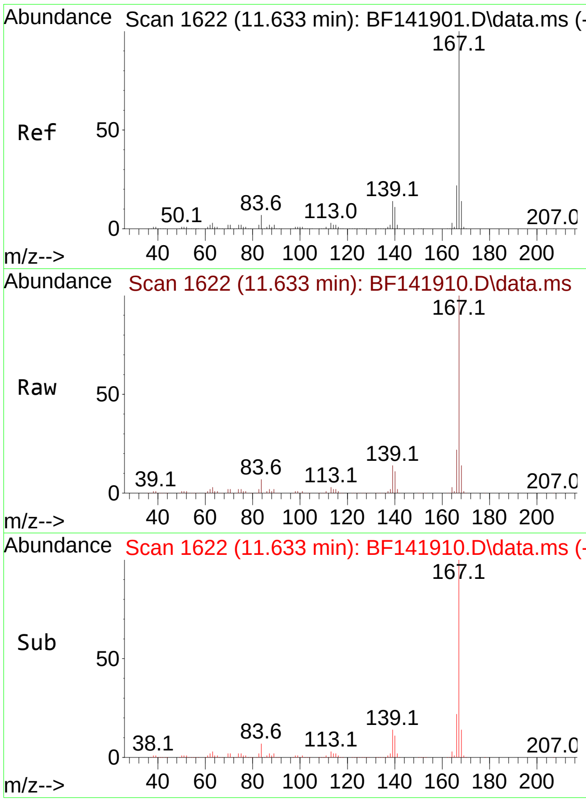
#72
Anthracene
Concen: 38.043 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:178 Resp: 1690241

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.8	12.6	19.0

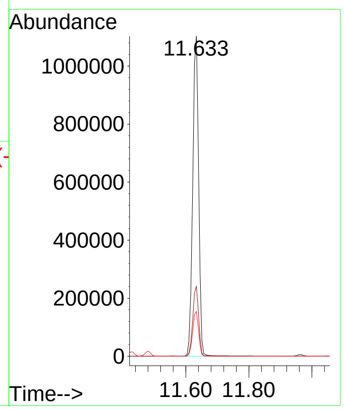


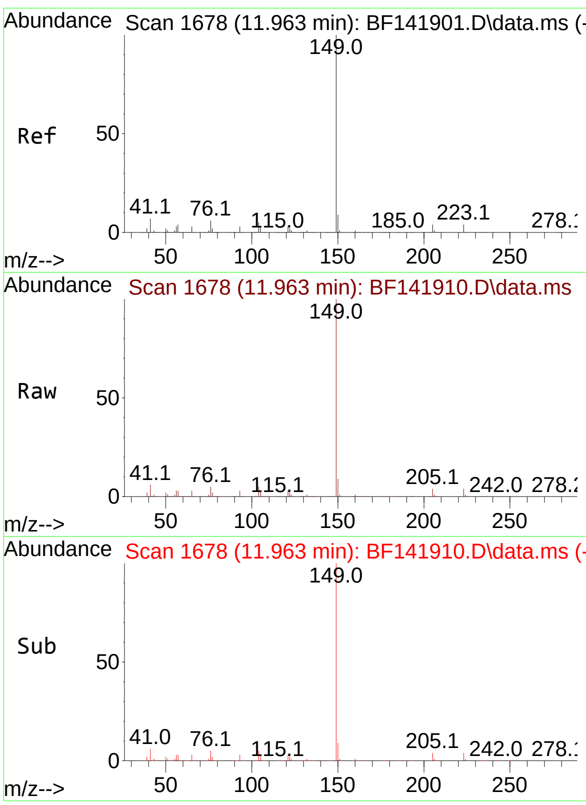
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040




```
#73
Carbazole
Concen:   37.829 ng
RT:  11.633 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

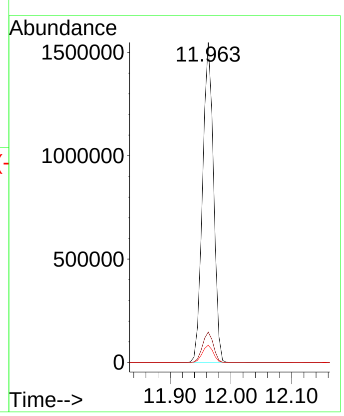
Tgt Ion:167 Resp: 1449478
Ion  Ratio  Lower  Upper
167  100
166   21.8   17.4   26.2
139   14.0   11.0   16.6
```



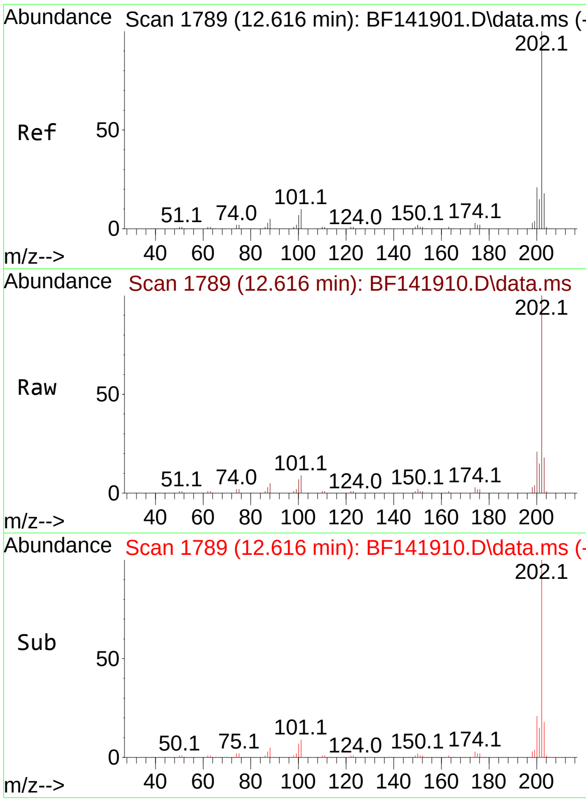



```
#74
Di-n-butylphthalate
Concen:   37.945 ng
RT:  11.963 min  Scan# 1678
Delta R.T.  0.000 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

Tgt Ion:149 Resp: 1929199
Ion  Ratio  Lower  Upper
149  100
150    9.5    7.6   11.4
104    5.4    4.4    6.6
```

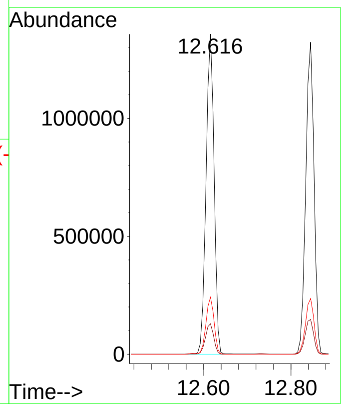


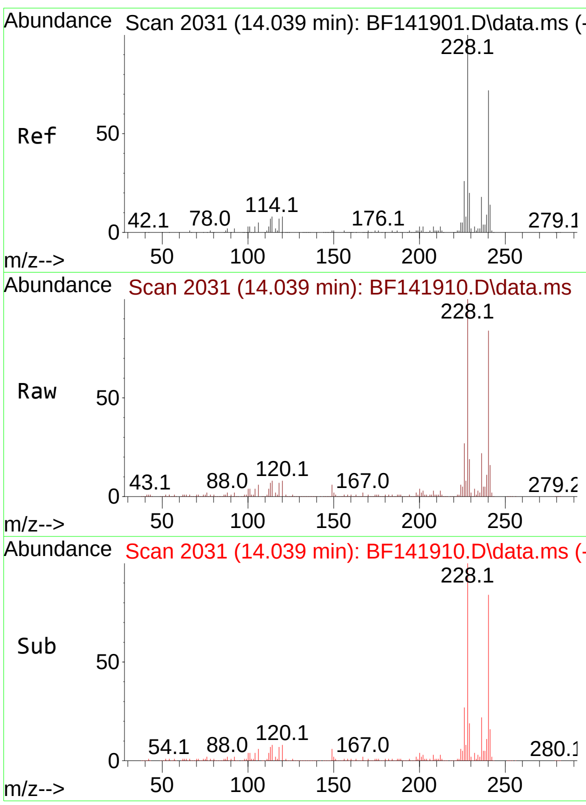
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040




```
#75
Fluoranthene
Concen:   37.256 ng
RT:  12.616 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

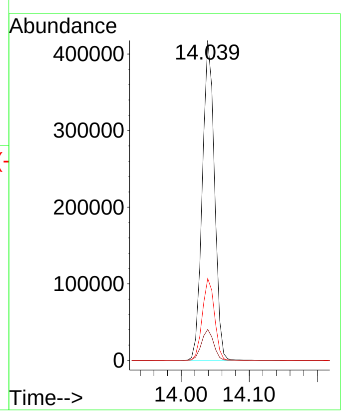
Tgt Ion:202 Resp: 1750151
Ion  Ratio  Lower  Upper
202  100
101    9.5    0.0   29.7
203   17.8    0.0   37.8
```



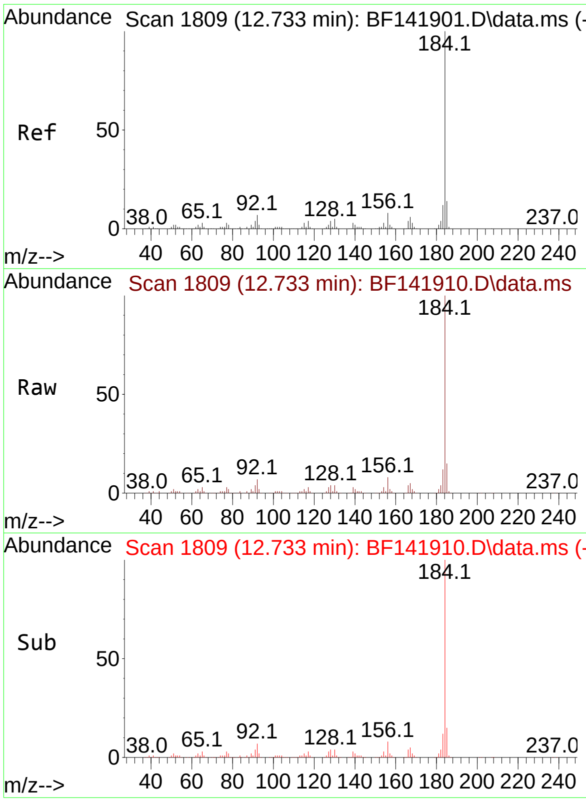



```
#76
Chrysene-d12
Concen:   20.000 ng
RT:  14.039 min  Scan# 2031
Delta R.T.  0.000 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

Tgt Ion:240 Resp:  519479
Ion  Ratio  Lower  Upper
240  100
120    9.7    8.4   12.6
236   25.6   20.5   30.7
```

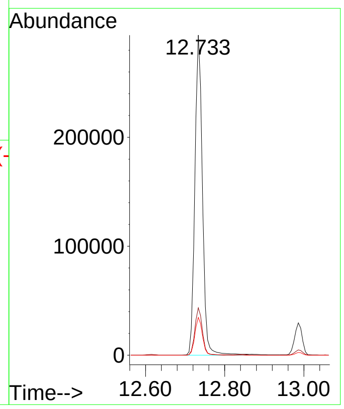


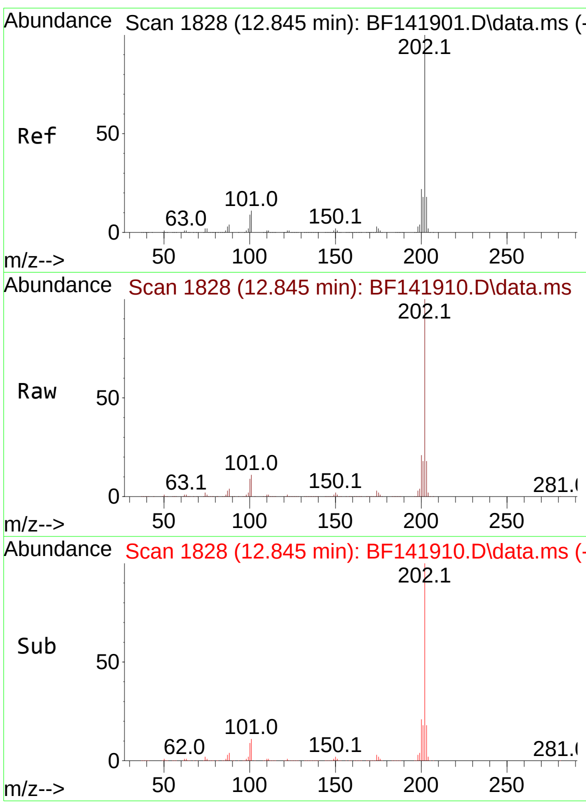
Instrument : BNA_F
ClientSampleId : SSTDCCC040




```
#77
Benzidine
Concen:   54.153 ng
RT:  12.733 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

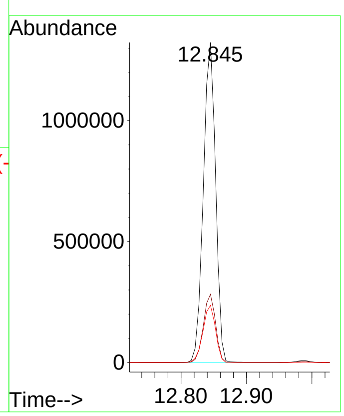
Tgt Ion:184 Resp:  392482
Ion  Ratio  Lower  Upper
184  100
185   14.8   11.5   17.3
183   11.8    9.7   14.5
```

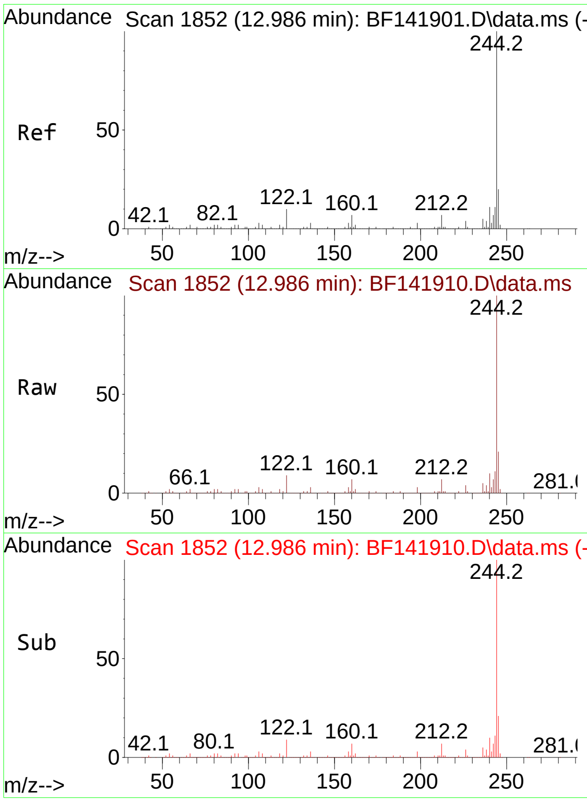





```
#78
Pyrene
Concen:   38.418 ng
RT:  12.845 min  Scan# 1828
Delta R.T.  0.000 min
Lab File:   BF141910.D
Acq: 11 Mar 2025  11:51

Tgt Ion:202 Resp: 1726338
Ion  Ratio  Lower  Upper
202  100
200   21.3   17.3   25.9
203   17.9   14.4   21.6
```



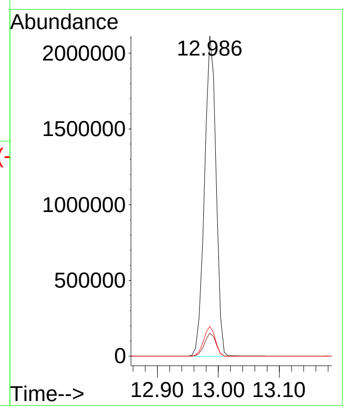


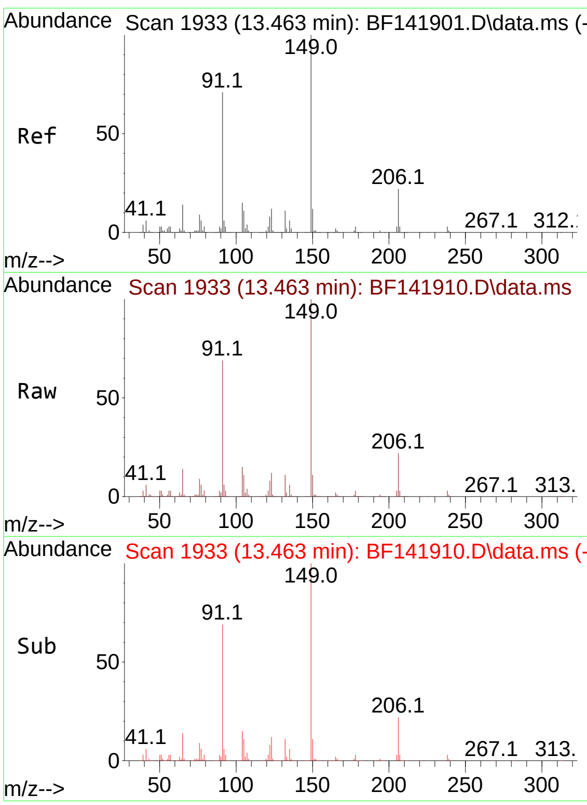
#79
Terphenyl-d14
Concen: 79.004 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 2775945

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	9.3	7.7	11.5

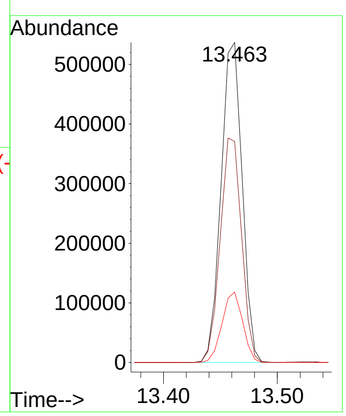




#80
Butylbenzylphthalate
Concen: 39.548 ng
RT: 13.463 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

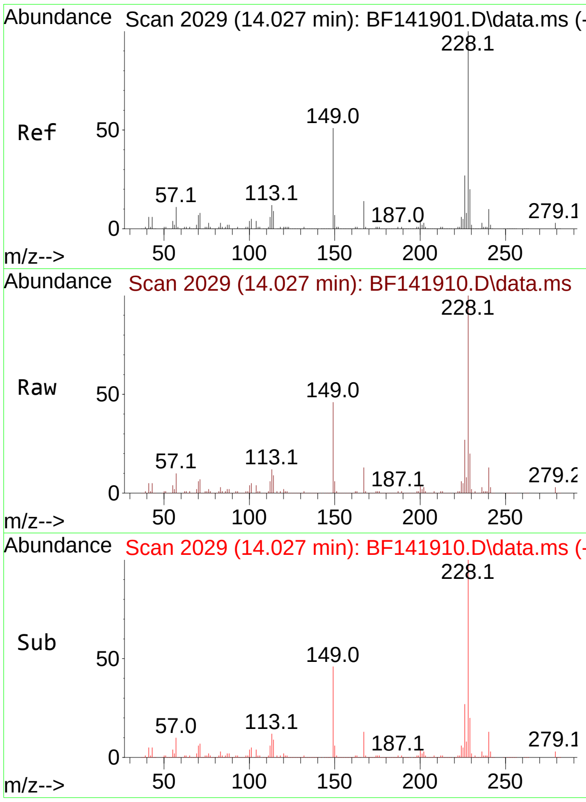
Tgt Ion:149 Resp: 695571

Ion	Ratio	Lower	Upper
149	100		
91	69.1	56.5	84.7
206	22.0	17.3	25.9



Sample Results: **BF141910.D**

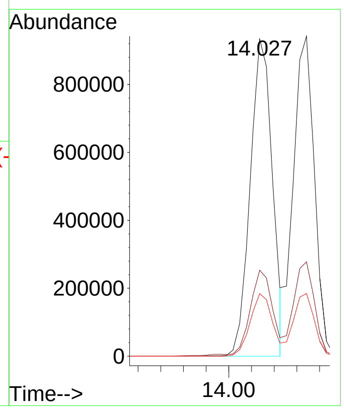
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

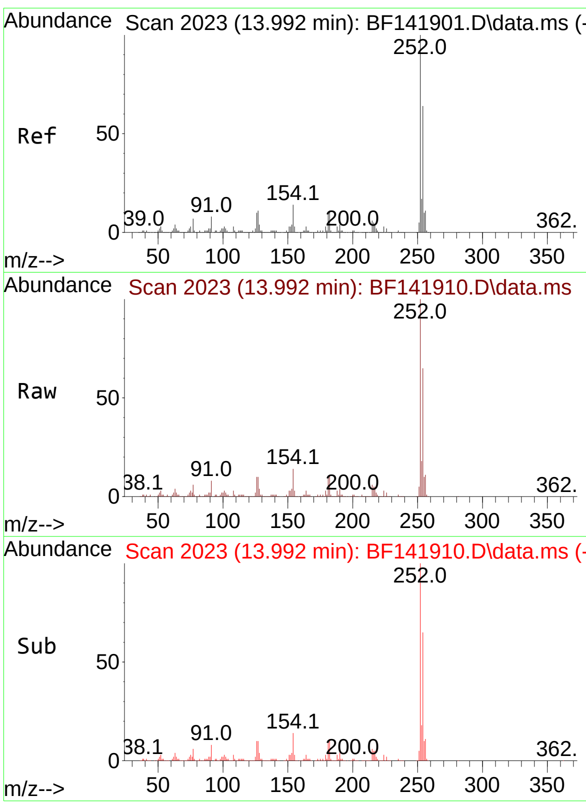


#81
Benzo(a)anthracene
Concen: 37.144 ng
RT: 14.027 min   Scan# 20
Delta R.T.   0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025   11:51

Tgt Ion:228 Resp: 1266188

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.7	16.0	24.0

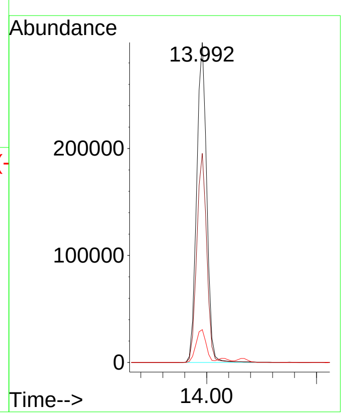




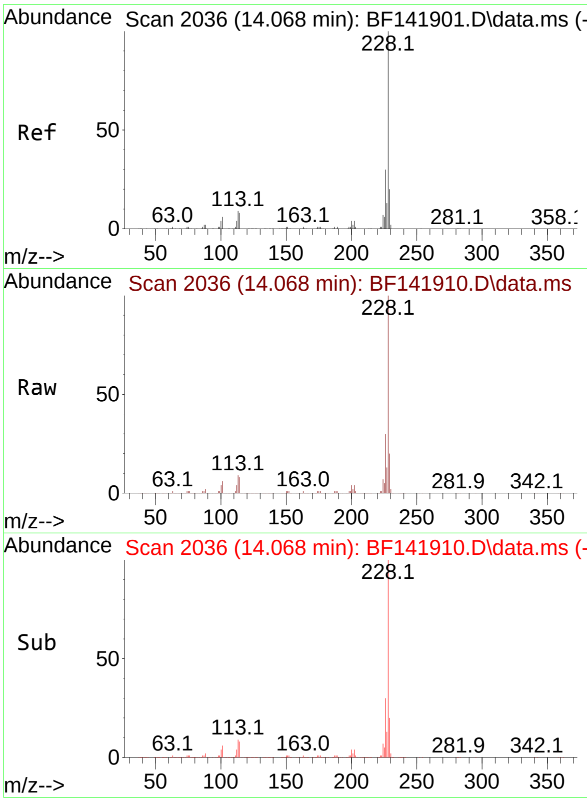
#82
3,3'-Dichlorobenzidine
Concen: 38.611 ng
RT: 13.992 min   Scan# 2023
Delta R.T.   0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025   11:51

Tgt Ion:252 Resp: 380363

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.0	76.6
126	10.3	8.4	12.6



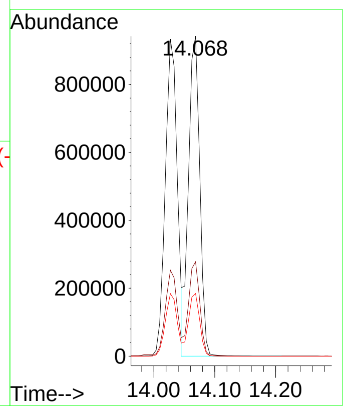
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

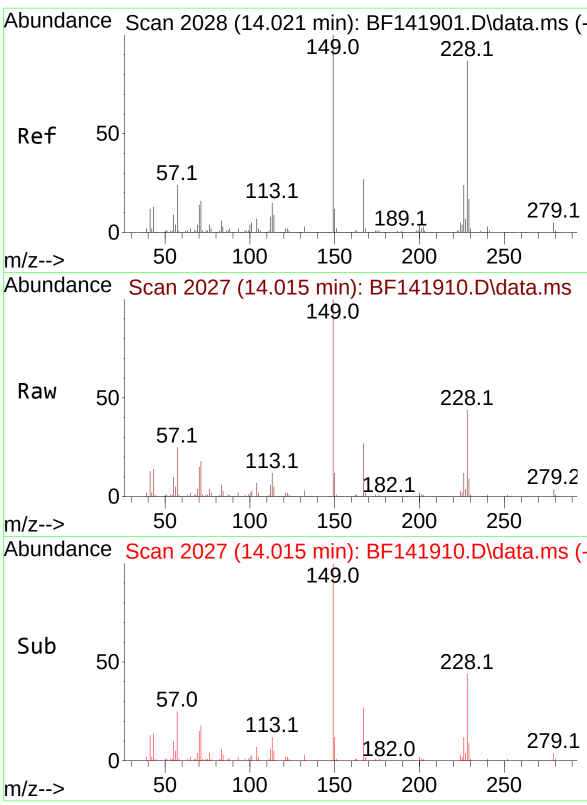


#83
Chrysene
Concen: 39.306 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:228 Resp: 1214561

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.6	15.7	23.5

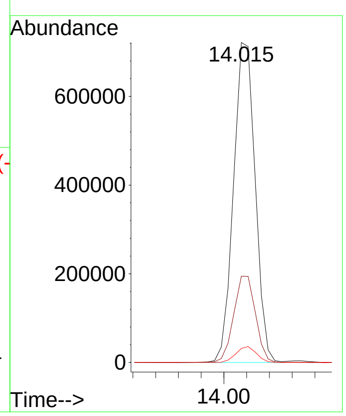




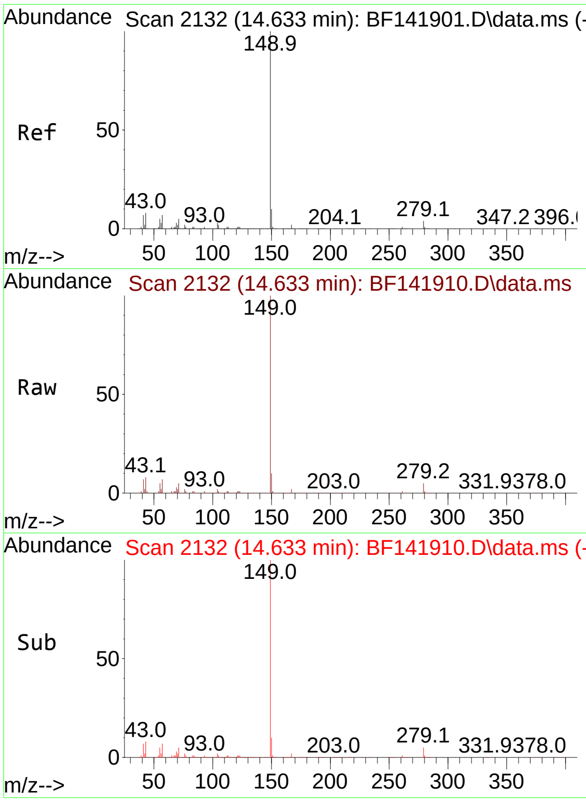
#84
Bis(2-ethylhexyl)phthalate
Concen: 39.447 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:149 Resp: 956586

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.4	32.0
279	4.4	3.8	5.6



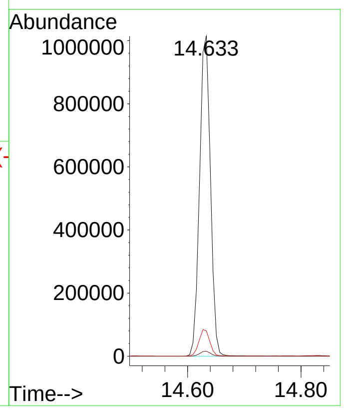
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

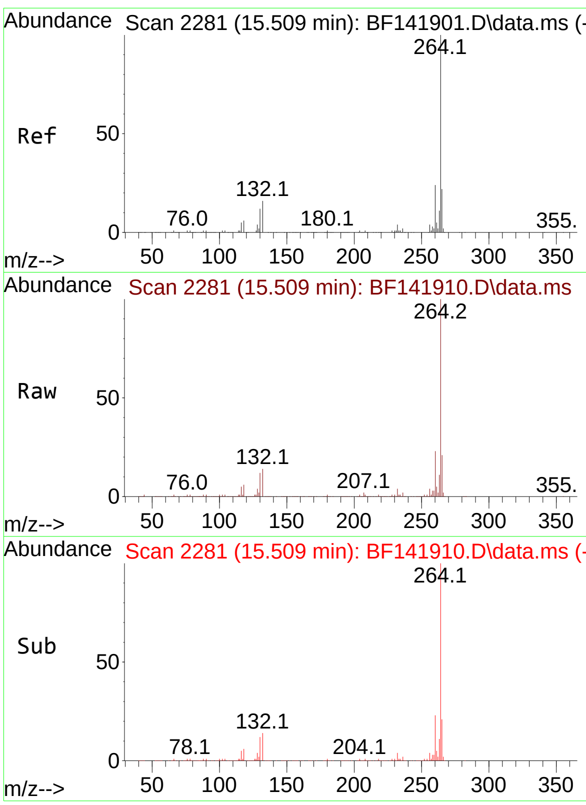


#85
Di-n-octyl phthalate
Concen: 40.262 ng
RT: 14.633 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:149 Resp: 1358481

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.9	10.3

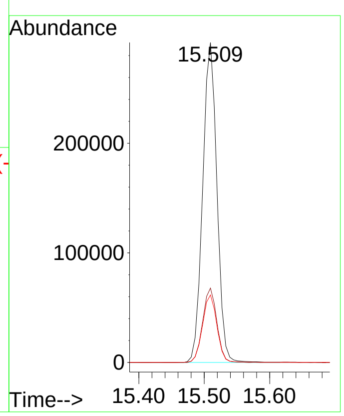


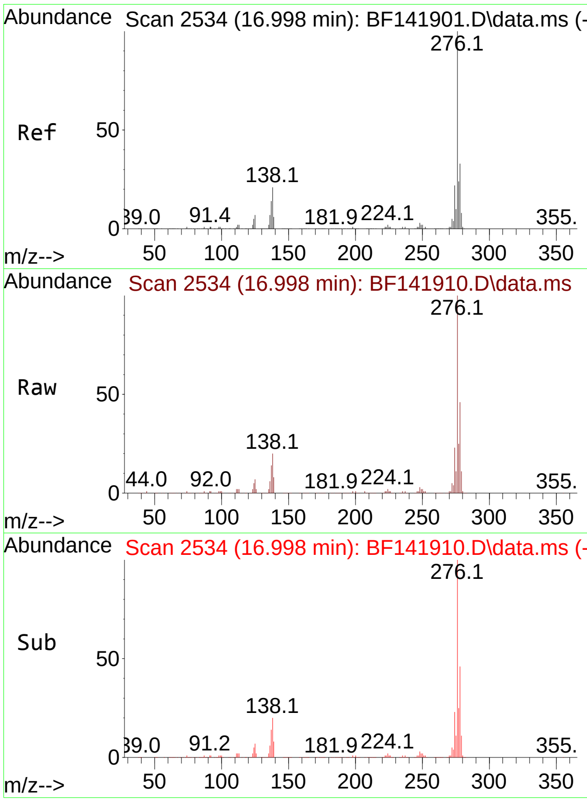


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:264 Resp: 442953

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.1	17.5	26.3



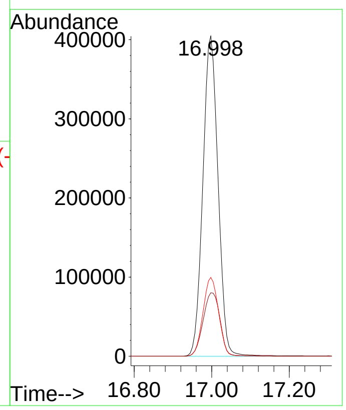


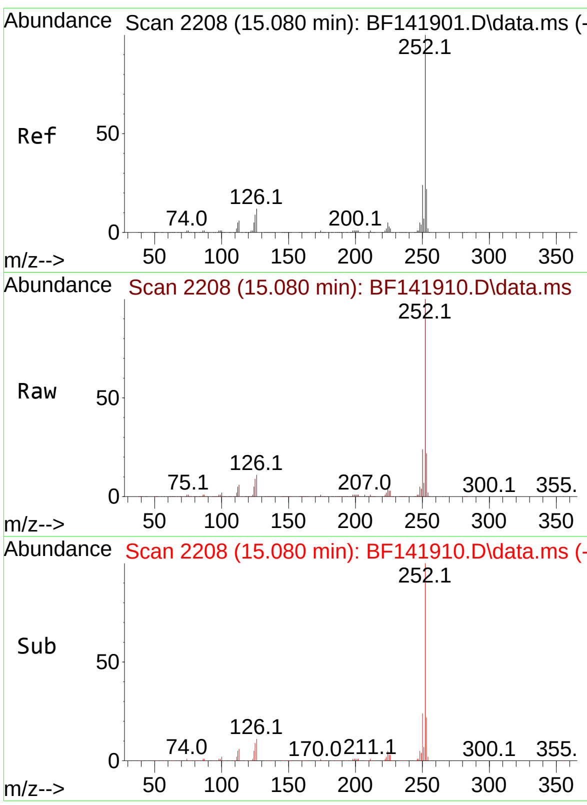
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.348 ng
RT: 16.998 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Tgt Ion:276 Resp: 1098821

Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.4	27.6
277	25.3	20.3	30.5

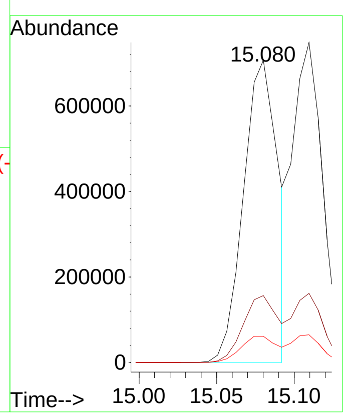




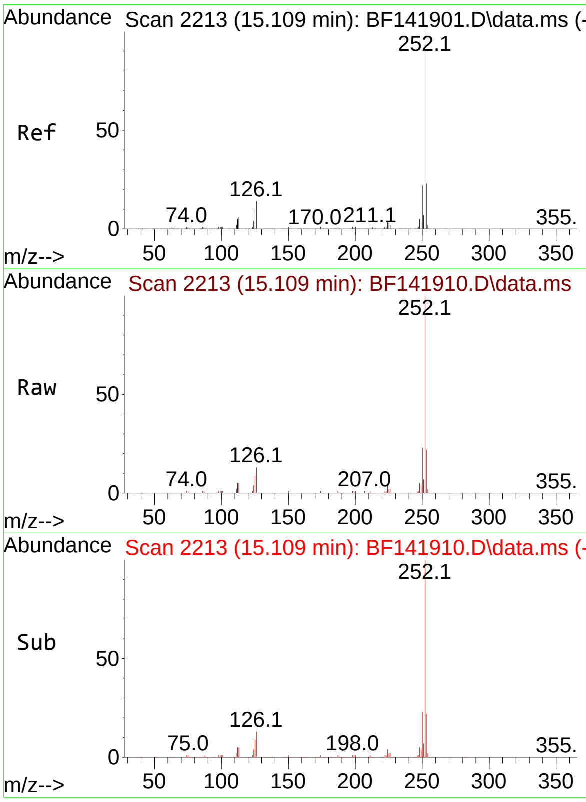
#88
Benzo(b)fluoranthene
Concen: 35.721 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:252 Resp: 1084408

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	8.7	7.0	10.4



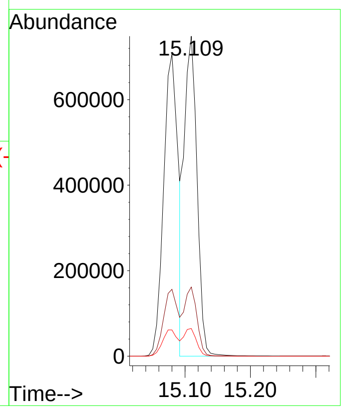
Instrument : BNA_F
ClientSampleId : SSTDCCC040

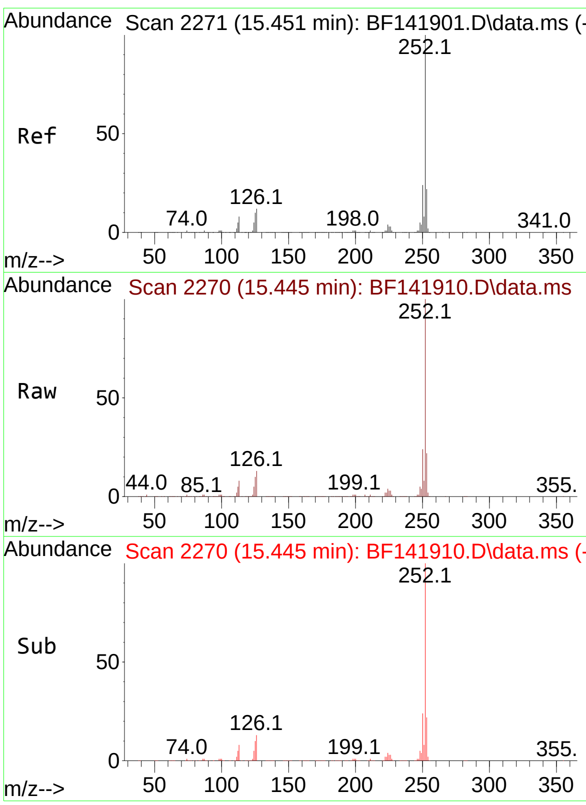


#89
Benzo(k)fluoranthene
Concen: 38.924 ng
RT: 15.109 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:252 Resp: 1011237

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	8.6	7.2	10.8

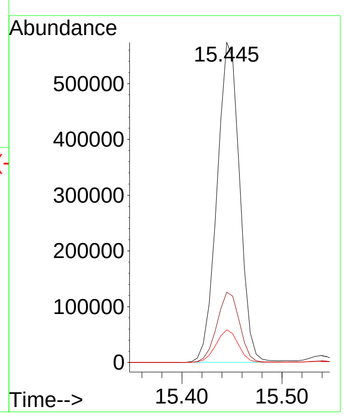




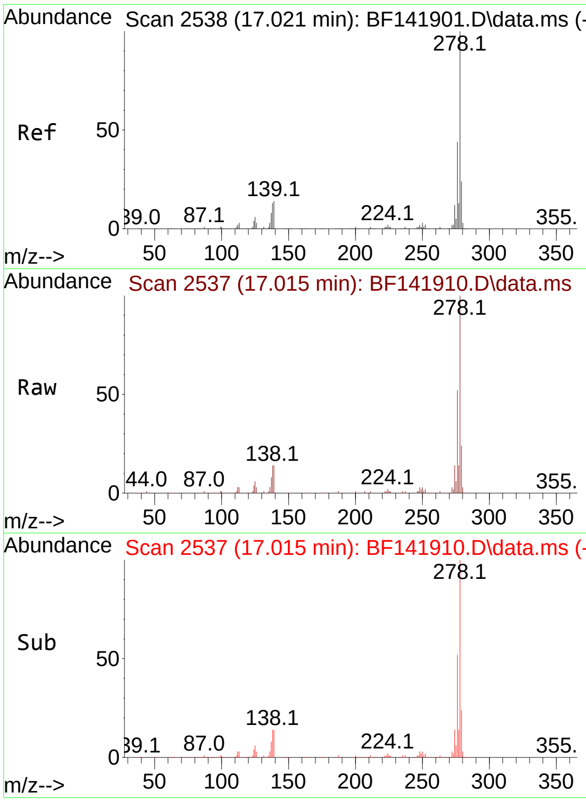
#90
Benzo(a)pyrene
Concen: 38.039 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:252 Resp: 903590

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.2	7.8	11.8



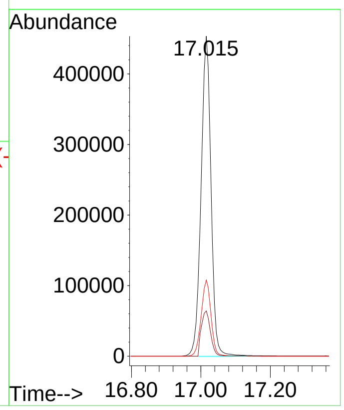
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

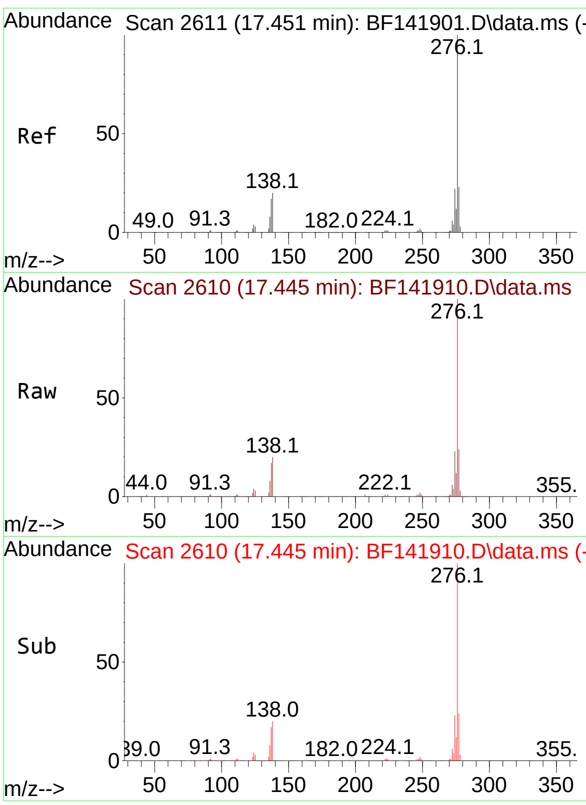


#91
Dibenzo(a,h)anthracene
Concen: 38.270 ng
RT: 17.015 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:278 Resp: 904778

Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.4	17.2
279	23.8	18.8	28.2

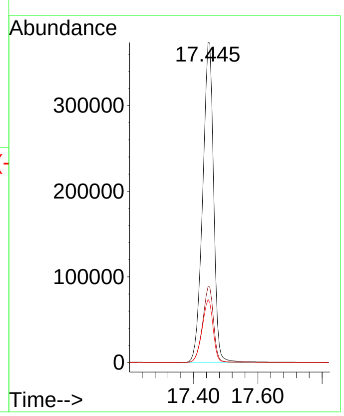




#92
Benzo(g,h,i)perylene
Concen: 37.923 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF141910.D
Acq: 11 Mar 2025 11:51

Tgt Ion:276 Resp: 885987

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	19.7	15.8	23.8



Sample Results: **BF141910.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141910.D
Acq On : 11 Mar 2025 11:51
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 11 12:36:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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	96	0.00
2		1,4-Dioxane	0.502	0.488	2.8	92	0.00
3		Pyridine	1.232	1.195	3.0	94	0.00
4		n-Nitrosodimethylamine	0.587	0.569	3.1	93	0.00
5	S	2-Fluorophenol	1.198	1.135	5.3	94	0.00
6		Aniline	1.505	1.454	3.4	95	0.00
7	S	Phenol-d6	1.526	1.442	5.5	96	0.00
8		2-Chlorophenol	1.329	1.273	4.2	97	0.00
9		Benzaldehyde	0.853	0.793	7.0	97	0.00
10	C	Phenol	1.605	1.529	4.7	95	0.00
11		bis(2-Chloroethyl)ether	1.205	1.137	5.6	95	0.00
12		1,3-Dichlorobenzene	1.435	1.369	4.6	95	0.00
13	C	1,4-Dichlorobenzene	1.452	1.395	3.9	96	0.00
14		1,2-Dichlorobenzene	1.367	1.303	4.7	95	0.00
15		Benzyl Alcohol	1.233	1.189	3.6	96	0.00
16		2,2'-oxybis(1-Chloropropane	1.455	1.336	8.2	94	0.00
17		2-Methylphenol	1.057	1.011	4.4	96	0.00
18		Hexachloroethane	0.544	0.529	2.8	98	0.00
19	P	n-Nitroso-di-n-propylamine	0.980	0.910	7.1	95	0.00
20		3+4-Methylphenols	1.354	1.288	4.9	95	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	96	0.00
22		Acetophenone	0.479	0.454	5.2	95	0.00
23	S	Nitrobenzene-d5	0.355	0.347	2.3	96	0.00
24		Nitrobenzene	0.353	0.343	2.8	95	0.00
25		Isophorone	0.628	0.601	4.3	96	0.00
26	C	2-Nitrophenol	0.173	0.178	-2.9	98	0.00
27		2,4-Dimethylphenol	0.239	0.233	2.5	97	0.00
28		bis(2-Chloroethoxy)methane	0.394	0.375	4.8	97	0.00
29	C	2,4-Dichlorophenol	0.296	0.287	3.0	96	0.00
30		1,2,4-Trichlorobenzene	0.327	0.315	3.7	98	0.00
31		Naphthalene	1.027	0.978	4.8	96	0.00
32		Benzoic acid	0.210	0.220	-4.8	102	0.00
33		4-Chloroaniline	0.363	0.349	3.9	95	0.00
34	C	Hexachlorobutadiene	0.213	0.209	1.9	99	0.00
35		Caprolactam	0.090	0.086	4.4	98	0.00
36	C	4-Chloro-3-methylphenol	0.331	0.318	3.9	96	0.00
37		2-Methylnaphthalene	0.687	0.664	3.3	98	0.00
38		1-Methylnaphthalene	0.663	0.631	4.8	97	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	97	0.00
40		1,2,4,5-Tetrachlorobenzene	0.609	0.593	2.6	97	0.00
41	P	Hexachlorocyclopentadiene	0.238	0.241	-1.3	93	0.00
42	S	2,4,6-Tribromophenol	0.254	0.255	-0.4	99	0.00
43	C	2,4,6-Trichlorophenol	0.398	0.399	-0.3	97	0.00
44		2,4,5-Trichlorophenol	0.403	0.389	3.5	97	0.00
45	S	2-Fluorobiphenyl	1.315	1.239	5.8	96	0.00
46		1,1'-Biphenyl	1.520	1.464	3.7	98	0.00
47		2-Chloronaphthalene	1.133	1.095	3.4	97	0.00

Sample Results: **BF141910.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141910.D
Acq On : 11 Mar 2025 11:51
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 11 12:36:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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	0.328	0.321	2.1	97	0.00
49	Acenaphthylene	1.681	1.623	3.5	96	0.00
50	Dimethylphthalate	1.401	1.340	4.4	98	0.00
51	2,6-Dinitrotoluene	0.292	0.292	0.0	99	0.00
52 C	Acenaphthene	1.181	1.139	3.6	96	0.00
53	3-Nitroaniline	0.296	0.289	2.4	96	0.00
54 P	2,4-Dinitrophenol	0.139	0.143	-2.9	98	0.00
55	Dibenzofuran	1.688	1.616	4.3	97	0.00
56 P	4-Nitrophenol	0.223	0.221	0.9	93	0.00
57	2,4-Dinitrotoluene	0.381	0.381	0.0	98	0.00
58	Fluorene	1.302	1.239	4.8	98	0.00
59	2,3,4,6-Tetrachlorophenol	0.367	0.366	0.3	99	0.00
60	Diethylphthalate	1.397	1.338	4.2	97	0.00
61	4-Chlorophenyl-phenylether	0.679	0.657	3.2	99	0.00
62	4-Nitroaniline	0.288	0.280	2.8	94	0.00
63	Azobenzene	1.298	1.247	3.9	97	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	0.119	0.119	0.0	96	0.00
66 c	n-Nitrosodiphenylamine	0.647	0.619	4.3	97	0.00
67	4-Bromophenyl-phenylether	0.251	0.245	2.4	98	0.00
68	Hexachlorobenzene	0.275	0.273	0.7	99	0.00
69	Atrazine	0.198	0.183	7.6	109	0.00
70 C	Pentachlorophenol	0.170	0.172	-1.2	95	0.00
71	Phenanthrene	1.080	1.027	4.9	97	0.00
72	Anthracene	1.084	1.031	4.9	96	0.00
73	Carbazole	0.935	0.884	5.5	95	0.00
74	Di-n-butylphthalate	1.240	1.176	5.2	98	0.00
75 C	Fluoranthene	1.146	1.067	6.9	94	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	91	0.00
77	Benzidine	0.279	0.378	-35.5#	96	0.00
78	Pyrene	1.730	1.662	3.9	94	0.00
79 S	Terphenyl-d14	1.353	1.336	1.3	95	0.00
80	Butylbenzylphthalate	0.677	0.669	1.2	93	0.00
81	Benzo(a)anthracene	1.312	1.219	7.1	87	0.00
82	3,3'-Dichlorobenzidine	0.379	0.366	3.4	90	0.00
83	Chrysene	1.190	1.169	1.8	94	0.00
84	Bis(2-ethylhexyl)phthalate	0.934	0.921	1.4	93	0.00
85 c	Di-n-octyl phthalate	1.299	1.308	-0.7	94	0.00
86 I	Perylene-d12	1.000	1.000	0.0	94	0.00
87	Indeno(1,2,3-cd)pyrene	1.294	1.240	4.2	91	0.00
88	Benzo(b)fluoranthene	1.371	1.224	10.7	95	0.00
89	Benzo(k)fluoranthene	1.173	1.141	2.7	89	0.00
90 C	Benzo(a)pyrene	1.073	1.020	4.9	93	0.00
91	Dibenzo(a,h)anthracene	1.067	1.021	4.3	90	0.00
92	Benzo(g,h,i)perylene	1.055	1.000	5.2	89	0.00

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141910.D
Acq On    : 11 Mar 2025  11:51
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 11 12:36:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration
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Instrument :
BNA_F
LabSampleId :
SSTDCCC040

```
Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%

       Compound                      AvgRF   CCRF      %Dev Area% Dev(min)
-------------------------------------------------------------------------

  (#) = Out of Range               SPCC's out = 0  CCC's out = 0
```

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141910.D
Acq On : 11 Mar 2025 11:51
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 11 12:36:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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	96	0.00
2		1,4-Dioxane	40.000	38.891	2.8	92	0.00
3		Pyridine	40.000	38.824	2.9	94	0.00
4		n-Nitrosodimethylamine	40.000	38.747	3.1	93	0.00
5	S	2-Fluorophenol	80.000	75.745	5.3	94	0.00
6		Aniline	40.000	38.634	3.4	95	0.00
7	S	Phenol-d6	80.000	75.624	5.5	96	0.00
8		2-Chlorophenol	40.000	38.309	4.2	97	0.00
9		Benzaldehyde	40.000	37.180	7.1	97	0.00
10	C	Phenol	40.000	38.098	4.8	95	0.00
11		bis(2-Chloroethyl)ether	40.000	37.748	5.6	95	0.00
12		1,3-Dichlorobenzene	40.000	38.163	4.6	95	0.00
13	C	1,4-Dichlorobenzene	40.000	38.438	3.9	96	0.00
14		1,2-Dichlorobenzene	40.000	38.106	4.7	95	0.00
15		Benzyl Alcohol	40.000	38.547	3.6	96	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.712	8.2	94	0.00
17		2-Methylphenol	40.000	38.255	4.4	96	0.00
18		Hexachloroethane	40.000	38.853	2.9	98	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.118	7.2	95	0.00
20		3+4-Methylphenols	40.000	38.055	4.9	95	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	96	0.00
22		Acetophenone	40.000	37.949	5.1	95	0.00
23	S	Nitrobenzene-d5	80.000	78.146	2.3	96	0.00
24		Nitrobenzene	40.000	38.869	2.8	95	0.00
25		Isophorone	40.000	38.255	4.4	96	0.00
26	C	2-Nitrophenol	40.000	41.039	-2.6	98	0.00
27		2,4-Dimethylphenol	40.000	39.112	2.2	97	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.044	4.9	97	0.00
29	C	2,4-Dichlorophenol	40.000	38.695	3.3	96	0.00
30		1,2,4-Trichlorobenzene	40.000	38.575	3.6	98	0.00
31		Naphthalene	40.000	38.085	4.8	96	0.00
32		Benzoic acid	40.000	41.912	-4.8	102	0.00
33		4-Chloroaniline	40.000	38.457	3.9	95	0.00
34	C	Hexachlorobutadiene	40.000	39.286	1.8	99	0.00
35		Caprolactam	40.000	38.112	4.7	98	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.467	3.8	96	0.00
37		2-Methylnaphthalene	40.000	38.672	3.3	98	0.00
38		1-Methylnaphthalene	40.000	38.099	4.8	97	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	97	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.978	2.6	97	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.373	-0.9	93	0.00
42	S	2,4,6-Tribromophenol	80.000	80.359	-0.4	99	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.071	-0.2	97	0.00
44		2,4,5-Trichlorophenol	40.000	38.614	3.5	97	0.00
45	S	2-Fluorobiphenyl	80.000	75.388	5.8	96	0.00
46		1,1'-Biphenyl	40.000	38.525	3.7	98	0.00
47		2-Chloronaphthalene	40.000	38.666	3.3	97	0.00

Sample Results: **BF141910.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141910.D
Acq On : 11 Mar 2025 11:51
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 11 12:36:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	39.109	2.2	97	0.00
49	Acenaphthylene	40.000	38.616	3.5	96	0.00
50	Dimethylphthalate	40.000	38.265	4.3	98	0.00
51	2,6-Dinitrotoluene	40.000	40.079	-0.2	99	0.00
52 C	Acenaphthene	40.000	38.576	3.6	96	0.00
53	3-Nitroaniline	40.000	39.135	2.2	96	0.00
54 P	2,4-Dinitrophenol	40.000	38.237	4.4	98	0.00
55	Dibenzofuran	40.000	38.292	4.3	97	0.00
56 P	4-Nitrophenol	40.000	39.683	0.8	93	0.00
57	2,4-Dinitrotoluene	40.000	39.975	0.1	98	0.00
58	Fluorene	40.000	38.073	4.8	98	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.950	0.1	99	0.00
60	Diethylphthalate	40.000	38.320	4.2	97	0.00
61	4-Chlorophenyl-phenylether	40.000	38.726	3.2	99	0.00
62	4-Nitroaniline	40.000	38.925	2.7	94	0.00
63	Azobenzene	40.000	38.408	4.0	97	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.988	0.0	96	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.251	4.4	97	0.00
67	4-Bromophenyl-phenylether	40.000	39.001	2.5	98	0.00
68	Hexachlorobenzene	40.000	39.703	0.7	99	0.00
69	Atrazine	40.000	36.855	7.9	109	0.00
70 C	Pentachlorophenol	40.000	40.651	-1.6	95	0.00
71	Phenanthrene	40.000	38.045	4.9	97	0.00
72	Anthracene	40.000	38.043	4.9	96	0.00
73	Carbazole	40.000	37.829	5.4	95	0.00
74	Di-n-butylphthalate	40.000	37.945	5.1	98	0.00
75 C	Fluoranthene	40.000	37.256	6.9	94	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	91	0.00
77	Benzidine	40.000	54.153	-35.4#	96	0.00
78	Pyrene	40.000	38.418	4.0	94	0.00
79 S	Terphenyl-d14	80.000	79.004	1.2	95	0.00
80	Butylbenzylphthalate	40.000	39.548	1.1	93	0.00
81	Benzo(a)anthracene	40.000	37.144	7.1	87	0.00
82	3,3'-Dichlorobenzidine	40.000	38.611	3.5	90	0.00
83	Chrysene	40.000	39.306	1.7	94	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.447	1.4	93	0.00
85 c	Di-n-octyl phthalate	40.000	40.262	-0.7	94	0.00
86 I	Perylene-d12	20.000	20.000	0.0	94	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	38.348	4.1	91	0.00
88	Benzo(b)fluoranthene	40.000	35.721	10.7	95	0.00
89	Benzo(k)fluoranthene	40.000	38.924	2.7	89	0.00
90 C	Benzo(a)pyrene	40.000	38.039	4.9	93	0.00
91	Dibenzo(a,h)anthracene	40.000	38.270	4.3	90	0.00
92	Benzo(g,h,i)perylene	40.000	37.923	5.2	89	0.00

Sample Results: **BF141910.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141910.D
Acq On    : 11 Mar 2025  11:51
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 11 12:36:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration
```

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

```
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: ENTA05

Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523 SDG No.: Q1523

Instrument ID: BNA_F Calibration Date/Time: 03/12/2025 10:08

Lab File ID: BF141931.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.232	1.184		-3.9	
2-Fluorophenol	1.198	1.173		-2.1	
Phenol-d6	1.526	1.445		-5.3	
1,4-Dichlorobenzene	1.452	1.392		-4.1	20.0
2-Methylphenol	1.057	0.974		-7.9	
3+4-Methylphenols	1.354	1.263		-6.7	
Nitrobenzene-d5	0.355	0.352		-0.8	
Hexachloroethane	0.544	0.519		-4.6	
Nitrobenzene	0.353	0.344		-2.5	
Hexachlorobutadiene	0.213	0.209		-1.9	20.0
2,4,6-Trichlorophenol	0.398	0.392		-1.5	20.0
2-Fluorobiphenyl	1.315	1.265		-3.8	
2,4,5-Trichlorophenol	0.403	0.388		-3.7	
2,4-Dinitrotoluene	0.381	0.389		2.1	
2,4,6-Tribromophenol	0.254	0.254		0.0	
Hexachlorobenzene	0.275	0.265		-3.6	
Pentachlorophenol	0.170	0.183		7.6	20.0
Terphenyl-d14	1.353	1.146		-15.3	

All other compounds must meet a minimum RRF of 0.010.

Quantitation Report (QT Reviewed)

Sample Results: **BF141931.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141931.D
Acq On : 12 Mar 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 12 11:51:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	164449	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	621435	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	348146	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	605778	20.000	ng	0.00
76) Chrysene-d12	14.039	240	481594	20.000	ng	0.00
86) Perylene-d12	15.510	264	422923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	771378	78.286	ng	0.00
7) Phenol-d6	6.504	99	950514	75.765	ng	0.00
23) Nitrobenzene-d5	7.445	82	873829	79.132	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	353302	79.992	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1761937	76.967	ng	0.00
79) Terphenyl-d14	12.986	244	2208503	67.799	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	159042	38.522	ng	99
3) Pyridine	3.416	79	389523	38.463	ng	99
4) n-Nitrosodimethylamine	3.363	42	184273	38.171	ng	100
6) Aniline	6.545	93	454140	36.695	ng	99
8) 2-Chlorophenol	6.669	128	417828	38.234	ng	99
9) Benzaldehyde	6.434	77	267628	38.143	ng	99
10) Phenol	6.516	94	505571	38.306	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	364772	36.807	ng	99
12) 1,3-Dichlorobenzene	6.822	146	449929	38.136	ng	100
13) 1,4-Dichlorobenzene	6.898	146	457684	38.341	ng	100
14) 1,2-Dichlorobenzene	7.051	146	430324	38.273	ng	99
15) Benzyl Alcohol	7.022	79	384745	37.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	415279	34.709	ng	99
17) 2-Methylphenol	7.128	107	320375	36.871	ng	99
18) Hexachloroethane	7.392	117	170661	38.125	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	281413	34.909	ng	99
20) 3+4-Methylphenols	7.281	107	415467	37.330	ng	95
22) Acetophenone	7.292	105	569612	38.275	ng	98
24) Nitrobenzene	7.463	77	427745	38.965	ng	99
25) Isophorone	7.698	82	721655	36.971	ng	99
26) 2-Nitrophenol	7.775	139	218139	40.487	ng	96
27) 2,4-Dimethylphenol	7.810	122	282241	38.044	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	453054	37.005	ng	99
29) 2,4-Dichlorophenol	8.016	162	353771	38.418	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	394814	38.905	ng	99
31) Naphthalene	8.186	128	1238698	38.804	ng	100
32) Benzoic acid	7.916	122	274940	42.159	ng	99
33) 4-Chloroaniline	8.228	127	425659	37.773	ng	100
34) Hexachlorobutadiene	8.304	225	260133	39.306	ng	99
35) Caprolactam	8.598	113	106653	37.989	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	387740	37.747	ng	98
37) 2-Methylnaphthalene	8.875	142	812618	38.085	ng	100
38) 1-Methylnaphthalene	8.975	142	781519	37.956	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	413640	39.024	ng	99
41) Hexachlorocyclopentadiene	9.028	237	171856	41.428	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	272850	39.388	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141931.D
Acq On : 12 Mar 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 12 11:51:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	270479	38.552	ng		99
46) 1,1'-Biphenyl	9.339	154	1031117	38.980	ng		99
47) 2-Chloronaphthalene	9.363	162	759954	38.544	ng		99
48) 2-Nitroaniline	9.457	65	221467	38.794	ng		97
49) Acenaphthylene	9.781	152	1142019	39.032	ng		100
50) Dimethylphthalate	9.639	163	922073	37.821	ng		100
51) 2,6-Dinitrotoluene	9.698	165	201790	39.753	ng		94
52) Acenaphthene	9.951	154	805141	39.158	ng		99
53) 3-Nitroaniline	9.869	138	204438	39.704	ng		97
54) 2,4-Dinitrophenol	9.969	184	109284	41.352	ng	#	74
55) Dibenzofuran	10.122	168	1123580	38.243	ng		99
56) 4-Nitrophenol	10.016	139	170597	43.934	ng		99
57) 2,4-Dinitrotoluene	10.098	165	270528	40.804	ng		99
58) Fluorene	10.463	166	864779	38.168	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	251127	39.335	ng		97
60) Diethylphthalate	10.333	149	930008	38.257	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	455903	38.596	ng		98
62) 4-Nitroaniline	10.480	138	208211	41.535	ng		99
63) Azobenzene	10.616	77	853737	37.774	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	154648	42.823	ng		96
66) n-Nitrosodiphenylamine	10.575	169	738374	37.666	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	289702	38.079	ng		99
68) Hexachlorobenzene	11.010	284	321187	38.493	ng		99
69) Atrazine	11.098	200	197072	32.793	ng		99
70) Pentachlorophenol	11.204	266	221968	43.176	ng		99
71) Phenanthrene	11.427	178	1260955	38.538	ng		99
72) Anthracene	11.480	178	1264363	38.516	ng		100
73) Carbazole	11.633	167	1135803	40.120	ng		100
74) Di-n-butylphthalate	11.963	149	1426682	37.980	ng		99
75) Fluoranthene	12.616	202	1394563	40.179	ng		99
77) Benzidine	12.733	184	424714	63.210	ng		100
78) Pyrene	12.845	202	1403910	33.701	ng		99
80) Butylbenzylphthalate	13.457	149	570029	34.960	ng		99
81) Benzo(a)anthracene	14.027	228	1171992	37.086	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	383617	42.005	ng		99
83) Chrysene	14.068	228	1115589	38.943	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	772514	34.362	ng		99
85) Di-n-octyl phthalate	14.627	149	1194710	38.193	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	1058431	38.688	ng		98
88) Benzo(b)fluoranthene	15.080	252	1015154	35.023	ng		100
89) Benzo(k)fluoranthene	15.110	252	993652	40.059	ng		99
90) Benzo(a)pyrene	15.451	252	866392	38.201	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	869970	38.541	ng		99
92) Benzo(g,h,i)perylene	17.456	276	887990	39.809	ng		98

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

Quantitation Report (QT Reviewed)

Sample Results: **BF141931.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141931.D
Acq On    : 12 Mar 2025  10:08
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 12 11:51:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration
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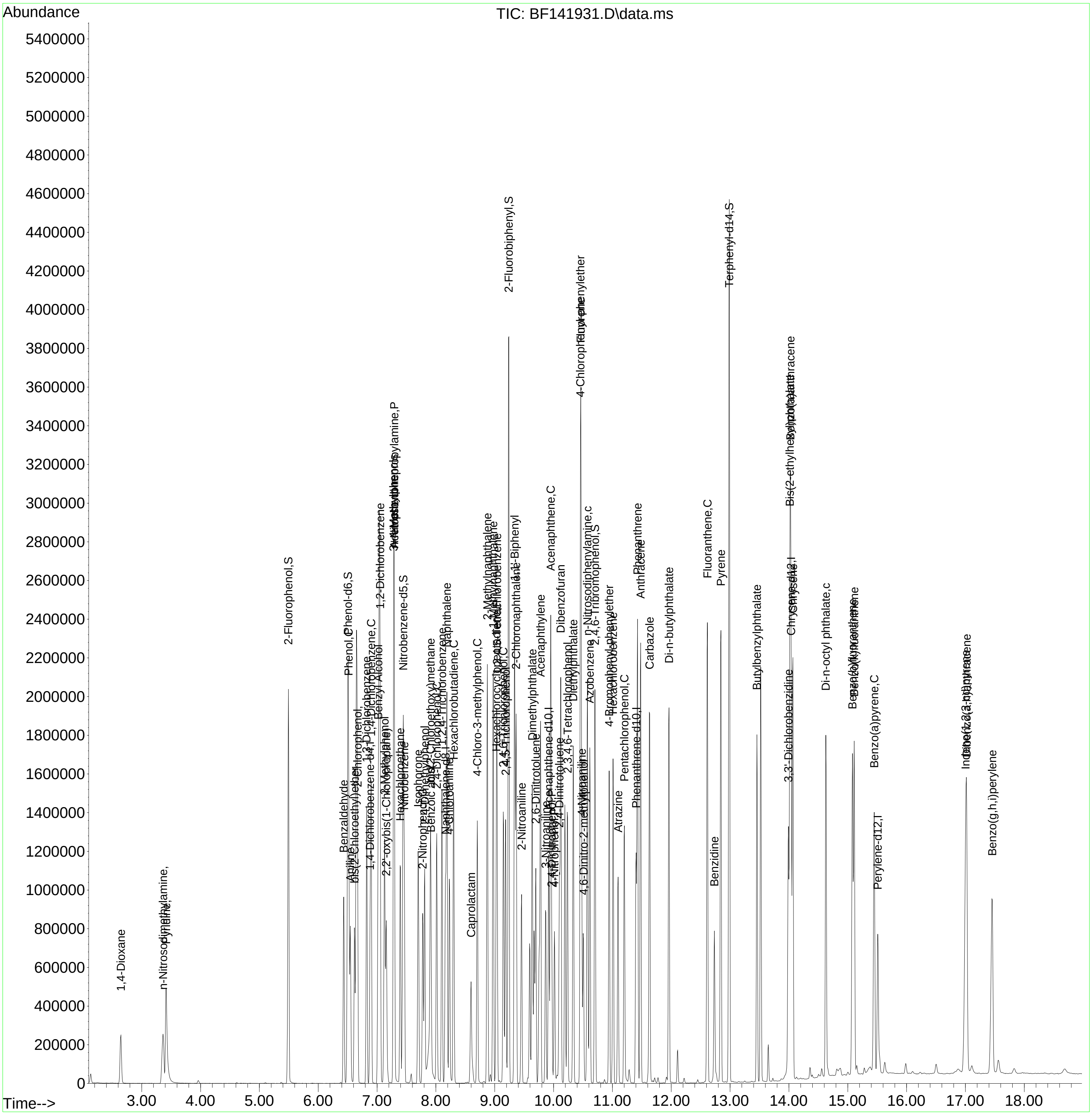
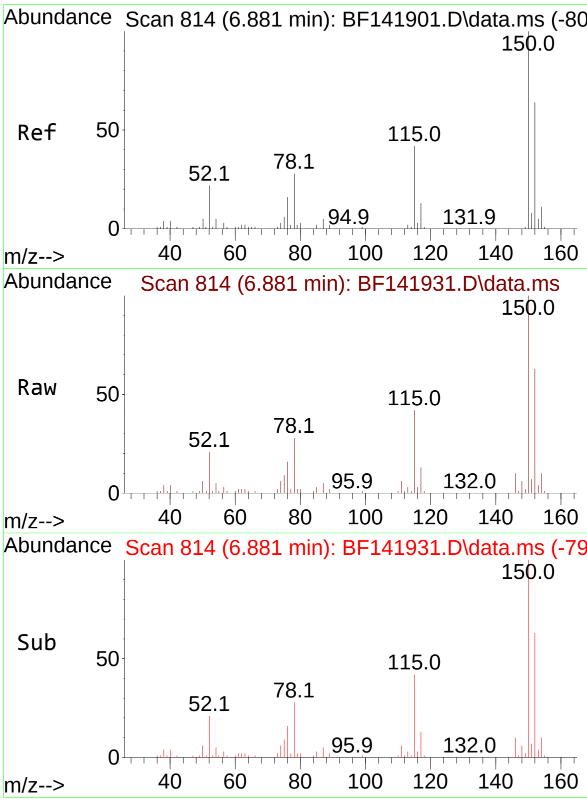
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



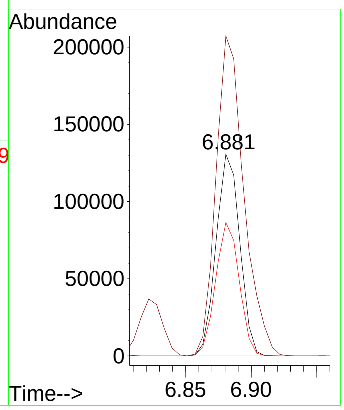
Instrument : BNA_F
ClientSampleId : SSTDCCC040

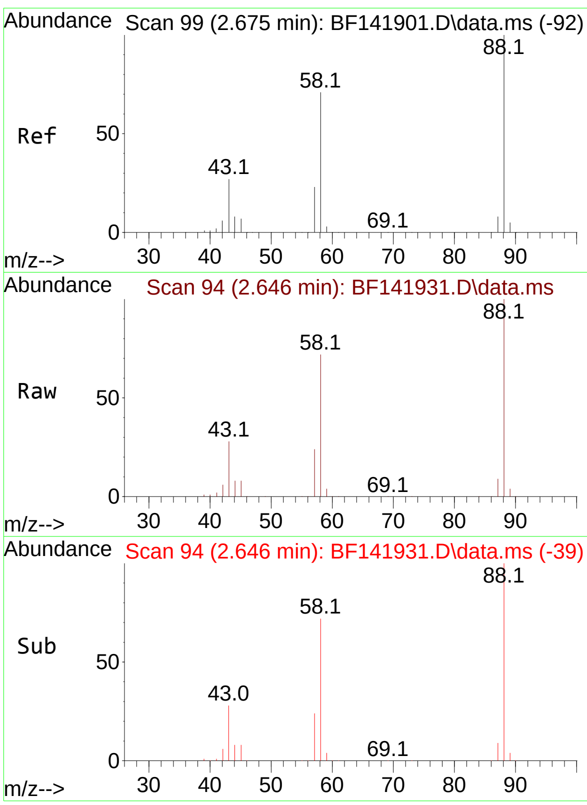


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:152 Resp: 164449

Ion	Ratio	Lower	Upper
152	100		
150	158.6	127.4	191.2
115	66.2	51.9	77.9

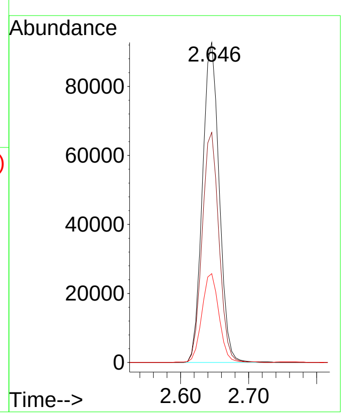




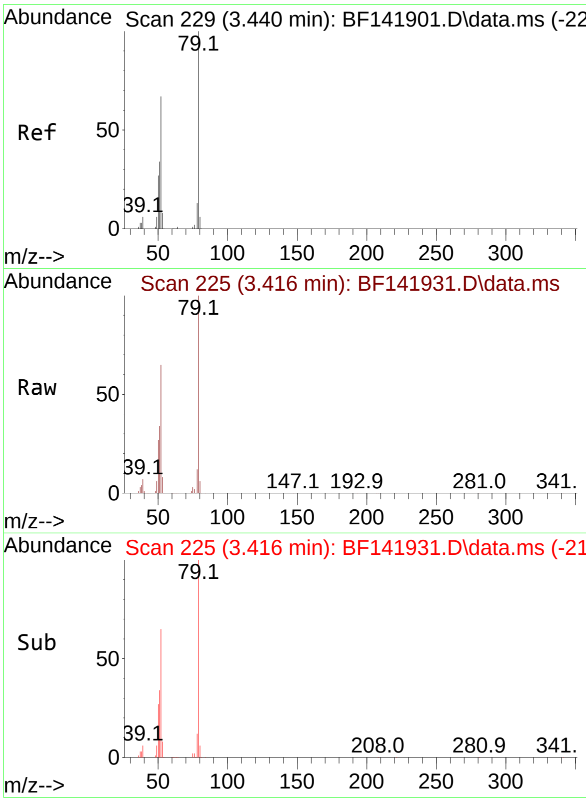
#2
1,4-Dioxane
Concen: 38.522 ng
RT: 2.646 min Scan# 94
Delta R.T. -0.029 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 88 Resp: 159042

Ion	Ratio	Lower	Upper
88	100		
58	71.9	57.4	86.2
43	28.5	21.5	32.3



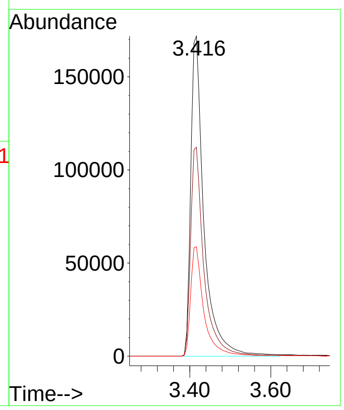
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

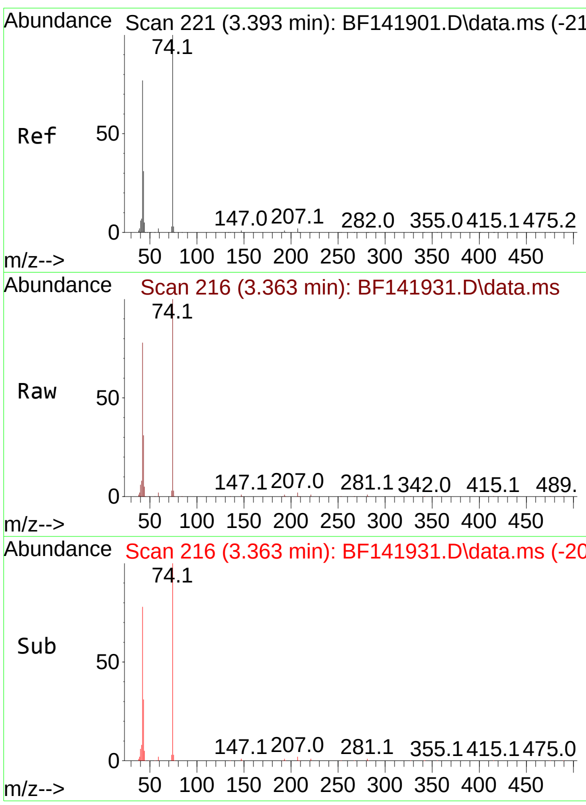


#3
Pyridine
Concen: 38.463 ng
RT: 3.416 min   Scan# 2
Delta R.T.   -0.023 min
Lab File: BF141931.D
Acq: 12 Mar 2025   10:08

Tgt Ion: 79 Resp: 389523

Ion	Ratio	Lower	Upper
79	100		
52	65.3	53.3	79.9
51	34.2	27.6	41.4

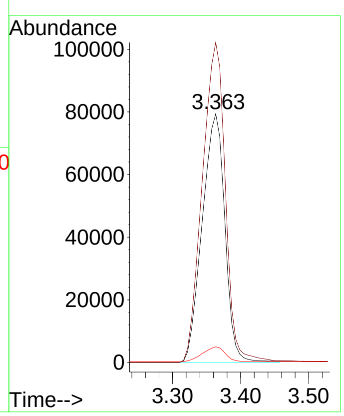




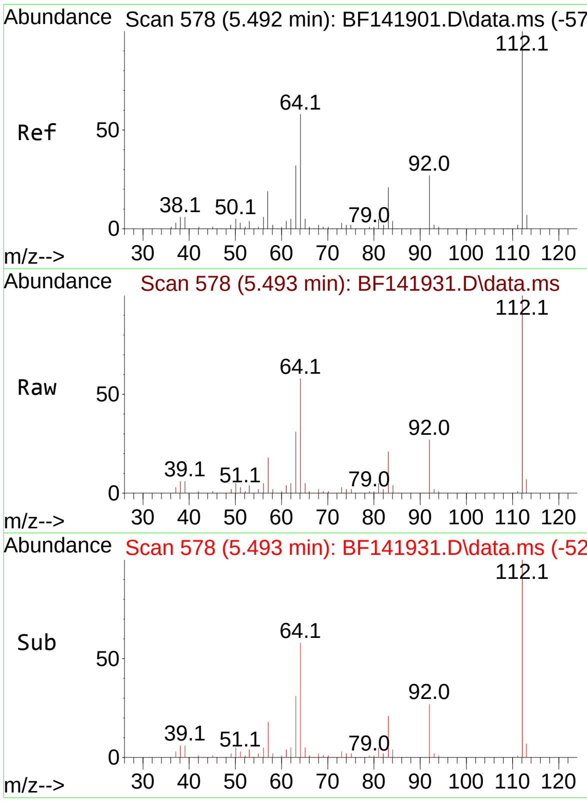
#4
n-Nitrosodimethylamine
Concen: 38.171 ng
RT: 3.363 min   Scan# 216
Delta R.T.   -0.029 min
Lab File: BF141931.D
Acq: 12 Mar 2025   10:08

Tgt Ion: 42 Resp: 184273

Ion	Ratio	Lower	Upper
42	100		
74	128.7	103.4	155.0
44	6.3	5.0	7.4



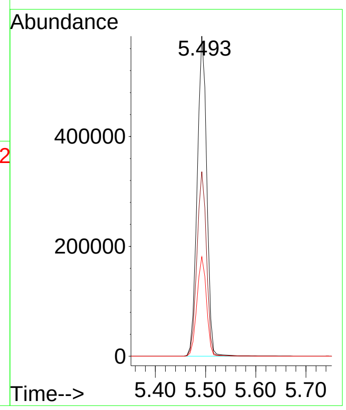
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

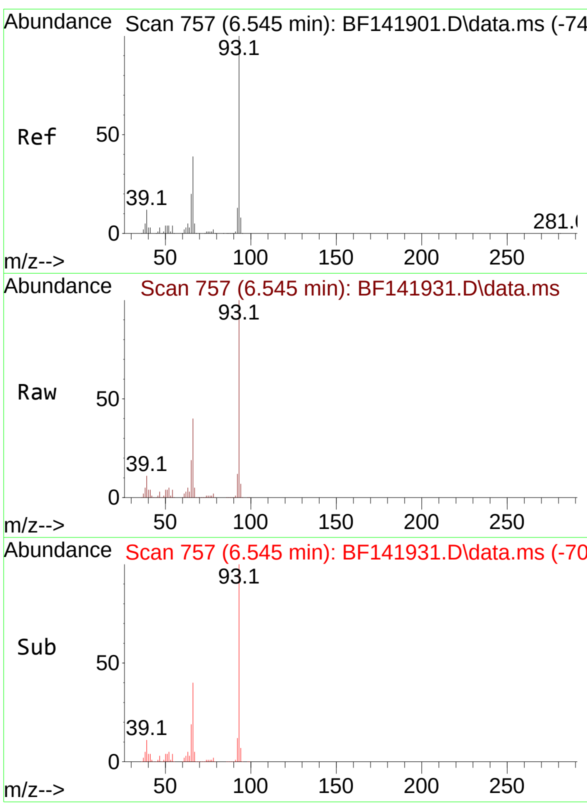


#5
2-Fluorophenol
Concen: 78.286 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:112 Resp: 771378

Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.5	69.7
63	31.0	25.4	38.2

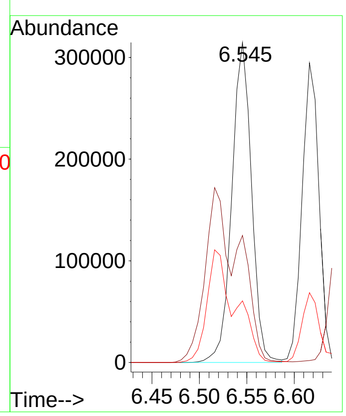




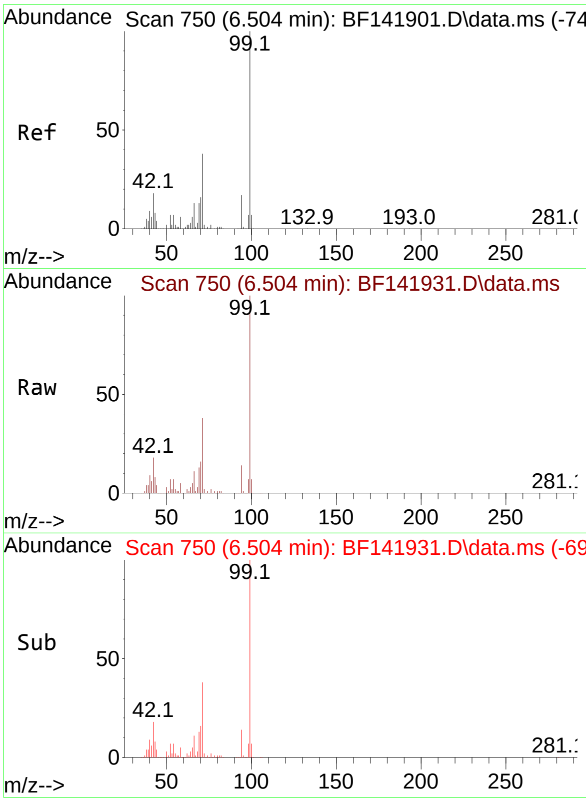
#6
Aniline
Concen: 36.695 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 93 Resp: 454140

Ion	Ratio	Lower	Upper
93	100		
66	39.7	31.9	47.9
65	19.2	15.8	23.6



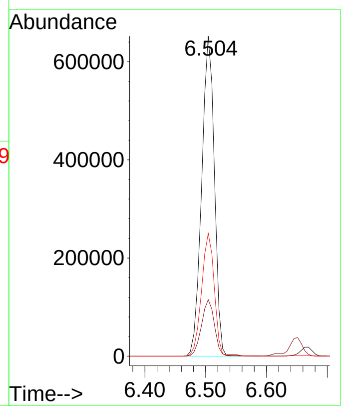
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

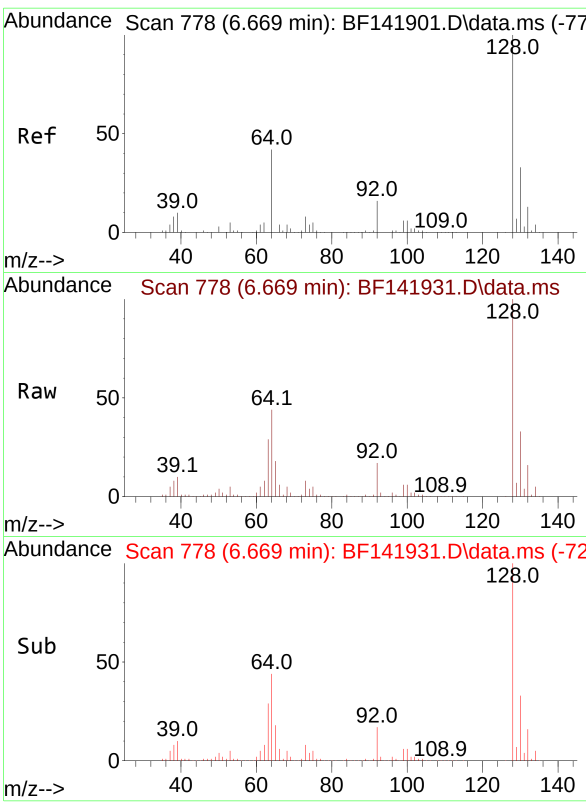


#7
Phenol-d6
Concen: 75.765 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 99 Resp: 950514

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.6	21.8
71	38.4	30.8	46.2

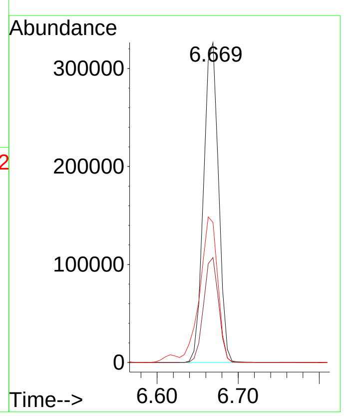




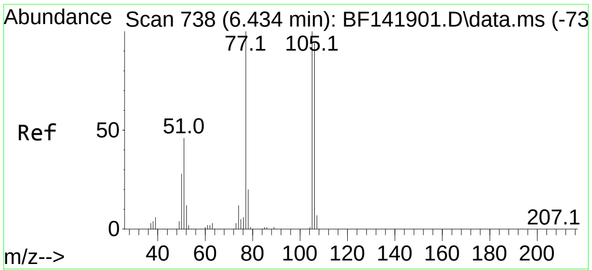
#8
2-Chlorophenol
Concen: 38.234 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

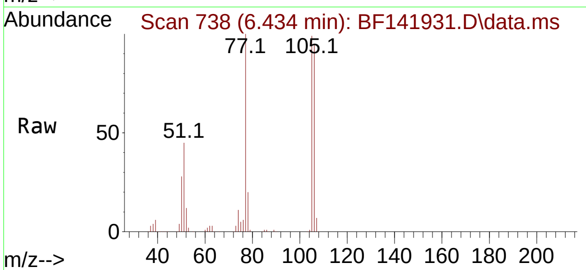
Tgt Ion:128 Resp: 417828

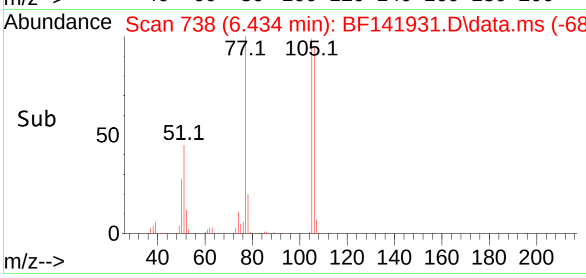
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	43.7	24.4	64.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



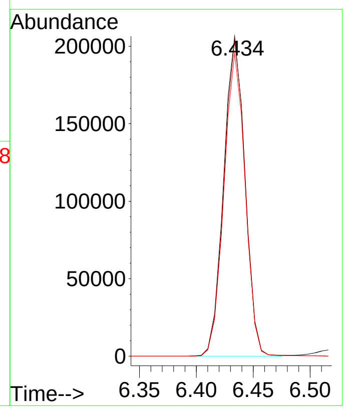


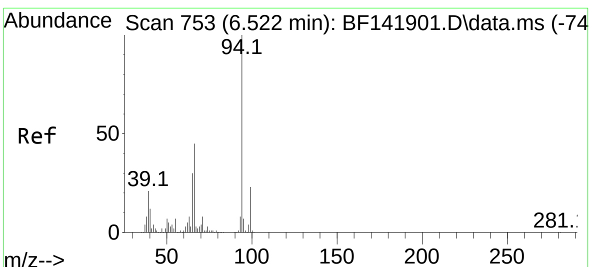


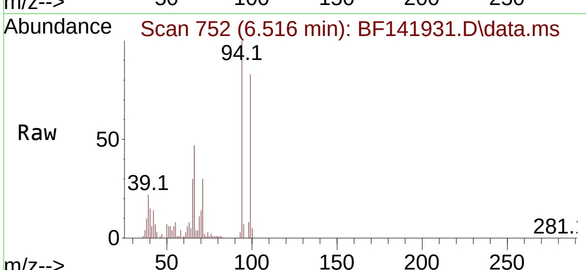
#9
Benzaldehyde
Concen: 38.143 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

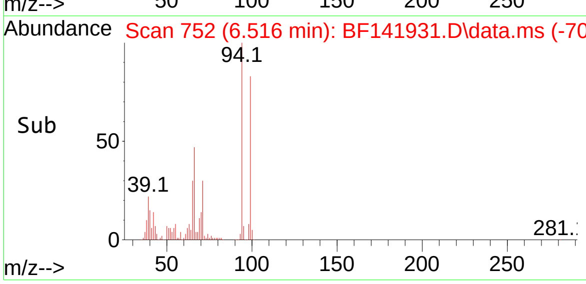
Tgt Ion: 77 Resp: 267628

Ion	Ratio	Lower	Upper
77	100		
105	98.6	80.0	120.0
106	94.7	74.5	114.5





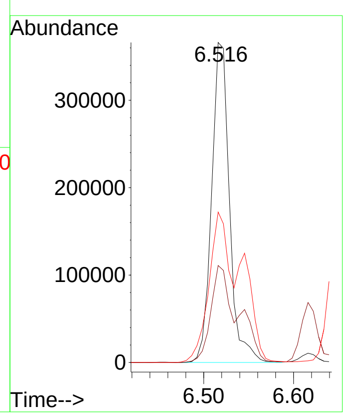




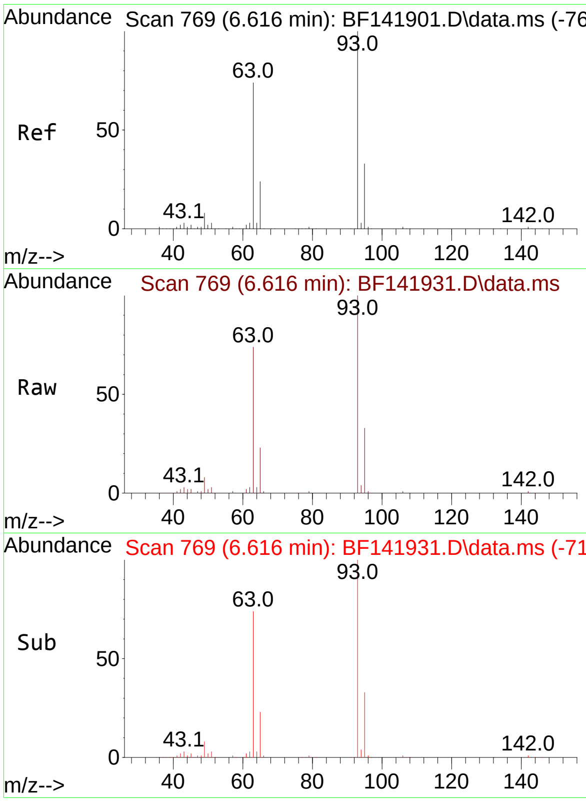
#10
Phenol
Concen: 38.306 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 94 Resp: 505571

Ion	Ratio	Lower	Upper
94	100		
65	30.3	10.5	50.5
66	47.0	25.8	65.8



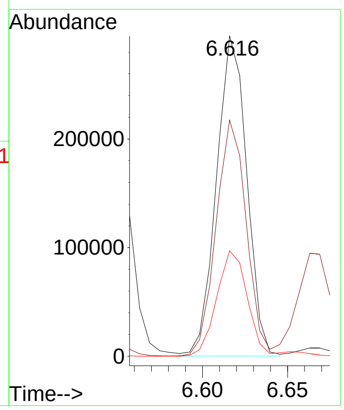
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

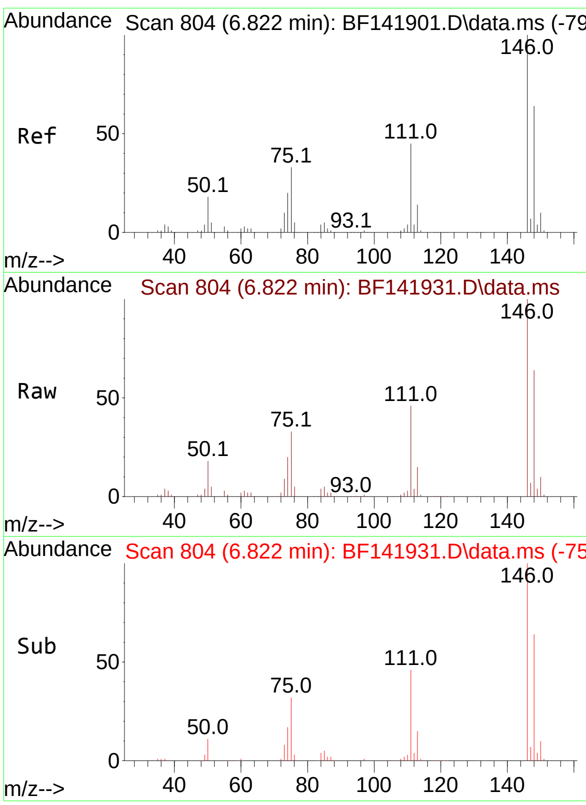


#11
bis(2-Chloroethyl)ether
Concen: 36.807 ng
RT: 6.616 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 93 Resp: 364772

Ion	Ratio	Lower	Upper
93	100		
63	73.7	53.0	93.0
95	32.9	12.9	52.9

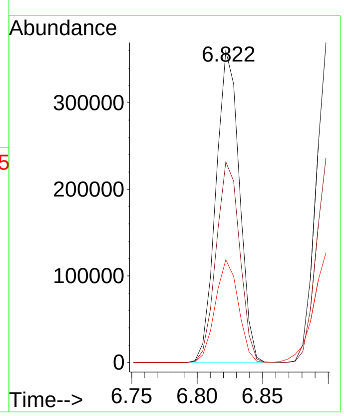




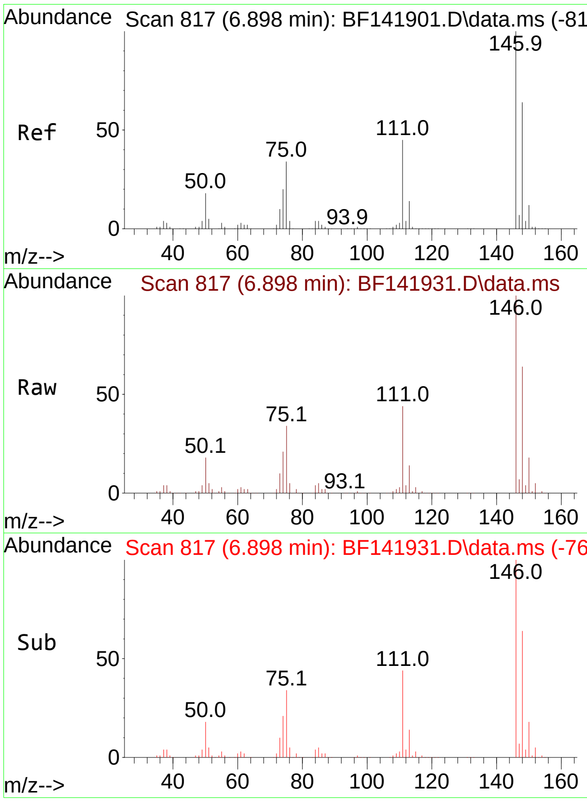
#12
1,3-Dichlorobenzene
Concen: 38.136 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:146 Resp: 449929

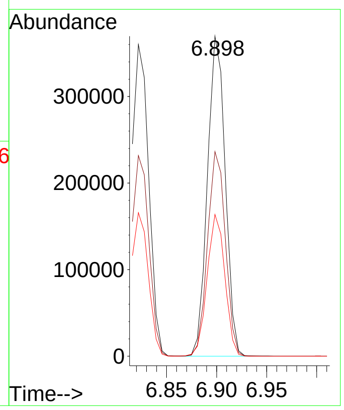
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
75	33.0	26.6	40.0

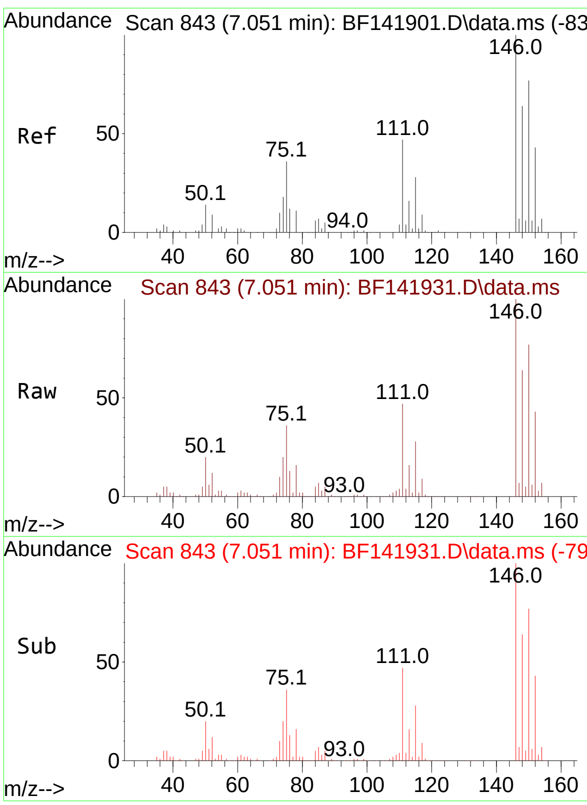


Instrument : BNA_F
ClientSampleId : SSTDCCC040

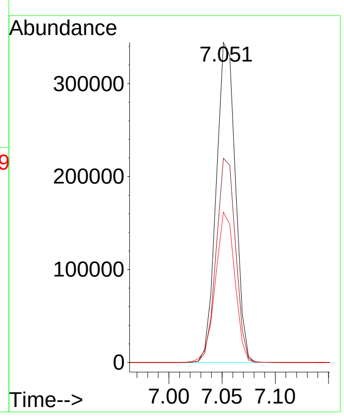



```
#13
1,4-Dichlorobenzene
Concen:   38.341 ng
RT:   6.898 min  Scan# 8
Delta R.T.  0.000 min
Lab File:   BF141931.D
Acq: 12 Mar 2025  10:08

Tgt Ion:146 Resp:  457684
Ion  Ratio  Lower  Upper
146  100
148   63.9   51.0   76.6
111   44.3   35.7   53.5
```

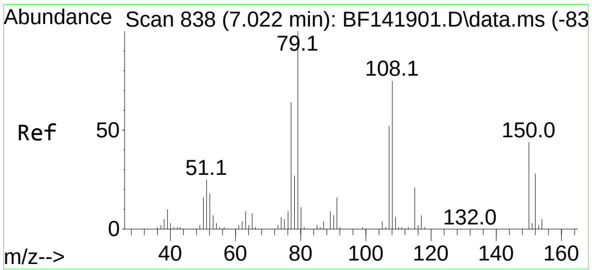


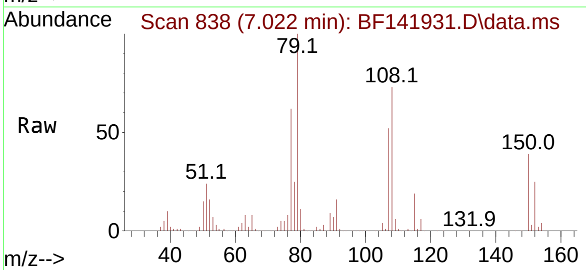


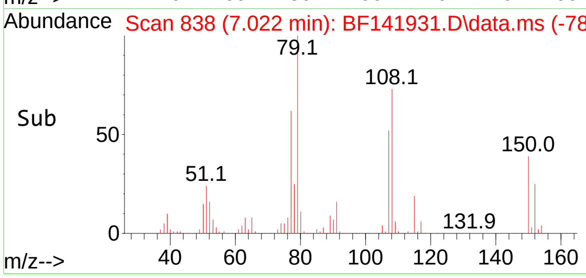

```
#14
1,2-Dichlorobenzene
Concen:   38.273 ng
RT:   7.051 min  Scan# 843
Delta R.T.  0.000 min
Lab File:   BF141931.D
Acq: 12 Mar 2025  10:08

Tgt Ion:146 Resp:  430324
Ion  Ratio  Lower  Upper
146  100
148   63.8   50.8   76.2
111   47.0   38.0   57.0
```



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



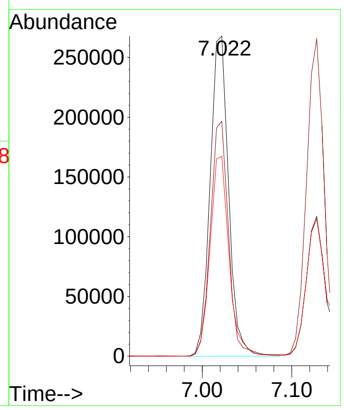


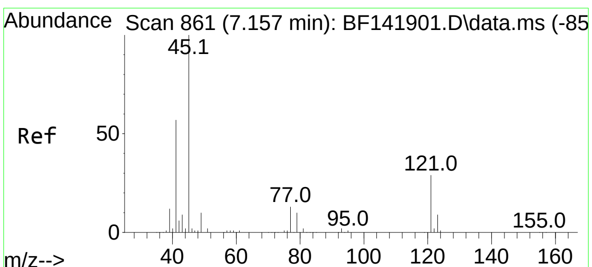


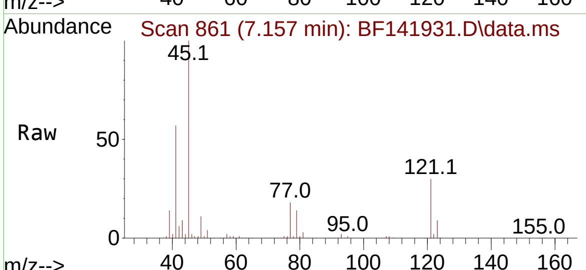
#15
Benzyl Alcohol
Concen: 37.934 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

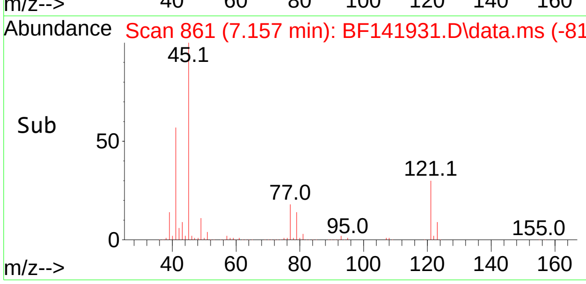
Tgt Ion: 79 Resp: 384745

Ion	Ratio	Lower	Upper
79	100		
108	73.4	59.7	89.5
77	62.4	51.0	76.6





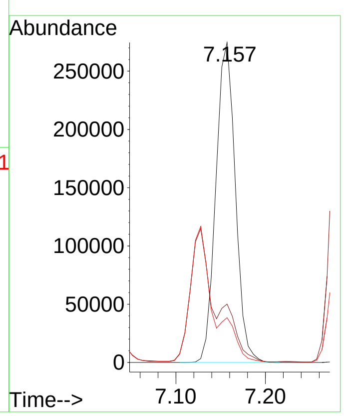




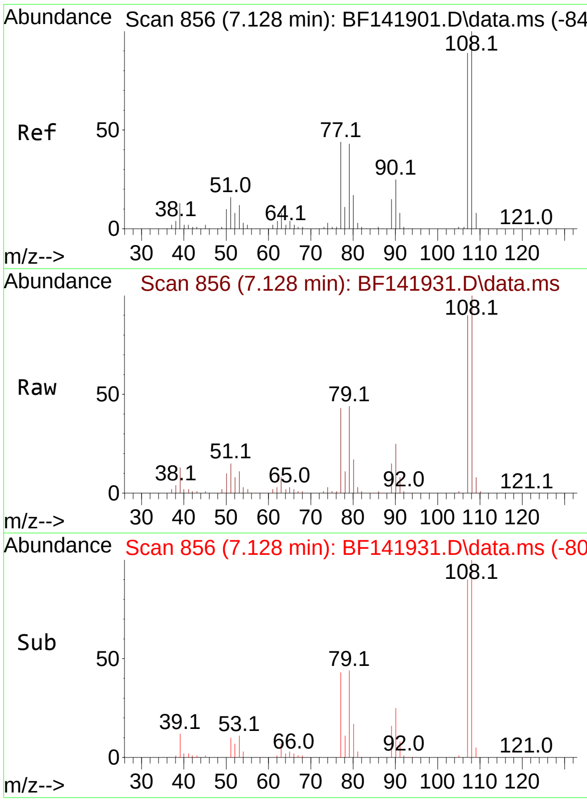
#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.709 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 45 Resp: 415279

Ion	Ratio	Lower	Upper
45	100		
77	18.3	0.0	37.8
79	14.0	0.0	34.2



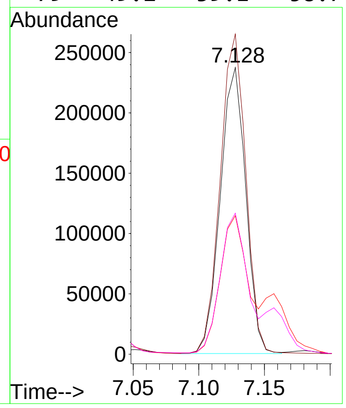
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

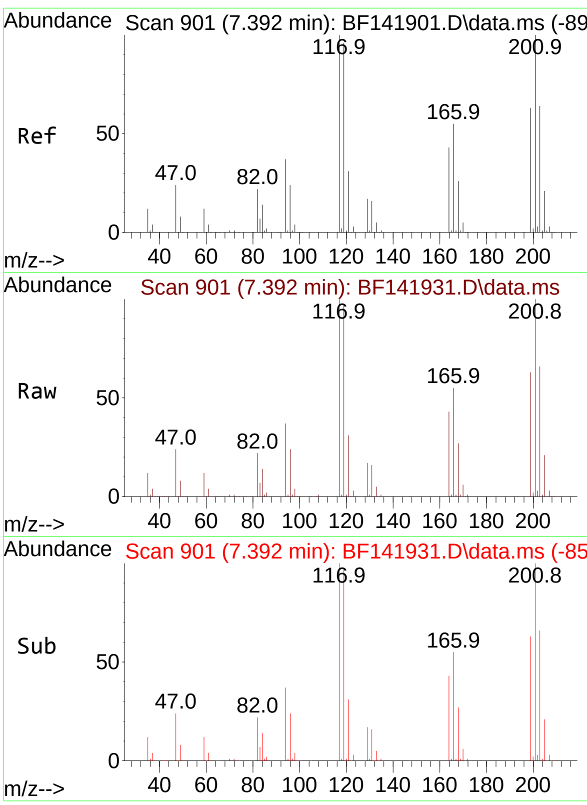


#17
2-Methylphenol
Concen: 36.871 ng
RT: 7.128 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:107 Resp: 320375

Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.2	135.2
77	48.4	39.6	59.4
79	49.2	39.1	58.7

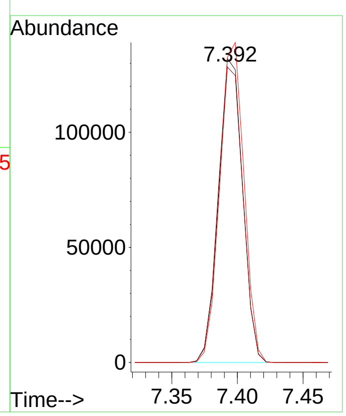




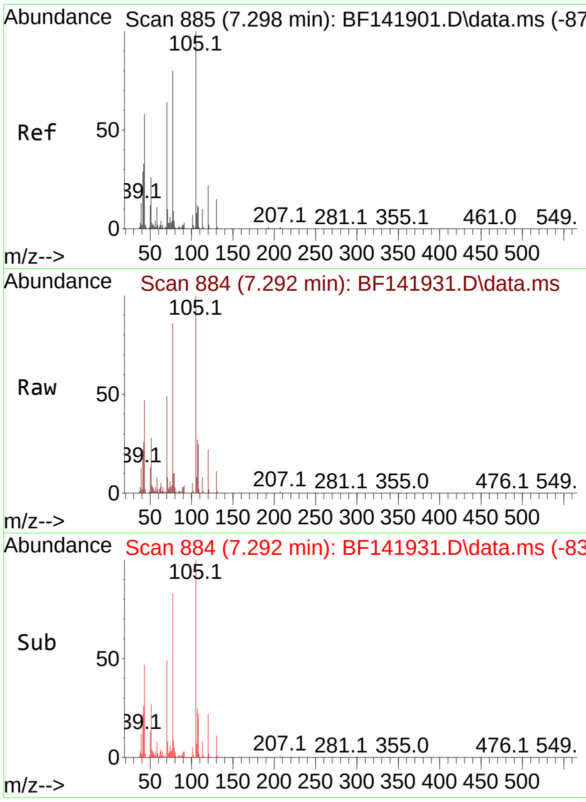
#18
Hexachloroethane
Concen: 38.125 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:117 Resp: 170661

Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.9	115.3
201	100.4	79.9	119.9



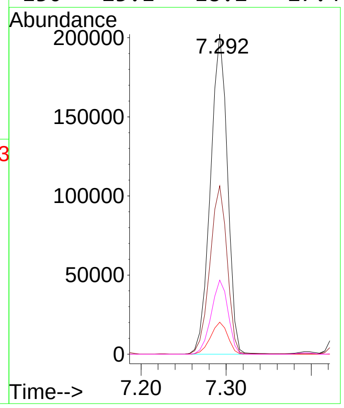
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

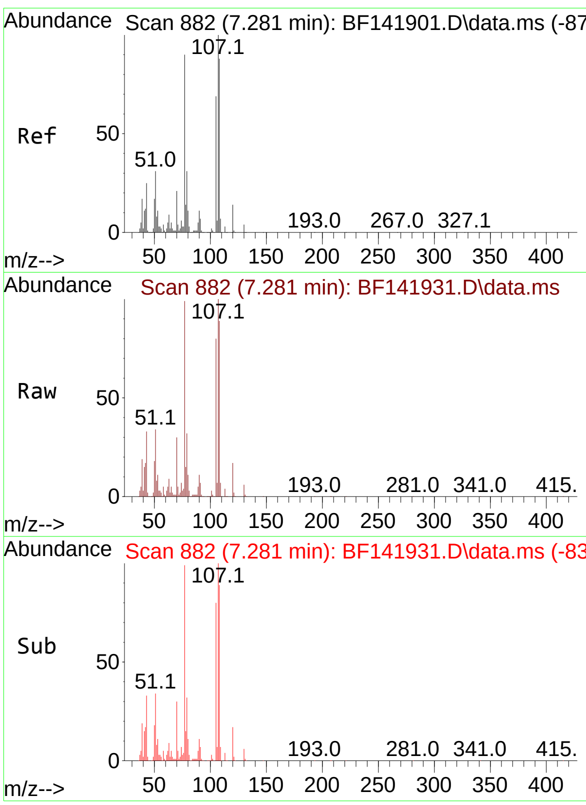


#19
n-Nitroso-di-n-propylamine
Concen: 34.909 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 70 Resp: 281413

Ion	Ratio	Lower	Upper
70	100		
42	52.6	41.4	62.0
101	10.0	8.2	12.2
130	23.1	18.2	27.4

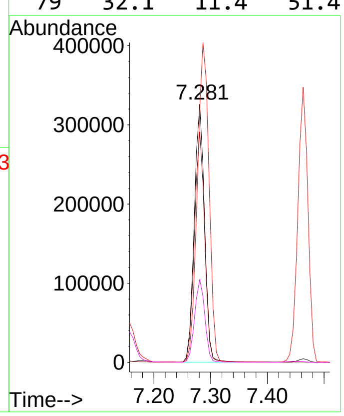




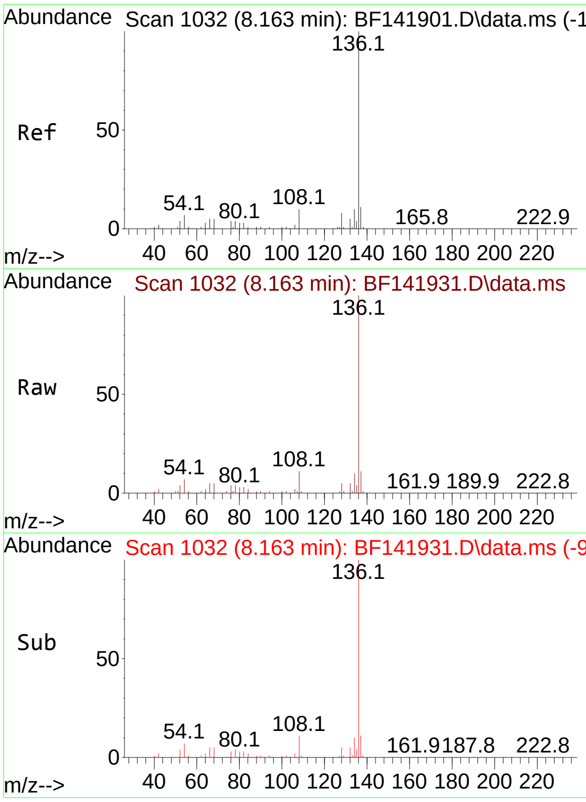
#20
3+4-Methylphenols
Concen: 37.330 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:107 Resp: 415467

Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.4	108.4
77	98.7	69.7	109.7
79	32.1	11.4	51.4



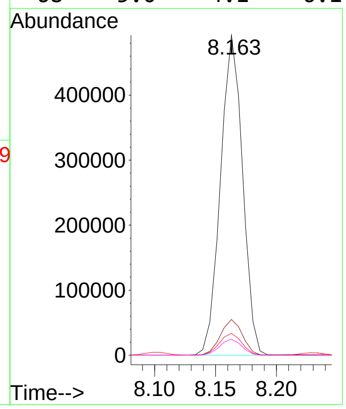
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

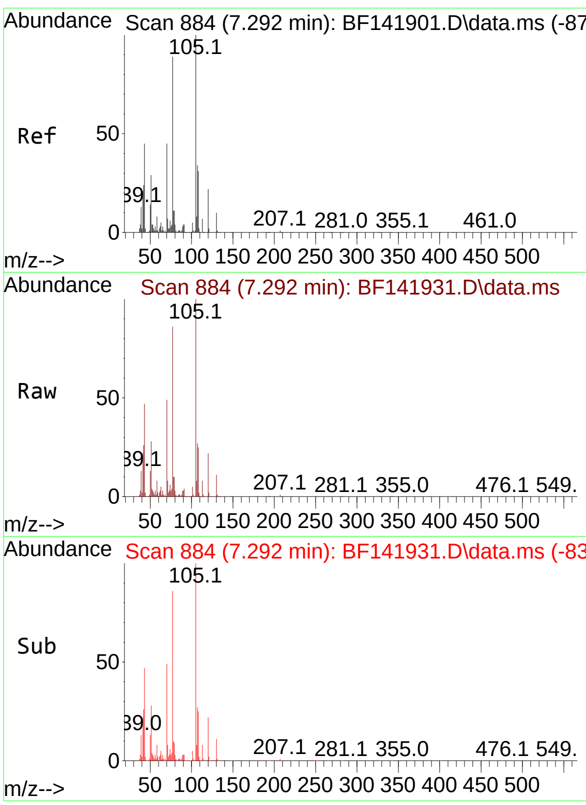


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:136 Resp: 621435

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.9	5.8	8.8
68	5.0	4.1	6.1

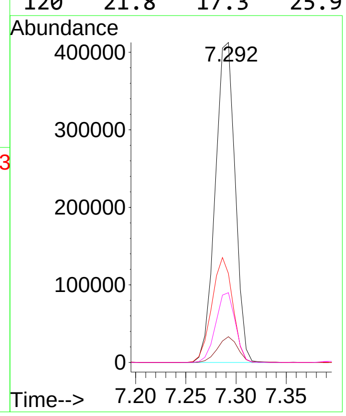




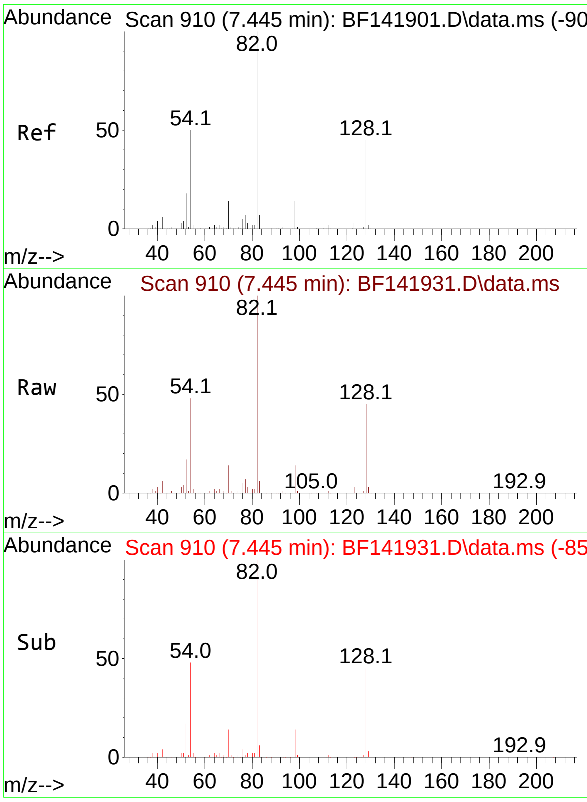
#22
Acetophenone
Concen: 38.275 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:105 Resp: 569612

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.8	8.8
51	27.8	23.4	35.0
120	21.8	17.3	25.9



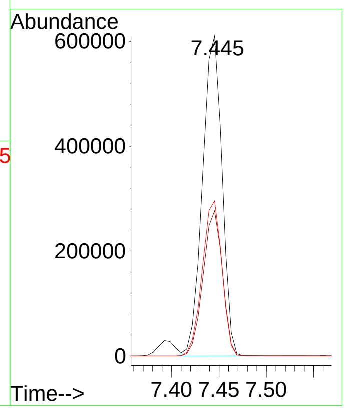
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

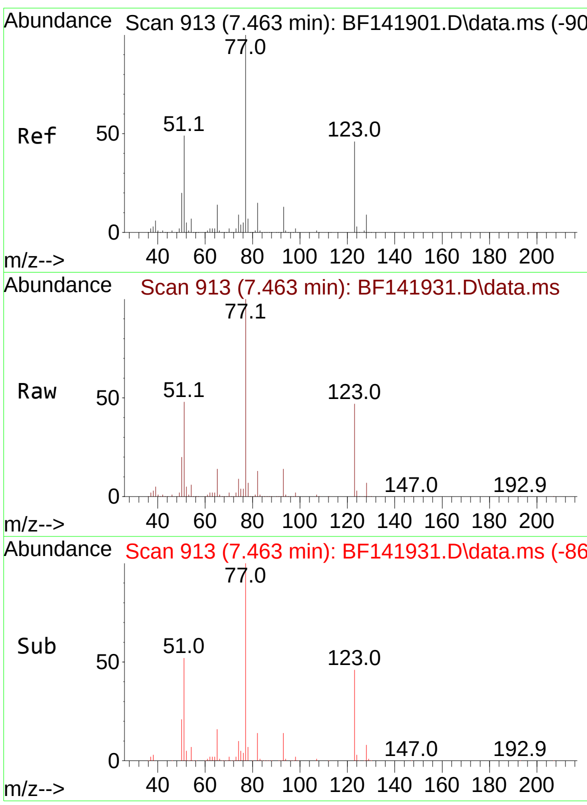


#23
Nitrobenzene-d5
Concen: 79.132 ng
RT: 7.445 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 82 Resp: 873829

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.0	54.0
54	48.5	39.6	59.4

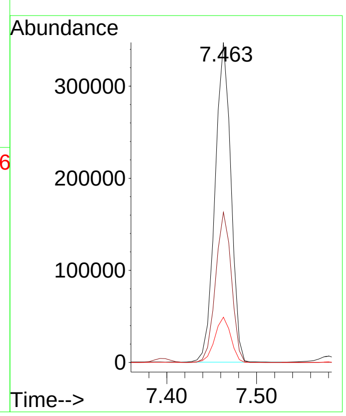




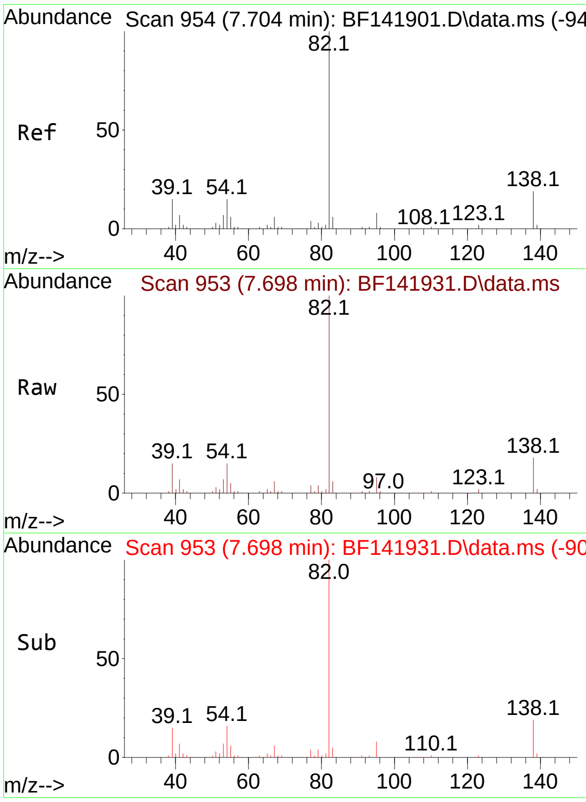
#24
Nitrobenzene
Concen: 38.965 ng
RT: 7.463 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 77 Resp: 427745

Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.0	55.4
65	14.1	11.3	16.9



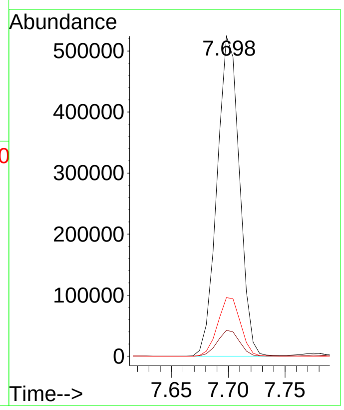
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

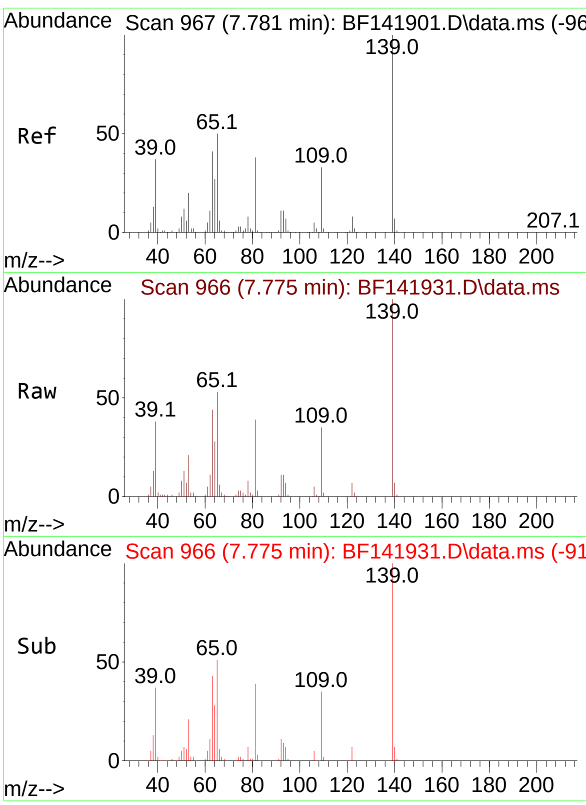


#25
Isophorone
Concen: 36.971 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 82 Resp: 721655

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.4	9.6
138	18.3	14.9	22.3

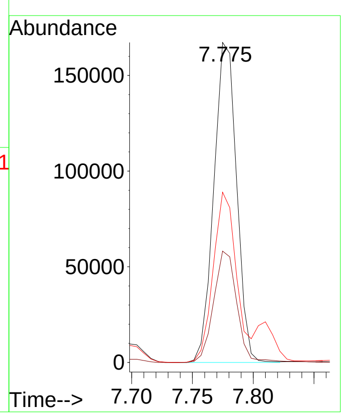




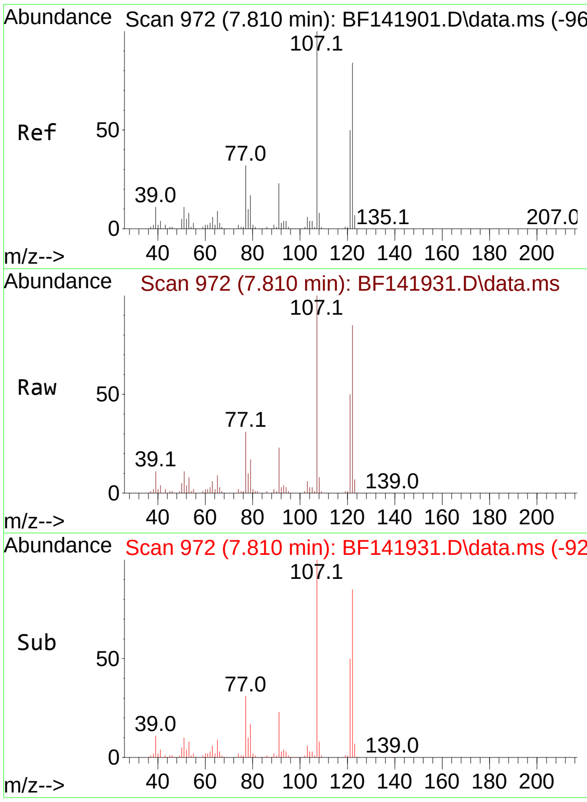
#26
2-Nitrophenol
Concen: 40.487 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:139 Resp: 218139

Ion	Ratio	Lower	Upper
139	100		
109	34.8	26.5	39.7
65	53.2	40.3	60.5



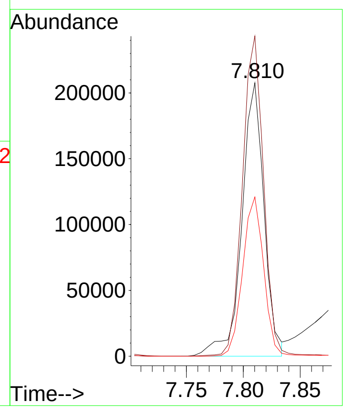
Instrument : BNA_F
ClientSampleId : SSTDCCC040

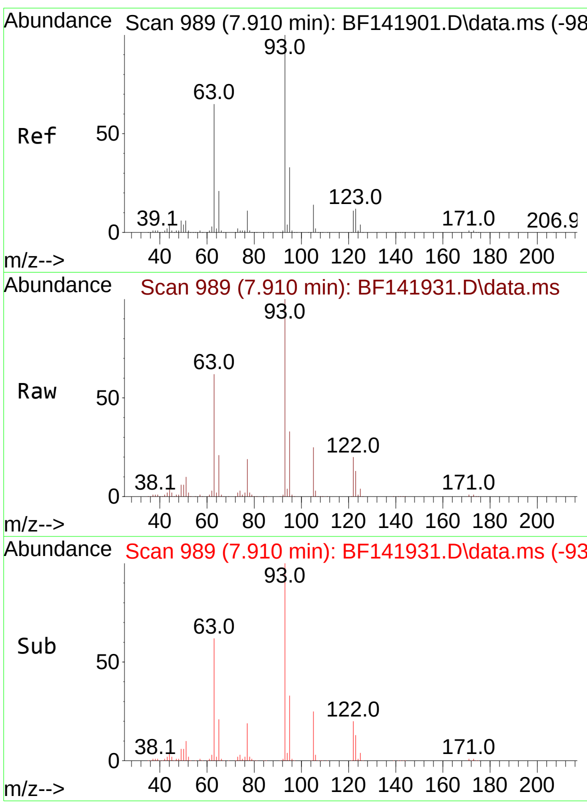


#27
2,4-Dimethylphenol
Concen: 38.044 ng
RT: 7.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:122 Resp: 282241

Ion	Ratio	Lower	Upper
122	100		
107	117.1	94.8	142.2
121	58.3	47.8	71.6

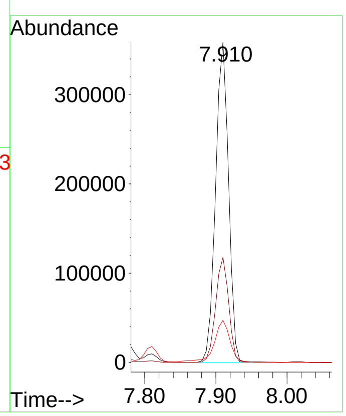




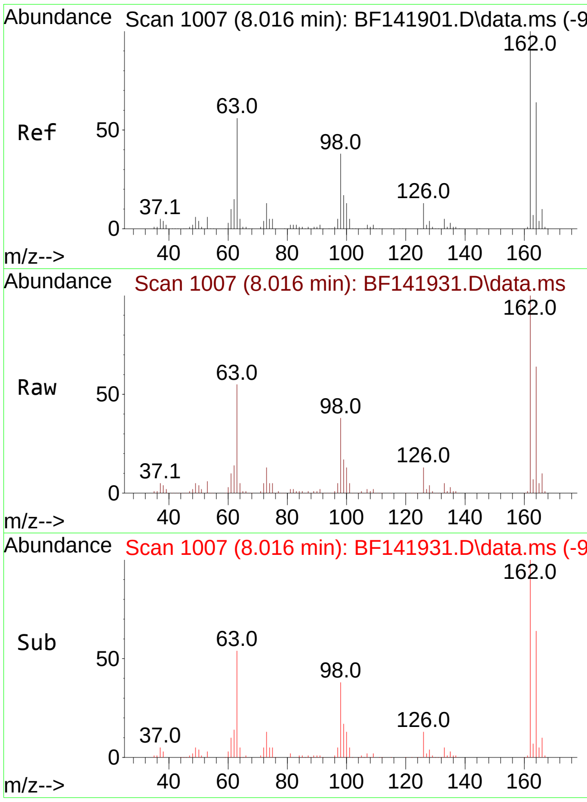
#28
bis(2-Chloroethoxy)methane
Concen: 37.005 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 93 Resp: 453054

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	40.0
123	13.2	10.2	15.4



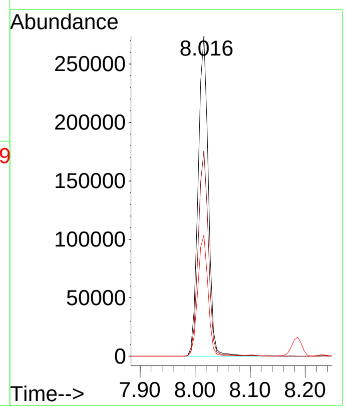
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

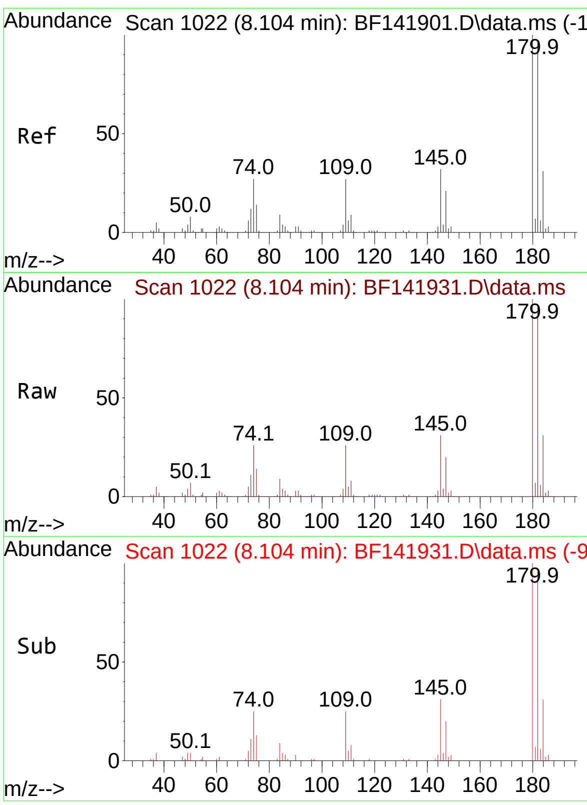


#29
2,4-Dichlorophenol
Concen: 38.418 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:162 Resp: 353771

Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.8	83.8
98	37.8	18.1	58.1

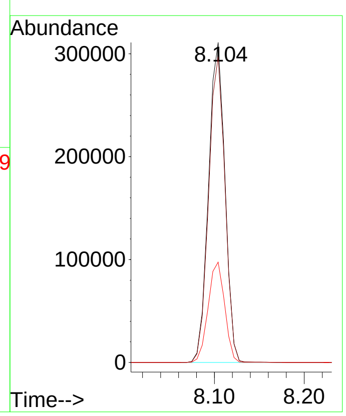




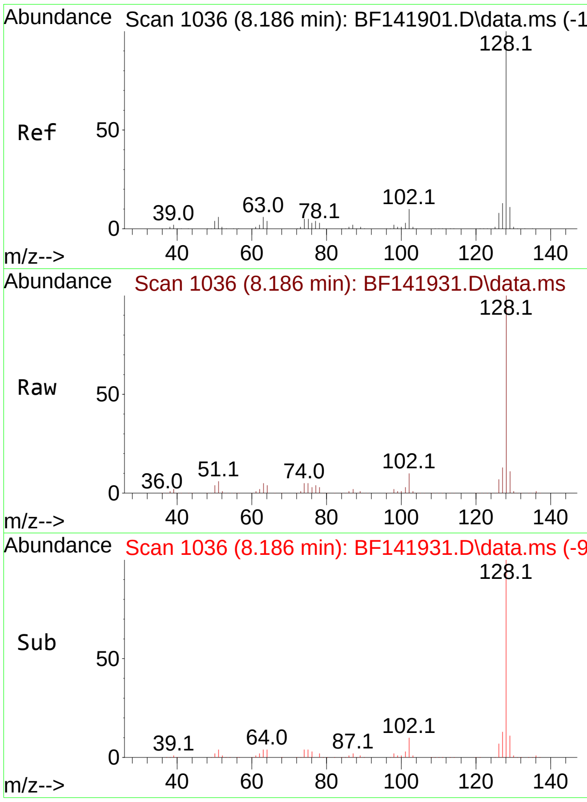
#30
1,2,4-Trichlorobenzene
Concen: 38.905 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:180 Resp: 394814

Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.5	116.3
145	31.3	25.8	38.6



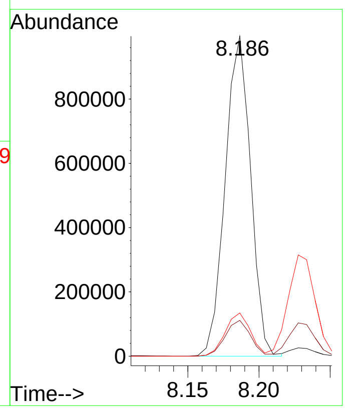
Instrument : BNA_F
ClientSampleId : SSTDCCC040

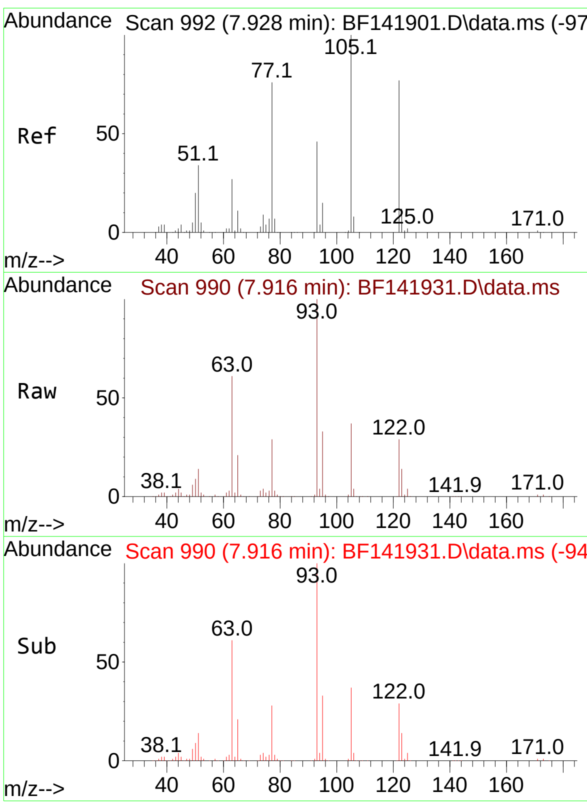


#31
Naphthalene
Concen: 38.804 ng
RT: 8.186 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:128 Resp: 1238698

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.5	10.8	16.2

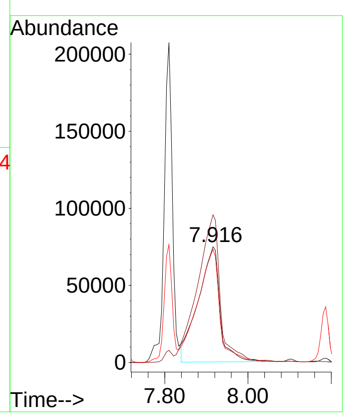




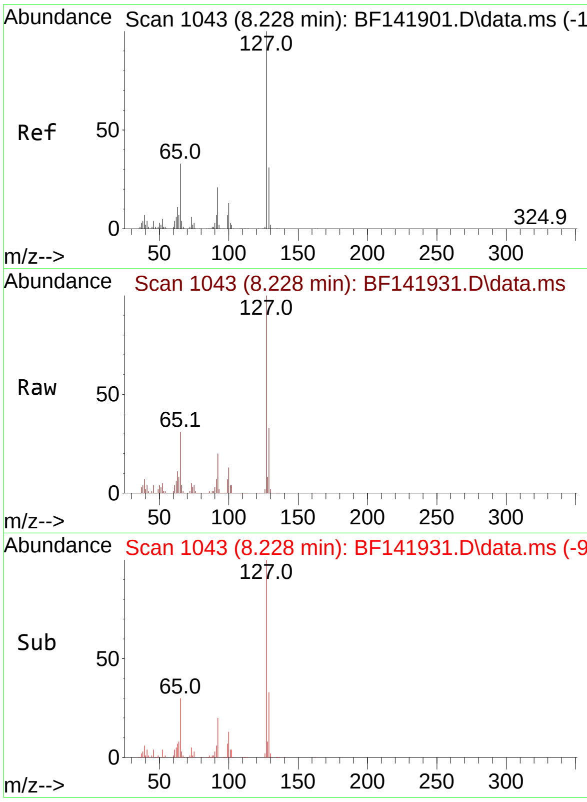
#32
Benzoic acid
Concen: 42.159 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:122 Resp: 274940

Ion	Ratio	Lower	Upper
122	100		
105	127.6	107.9	147.9
77	97.7	79.0	119.0



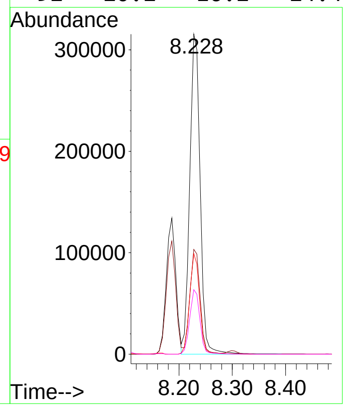
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

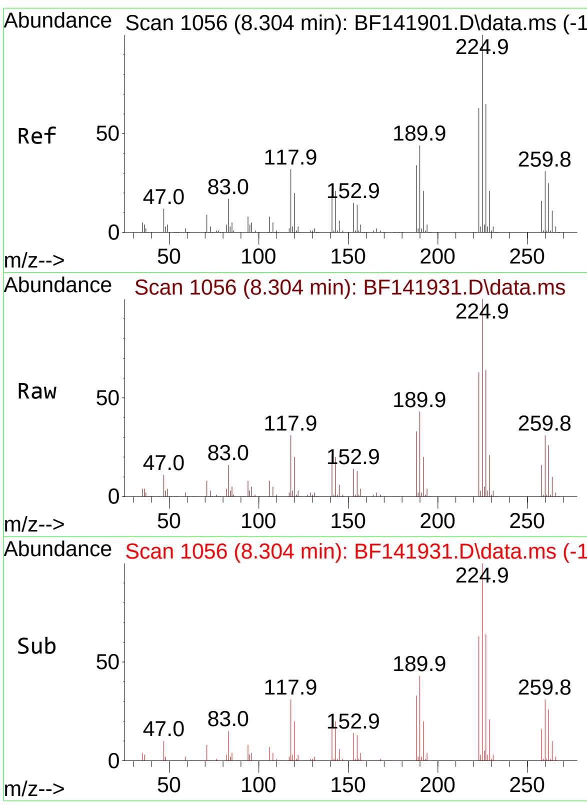


#33
4-Chloroaniline
Concen: 37.773 ng
RT: 8.228 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025   10:08

Tgt Ion:127 Resp: 425659

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	31.4	25.4	38.2
92	20.2	16.2	24.4

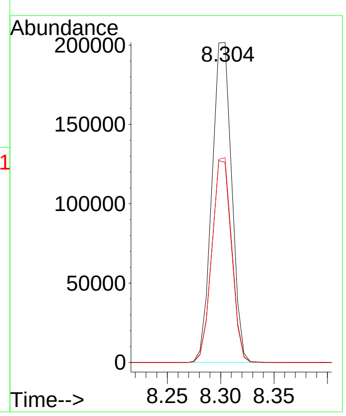




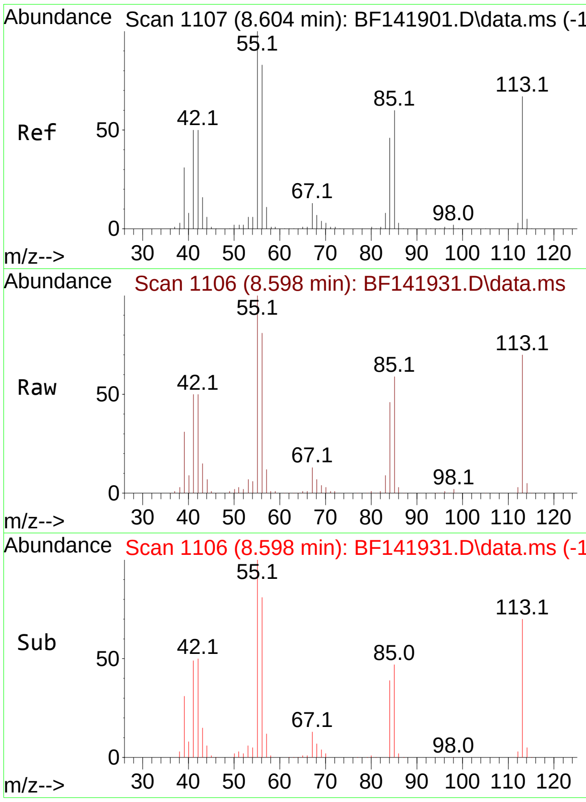
#34
Hexachlorobutadiene
Concen: 39.306 ng
RT: 8.304 min   Scan# 1056
Delta R.T.   0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025   10:08

Tgt Ion:225 Resp: 260133

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	75.8
227	64.0	52.2	78.2



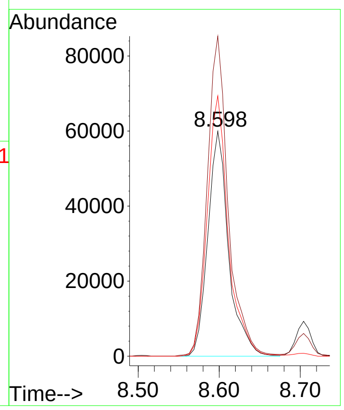
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

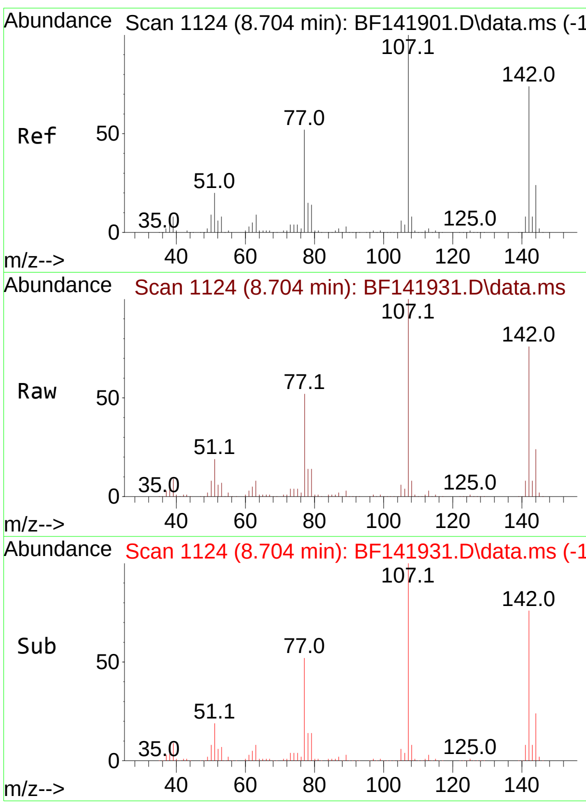


#35
Caprolactam
Concen: 37.989 ng
RT: 8.598 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:113 Resp: 106653

Ion	Ratio	Lower	Upper
113	100		
55	142.2	129.6	169.6
56	115.7	104.0	144.0

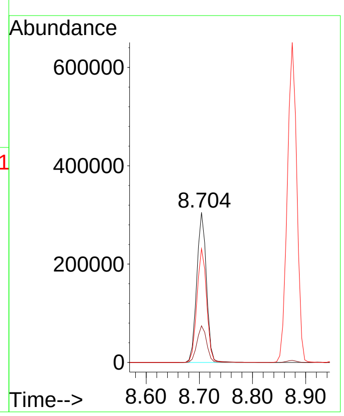




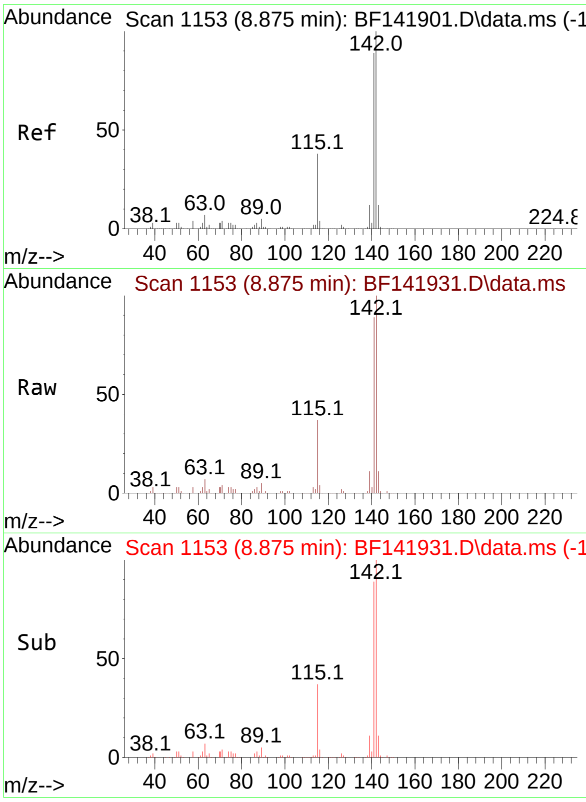
#36
4-Chloro-3-methylphenol
Concen: 37.747 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:107 Resp: 387740

Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.0	28.6
142	75.8	59.2	88.8



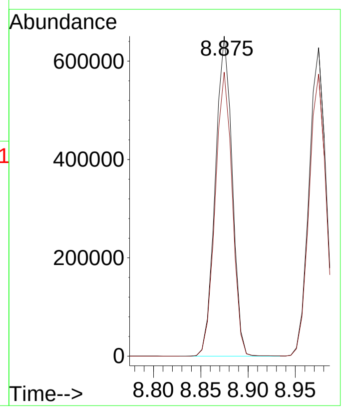
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

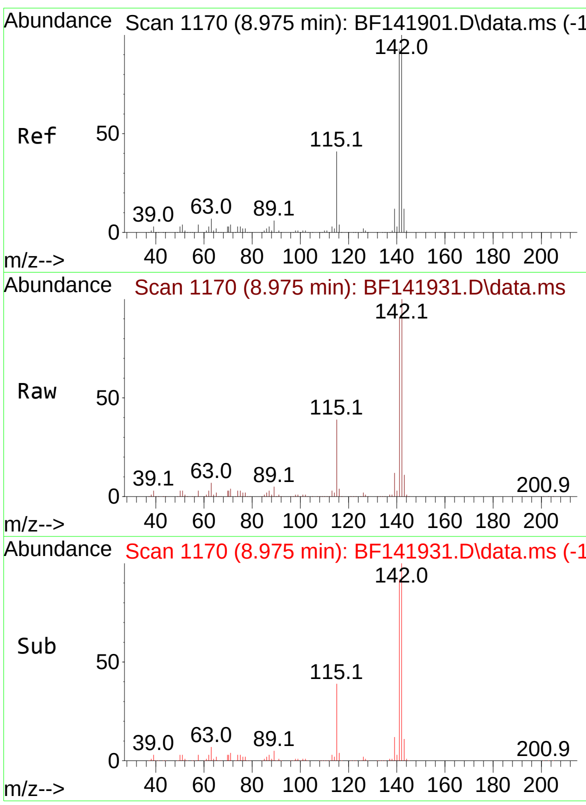


#37
2-Methylnaphthalene
Concen: 38.085 ng
RT: 8.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:142 Resp: 812618

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8

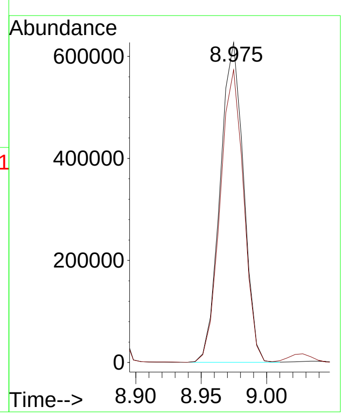




#38
1-Methylnaphthalene
Concen: 37.956 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

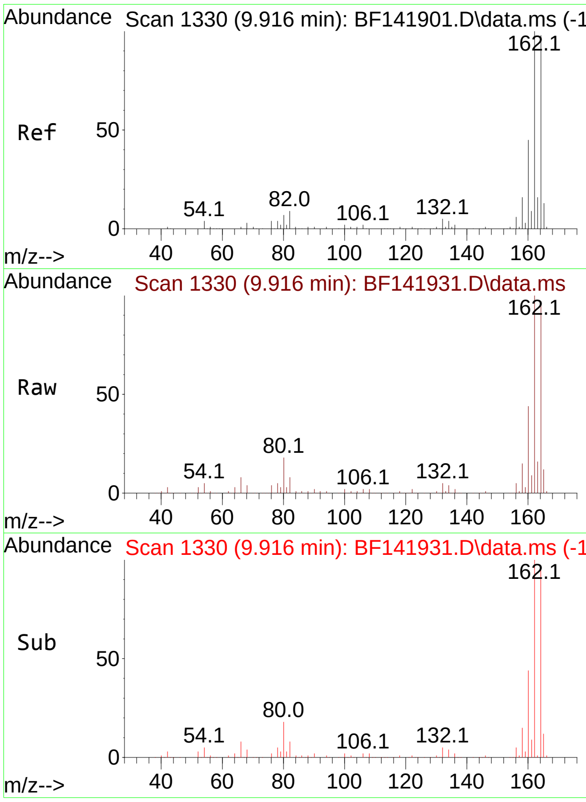
Tgt Ion:142 Resp: 781519

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.4



Sample Results: **BF141931.D**

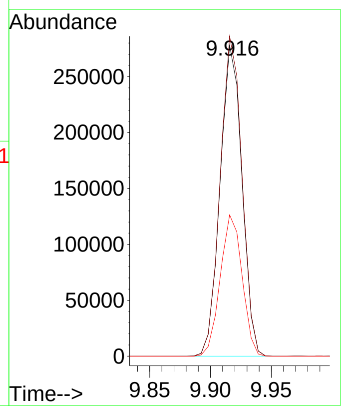
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

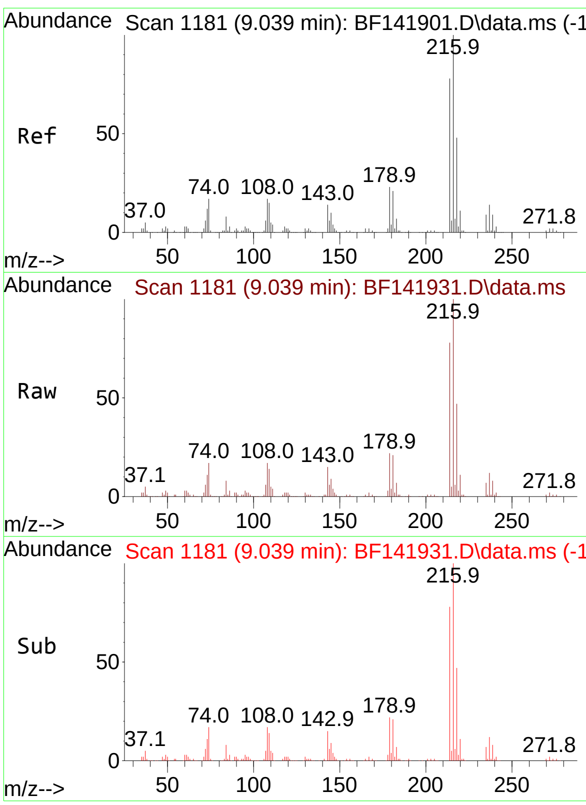


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:164 Resp: 348146

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.6
160	45.5	36.7	55.1

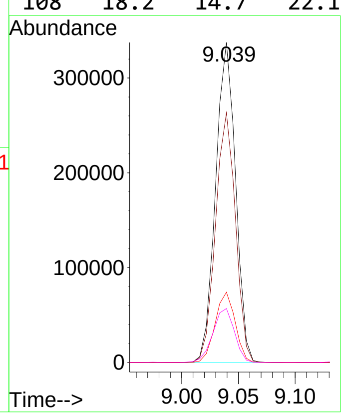




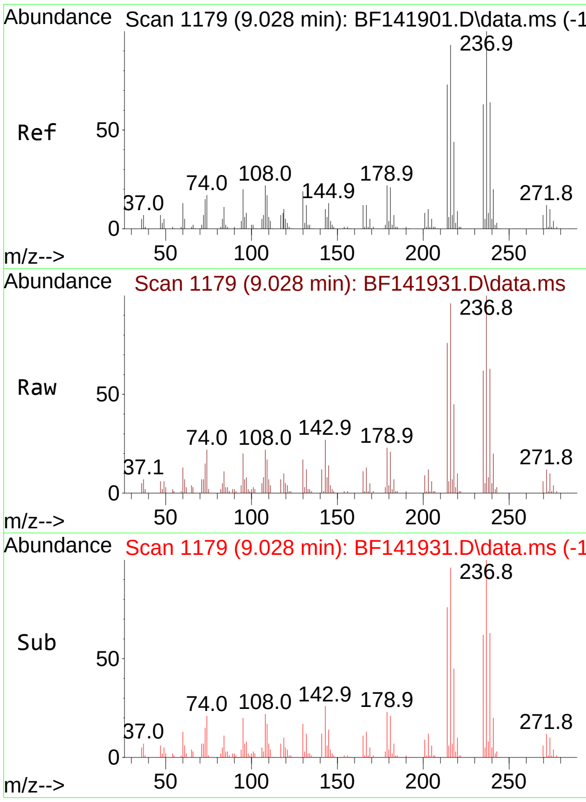
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.024 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:216 Resp: 413640

Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.9	92.9
179	22.0	18.1	27.1
108	18.2	14.7	22.1



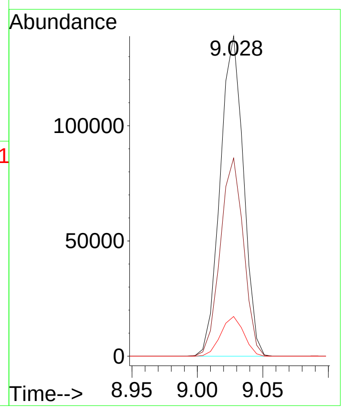
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

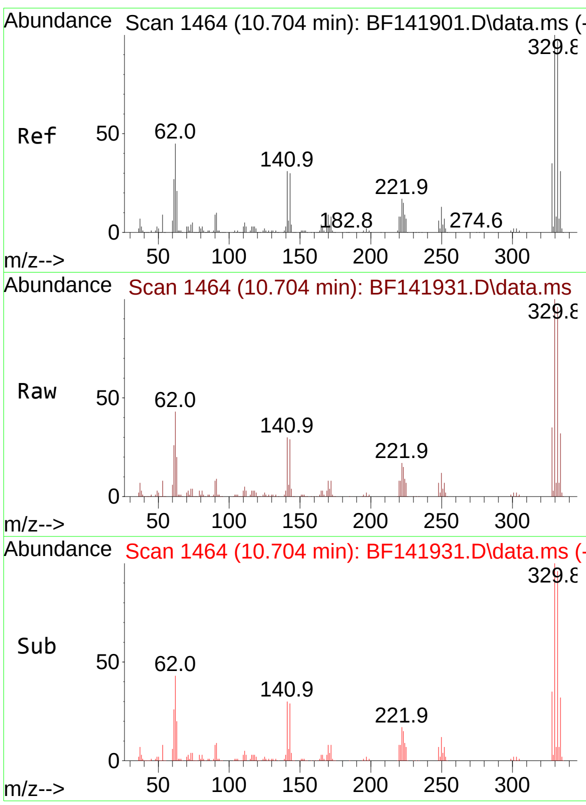


#41
Hexachlorocyclopentadiene
Concen: 41.428 ng
RT: 9.028 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025   10:08

Tgt Ion:237 Resp: 171856

Ion	Ratio	Lower	Upper
237	100		
235	61.9	43.1	83.1
272	12.4	0.0	32.0

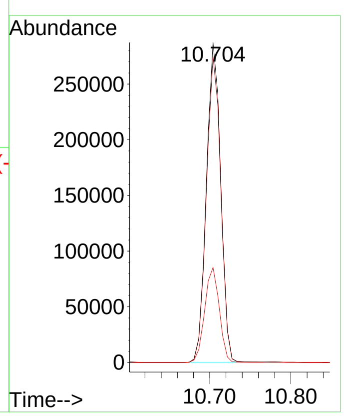




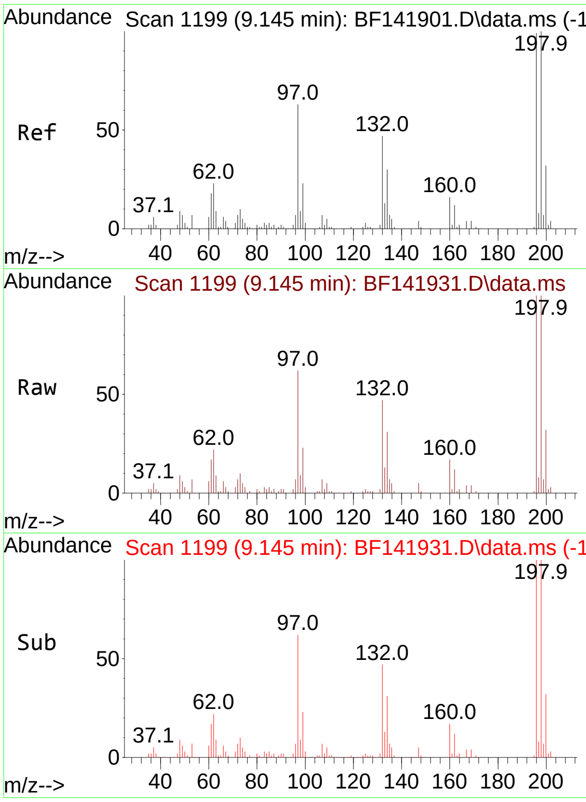
#42
2,4,6-Tribromophenol
Concen: 79.992 ng
RT: 10.704 min   Scan# 1464
Delta R.T.   0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025   10:08

Tgt Ion:330 Resp: 353302

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	30.2	24.7	37.1



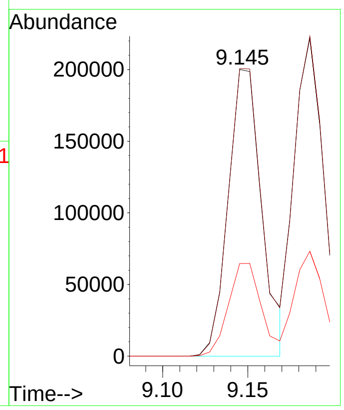
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

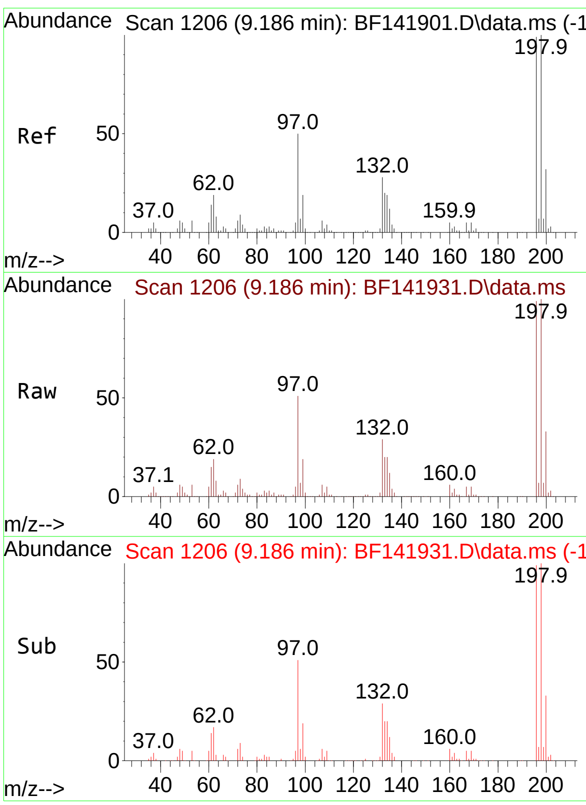


#43
2,4,6-Trichlorophenol
Concen: 39.388 ng
RT: 9.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:196 Resp: 272850

Ion	Ratio	Lower	Upper
196	100		
198	100.3	80.6	121.0
200	32.3	25.8	38.6

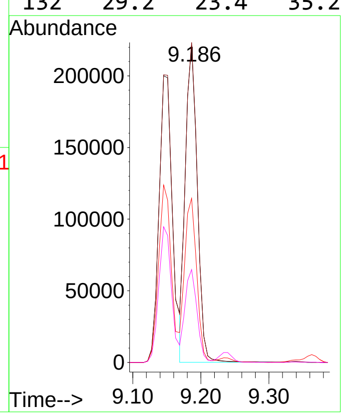




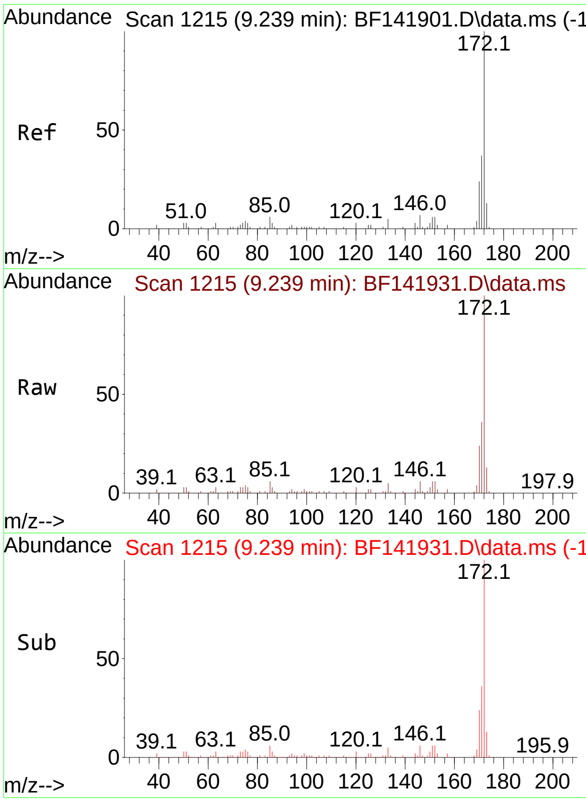
#44
2,4,5-Trichlorophenol
Concen: 38.552 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:196 Resp: 270479

Ion	Ratio	Lower	Upper
196	100		
198	100.7	80.7	121.1
97	51.6	42.1	63.1
132	29.2	23.4	35.2



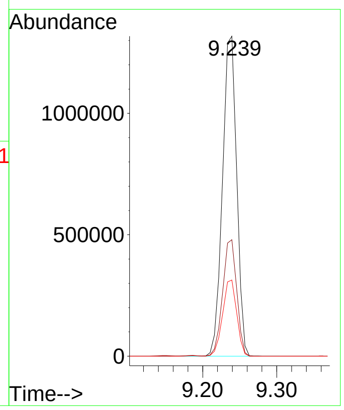
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

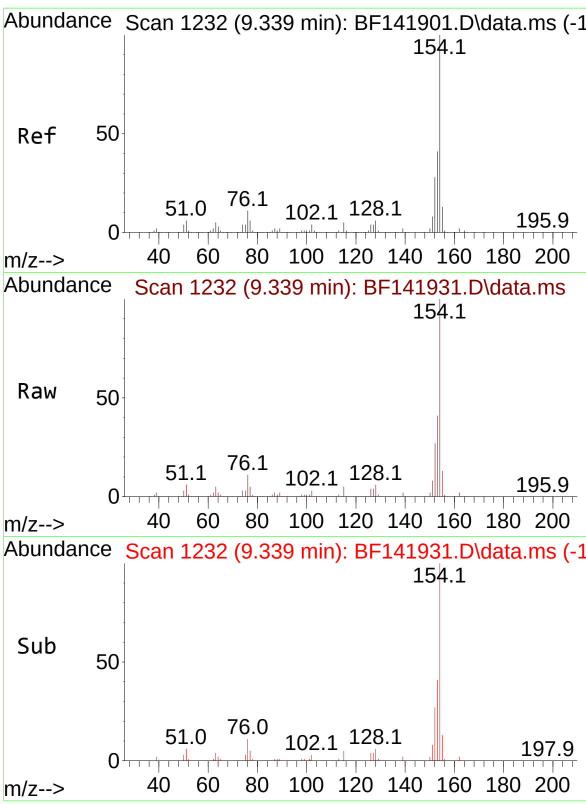


#45
2-Fluorobiphenyl
Concen: 76.967 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:172 Resp: 1761937

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	23.8	19.4	29.0

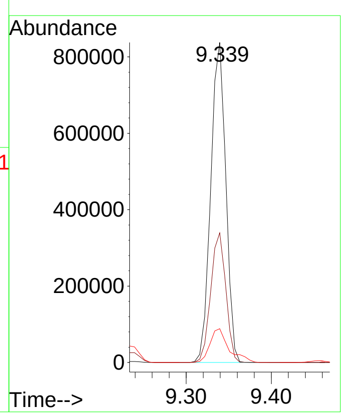




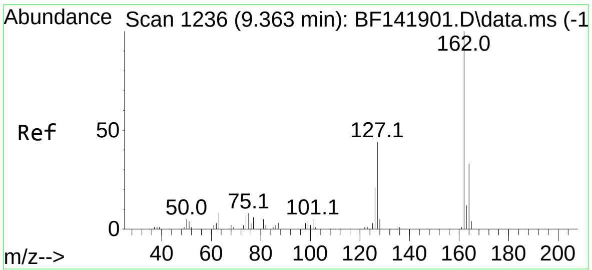
#46
1,1'-Biphenyl
Concen: 38.980 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

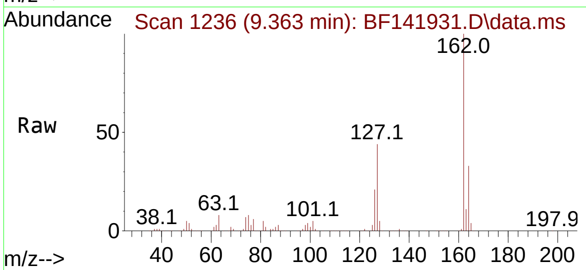
Tgt Ion:154 Resp: 1031117

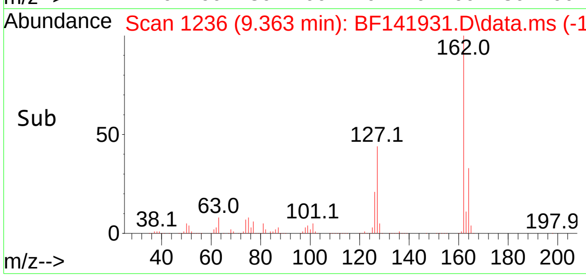
Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.1	61.1
76	10.5	0.0	31.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



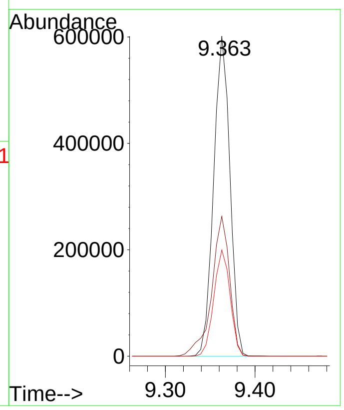


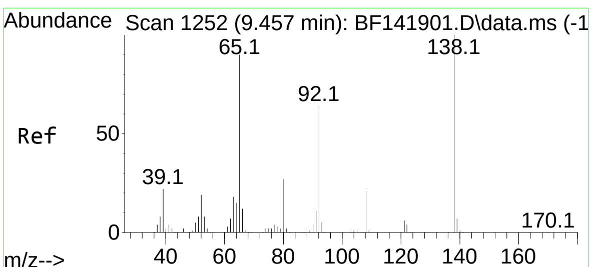


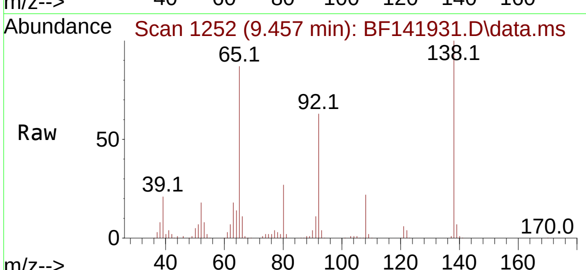
#47
2-Chloronaphthalene
Concen: 38.544 ng
RT: 9.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

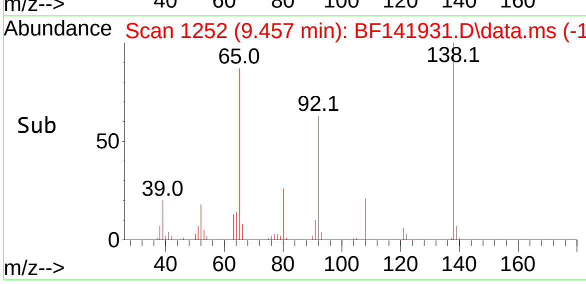
Tgt Ion:162 Resp: 759954

Ion	Ratio	Lower	Upper
162	100		
127	43.7	35.5	53.3
164	33.2	26.6	40.0





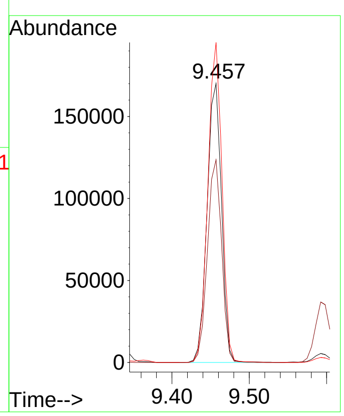




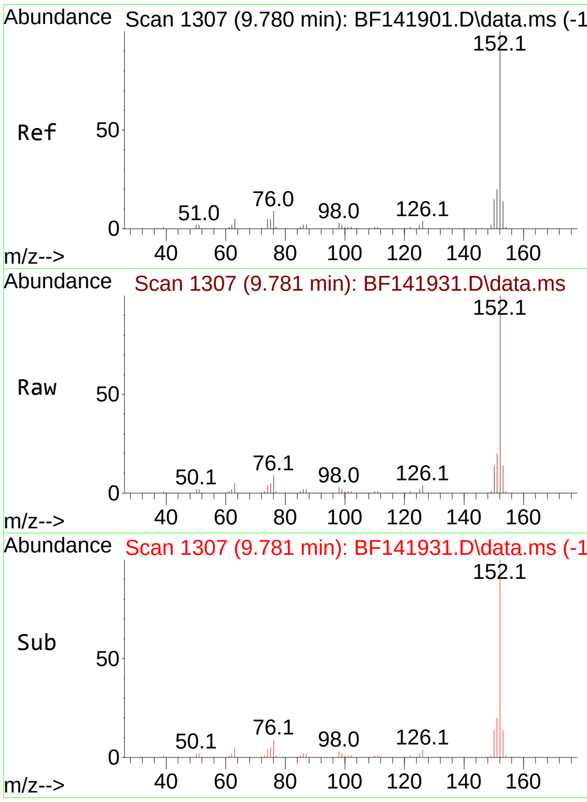
#48
2-Nitroaniline
Concen: 38.794 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 65 Resp: 221467

Ion	Ratio	Lower	Upper
65	100		
92	72.6	56.6	84.8
138	114.7	88.6	133.0



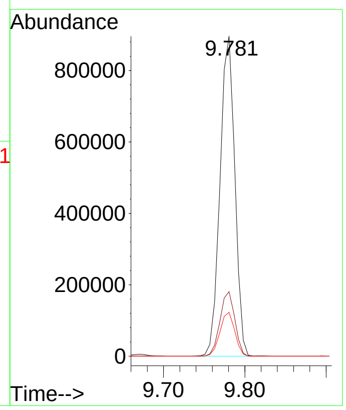
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

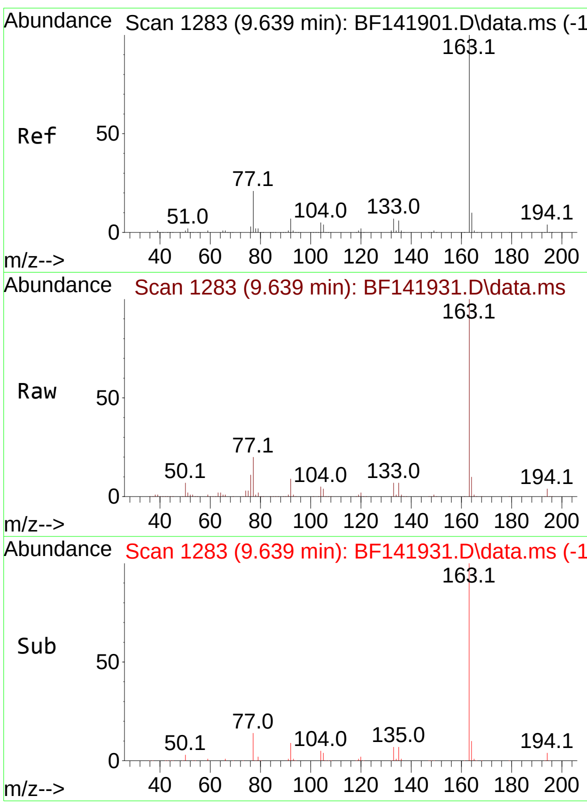


#49
Acenaphthylene
Concen: 39.032 ng
RT: 9.781 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025   10:08

Tgt Ion:152 Resp: 1142019

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.7	11.1	16.7

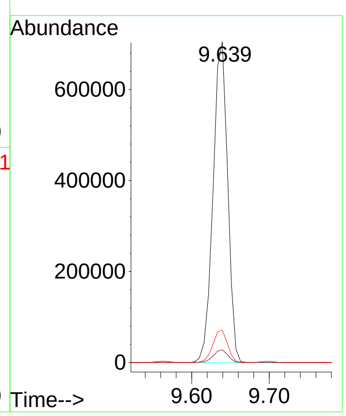




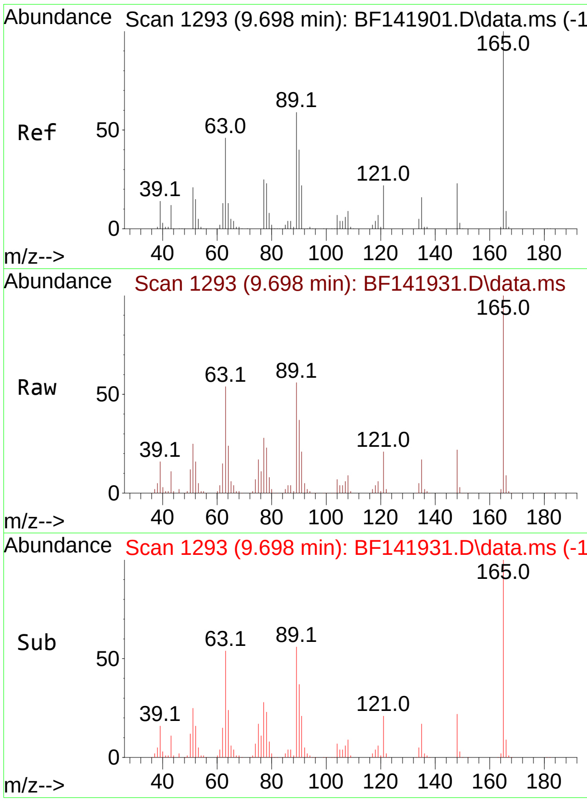
#50
Dimethylphthalate
Concen: 37.821 ng
RT: 9.639 min   Scan# 1283
Delta R.T.   0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025   10:08

Tgt Ion:163 Resp: 922073

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.1	8.2	12.4



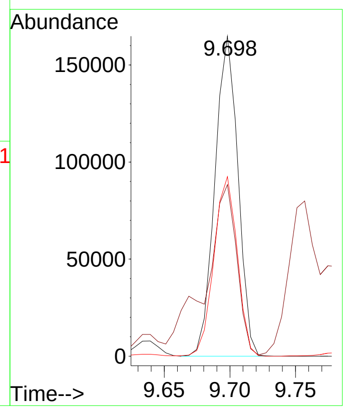
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

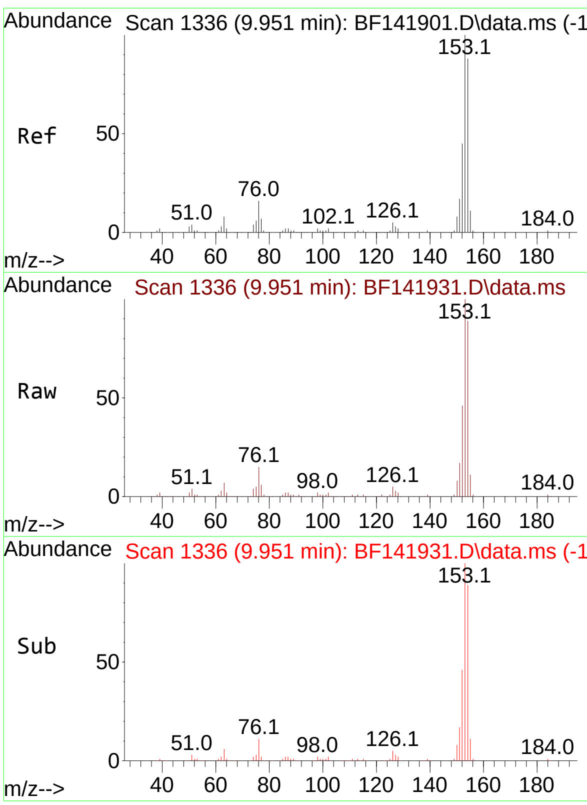


#51
2,6-Dinitrotoluene
Concen: 39.753 ng
RT: 9.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:165 Resp: 201790

Ion	Ratio	Lower	Upper
165	100		
63	53.6	47.0	70.4
89	56.1	47.4	71.2

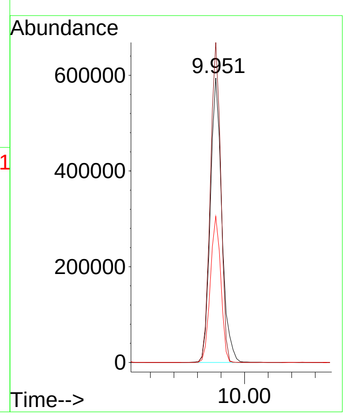




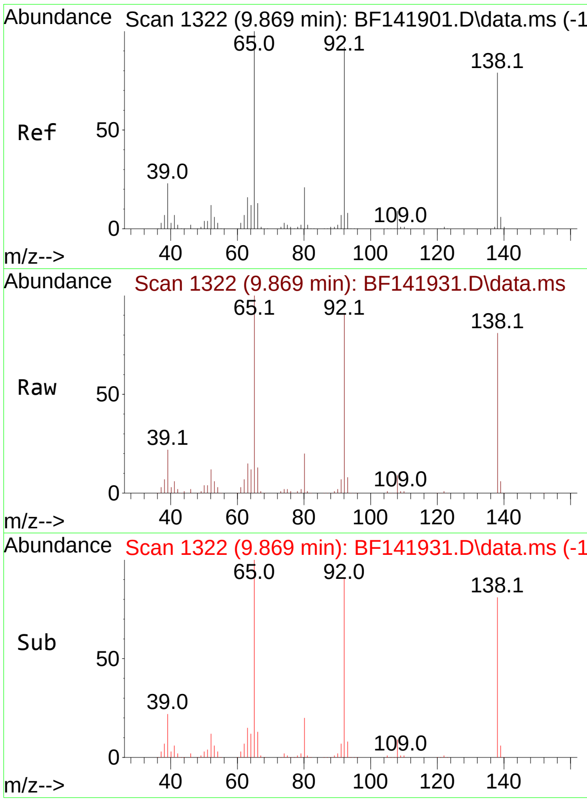
#52
Acenaphthene
Concen: 39.158 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:154 Resp: 805141

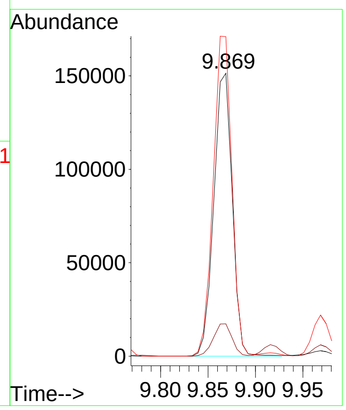
Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.7	136.1
152	51.4	41.1	61.7

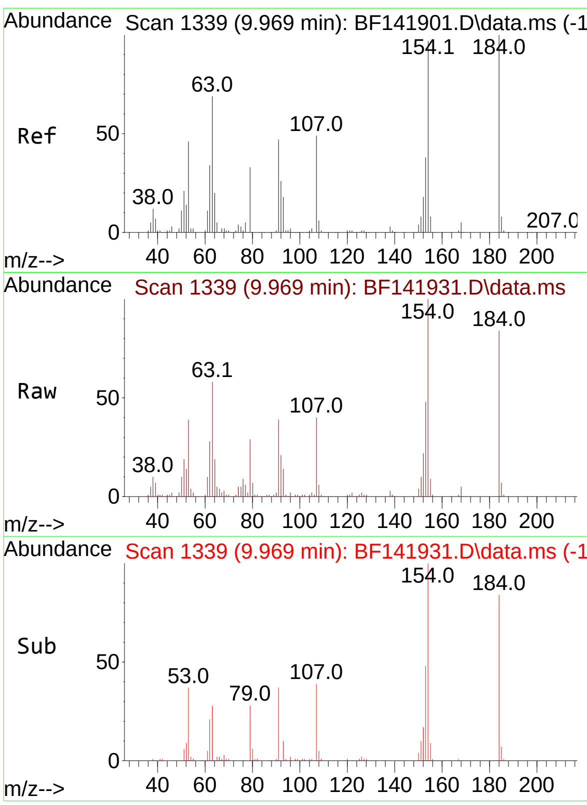


Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

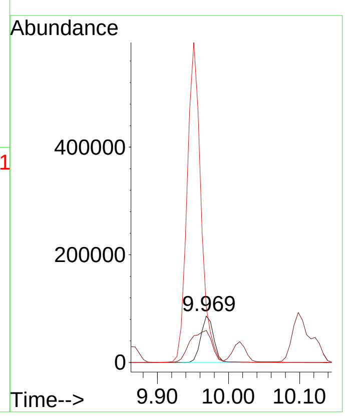



```
#53
3-Nitroaniline
Concen:   39.704 ng
RT:   9.869 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141931.D
Acq: 12 Mar 2025  10:08

Tgt Ion:138 Resp:  204438
Ion  Ratio  Lower  Upper
138  100
108   11.4    9.3   13.9
 92  112.9   93.5  140.3
```

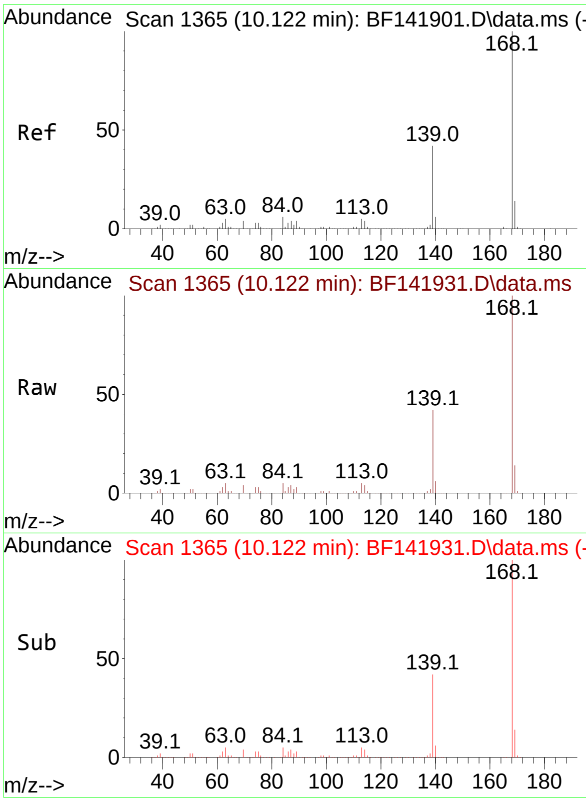





```
#54
2,4-Dinitrophenol
Concen:   41.352 ng
RT:   9.969 min  Scan# 1339
Delta R.T.  -0.000 min
Lab File:   BF141931.D
Acq: 12 Mar 2025  10:08

Tgt Ion:184 Resp:  109284
Ion  Ratio  Lower  Upper
184  100
 63   69.0   60.2   90.4
154  118.7  132.9  199.3#
```



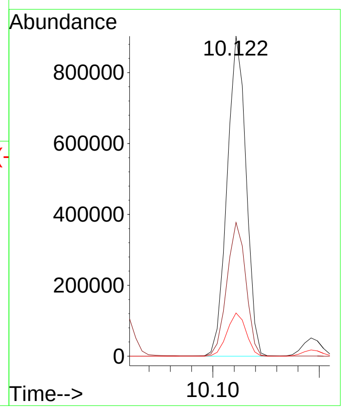
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

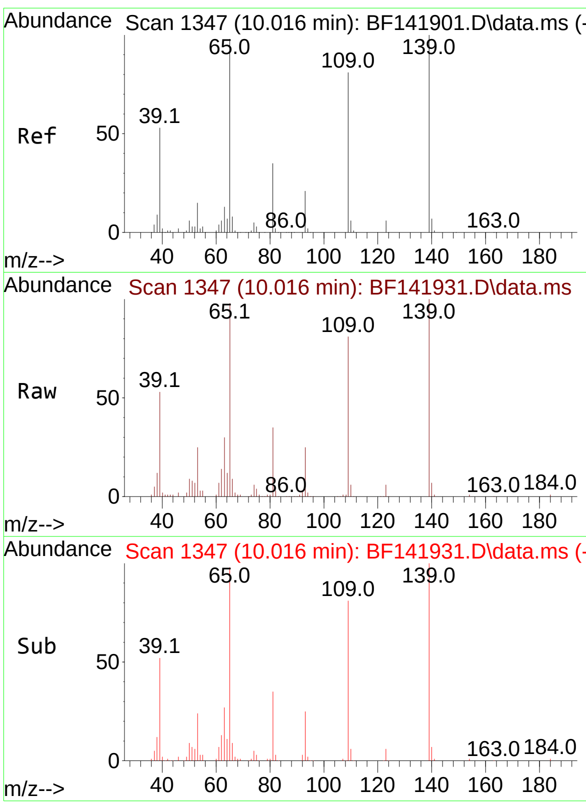


#55
Dibenzofuran
Concen: 38.243 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:168 Resp: 1123580

Ion	Ratio	Lower	Upper
168	100		
139	41.8	33.9	50.9
169	13.5	11.0	16.4

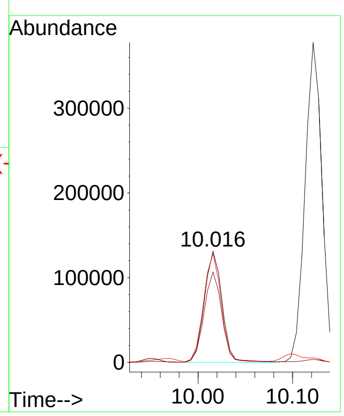




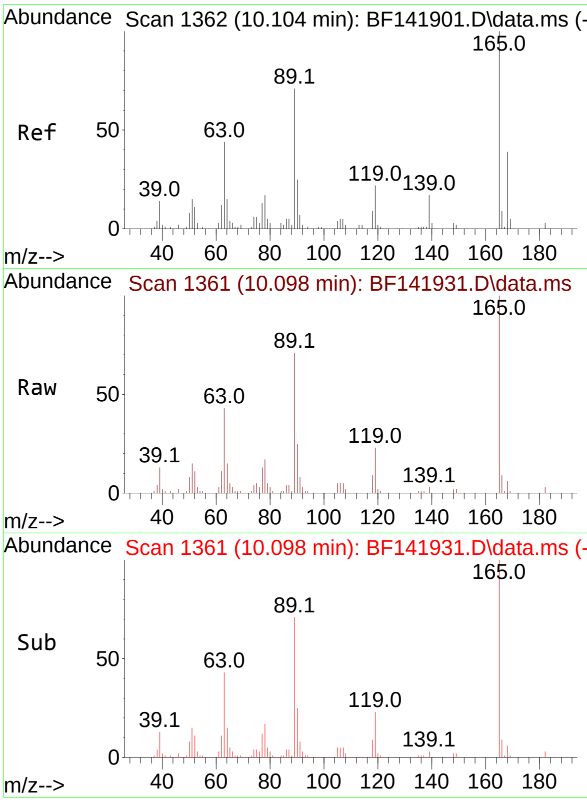
#56
4-Nitrophenol
Concen: 43.934 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:139 Resp: 170597

Ion	Ratio	Lower	Upper
139	100		
109	81.3	61.6	101.6
65	97.9	79.4	119.4



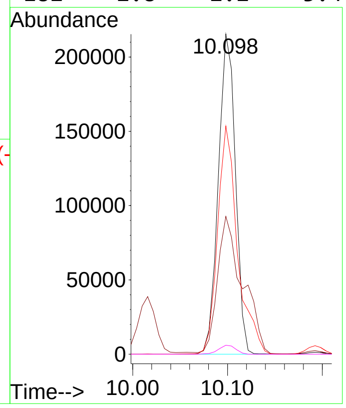
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

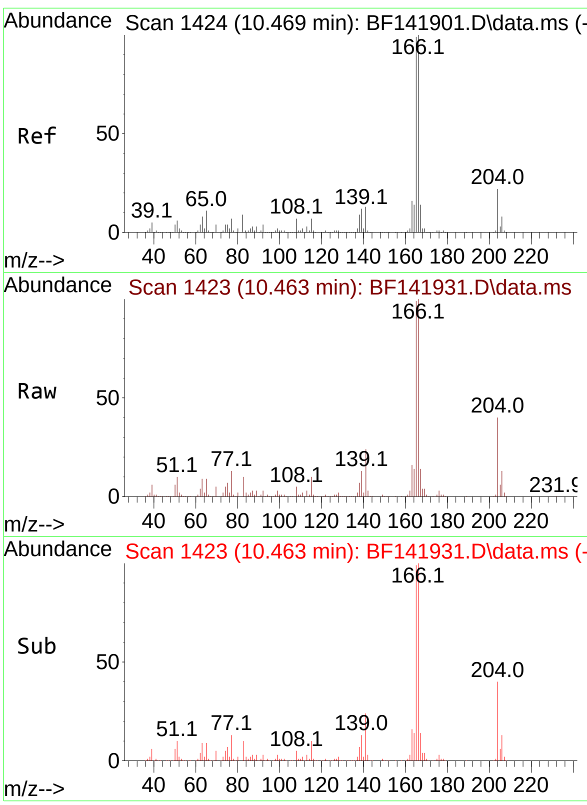


#57
2,4-Dinitrotoluene
Concen: 40.804 ng
RT: 10.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:165 Resp: 270528

Ion	Ratio	Lower	Upper
165	100		
63	43.1	35.4	53.2
89	71.2	56.6	84.8
182	2.8	2.2	3.4

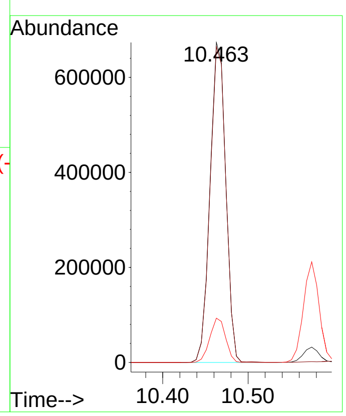




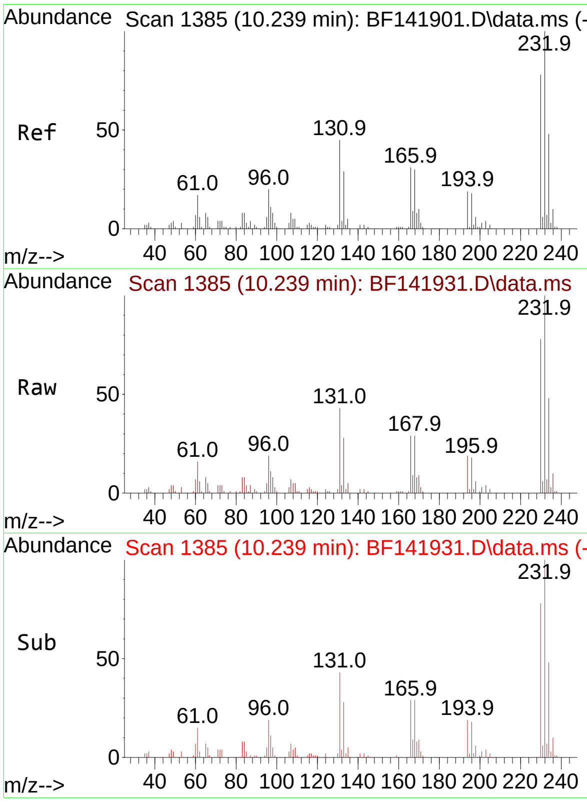
#58
Fluorene
Concen: 38.168 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:166 Resp: 864779

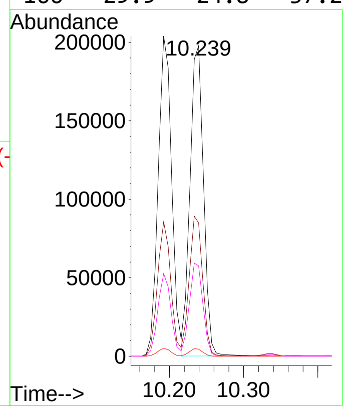
Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.4
167	13.8	11.0	16.4

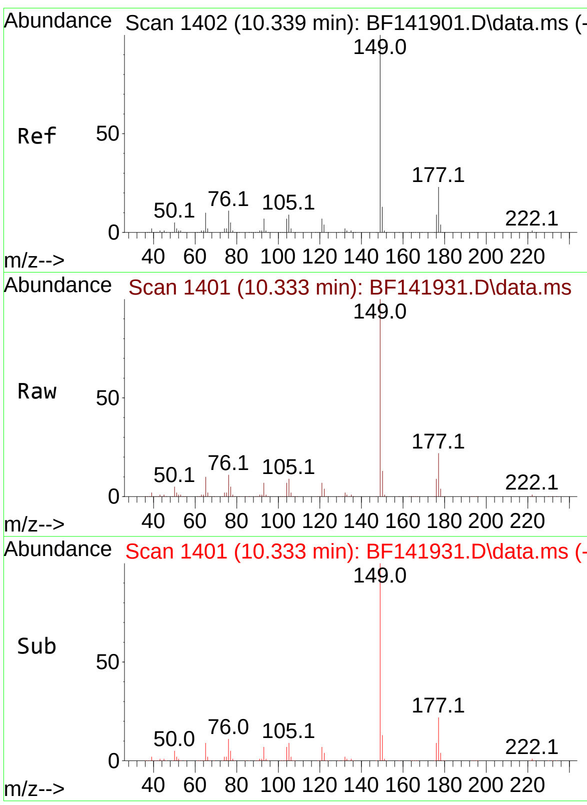


Instrument : BNA_F
ClientSampleId : SSTDCCC040

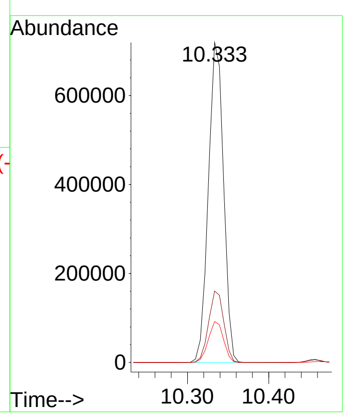



```
#59
2,3,4,6-Tetrachlorophenol
Concen:   39.335 ng
RT:  10.239 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141931.D
Acq: 12 Mar 2025  10:08

Tgt Ion:232 Resp:  251127
Ion  Ratio  Lower  Upper
232  100
131   44.6   37.3   55.9
130    2.4    1.9    2.9
166   29.9   24.8   37.2
```

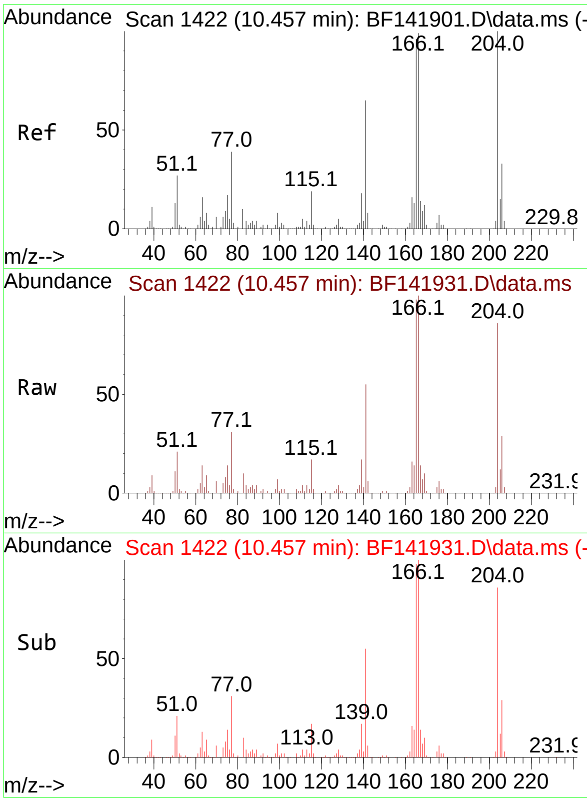





```
#60
Diethylphthalate
Concen:   38.257 ng
RT:  10.333 min  Scan# 1401
Delta R.T.  -0.006 min
Lab File:   BF141931.D
Acq: 12 Mar 2025  10:08

Tgt Ion:149 Resp:  930008
Ion  Ratio  Lower  Upper
149  100
177   22.3   18.0   27.0
150   12.8   10.2   15.4
```



Sample Results: **BF141931.D**

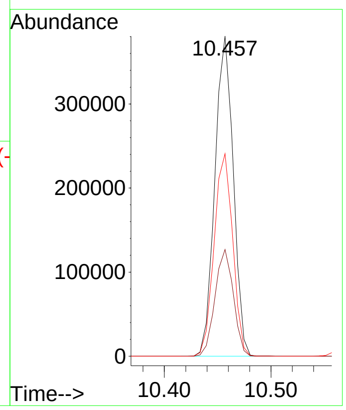


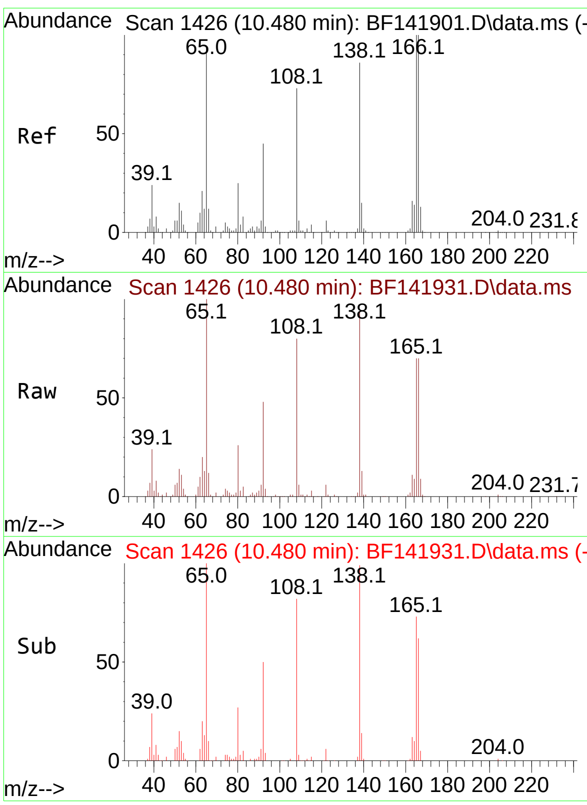
#61
4-Chlorophenyl-phenylether
Concen: 38.596 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 455903

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.8	40.2
141	63.3	52.4	78.6

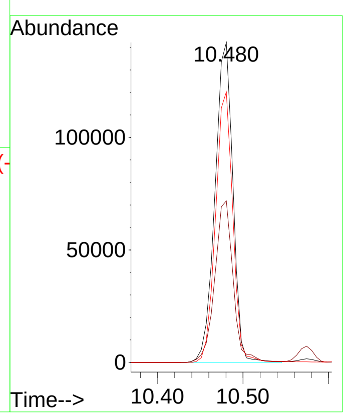




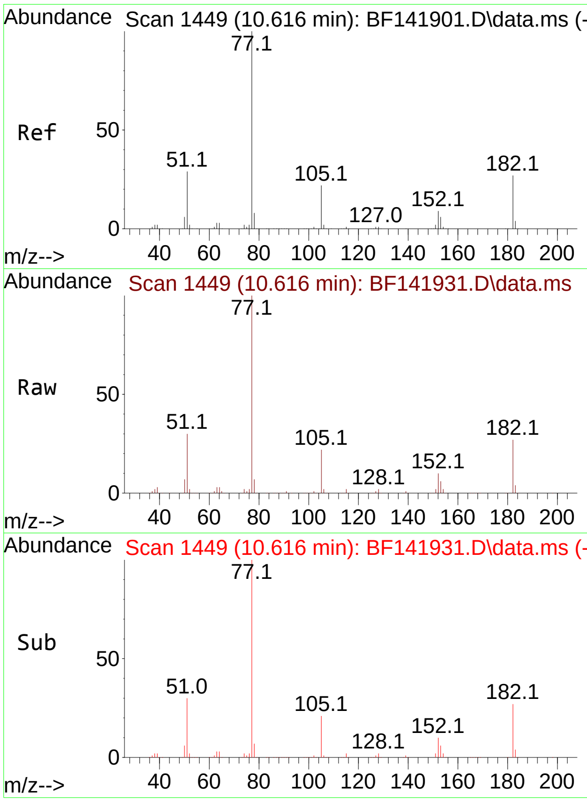
#62
4-Nitroaniline
Concen: 41.535 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:138 Resp: 208211

Ion	Ratio	Lower	Upper
138	100		
92	50.5	32.6	72.6
108	84.6	65.0	105.0



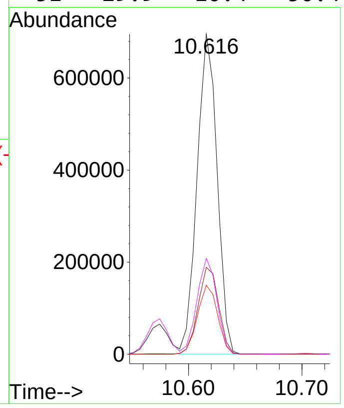
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

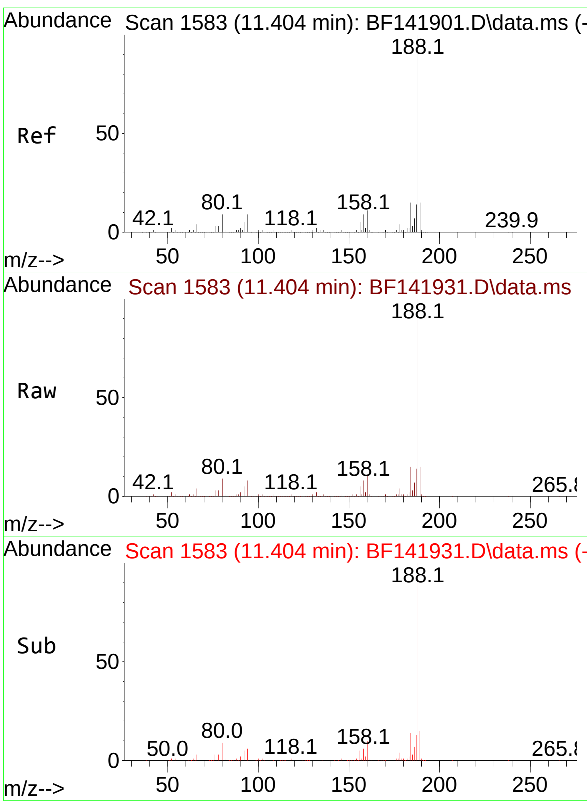


#63
Azobenzene
Concen: 37.774 ng
RT: 10.616 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 77 Resp: 853737

Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.6	46.6
105	21.6	1.3	41.3
51	29.9	10.4	50.4

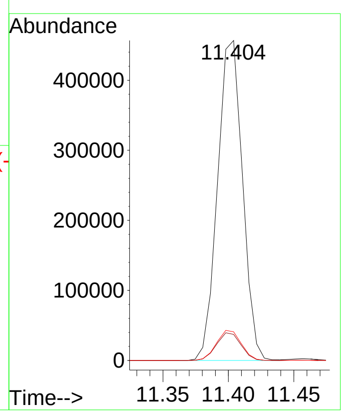




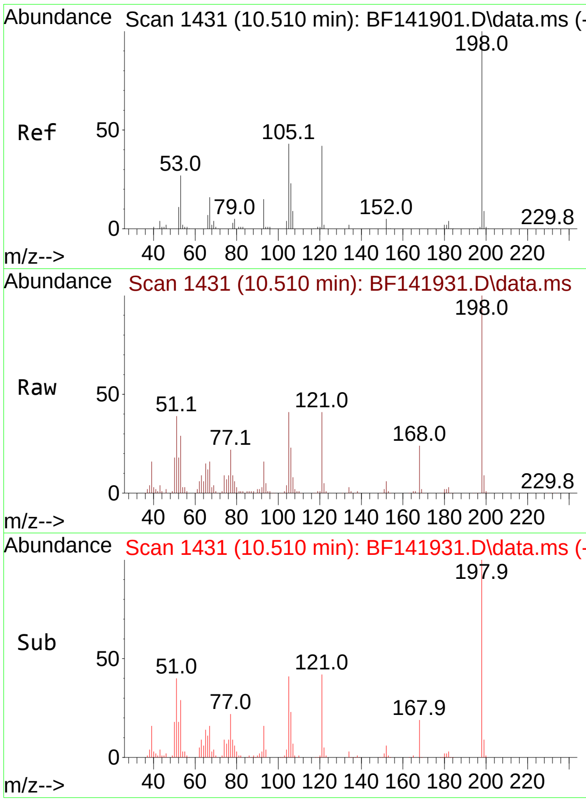
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:188 Resp: 605778

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.8	10.2
80	8.9	7.6	11.4



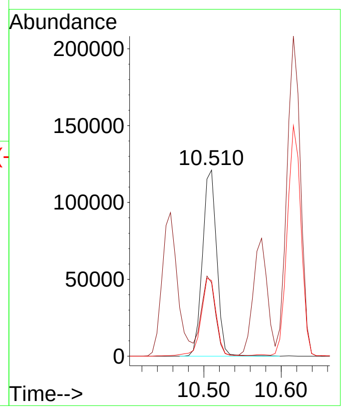
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

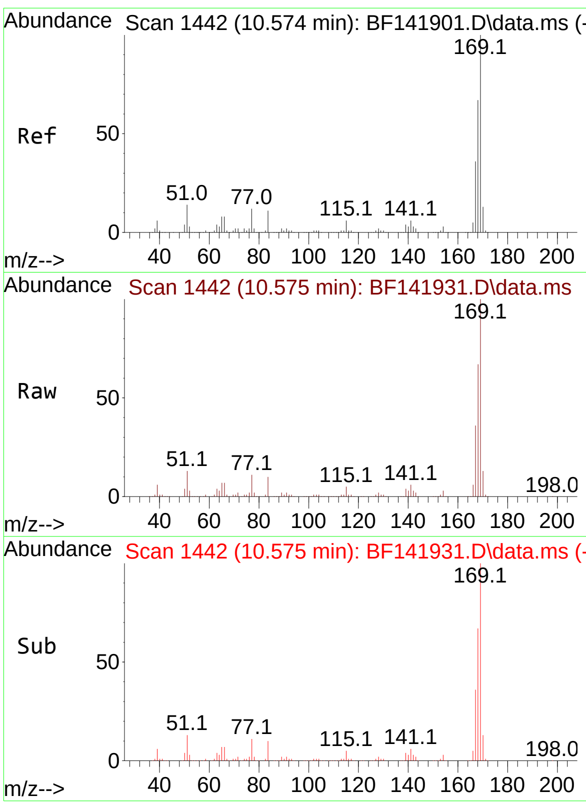


#65
4,6-Dinitro-2-methylphenol
Concen: 42.823 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:198 Resp: 154648

Ion	Ratio	Lower	Upper
198	100		
51	39.5	22.3	62.3
105	40.7	23.0	63.0

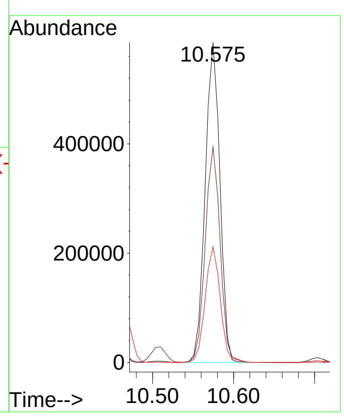




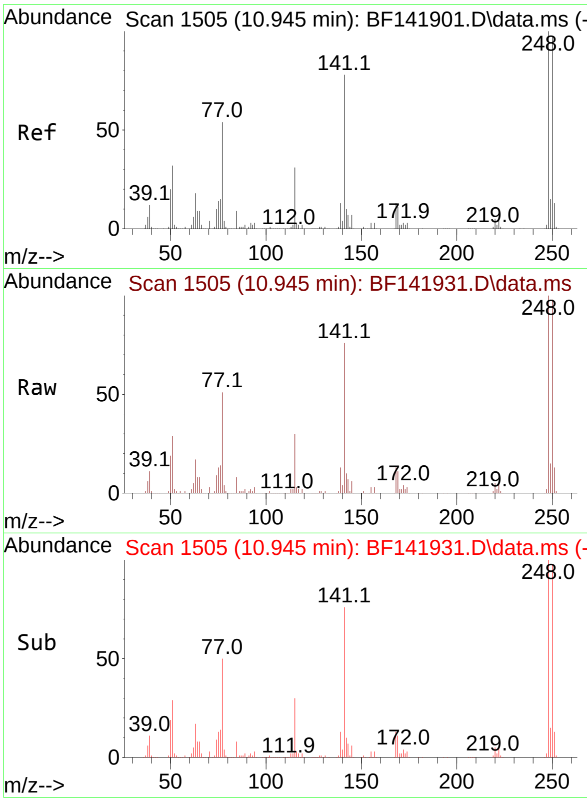
#66
n-Nitrosodiphenylamine
Concen: 37.666 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:169 Resp: 738374

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.7	80.5
167	36.2	29.2	43.8



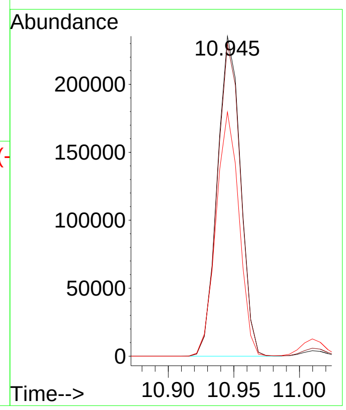
Instrument : BNA_F
ClientSampleId : SSTDCCC040

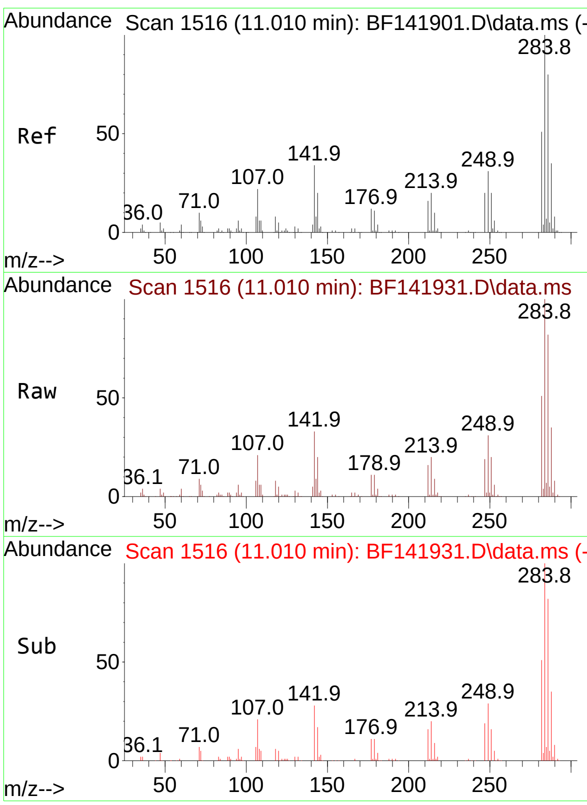


#67
4-Bromophenyl-phenylether
Concen: 38.079 ng
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:248 Resp: 289702

Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.8	116.8
141	76.3	62.6	93.8

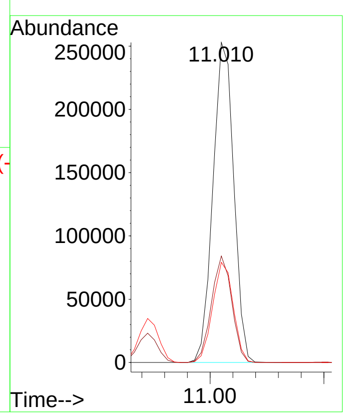




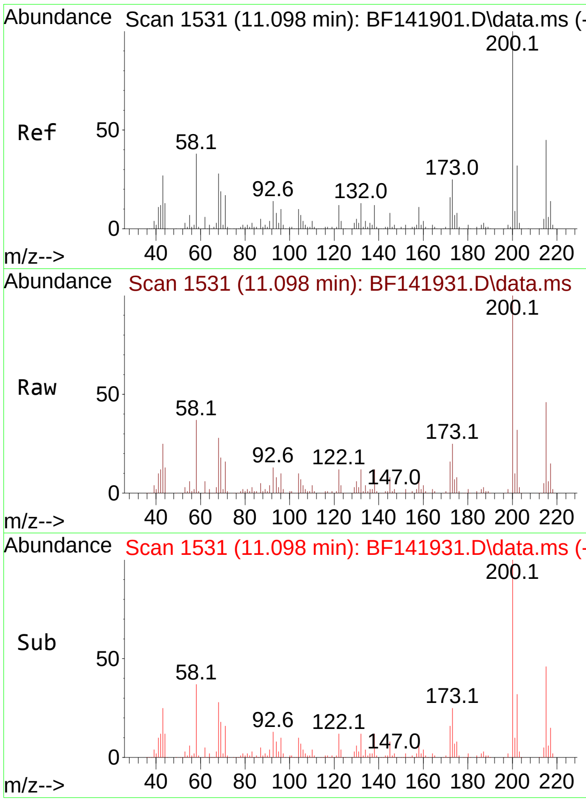
#68
Hexachlorobenzene
Concen: 38.493 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:284 Resp: 321187

Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.0	40.6
249	31.3	25.2	37.8



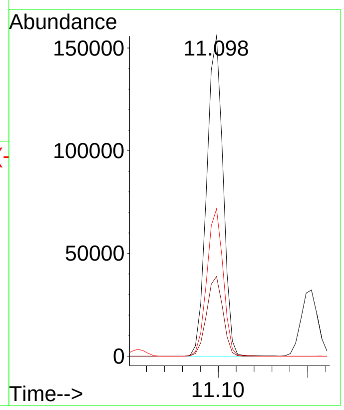
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

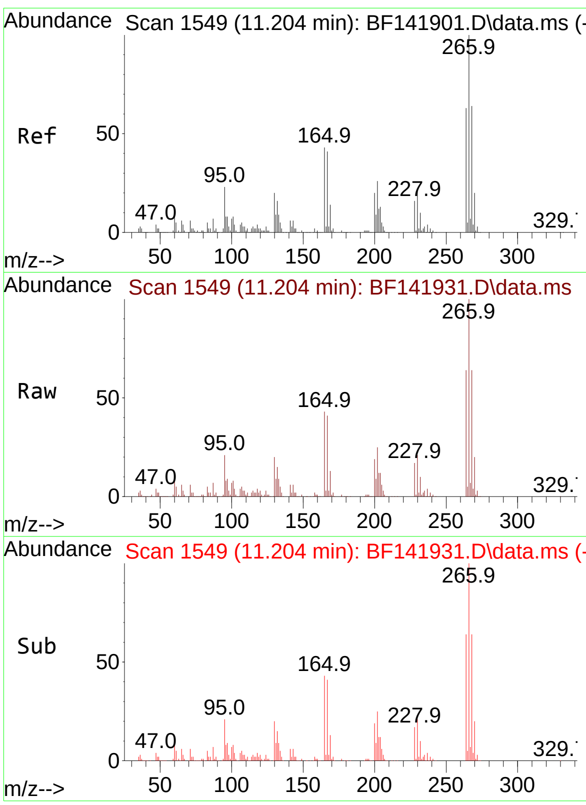


#69
Atrazine
Concen: 32.793 ng
RT: 11.098 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:200 Resp: 197072

Ion	Ratio	Lower	Upper
200	100		
173	24.9	4.7	44.7
215	46.1	25.4	65.4

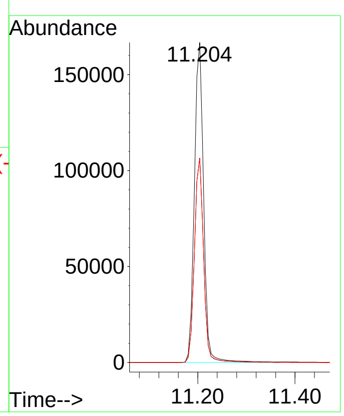




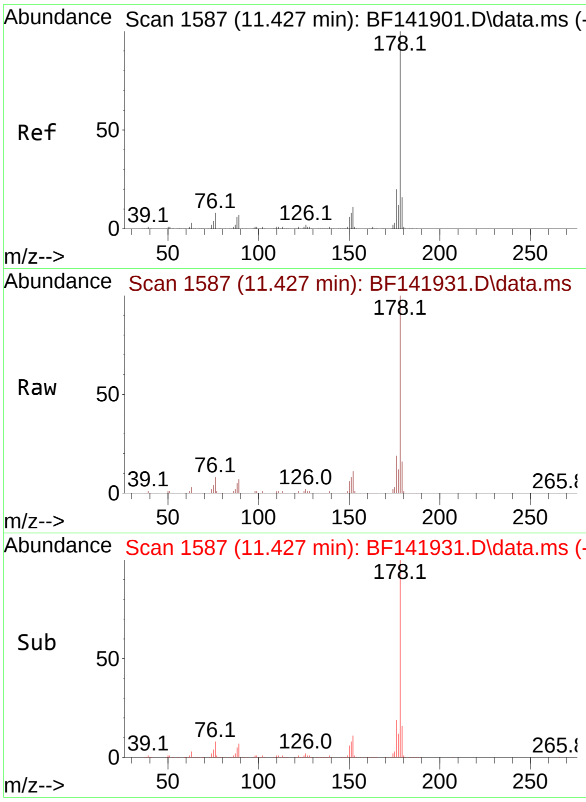
#70
Pentachlorophenol
Concen: 43.176 ng
RT: 11.204 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:266 Resp: 221968

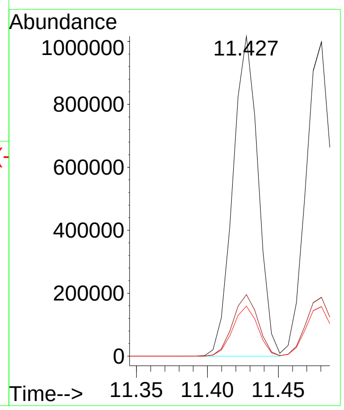
Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.0	76.6
264	63.7	50.2	75.2

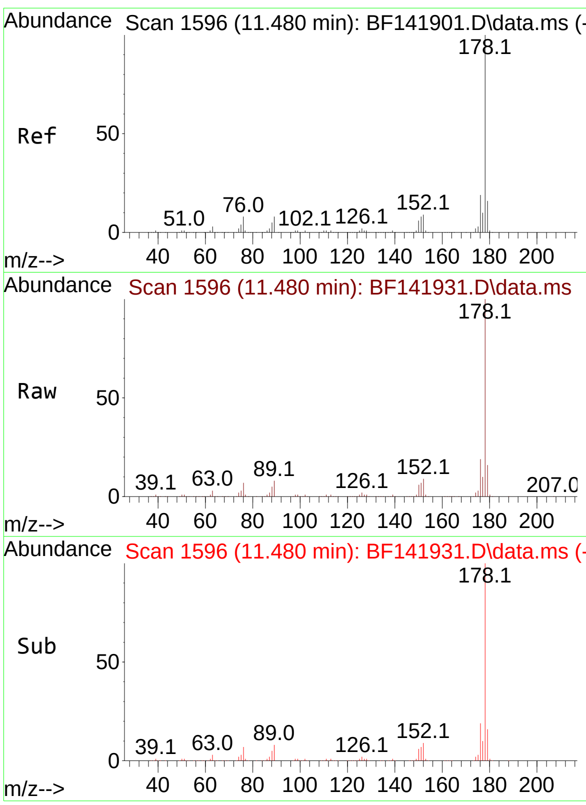


Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

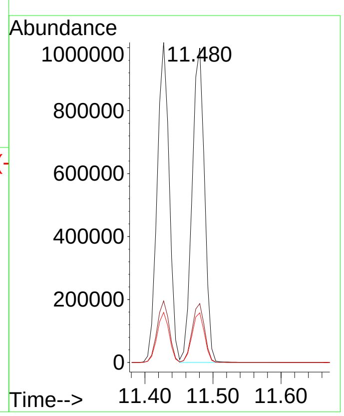



```
#71
Phenanthrene
Concen:   38.538 ng
RT:  11.427 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141931.D
Acq: 12 Mar 2025  10:08

Tgt Ion:178 Resp: 1260955
Ion  Ratio  Lower  Upper
178  100
176   19.3   15.8   23.8
179   15.6   12.6   19.0
```

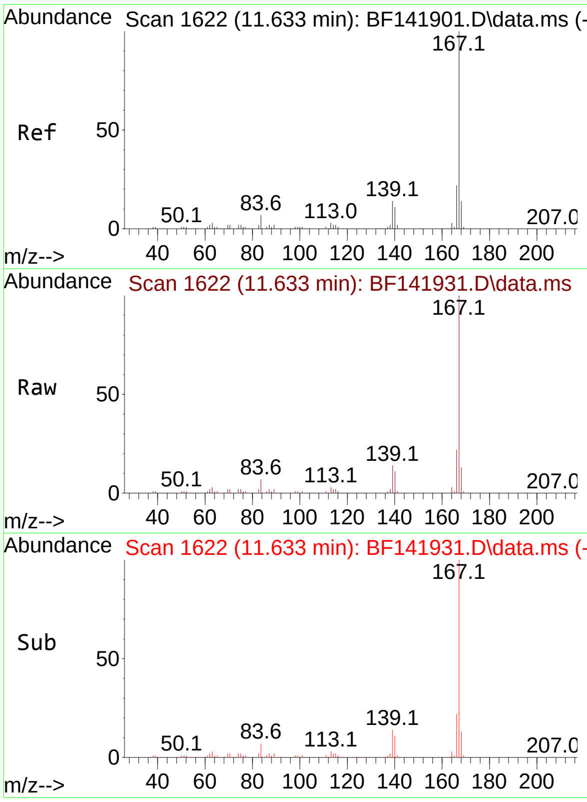





```
#72
Anthracene
Concen:   38.516 ng
RT:  11.480 min  Scan# 1596
Delta R.T.  0.000 min
Lab File:   BF141931.D
Acq: 12 Mar 2025  10:08

Tgt Ion:178 Resp: 1264363
Ion  Ratio  Lower  Upper
178  100
176   18.7   15.1   22.7
179   15.8   12.6   19.0
```



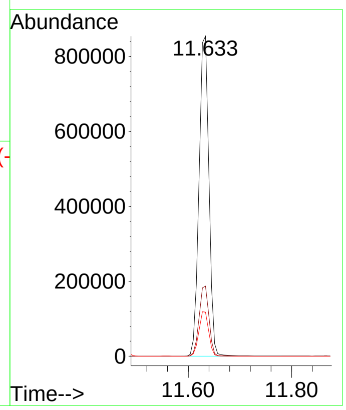
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

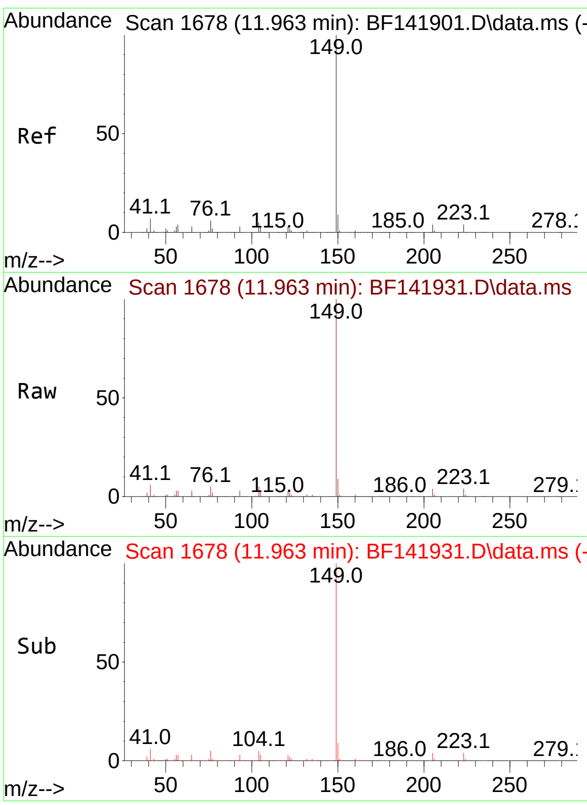


#73
Carbazole
Concen: 40.120 ng
RT: 11.633 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:167 Resp: 1135803

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	13.7	11.0	16.6

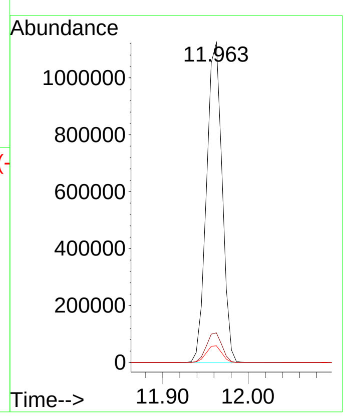




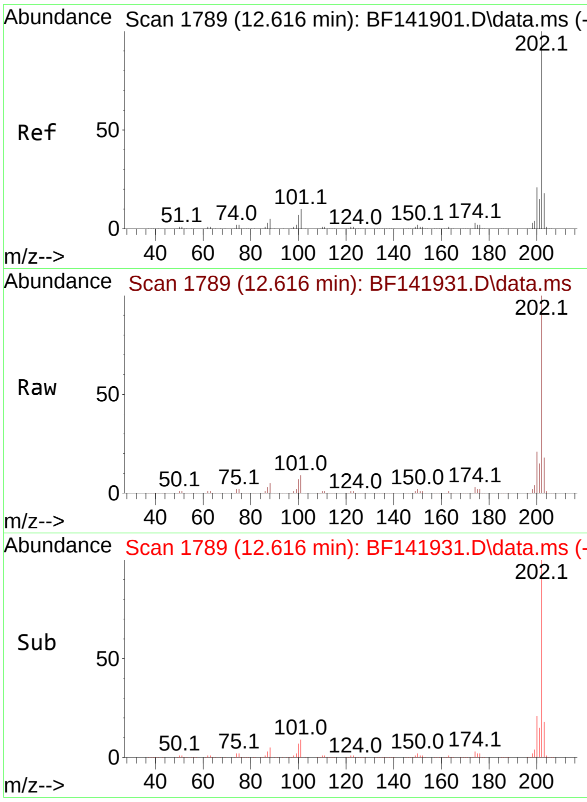
#74
Di-n-butylphthalate
Concen: 37.980 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:149 Resp: 1426682

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	5.2	4.4	6.6



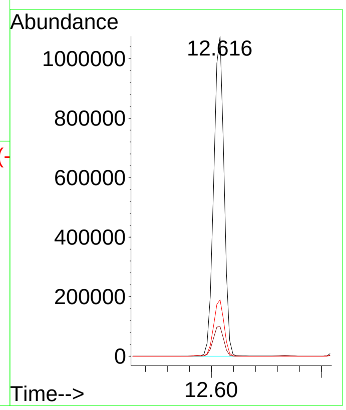
Instrument : BNA_F
ClientSampleId : SSTDCCC040

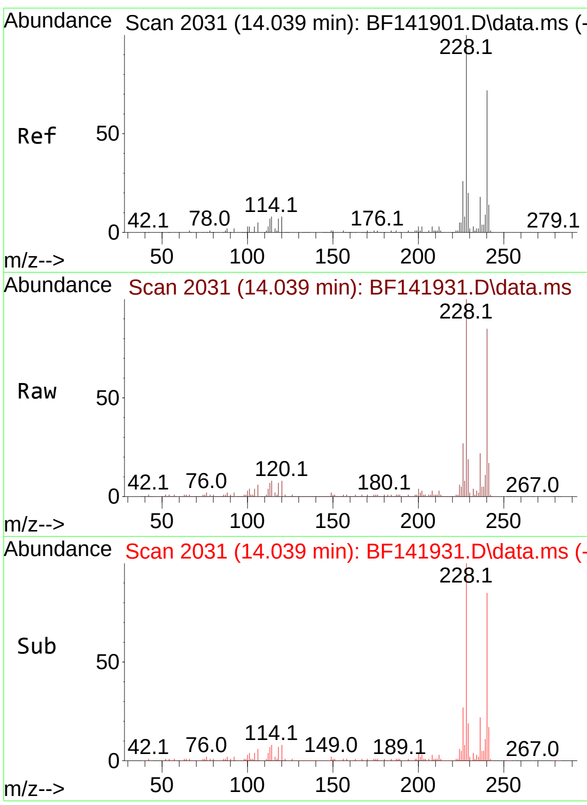


#75
Fluoranthene
Concen: 40.179 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:202 Resp: 1394563

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.7
203	17.6	0.0	37.8

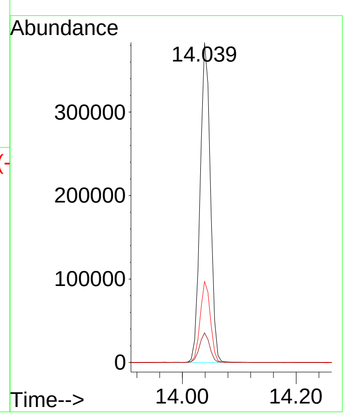




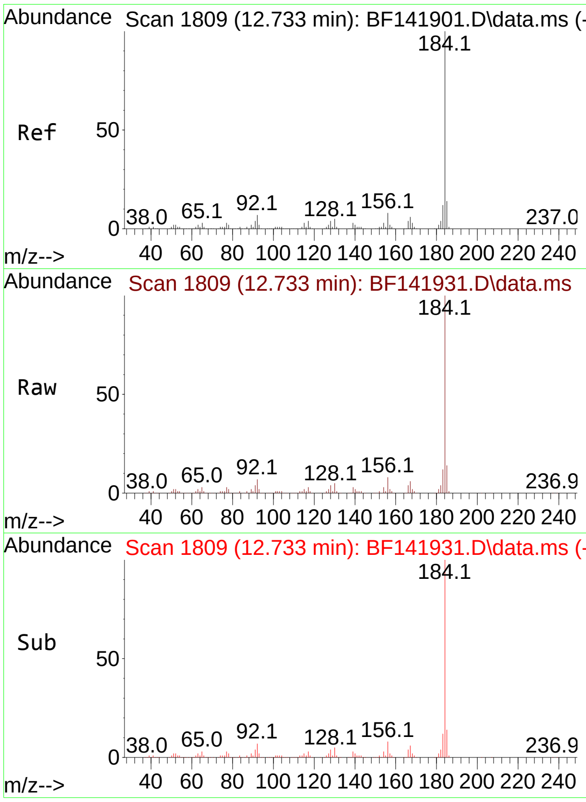
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:240 Resp: 481594

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.4	12.6
236	25.3	20.5	30.7



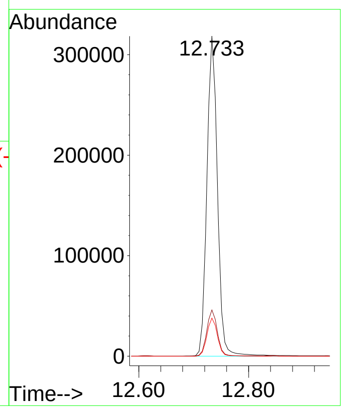
Instrument : BNA_F
ClientSampleId : SSTDCCC040

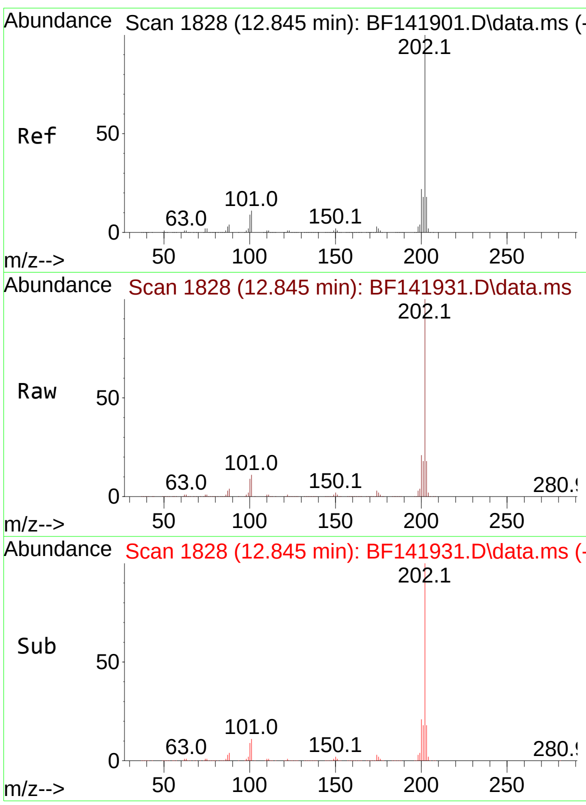


#77
Benzidine
Concen: 63.210 ng
RT: 12.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:184 Resp: 424714

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.5	17.3
183	11.9	9.7	14.5

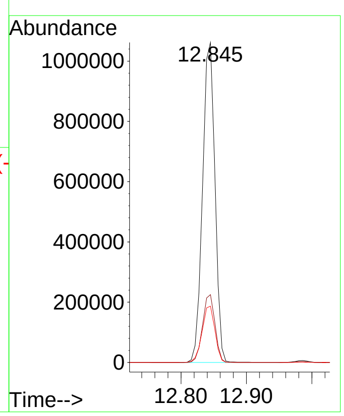




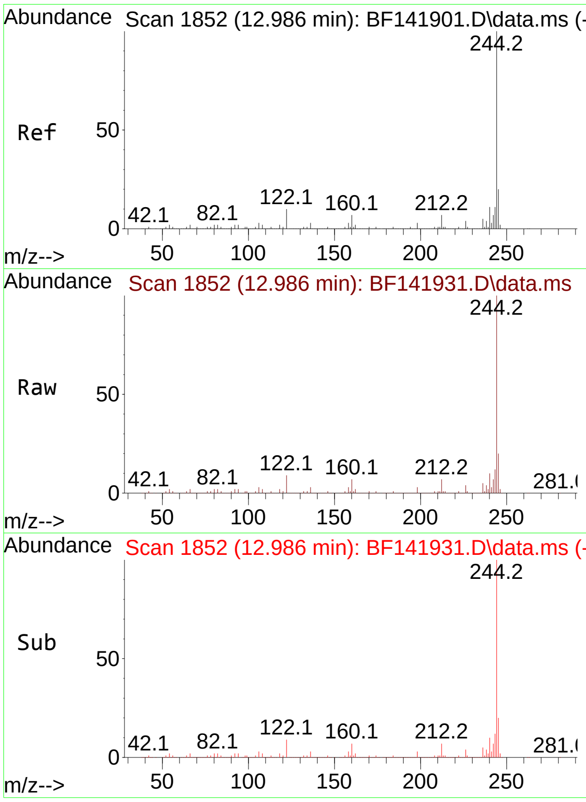
#78
Pyrene
Concen: 33.701 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:202 Resp: 1403910

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.3	25.9
203	17.6	14.4	21.6



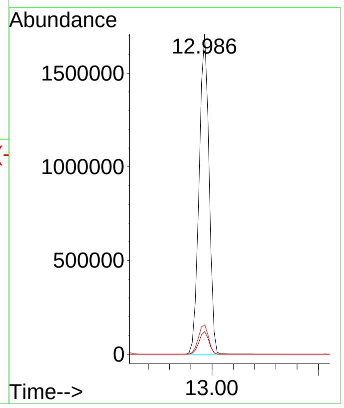
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

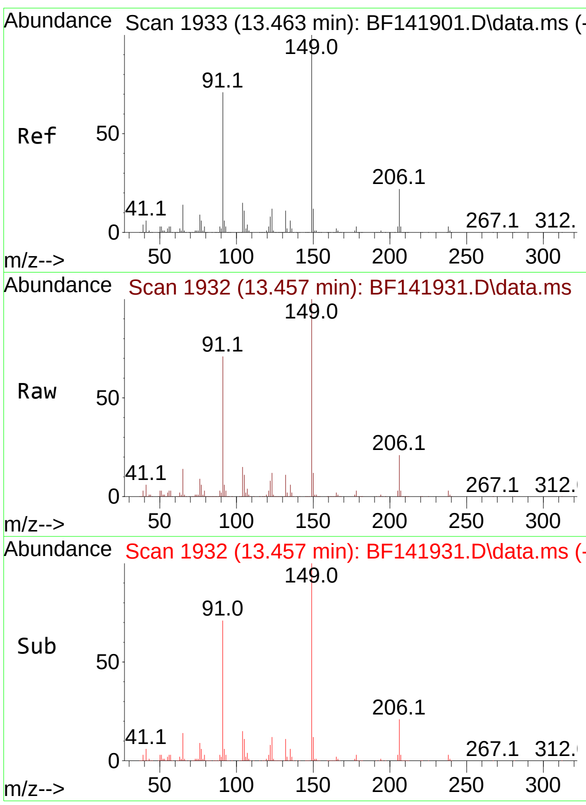


#79
Terphenyl-d14
Concen: 67.799 ng
RT: 12.986 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:244 Resp: 2208503

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	9.2	7.7	11.5

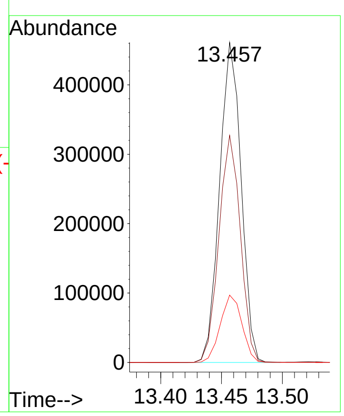




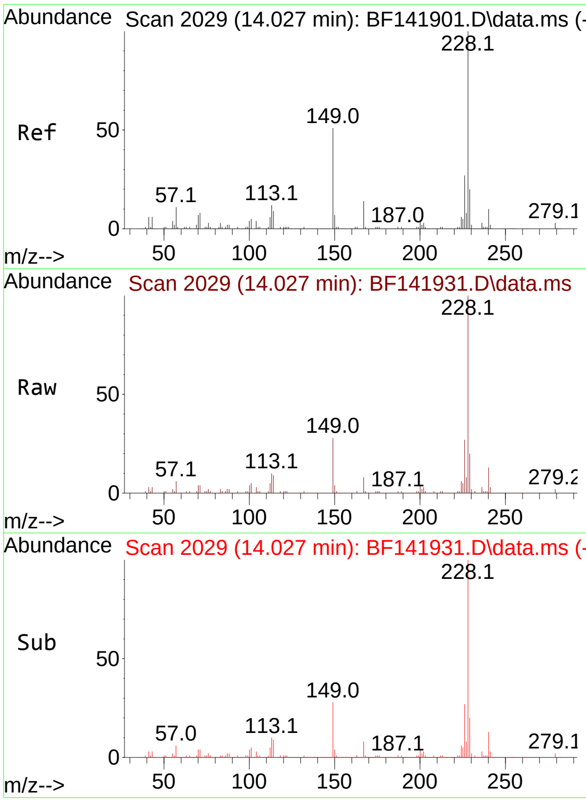
#80
Butylbenzylphthalate
Concen: 34.960 ng
RT: 13.457 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:149 Resp: 570029

Ion	Ratio	Lower	Upper
149	100		
91	71.0	56.5	84.7
206	21.1	17.3	25.9



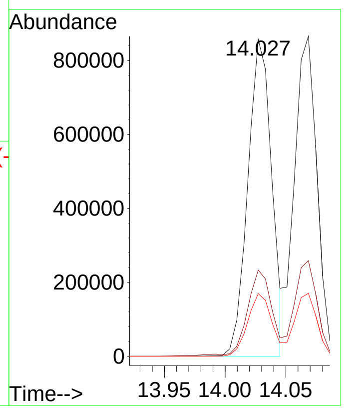
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

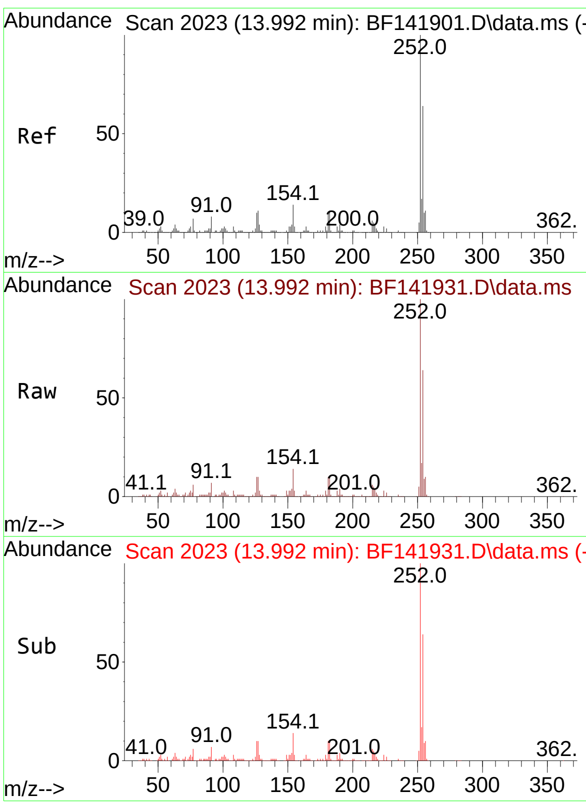


#81
Benzo(a)anthracene
Concen: 37.086 ng
RT: 14.027 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:228 Resp: 1171992

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.8	16.0	24.0

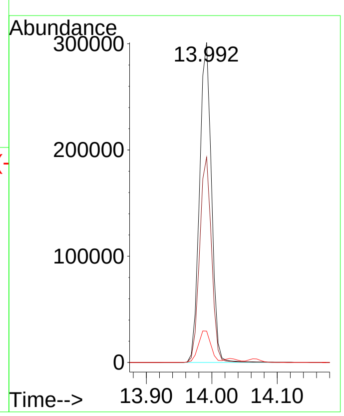




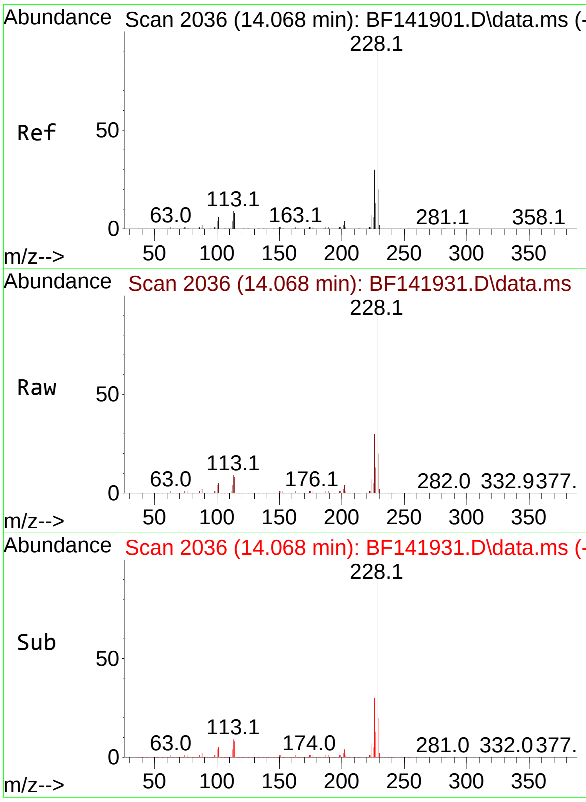
#82
3,3'-Dichlorobenzidine
Concen: 42.005 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:252 Resp: 383617

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.0	76.6
126	9.8	8.4	12.6



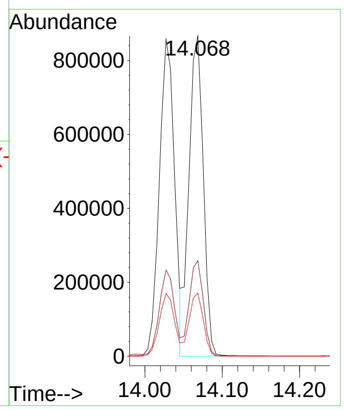
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

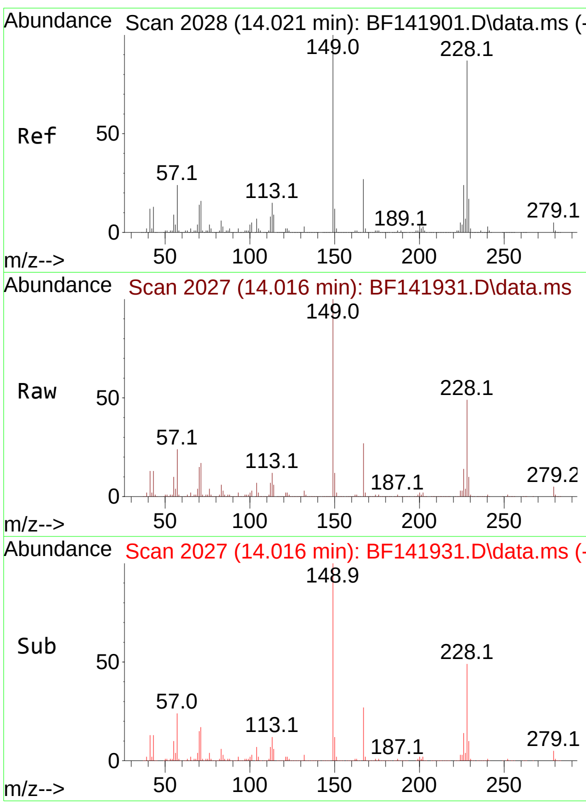


#83
Chrysene
Concen: 38.943 ng
RT: 14.068 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:228 Resp: 1115589

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.6	15.7	23.5

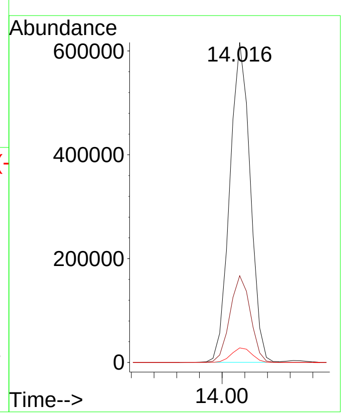




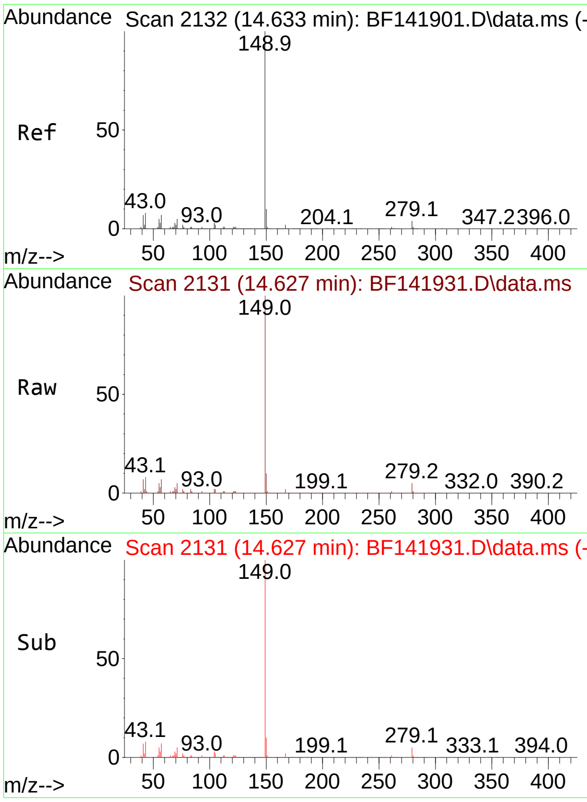
#84
Bis(2-ethylhexyl)phthalate
Concen: 34.362 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:149 Resp: 772514

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	4.5	3.8	5.6



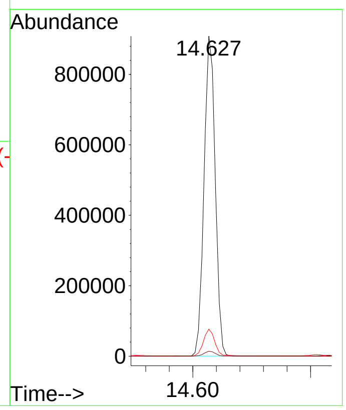
Instrument : BNA_F
ClientSampleId : SSTDCCC040

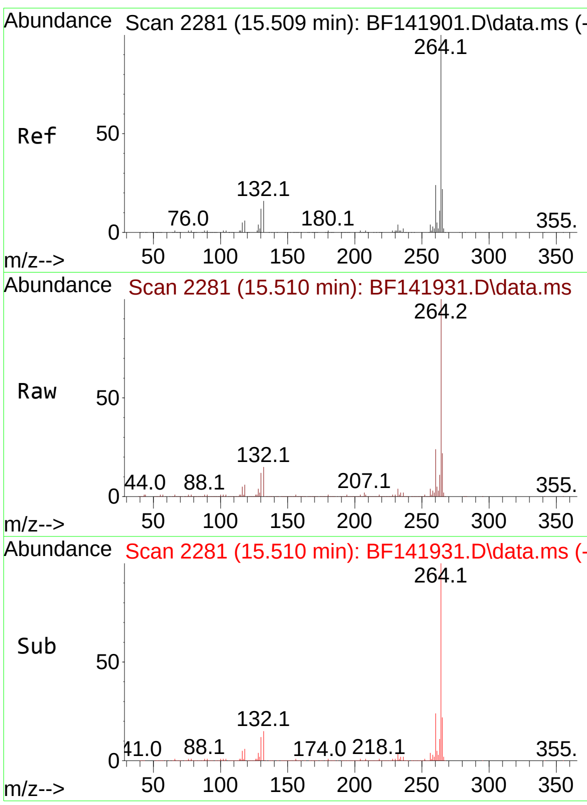


#85
Di-n-octyl phthalate
Concen: 38.193 ng
RT: 14.627 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:149 Resp: 1194710

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.9	10.3

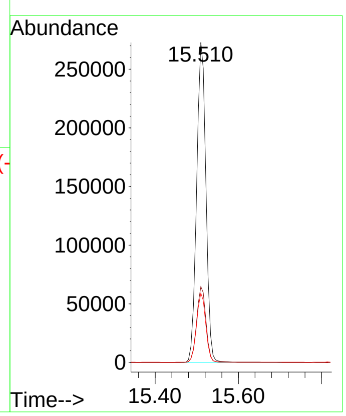




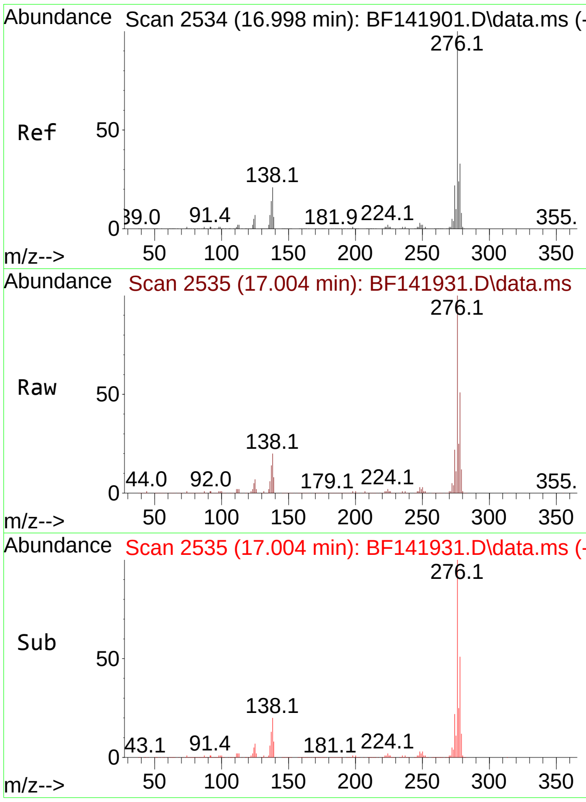
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:264 Resp: 422923

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.6	17.5	26.3



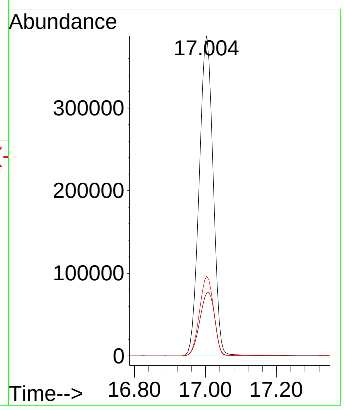
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

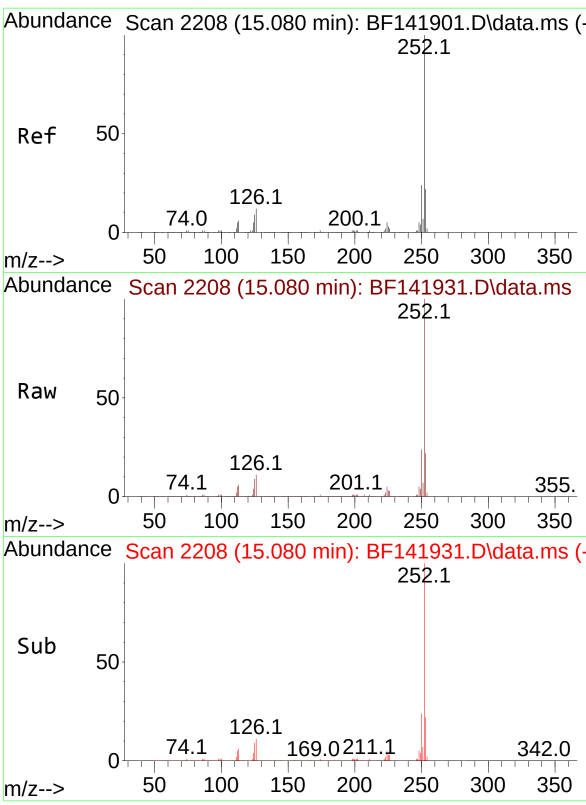


#87
Indeno(1,2,3-cd)pyrene
Concen: 38.688 ng
RT: 17.004 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:276 Resp: 1058431

Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.4	27.6
277	25.5	20.3	30.5

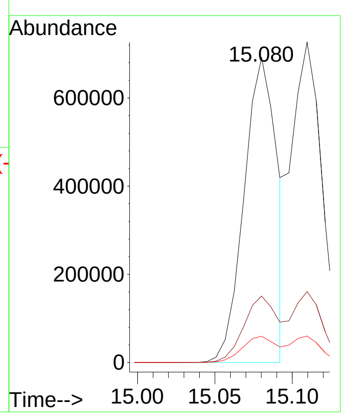




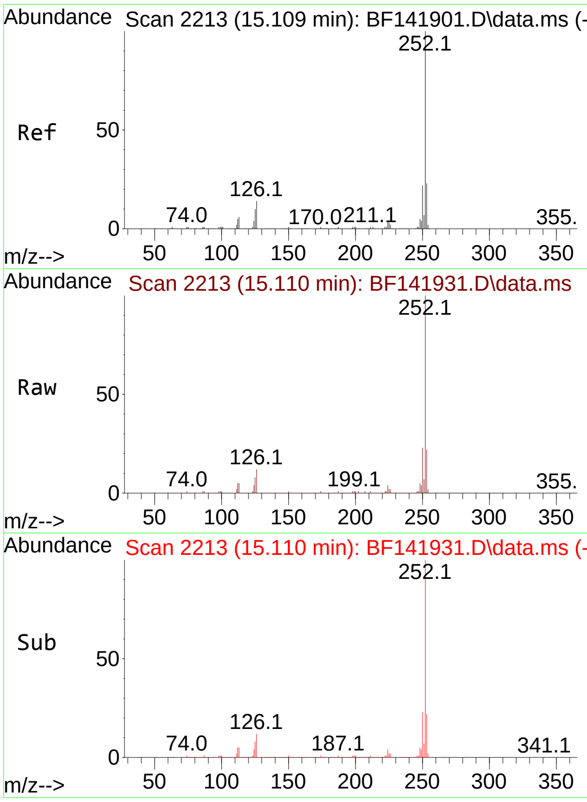
#88
Benzo(b)fluoranthene
Concen: 35.023 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:252 Resp: 1015154

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	8.6	7.0	10.4



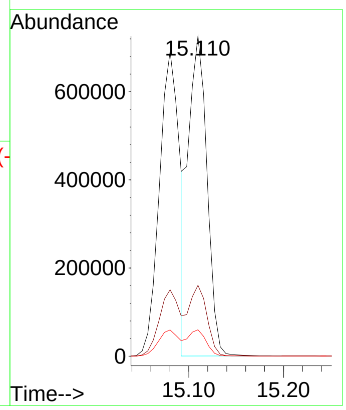
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

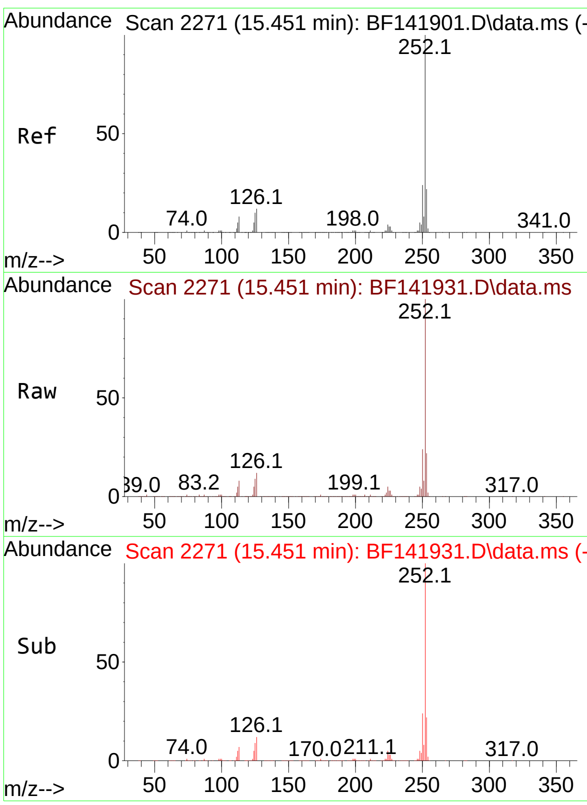


#89
Benzo(k)fluoranthene
Concen: 40.059 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:252 Resp: 993652

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	8.3	7.2	10.8

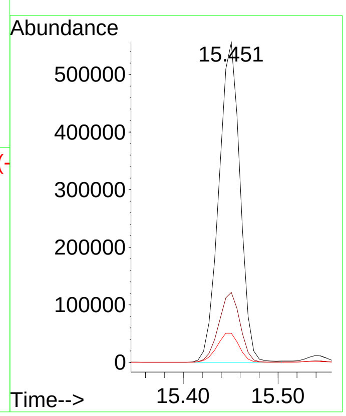




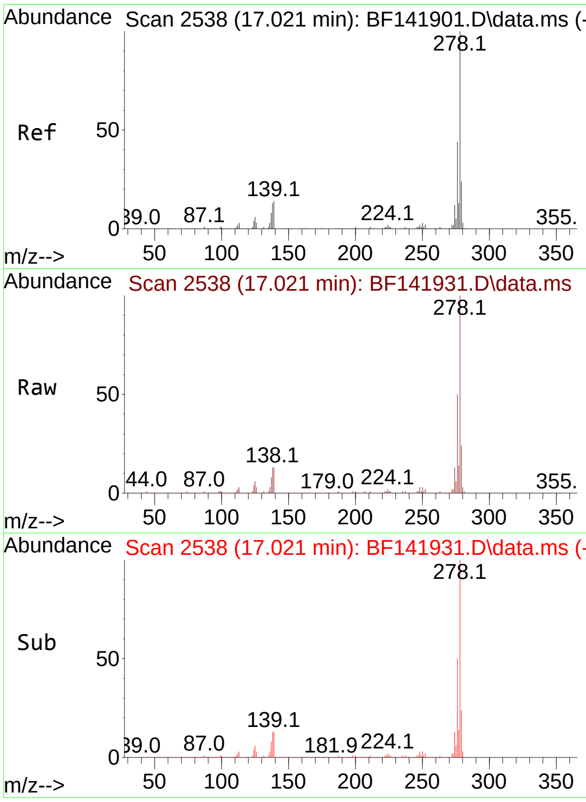
#90
Benzo(a)pyrene
Concen: 38.201 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:252 Resp: 866392

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.1	7.8	11.8



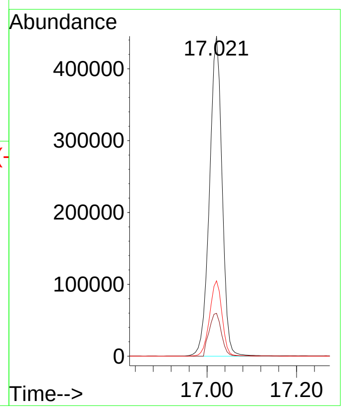
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

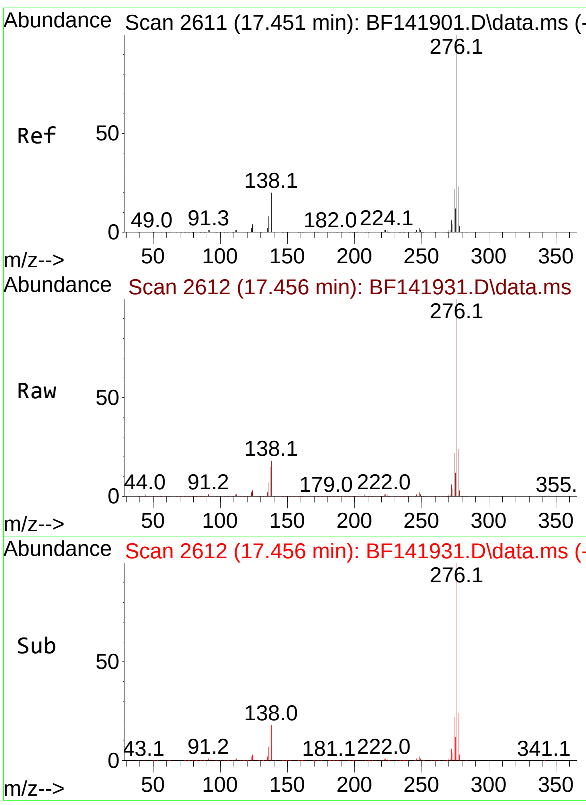


#91
Dibenzo(a,h)anthracene
Concen: 38.541 ng
RT: 17.021 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:278 Resp: 869970

Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.4	17.2
279	23.6	18.8	28.2

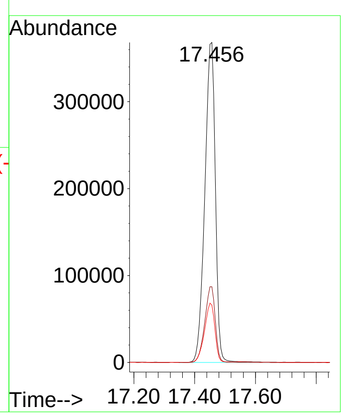




#92
Benzo(g,h,i)perylene
Concen: 39.809 ng
RT: 17.456 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:276 Resp: 887990

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	17.9	15.8	23.8



Sample Results: **BF141931.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141931.D
Acq On : 12 Mar 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 12 11:51:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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	74	0.00
2		1,4-Dioxane	0.502	0.484	3.6	71	-0.03
3		Pyridine	1.232	1.184	3.9	72	-0.02
4		n-Nitrosodimethylamine	0.587	0.560	4.6	71	-0.03
5	S	2-Fluorophenol	1.198	1.173	2.1	75	0.00
6		Aniline	1.505	1.381	8.2	70	0.00
7	S	Phenol-d6	1.526	1.445	5.3	74	0.00
8		2-Chlorophenol	1.329	1.270	4.4	74	0.00
9		Benzaldehyde	0.853	0.814	4.6	77	0.00
10	C	Phenol	1.605	1.537	4.2	74	0.00
11		bis(2-Chloroethyl)ether	1.205	1.109	8.0	71	0.00
12		1,3-Dichlorobenzene	1.435	1.368	4.7	74	0.00
13	C	1,4-Dichlorobenzene	1.452	1.392	4.1	74	0.00
14		1,2-Dichlorobenzene	1.367	1.308	4.3	74	0.00
15		Benzyl Alcohol	1.233	1.170	5.1	73	0.00
16		2,2'-oxybis(1-Chloropropane	1.455	1.263	13.2	68	0.00
17		2-Methylphenol	1.057	0.974	7.9	71	0.00
18		Hexachloroethane	0.544	0.519	4.6	74	0.00
19	P	n-Nitroso-di-n-propylamine	0.980	0.856	12.7	69	0.00
20		3+4-Methylphenols	1.354	1.263	6.7	72	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	71	0.00
22		Acetophenone	0.479	0.458	4.4	71	0.00
23	S	Nitrobenzene-d5	0.355	0.352	0.8	72	0.00
24		Nitrobenzene	0.353	0.344	2.5	71	0.00
25		Isophorone	0.628	0.581	7.5	69	0.00
26	C	2-Nitrophenol	0.173	0.176	-1.7	71	0.00
27		2,4-Dimethylphenol	0.239	0.227	5.0	70	0.00
28		bis(2-Chloroethoxy)methane	0.394	0.365	7.4	70	0.00
29	C	2,4-Dichlorophenol	0.296	0.285	3.7	71	0.00
30		1,2,4-Trichlorobenzene	0.327	0.318	2.8	73	0.00
31		Naphthalene	1.027	0.997	2.9	72	0.00
32		Benzoic acid	0.210	0.221	-5.2	76	-0.01
33		4-Chloroaniline	0.363	0.342	5.8	69	0.00
34	C	Hexachlorobutadiene	0.213	0.209	1.9	73	0.00
35		Caprolactam	0.090	0.086	4.4	73	0.00
36	C	4-Chloro-3-methylphenol	0.331	0.312	5.7	70	0.00
37		2-Methylnaphthalene	0.687	0.654	4.8	71	0.00
38		1-Methylnaphthalene	0.663	0.629	5.1	72	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	71	0.00
40		1,2,4,5-Tetrachlorobenzene	0.609	0.594	2.5	71	0.00
41	P	Hexachlorocyclopentadiene	0.238	0.247	-3.8	70	0.00
42	S	2,4,6-Tribromophenol	0.254	0.254	0.0	72	0.00
43	C	2,4,6-Trichlorophenol	0.398	0.392	1.5	69	0.00
44		2,4,5-Trichlorophenol	0.403	0.388	3.7	70	0.00
45	S	2-Fluorobiphenyl	1.315	1.265	3.8	71	0.00
46		1,1'-Biphenyl	1.520	1.481	2.6	72	0.00
47		2-Chloronaphthalene	1.133	1.091	3.7	71	0.00

Sample Results: **BF141931.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141931.D
Acq On : 12 Mar 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 12 11:51:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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	0.328	0.318	3.0	70	0.00
49		Acenaphthylene	1.681	1.640	2.4	71	0.00
50		Dimethylphthalate	1.401	1.324	5.5	70	0.00
51		2,6-Dinitrotoluene	0.292	0.290	0.7	72	0.00
52	C	Acenaphthene	1.181	1.156	2.1	71	0.00
53		3-Nitroaniline	0.296	0.294	0.7	71	0.00
54	P	2,4-Dinitrophenol	0.139	0.157	-12.9	78	0.00
55		Dibenzofuran	1.688	1.614	4.4	71	0.00
56	P	4-Nitrophenol	0.223	0.245	-9.9	75	0.00
57		2,4-Dinitrotoluene	0.381	0.389	-2.1	73	0.00
58		Fluorene	1.302	1.242	4.6	71	0.00
59		2,3,4,6-Tetrachlorophenol	0.367	0.361	1.6	71	0.00
60		Diethylphthalate	1.397	1.336	4.4	71	0.00
61		4-Chlorophenyl-phenylether	0.679	0.655	3.5	72	0.00
62		4-Nitroaniline	0.288	0.299	-3.8	73	0.00
63		Azobenzene	1.298	1.226	5.5	69	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	72	0.00
65		4,6-Dinitro-2-methylphenol	0.119	0.128	-7.6	76	0.00
66	c	n-Nitrosodiphenylamine	0.647	0.609	5.9	71	0.00
67		4-Bromophenyl-phenylether	0.251	0.239	4.8	71	0.00
68		Hexachlorobenzene	0.275	0.265	3.6	71	0.00
69		Atrazine	0.198	0.163	17.7	72	0.00
70	C	Pentachlorophenol	0.170	0.183	-7.6	75	0.00
71		Phenanthrene	1.080	1.041	3.6	72	0.00
72		Anthracene	1.084	1.044	3.7	72	0.00
73		Carbazole	0.935	0.937	-0.2	74	0.00
74		Di-n-butylphthalate	1.240	1.178	5.0	72	0.00
75	C	Fluoranthene	1.146	1.151	-0.4	75	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	85	0.00
77		Benzidine	0.279	0.441	-58.1#	104	0.00
78		Pyrene	1.730	1.458	15.7	76	0.00
79	S	Terphenyl-d14	1.353	1.146	15.3	76	0.00
80		Butylbenzylphthalate	0.677	0.592	12.6	76	0.00
81		Benzo(a)anthracene	1.312	1.217	7.2	81	0.00
82		3,3'-Dichlorobenzidine	0.379	0.398	-5.0	91	0.00
83		Chrysene	1.190	1.158	2.7	86	0.00
84		Bis(2-ethylhexyl)phthalate	0.934	0.802	14.1	75	0.00
85	c	Di-n-octyl phthalate	1.299	1.240	4.5	83	0.00
86	I	Perylene-d12	1.000	1.000	0.0	90	0.00
87		Indeno(1,2,3-cd)pyrene	1.294	1.251	3.3	88	0.00
88		Benzo(b)fluoranthene	1.371	1.200	12.5	89	0.00
89		Benzo(k)fluoranthene	1.173	1.175	-0.2	88	0.00
90	C	Benzo(a)pyrene	1.073	1.024	4.6	89	0.00
91		Dibenzo(a,h)anthracene	1.067	1.029	3.6	87	0.00
92		Benzo(g,h,i)perylene	1.055	1.050	0.5	89	0.00

Sample Results: **BF141931.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141931.D
Acq On : 12 Mar 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 12 11:51:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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: **BF141931.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141931.D
Acq On : 12 Mar 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 12 11:51:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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	74	0.00
2		1,4-Dioxane	40.000	38.522	3.7	71	-0.03
3		Pyridine	40.000	38.463	3.8	72	-0.02
4		n-Nitrosodimethylamine	40.000	38.171	4.6	71	-0.03
5	S	2-Fluorophenol	80.000	78.286	2.1	75	0.00
6		Aniline	40.000	36.695	8.3	70	0.00
7	S	Phenol-d6	80.000	75.765	5.3	74	0.00
8		2-Chlorophenol	40.000	38.234	4.4	74	0.00
9		Benzaldehyde	40.000	38.143	4.6	77	0.00
10	C	Phenol	40.000	38.306	4.2	74	0.00
11		bis(2-Chloroethyl)ether	40.000	36.807	8.0	71	0.00
12		1,3-Dichlorobenzene	40.000	38.136	4.7	74	0.00
13	C	1,4-Dichlorobenzene	40.000	38.341	4.1	74	0.00
14		1,2-Dichlorobenzene	40.000	38.273	4.3	74	0.00
15		Benzyl Alcohol	40.000	37.934	5.2	73	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	34.709	13.2	68	0.00
17		2-Methylphenol	40.000	36.871	7.8	71	0.00
18		Hexachloroethane	40.000	38.125	4.7	74	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	34.909	12.7	69	0.00
20		3+4-Methylphenols	40.000	37.330	6.7	72	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	71	0.00
22		Acetophenone	40.000	38.275	4.3	71	0.00
23	S	Nitrobenzene-d5	80.000	79.132	1.1	72	0.00
24		Nitrobenzene	40.000	38.965	2.6	71	0.00
25		Isophorone	40.000	36.971	7.6	69	0.00
26	C	2-Nitrophenol	40.000	40.487	-1.2	71	0.00
27		2,4-Dimethylphenol	40.000	38.044	4.9	70	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.005	7.5	70	0.00
29	C	2,4-Dichlorophenol	40.000	38.418	4.0	71	0.00
30		1,2,4-Trichlorobenzene	40.000	38.905	2.7	73	0.00
31		Naphthalene	40.000	38.804	3.0	72	0.00
32		Benzoic acid	40.000	42.159	-5.4	76	-0.01
33		4-Chloroaniline	40.000	37.773	5.6	69	0.00
34	C	Hexachlorobutadiene	40.000	39.306	1.7	73	0.00
35		Caprolactam	40.000	37.989	5.0	73	0.00
36	C	4-Chloro-3-methylphenol	40.000	37.747	5.6	70	0.00
37		2-Methylnaphthalene	40.000	38.085	4.8	71	0.00
38		1-Methylnaphthalene	40.000	37.956	5.1	72	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	71	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.024	2.4	71	0.00
41	P	Hexachlorocyclopentadiene	40.000	41.428	-3.6	70	0.00
42	S	2,4,6-Tribromophenol	80.000	79.992	0.0	72	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.388	1.5	69	0.00
44		2,4,5-Trichlorophenol	40.000	38.552	3.6	70	0.00
45	S	2-Fluorobiphenyl	80.000	76.967	3.8	71	0.00
46		1,1'-Biphenyl	40.000	38.980	2.6	72	0.00
47		2-Chloronaphthalene	40.000	38.544	3.6	71	0.00

Evaluate Continuing Calibration Report

Sample Results: **BF141931.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141931.D
Acq On : 12 Mar 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 12 11:51:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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	38.794	3.0	70	0.00
49	Acenaphthylene	40.000	39.032	2.4	71	0.00
50	Dimethylphthalate	40.000	37.821	5.4	70	0.00
51	2,6-Dinitrotoluene	40.000	39.753	0.6	72	0.00
52 C	Acenaphthene	40.000	39.158	2.1	71	0.00
53	3-Nitroaniline	40.000	39.704	0.7	71	0.00
54 P	2,4-Dinitrophenol	40.000	41.352	-3.4	78	0.00
55	Dibenzofuran	40.000	38.243	4.4	71	0.00
56 P	4-Nitrophenol	40.000	43.934	-9.8	75	0.00
57	2,4-Dinitrotoluene	40.000	40.804	-2.0	73	0.00
58	Fluorene	40.000	38.168	4.6	71	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.335	1.7	71	0.00
60	Diethylphthalate	40.000	38.257	4.4	71	0.00
61	4-Chlorophenyl-phenylether	40.000	38.596	3.5	72	0.00
62	4-Nitroaniline	40.000	41.535	-3.8	73	0.00
63	Azobenzene	40.000	37.774	5.6	69	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	72	0.00
65	4,6-Dinitro-2-methylphenol	40.000	42.823	-7.1	76	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.666	5.8	71	0.00
67	4-Bromophenyl-phenylether	40.000	38.079	4.8	71	0.00
68	Hexachlorobenzene	40.000	38.493	3.8	71	0.00
69	Atrazine	40.000	32.793	18.0	72	0.00
70 C	Pentachlorophenol	40.000	43.176	-7.9	75	0.00
71	Phenanthrene	40.000	38.538	3.7	72	0.00
72	Anthracene	40.000	38.516	3.7	72	0.00
73	Carbazole	40.000	40.120	-0.3	74	0.00
74	Di-n-butylphthalate	40.000	37.980	5.1	72	0.00
75 C	Fluoranthene	40.000	40.179	-0.4	75	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	85	0.00
77	Benzidine	40.000	63.210	-58.0#	104	0.00
78	Pyrene	40.000	33.701	15.7	76	0.00
79 S	Terphenyl-d14	80.000	67.799	15.3	76	0.00
80	Butylbenzylphthalate	40.000	34.960	12.6	76	0.00
81	Benzo(a)anthracene	40.000	37.086	7.3	81	0.00
82	3,3'-Dichlorobenzidine	40.000	42.005	-5.0	91	0.00
83	Chrysene	40.000	38.943	2.6	86	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	34.362	14.1	75	0.00
85 c	Di-n-octyl phthalate	40.000	38.193	4.5	83	0.00
86 I	Perylene-d12	20.000	20.000	0.0	90	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	38.688	3.3	88	0.00
88	Benzo(b)fluoranthene	40.000	35.023	12.4	89	0.00
89	Benzo(k)fluoranthene	40.000	40.059	-0.1	88	0.00
90 C	Benzo(a)pyrene	40.000	38.201	4.5	89	0.00
91	Dibenzo(a,h)anthracene	40.000	38.541	3.6	87	0.00
92	Benzo(g,h,i)perylene	40.000	39.809	0.5	89	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141931.D
Acq On    : 12 Mar 2025  10:08
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 12 11:51:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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
```

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

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: ENTA05

Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523 SDG No.: Q1523

Instrument ID: BNA_G Calibration Date/Time: 03/11/2025 09:44

Lab File ID: BG064088.D Init. Calib. Date(s): 03/05/2025 03/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:02 13:44

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

COMPOUND	$\overline{RRF}$	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.412	1.414		0.1	
2-Fluorophenol	1.281	1.365		6.6	
Phenol-d6	1.742	1.862		6.9	
1,4-Dichlorobenzene	1.548	1.556		0.5	20.0
2-Methylphenol	1.184	1.257		6.2	
3+4-Methylphenols	1.630	1.689		3.6	
Nitrobenzene-d5	0.362	0.415		14.6	
Hexachloroethane	0.542	0.597		10.1	
Nitrobenzene	0.374	0.408		9.1	
Hexachlorobutadiene	0.217	0.225		3.7	20.0
2,4,6-Trichlorophenol	0.337	0.376		11.6	20.0
2-Fluorobiphenyl	1.318	1.366		3.6	
2,4,5-Trichlorophenol	0.374	0.426		13.9	
2,4-Dinitrotoluene	0.357	0.430		20.4	
2,4,6-Tribromophenol	0.222	0.252		13.5	
Hexachlorobenzene	0.229	0.240		4.8	
Pentachlorophenol	0.142	0.163		14.8	20.0
Terphenyl-d14	0.989	1.010		2.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064088.D
Acq On : 11 Mar 2025 9:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 11 10:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.866	152	35748	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	157879	20.000	ng		0.00
39) Acenaphthene-d10	14.488	164	108450	20.000	ng		0.00
64) Phenanthrene-d10	17.226	188	231599	20.000	ng		0.00
76) Chrysene-d12	21.462	240	235698	20.000	ng		0.00
86) Perylene-d12	24.476	264	254547	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	195131	85.232	ng		0.00
7) Phenol-d6	7.026	99	266279	85.497	ng		0.00
23) Nitrobenzene-d5	9.018	82	261773	91.628	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	109435	90.780	ng		0.00
45) 2-Fluorobiphenyl	13.113	172	592708	82.956	ng		0.00
79) Terphenyl-d14	19.846	244	952336	81.699	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.383	88	37941	36.567	ng		98
3) Pyridine	3.771	79	101109m	40.069	ng		
4) n-Nitrosodimethylamine	3.683	42	73862	40.969	ng	#	99
6) Aniline	7.190	93	124073	40.598	ng		97
8) 2-Chlorophenol	7.431	128	106642	43.370	ng		98
9) Benzaldehyde	7.002	77	63412	35.008	ng		96
10) Phenol	7.055	94	133929	42.000	ng		96
11) bis(2-Chloroethyl)ether	7.290	93	100490	40.197	ng		98
12) 1,3-Dichlorobenzene	7.754	146	109762	40.650	ng		97
13) 1,4-Dichlorobenzene	7.901	146	111281	40.208	ng		95
14) 1,2-Dichlorobenzene	8.213	146	109093	40.878	ng		99
15) Benzyl Alcohol	8.095	79	107040	44.475	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.389	45	221982	39.490	ng		99
17) 2-Methylphenol	8.301	107	89885	42.472	ng		96
18) Hexachloroethane	8.941	117	42648	44.043	ng		97
19) n-Nitroso-di-n-propyla...	8.665	70	91737	41.970	ng		95
20) 3+4-Methylphenols	8.630	107	120740	41.441	ng		92
22) Acetophenone	8.677	105	174799	40.381	ng	#	99
24) Nitrobenzene	9.059	77	128880	43.651	ng		94
25) Isophorone	9.582	82	228795	40.011	ng	#	94
26) 2-Nitrophenol	9.764	139	49705	48.562	ng		99
27) 2,4-Dimethylphenol	9.823	122	73314	42.768	ng		98
28) bis(2-Chloroethoxy)met...	10.063	93	140203	40.441	ng		98
29) 2,4-Dichlorophenol	10.298	162	98502	45.506	ng		98
30) 1,2,4-Trichlorobenzene	10.516	180	106429	40.730	ng		97
31) Naphthalene	10.704	128	349766	41.085	ng		98
32) Benzoic acid	9.969	122	69418	44.805	ng	#	88
33) 4-Chloroaniline	10.804	127	129722	41.691	ng		98
34) Hexachlorobutadiene	10.992	225	70927	41.411	ng		95
35) Caprolactam	11.573	113	34362	41.425	ng		96
36) 4-Chloro-3-methylphenol	11.926	107	121491	42.818	ng		98
37) 2-Methylnaphthalene	12.308	142	249215	41.466	ng		99
38) 1-Methylnaphthalene	12.525	142	243654	41.381	ng		95
40) 1,2,4,5-Tetrachloroben...	12.678	216	127243	41.097	ng		98
41) Hexachlorocyclopentadiene	12.660	237	48950	56.172	ng		92
43) 2,4,6-Trichlorophenol	12.913	196	81649	44.744	ng		96

Sample Results: **BG064088.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064088.D
Acq On : 11 Mar 2025 9:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 11 10:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	92347	45.545	ng		96
46) 1,1'-Biphenyl	13.318	154	340892	41.605	ng		98
47) 2-Chloronaphthalene	13.360	162	242387	40.562	ng		97
48) 2-Nitroaniline	13.559	65	84939	43.674	ng		97
49) Acenaphthylene	14.206	152	388400	41.092	ng		99
50) Dimethylphthalate	13.947	163	319000	39.848	ng		99
51) 2,6-Dinitrotoluene	14.059	165	69706	43.275	ng		96
52) Acenaphthene	14.552	154	256603	40.452	ng		99
53) 3-Nitroaniline	14.382	138	68013	43.958	ng		98
54) 2,4-Dinitrophenol	14.588	184	30294	48.212	ng	#	79
55) Dibenzofuran	14.887	168	415633	40.446	ng		99
56) 4-Nitrophenol	14.693	139	58538	45.112	ng		91
57) 2,4-Dinitrotoluene	14.846	165	93339	42.134	ng	#	100
58) Fluorene	15.534	166	319594	39.931	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	84485	42.741	ng	#	92
60) Diethylphthalate	15.316	149	344373	39.625	ng		99
61) 4-Chlorophenyl-phenyle...	15.534	204	157411	39.577	ng		92
62) 4-Nitroaniline	15.551	138	71458	42.778	ng		94
63) Azobenzene	15.821	77	359348	38.749	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	50606	50.140	ng		95
66) n-Nitrosodiphenylamine	15.745	169	281422	42.928	ng		99
67) 4-Bromophenyl-phenylether	16.421	248	104902	44.225	ng		96
68) Hexachlorobenzene	16.538	284	111247	41.892	ng		94
69) Atrazine	16.691	200	67925	35.215	ng		97
70) Pentachlorophenol	16.873	266	75630	45.869	ng		96
71) Phenanthrene	17.267	178	516063	41.776	ng		99
72) Anthracene	17.361	178	512021	41.684	ng		98
73) Carbazole	17.625	167	471338	41.099	ng		99
74) Di-n-butylphthalate	18.201	149	594241	44.019	ng		100
75) Fluoranthene	19.282	202	600130	40.298	ng		96
77) Benzidine	19.464	184	142644	43.706	ng		99
78) Pyrene	19.640	202	626162	41.212	ng		98
80) Butylbenzylphthalate	20.539	149	257480	45.377	ng		98
81) Benzo(a)anthracene	21.438	228	625706	41.443	ng		99
82) 3,3'-Dichlorobenzidine	21.362	252	211593	43.303	ng		99
83) Chrysene	21.503	228	609019	40.444	ng		99
84) Bis(2-ethylhexyl)phtha...	21.374	149	392178	48.030	ng		97
85) Di-n-octyl phthalate	22.519	149	667371	47.385	ng		100
87) Indeno(1,2,3-cd)pyrene	27.872	276	713846	41.914	ng	#	95
88) Benzo(b)fluoranthene	23.524	252	626576	40.718	ng		97
89) Benzo(k)fluoranthene	23.589	252	638186	41.340	ng		99
90) Benzo(a)pyrene	24.335	252	563063	41.085	ng		98
91) Dibenzo(a,h)anthracene	27.931	278	593693	42.048	ng		99
92) Benzo(g,h,i)perylene	28.930	276	597623	41.225	ng		97

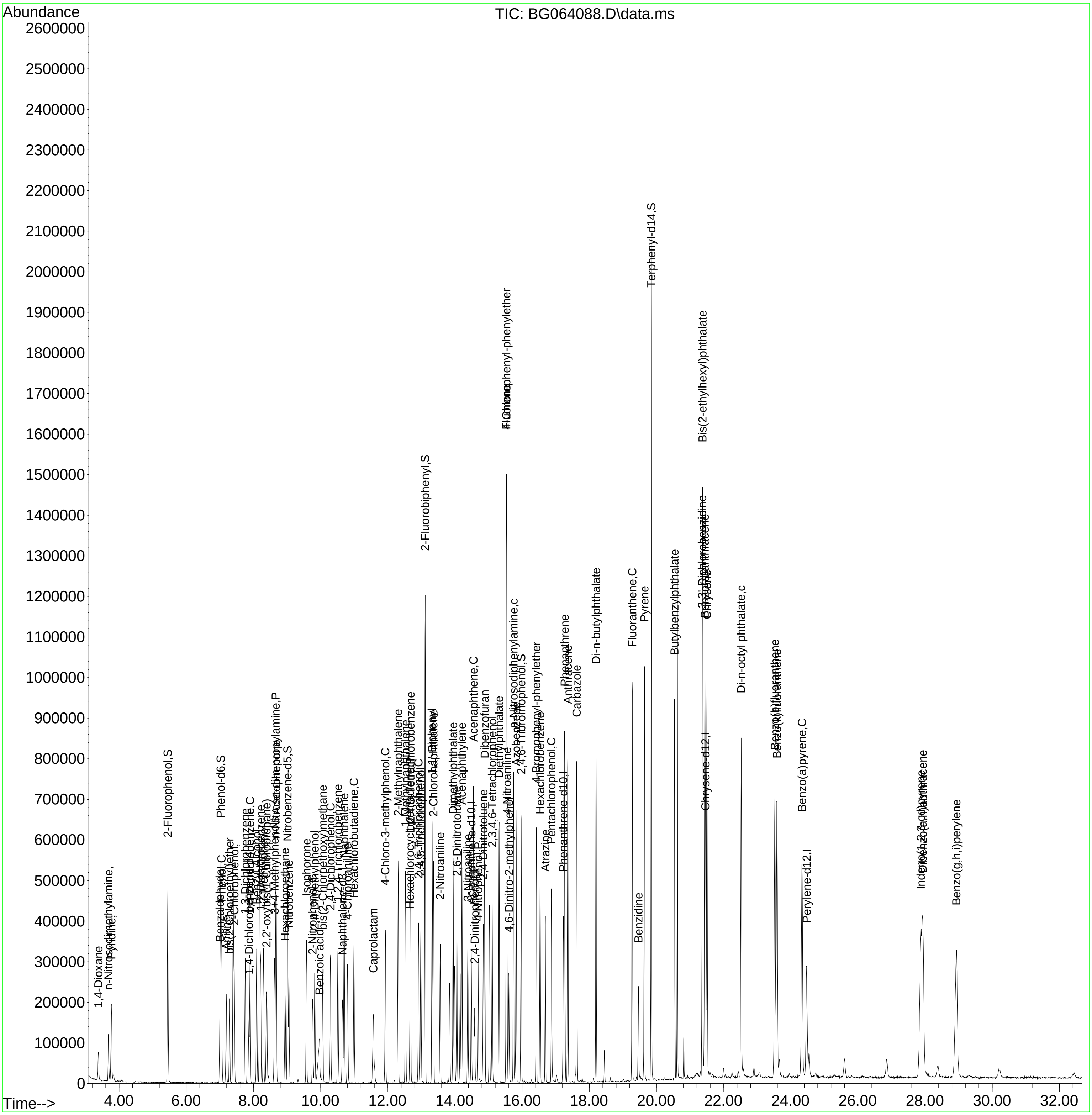
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: BG064088.D

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064088.D
Acq On    : 11 Mar 2025   9:44
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 11 10:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration
```

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/12/2025
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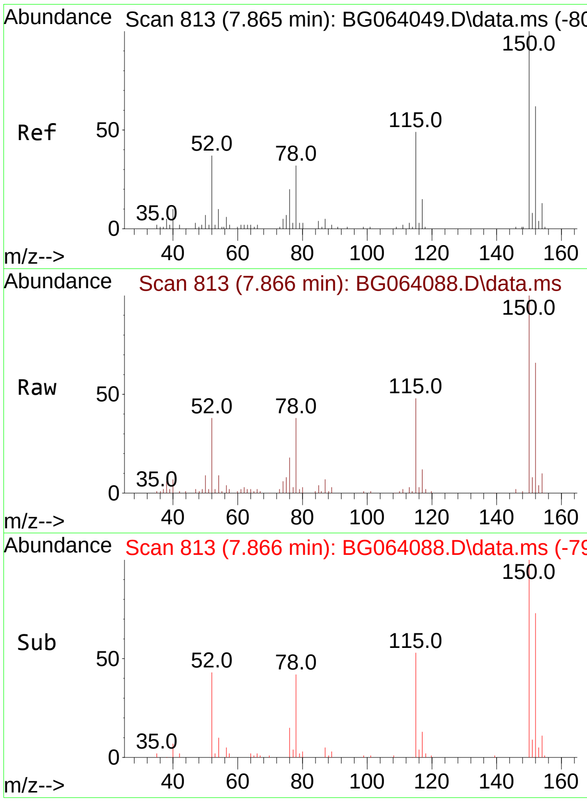
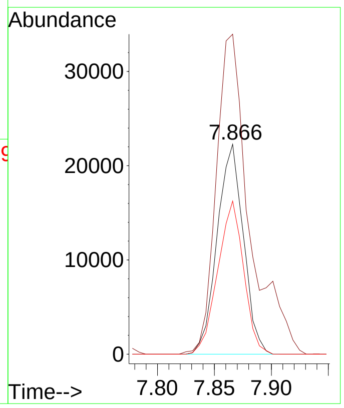
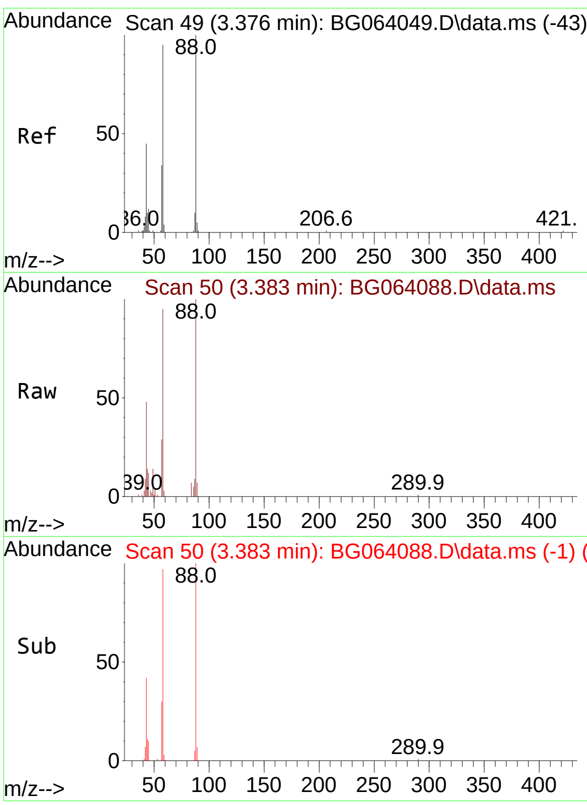


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.866 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:152 Resp: 3574

Ion	Ratio	Lower	Upper
152	100		
150	152.4	129.2	193.8
115	73.0	63.0	94.6

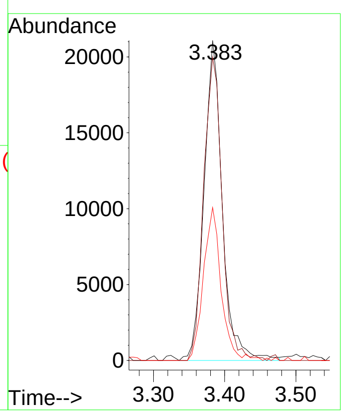




#2
1,4-Dioxane
Concen: 36.567 ng
RT: 3.383 min Scan# 50
Delta R.T. 0.007 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 88 Resp: 37941

Ion	Ratio	Lower	Upper
88	100		
58	95.0	74.6	111.8
43	45.1	35.5	53.3



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
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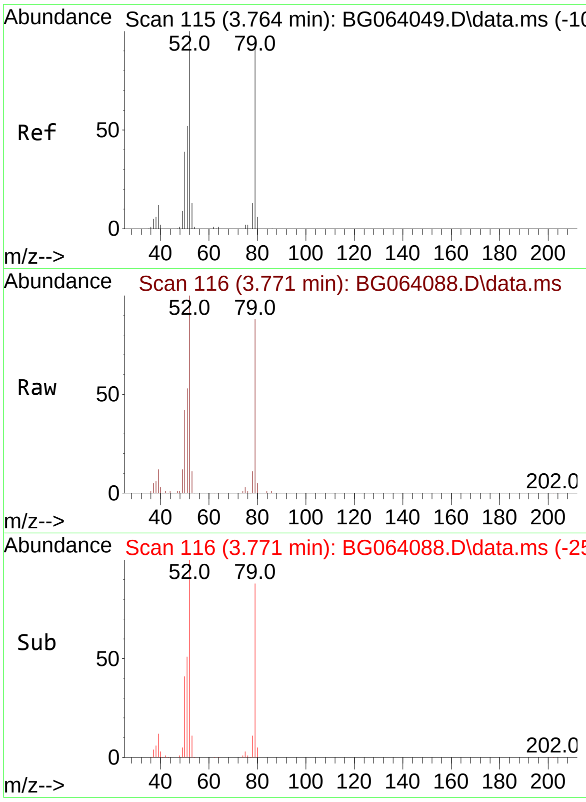
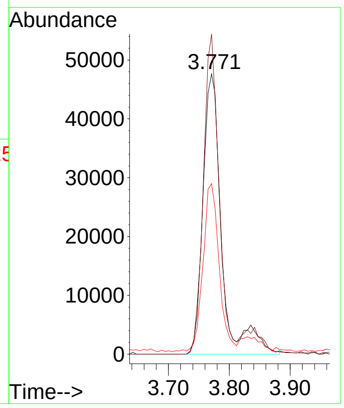
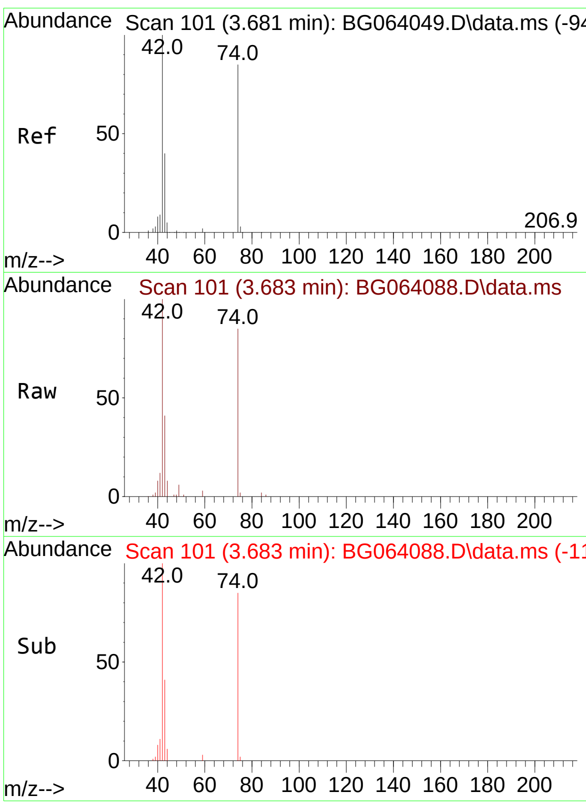


#3
Pyridine
Concen: 40.069 ng m
RT: 3.771 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 79 Resp: 10110

Ion	Ratio	Lower	Upper
79	100		
52	114.1	83.0	124.6
51	60.9	44.3	66.5

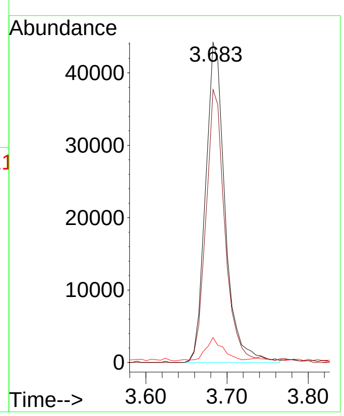




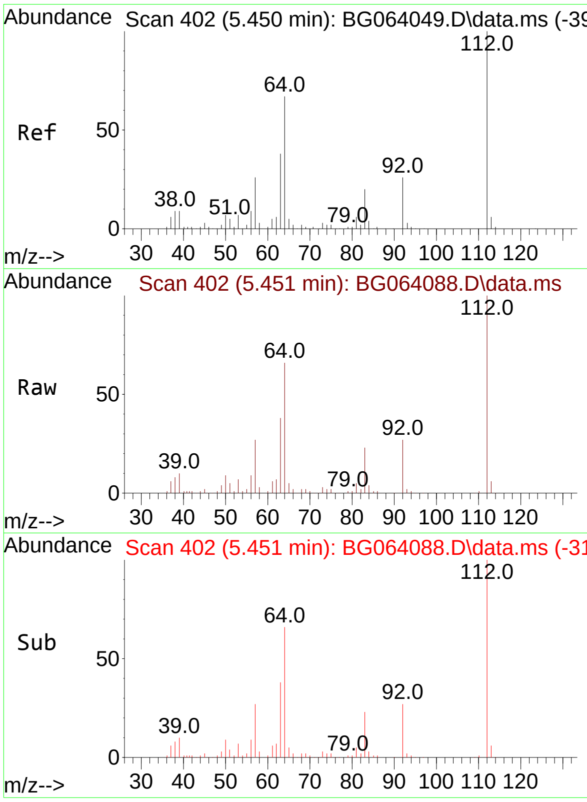
#4
n-Nitrosodimethylamine
Concen: 40.969 ng
RT: 3.683 min Scan# 101
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 42 Resp: 73862

Ion	Ratio	Lower	Upper
42	100		
74	85.3	68.0	102.0
44	7.8	4.9	7.3#



Sample Results: **BG064088.D**



#5
2-Fluorophenol
Concen: 85.232 ng
RT: 5.451 min Scan# 4
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

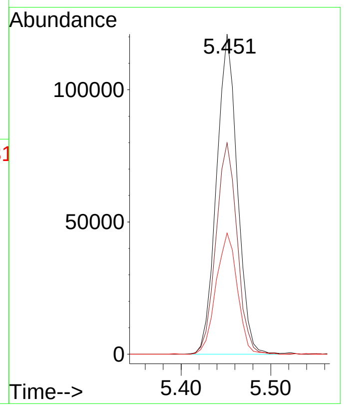
Tgt Ion:112 Resp: 195131

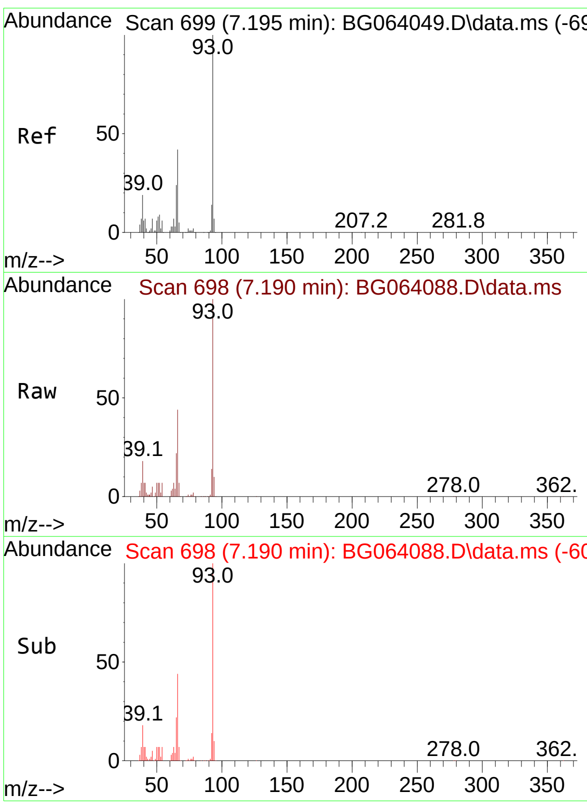
Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.7	80.5
63	37.8	30.2	45.4

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

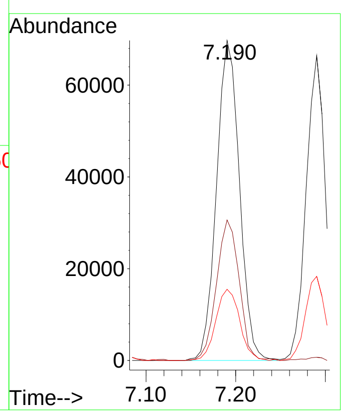


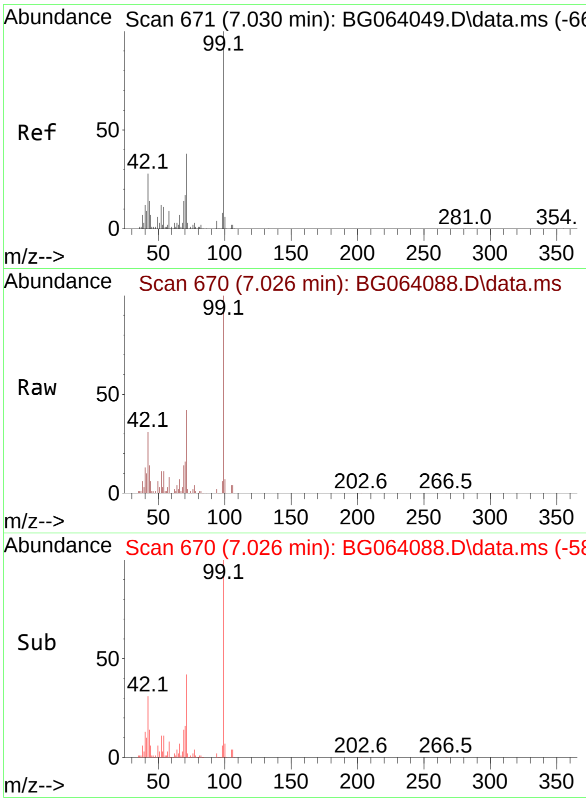


#6
Aniline
Concen: 40.598 ng
RT: 7.190 min Scan# 698
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 93 Resp: 124073

Ion	Ratio	Lower	Upper
93	100		
66	43.9	33.7	50.5
65	22.2	19.1	28.7





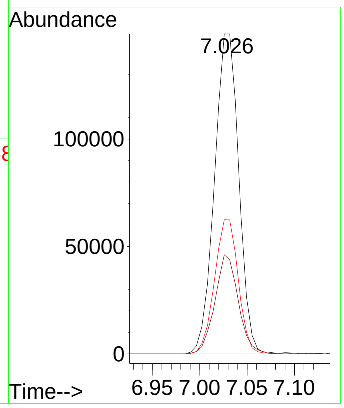
#7
Phenol-d6
Concen: 85.497 ng
RT: 7.026 min   Scan# 6
Delta R.T.   -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025   9:44

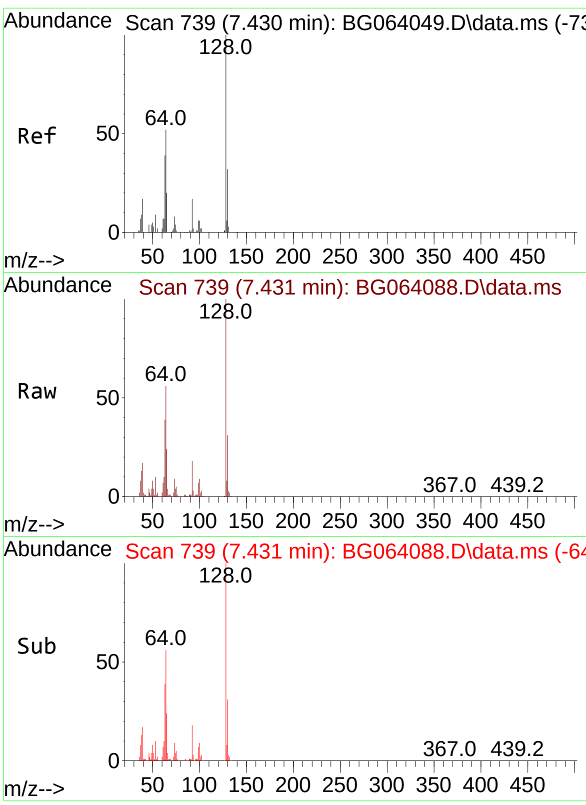
Tgt Ion: 99 Resp: 26627

Ion	Ratio	Lower	Upper
99	100		
42	31.0	22.7	34.1
71	41.9	30.6	46.0

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
Reviewed By :Anahy Claudio   03/12/2025
Supervised By :Jagrut Upadhyay   03/12/2025

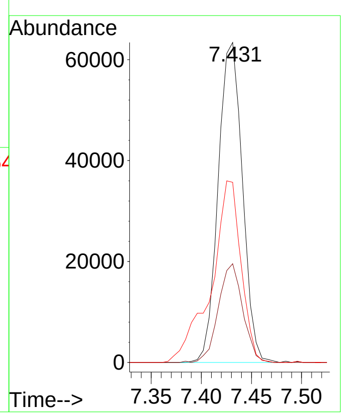


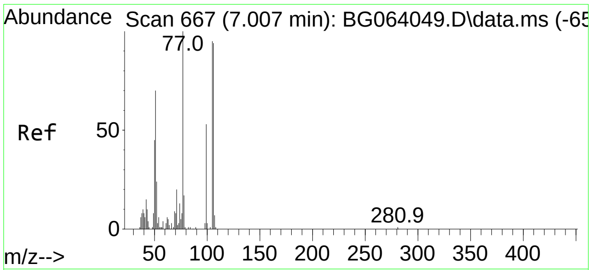


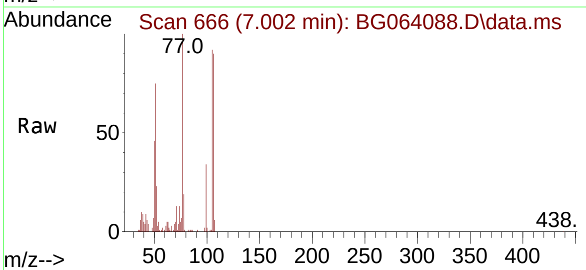
#8
2-Chlorophenol
Concen: 43.370 ng
RT: 7.431 min   Scan# 739
Delta R.T.   0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025   9:44

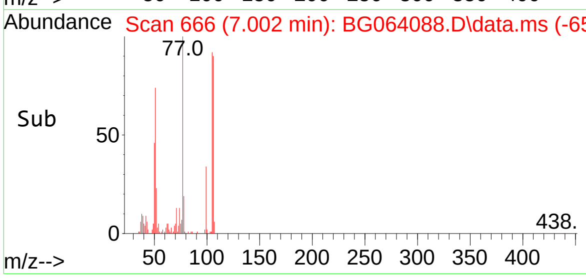
Tgt Ion:128 Resp: 106642

Ion	Ratio	Lower	Upper
128	100		
130	30.9	12.3	52.3
64	56.3	37.0	77.0









#9
Benzaldehyde
Concen: 35.008 ng
RT: 7.002 min Scan# 66
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

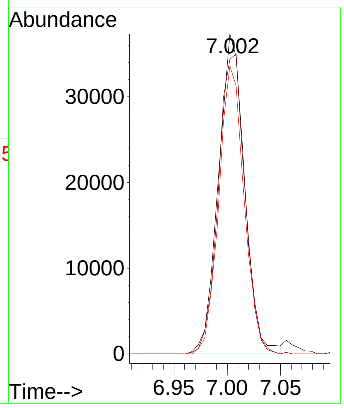
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

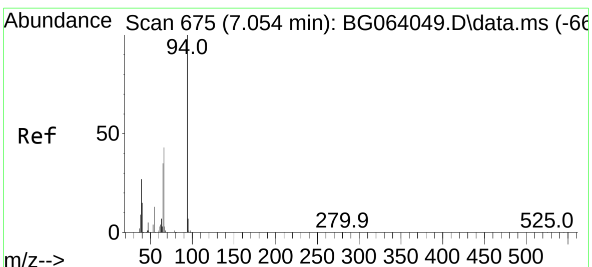
Manual Integrations
APPROVED

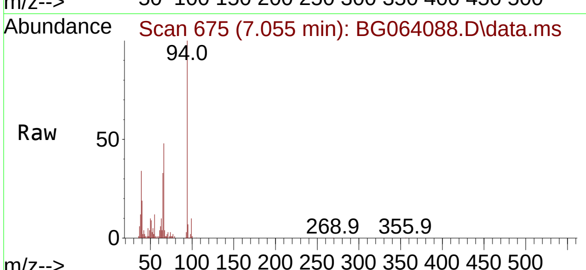
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

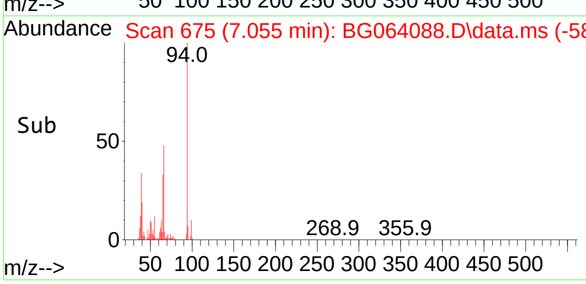
Tgt Ion: 77 Resp: 63412

Ion	Ratio	Lower	Upper
77	100		
105	92.1	75.5	115.5
106	90.0	74.2	114.2





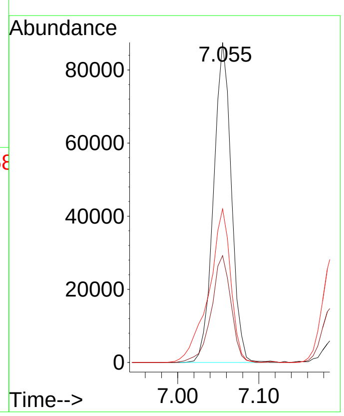




#10
Phenol
Concen: 42.000 ng
RT: 7.055 min Scan# 675
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

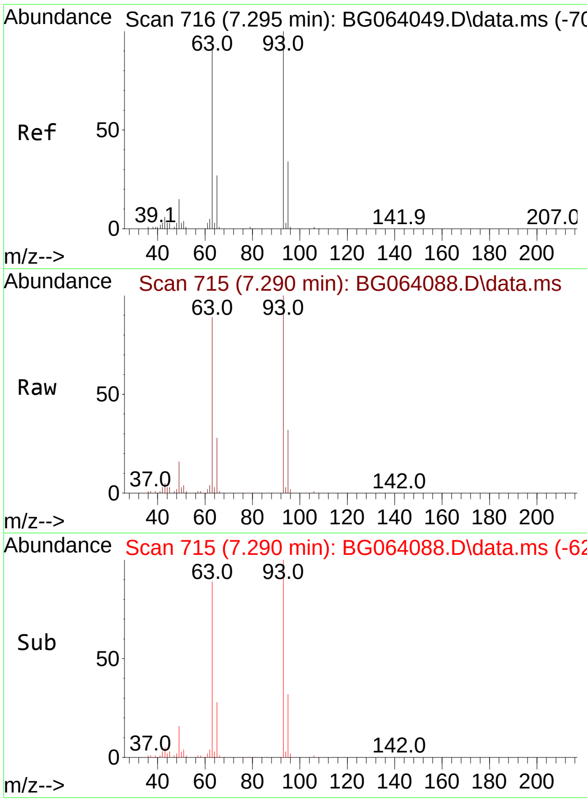
Tgt Ion: 94 Resp: 133929

Ion	Ratio	Lower	Upper
94	100		
65	33.4	15.2	55.2
66	48.0	25.1	65.1

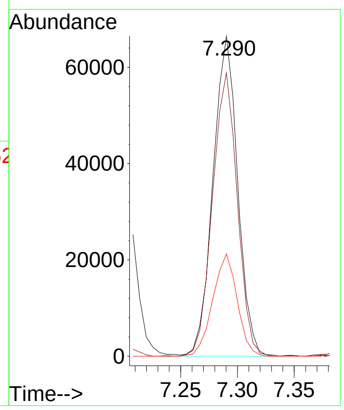


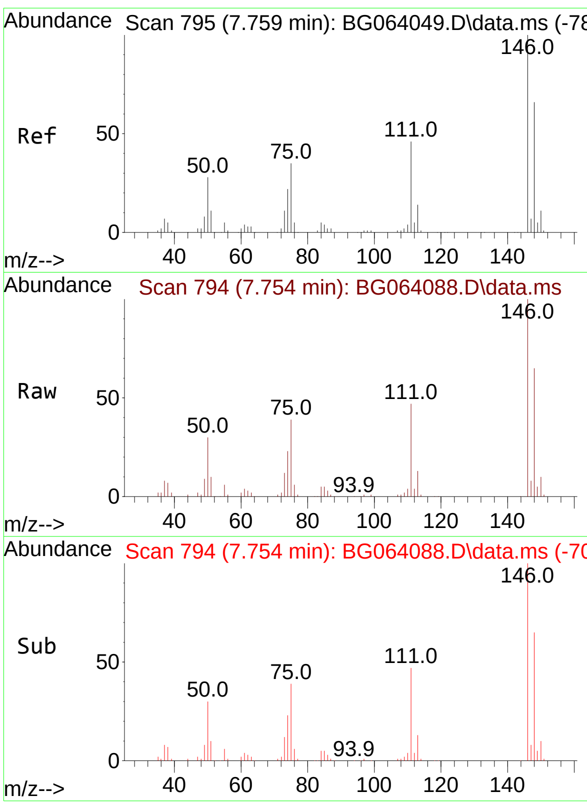
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

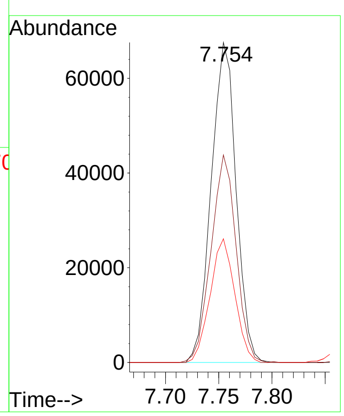


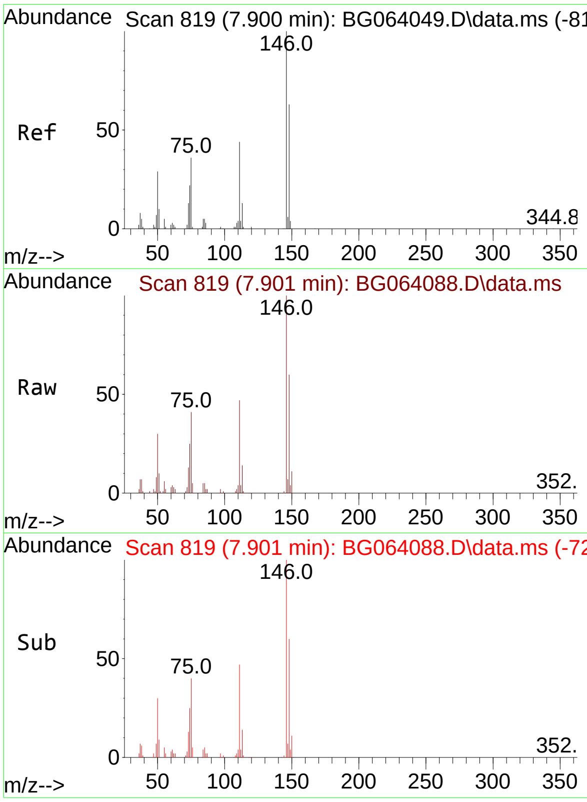

```
#11
bis(2-Chloroethyl)ether
Concen:   40.197 ng
RT:    7.290 min   Scan# 71
Delta R.T.   -0.005 min
Lab File:    BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion: 93 Resp:  10049
Ion  Ratio  Lower  Upper
 93   100
 63   88.6   70.0  110.0
 95   31.9   13.7   53.7
```






```
#12
1,3-Dichlorobenzene
Concen:   40.650 ng
RT:    7.754 min   Scan# 794
Delta R.T.   -0.005 min
Lab File:    BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:146 Resp:  109762
Ion  Ratio  Lower  Upper
146   100
148   64.9   52.6   78.8
 75   38.7   28.1   42.1
```

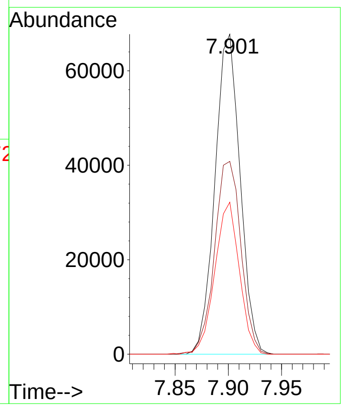




#13
1,4-Dichlorobenzene
Concen: 40.208 ng
RT: 7.901 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:146 Resp: 11128

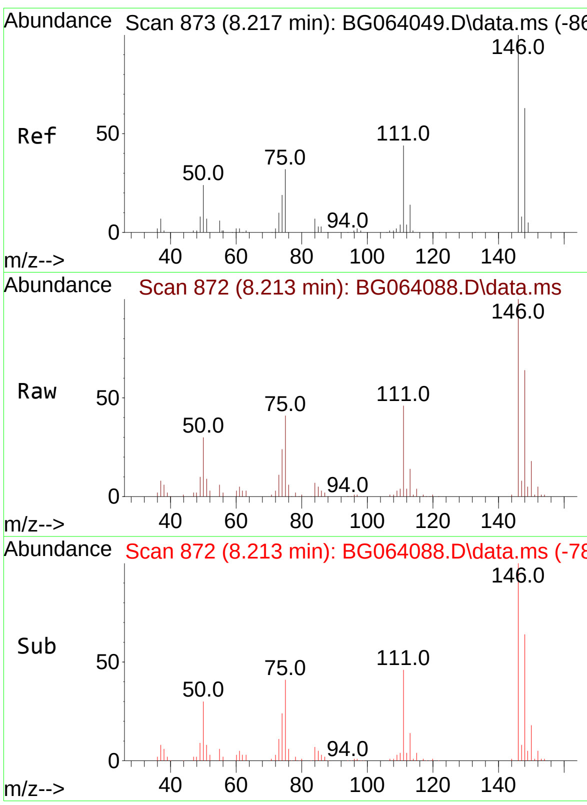
Ion	Ratio	Lower	Upper
146	100		
148	60.2	50.6	75.8
111	47.5	35.1	52.7



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

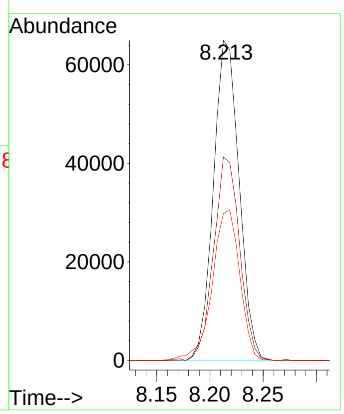
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#14
1,2-Dichlorobenzene
Concen: 40.878 ng
RT: 8.213 min Scan# 872
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

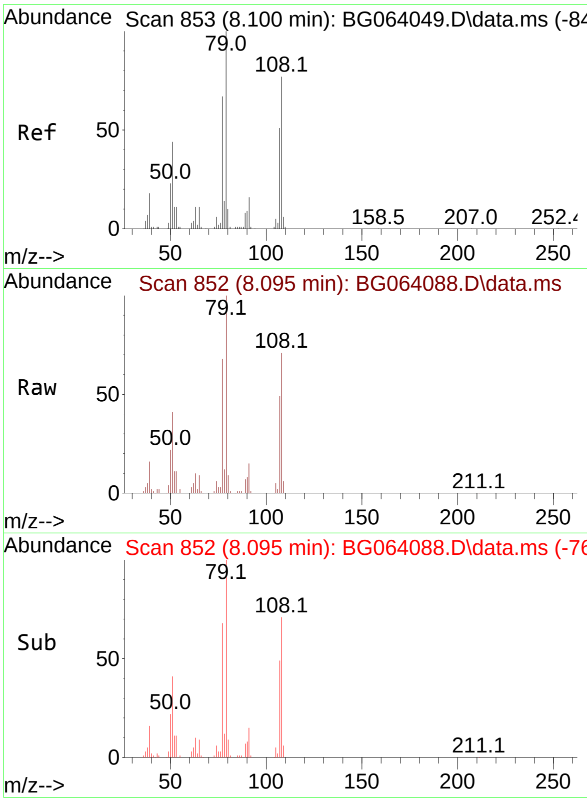
Tgt Ion:146 Resp: 109093

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.2	75.2
111	45.9	36.4	54.6

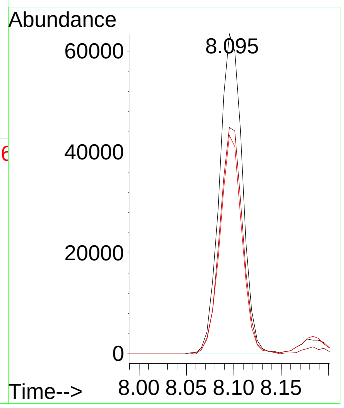


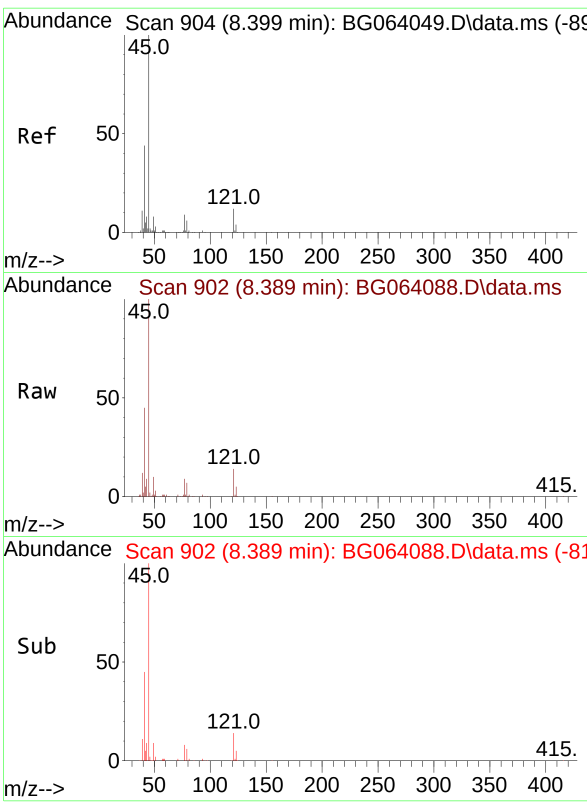
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

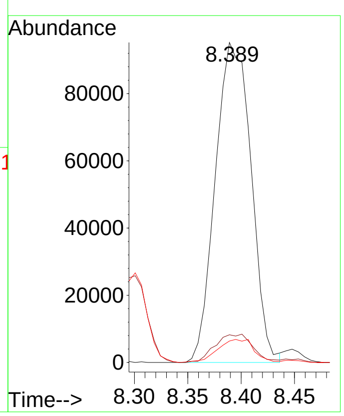



```
#15
Benzyl Alcohol
Concen:   44.475 ng
RT:   8.095 min  Scan# 8
Delta R.T.  -0.005 min
Lab File:   BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion: 79 Resp:  10704
Ion  Ratio  Lower  Upper
 79  100
108   70.7   61.7   92.5
 77   68.3   53.9   80.9
```






```
#16
2,2'-oxybis(1-Chloropropane)
Concen:   39.490 ng
RT:   8.389 min  Scan# 902
Delta R.T.  -0.010 min
Lab File:   BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion: 45 Resp:  221982
Ion  Ratio  Lower  Upper
 45  100
 77    8.7    0.0   29.0
 79    6.7    0.0   26.6
```



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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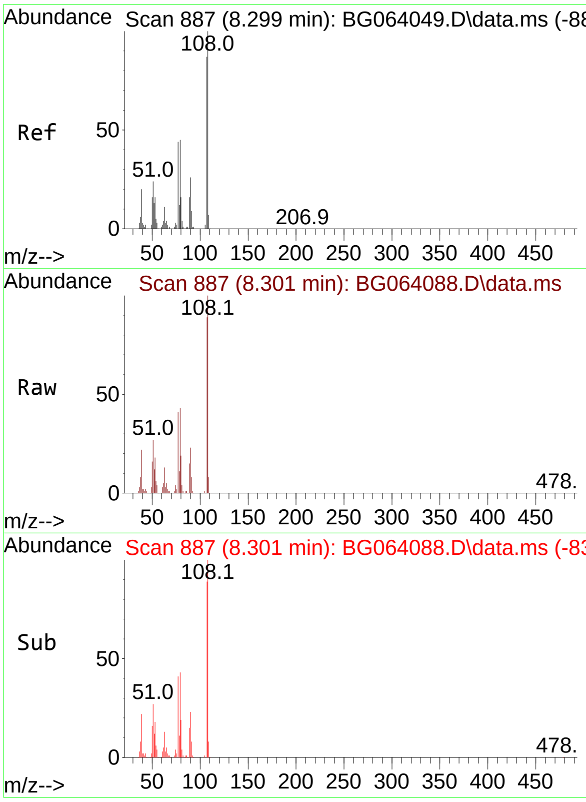
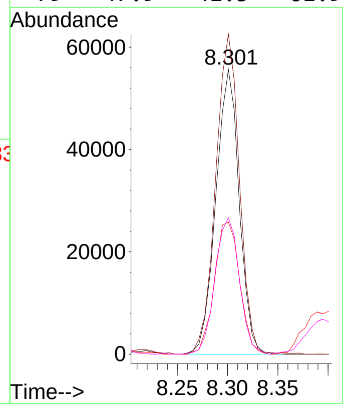
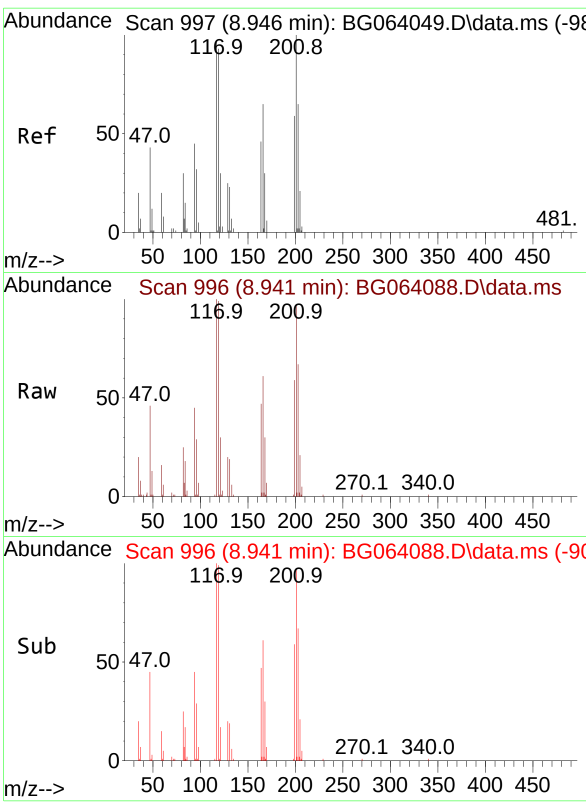
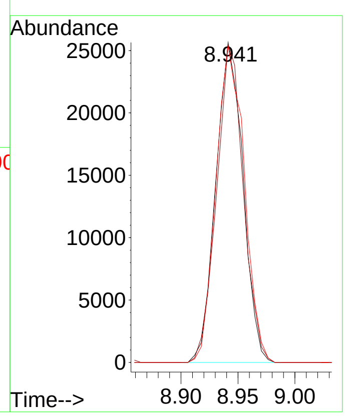



```
#17
2-Methylphenol
Concen:   42.472 ng
RT:    8.301 min   Scan# 88
Delta R.T.   0.001 min
Lab File:    BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:107 Resp:   8988
Ion   Ratio   Lower   Upper
107   100
108   112.5    92.5   138.7
 77    46.4    40.5    60.7
 79    47.9    41.3    61.9
```






```
#18
Hexachloroethane
Concen:   44.043 ng
RT:    8.941 min   Scan# 996
Delta R.T.   -0.005 min
Lab File:    BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:117 Resp:   42648
Ion   Ratio   Lower   Upper
117   100
119    99.4    76.2   114.2
201    99.2    81.5   122.3
```



Instrument :
BNA_G
ClientSampleId :
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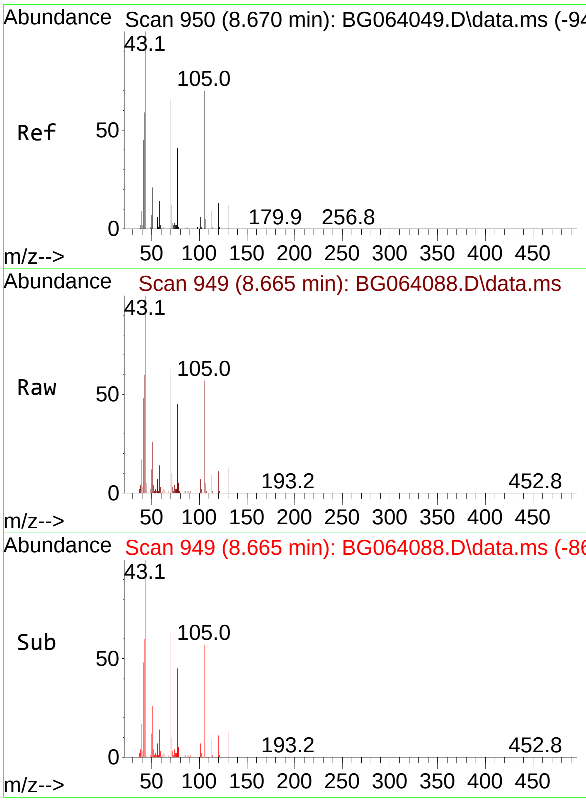
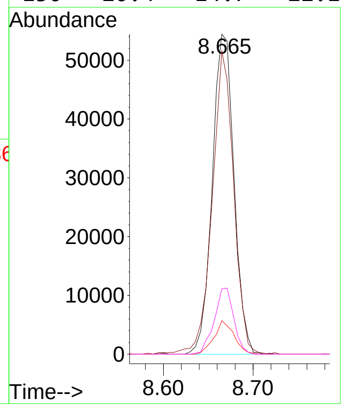
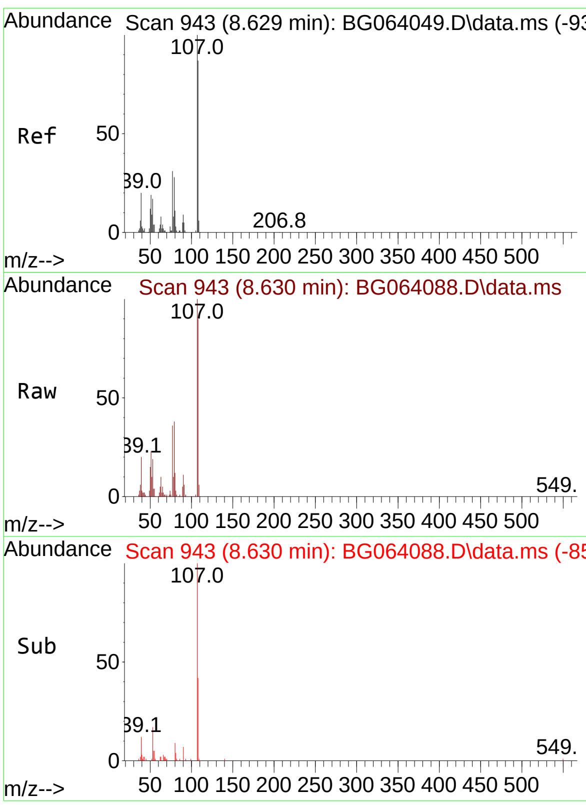


#19
n-Nitroso-di-n-propylamine
Concen: 41.970 ng
RT: 8.665 min Scan# 94
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 70 Resp: 9173

Ion	Ratio	Lower	Upper
70	100		
42	94.7	72.1	108.1
101	10.5	7.2	10.8
130	20.4	14.7	22.1

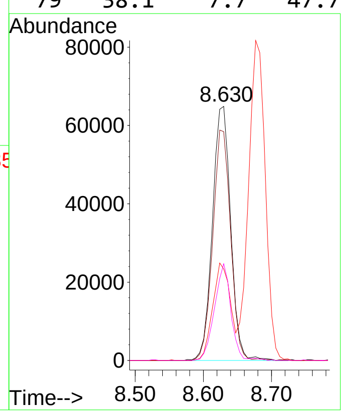




#20
3+4-Methylphenols
Concen: 41.441 ng
RT: 8.630 min Scan# 943
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:107 Resp: 120740

Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.0	107.0
77	36.0	11.2	51.2
79	38.1	7.7	47.7



Instrument :
BNA_G
ClientSampleId :
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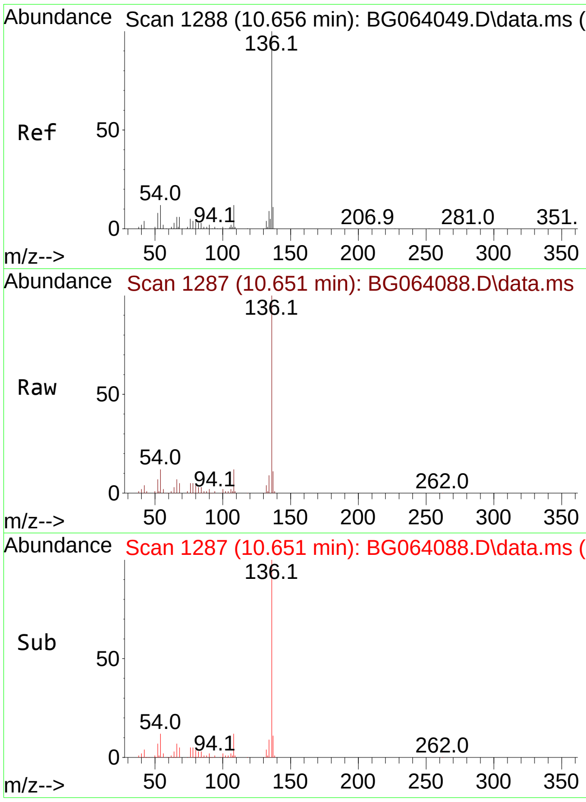
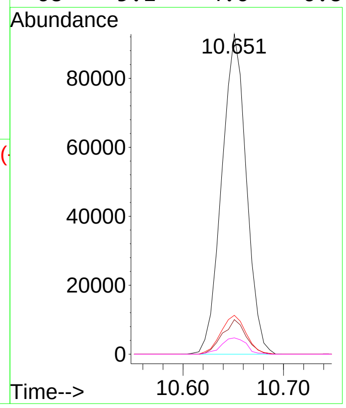
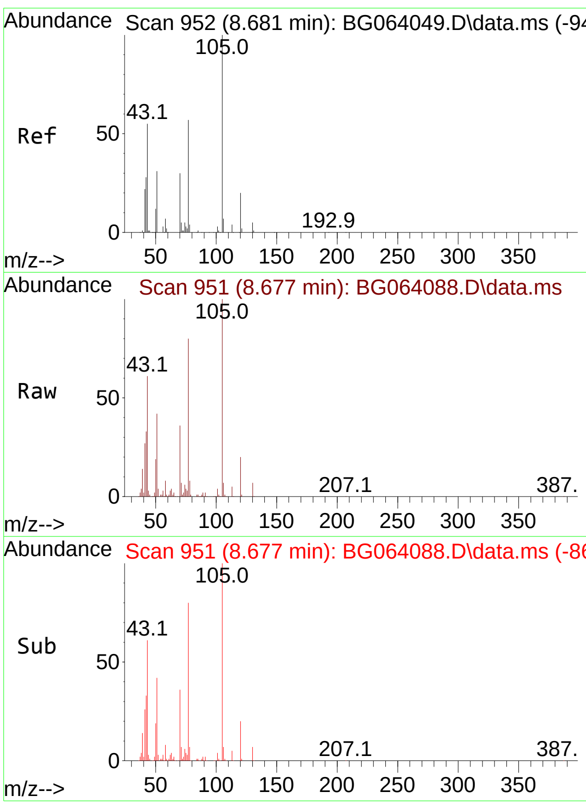
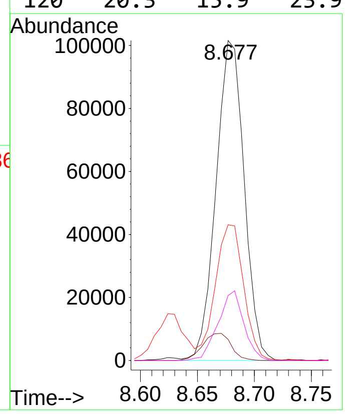


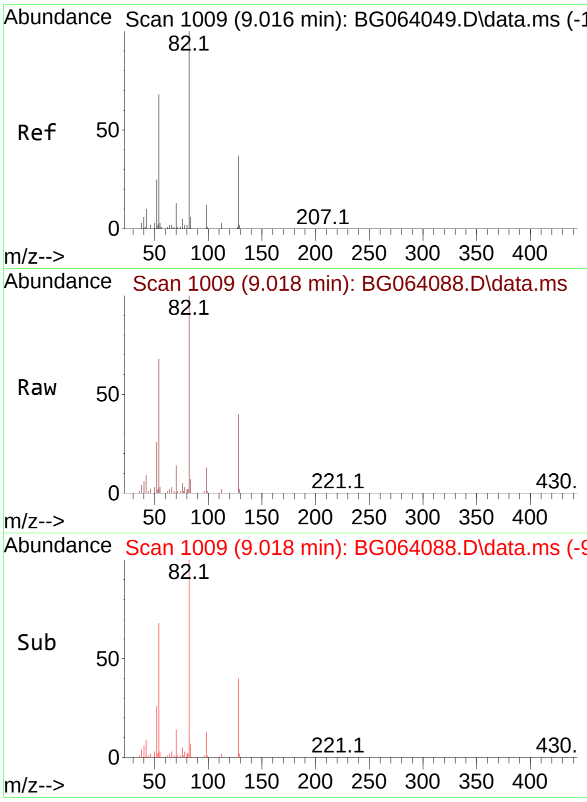

```
#21
Naphthalene-d8
Concen:   20.000 ng
RT:  10.651 min  Scan# 1
Delta R.T.   -0.005 min
Lab File:    BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:136 Resp:  157879
Ion  Ratio  Lower  Upper
136  100
137   10.8    8.5   12.7
 54   12.2    9.9   14.9
 68    5.1    4.6    6.8
```






```
#22
Acetophenone
Concen:   40.381 ng
RT:   8.677 min  Scan# 951
Delta R.T.   -0.005 min
Lab File:    BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:105 Resp:  174799
Ion  Ratio  Lower  Upper
105  100
 71    6.6    4.2    6.4#
 51   42.4   33.3   49.9
120   20.3   15.9   23.9
```






```
#23
Nitrobenzene-d5
Concen:   91.628 ng
RT:    9.018 min   Scan# 1(
Delta R.T.   0.001 min
Lab File:    BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion: 82 Resp:   26177(
Ion   Ratio   Lower   Upper
 82   100
128    40.5    30.0    45.0
 54    67.6    54.7    82.1
```

Instrument :
BNA_G
ClientSampleId :
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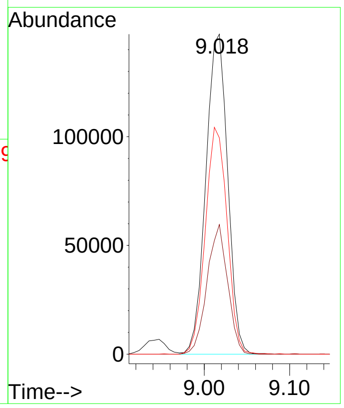
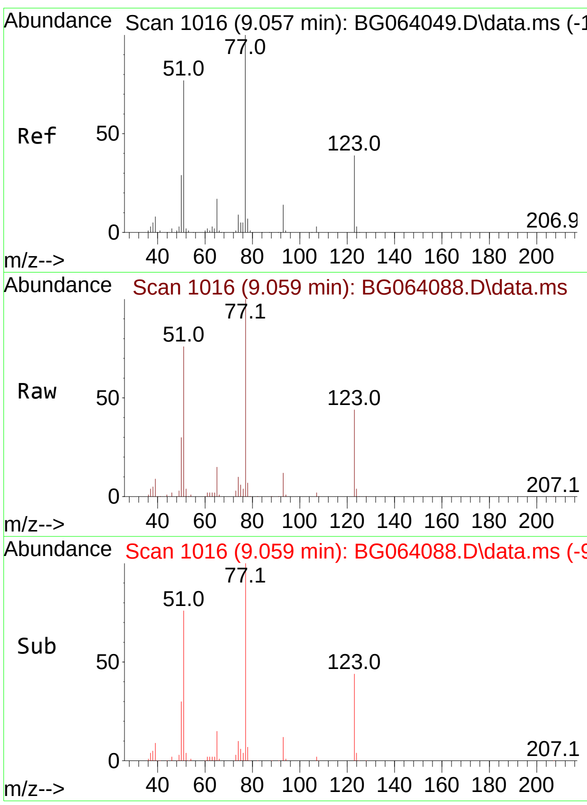
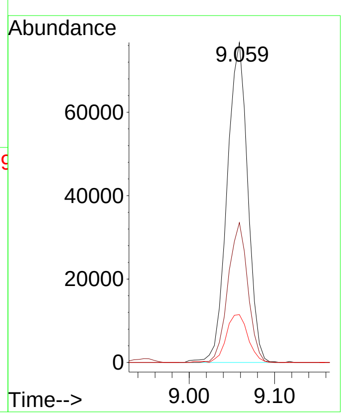





```
#24
Nitrobenzene
Concen:   43.651 ng
RT:    9.059 min   Scan# 1016
Delta R.T.   0.001 min
Lab File:    BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion: 77 Resp:   128880
Ion   Ratio   Lower   Upper
 77   100
123    43.7    31.4    47.2
 65    15.0    13.4    20.0
```



Sample Results: **BG064088.D**

Instrument :
BNA_G
ClientSampleId :
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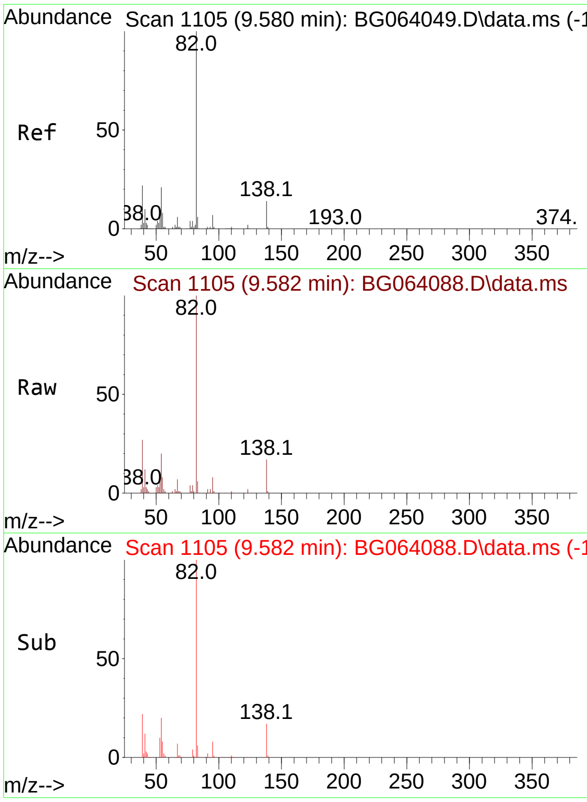
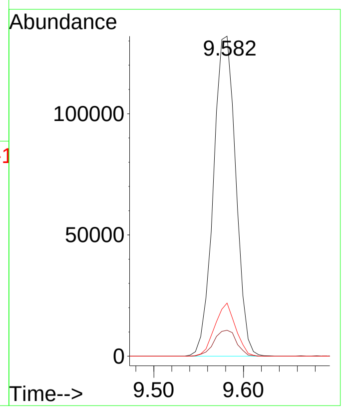
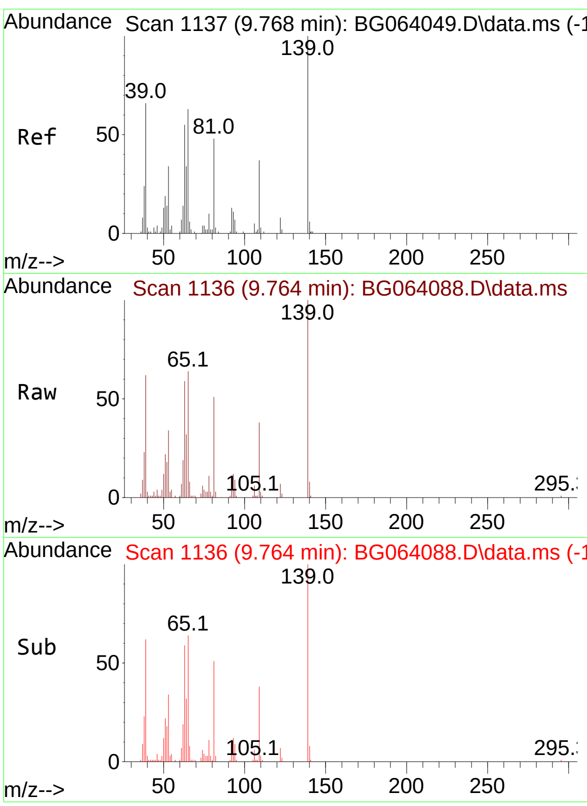


#25
Isophorone
Concen: 40.011 ng
RT: 9.582 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 82 Resp: 22879

Ion	Ratio	Lower	Upper
82	100		
95	8.1	5.8	8.8
138	16.6	10.9	16.3

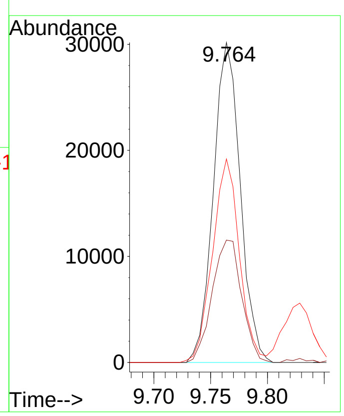


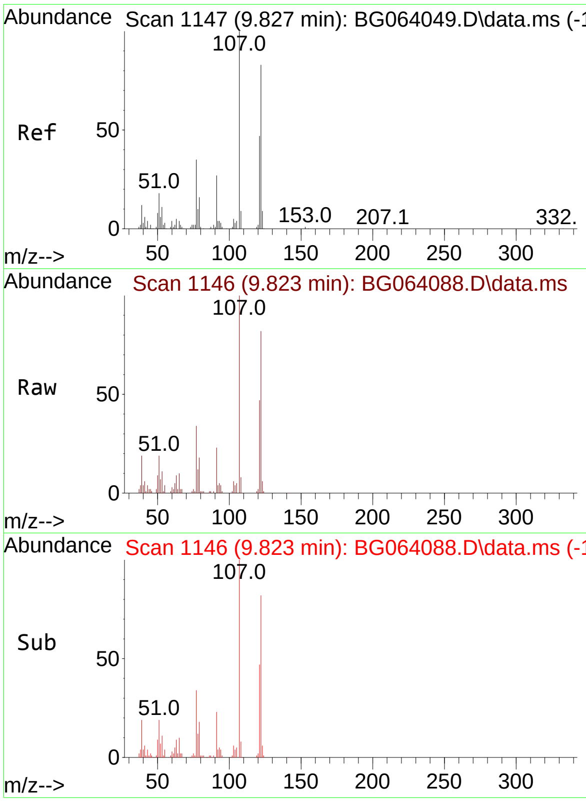


#26
2-Nitrophenol
Concen: 48.562 ng
RT: 9.764 min Scan# 1136
Delta R.T. -0.004 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:139 Resp: 49705

Ion	Ratio	Lower	Upper
139	100		
109	38.3	29.9	44.9
65	63.6	50.6	76.0





#27
2,4-Dimethylphenol
Concen: 42.768 ng
RT: 9.823 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:122 Resp: 7331

Ion	Ratio	Lower	Upper
122	100		
107	122.0	95.4	143.0
121	56.8	44.9	67.3

Instrument :
BNA_G
ClientSampleId :
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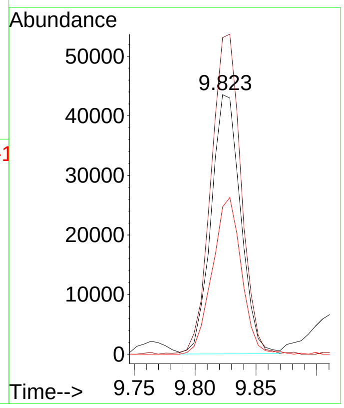
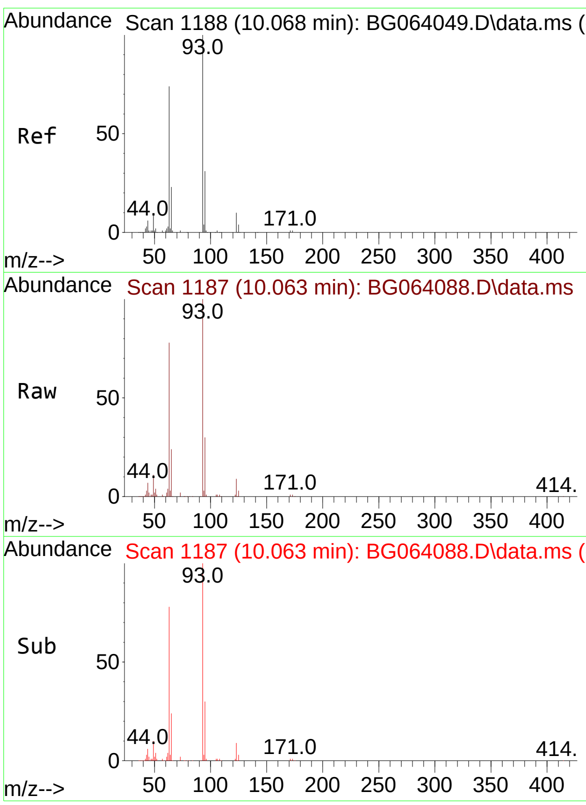
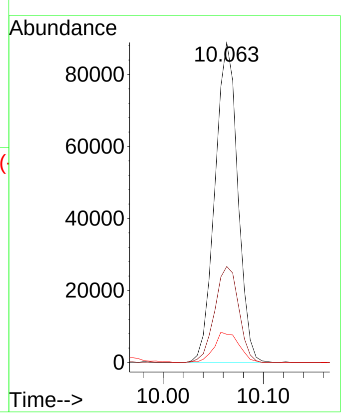


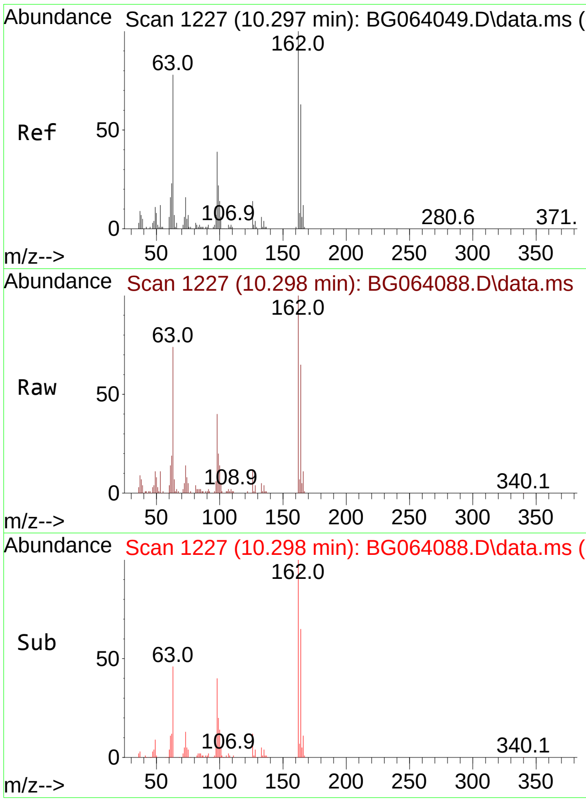


#28
bis(2-Chloroethoxy)methane
Concen: 40.441 ng
RT: 10.063 min Scan# 1187
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 93 Resp: 140203

Ion	Ratio	Lower	Upper
93	100		
95	30.0	25.0	37.4
123	8.8	7.6	11.4

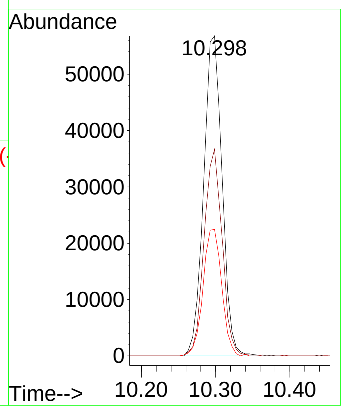




#29
2,4-Dichlorophenol
Concen: 45.506 ng
RT: 10.298 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:162 Resp: 9850

Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.8	82.8
98	39.5	19.1	59.1



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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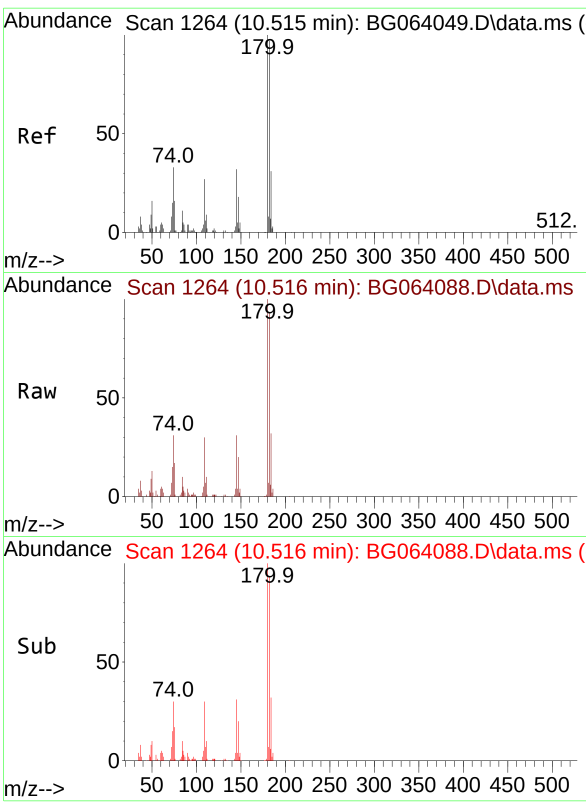
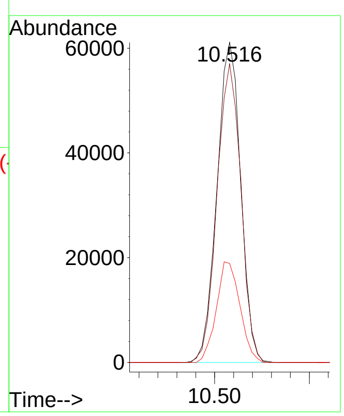


#30
1,2,4-Trichlorobenzene
Concen: 40.730 ng
RT: 10.516 min Scan# 1264
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:180 Resp: 106429

Ion	Ratio	Lower	Upper
180	100		
182	93.3	77.3	115.9
145	31.0	25.2	37.8



Instrument :
BNA_G
ClientSampleId :
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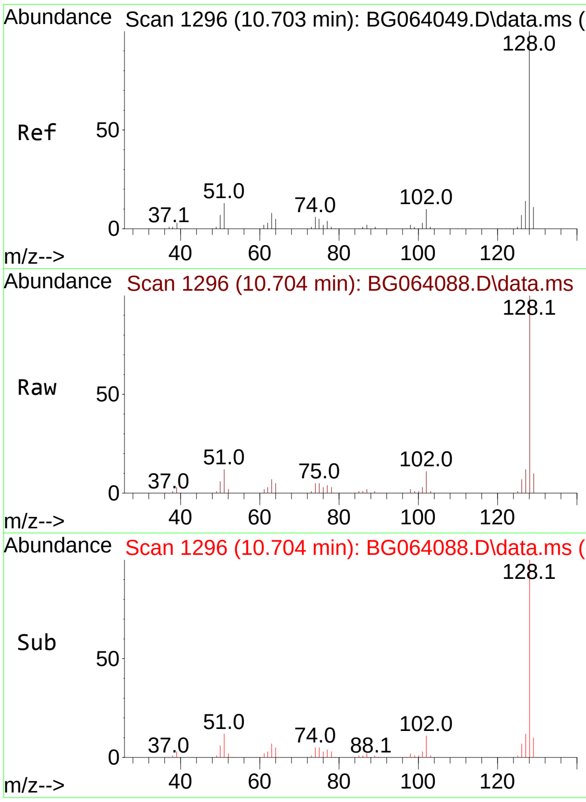
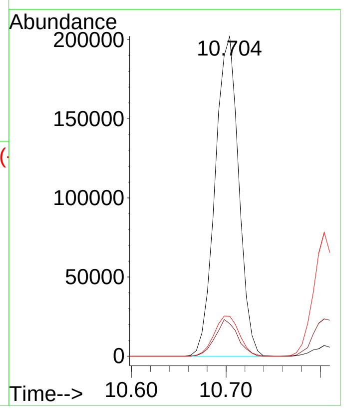
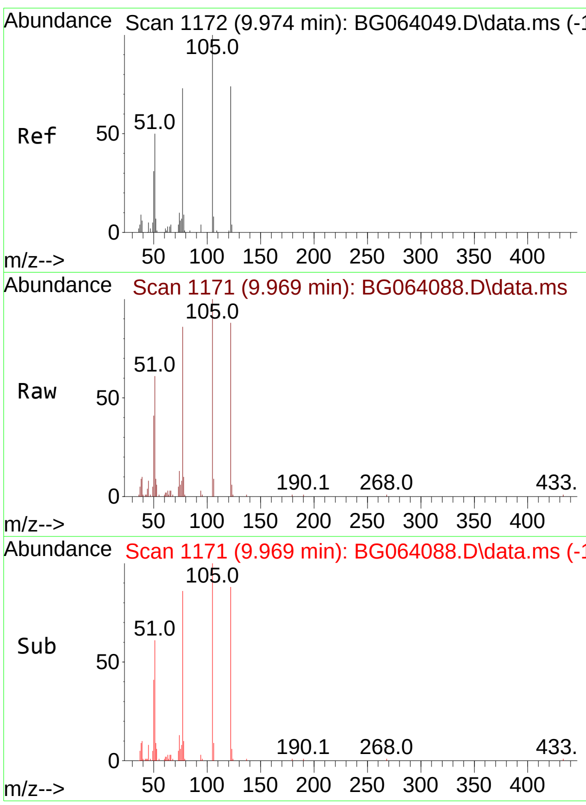
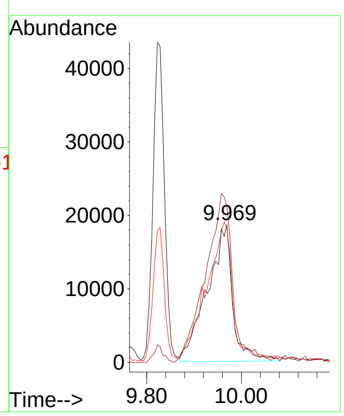



```
#31
Naphthalene
Concen:   41.085 ng
RT:  10.704 min  Scan# 1
Delta R.T.  0.001 min
Lab File:   BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:128 Resp:  34976
Ion  Ratio  Lower  Upper
128  100
129   10.2    8.4   12.6
127   12.5   11.1   16.7
```






```
#32
Benzoic acid
Concen:   44.805 ng
RT:   9.969 min  Scan# 1171
Delta R.T.  -0.005 min
Lab File:   BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:122 Resp:   69418
Ion  Ratio  Lower  Upper
122  100
105  113.2  115.0  155.0#
 77   97.6   80.9  120.9
```



Instrument :
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ClientSampleId :
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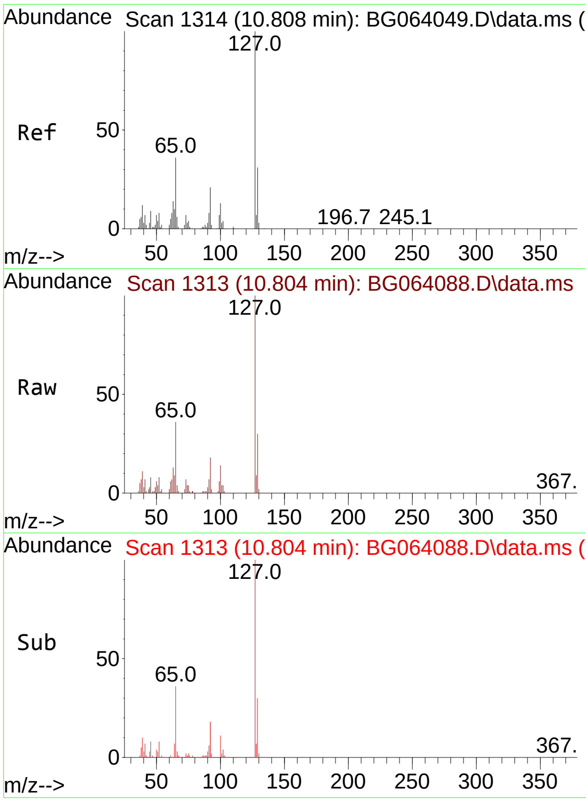
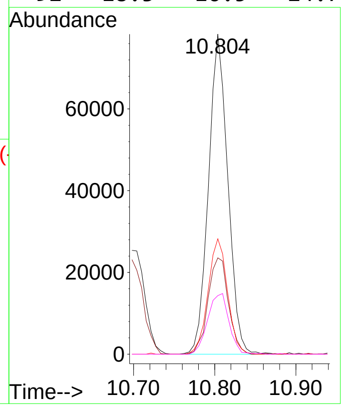
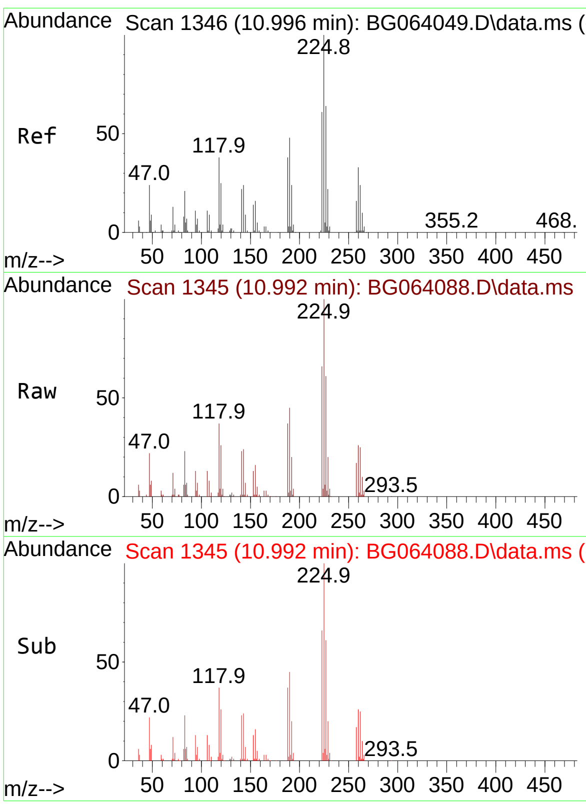


#33
4-Chloroaniline
Concen: 41.691 ng
RT: 10.804 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:127 Resp: 12972

Ion	Ratio	Lower	Upper
127	100		
129	30.1	25.0	37.4
65	36.0	28.5	42.7
92	18.3	16.5	24.7

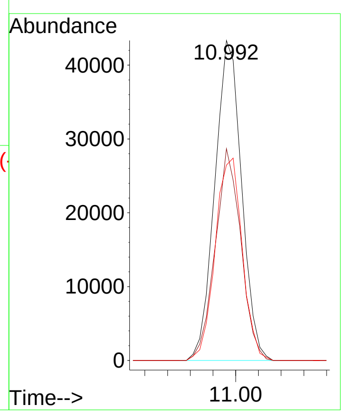


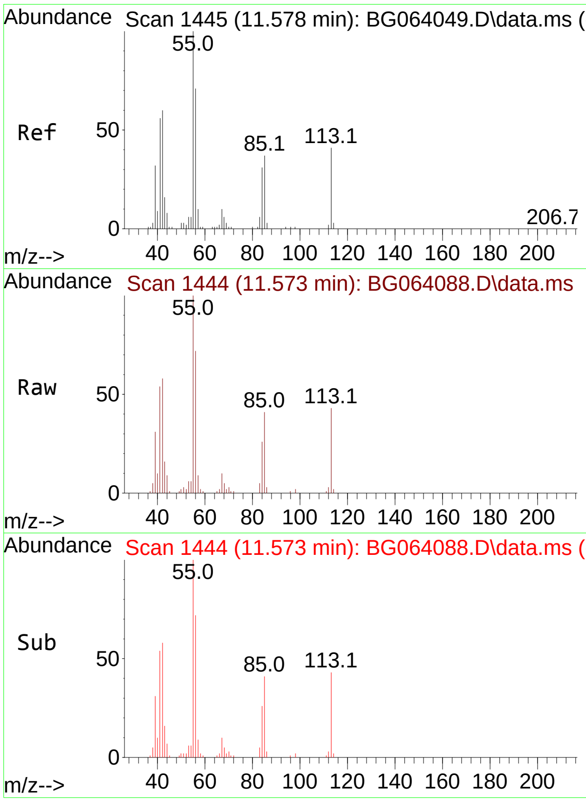


#34
Hexachlorobutadiene
Concen: 41.411 ng
RT: 10.992 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:225 Resp: 70927

Ion	Ratio	Lower	Upper
225	100		
223	66.2	48.5	72.7
227	61.1	51.0	76.6





#35
Caprolactam
Concen: 41.425 ng
RT: 11.573 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:113 Resp: 3436

Ion	Ratio	Lower	Upper
113	100		
55	235.2	225.2	265.2
56	169.7	153.4	193.4

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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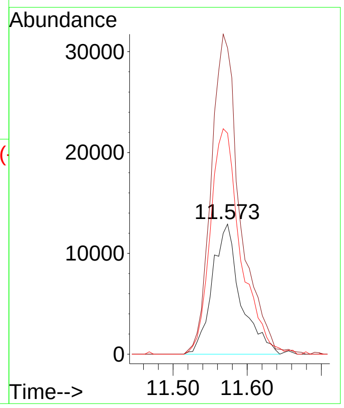
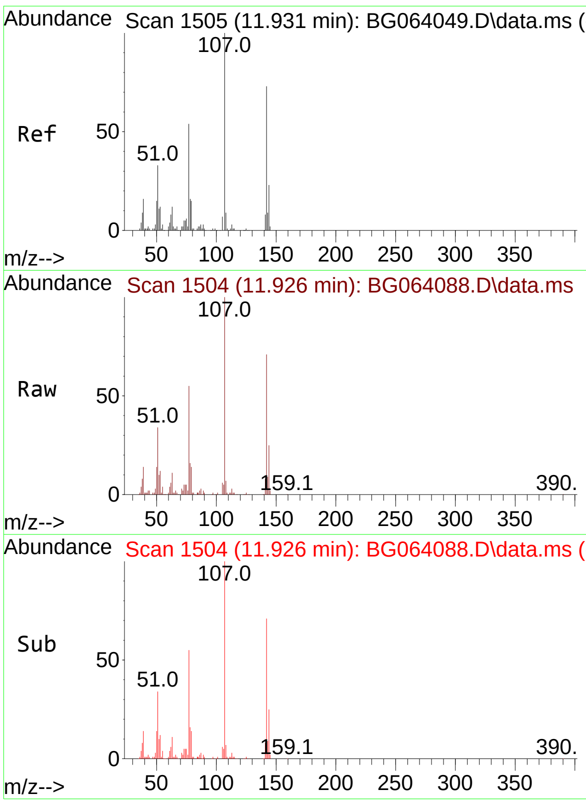
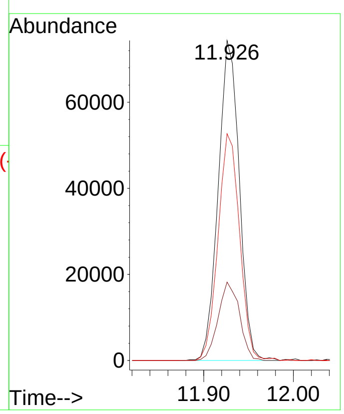




#36
4-Chloro-3-methylphenol
Concen: 42.818 ng
RT: 11.926 min Scan# 1504
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:107 Resp: 121491

Ion	Ratio	Lower	Upper
107	100		
144	24.5	18.6	28.0
142	70.9	58.0	87.0



Instrument :
BNA_G
ClientSampleId :
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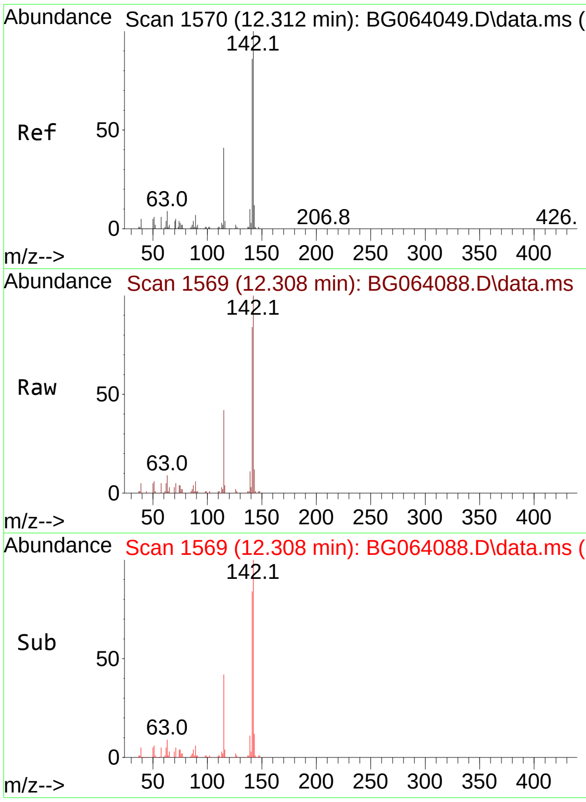
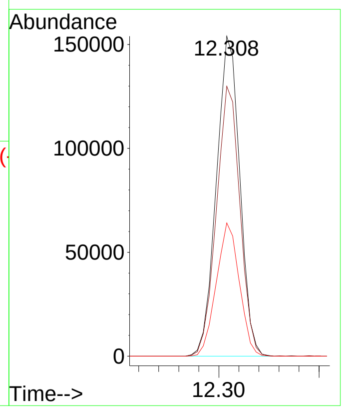
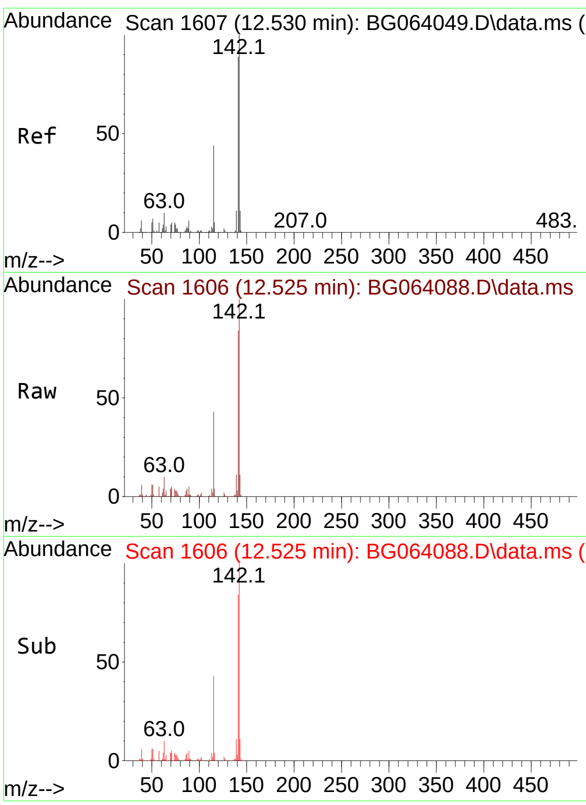


#37
2-Methylnaphthalene
Concen: 41.466 ng
RT: 12.308 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:142 Resp: 24921

Ion	Ratio	Lower	Upper
142	100		
141	84.4	68.6	103.0
115	41.7	32.8	49.2

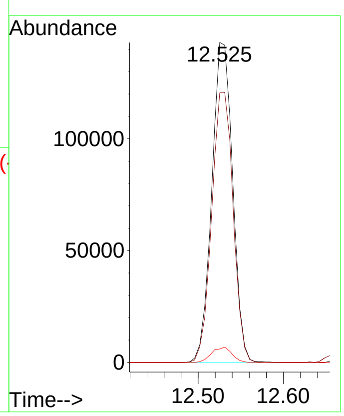


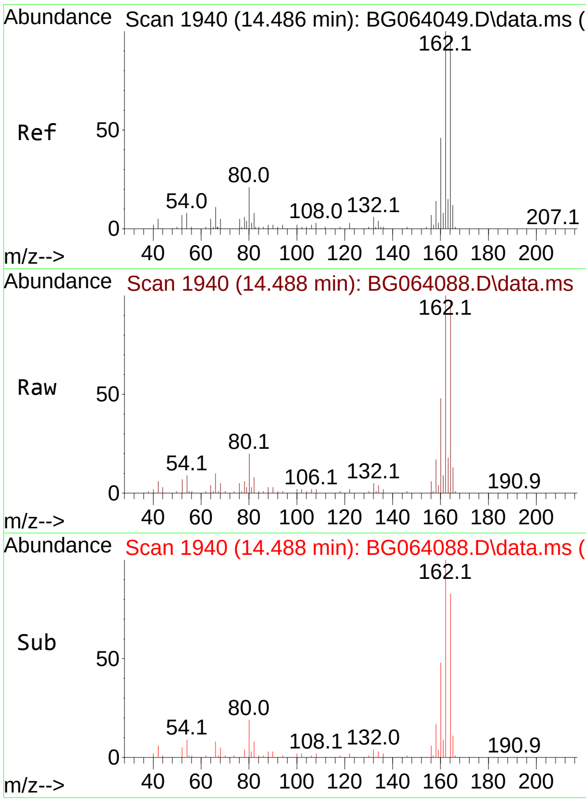


#38
1-Methylnaphthalene
Concen: 41.381 ng
RT: 12.525 min Scan# 1606
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:142 Resp: 243654

Ion	Ratio	Lower	Upper
142	100		
141	84.2	71.2	106.8
116	4.2	3.6	5.4

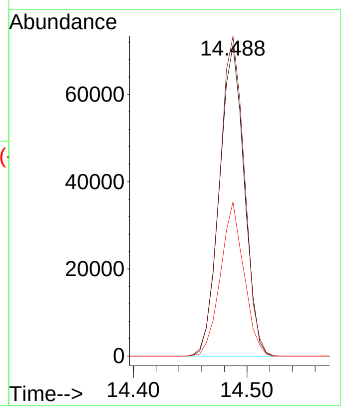




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.488 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:164 Resp: 10845(

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.0
160	49.6	37.0	55.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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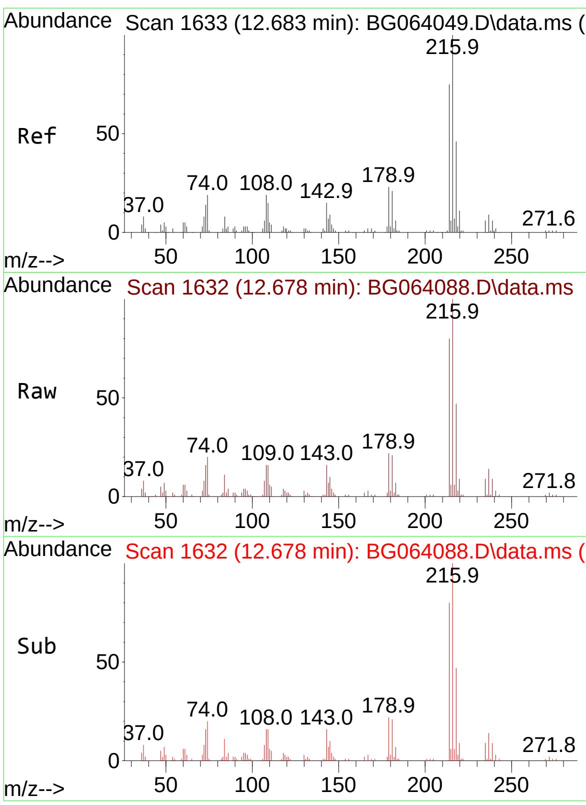
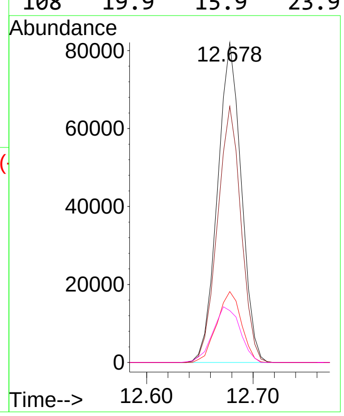
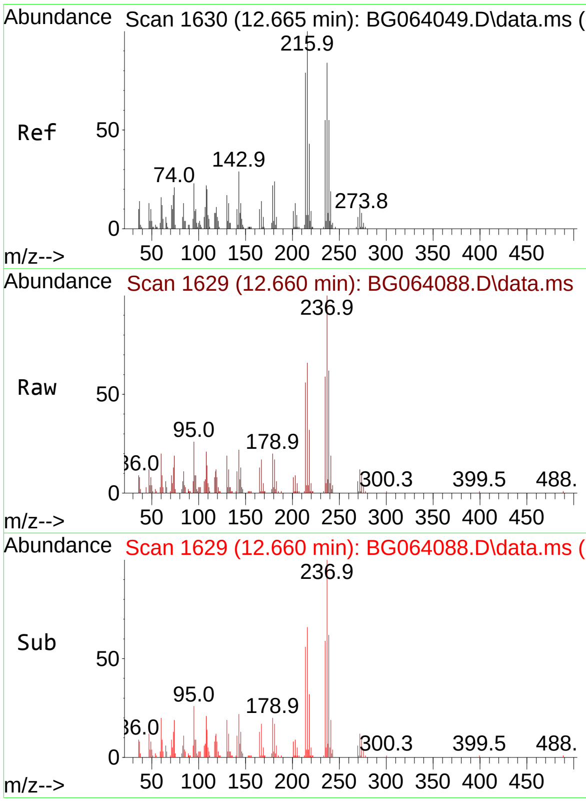


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.097 ng
RT: 12.678 min Scan# 1632
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:216 Resp: 127243

Ion	Ratio	Lower	Upper
216	100		
214	79.6	61.7	92.5
179	22.9	17.9	26.9
108	19.9	15.9	23.9





#41
Hexachlorocyclopentadiene
Concen: 56.172 ng
RT: 12.660 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 4895

Ion	Ratio	Lower	Upper
237	100		
235	59.1	46.0	86.0
272	11.5	0.0	32.8

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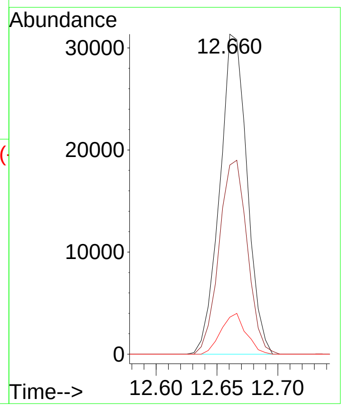
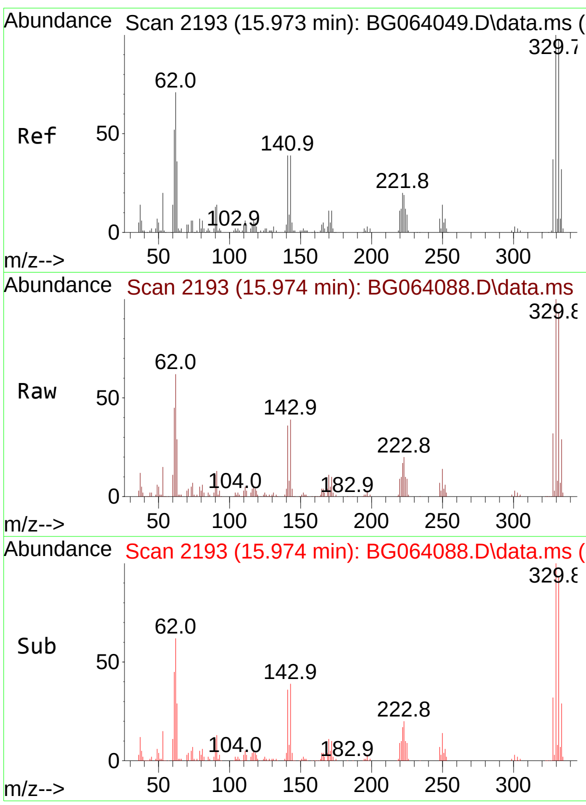
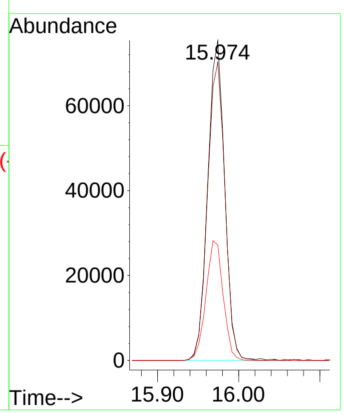


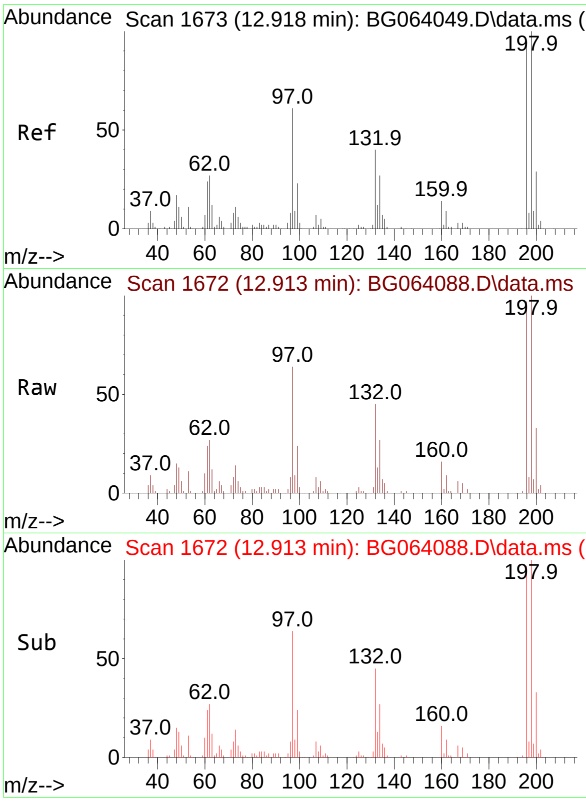


#42
2,4,6-Tribromophenol
Concen: 90.780 ng
RT: 15.974 min Scan# 2193
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:330 Resp: 109435

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.7	115.1
141	38.0	29.7	44.5





#43
2,4,6-Trichlorophenol
Concen: 44.744 ng
RT: 12.913 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:196 Resp: 8164

Ion	Ratio	Lower	Upper
196	100		
198	103.1	85.6	128.4
200	34.3	24.6	37.0

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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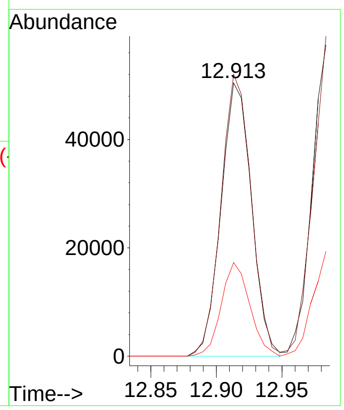
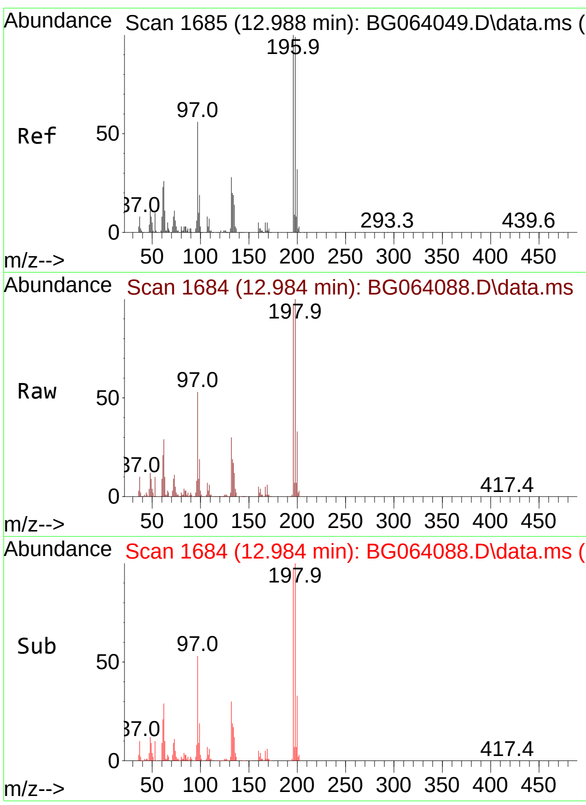
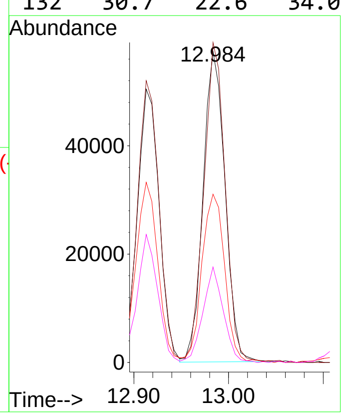


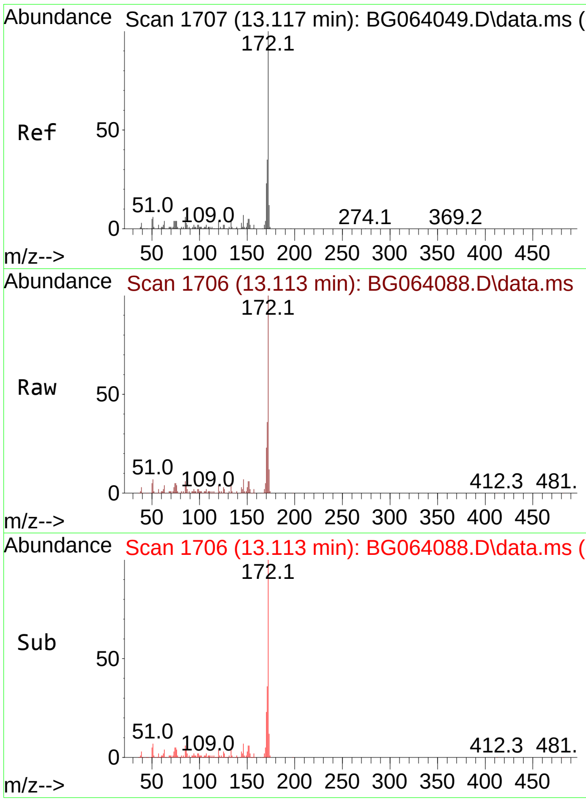


#44
2,4,5-Trichlorophenol
Concen: 45.545 ng
RT: 12.984 min Scan# 1684
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:196 Resp: 92347

Ion	Ratio	Lower	Upper
196	100		
198	102.8	79.5	119.3
97	54.1	45.2	67.8
132	30.7	22.6	34.0





#45
2-Fluorobiphenyl
Concen: 82.956 ng
RT: 13.113 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:172 Resp: 59270

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.0	42.0
170	23.3	18.7	28.1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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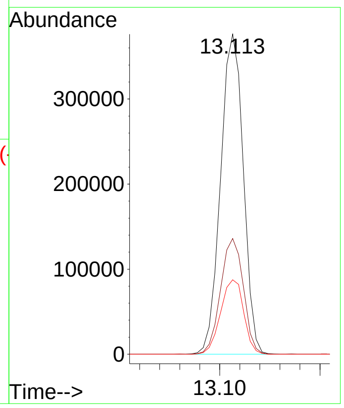
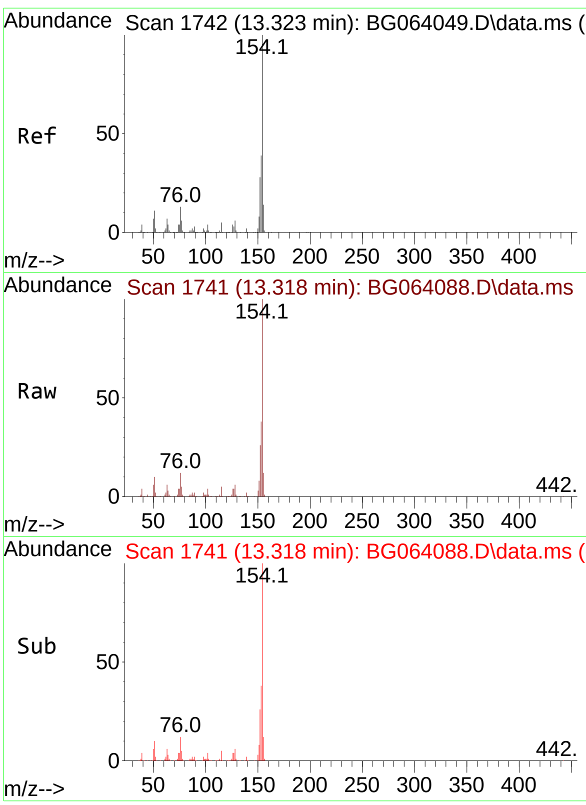
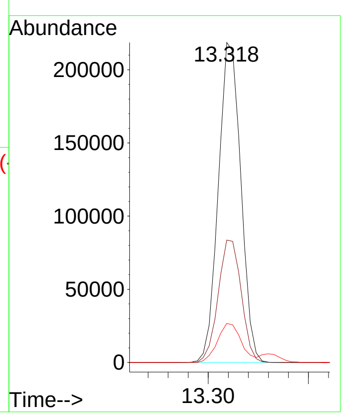




#46
1,1'-Biphenyl
Concen: 41.605 ng
RT: 13.318 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:154 Resp: 340892

Ion	Ratio	Lower	Upper
154	100		
153	38.2	19.5	59.5
76	12.2	0.0	33.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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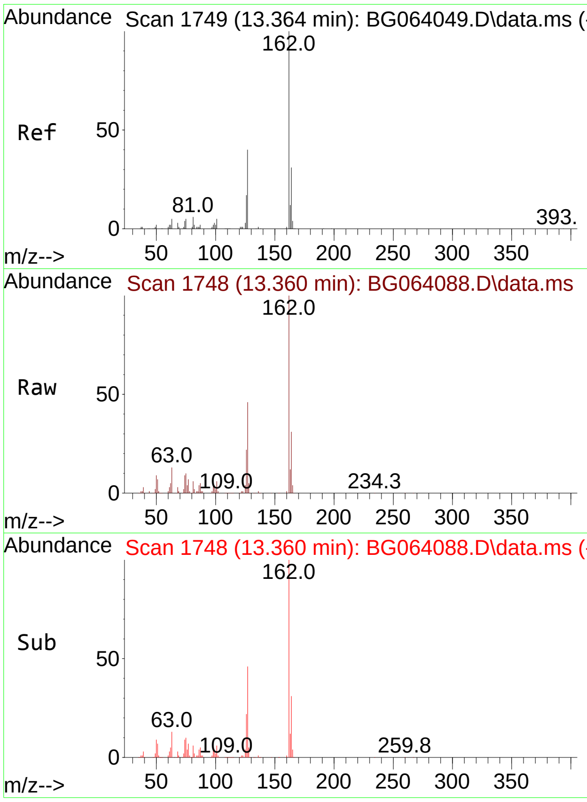
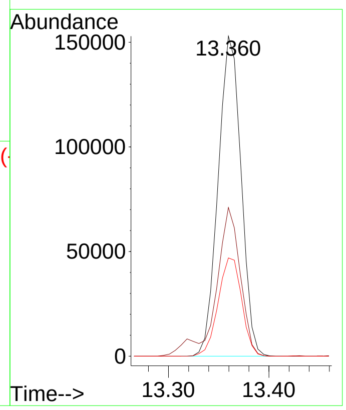
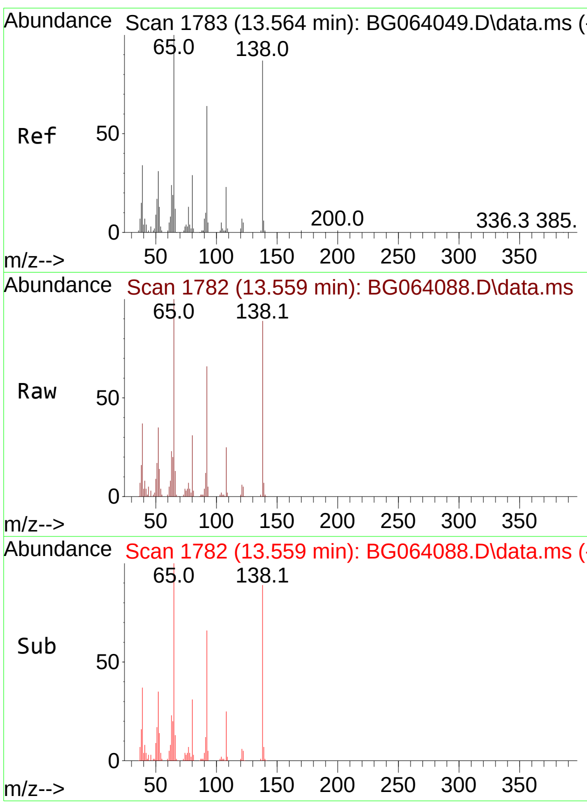


#47
2-Chloronaphthalene
Concen: 40.562 ng
RT: 13.360 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:162 Resp: 24238

Ion	Ratio	Lower	Upper
162	100		
127	46.4	35.0	52.4
164	30.7	25.0	37.6

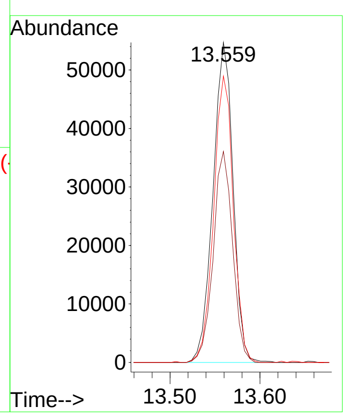




#48
2-Nitroaniline
Concen: 43.674 ng
RT: 13.559 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 65 Resp: 84939

Ion	Ratio	Lower	Upper
65	100		
92	65.9	51.2	76.8
138	89.5	69.4	104.2



Instrument : BNA_G
ClientSampleId : SSTDCCC040

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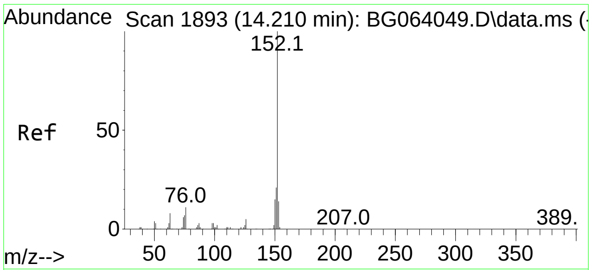
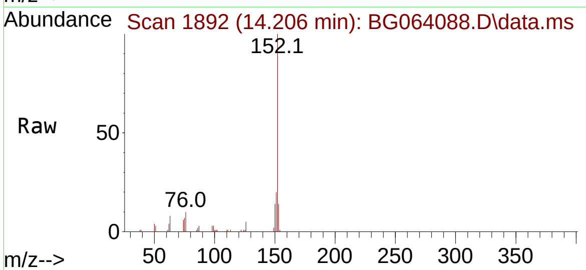
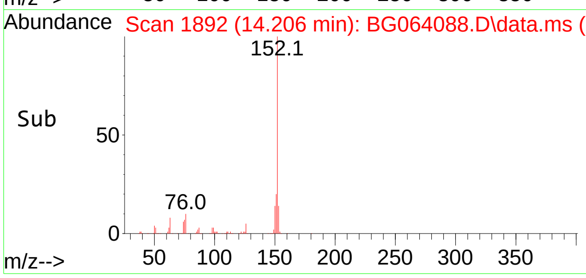


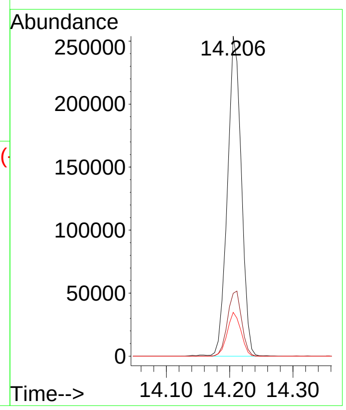


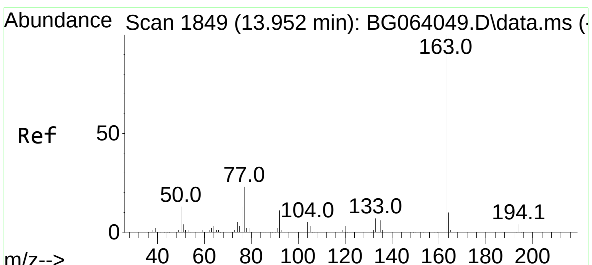


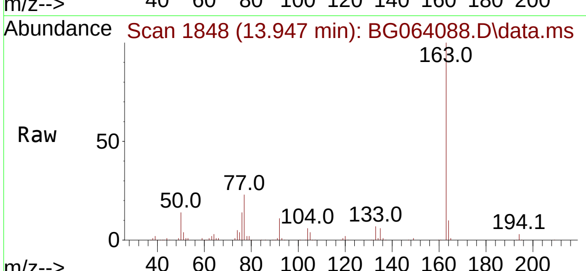
#49
Acenaphthylene
Concen: 41.092 ng
RT: 14.206 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

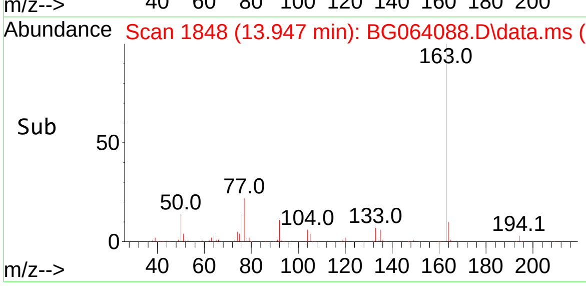
Tgt Ion:152 Resp: 38840

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.4	24.6
153	13.7	10.9	16.3





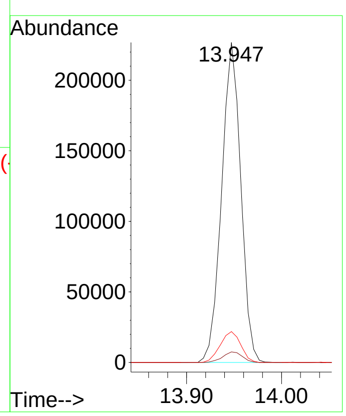




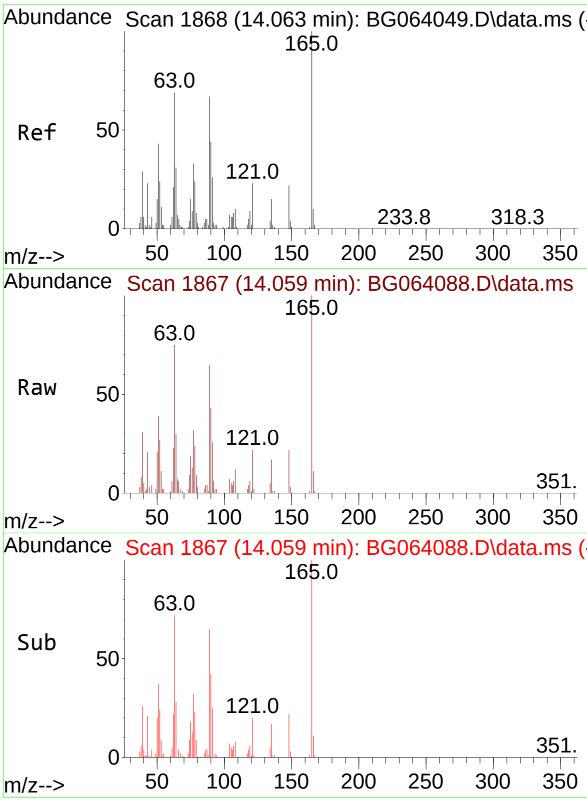
#50
Dimethylphthalate
Concen: 39.848 ng
RT: 13.947 min Scan# 1848
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:163 Resp: 319000

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	9.7	8.2	12.2



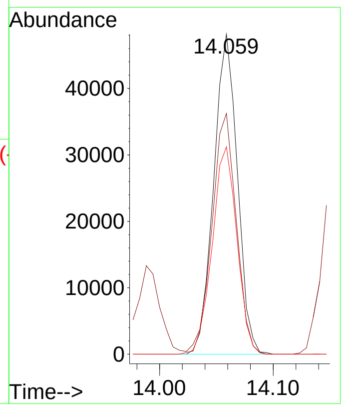
Sample Results: **BG064088.D**



#51
2,6-Dinitrotoluene
Concen: 43.275 ng
RT: 14.059 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:165 Resp: 6970

Ion	Ratio	Lower	Upper
165	100		
63	75.3	56.7	85.1
89	64.8	53.7	80.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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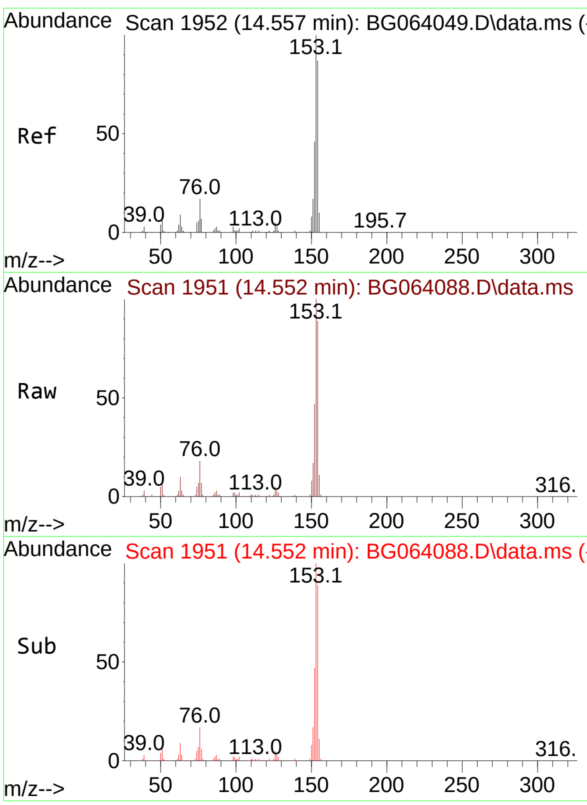
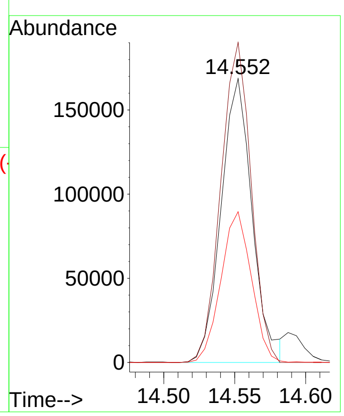


#52
Acenaphthene
Concen: 40.452 ng
RT: 14.552 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:154 Resp: 256603

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.6	137.4
152	53.1	42.5	63.7



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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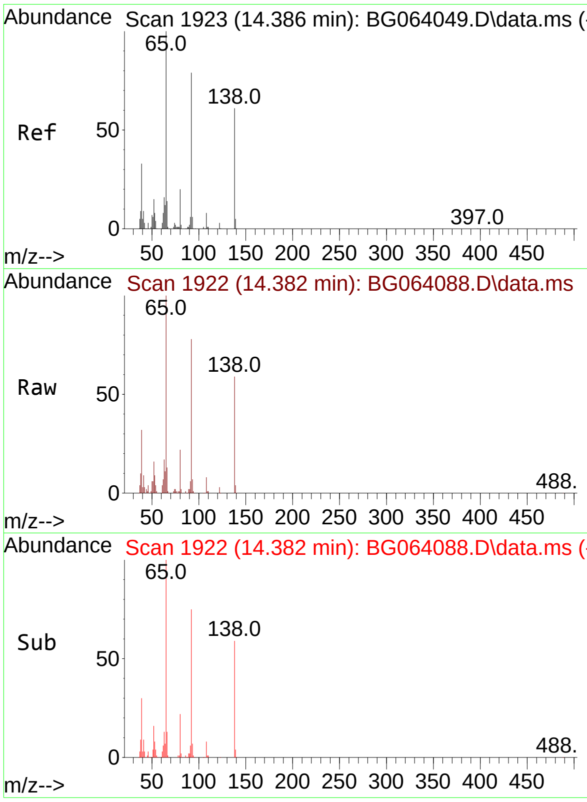
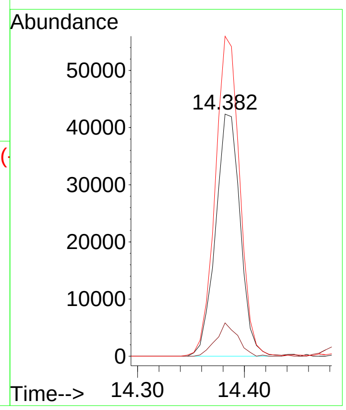
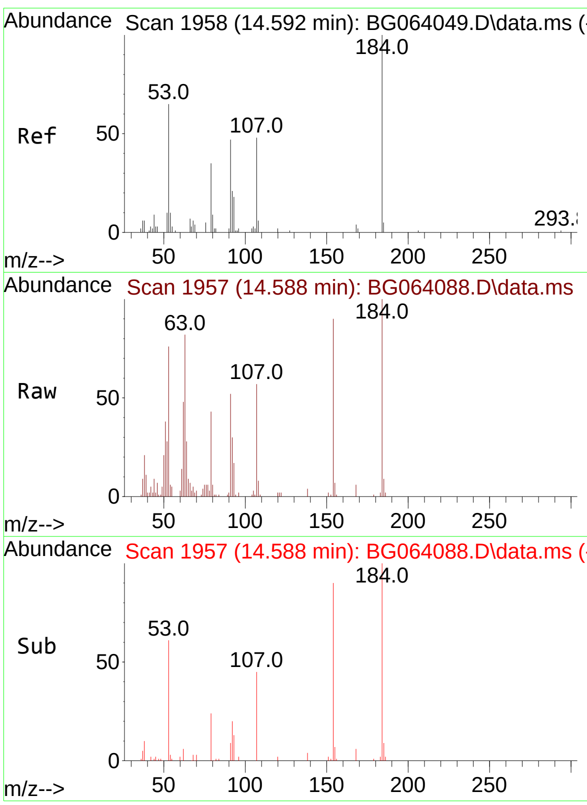
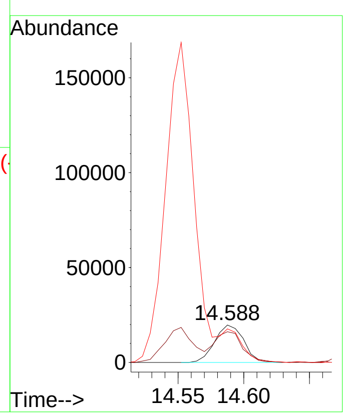


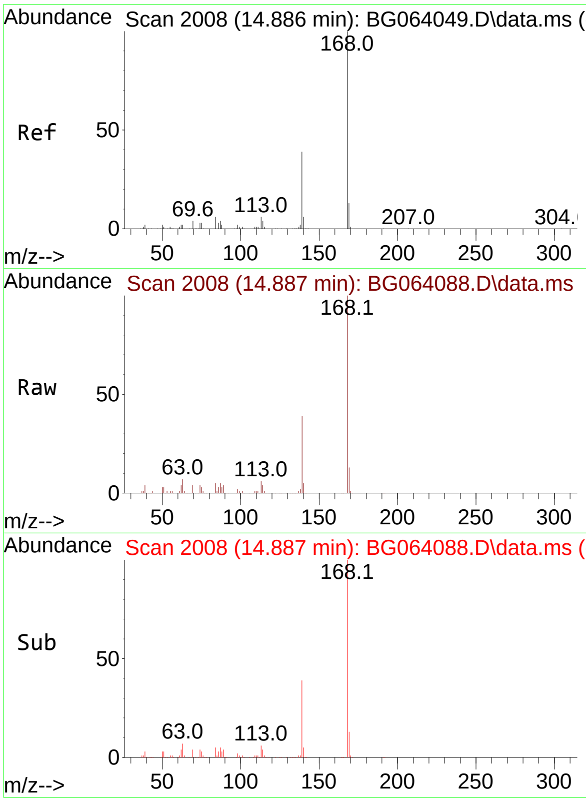

```
#53
3-Nitroaniline
Concen:   43.958 ng
RT:  14.382 min  Scan# 1
Delta R.T.  -0.005 min
Lab File:   BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:138 Resp:   6801
Ion  Ratio  Lower  Upper
138  100
108   13.8   10.1   15.1
 92  132.2  104.1  156.1
```






```
#54
2,4-Dinitrophenol
Concen:   48.212 ng
RT:  14.588 min  Scan# 1957
Delta R.T.  -0.004 min
Lab File:   BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:184 Resp:   30294
Ion  Ratio  Lower  Upper
184  100
 63   82.1   57.5   86.3
154   90.1   52.3   78.5#
```





#55
Dibenzofuran
Concen: 40.446 ng
RT: 14.887 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 41563

Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.1	46.7
169	12.5	10.5	15.7

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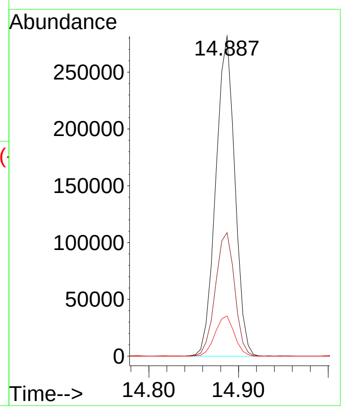
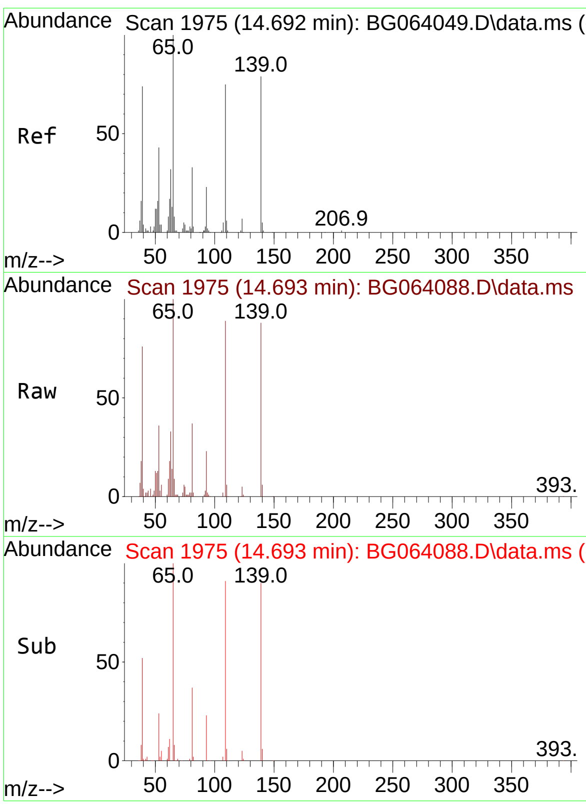
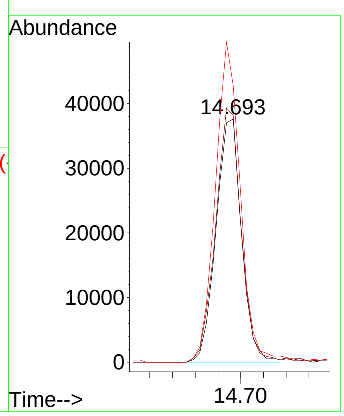


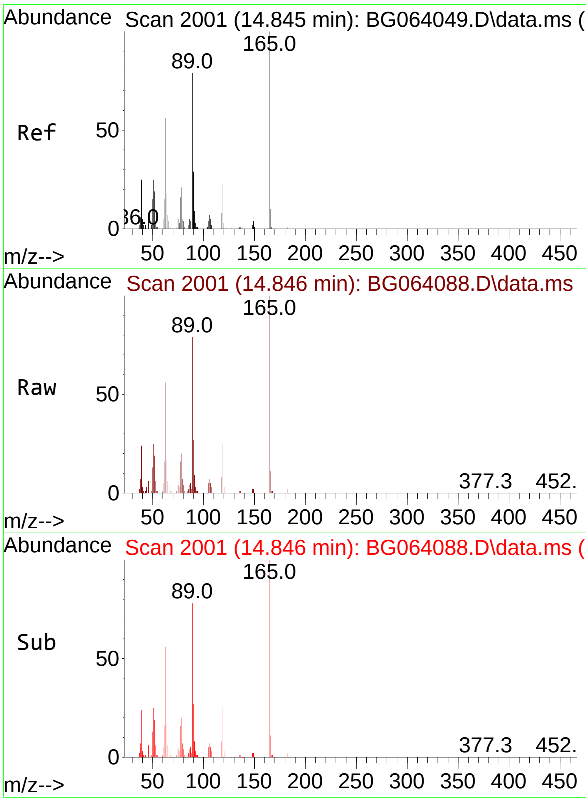


#56
4-Nitrophenol
Concen: 45.112 ng
RT: 14.693 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:139 Resp: 58538

Ion	Ratio	Lower	Upper
139	100		
109	101.4	74.9	114.9
65	113.6	106.8	146.8





#57
2,4-Dinitrotoluene
Concen: 42.134 ng
RT: 14.846 min Scan# 2(
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 93339

Ion	Ratio	Lower	Upper
165	100		
63	56.4	45.0	67.6
89	78.6	63.1	94.7
182	2.1	1.0	1.4#

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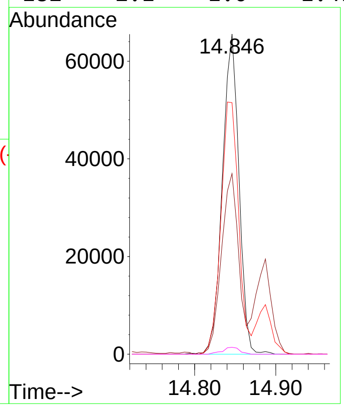
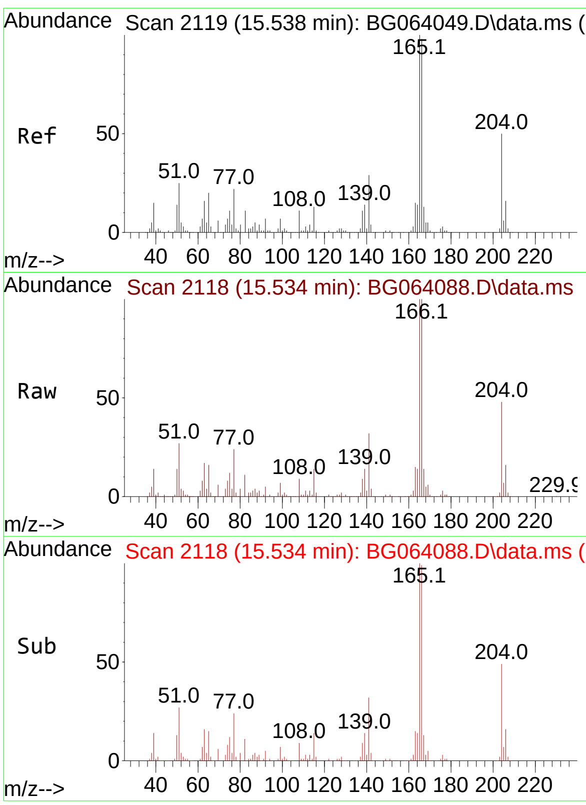
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

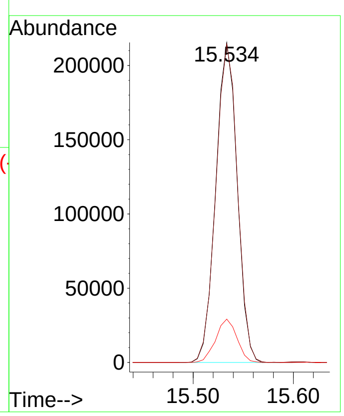


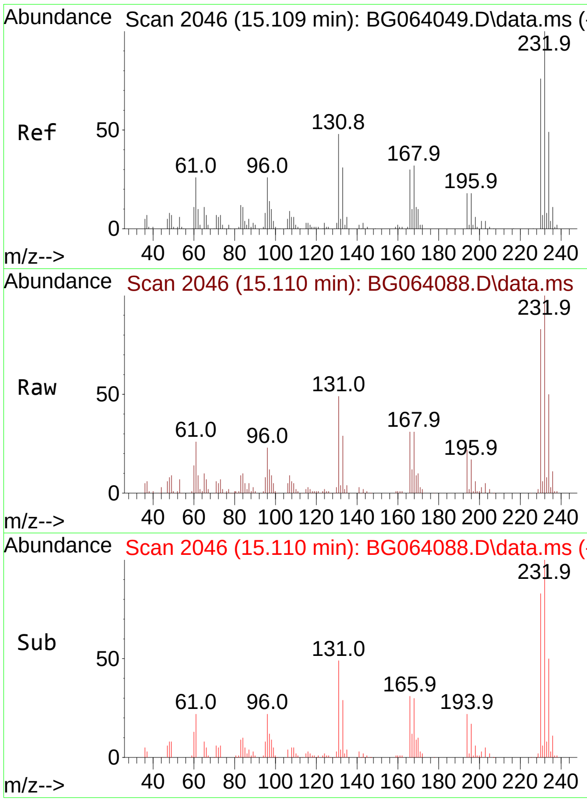


#58
Fluorene
Concen: 39.931 ng
RT: 15.534 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:166 Resp: 319594

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.8	122.8
167	13.6	10.8	16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.741 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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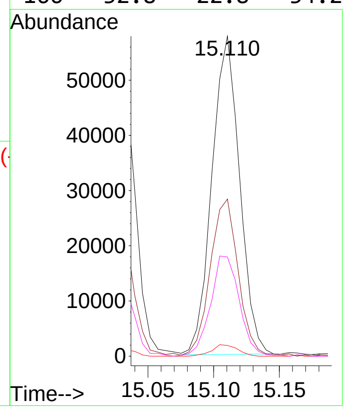
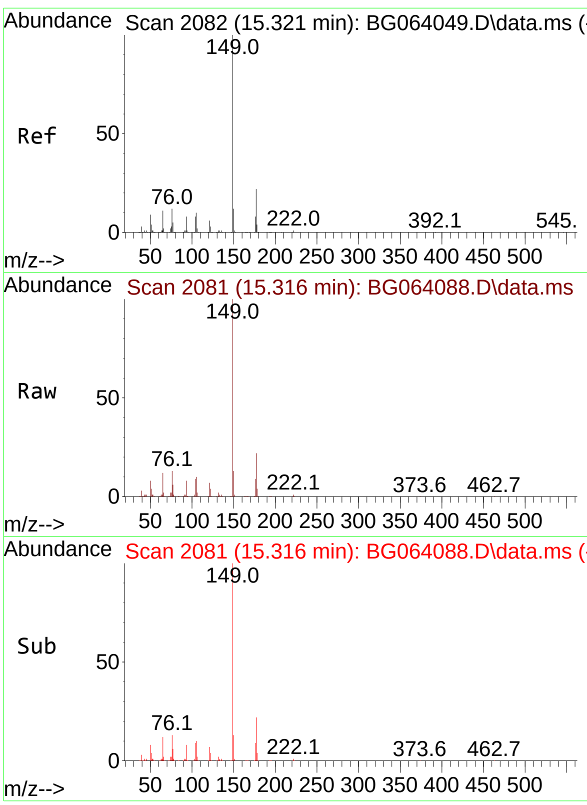
Tgt Ion:232 Resp: 8448

Ion	Ratio	Lower	Upper
232	100		
131	50.3	36.3	54.5
130	3.4	1.9	2.9
166	32.8	22.8	34.2

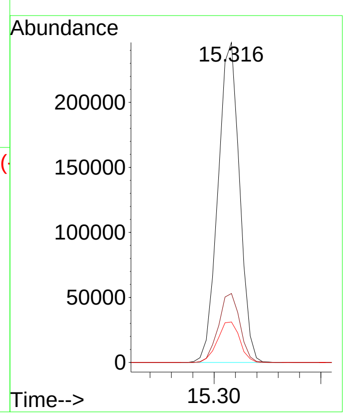




#60
Diethylphthalate
Concen: 39.625 ng
RT: 15.316 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:149 Resp: 344373

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.2
150	12.7	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
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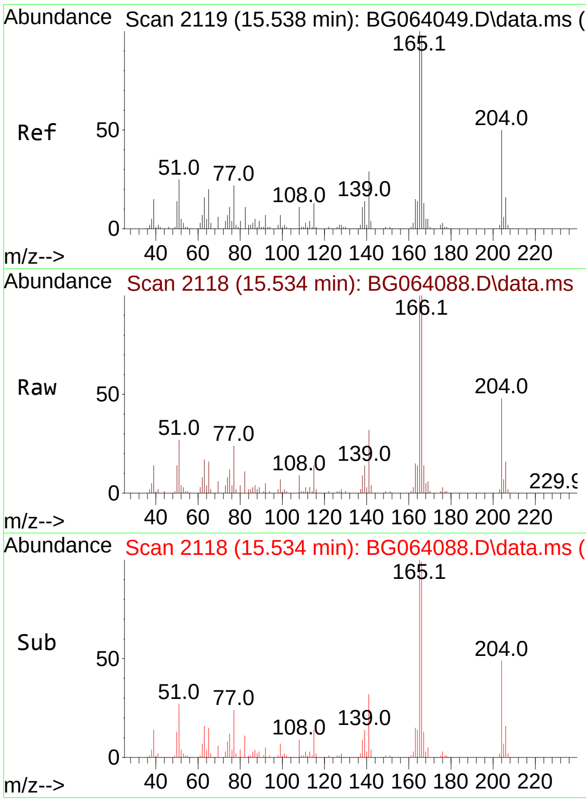
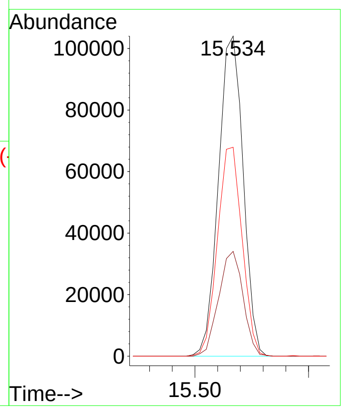
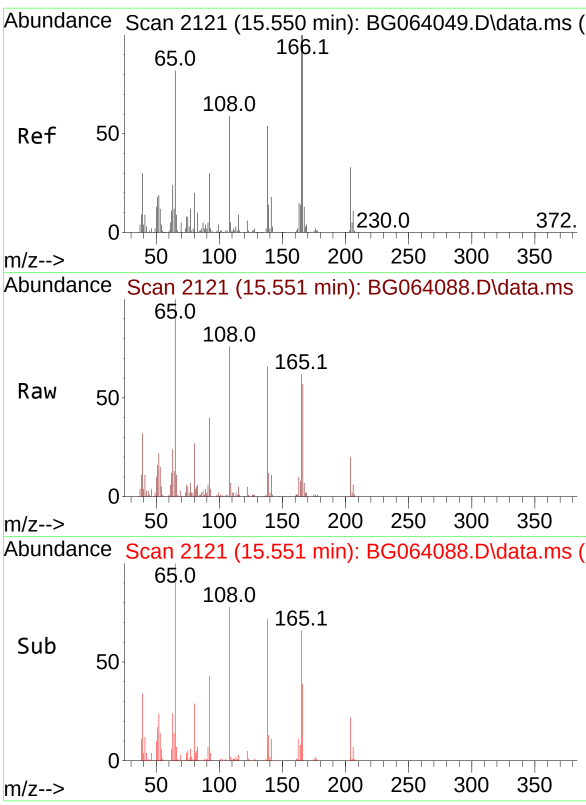


#61
4-Chlorophenyl-phenylether
Concen: 39.577 ng
RT: 15.534 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:204 Resp: 15741

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.5	38.3
141	65.3	45.4	68.0

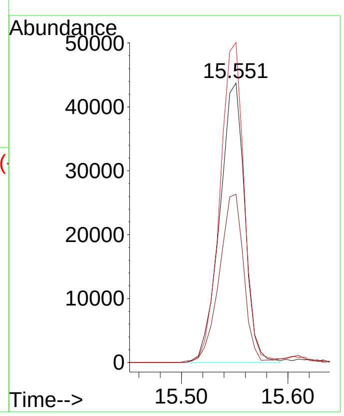




#62
4-Nitroaniline
Concen: 42.778 ng
RT: 15.551 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:138 Resp: 71458

Ion	Ratio	Lower	Upper
138	100		
92	60.2	36.1	76.1
108	114.5	87.9	127.9



Instrument : BNA_G
ClientSampleId : SSTDCCC040

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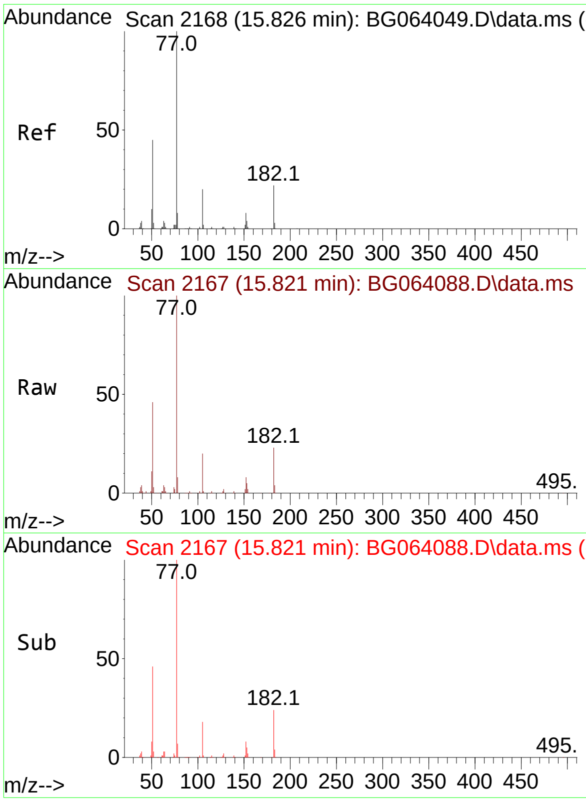
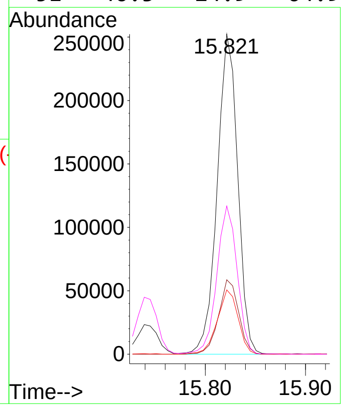
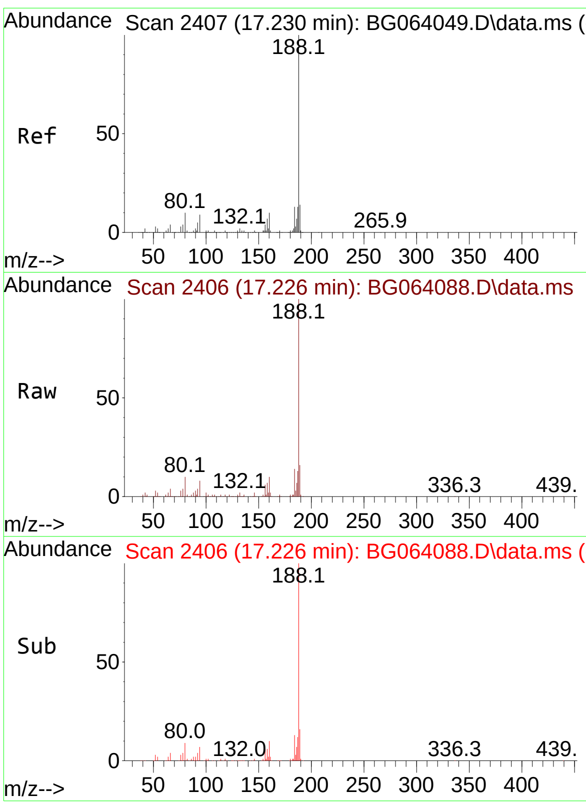


#63
Azobenzene
Concen: 38.749 ng
RT: 15.821 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 77 Resp: 35934

Ion	Ratio	Lower	Upper
77	100		
182	23.2	2.4	42.4
105	20.1	0.0	40.0
51	46.3	24.9	64.9

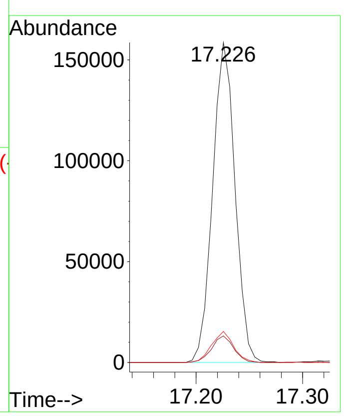




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.226 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:188 Resp: 231599

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.7	8.1	12.1



Sample Results: **BG064088.D**

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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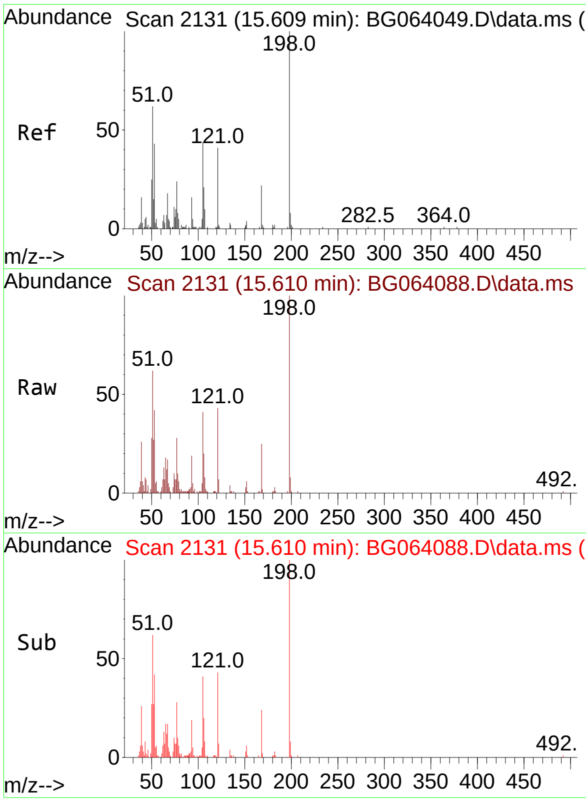
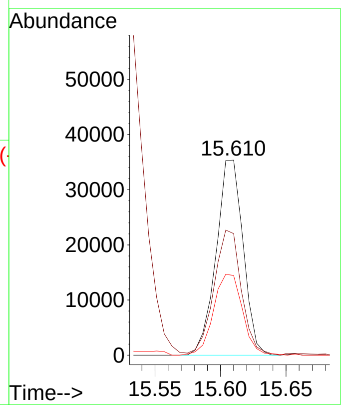
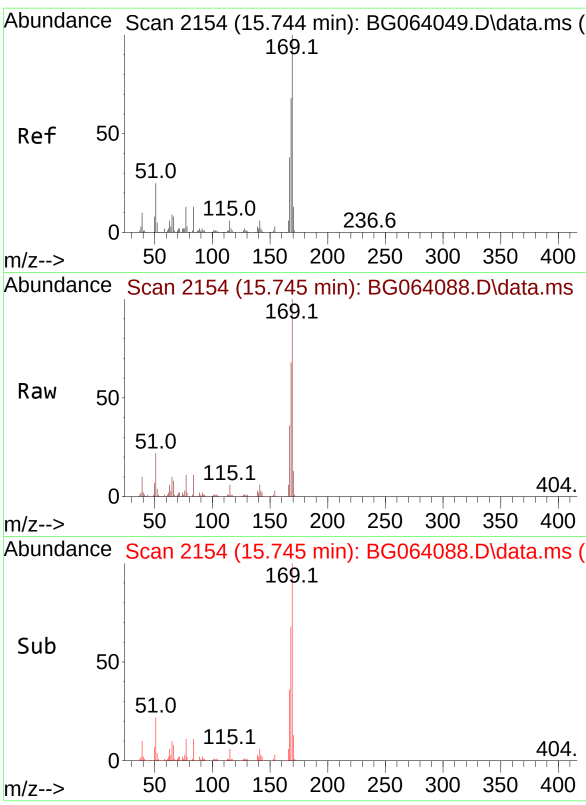


#65
4,6-Dinitro-2-methylphenol
Concen: 50.140 ng
RT: 15.610 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:198 Resp: 5060

Ion	Ratio	Lower	Upper
198	100		
51	62.3	45.6	85.6
105	40.9	25.3	65.3

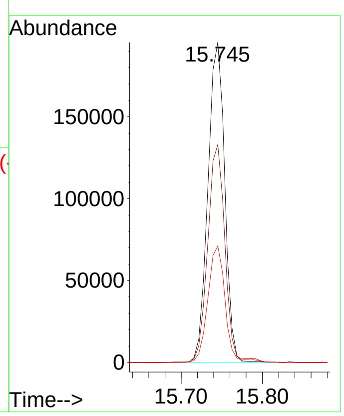




#66
n-Nitrosodiphenylamine
Concen: 42.928 ng
RT: 15.745 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:169 Resp: 281422

Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.1	81.1
167	36.4	30.3	45.5



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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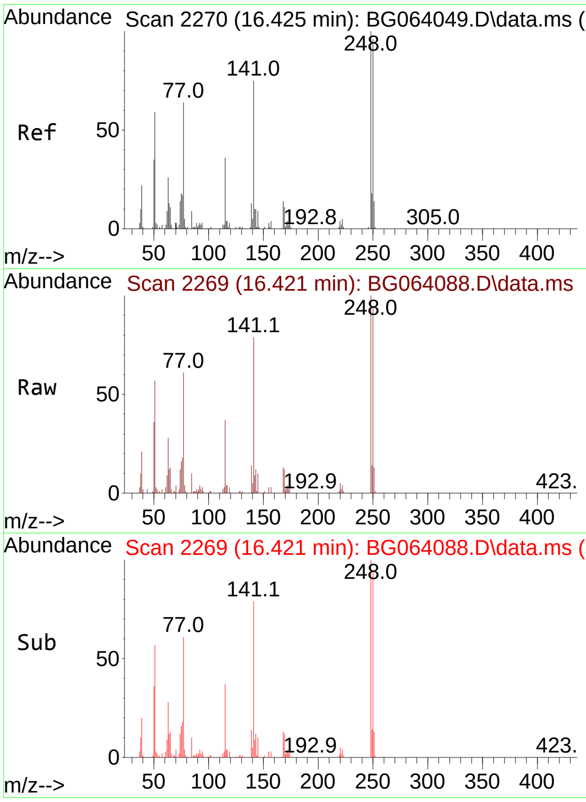
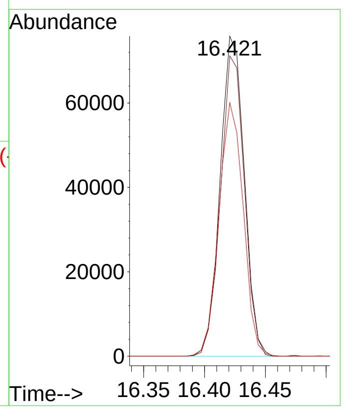
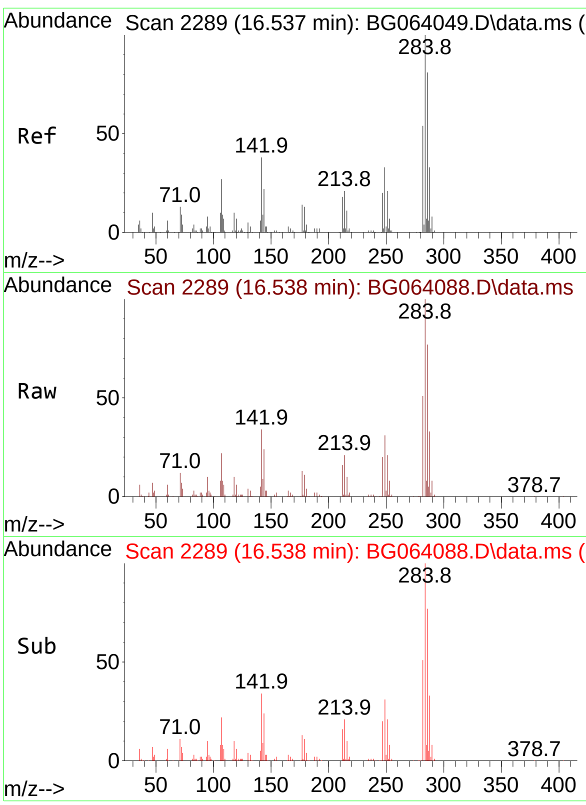


#67
4-Bromophenyl-phenylether
Concen: 44.225 ng
RT: 16.421 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:248 Resp: 10490

Ion	Ratio	Lower	Upper
248	100		
250	93.9	77.1	115.7
141	79.2	59.8	89.8

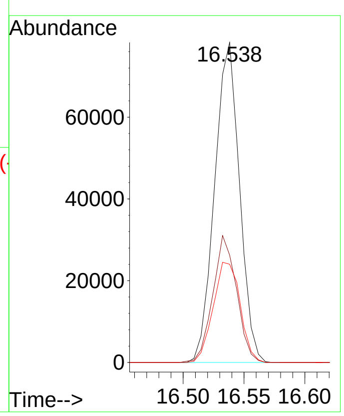




#68
Hexachlorobenzene
Concen: 41.892 ng
RT: 16.538 min Scan# 2289
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:284 Resp: 111247

Ion	Ratio	Lower	Upper
284	100		
142	33.6	30.6	45.8
249	30.7	26.6	39.8



Instrument :
BNA_G
ClientSampleId :
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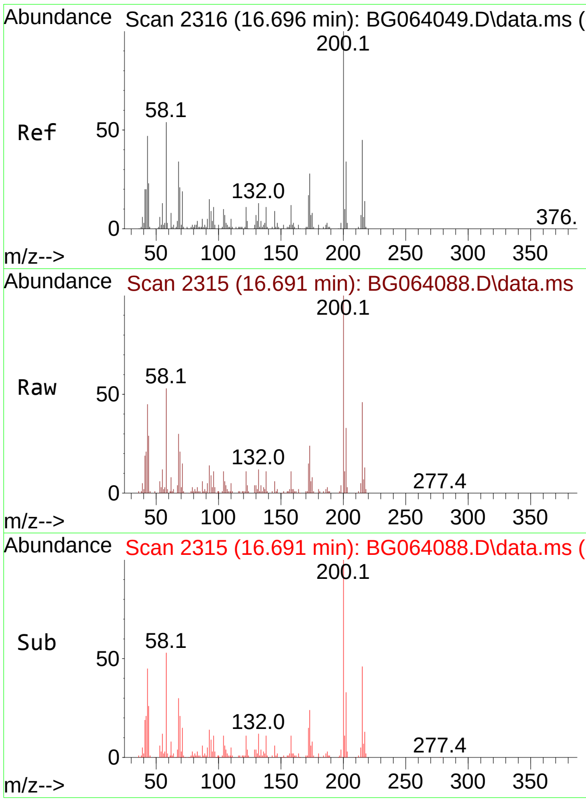
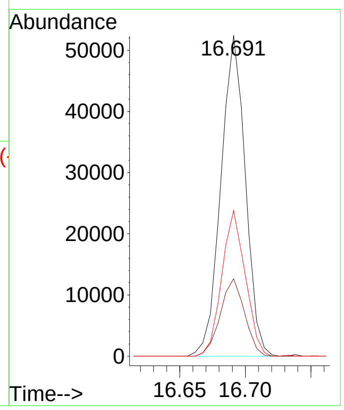
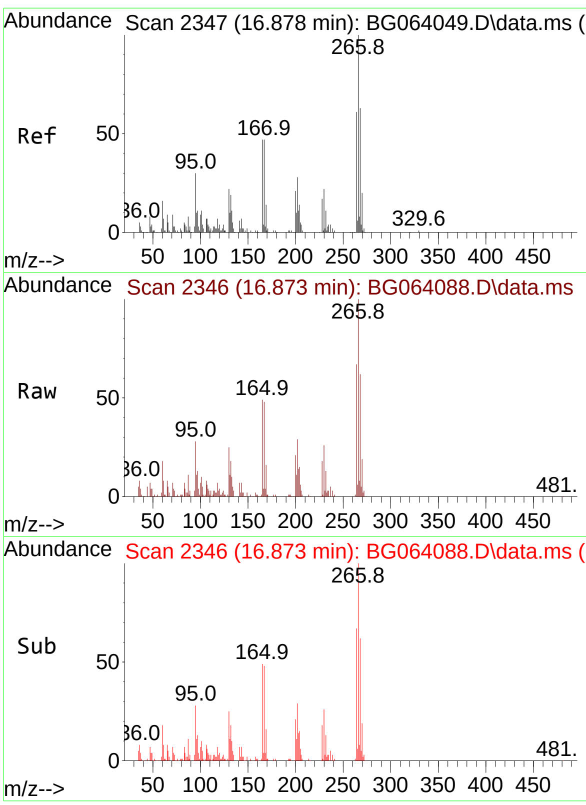
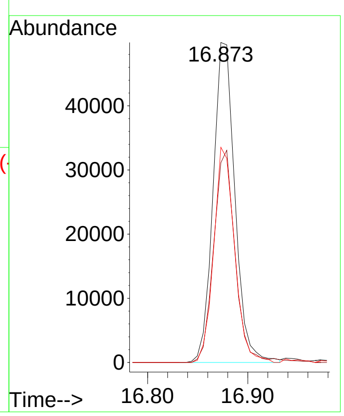



```
#69
Atrazine
Concen:   35.215 ng
RT:  16.691 min  Scan# 2
Delta R.T.  -0.005 min
Lab File:   BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:200 Resp:   6792
Ion  Ratio  Lower  Upper
200  100
173   24.2    8.2   48.2
215   45.5   25.5   65.5
```






```
#70
Pentachlorophenol
Concen:   45.869 ng
RT:  16.873 min  Scan# 2346
Delta R.T.  -0.005 min
Lab File:   BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:266 Resp:   75630
Ion  Ratio  Lower  Upper
266  100
268   62.4   50.2   75.4
264   67.2   48.9   73.3
```



Sample Results: **BG064088.D**

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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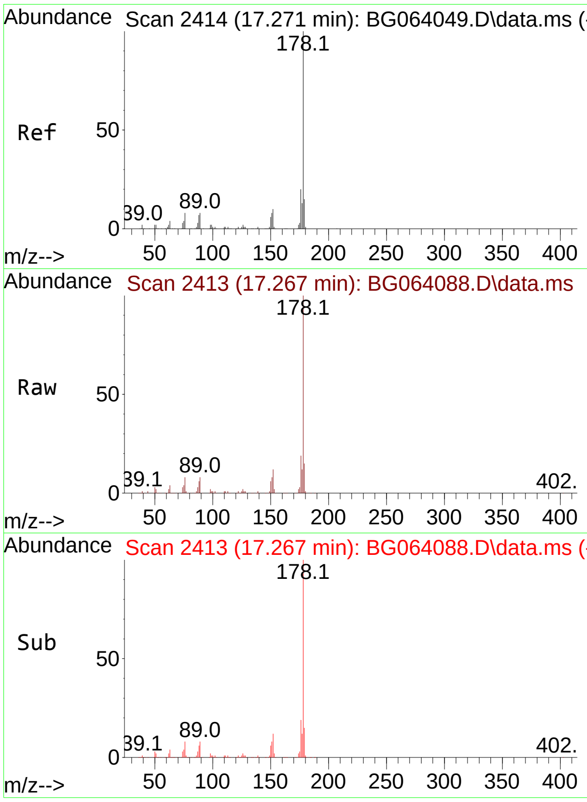
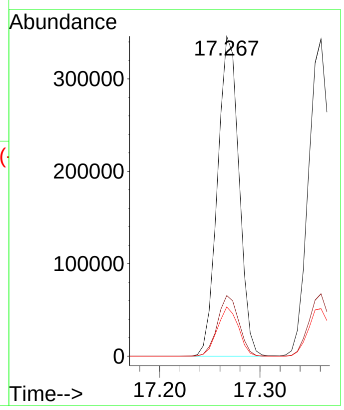
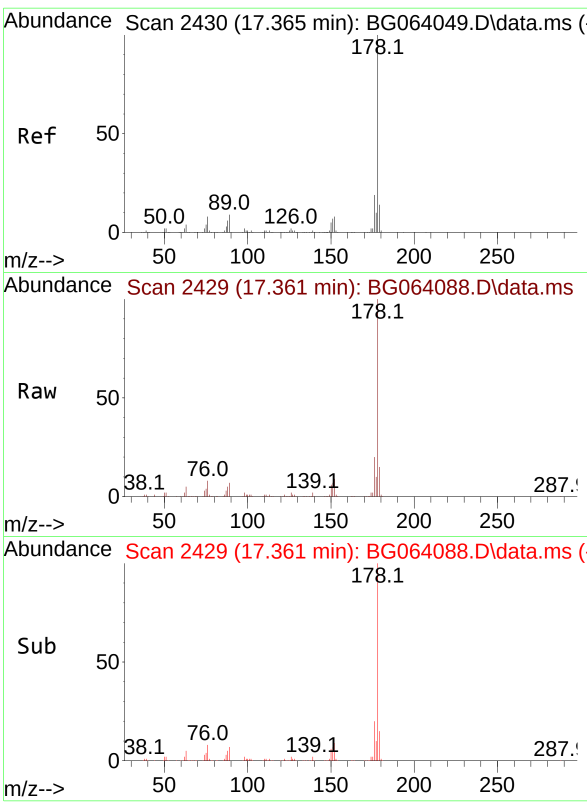
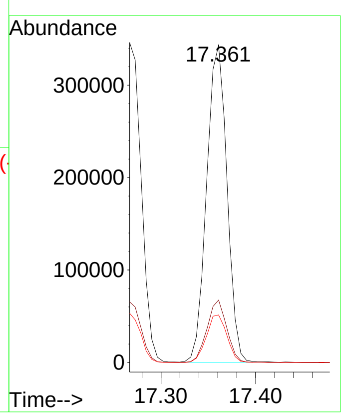



```
#71
Phenanthrene
Concen:   41.776 ng
RT:  17.267 min  Scan# 24
Delta R.T.   -0.005 min
Lab File:    BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:178 Resp:  51606
Ion  Ratio  Lower  Upper
178  100
176   18.9   15.9   23.9
179   15.4   12.2   18.2
```

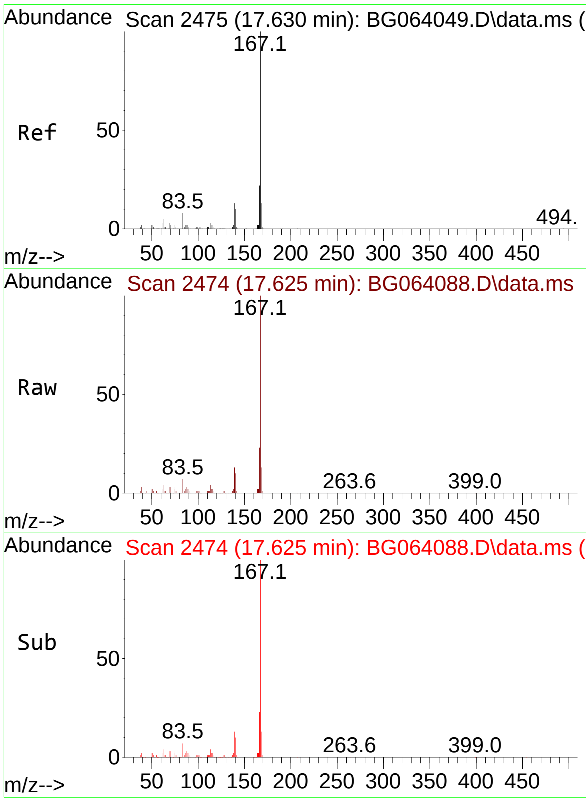





```
#72
Anthracene
Concen:   41.684 ng
RT:  17.361 min  Scan# 2429
Delta R.T.   -0.005 min
Lab File:    BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:178 Resp:  512021
Ion  Ratio  Lower  Upper
178  100
176   19.7   14.8   22.2
179   15.0   11.5   17.3
```



Sample Results: **BG064088.D**



#73
Carbazole
Concen: 41.099 ng
RT: 17.625 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:167 Resp: 471338

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.0	27.0
139	12.7	10.6	15.8

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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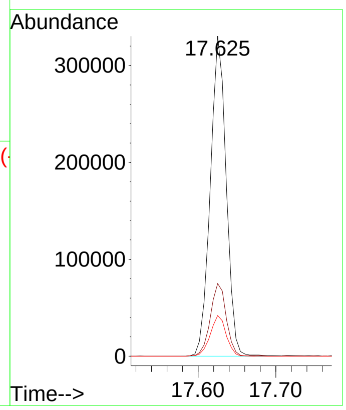
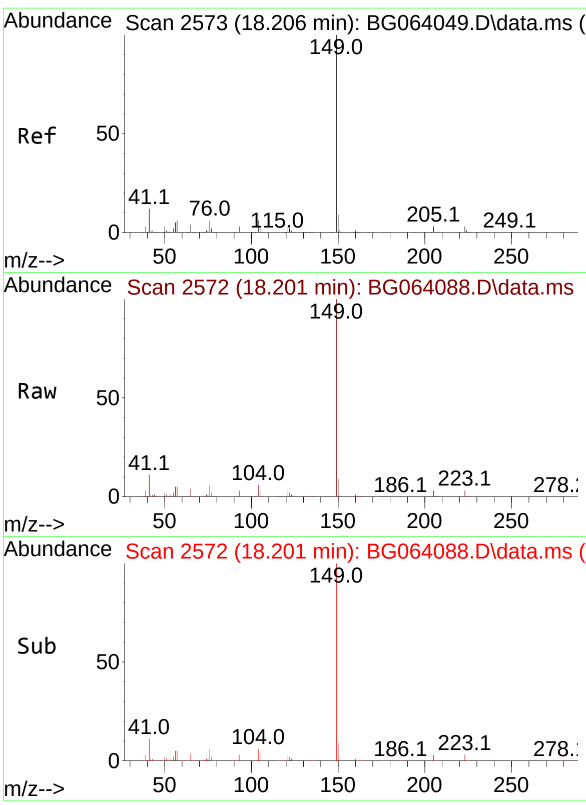
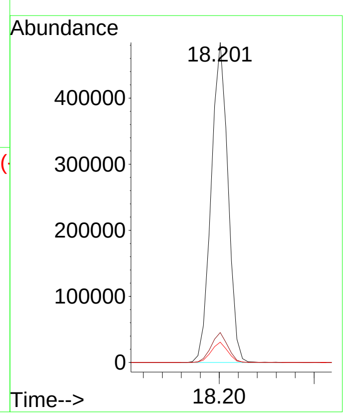




#74
Di-n-butylphthalate
Concen: 44.019 ng
RT: 18.201 min Scan# 2572
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:149 Resp: 594241

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	6.4	5.0	7.6



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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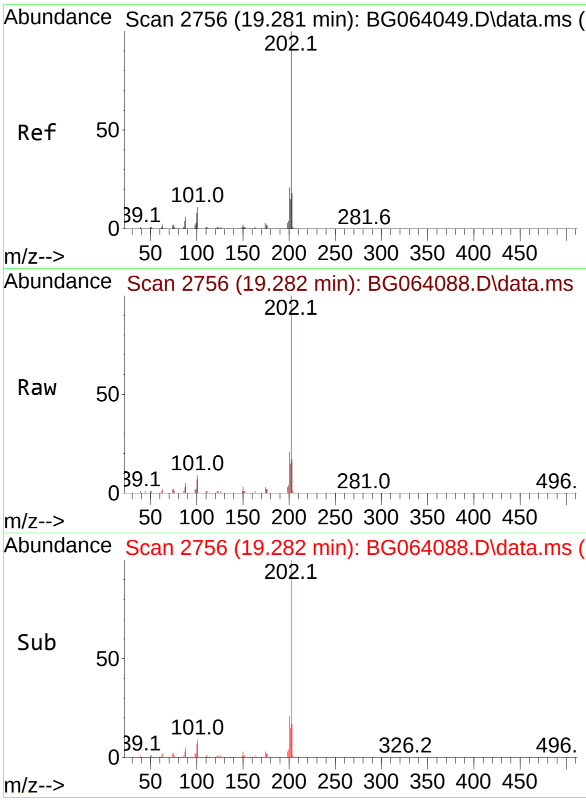
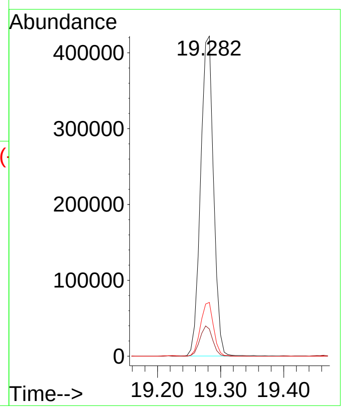
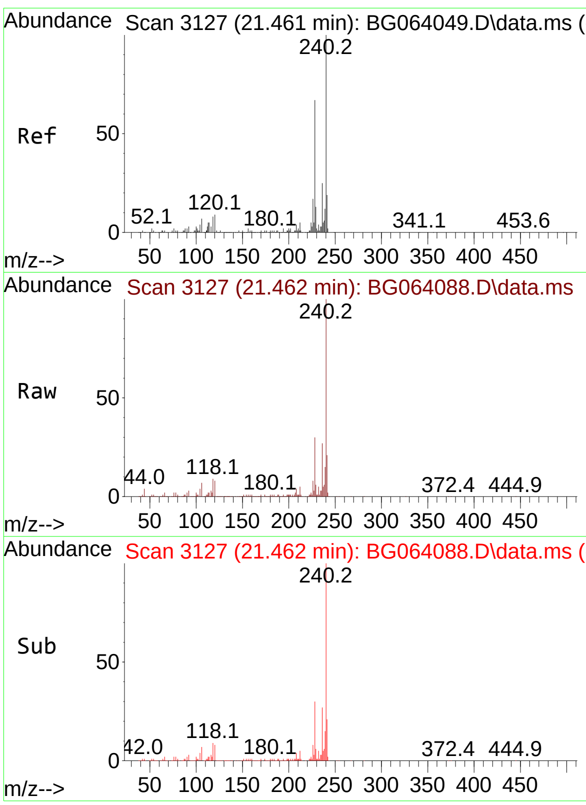


#75
Fluoranthene
Concen: 40.298 ng
RT: 19.282 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:202 Resp: 60013

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.5
203	16.8	0.0	38.3

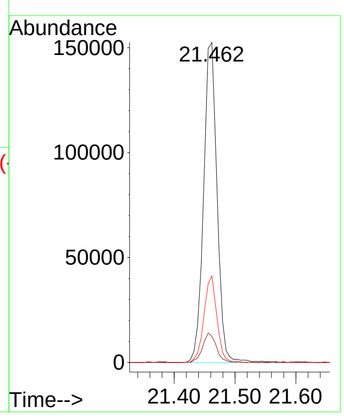


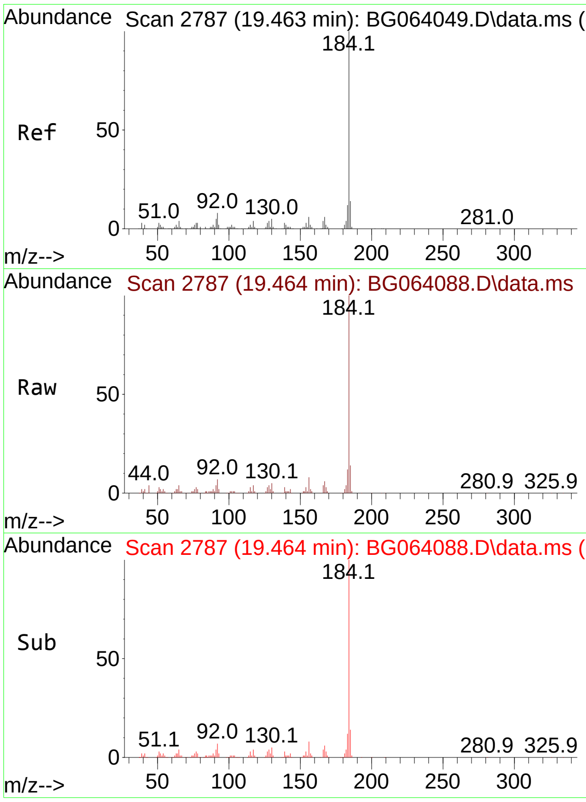


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3127
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:240 Resp: 235698

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.2	10.8
236	27.0	20.2	30.2





#77
Benzidine
Concen: 43.706 ng
RT: 19.464 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 14264

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.3	16.9
183	12.3	9.5	14.3

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Reviewed By :Anahy Claudio 03/12/2025
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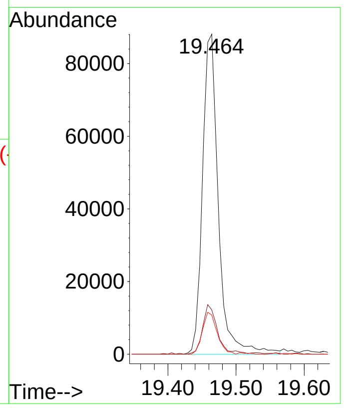
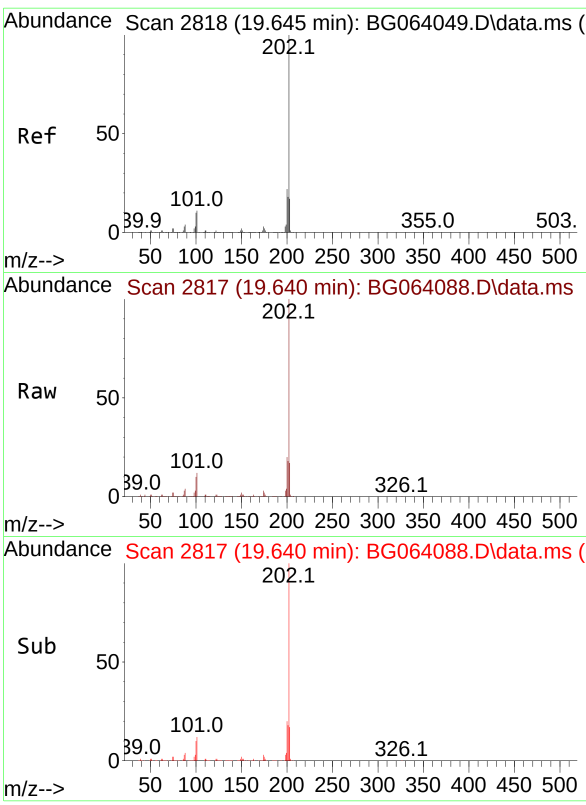
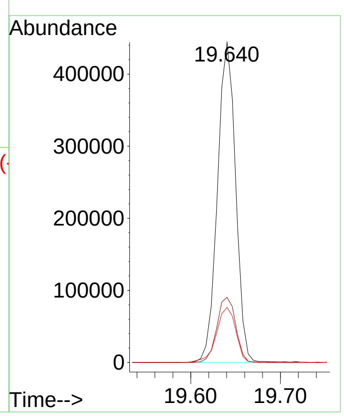


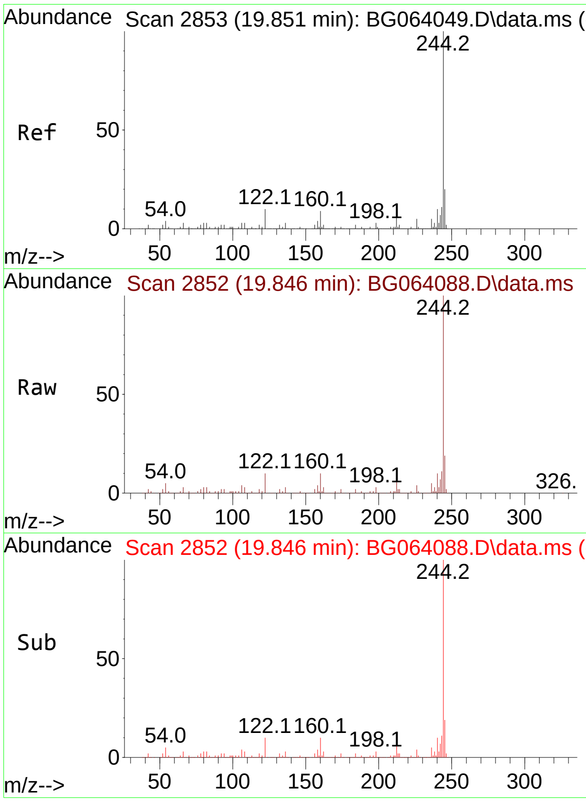


#78
Pyrene
Concen: 41.212 ng
RT: 19.640 min Scan# 2817
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:202 Resp: 626162

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.3	25.9
203	17.2	13.6	20.4





#79
Terphenyl-d14
Concen: 81.699 ng
RT: 19.846 min Scan# 28
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

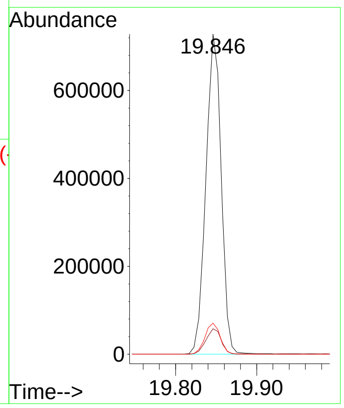
Tgt Ion:244 Resp: 95233(

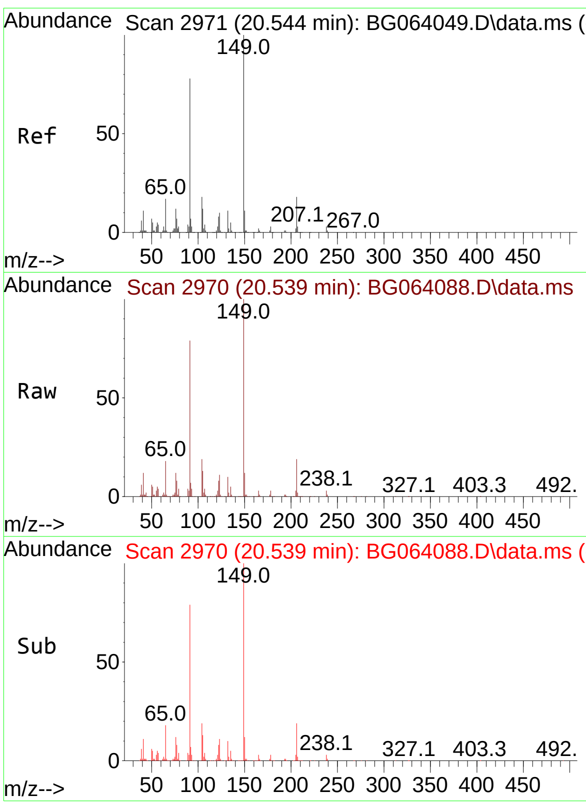
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.4
122	9.7	8.0	12.0

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

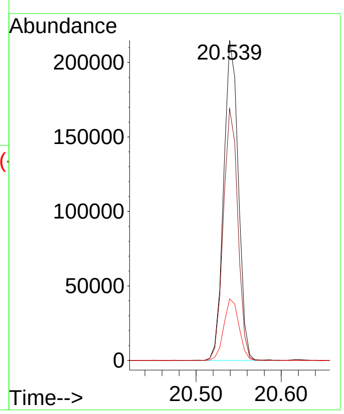




#80
Butylbenzylphthalate
Concen: 45.377 ng
RT: 20.539 min Scan# 2970
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:149 Resp: 257480

Ion	Ratio	Lower	Upper
149	100		
91	78.7	62.0	93.0
206	19.3	14.6	21.8



Instrument : BNA_G
ClientSampleId : SSTDCCC040

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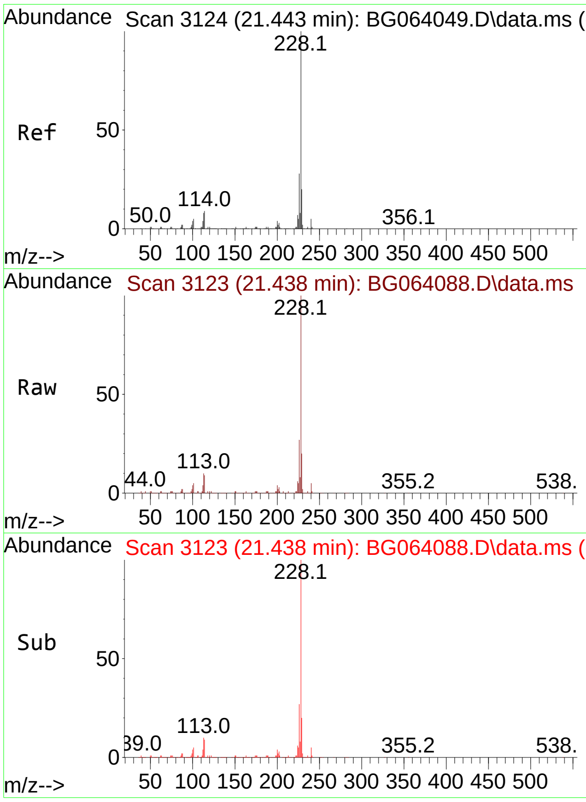
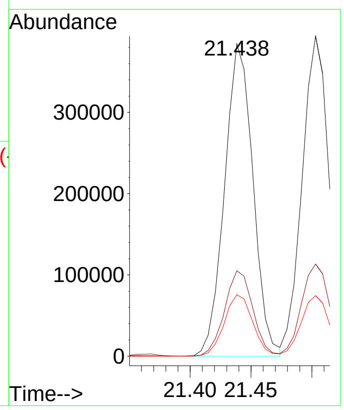
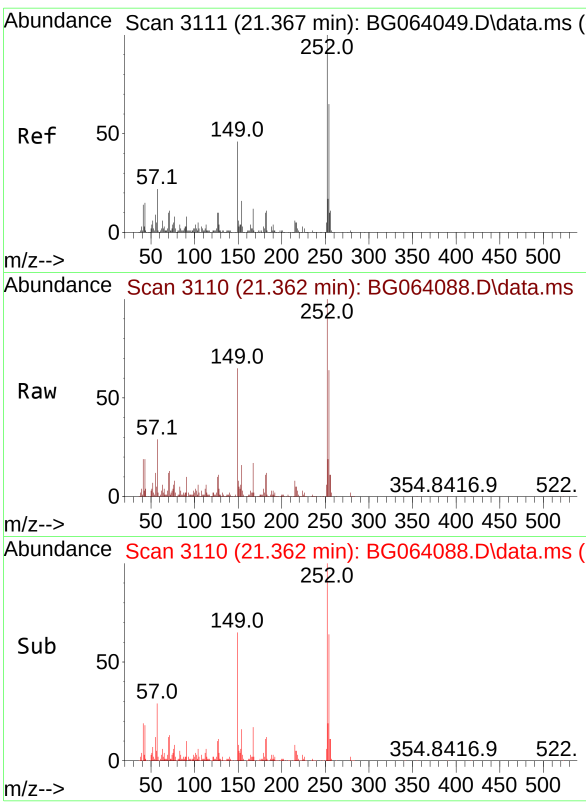


#81
Benzo(a)anthracene
Concen: 41.443 ng
RT: 21.438 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:228 Resp: 62570

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.2
229	19.7	16.4	24.6

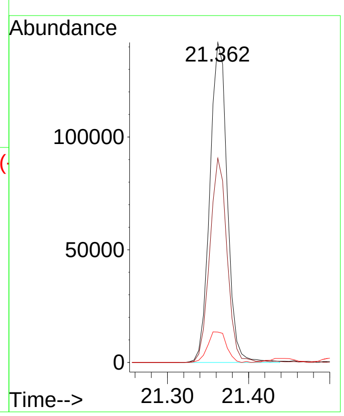




#82
3,3'-Dichlorobenzidine
Concen: 43.303 ng
RT: 21.362 min Scan# 3110
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:252 Resp: 211593

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.1	78.1
126	9.5	7.8	11.8



Sample Results: **BG064088.D**

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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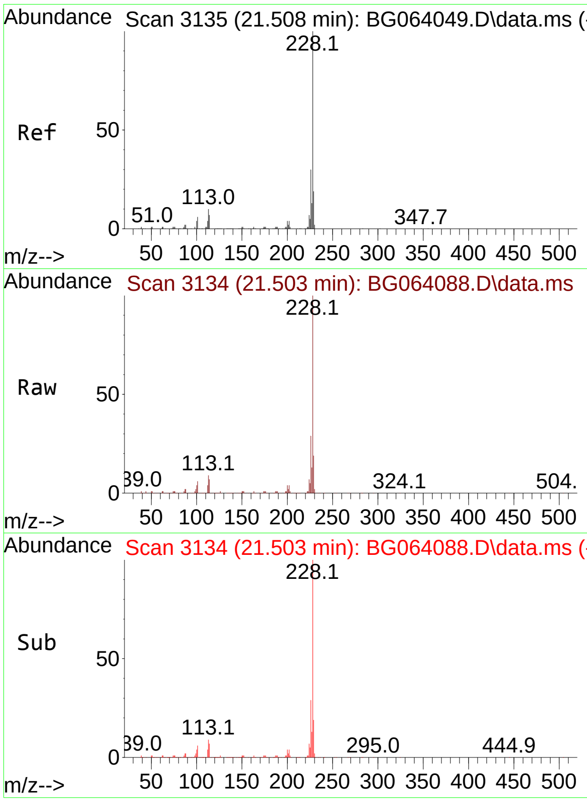
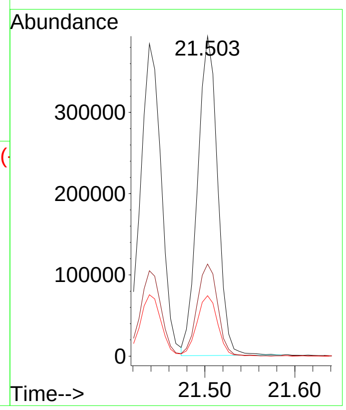
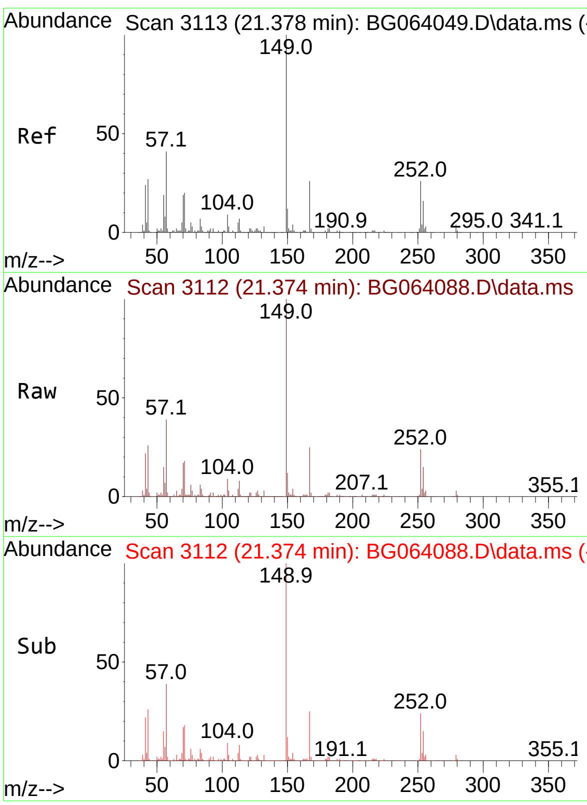


#83
Chrysene
Concen: 40.444 ng
RT: 21.503 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:228 Resp: 60901

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	18.9	15.3	22.9

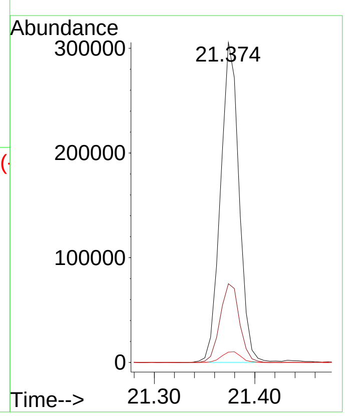




#84
Bis(2-ethylhexyl)phthalate
Concen: 48.030 ng
RT: 21.374 min Scan# 3112
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

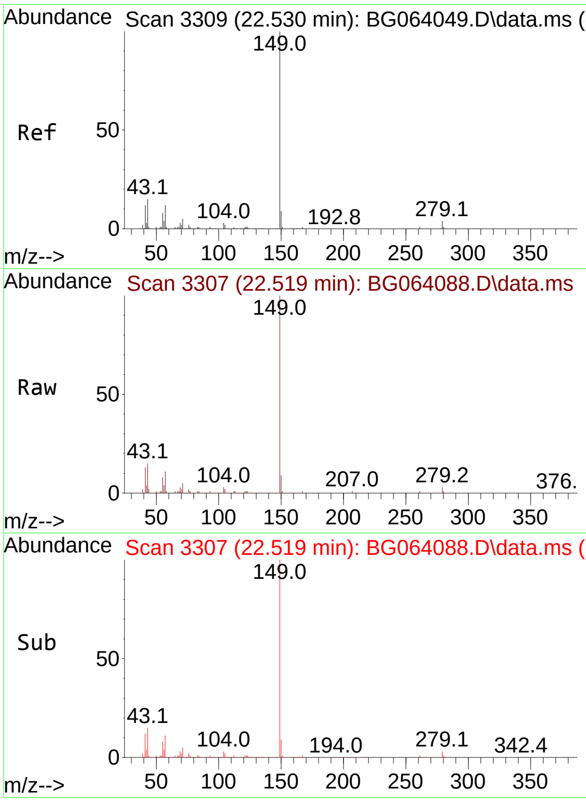
Tgt Ion:149 Resp: 392178

Ion	Ratio	Lower	Upper
149	100		
167	24.6	21.0	31.6
279	3.3	2.8	4.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

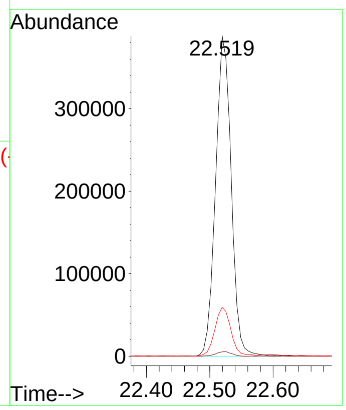
Manual Integrations
APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

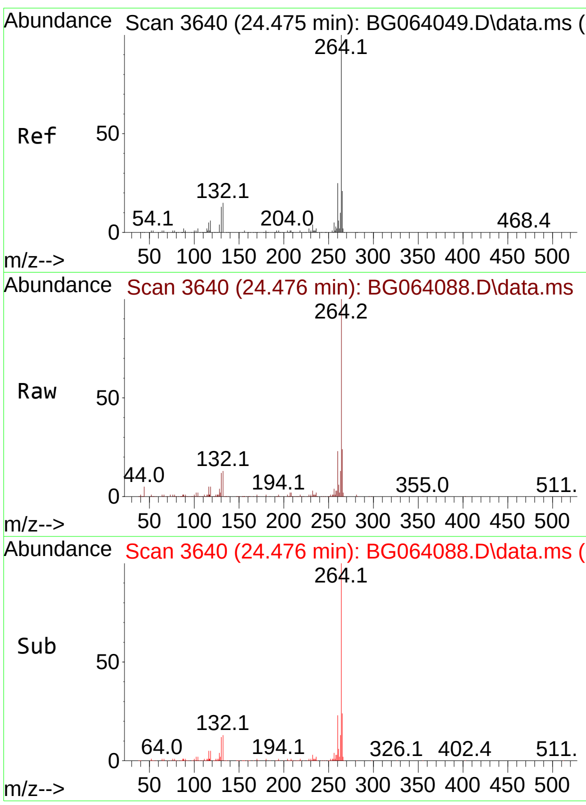


#85
Di-n-octyl phthalate
Concen: 47.385 ng
RT: 22.519 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:149 Resp: 66737

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	15.7	12.6	19.0

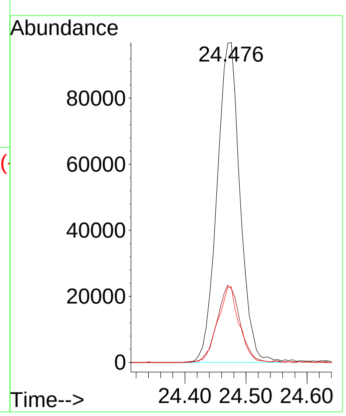




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.476 min Scan# 3640
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:264 Resp: 254547

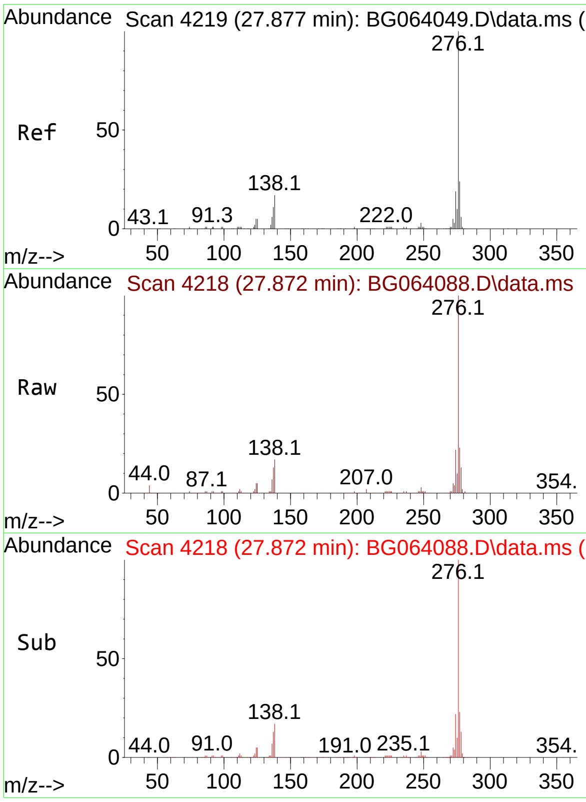
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	23.6	16.6	25.0



Sample Results: **BG064088.D**

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

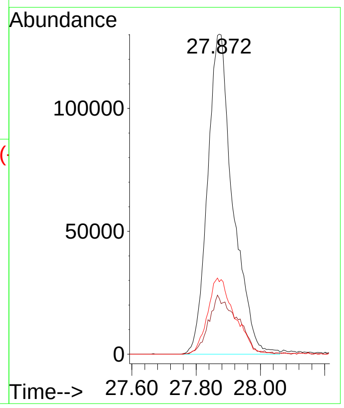
Manual Integrations
APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

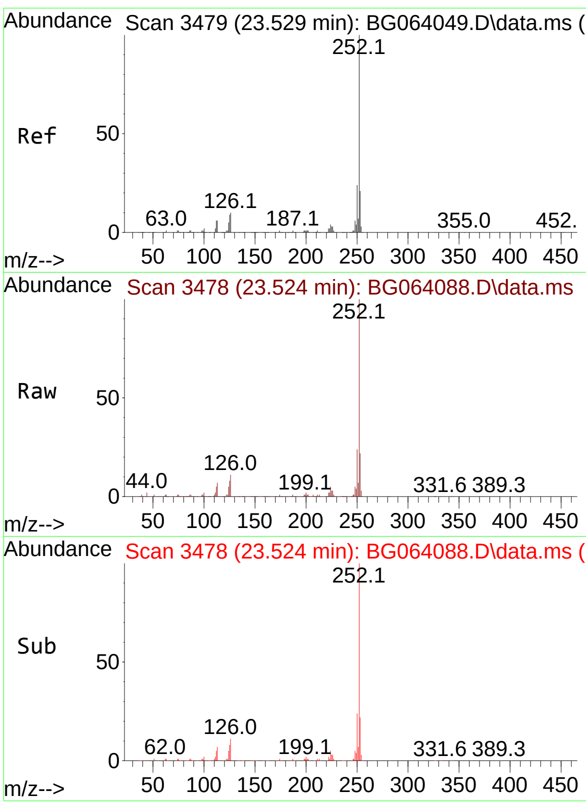


#87
Indeno(1,2,3-cd)pyrene
Concen: 41.914 ng
RT: 27.872 min Scan# 4
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:276 Resp: 71384

Ion	Ratio	Lower	Upper
276	100		
138	20.6	12.1	18.1#
277	25.3	20.0	30.0

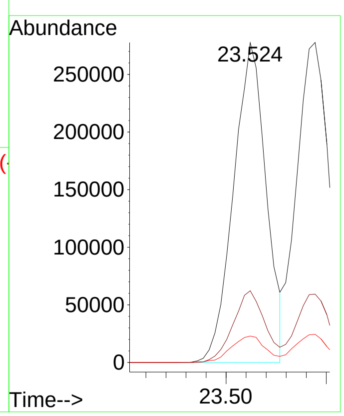




#88
Benzo(b)fluoranthene
Concen: 40.718 ng
RT: 23.524 min Scan# 3478
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:252 Resp: 626576

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	8.2	7.4	11.2



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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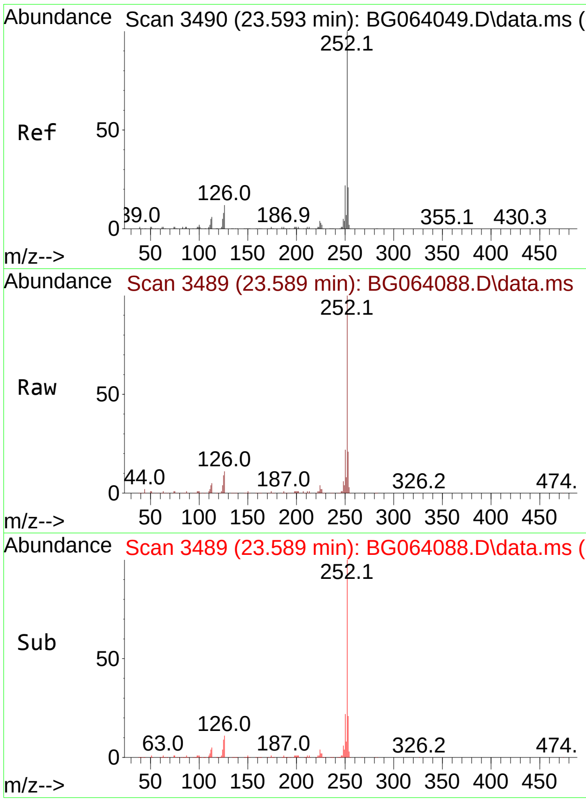
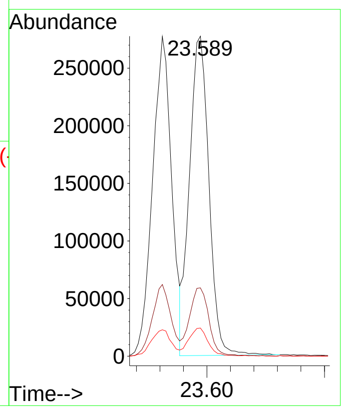
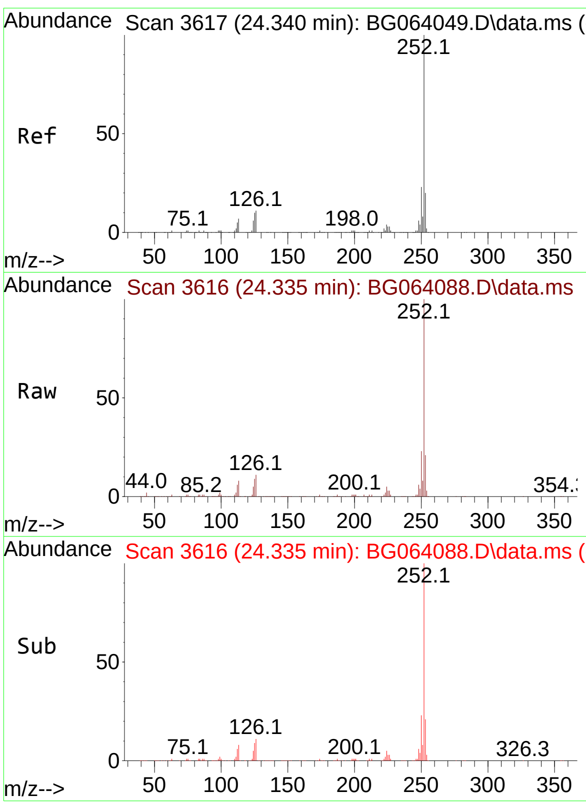


#89
Benzo(k)fluoranthene
Concen: 41.340 ng
RT: 23.589 min Scan# 34
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:252 Resp: 63818

Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.8	25.2
125	8.8	6.9	10.3

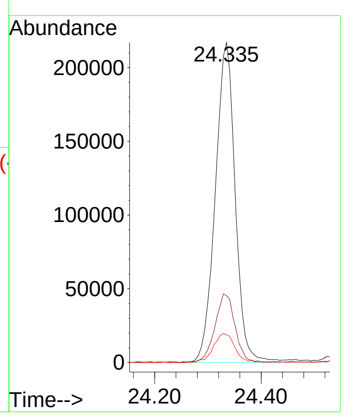


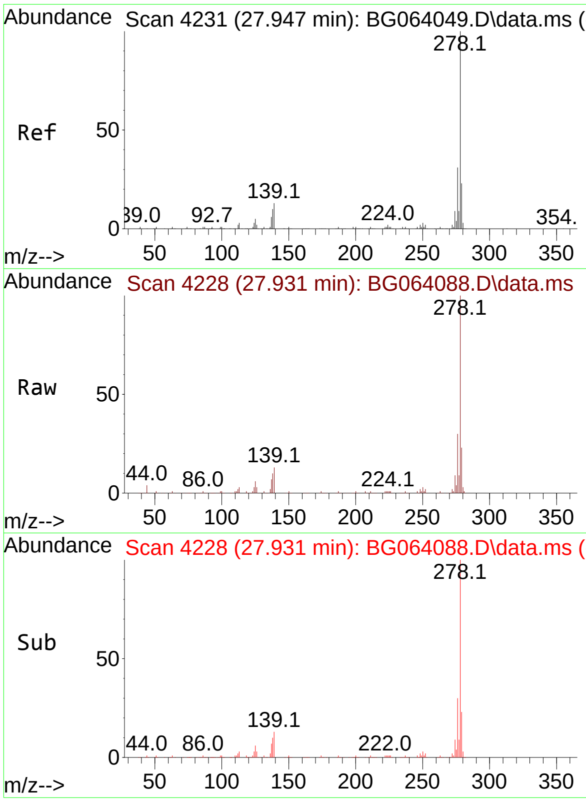


#90
Benzo(a)pyrene
Concen: 41.085 ng
RT: 24.335 min Scan# 3616
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:252 Resp: 563063

Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.2	24.2
125	8.6	7.8	11.6



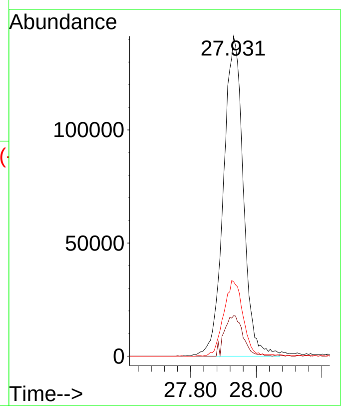


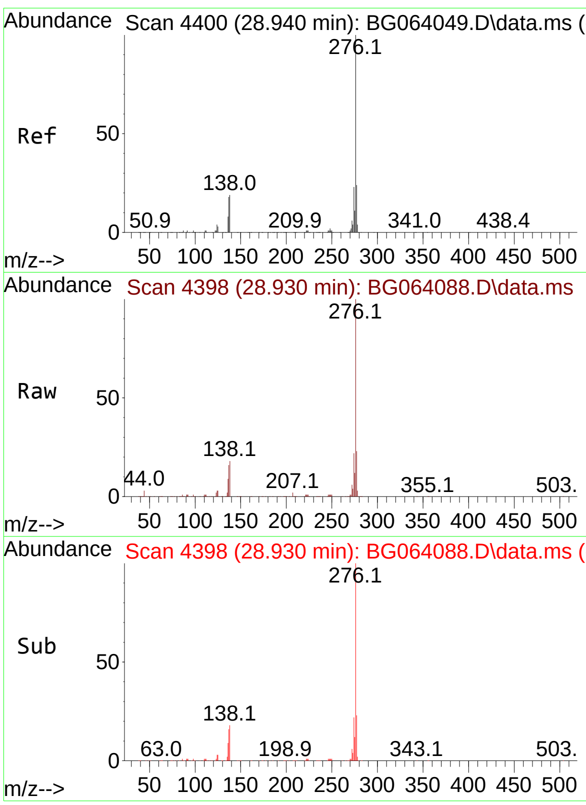

```
#91
Dibenzo(a,h)anthracene
Concen:   42.048 ng
RT:  27.931 min  Scan# 4
Delta R.T.   -0.016 min
Lab File:   BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:278 Resp:  59369
Ion  Ratio  Lower  Upper
278  100
139   12.7   10.2   15.2
279   23.3   18.1   27.1
```

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

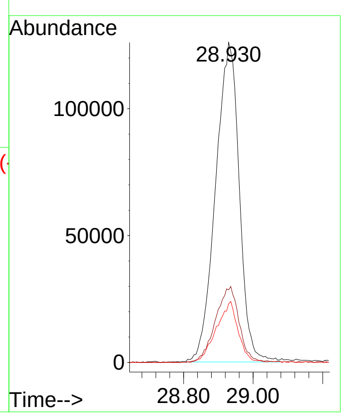
Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025






```
#92
Benzo(g,h,i)perylene
Concen:   41.225 ng
RT:  28.930 min  Scan# 4398
Delta R.T.   -0.010 min
Lab File:   BG064088.D
Acq: 11 Mar 2025   9:44

Tgt Ion:276 Resp:  597623
Ion  Ratio  Lower  Upper
276  100
277   22.7   19.5   29.3
138   18.4   15.4   23.0
```



Sample Results: **BG064088.D**

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064088.D
Acq On    : 11 Mar 2025   9:44
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 11 10:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	99	0.00
2		1,4-Dioxane	0.580	0.531	8.4	90	0.00
3		Pyridine	1.412	1.414	-0.1	89	0.00
4		n-Nitrosodimethylamine	1.009	1.033	-2.4	96	0.00
5	S	2-Fluorophenol	1.281	1.365	-6.6	100	0.00
6		Aniline	1.710	1.735	-1.5	94	0.00
7	S	Phenol-d6	1.742	1.862	-6.9	100	0.00
8		2-Chlorophenol	1.376	1.492	-8.4	102	0.00
9		Benzaldehyde	1.013	0.887	12.4	88	0.00
10	C	Phenol	1.784	1.873	-5.0	99	0.00
11		bis(2-Chloroethyl)ether	1.399	1.406	-0.5	98	0.00
12		1,3-Dichlorobenzene	1.511	1.535	-1.6	98	0.00
13	C	1,4-Dichlorobenzene	1.548	1.556	-0.5	97	0.00
14		1,2-Dichlorobenzene	1.493	1.526	-2.2	99	0.00
15		Benzyl Alcohol	1.346	1.497	-11.2	103	0.00
16		2,2'-oxybis(1-Chloropropane	3.145	3.105	1.3	94	-0.01
17		2-Methylphenol	1.184	1.257	-6.2	98	0.00
18		Hexachloroethane	0.542	0.597	-10.1	102	0.00
19	P	n-Nitroso-di-n-propylamine	1.223	1.283	-4.9	96	0.00
20		3+4-Methylphenols	1.630	1.689	-3.6	98	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	95	0.00
22		Acetophenone	0.548	0.554	-1.1	93	0.00
23	S	Nitrobenzene-d5	0.362	0.415	-14.6	102	0.00
24		Nitrobenzene	0.374	0.408	-9.1	97	0.00
25		Isophorone	0.724	0.725	-0.1	92	0.00
26	C	2-Nitrophenol	0.112	0.157	-40.2#	122	0.00
27		2,4-Dimethylphenol	0.217	0.232	-6.9	96	0.00
28		bis(2-Chloroethoxy)methane	0.439	0.444	-1.1	95	0.00
29	C	2,4-Dichlorophenol	0.274	0.312	-13.9	103	0.00
30		1,2,4-Trichlorobenzene	0.331	0.337	-1.8	96	0.00
31		Naphthalene	1.078	1.108	-2.8	97	0.00
32		Benzoic acid	0.170	0.220	-29.4#	121	0.00
33		4-Chloroaniline	0.394	0.411	-4.3	94	0.00
34	C	Hexachlorobutadiene	0.217	0.225	-3.7	97	0.00
35		Caprolactam	0.105	0.109	-3.8	94	0.00
36	C	4-Chloro-3-methylphenol	0.359	0.385	-7.2	98	0.00
37		2-Methylnaphthalene	0.761	0.789	-3.7	98	0.00
38		1-Methylnaphthalene	0.746	0.772	-3.5	97	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00
40		1,2,4,5-Tetrachlorobenzene	0.571	0.587	-2.8	96	0.00
41	P	Hexachlorocyclopentadiene	0.161	0.226	-40.4#	124	0.00
42	S	2,4,6-Tribromophenol	0.222	0.252	-13.5	100	0.00
43	C	2,4,6-Trichlorophenol	0.337	0.376	-11.6	101	0.00
44		2,4,5-Trichlorophenol	0.374	0.426	-13.9	100	0.00
45	S	2-Fluorobiphenyl	1.318	1.366	-3.6	96	0.00
46		1,1'-Biphenyl	1.511	1.572	-4.0	98	0.00
47		2-Chloronaphthalene	1.102	1.118	-1.5	95	0.00

Sample Results: **BG064088.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064088.D
Acq On    : 11 Mar 2025   9:44
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 11 10:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration
```

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

```
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	0.318	0.392	-23.3	108	0.00
49		Acenaphthylene	1.743	1.791	-2.8	96	0.00
50		Dimethylphthalate	1.476	1.471	0.3	93	0.00
51		2,6-Dinitrotoluene	0.261	0.321	-23.0	105	0.00
52	C	Acenaphthene	1.170	1.183	-1.1	95	0.00
53		3-Nitroaniline	0.285	0.314	-10.2	95	0.00
54	P	2,4-Dinitrophenol	0.102	0.140	-37.3#	133	0.00
55		Dibenzofuran	1.895	1.916	-1.1	94	0.00
56	P	4-Nitrophenol	0.239	0.270	-13.0	100	0.00
57		2,4-Dinitrotoluene	0.357	0.430	-20.4	102	0.00
58		Fluorene	1.476	1.473	0.2	95	0.00
59		2,3,4,6-Tetrachlorophenol	0.365	0.390	-6.8	94	0.00
60		Diethylphthalate	1.603	1.588	0.9	91	0.00
61		4-Chlorophenyl-phenylether	0.733	0.726	1.0	94	0.00
62		4-Nitroaniline	0.308	0.329	-6.8	91	0.00
63		Azobenzene	1.710	1.657	3.1	90	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	89	0.00
65		4,6-Dinitro-2-methylphenol	0.076	0.109	-43.4#	131	0.00
66	c	n-Nitrosodiphenylamine	0.566	0.608	-7.4	94	0.00
67		4-Bromophenyl-phenylether	0.205	0.226	-10.2	96	0.00
68		Hexachlorobenzene	0.229	0.240	-4.8	94	0.00
69		Atrazine	0.167	0.147	12.0	82	0.00
70	C	Pentachlorophenol	0.142	0.163	-14.8	98	0.00
71		Phenanthrene	1.067	1.114	-4.4	92	0.00
72		Anthracene	1.061	1.105	-4.1	91	0.00
73		Carbazole	0.990	1.018	-2.8	89	0.00
74		Di-n-butylphthalate	1.166	1.283	-10.0	91	0.00
75	C	Fluoranthene	1.286	1.296	-0.8	88	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	86	0.00
77		Benzidine	0.277	0.303	-9.4	83	0.00
78		Pyrene	1.289	1.328	-3.0	88	0.00
79	S	Terphenyl-d14	0.989	1.010	-2.1	87	0.00
80		Butylbenzylphthalate	0.423	0.546	-29.1#	102	0.00
81		Benzo(a)anthracene	1.281	1.327	-3.6	88	0.00
82		3,3'-Dichlorobenzidine	0.415	0.449	-8.2	86	0.00
83		Chrysene	1.278	1.292	-1.1	85	0.00
84		Bis(2-ethylhexyl)phthalate	0.693	0.832	-20.1	95	0.00
85	c	Di-n-octyl phthalate	1.195	1.416	-18.5	99	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	88	0.00
87		Indeno(1,2,3-cd)pyrene	1.338	1.402	-4.8	90	0.00
88		Benzo(b)fluoranthene	1.209	1.231	-1.8	89	0.00
89		Benzo(k)fluoranthene	1.213	1.254	-3.4	88	0.00
90	C	Benzo(a)pyrene	1.077	1.106	-2.7	88	0.00
91		Dibenzo(a,h)anthracene	1.109	1.166	-5.1	90	-0.02
92		Benzo(g,h,i)perylene	1.139	1.174	-3.1	89	-0.01

Sample Results: **BG064088.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064088.D
Acq On    : 11 Mar 2025   9:44
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 11 10:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration
```

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

```
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
```

Sample Results: **BG064088.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064088.D
Acq On : 11 Mar 2025 9:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Mar 11 10:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	99	0.00
2		1,4-Dioxane	40.000	36.567	8.6	90	0.00
3		Pyridine	40.000	40.069	-0.2	89	0.00
4		n-Nitrosodimethylamine	40.000	40.969	-2.4	96	0.00
5	S	2-Fluorophenol	80.000	85.232	-6.5	100	0.00
6		Aniline	40.000	40.598	-1.5	94	0.00
7	S	Phenol-d6	80.000	85.497	-6.9	100	0.00
8		2-Chlorophenol	40.000	43.370	-8.4	102	0.00
9		Benzaldehyde	40.000	35.008	12.5	88	0.00
10	C	Phenol	40.000	42.000	-5.0	99	0.00
11		bis(2-Chloroethyl)ether	40.000	40.197	-0.5	98	0.00
12		1,3-Dichlorobenzene	40.000	40.650	-1.6	98	0.00
13	C	1,4-Dichlorobenzene	40.000	40.208	-0.5	97	0.00
14		1,2-Dichlorobenzene	40.000	40.878	-2.2	99	0.00
15		Benzyl Alcohol	40.000	44.475	-11.2	103	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.490	1.3	94	-0.01
17		2-Methylphenol	40.000	42.472	-6.2	98	0.00
18		Hexachloroethane	40.000	44.043	-10.1	102	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.970	-4.9	96	0.00
20		3+4-Methylphenols	40.000	41.441	-3.6	98	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	95	0.00
22		Acetophenone	40.000	40.381	-1.0	93	0.00
23	S	Nitrobenzene-d5	80.000	91.628	-14.5	102	0.00
24		Nitrobenzene	40.000	43.651	-9.1	97	0.00
25		Isophorone	40.000	40.011	-0.0	92	0.00
26	C	2-Nitrophenol	40.000	48.562	-21.4#	122	0.00
27		2,4-Dimethylphenol	40.000	42.768	-6.9	96	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.441	-1.1	95	0.00
29	C	2,4-Dichlorophenol	40.000	45.506	-13.8	103	0.00
30		1,2,4-Trichlorobenzene	40.000	40.730	-1.8	96	0.00
31		Naphthalene	40.000	41.085	-2.7	97	0.00
32		Benzoic acid	40.000	44.805	-12.0	121	0.00
33		4-Chloroaniline	40.000	41.691	-4.2	94	0.00
34	C	Hexachlorobutadiene	40.000	41.411	-3.5	97	0.00
35		Caprolactam	40.000	41.425	-3.6	94	0.00
36	C	4-Chloro-3-methylphenol	40.000	42.818	-7.0	98	0.00
37		2-Methylnaphthalene	40.000	41.466	-3.7	98	0.00
38		1-Methylnaphthalene	40.000	41.381	-3.5	97	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	96	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.097	-2.7	96	0.00
41	P	Hexachlorocyclopentadiene	40.000	56.172	-40.4#	124	0.00
42	S	2,4,6-Tribromophenol	80.000	90.780	-13.5	100	0.00
43	C	2,4,6-Trichlorophenol	40.000	44.744	-11.9	101	0.00
44		2,4,5-Trichlorophenol	40.000	45.545	-13.9	100	0.00
45	S	2-Fluorobiphenyl	80.000	82.956	-3.7	96	0.00
46		1,1'-Biphenyl	40.000	41.605	-4.0	98	0.00
47		2-Chloronaphthalene	40.000	40.562	-1.4	95	0.00

Sample Results: **BG064088.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064088.D
Acq On : 11 Mar 2025 9:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Mar 11 10:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	43.674	-9.2	108	0.00
49	Acenaphthylene	40.000	41.092	-2.7	96	0.00
50	Dimethylphthalate	40.000	39.848	0.4	93	0.00
51	2,6-Dinitrotoluene	40.000	43.275	-8.2	105	0.00
52 C	Acenaphthene	40.000	40.452	-1.1	95	0.00
53	3-Nitroaniline	40.000	43.958	-9.9	95	0.00
54 P	2,4-Dinitrophenol	40.000	48.212	-20.5	133	0.00
55	Dibenzofuran	40.000	40.446	-1.1	94	0.00
56 P	4-Nitrophenol	40.000	45.112	-12.8	100	0.00
57	2,4-Dinitrotoluene	40.000	42.134	-5.3	102	0.00
58	Fluorene	40.000	39.931	0.2	95	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.741	-6.9	94	0.00
60	Diethylphthalate	40.000	39.625	0.9	91	0.00
61	4-Chlorophenyl-phenylether	40.000	39.577	1.1	94	0.00
62	4-Nitroaniline	40.000	42.778	-6.9	91	0.00
63	Azobenzene	40.000	38.749	3.1	90	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	89	0.00
65	4,6-Dinitro-2-methylphenol	40.000	50.140	-25.4#	131	0.00
66 c	n-Nitrosodiphenylamine	40.000	42.928	-7.3	94	0.00
67	4-Bromophenyl-phenylether	40.000	44.225	-10.6	96	0.00
68	Hexachlorobenzene	40.000	41.892	-4.7	94	0.00
69	Atrazine	40.000	35.215	12.0	82	0.00
70 C	Pentachlorophenol	40.000	45.869	-14.7	98	0.00
71	Phenanthrene	40.000	41.776	-4.4	92	0.00
72	Anthracene	40.000	41.684	-4.2	91	0.00
73	Carbazole	40.000	41.099	-2.7	89	0.00
74	Di-n-butylphthalate	40.000	44.019	-10.0	91	0.00
75 C	Fluoranthene	40.000	40.298	-0.7	88	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	86	0.00
77	Benzidine	40.000	43.706	-9.3	83	0.00
78	Pyrene	40.000	41.212	-3.0	88	0.00
79 S	Terphenyl-d14	80.000	81.699	-2.1	87	0.00
80	Butylbenzylphthalate	40.000	45.377	-13.4	102	0.00
81	Benzo(a)anthracene	40.000	41.443	-3.6	88	0.00
82	3,3'-Dichlorobenzidine	40.000	43.303	-8.3	86	0.00
83	Chrysene	40.000	40.444	-1.1	85	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	48.030	-20.1	95	0.00
85 c	Di-n-octyl phthalate	40.000	47.385	-18.5	99	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	88	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.914	-4.8	90	0.00
88	Benzo(b)fluoranthene	40.000	40.718	-1.8	89	0.00
89	Benzo(k)fluoranthene	40.000	41.340	-3.4	88	0.00
90 C	Benzo(a)pyrene	40.000	41.085	-2.7	88	0.00
91	Dibenzo(a,h)anthracene	40.000	42.048	-5.1	90	-0.02
92	Benzo(g,h,i)perylene	40.000	41.225	-3.1	89	-0.01

Sample Results: **BG064088.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064088.D
Acq On    : 11 Mar 2025   9:44
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Mar 11 10:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration
```

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

```
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
```

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QC SAMPLE DATA

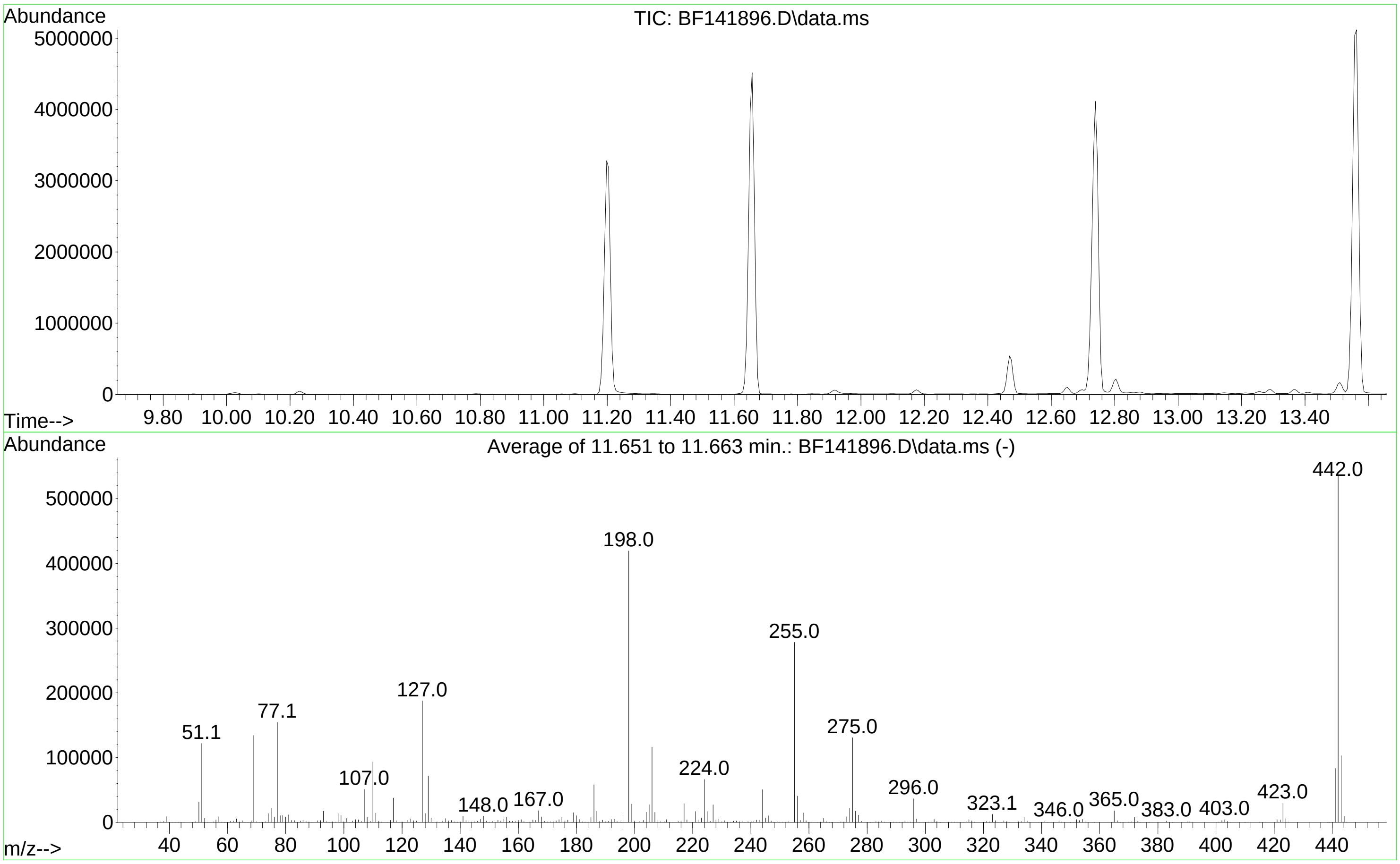
Sample Results: **BF141896.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141896.D
Acq On : 10 Mar 2025 10:31
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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Mar 10 15:46:22 2025



AutoFind: Scans 1625, 1626, 1627; Background Corrected with Scan 1617

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	29.1	121957	PASS
68	69	0.00	2	1.9	2599	PASS
69	198	0.00	100	32.0	134239	PASS
70	69	0.00	2	0.7	949	PASS
127	198	10	80	44.8	187627	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	419221	PASS
199	198	5	9	6.7	28280	PASS
275	198	10	60	31.2	130819	PASS
365	198	1	100	4.2	17803	PASS
441	198	0.01	100	19.9	83389	PASS
442	442	50	100	100.0	536640	PASS
443	442	15	24	19.2	102888	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
3/10/2025	BNA_F	BF141896.D
Compound Name	Response	Retention Time
DDT	1358235	13.562
DDD	20094	13.292
DDE	930	12.921
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
21024	1379259	1.52

Instrument :
BNA_F
ClientSampleId :
DFTPP

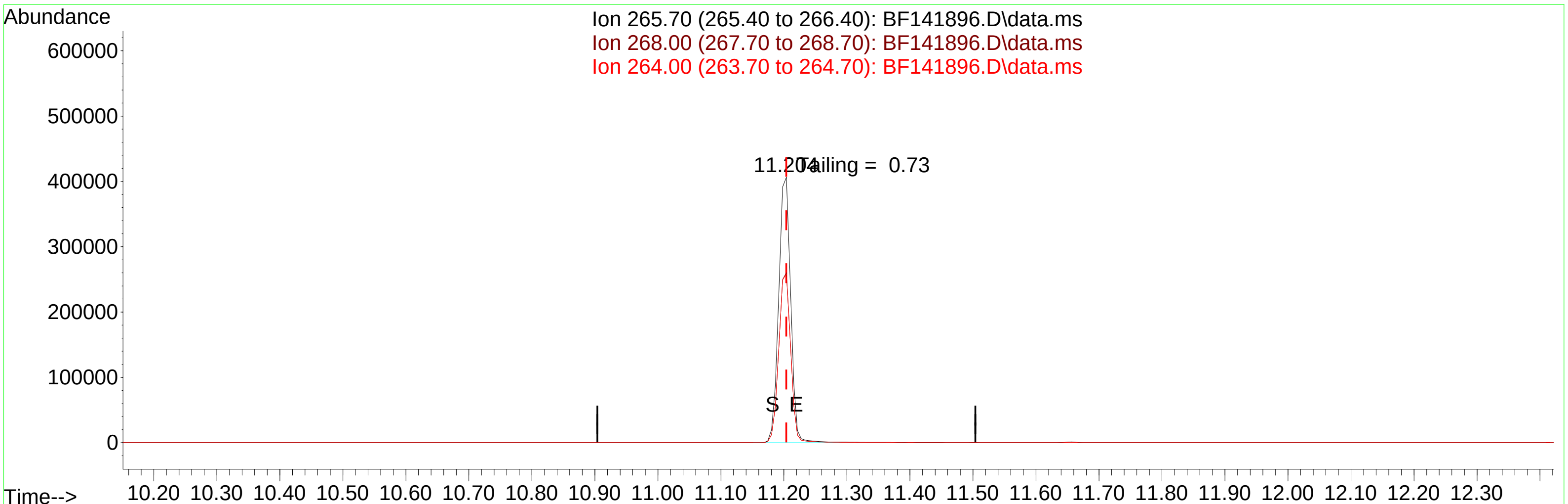
Quantitation Report (Qedit)

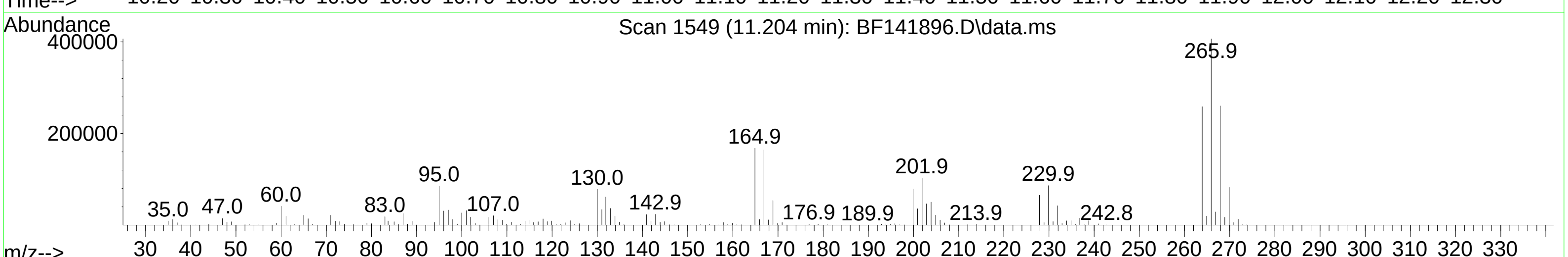
Sample Results: **BF141896.D**

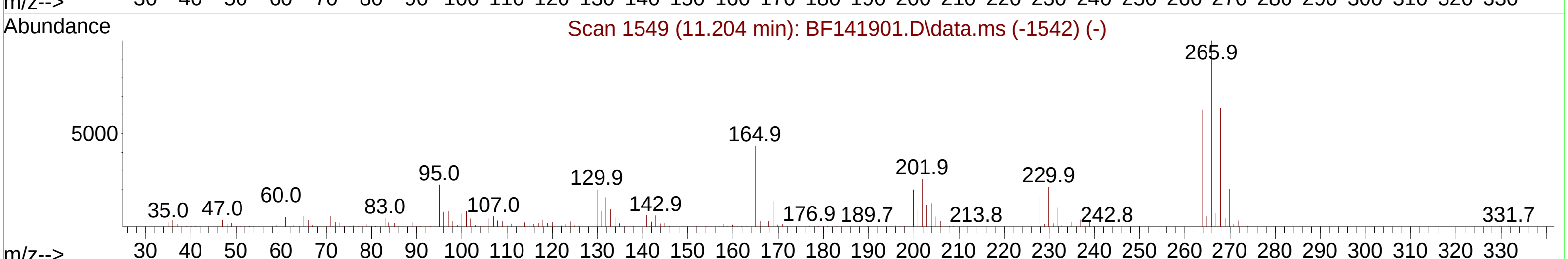
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141896.D
Acq On    : 10 Mar 2025  10:31
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Mar 10 16:16:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration
```

Instrument :
BNA_F
ClientSampleId :
DFTPP







TIC: BF141896.D\data.ms

(70) Pentachlorophenol (C)

11.204min (-0.000) 118650.09 ng

response 544757

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	64.05
264.00	62.70	63.55
0.00	0.00	0.00

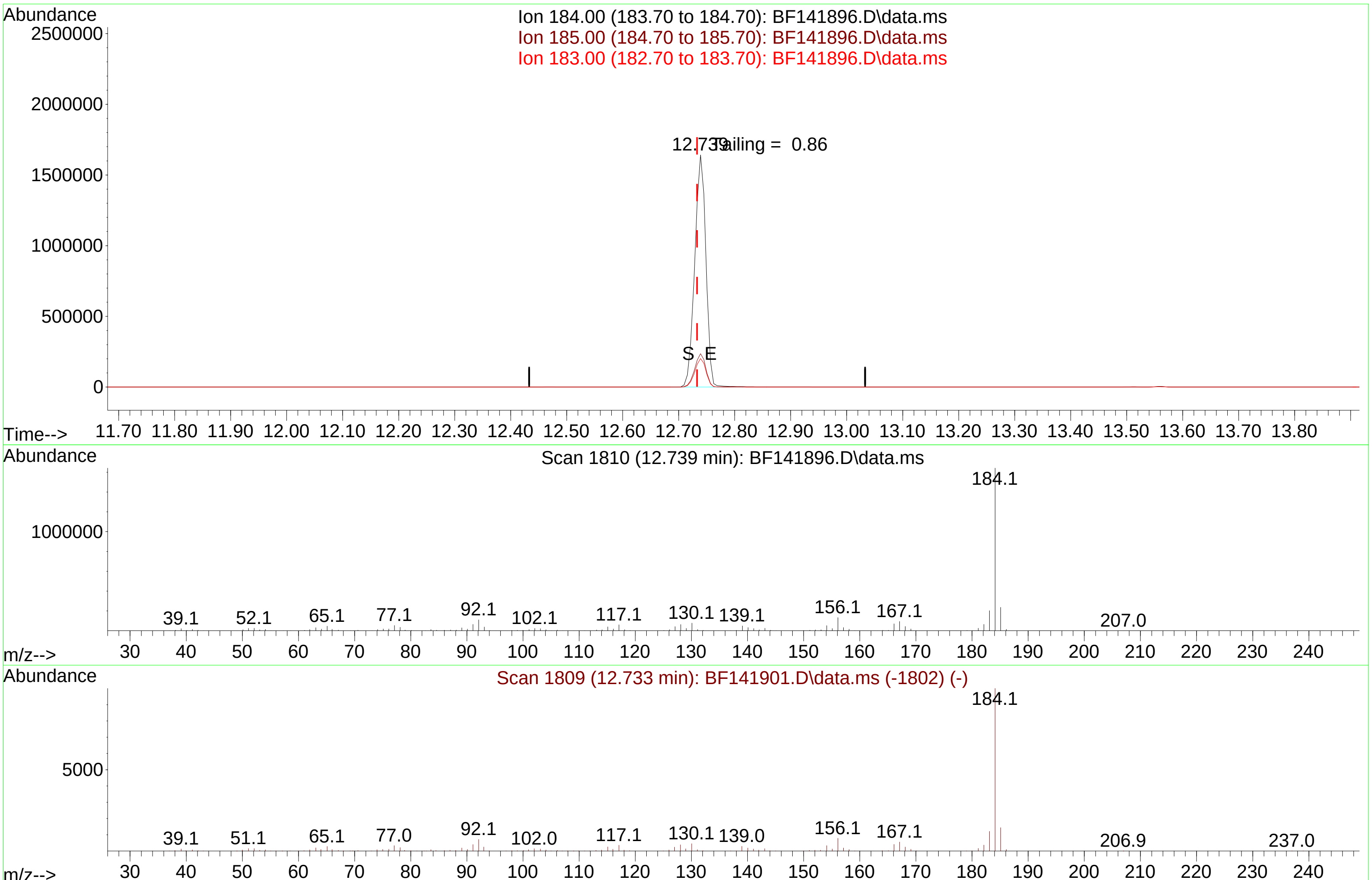
Quantitation Report (Qedit)

Sample Results: **BF141896.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141896.D
Acq On    : 10 Mar 2025  10:31
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Mar 10 16:16:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration
```

Instrument :
BNA_F
ClientSampleId :
DFTPP



TIC: BF141896.D\data.ms

(77) Benzidine

12.739min (+ 0.006) 203796.44 ng

response 2274676

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.38
183.00	12.10	12.32
0.00	0.00	0.00

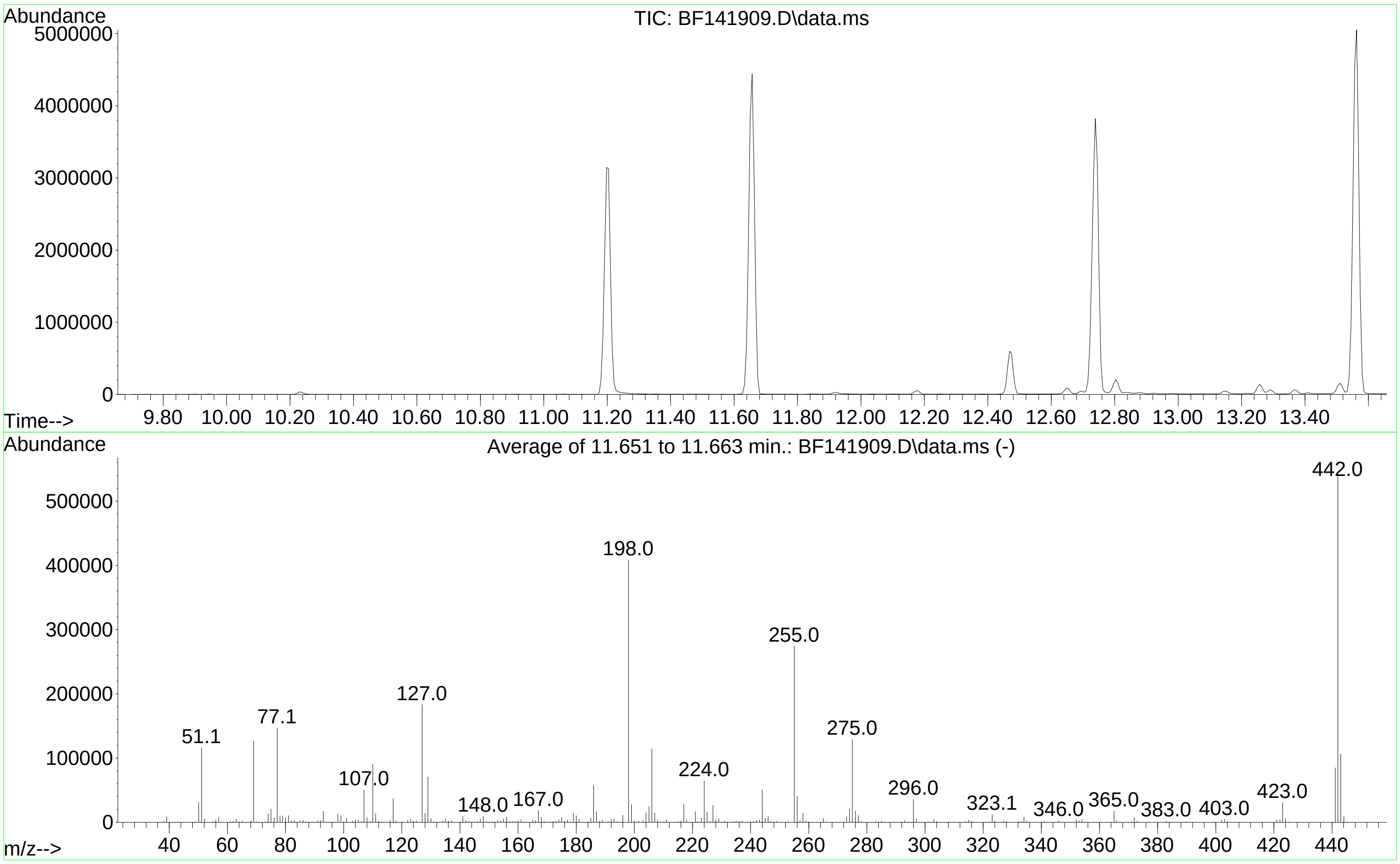
Sample Results: **BF141909.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141909.D
Acq On    : 11 Mar 2025  10:52
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Integration File: rteint.p

Method    : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Title     : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update  : Mon Mar 10 15:46:22 2025
```

Instrument :
BNA_F
ClientSampleId :
DFTPP



AutoFind: Scans 1625, 1626, 1627; Background Corrected with Scan 1617

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	28.4	116181	PASS
68	69	0.00	2	2.0	2472	PASS
69	198	0.00	100	31.0	126608	PASS
70	69	0.00	2	0.7	857	PASS
127	198	10	80	44.9	183360	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	408427	PASS
199	198	5	9	6.7	27544	PASS
275	198	10	60	31.7	129467	PASS
365	198	1	100	4.3	17493	PASS
441	198	0.01	100	20.8	84915	PASS
442	442	50	100	100.0	540757	PASS
443	442	15	24	19.7	106656	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
3/11/2025	BNA_F	BF141909.D
Compound Name	**Response**	**Retention Time**
DDT	1316072	13.562
DDD	45139	13.257
DDE	1601	12.921
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
46740	1362812	3.43

Instrument : BNA_F
ClientSampleId : DFTPP

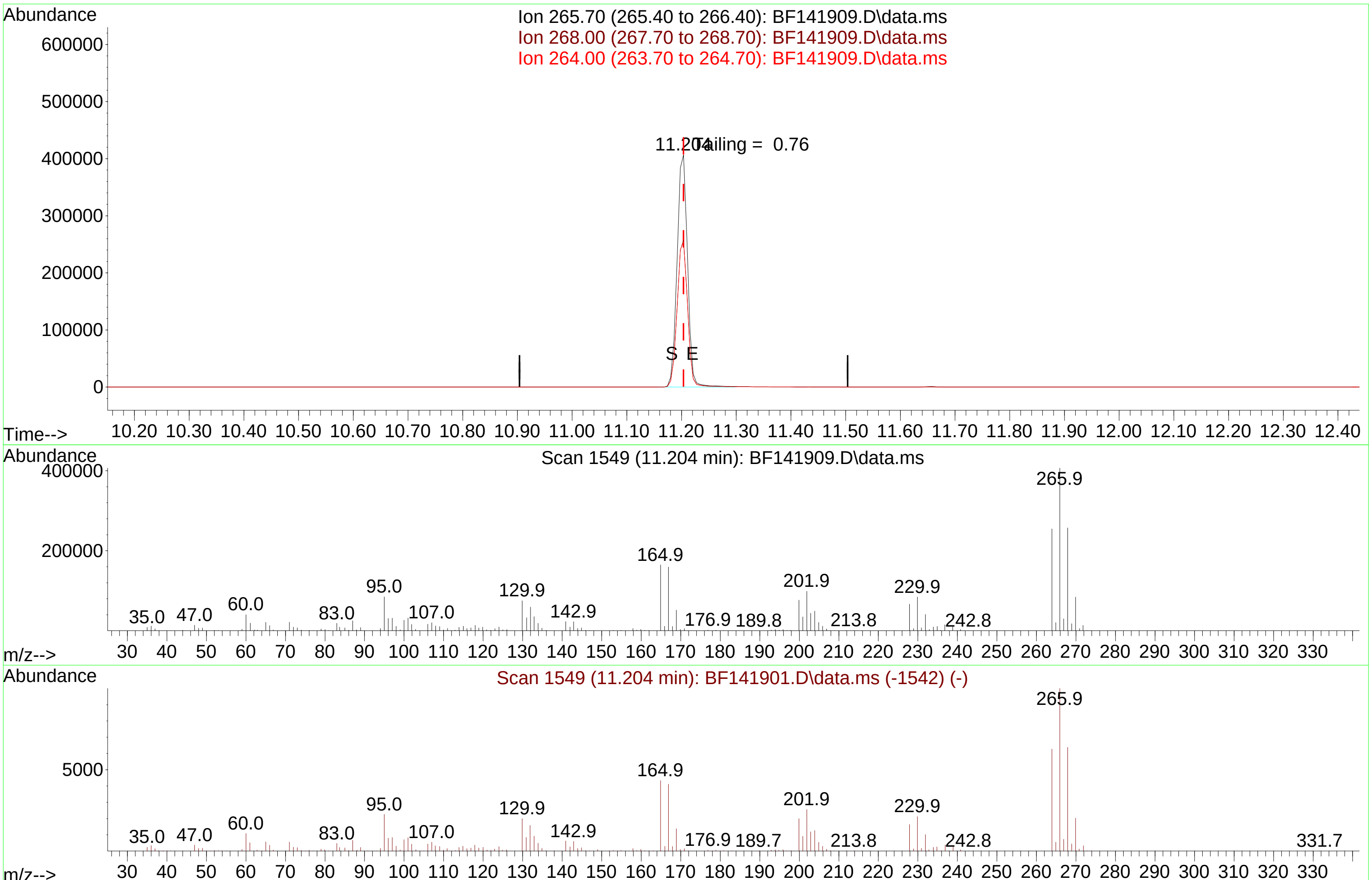
Quantitation Report (Qedit)

Sample Results: **BF141909.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141909.D
Acq On    : 11 Mar 2025  10:52
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Mar 11 12:35:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration
```

Instrument :
BNA_F
ClientSampleId :
DFTPP



TIC: BF141909.D\data.ms

(70) Pentachlorophenol (C)

11.204min (-0.000) 72528.27 ng

response 545354

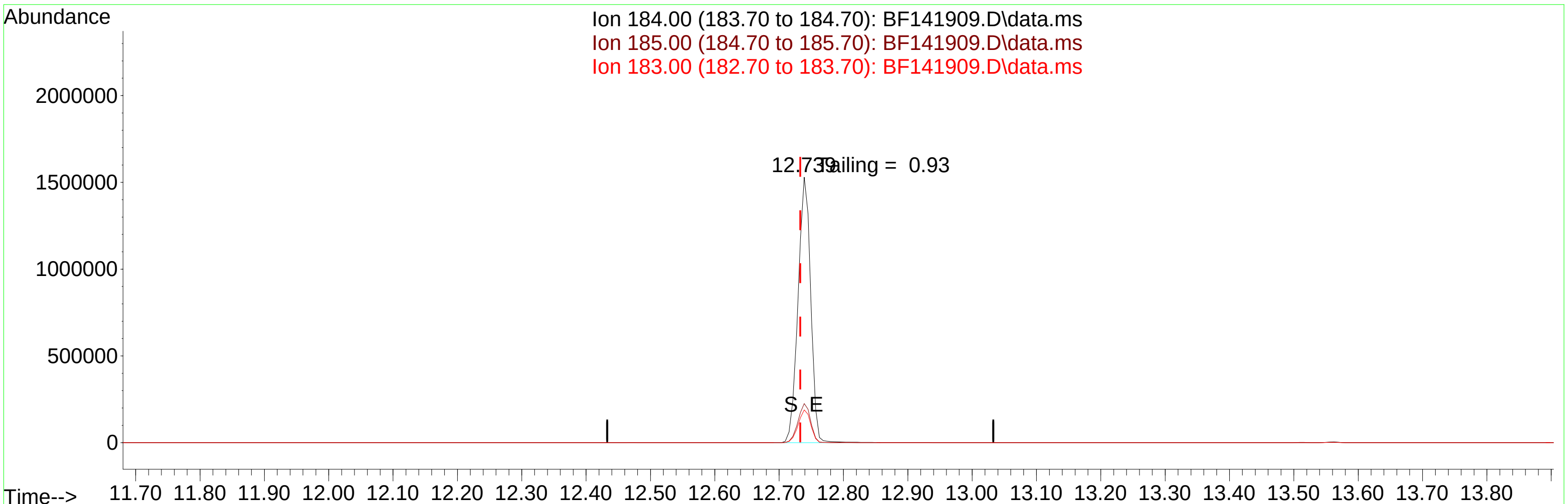
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	63.26
264.00	62.70	62.63
0.00	0.00	0.00

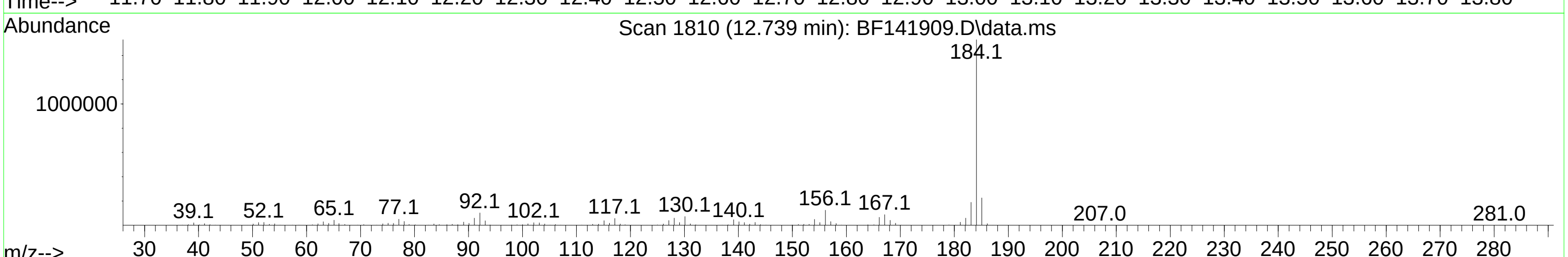
Sample Results: **BF141909.D**

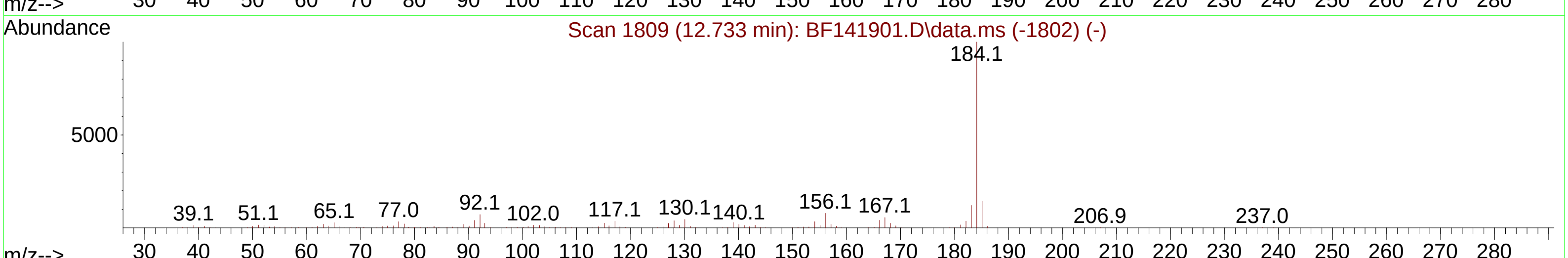
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141909.D
Acq On : 11 Mar 2025 10:52
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Mar 11 12:35:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration







TIC: BF141909.D\data.ms

(77) Benzidine

12.739min (+ 0.006) 151707.91 ng

response 2103912

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.76
183.00	12.10	12.39
0.00	0.00	0.00

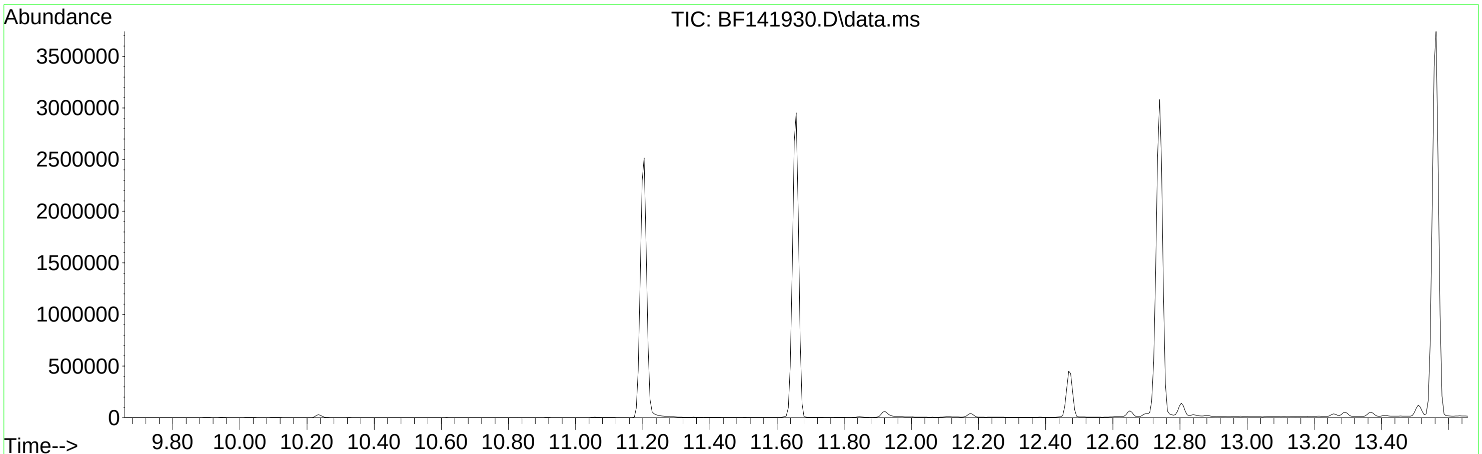
Sample Results: **BF141930.D**

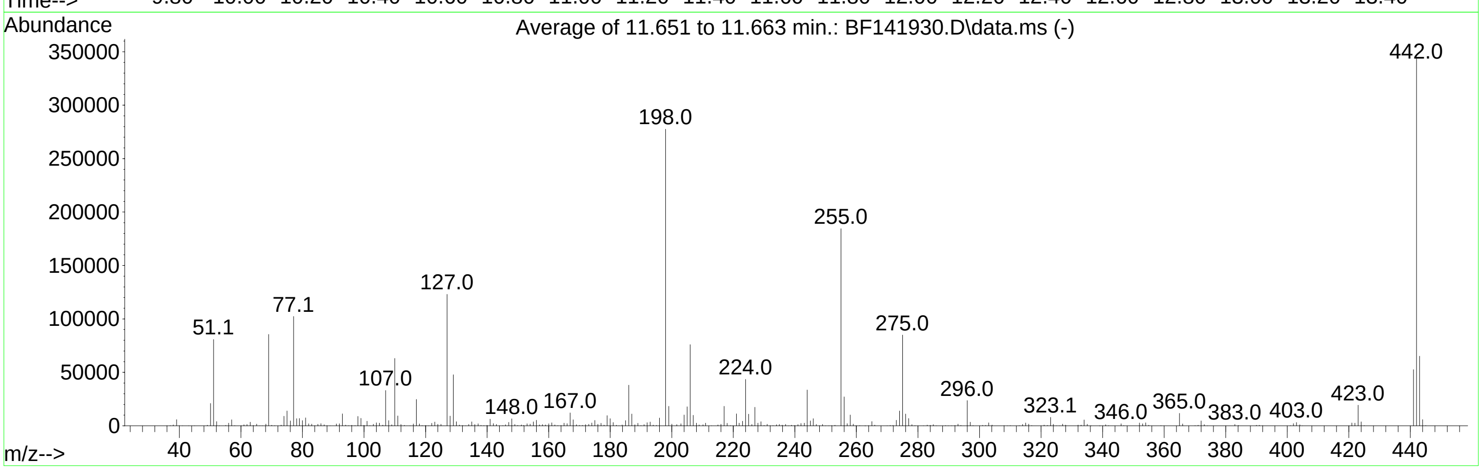
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141930.D
Acq On    : 12 Mar 2025  09:38
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Integration File: rteint.p

Method    : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Title     : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update  : Mon Mar 10 15:46:22 2025
```

Instrument :
BNA_F
ClientSampleId :
DFTPP





AutoFind: Scans 1625, 1626, 1627; Background Corrected with Scan 1618

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	29.1	80832	PASS
68	69	0.00	2	2.0	1697	PASS
69	198	0.00	100	30.8	85598	PASS
70	69	0.00	2	0.8	654	PASS
127	198	10	80	44.4	123117	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	277568	PASS
199	198	5	9	6.6	18257	PASS
275	198	10	60	30.6	84933	PASS
365	198	1	100	4.2	11734	PASS
441	198	0.01	100	18.9	52571	PASS
442	442	50	100	100.0	344533	PASS
443	442	15	24	18.9	65261	PASS

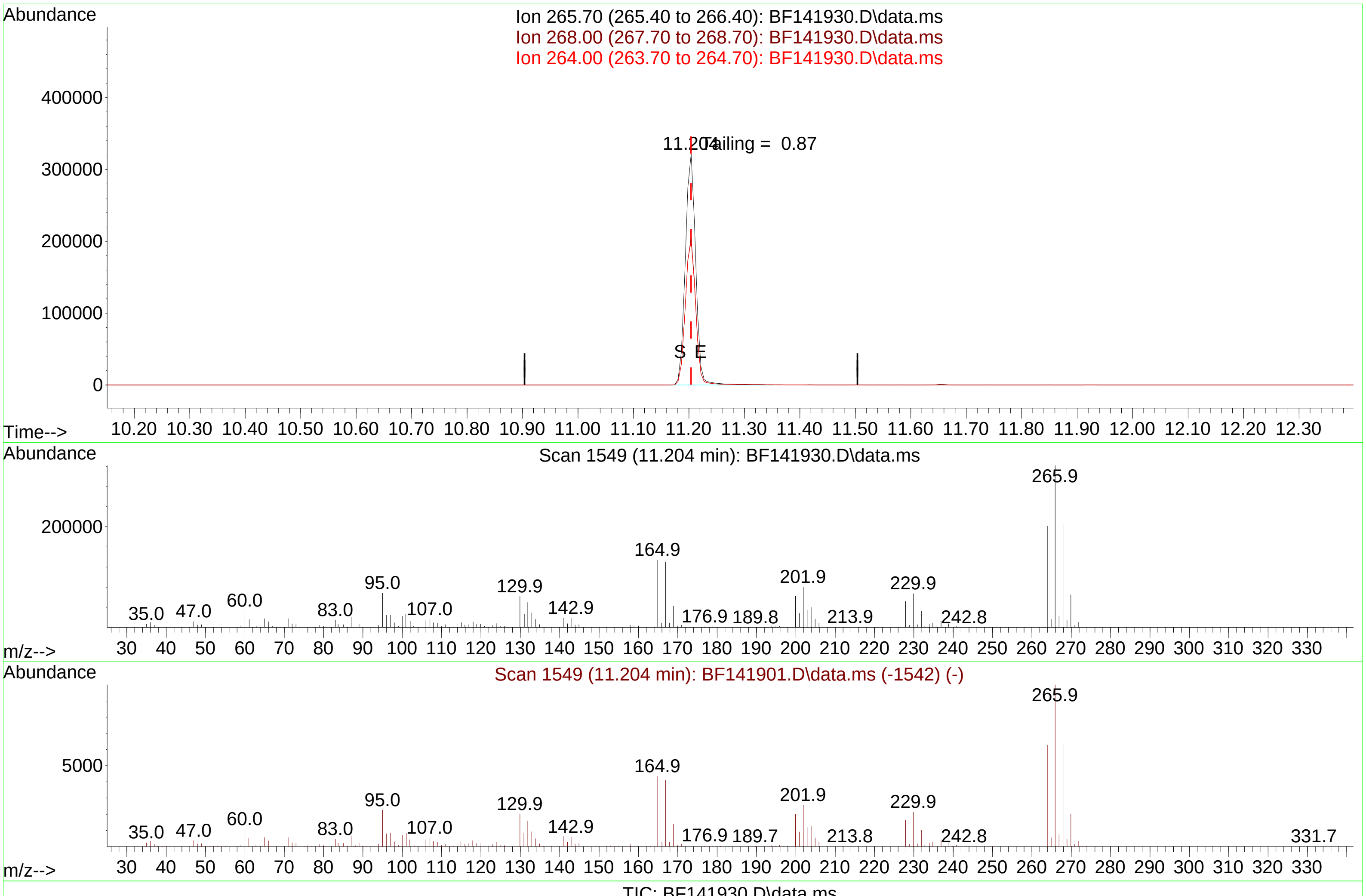
Quantitation Report (Qedit)

Sample Results: **BF141930.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141930.D
Acq On    : 12 Mar 2025  09:38
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Mar 12 12:20:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration
```

Instrument :
BNA_F
ClientSampleId :
DFTPP



TIC: BF141930.D\data.ms

(70) Pentachlorophenol (C)

11.204min (+ 0.000) 52450.63 ng

response 420204

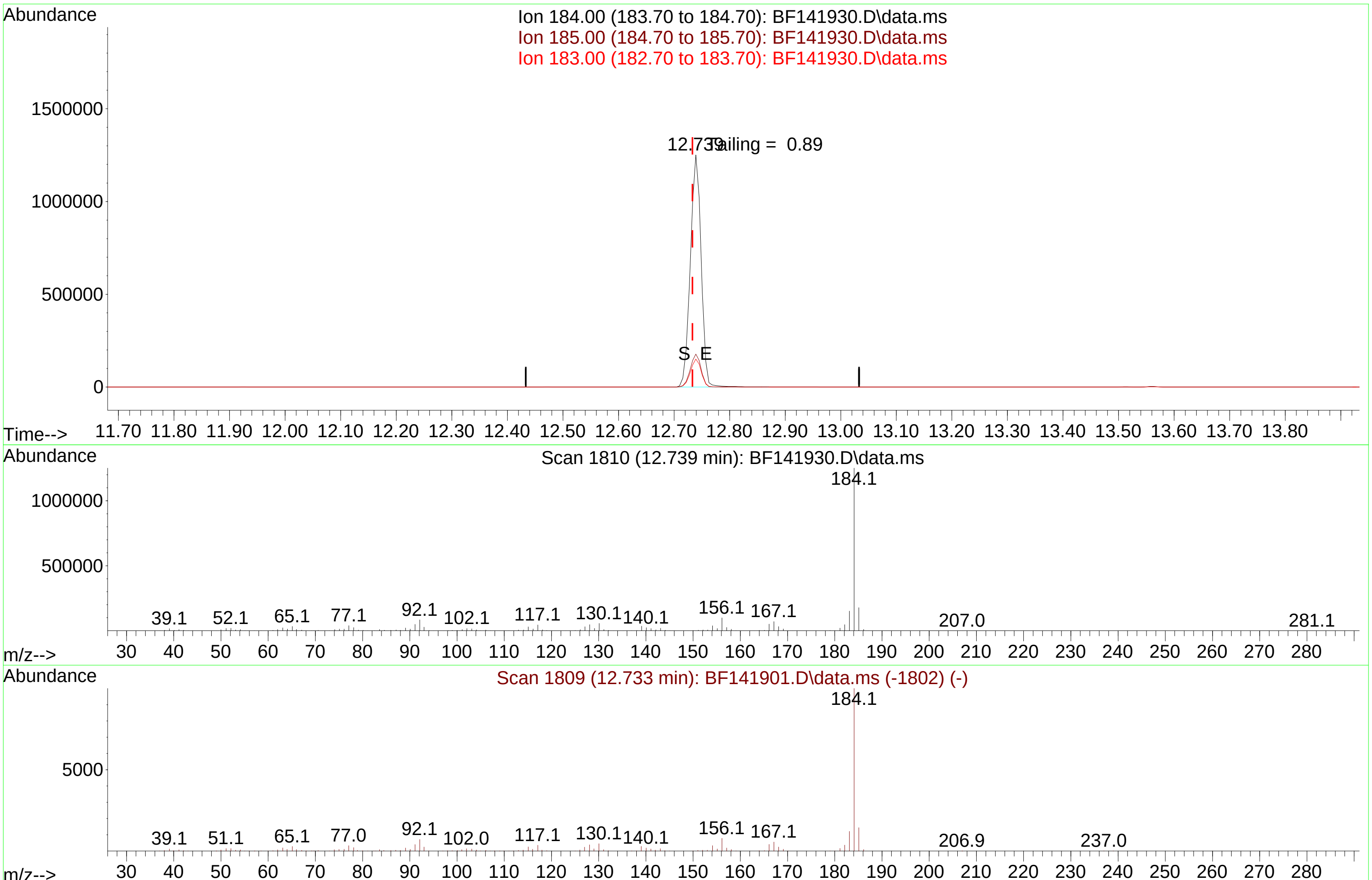
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	63.69
264.00	62.70	62.58
0.00	0.00	0.00

Sample Results: **BF141930.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141930.D
Acq On : 12 Mar 2025 09:38
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Mar 12 12:20:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



TIC: BF141930.D\data.ms

(77) Benzidine

12.739min (+ 0.006) 143344.46 ng

response 1699937

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.21
183.00	12.10	12.08
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
3/12/2025	BNA_F	BF141930.D
Compound Name	**Response**	**Retention Time**
DDT	971282	13.563
DDD	17643	13.292
DDE	640	12.927
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
18283	989565	1.85

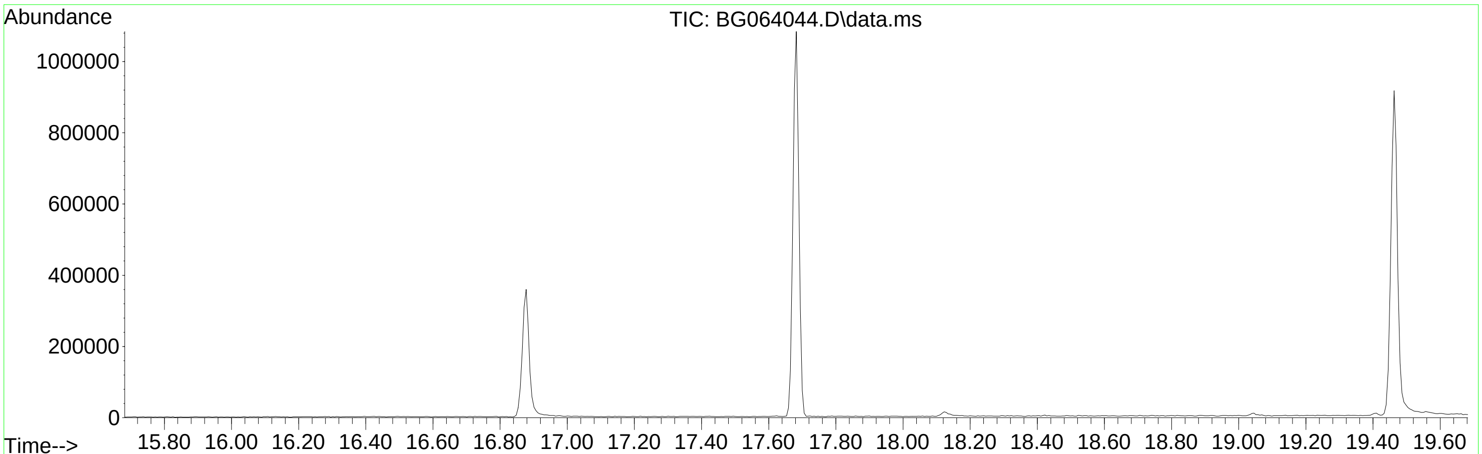
Sample Results: **BG064044.D**

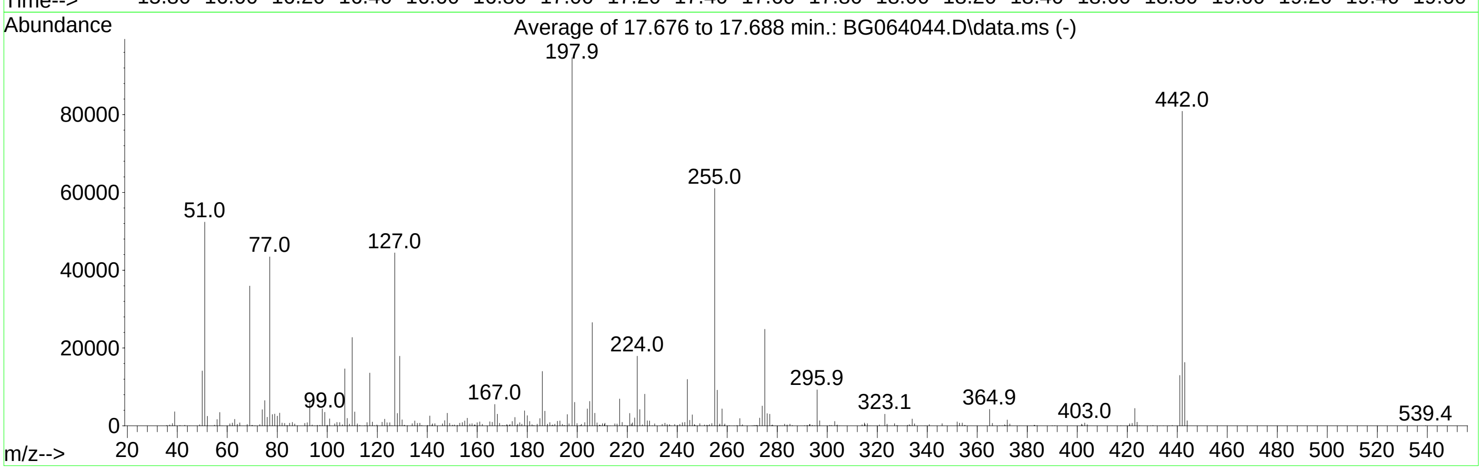
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064044.D
Acq On : 5 Mar 2025 8:15
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 05 15:39:19 2025





AutoFind: Scans 2483, 2484, 2485; Background Corrected with Scan 2476

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	55.3	52392	PASS
68	69	0.00	2	1.1	386	PASS
69	198	0.00	100	38.0	35944	PASS
70	69	0.00	2	0.5	177	PASS
127	198	10	80	47.0	44448	PASS
197	198	0.00	2	0.6	541	PASS
198	198	100	100	100.0	94661	PASS
199	198	5	9	6.4	6065	PASS
275	198	10	60	26.2	24824	PASS
365	198	1	100	4.5	4228	PASS
441	198	0.01	100	13.7	12975	PASS
442	442	50	100	100.0	80851	PASS
443	442	15	24	20.2	16317	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
3/5/2025	BNA_G	BG064044.D
Compound Name	**Response**	**Retention Time**
DDT	173171	20.702
DDD	5056	20.256
DDE	59	19.762
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
5115	178286	2.87

Instrument : BNA_G
ClientSampleId : DFTPP

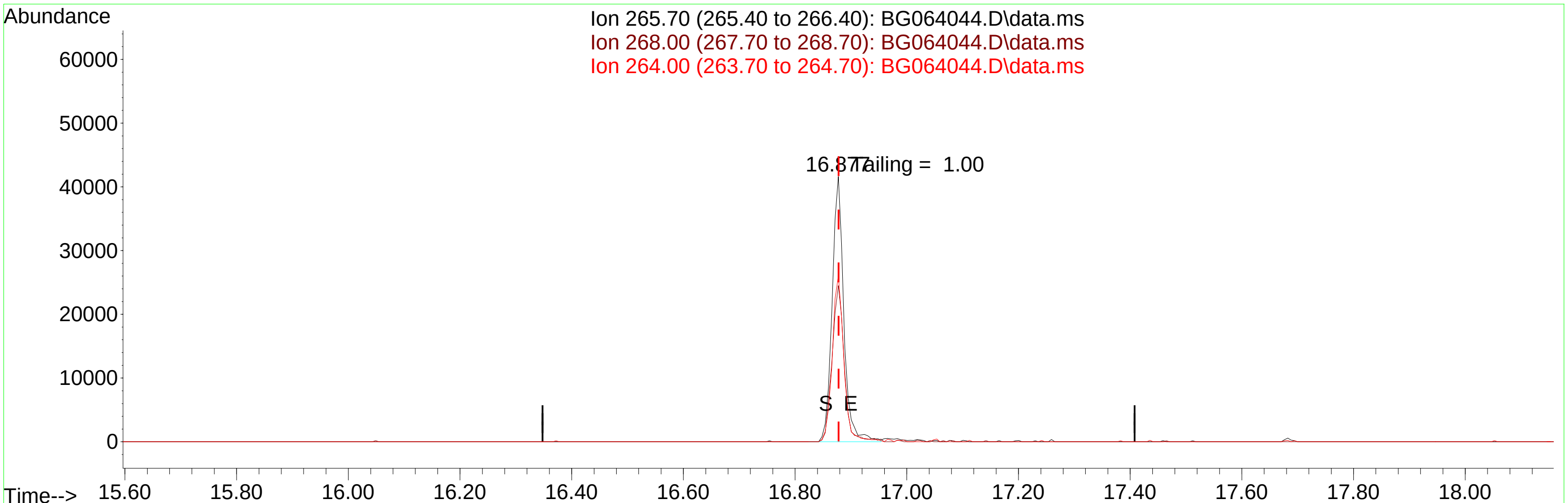
Quantitation Report (Qedit)

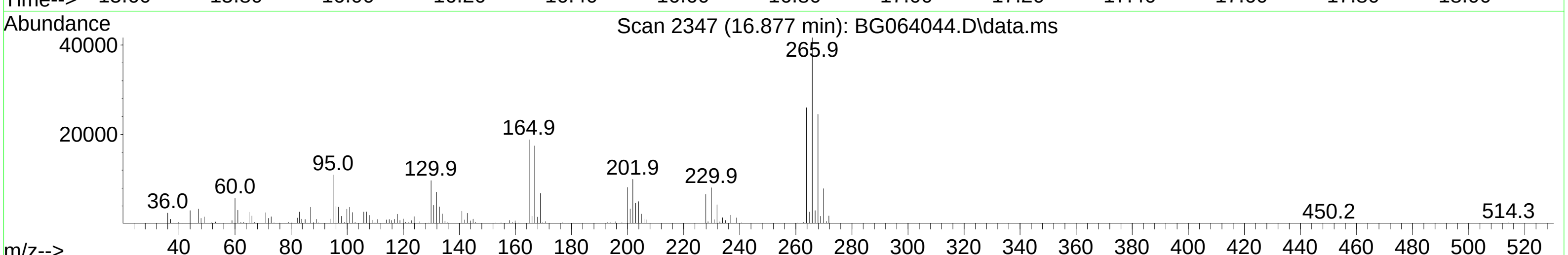
Sample Results: **BG064044.D**

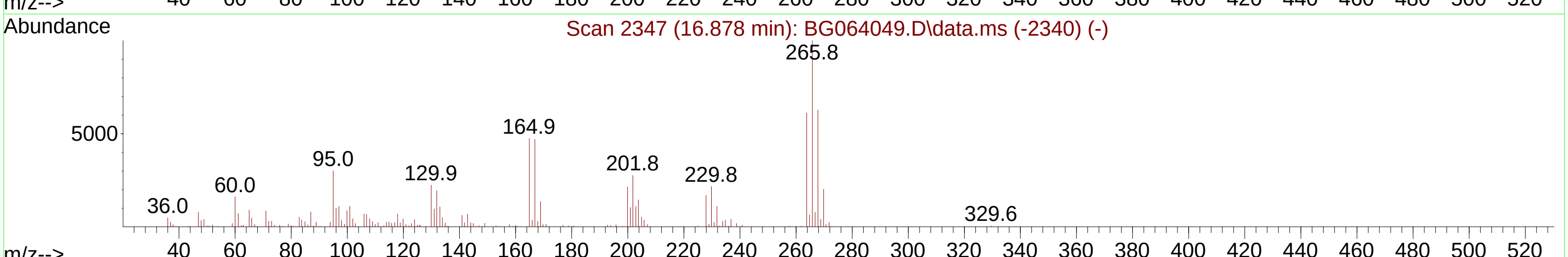
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064044.D
Acq On : 5 Mar 2025 8:15
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :	BNA_G
ClientSampleId :	DFTPP

Quant Time: Mar 05 15:40:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration







TIC: BG064044.D\data.ms

(70) Pentachlorophenol (C)

16.877min (-0.001) 14067.66 ng

response 60892

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.80	58.85
264.00	61.10	62.43
0.00	0.00	0.00

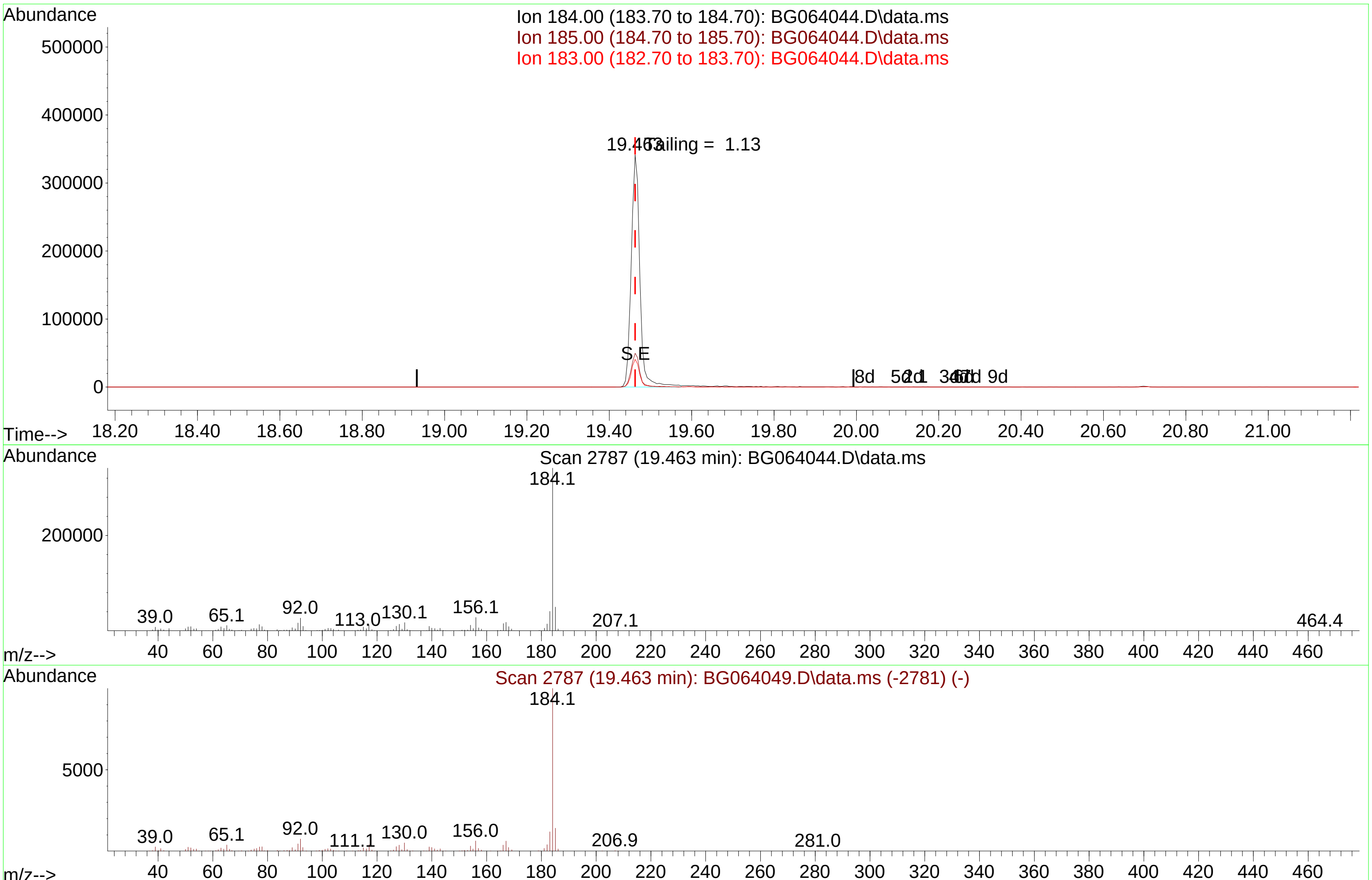
Quantitation Report (Qedit)

Sample Results: **BG064044.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064044.D
Acq On    :  5 Mar 2025   8:15
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Mar 05 15:40:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration
```

Instrument :
BNA_G
ClientSampleId :
DFTPP



TIC: BG064044.D\data.ms

(77) Benzidine

19.463min (-0.000) 687177.88 ng m

response 523350

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.57
183.00	11.90	11.97
0.00	0.00	0.00

DFTPP

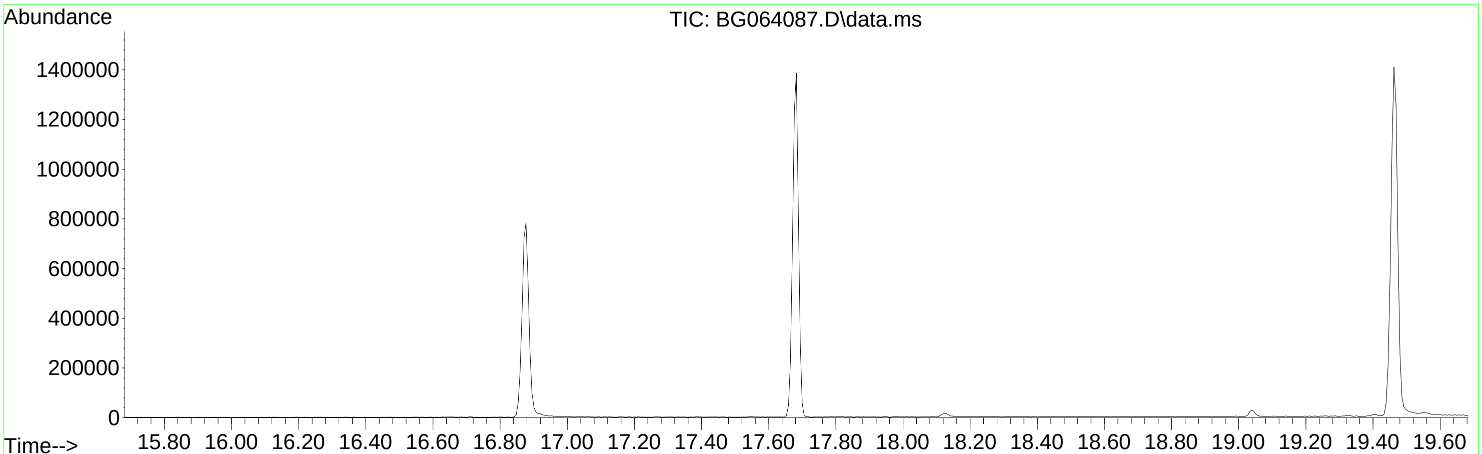
Sample Results: **BG064087.D**

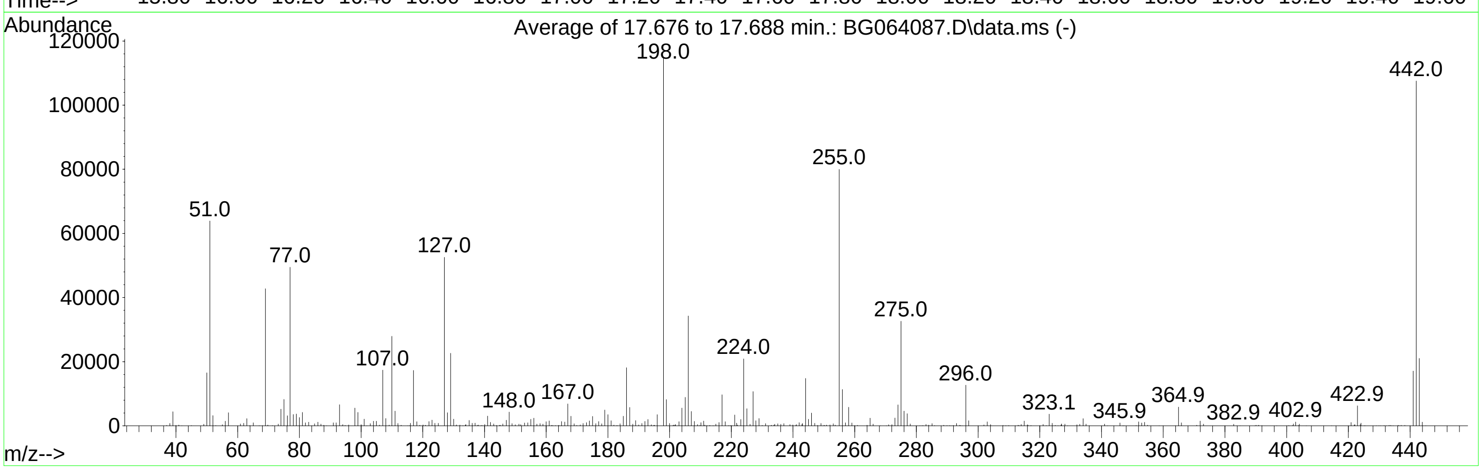
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064087.D
Acq On    : 11 Mar 2025   7:46
Operator  : RC/JU
Sample    : DFTPP
Misc      :
ALS Vial  : 1   Sample Multiplier: 1

Integration File: rteint.p

Method    : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Title     : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update  : Wed Mar 05 15:39:19 2025
```

Instrument :
BNA_G
ClientSampleId :
DFTPP





AutoFind: Scans 2483, 2484, 2485; Background Corrected with Scan 2476

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	55.6	63893	PASS
68	69	0.00	2	0.3	110	PASS
69	198	0.00	100	37.2	42763	PASS
70	69	0.00	2	0.5	232	PASS
127	198	10	80	45.8	52544	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	114843	PASS
199	198	5	9	7.1	8178	PASS
275	198	10	60	28.4	32643	PASS
365	198	1	100	5.1	5870	PASS
441	198	0.01	100	14.9	17072	PASS
442	442	50	100	100.0	107528	PASS
443	442	15	24	19.5	21019	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
3/11/2025	BNA_G	BG064087.D
Compound Name	**Response**	**Retention Time**
DDT	322741	20.696
DDD	22420	20.262
DDE	0	19.753
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
22420	345161	6.50

Instrument :
BNA_G
ClientSampleId :
DFTPP

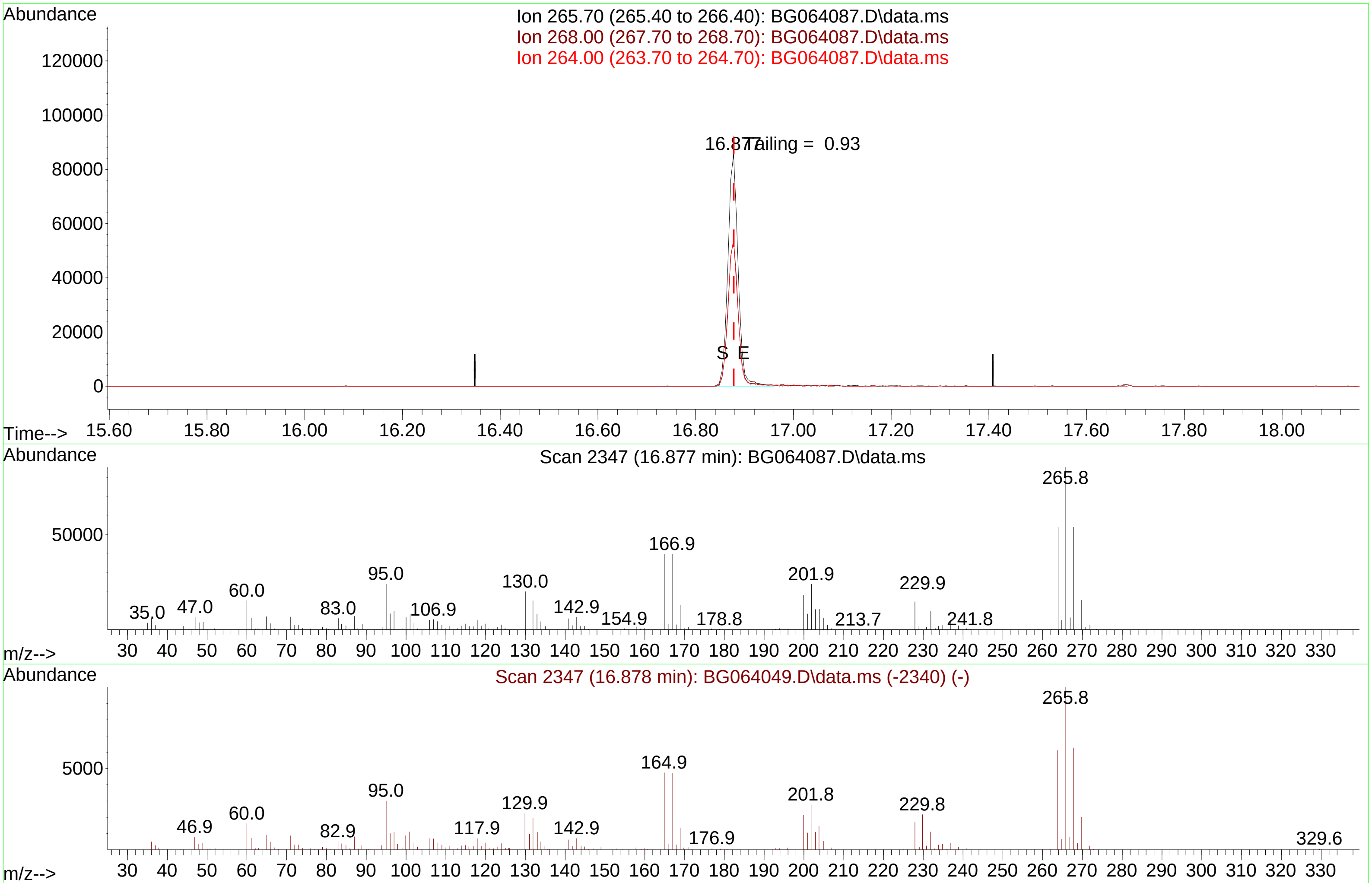
Quantitation Report (Qedit)

Sample Results: **BG064087.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064087.D
Acq On : 11 Mar 2025 7:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Mar 11 10:54:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration



TIC: BG064087.D\data.ms

(70) Pentachlorophenol (C)

16.877min (-0.001) 19891.78 ng

response 124621

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.80	63.13
264.00	61.10	63.05
0.00	0.00	0.00

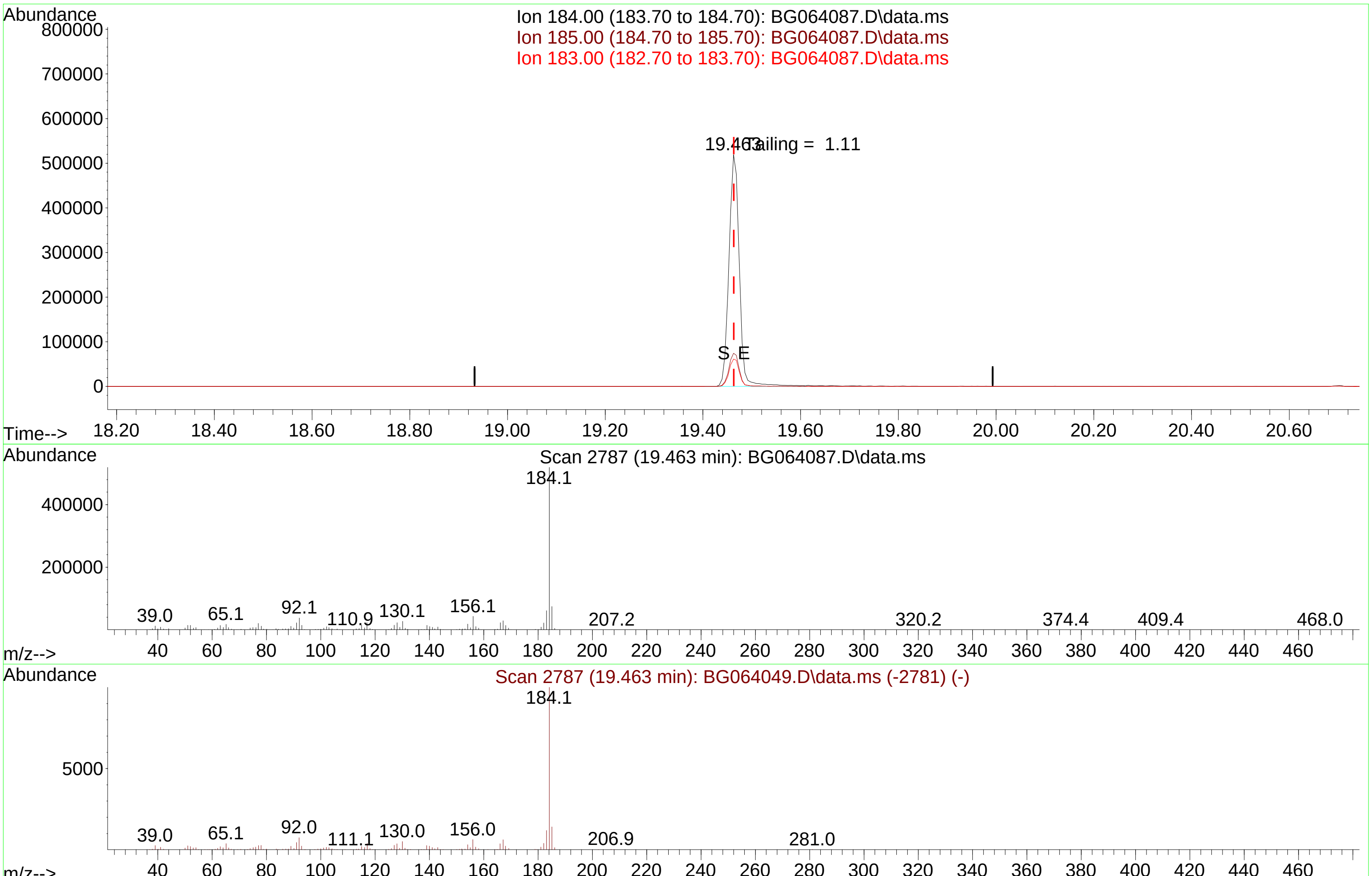
Quantitation Report (Qedit)

Sample Results: **BG064087.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064087.D
Acq On : 11 Mar 2025 7:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Mar 11 10:54:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration



TIC: BG064087.D\data.ms

(77) Benzidine

19.463min (-0.000) 1010322.83 ng m

response 769455

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.30
183.00	11.90	11.82
0.00	0.00	0.00

Raw Data: **BF141932.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167089BL	SDG No.:	Q1523
Lab Sample ID:	PB167089BL	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141932.D	1	03/11/25 11:15	03/12/25 10:37	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/Kg
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/Kg
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/Kg
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/Kg
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/Kg
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/Kg
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/Kg
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/Kg
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/Kg
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/Kg
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	141		15 (10) - 110 (139)	94%	SPK: 150
13127-88-3	Phenol-d6	137		15 (10) - 110 (134)	91%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.9		30 (49) - 130 (133)	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.0		30 (52) - 130 (132)	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		15 (44) - 110 (137)	105%	SPK: 150
1718-51-0	Terphenyl-d14	84.3		30 (48) - 130 (125)	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	154000	6.881			
1146-65-2	Naphthalene-d8	614000	8.157			
15067-26-2	Acenaphthene-d10	341000	9.916			
1517-22-2	Phenanthrene-d10	627000	11.398			
1719-03-5	Chrysene-d12	568000	14.039			
1520-96-3	Perylene-d12	476000	15.51			

Raw Data: **BF141932.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167089BL	SDG No.:	Q1523
Lab Sample ID:	PB167089BL	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141932.D	1	03/11/25 11:15	03/12/25 10:37	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Quantitation Report (QT Reviewed)

Sample Results: **BF141932.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141932.D
Acq On : 12 Mar 2025 10:37
Operator : RC/JU
Sample : PB167089BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167089BL

Quant Time: Mar 12 11:52:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.881	152	153751	20.000 ng	0.00
21) Naphthalene-d8	8.157	136	614272	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	340780	20.000 ng	0.00
64) Phenanthrene-d10	11.398	188	627258	20.000 ng	0.00
76) Chrysene-d12	14.039	240	568132	20.000 ng	0.00
86) Perylene-d12	15.510	264	475542	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.504	112	1296825	140.770 ng	0.01
7) Phenol-d6	6.504	99	1609646	137.232 ng	0.00
23) Nitrobenzene-d5	7.440	82	1079907	98.935 ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	681622	157.664 ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2196902	98.042 ng	0.00
79) Terphenyl-d14	12.992	244	3241286	84.348 ng	0.00

Target Compounds	Qvalue

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

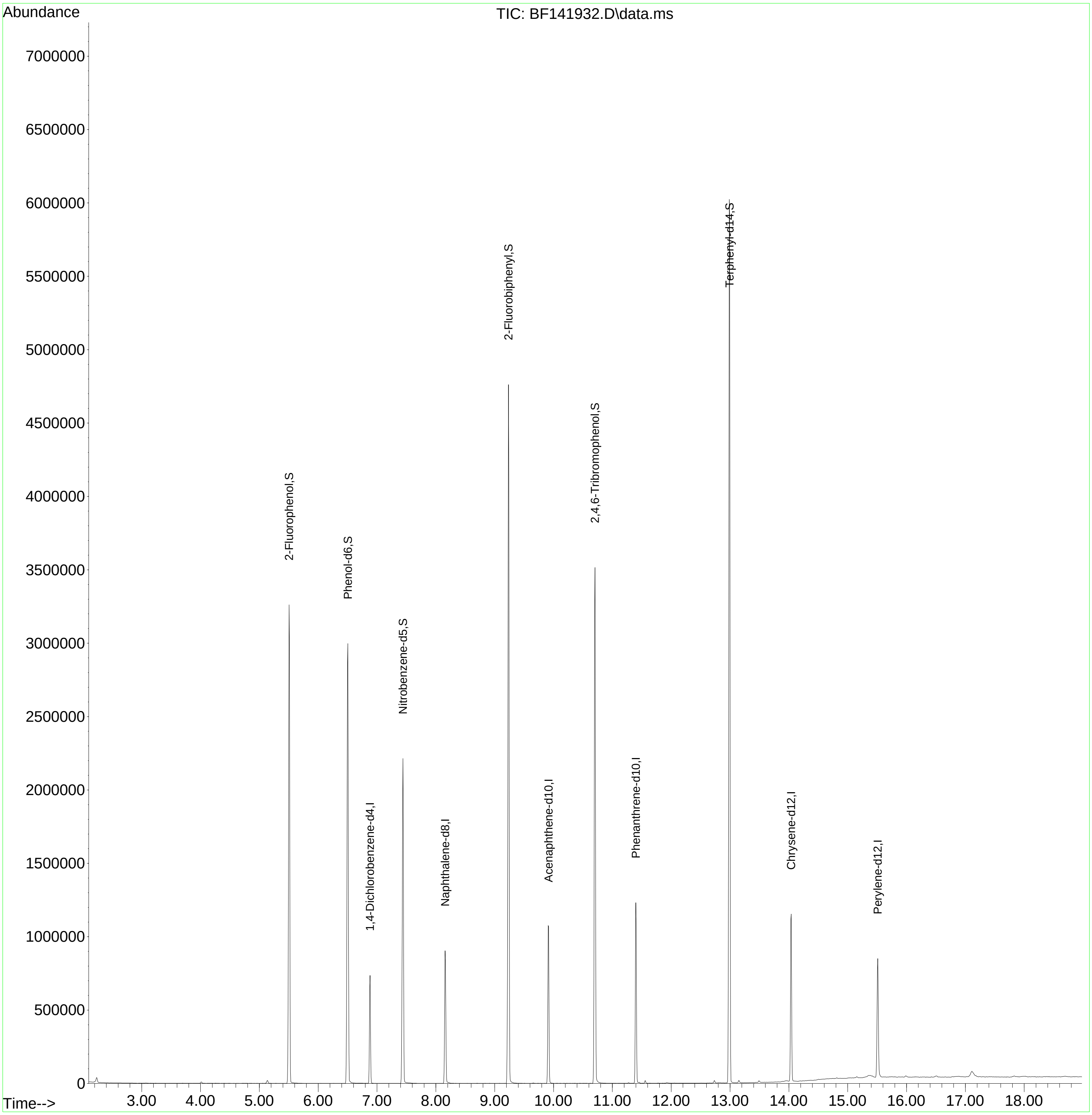
Quantitation Report (QT Reviewed)

Sample Results: **BF141932.D**

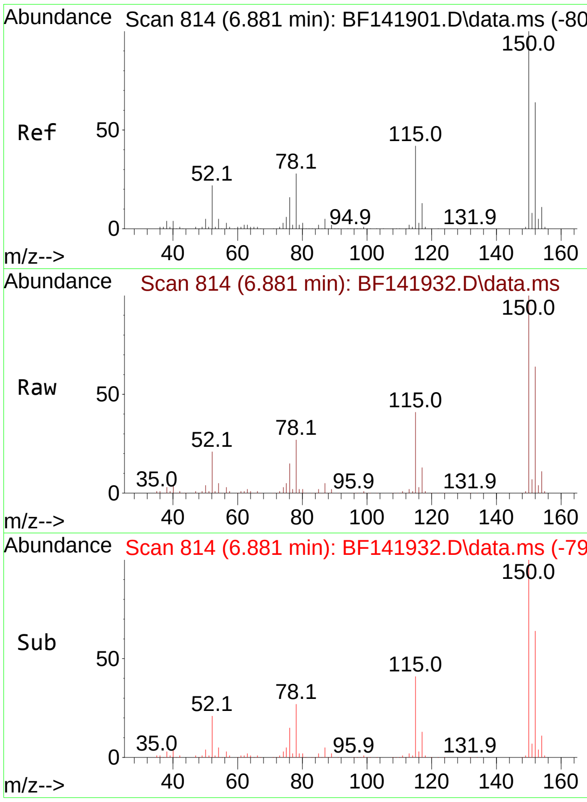
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141932.D
Acq On : 12 Mar 2025 10:37
Operator : RC/JU
Sample : PB167089BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167089BL

Quant Time: Mar 12 11:52:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



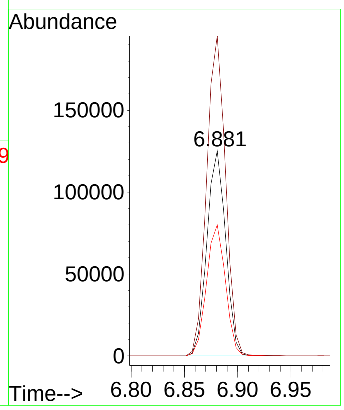
Instrument :
BNA_F
ClientSampleId :
PB167089BL

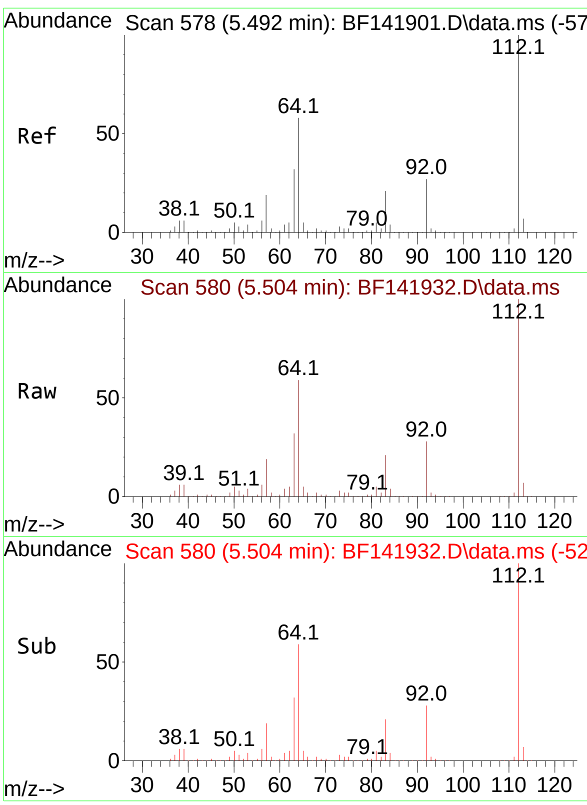


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion:152 Resp: 153751

Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.4	191.2
115	63.9	51.9	77.9

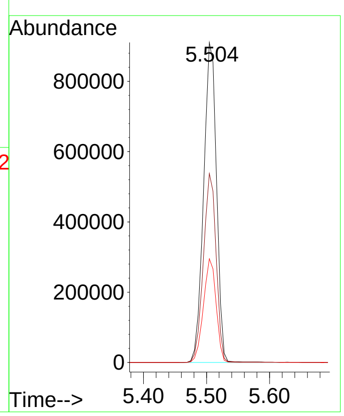




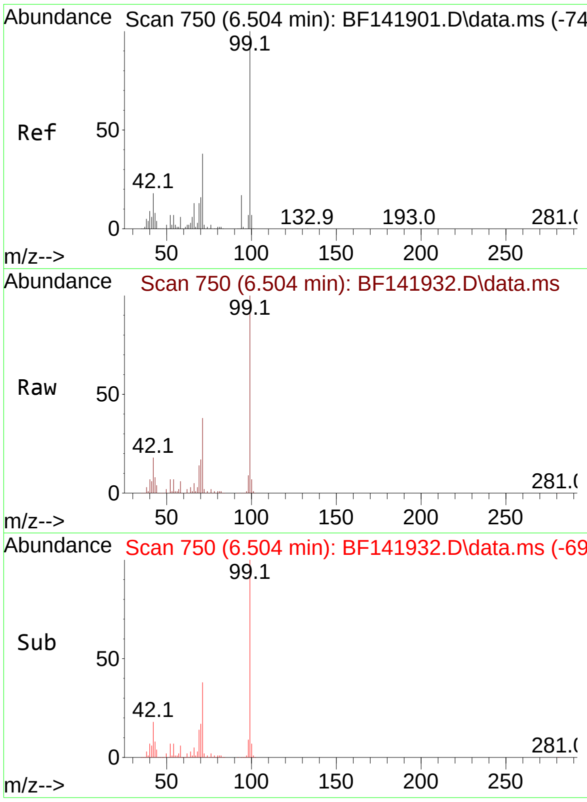
#5
2-Fluorophenol
Concen: 140.770 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion:112 Resp: 1296825

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.5	69.7
63	32.4	25.4	38.2



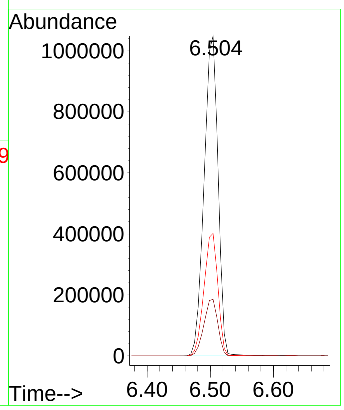
Instrument :	
BNA_F	
ClientSampleId :	
PB167089BL	

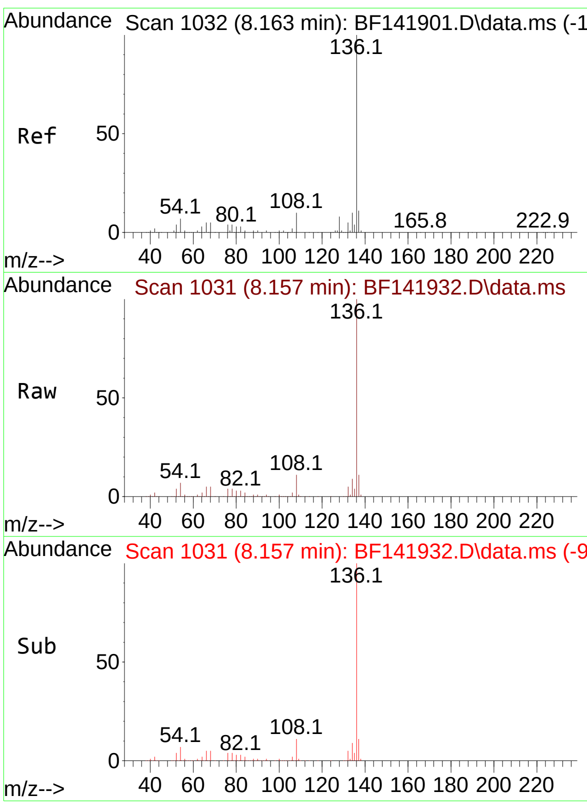


#7
Phenol-d6
Concen: 137.232 ng
RT: 6.504 min Scan# 7!
Delta R.T. 0.000 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion: 99 Resp: 1609646

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.6	21.8
71	38.3	30.8	46.2

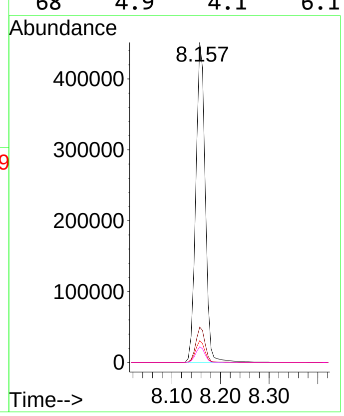




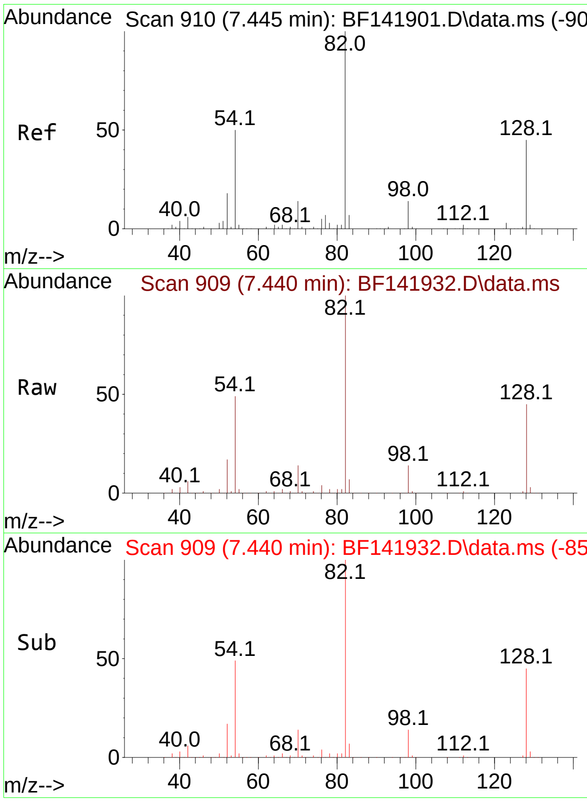
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion:136 Resp: 614272

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.8	8.8
68	4.9	4.1	6.1



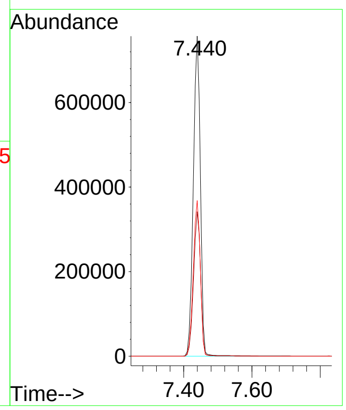
Instrument :
BNA_F
ClientSampleId :
PB167089BL

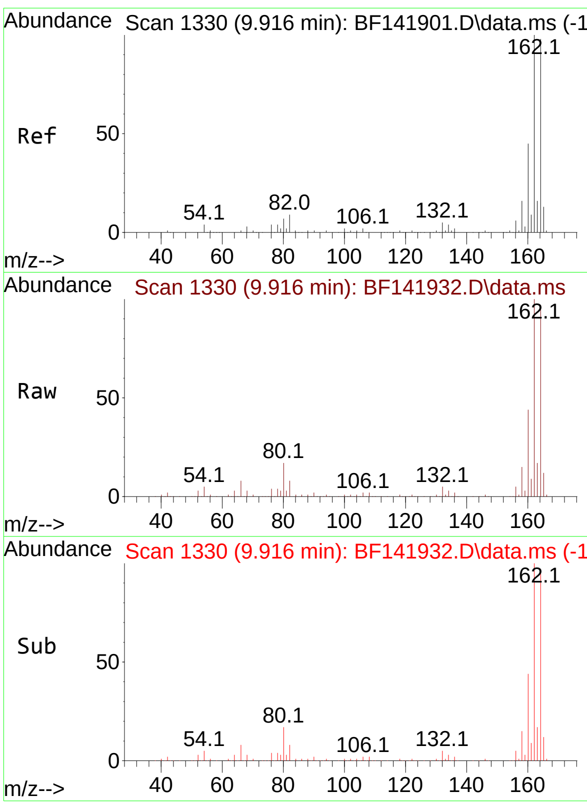


#23
Nitrobenzene-d5
Concen: 98.935 ng
RT: 7.440 min Scan# 9(
Delta R.T. -0.006 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion: 82 Resp: 1079907

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.0	54.0
54	48.7	39.6	59.4

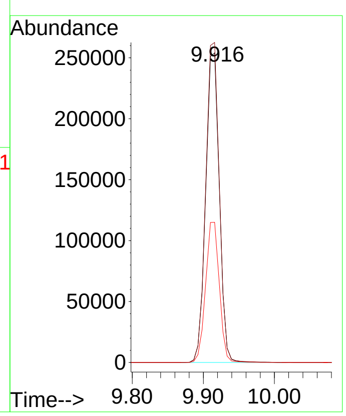




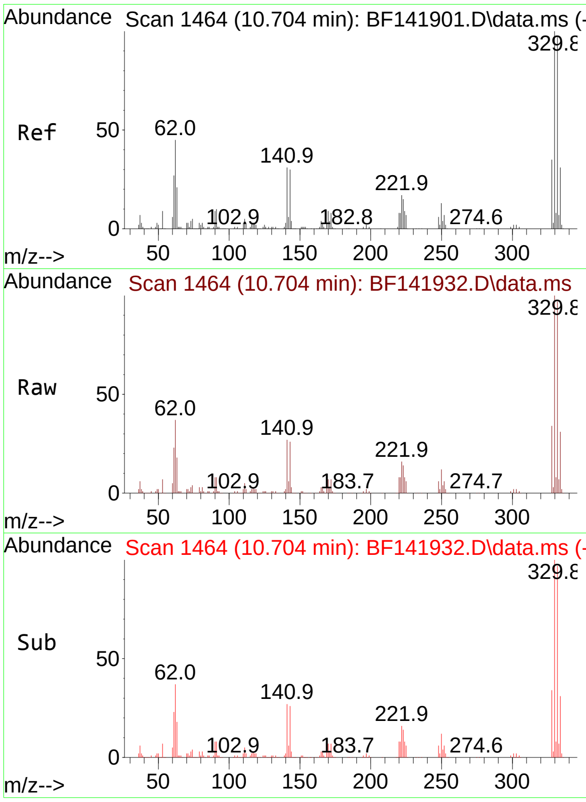
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion:164 Resp: 340780

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.6
160	45.3	36.7	55.1



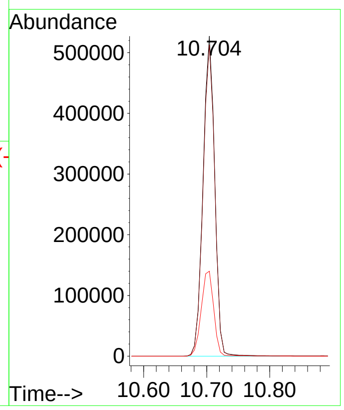
Instrument :
BNA_F
ClientSampleId :
PB167089BL

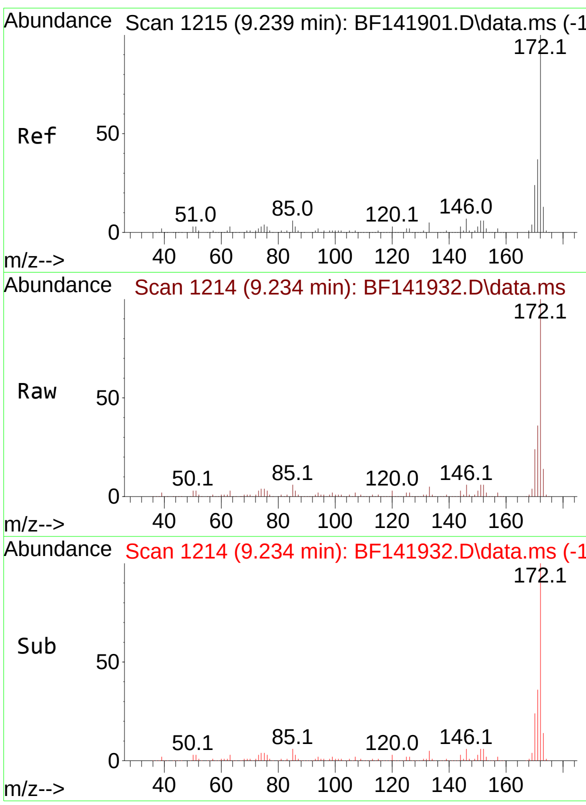


#42
2,4,6-Tribromophenol
Concen: 157.664 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion:330 Resp: 681622

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.6	116.4
141	28.5	24.7	37.1

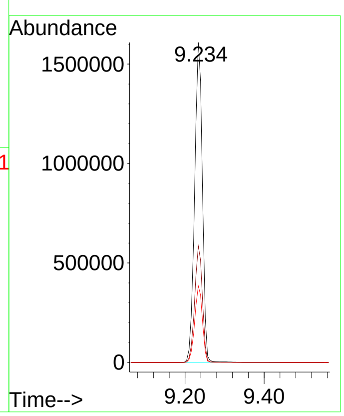




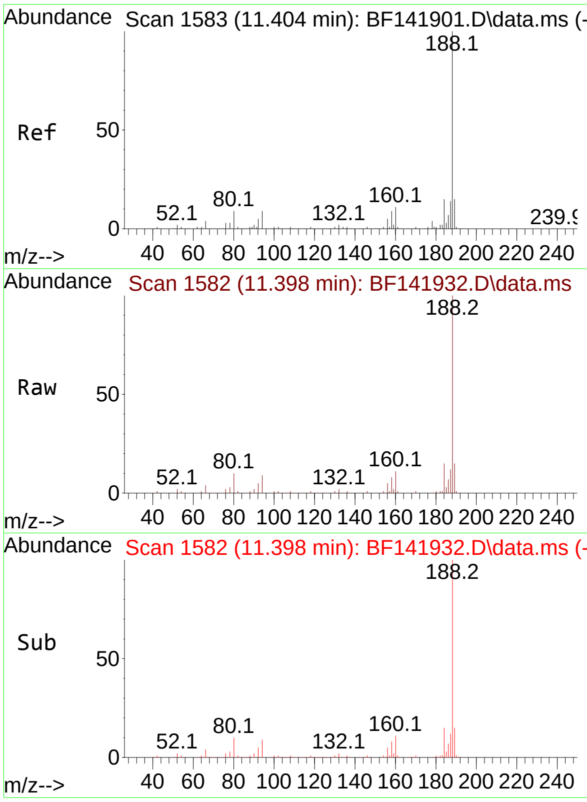
#45
2-Fluorobiphenyl
Concen: 98.042 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion:172 Resp: 2196902

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.3	43.9
170	23.9	19.4	29.0



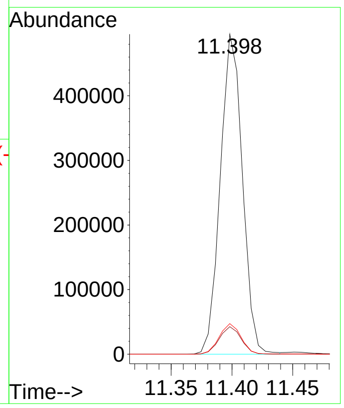
Instrument : BNA_F
ClientSampleId : PB167089BL

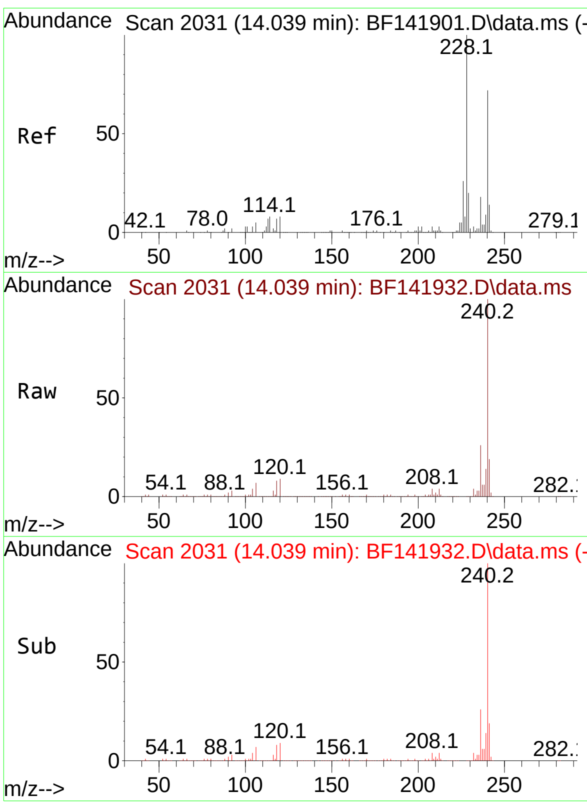


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion:188 Resp: 627258

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	9.5	7.6	11.4

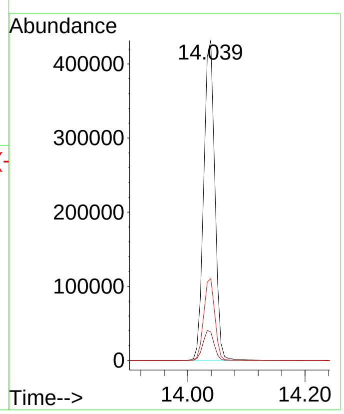




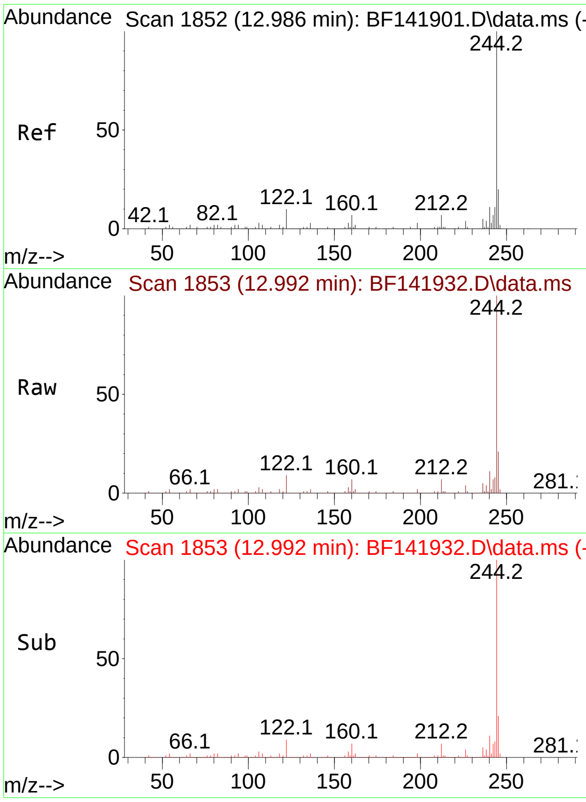
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion:240 Resp: 568132

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.4	12.6
236	25.6	20.5	30.7



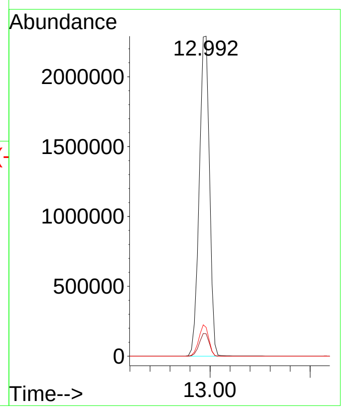
Instrument :
BNA_F
ClientSampleId :
PB167089BL

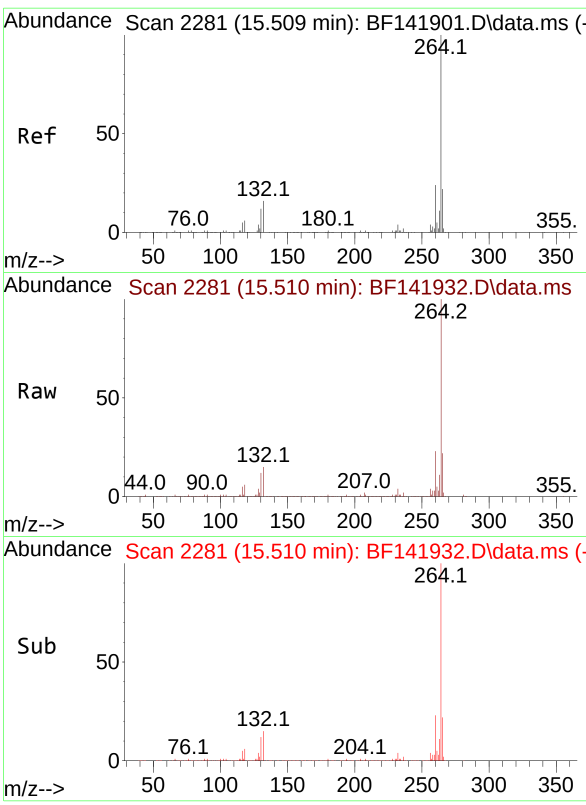


#79
Terphenyl-d14
Concen: 84.348 ng
RT: 12.992 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion:244 Resp: 3241286

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	9.0	7.7	11.5

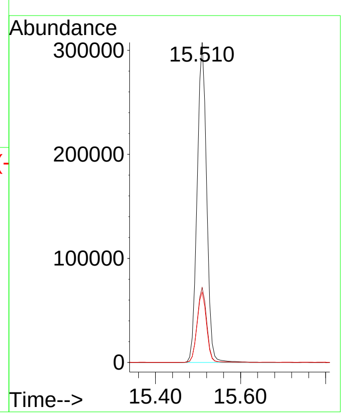




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion:264 Resp: 475542

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.9	17.5	26.3



Raw Data: **BF141933.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167089BS	SDG No.:	Q1523
Lab Sample ID:	PB167089BS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141933.D	1	03/11/25 11:15	03/12/25 11:06	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	41.1		1.30	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	45.6		0.53	5.00	ug/Kg
95-48-7	2-Methylphenol	45.8		1.10	5.00	ug/Kg
65794-96-9	3+4-Methylphenols	45.0		1.10	10.0	ug/Kg
67-72-1	Hexachloroethane	45.4		0.65	5.00	ug/Kg
98-95-3	Nitrobenzene	46.1		0.76	5.00	ug/Kg
87-68-3	Hexachlorobutadiene	46.4		0.54	5.00	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.5		0.51	5.00	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45.6		0.62	5.00	ug/Kg
121-14-2	2,4-Dinitrotoluene	48.3		1.20	5.00	ug/Kg
118-74-1	Hexachlorobenzene	47.3		0.52	5.00	ug/Kg
87-86-5	Pentachlorophenol	97.3	E	1.60	10.0	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	138		15 (10) - 110 (139)	92%	SPK: 150
13127-88-3	Phenol-d6	134		15 (10) - 110 (134)	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.0		30 (49) - 130 (133)	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.1		30 (52) - 130 (132)	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		15 (44) - 110 (137)	98%	SPK: 150
1718-51-0	Terphenyl-d14	96.6		30 (48) - 130 (125)	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	148000	6.881			
1146-65-2	Naphthalene-d8	575000	8.163			
15067-26-2	Acenaphthene-d10	321000	9.916			
1517-22-2	Phenanthrene-d10	536000	11.404			
1719-03-5	Chrysene-d12	372000	14.039			
1520-96-3	Perylene-d12	339000	15.509			

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

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:		
Client Sample ID:	PB167089BS		SDG No.:	Q1523	
Lab Sample ID:	PB167089BS		Matrix:	TCLP	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141933.D	1	03/11/25 11:15	03/12/25 11:06	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BF141933.D**

Instrument :
BNA_F
ClientSampleId :
PB167089BS

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141933.D
Acq On    : 12 Mar 2025  11:06
Operator  : RC/JU
Sample    : PB167089BS
Misc      :
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Mar 12 11:53:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration
```

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.881	152	148185	20.000 ng	0.00
21) Naphthalene-d8	8.163	136	574643	20.000 ng	0.00
39) Acenaphthene-d10	9.916	164	321155	20.000 ng	0.00
64) Phenanthrene-d10	11.404	188	536443	20.000 ng	0.00
76) Chrysene-d12	14.039	240	372000	20.000 ng	0.00
86) Perylene-d12	15.509	264	338585	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.510	112	1226516	138.138 ng	0.02
7) Phenol-d6	6.504	99	1513999	133.926 ng	0.00
23) Nitrobenzene-d5	7.445	82	1010849	98.994 ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	599334	147.102 ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2070832	98.063 ng	0.00
79) Terphenyl-d14	12.986	244	2430925	96.613 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.746	88	163187	43.864 ng	99
3) Pyridine	3.510	79	374854	41.077 ng	100
4) n-Nitrosodimethylamine	3.451	42	193412	44.462 ng	100
6) Aniline	6.545	93	431458	38.689 ng	99
8) 2-Chlorophenol	6.663	128	454139	46.118 ng	100
9) Benzaldehyde	6.434	77	140555	22.231 ng	99
10) Phenol	6.522	94	530153	44.577 ng	98
11) bis(2-Chloroethyl)ether	6.616	93	400639	44.863 ng	99
12) 1,3-Dichlorobenzene	6.822	146	488060	45.908 ng	99
13) 1,4-Dichlorobenzene	6.898	146	490575	45.607 ng	100
14) 1,2-Dichlorobenzene	7.051	146	470691	46.458 ng	99
15) Benzyl Alcohol	7.016	79	398351	43.587 ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	465995	43.223 ng	100
17) 2-Methylphenol	7.128	107	358646	45.806 ng	99
18) Hexachloroethane	7.392	117	183301	45.443 ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	309013	42.540 ng	99
20) 3+4-Methylphenols	7.281	107	451778	45.048 ng	# 90
22) Acetophenone	7.287	105	687250	49.941 ng	97
24) Nitrobenzene	7.463	77	467944	46.098 ng	99
25) Isophorone	7.698	82	850583	47.124 ng	99
26) 2-Nitrophenol	7.775	139	239671	48.106 ng	99
27) 2,4-Dimethylphenol	7.810	122	387374	56.466 ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	501289	44.279 ng	99
29) 2,4-Dichlorophenol	8.016	162	385481	45.270 ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	427516	45.558 ng	99
31) Naphthalene	8.186	128	1321235	44.760 ng	100
32) Benzoic acid	7.922	122	317837m	52.706 ng	
33) 4-Chloroaniline	8.228	127	206292	19.797 ng	99
34) Hexachlorobutadiene	8.298	225	284074	46.419 ng	99
35) Caprolactam	8.592	113	126171m	48.601 ng	
36) 4-Chloro-3-methylphenol	8.704	107	418572	44.066 ng	100
37) 2-Methylnaphthalene	8.875	142	854174	43.292 ng	99
38) 1-Methylnaphthalene	8.975	142	827198	43.446 ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	500018	51.138 ng	98
41) Hexachlorocyclopentadiene	9.028	237	664678	173.697 ng	99
43) 2,4,6-Trichlorophenol	9.151	196	291035	45.544 ng	100

Sample Results: **BF141933.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141933.D
Acq On : 12 Mar 2025 11:06
Operator : RC/JU
Sample : PB167089BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167089BS

Quant Time: Mar 12 11:53:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	294986	45.578	ng		98
46) 1,1'-Biphenyl	9.339	154	1230333	50.420	ng		100
47) 2-Chloronaphthalene	9.363	162	838808	46.119	ng		99
48) 2-Nitroaniline	9.457	65	243037	46.151	ng		99
49) Acenaphthylene	9.780	152	1302110	48.244	ng		99
50) Dimethylphthalate	9.639	163	985182	43.806	ng		100
51) 2,6-Dinitrotoluene	9.698	165	215955	46.119	ng		95
52) Acenaphthene	9.951	154	963331	50.789	ng		99
53) 3-Nitroaniline	9.863	138	130937	27.567	ng		99
54) 2,4-Dinitrophenol	9.975	184	249881	92.778	ng	#	47
55) Dibenzofuran	10.122	168	1183906	43.683	ng		99
56) 4-Nitrophenol	10.022	139	358943	100.208	ng		99
57) 2,4-Dinitrotoluene	10.104	165	295215	48.270	ng		98
58) Fluorene	10.469	166	938488	44.903	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	263211	44.693	ng		98
60) Diethylphthalate	10.339	149	956472	42.652	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	485785	44.582	ng		97
62) 4-Nitroaniline	10.480	138	210817	45.589	ng		99
63) Azobenzene	10.616	77	887870	42.586	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	158758	49.643	ng		97
66) n-Nitrosodiphenylamine	10.575	169	801999	46.199	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	306016	45.422	ng		99
68) Hexachlorobenzene	11.016	284	349522	47.303	ng		95
69) Atrazine	11.104	200	321762	60.462	ng		99
70) Pentachlorophenol	11.204	266	442905	97.286	ng		100
71) Phenanthrene	11.427	178	1358818	46.896	ng		99
72) Anthracene	11.480	178	1397984	48.091	ng		100
73) Carbazole	11.633	167	1169195	46.637	ng		100
74) Di-n-butylphthalate	11.963	149	1444680	43.430	ng		100
75) Fluoranthene	12.616	202	1382763	44.989	ng		100
77) Benzidine	12.733	184	476569	91.823	ng		99
78) Pyrene	12.845	202	1389481	43.181	ng		99
80) Butylbenzylphthalate	13.463	149	545094	43.280	ng		99
81) Benzo(a)anthracene	14.027	228	1168294	47.860	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	198547	28.145	ng		99
83) Chrysene	14.068	228	1023528	46.256	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	740231	42.627	ng		99
85) Di-n-octyl phthalate	14.633	149	1140036	47.183	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	1166022	53.237	ng		99
88) Benzo(b)fluoranthene	15.080	252	1052581	45.360	ng		100
89) Benzo(k)fluoranthene	15.110	252	863670	43.492	ng		100
90) Benzo(a)pyrene	15.451	252	901397	49.644	ng		100
91) Dibenzo(a,h)anthracene	17.021	278	959924	53.119	ng		100
92) Benzo(g,h,i)perylene	17.456	276	911236	51.026	ng		98

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

Quantitation Report (QT Reviewed)

Sample Results: **BF141933.D**

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141933.D
Acq On    : 12 Mar 2025  11:06
Operator  : RC/JU
Sample    : PB167089BS
Misc      :
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Mar 12 11:53:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration
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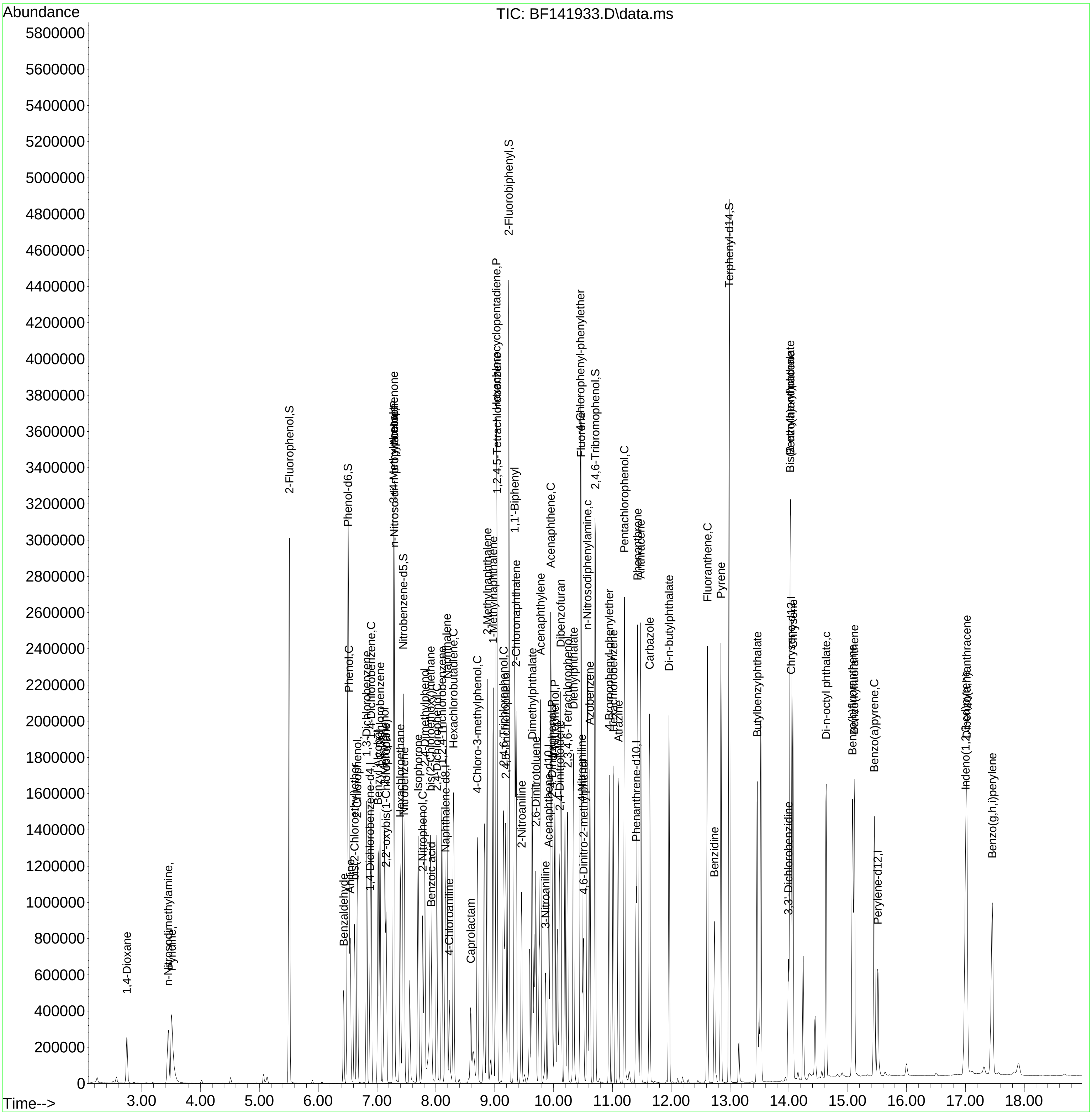
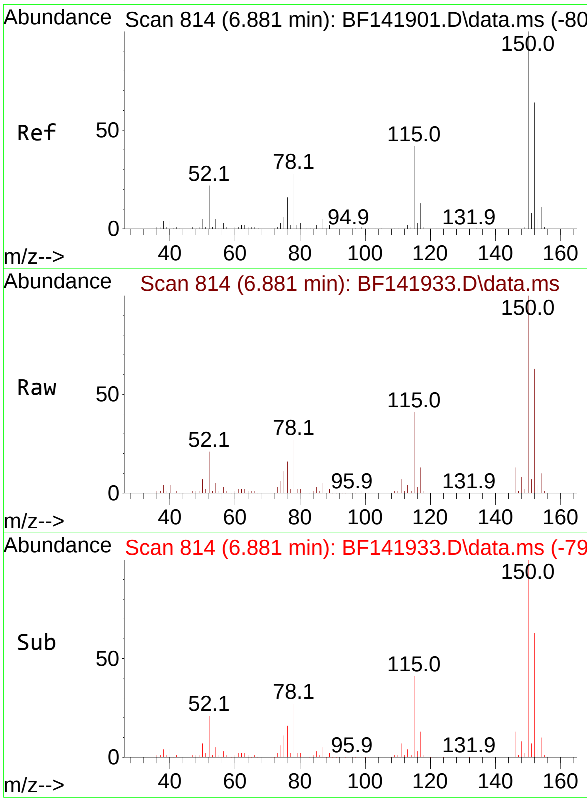
Instrument :
BNA_F
ClientSampleId :
PB167089BS



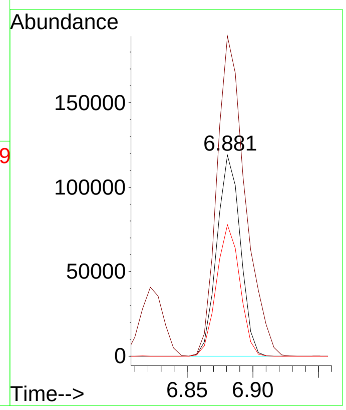
Instrument :
BNA_F
ClientSampleId :
PB167089BS

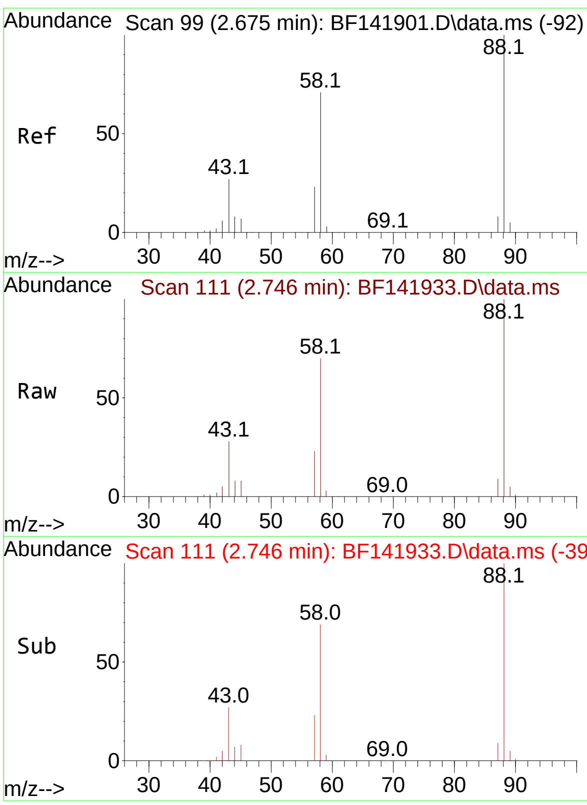


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:152 Resp: 148185

Ion	Ratio	Lower	Upper
152	100		
150	159.2	127.4	191.2
115	65.4	51.9	77.9

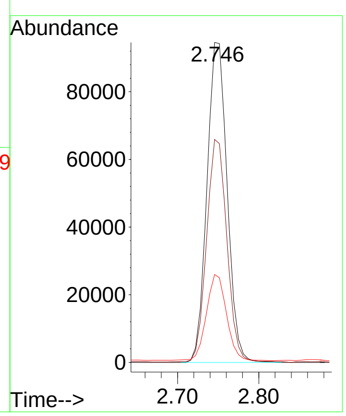




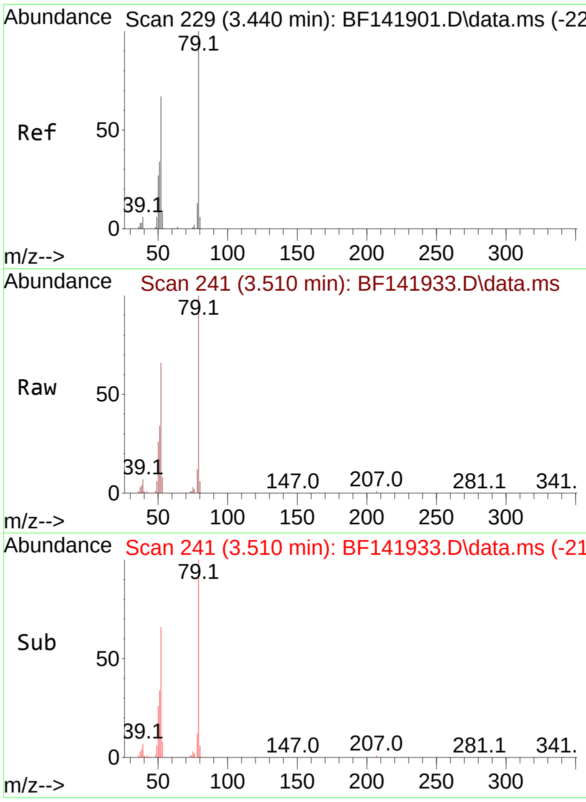
#2
1,4-Dioxane
Concen: 43.864 ng
RT: 2.746 min Scan# 111
Delta R.T. 0.071 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 88 Resp: 163187

Ion	Ratio	Lower	Upper
88	100		
58	70.6	57.4	86.2
43	26.8	21.5	32.3



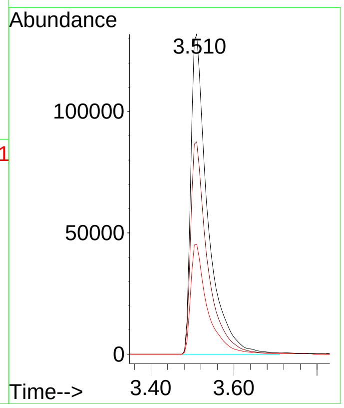
Instrument :
BNA_F
ClientSampleId :
PB167089BS

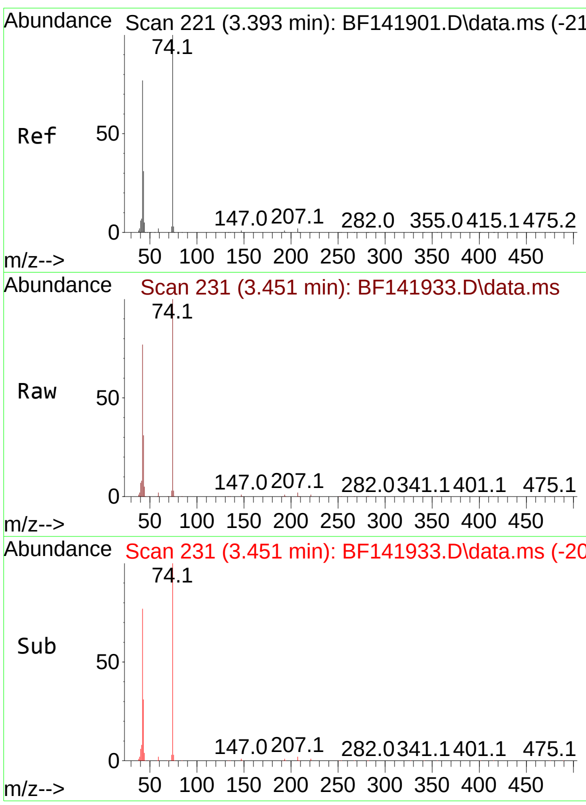


#3
Pyridine
Concen: 41.077 ng
RT: 3.510 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 79 Resp: 374854

Ion	Ratio	Lower	Upper
79	100		
52	66.3	53.3	79.9
51	34.4	27.6	41.4

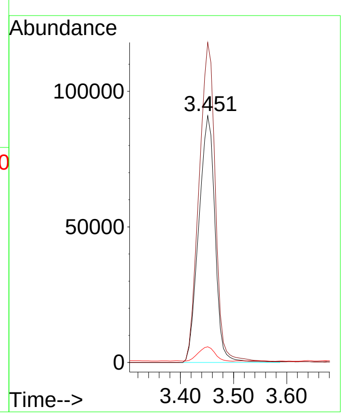




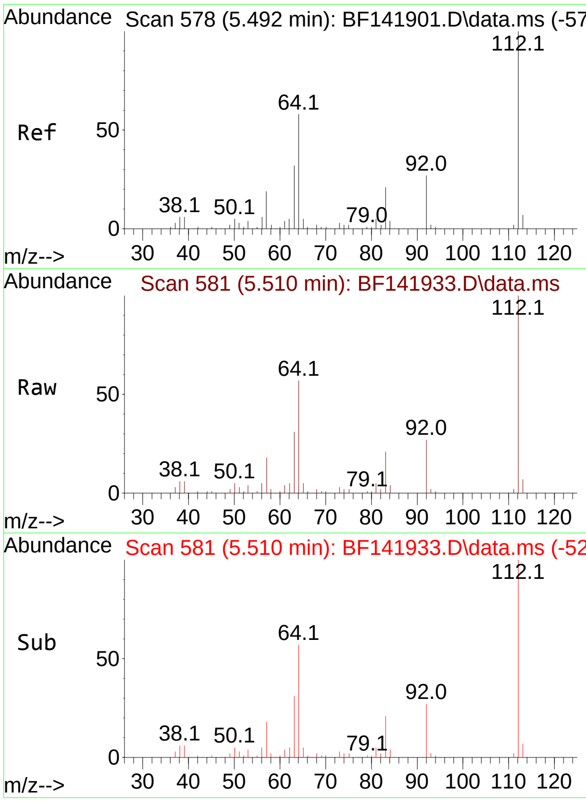
#4
n-Nitrosodimethylamine
Concen: 44.462 ng
RT: 3.451 min Scan# 231
Delta R.T. 0.059 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 42 Resp: 193412

Ion	Ratio	Lower	Upper
42	100		
74	129.7	103.4	155.0
44	6.3	5.0	7.4



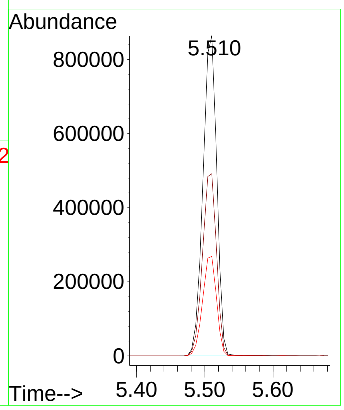
Instrument :
BNA_F
ClientSampleId :
PB167089BS

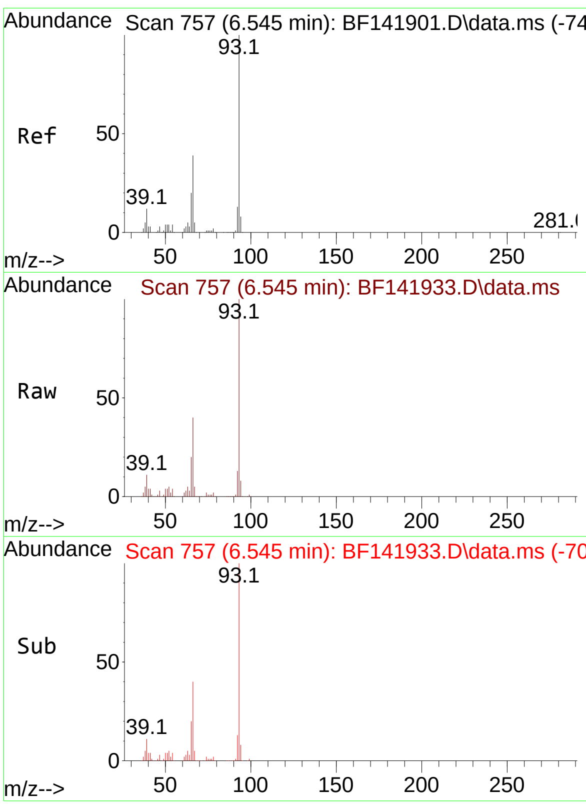


#5
2-Fluorophenol
Concen: 138.138 ng
RT: 5.510 min Scan# 58
Delta R.T. 0.018 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:112 Resp: 1226516

Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.5	69.7
63	31.1	25.4	38.2

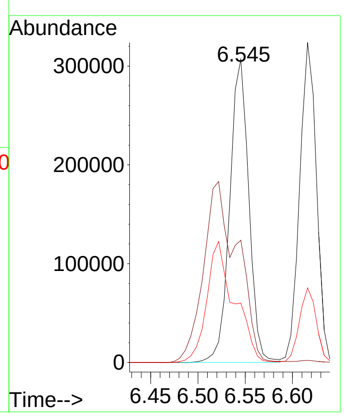




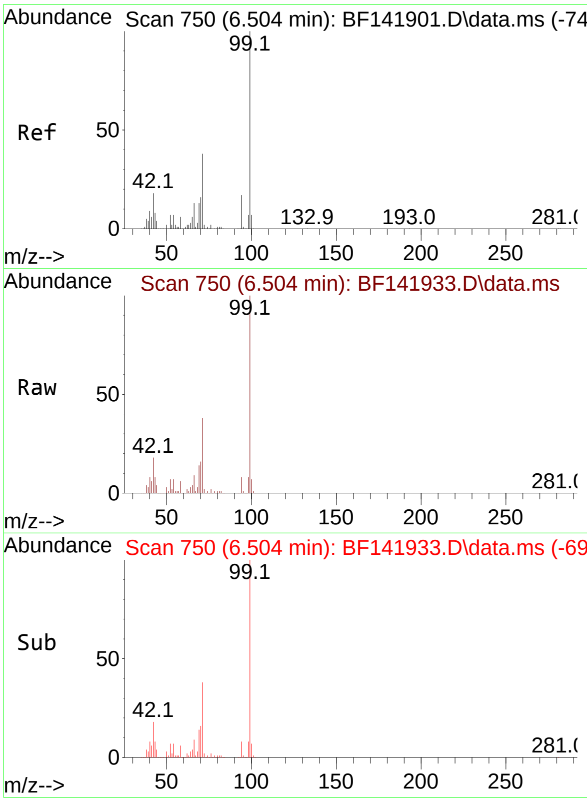
#6
Aniline
Concen: 38.689 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 93 Resp: 431458

Ion	Ratio	Lower	Upper
93	100		
66	40.3	31.9	47.9
65	19.6	15.8	23.6



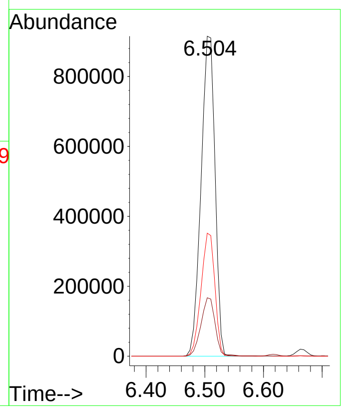
Instrument :
BNA_F
ClientSampleId :
PB167089BS

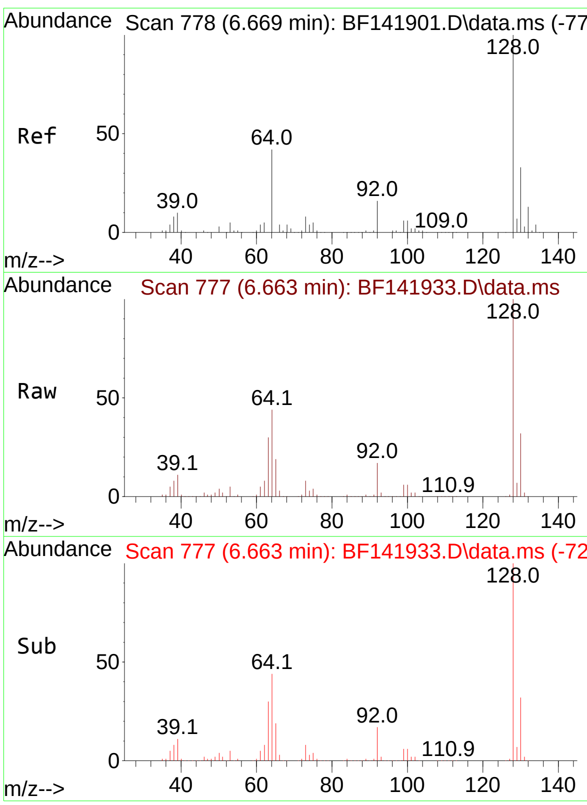


#7
Phenol-d6
Concen: 133.926 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 99 Resp: 1513999

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.6	21.8
71	38.5	30.8	46.2

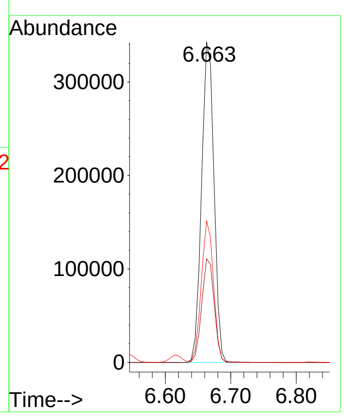




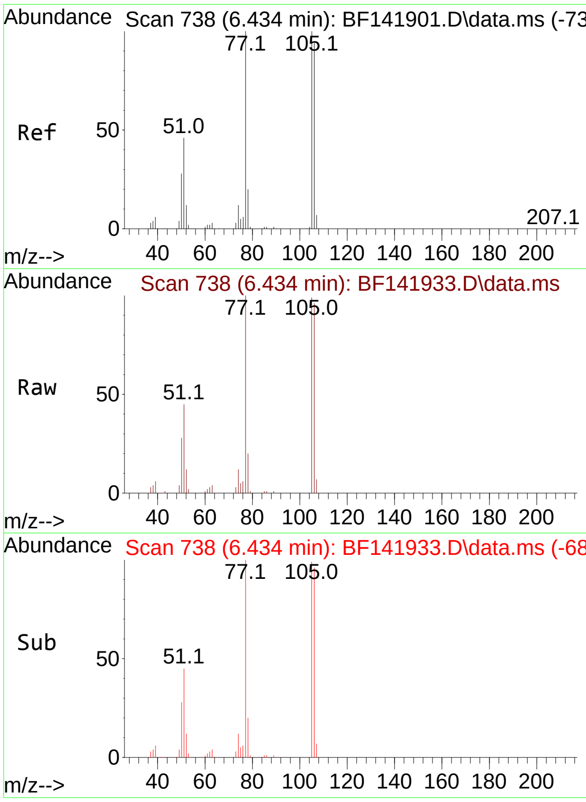
#8
2-Chlorophenol
Concen: 46.118 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:128 Resp: 454139

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.8	52.8
64	44.2	24.4	64.4



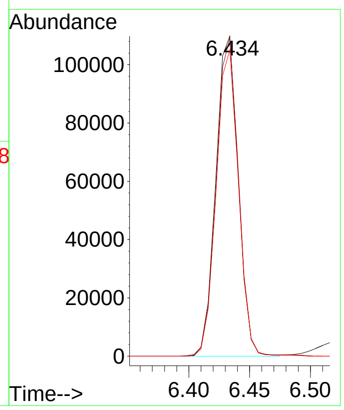
Instrument :
BNA_F
ClientSampleId :
PB167089BS

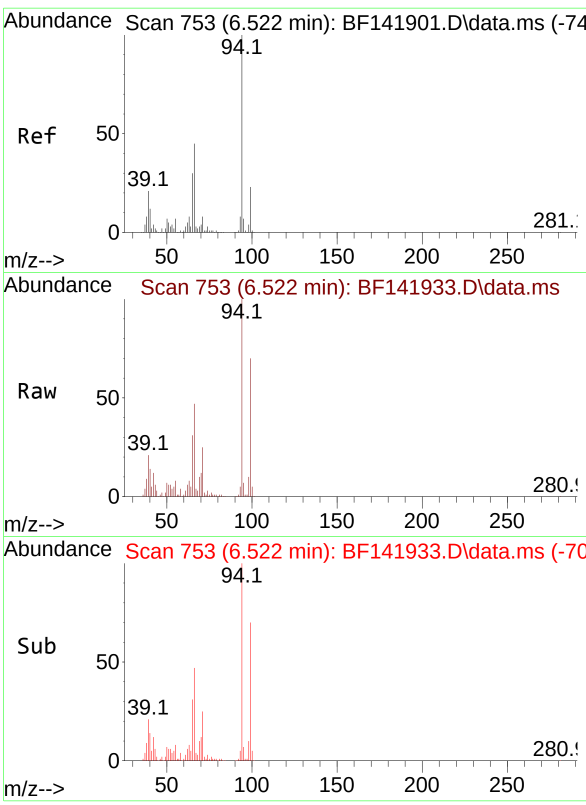


#9
Benzaldehyde
Concen: 22.231 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 77 Resp: 140555

Ion	Ratio	Lower	Upper
77	100		
105	99.4	80.0	120.0
106	95.7	74.5	114.5

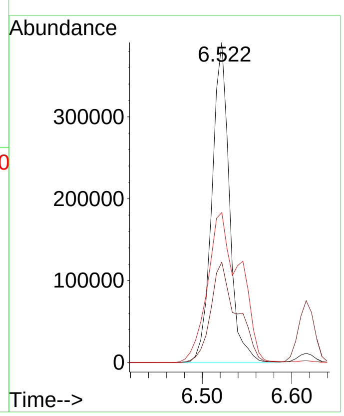




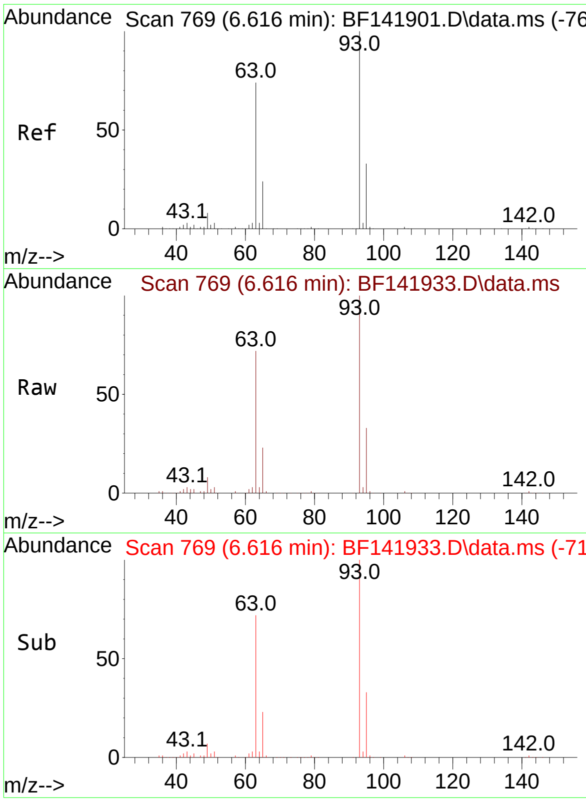
#10
Phenol
Concen: 44.577 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 94 Resp: 530153

Ion	Ratio	Lower	Upper
94	100		
65	31.3	10.5	50.5
66	46.8	25.8	65.8



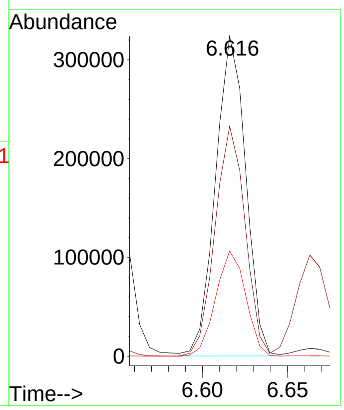
Instrument :
BNA_F
ClientSampleId :
PB167089BS

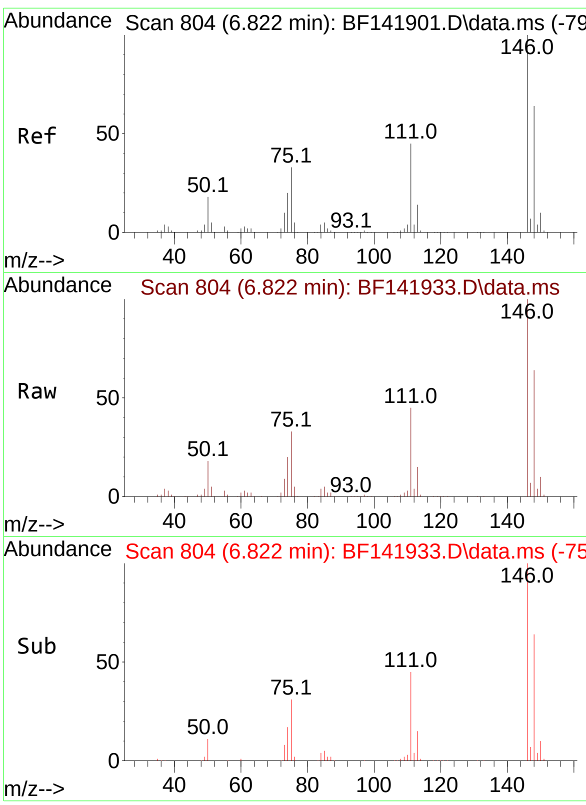


#11
bis(2-Chloroethyl)ether
Concen: 44.863 ng
RT: 6.616 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 93 Resp: 400639

Ion	Ratio	Lower	Upper
93	100		
63	71.9	53.0	93.0
95	32.8	12.9	52.9

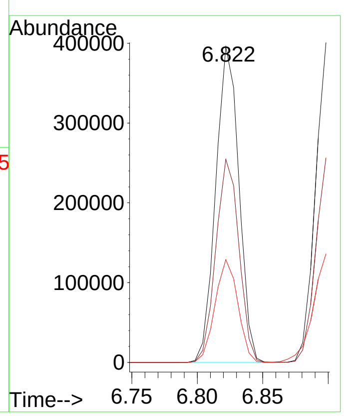




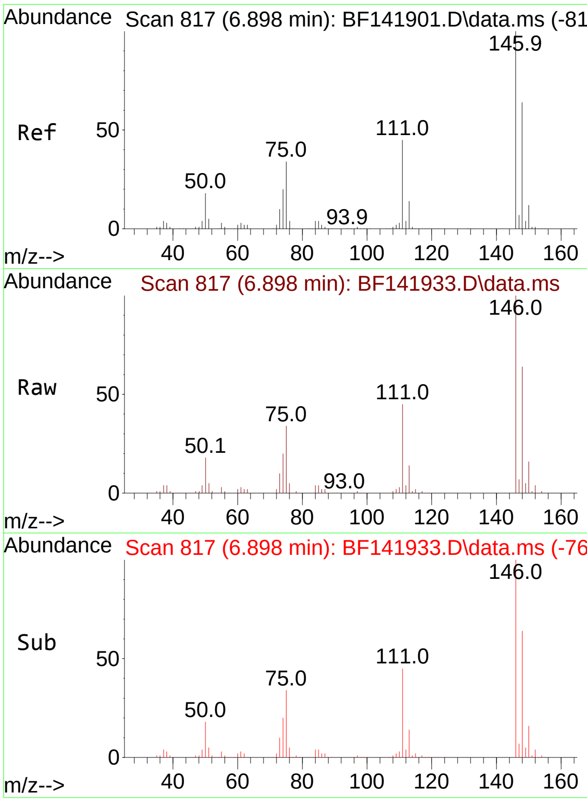
#12
1,3-Dichlorobenzene
Concen: 45.908 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:146 Resp: 488060

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.3	76.9
75	32.5	26.6	40.0



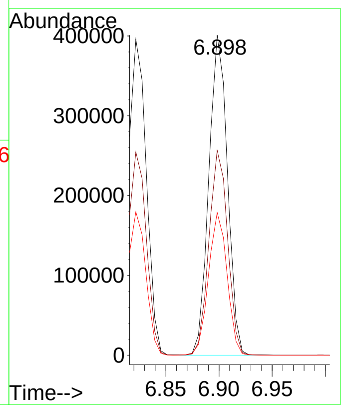
Instrument :
BNA_F
ClientSampleId :
PB167089BS

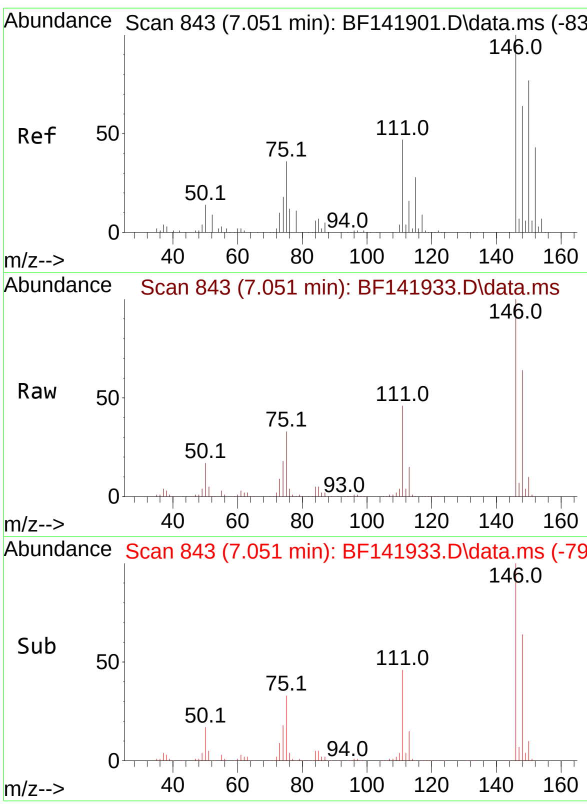


#13
1,4-Dichlorobenzene
Concen: 45.607 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:146 Resp: 490575

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
111	44.5	35.7	53.5

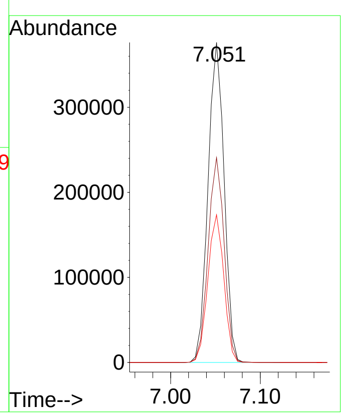




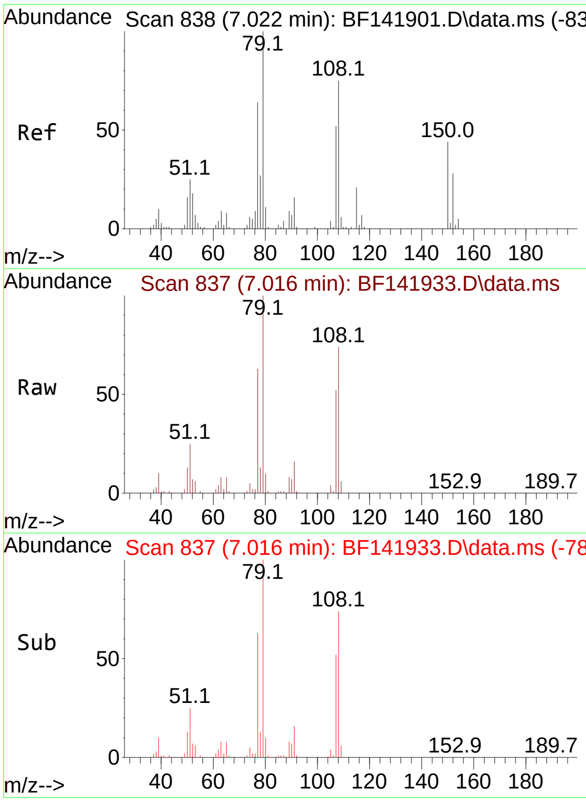
#14
1,2-Dichlorobenzene
Concen: 46.458 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:146 Resp: 470691

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	46.1	38.0	57.0



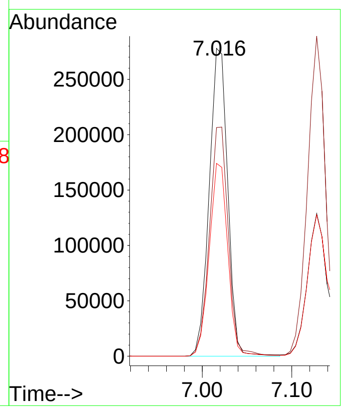
Instrument :
BNA_F
ClientSampleId :
PB167089BS

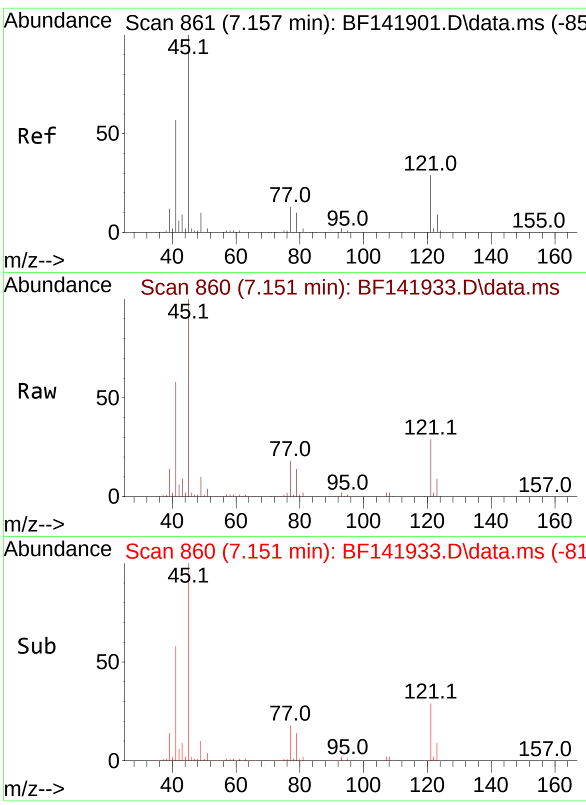


#15
Benzyl Alcohol
Concen: 43.587 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 79 Resp: 398351

Ion	Ratio	Lower	Upper
79	100		
108	74.2	59.7	89.5
77	62.6	51.0	76.6

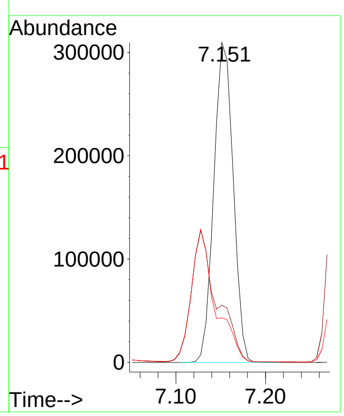




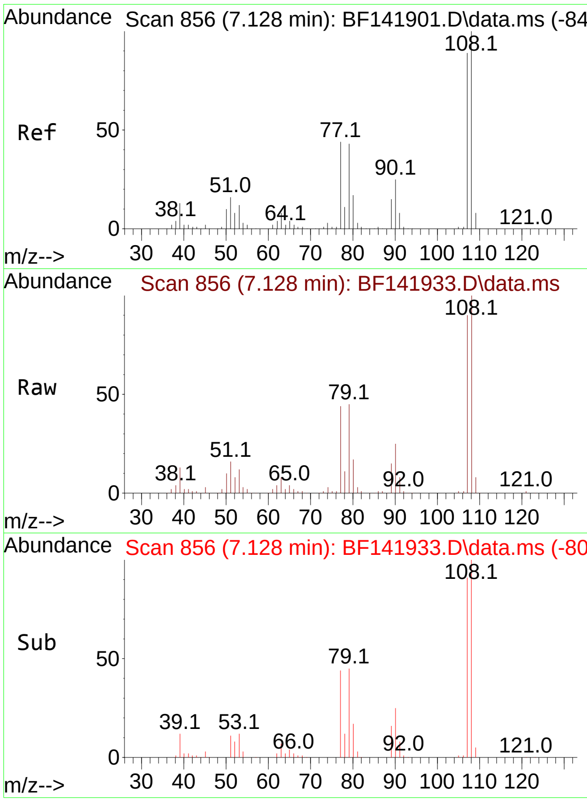
#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.223 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 45 Resp: 465995

Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	37.8
79	14.0	0.0	34.2



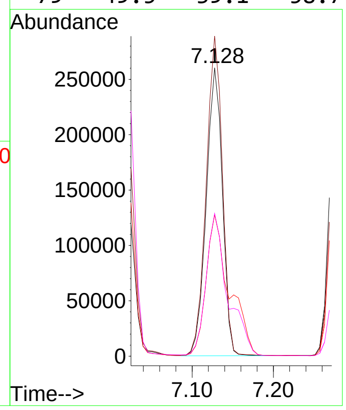
Instrument :
BNA_F
ClientSampleId :
PB167089BS

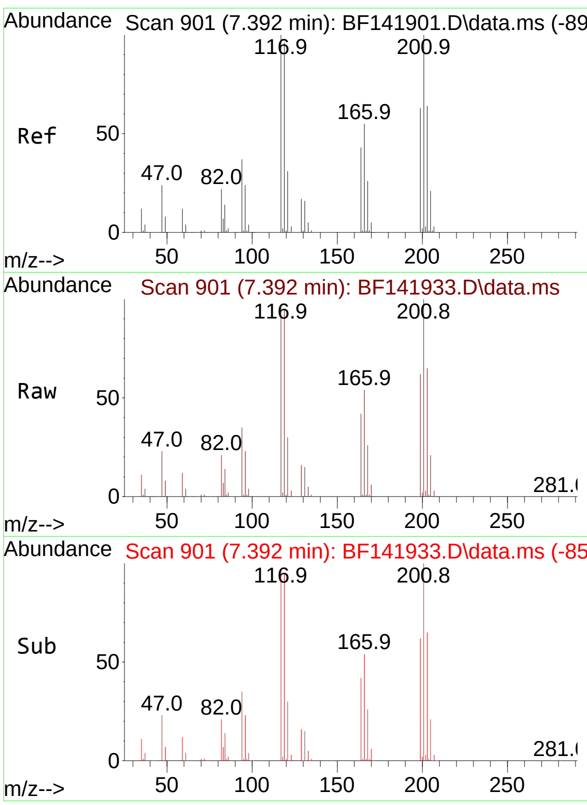


#17
2-Methylphenol
Concen: 45.806 ng
RT: 7.128 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:107 Resp: 358646

Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.2	135.2
77	49.0	39.6	59.4
79	49.5	39.1	58.7

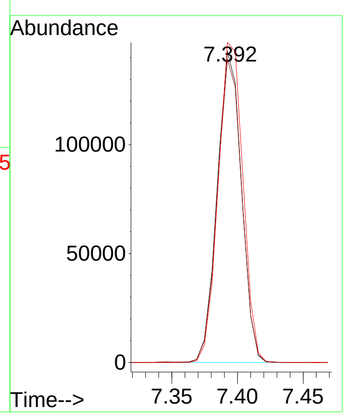




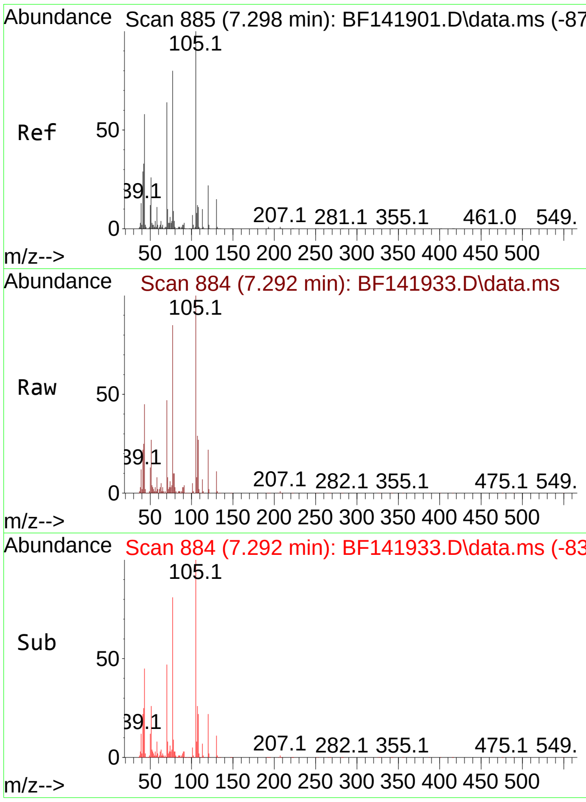
#18
Hexachloroethane
Concen: 45.443 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:117 Resp: 183301

Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.9	115.3
201	102.9	79.9	119.9



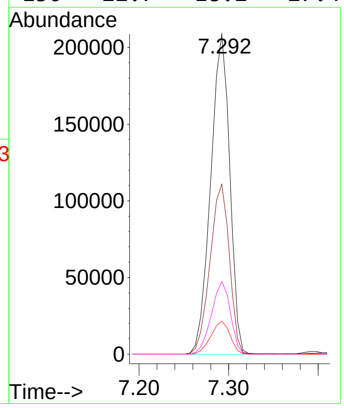
Instrument :
BNA_F
ClientSampleId :
PB167089BS

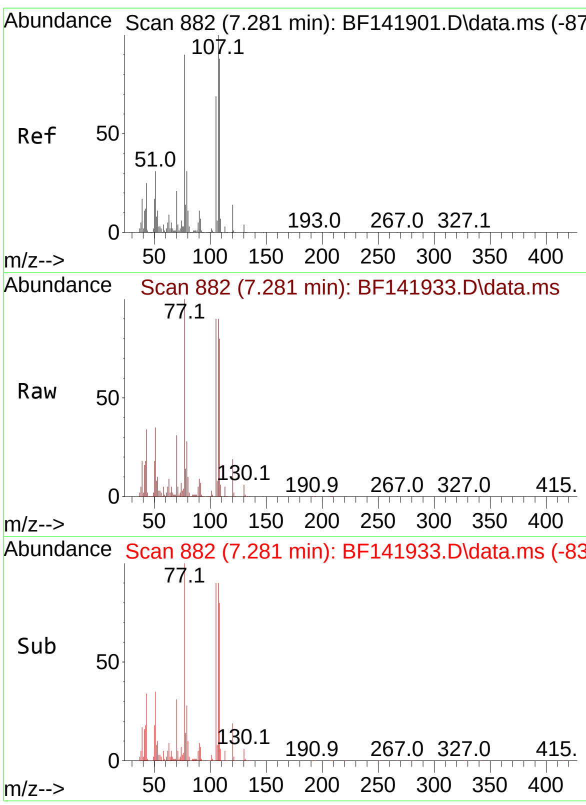


#19
n-Nitroso-di-n-propylamine
Concen: 42.540 ng
RT: 7.292 min   Scan# 8
Delta R.T.   -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 70 Resp: 309013

Ion	Ratio	Lower	Upper
70	100		
42	53.1	41.4	62.0
101	10.4	8.2	12.2
130	22.7	18.2	27.4

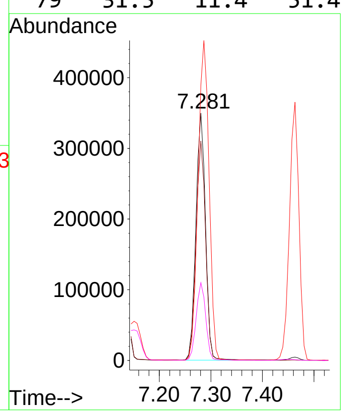




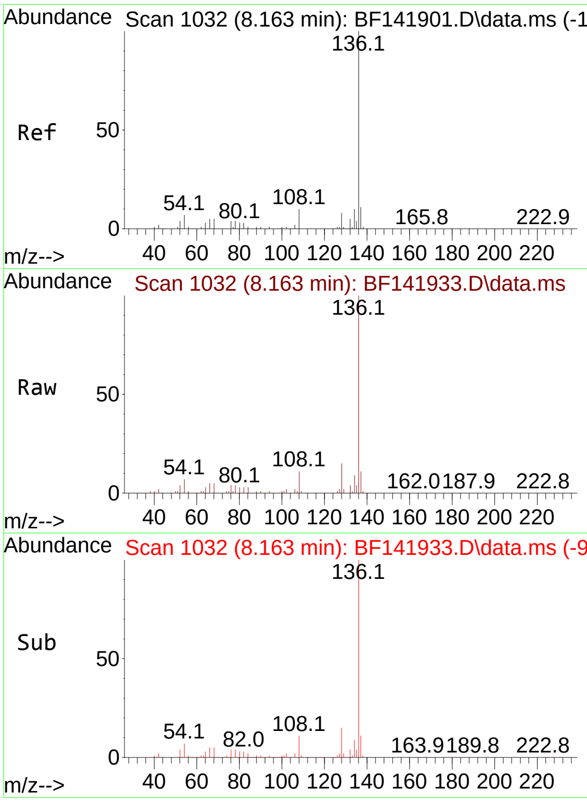
#20
3+4-Methylphenols
Concen: 45.048 ng
RT: 7.281 min   Scan# 882
Delta R.T.   0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:107 Resp: 451778

Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.4	108.4
77	111.4	69.7	109.7#
79	31.5	11.4	51.4



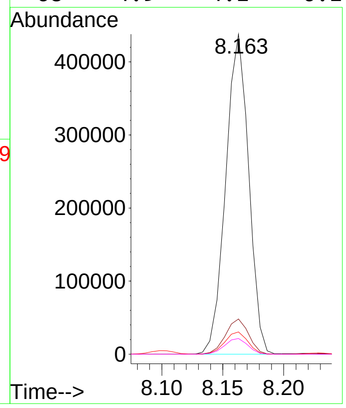
Instrument :
BNA_F
ClientSampleId :
PB167089BS

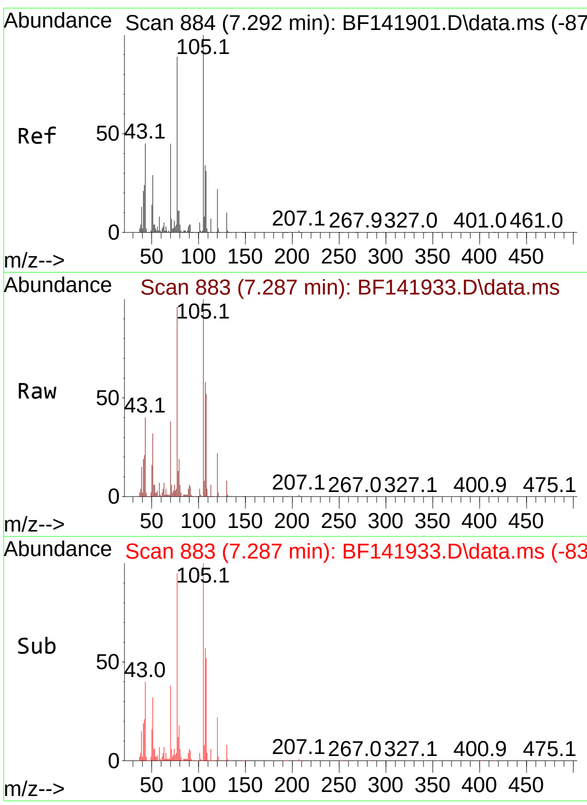


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:136 Resp: 574643

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.8	8.8
68	4.9	4.1	6.1

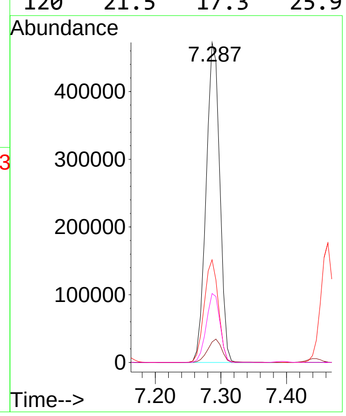




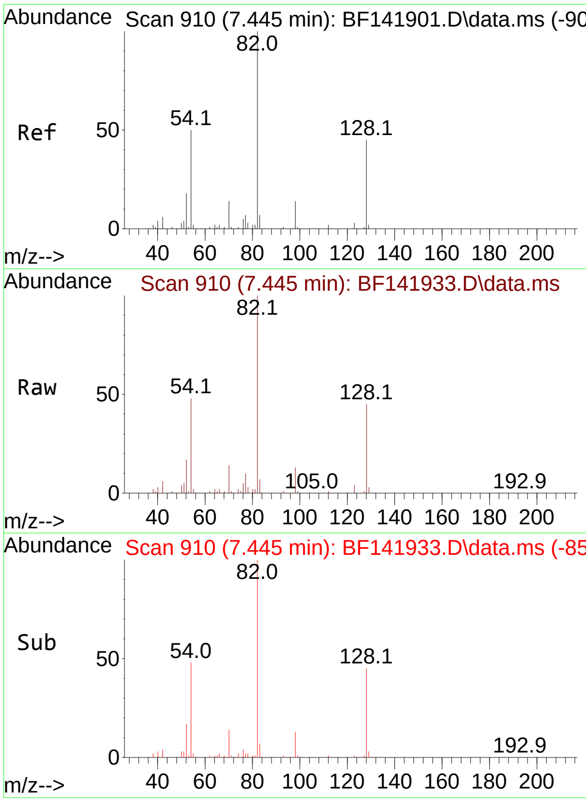
#22
Acetophenone
Concen: 49.941 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:105 Resp: 687250

Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.8	8.8
51	32.1	23.4	35.0
120	21.5	17.3	25.9



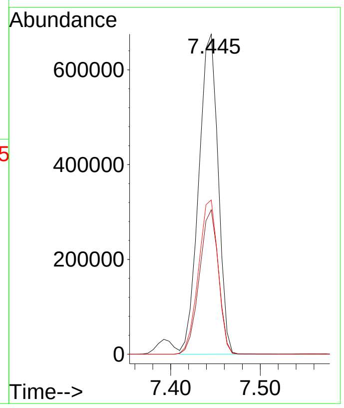
Instrument : BNA_F
ClientSampleId : PB167089BS

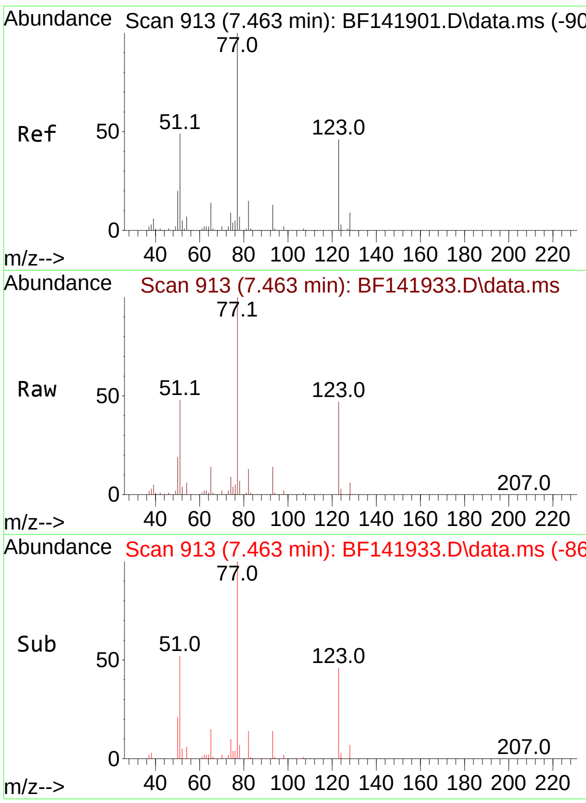


#23
Nitrobenzene-d5
Concen: 98.994 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 82 Resp: 1010849

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.0	54.0
54	48.2	39.6	59.4

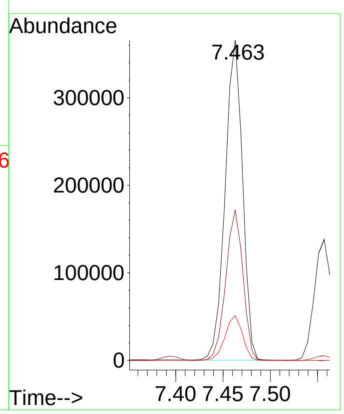


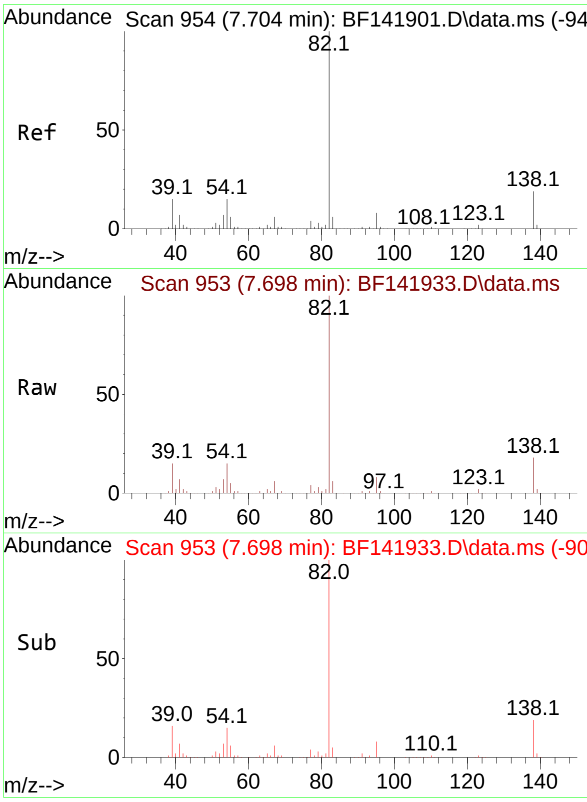


#24
Nitrobenzene
Concen: 46.098 ng
RT: 7.463 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 77 Resp: 467944

Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.0	55.4
65	14.0	11.3	16.9



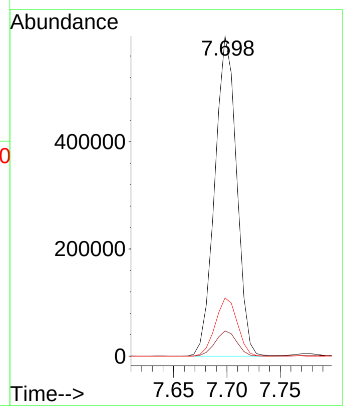


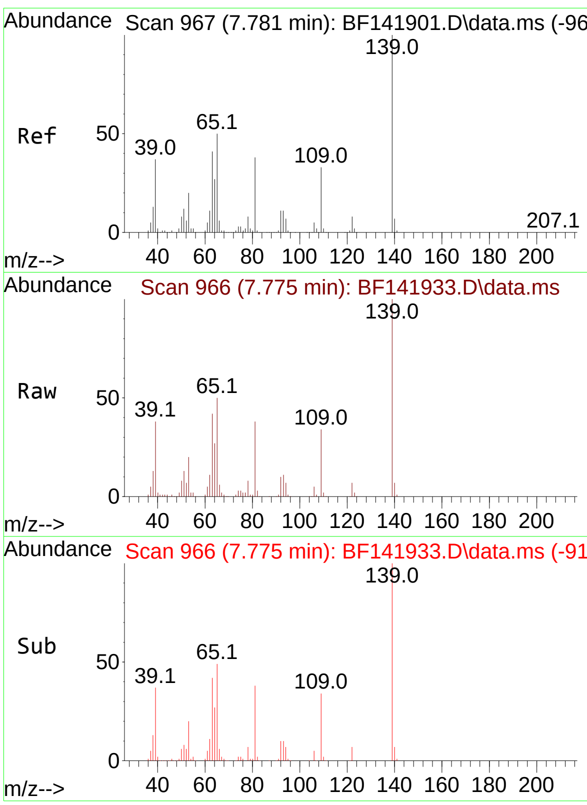
#25
Isophorone
Concen: 47.124 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167089BS

Tgt Ion: 82 Resp: 850583

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.4	9.6
138	18.2	14.9	22.3

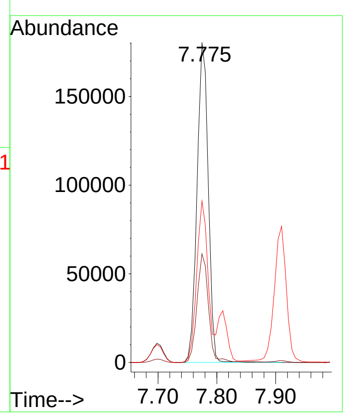




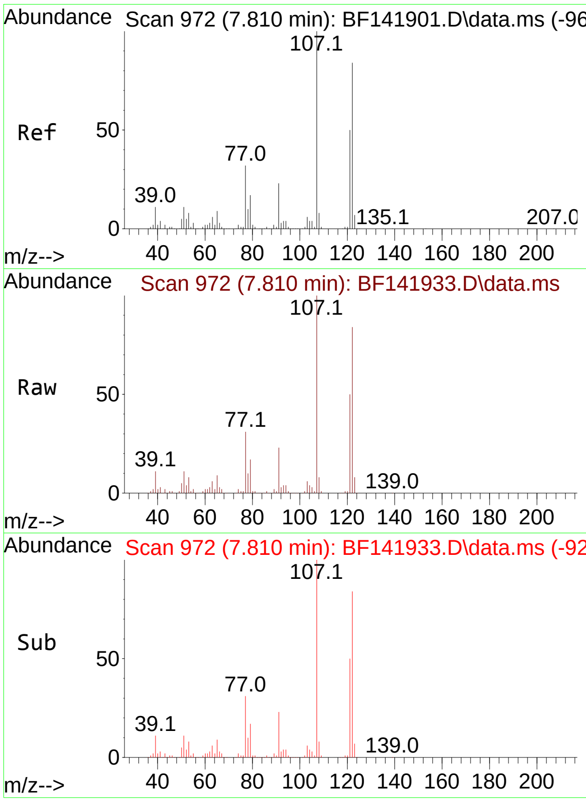
#26
2-Nitrophenol
Concen: 48.106 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:139 Resp: 239671

Ion	Ratio	Lower	Upper
139	100		
109	34.0	26.5	39.7
65	50.4	40.3	60.5



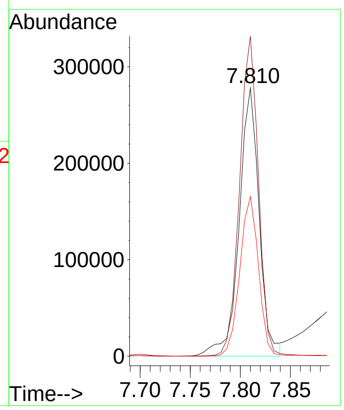
Instrument :
BNA_F
ClientSampleId :
PB167089BS

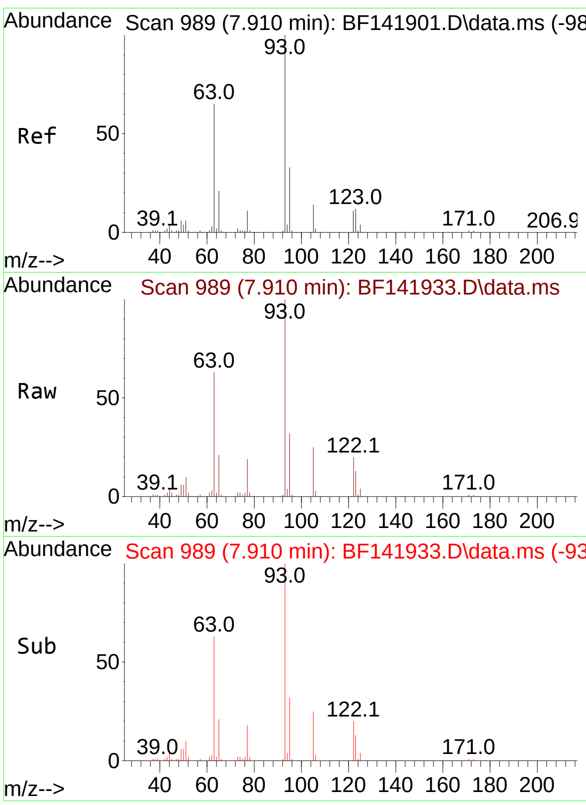


#27
2,4-Dimethylphenol
Concen: 56.466 ng
RT: 7.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:122 Resp: 387374

Ion	Ratio	Lower	Upper
122	100		
107	119.2	94.8	142.2
121	59.6	47.8	71.6

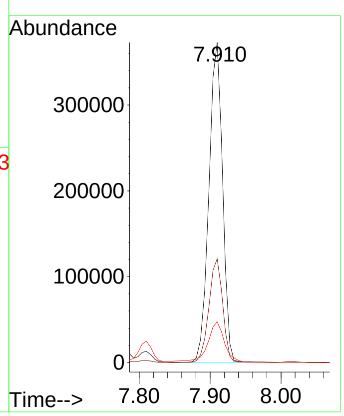




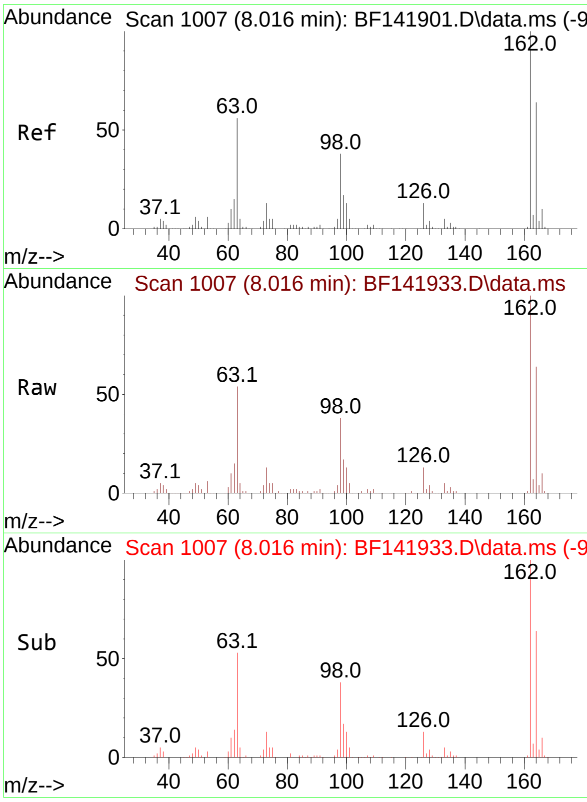
#28
bis(2-Chloroethoxy)methane
Concen: 44.279 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 93 Resp: 501289

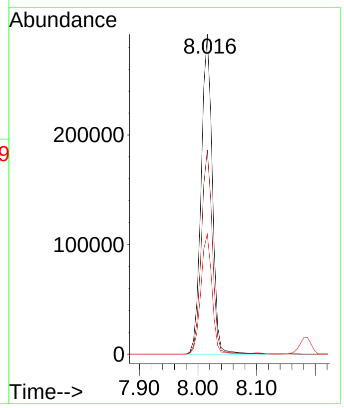
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	40.0
123	12.7	10.2	15.4

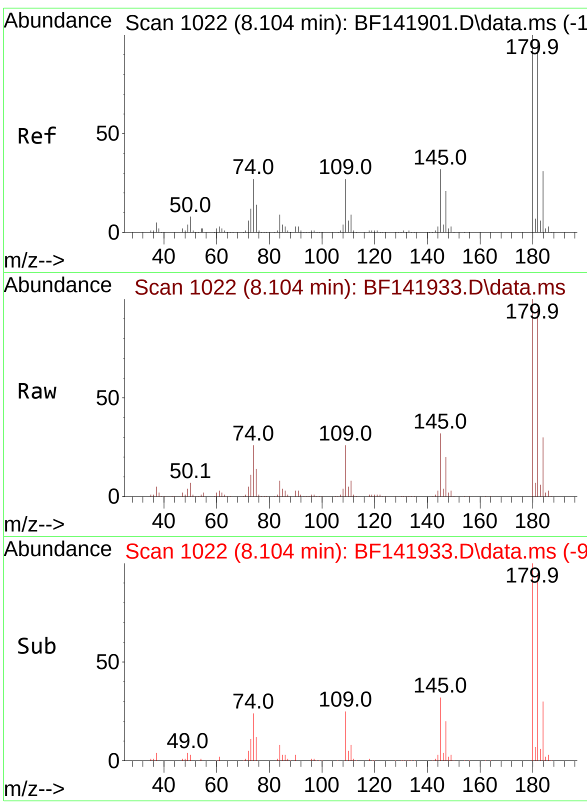


Instrument : BNA_F
ClientSampleId : PB167089BS

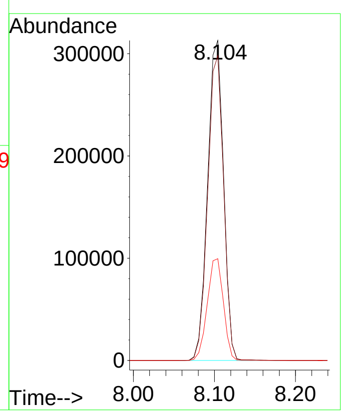



```
#29
2,4-Dichlorophenol
Concen:   45.270 ng
RT:   8.016 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141933.D
Acq: 12 Mar 2025  11:06

Tgt Ion:162 Resp:  385481
Ion  Ratio  Lower  Upper
162  100
164   63.8   43.8   83.8
 98   37.5   18.1   58.1
```



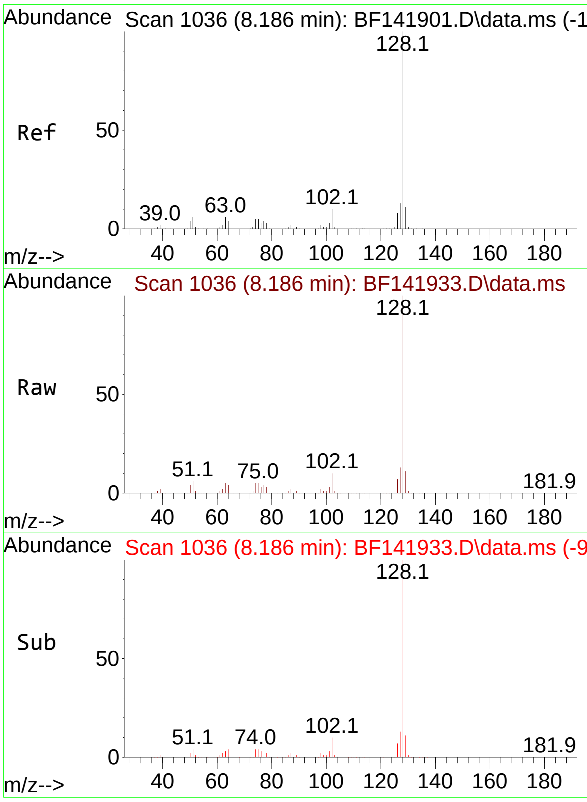



```
#30
1,2,4-Trichlorobenzene
Concen:   45.558 ng
RT:   8.104 min  Scan# 1022
Delta R.T.  0.000 min
Lab File:   BF141933.D
Acq: 12 Mar 2025  11:06

Tgt Ion:180 Resp:  427516
Ion  Ratio  Lower  Upper
180  100
182   95.3   77.5  116.3
145   31.8   25.8   38.6
```



Sample Results: **BF141933.D**

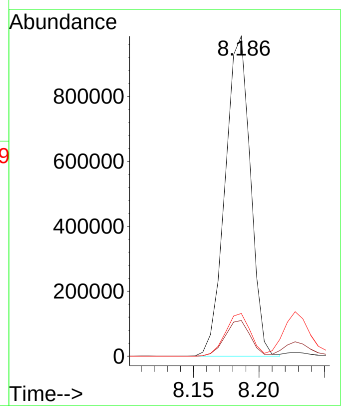
Instrument : BNA_F
ClientSampleId : PB167089BS

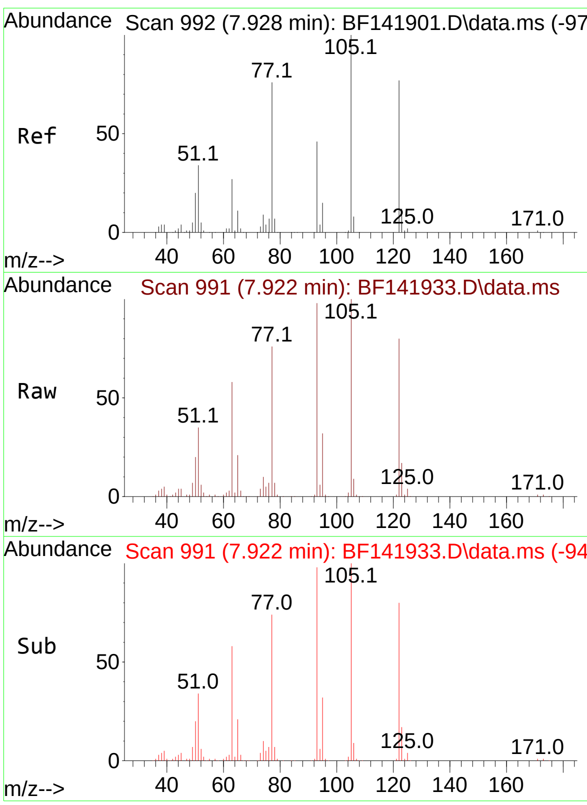


#31
Naphthalene
Concen: 44.760 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:128 Resp: 1321235

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.4	10.8	16.2

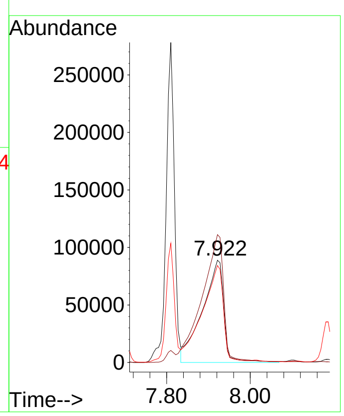




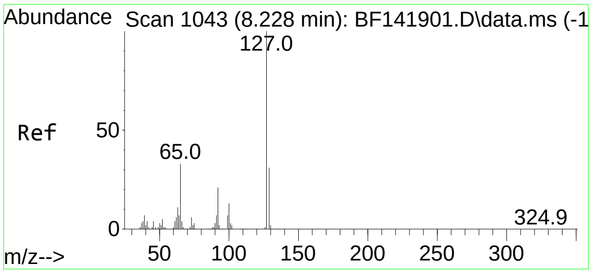
#32
Benzoic acid
Concen: 52.706 ng m
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

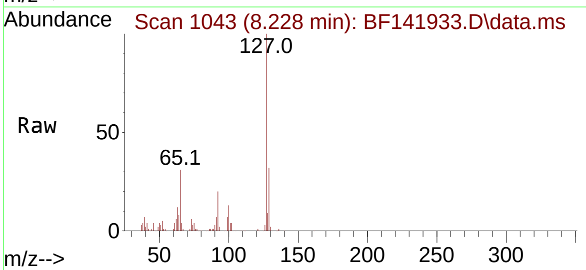
Tgt Ion:122 Resp: 317837

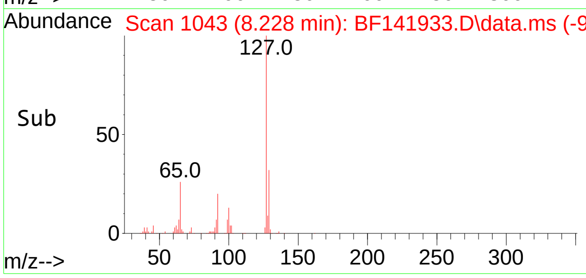
Ion	Ratio	Lower	Upper
122	100		
105	125.0	107.9	147.9
77	94.9	79.0	119.0



Instrument :
BNA_F
ClientSampleId :
PB167089BS



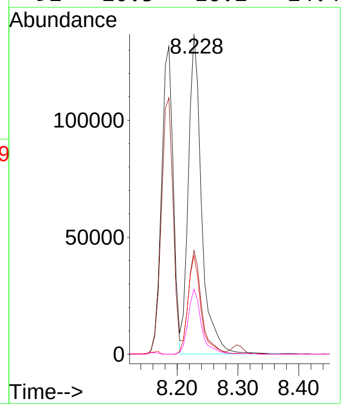


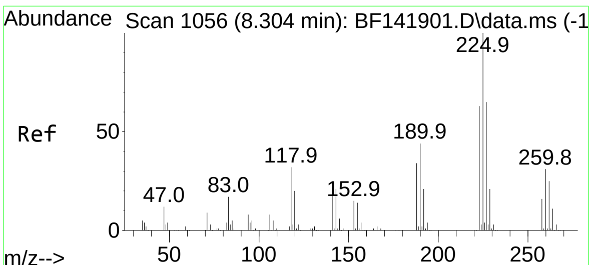


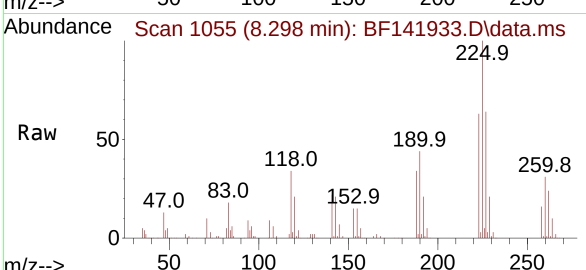
#33
4-Chloroaniline
Concen: 19.797 ng
RT: 8.228 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

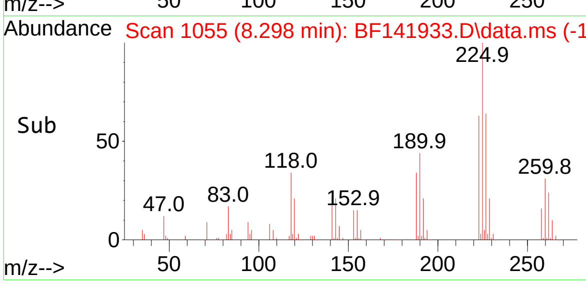
Tgt Ion:127 Resp: 206292

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	30.8	25.4	38.2
92	20.3	16.2	24.4





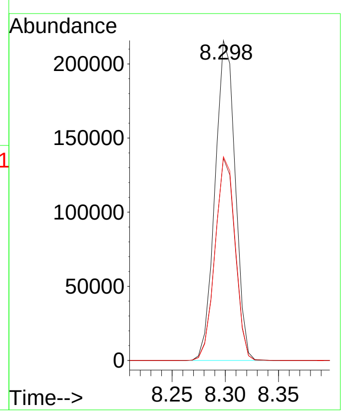




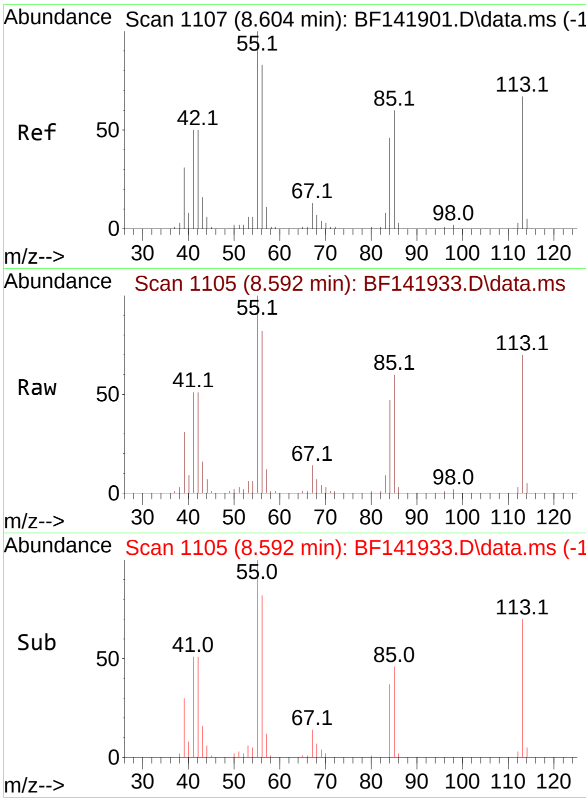
#34
Hexachlorobutadiene
Concen: 46.419 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:225 Resp: 284074

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	63.7	52.2	78.2



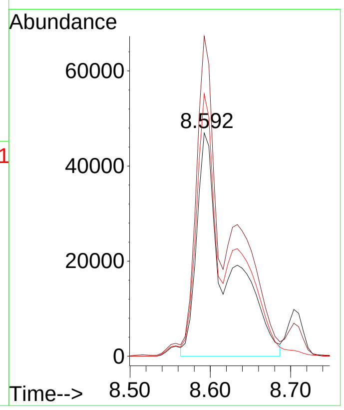
Instrument :
BNA_F
ClientSampleId :
PB167089BS

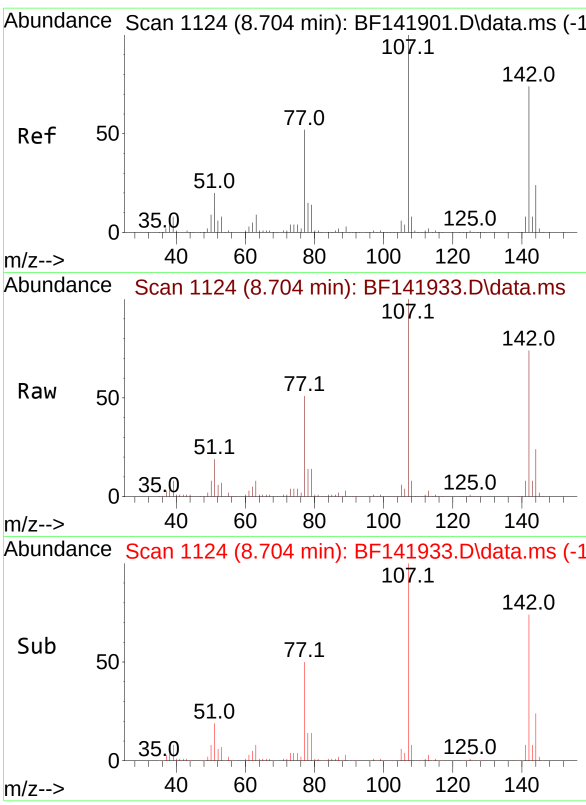


#35
Caprolactam
Concen: 48.601 ng m
RT: 8.592 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:113 Resp: 126171

Ion	Ratio	Lower	Upper
113	100		
55	143.4	129.6	169.6
56	117.6	104.0	144.0

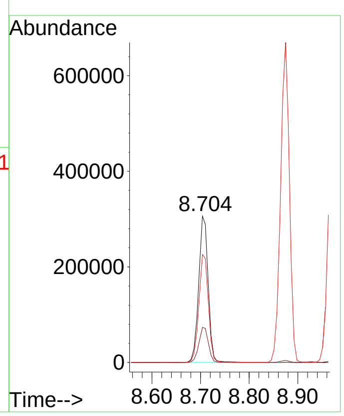




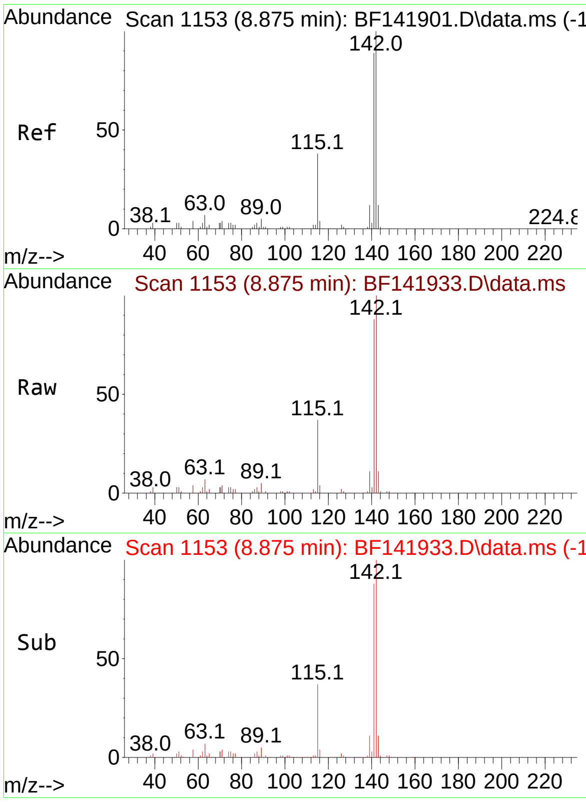
#36
4-Chloro-3-methylphenol
Concen: 44.066 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:107 Resp: 418572

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.0	28.6
142	73.8	59.2	88.8



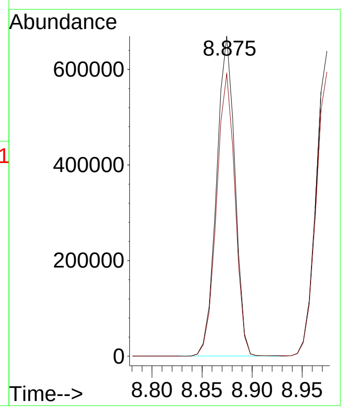
Instrument :
BNA_F
ClientSampleId :
PB167089BS

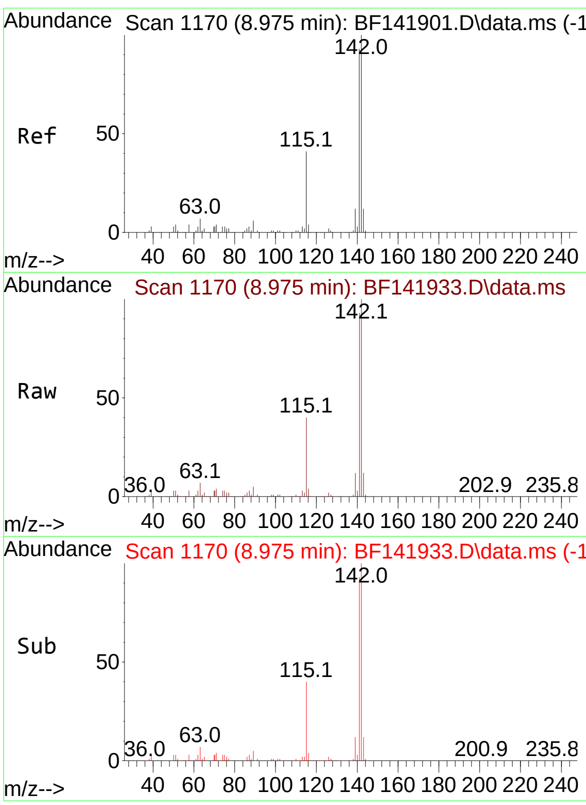


#37
2-Methylnaphthalene
Concen: 43.292 ng
RT: 8.875 min   Scan# 1
Delta R.T.   0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025   11:06

Tgt Ion:142 Resp: 854174

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.2	106.8

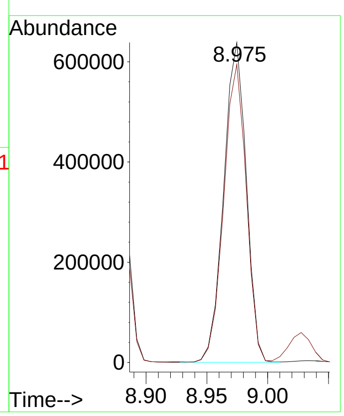


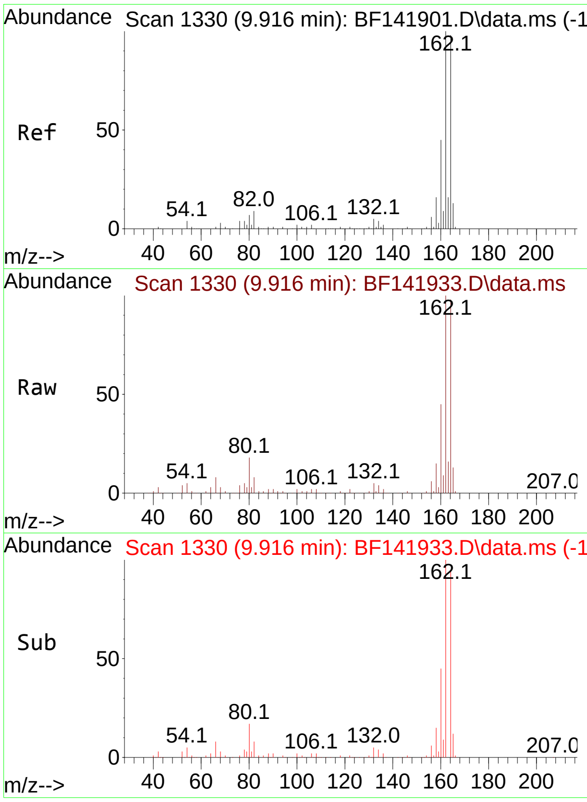


#38
1-Methylnaphthalene
Concen: 43.446 ng
RT: 8.975 min   Scan# 1170
Delta R.T.   0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025   11:06

Tgt Ion:142 Resp: 827198

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.4



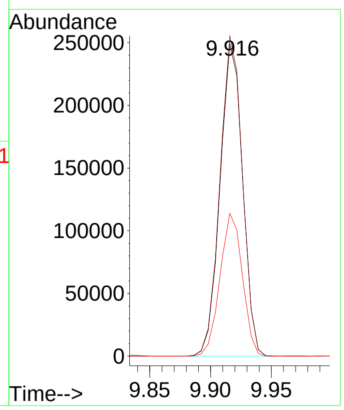


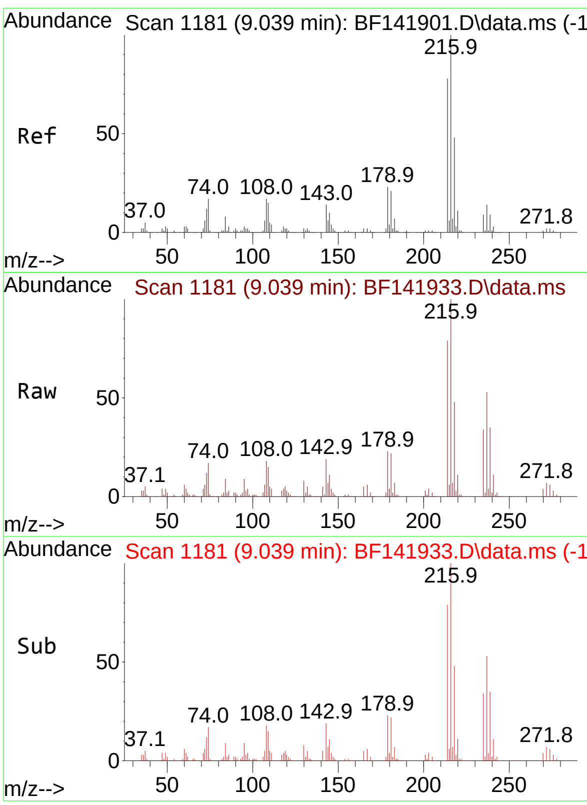
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167089BS

Tgt Ion:164 Resp: 321155

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.8	122.6
160	45.7	36.7	55.1

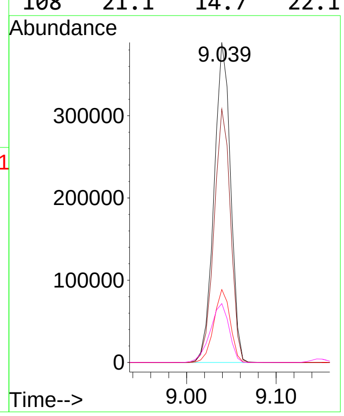




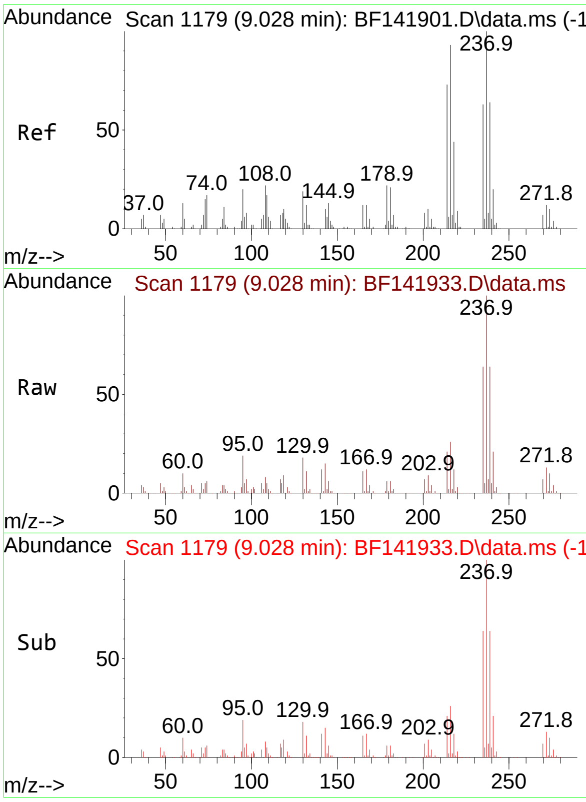
#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.138 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:216 Resp: 500018

Ion	Ratio	Lower	Upper
216	100		
214	79.0	61.9	92.9
179	22.5	18.1	27.1
108	21.1	14.7	22.1



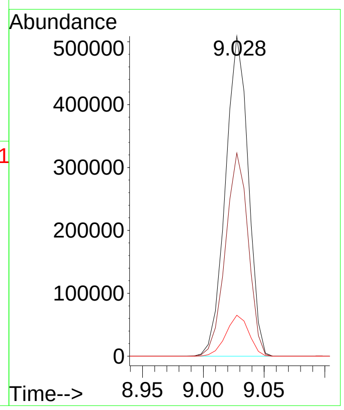
Instrument :
BNA_F
ClientSampleId :
PB167089BS

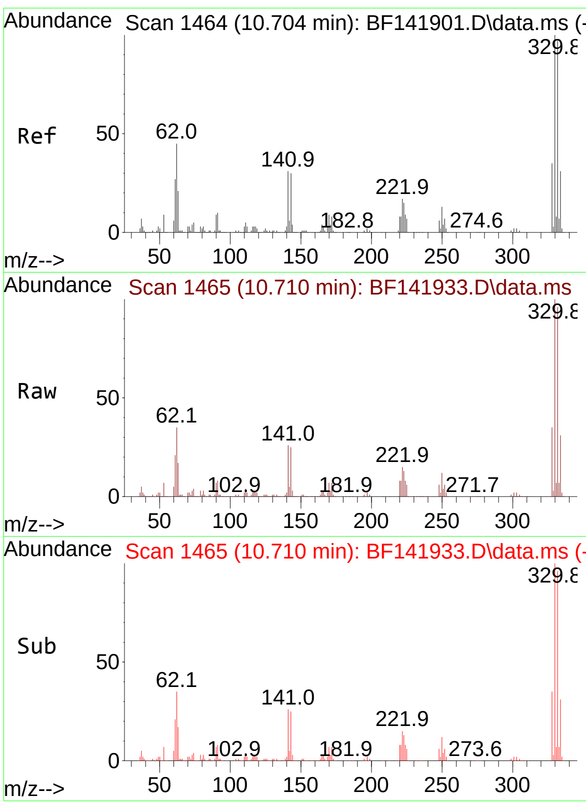


#41
Hexachlorocyclopentadiene
Concen: 173.697 ng
RT: 9.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:237 Resp: 664678

Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.1	83.1
272	12.8	0.0	32.0

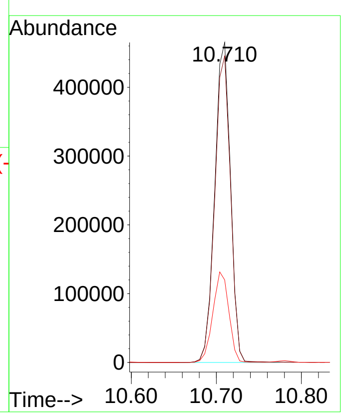




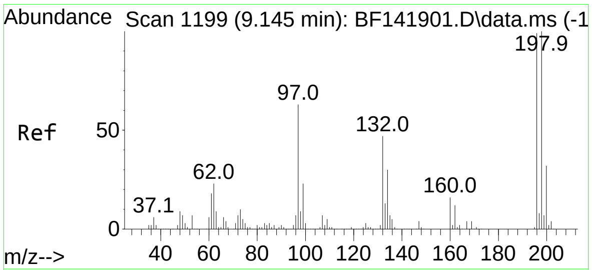
#42
2,4,6-Tribromophenol
Concen: 147.102 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

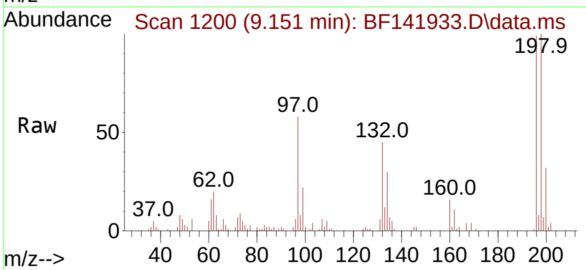
Tgt Ion:330 Resp: 599334

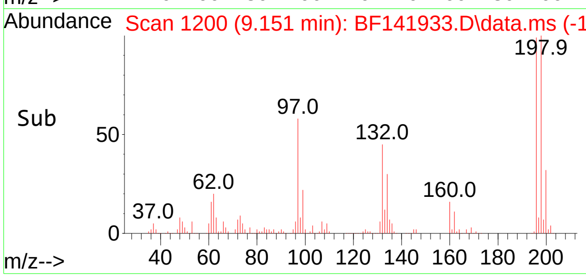
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	28.7	24.7	37.1



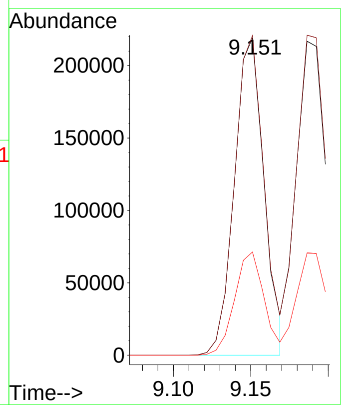
Instrument :
BNA_F
ClientSampleId :
PB167089BS

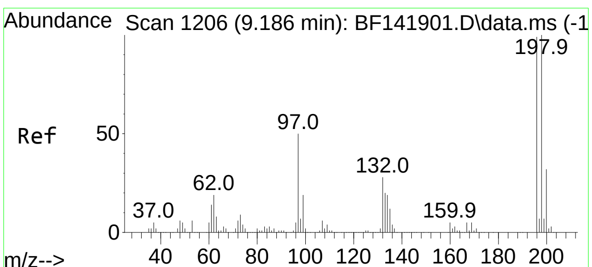


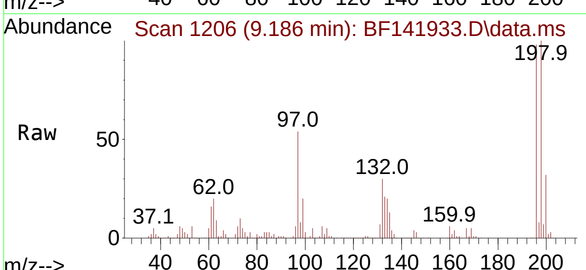


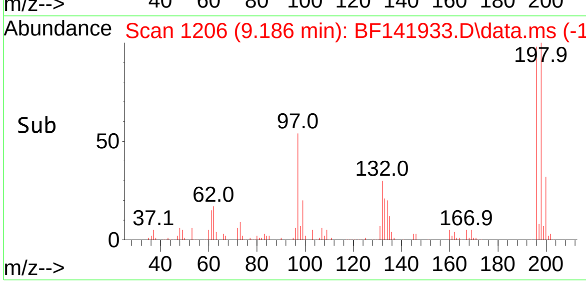



```
#43
2,4,6-Trichlorophenol
Concen:   45.544 ng
RT:   9.151 min  Scan# 1
Delta R.T.  0.006 min
Lab File:   BF141933.D
Acq: 12 Mar 2025  11:06

Tgt Ion:196 Resp:  291035
Ion  Ratio  Lower  Upper
196  100
198  100.8   80.6  121.0
200   32.6   25.8   38.6
```

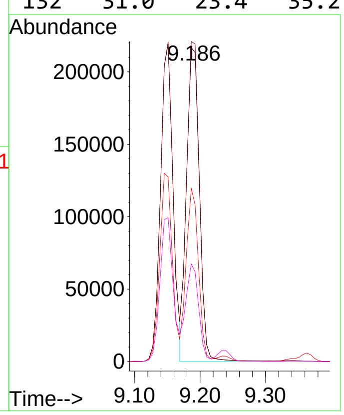


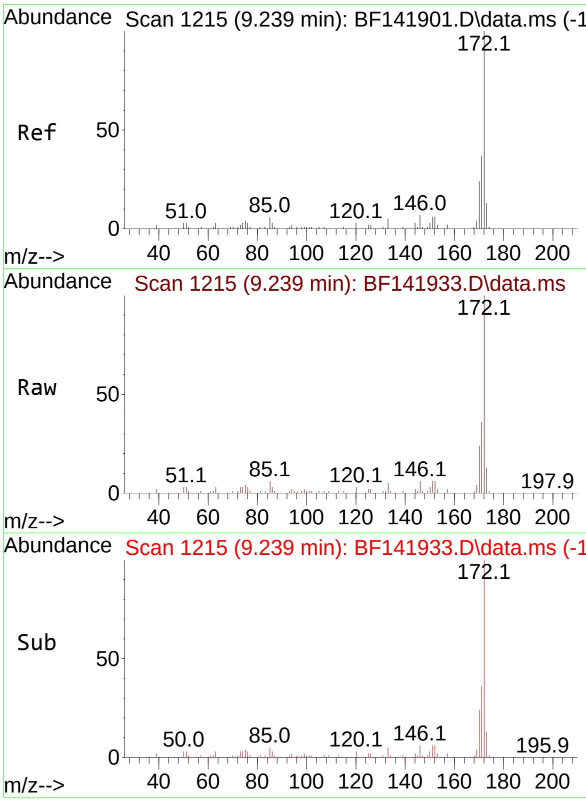







```
#44
2,4,5-Trichlorophenol
Concen:   45.578 ng
RT:   9.186 min  Scan# 1206
Delta R.T.  0.000 min
Lab File:   BF141933.D
Acq: 12 Mar 2025  11:06

Tgt Ion:196 Resp:  294986
Ion  Ratio  Lower  Upper
196  100
198  101.9   80.7  121.1
 97   55.1   42.1   63.1
132   31.0   23.4   35.2
```



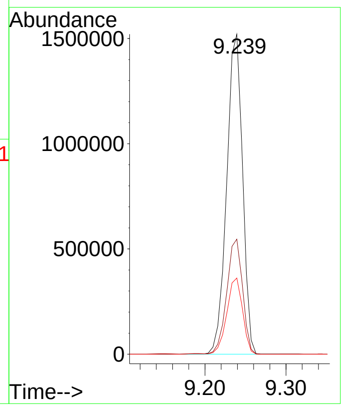


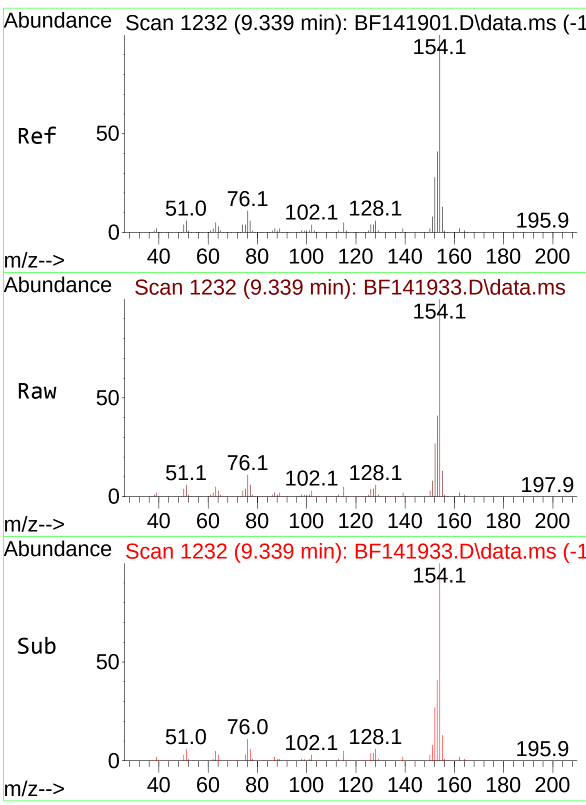
#45
2-Fluorobiphenyl
Concen: 98.063 ng
RT: 9.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167089BS

Tgt Ion:172 Resp: 2070832

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.3	43.9
170	23.8	19.4	29.0

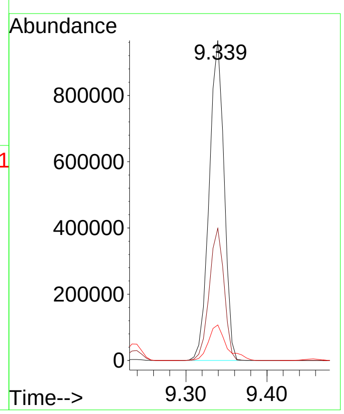




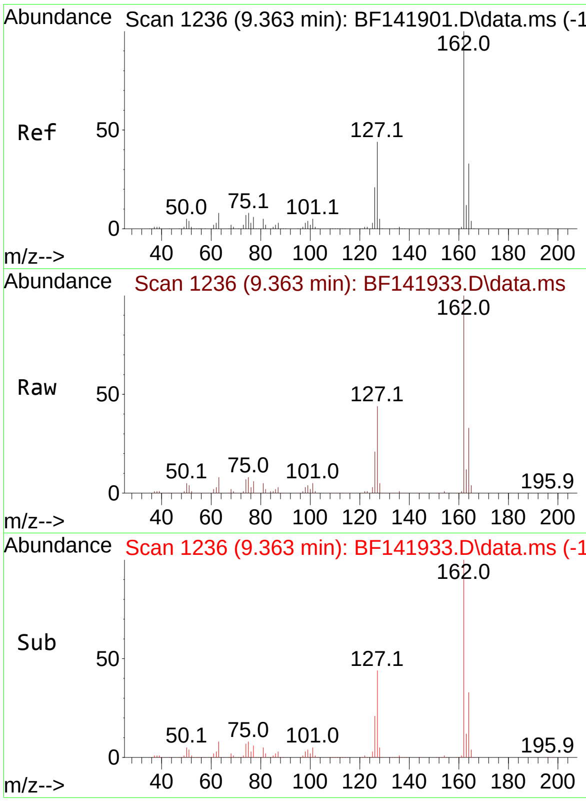
#46
1,1'-Biphenyl
Concen: 50.420 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:154 Resp: 1230333

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.1	61.1
76	11.1	0.0	31.3



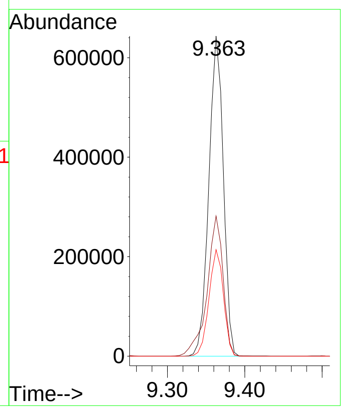
Instrument :
BNA_F
ClientSampleId :
PB167089BS

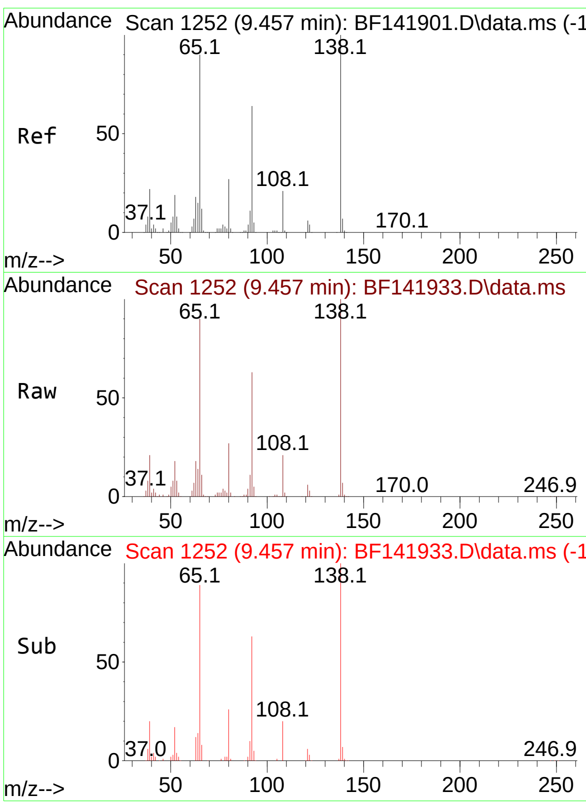


#47
2-Chloronaphthalene
Concen: 46.119 ng
RT: 9.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:162 Resp: 838808

Ion	Ratio	Lower	Upper
162	100		
127	43.8	35.5	53.3
164	33.3	26.6	40.0

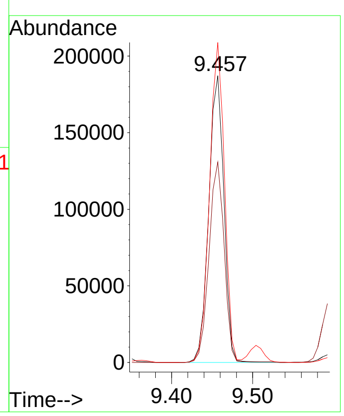




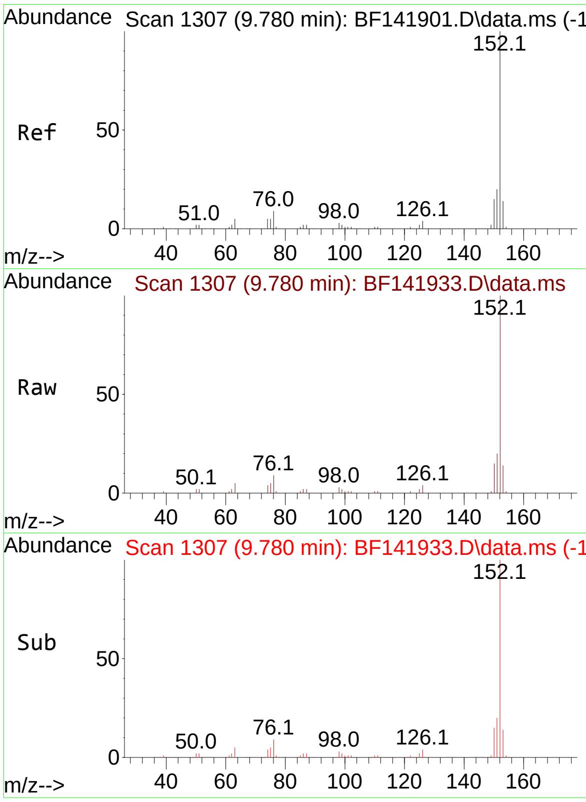
#48
2-Nitroaniline
Concen: 46.151 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 65 Resp: 243037

Ion	Ratio	Lower	Upper
65	100		
92	69.9	56.6	84.8
138	111.6	88.6	133.0



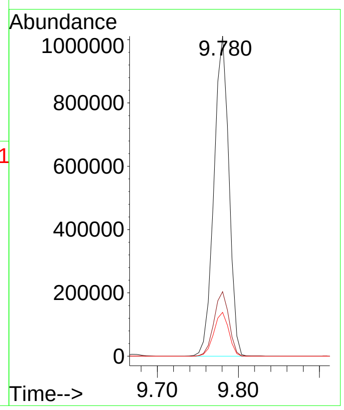
Instrument :
BNA_F
ClientSampleId :
PB167089BS

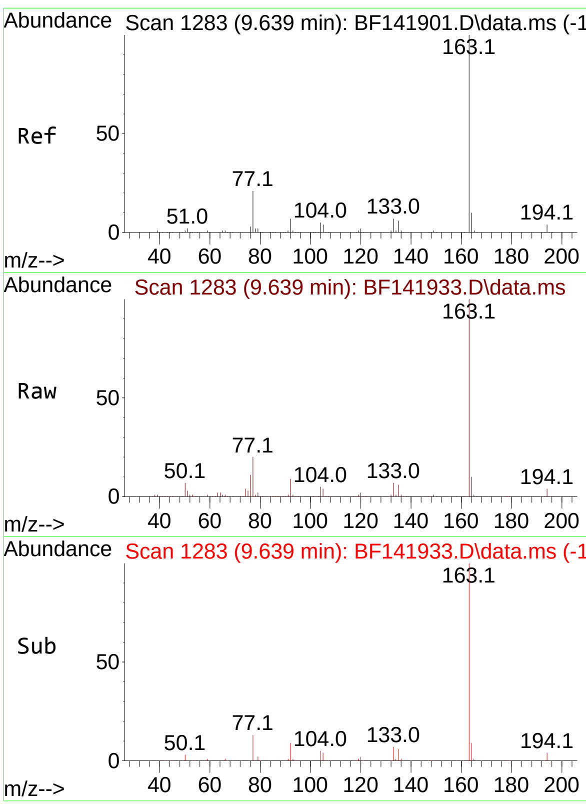


#49
Acenaphthylene
Concen: 48.244 ng
RT: 9.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:152 Resp: 1302110

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.7	11.1	16.7

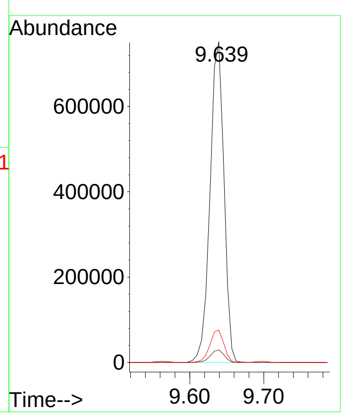




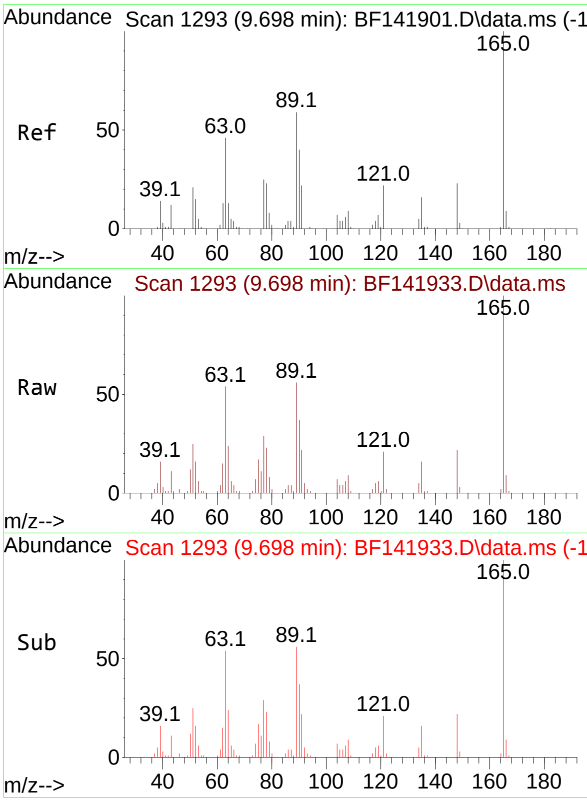
#50
Dimethylphthalate
Concen: 43.806 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:163 Resp: 985182

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.1	8.2	12.4



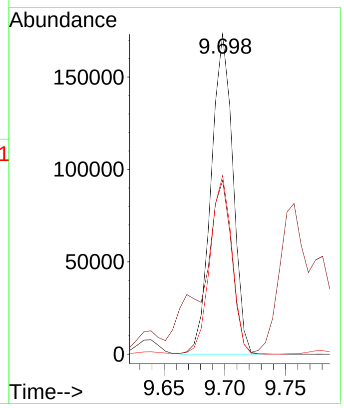
Instrument :
BNA_F
ClientSampleId :
PB167089BS

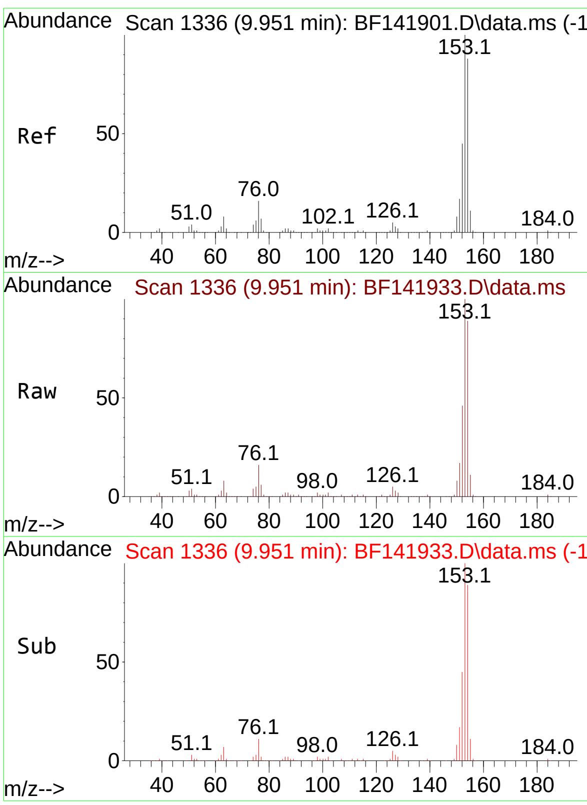


#51
2,6-Dinitrotoluene
Concen: 46.119 ng
RT: 9.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:165 Resp: 215955

Ion	Ratio	Lower	Upper
165	100		
63	54.3	47.0	70.4
89	55.8	47.4	71.2

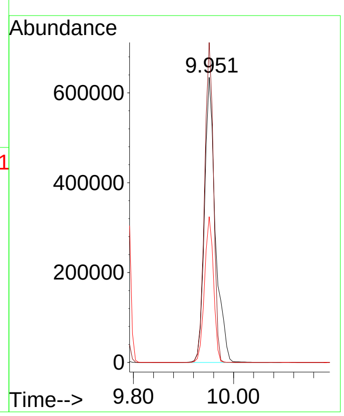




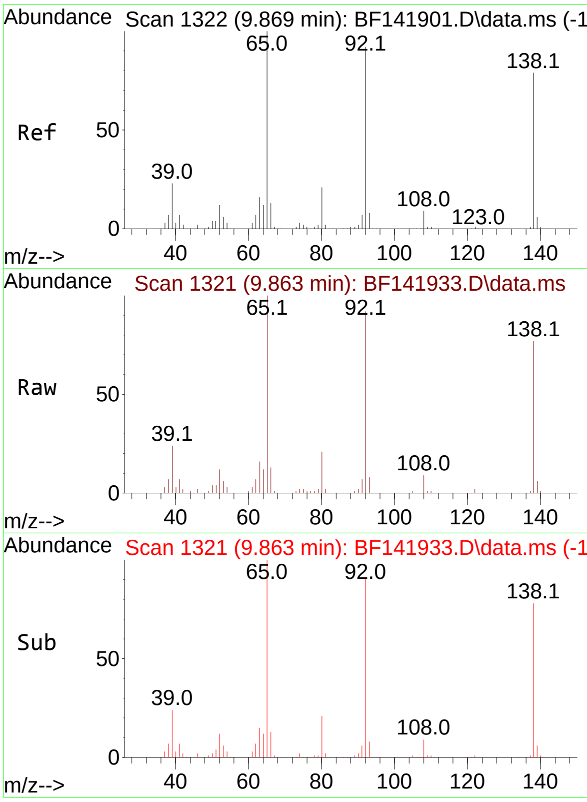
#52
Acenaphthene
Concen: 50.789 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:154 Resp: 963331

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.7	136.1
152	51.1	41.1	61.7



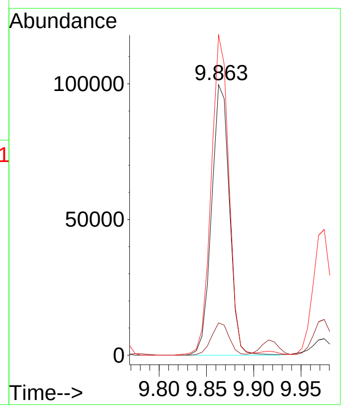
Instrument :
BNA_F
ClientSampleId :
PB167089BS

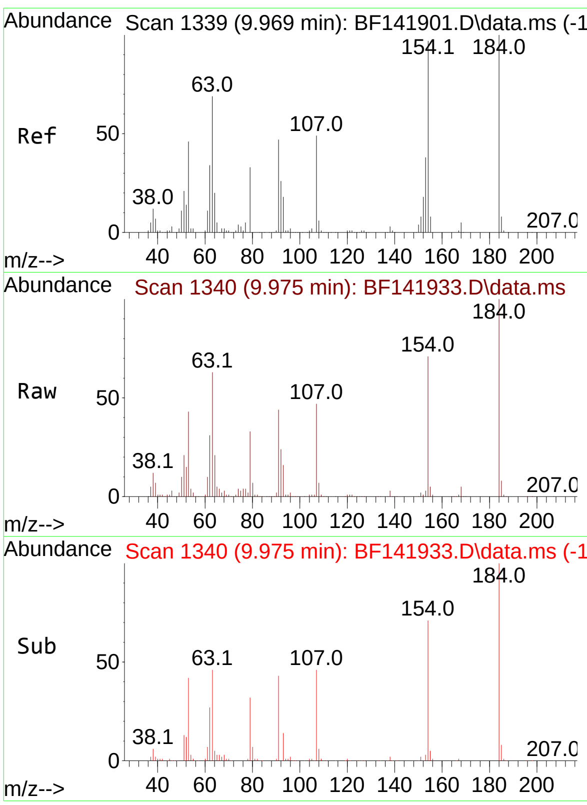


#53
3-Nitroaniline
Concen: 27.567 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:138 Resp: 130937

Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.3	13.9
92	118.3	93.5	140.3

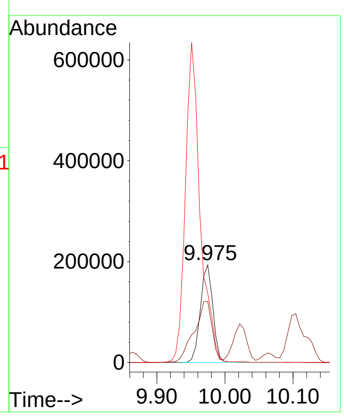




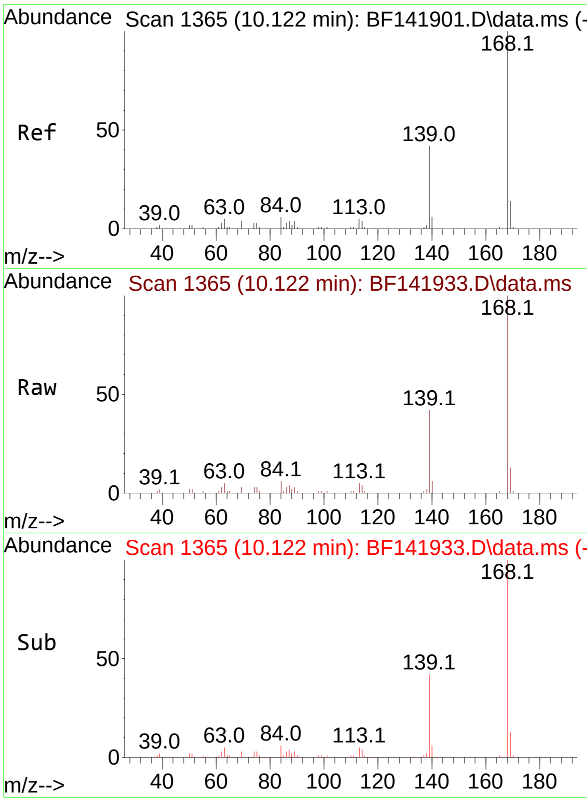
#54
2,4-Dinitrophenol
Concen: 92.778 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:184 Resp: 249881

Ion	Ratio	Lower	Upper
184	100		
63	62.7	60.2	90.4
154	71.1	132.9	199.3#



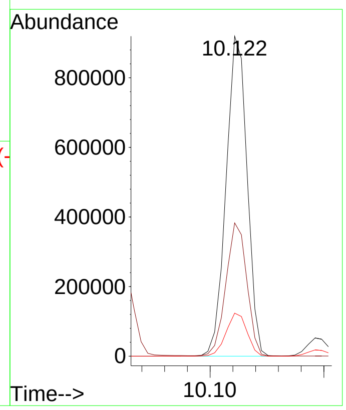
Instrument :
BNA_F
ClientSampleId :
PB167089BS

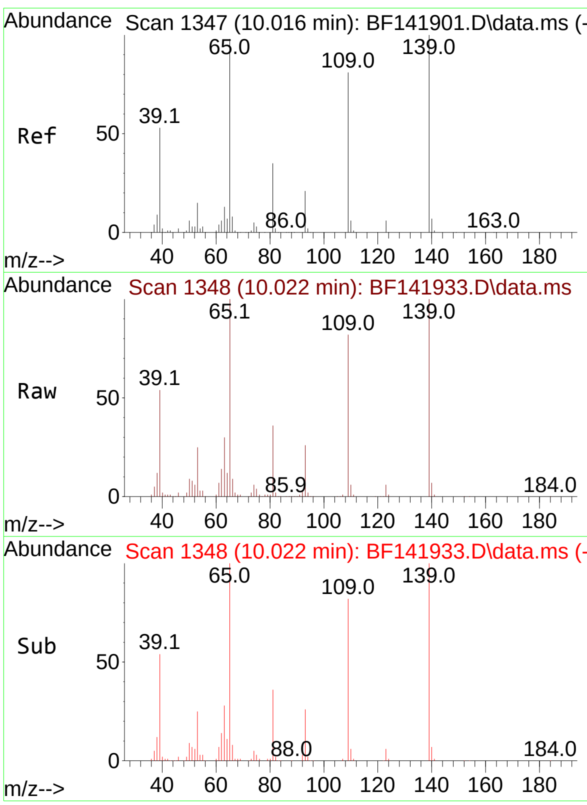


#55
Dibenzofuran
Concen: 43.683 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:168 Resp: 1183906

Ion	Ratio	Lower	Upper
168	100		
139	41.6	33.9	50.9
169	13.5	11.0	16.4

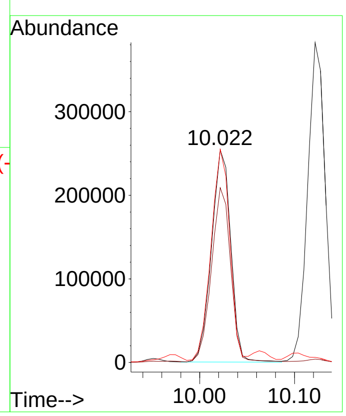




#56
4-Nitrophenol
Concen: 100.208 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

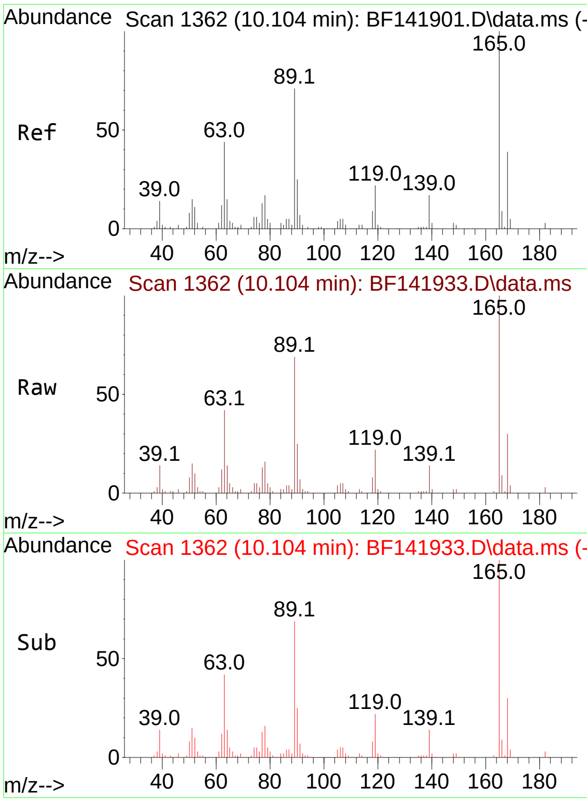
Tgt Ion:139 Resp: 358943

Ion	Ratio	Lower	Upper
139	100		
109	82.1	61.6	101.6
65	100.2	79.4	119.4



Sample Results: **BF141933.D**

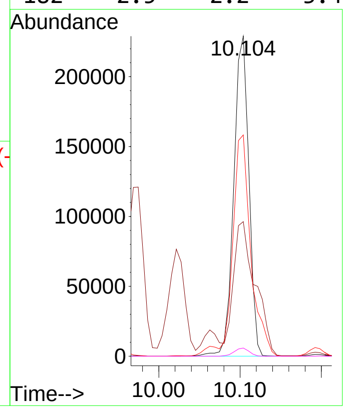
Instrument : BNA_F
ClientSampleId : PB167089BS

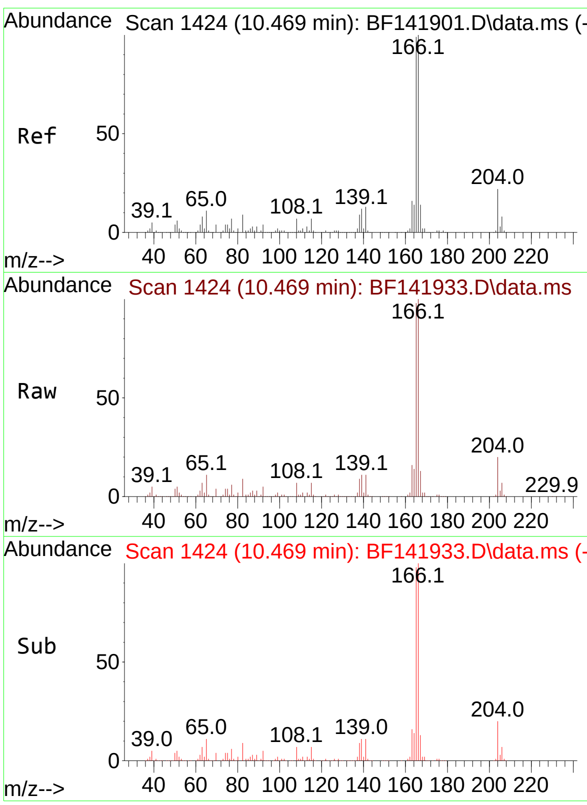


#57
2,4-Dinitrotoluene
Concen: 48.270 ng
RT: 10.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:165 Resp: 295215

Ion	Ratio	Lower	Upper
165	100		
63	42.1	35.4	53.2
89	69.2	56.6	84.8
182	2.5	2.2	3.4

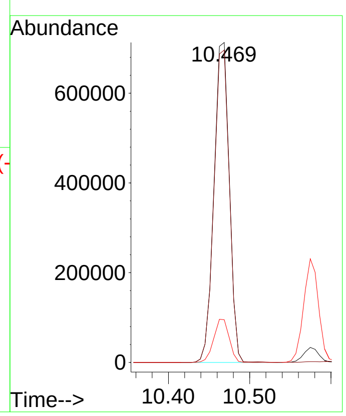




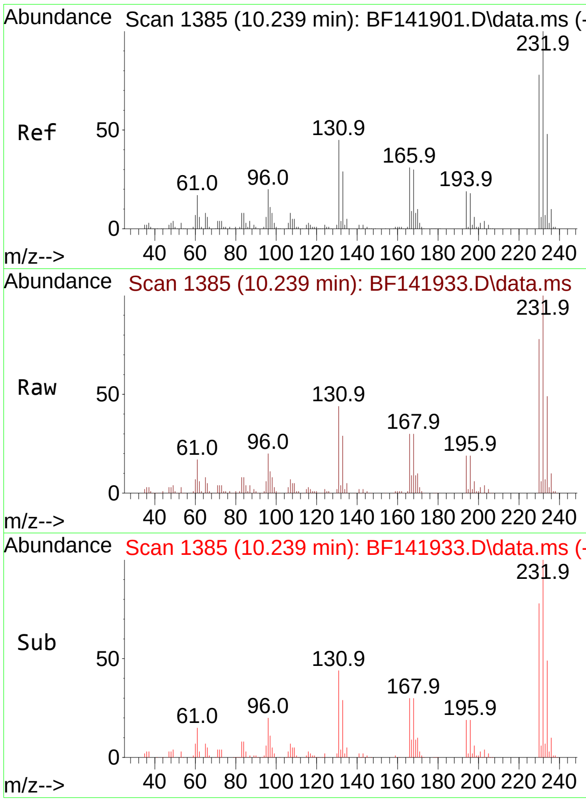
#58
Fluorene
Concen: 44.903 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:166 Resp: 938488

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.4
167	13.4	11.0	16.4



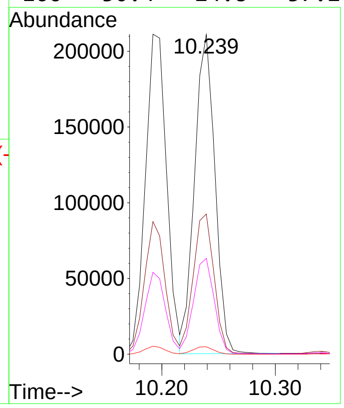
Instrument :
BNA_F
ClientSampleId :
PB167089BS

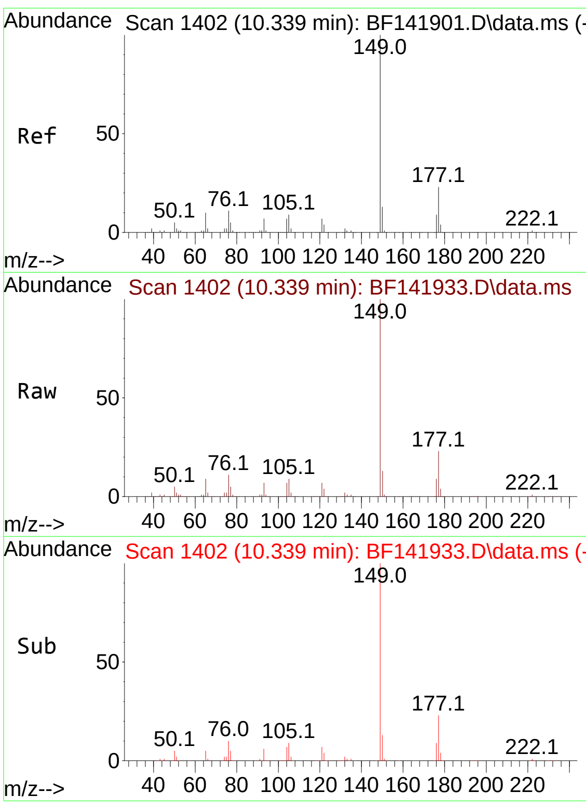


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.693 ng
RT: 10.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:232 Resp: 263211

Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.3	55.9
130	2.4	1.9	2.9
166	30.4	24.8	37.2

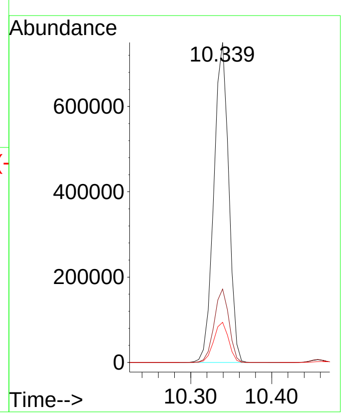




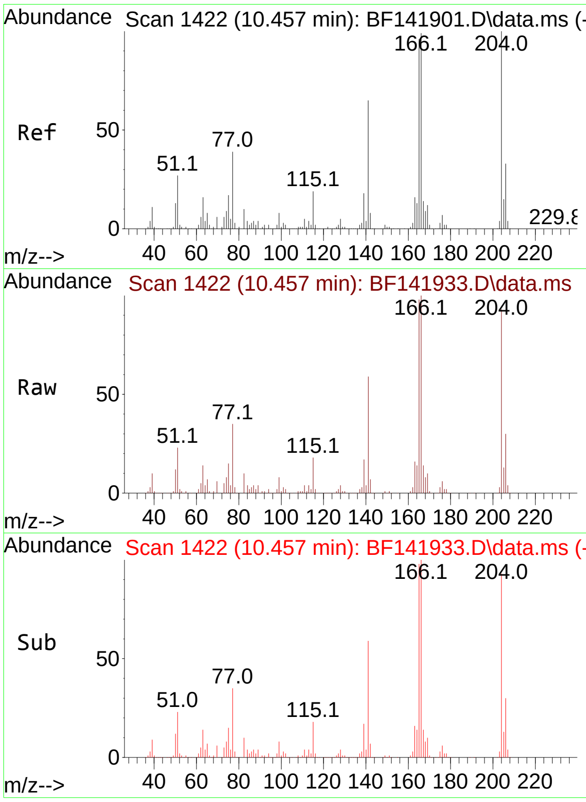
#60
Diethylphthalate
Concen: 42.652 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:149 Resp: 956472

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.0	27.0
150	12.6	10.2	15.4



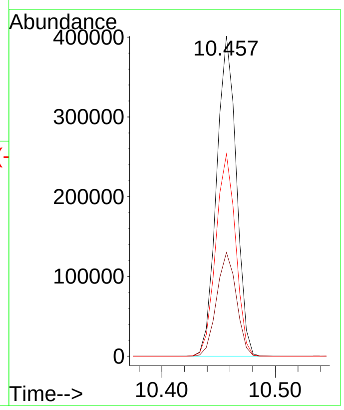
Instrument :
BNA_F
ClientSampleId :
PB167089BS

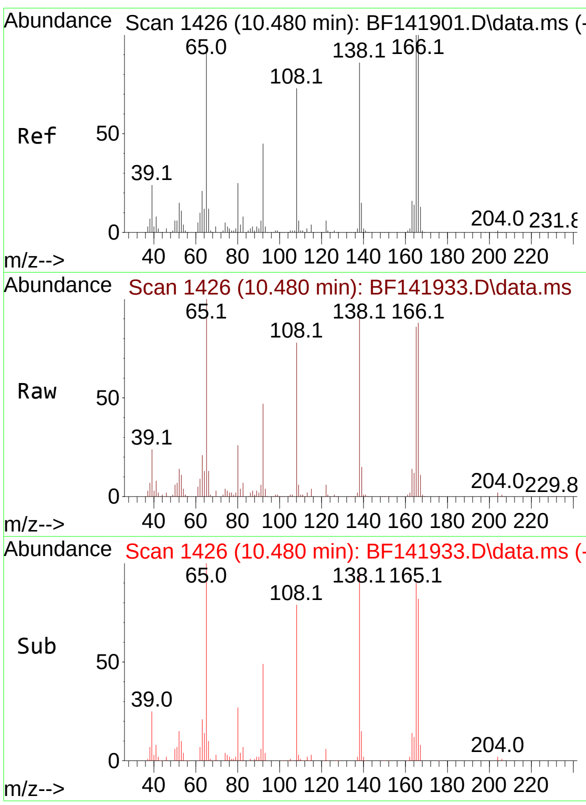


#61
4-Chlorophenyl-phenylether
Concen: 44.582 ng
RT: 10.457 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:204 Resp: 485785

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.8	40.2
141	63.2	52.4	78.6

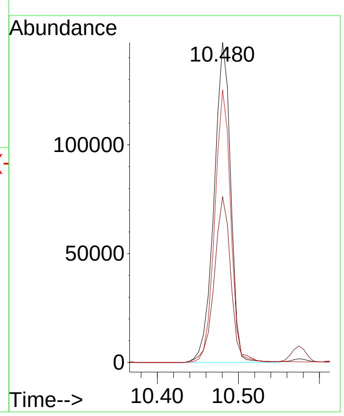




#62
4-Nitroaniline
Concen: 45.589 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

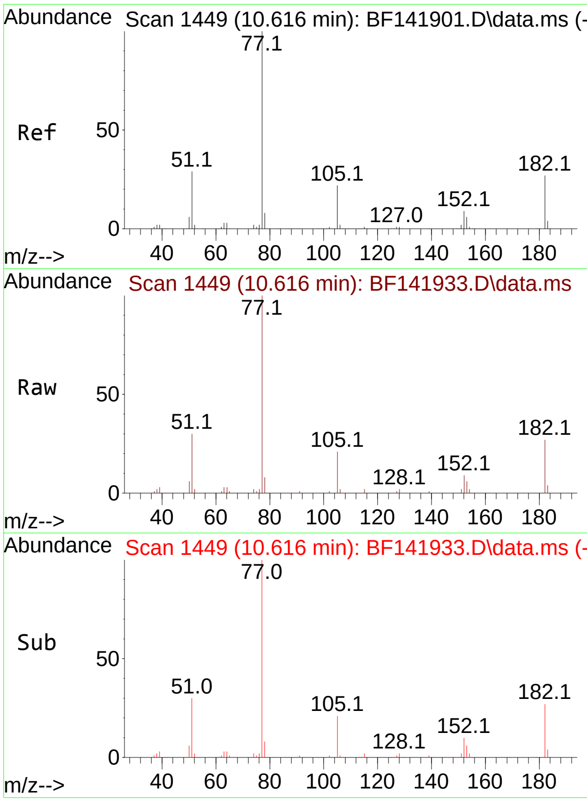
Tgt Ion:138 Resp: 210817

Ion	Ratio	Lower	Upper
138	100		
92	51.8	32.6	72.6
108	85.1	65.0	105.0



Sample Results: **BF141933.D**

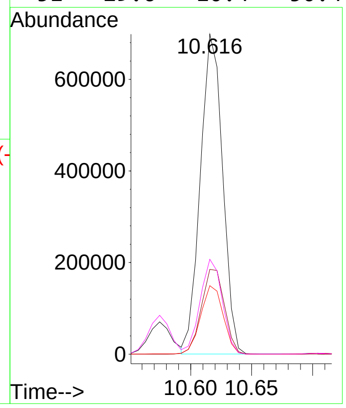
Instrument : BNA_F
ClientSampleId : PB167089BS

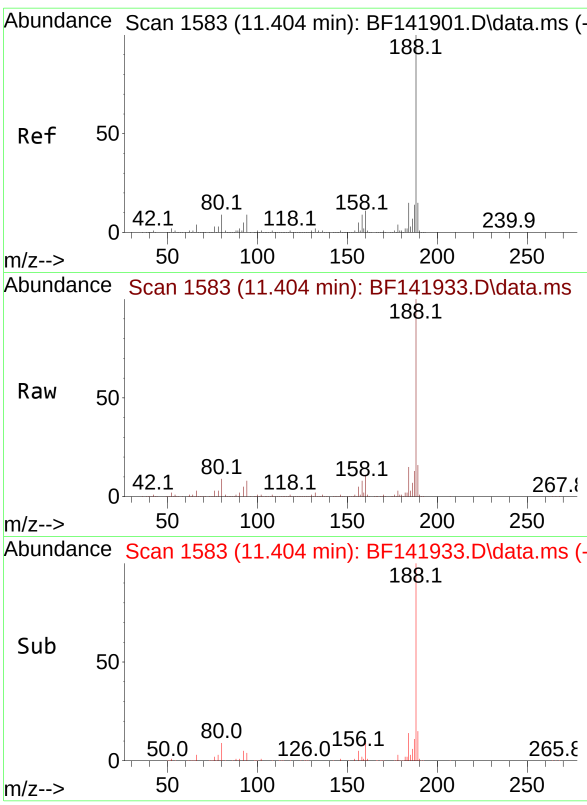


#63
Azobenzene
Concen: 42.586 ng
RT: 10.616 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion: 77 Resp: 887870

Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.6	46.6
105	21.4	1.3	41.3
51	29.6	10.4	50.4

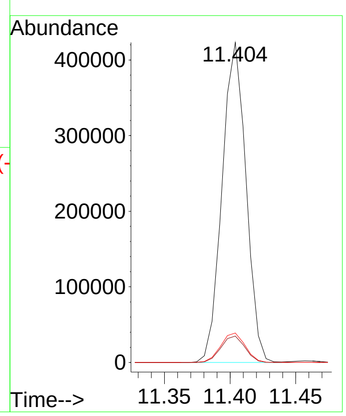




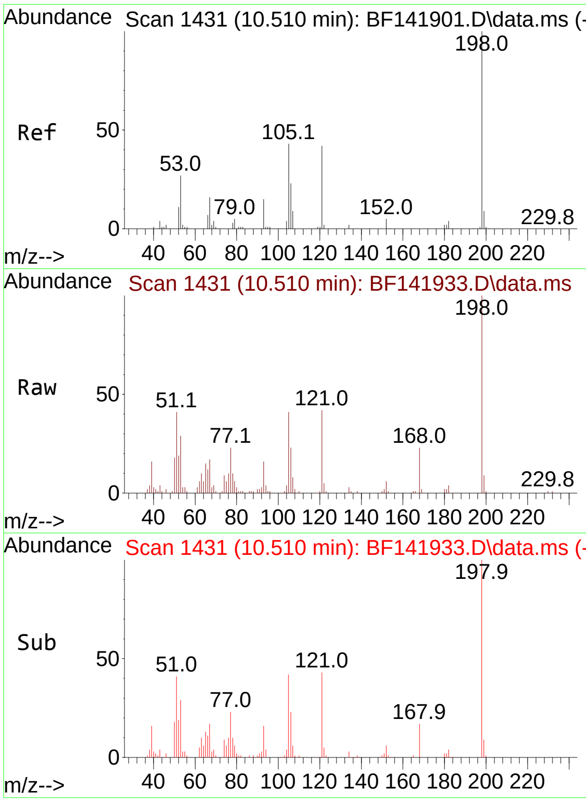
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:188 Resp: 536443

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	9.2	7.6	11.4



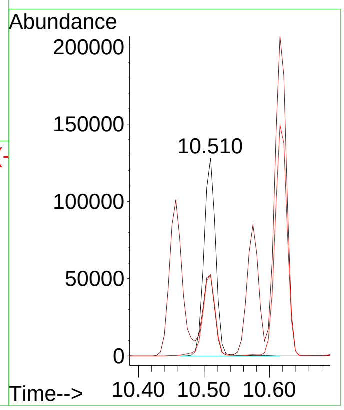
Instrument :
BNA_F
ClientSampleId :
PB167089BS

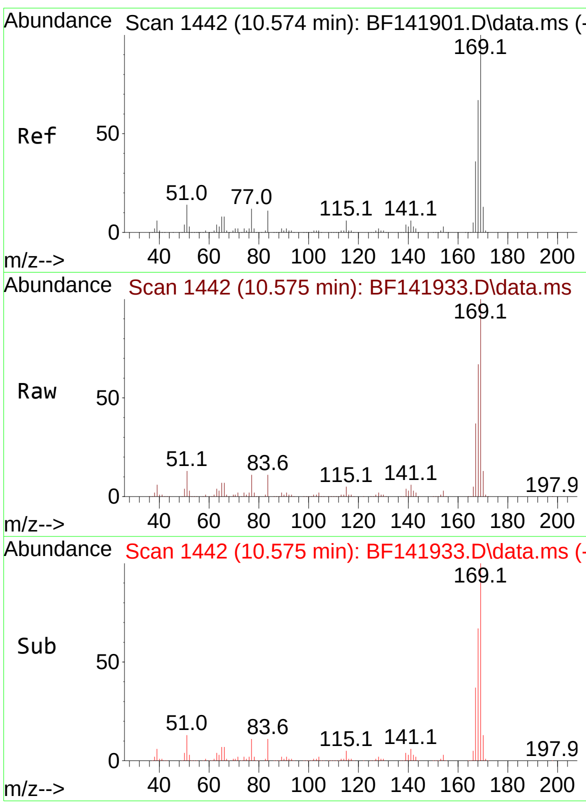


#65
4,6-Dinitro-2-methylphenol
Concen: 49.643 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:198 Resp: 158758

Ion	Ratio	Lower	Upper
198	100		
51	40.8	22.3	62.3
105	41.1	23.0	63.0

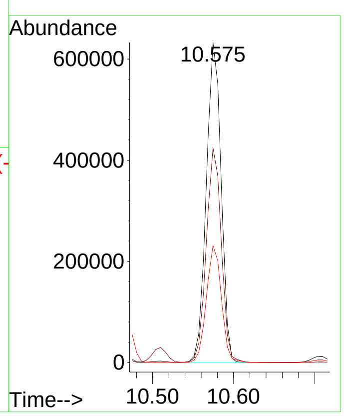




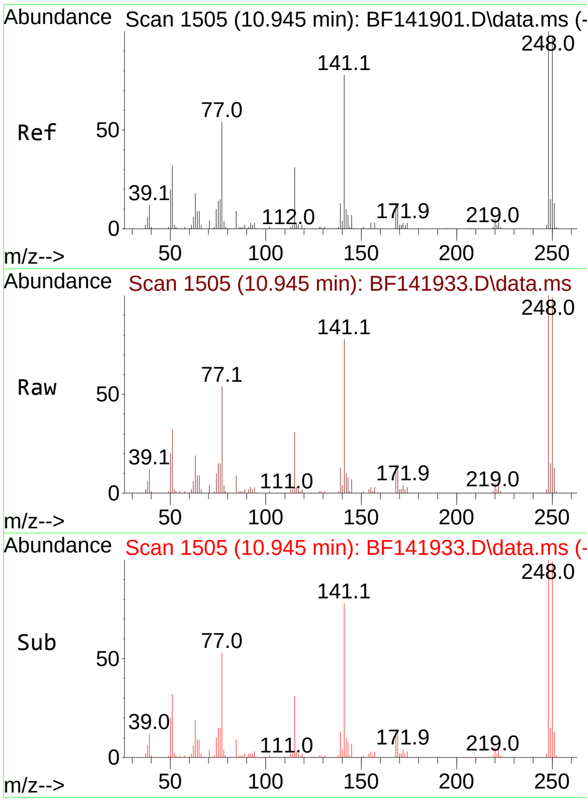
#66
n-Nitrosodiphenylamine
Concen: 46.199 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:169 Resp: 801999

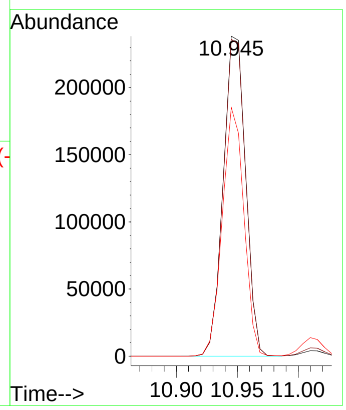
Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.7	80.5
167	36.5	29.2	43.8

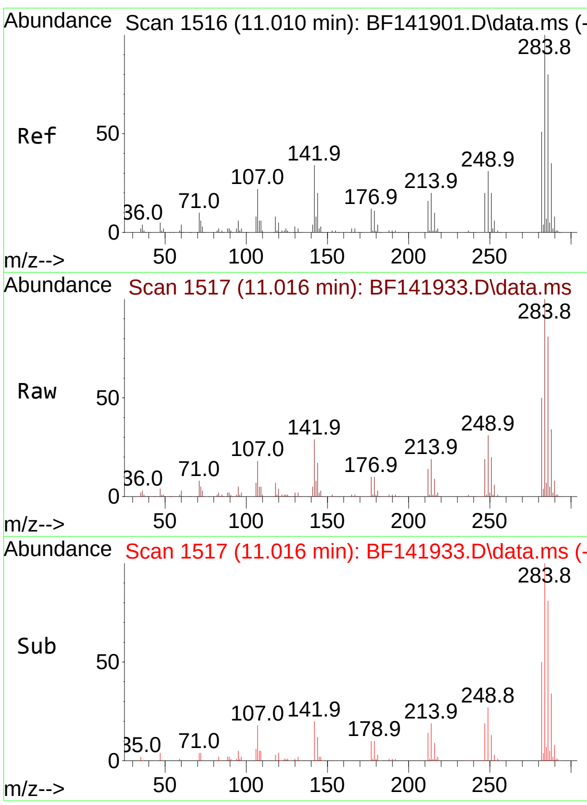


Instrument :
BNA_F
ClientSampleId :
PB167089BS

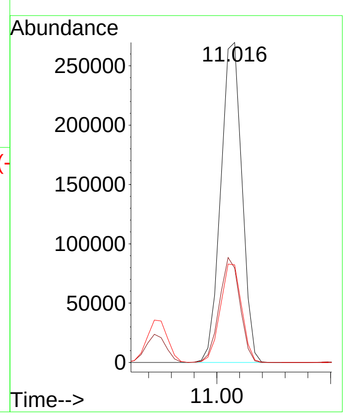



```
#67
4-Bromophenyl-phenylether
Concen:   45.422 ng
RT:  10.945 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141933.D
Acq: 12 Mar 2025  11:06

Tgt Ion:248 Resp:  306016
Ion  Ratio  Lower  Upper
248  100
250   99.0   77.8  116.8
141   77.7   62.6   93.8
```

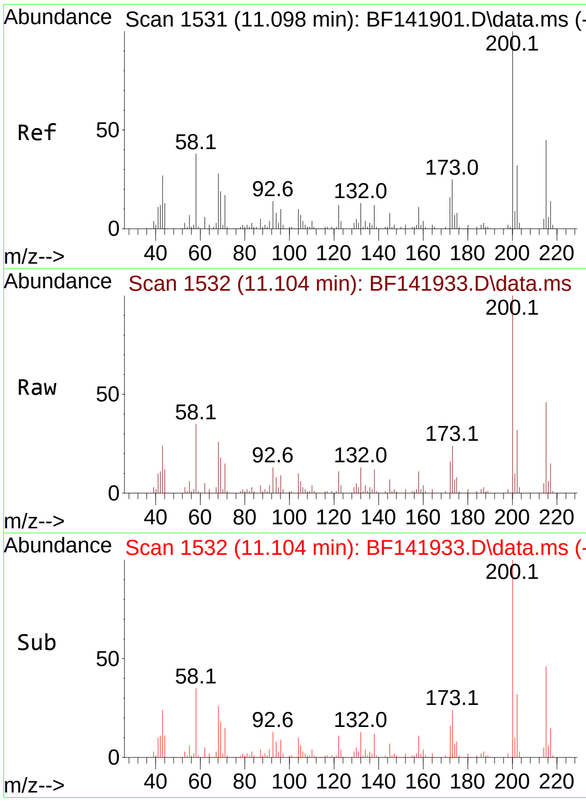





```
#68
Hexachlorobenzene
Concen:   47.303 ng
RT:  11.016 min  Scan# 1517
Delta R.T.  0.006 min
Lab File:   BF141933.D
Acq: 12 Mar 2025  11:06

Tgt Ion:284 Resp:  349522
Ion  Ratio  Lower  Upper
284  100
142   29.5   27.0   40.6
249   30.5   25.2   37.8
```



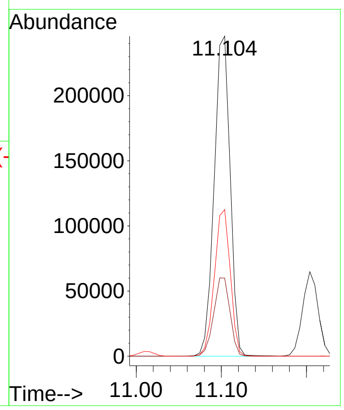
Instrument :
BNA_F
ClientSampleId :
PB167089BS

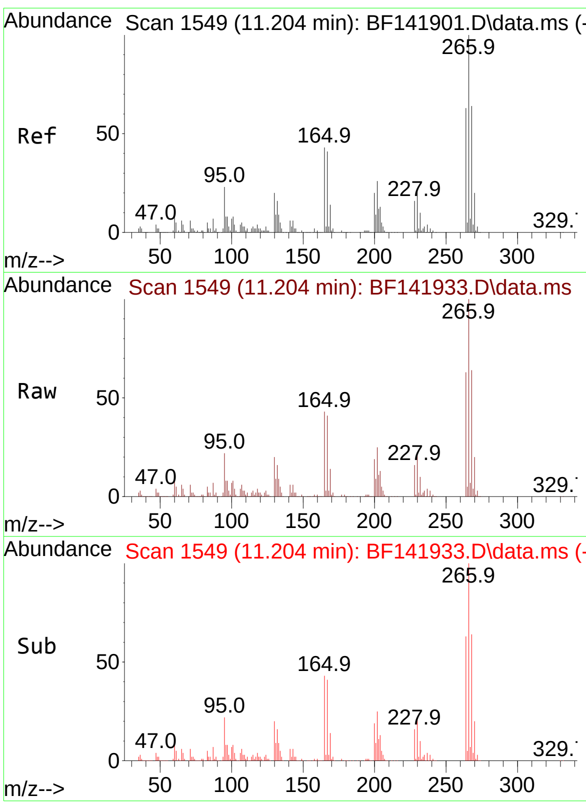


#69
Atrazine
Concen: 60.462 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:200 Resp: 321762

Ion	Ratio	Lower	Upper
200	100		
173	24.4	4.7	44.7
215	45.8	25.4	65.4

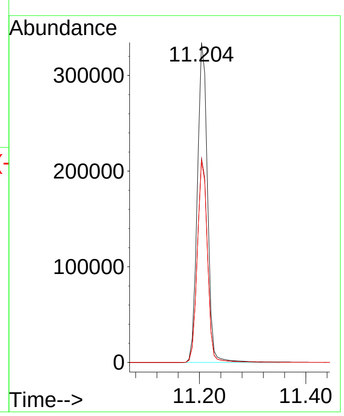




#70
Pentachlorophenol
Concen: 97.286 ng
RT: 11.204 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

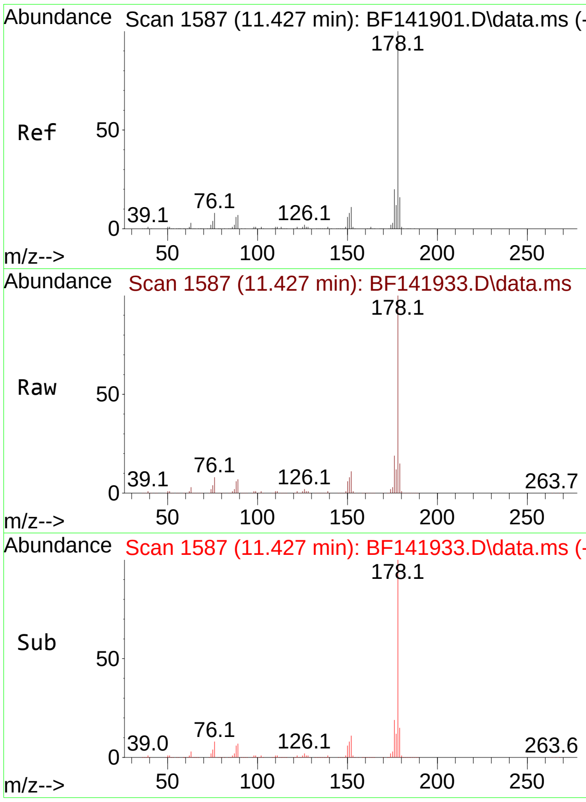
Tgt Ion:266 Resp: 442905

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.0	76.6
264	62.9	50.2	75.2



Sample Results: **BF141933.D**

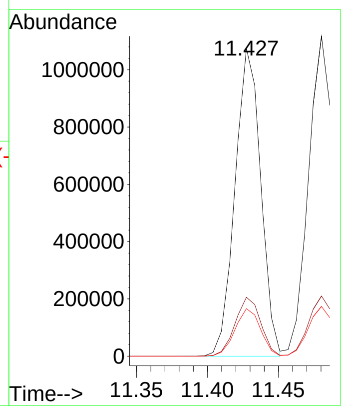
Instrument :
BNA_F
ClientSampleId :
PB167089BS

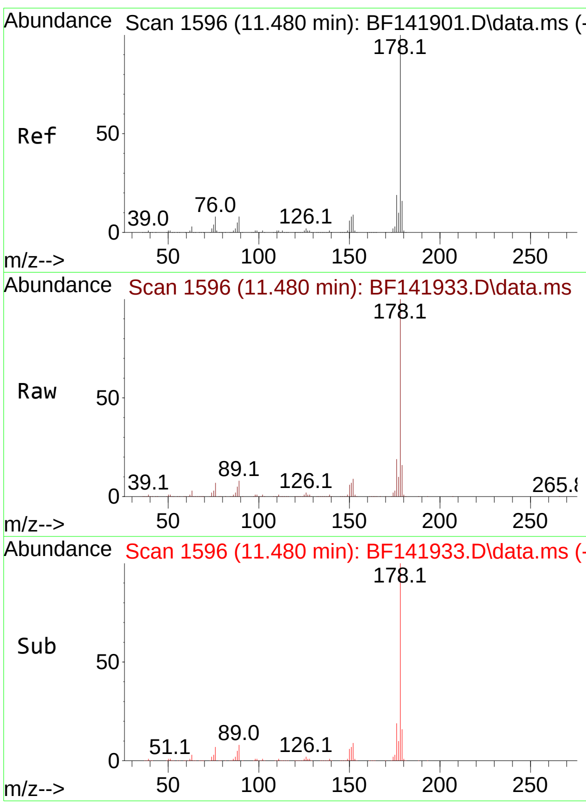


#71
Phenanthrene
Concen: 46.896 ng
RT: 11.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:178 Resp: 1358818

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.4	12.6	19.0

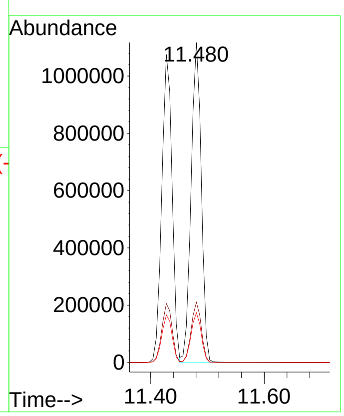




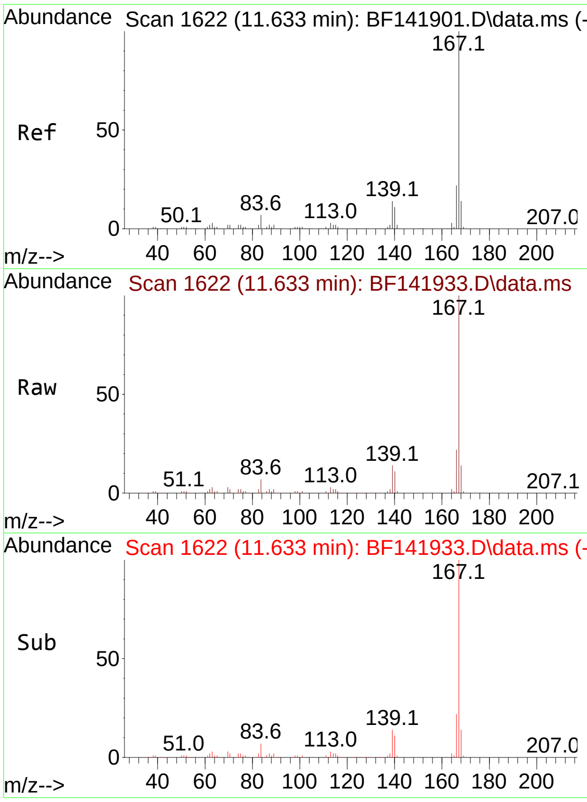
#72
Anthracene
Concen: 48.091 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:178 Resp: 1397984

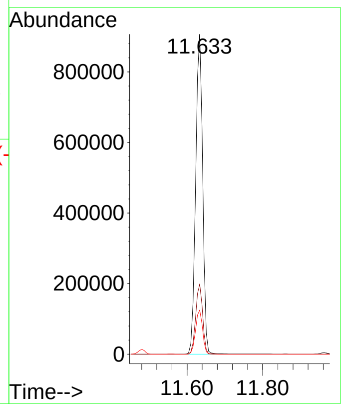
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.5	12.6	19.0

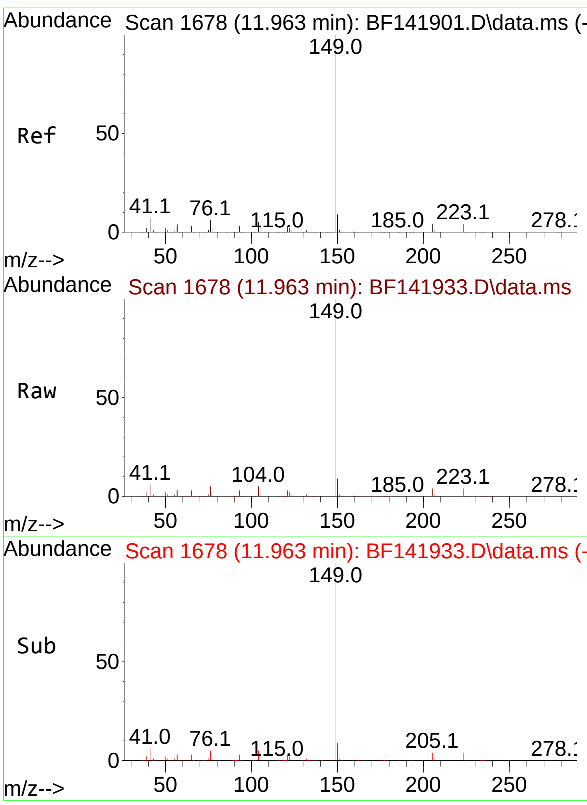


Instrument :
BNA_F
ClientSampleId :
PB167089BS

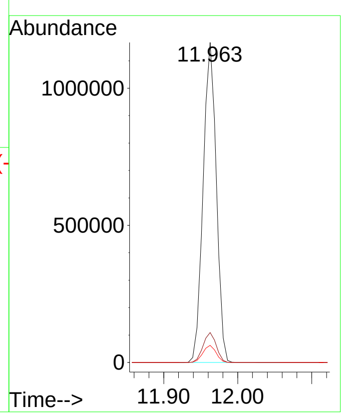



```
#73
Carbazole
Concen:   46.637 ng
RT:  11.633 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   BF141933.D
Acq: 12 Mar 2025  11:06

Tgt Ion:167 Resp: 1169195
Ion  Ratio  Lower  Upper
167  100
166   21.8   17.4   26.2
139   13.8   11.0   16.6
```

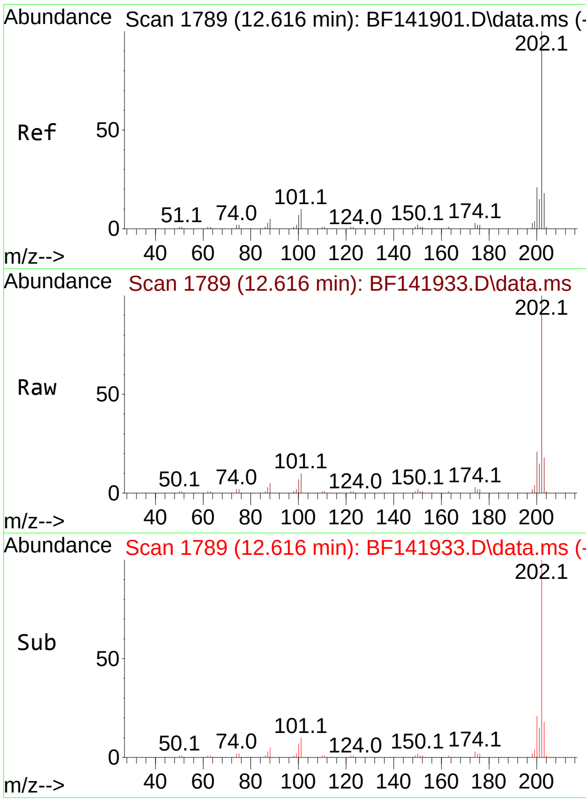





```
#74
Di-n-butylphthalate
Concen:   43.430 ng
RT:  11.963 min  Scan# 1678
Delta R.T.  0.000 min
Lab File:   BF141933.D
Acq: 12 Mar 2025  11:06

Tgt Ion:149 Resp: 1444680
Ion  Ratio  Lower  Upper
149  100
150    9.3    7.6   11.4
104    5.4    4.4    6.6
```



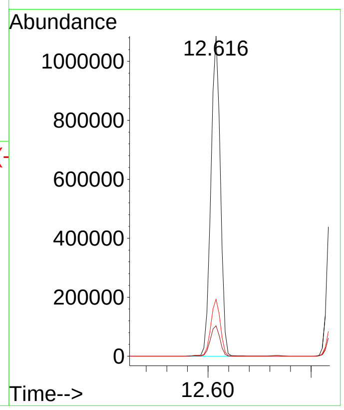
Instrument :
BNA_F
ClientSampleId :
PB167089BS

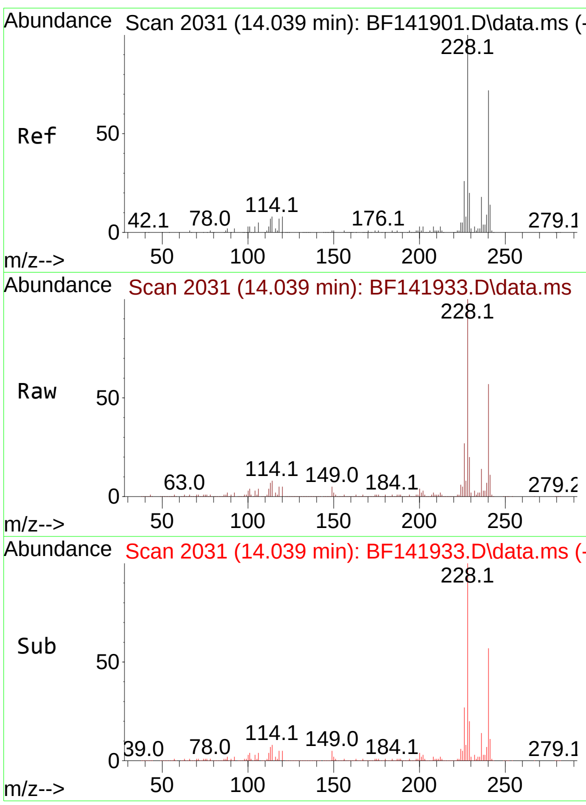


#75
Fluoranthene
Concen: 44.989 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:202 Resp: 1382763

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.7
203	17.8	0.0	37.8

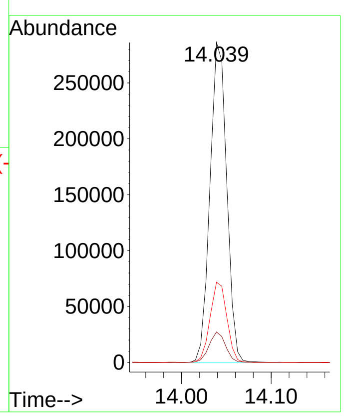




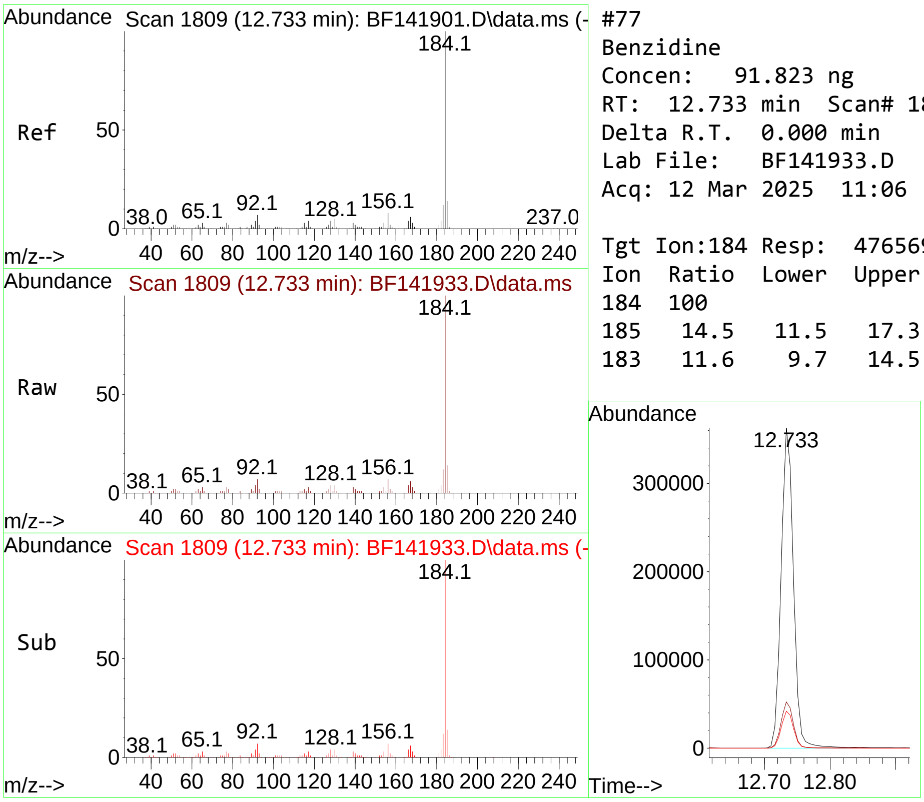
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:240 Resp: 372000

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	25.1	20.5	30.7



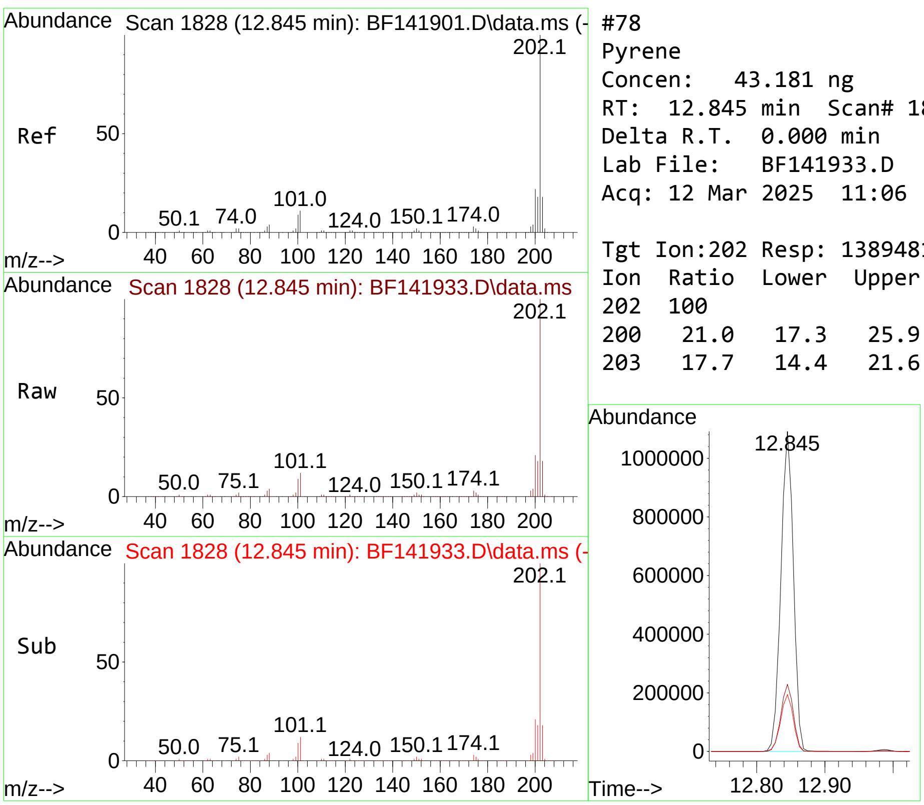
Instrument : BNA_F
ClientSampleId : PB167089BS



#77
Benzidine
Concen: 91.823 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:184 Resp: 476569

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.5	17.3
183	11.6	9.7	14.5

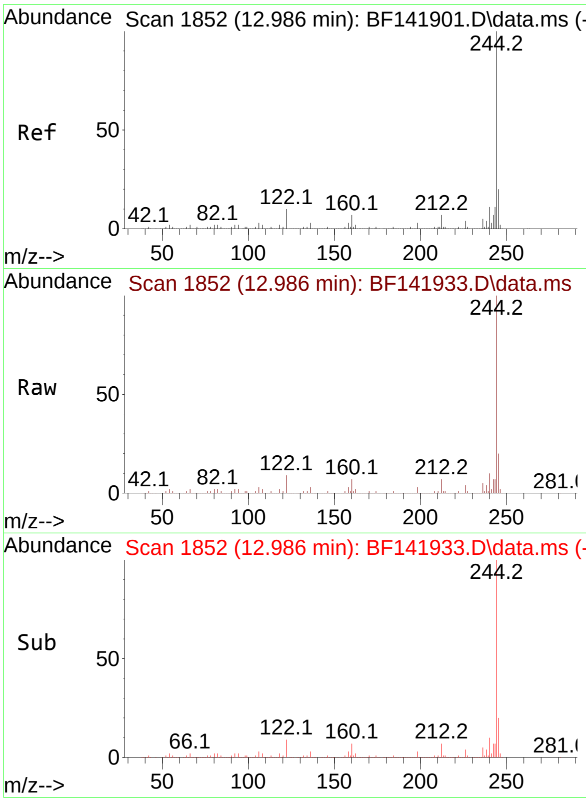


#78
Pyrene
Concen: 43.181 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:202 Resp: 1389481

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.3	25.9
203	17.7	14.4	21.6

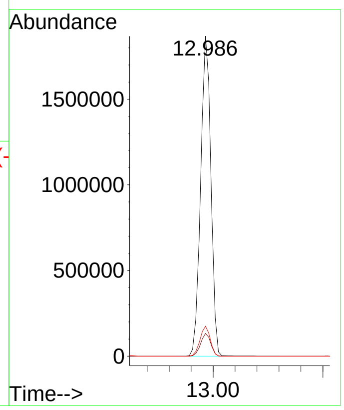
Instrument :
BNA_F
ClientSampleId :
PB167089BS

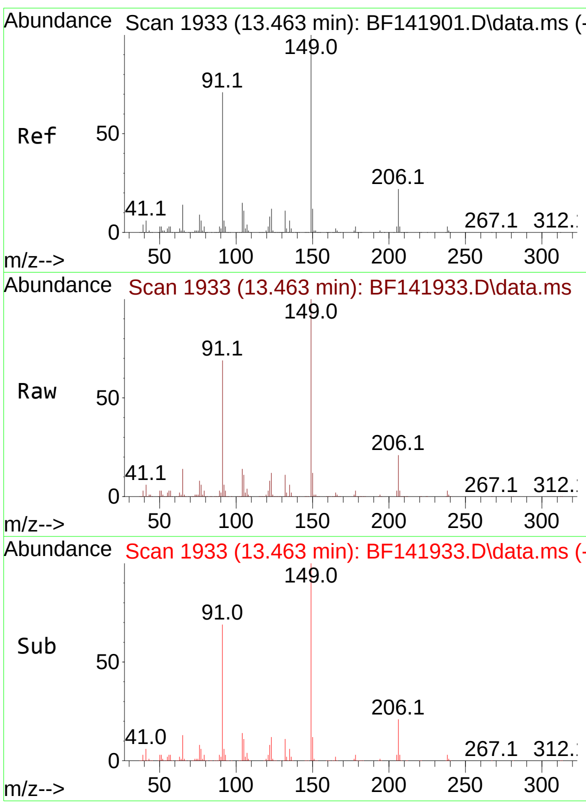


#79
Terphenyl-d14
Concen: 96.613 ng
RT: 12.986 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:244 Resp: 2430925

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.3	7.7	11.5

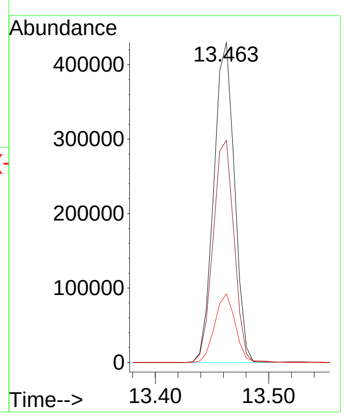




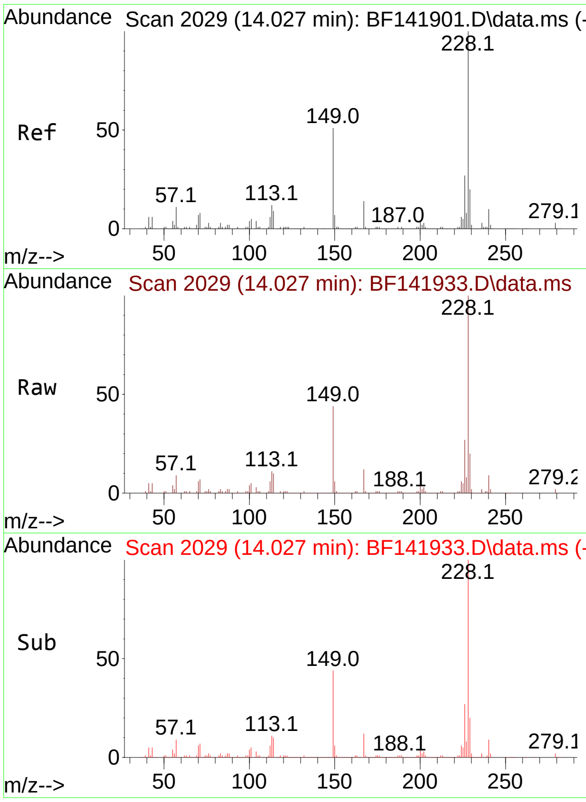
#80
Butylbenzylphthalate
Concen: 43.280 ng
RT: 13.463 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:149 Resp: 545094

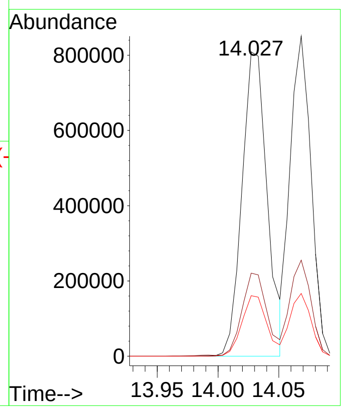
Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.5	84.7
206	21.5	17.3	25.9

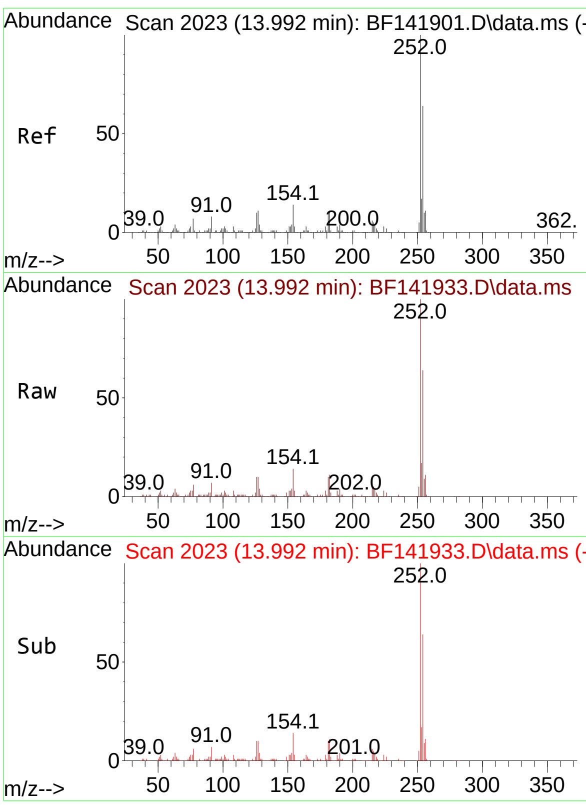


Instrument :
BNA_F
ClientSampleId :
PB167089BS

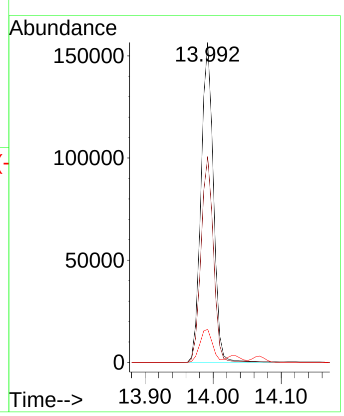



```
#81
Benzo(a)anthracene
Concen:   47.860 ng
RT:  14.027 min  Scan# 2(
Delta R.T.  0.000 min
Lab File:   BF141933.D
Acq: 12 Mar 2025   11:06

Tgt Ion:228 Resp: 1168294
Ion  Ratio  Lower  Upper
228  100
226   27.3   21.8   32.8
229   19.9   16.0   24.0
```

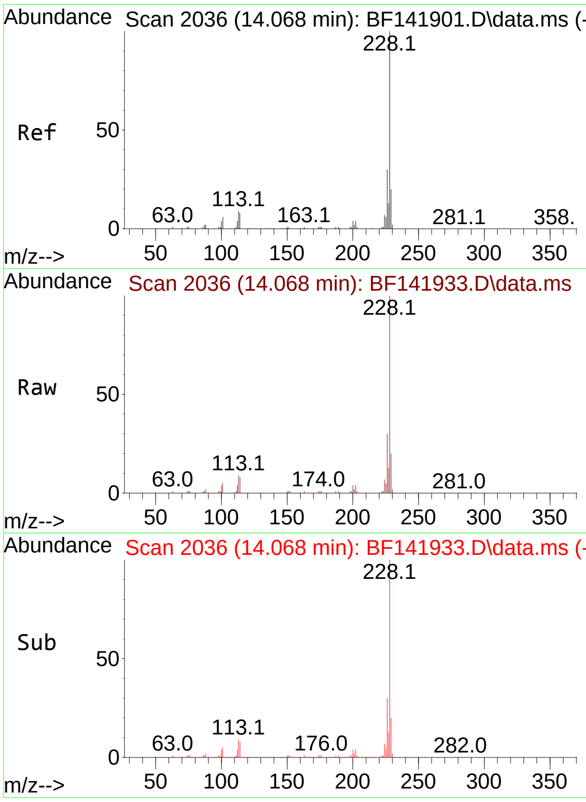




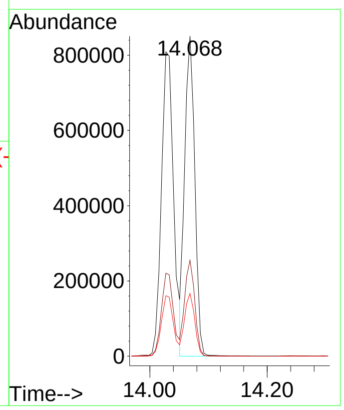

```
#82
3,3'-Dichlorobenzidine
Concen:   28.145 ng
RT:  13.992 min  Scan# 2023
Delta R.T.  0.000 min
Lab File:   BF141933.D
Acq: 12 Mar 2025   11:06

Tgt Ion:252 Resp:  198547
Ion  Ratio  Lower  Upper
252  100
254   64.3   51.0   76.6
126   10.4    8.4   12.6
```

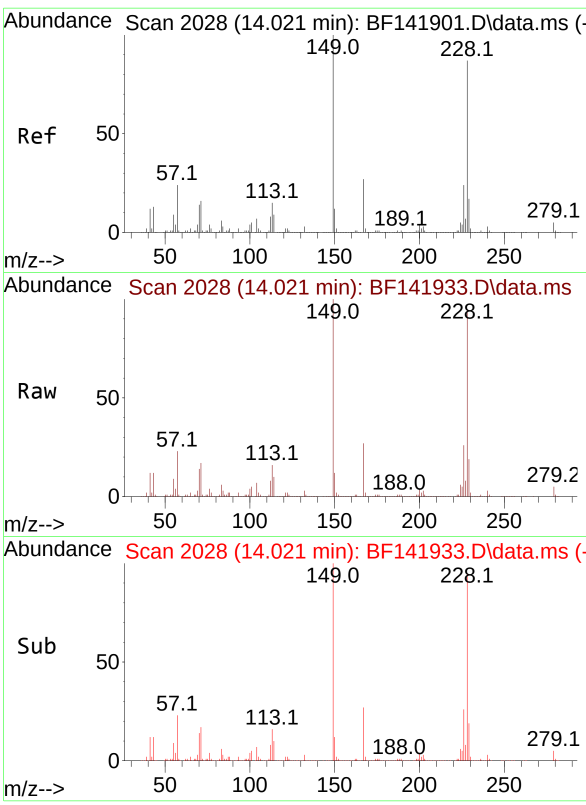


Instrument :
BNA_F
ClientSampleId :
PB167089BS

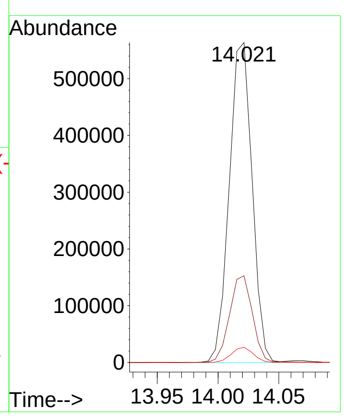



```
#83
Chrysene
Concen:   46.256 ng
RT:  14.068 min  Scan# 20
Delta R.T.  0.000 min
Lab File:   BF141933.D
Acq: 12 Mar 2025  11:06

Tgt Ion:228 Resp: 1023528
Ion  Ratio  Lower  Upper
228  100
226   30.0   24.1   36.1
229   19.6   15.7   23.5
```



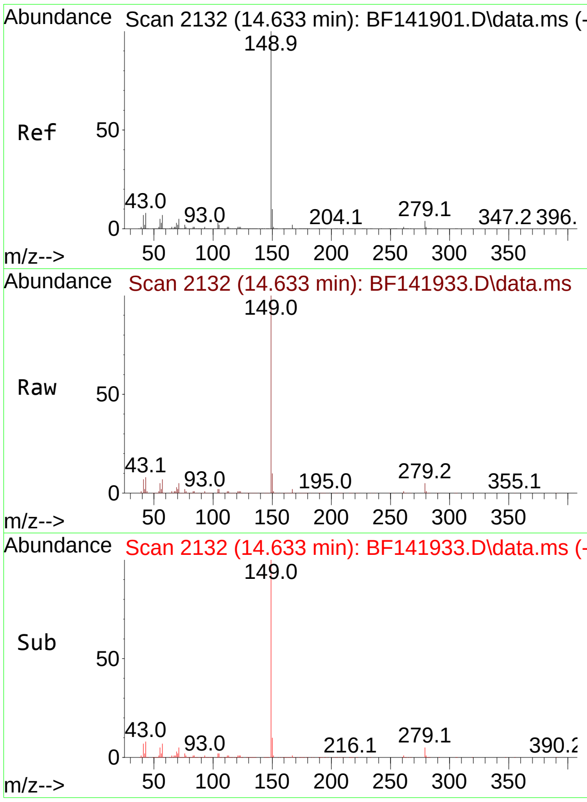



```
#84
Bis(2-ethylhexyl)phthalate
Concen:   42.627 ng
RT:  14.021 min  Scan# 2028
Delta R.T.  0.000 min
Lab File:   BF141933.D
Acq: 12 Mar 2025  11:06

Tgt Ion:149 Resp:  740231
Ion  Ratio  Lower  Upper
149  100
167   27.1   21.4   32.0
279    4.7    3.8    5.6
```



Sample Results: **BF141933.D**

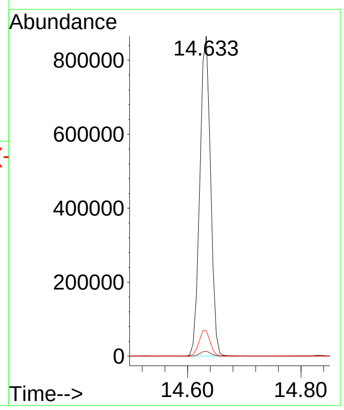
Instrument :
BNA_F
ClientSampleId :
PB167089BS

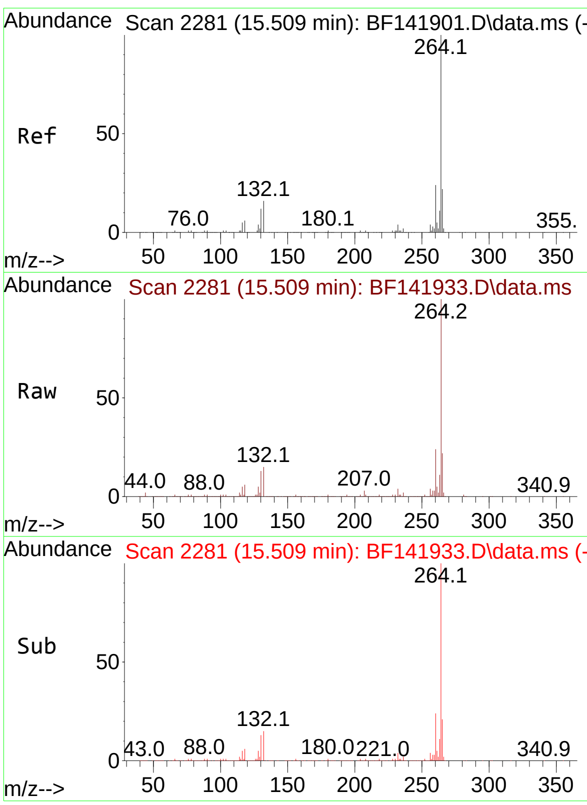


#85
Di-n-octyl phthalate
Concen: 47.183 ng
RT: 14.633 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:149 Resp: 1140036

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.9	10.3

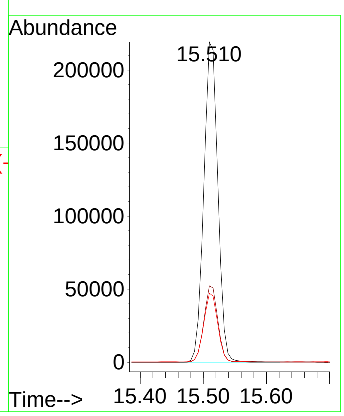




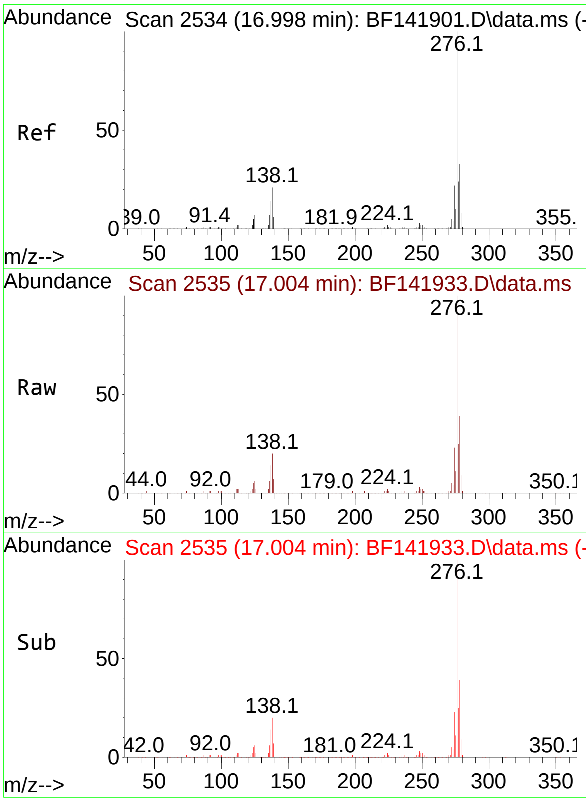
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:264 Resp: 338585

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.5	17.5	26.3



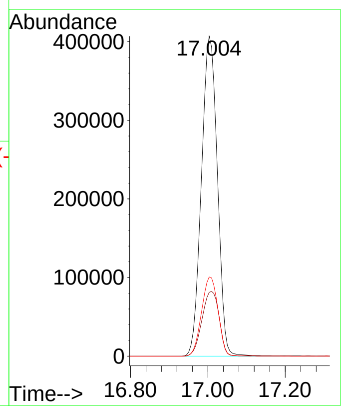
Instrument :
BNA_F
ClientSampleId :
PB167089BS

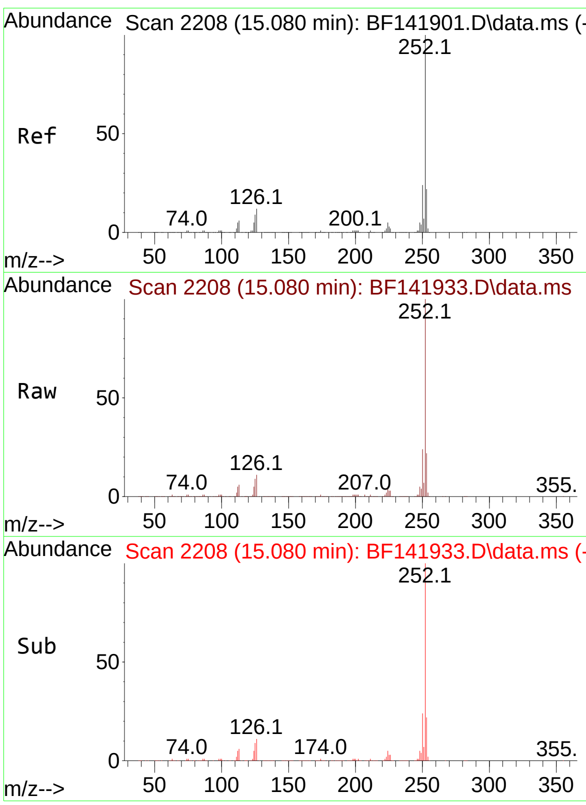


#87
Indeno(1,2,3-cd)pyrene
Concen: 53.237 ng
RT: 17.004 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:276 Resp: 1166022

Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.4	27.6
277	25.5	20.3	30.5

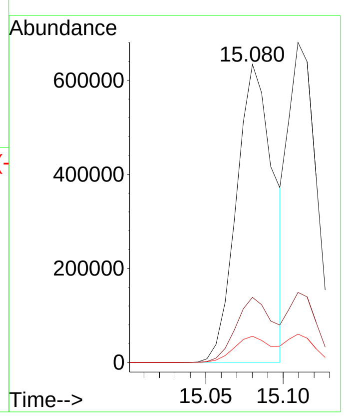




#88
Benzo(b)fluoranthene
Concen: 45.360 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

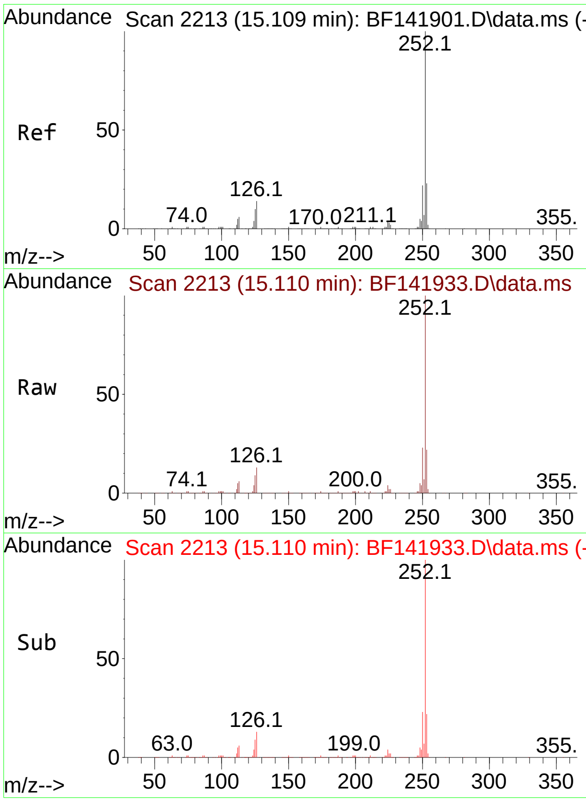
Tgt Ion:252 Resp: 1052581

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.8	7.0	10.4



Sample Results: **BF141933.D**

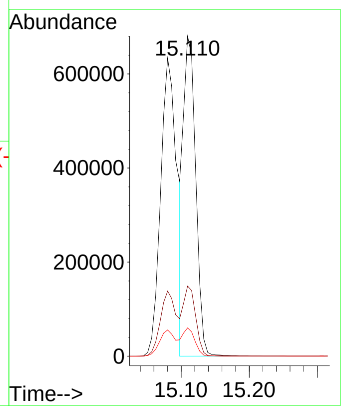
Instrument :
BNA_F
ClientSampleId :
PB167089BS

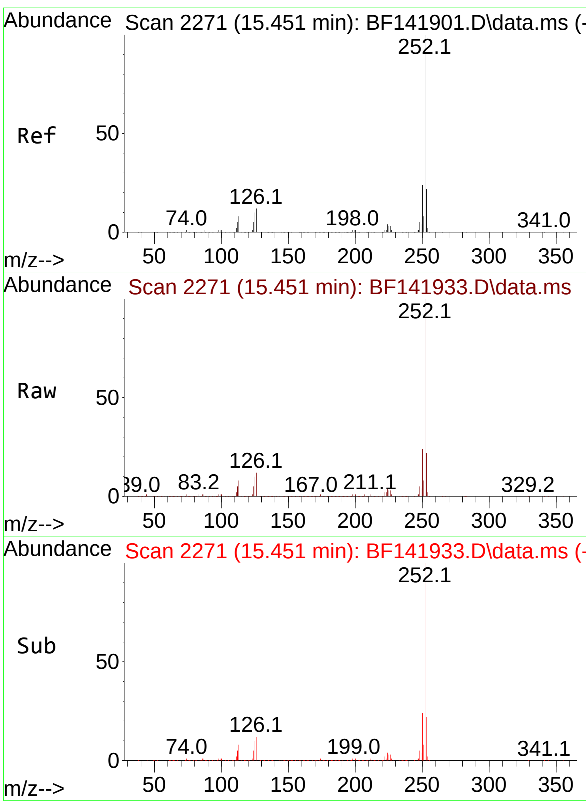


#89
Benzo(k)fluoranthene
Concen: 43.492 ng
RT: 15.110 min Scan# 2
Delta R.T.   0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025   11:06

Tgt Ion:252 Resp: 863670

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	8.8	7.2	10.8

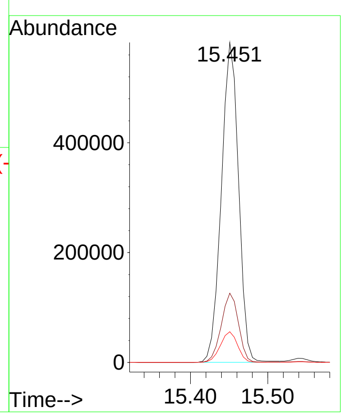




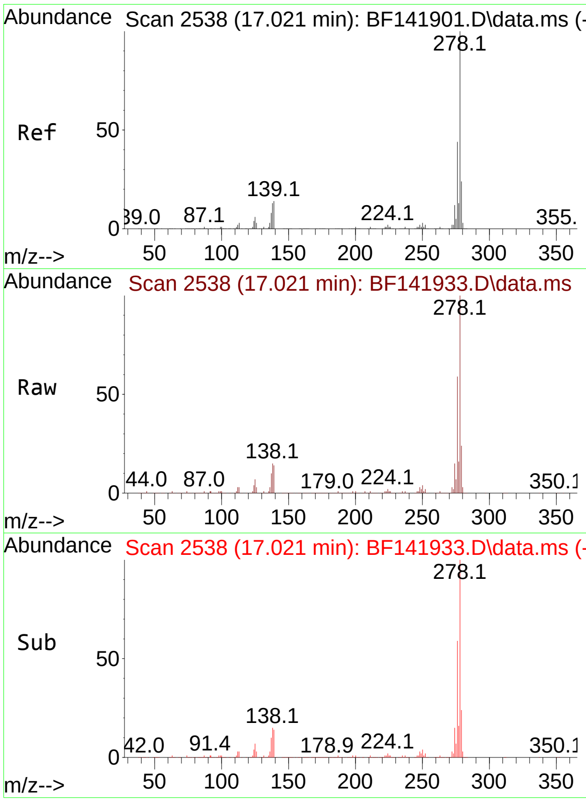
#90
Benzo(a)pyrene
Concen: 49.644 ng
RT: 15.451 min Scan# 2271
Delta R.T.   0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025   11:06

Tgt Ion:252 Resp: 901397

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.6	7.8	11.8



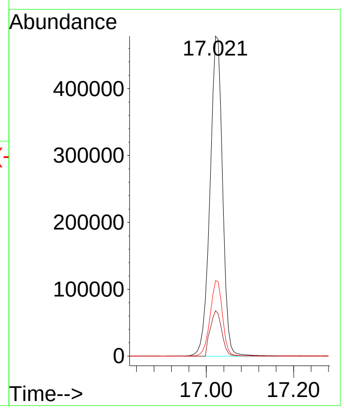
Instrument :
BNA_F
ClientSampleId :
PB167089BS

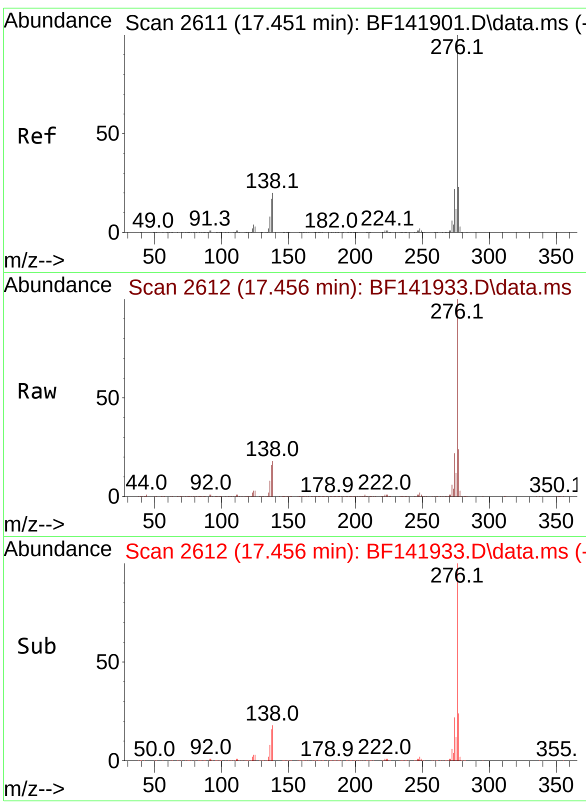


#91
Dibenzo(a,h)anthracene
Concen: 53.119 ng
RT: 17.021 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:278 Resp: 959924

Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.4	17.2
279	23.6	18.8	28.2

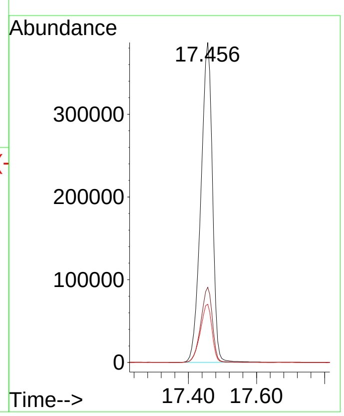




#92
Benzo(g,h,i)perylene
Concen: 51.026 ng
RT: 17.456 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF141933.D
Acq: 12 Mar 2025 11:06

Tgt Ion:276 Resp: 911236

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	18.2	15.8	23.8



Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	ENTACT			Date Collected:	03/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	03/07/25
Client Sample ID:	WC-A2-02-CMS			SDG No.:	Q1523
Lab Sample ID:	Q1523-06MS			Matrix:	TCLP
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :		Decanted :	N	Level :	LOW
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064101.D	1	03/11/25 11:15	03/11/25 18:39	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	280		12.8	50.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	400		5.30	50.0	ug/Kg
95-48-7	2-Methylphenol	450		11.2	50.0	ug/Kg
65794-96-9	3+4-Methylphenols	440		11.0	100	ug/Kg
67-72-1	Hexachloroethane	440		6.50	50.0	ug/Kg
98-95-3	Nitrobenzene	460		7.60	50.0	ug/Kg
87-68-3	Hexachlorobutadiene	440		5.40	50.0	ug/Kg
88-06-2	2,4,6-Trichlorophenol	520		5.10	50.0	ug/Kg
95-95-4	2,4,5-Trichlorophenol	520		6.20	50.0	ug/Kg
121-14-2	2,4-Dinitrotoluene	480		12.2	50.0	ug/Kg
118-74-1	Hexachlorobenzene	470		5.20	50.0	ug/Kg
87-86-5	Pentachlorophenol	1000	E	15.8	100	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	137		15 (10) - 110 (139)	91%	SPK: 150
13127-88-3	Phenol-d6	124		15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	110		30 (49) - 130 (133)	110%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.5		30 (52) - 130 (132)	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	164		15 (44) - 110 (137)	109%	SPK: 150
1718-51-0	Terphenyl-d14	99.5		30 (48) - 130 (125)	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	36100	7.864			
1146-65-2	Naphthalene-d8	157000	10.655			
15067-26-2	Acenaphthene-d10	103000	14.486			
1517-22-2	Phenanthrene-d10	222000	17.229			
1719-03-5	Chrysene-d12	226000	21.46			
1520-96-3	Perylene-d12	250000	24.474			

Raw Data: **BG064101.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A2-02-CMS	SDG No.:	Q1523
Lab Sample ID:	Q1523-06MS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064101.D	1	03/11/25 11:15	03/11/25 18:39	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **BG064101.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064101.D
Acq On : 11 Mar 2025 18:39
Operator : RC/JU
Sample : Q1523-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 12 01:40:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.864	152	36056	20.000 ng	0.00
21) Naphthalene-d8	10.655	136	156544	20.000 ng	0.00
39) Acenaphthene-d10	14.486	164	103028	20.000 ng	0.00
64) Phenanthrene-d10	17.229	188	221547	20.000 ng	0.00
76) Chrysene-d12	21.460	240	226093	20.000 ng	0.00
86) Perylene-d12	24.474	264	249708	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.461	112	315231	136.514 ng	0.01
7) Phenol-d6	7.036	99	389473	123.983 ng	0.00
23) Nitrobenzene-d5	9.016	82	310481	109.604 ng	0.00
42) 2,4,6-Tribromophenol	15.978	330	187907	164.078 ng	0.00
45) 2-Fluorobiphenyl	13.117	172	661949	97.523 ng	0.00
79) Terphenyl-d14	19.850	244	1112185	99.465 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.387	88	35471	33.895 ng	95
3) Pyridine	3.781	79	71376	28.044 ng	94
4) n-Nitrosodimethylamine	3.687	42	75609	41.580 ng	# 90
6) Aniline	7.194	93	40483	13.133 ng	97
8) 2-Chlorophenol	7.429	128	108881	43.903 ng	95
9) Benzaldehyde	7.000	77	21285	11.650 ng	89
10) Phenol	7.065	94	127805	39.738 ng	96
11) bis(2-Chloroethyl)ether	7.294	93	100988	40.051 ng	98
12) 1,3-Dichlorobenzene	7.758	146	107881	39.612 ng	97
13) 1,4-Dichlorobenzene	7.899	146	111365	39.895 ng	99
14) 1,2-Dichlorobenzene	8.217	146	110547	41.069 ng	97
15) Benzyl Alcohol	8.099	79	113077	46.582 ng	91
16) 2,2'-oxybis(1-Chloropr...	8.387	45	237518	41.893 ng	97
17) 2-Methylphenol	8.305	107	96648	45.277 ng	96
18) Hexachloroethane	8.945	117	43147	44.178 ng	96
19) n-Nitroso-di-n-propyla...	8.669	70	94127	42.696 ng	97
20) 3+4-Methylphenols	8.634	107	129344	44.015 ng	94
22) Acetophenone	8.681	105	199259	46.424 ng	# 99
24) Nitrobenzene	9.057	77	135203	46.183 ng	98
25) Isophorone	9.580	82	252205	44.481 ng	96
26) 2-Nitrophenol	9.768	139	55267	53.237 ng	# 92
27) 2,4-Dimethylphenol	9.832	122	103222	60.728 ng	96
28) bis(2-Chloroethoxy)met...	10.067	93	144572	42.057 ng	97
29) 2,4-Dichlorophenol	10.302	162	106650	49.690 ng	96
30) 1,2,4-Trichlorobenzene	10.520	180	111478	43.026 ng	99
31) Naphthalene	10.702	128	464117	54.982 ng	99
32) Benzoic acid	9.979	122	78106	49.671 ng	94
33) 4-Chloroaniline	10.808	127	16482	5.342 ng	94
34) Hexachlorobutadiene	10.990	225	75434	44.418 ng	93
35) Caprolactam	11.571	113	35936m	43.692 ng	
36) 4-Chloro-3-methylphenol	11.936	107	126049	44.803 ng	97
37) 2-Methylnaphthalene	12.312	142	290921	48.819 ng	99
38) 1-Methylnaphthalene	12.529	142	286104	49.005 ng	97
40) 1,2,4,5-Tetrachloroben...	12.682	216	145530	49.477 ng	95
41) Hexachlorocyclopentadiene	12.664	237	124219	150.049 ng	97
43) 2,4,6-Trichlorophenol	12.917	196	89450	51.599 ng	94

Sample Results: **BG064101.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064101.D
Acq On : 11 Mar 2025 18:39
Operator : RC/JU
Sample : Q1523-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 12 01:40:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	99263	51.533 ng		99
46) 1,1'-Biphenyl	13.322	154	394683	50.705 ng		97
47) 2-Chloronaphthalene	13.363	162	262755	46.284 ng		98
48) 2-Nitroaniline	13.563	65	95891	50.359 ng		93
49) Acenaphthylene	14.210	152	428690	47.741 ng		99
50) Dimethylphthalate	13.951	163	330647	43.476 ng		99
51) 2,6-Dinitrotoluene	14.063	165	69735	45.393 ng		98
52) Acenaphthene	14.550	154	286985	47.623 ng		96
53) 3-Nitroaniline	14.386	138	24949	16.974 ng		91
54) 2,4-Dinitrophenol	14.591	184	71205	107.665 ng	#	74
55) Dibenzofuran	14.885	168	419736	42.995 ng		99
56) 4-Nitrophenol	14.697	139	118571	96.184 ng		87
57) 2,4-Dinitrotoluene	14.850	165	102446	48.112 ng	#	92
58) Fluorene	15.537	166	343951	45.236 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.114	232	92729	49.380 ng	#	94
60) Diethylphthalate	15.314	149	348784	42.245 ng		98
61) 4-Chlorophenyl-phenyle...	15.531	204	165074	43.688 ng		91
62) 4-Nitroaniline	15.549	138	65883	41.516 ng		89
63) Azobenzene	15.825	77	366345	41.582 ng		97
65) 4,6-Dinitro-2-methylph...	15.608	198	52129	53.364 ng		96
66) n-Nitrosodiphenylamine	15.749	169	295060	47.050 ng		100
67) 4-Bromophenyl-phenylether	16.425	248	107957	47.578 ng		93
68) Hexachlorobenzene	16.536	284	118715	46.733 ng		99
69) Atrazine	16.695	200	113672	61.605 ng		97
70) Pentachlorophenol	16.883	266	162398	102.963 ng		97
71) Phenanthrene	17.271	178	558132	47.232 ng		99
72) Anthracene	17.359	178	561343	47.773 ng		98
73) Carbazole	17.629	167	511627	46.636 ng		99
74) Di-n-butylphthalate	18.199	149	613742	47.527 ng		99
75) Fluoranthene	19.280	202	623611	43.774 ng		99
77) Benzidine	19.480	184	79527	25.402 ng		97
78) Pyrene	19.644	202	648450	44.492 ng		99
80) Butylbenzylphthalate	20.543	149	277190	50.481 ng		95
81) Benzo(a)anthracene	21.442	228	681442	47.052 ng		98
82) 3,3'-Dichlorobenzidine	21.366	252	113580	24.232 ng		96
83) Chrysene	21.507	228	644836	44.641 ng		100
84) Bis(2-ethylhexyl)phtha...	21.378	149	412705	52.691 ng		99
85) Di-n-octyl phthalate	22.523	149	724128	53.599 ng		99
87) Indeno(1,2,3-cd)pyrene	27.882	276	804207	48.135 ng		98
88) Benzo(b)fluoranthene	23.528	252	668767	44.302 ng		99
89) Benzo(k)fluoranthene	23.593	252	682080	45.039 ng		98
90) Benzo(a)pyrene	24.339	252	651163	48.435 ng		99
91) Dibenzo(a,h)anthracene	27.940	278	667569	48.196 ng		96
92) Benzo(g,h,i)perylene	28.933	276	630502	44.336 ng		99

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

Quantitation Report (QT Reviewed)

Sample Results: **BG064101.D**

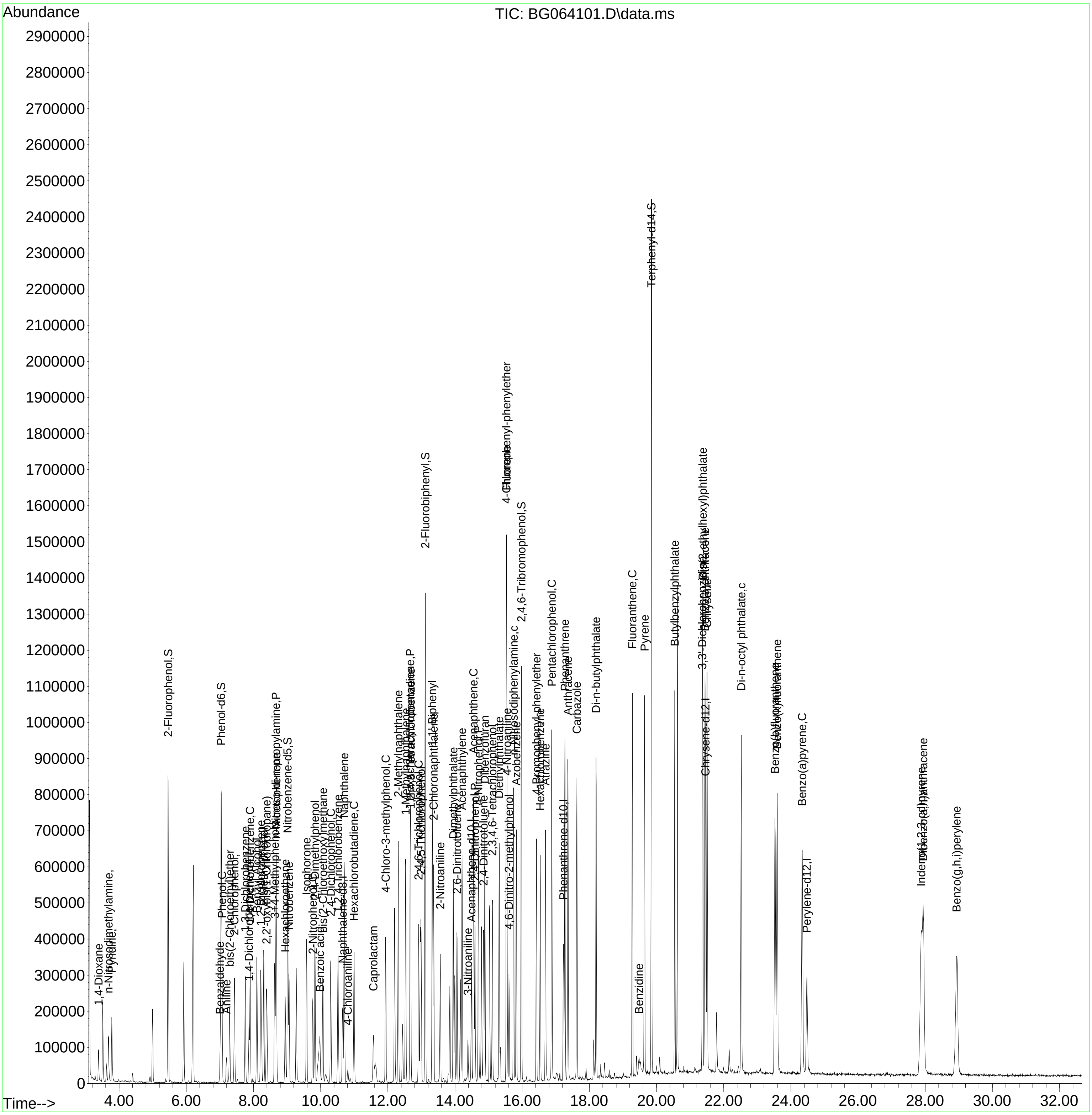
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064101.D
Acq On : 11 Mar 2025 18:39
Operator : RC/JU
Sample : Q1523-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 01:40:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

Manual Integrations APPROVED

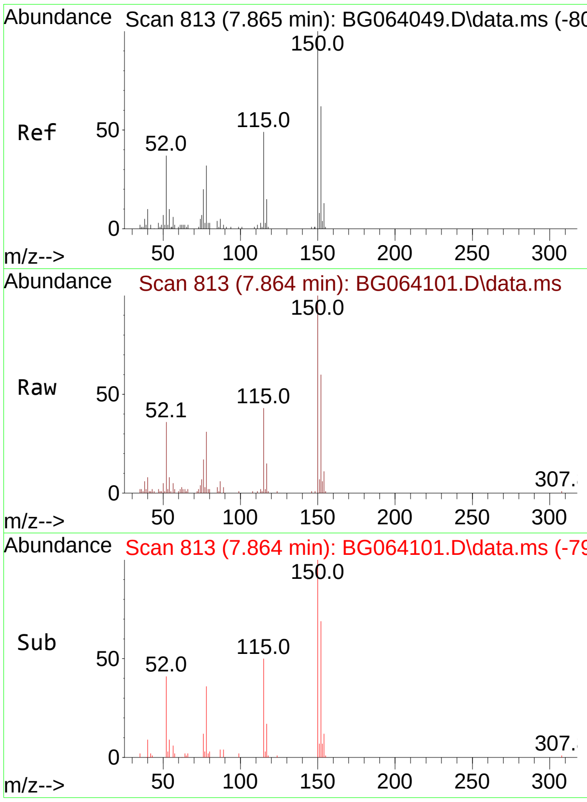
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

Manual Integrations
APPROVED

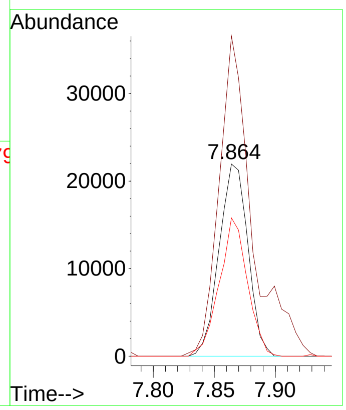
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

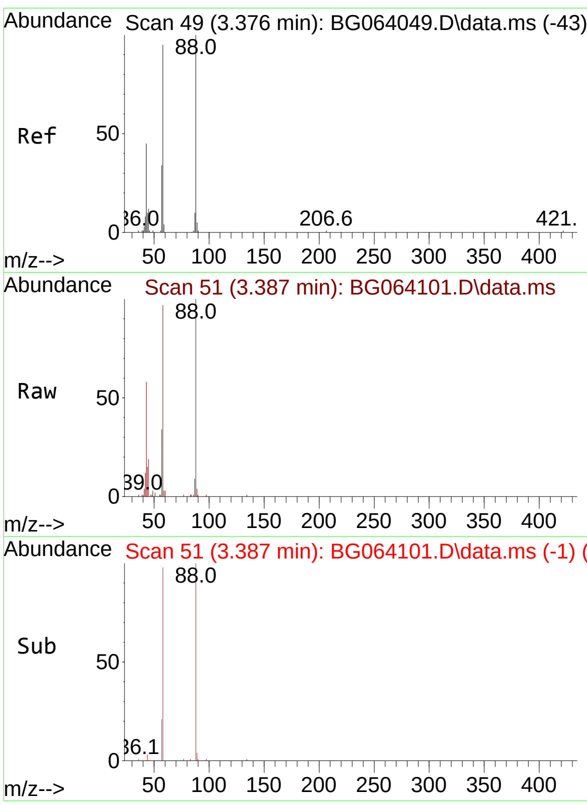


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:152 Resp: 3605

Ion	Ratio	Lower	Upper
152	100		
150	166.5	129.2	193.8
115	71.9	63.0	94.6

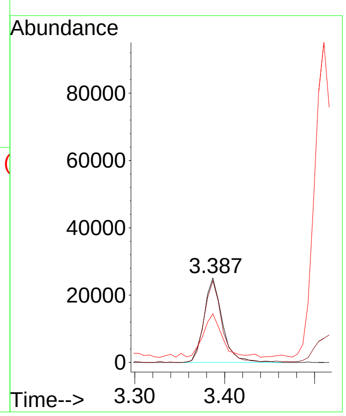




#2
1,4-Dioxane
Concen: 33.895 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.011 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

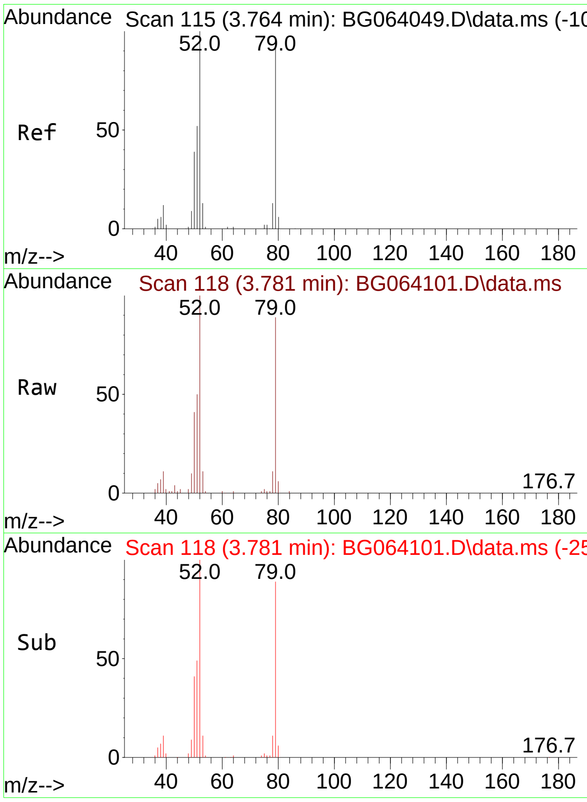
Tgt Ion: 88 Resp: 35471

Ion	Ratio	Lower	Upper
88	100		
58	95.8	74.6	111.8
43	51.3	35.5	53.3



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

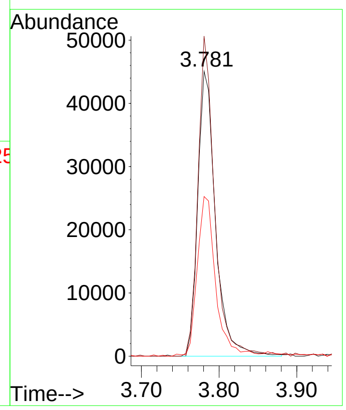
Manual Integrations
APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

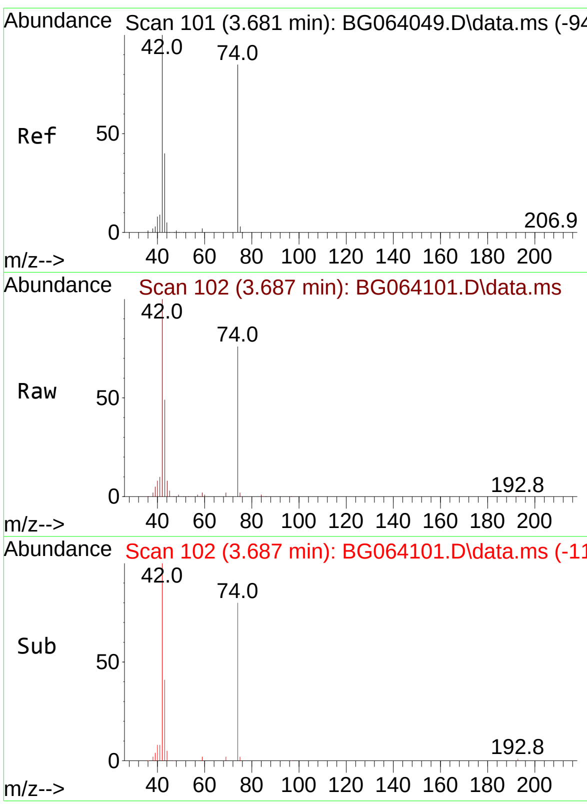


#3
Pyridine
Concen: 28.044 ng
RT: 3.781 min Scan# 1
Delta R.T. 0.017 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 79 Resp: 7137

Ion	Ratio	Lower	Upper
79	100		
52	112.3	83.0	124.6
51	56.0	44.3	66.5

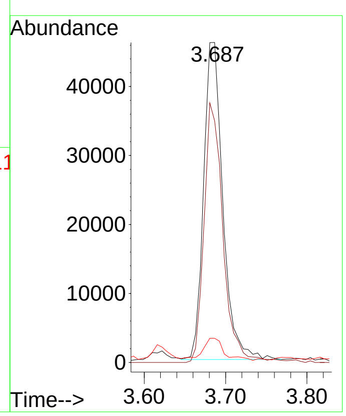


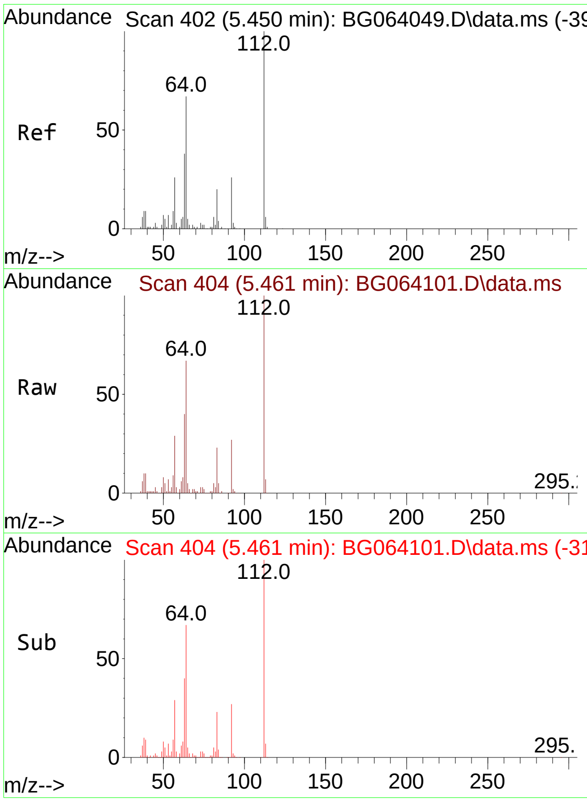


#4
n-Nitrosodimethylamine
Concen: 41.580 ng
RT: 3.687 min Scan# 102
Delta R.T. 0.005 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 42 Resp: 75609

Ion	Ratio	Lower	Upper
42	100		
74	75.5	68.0	102.0
44	7.5	4.9	7.3#

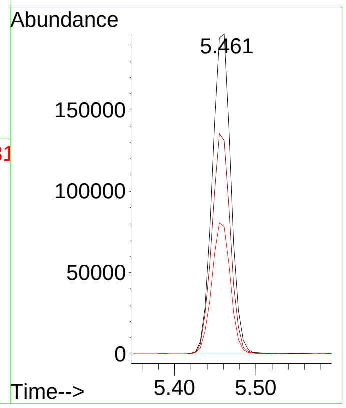




#5
2-Fluorophenol
Concen: 136.514 ng
RT: 5.461 min Scan# 4
Delta R.T. 0.011 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:112 Resp: 315231

Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.7	80.5
63	39.7	30.2	45.4



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

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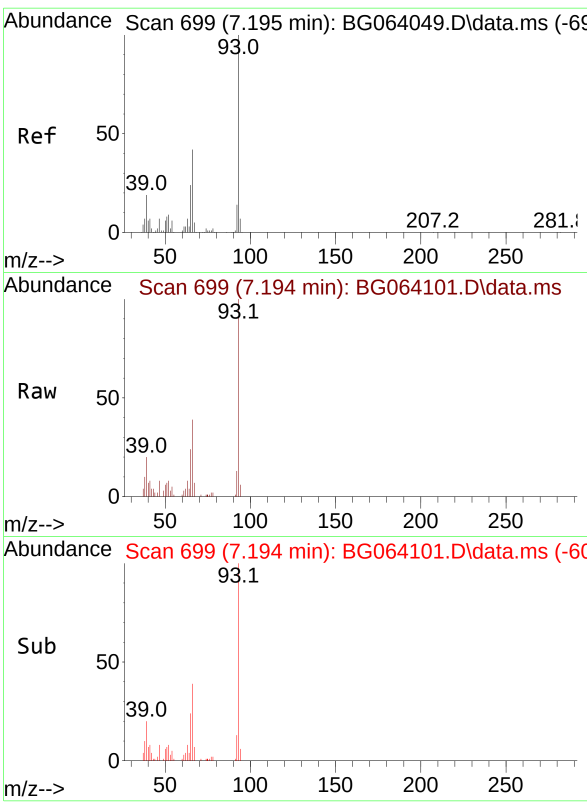
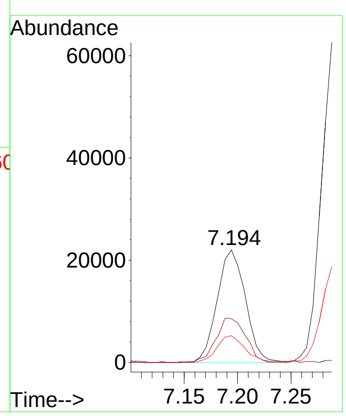
Supervised By :Jagrut Upadhyay 03/12/2025



#6
Aniline
Concen: 13.133 ng
RT: 7.194 min Scan# 699
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 93 Resp: 40483

Ion	Ratio	Lower	Upper
93	100		
66	38.8	33.7	50.5
65	23.8	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

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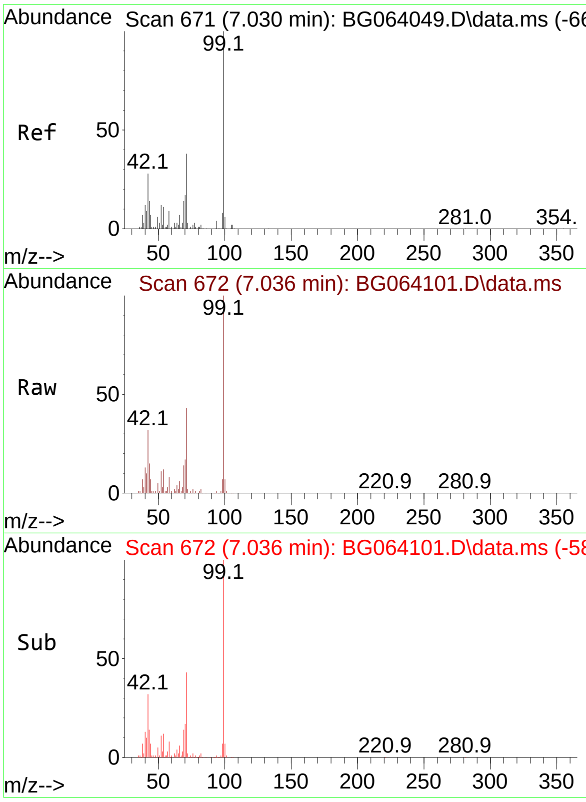
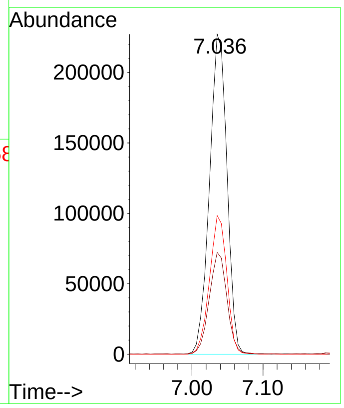
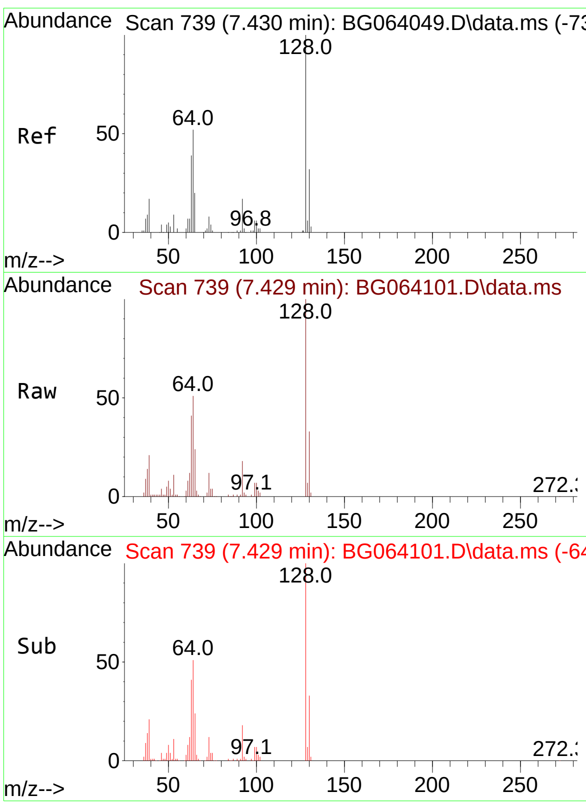


#7
Phenol-d6
Concen: 123.983 ng
RT: 7.036 min Scan# 6
Delta R.T. 0.005 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 99 Resp: 38947

Ion	Ratio	Lower	Upper
99	100		
42	31.8	22.7	34.1
71	43.3	30.6	46.0

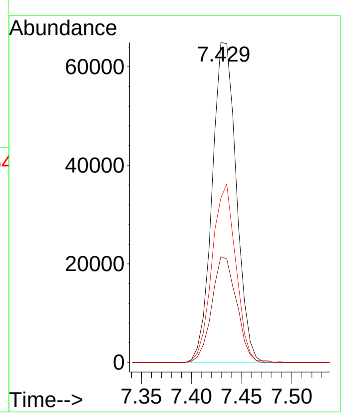




#8
2-Chlorophenol
Concen: 43.903 ng
RT: 7.429 min Scan# 739
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:128 Resp: 108881

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	51.4	37.0	77.0



Instrument :
BNA_G
ClientSampleId :
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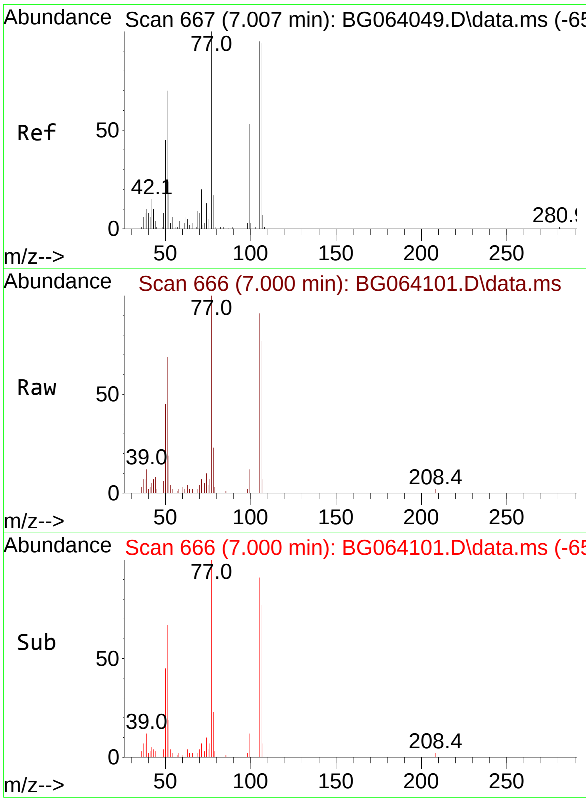
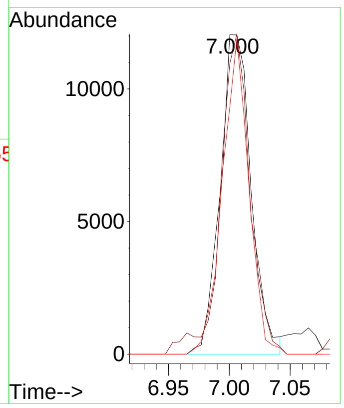
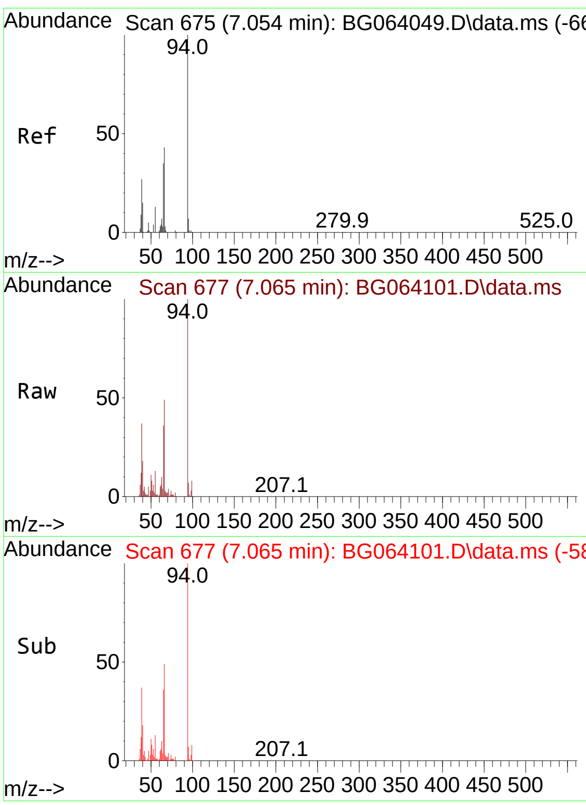


#9
Benzaldehyde
Concen: 11.650 ng
RT: 7.000 min Scan# 6
Delta R.T. -0.007 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 77 Resp: 2128

Ion	Ratio	Lower	Upper
77	100		
105	91.0	75.5	115.5
106	77.3	74.2	114.2

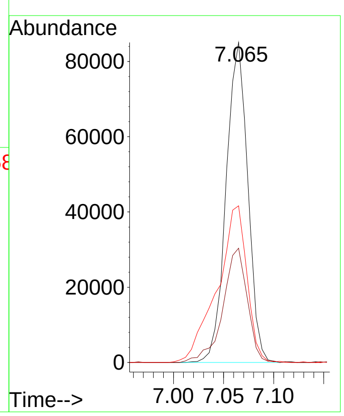




#10
Phenol
Concen: 39.738 ng
RT: 7.065 min Scan# 677
Delta R.T. 0.011 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 94 Resp: 127805

Ion	Ratio	Lower	Upper
94	100		
65	35.7	15.2	55.2
66	48.9	25.1	65.1



Instrument :
BNA_G
ClientSampleId :
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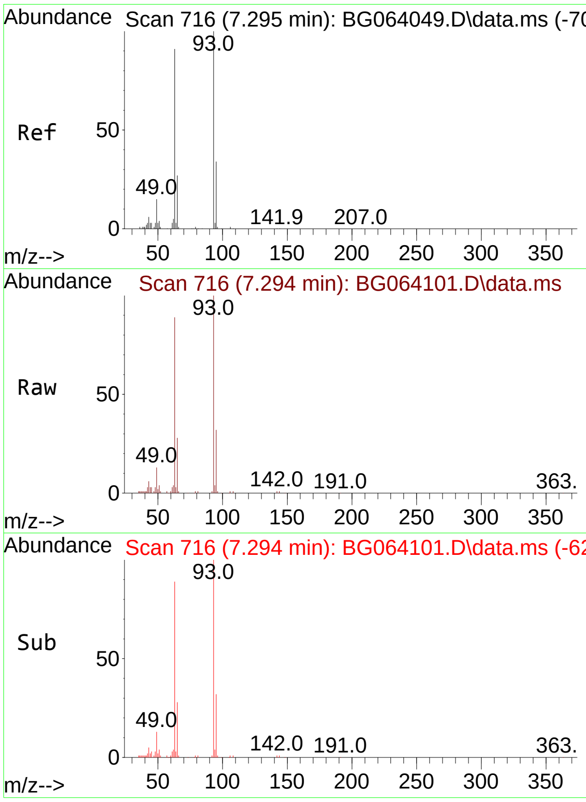
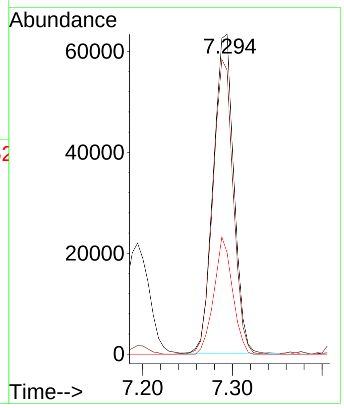
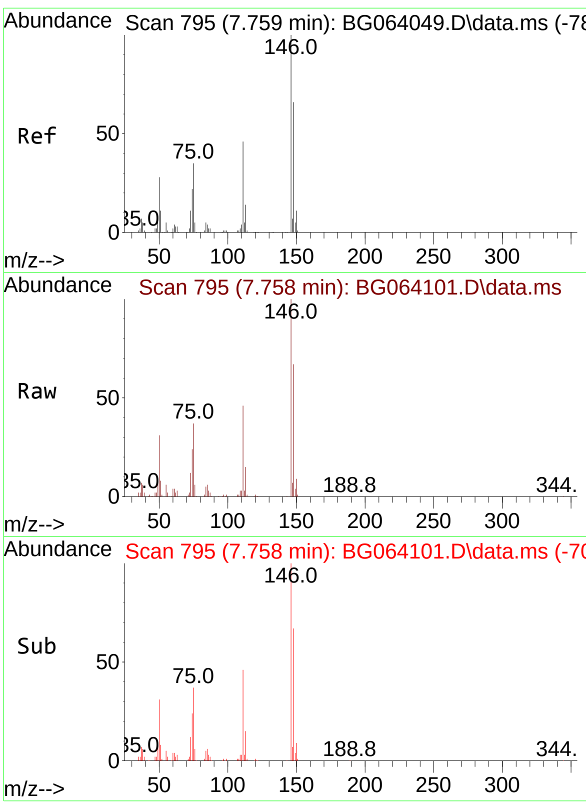


#11
bis(2-Chloroethyl)ether
Concen: 40.051 ng
RT: 7.294 min Scan# 7
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 93 Resp: 10098

Ion	Ratio	Lower	Upper
93	100		
63	88.8	70.0	110.0
95	31.7	13.7	53.7

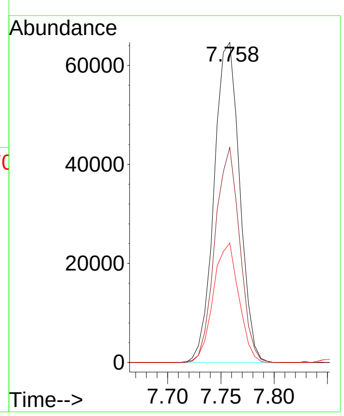




#12
1,3-Dichlorobenzene
Concen: 39.612 ng
RT: 7.758 min Scan# 795
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:146 Resp: 107881

Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.6	78.8
75	37.3	28.1	42.1



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

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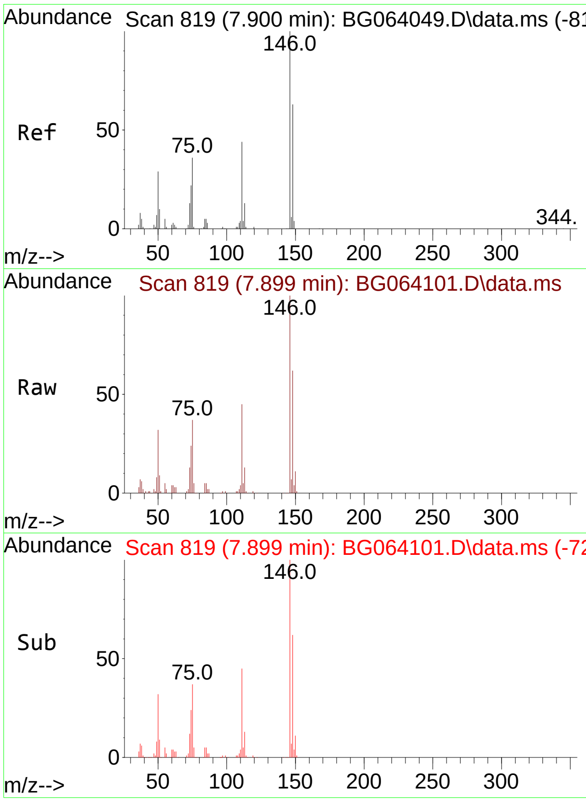
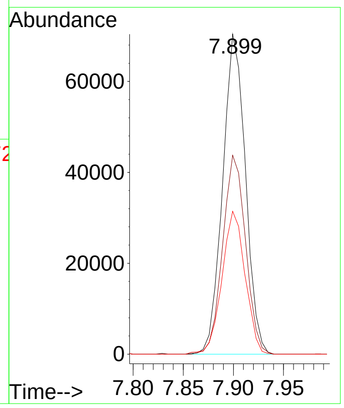
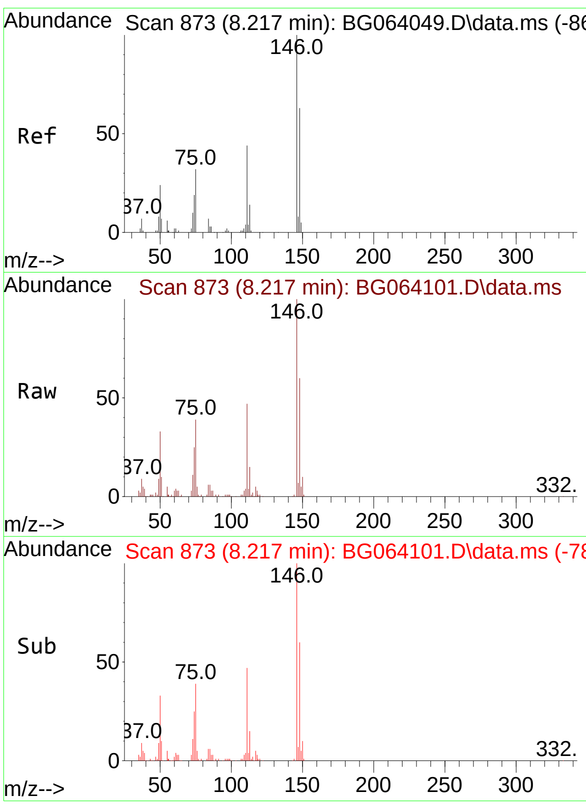
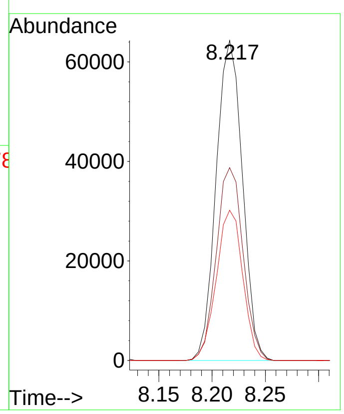



```
#13
1,4-Dichlorobenzene
Concen:    39.895 ng
RT:    7.899 min   Scan# 81
Delta R.T.   -0.001 min
Lab File:    BG064101.D
Acq: 11 Mar 2025   18:39

Tgt Ion:146 Resp:  11136
Ion   Ratio   Lower   Upper
146   100
148    62.2    50.6    75.8
111    44.6    35.1    52.7
```






```
#14
1,2-Dichlorobenzene
Concen:    41.069 ng
RT:    8.217 min   Scan# 873
Delta R.T.   -0.001 min
Lab File:    BG064101.D
Acq: 11 Mar 2025   18:39

Tgt Ion:146 Resp:  110547
Ion   Ratio   Lower   Upper
146   100
148    60.2    50.2    75.2
111    47.0    36.4    54.6
```



Instrument : BNA_G
ClientSampleId : WC-A2-02-CMS

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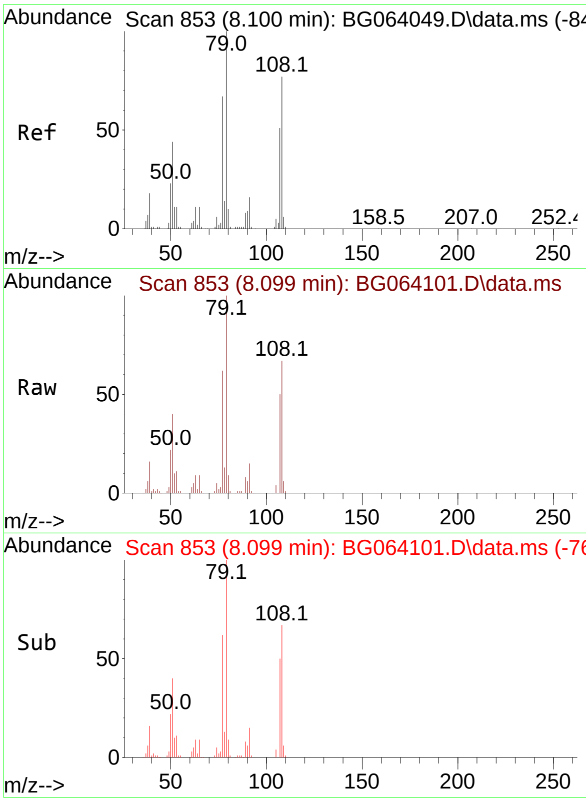
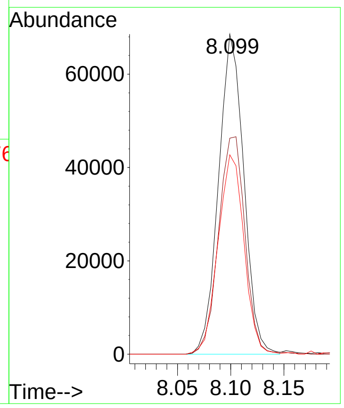
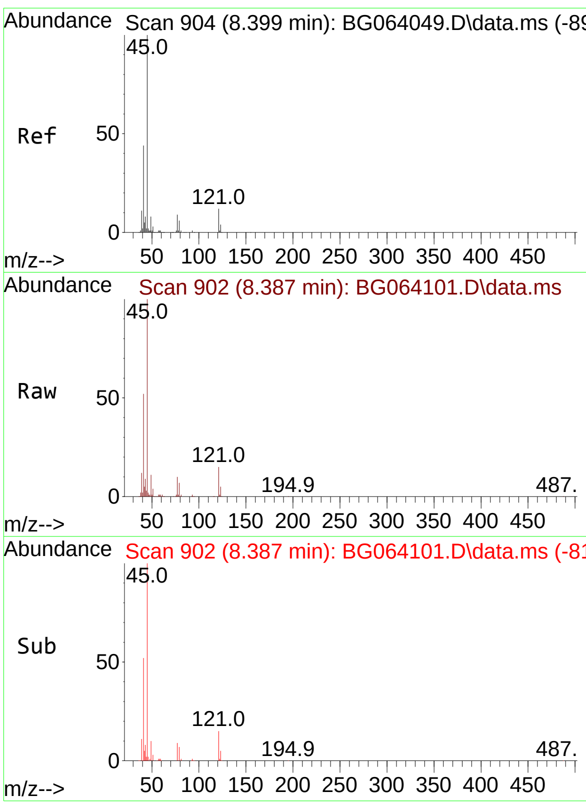


#15
Benzyl Alcohol
Concen: 46.582 ng
RT: 8.099 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 79 Resp: 11307

Ion	Ratio	Lower	Upper
79	100		
108	67.5	61.7	92.5
77	62.3	53.9	80.9

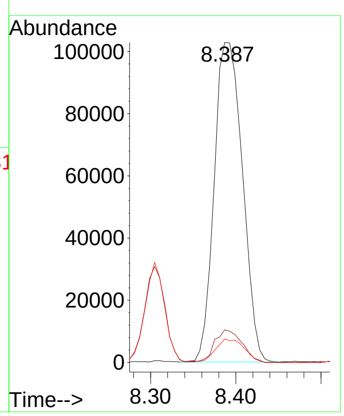




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.893 ng
RT: 8.387 min Scan# 902
Delta R.T. -0.012 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 45 Resp: 237518

Ion	Ratio	Lower	Upper
45	100		
77	10.2	0.0	29.0
79	7.3	0.0	26.6



Instrument :
BNA_G
ClientSampleId :
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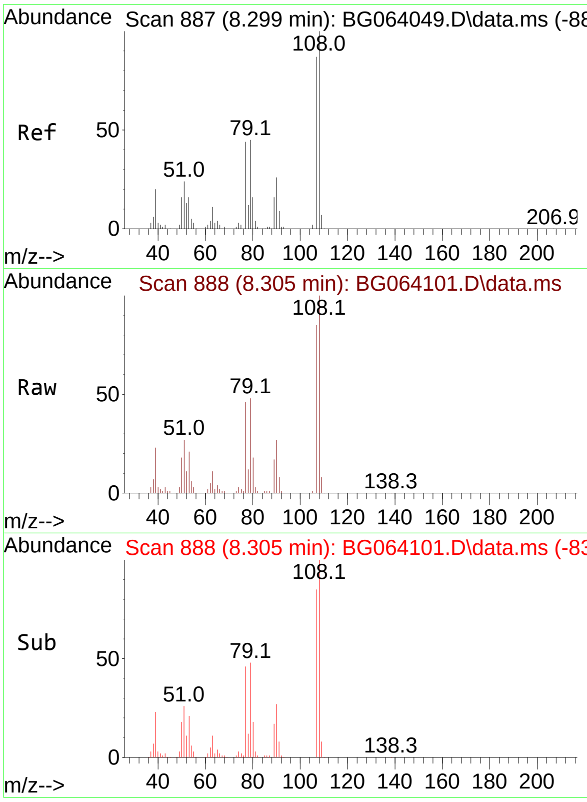
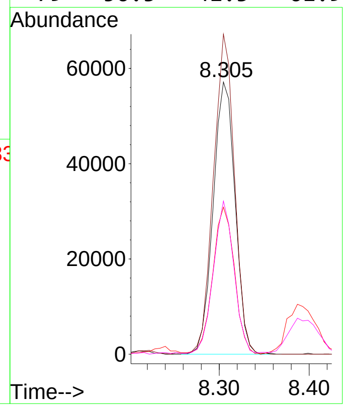
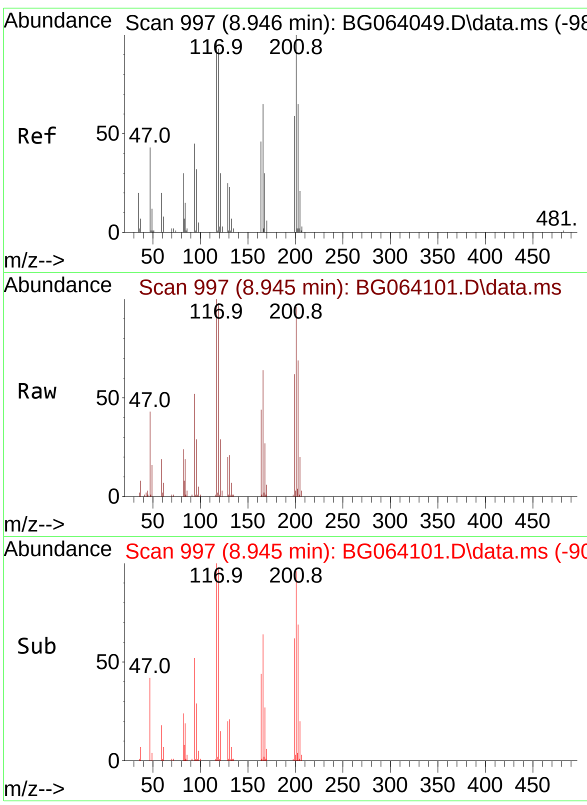


#17
2-Methylphenol
Concen: 45.277 ng
RT: 8.305 min Scan# 8
Delta R.T. 0.005 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:107 Resp: 9664

Ion	Ratio	Lower	Upper
107	100		
108	117.6	92.5	138.7
77	54.0	40.5	60.7
79	56.3	41.3	61.9

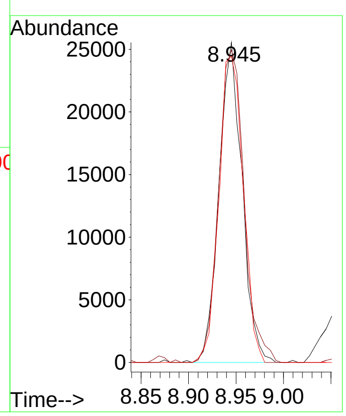




#18
Hexachloroethane
Concen: 44.178 ng
RT: 8.945 min Scan# 997
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:117 Resp: 43147

Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.2	114.2
201	95.6	81.5	122.3



Instrument :
BNA_G
ClientSampleId :
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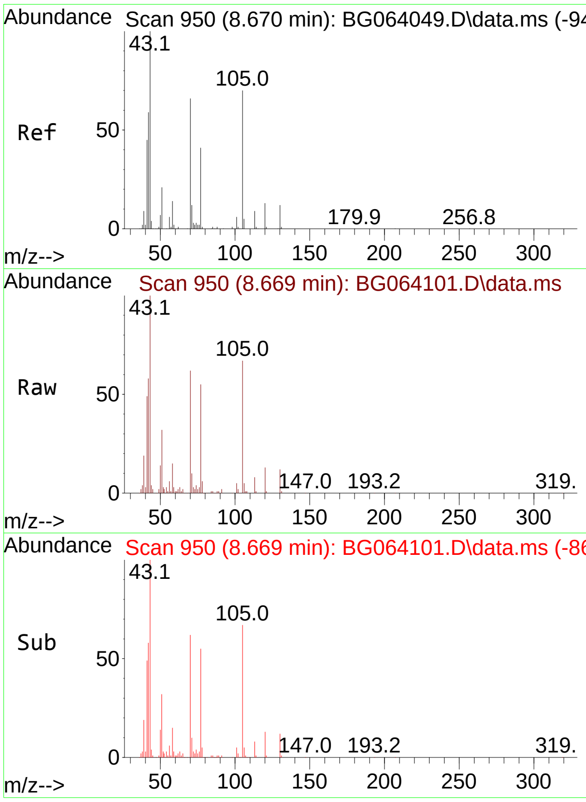
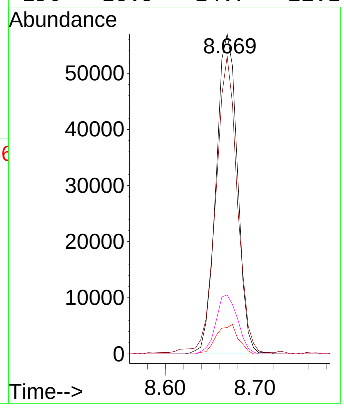
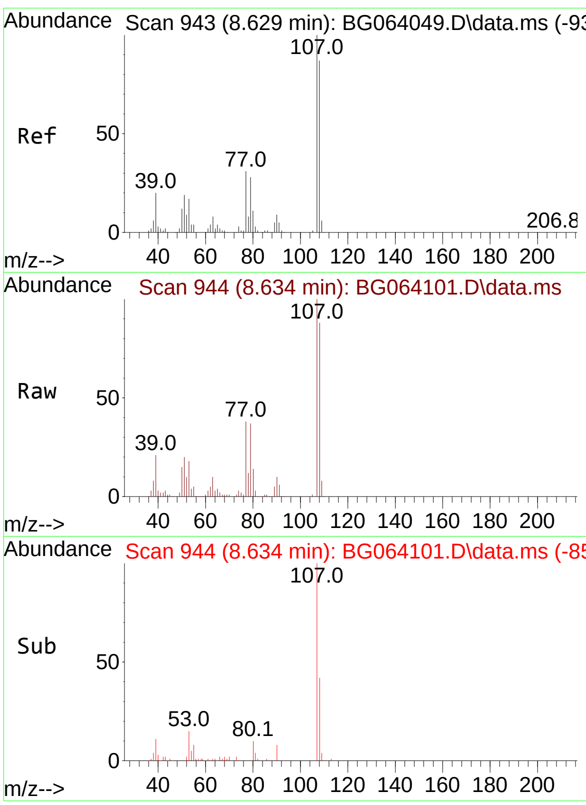


#19
n-Nitroso-di-n-propylamine
Concen: 42.696 ng
RT: 8.669 min Scan# 9
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 70 Resp: 9412

Ion	Ratio	Lower	Upper
70	100		
42	93.0	72.1	108.1
101	8.2	7.2	10.8
130	18.5	14.7	22.1

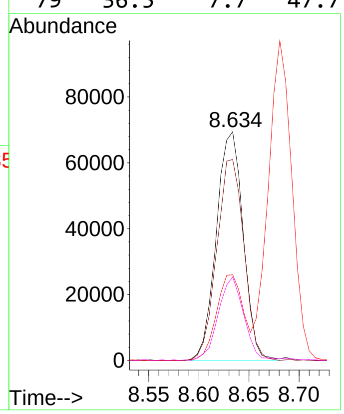




#20
3+4-Methylphenols
Concen: 44.015 ng
RT: 8.634 min Scan# 944
Delta R.T. 0.005 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:107 Resp: 129344

Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.0	107.0
77	37.5	11.2	51.2
79	36.5	7.7	47.7



Sample Results: **BG064101.D**

Instrument :
BNA_G
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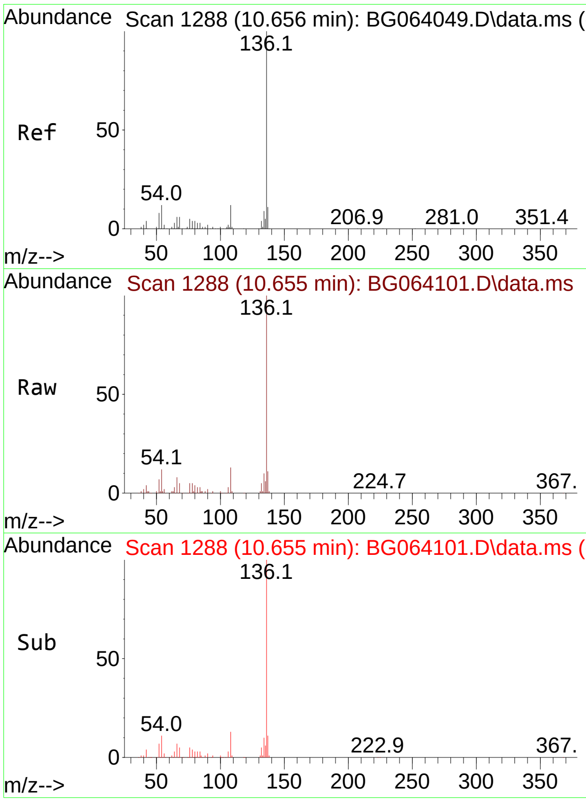
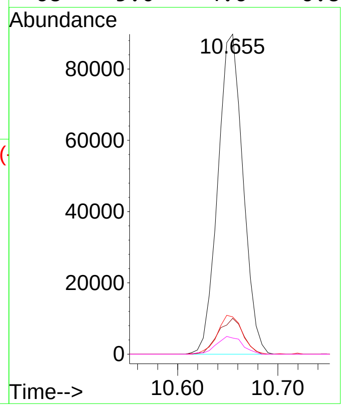
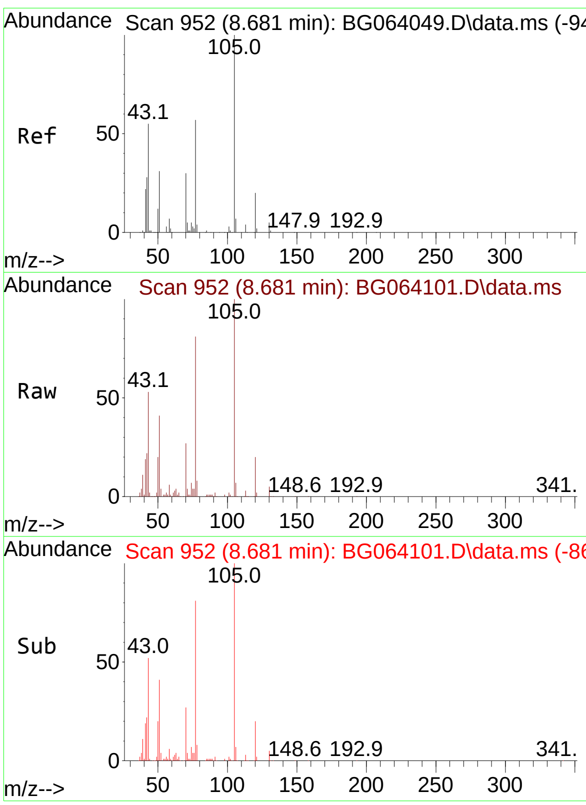


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.655 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:136 Resp: 15654

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.7	9.9	14.9
68	5.0	4.6	6.8

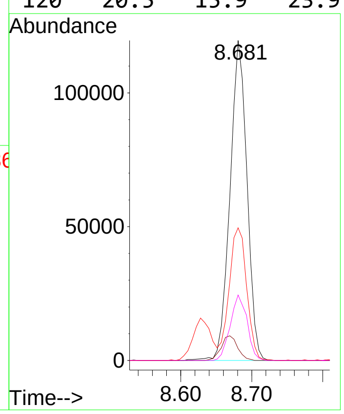


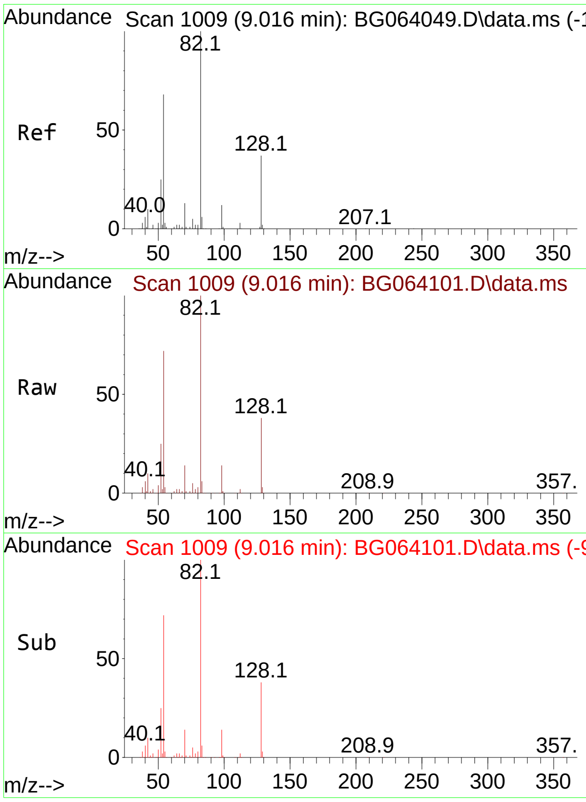


#22
Acetophenone
Concen: 46.424 ng
RT: 8.681 min Scan# 952
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:105 Resp: 199259

Ion	Ratio	Lower	Upper
105	100		
71	3.7	4.2	6.4#
51	41.5	33.3	49.9
120	20.5	15.9	23.9

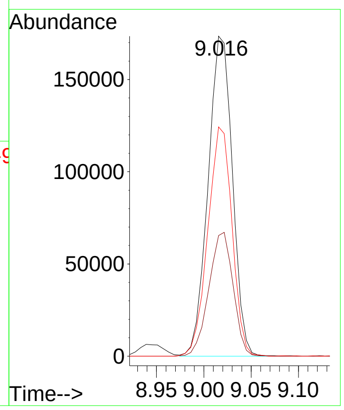




#23
Nitrobenzene-d5
Concen: 109.604 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 82 Resp: 31048

Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.0	45.0
54	71.6	54.7	82.1



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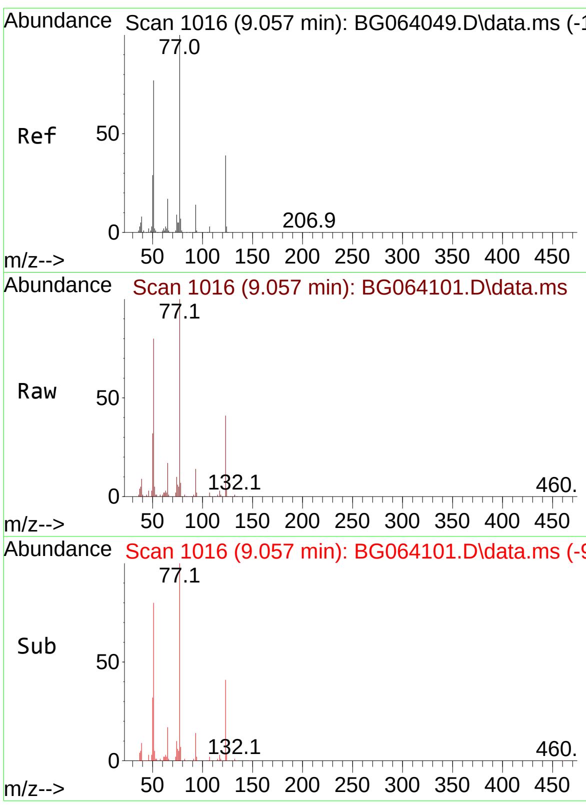
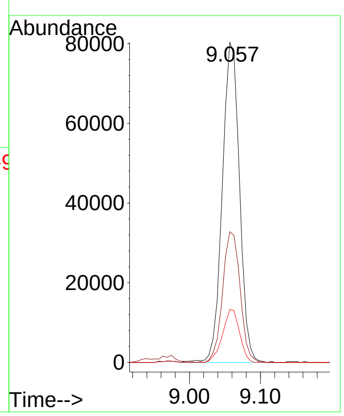


#24
Nitrobenzene
Concen: 46.183 ng
RT: 9.057 min Scan# 1016
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 77 Resp: 135203

Ion	Ratio	Lower	Upper
77	100		
123	40.8	31.4	47.2
65	16.5	13.4	20.0



Instrument :
BNA_G
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WC-A2-02-CMS

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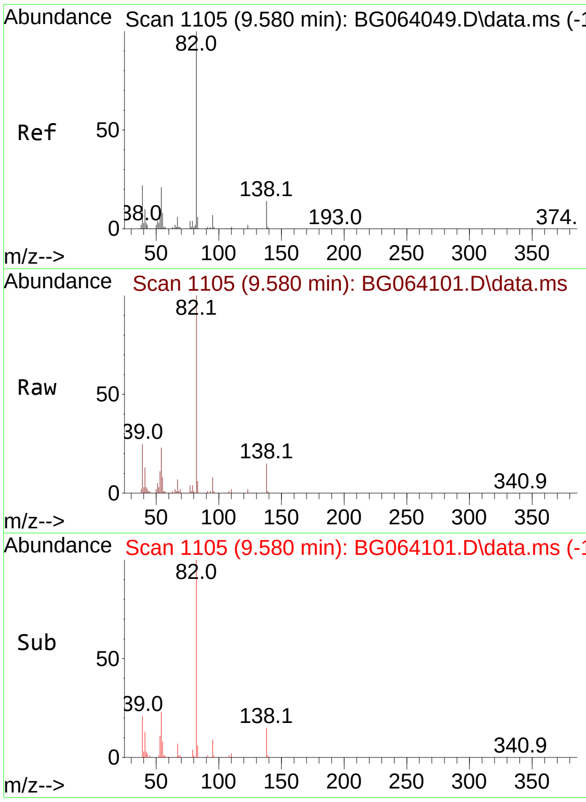
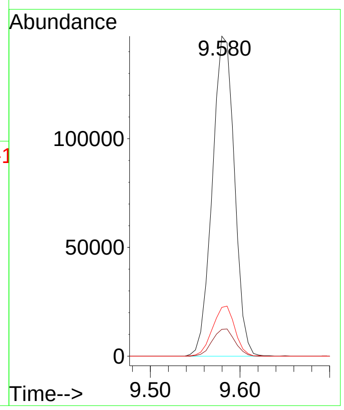
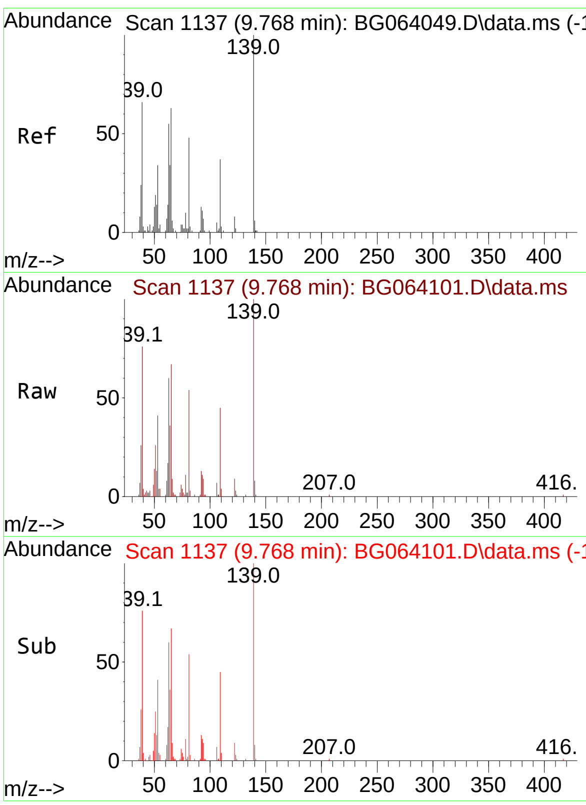


#25
Isophorone
Concen: 44.481 ng
RT: 9.580 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 82 Resp: 25220

Ion	Ratio	Lower	Upper
82	100		
95	8.4	5.8	8.8
138	15.3	10.9	16.3

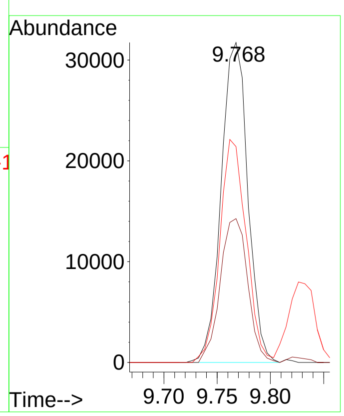




#26
2-Nitrophenol
Concen: 53.237 ng
RT: 9.768 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:139 Resp: 55267

Ion	Ratio	Lower	Upper
139	100		
109	45.0	29.9	44.9#
65	67.4	50.6	76.0



Instrument :
BNA_G
ClientSampleId :
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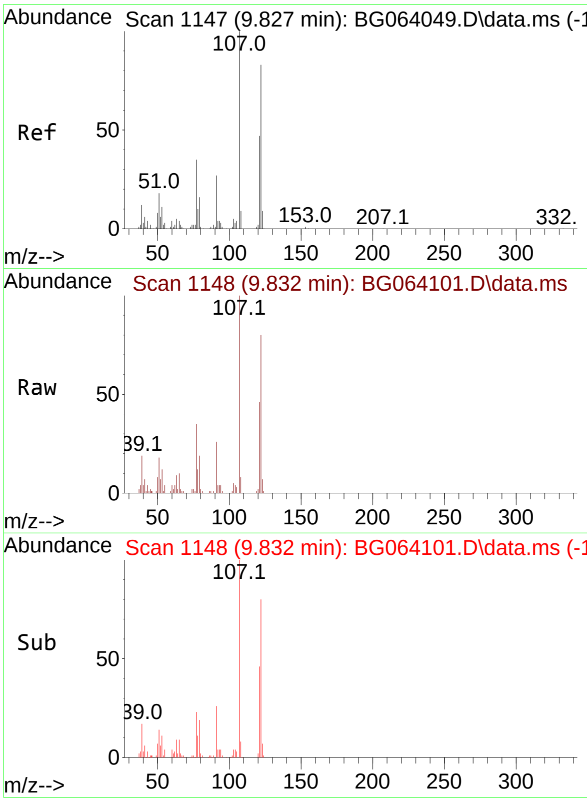
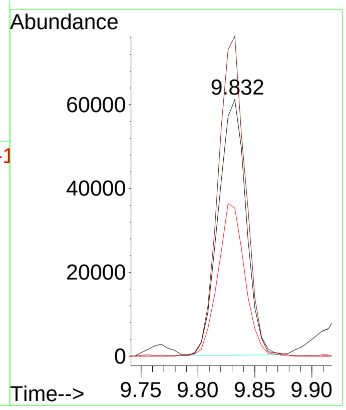
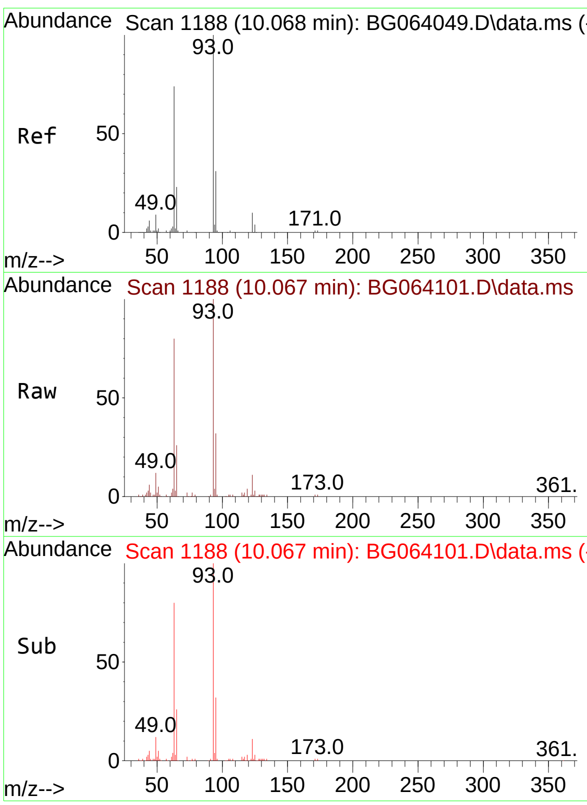
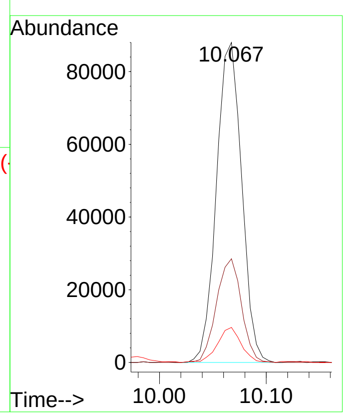


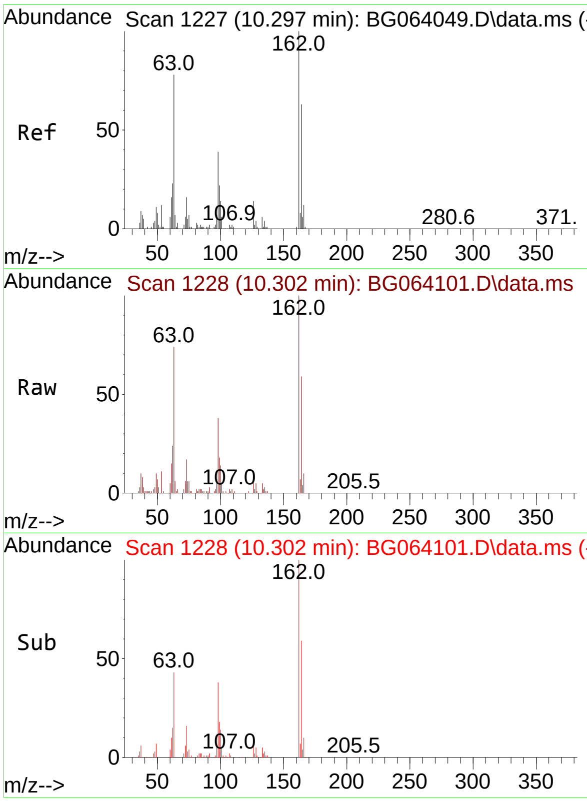

```
#27
2,4-Dimethylphenol
Concen:   60.728 ng
RT:   9.832 min  Scan# 1
Delta R.T.  0.005 min
Lab File:   BG064101.D
Acq: 11 Mar 2025  18:39

Tgt Ion:122 Resp:  10322
Ion  Ratio  Lower  Upper
122  100
107  124.7   95.4  143.0
121   57.7   44.9   67.3
```






```
#28
bis(2-Chloroethoxy)methane
Concen:   42.057 ng
RT:  10.067 min  Scan# 1188
Delta R.T.  -0.001 min
Lab File:   BG064101.D
Acq: 11 Mar 2025  18:39

Tgt Ion: 93 Resp:  144572
Ion  Ratio  Lower  Upper
 93  100
 95   32.4   25.0   37.4
123   11.0    7.6   11.4
```





#29
2,4-Dichlorophenol
Concen: 49.690 ng
RT: 10.302 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:162 Resp: 10665

Ion	Ratio	Lower	Upper
162	100		
164	58.9	42.8	82.8
98	38.3	19.1	59.1

Instrument :
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ClientSampleId :
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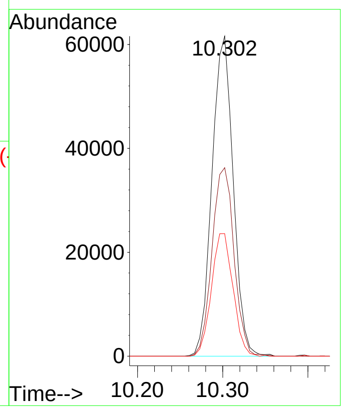
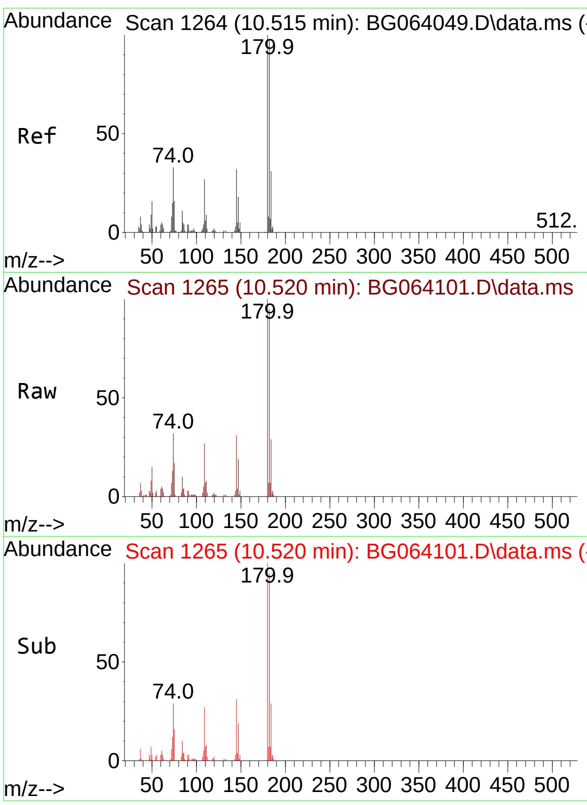
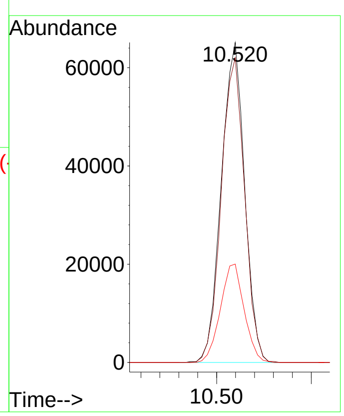




#30
1,2,4-Trichlorobenzene
Concen: 43.026 ng
RT: 10.520 min Scan# 1265
Delta R.T. 0.005 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:180 Resp: 111478

Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.3	115.9
145	30.8	25.2	37.8



Instrument :
BNA_G
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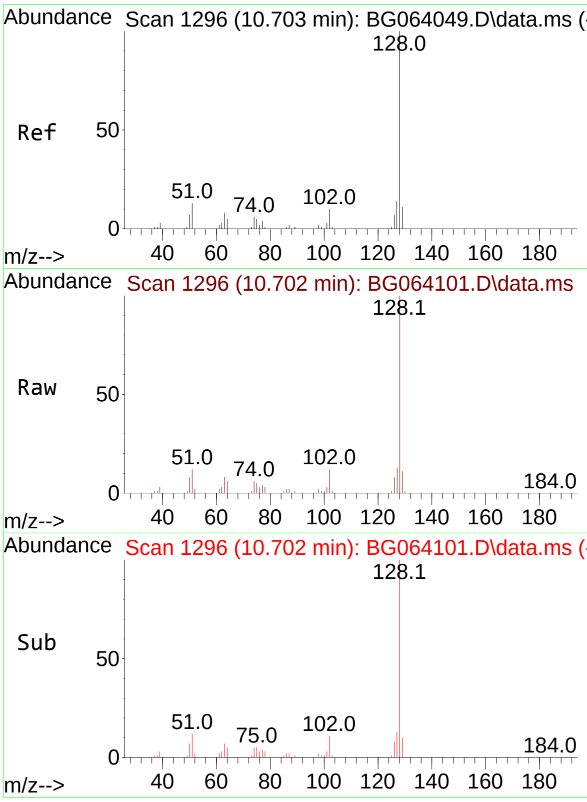
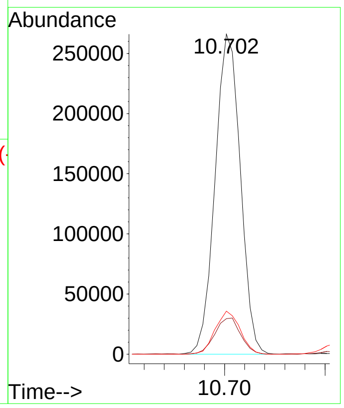
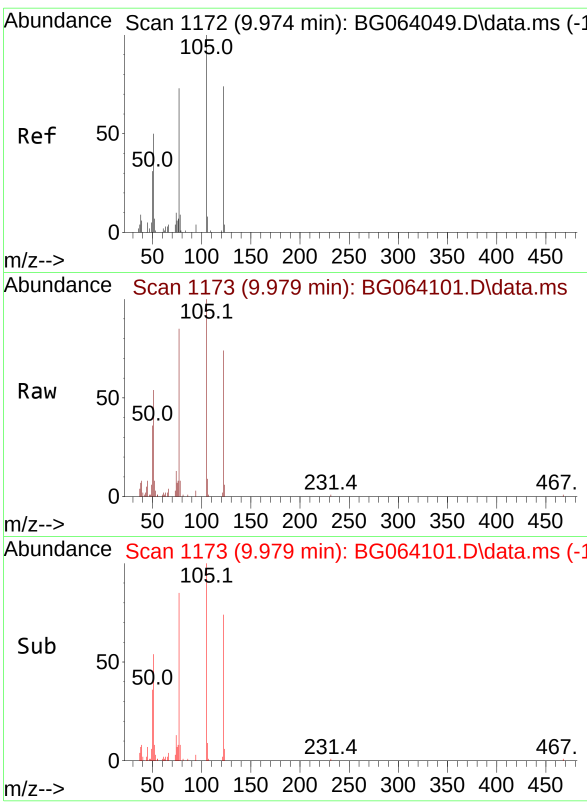
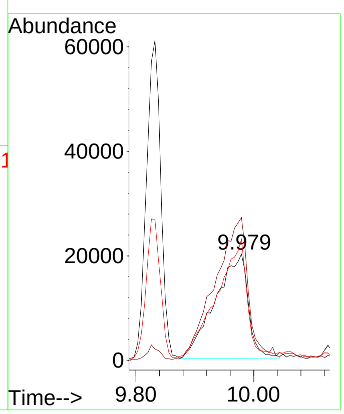


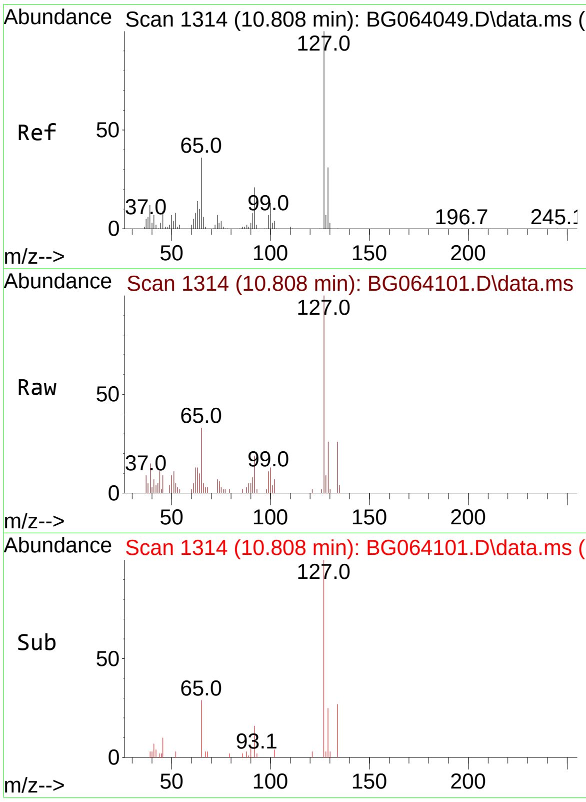

```
#31
Naphthalene
Concen:   54.982 ng
RT:  10.702 min  Scan# 1
Delta R.T.   -0.001 min
Lab File:    BG064101.D
Acq: 11 Mar 2025  18:39

Tgt Ion:128 Resp:  46411
Ion  Ratio  Lower  Upper
128  100
129   11.1    8.4   12.6
127   13.4   11.1   16.7
```






```
#32
Benzoic acid
Concen:   49.671 ng
RT:   9.979 min  Scan# 1173
Delta R.T.  0.005 min
Lab File:   BG064101.D
Acq: 11 Mar 2025  18:39

Tgt Ion:122 Resp:   78106
Ion  Ratio  Lower  Upper
122  100
105  134.3  115.0  155.0
 77  114.0   80.9  120.9
```

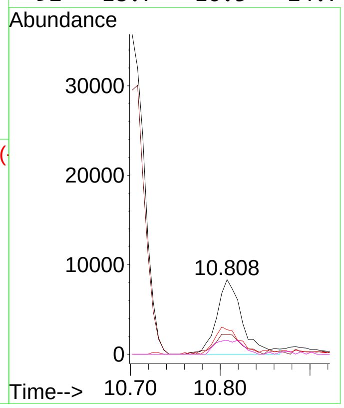




#33
4-Chloroaniline
Concen: 5.342 ng
RT: 10.808 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:127 Resp: 1648

Ion	Ratio	Lower	Upper
127	100		
129	26.4	25.0	37.4
65	32.9	28.5	42.7
92	18.7	16.5	24.7



Instrument :
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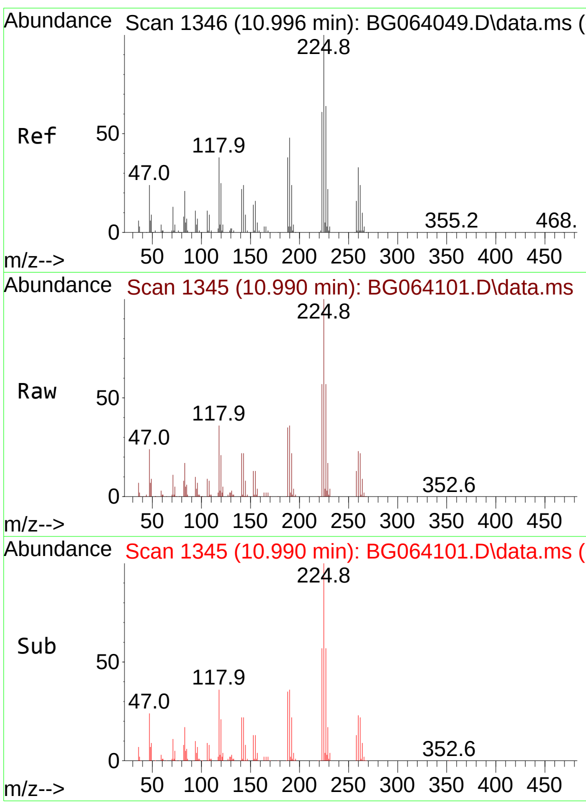
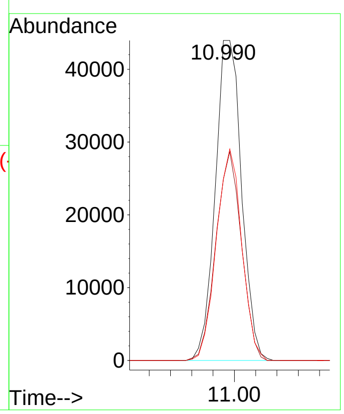
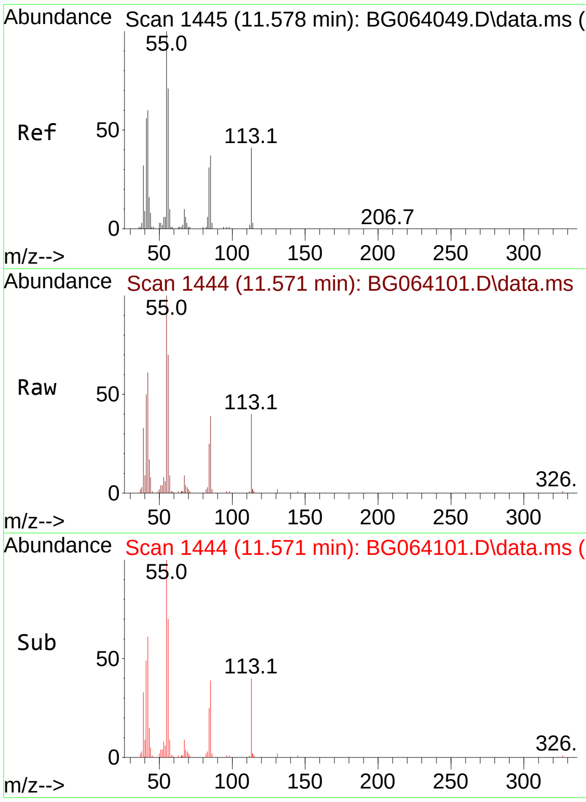


#34
Hexachlorobutadiene
Concen: 44.418 ng
RT: 10.990 min Scan# 1345
Delta R.T. -0.007 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:225 Resp: 75434

Ion	Ratio	Lower	Upper
225	100		
223	56.6	48.5	72.7
227	56.8	51.0	76.6






```
#35
Caprolactam
Concen:   43.692 ng  m
RT:  11.571 min  Scan# 14
Delta R.T.  -0.007 min
Lab File:   BG064101.D
Acq: 11 Mar 2025  18:39

Tgt Ion:113 Resp:   3593
Ion  Ratio  Lower  Upper
113  100
 55  247.7  225.2  265.2
 56  174.0  153.4  193.4
```

Instrument :
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ClientSampleId :
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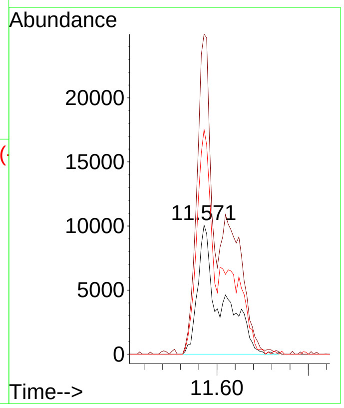
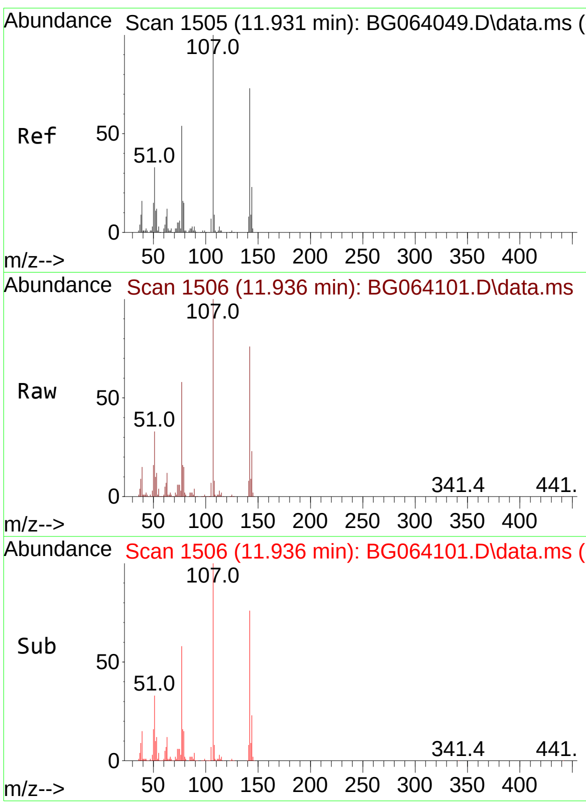
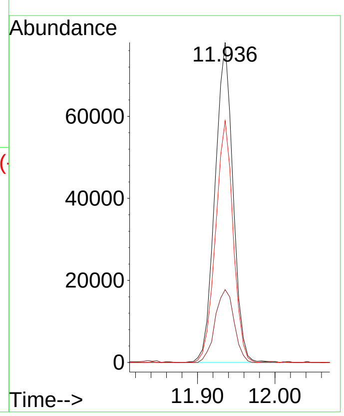
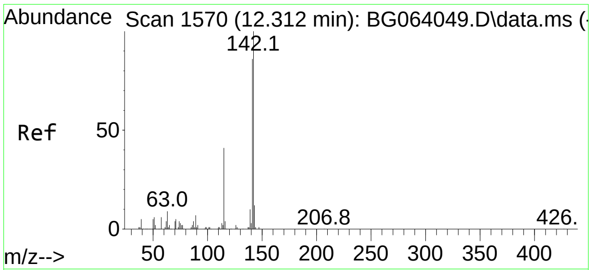


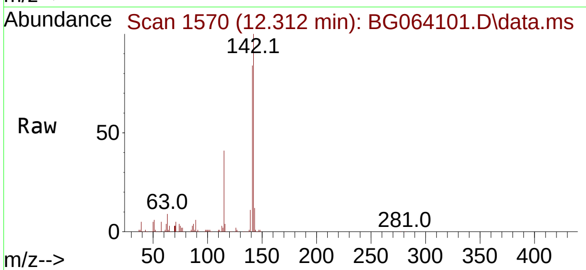


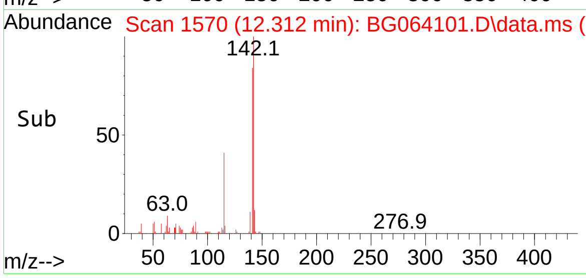

```
#36
4-Chloro-3-methylphenol
Concen:   44.803 ng
RT:  11.936 min  Scan# 1506
Delta R.T.  0.005 min
Lab File:   BG064101.D
Acq: 11 Mar 2025  18:39

Tgt Ion:107 Resp:  126049
Ion  Ratio  Lower  Upper
107  100
144   22.7   18.6   28.0
142   75.5   58.0   87.0
```



Sample Results: **BG064101.D**



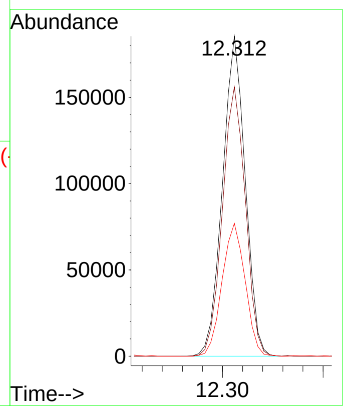




#37
2-Methylnaphthalene
Concen: 48.819 ng
RT: 12.312 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:142 Resp: 29092

Ion	Ratio	Lower	Upper
142	100		
141	84.2	68.6	103.0
115	41.5	32.8	49.2



Instrument :
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ClientSampleId :
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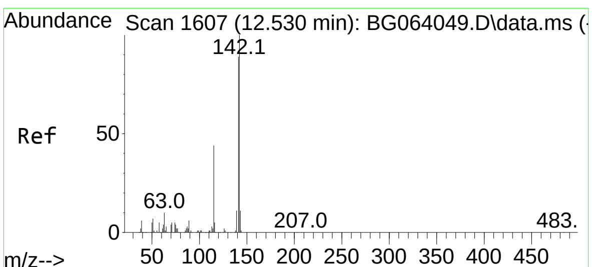
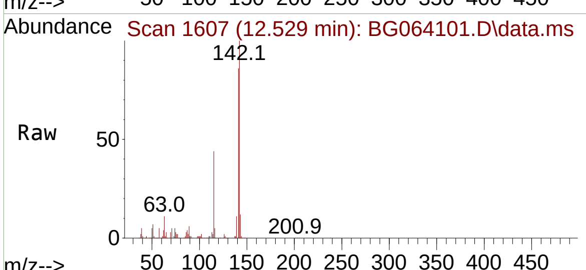
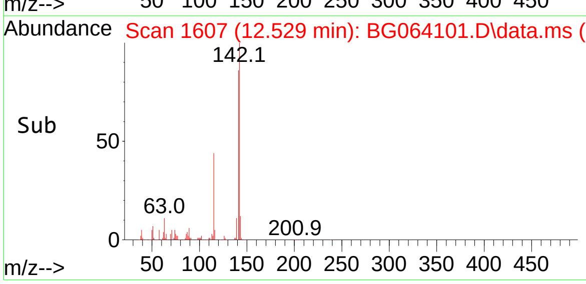


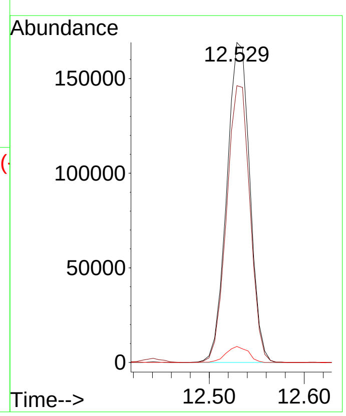




#38
1-Methylnaphthalene
Concen: 49.005 ng
RT: 12.529 min Scan# 1607
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:142 Resp: 286104

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.2	106.8
116	5.0	3.6	5.4



Instrument :
BNA_G
ClientSampleId :
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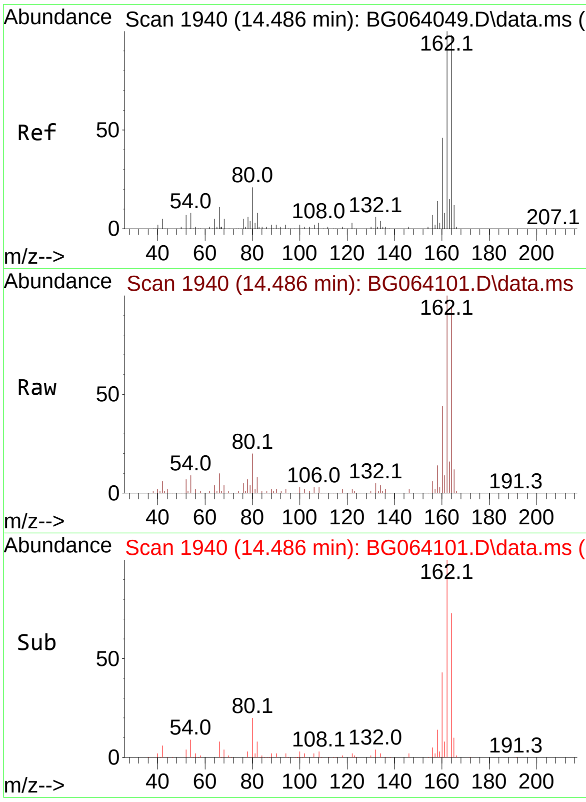
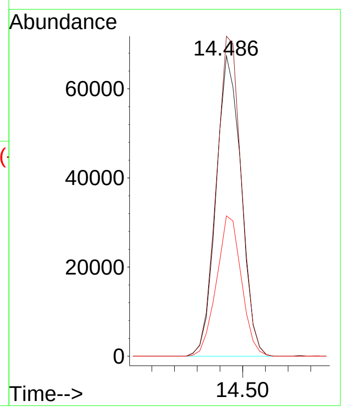
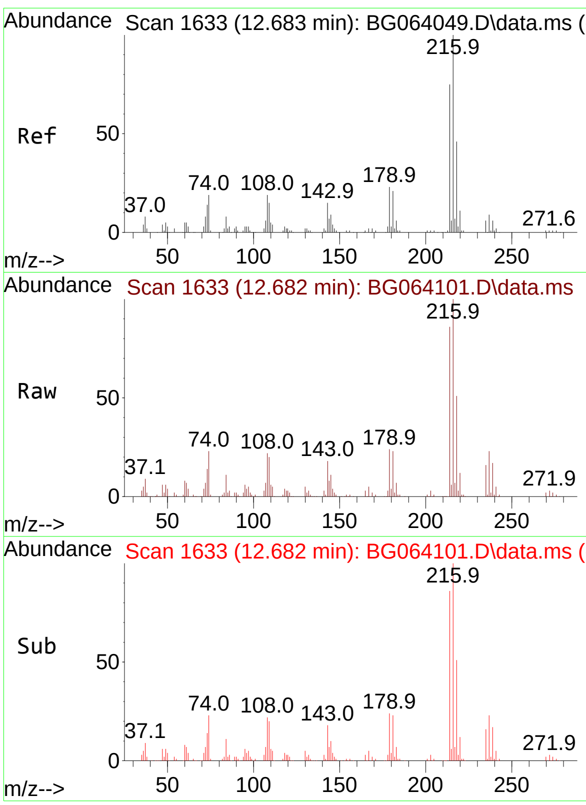


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:164 Resp: 10302

Ion	Ratio	Lower	Upper
164	100		
162	106.5	81.4	122.0
160	46.7	37.0	55.6

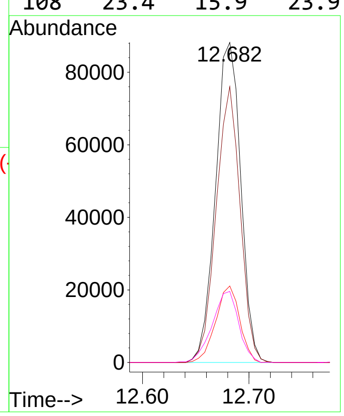




#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.477 ng
RT: 12.682 min Scan# 1633
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:216 Resp: 145530

Ion	Ratio	Lower	Upper
216	100		
214	81.7	61.7	92.5
179	22.8	17.9	26.9
108	23.4	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
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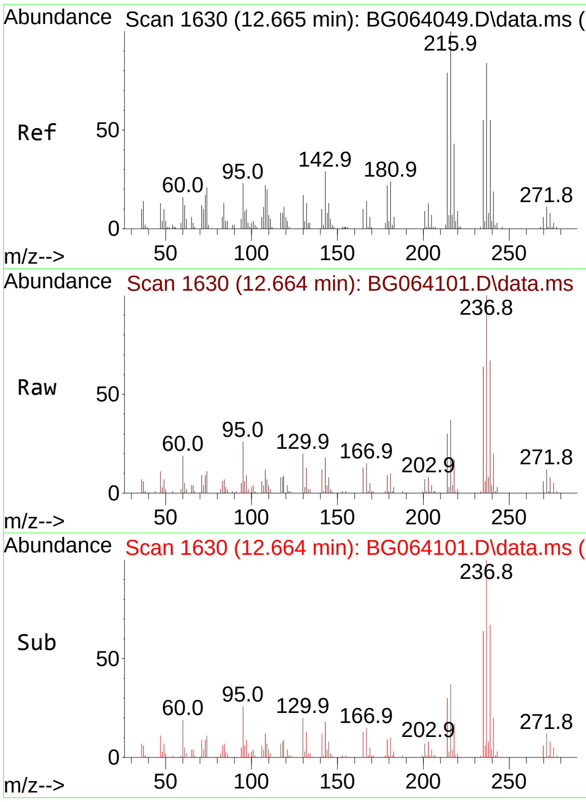
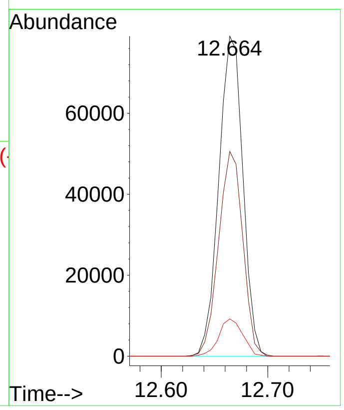
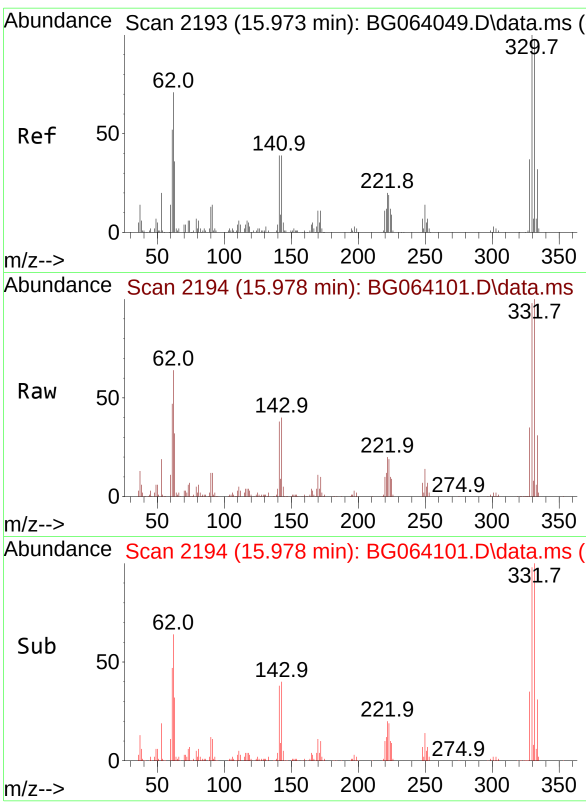


#41
Hexachlorocyclopentadiene
Concen: 150.049 ng
RT: 12.664 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:237 Resp: 12421

Ion	Ratio	Lower	Upper
237	100		
235	64.0	46.0	86.0
272	11.7	0.0	32.8

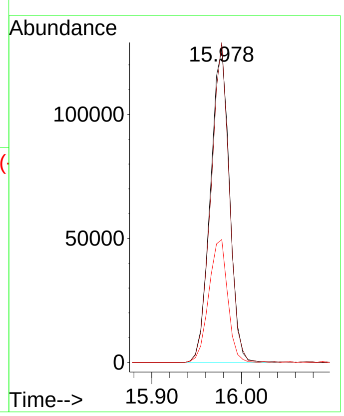


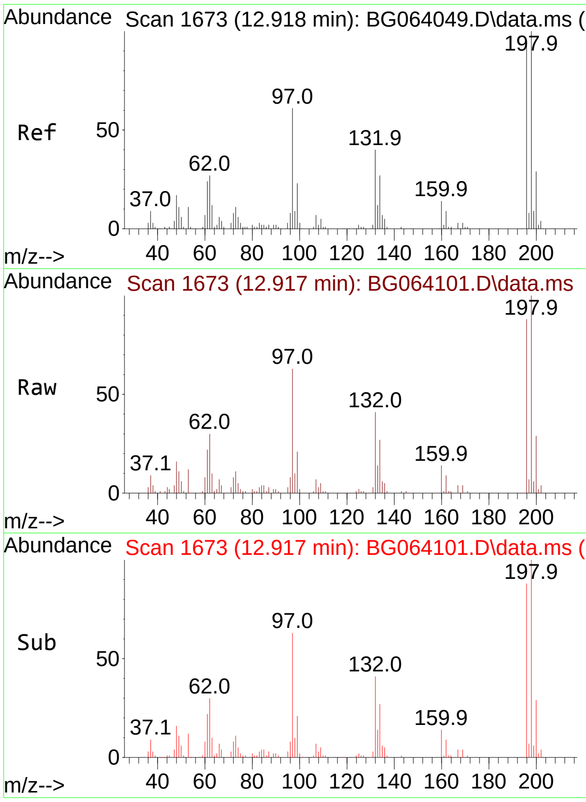


#42
2,4,6-Tribromophenol
Concen: 164.078 ng
RT: 15.978 min Scan# 2194
Delta R.T. 0.005 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:330 Resp: 187907

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.7	115.1
141	38.6	29.7	44.5





#43
2,4,6-Trichlorophenol
Concen: 51.599 ng
RT: 12.917 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:196 Resp: 8945

Ion	Ratio	Lower	Upper
196	100		
198	113.6	85.6	128.4
200	33.4	24.6	37.0

Instrument :
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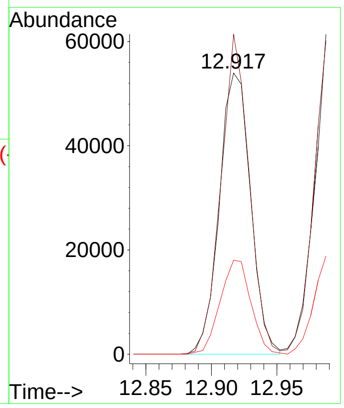
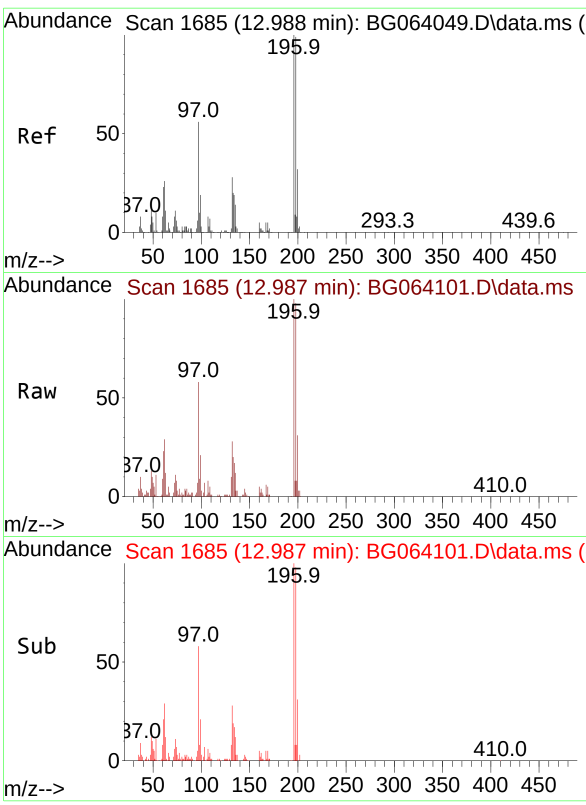
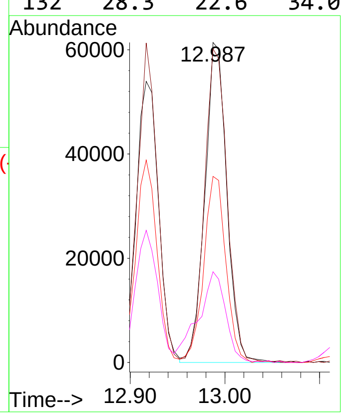


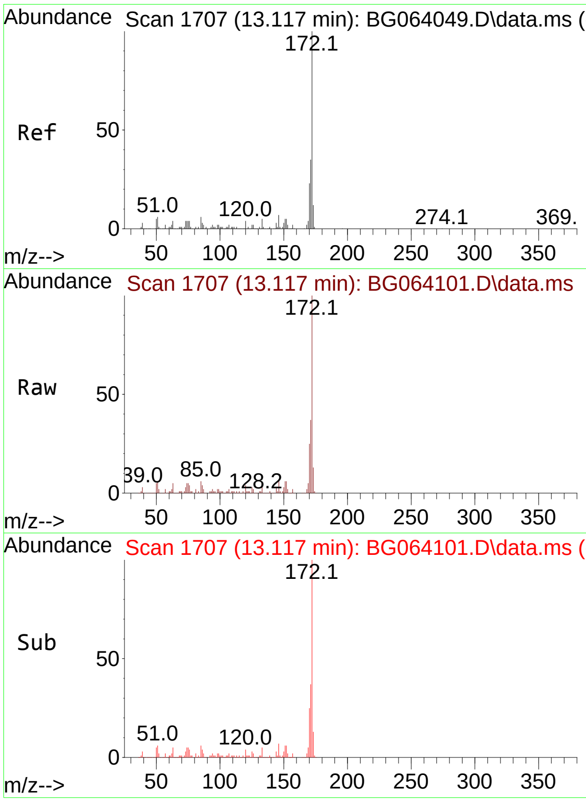


#44
2,4,5-Trichlorophenol
Concen: 51.533 ng
RT: 12.987 min Scan# 1685
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:196 Resp: 99263

Ion	Ratio	Lower	Upper
196	100		
198	98.0	79.5	119.3
97	58.2	45.2	67.8
132	28.3	22.6	34.0

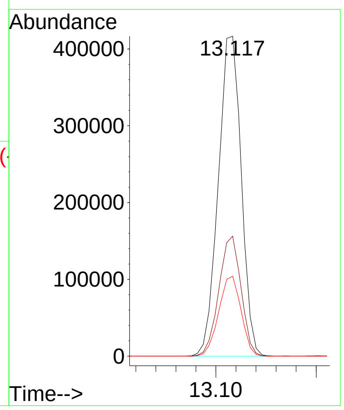




#45
2-Fluorobiphenyl
Concen: 97.523 ng
RT: 13.117 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:172 Resp: 66194

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.0	42.0
170	25.0	18.7	28.1



Instrument :
BNA_G
ClientSampleId :
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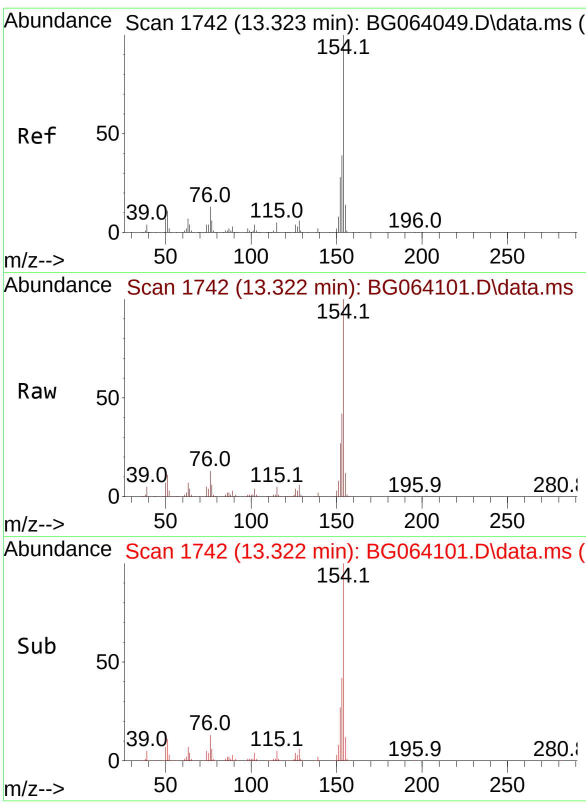
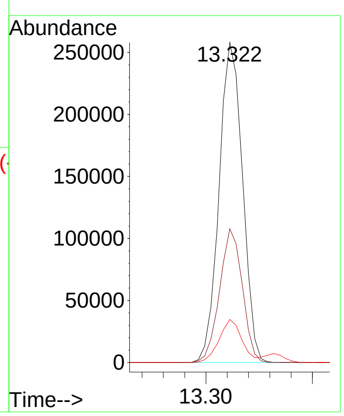
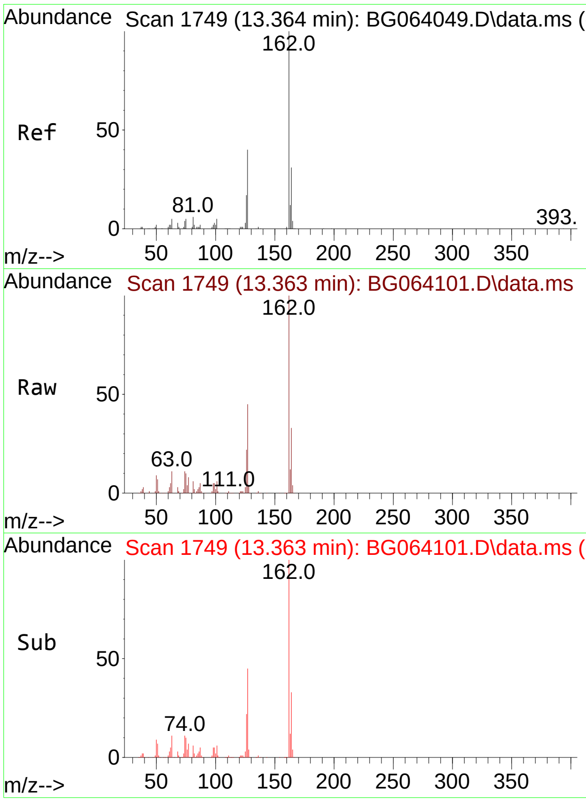


#46
1,1'-Biphenyl
Concen: 50.705 ng
RT: 13.322 min Scan# 1742
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:154 Resp: 394683

Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.5	59.5
76	13.4	0.0	33.5





#47
2-Chloronaphthalene
Concen: 46.284 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

Tgt Ion:162 Resp: 26275

Ion	Ratio	Lower	Upper
162	100		
127	45.1	35.0	52.4
164	32.7	25.0	37.6

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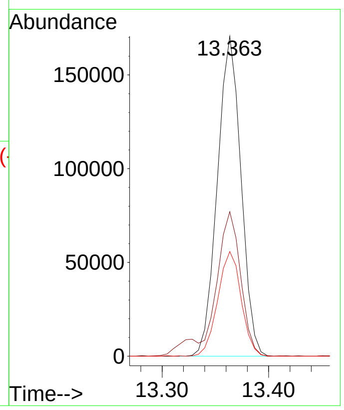
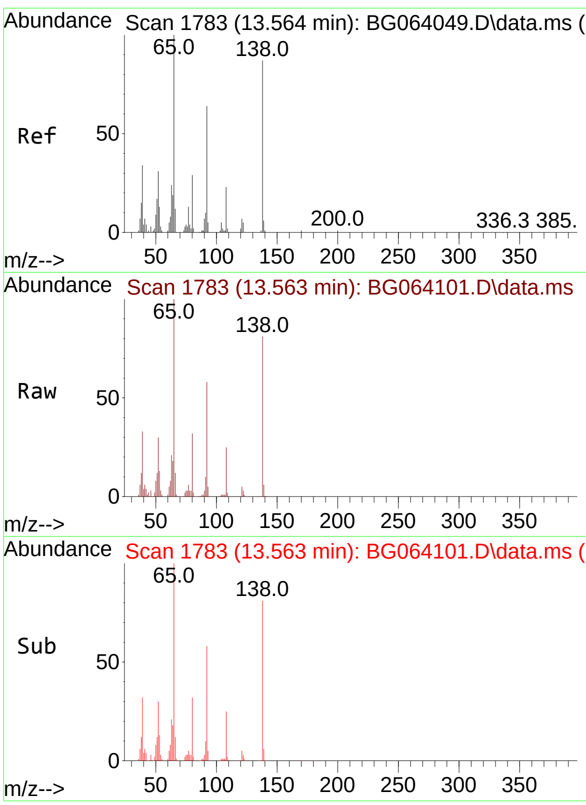
Supervised By :Jagrut Upadhyay 03/12/2025

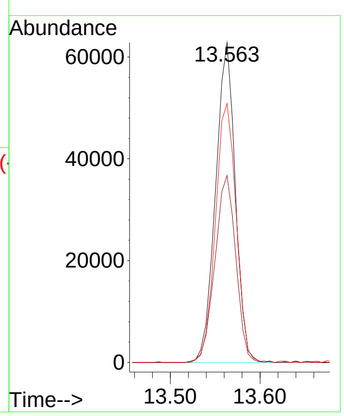




#48
2-Nitroaniline
Concen: 50.359 ng
RT: 13.563 min Scan# 1783
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 65 Resp: 95891

Ion	Ratio	Lower	Upper
65	100		
92	58.4	51.2	76.8
138	81.0	69.4	104.2



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

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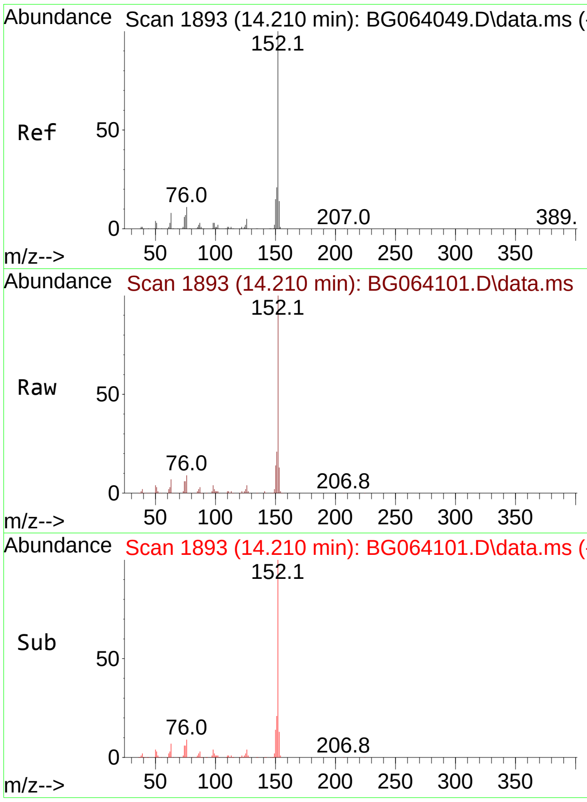
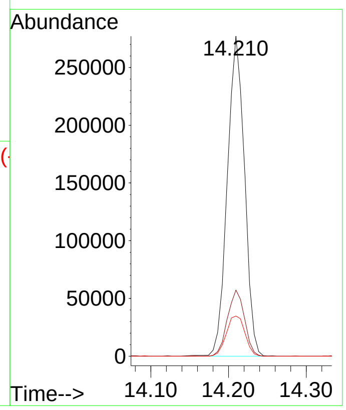
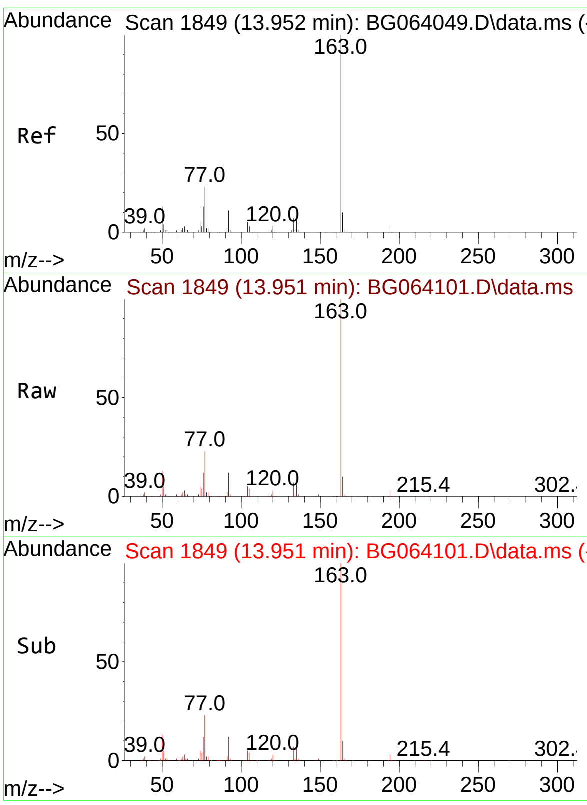
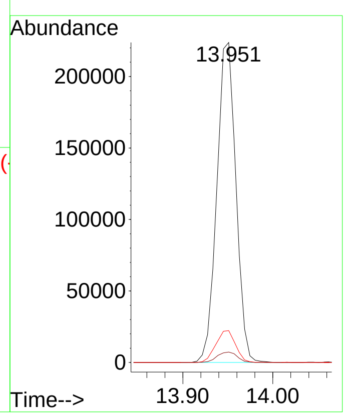



```
#49
Acenaphthylene
Concen:   47.741 ng
RT:  14.210 min  Scan# 1
Delta R.T.   -0.001 min
Lab File:    BG064101.D
Acq: 11 Mar 2025   18:39

Tgt Ion:152 Resp:  42869
Ion  Ratio  Lower  Upper
152  100
151   20.6   16.4   24.6
153   12.6   10.9   16.3
```






```
#50
Dimethylphthalate
Concen:   43.476 ng
RT:  13.951 min  Scan# 1849
Delta R.T.   -0.001 min
Lab File:    BG064101.D
Acq: 11 Mar 2025   18:39

Tgt Ion:163 Resp:  330647
Ion  Ratio  Lower  Upper
163  100
194    3.2    2.8    4.2
164    9.9    8.2   12.2
```



Instrument : BNA_G
ClientSampleId : WC-A2-02-CMS

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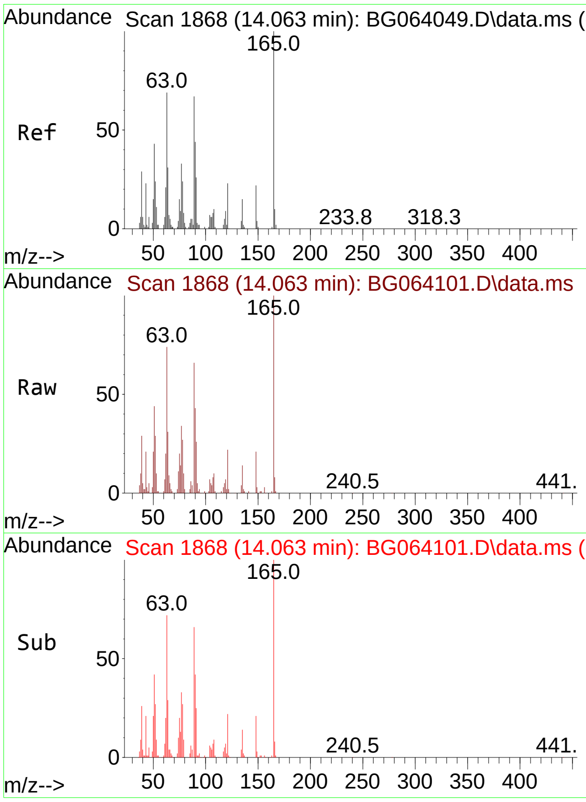
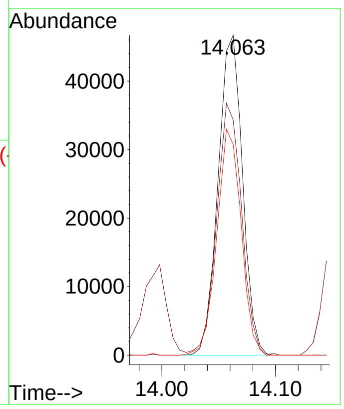
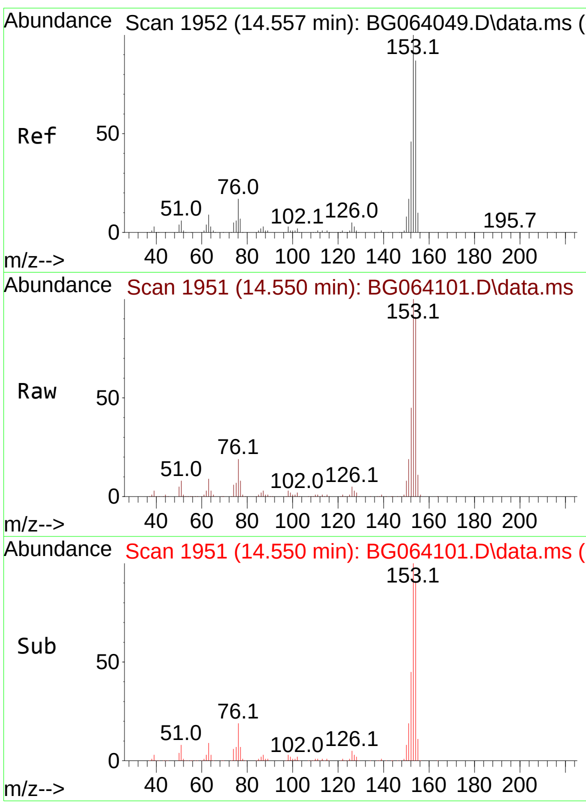
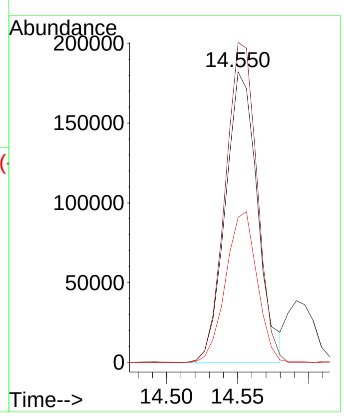


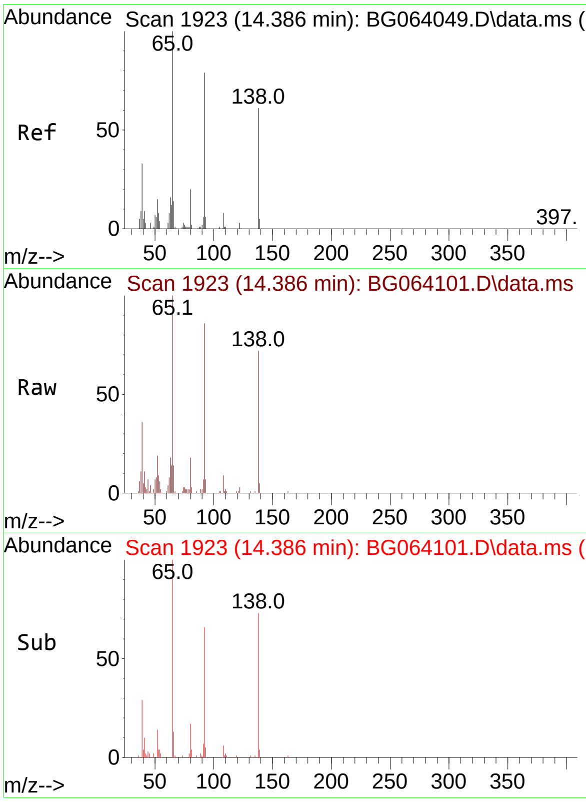

```
#51
2,6-Dinitrotoluene
Concen:   45.393 ng
RT:  14.063 min  Scan# 1
Delta R.T.   -0.000 min
Lab File:   BG064101.D
Acq: 11 Mar 2025  18:39

Tgt Ion:165 Resp:  6973
Ion  Ratio  Lower  Upper
165  100
 63   73.5   56.7   85.1
 89   65.9   53.7   80.5
```






```
#52
Acenaphthene
Concen:   47.623 ng
RT:  14.550 min  Scan# 1951
Delta R.T.   -0.007 min
Lab File:   BG064101.D
Acq: 11 Mar 2025  18:39

Tgt Ion:154 Resp:  286985
Ion  Ratio  Lower  Upper
154  100
153  110.1   91.6  137.4
152   49.9   42.5   63.7
```





#53
3-Nitroaniline
Concen: 16.974 ng
RT: 14.386 min Scan# 19
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

Tgt Ion:138 Resp: 2494

Ion	Ratio	Lower	Upper
138	100		
108	12.0	10.1	15.1
92	119.3	104.1	156.1

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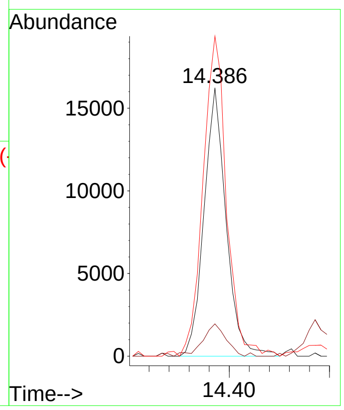
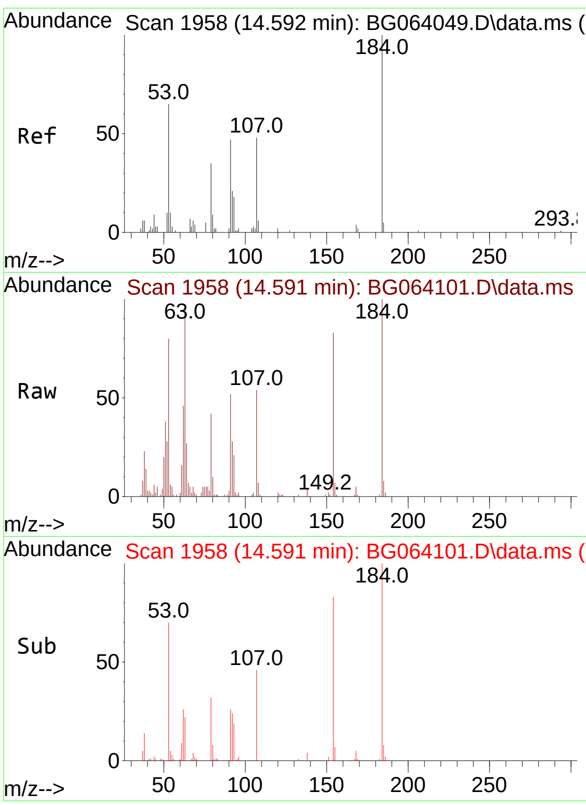
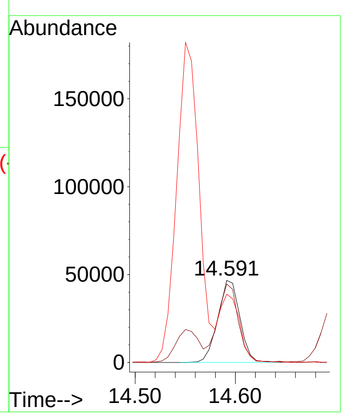


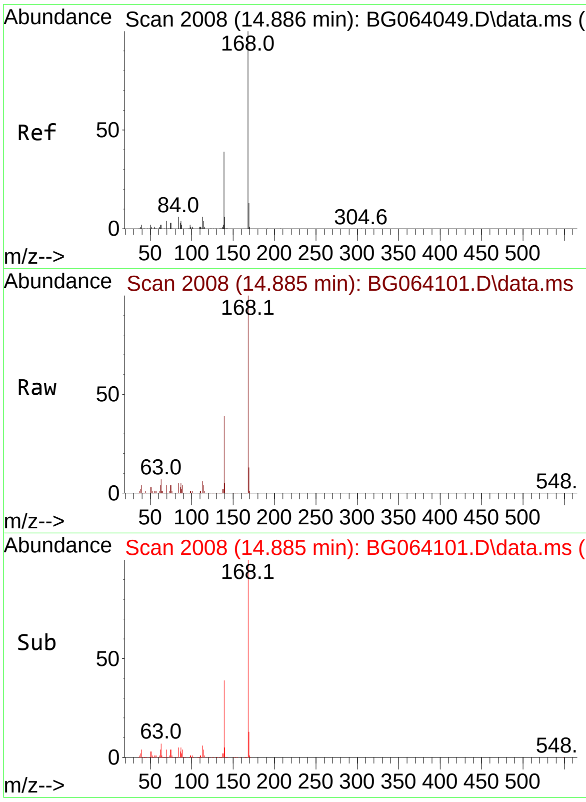


#54
2,4-Dinitrophenol
Concen: 107.665 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:184 Resp: 71205

Ion	Ratio	Lower	Upper
184	100		
63	95.7	57.5	86.3#
154	83.0	52.3	78.5#

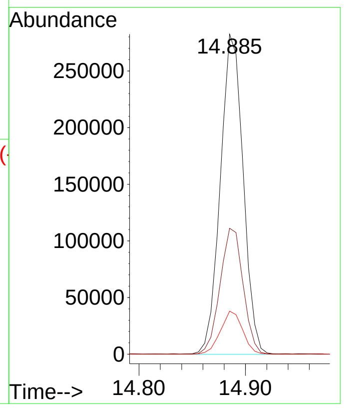




#55
Dibenzofuran
Concen: 42.995 ng
RT: 14.885 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:168 Resp: 41973

Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.1	46.7
169	13.4	10.5	15.7



Instrument :
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ClientSampleId :
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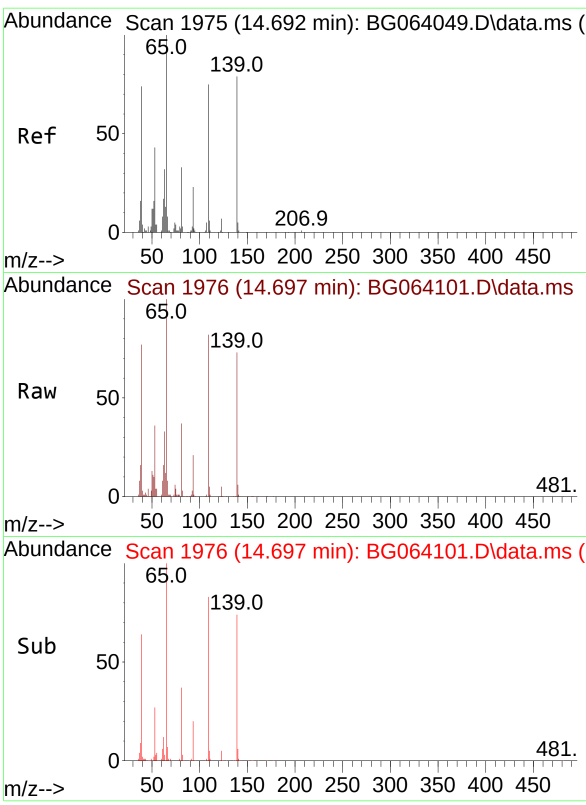
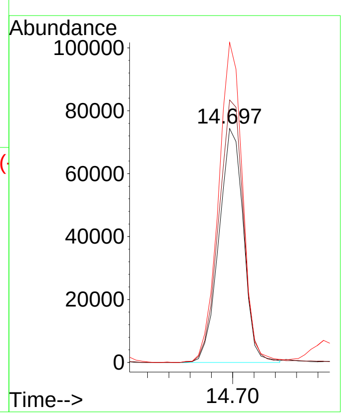


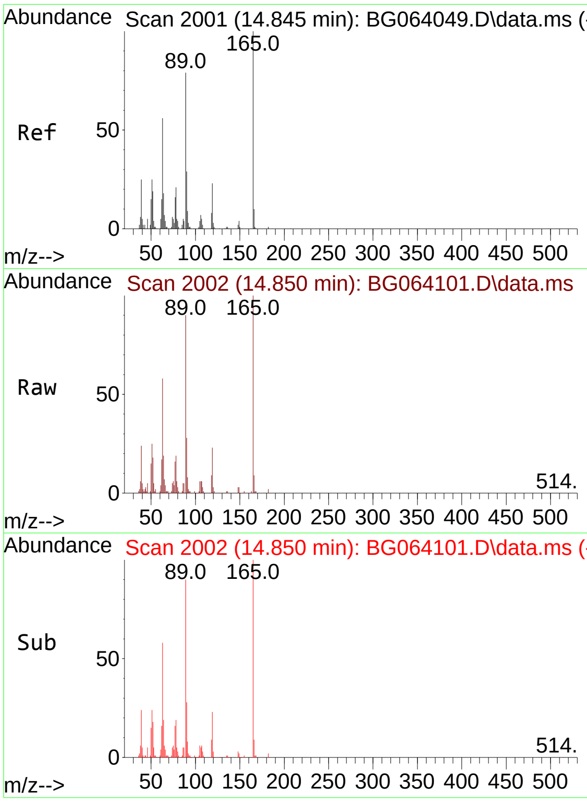
#56
4-Nitrophenol
Concen: 96.184 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.005 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:139 Resp: 118571

Ion	Ratio	Lower	Upper
139	100		
109	112.3	74.9	114.9
65	136.8	106.8	146.8



Sample Results: **BG064101.D**



#57
2,4-Dinitrotoluene
Concen: 48.112 ng
RT: 14.850 min Scan# 2(
Delta R.T. 0.005 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

Tgt Ion:165 Resp: 10244(

Ion	Ratio	Lower	Upper
165	100		
63	58.2	45.0	67.6
89	90.1	63.1	94.7
182	1.9	1.0	1.4#

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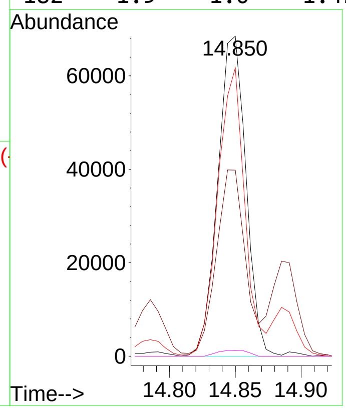
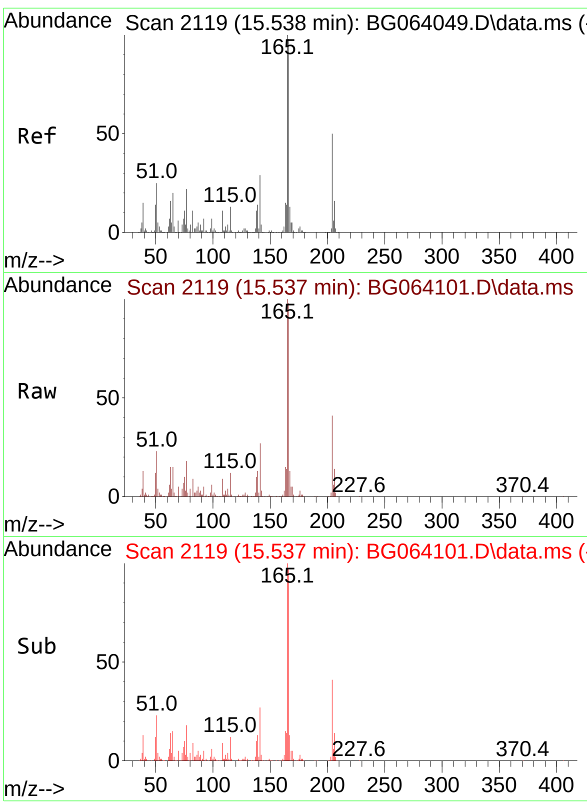
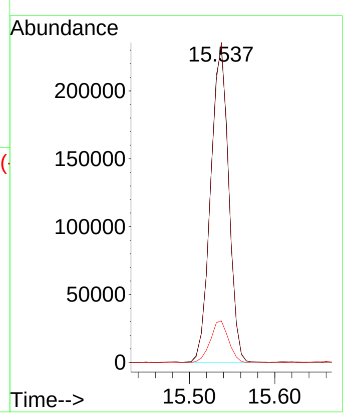


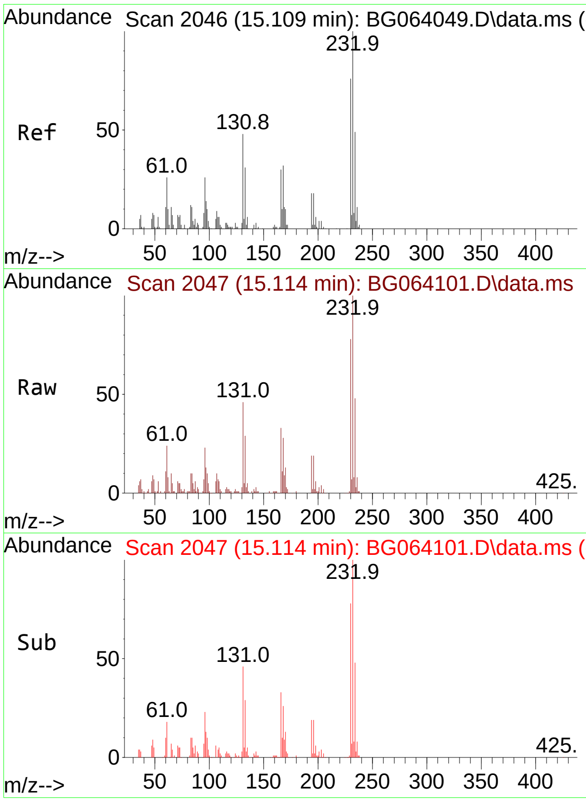


#58
Fluorene
Concen: 45.236 ng
RT: 15.537 min Scan# 2119
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:166 Resp: 343951

Ion	Ratio	Lower	Upper
166	100		
165	102.0	81.8	122.8
167	13.3	10.8	16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.380 ng
RT: 15.114 min Scan# 2(
Delta R.T. 0.005 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

Tgt Ion:232 Resp: 9272

Ion	Ratio	Lower	Upper
232	100		
131	48.4	36.3	54.5
130	3.6	1.9	2.9#
166	32.3	22.8	34.2

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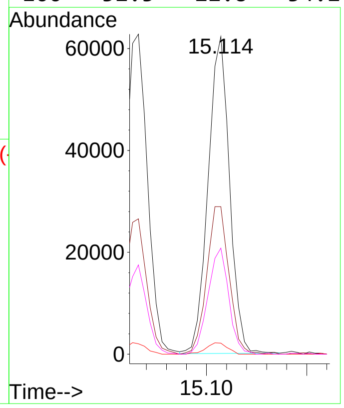
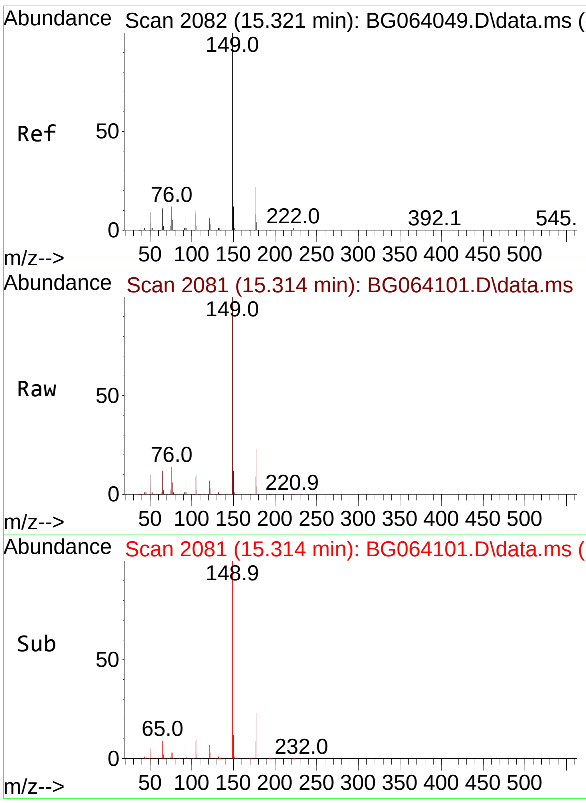
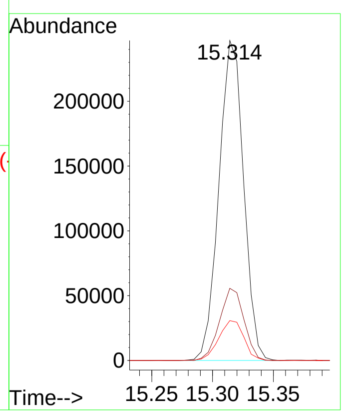




#60
Diethylphthalate
Concen: 42.245 ng
RT: 15.314 min Scan# 2081
Delta R.T. -0.007 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:149 Resp: 348784

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.4	26.2
150	12.5	9.4	14.2



Instrument : BNA_G
ClientSampleId : WC-A2-02-CMS

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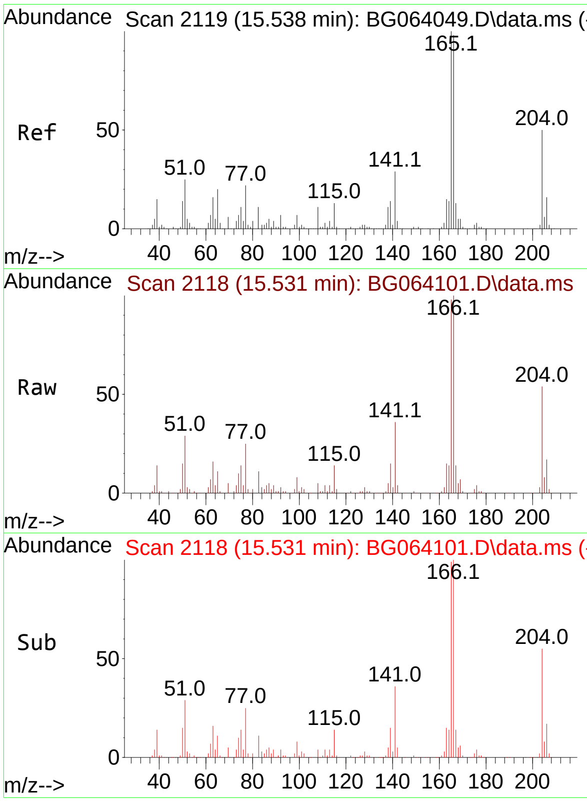
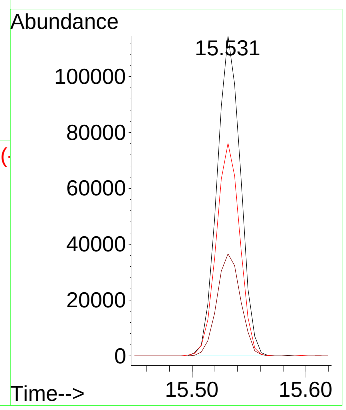
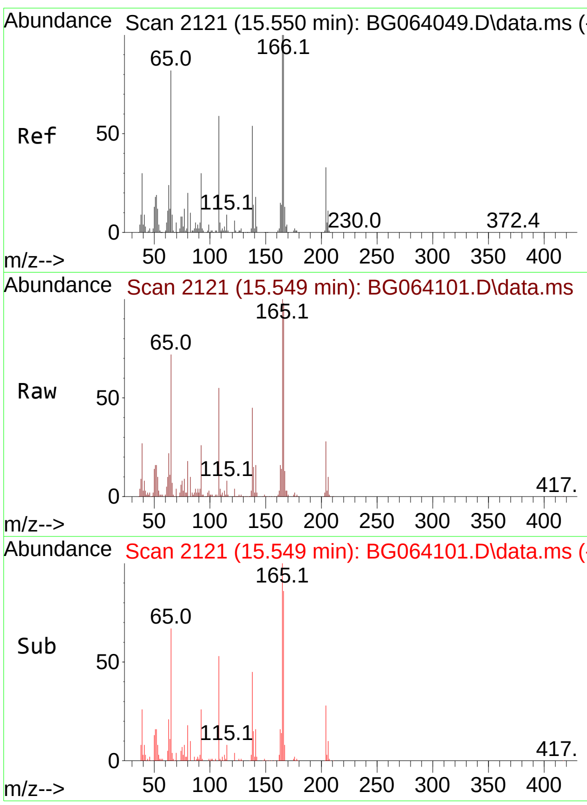


#61
4-Chlorophenyl-phenylether
Concen: 43.688 ng
RT: 15.531 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:204 Resp: 16507

Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.5	38.3
141	66.5	45.4	68.0

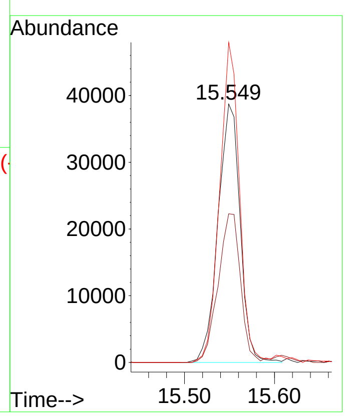


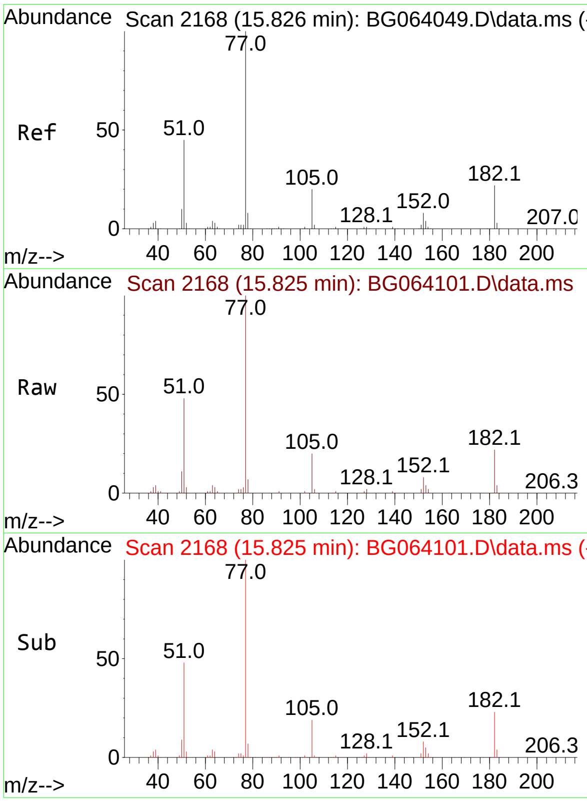


#62
4-Nitroaniline
Concen: 41.516 ng
RT: 15.549 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:138 Resp: 65883

Ion	Ratio	Lower	Upper
138	100		
92	57.5	36.1	76.1
108	123.9	87.9	127.9

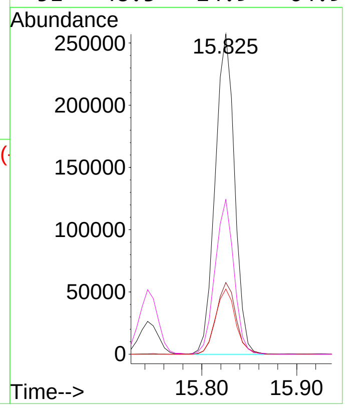




#63
Azobenzene
Concen: 41.582 ng
RT: 15.825 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 77 Resp: 36634

Ion	Ratio	Lower	Upper
77	100		
182	22.4	2.4	42.4
105	20.3	0.0	40.0
51	48.3	24.9	64.9



Instrument :
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ClientSampleId :
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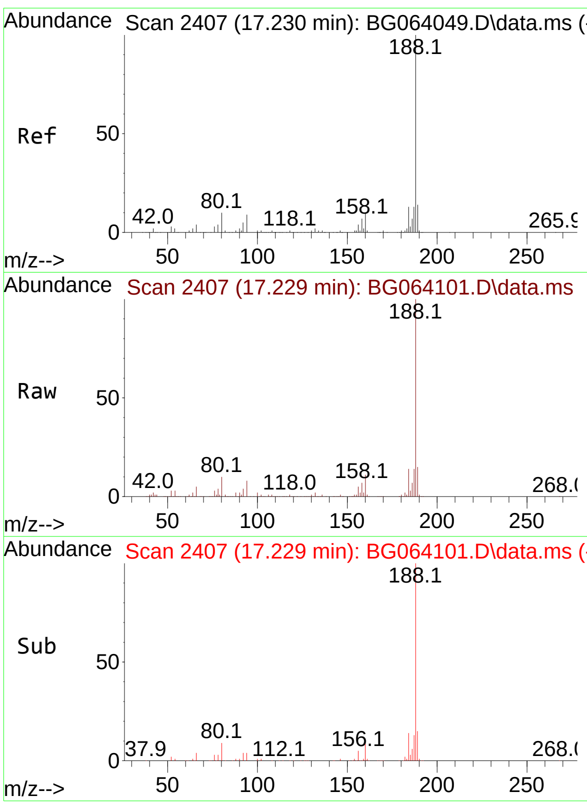
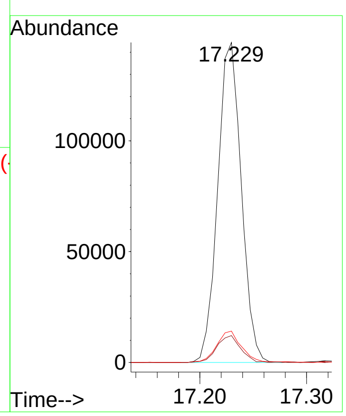
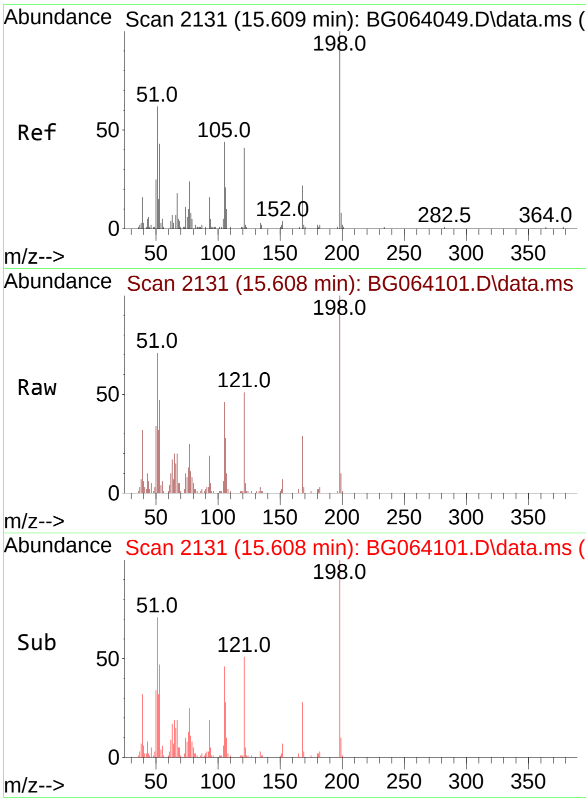


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.229 min Scan# 2407
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:188 Resp: 221547

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.8	8.1	12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 53.364 ng
RT: 15.608 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:198 Resp: 5212

Ion	Ratio	Lower	Upper
198	100		
51	70.6	45.6	85.6
105	45.7	25.3	65.3

Instrument :
BNA_G
ClientSampleId :
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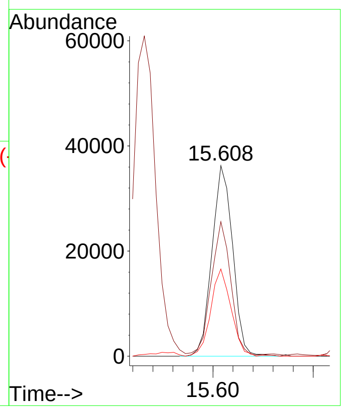
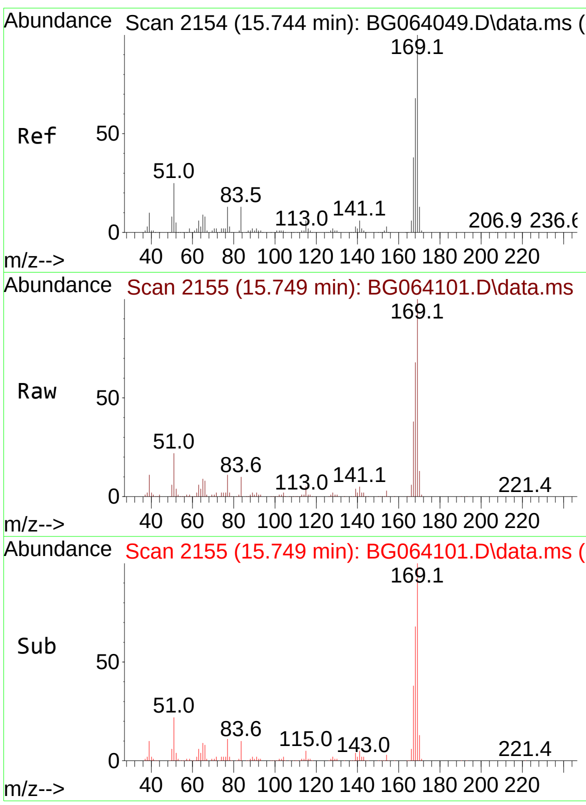
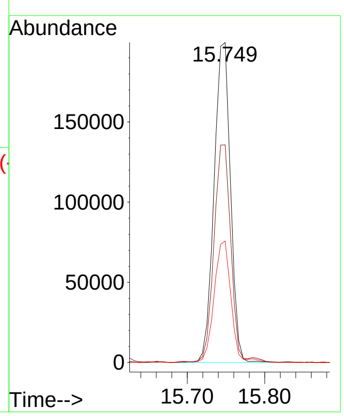




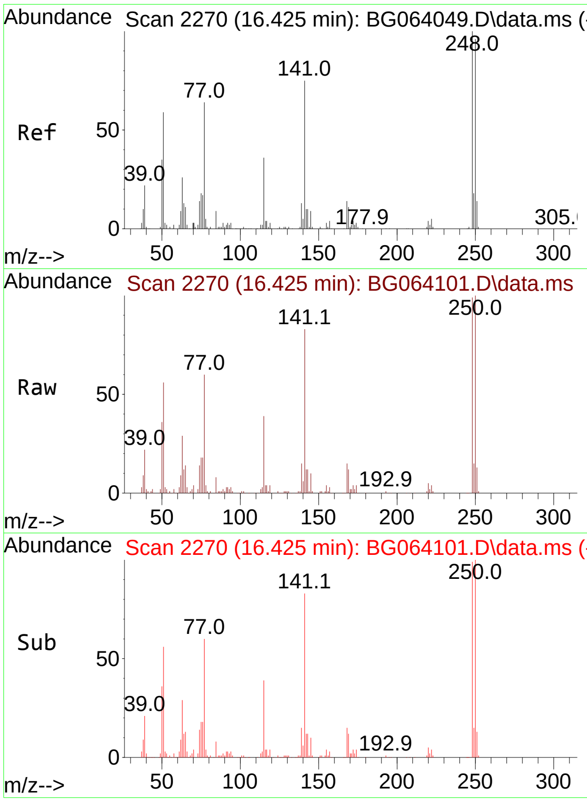
#66
n-Nitrosodiphenylamine
Concen: 47.050 ng
RT: 15.749 min Scan# 2155
Delta R.T. 0.005 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:169 Resp: 295060

Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.1	81.1
167	38.0	30.3	45.5



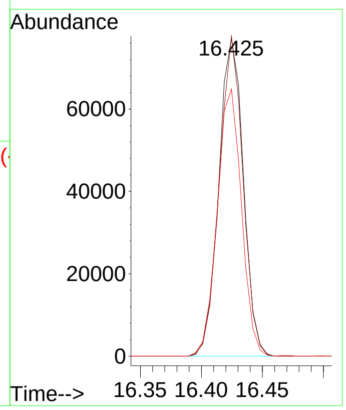
Sample Results: **BG064101.D**



#67
4-Bromophenyl-phenylether
Concen: 47.578 ng
RT: 16.425 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:248 Resp: 10795

Ion	Ratio	Lower	Upper
248	100		
250	100.8	77.1	115.7
141	84.1	59.8	89.8



Instrument :
BNA_G
ClientSampleId :
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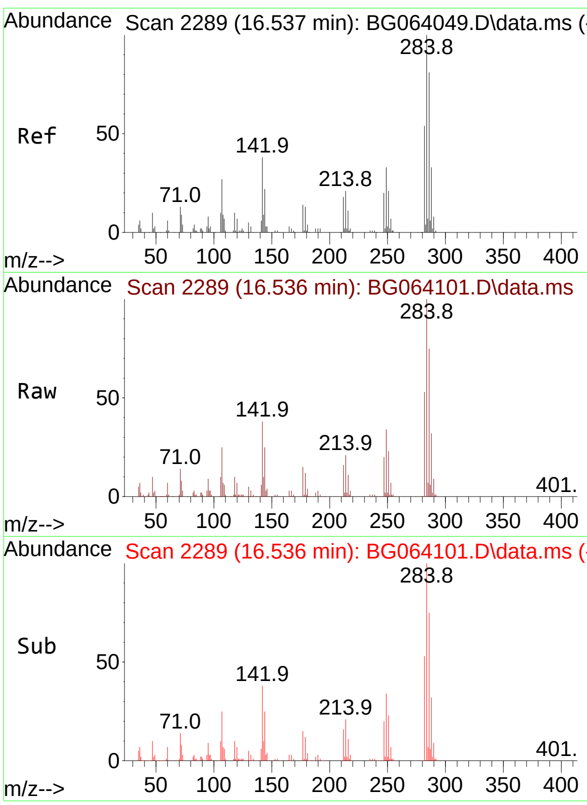
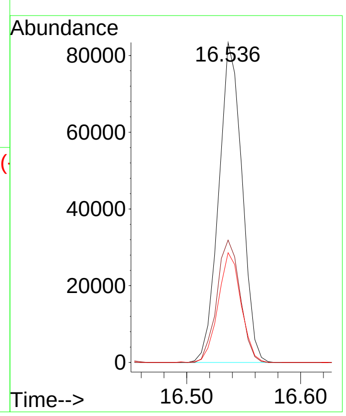


#68
Hexachlorobenzene
Concen: 46.733 ng
RT: 16.536 min Scan# 2289
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:284 Resp: 118715

Ion	Ratio	Lower	Upper
284	100		
142	38.2	30.6	45.8
249	34.3	26.6	39.8



Instrument :
BNA_G
ClientSampleId :
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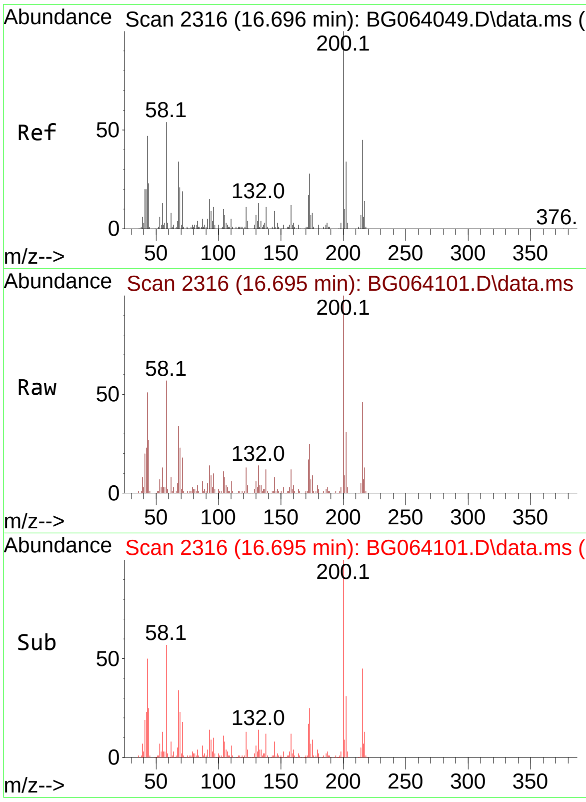
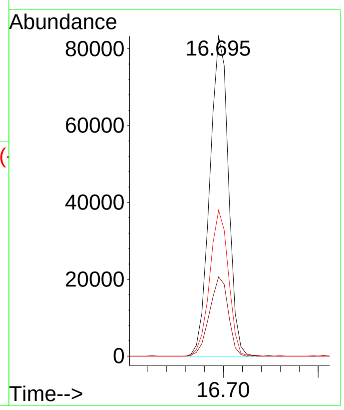
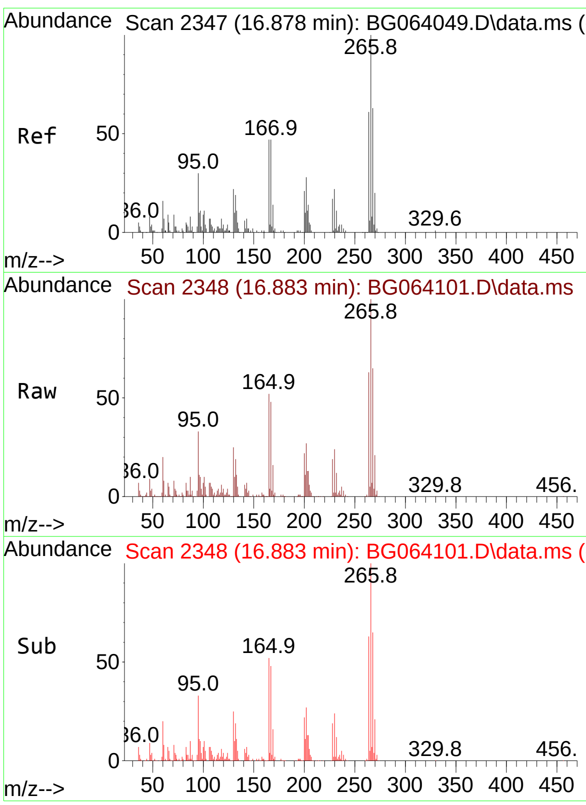


#69
Atrazine
Concen: 61.605 ng
RT: 16.695 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:200 Resp: 11367

Ion	Ratio	Lower	Upper
200	100		
173	24.8	8.2	48.2
215	45.6	25.5	65.5

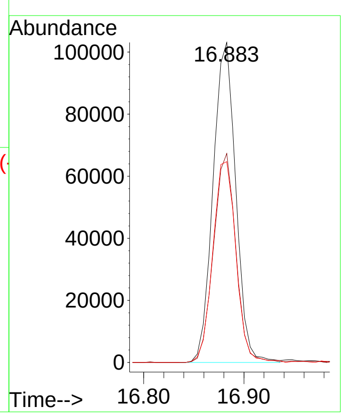




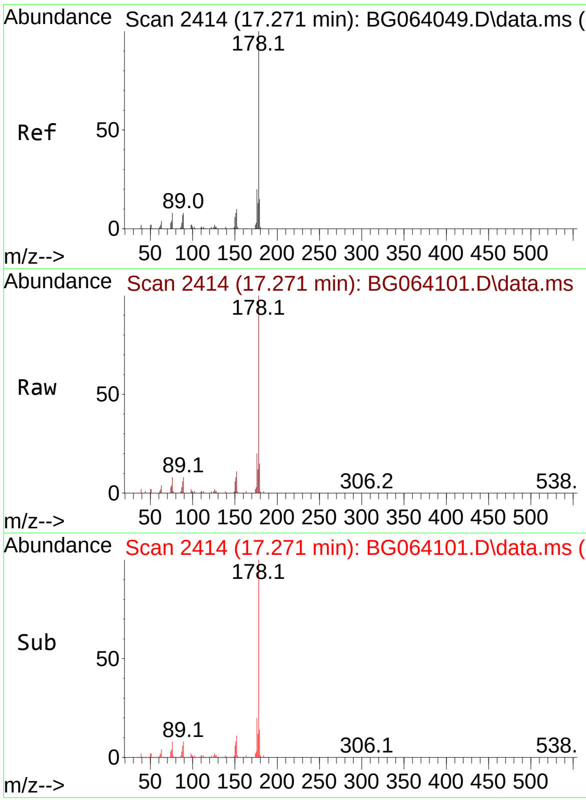
#70
Pentachlorophenol
Concen: 102.963 ng
RT: 16.883 min Scan# 2348
Delta R.T. 0.005 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:266 Resp: 162398

Ion	Ratio	Lower	Upper
266	100		
268	65.3	50.2	75.4
264	62.8	48.9	73.3



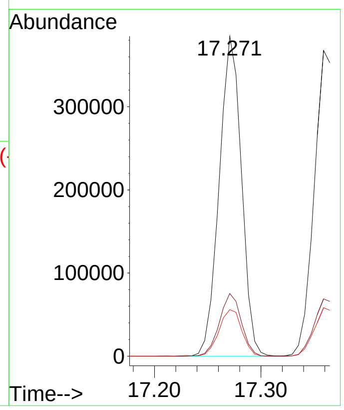
Sample Results: **BG064101.D**



#71
Phenanthrene
Concen: 47.232 ng
RT: 17.271 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:178 Resp: 55813

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	14.6	12.2	18.2



Instrument :
BNA_G
ClientSampleId :
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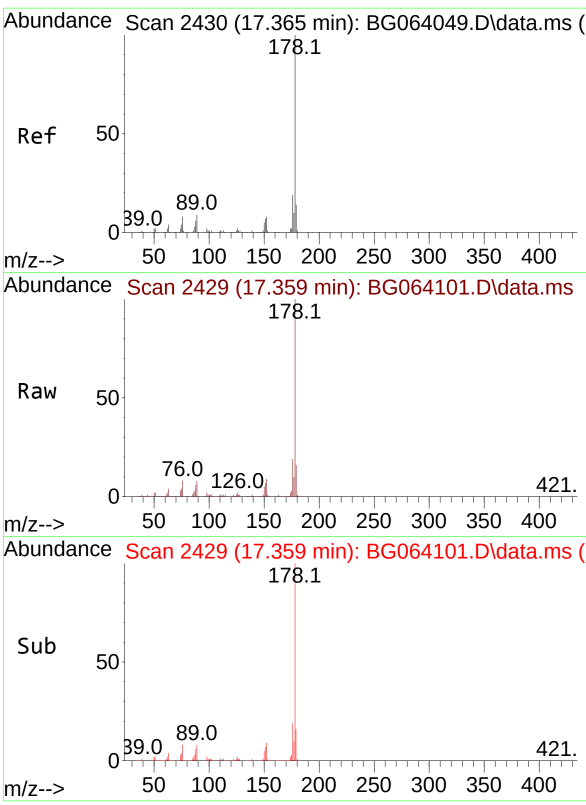
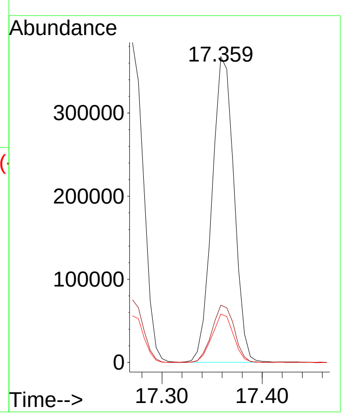


#72
Anthracene
Concen: 47.773 ng
RT: 17.359 min Scan# 2429
Delta R.T. -0.007 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:178 Resp: 561343

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.9	11.5	17.3



Instrument :
BNA_G
ClientSampleId :
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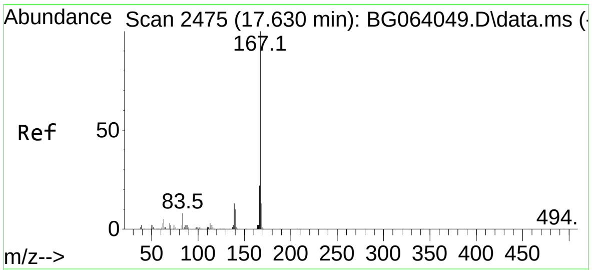
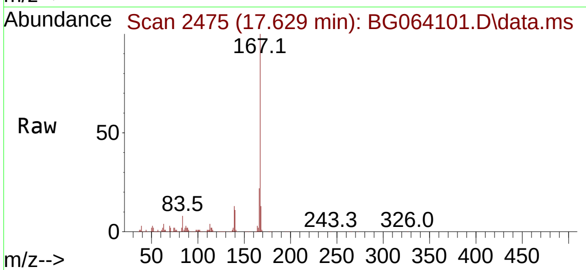
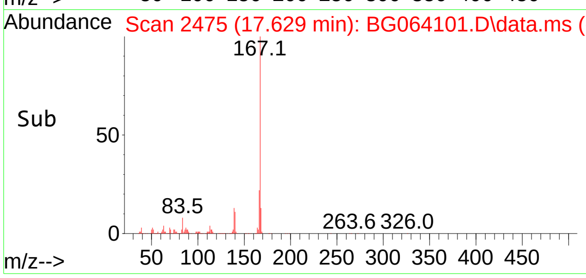


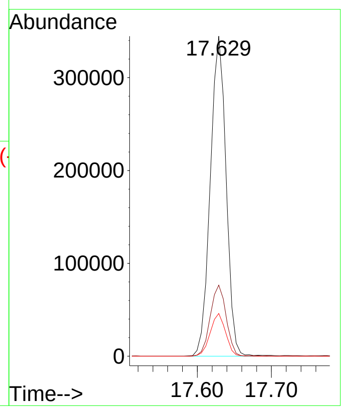


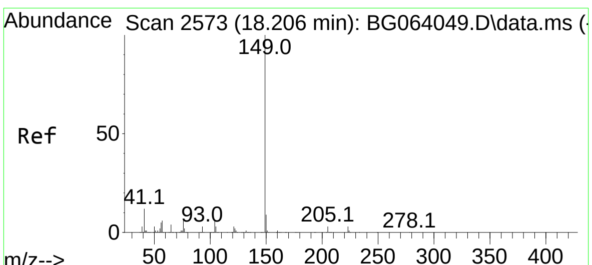


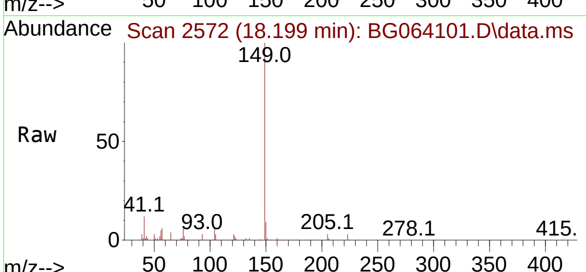
#73
Carbazole
Concen: 46.636 ng
RT: 17.629 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

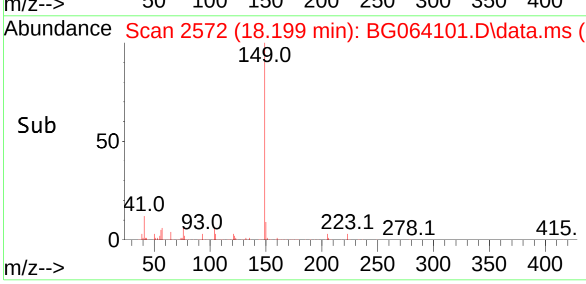
Tgt Ion:167 Resp: 51162

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	13.4	10.6	15.8





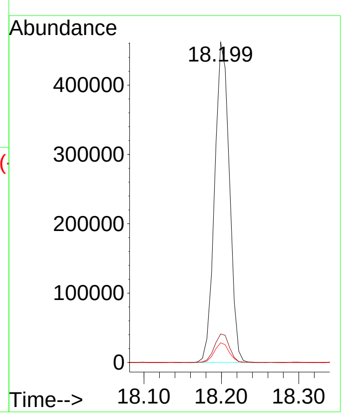


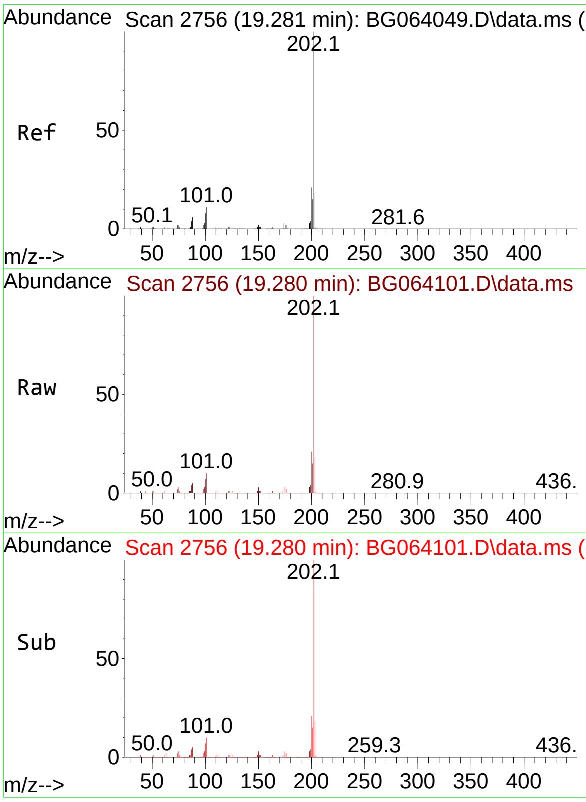


#74
Di-n-butylphthalate
Concen: 47.527 ng
RT: 18.199 min Scan# 2572
Delta R.T. -0.007 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:149 Resp: 613742

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	6.2	5.0	7.6





#75
Fluoranthene
Concen: 43.774 ng
RT: 19.280 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:202 Resp: 62361

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.5
203	18.1	0.0	38.3

Instrument :
BNA_G
ClientSampleId :
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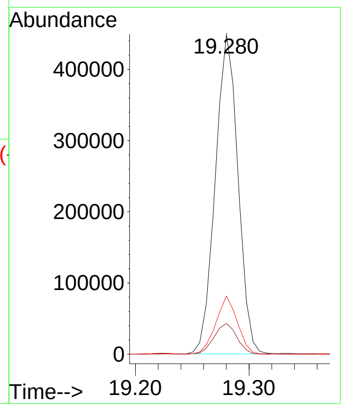
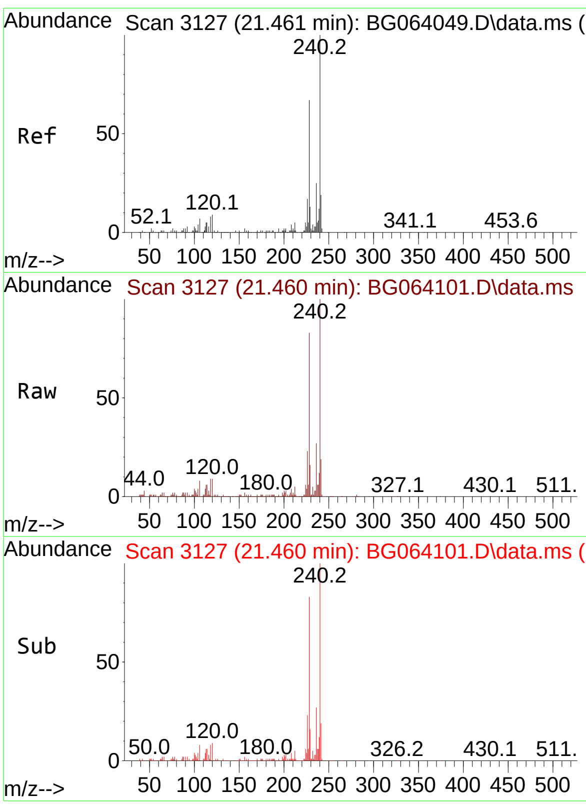
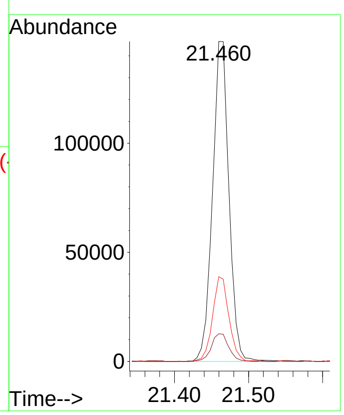




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.460 min Scan# 3127
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:240 Resp: 226093

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.2	10.8
236	26.5	20.2	30.2



Instrument :
BNA_G
ClientSampleId :
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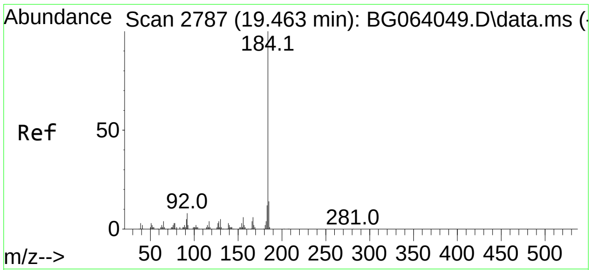
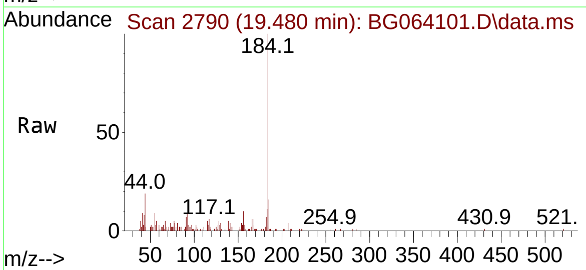
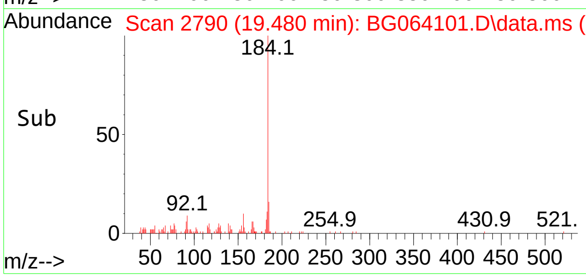


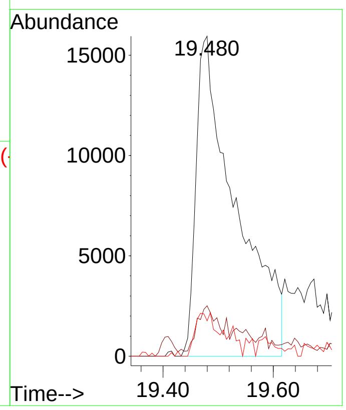


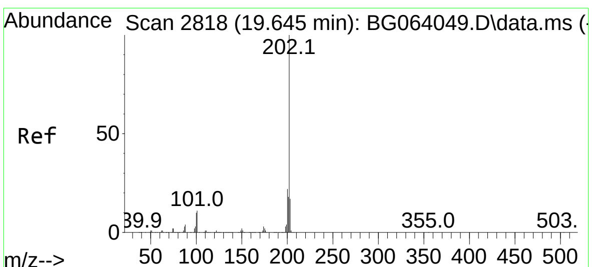


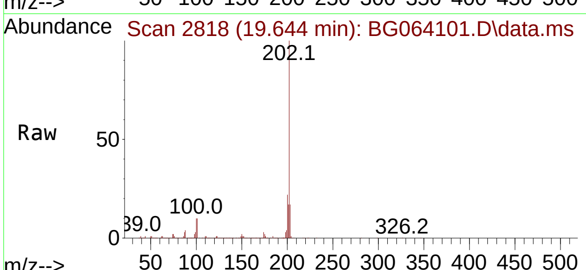
#77
Benzidine
Concen: 25.402 ng
RT: 19.480 min Scan# 2
Delta R.T. 0.017 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

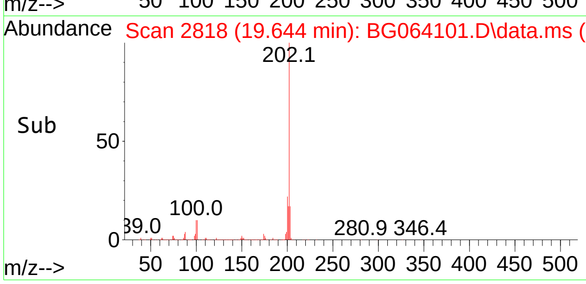
Tgt Ion:184 Resp: 7952

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.3	16.9
183	11.0	9.5	14.3





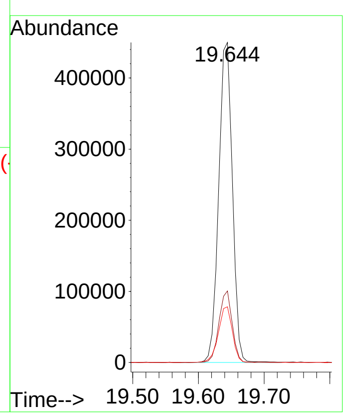


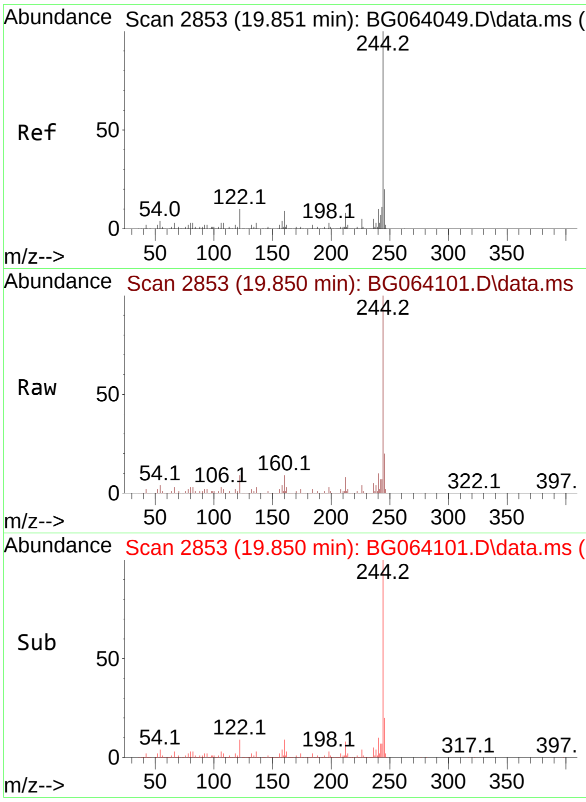


#78
Pyrene
Concen: 44.492 ng
RT: 19.644 min Scan# 2818
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:202 Resp: 648450

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.3	25.9
203	17.4	13.6	20.4





#79
Terphenyl-d14
Concen: 99.465 ng
RT: 19.850 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Instrument :
BNA_G
ClientSampleId :
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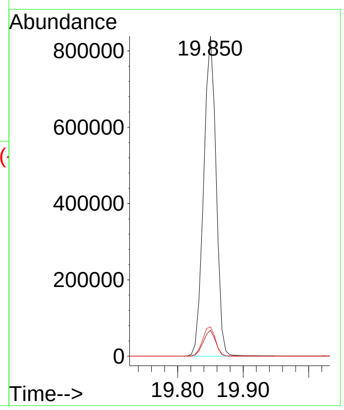
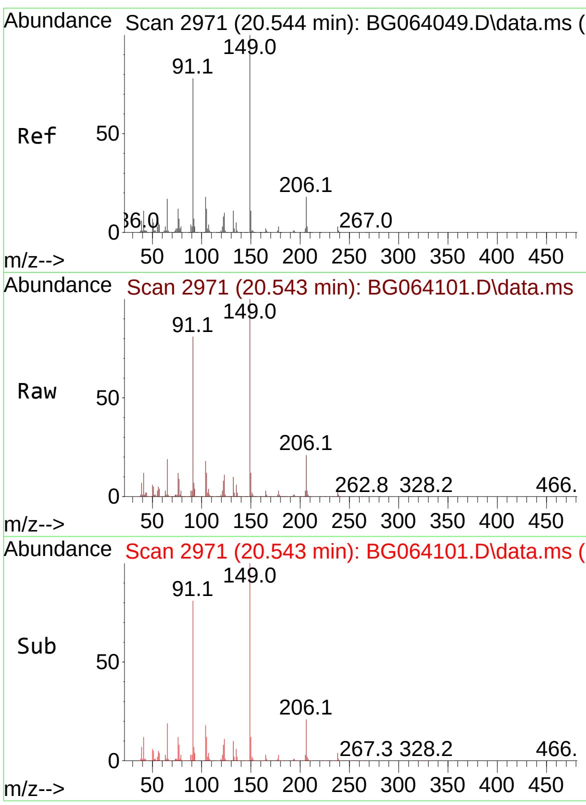
Tgt Ion:244 Resp: 111218

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	9.2	8.0	12.0

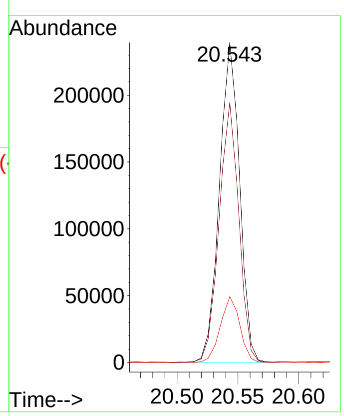




#80
Butylbenzylphthalate
Concen: 50.481 ng
RT: 20.543 min Scan# 2971
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:149 Resp: 277190

Ion	Ratio	Lower	Upper
149	100		
91	81.3	62.0	93.0
206	20.6	14.6	21.8



Instrument :
BNA_G
ClientSampleId :
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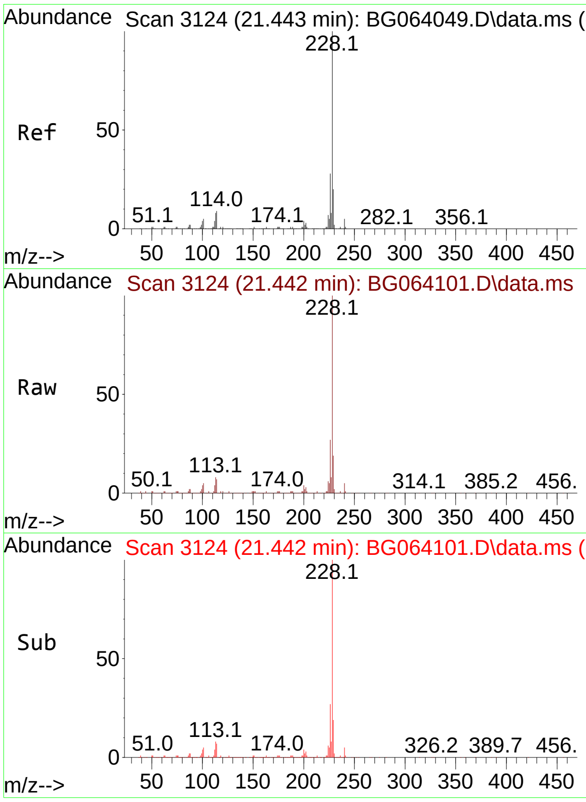
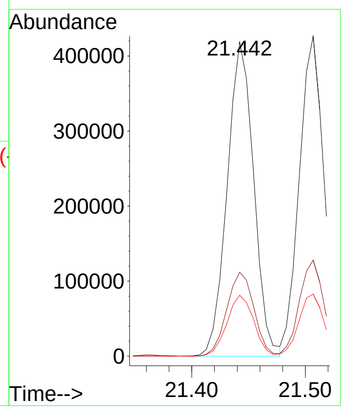
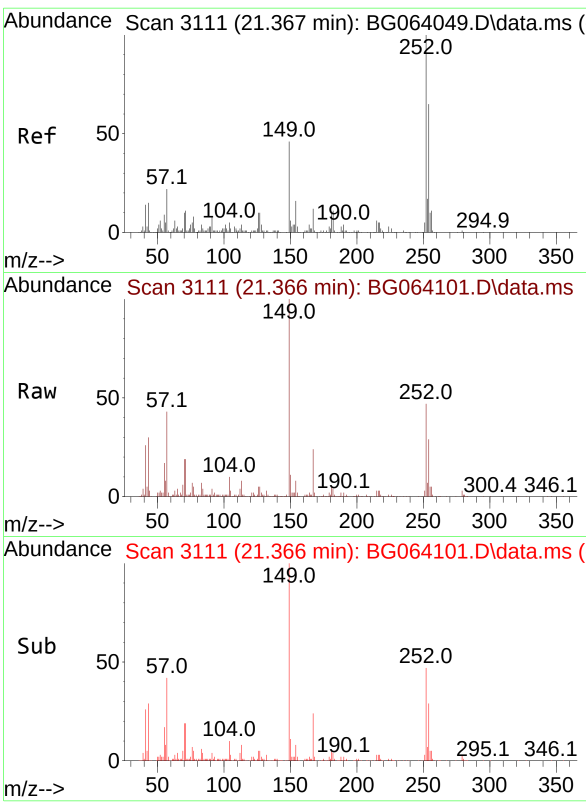


#81
Benzo(a)anthracene
Concen: 47.052 ng
RT: 21.442 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:228 Resp: 68144

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.2	33.2
229	19.4	16.4	24.6

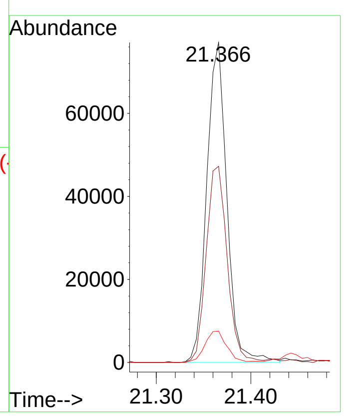




#82
3,3'-Dichlorobenzidine
Concen: 24.232 ng
RT: 21.366 min Scan# 3111
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:252 Resp: 113580

Ion	Ratio	Lower	Upper
252	100		
254	61.3	52.1	78.1
126	9.8	7.8	11.8



Instrument :
BNA_G
ClientSampleId :
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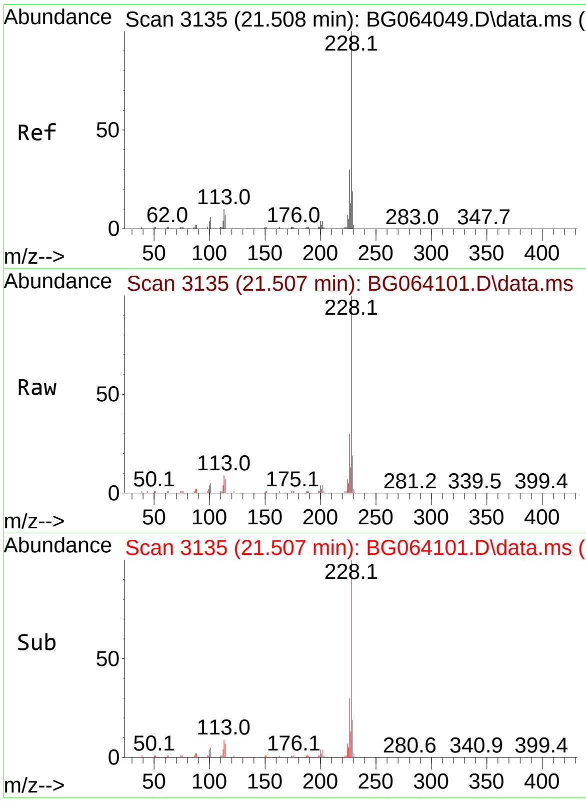
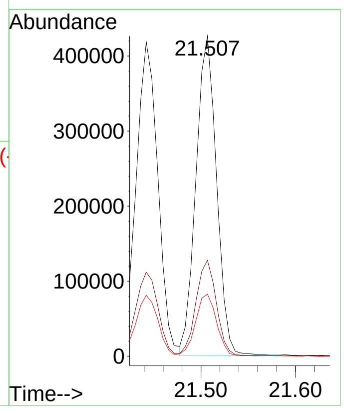
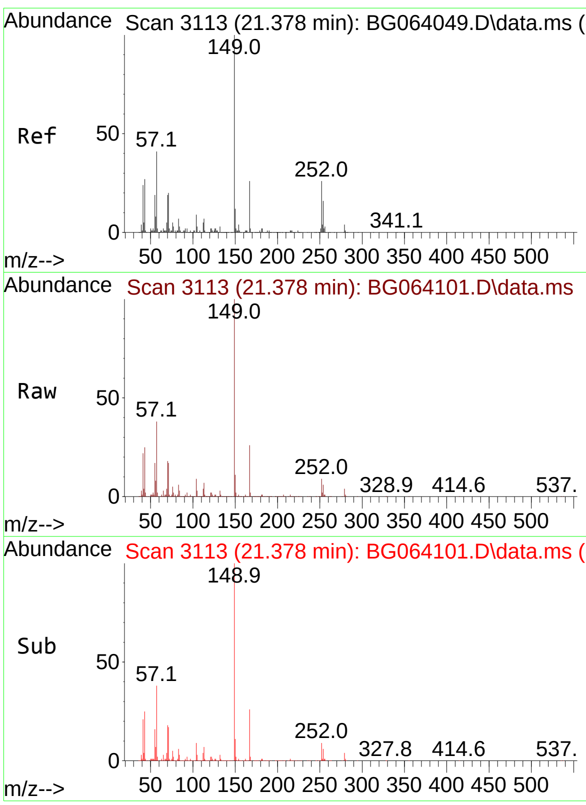


#83
Chrysene
Concen: 44.641 ng
RT: 21.507 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:228 Resp: 64483

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	19.4	15.3	22.9

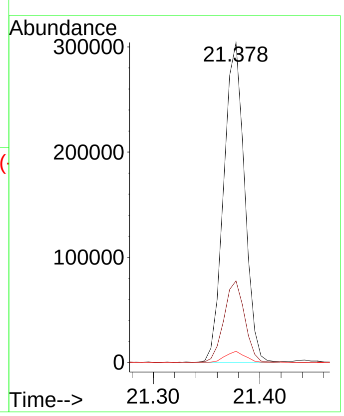


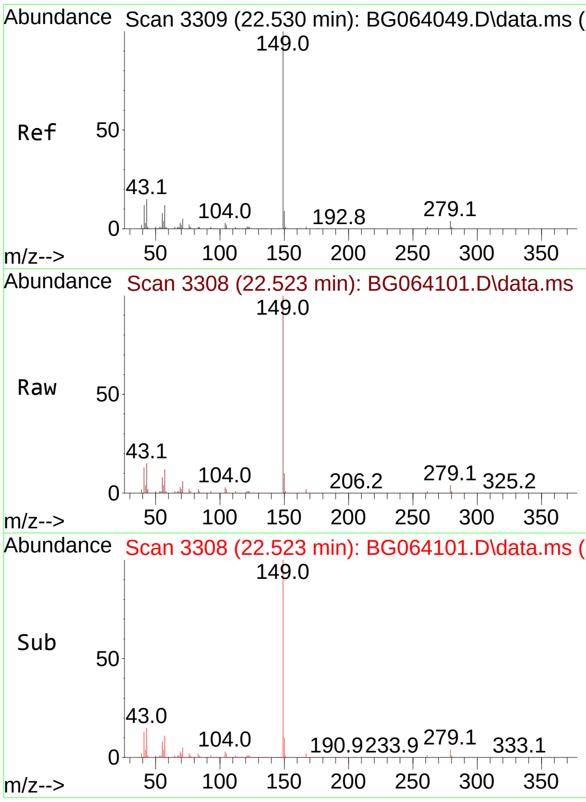


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.691 ng
RT: 21.378 min Scan# 3113
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:149 Resp: 412705

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.0	31.6
279	3.5	2.8	4.2






```
#85
Di-n-octyl phthalate
Concen:    53.599 ng
RT:   22.523 min  Scan# 3
Delta R.T.   -0.007 min
Lab File:    BG064101.D
Acq: 11 Mar 2025   18:39

Tgt Ion:149 Resp:   72412
Ion   Ratio   Lower   Upper
149   100
167     1.6     1.2     1.8
 43    15.3    12.6    19.0
```

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

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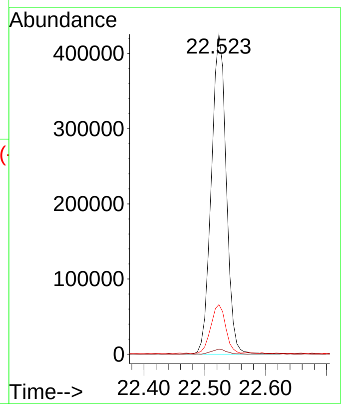
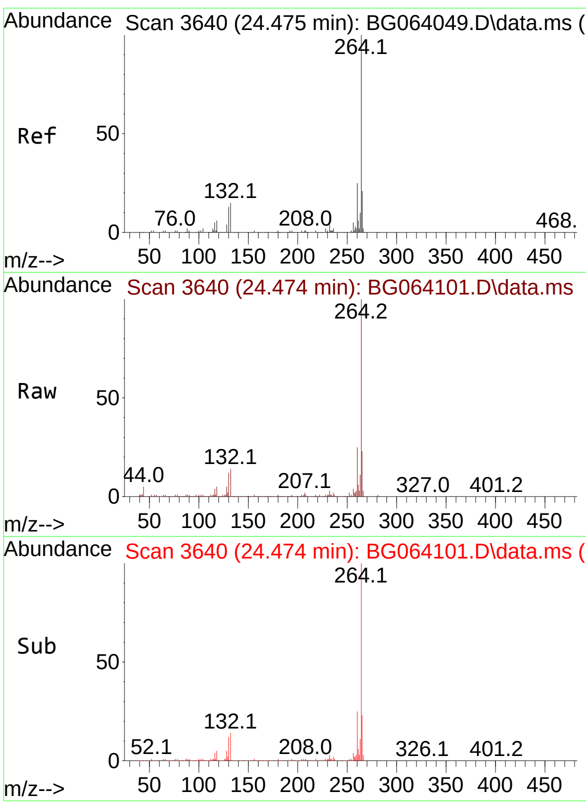
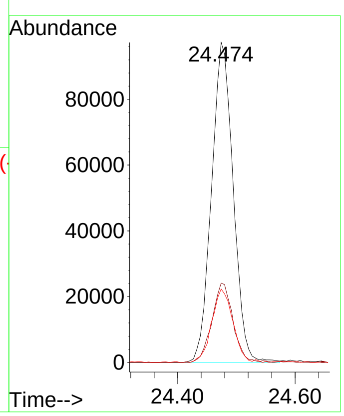
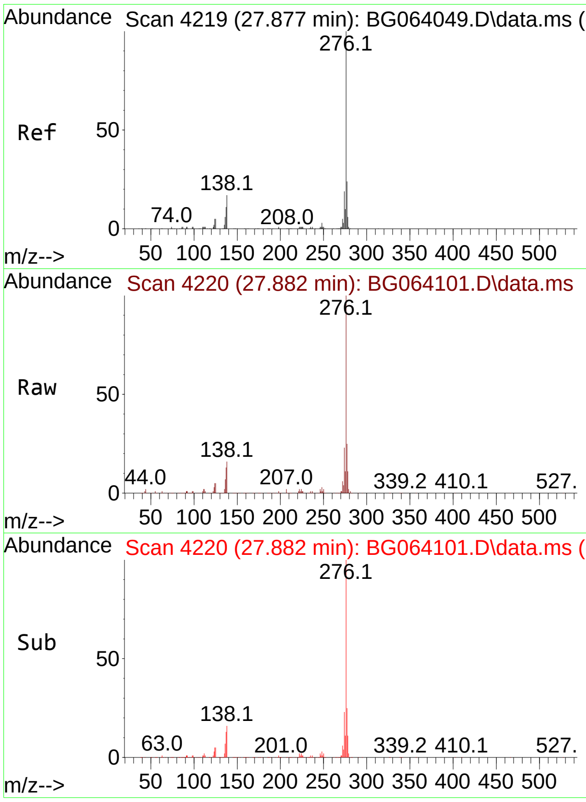





```
#86
Perylene-d12
Concen:    20.000 ng
RT:   24.474 min  Scan# 3640
Delta R.T.   -0.001 min
Lab File:    BG064101.D
Acq: 11 Mar 2025   18:39

Tgt Ion:264 Resp:   249708
Ion   Ratio   Lower   Upper
264   100
260    24.8    19.6    29.4
265    22.9    16.6    25.0
```

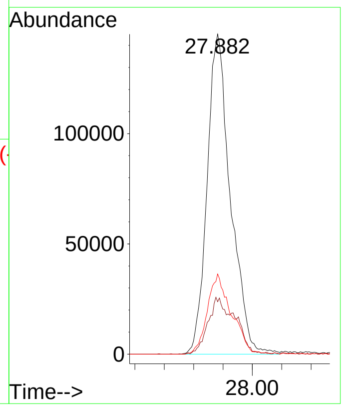




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.135 ng
RT: 27.882 min Scan# 4
Delta R.T. 0.005 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:276 Resp: 80420

Ion	Ratio	Lower	Upper
276	100		
138	14.1	12.1	18.1
277	25.7	20.0	30.0



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

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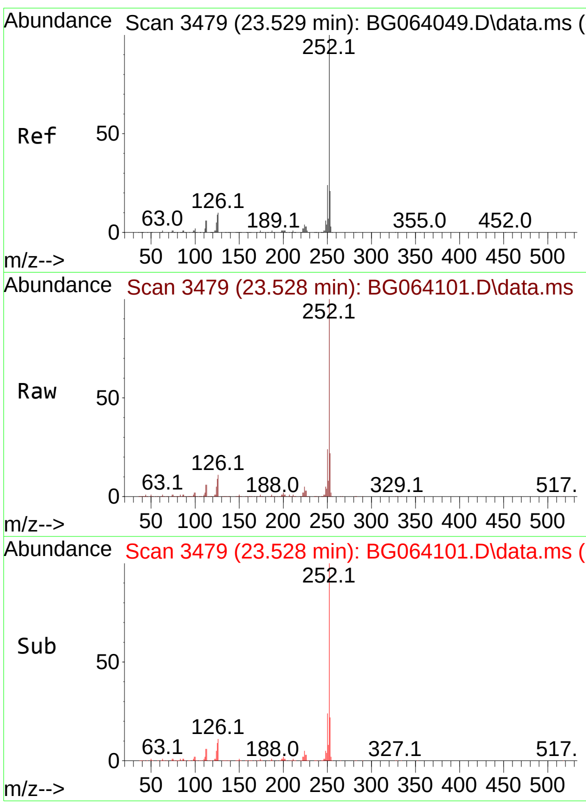
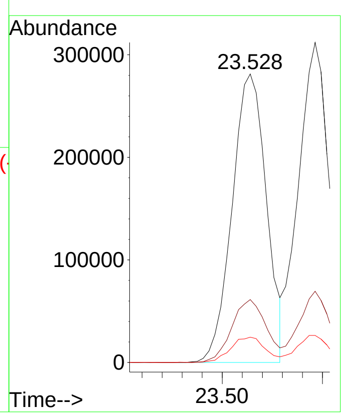
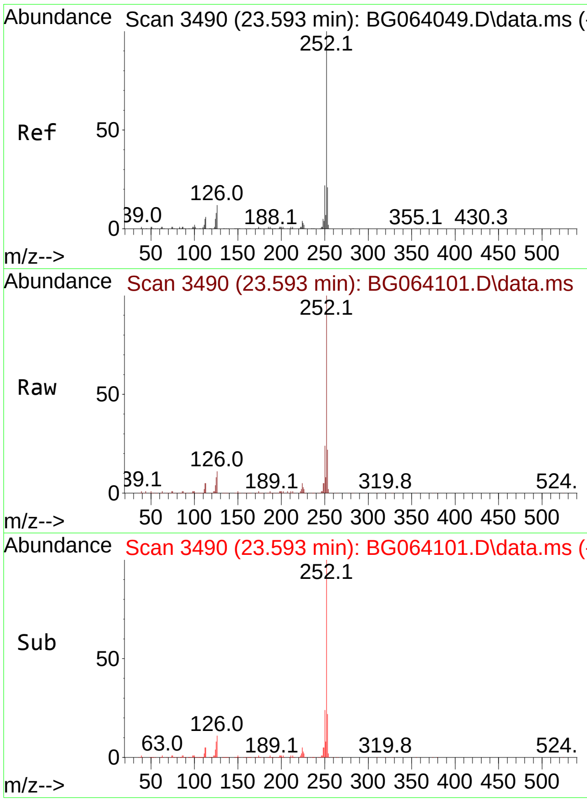


#88
Benzo(b)fluoranthene
Concen: 44.302 ng
RT: 23.528 min Scan# 3479
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:252 Resp: 668767

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	8.8	7.4	11.2

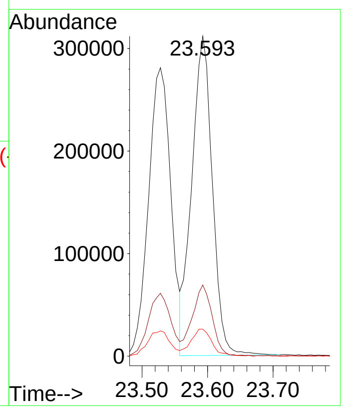




#89
Benzo(k)fluoranthene
Concen: 45.039 ng
RT: 23.593 min Scan# 34
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

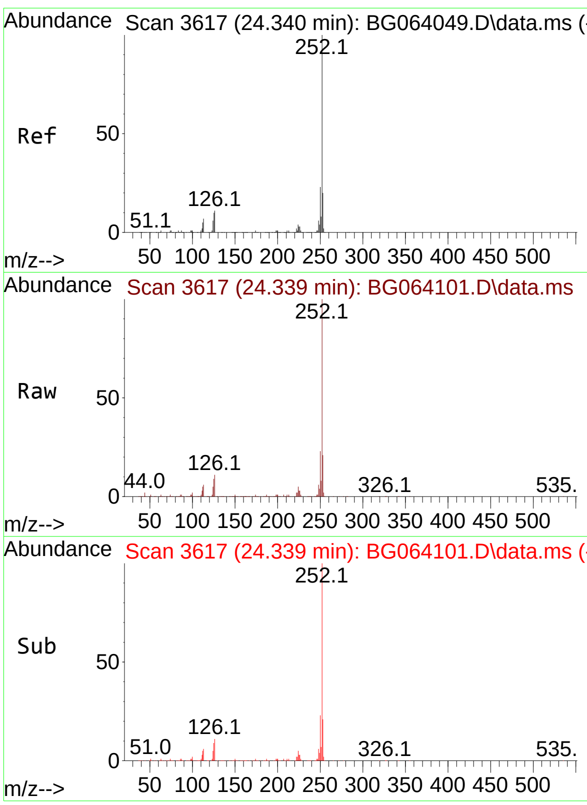
Tgt Ion:252 Resp: 68208

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.8	25.2
125	8.5	6.9	10.3



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

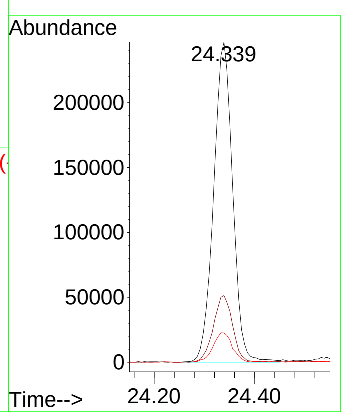
Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#90
Benzo(a)pyrene
Concen: 48.435 ng
RT: 24.339 min Scan# 3617
Delta R.T. -0.001 min
Lab File: BG064101.D
Acq: 11 Mar 2025 18:39

Tgt Ion:252 Resp: 651163

Ion	Ratio	Lower	Upper
252	100		
253	20.9	16.2	24.2
125	9.2	7.8	11.6

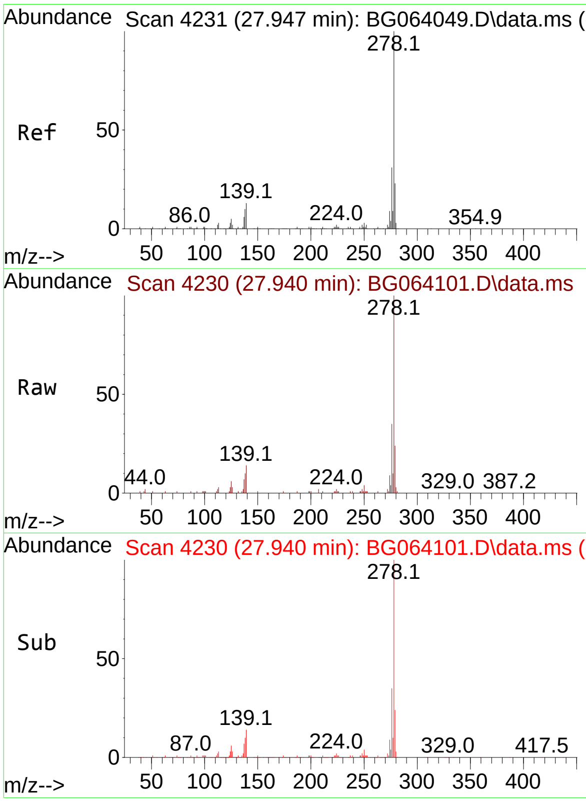


Sample Results: **BG064101.D**

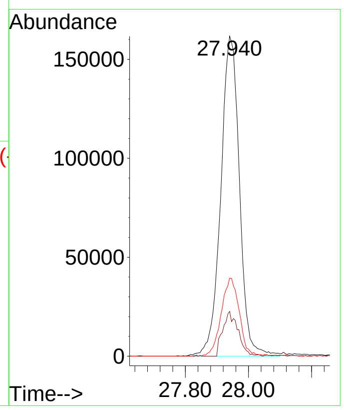
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMS

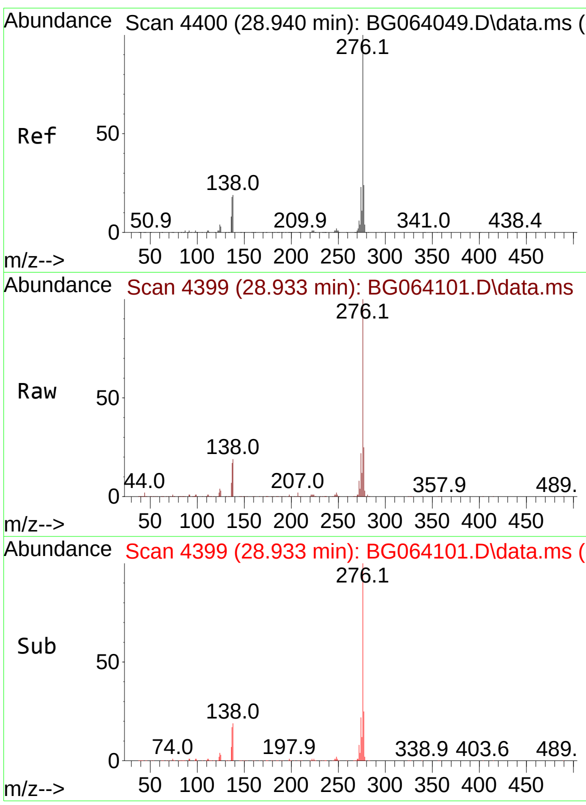
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

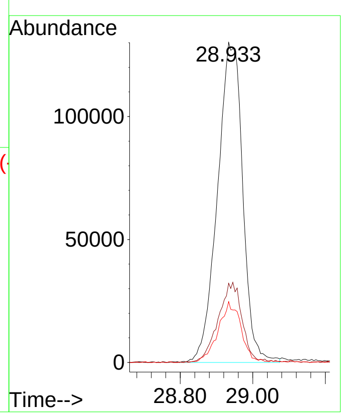



```
#91
Dibenzo(a,h)anthracene
Concen:   48.196 ng
RT:  27.940 min  Scan# 4
Delta R.T.   -0.007 min
Lab File:   BG064101.D
Acq: 11 Mar 2025  18:39

Tgt Ion:278 Resp:  66756
Ion  Ratio  Lower  Upper
278  100
139   14.0   10.2   15.2
279   24.4   18.1   27.1
```






```
#92
Benzo(g,h,i)perylene
Concen:   44.336 ng
RT:  28.933 min  Scan# 4399
Delta R.T.   -0.007 min
Lab File:   BG064101.D
Acq: 11 Mar 2025  18:39

Tgt Ion:276 Resp:  630502
Ion  Ratio  Lower  Upper
276  100
277   24.8   19.5   29.3
138   19.0   15.4   23.0
```



Raw Data: **BG064102.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A2-02-CMSD	SDG No.:	Q1523
Lab Sample ID:	Q1523-06MSD	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064102.D	1	03/11/25 11:15	03/11/25 19:20	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	290		12.8	50.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	410		5.30	50.0	ug/Kg
95-48-7	2-Methylphenol	460		11.2	50.0	ug/Kg
65794-96-9	3+4-Methylphenols	460		11.0	100	ug/Kg
67-72-1	Hexachloroethane	470		6.50	50.0	ug/Kg
98-95-3	Nitrobenzene	490		7.60	50.0	ug/Kg
87-68-3	Hexachlorobutadiene	450		5.40	50.0	ug/Kg
88-06-2	2,4,6-Trichlorophenol	540		5.10	50.0	ug/Kg
95-95-4	2,4,5-Trichlorophenol	540		6.20	50.0	ug/Kg
121-14-2	2,4-Dinitrotoluene	500		12.2	50.0	ug/Kg
118-74-1	Hexachlorobenzene	490		5.20	50.0	ug/Kg
87-86-5	Pentachlorophenol	1100	E	15.8	100	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	140		15 (10) - 110 (139)	94%	SPK: 150
13127-88-3	Phenol-d6	129		15 (10) - 110 (134)	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	111		30 (49) - 130 (133)	111%	SPK: 100
321-60-8	2-Fluorobiphenyl	102		30 (52) - 130 (132)	102%	SPK: 100
118-79-6	2,4,6-Tribromophenol	173	*	15 (44) - 110 (137)	115%	SPK: 150
1718-51-0	Terphenyl-d14	106		30 (48) - 130 (125)	106%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	35800	7.866			
1146-65-2	Naphthalene-d8	155000	10.651			
15067-26-2	Acenaphthene-d10	101000	14.487			
1517-22-2	Phenanthrene-d10	218000	17.231			
1719-03-5	Chrysene-d12	222000	21.462			
1520-96-3	Perylene-d12	244000	24.476			

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	ENTACT			Date Collected:	03/06/25	
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	03/07/25	
Client Sample ID:	WC-A2-02-CMSD			SDG No.:	Q1523	
Lab Sample ID:	Q1523-06MSD			Matrix:	TCLP	
Analytical Method:	SW8270			% Solid:	0	
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA	
Extraction Type :		Decanted :	N	Level :	LOW	
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064102.D	1	03/11/25 11:15	03/11/25 19:20	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Quantitation Report (QT Reviewed)

Sample Results: **BG064102.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064102.D
Acq On : 11 Mar 2025 19:20
Operator : RC/JU
Sample : Q1523-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 12 01:41:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.866	152	35821	20.000 ng	0.00
21) Naphthalene-d8	10.651	136	155055	20.000 ng	0.00
39) Acenaphthene-d10	14.487	164	100787	20.000 ng	0.00
64) Phenanthrene-d10	17.231	188	218138	20.000 ng	0.00
76) Chrysene-d12	21.462	240	221959	20.000 ng	0.00
86) Perylene-d12	24.476	264	243592	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.457	112	321963	140.344 ng	0.00
7) Phenol-d6	7.037	99	402416	128.944 ng	0.00
23) Nitrobenzene-d5	9.017	82	312601	111.412 ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	193367	172.600 ng	0.00
45) 2-Fluorobiphenyl	13.113	172	680559	102.494 ng	0.00
79) Terphenyl-d14	19.852	244	1158161	105.506 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.389	88	35325	33.976 ng	94
3) Pyridine	3.782	79	74429	29.436 ng	99
4) n-Nitrosodimethylamine	3.682	42	77456	42.875 ng	90
6) Aniline	7.196	93	38949	12.719 ng	96
8) 2-Chlorophenol	7.431	128	115444	46.854 ng	94
9) Benzaldehyde	7.002	77	19923	10.976 ng	97
10) Phenol	7.061	94	130942	40.980 ng	96
11) bis(2-Chloroethyl)ether	7.290	93	104438	41.691 ng	97
12) 1,3-Dichlorobenzene	7.754	146	112545	41.596 ng	96
13) 1,4-Dichlorobenzene	7.901	146	114514	41.292 ng	99
14) 1,2-Dichlorobenzene	8.218	146	114470	42.805 ng	96
15) Benzyl Alcohol	8.101	79	118323	49.063 ng	95
16) 2,2'-oxybis(1-Chloropr...	8.389	45	241996	42.962 ng	98
17) 2-Methylphenol	8.306	107	98123	46.270 ng	95
18) Hexachloroethane	8.947	117	45142	46.524 ng	95
19) n-Nitroso-di-n-propyla...	8.671	70	94983	43.367 ng	97
20) 3+4-Methylphenols	8.630	107	134153	45.950 ng	93
22) Acetophenone	8.682	105	203426	47.850 ng	# 97
24) Nitrobenzene	9.058	77	142513	49.148 ng	99
25) Isophorone	9.581	82	261171	46.505 ng	96
26) 2-Nitrophenol	9.764	139	58306	55.989 ng	# 86
27) 2,4-Dimethylphenol	9.828	122	105530	62.682 ng	99
28) bis(2-Chloroethoxy)met...	10.063	93	149599	43.937 ng	99
29) 2,4-Dichlorophenol	10.298	162	106779	50.228 ng	94
30) 1,2,4-Trichlorobenzene	10.516	180	113906	44.385 ng	99
31) Naphthalene	10.704	128	474924	56.802 ng	99
32) Benzoic acid	9.981	122	82947	52.629 ng	98
33) 4-Chloroaniline	10.809	127	13973	4.572 ng	# 91
34) Hexachlorobutadiene	10.991	225	75178	44.692 ng	94
35) Caprolactam	11.573	113	35583m	43.678 ng	
36) 4-Chloro-3-methylphenol	11.932	107	131503	47.191 ng	95
37) 2-Methylnaphthalene	12.313	142	297071	50.329 ng	96
38) 1-Methylnaphthalene	12.531	142	289622	50.084 ng	100
40) 1,2,4,5-Tetrachloroben...	12.684	216	150573	52.330 ng	96
41) Hexachlorocyclopentadiene	12.666	237	133987	165.447 ng	98
43) 2,4,6-Trichlorophenol	12.919	196	92079	54.297 ng	96

Quantitation Report (QT Reviewed)

Sample Results: **BG064102.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064102.D
Acq On : 11 Mar 2025 19:20
Operator : RC/JU
Sample : Q1523-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

Quant Time: Mar 12 01:41:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.995	196	102544	54.420 ng		98
46) 1,1'-Biphenyl	13.324	154	406978	53.447 ng		98
47) 2-Chloronaphthalene	13.365	162	268971	48.433 ng		98
48) 2-Nitroaniline	13.559	65	100459	53.278 ng		96
49) Acenaphthylene	14.211	152	434625	49.479 ng		99
50) Dimethylphthalate	13.953	163	334665	44.983 ng		99
51) 2,6-Dinitrotoluene	14.058	165	74298	49.140 ng		89
52) Acenaphthene	14.552	154	282934	47.995 ng		100
53) 3-Nitroaniline	14.382	138	19243	13.383 ng		94
54) 2,4-Dinitrophenol	14.593	184	80253	122.845 ng	#	82
55) Dibenzofuran	14.887	168	432382	45.276 ng		97
56) 4-Nitrophenol	14.699	139	127982	106.127 ng	#	88
57) 2,4-Dinitrotoluene	14.846	165	104301	49.924 ng	#	94
58) Fluorene	15.533	166	348267	46.822 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	96080	52.302 ng	#	96
60) Diethylphthalate	15.316	149	365904	45.304 ng		98
61) 4-Chlorophenyl-phenyle...	15.533	204	169905	45.967 ng		91
62) 4-Nitroaniline	15.551	138	67605	43.548 ng		91
63) Azobenzene	15.827	77	370850	43.029 ng		96
65) 4,6-Dinitro-2-methylph...	15.610	198	56039	57.512 ng		96
66) n-Nitrosodiphenylamine	15.745	169	301849	48.885 ng		98
67) 4-Bromophenyl-phenylether	16.420	248	110208	49.329 ng		93
68) Hexachlorobenzene	16.538	284	123234	49.270 ng		98
69) Atrazine	16.697	200	117817	64.850 ng		95
70) Pentachlorophenol	16.879	266	170476	109.773 ng		97
71) Phenanthrene	17.272	178	569961	48.987 ng		99
72) Anthracene	17.360	178	573917	49.607 ng		97
73) Carbazole	17.631	167	523806	48.492 ng		99
74) Di-n-butylphthalate	18.201	149	620627	48.811 ng		99
75) Fluoranthene	19.282	202	647433	46.157 ng		97
77) Benzidine	19.476	184	52747	17.162 ng	#	95
78) Pyrene	19.640	202	669978	46.826 ng		99
80) Butylbenzylphthalate	20.545	149	287287	53.091 ng		97
81) Benzo(a)anthracene	21.444	228	697673	49.070 ng		99
82) 3,3'-Dichlorobenzidine	21.362	252	98280	21.358 ng	#	99
83) Chrysene	21.509	228	671957	47.385 ng		99
84) Bis(2-ethylhexyl)phtha...	21.379	149	430265	55.956 ng		97
85) Di-n-octyl phthalate	22.525	149	752818	56.761 ng		98
87) Indeno(1,2,3-cd)pyrene	27.883	276	837202	51.368 ng		99
88) Benzo(b)fluoranthene	23.530	252	686296	46.604 ng		97
89) Benzo(k)fluoranthene	23.594	252	701851	47.508 ng		100
90) Benzo(a)pyrene	24.341	252	667336	50.884 ng		98
91) Dibenzo(a,h)anthracene	27.942	278	685587	50.740 ng		97
92) Benzo(g,h,i)perylene	28.947	276	643489	46.385 ng		97

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

Sample Results: **BG064102.D**

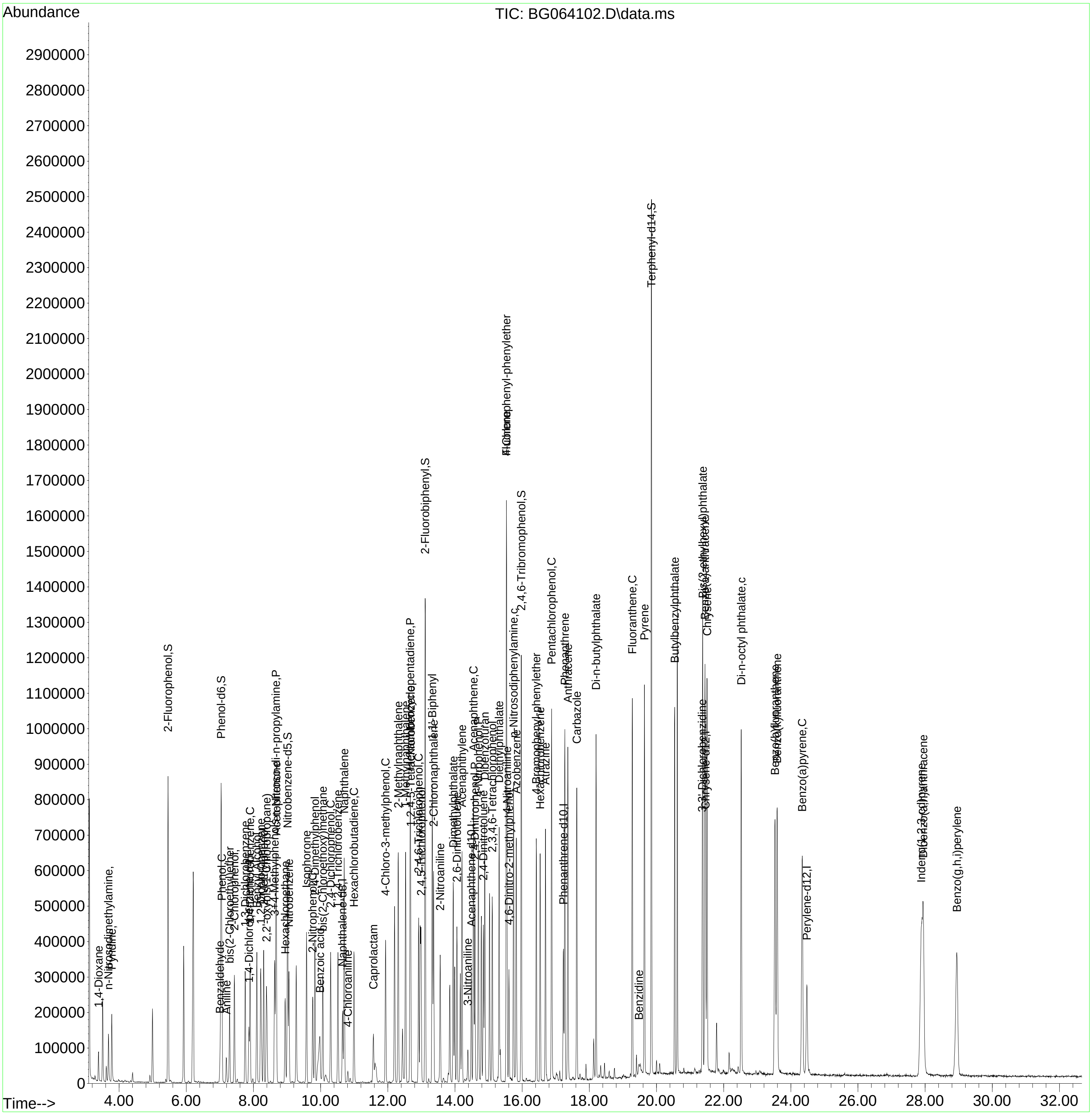
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
Data File : BG064102.D
Acq On   : 11 Mar 2025 19:20
Operator : RC/JU
Sample   : Q1523-06MSD
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Quant Time: Mar 12 01:41:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio   03/12/2025
Supervised By :Jagrut Upadhyay   03/12/2025

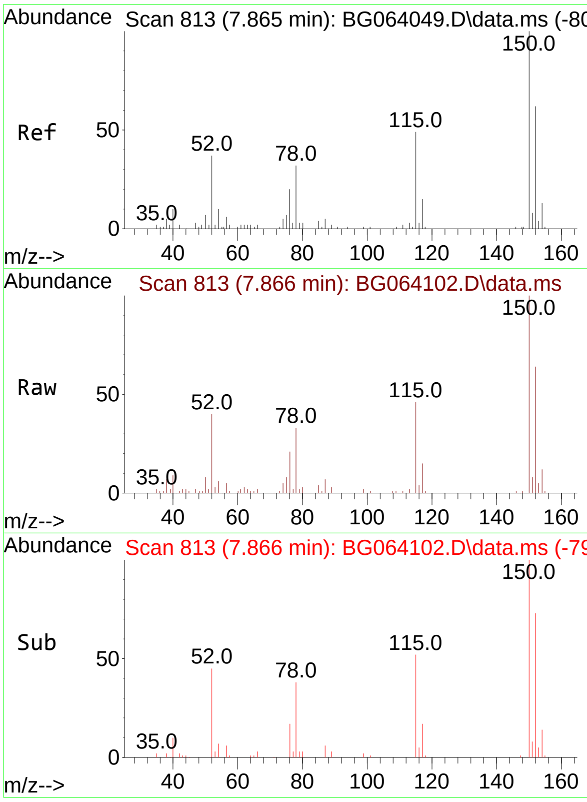


Sample Results: **BG064102.D**

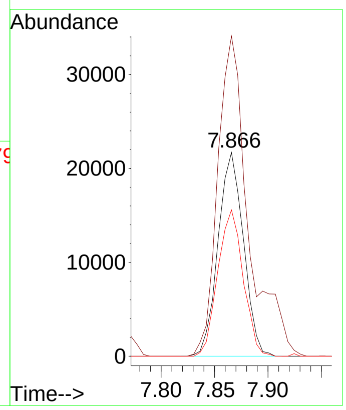
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

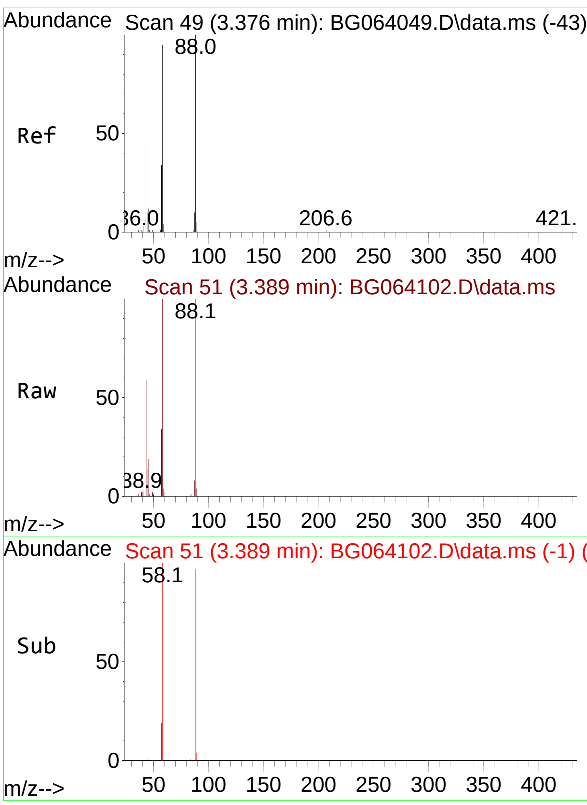
Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

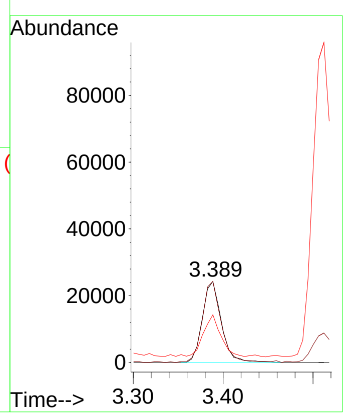



```
#1
1,4-Dichlorobenzene-d4
Concen:   20.000 ng
RT:    7.866 min   Scan# 8
Delta R.T.   0.001 min
Lab File:    BG064102.D
Acq: 11 Mar 2025   19:20

Tgt Ion:152 Resp:    3582
Ion   Ratio   Lower   Upper
152   100
150   157.1   129.2   193.8
115    71.8    63.0    94.6
```






```
#2
1,4-Dioxane
Concen:   33.976 ng
RT:    3.389 min   Scan# 51
Delta R.T.   0.013 min
Lab File:    BG064102.D
Acq: 11 Mar 2025   19:20

Tgt Ion: 88 Resp:    35325
Ion   Ratio   Lower   Upper
 88   100
 58    99.9    74.6   111.8
 43    46.9    35.5    53.3
```

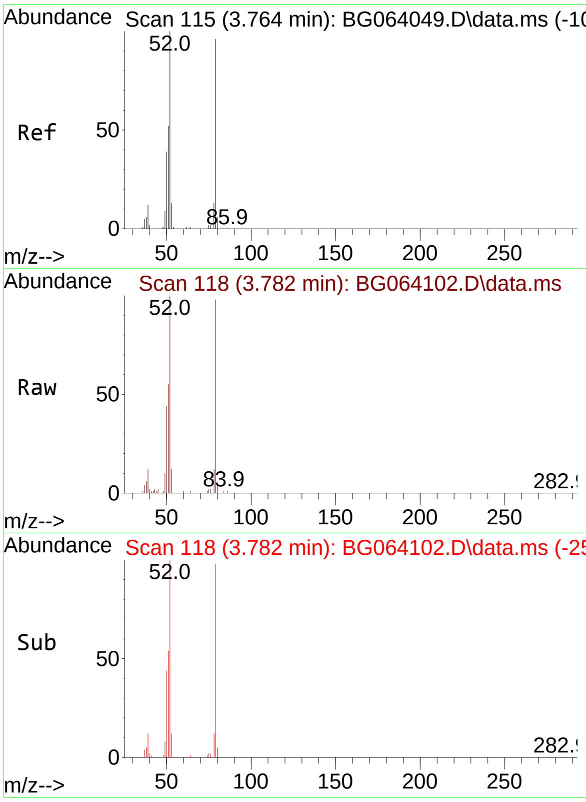


Sample Results: **BG064102.D**

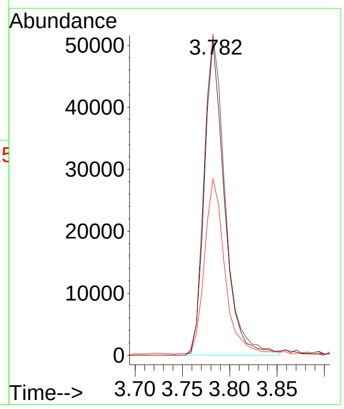
Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

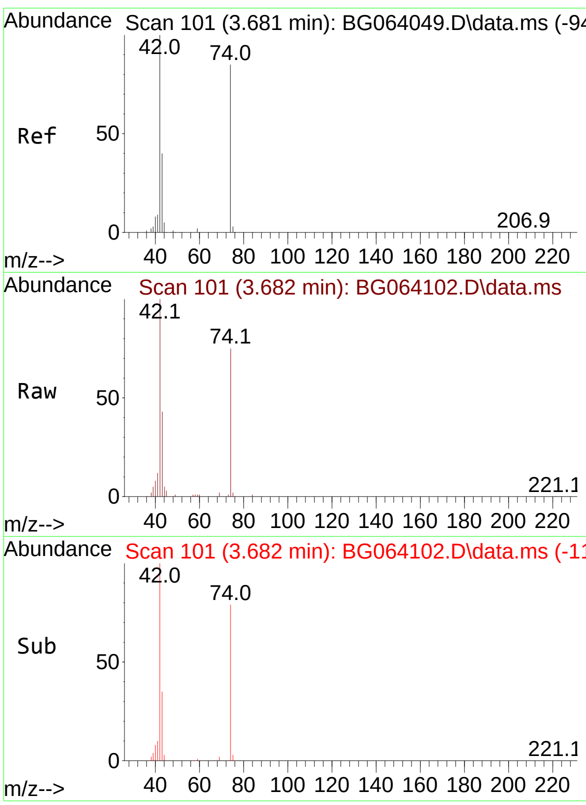
Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

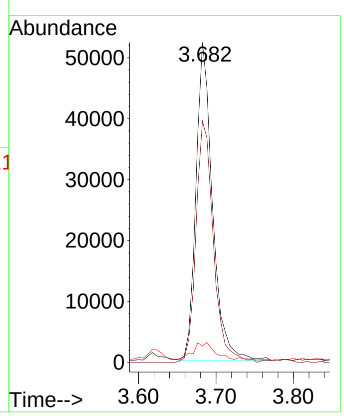



```
#3
Pyridine
Concen:   29.436 ng
RT:   3.782 min   Scan# 1
Delta R.T.   0.019 min
Lab File:    BG064102.D
Acq: 11 Mar 2025   19:20

Tgt Ion: 79 Resp:    7442
Ion   Ratio   Lower   Upper
 79   100
 52   102.0    83.0   124.6
 51    56.1    44.3    66.5
```






```
#4
n-Nitrosodimethylamine
Concen:   42.875 ng
RT:   3.682 min   Scan# 101
Delta R.T.   0.001 min
Lab File:    BG064102.D
Acq: 11 Mar 2025   19:20

Tgt Ion: 42 Resp:    77456
Ion   Ratio   Lower   Upper
 42   100
 74    75.4    68.0   102.0
 44     5.1     4.9     7.3
```



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

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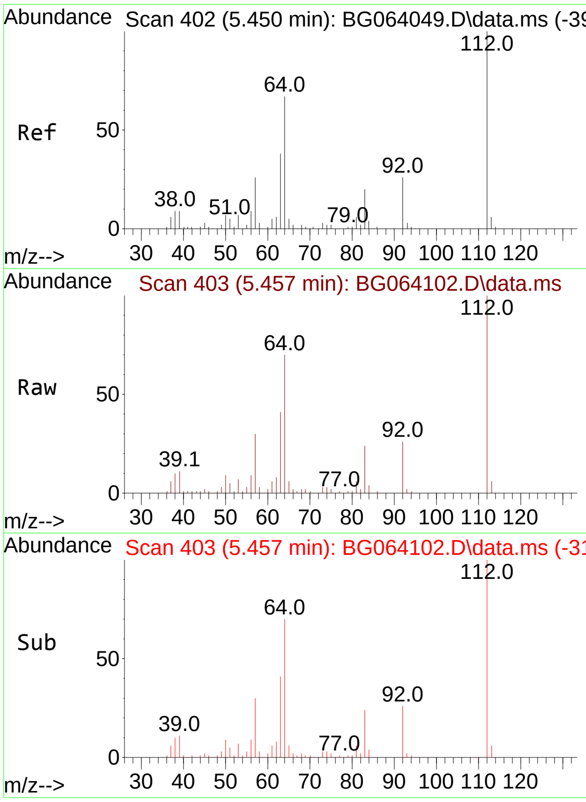
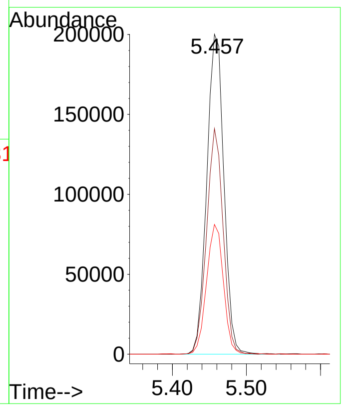
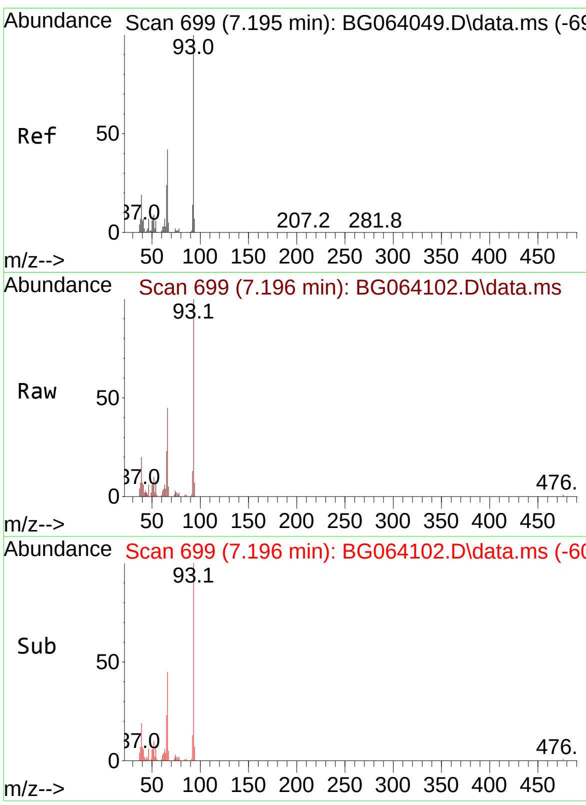


#5
2-Fluorophenol
Concen: 140.344 ng
RT: 5.457 min Scan# 4
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:112 Resp: 32196

Ion	Ratio	Lower	Upper
112	100		
64	70.5	53.7	80.5
63	40.6	30.2	45.4

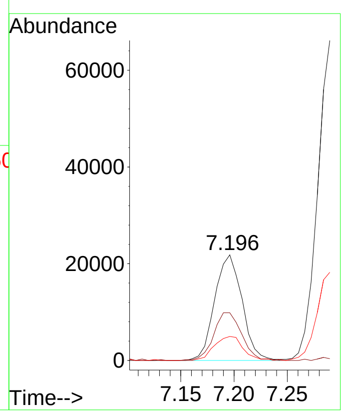




#6
Aniline
Concen: 12.719 ng
RT: 7.196 min Scan# 699
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 93 Resp: 38949

Ion	Ratio	Lower	Upper
93	100		
66	45.1	33.7	50.5
65	22.8	19.1	28.7



Instrument :
BNA_G
ClientSampleId :
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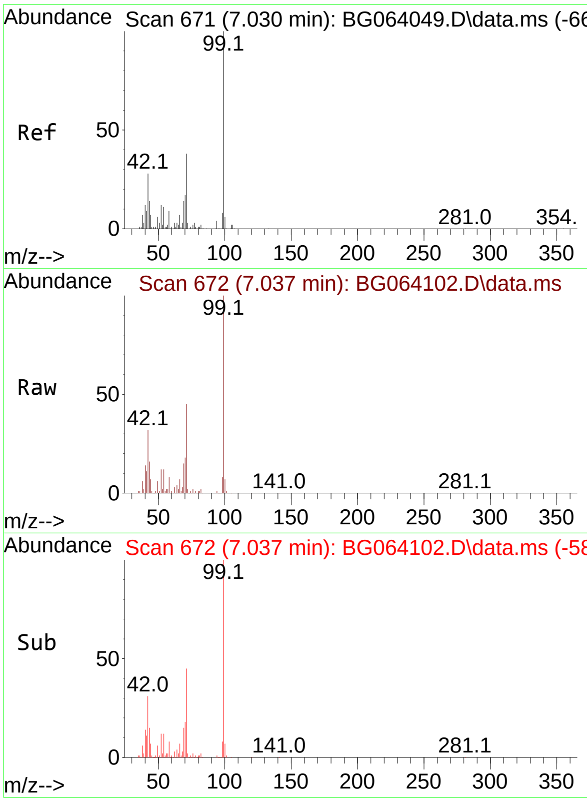
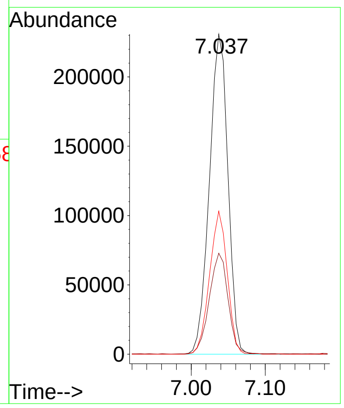
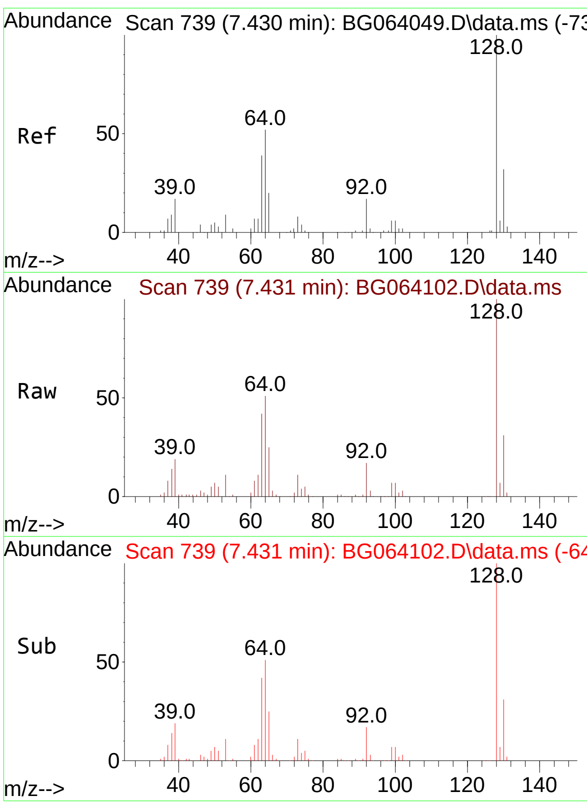


#7
Phenol-d6
Concen: 128.944 ng
RT: 7.037 min Scan# 6
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 99 Resp: 40241

Ion	Ratio	Lower	Upper
99	100		
42	31.6	22.7	34.1
71	44.7	30.6	46.0

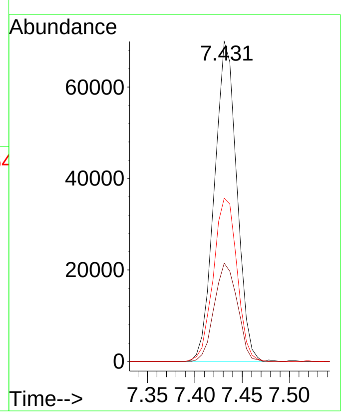


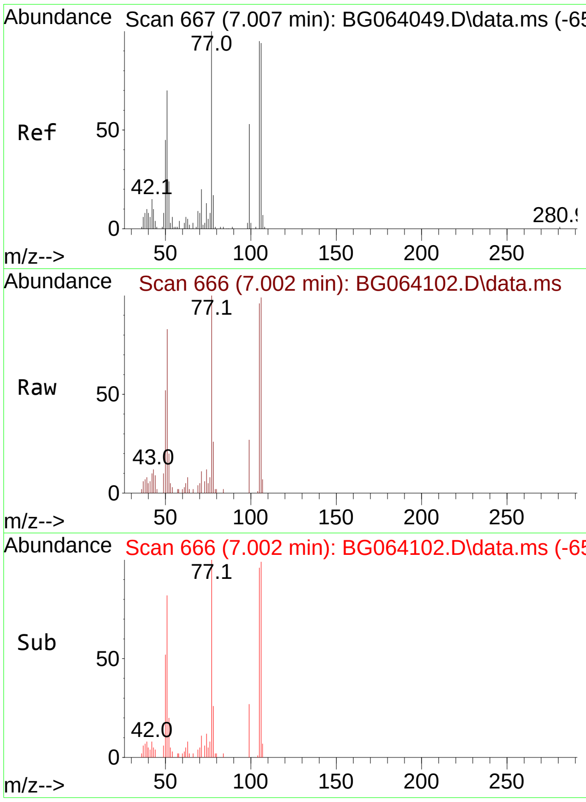


#8
2-Chlorophenol
Concen: 46.854 ng
RT: 7.431 min Scan# 739
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:128 Resp: 115444

Ion	Ratio	Lower	Upper
128	100		
130	30.7	12.3	52.3
64	51.0	37.0	77.0





#9
Benzaldehyde
Concen: 10.976 ng
RT: 7.002 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 77 Resp: 1992

Ion	Ratio	Lower	Upper
77	100		
105	95.5	75.5	115.5
106	99.5	74.2	114.2

Instrument :
BNA_G
ClientSampleId :
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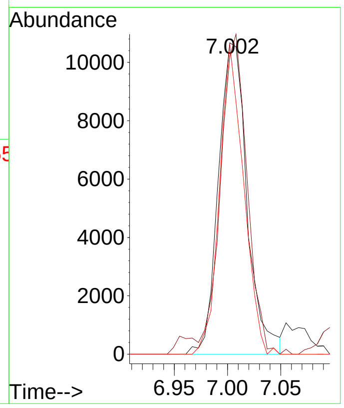
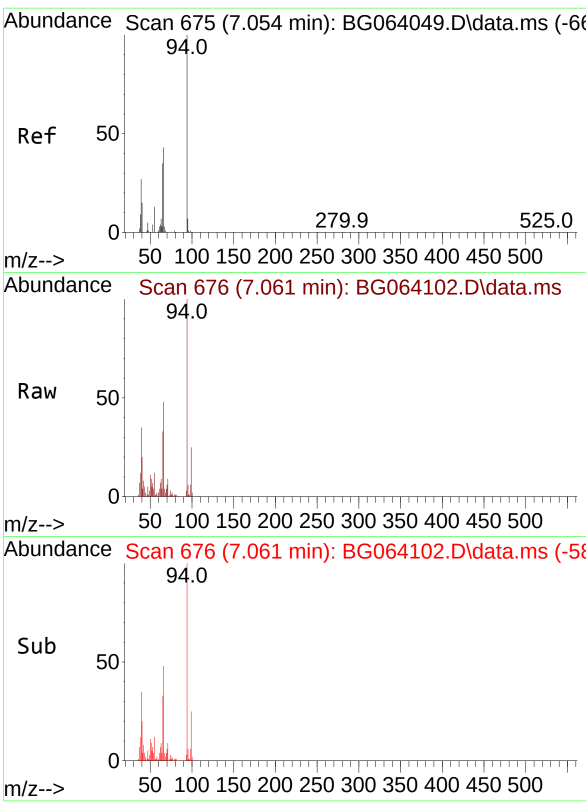
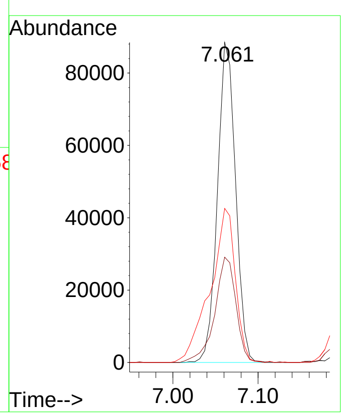


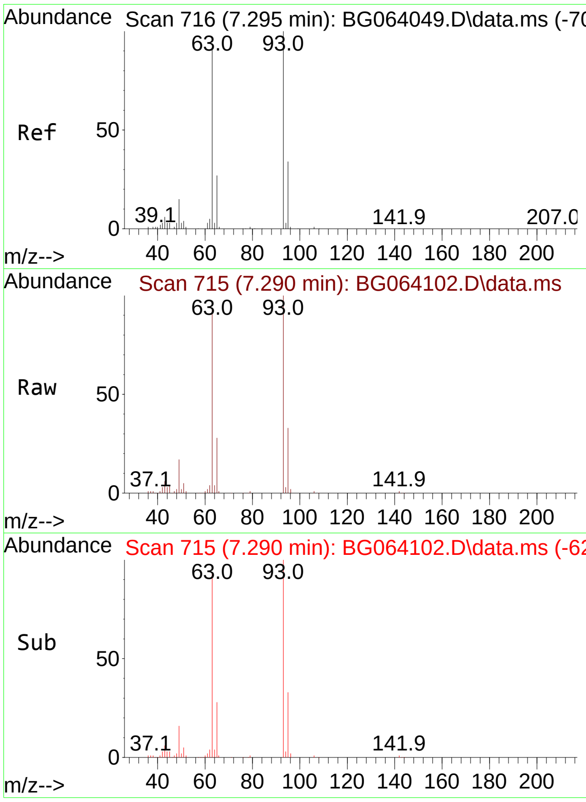


#10
Phenol
Concen: 40.980 ng
RT: 7.061 min Scan# 676
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 94 Resp: 130942

Ion	Ratio	Lower	Upper
94	100		
65	32.9	15.2	55.2
66	48.2	25.1	65.1

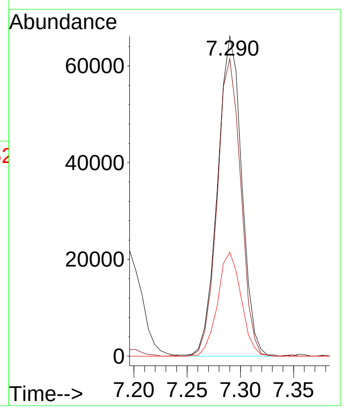




#11
bis(2-Chloroethyl)ether
Concen: 41.691 ng
RT: 7.290 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 93 Resp: 10443

Ion	Ratio	Lower	Upper
93	100		
63	92.9	70.0	110.0
95	32.5	13.7	53.7



Instrument :
BNA_G
ClientSampleId :
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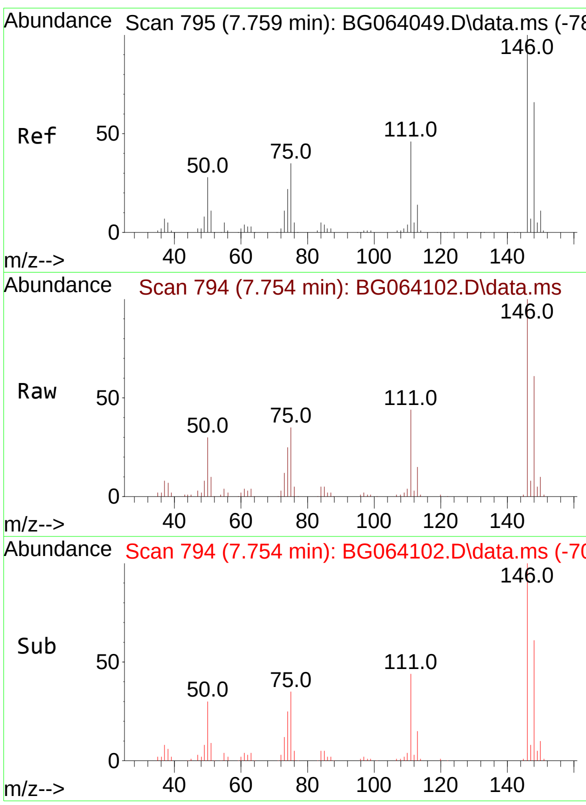
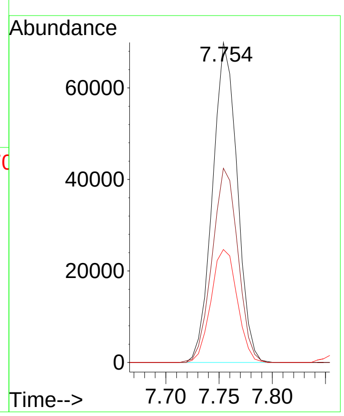
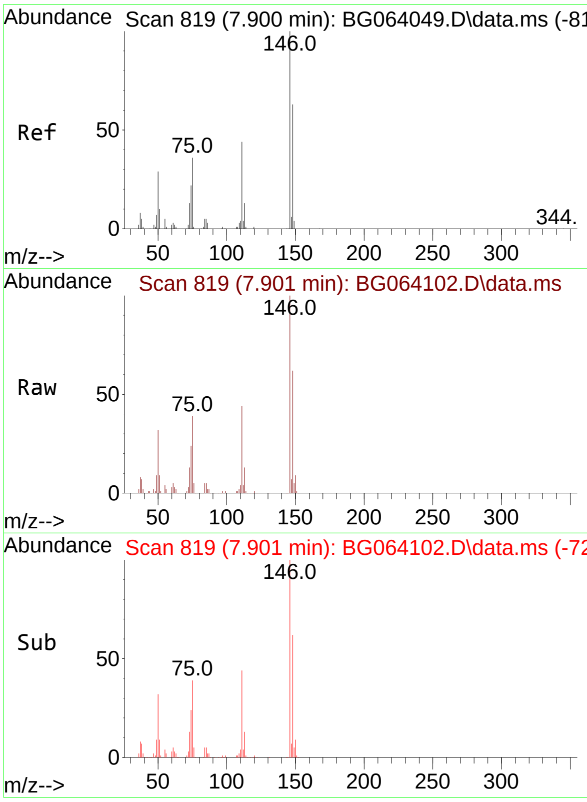


#12
1,3-Dichlorobenzene
Concen: 41.596 ng
RT: 7.754 min Scan# 794
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:146 Resp: 112545

Ion	Ratio	Lower	Upper
146	100		
148	60.7	52.6	78.8
75	35.3	28.1	42.1





#13
1,4-Dichlorobenzene
Concen: 41.292 ng
RT: 7.901 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

Tgt Ion:146 Resp: 11451

Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.6	75.8
111	44.4	35.1	52.7

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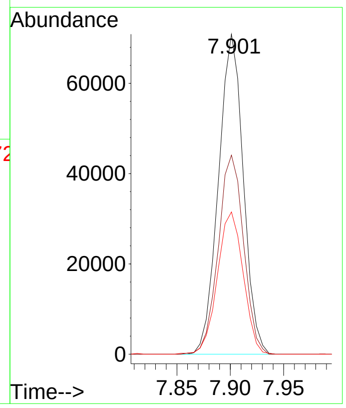
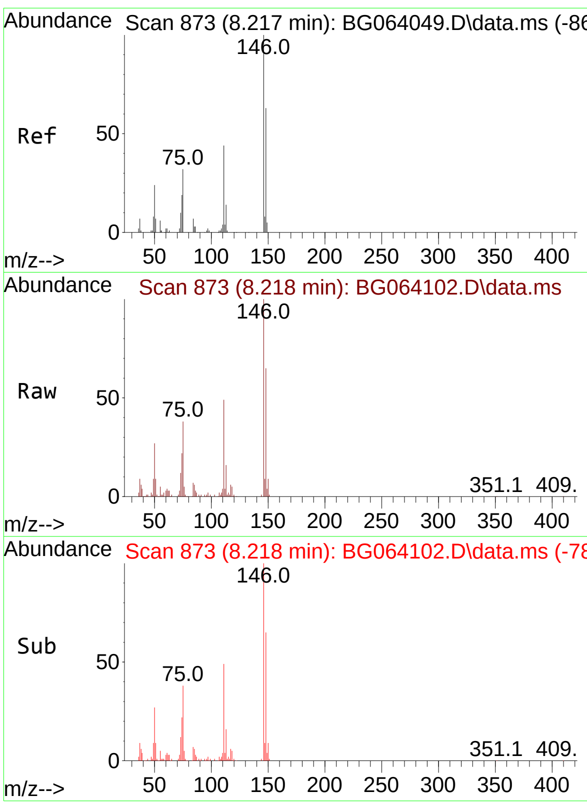
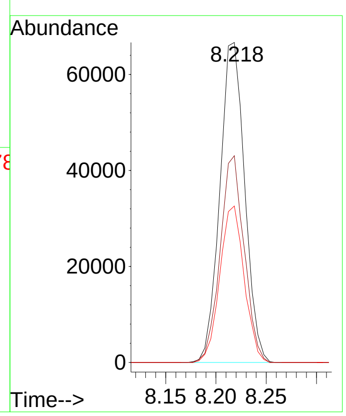


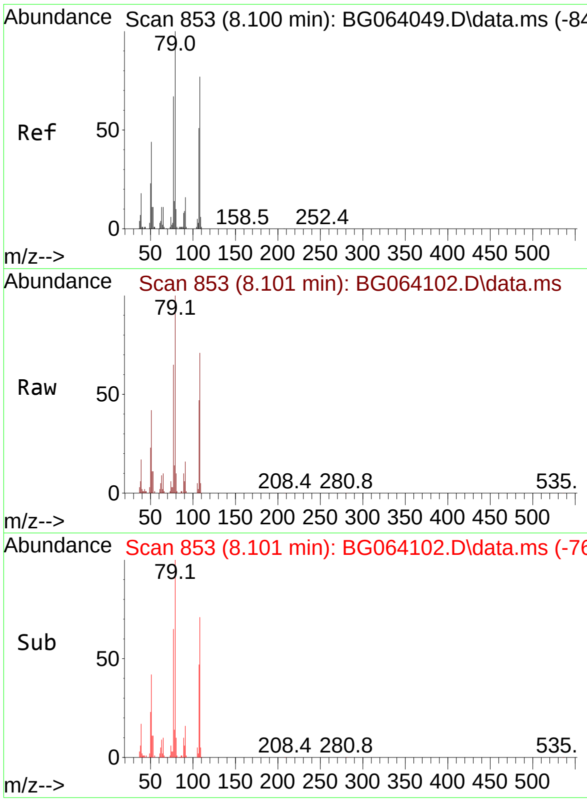


#14
1,2-Dichlorobenzene
Concen: 42.805 ng
RT: 8.218 min Scan# 873
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:146 Resp: 114470

Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.2	75.2
111	48.9	36.4	54.6





#15
Benzyl Alcohol
Concen: 49.063 ng
RT: 8.101 min   Scan# 8!
Delta R.T.   0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025   19:20

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

Tgt Ion: 79 Resp: 11832

Ion	Ratio	Lower	Upper
79	100		
108	70.6	61.7	92.5
77	65.1	53.9	80.9

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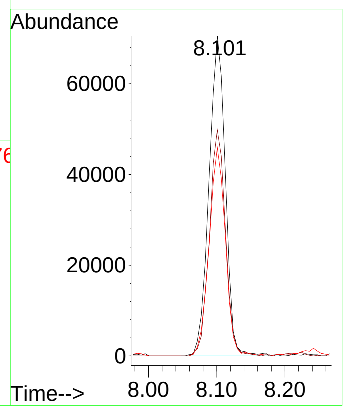
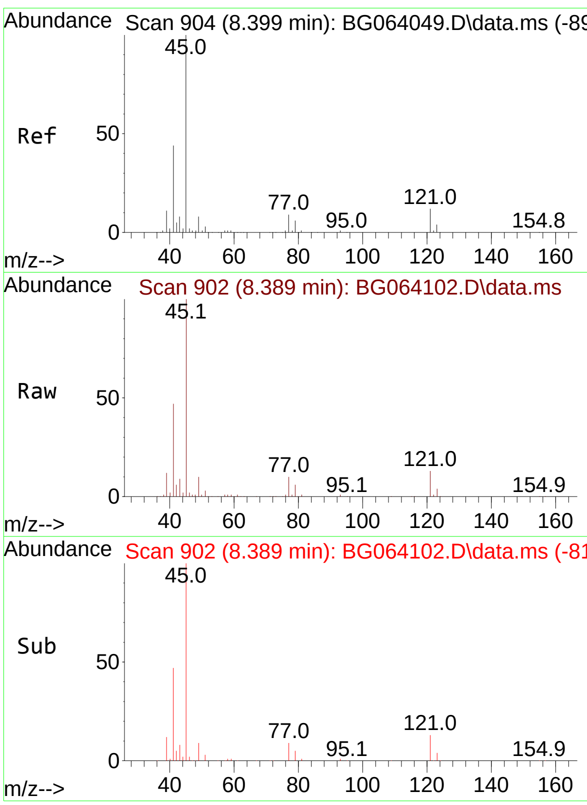
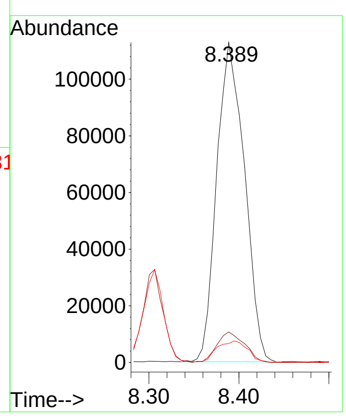




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.962 ng
RT: 8.389 min   Scan# 902
Delta R.T.   -0.011 min
Lab File: BG064102.D
Acq: 11 Mar 2025   19:20

Tgt Ion: 45 Resp: 241996

Ion	Ratio	Lower	Upper
45	100		
77	9.6	0.0	29.0
79	5.9	0.0	26.6



Instrument :
BNA_G
ClientSampleId :
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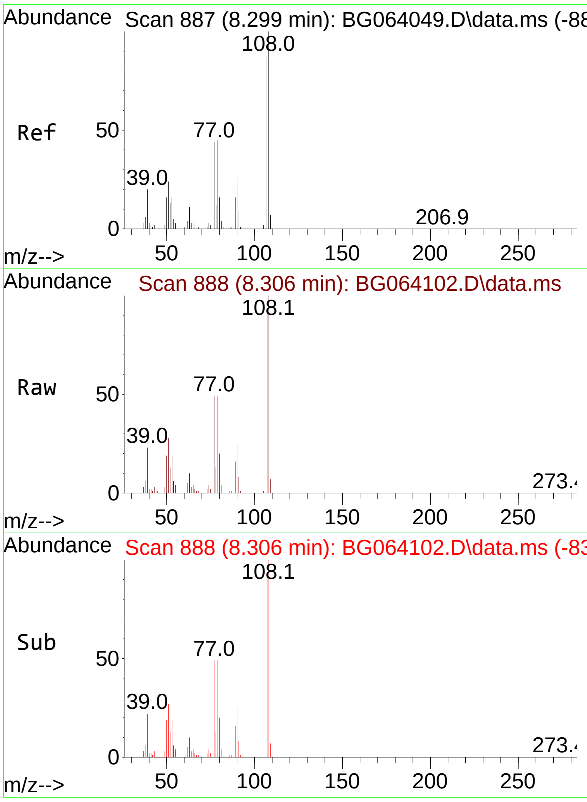
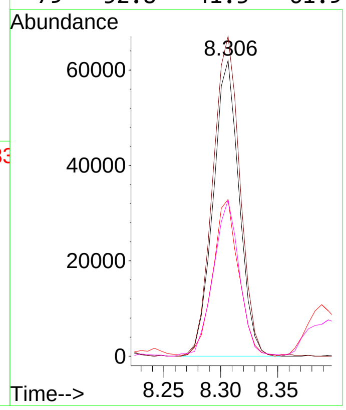
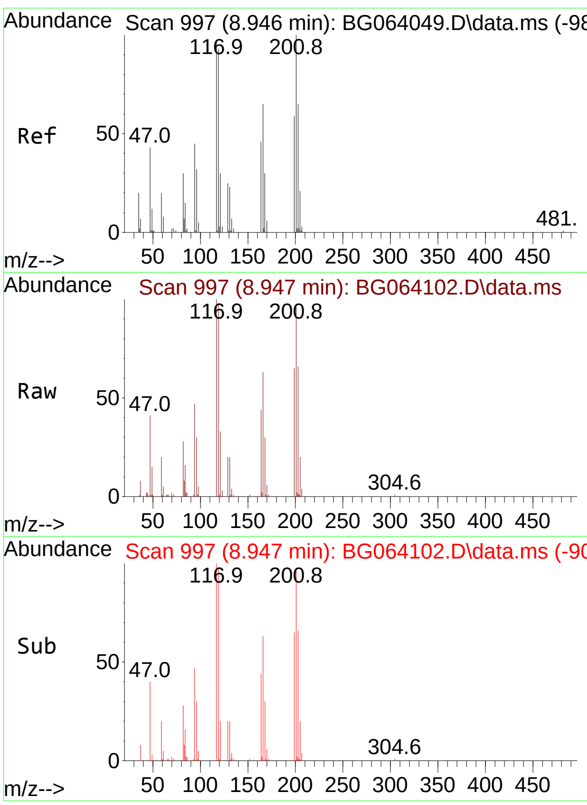


#17
2-Methylphenol
Concen: 46.270 ng
RT: 8.306 min Scan# 8
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:107 Resp: 9812

Ion	Ratio	Lower	Upper
107	100		
108	108.1	92.5	138.7
77	53.0	40.5	60.7
79	52.8	41.3	61.9

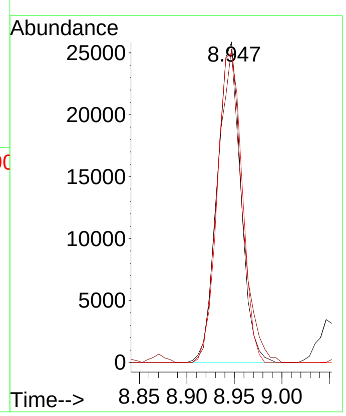




#18
Hexachloroethane
Concen: 46.524 ng
RT: 8.947 min Scan# 997
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:117 Resp: 45142

Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.2	114.2
201	96.7	81.5	122.3



Sample Results: **BG064102.D**

Instrument :
BNA_G
ClientSampleId :
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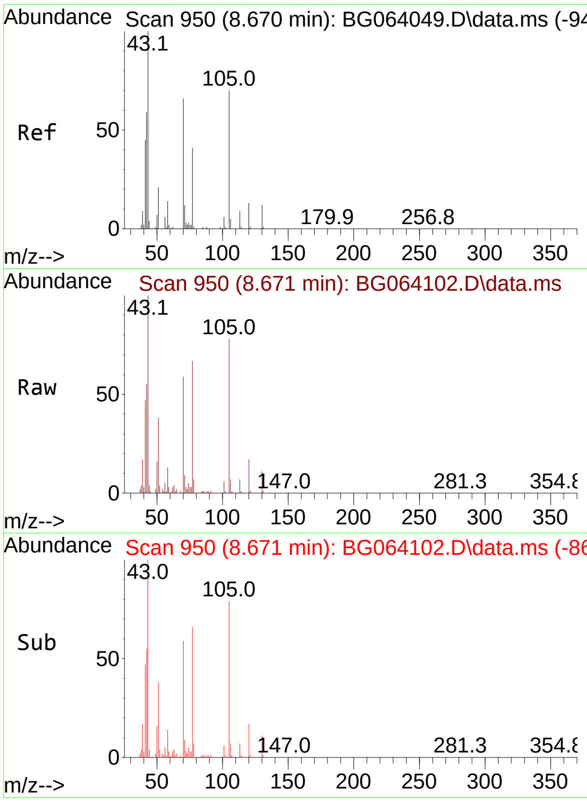
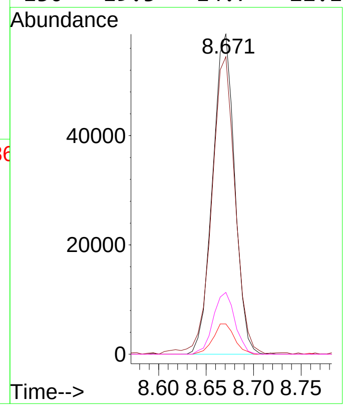
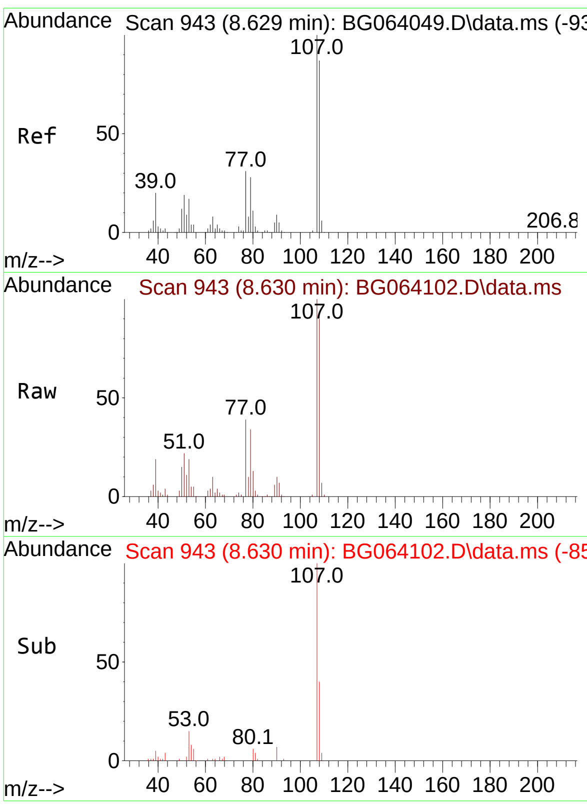


#19
n-Nitroso-di-n-propylamine
Concen: 43.367 ng
RT: 8.671 min Scan# 9
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 70 Resp: 9498

Ion	Ratio	Lower	Upper
70	100		
42	93.0	72.1	108.1
101	9.5	7.2	10.8
130	19.3	14.7	22.1

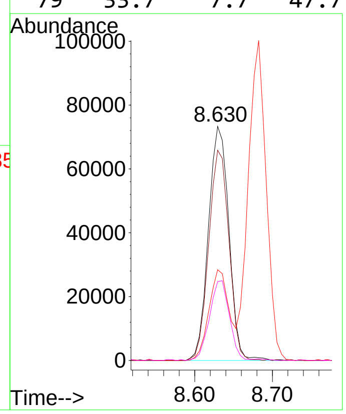




#20
3+4-Methylphenols
Concen: 45.950 ng
RT: 8.630 min Scan# 943
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:107 Resp: 134153

Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.0	107.0
77	38.8	11.2	51.2
79	33.7	7.7	47.7



Instrument :
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ClientSampleId :
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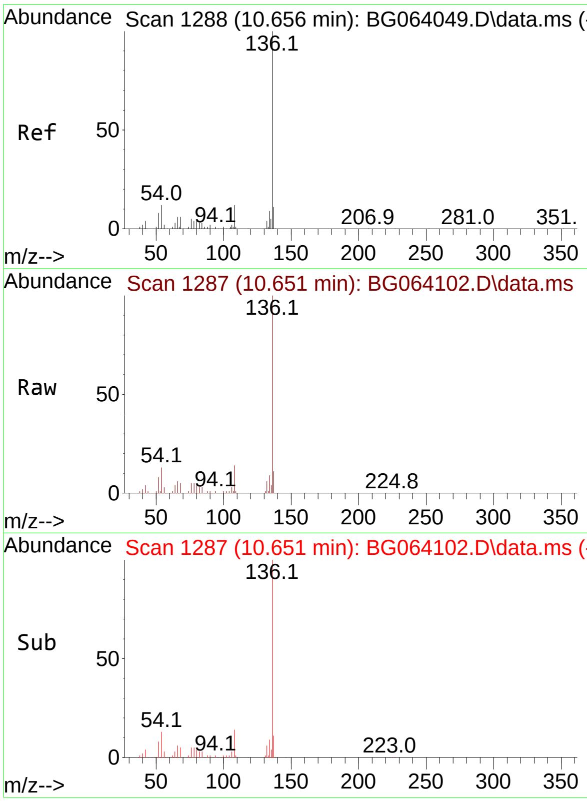
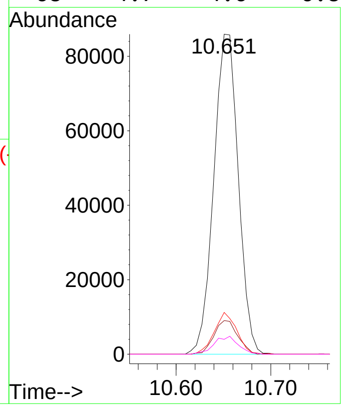
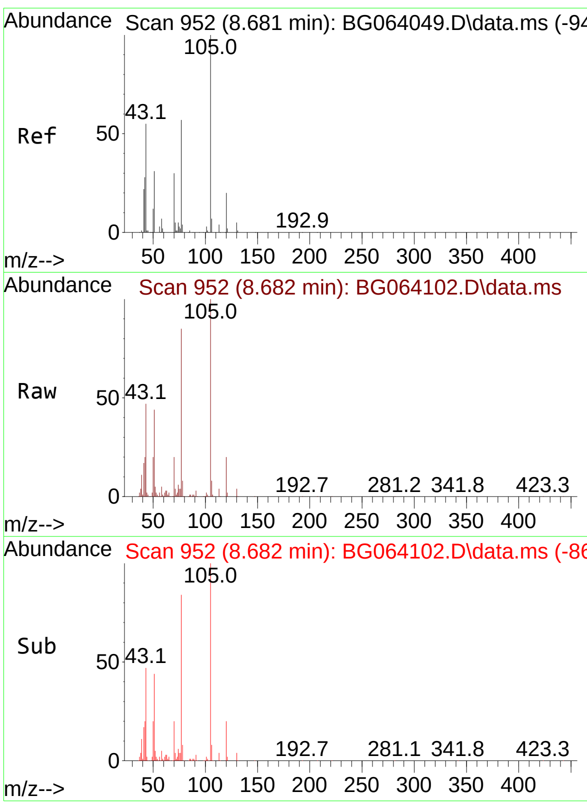


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:136 Resp: 15505

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	13.0	9.9	14.9
68	4.7	4.6	6.8

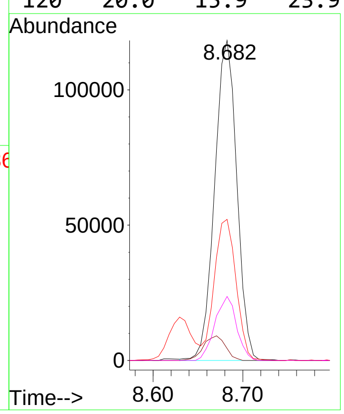


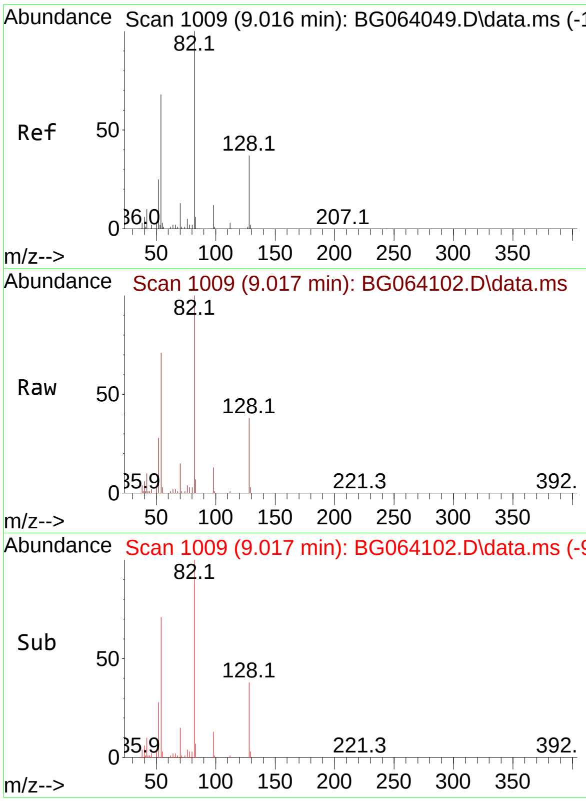


#22
Acetophenone
Concen: 47.850 ng
RT: 8.682 min Scan# 952
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:105 Resp: 203426

Ion	Ratio	Lower	Upper
105	100		
71	3.7	4.2	6.4#
51	44.1	33.3	49.9
120	20.0	15.9	23.9





#23
Nitrobenzene-d5
Concen: 111.412 ng
RT: 9.017 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 82 Resp: 31260

Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.0	45.0
54	71.2	54.7	82.1

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

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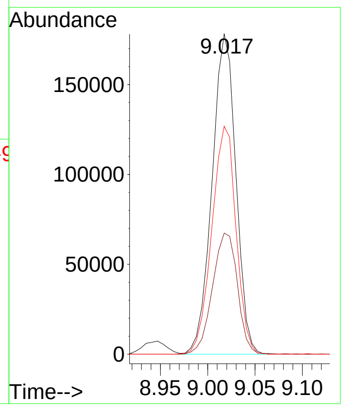
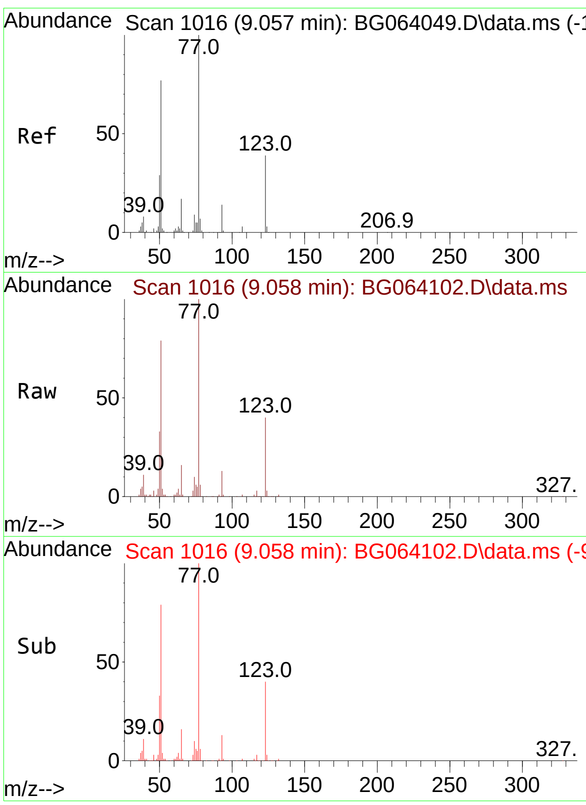
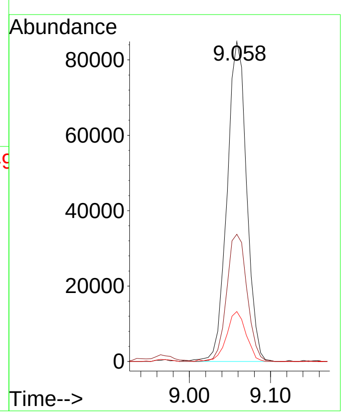




#24
Nitrobenzene
Concen: 49.148 ng
RT: 9.058 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 77 Resp: 142513

Ion	Ratio	Lower	Upper
77	100		
123	39.8	31.4	47.2
65	15.6	13.4	20.0



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

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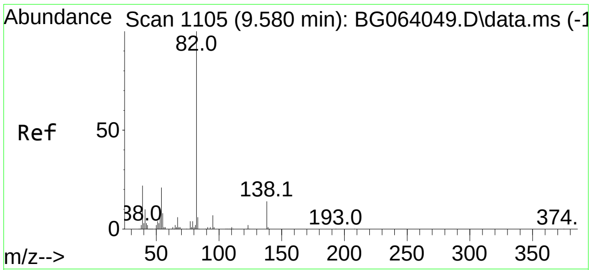
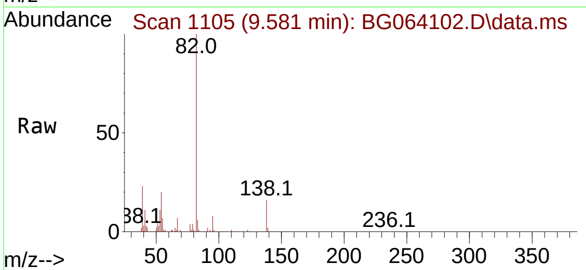
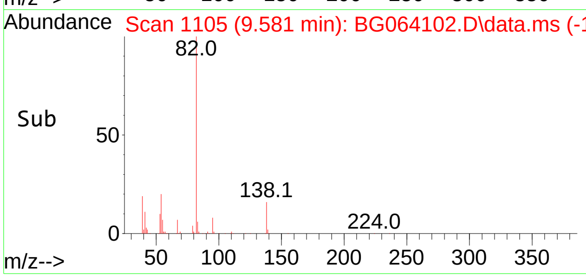


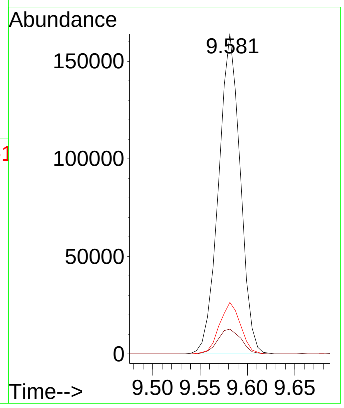


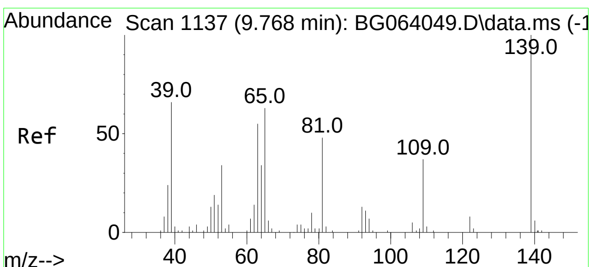


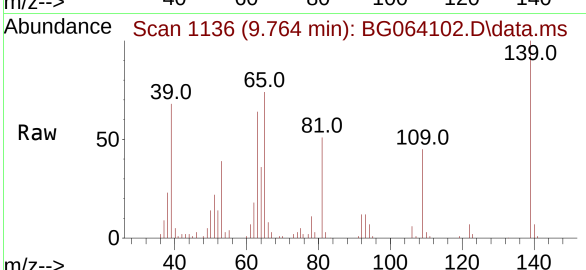
#25
Isophorone
Concen: 46.505 ng
RT: 9.581 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

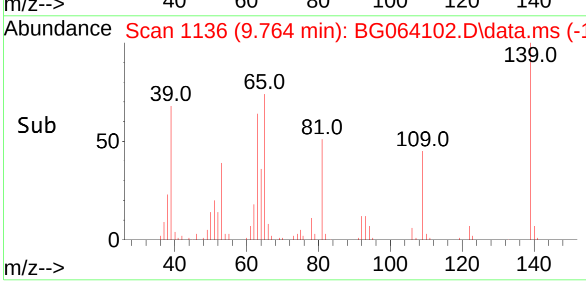
Tgt Ion: 82 Resp: 26117

Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.8	8.8
138	16.1	10.9	16.3





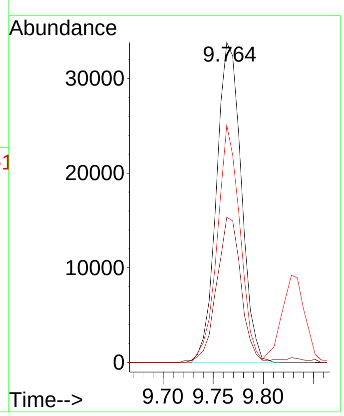


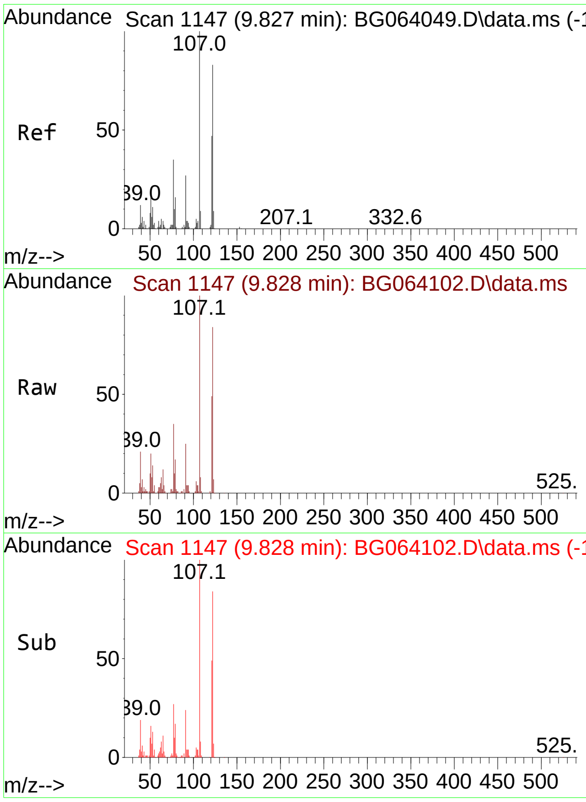


#26
2-Nitrophenol
Concen: 55.989 ng
RT: 9.764 min Scan# 1136
Delta R.T. -0.004 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:139 Resp: 58306

Ion	Ratio	Lower	Upper
139	100		
109	45.4	29.9	44.9#
65	74.2	50.6	76.0





#27
2,4-Dimethylphenol
Concen: 62.682 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:122 Resp: 10553

Ion	Ratio	Lower	Upper
122	100		
107	118.9	95.4	143.0
121	58.5	44.9	67.3

Instrument :
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ClientSampleId :
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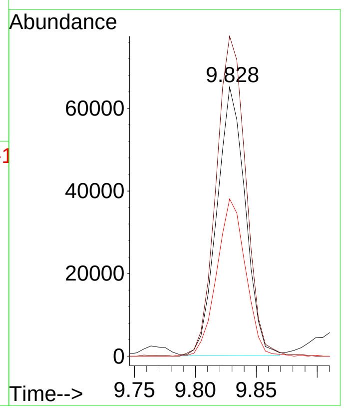
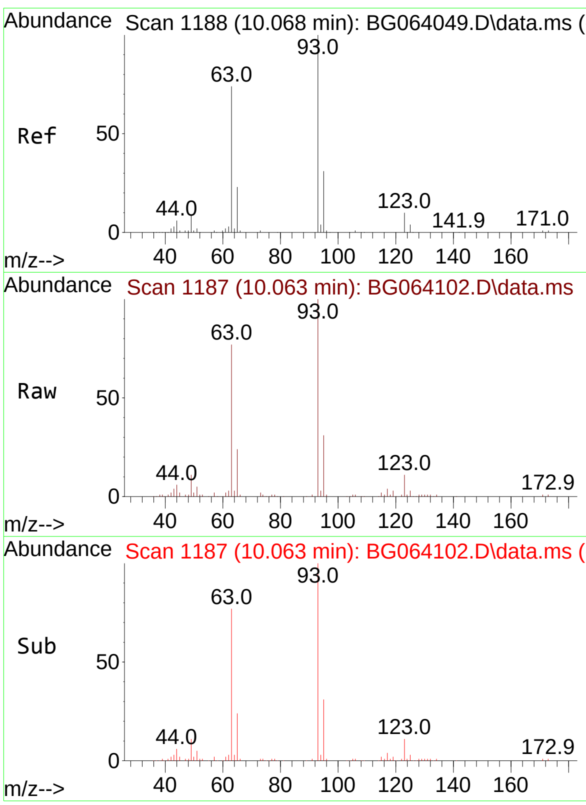
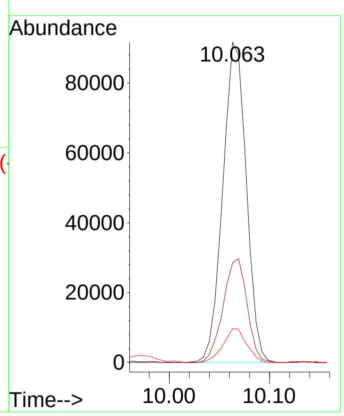




#28
bis(2-Chloroethoxy)methane
Concen: 43.937 ng
RT: 10.063 min Scan# 1187
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 93 Resp: 149599

Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.0	37.4
123	10.5	7.6	11.4



Instrument :
BNA_G
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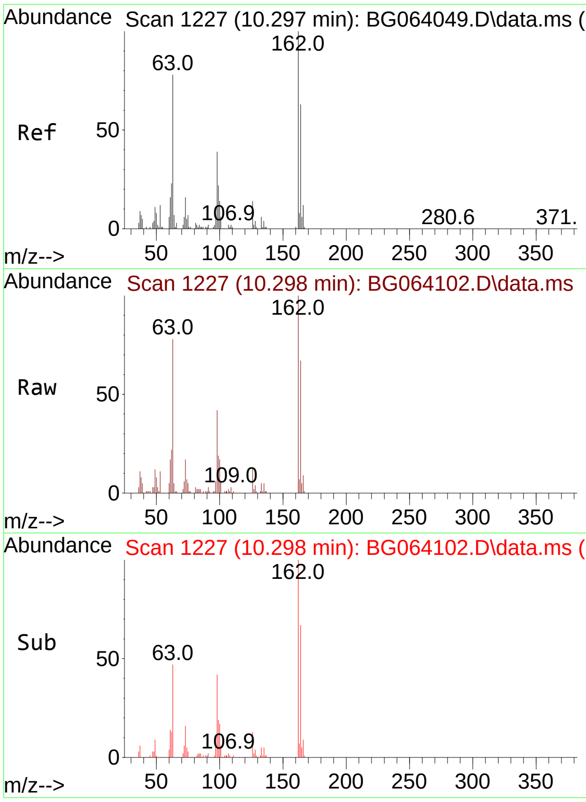
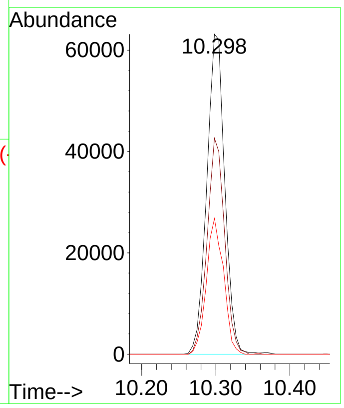
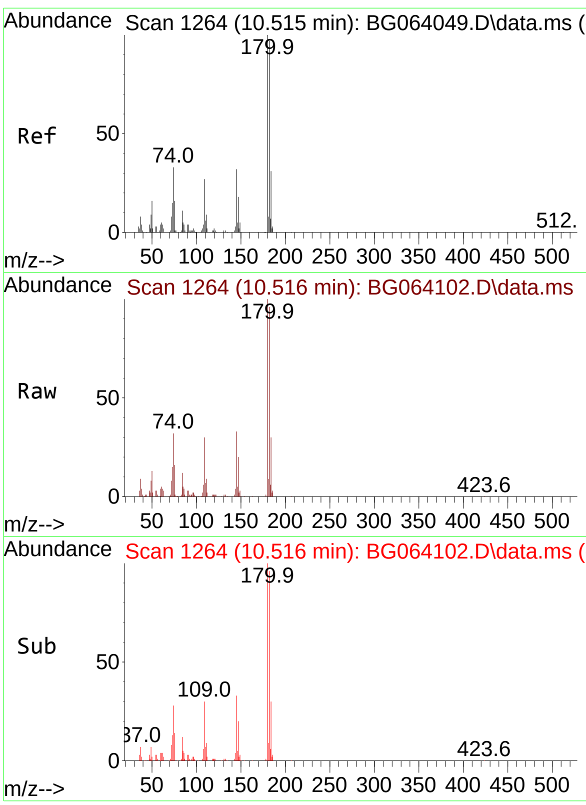


#29
2,4-Dichlorophenol
Concen: 50.228 ng
RT: 10.298 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:162 Resp: 10677

Ion	Ratio	Lower	Upper
162	100		
164	67.5	42.8	82.8
98	42.4	19.1	59.1

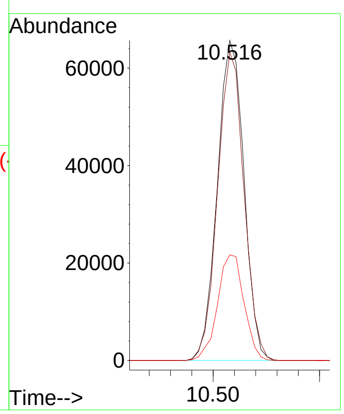




#30
1,2,4-Trichlorobenzene
Concen: 44.385 ng
RT: 10.516 min Scan# 1264
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:180 Resp: 113906

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.3	115.9
145	33.0	25.2	37.8



Instrument :
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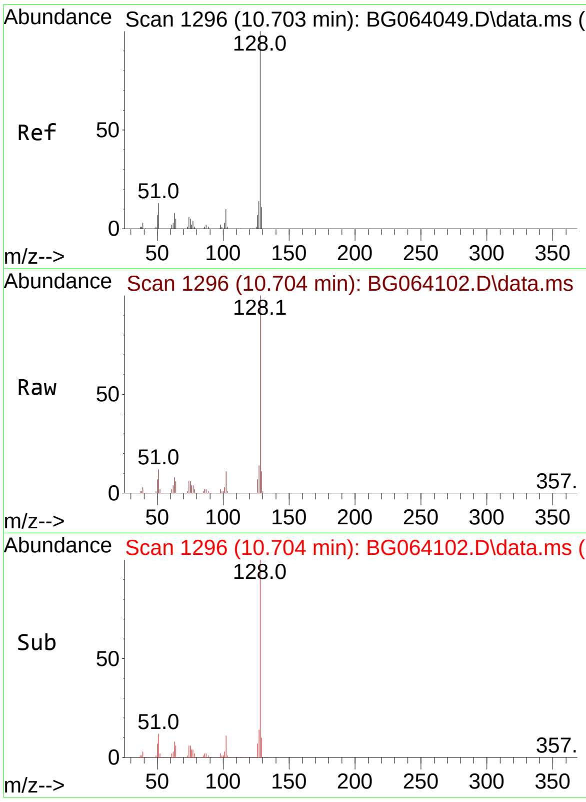
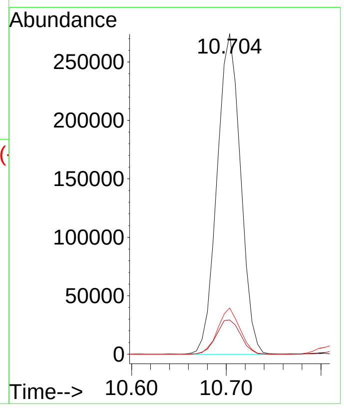
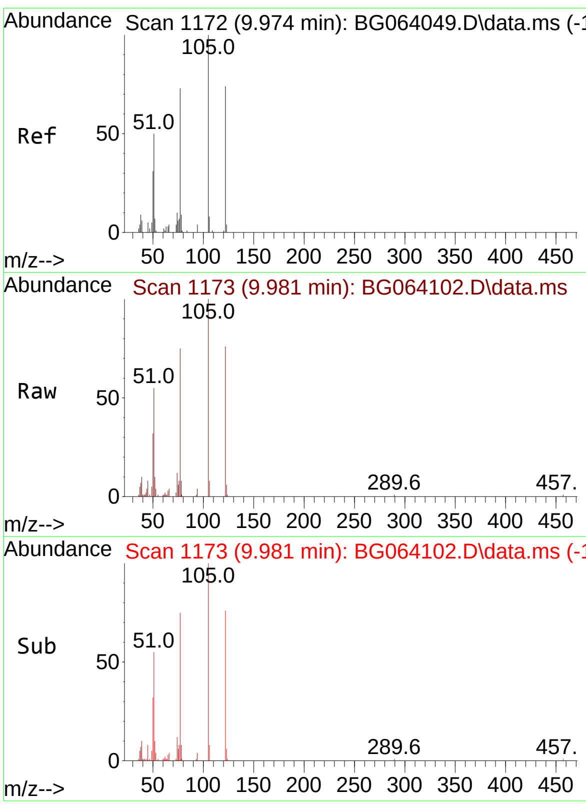


#31
Naphthalene
Concen: 56.802 ng
RT: 10.704 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:128 Resp: 47492

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.4	12.6
127	14.4	11.1	16.7

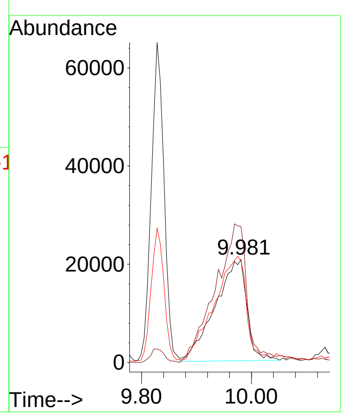




#32
Benzoic acid
Concen: 52.629 ng
RT: 9.981 min Scan# 1173
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:122 Resp: 82947

Ion	Ratio	Lower	Upper
122	100		
105	132.0	115.0	155.0
77	98.5	80.9	120.9



Instrument :
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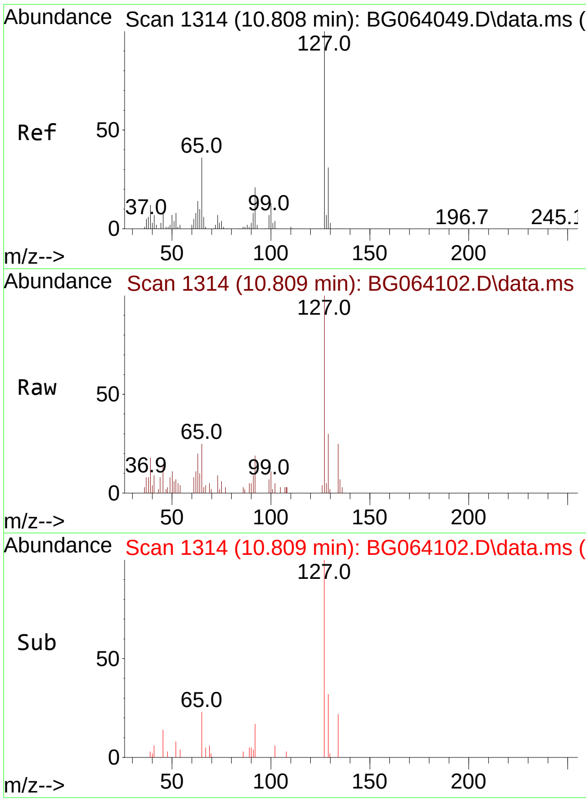
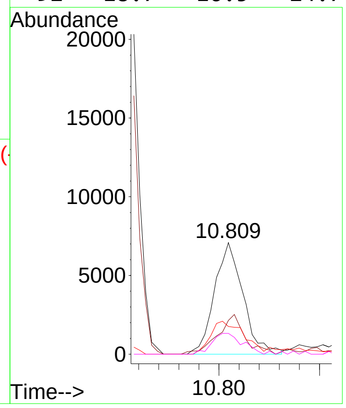
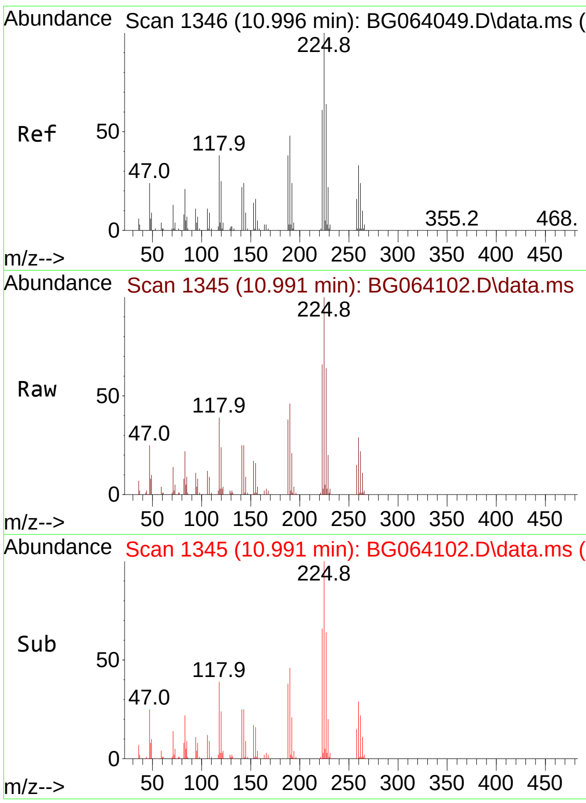


#33
4-Chloroaniline
Concen: 4.572 ng
RT: 10.809 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:127 Resp: 1397

Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.0	37.4
65	24.8	28.5	42.7#
92	18.7	16.5	24.7

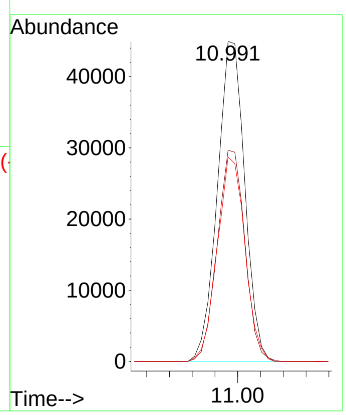




#34
Hexachlorobutadiene
Concen: 44.692 ng
RT: 10.991 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:225 Resp: 75178

Ion	Ratio	Lower	Upper
225	100		
223	66.0	48.5	72.7
227	67.2	51.0	76.6



Instrument :
BNA_G
ClientSampleId :
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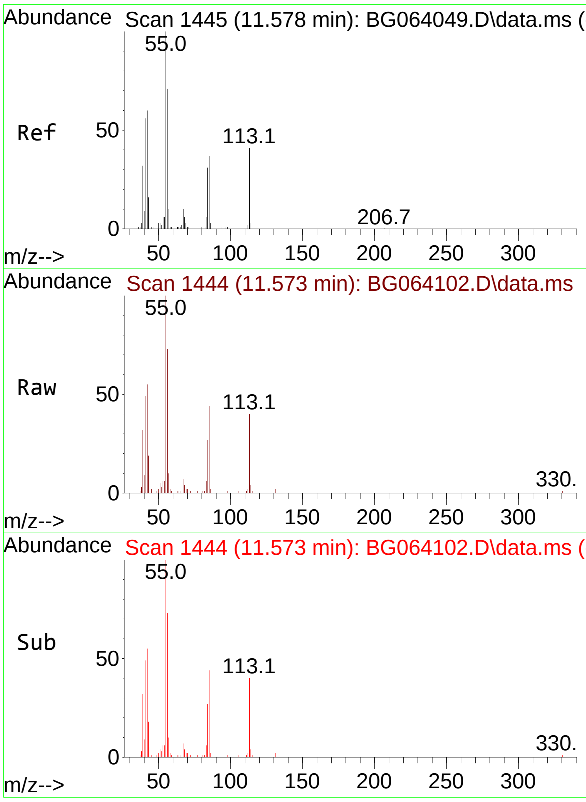
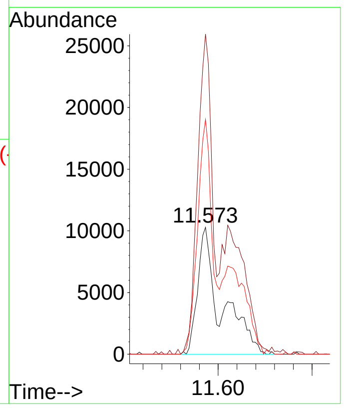
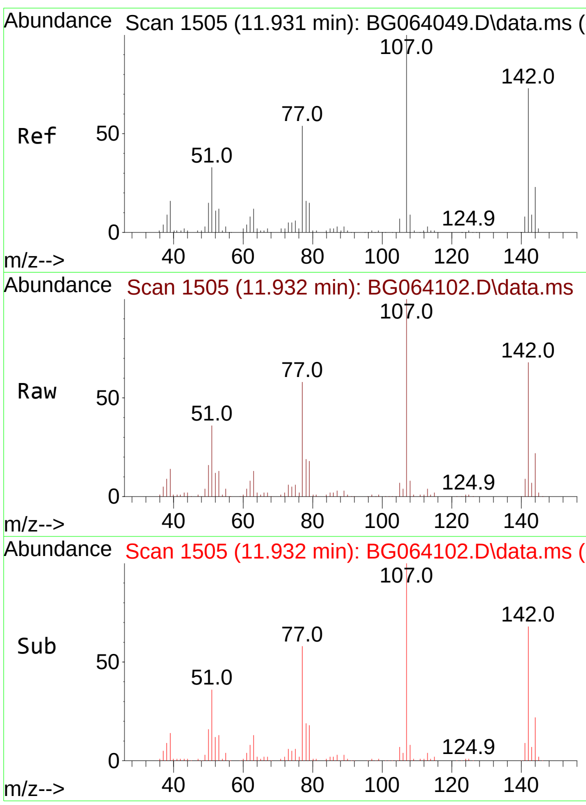


#35
Caprolactam
Concen: 43.678 ng m
RT: 11.573 min Scan# 14
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:113 Resp: 35581

Ion	Ratio	Lower	Upper
113	100		
55	252.3	225.2	265.2
56	185.0	153.4	193.4

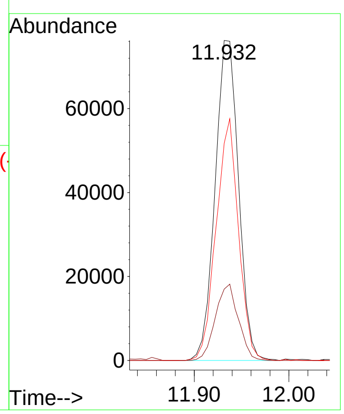




#36
4-Chloro-3-methylphenol
Concen: 47.191 ng
RT: 11.932 min Scan# 1505
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:107 Resp: 131503

Ion	Ratio	Lower	Upper
107	100		
144	22.3	18.6	28.0
142	67.8	58.0	87.0



Instrument :
BNA_G
ClientSampleId :
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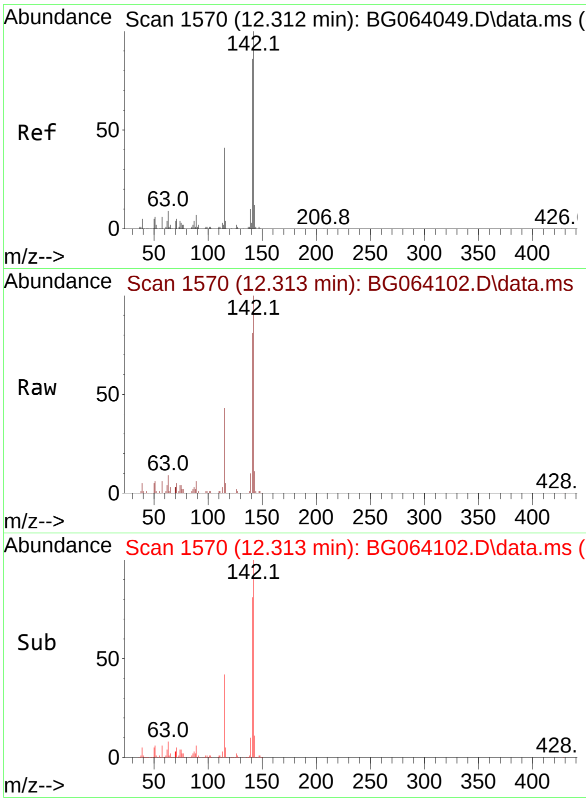
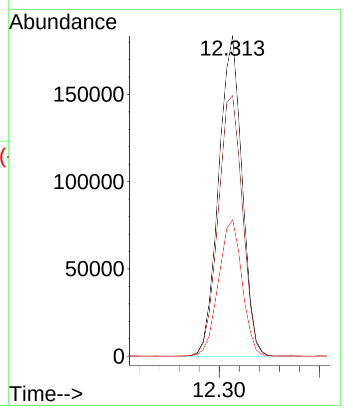
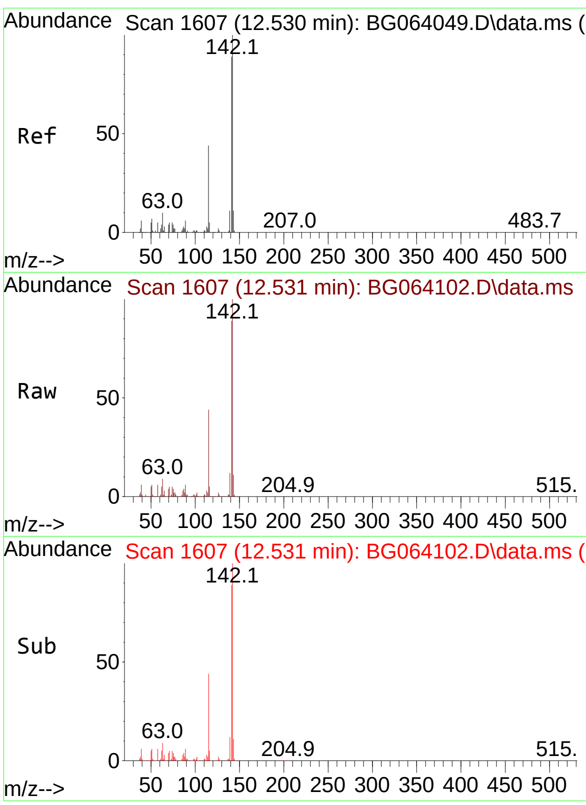
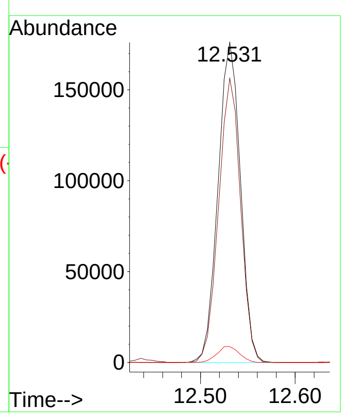



```
#37
2-Methylnaphthalene
Concen:   50.329 ng
RT:  12.313 min  Scan# 1!
Delta R.T.  0.001 min
Lab File:   BG064102.D
Acq: 11 Mar 2025  19:20

Tgt Ion:142 Resp:  29707!
Ion  Ratio  Lower  Upper
142  100
141   81.4   68.6  103.0
115   42.6   32.8   49.2
```






```
#38
1-Methylnaphthalene
Concen:   50.084 ng
RT:  12.531 min  Scan# 1607
Delta R.T.  0.001 min
Lab File:   BG064102.D
Acq: 11 Mar 2025  19:20

Tgt Ion:142 Resp:  289622
Ion  Ratio  Lower  Upper
142  100
141   88.8   71.2  106.8
116    5.0    3.6    5.4
```



Instrument :
BNA_G
ClientSampleId :
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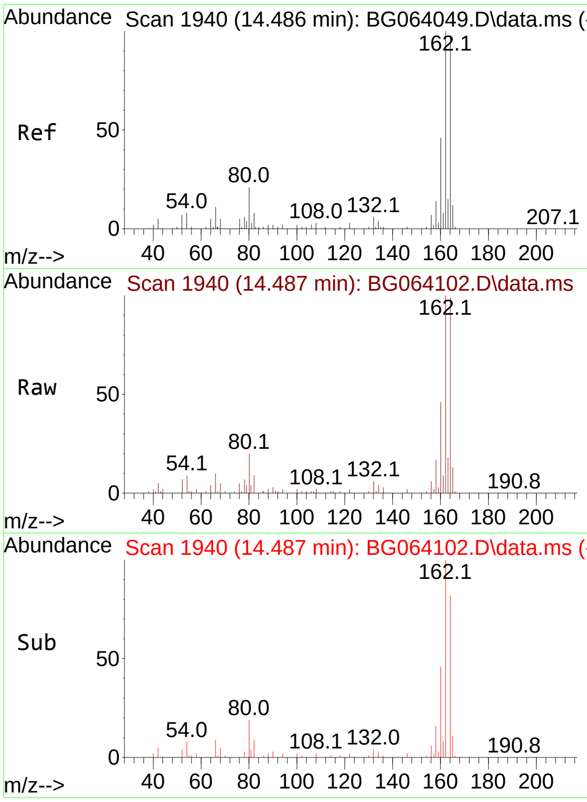
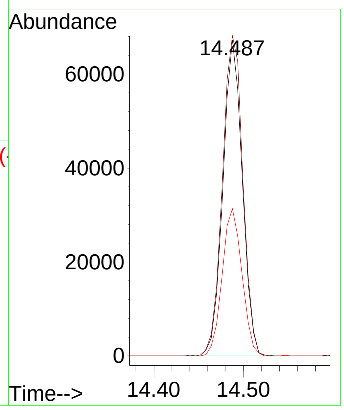
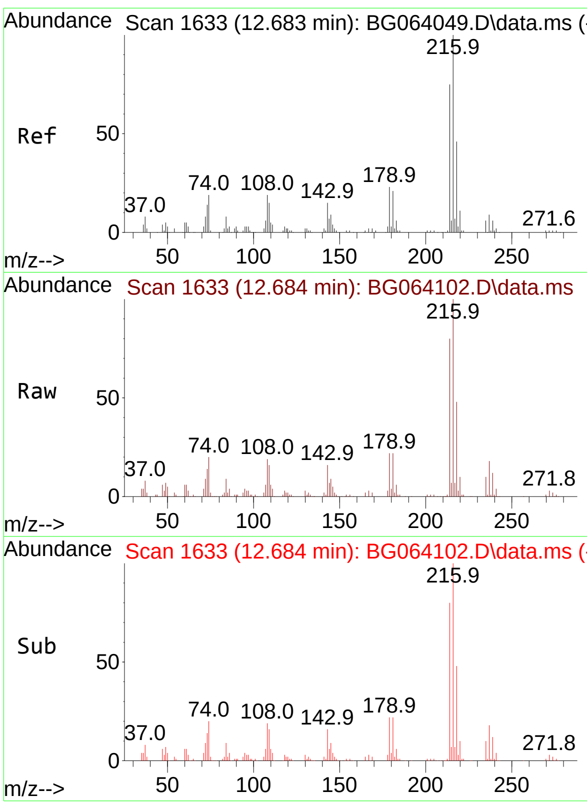
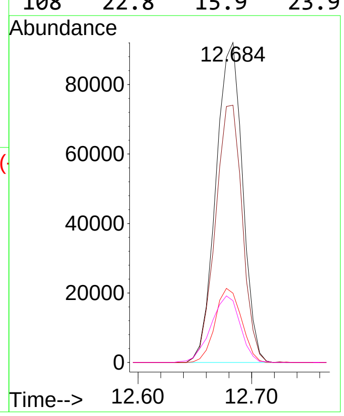


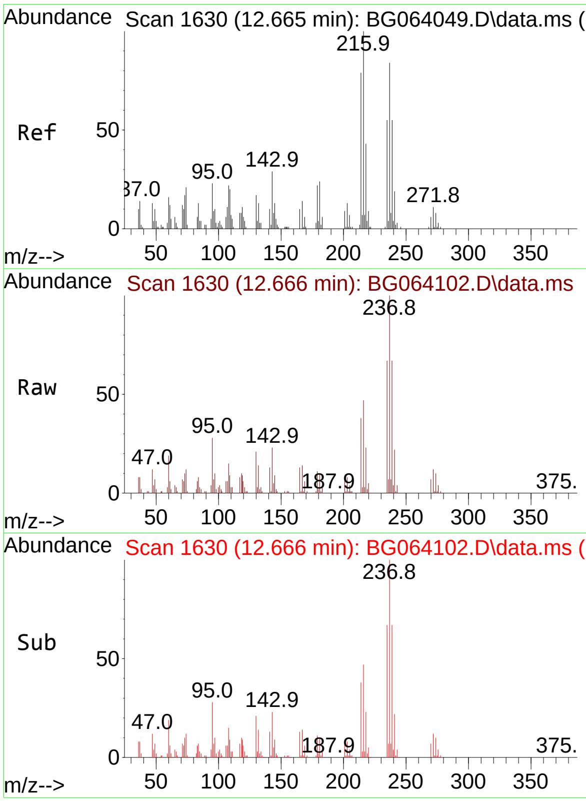

```
#39
Acenaphthene-d10
Concen:   20.000 ng
RT:  14.487 min  Scan# 1
Delta R.T.  0.001 min
Lab File:   BG064102.D
Acq: 11 Mar 2025  19:20

Tgt Ion:164 Resp:  10078
Ion  Ratio  Lower  Upper
164  100
162  101.2   81.4  122.0
160   46.6   37.0   55.6
```






```
#40
1,2,4,5-Tetrachlorobenzene
Concen:   52.330 ng
RT:  12.684 min  Scan# 1633
Delta R.T.  0.001 min
Lab File:   BG064102.D
Acq: 11 Mar 2025  19:20

Tgt Ion:216 Resp:  150573
Ion  Ratio  Lower  Upper
216  100
214   81.2   61.7   92.5
179   22.9   17.9   26.9
108   22.8   15.9   23.9
```





#41
Hexachlorocyclopentadiene
Concen: 165.447 ng
RT: 12.666 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:237 Resp: 13398

Ion	Ratio	Lower	Upper
237	100		
235	67.1	46.0	86.0
272	11.5	0.0	32.8

Instrument :
BNA_G
ClientSampleId :
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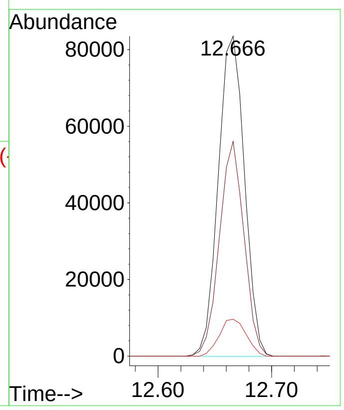
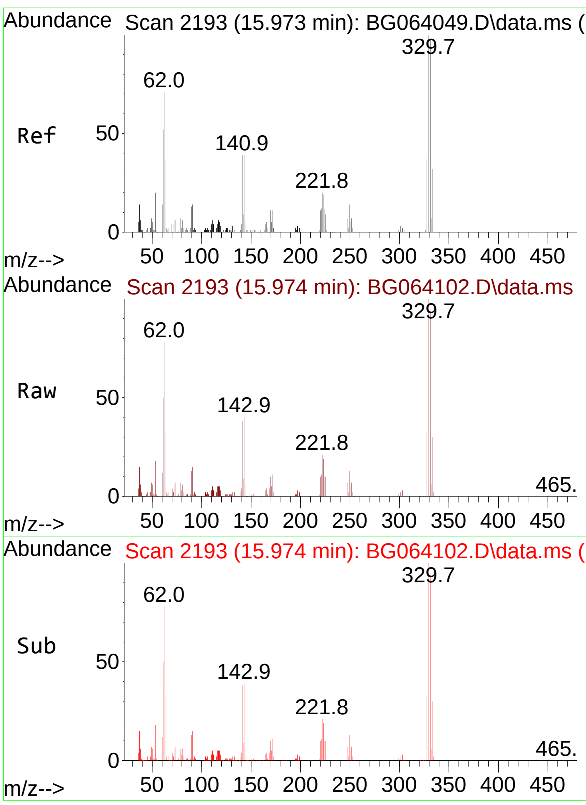
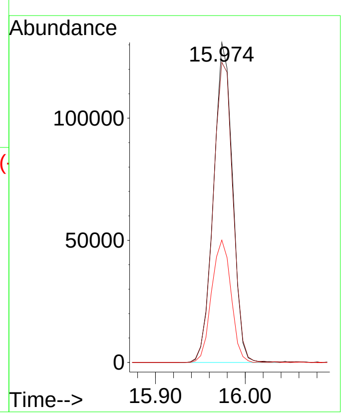




#42
2,4,6-Tribromophenol
Concen: 172.600 ng
RT: 15.974 min Scan# 2193
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:330 Resp: 193367

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.7	115.1
141	39.0	29.7	44.5



Instrument :
BNA_G
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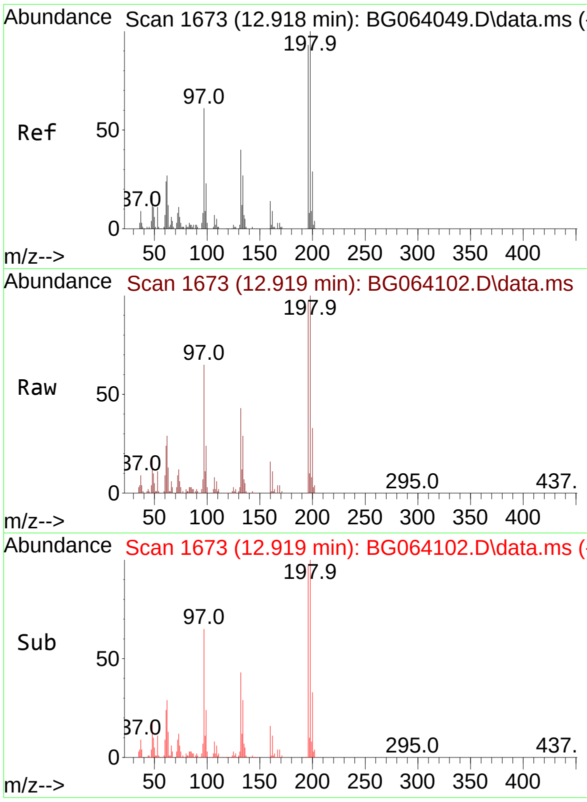
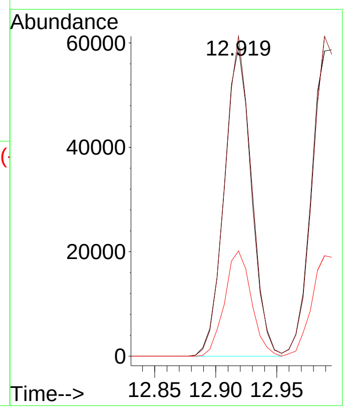
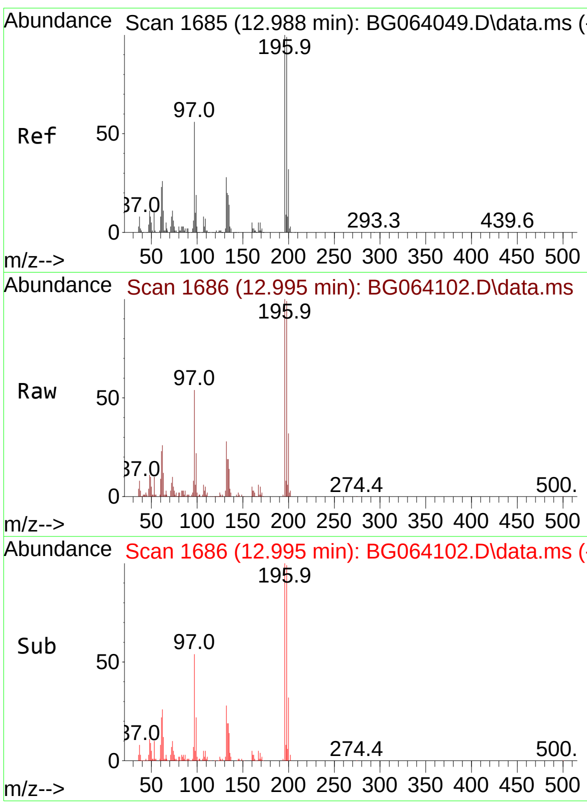


#43
2,4,6-Trichlorophenol
Concen: 54.297 ng
RT: 12.919 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:196 Resp: 9207

Ion	Ratio	Lower	Upper
196	100		
198	103.6	85.6	128.4
200	34.1	24.6	37.0

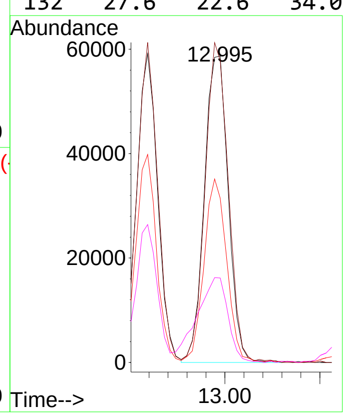


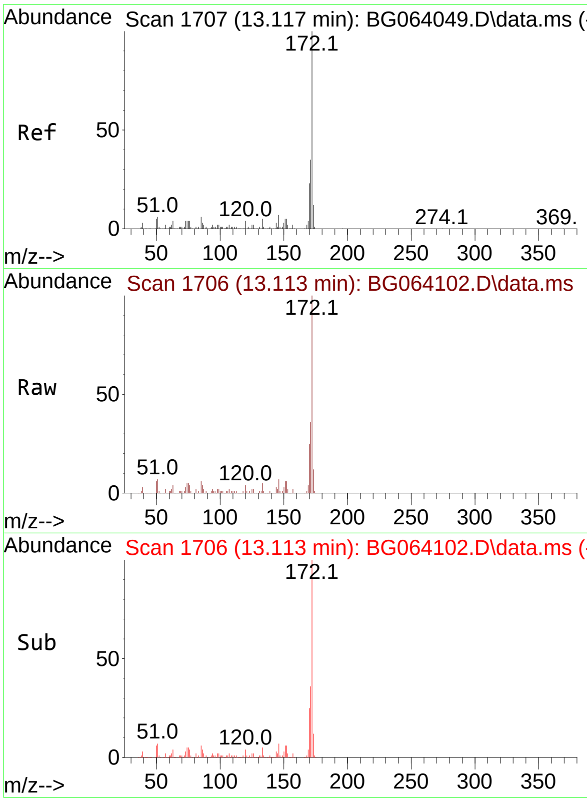


#44
2,4,5-Trichlorophenol
Concen: 54.420 ng
RT: 12.995 min Scan# 1686
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:196 Resp: 102544

Ion	Ratio	Lower	Upper
196	100		
198	98.5	79.5	119.3
97	53.6	45.2	67.8
132	27.6	22.6	34.0





#45
2-Fluorobiphenyl
Concen: 102.494 ng
RT: 13.113 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:172 Resp: 68055

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.0	42.0
170	24.9	18.7	28.1

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

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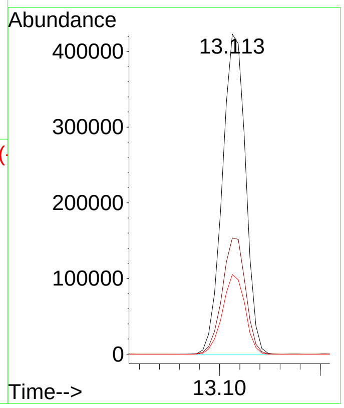
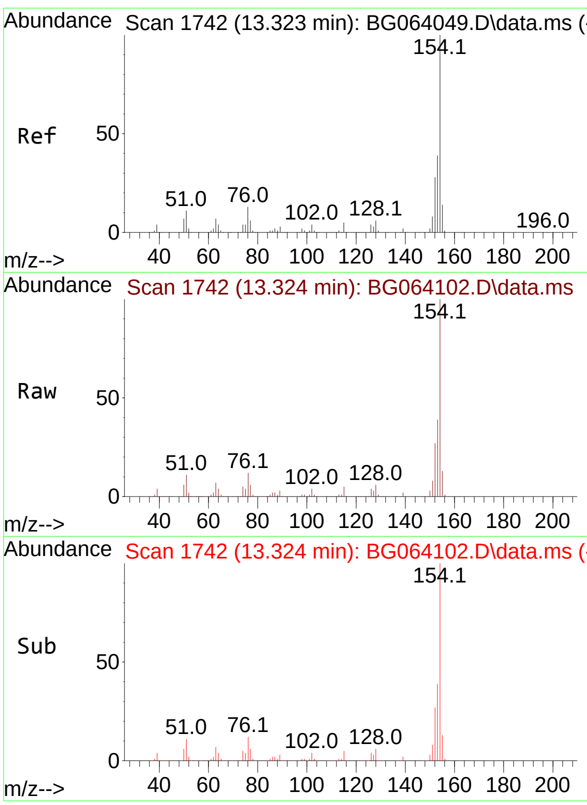
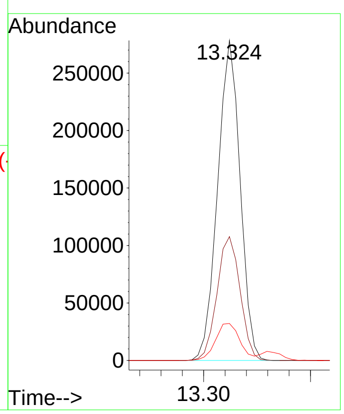




#46
1,1'-Biphenyl
Concen: 53.447 ng
RT: 13.324 min Scan# 1742
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:154 Resp: 406978

Ion	Ratio	Lower	Upper
154	100		
153	38.7	19.5	59.5
76	11.5	0.0	33.5



Sample Results: **BG064102.D**

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

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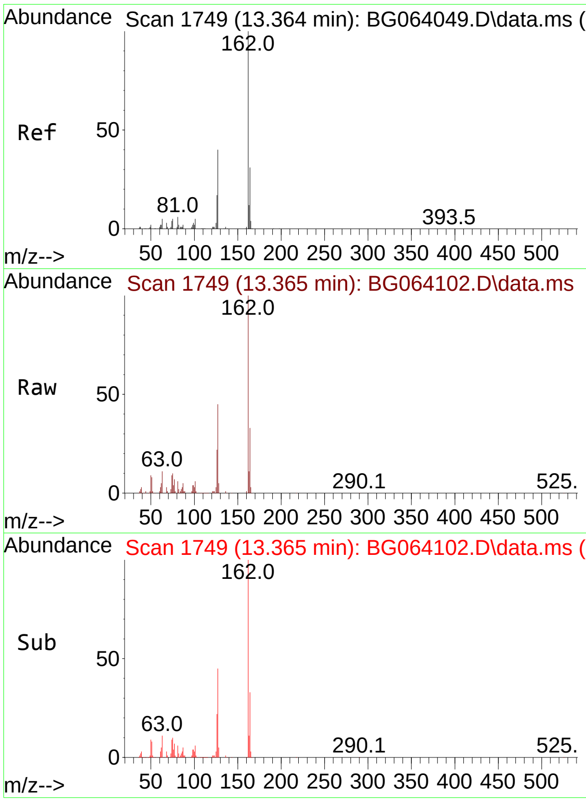
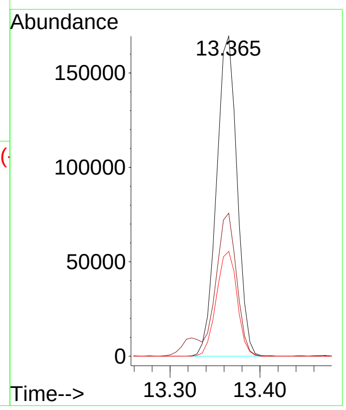
Supervised By :Jagrut Upadhyay 03/12/2025

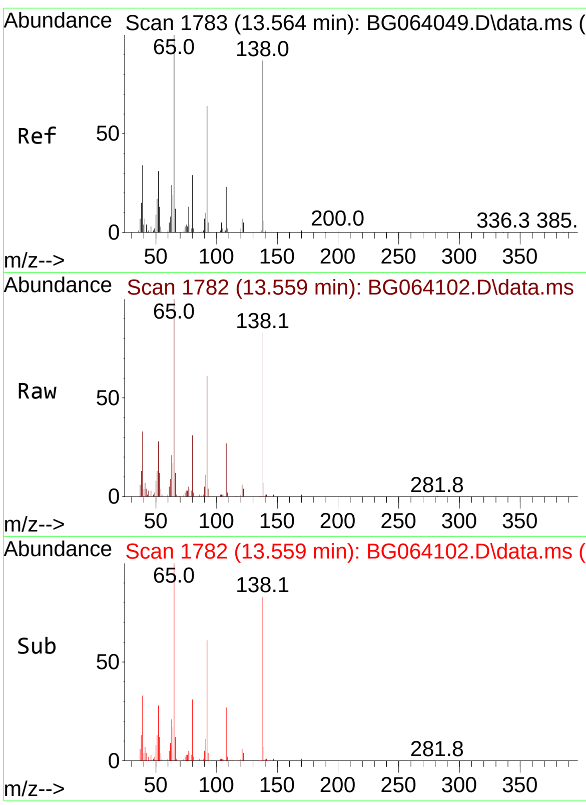


#47
2-Chloronaphthalene
Concen: 48.433 ng
RT: 13.365 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:162 Resp: 26897

Ion	Ratio	Lower	Upper
162	100		
127	44.7	35.0	52.4
164	32.7	25.0	37.6

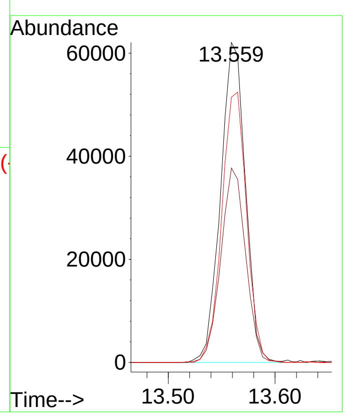


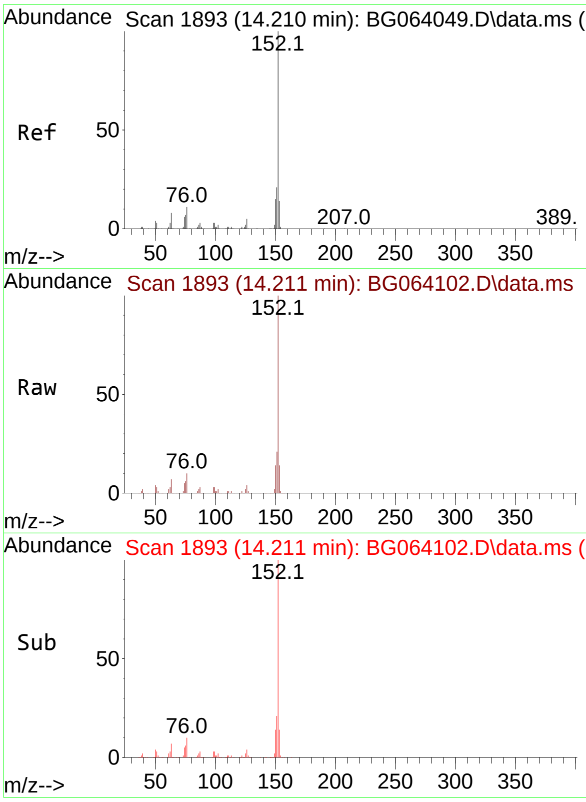


#48
2-Nitroaniline
Concen: 53.278 ng
RT: 13.559 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion: 65 Resp: 100459

Ion	Ratio	Lower	Upper
65	100		
92	60.8	51.2	76.8
138	82.9	69.4	104.2





#49
Acenaphthylene
Concen: 49.479 ng
RT: 14.211 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

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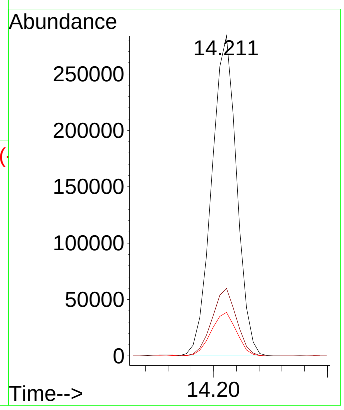
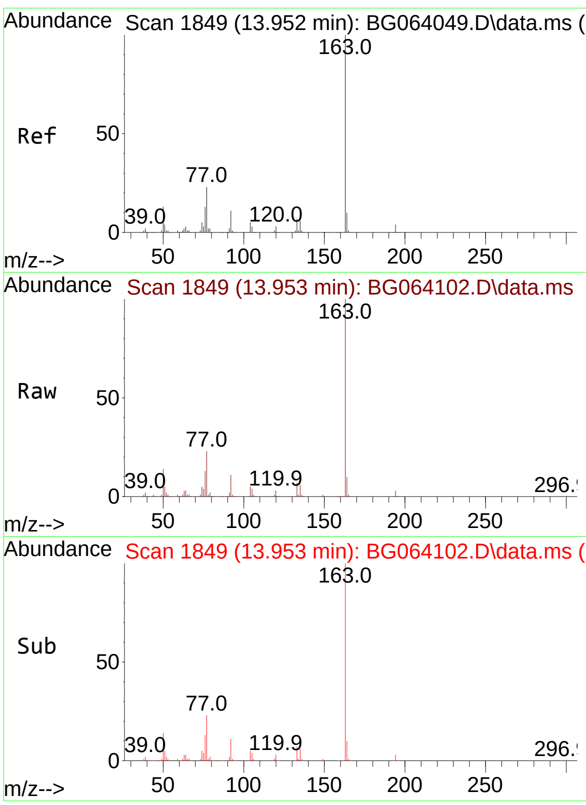
Tgt Ion:152 Resp: 434625

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.4	24.6
153	13.6	10.9	16.3

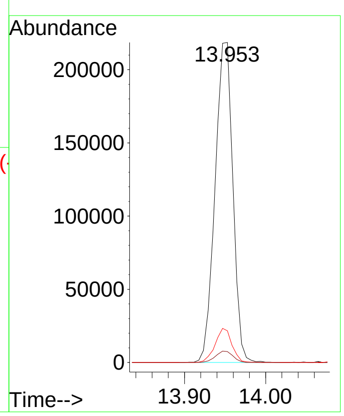


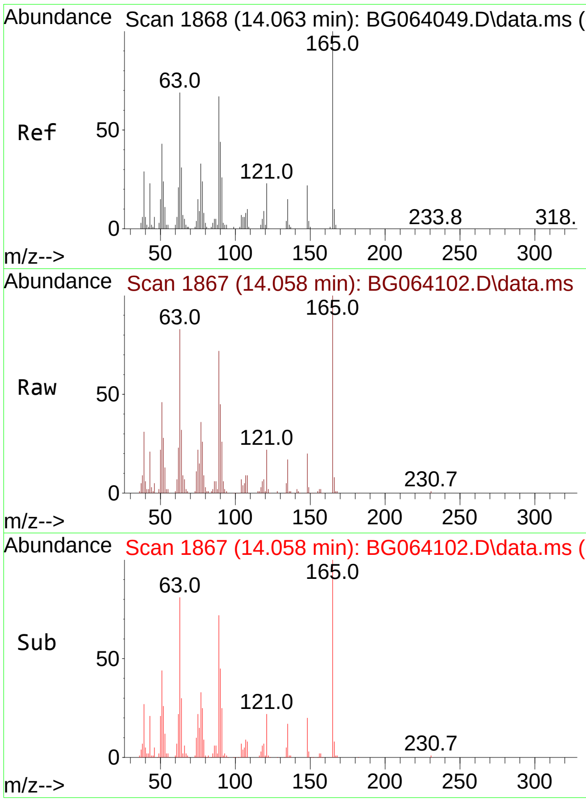


#50
Dimethylphthalate
Concen: 44.983 ng
RT: 13.953 min Scan# 1849
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:163 Resp: 334665

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	9.9	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 49.140 ng
RT: 14.058 min   Scan# 1
Delta R.T.   -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025   19:20

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

Tgt Ion:165 Resp: 7429

Ion	Ratio	Lower	Upper
165	100		
63	83.3	56.7	85.1
89	72.5	53.7	80.5

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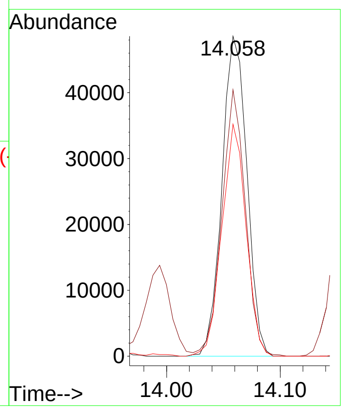
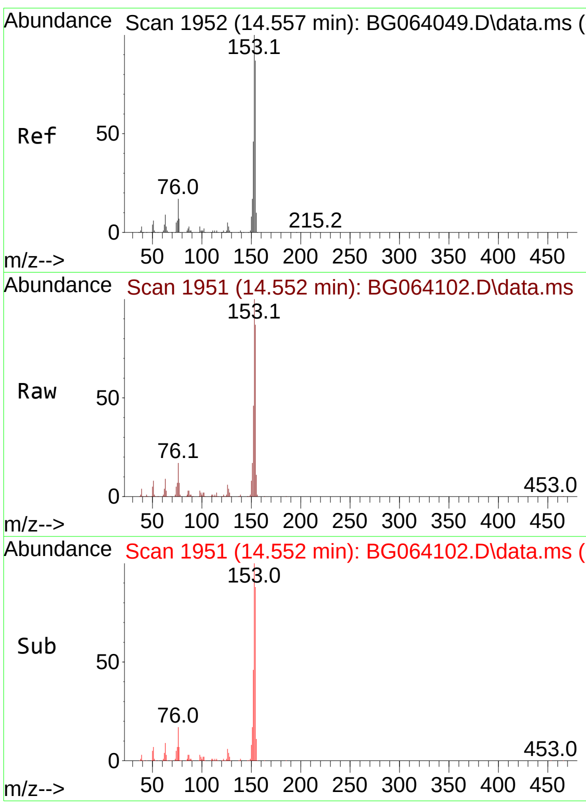
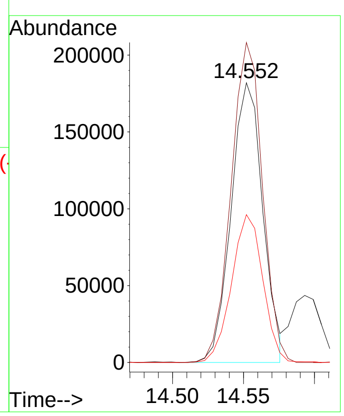




#52
Acenaphthene
Concen: 47.995 ng
RT: 14.552 min   Scan# 1951
Delta R.T.   -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025   19:20

Tgt Ion:154 Resp: 282934

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.6	137.4
152	52.9	42.5	63.7



Instrument :
BNA_G
ClientSampleId :
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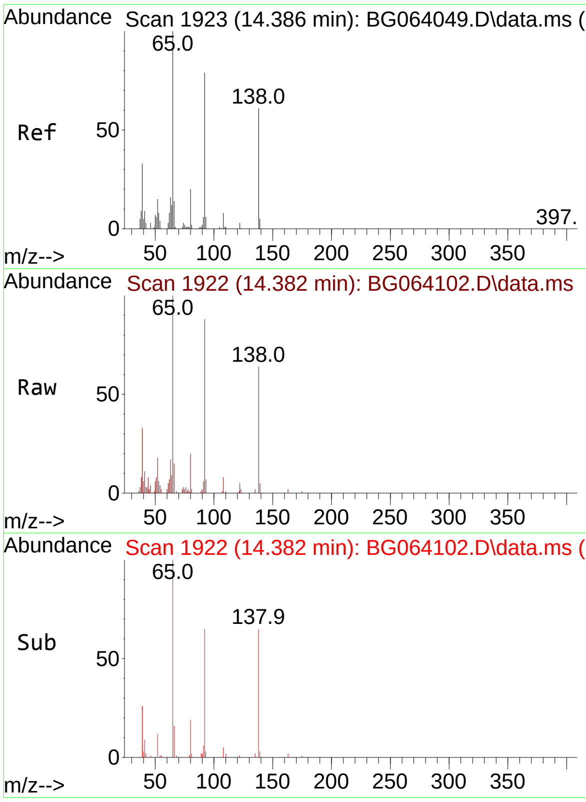
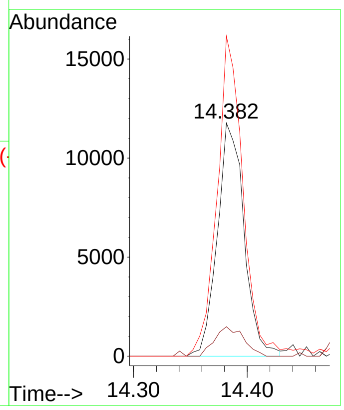
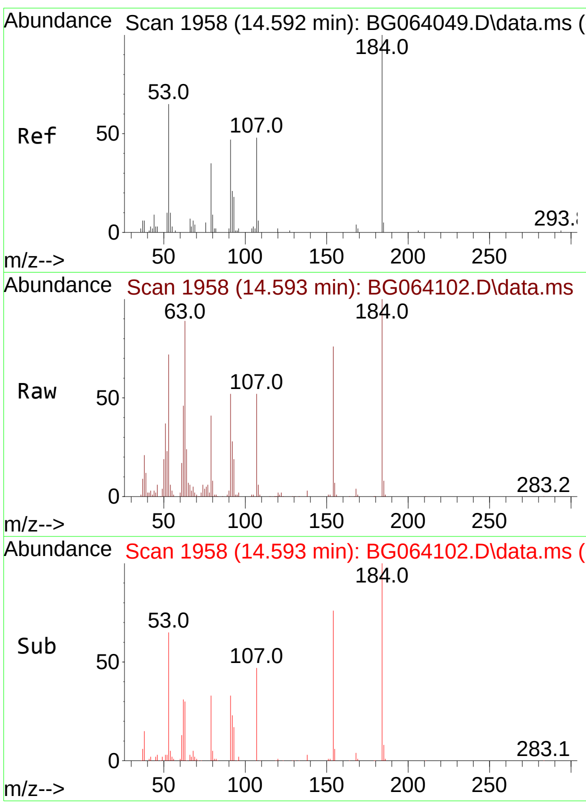


#53
3-Nitroaniline
Concen: 13.383 ng
RT: 14.382 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:138 Resp: 1924

Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.1	15.1
92	137.3	104.1	156.1

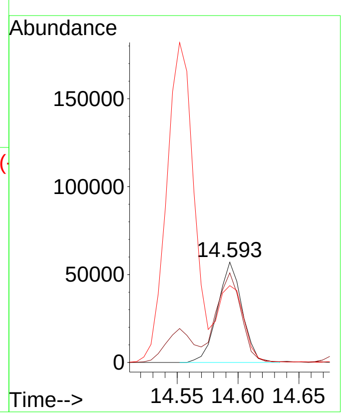


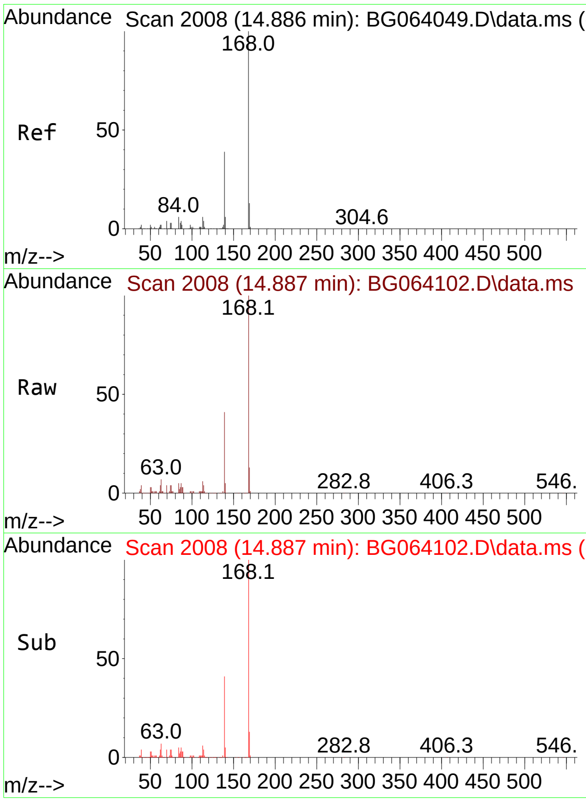


#54
2,4-Dinitrophenol
Concen: 122.845 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:184 Resp: 80253

Ion	Ratio	Lower	Upper
184	100		
63	89.3	57.5	86.3#
154	76.5	52.3	78.5

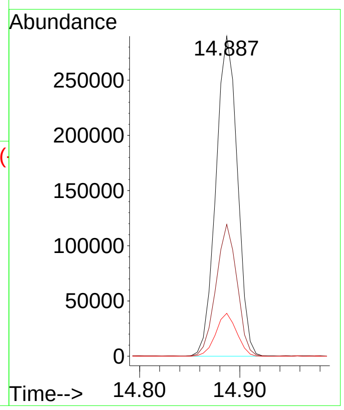




#55
Dibenzofuran
Concen: 45.276 ng
RT: 14.887 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:168 Resp: 43238

Ion	Ratio	Lower	Upper
168	100		
139	41.2	31.1	46.7
169	13.4	10.5	15.7



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

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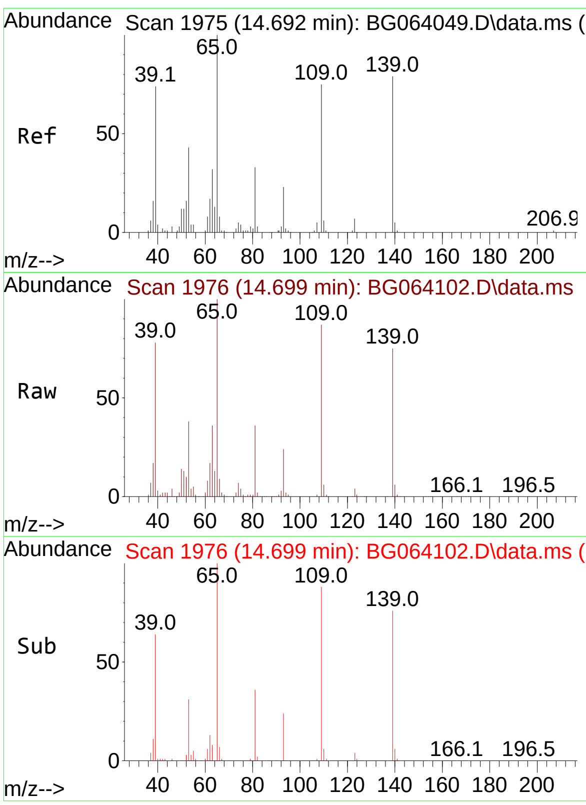
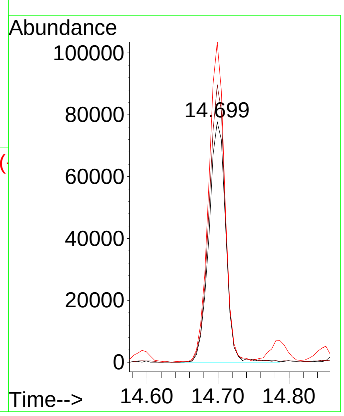


#56
4-Nitrophenol
Concen: 106.127 ng
RT: 14.699 min Scan# 1976
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:139 Resp: 127982

Ion	Ratio	Lower	Upper
139	100		
109	115.3	74.9	114.9#
65	133.2	106.8	146.8



Sample Results: **BG064102.D**

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

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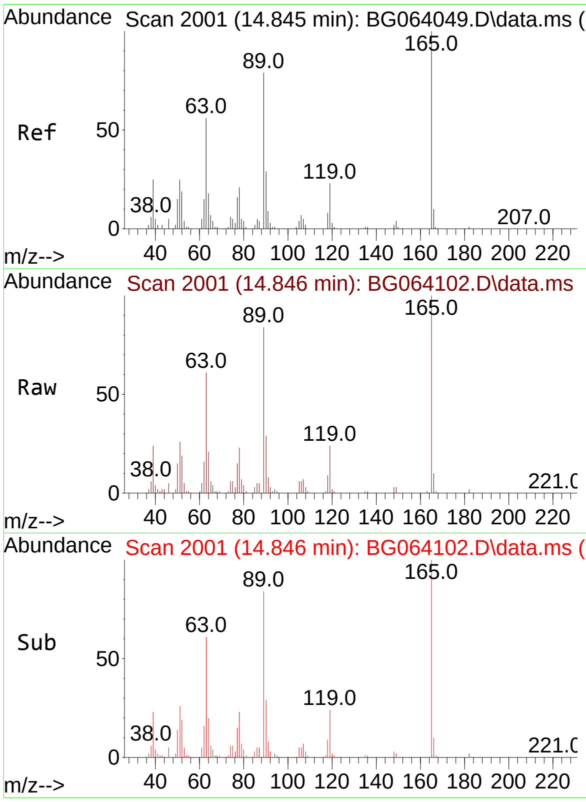
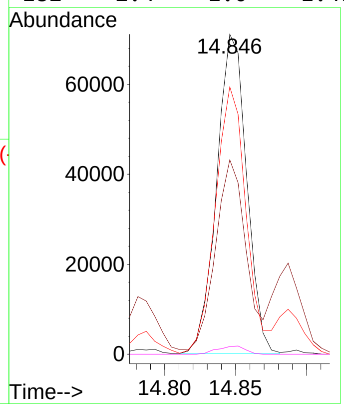
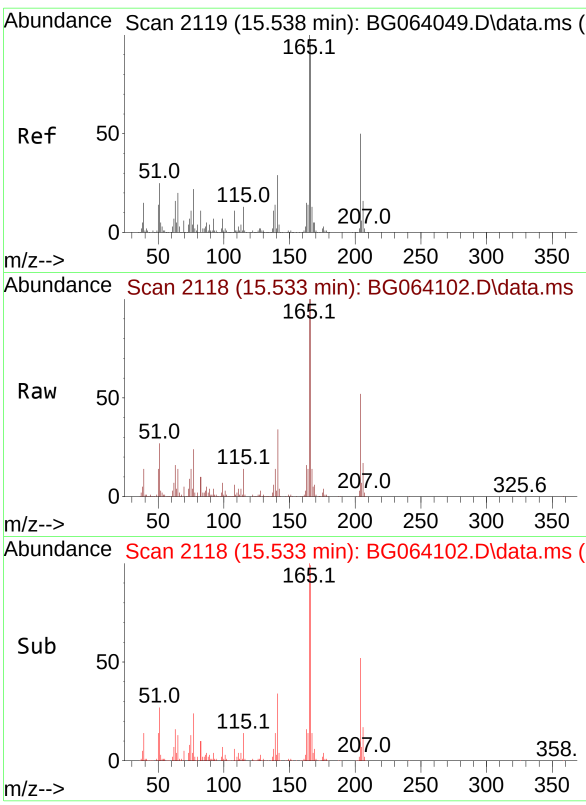


#57
2,4-Dinitrotoluene
Concen: 49.924 ng
RT: 14.846 min Scan# 20
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:165 Resp: 10430

Ion	Ratio	Lower	Upper
165	100		
63	60.8	45.0	67.6
89	83.5	63.1	94.7
182	2.4	1.0	1.4#

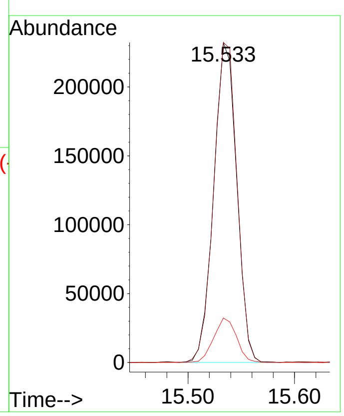


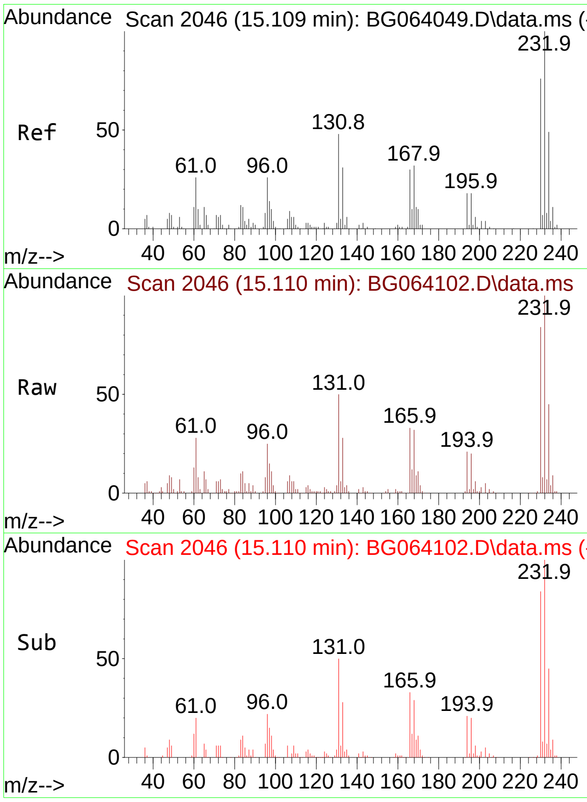


#58
Fluorene
Concen: 46.822 ng
RT: 15.533 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:166 Resp: 348267

Ion	Ratio	Lower	Upper
166	100		
165	100.1	81.8	122.8
167	13.9	10.8	16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.302 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

Tgt Ion:232 Resp: 9608

Ion	Ratio	Lower	Upper
232	100		
131	47.1	36.3	54.5
130	3.2	1.9	2.9
166	32.1	22.8	34.2

Manual Integrations
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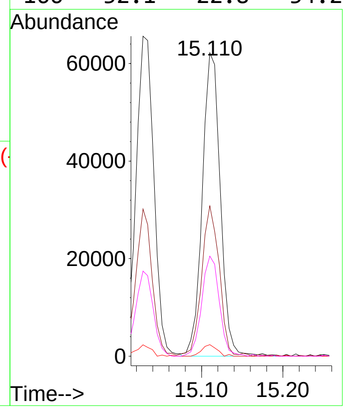
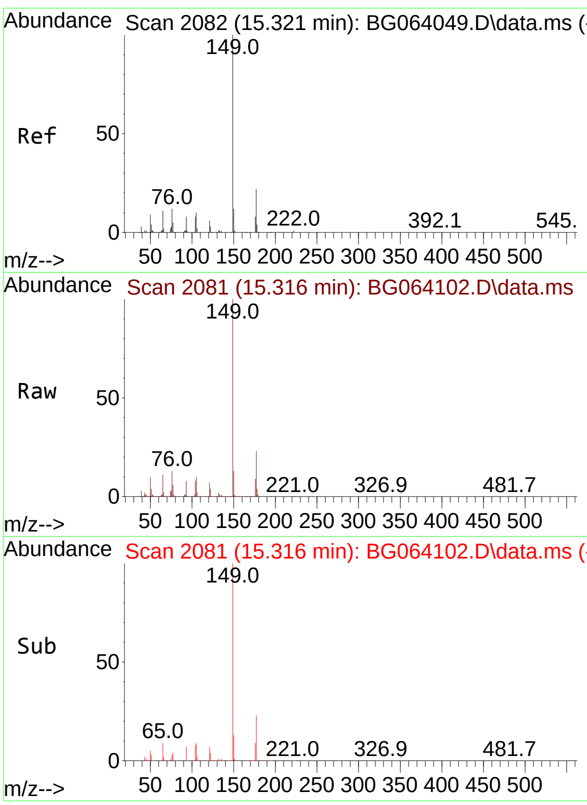
Supervised By :Jagrut Upadhyay 03/12/2025

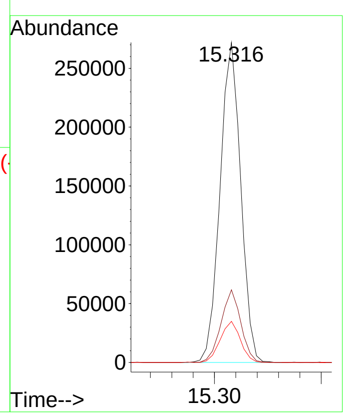


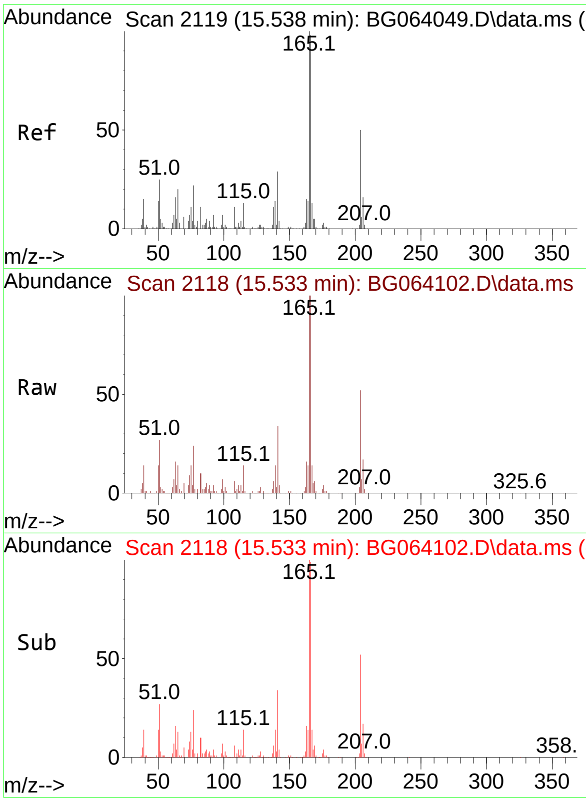


#60
Diethylphthalate
Concen: 45.304 ng
RT: 15.316 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:149 Resp: 365904

Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.4	26.2
150	12.8	9.4	14.2





#61
4-Chlorophenyl-phenylether
Concen: 45.967 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

Tgt Ion:204 Resp: 16990

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.5	38.3
141	66.4	45.4	68.0

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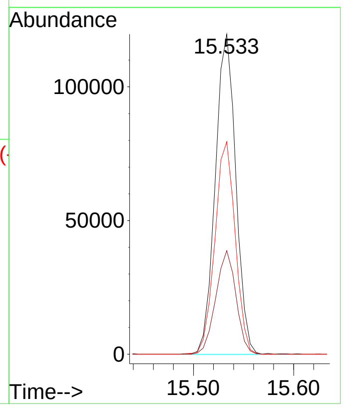
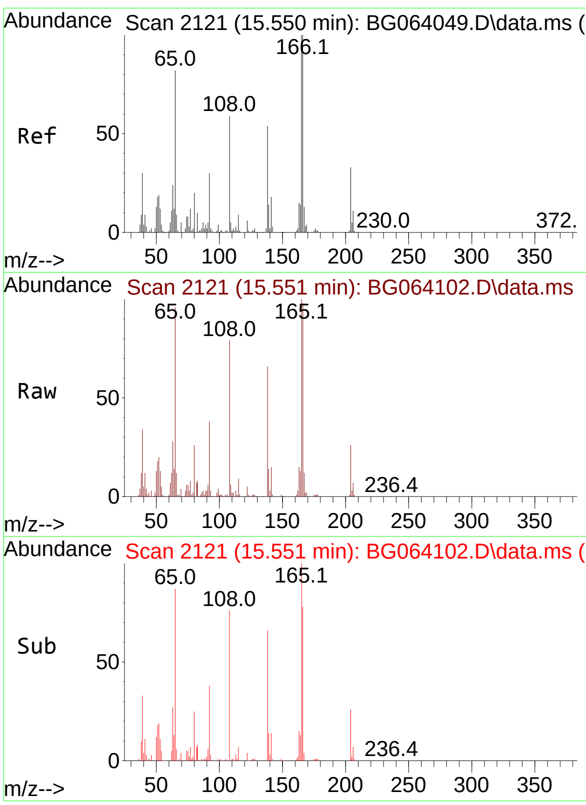
Supervised By :Jagrut Upadhyay 03/12/2025

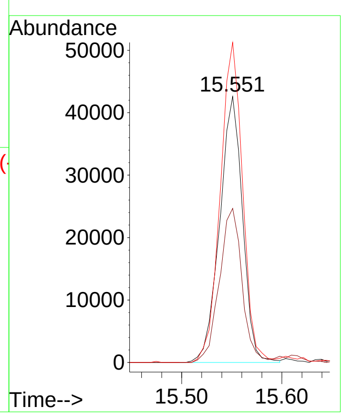


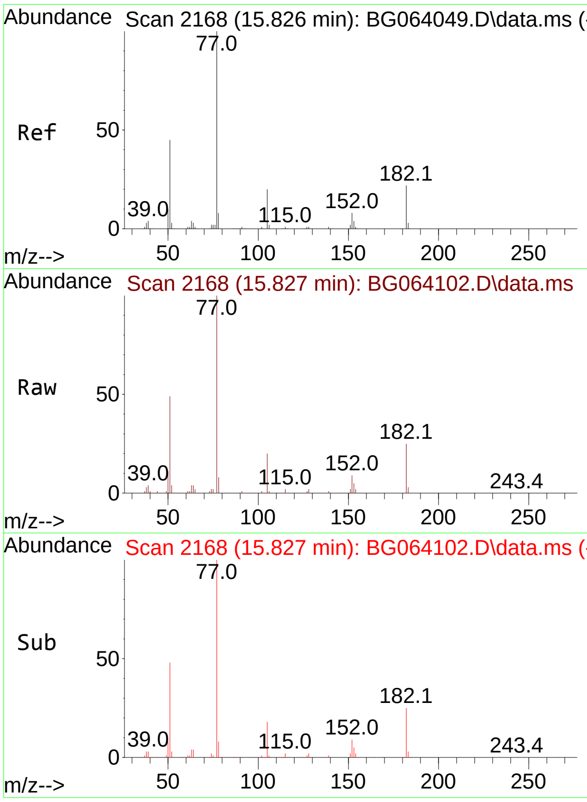


#62
4-Nitroaniline
Concen: 43.548 ng
RT: 15.551 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:138 Resp: 67605

Ion	Ratio	Lower	Upper
138	100		
92	57.9	36.1	76.1
108	120.3	87.9	127.9






```
#63
Azobenzene
Concen:   43.029 ng
RT:  15.827 min  Scan# 2
Delta R.T.  0.001 min
Lab File:   BG064102.D
Acq: 11 Mar 2025  19:20

Tgt Ion: 77 Resp:  37085(
Ion  Ratio  Lower  Upper
 77  100
182   24.5    2.4   42.4
105   20.4    0.0   40.0
 51   48.5   24.9   64.9
```

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

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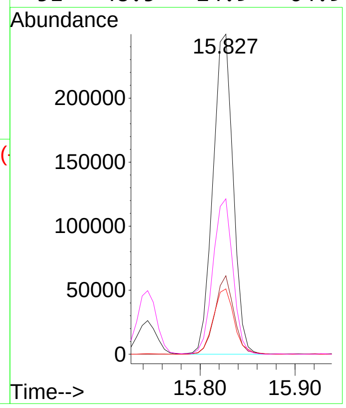
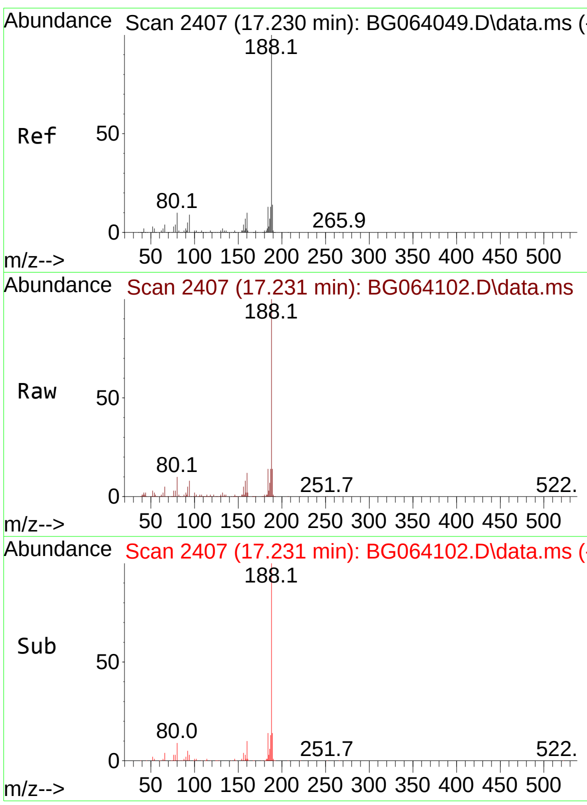
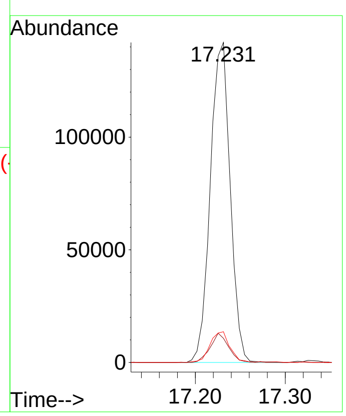





```
#64
Phenanthrene-d10
Concen:   20.000 ng
RT:  17.231 min  Scan# 2407
Delta R.T.  0.001 min
Lab File:   BG064102.D
Acq: 11 Mar 2025  19:20

Tgt Ion:188 Resp:  218138
Ion  Ratio  Lower  Upper
188  100
 94    7.5    6.9   10.3
 80    9.6    8.1   12.1
```



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

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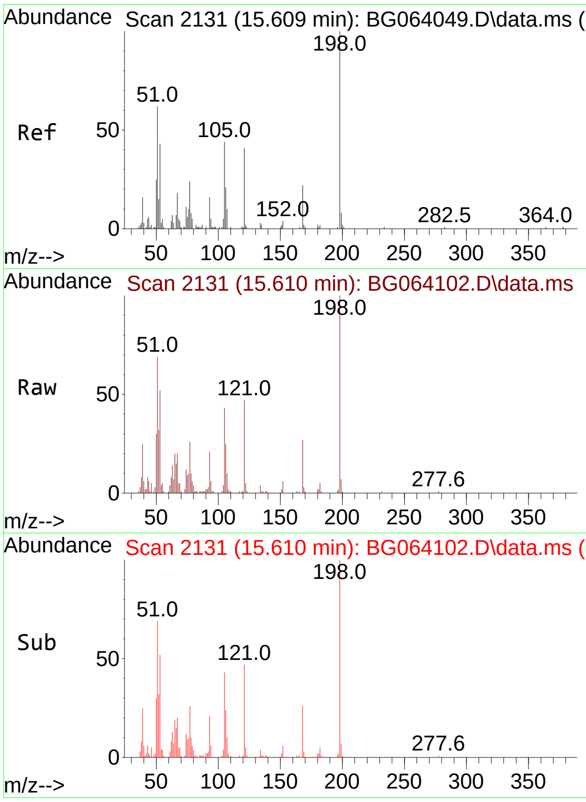
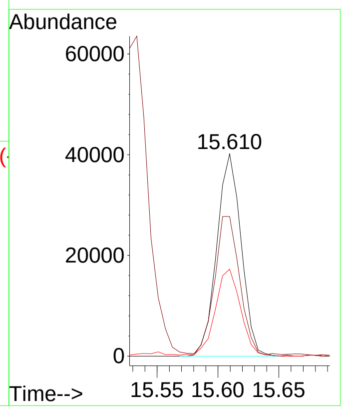
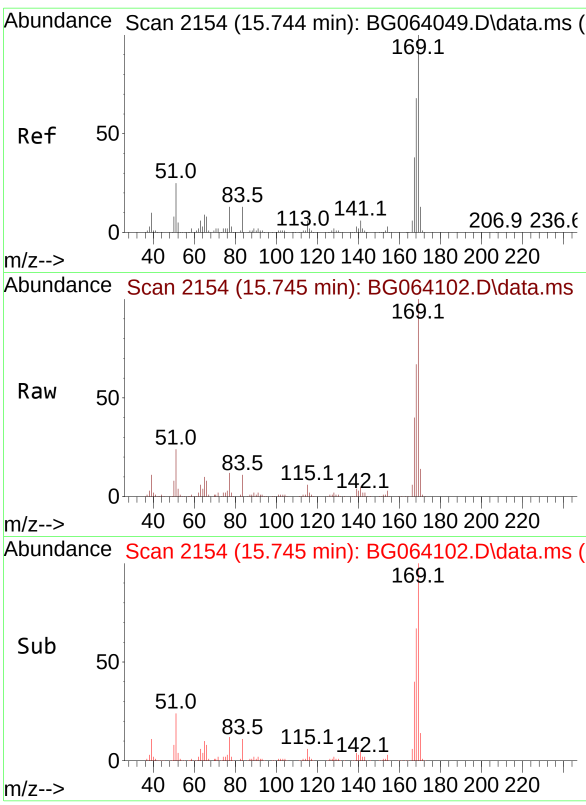


#65
4,6-Dinitro-2-methylphenol
Concen: 57.512 ng
RT: 15.610 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:198 Resp: 5603

Ion	Ratio	Lower	Upper
198	100		
51	69.0	45.6	85.6
105	43.0	25.3	65.3

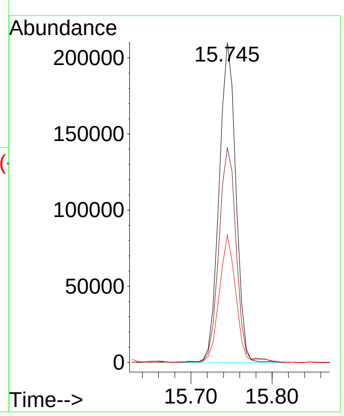


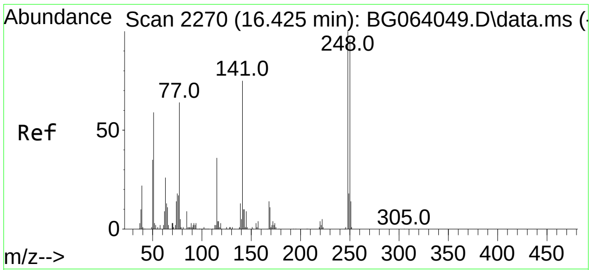


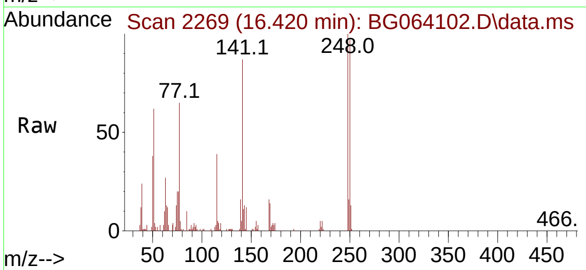
#66
n-Nitrosodiphenylamine
Concen: 48.885 ng
RT: 15.745 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

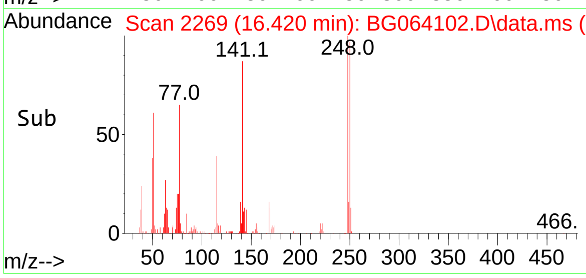
Tgt Ion:169 Resp: 301849

Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.1	81.1
167	39.9	30.3	45.5





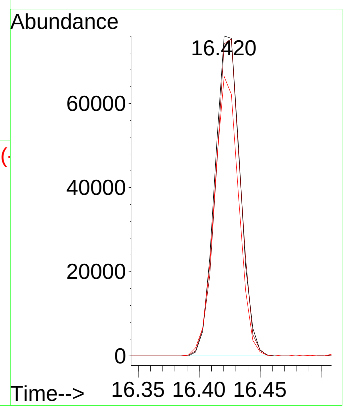




#67
4-Bromophenyl-phenylether
Concen: 49.329 ng
RT: 16.420 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:248 Resp: 110208

Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.1	115.7
141	87.3	59.8	89.8



Instrument :
BNA_G
ClientSampleId :
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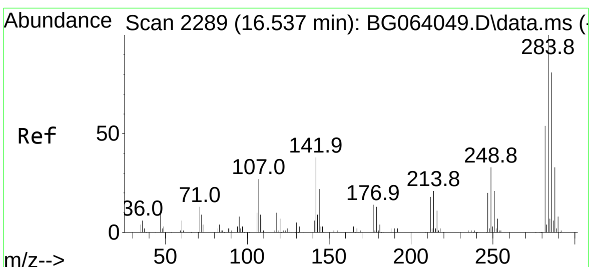
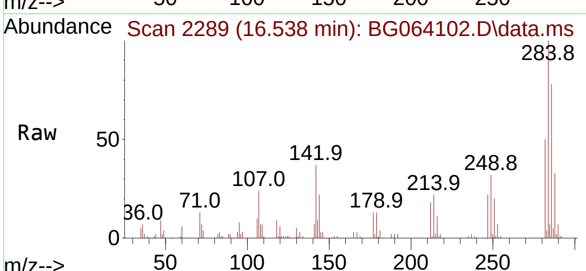
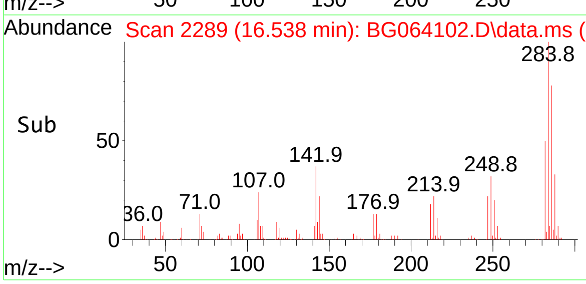


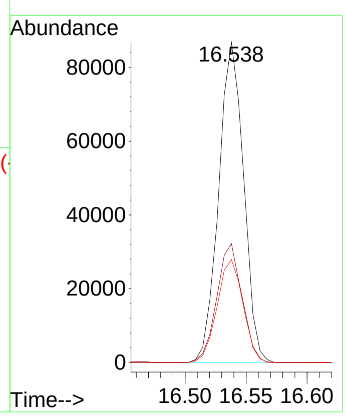


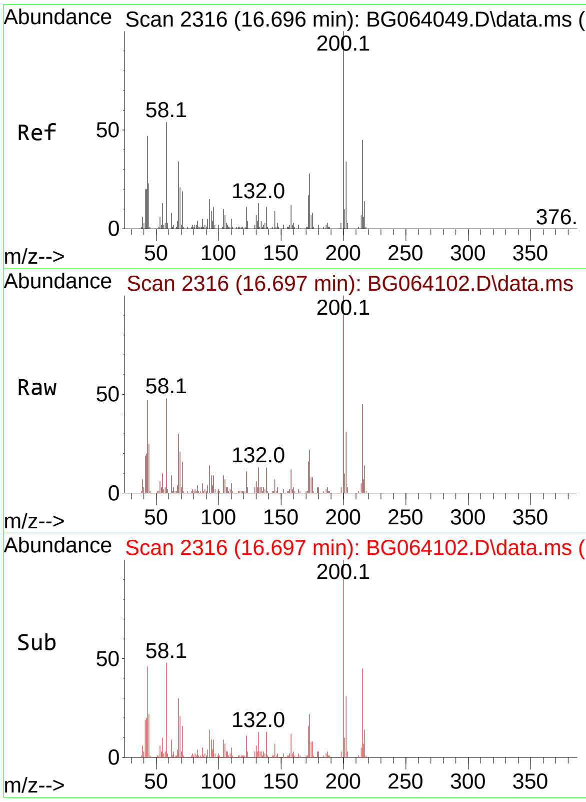


#68
Hexachlorobenzene
Concen: 49.270 ng
RT: 16.538 min Scan# 2289
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:284 Resp: 123234

Ion	Ratio	Lower	Upper
284	100		
142	37.1	30.6	45.8
249	32.2	26.6	39.8





#69
Atrazine
Concen: 64.850 ng
RT: 16.697 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

Tgt Ion:200 Resp: 11781

Ion	Ratio	Lower	Upper
200	100		
173	21.9	8.2	48.2
215	44.8	25.5	65.5

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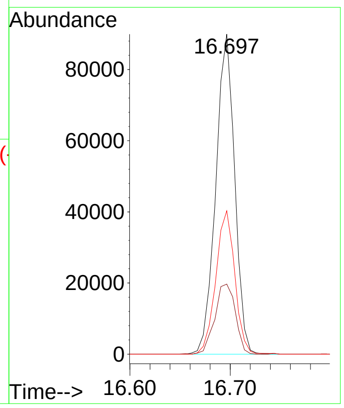
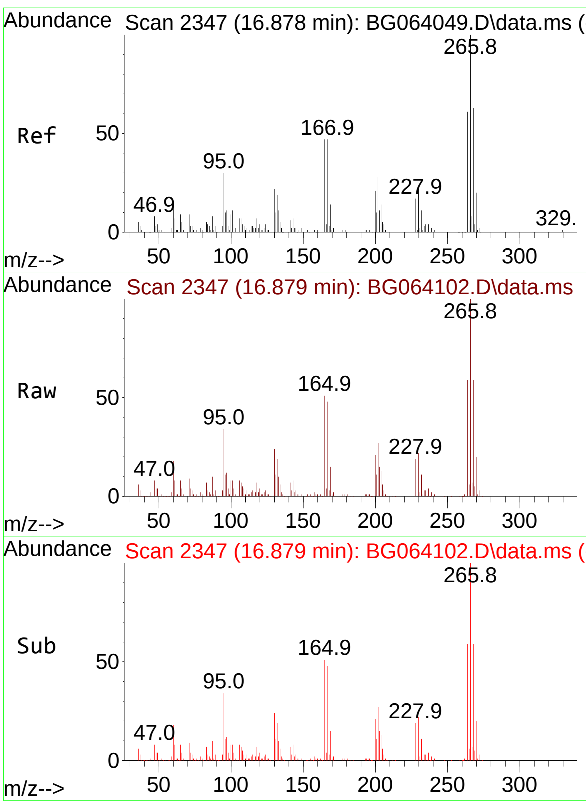
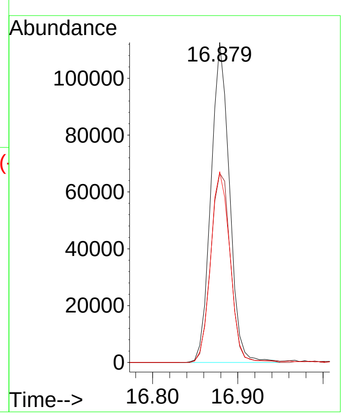




#70
Pentachlorophenol
Concen: 109.773 ng
RT: 16.879 min Scan# 2347
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:266 Resp: 170476

Ion	Ratio	Lower	Upper
266	100		
268	59.1	50.2	75.4
264	59.5	48.9	73.3



Instrument :
BNA_G
ClientSampleId :
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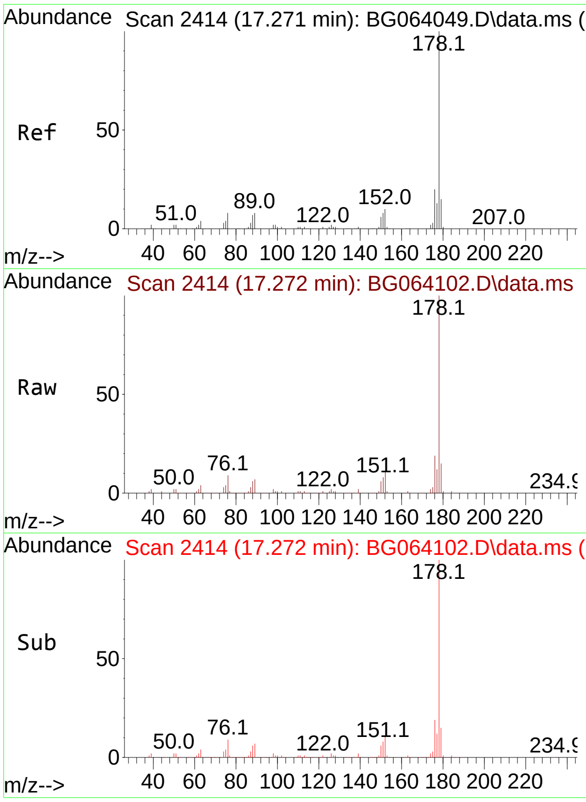
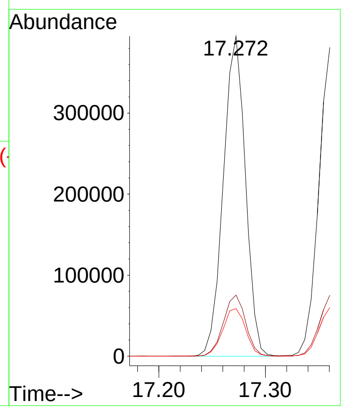
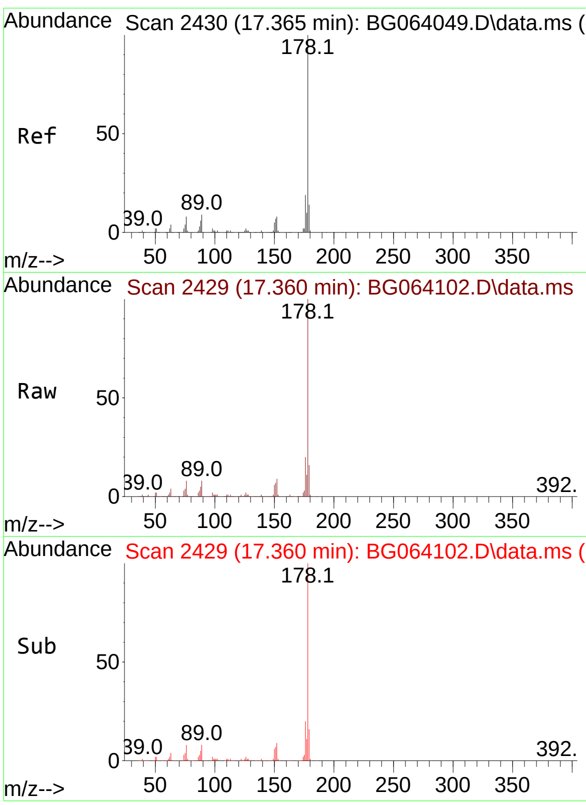


#71
Phenanthrene
Concen: 48.987 ng
RT: 17.272 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:178 Resp: 56996

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	14.8	12.2	18.2

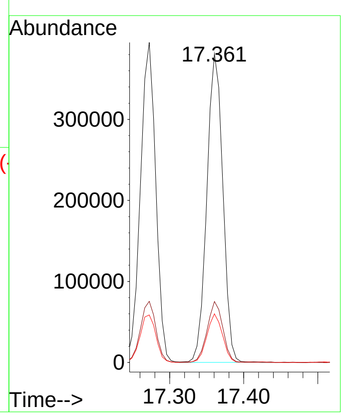




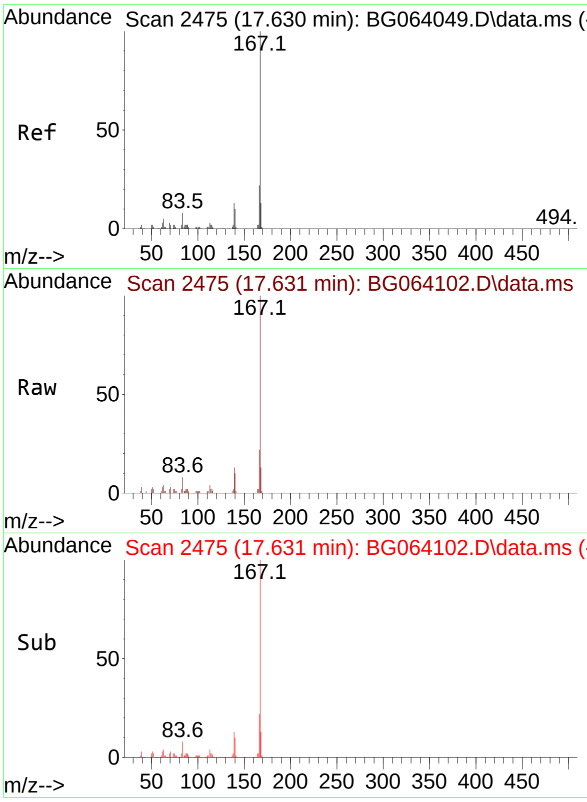
#72
Anthracene
Concen: 49.607 ng
RT: 17.360 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:178 Resp: 573917

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.8	22.2
179	15.7	11.5	17.3



Sample Results: **BG064102.D**



#73
Carbazole
Concen: 48.492 ng
RT: 17.631 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Instrument :
BNA_G
ClientSampleId :
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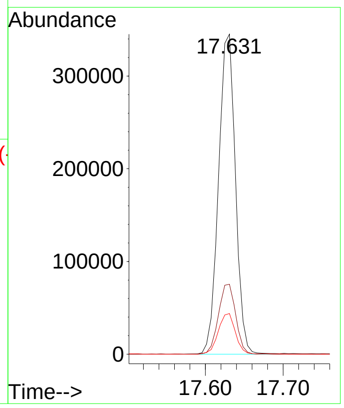
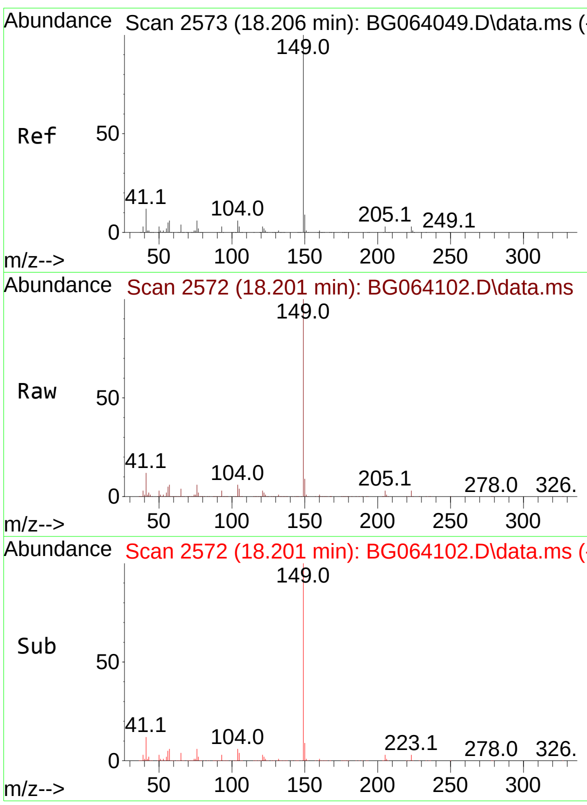
Tgt Ion:167 Resp: 52380

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.0	27.0
139	12.7	10.6	15.8

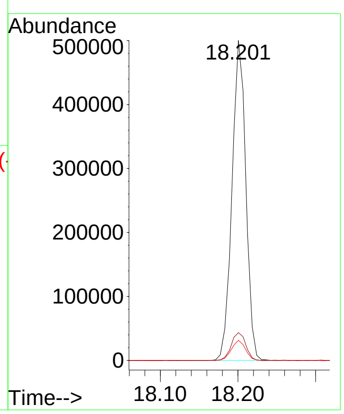




#74
Di-n-butylphthalate
Concen: 48.811 ng
RT: 18.201 min Scan# 2572
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:149 Resp: 620627

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.0
104	6.3	5.0	7.6



Instrument :
BNA_G
ClientSampleId :
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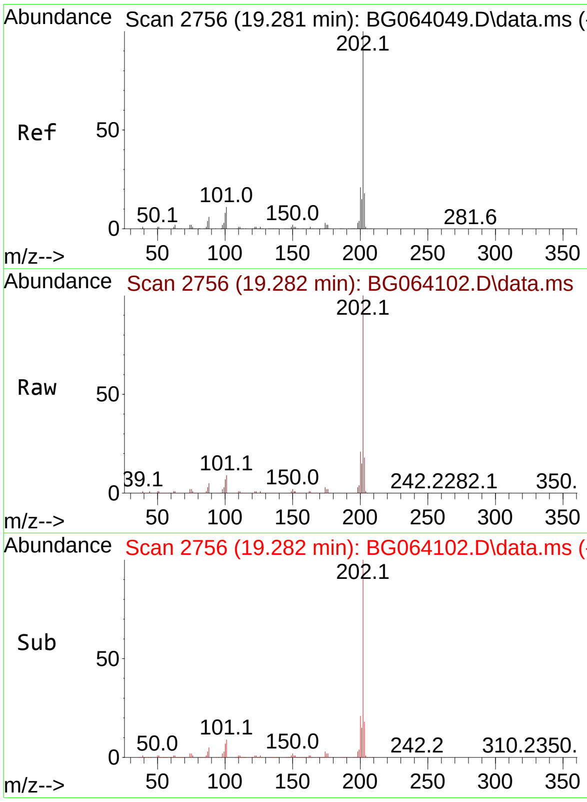
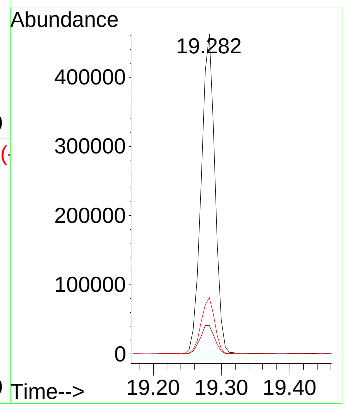
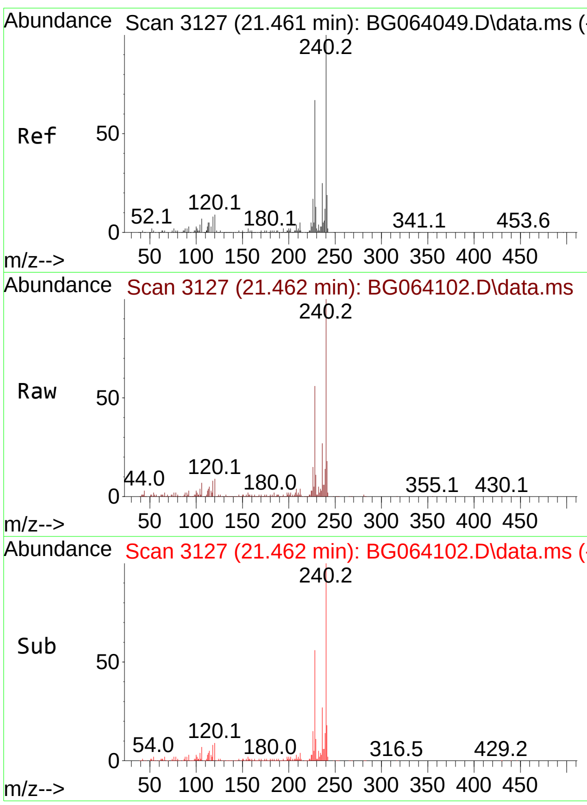


#75
Fluoranthene
Concen: 46.157 ng
RT: 19.282 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:202 Resp: 64743

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.5
203	17.6	0.0	38.3

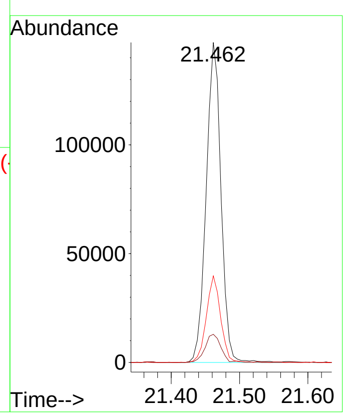




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3127
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:240 Resp: 221959

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.2	10.8
236	27.1	20.2	30.2



Instrument :
BNA_G
ClientSampleId :
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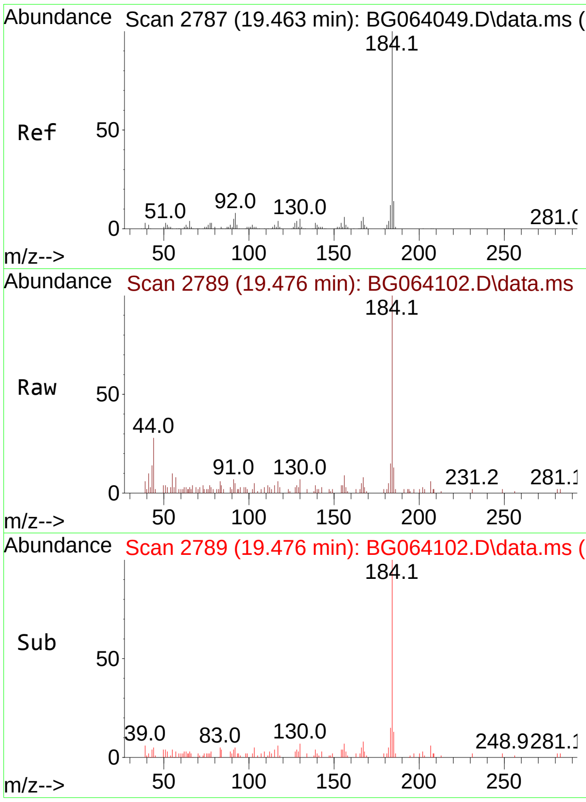
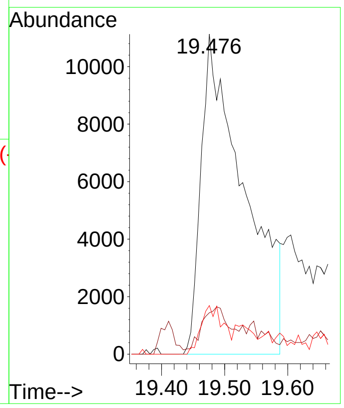
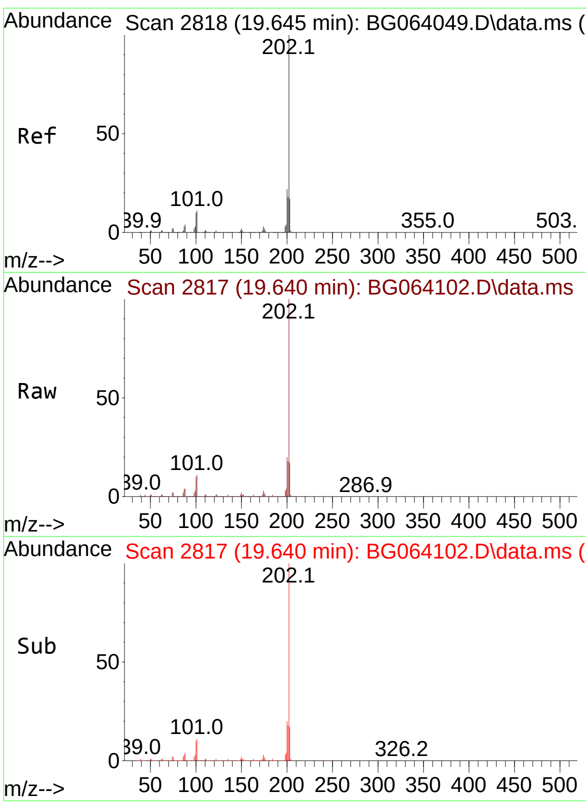


#77
Benzidine
Concen: 17.162 ng
RT: 19.476 min Scan# 2
Delta R.T. 0.013 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:184 Resp: 5274

Ion	Ratio	Lower	Upper
184	100		
185	13.0	11.3	16.9
183	15.2	9.5	14.3#

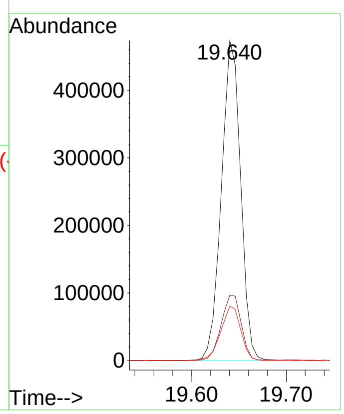


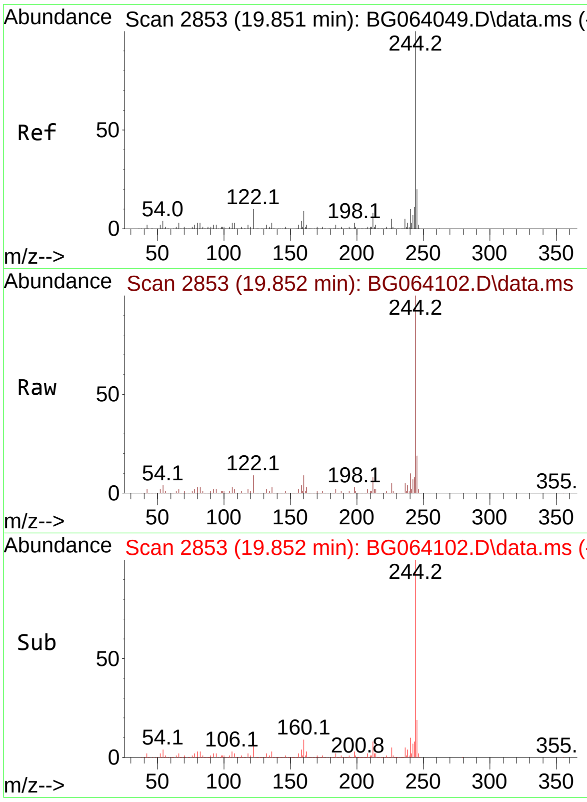


#78
Pyrene
Concen: 46.826 ng
RT: 19.640 min Scan# 2817
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:202 Resp: 669978

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.3	25.9
203	17.0	13.6	20.4

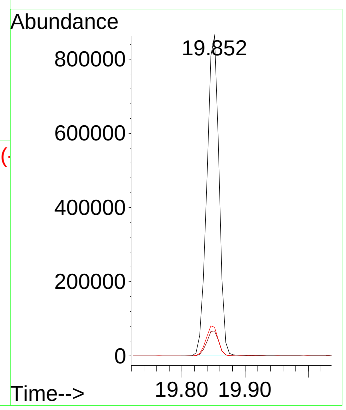




#79
Terphenyl-d14
Concen: 105.506 ng
RT: 19.852 min Scan# 2853
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:244 Resp: 1158161

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	8.9	8.0	12.0



Instrument :
BNA_G
ClientSampleId :
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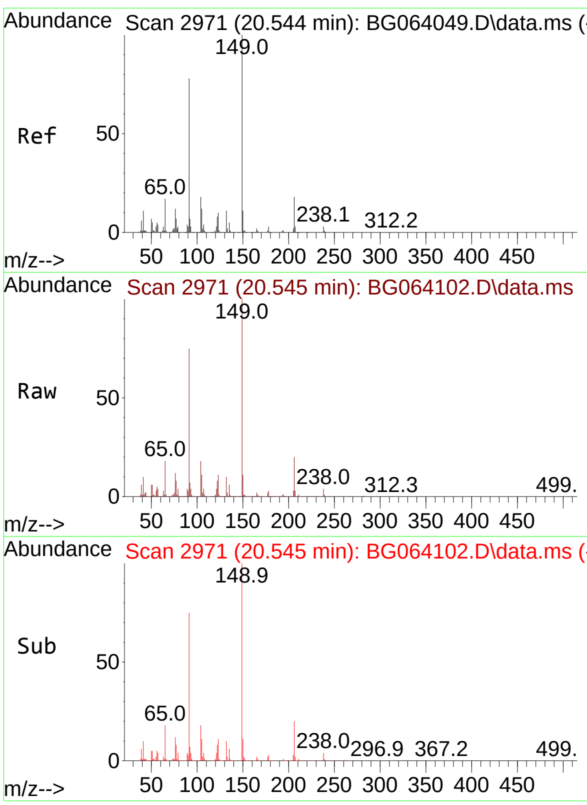
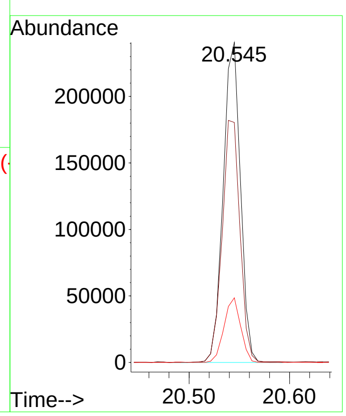
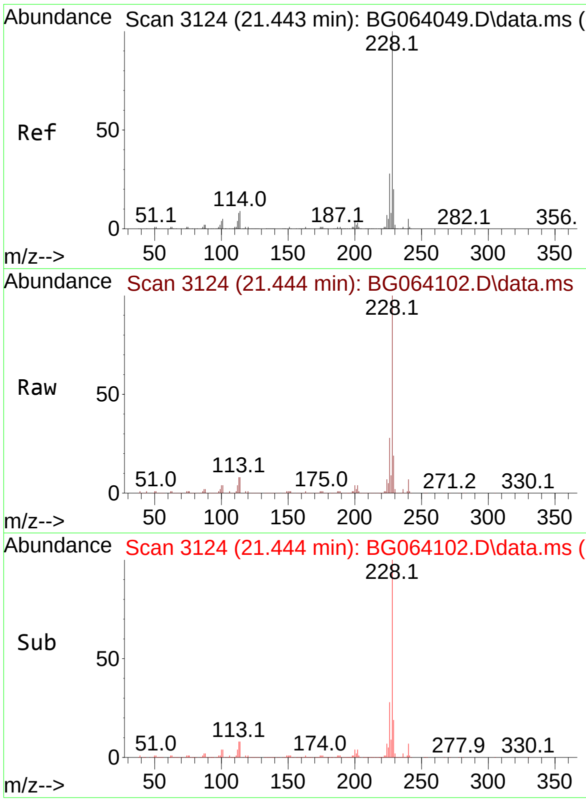


#80
Butylbenzylphthalate
Concen: 53.091 ng
RT: 20.545 min Scan# 2971
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:149 Resp: 287287

Ion	Ratio	Lower	Upper
149	100		
91	75.0	62.0	93.0
206	20.2	14.6	21.8

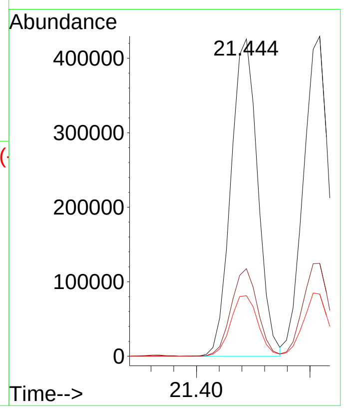




#81
Benzo(a)anthracene
Concen: 49.070 ng
RT: 21.444 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:228 Resp: 69767

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	19.1	16.4	24.6



Instrument :
BNA_G
ClientSampleId :
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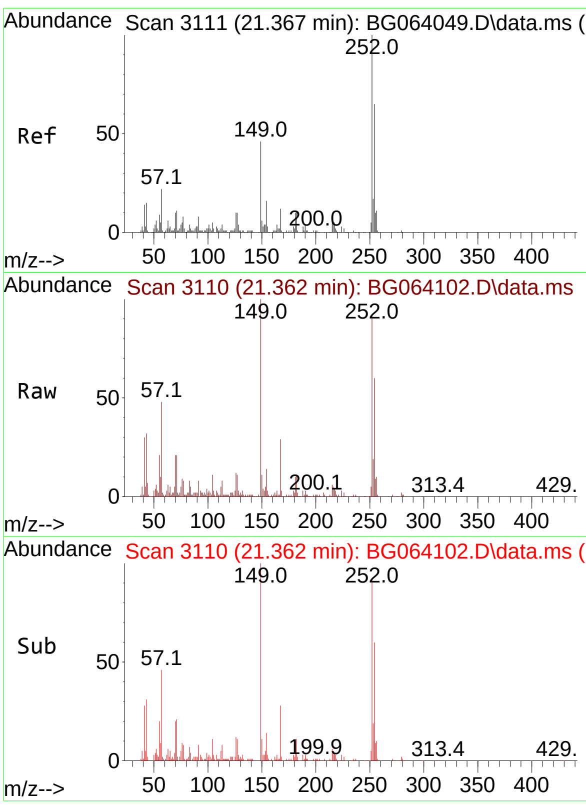
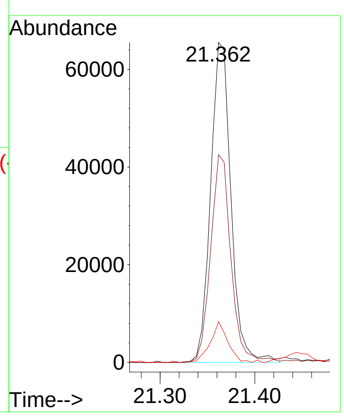
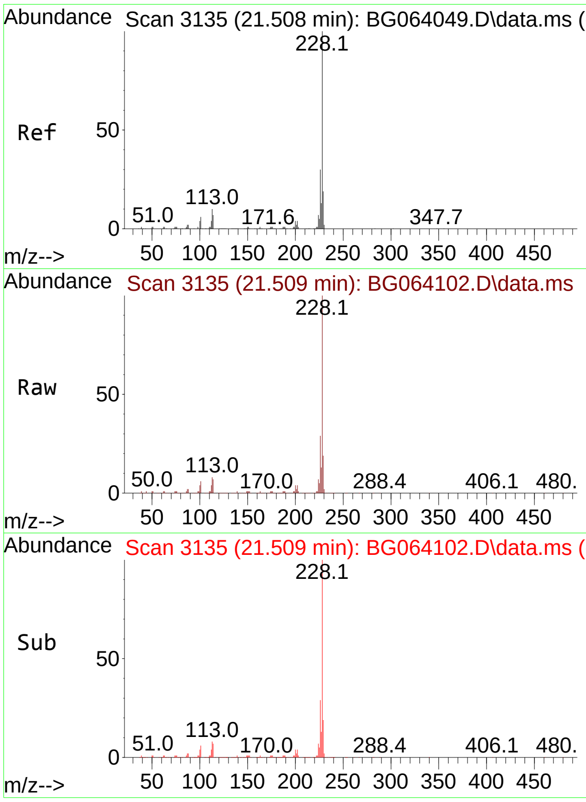


#82
3,3'-Dichlorobenzidine
Concen: 21.358 ng
RT: 21.362 min Scan# 3110
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:252 Resp: 98280

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	12.8	7.8	11.8#





#83
Chrysene
Concen: 47.385 ng
RT: 21.509 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

Tgt Ion:228 Resp: 67195

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.9	35.9
229	19.4	15.3	22.9

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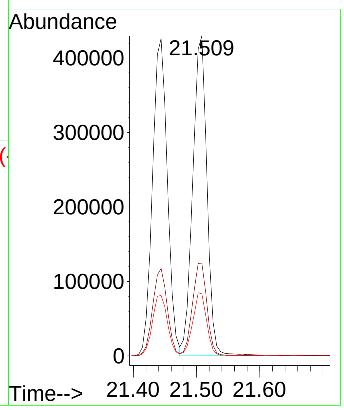
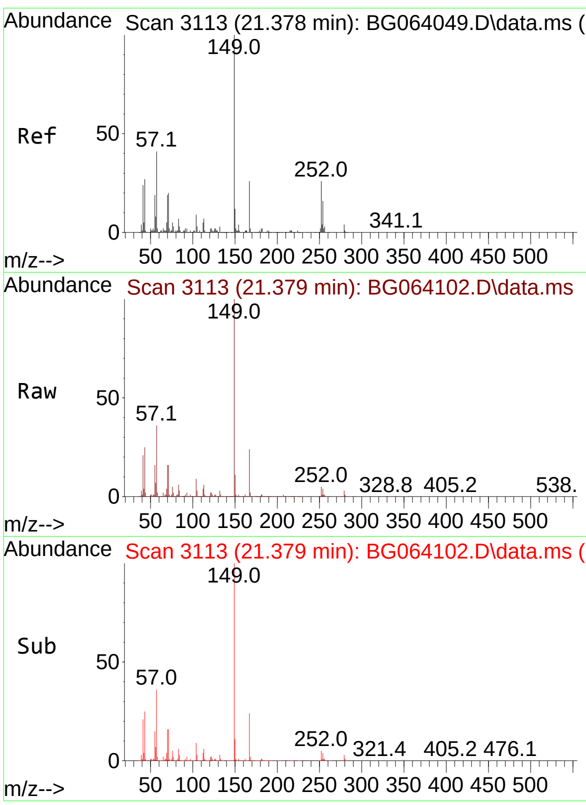
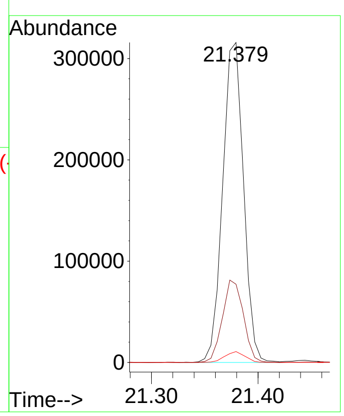


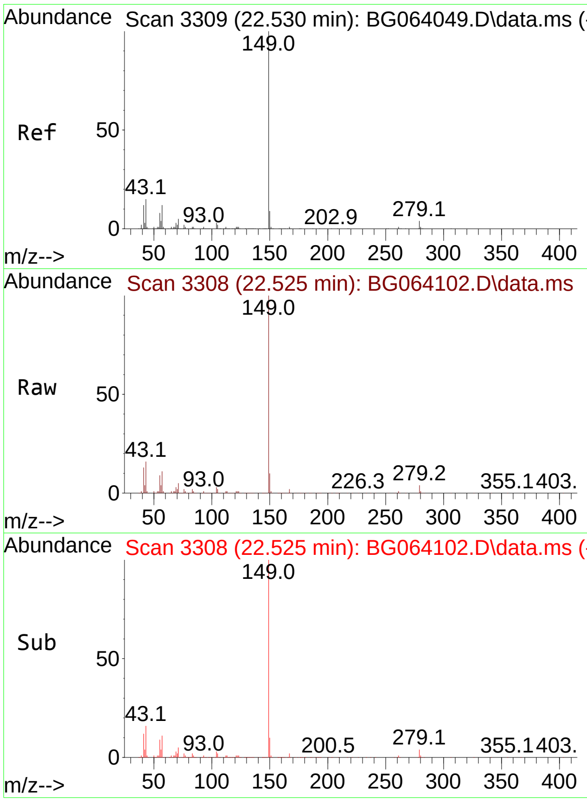


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.956 ng
RT: 21.379 min Scan# 3113
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:149 Resp: 430265

Ion	Ratio	Lower	Upper
149	100		
167	24.4	21.0	31.6
279	3.4	2.8	4.2

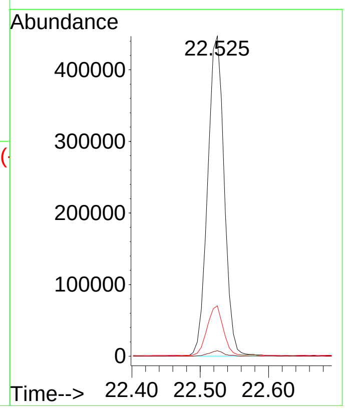




#85
Di-n-octyl phthalate
Concen: 56.761 ng
RT: 22.525 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:149 Resp: 75281

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	14.9	12.6	19.0



Instrument :
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ClientSampleId :
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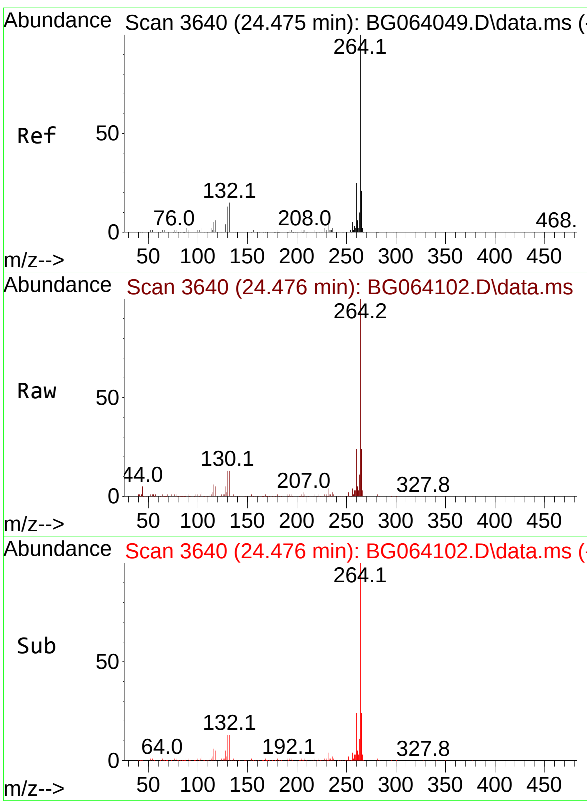
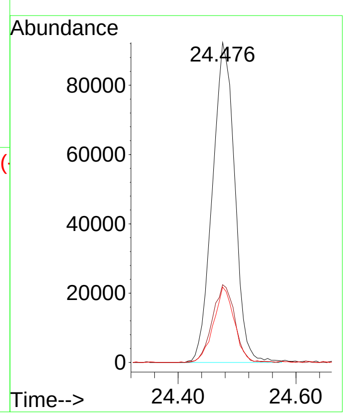
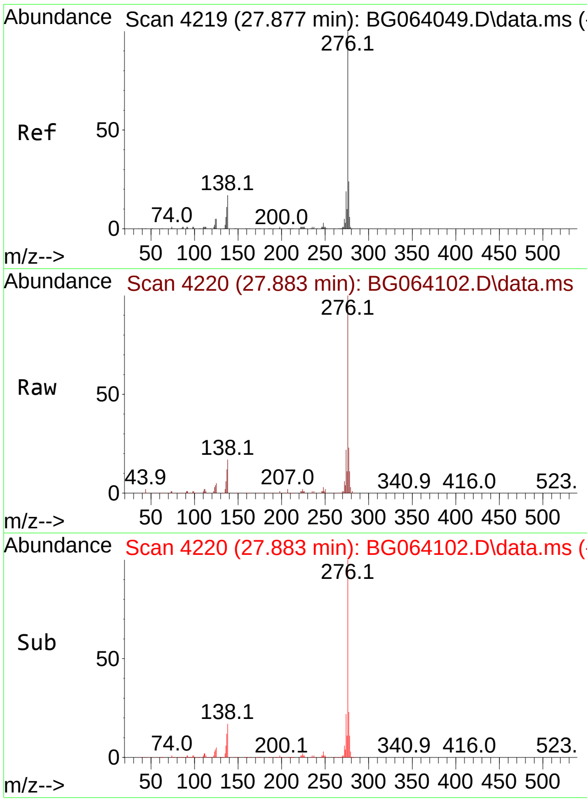


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.476 min Scan# 3640
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:264 Resp: 243592

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	23.5	16.6	25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.368 ng
RT: 27.883 min Scan# 4
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:276 Resp: 83720

Ion	Ratio	Lower	Upper
276	100		
138	15.3	12.1	18.1
277	25.8	20.0	30.0

Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

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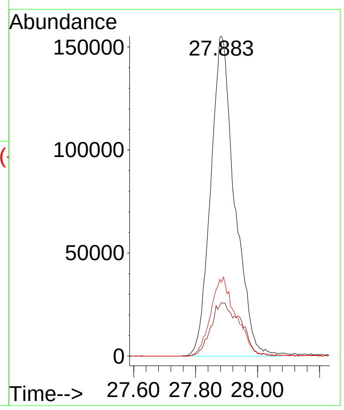
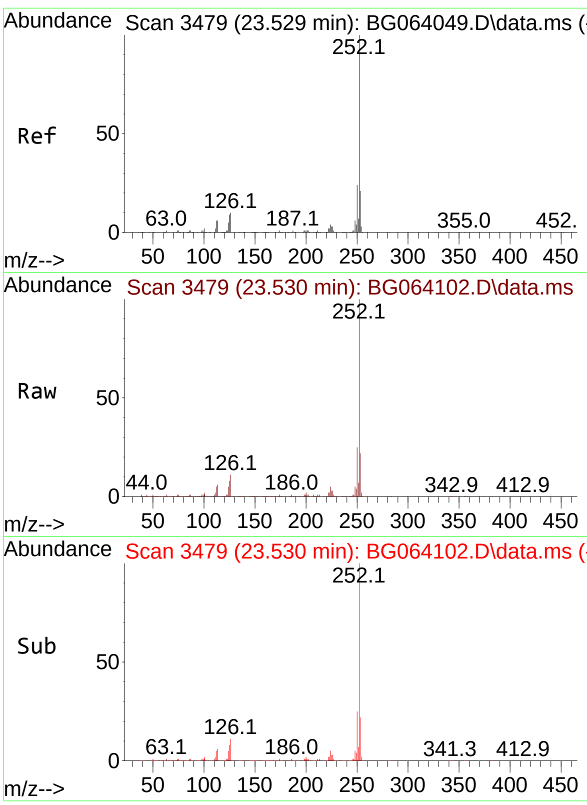
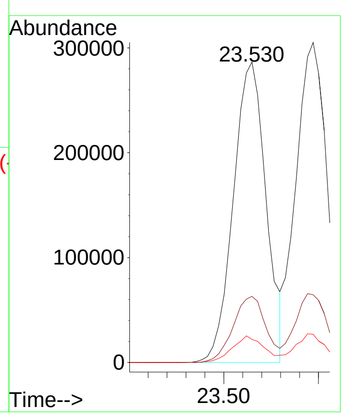




#88
Benzo(b)fluoranthene
Concen: 46.604 ng
RT: 23.530 min Scan# 3479
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:252 Resp: 686296

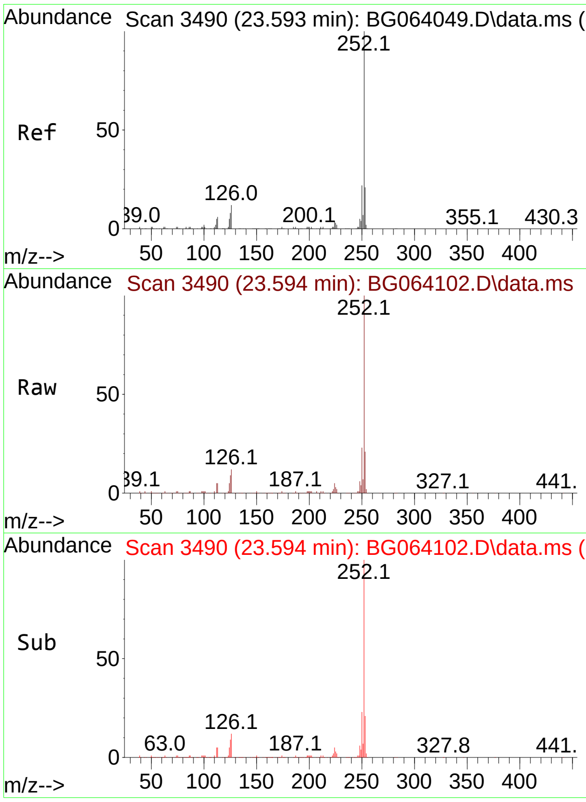
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	7.7	7.4	11.2



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

Manual Integrations
APPROVED

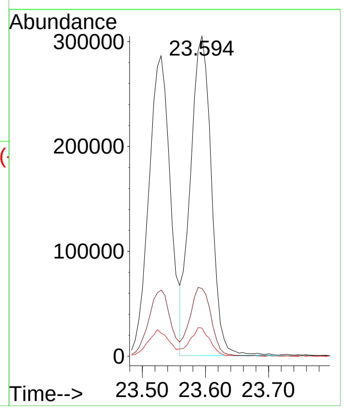
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

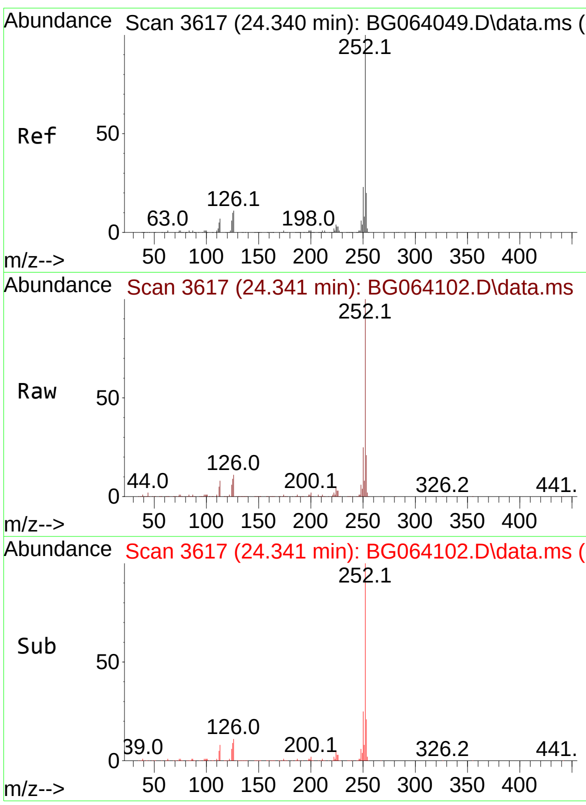


#89
Benzo(k)fluoranthene
Concen: 47.508 ng
RT: 23.594 min Scan# 34
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:252 Resp: 70185

Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.8	25.2
125	8.8	6.9	10.3

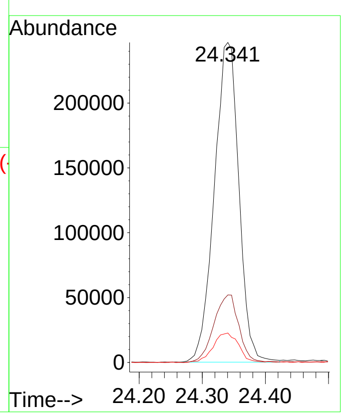




#90
Benzo(a)pyrene
Concen: 50.884 ng
RT: 24.341 min Scan# 3617
Delta R.T. 0.001 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:252 Resp: 667336

Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.2	24.2
125	9.2	7.8	11.6



Instrument :
BNA_G
ClientSampleId :
WC-A2-02-CMSD

Manual Integrations APPROVED

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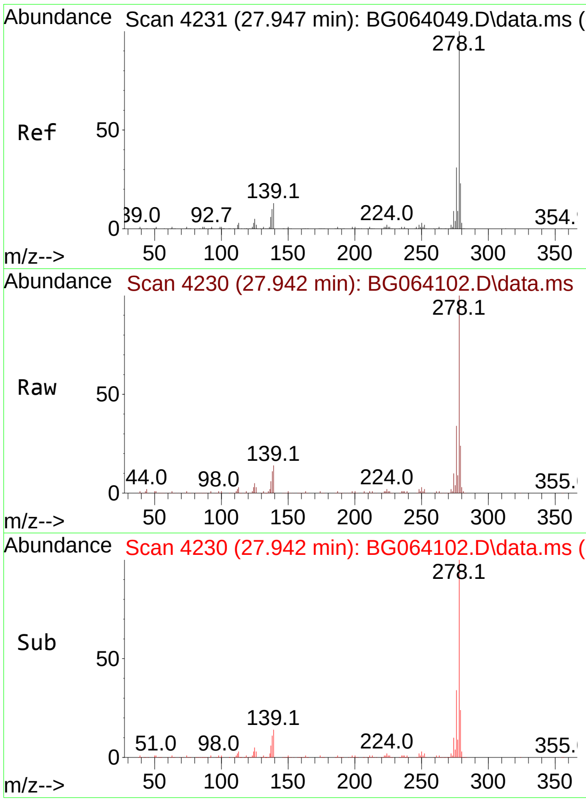
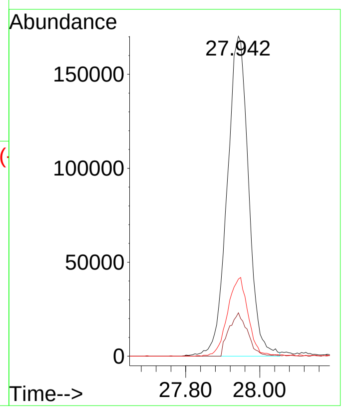
Supervised By :Jagrut Upadhyay 03/12/2025

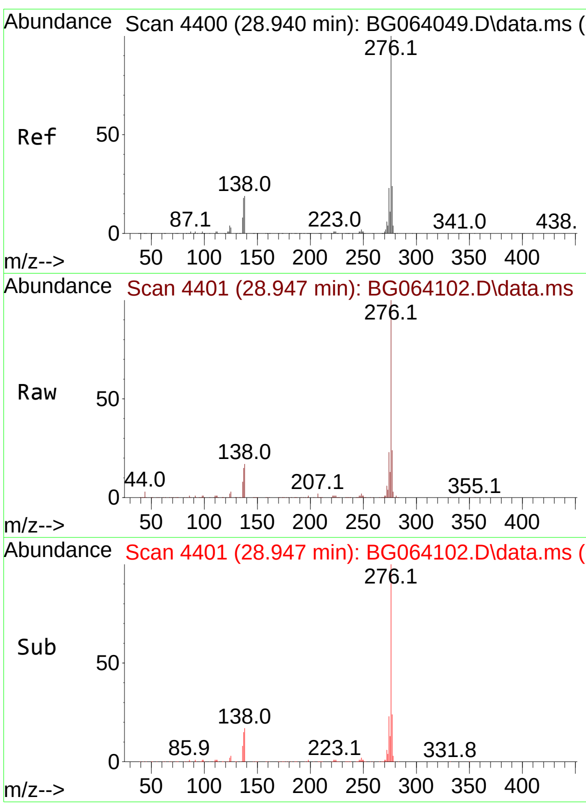


#91
Dibenzo(a,h)anthracene
Concen: 50.740 ng
RT: 27.942 min Scan# 4
Delta R.T. -0.005 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:278 Resp: 68558

Ion	Ratio	Lower	Upper
278	100		
139	13.6	10.2	15.2
279	24.1	18.1	27.1

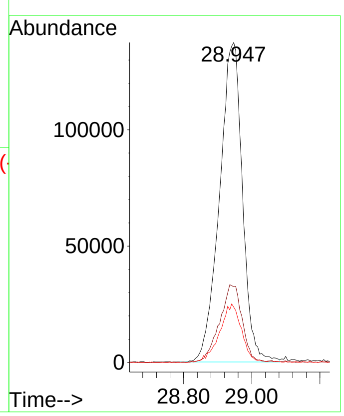




#92
Benzo(g,h,i)perylene
Concen: 46.385 ng
RT: 28.947 min Scan# 4401
Delta R.T. 0.007 min
Lab File: BG064102.D
Acq: 11 Mar 2025 19:20

Tgt Ion:276 Resp: 643489

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.5	29.3
138	17.2	15.4	23.0



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Manual Integration Report

Sequence:	BF031025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC080	BF141904.D	Caprolactam	anahy	3/11/2025 9:10:54 AM	Jagrut	3/11/2025 10:18:21 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF031125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	BF031225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB167089BS	BF141933.D	Benzoic acid	anahy	3/13/2025 9:05:48 AM	Jagrut	3/13/2025 10:03:13 AM	Peak Integrated by Software
PB167089BS	BF141933.D	Caprolactam	anahy	3/13/2025 9:05:48 AM	Jagrut	3/13/2025 10:03:13 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bg030525	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064046.D	1,2-Dichlorobenzene	Jagrut	3/6/2025 5:46:12 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC005	BG064046.D	1,4-Dichlorobenzene	Jagrut	3/6/2025 5:46:12 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC005	BG064046.D	2,4,6-Trichlorophenol	Jagrut	3/6/2025 5:46:12 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC005	BG064046.D	Acenaphthene	Jagrut	3/6/2025 5:46:12 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC005	BG064046.D	Benzidine	Jagrut	3/6/2025 5:46:12 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC010	BG064047.D	Acenaphthene	Jagrut	3/6/2025 5:46:22 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC010	BG064047.D	Benzaldehyde	Jagrut	3/6/2025 5:46:22 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC010	BG064047.D	Benzidine	Jagrut	3/6/2025 5:46:22 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC010	BG064047.D	Benzoic acid	Jagrut	3/6/2025 5:46:22 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC020	BG064048.D	Acenaphthene	Jagrut	3/6/2025 5:46:24 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC020	BG064048.D	Benzaldehyde	Jagrut	3/6/2025 5:46:24 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC020	BG064048.D	Benzoic acid	Jagrut	3/6/2025 5:46:24 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICCC040	BG064049.D	Acenaphthene	Jagrut	3/6/2025 5:46:27 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bg030525	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICCC040	BG064049.D	Benzoic acid	Jagrut	3/6/2025 5:46:27 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC050	BG064050.D	Acenaphthene	Jagrut	3/6/2025 5:46:30 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC050	BG064050.D	Benzoic acid	Jagrut	3/6/2025 5:46:30 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC060	BG064051.D	Benzoic acid	Jagrut	3/6/2025 5:46:32 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC080	BG064052.D	Benzoic acid	Jagrut	3/6/2025 5:46:36 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICV040	BG064053.D	Acenaphthene	Jagrut	3/6/2025 5:46:42 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICV040	BG064053.D	Benzaldehyde	Jagrut	3/6/2025 5:46:42 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICV040	BG064053.D	Benzoic acid	Jagrut	3/6/2025 5:46:42 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BG031125	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BG064088.D	Pyridine	anahy	3/12/2025 11:18:51 AM	Jagrut	3/12/2025 11:54:52 AM	Peak Integrated by Software
Q1523-06	BG064100.D	1-Methylnaphthalene	anahy	3/12/2025 11:35:33 AM	Jagrut	3/12/2025 11:55:20 AM	Peak Integrated by Software
Q1523-06MS	BG064101.D	Caprolactam	anahy	3/12/2025 11:36:08 AM	Jagrut	3/12/2025 11:55:24 AM	Peak Integrated by Software
Q1523-06MSD	BG064102.D	Caprolactam	anahy	3/12/2025 11:36:46 AM	Jagrut	3/12/2025 11:55:26 AM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF031025

Review By	anahy	Review On	3/11/2025 9:11:47 AM		
Supervise By	Jagrut	Supervise On	3/11/2025 10:18:40 AM		
SubDirectory	BF031025	HP Acquire Method	BNA_F	HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141896.D	10 Mar 2025 10:31	RC/JU	Ok
2	SSTDICC2.5	BF141897.D	10 Mar 2025 11:01	RC/JU	Ok
3	SSTDICC005	BF141898.D	10 Mar 2025 11:30	RC/JU	Ok
4	SSTDICC010	BF141899.D	10 Mar 2025 12:00	RC/JU	Ok
5	SSTDICC020	BF141900.D	10 Mar 2025 12:29	RC/JU	Ok
6	SSTDICCC040	BF141901.D	10 Mar 2025 12:58	RC/JU	Ok
7	SSTDICC050	BF141902.D	10 Mar 2025 13:28	RC/JU	Not Ok
8	SSTDICC060	BF141903.D	10 Mar 2025 13:57	RC/JU	Ok
9	SSTDICC080	BF141904.D	10 Mar 2025 14:27	RC/JU	Ok,M
10	SSTDICC050	BF141905.D	10 Mar 2025 15:20	RC/JU	Ok
11	SSTDICV040	BF141906.D	10 Mar 2025 15:53	RC/JU	Ok
12	PB167012BL	BF141907.D	10 Mar 2025 17:09	RC/JU	Ok
13	SP6752	BF141908.D	10 Mar 2025 17:39	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF031125

Review By	anahy	Review On	3/12/2025 10:51:52 AM		
Supervise By	Jagrut	Supervise On	3/12/2025 11:14:52 AM		
SubDirectory	BF031125	HP Acquire Method	BNA_F	HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141909.D	11 Mar 2025 10:52	RC/JU	Ok
2	SSTDCCC040	BF141910.D	11 Mar 2025 11:51	RC/JU	Ok
3	PB167045BL	BF141911.D	11 Mar 2025 12:21	RC/JU	Ok
4	PB167012BS	BF141912.D	11 Mar 2025 12:51	RC/JU	Ok,M
5	PB167078BL	BF141913.D	11 Mar 2025 13:20	RC/JU	Ok
6	PB167078BS	BF141914.D	11 Mar 2025 13:50	RC/JU	Ok,M
7	Q1514-05	BF141915.D	11 Mar 2025 14:26	RC/JU	Ok
8	Q1507-01	BF141916.D	11 Mar 2025 14:56	RC/JU	Dilution
9	Q1508-01	BF141917.D	11 Mar 2025 15:26	RC/JU	Ok,M
10	Q1514-01	BF141918.D	11 Mar 2025 16:12	RC/JU	Ok,M
11	Q1534-06	BF141919.D	11 Mar 2025 16:42	RC/JU	Ok
12	Q1534-12	BF141920.D	11 Mar 2025 17:12	RC/JU	Ok
13	Q1534-18	BF141921.D	11 Mar 2025 17:42	RC/JU	Ok
14	Q1534-24	BF141922.D	11 Mar 2025 18:12	RC/JU	Ok,M
15	Q1523-03	BF141923.D	11 Mar 2025 18:42	RC/JU	Ok
16	Q1515-01	BF141924.D	11 Mar 2025 19:12	RC/JU	Ok,M
17	Q1534-07	BF141925.D	11 Mar 2025 19:42	RC/JU	Not Ok
18	Q1534-01	BF141926.D	11 Mar 2025 20:12	RC/JU	Ok,M
19	Q1507-01DL	BF141927.D	11 Mar 2025 20:42	RC/JU	Not Ok
20	Q1535-01	BF141928.D	11 Mar 2025 21:12	RC/JU	Ok,M
21	Q1494-03	BF141929.D	11 Mar 2025 21:42	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF031225

Review By	anahy	Review On	3/13/2025 9:29:07 AM		
Supervise By	Jagrut	Supervise On	3/13/2025 10:03:29 AM		
SubDirectory	BF031225	HP Acquire Method	BNA_F	HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141930.D	12 Mar 2025 09:38	RC/JU	Ok
2	SSTDCCC040	BF141931.D	12 Mar 2025 10:08	RC/JU	Ok
3	PB167089BL	BF141932.D	12 Mar 2025 10:37	RC/JU	Ok
4	PB167089BS	BF141933.D	12 Mar 2025 11:06	RC/JU	Ok,M
5	PB167049TB	BF141934.D	12 Mar 2025 11:36	RC/JU	Ok
6	Q1507-01DL	BF141935.D	12 Mar 2025 12:16	RC/JU	Ok,M
7	Q1534-07	BF141936.D	12 Mar 2025 12:45	RC/JU	Ok,M
8	Q1522-02	BF141937.D	12 Mar 2025 14:26	RC/JU	Ok

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG030525

Review By	Jagrut	Review On	3/6/2025 5:46:57 PM		
Supervise By	mohammad	Supervise On	3/7/2025 6:01:50 AM		
SubDirectory	BG030525	HP Acquire Method	BNA_G	HP Processing Method	bg030525

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064044.D	5 Mar 2025 8:15	RC/JU	Ok
2	SSTDICC2.5	BG064045.D	5 Mar 2025 9:02	RC/JU	Ok
3	SSTDICC005	BG064046.D	5 Mar 2025 9:42	RC/JU	Ok,M
4	SSTDICC010	BG064047.D	5 Mar 2025 10:22	RC/JU	Ok,M
5	SSTDICC020	BG064048.D	5 Mar 2025 11:03	RC/JU	Ok,M
6	SSTDICCC040	BG064049.D	5 Mar 2025 11:43	RC/JU	Ok,M
7	SSTDICC050	BG064050.D	5 Mar 2025 12:23	RC/JU	Ok,M
8	SSTDICC060	BG064051.D	5 Mar 2025 13:04	RC/JU	Ok,M
9	SSTDICC080	BG064052.D	5 Mar 2025 13:44	RC/JU	Ok,M
10	SSTDICV040	BG064053.D	5 Mar 2025 15:10	RC/JU	Ok,M
11	PB166970BL	BG064054.D	5 Mar 2025 15:50	RC/JU	Ok

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG031125

Review By	anahy	Review On	3/12/2025 11:37:07 AM		
Supervise By	Jagrut	Supervise On	3/12/2025 11:57:22 AM		
SubDirectory	BG031125	HP Acquire Method	BNA_G	HP Processing Method	bg030525

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064087.D	11 Mar 2025 7:46	RC/JU	Ok
2	SSTDCCC040	BG064088.D	11 Mar 2025 9:44	RC/JU	Ok,M
3	PB167045BL	BG064089.D	11 Mar 2025 10:25	RC/JU	Ok
4	PB167045BS	BG064090.D	11 Mar 2025 11:05	RC/JU	Ok,M
5	Q1524-02MS	BG064091.D	11 Mar 2025 11:54	RC/JU	Ok,M
6	Q1524-02MSD	BG064092.D	11 Mar 2025 12:34	RC/JU	Ok,M
7	Q1537-02	BG064093.D	11 Mar 2025 13:14	RC/JU	Ok
8	Q1537-03	BG064094.D	11 Mar 2025 13:55	RC/JU	Ok
9	Q1537-01	BG064095.D	11 Mar 2025 14:35	RC/JU	Ok
10	Q1534-19	BG064096.D	11 Mar 2025 15:16	RC/JU	Ok
11	Q1534-13	BG064097.D	11 Mar 2025 15:56	RC/JU	Ok,M
12	Q1534-13MS	BG064098.D	11 Mar 2025 16:37	RC/JU	Ok,M
13	Q1534-13MSD	BG064099.D	11 Mar 2025 17:18	RC/JU	Ok,M
14	Q1523-06	BG064100.D	11 Mar 2025 17:59	RC/JU	Ok,M
15	Q1523-06MS	BG064101.D	11 Mar 2025 18:39	RC/JU	Ok,M
16	Q1523-06MSD	BG064102.D	11 Mar 2025 19:20	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF031025

Review By	anahy	Review On	3/11/2025 9:11:47 AM		
Supervise By	Jagrut	Supervise On	3/11/2025 10:18:40 AM		
SubDirectory	BF031025	HP Acquire Method	BNA_F	HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141896.D	10 Mar 2025 10:31		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF141897.D	10 Mar 2025 11:01		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF141898.D	10 Mar 2025 11:30	Compound#9,32,54,65 removed from 5 ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF141899.D	10 Mar 2025 12:00		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF141900.D	10 Mar 2025 12:29	Compound #54 Kept on LR, Method is good for DOD . Method failed for compound #77.	RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF141901.D	10 Mar 2025 12:58		RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF141902.D	10 Mar 2025 13:28	Not used	RC/JU	Not Ok
8	SSTDICC060	SSTDICC060	BF141903.D	10 Mar 2025 13:57	Compound#69 Removed from 60 ppm	RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF141904.D	10 Mar 2025 14:27	Compound#9,69 Removed from 80 ppm	RC/JU	Ok,M
10	SSTDICC050	SSTDICC050	BF141905.D	10 Mar 2025 15:20		RC/JU	Ok
11	SSTDICV040	ICVBF031025	BF141906.D	10 Mar 2025 15:53		RC/JU	Ok
12	PB167012BL	PB167012BL	BF141907.D	10 Mar 2025 17:09		RC/JU	Ok
13	SP6752	SP6752	BF141908.D	10 Mar 2025 17:39	8270 SPIKE-SP6752	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF031125

Review By	anahy	Review On	3/12/2025 10:51:52 AM		
Supervise By	Jagrut	Supervise On	3/12/2025 11:14:52 AM		
SubDirectory	BF031125	HP Acquire Method	BNA_F	HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141909.D	11 Mar 2025 10:52		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141910.D	11 Mar 2025 11:51		RC/JU	Ok
3	PB167045BL	PB167045BL	BF141911.D	11 Mar 2025 12:21		RC/JU	Ok
4	PB167012BS	PB167012BS	BF141912.D	11 Mar 2025 12:51		RC/JU	Ok,M
5	PB167078BL	PB167078BL	BF141913.D	11 Mar 2025 13:20		RC/JU	Ok
6	PB167078BS	PB167078BS	BF141914.D	11 Mar 2025 13:50		RC/JU	Ok,M
7	Q1514-05	ENV-103-SB01	BF141915.D	11 Mar 2025 14:26		RC/JU	Ok
8	Q1507-01	50-MIDDLESEX-AVE	BF141916.D	11 Mar 2025 14:56	Need 5X Dilution	RC/JU	Dilution
9	Q1508-01	RBR251372	BF141917.D	11 Mar 2025 15:26	Internal standard failed.	RC/JU	Ok,M
10	Q1514-01	ENV-105-SB01	BF141918.D	11 Mar 2025 16:12		RC/JU	Ok,M
11	Q1534-06	OR-636-COMP-16	BF141919.D	11 Mar 2025 16:42		RC/JU	Ok
12	Q1534-12	OR-636-COMP-17	BF141920.D	11 Mar 2025 17:12		RC/JU	Ok
13	Q1534-18	OR-636-COMP-18	BF141921.D	11 Mar 2025 17:42		RC/JU	Ok
14	Q1534-24	OR-636-COMP-19	BF141922.D	11 Mar 2025 18:12		RC/JU	Ok,M
15	Q1523-03	WC-A1-01-C	BF141923.D	11 Mar 2025 18:42		RC/JU	Ok
16	Q1515-01	AU-06-030625	BF141924.D	11 Mar 2025 19:12		RC/JU	Ok,M
17	Q1534-07	OR-636-COMP-17	BF141925.D	11 Mar 2025 19:42	Need Straight Run	RC/JU	Not Ok
18	Q1534-01	OR-636-COMP-16	BF141926.D	11 Mar 2025 20:12	Internal Standard Fail	RC/JU	Ok,M

Alliance TECHNICAL GROUP

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 # BF031125

Review By	anahy	Review On	3/12/2025 10:51:52 AM		
Supervise By	Jagrut	Supervise On	3/12/2025 11:14:52 AM		
SubDirectory	BF031125	HP Acquire Method	BNA_F	HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1507-01DL	50-MIDDLESEX-AVEDI	BF141927.D	11 Mar 2025 20:42	Internal Standard Fail	RC/JU	Not Ok
20	Q1535-01	SU-03-03102025	BF141928.D	11 Mar 2025 21:12	Internal Standard Fail	RC/JU	Ok,M
21	Q1494-03	ASPHALT-SOIL	BF141929.D	11 Mar 2025 21:42	Internal Standard Fail	RC/JU	Ok

M : Manual Integration

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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 # BF031225

Review By	anahy	Review On	3/13/2025 9:29:07 AM		
Supervise By	Jagrut	Supervise On	3/13/2025 10:03:29 AM		
SubDirectory	BF031225	HP Acquire Method	BNA_F	HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141930.D	12 Mar 2025 09:38		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141931.D	12 Mar 2025 10:08		RC/JU	Ok
3	PB167089BL	PB167089BL	BF141932.D	12 Mar 2025 10:37		RC/JU	Ok
4	PB167089BS	PB167089BS	BF141933.D	12 Mar 2025 11:06		RC/JU	Ok,M
5	PB167049TB	PB167049TB	BF141934.D	12 Mar 2025 11:36		RC/JU	Ok
6	Q1507-01DL	50-MIDDLESEX-AVEDI	BF141935.D	12 Mar 2025 12:16		RC/JU	Ok,M
7	Q1534-07	OR-636-COMP-17	BF141936.D	12 Mar 2025 12:45		RC/JU	Ok,M
8	Q1522-02	TW-WTS-04	BF141937.D	12 Mar 2025 14:26		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG030525

Review By	Jagrut	Review On	3/6/2025 5:46:57 PM		
Supervise By	mohammad	Supervise On	3/7/2025 6:01:50 AM		
SubDirectory	BG030525	HP Acquire Method	BNA_G	HP Processing Method	bg030525

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064044.D	5 Mar 2025 8:15		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064045.D	5 Mar 2025 9:02		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064046.D	5 Mar 2025 9:42	Compound#32,54,56,65,70,85 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064047.D	5 Mar 2025 10:22		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064048.D	5 Mar 2025 11:03	Compound#32,51,54,57,65,80 Kept on LR & Compound#26,48 Kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064049.D	5 Mar 2025 11:43	Calibration is good for 8270 E and 8270 DOD. Benzidine failed in the Calibration.	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BG064050.D	5 Mar 2025 12:23		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BG064051.D	5 Mar 2025 13:04	Compound#69 removed from 60 ppm	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BG064052.D	5 Mar 2025 13:44	Compound#9,69 removed from 80 ppm	RC/JU	Ok,M
10	SSTDICV040	ICVBG030525	BG064053.D	5 Mar 2025 15:10		RC/JU	Ok,M
11	PB166970BL	PB166970BL	BG064054.D	5 Mar 2025 15:50		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG031125

Review By	anahy	Review On	3/12/2025 11:37:07 AM		
Supervise By	Jagrut	Supervise On	3/12/2025 11:57:22 AM		
SubDirectory	BG031125	HP Acquire Method	BNA_G	HP Processing Method	bg030525

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064087.D	11 Mar 2025 7:46		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064088.D	11 Mar 2025 9:44		RC/JU	Ok,M
3	PB167045BL	PB167045BL	BG064089.D	11 Mar 2025 10:25		RC/JU	Ok
4	PB167045BS	PB167045BS	BG064090.D	11 Mar 2025 11:05		RC/JU	Ok,M
5	Q1524-02MS	VNJ-241MS	BG064091.D	11 Mar 2025 11:54		RC/JU	Ok,M
6	Q1524-02MSD	VNJ-241MSD	BG064092.D	11 Mar 2025 12:34		RC/JU	Ok,M
7	Q1537-02	COMP-2	BG064093.D	11 Mar 2025 13:14		RC/JU	Ok
8	Q1537-03	COMP-3	BG064094.D	11 Mar 2025 13:55		RC/JU	Ok
9	Q1537-01	COMP-1	BG064095.D	11 Mar 2025 14:35		RC/JU	Ok
10	Q1534-19	OR-636-COMP-19	BG064096.D	11 Mar 2025 15:16		RC/JU	Ok
11	Q1534-13	OR-636-COMP-18	BG064097.D	11 Mar 2025 15:56		RC/JU	Ok,M
12	Q1534-13MS	OR-636-COMP-18MS	BG064098.D	11 Mar 2025 16:37		RC/JU	Ok,M
13	Q1534-13MSD	OR-636-COMP-18MSD	BG064099.D	11 Mar 2025 17:18		RC/JU	Ok,M
14	Q1523-06	WC-A2-02-C	BG064100.D	11 Mar 2025 17:59		RC/JU	Ok,M
15	Q1523-06MS	WC-A2-02-CMS	BG064101.D	11 Mar 2025 18:39		RC/JU	Ok,M
16	Q1523-06MSD	WC-A2-02-CMSD	BG064102.D	11 Mar 2025 19:20		RC/JU	Ok,M

M : Manual Integration

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TCLP EXTRACTION LOGPAGE

PB167049

SOP ID : M1311-TCLP-15

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1

TCLP Filter ID : 115525

Start Prep Date : 03/10/2025 **Time :** 15:30

End Prep Date : 03/11/2025 **Time :** 09:45

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ JP

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : JC

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP110802
HCL-TCLP,1N	N/A	WP110803
HNO3-TCLP,1N	N/A	WP110804
pH Strips	W3172.	W1931,W1934,W3171,W3172
pH Strips	W1941,W1942	W3166,W1938,W1939,W1940,
1L Amber bottle	N/A	90424-08
120ml Plastic bottle	N/A	405130101
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

TUMBLER T-1 checked,30 rpm. Matrix spike are added after fiftration and before preservation. TUMBLER T-1checked ,30 rpm. Q1537-07 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/11/25 11:00	JP 11/CP Room	SKG. RJ/Ext
	Preparation Group	**Analysis Group** Met Dig.

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TCLP EXTRACTION LOGPAGE

PB167049

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167049TB	LEB049	10	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-1
Q1523-03	WC-A1-01-C	01	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q1523-06	WC-A2-02-C	02	100.01	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q1534-06	OR-363-COMP-16	03	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1534-12	OR-363-COMP-17	04	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q1534-18	OR-363-COMP-18	05	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q1534-24	OR-363OR-363-COMP-19-	06	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q1537-05	COMP-1	07	100.03	2000	N/A	N/A	N/A	10.0	1.5	T-1
Q1537-06	COMP-2	08	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q1537-07	COMP-3	09	100.04	2000	N/A	N/A	N/A	11.0	1.5	T-1

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TCLP Solid Determination

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167049TB	LEB049	N/A	N/A	N/A	N/A	N/A	N/A
Q1523-03	WC-A1-01-C	N/A	N/A	N/A	N/A	100	N/A
Q1523-06	WC-A2-02-C	N/A	N/A	N/A	N/A	100	N/A
Q1534-06	OR-363-COMP-16	N/A	N/A	N/A	N/A	100	N/A
Q1534-12	OR-363-COMP-17	N/A	N/A	N/A	N/A	100	N/A
Q1534-18	OR-363-COMP-18	N/A	N/A	N/A	N/A	100	N/A
Q1534-24	OR-363OR-363-COMP-19-	N/A	N/A	N/A	N/A	100	N/A
Q1537-05	COMP-1	N/A	N/A	N/A	N/A	100	N/A
Q1537-06	COMP-2	N/A	N/A	N/A	N/A	100	N/A
Q1537-07	COMP-3	N/A	N/A	N/A	N/A	100	N/A

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TCLP Fluid Determination

PB167049

Hot Block ID : WC S-1 /WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB167049TB	LEB049	N/A	N/A	N/A	N/A	#1	4.94
Q1523-03	WC-A1-01-C	5.02	96.5	12.5	4.5	#1	4.94
Q1523-06	WC-A2-02-C	5.01	96.5	12.5	4.5	#1	4.94
Q1534-06	OR-363-COMP-16	5.01	96.5	6.0	2.5	#1	4.94
Q1534-12	OR-363-COMP-17	5.02	96.5	6.2	2.5	#1	4.94
Q1534-18	OR-363-COMP-18	5.03	96.5	6.6	2.0	#1	4.94
Q1534-24	OR-363OR-363-COMP-19-	5.04	96.5	6.6	2.5	#1	4.94
Q1537-05	COMP-1	5.03	96.5	10.5	4.0	#1	4.94
Q1537-06	COMP-2	5.02	96.5	11.0	4.5	#1	4.94
Q1537-07	COMP-3	5.03	96.5	11.0	4.5	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q1534 **WorkList ID :** 188161 **Department :** TCLP Extraction **Date :** 03-10-2025 13:43:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1523-03	WC-A1-01-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	I31	03/06/2025	1311
Q1523-06	WC-A2-02-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	I31	03/06/2025	1311
Q1534-06	OR-363-COMP-16	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	H31	03/07/2025	1311
Q1534-12	OR-363-COMP-17	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	H31	03/07/2025	1311
Q1534-18	OR-363-COMP-18	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	H31	03/07/2025	1311
Q1534-24	OR-363OR-363-COMP-19-	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	H31	03/07/2025	1311
Q1537-05	COMP-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	I41	03/10/2025	1311
Q1537-06	COMP-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	I41	03/10/2025	1311
Q1537-07	COMP-3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	I41	03/10/2025	1311

Date/Time 03/10/25 13:55

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 03/10/25 17:30

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167089

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	03/11/2025
Matrix :	Water			**Extraction Start Time :**	11:15
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	03/11/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	16:15
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	N/A	**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	SP6720
Surrogate	1.0ML	100/150 PPM	SP6638
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3878
Baked Na2SO4	N/A	EP2593
H2SO4 1:1	N/A	EP2565
10N NaoH	N/A	EP2559
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >11 with 10N NaOH, 1.5ML Vial Lot # 2210673.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/11/25	RS (Ext Lab)	RC/SVOC
16:20	**Preparation Group**	**Analysis Group**

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TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167089

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 03/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By: AddedBy	Surr/Spike By: VerifiedBy	Final Vol. (mL)	JarID	Comments	Prep Pos
PB167049TB	PB167049TB	TCLP BNA	100	6	RUPESH	ritesh	1			SEP-1
PB167089BL	PB167089BL	TCLP BNA	1000	6	RUPESH	ritesh	1			2
PB167089BS	PB167089BS	TCLP BNA	1000	6	RUPESH	ritesh	1			3
Q1523-03	WC-A1-01-C	TCLP BNA	100	6	RUPESH	ritesh	1	A		4
Q1523-06	WC-A2-02-C	TCLP BNA	100	6	RUPESH	ritesh	1	A		5
Q1523-06MS	WC-A2-02-CMS	TCLP BNA	100	6	RUPESH	ritesh	1	A		6
Q1523-06MSD	WC-A2-02-CMSD	TCLP BNA	100	6	RUPESH	ritesh	1	A		7
Q1534-06	OR-363-COMP-16	TCLP BNA	100	6	RUPESH	ritesh	1	A		8
Q1534-12	OR-363-COMP-17	TCLP BNA	100	6	RUPESH	ritesh	1	A		9
Q1534-18	OR-363-COMP-18	TCLP BNA	100	6	RUPESH	ritesh	1	A		10
Q1534-24	OR-363OR-363-COMP-19 -	TCLP BNA	100	6	RUPESH	ritesh	1	A		11

RS
3/11

*** Extracts relinguished on the same date as received.**

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TCLP EXTRACTION LOGPAGE

PB167049

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167049TB	LEB049	10	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-1
Q1523-03	WC-A1-01-C	01	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q1523-06	WC-A2-02-C	02	100.01	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q1534-06	OR-363-COMP-16	03	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1534-12	OR-363-COMP-17	04	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q1534-18	OR-363-COMP-18	05	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q1534-24	OR-363OR-363-COMP-19-	06	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q1537-05	COMP-1	07	100.03	2000	N/A	N/A	N/A	10.0	1.5	T-1
Q1537-06	COMP-2	08	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q1537-07	COMP-3	09	100.04	2000	N/A	N/A	N/A	11.0	1.5	T-1

03/11/2025
11:00

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q1523

COC Number: 2042110

Page 1 of 2

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
COMPANY: ENTACT, LLC	PROJECT NAME: 540 Degraw St Brooklyn, NY	BILL TO: ENTACT, LLC PO# E9309
ADDRESS: 150 Bay Street, Suite 806	PROJECT #: E9309 LOCATION: Brooklyn, NY	ADDRESS: 999 Oakmont Plaza Drive, Suite 300
CITY: Jersey City STATE: NJ ZIP: 07302	PROJECT MANAGER: Jarod Stanfield	CITY: Westmont STATE: IL ZIP: 60559
ATTENTION: Jarod Stanfield	E-MAIL: jstanfield@entact.com	ATTENTION: Wendy Murray PHONE: 800-936-8228
PHONE: 570-886-0442 FAX:	PHONE: 570-886-0442 FAX:	

DATA TURNAROUND INFORMATION

FAX: 5 DAYS*
HARD COPY: ______ DAYS*
EDD 5 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format______
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other______

ANALYSIS

1	2	3	4	5	6	7	8	9
TCLP VOCs	TCLP ICP Metals	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH	I/C/R	PCBs	Oil & Grease

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1 (E)	2 (E)	3 (E)	4 (E)	5 (E)	6 (E)	7 (E)	8 (E)	9 (E)	COMMENTS <-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
1.	WC-A1-01-G	Soil		X	3/6	10:00	1	X									
2.	WC-A1-01-C	Soil	X		3/6	10:00	11		X	X	X	X	X	X	X	X	
3.	WC-A1-02-G	Soil		X	3/6	11:00	1	X									
4.	WC-A2-02-C	Soil	X		3/6	11:00	11		X	X	X	X	X	X	X	X	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY	DATE/TIME	RECEIVED BY
RELINQUISHED BY SAMPLER 1. Jarod Stanfield	3/6 15:31	1. 3-7-25 0700
2.		2.
3.		RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 5.3°C ☐ Ice in Cooler?:______

Comments:

Page______of______

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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CITY Jersey City STATE: NJ ZIP: 07302	PROJECT MANAGER: Jarod Stanfield	CITY: Westmont STATE: IL ZIP: 60559
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- ❑ New York State ASP "A"
- ❑ Other______

ANALYSIS

10	11	12	13	14	15	16		
ASTM COD	ASTM Ammonia-Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH	Paint Filter		

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	GRAB	SAMPLE COLLECTION DATE	TIME	# of Bottles	PRESERVATIVES 1 E	2 E	3 E	4 E	5 E	6 E	7 E	8	9	COMMENTS
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2.	WC-A1-01-C	Soil	X		3/6	10:00	11	X	X	X	X	X	X	X			
3.	WC-A1-02-G	Soil		X	3/6	11:00	1										
4.	WC-A2-02-C	Soil	X		3/6	11:00	11	X	X	X	X	X	X	X			
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Jarod Stanfield	3/6 15:31	1. 3-7-25 0700
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: ❑ Compliant ❑ Non Compliant ❑ Cooler Temp 5.3°C
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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