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

Cover Page

Order ID : P5291

Project ID : Con Edison Non-MGP - Atlantic Avenue

Client : PARSONS Main of New York, Inc.

Lab Sample Number	Client Sample Number
P5291-01	MW1A-20241213
P5291-02	MW10D-20241213
P5291-03	MW4-20241213
P5291-04	MW5-20241213
P5291-05	MW2-20241213
P5291-06	MW3-20241213
P5291-07	MW6-20241213
P5291-08	P5291-07MS
P5291-09	P5291-07MSD
P5291-10	MW6-20241213-A
P5291-11	EQUIP-BLANK-20241213
P5291-12	TB-20241216
P5291-13	WC-20241213

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: 12/26/2024

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 #: **P5291**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **SOHIL JODHANI** **Date:** **12/26/2024**

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LAB CHRONICLE

OrderID:	P5291	**OrderDate:**	12/16/2024 10:45:00 AM
Client:	PARSONS Main of New York, Inc.	**Project:**	Con Edison Non-MGP - Atlantic Avenue
Contact:	Stephen Liberatore	**Location:**	L51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5291-05	**MW2-20241213**	**Water**			**12/13/24**			**12/16/24**
			SVOCMS Group1	8270E		12/17/24	12/19/24	
P5291-05DL	**MW2-20241213DL**	**Water**			**12/13/24**			**12/16/24**
			SVOCMS Group1	8270E		12/17/24	12/23/24	
P5291-06	**MW3-20241213**	**Water**			**12/13/24**			**12/16/24**
			SVOCMS Group1	8270E		12/17/24	12/18/24	
P5291-06DL	**MW3-20241213DL**	**Water**			**12/13/24**			**12/16/24**
			SVOCMS Group1	8270E		12/17/24	12/19/24	
P5291-07	**MW6-20241213**	**Water**			**12/13/24**			**12/16/24**
			SVOCMS Group1	8270E		12/17/24	12/18/24	
P5291-10	**MW6-20241213-A**	**Water**			**12/13/24**			**12/16/24**
			SVOCMS Group1	8270E		12/17/24	12/18/24	
P5291-11	**EQUIP-BLANK-20241213**	**Water**			**12/13/24**			**12/16/24**
			SVOCMS Group1	8270E		12/17/24	12/18/24	
P5291-13	**WC-20241213**	**TCLP**			**12/13/24**			**12/16/24**
			TCLP BNA	8270E		12/18/24	12/19/24	

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Hit Summary Sheet
SW-846

SDG No.: P5291

Client: PARSONS Main of New York, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**MW2-20241213**								
P5291-05	MW2-20241213	WATER	2,4-Dimethylphenol		3.500	J	1.5	5.1	ug/L
P5291-05	MW2-20241213	WATER	Naphthalene		100.000	E	1	5.1	ug/L
P5291-05	MW2-20241213	WATER	2-Methylnaphthalene		30.500		1.2	5.1	ug/L
			Total Svoc :		**134.00**				
P5291-05	MW2-20241213	WATER	Benzene, (1-methylpropyl)-	*	7.800	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	Benzene, 1,2,3-trimethyl-	*	180.000	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	Benzene, 1,3-diethyl-	*	34.400	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	Benzene, 1,4-diethyl-	*	42.300	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	Benzene, 1-ethyl-2-methyl-	*	55.500	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	Benzene, 1-ethyl-3-methyl-	*	6.300	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	Benzene, 1-ethyl-4-methyl-	*	76.600	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	Benzene, 1-methyl-4-propyl-	*	18.300	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	9.000	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	Benzene, propyl-	*	48.800	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	Benzoic acid, 2,3-dimethyl-	*	8.700	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	Indane	*	140.000	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	Indane-5-carboxylic acid	*	16.600	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	Mesitylene	*	58.900	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	1,4-Pentadiene, 2,3,3-trimethyl-	*	11.700	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	2,4-Heptadiene, (E,E)-	*	6.600	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	2-Hexene, 3-methyl-, (Z)-	*	10.000	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	o-Cymene	*	29.800	J	0	0	ug/L
P5291-05	MW2-20241213	WATER	1-Methylnaphthalene	*	19.500	J	0.88	5.1	ug/L
			Total Tics :		**780.80**				
			Total Concentration:		**914.80**				
Client ID :	**MW2-20241213DL**								
P5291-05DL	MW2-20241213DL	WATER	Naphthalene		94.100	D	2.1	10.2	ug/L
P5291-05DL	MW2-20241213DL	WATER	2-Methylnaphthalene		29.800	D	2.3	10.2	ug/L
			Total Svoc :		**123.90**				
			Total Concentration:		**123.90**				
Client ID :	**MW3-20241213**								
P5291-06	MW3-20241213	WATER	2,4-Dimethylphenol		5.500		1.5	5.1	ug/L
P5291-06	MW3-20241213	WATER	Naphthalene		160.000	E	1	5.1	ug/L
P5291-06	MW3-20241213	WATER	2-Methylnaphthalene		17.400		1.2	5.1	ug/L
P5291-06	MW3-20241213	WATER	Carbazole		2.100	J	1.2	5.1	ug/L
			Total Svoc :		**185.00**				
P5291-06	MW3-20241213	WATER	n-Hexadecanoic acid	*	8.200	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: P5291

Client: PARSONS Main of New York, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P5291-06	MW3-20241213	WATER	p-Cymene	*	28.200	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	unknown9.128	*	9.400	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	Benzene, (1-ethyl-2-propenyl)-	*	27.000	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	Benzene, 1,2,3-trimethyl-	*	570.000	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	Benzene, 1,2-diethyl-	*	55.500	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	Benzene, 1-ethyl-2-methyl-	*	150.000	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	Benzene, 1-ethyl-3-methyl-	*	180.000	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	Benzene, 1-ethyl-4-methyl-	*	74.000	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	Benzene, 1-methyl-4-propyl-	*	22.300	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	Benzene, 2-ethyl-1,4-dimethyl-	*	49.700	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	Benzene, propyl-	*	39.700	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	Benzoic acid, 3,4-dimethyl-	*	15.200	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	Indane	*	190.000	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	Indene	*	67.600	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	Mesitylene	*	100.000	J	0	0	ug/L
P5291-06	MW3-20241213	WATER	1-Methylnaphthalene	*	21.600	J	0.88	5.1	ug/L
			Total Tics :		**1,608.40**				
			Total Concentration:		**1,793.40**				
Client ID :	**MW3-20241213DL**								
P5291-06DL	MW3-20241213DL	WATER	Naphthalene		170.000	D	5.2	25.5	ug/L
P5291-06DL	MW3-20241213DL	WATER	2-Methylnaphthalene		13.400	JD	5.8	25.5	ug/L
			Total Svoc :		**183.40**				
			Total Concentration:		**183.40**				
Client ID :	**MW6-20241213**								
P5291-07	MW6-20241213	WATER	Phenol		3.500	J	0.96	5.2	ug/L
P5291-07	MW6-20241213	WATER	2,4-Dimethylphenol		24.500		1.6	5.2	ug/L
P5291-07	MW6-20241213	WATER	Naphthalene		11.800		1.1	5.2	ug/L
			Total Svoc :		**39.80**				
P5291-07	MW6-20241213	WATER	Benzene, 1,2,3-trimethyl-	*	62.200	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	Benzene, 1,3-diethyl-	*	19.600	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	Benzene, 1,4-diethyl-	*	10.500	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	Benzene, 1-ethyl-2-methyl-	*	9.900	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	Benzene, 1-ethyl-3-methyl-	*	14.300	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	Benzene, 1-ethyl-4-methyl-	*	29.800	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	6.400	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	Benzene, 2-ethyl-1,4-dimethyl-	*	8.900	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	Benzoic acid, 2,4-dimethyl-	*	44.800	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	Benzoic acid, 2-methyl-	*	14.900	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	Benzoic acid, 3,4-dimethyl-	*	11.500	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: P5291

Client: PARSONS Main of New York, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P5291-07	MW6-20241213	WATER	Benzoic acid, 3,5-dimethyl-	*	14.000	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	Benzoic acid, 3-methyl-	*	7.500	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	Indane	*	38.400	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	Mesitylene	*	12.400	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	n-Hexadecanoic acid	*	6.600	J	0	0	ug/L
P5291-07	MW6-20241213	WATER	1-Methylnaphthalene	*	2.800	J	0.89	5.2	ug/L
			Total Tics :		**314.50**				
			Total Concentration:		**354.30**				
Client ID :	**MW6-20241213-A**								
P5291-10	MW6-20241213-A	WATER	Phenol		4.000	J	0.93	5	ug/L
P5291-10	MW6-20241213-A	WATER	2,4-Dimethylphenol		24.200		1.5	5	ug/L
P5291-10	MW6-20241213-A	WATER	Naphthalene		12.200		1	5	ug/L
			Total Svoc :		**40.40**				
P5291-10	MW6-20241213-A	WATER	o-Cymene	*	10.200	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	unknown3.869	*	5.900	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Benzene, 1,2,3-trimethyl-	*	65.700	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Benzene, 1,2-diethyl-	*	18.500	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Benzene, 1,4-diethyl-	*	10.400	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Benzene, 1-ethyl-2-methyl-	*	10.900	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Benzene, 1-ethyl-3-methyl-	*	14.900	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Benzene, 1-ethyl-4-methyl-	*	30.300	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	6.300	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Benzoic acid, 2,4,5-trimethyl-	*	6.200	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Benzoic acid, 2,4-dimethyl-	*	49.500	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Benzoic acid, 2-methyl-	*	15.000	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Benzoic acid, 3,4-dimethyl-	*	12.500	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Benzoic acid, 3,5-dimethyl-	*	16.000	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Benzoic acid, 3-methyl-	*	7.700	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Indane	*	38.400	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	Mesitylene	*	13.500	J	0	0	ug/L
P5291-10	MW6-20241213-A	WATER	1-Methylnaphthalene	*	3.000	J	0.86	5	ug/L
			Total Tics :		**334.90**				
			Total Concentration:		**375.30**				
Client ID :	**EQUIP-BLANK-20241213**								
P5291-11	EQUIP-BLANK-2024121	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	2.200	A	0	0	ug/L
			Total Tics :		**2.20**				
			Total Concentration:		**2.20**				

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: P5291

Client: PARSONS Main of New York, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P5291-05	MW2-20241213	2-Fluorophenol	150	65.0	43		10	139
		Phenol-d6	150	40.0	27		10	134
		Nitrobenzene-d5	100	102	102		49	133
		2-Fluorobiphenyl	100	110	110		52	132
		2,4,6-Tribromophenol	150	164	110		44	137
		Terphenyl-d14	100	108	108		48	125
P5291-05DL	MW2-20241213DL	2-Fluorophenol	150	65.0	43		10	139
		Phenol-d6	150	38.5	26		10	134
		Nitrobenzene-d5	100	96.6	97		49	133
		2-Fluorobiphenyl	100	101	101		52	132
		2,4,6-Tribromophenol	150	140	93		44	137
		Terphenyl-d14	100	107	107		48	125
P5291-06	MW3-20241213	2-Fluorophenol	150	63.9	43		10	139
		Phenol-d6	150	39.1	26		10	134
		Nitrobenzene-d5	100	99.5	99		49	133
		2-Fluorobiphenyl	100	94.7	95		52	132
		2,4,6-Tribromophenol	150	153	102		44	137
		Terphenyl-d14	100	97.0	97		48	125
P5291-06DL	MW3-20241213DL	2-Fluorophenol	150	54.8	37		10	139
		Phenol-d6	150	33.2	22		10	134
		Nitrobenzene-d5	100	94.6	95		49	133
		2-Fluorobiphenyl	100	104	104		52	132
		2,4,6-Tribromophenol	150	136	90		44	137
		Terphenyl-d14	100	107	107		48	125
P5291-07	MW6-20241213	2-Fluorophenol	150	70.2	47		10	139
		Phenol-d6	150	39.4	26		10	134
		Nitrobenzene-d5	100	103	103		49	133
		2-Fluorobiphenyl	100	89.9	90		52	132
		2,4,6-Tribromophenol	150	154	103		44	137
		Terphenyl-d14	100	119	119		48	125
P5291-08MS	MW6-20241213MS	2-Fluorophenol	150	83.9	56		10	139
		Phenol-d6	150	45.1	30		10	134
		Nitrobenzene-d5	100	103	103		49	133
		2-Fluorobiphenyl	100	97.3	97		52	132
		2,4,6-Tribromophenol	150	143	96		44	137
		Terphenyl-d14	100	101	101		48	125
P5291-09MSD	MW6-20241213MSD	2-Fluorophenol	150	64.4	43		10	139
		Phenol-d6	150	45.4	30		10	134
		Nitrobenzene-d5	100	117	117		49	133
		2-Fluorobiphenyl	100	97.8	98		52	132
		2,4,6-Tribromophenol	150	152	101		44	137
		Terphenyl-d14	100	109	109		48	125
P5291-10	MW6-20241213-A	2-Fluorophenol	150	66.6	44		10	139
		Phenol-d6	150	43.0	29		10	134
		Nitrobenzene-d5	100	105	105		49	133
		2-Fluorobiphenyl	100	96.8	97		52	132
		2,4,6-Tribromophenol	150	154	103		44	137
		Terphenyl-d14	100	106	106		48	125
P5291-11	EQUIP-BLANK-20241213	2-Fluorophenol	150	64.0	43		10	139
		Phenol-d6	150	35.0	23		10	134
		Nitrobenzene-d5	100	92.7	93		49	133

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Surrogate Summary

SW-846

SDG No.: **P5291**

Client: **PARSONS Main of New York, Inc.**

Analytical Method: **8270E**

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P5291-11	EQUIP-BLANK-20241213	2-Fluorobiphenyl	100	90.8	91		52	132
		2,4,6-Tribromophenol	150	136	91		44	137
		Terphenyl-d14	100	110	110		48	125
PB165682BL	PB165682BL	2-Fluorophenol	150	159	106		10	139
		Phenol-d6	150	157	105		10	134
		Nitrobenzene-d5	100	92.8	93		49	133
		2-Fluorobiphenyl	100	99.3	99		52	132
		2,4,6-Tribromophenol	150	147	98		44	137
		Terphenyl-d14	100	99.9	100		48	125
PB165682BS	PB165682BS	2-Fluorophenol	150	148	99		10	139
		Phenol-d6	150	148	99		10	134
		Nitrobenzene-d5	100	103	103		49	133
		2-Fluorobiphenyl	100	98.8	99		52	132
		2,4,6-Tribromophenol	150	147	98		44	137
		Terphenyl-d14	100	119	119		48	125

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5291

Client: PARSONS Main of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P5291-08MS		**Client Sample ID: MW6-20241213MS**						**DataFile: BF140912.D**			
Benzaldehyde	51	0	26.5	ug/L	52				10	137	
Phenol	51	3.50	21.3	ug/L	35				10	130	
bis(2-Chloroethyl)ether	51	0	54.3	ug/L	106				29	141	
2-Chlorophenol	51	0	45.3	ug/L	89				23	127	
2-Methylphenol	51	0	40.0	ug/L	78				37	126	
2,2-oxybis(1-Chloropropane)	51	0	56.7	ug/L	111				36	141	
Acetophenone	51	0	62.5	ug/L	123				31	164	
3+4-Methylphenols	51	0	36.6	ug/L	72				31	127	
N-Nitroso-di-n-propylamine	51	0	57.9	ug/L	114				36	147	
Hexachloroethane	51	0	62.0	ug/L	122	*			49	110	
Nitrobenzene	51	0	51.8	ug/L	102				62	112	
Isophorone	51	0	56.7	ug/L	111				39	146	
2-Nitrophenol	51	0	54.5	ug/L	107				30	148	
2,4-Dimethylphenol	51	24.5	82.5	ug/L	114				17	143	
bis(2-Chloroethoxy)methane	51	0	52.4	ug/L	103				39	143	
2,4-Dichlorophenol	51	0	50.8	ug/L	100				22	146	
Naphthalene	51	11.8	60.6	ug/L	96				17	157	
4-Chloroaniline	51	0	22.0	ug/L	43				10	95	
Hexachlorobutadiene	51	0	45.9	ug/L	90				52	125	
Caprolactam	51	0	8.60	ug/L	17				10	130	
4-Chloro-3-methylphenol	51	0	47.2	ug/L	93				17	148	
2-Methylnaphthalene	51	0	54.0	ug/L	106				38	146	
Hexachlorocyclopentadiene	100	0	62.8	ug/L	63				20	153	
2,4,6-Trichlorophenol	51	0	52.3	ug/L	103				78	112	
2,4,5-Trichlorophenol	51	0	51.1	ug/L	100				71	111	
1,1-Biphenyl	51	0	52.2	ug/L	102				38	154	
2-Chloronaphthalene	51	0	50.0	ug/L	98				41	145	
2-Nitroaniline	51	0	55.6	ug/L	109				39	151	
Dimethylphthalate	51	0	52.9	ug/L	104				42	147	
Acenaphthylene	51	0	54.9	ug/L	108				40	141	
2,6-Dinitrotoluene	51	0	49.4	ug/L	97				43	148	
3-Nitroaniline	51	0	26.0	ug/L	51				10	111	
Acenaphthene	51	0	53.3	ug/L	105				37	146	
2,4-Dinitrophenol	100	0	100	ug/L	100				14	167	
4-Nitrophenol	100	0	27.6	ug/L	28				10	130	
Dibenzofuran	51	0	51.6	ug/L	101				41	145	
2,4-Dinitrotoluene	51	0	49.9	ug/L	98				50	142	
Diethylphthalate	51	0	50.8	ug/L	100				41	148	
4-Chlorophenyl-phenylether	51	0	49.3	ug/L	97				38	149	
Fluorene	51	0	49.9	ug/L	98				39	144	
4-Nitroaniline	51	0	39.4	ug/L	77				27	138	
4,6-Dinitro-2-methylphenol	51	0	57.7	ug/L	113				32	175	
N-Nitrosodiphenylamine	51	0	58.2	ug/L	114				40	150	
4-Bromophenyl-phenylether	51	0	56.1	ug/L	110				42	151	
Hexachlorobenzene	51	0	55.8	ug/L	109				72	115	
Atrazine	51	0	63.2	ug/L	124				20	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: **P5291**

Client: **PARSONS Main of New York, Inc.**

Analytical Method: **SW8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	100	0	140	ug/L	140	*			25	139	
Phenanthrene	51	0	56.7	ug/L	111				40	147	
Anthracene	51	0	59.0	ug/L	116				41	146	
Carbazole	51	0	50.9	ug/L	100				37	154	
Di-n-butylphthalate	51	0	56.2	ug/L	110				40	151	
Fluoranthene	51	0	48.6	ug/L	95				42	146	
Pyrene	51	0	53.6	ug/L	105				41	149	
Butylbenzylphthalate	51	0	53.9	ug/L	106				39	155	
3,3-Dichlorobenzidine	51	0	23.1	ug/L	45				10	114	
Benzo(a)anthracene	51	0	51.2	ug/L	100				41	147	
Chrysene	51	0	53.2	ug/L	104				44	144	
bis(2-Ethylhexyl)phthalate	51	0	58.2	ug/L	114				33	160	
Di-n-octyl phthalate	51	0	63.0	ug/L	124				36	158	
Benzo(b)fluoranthene	51	0	50.8	ug/L	100				40	150	
Benzo(k)fluoranthene	51	0	56.1	ug/L	110				40	147	
Benzo(a)pyrene	51	0	59.3	ug/L	116				42	147	
Indeno(1,2,3-cd)pyrene	51	0	51.5	ug/L	101				30	166	
Dibenz(a,h)anthracene	51	0	52.0	ug/L	102				23	172	
Benzo(g,h,i)perylene	51	0	45.2	ug/L	89				27	167	
1,2,4,5-Tetrachlorobenzene	51	0	51.4	ug/L	101				89	102	
1,4-Dioxane	51	0	17.3	ug/L	34	*			38	130	
2,3,4,6-Tetrachlorophenol	51	0	54.7	ug/L	107				91	111	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5291

Client: PARSONS Main of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P5291-09MSD		**Client Sample ID: MW6-20241213MSD**						**DataFile: BF140913.D**			
Benzaldehyde	51.5	0	21.8	ug/L	42		21	*	10	137	20
Phenol	51.5	3.50	21.4	ug/L	35		0		10	130	20
bis(2-Chloroethyl)ether	51.5	0	56.6	ug/L	110		4		29	141	20
2-Chlorophenol	51.5	0	48.1	ug/L	93		4		23	127	20
2-Methylphenol	51.5	0	44.6	ug/L	87		11		37	126	20
2,2-oxybis(1-Chloropropane)	51.5	0	63.2	ug/L	123		10		36	141	20
Acetophenone	51.5	0	72.3	ug/L	140		13		31	164	20
3+4-Methylphenols	51.5	0	40.8	ug/L	79		9		31	127	20
N-Nitroso-di-n-propylamine	51.5	0	64.2	ug/L	125		9		36	147	20
Hexachloroethane	51.5	0	69.2	ug/L	134	*	9		49	110	20
Nitrobenzene	51.5	0	58.8	ug/L	114	*	11		62	112	20
Isophorone	51.5	0	64.0	ug/L	124		11		39	146	20
2-Nitrophenol	51.5	0	62.0	ug/L	120		11		30	148	20
2,4-Dimethylphenol	51.5	24.5	96.2	ug/L	139		20		17	143	20
bis(2-Chloroethoxy)methane	51.5	0	63.6	ug/L	123		18		39	143	20
2,4-Dichlorophenol	51.5	0	59.4	ug/L	115		14		22	146	20
Naphthalene	51.5	11.8	66.5	ug/L	106		10		17	157	20
4-Chloroaniline	51.5	0	22.5	ug/L	44		2		10	95	20
Hexachlorobutadiene	51.5	0	52.7	ug/L	102		13		52	125	20
Caprolactam	51.5	0	10.1	ug/L	20		16		10	130	20
4-Chloro-3-methylphenol	51.5	0	54.5	ug/L	106		13		17	148	20
2-Methylnaphthalene	51.5	0	62.5	ug/L	121		13		38	146	20
Hexachlorocyclopentadiene	100	0	61.9	ug/L	62		2		20	153	20
2,4,6-Trichlorophenol	51.5	0	54.4	ug/L	106		3		78	112	20
2,4,5-Trichlorophenol	51.5	0	51.7	ug/L	100		0		71	111	20
1,1-Biphenyl	51.5	0	54.3	ug/L	105		3		38	154	20
2-Chloronaphthalene	51.5	0	52.3	ug/L	102		4		41	145	20
2-Nitroaniline	51.5	0	59.1	ug/L	115		5		39	151	20
Dimethylphthalate	51.5	0	57.2	ug/L	111		7		42	147	20
Acenaphthylene	51.5	0	59.2	ug/L	115		6		40	141	20
2,6-Dinitrotoluene	51.5	0	54.9	ug/L	107		10		43	148	20
3-Nitroaniline	51.5	0	28.8	ug/L	56		9		10	111	20
Acenaphthene	51.5	0	58.0	ug/L	113		7		37	146	20
2,4-Dinitrophenol	100	0	120	ug/L	120		18		14	167	20
4-Nitrophenol	100	0	29.2	ug/L	29		4		10	130	20
Dibenzofuran	51.5	0	56.7	ug/L	110		9		41	145	20
2,4-Dinitrotoluene	51.5	0	54.9	ug/L	107		9		50	142	20
Diethylphthalate	51.5	0	52.0	ug/L	101		1		41	148	20
4-Chlorophenyl-phenylether	51.5	0	51.5	ug/L	100		3		38	149	20
Fluorene	51.5	0	52.2	ug/L	101		3		39	144	20
4-Nitroaniline	51.5	0	42.1	ug/L	82		6		27	138	20
4,6-Dinitro-2-methylphenol	51.5	0	68.7	ug/L	133		16		32	175	20
N-Nitrosodiphenylamine	51.5	0	70.4	ug/L	137		18		40	150	20
4-Bromophenyl-phenylether	51.5	0	69.4	ug/L	135		20		42	151	20
Hexachlorobenzene	51.5	0	66.3	ug/L	129	*	17		72	115	20
Atrazine	51.5	0	77.7	ug/L	151		20		20	162	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: **P5291**

Client: **PARSONS Main of New York, Inc.**

Analytical Method: **SW8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	100	0	160	ug/L	160	*	13		25	139	20
Phenanthrene	51.5	0	63.8	ug/L	124		11		40	147	20
Anthracene	51.5	0	65.7	ug/L	128		10		41	146	20
Carbazole	51.5	0	57.1	ug/L	111		10		37	154	20
Di-n-butylphthalate	51.5	0	63.2	ug/L	123		11		40	151	20
Fluoranthene	51.5	0	55.0	ug/L	107		12		42	146	20
Pyrene	51.5	0	57.4	ug/L	111		6		41	149	20
Butylbenzylphthalate	51.5	0	59.7	ug/L	116		9		39	155	20
3,3-Dichlorobenzidine	51.5	0	25.7	ug/L	50		11		10	114	20
Benzo(a)anthracene	51.5	0	58.7	ug/L	114		13		41	147	20
Chrysene	51.5	0	56.2	ug/L	109		5		44	144	20
bis(2-Ethylhexyl)phthalate	51.5	0	63.8	ug/L	124		8		33	160	20
Di-n-octyl phthalate	51.5	0	64.7	ug/L	126		2		36	158	20
Benzo(b)fluoranthene	51.5	0	55.6	ug/L	108		8		40	150	20
Benzo(k)fluoranthene	51.5	0	65.7	ug/L	128		15		40	147	20
Benzo(a)pyrene	51.5	0	66.0	ug/L	128		10		42	147	20
Indeno(1,2,3-cd)pyrene	51.5	0	57.2	ug/L	111		9		30	166	20
Dibenz(a,h)anthracene	51.5	0	57.4	ug/L	111		8		23	172	20
Benzo(g,h,i)perylene	51.5	0	47.2	ug/L	92		3		27	167	20
1,2,4,5-Tetrachlorobenzene	51.5	0	52.9	ug/L	103	*	2		89	102	20
1,4-Dioxane	51.5	0	17.4	ug/L	34	*	0		38	130	20
2,3,4,6-Tetrachlorophenol	51.5	0	63.7	ug/L	124	*	15		91	111	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5291

Client: PARSONS Main of New York, Inc.

Analytical Method: 8270E **DataFile:** BF140902.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB165682BS	Benzaldehyde	50	17.1	ug/L	34				10	162	
	Phenol	50	53.0	ug/L	106				66	118	
	bis(2-Chloroethyl)ether	50	53.5	ug/L	107		*		62	103	
	2-Chlorophenol	50	54.0	ug/L	108				70	117	
	2-Methylphenol	50	55.3	ug/L	111		*		69	109	
	2,2-oxybis(1-Chloropropane)	50	57.6	ug/L	115		*		65	100	
	Acetophenone	50	52.5	ug/L	105		*		60	104	
	3+4-Methylphenols	50	56.4	ug/L	113		*		67	106	
	N-Nitroso-di-n-propylamine	50	56.3	ug/L	113		*		57	107	
	Hexachloroethane	50	53.4	ug/L	107				76	118	
	Nitrobenzene	50	50.1	ug/L	100				58	106	
	Isophorone	50	55.9	ug/L	112		*		61	102	
	2-Nitrophenol	50	57.3	ug/L	115				70	115	
	2,4-Dimethylphenol	50	68.8	ug/L	138				42	142	
	bis(2-Chloroethoxy)methane	50	56.5	ug/L	113		*		58	109	
	2,4-Dichlorophenol	50	52.1	ug/L	104				66	115	
	Naphthalene	50	51.5	ug/L	103				64	107	
	4-Chloroaniline	50	25.7	ug/L	51				10	85	
	Hexachlorobutadiene	50	49.0	ug/L	98				69	101	
	Caprolactam	50	61.7	ug/L	123				58	128	
	4-Chloro-3-methylphenol	50	53.3	ug/L	107				65	114	
	2-Methylnaphthalene	50	49.0	ug/L	98				64	107	
	Hexachlorocyclopentadiene	100	60.4	ug/L	60				36	160	
	2,4,6-Trichlorophenol	50	51.0	ug/L	102				61	110	
	2,4,5-Trichlorophenol	50	49.8	ug/L	100				70	106	
	1,1-Biphenyl	50	51.4	ug/L	103		*		72	98	
	2-Chloronaphthalene	50	49.8	ug/L	100				59	106	
	2-Nitroaniline	50	55.3	ug/L	111				73	114	
	Dimethylphthalate	50	57.8	ug/L	116		*		64	103	
	Acenaphthylene	50	59.2	ug/L	118		*		79	103	
	2,6-Dinitrotoluene	50	50.2	ug/L	100				64	110	
	3-Nitroaniline	50	32.9	ug/L	66				28	100	
	Acenaphthene	50	53.6	ug/L	107				59	113	
	2,4-Dinitrophenol	100	110	ug/L	110				36	166	
	4-Nitrophenol	100	95.5	ug/L	96				45	147	
	Dibenzofuran	50	49.8	ug/L	100				65	106	
	2,4-Dinitrotoluene	50	50.6	ug/L	101				60	115	
	Diethylphthalate	50	51.5	ug/L	103				63	105	
	4-Chlorophenyl-phenylether	50	48.6	ug/L	97				61	104	
	Fluorene	50	49.4	ug/L	99				64	107	
	4-Nitroaniline	50	50.1	ug/L	100				55	125	
	4,6-Dinitro-2-methylphenol	50	57.2	ug/L	114				62	132	
	N-Nitrosodiphenylamine	50	55.5	ug/L	111		*		61	109	
	4-Bromophenyl-phenylether	50	53.8	ug/L	108		*		73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5291

Client: PARSONS Main of New York, Inc.

Analytical Method: 8270E **DataFile:** BF140902.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB165682BS	Hexachlorobenzene	50	52.7	ug/L	105				73	106	
	Atrazine	50	66.9	ug/L	134		*		76	120	
	Pentachlorophenol	100	100	ug/L	100				47	114	
	Phenanthrene	50	53.5	ug/L	107				62	109	
	Anthracene	50	55.5	ug/L	111		*		65	110	
	Carbazole	50	52.7	ug/L	105				62	106	
	Di-n-butylphthalate	50	54.5	ug/L	109		*		64	106	
	Fluoranthene	50	54.7	ug/L	109				64	110	
	Pyrene	50	57.3	ug/L	115		*		71	103	
	Butylbenzylphthalate	50	61.3	ug/L	123		*		61	105	
	3,3-Dichlorobenzidine	50	33.2	ug/L	66				43	108	
	Benzo(a)anthracene	50	55.9	ug/L	112		*		62	107	
	Chrysene	50	52.8	ug/L	106				61	108	
	bis(2-Ethylhexyl)phthalate	50	55.8	ug/L	112		*		59	110	
	Di-n-octyl phthalate	50	55.1	ug/L	110				52	139	
	Benzo(b)fluoranthene	50	53.3	ug/L	107				77	113	
	Benzo(k)fluoranthene	50	61.8	ug/L	124		*		77	105	
	Benzo(a)pyrene	50	58.8	ug/L	118				72	131	
	Indeno(1,2,3-cd)pyrene	50	63.3	ug/L	127		*		72	105	
	Dibenz(a,h)anthracene	50	62.2	ug/L	124		*		78	115	
	Benzo(g,h,i)perylene	50	53.8	ug/L	108				75	118	
	1,2,4,5-Tetrachlorobenzene	50	50.4	ug/L	101				72	101	
	1,4-Dioxane	50	37.3	ug/L	75				38	125	
	2,3,4,6-Tetrachlorophenol	50	51.5	ug/L	103				63	116	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165682BL

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG NO.: P5291

Lab File ID: BF140901.D Lab Sample ID: PB165682BL

Instrument ID: BNA_F Date Extracted: 12/17/2024

Matrix: (soil/water) Water Date Analyzed: 12/18/2024

Level: (low/med) LOW Time Analyzed: 13:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165682BS	PB165682BS	BF140902.D	12/18/2024
MW2-20241213	P5291-05	BF140928.D	12/19/2024
MW3-20241213	P5291-06	BF140911.D	12/18/2024
MW6-20241213	P5291-07	BF140914.D	12/18/2024
EQUIP-BLANK-20241213	P5291-11	BF140907.D	12/18/2024
MW6-20241213MS	P5291-08MS	BF140912.D	12/18/2024
MW6-20241213MSD	P5291-09MSD	BF140913.D	12/18/2024
MW6-20241213-A	P5291-10	BF140915.D	12/18/2024

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: P5291 SDG NO.: P5291

Lab File ID: BF140854.D DFTPP Injection Date: 12/16/2024

Instrument ID: BNA_F DFTPP Injection Time: 11:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.6
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.9
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	86.8
443	15.0 - 24.0% of mass 442	16.9 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF140855.D	12/16/2024	12:13
SSTDICC005	SSTDICC005	BF140856.D	12/16/2024	12:39
SSTDICC010	SSTDICC010	BF140857.D	12/16/2024	13:05
SSTDICC020	SSTDICC020	BF140858.D	12/16/2024	14:00
SSTDICCC040	SSTDICCC040	BF140859.D	12/16/2024	14:26
SSTDICC050	SSTDICC050	BF140860.D	12/16/2024	15:23
SSTDICC060	SSTDICC060	BF140861.D	12/16/2024	15:49
SSTDICC080	SSTDICC080	BF140862.D	12/16/2024	16:15

Raw Data: **BF140895.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: P5291 SDG NO.: P5291

Lab File ID: BF140895.D DFTPP Injection Date: 12/18/2024

Instrument ID: BNA_F DFTPP Injection Time: 09:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.3
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	29.2
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	95.6
443	15.0 - 24.0% of mass 442	17.6 (18.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140896.D	12/18/2024	10:43
PB165682BL	PB165682BL	BF140901.D	12/18/2024	13:12
PB165682BS	PB165682BS	BF140902.D	12/18/2024	13:37
EQUIP-BLANK-20241213	P5291-11	BF140907.D	12/18/2024	15:54
MW3-20241213	P5291-06	BF140911.D	12/18/2024	17:38
MW6-20241213MS	P5291-08MS	BF140912.D	12/18/2024	18:04
MW6-20241213MSD	P5291-09MSD	BF140913.D	12/18/2024	18:30
MW6-20241213	P5291-07	BF140914.D	12/18/2024	18:56
MW6-20241213-A	P5291-10	BF140915.D	12/18/2024	19:23

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: P5291 SDG NO.: P5291

Lab File ID: BF140917.D DFTPP Injection Date: 12/19/2024

Instrument ID: BNA_F DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.1
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	35.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	83
443	15.0 - 24.0% of mass 442	15.7 (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	BF140918.D	12/19/2024	11:38
MW3-20241213DL	P5291-06DL	BF140924.D	12/19/2024	14:21
MW2-20241213	P5291-05	BF140928.D	12/19/2024	16:05

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: P5291 SDG NO.: P5291

Lab File ID: BF140960.D DFTPP Injection Date: 12/23/2024

Instrument ID: BNA_F DFTPP Injection Time: 09:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.8
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	35.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	47.9
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	29.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	14.4
442	Greater than 50% of mass 198	94.7
443	15.0 - 24.0% of mass 442	18.5 (19.5) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140961.D	12/23/2024	10:18
MW2-20241213DL	P5291-05DL	BF140966.D	12/23/2024	15:01

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG NO.: P5291

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/18/2024

Lab File ID: BF140896.D Time Analyzed: 10:43

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	88984	6.851	307954	8.13	178243	9.89
	UPPER LIMIT	177968	7.351	615908	8.634	356486	10.386
	LOWER LIMIT	44492	6.351	153977	7.634	89121.5	9.386
	EPA SAMPLE NO.						
01	MW3-20241213	56554	6.85	228223	8.13	145439	9.88
02	MW6-20241213	62895	6.85	213782	8.13	145598	9.88
03	MW6-20241213MS	60530	6.85	235451	8.13	140282	9.89
04	MW6-20241213MSD	62132	6.85	234141	8.13	146078	9.89
05	MW6-20241213-A	55545	6.85	235361	8.13	145926	9.88
06	EQUIP-BLANK-20241213	68564	6.85	271005	8.13	166965	9.88
07	PB165682BL	57419	6.85	271902	8.13	163491	9.88
08	PB165682BS	69271	6.85	278195	8.13	161313	9.89

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.: P5291 SAS No.: P5291 SDG NO.: P5291

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/18/2024

Lab File ID: BF140896.D Time Analyzed: 10:43

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	366627	11.381	240438	14.039	194500	15.533
	UPPER LIMIT	733254	11.881	480876	14.539	389000	16.033
	LOWER LIMIT	183314	10.881	120219	13.539	97250	15.033
	EPA SAMPLE NO.						
01	MW3-20241213	254549	11.38	165146	14.03	165993	15.52
02	MW6-20241213	265192	11.37	138770	14.02	153106	15.51
03	MW6-20241213MS	244956	11.38	147078	14.03	150433	15.54
04	MW6-20241213MSD	223868	11.38	147858	14.03	142833	15.54
05	MW6-20241213-A	253299	11.38	156863	14.02	149587	15.51
06	EQUIP-BLANK-20241213	332226	11.37	166648	14.03	153161	15.51
07	PB165682BL	302090	11.37	235033	14.03	191250	15.53
08	PB165682BS	297522	11.38	194019	14.03	159882	15.53

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.: P5291 SAS No.: P5291 SDG NO.: P5291

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/19/2024

Lab File ID: BF140918.D Time Analyzed: 11:38

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	84249	6.851	305577	8.13	170469	9.89
	UPPER LIMIT	168498	7.351	611154	8.628	340938	10.386
	LOWER LIMIT	42124.5	6.351	152789	7.628	85234.5	9.386
	EPA SAMPLE NO.						
01	MW2-20241213	57762	6.85	194711	8.13	97803	9.88
02	MW3-20241213DL	62503	6.85	247280	8.13	131466	9.88

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.: P5291 SAS No.: P5291 SDG NO.: P5291

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/19/2024

Lab File ID: BF140918.D Time Analyzed: 11:38

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	341650	11.38	232895	14.033	172998	15.515
	UPPER LIMIT	683300	11.88	465790	14.533	345996	16.015
	LOWER LIMIT	170825	10.88	116448	13.533	86499	15.015
	EPA SAMPLE NO.						
01	MW2-20241213	191963	11.37	119938	14.03	149451	15.52
02	MW3-20241213DL	224739	11.37	136937	14.03	140691	15.53

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.: P5291 SAS No.: P5291 SDG NO.: P5291

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/23/2024

Lab File ID: BF140961.D Time Analyzed: 10:18

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	61135	6.851	219500	8.13	122112	9.89
	UPPER LIMIT	122270	7.351	439000	8.628	244224	10.386
	LOWER LIMIT	30567.5	6.351	109750	7.628	61056	9.386
	EPA SAMPLE NO.						
01	MW2-20241213DL	58565	6.85	225919	8.13	131761	9.88

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.: P5291 SAS No.: P5291 SDG NO.: P5291

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/23/2024

Lab File ID: BF140961.D Time Analyzed: 10:18

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	222339	11.374	134875	14.033	144038	15.533
	UPPER LIMIT	444678	11.874	269750	14.533	288076	16.033
	LOWER LIMIT	111170	10.874	67437.5	13.533	72019	15.033
	EPA SAMPLE NO.						
01	MW2-20241213DL	224646	11.38	137117	14.05	130425	15.59

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

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

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

SAMPLE DATA

Raw Data: **BF140928.D**

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Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW2-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-05	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140928.D	1	12/17/24 08:56	12/19/24 16:05	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.2	ug/L
108-95-2	Phenol	0.95	U	0.95	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	UQ	1.20	5.10	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	5.10	ug/L
95-48-7	2-Methylphenol	1.20	UQ	1.20	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	UQ	1.40	5.10	ug/L
98-86-2	Acetophenone	1.10	UQ	1.10	5.10	ug/L
65794-96-9	3+4-Methylphenols	1.20	UQ	1.20	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	UQ	1.50	2.60	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.10	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.10	ug/L
78-59-1	Isophorone	1.20	UQ	1.20	5.10	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.10	ug/L
105-67-9	2,4-Dimethylphenol	3.50	J	1.50	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	UQ	1.00	5.10	ug/L
120-83-2	2,4-Dichlorophenol	0.90	U	0.90	5.10	ug/L
91-20-3	Naphthalene	100	E	1.00	5.10	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.10	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.10	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	5.10	ug/L
91-57-6	2-Methylnaphthalene	30.5		1.20	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	5.10	U	5.10	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.10	ug/L
92-52-4	1,1-Biphenyl	0.93	UQ	0.93	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	5.10	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.10	ug/L
131-11-3	Dimethylphthalate	0.95	UQ	0.95	5.10	ug/L

Raw Data: **BF140928.D**

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Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW2-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-05	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140928.D	1	12/17/24 08:56	12/19/24 16:05	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.10	UQ	1.10	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	1.30	U	1.30	5.10	ug/L
99-09-2	3-Nitroaniline	1.40	U	1.40	5.10	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	5.10	ug/L
51-28-5	2,4-Dinitrophenol	6.60	U	6.60	10.2	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.10	ug/L
84-66-2	Diethylphthalate	1.10	U	1.10	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.00	U	1.00	5.10	ug/L
86-73-7	Fluorene	0.98	U	0.98	5.10	ug/L
100-01-6	4-Nitroaniline	2.10	U	2.10	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	UQ	0.91	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	UQ	0.97	5.10	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.10	ug/L
1912-24-9	Atrazine	1.30	UQ	1.30	5.10	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	5.10	ug/L
120-12-7	Anthracene	1.10	UQ	1.10	5.10	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.50	UQ	1.50	5.10	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.10	ug/L
129-00-0	Pyrene	1.10	UQ	1.10	5.10	ug/L
85-68-7	Butylbenzylphthalate	2.10	UQ	2.10	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	UQ	0.96	5.10	ug/L
218-01-9	Chrysene	0.88	U	0.88	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	UQ	1.90	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.10	ug/L

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW2-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-05	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140928.D	1	12/17/24 08:56	12/19/24 16:05	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	UQ	1.20	5.10	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	UQ	1.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	UQ	1.20	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.10	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	65.0		10 - 139	43%	SPK: 150
13127-88-3	Phenol-d6	40.0		10 - 134	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	102		49 - 133	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	110		52 - 132	110%	SPK: 100
118-79-6	2,4,6-Tribromophenol	164		44 - 137	110%	SPK: 150
1718-51-0	Terphenyl-d14	108		48 - 125	108%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	57800	6.851			
1146-65-2	Naphthalene-d8	195000	8.128			
15067-26-2	Acenaphthene-d10	97800	9.88			
1517-22-2	Phenanthrene-d10	192000	11.374			
1719-03-5	Chrysene-d12	120000	14.027			
1520-96-3	Perylene-d12	149000	15.515			
TENTATIVE IDENTIFIED COMPOUNDS						
010574-36-4	2-Hexene, 3-methyl-, (Z)-	10.0	J		2.49	ug/L
002384-94-3	2,4-Heptadiene, (E,E)-	6.60	J		3.59	ug/L
000756-02-5	1,4-Pentadiene, 2,3,3-trimethyl-	11.7	J		4.60	ug/L
000103-65-1	Benzene, propyl-	48.8	J		6.30	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	6.30	J		6.37	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	55.5	J		6.40	ug/L
000108-67-8	Mesitylene	58.9	J		6.45	ug/L

Raw Data: **BF140928.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW2-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-05	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140928.D	1	12/17/24 08:56	12/19/24 16:05	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000526-73-8	Benzene, 1,2,3-trimethyl-	180	J		6.67	ug/L
000135-98-8	Benzene, (1-methylpropyl)-	7.80	J		6.79	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	76.6	J		6.90	ug/L
000496-11-7	Indane	140	J		7.03	ug/L
000141-93-5	Benzene, 1,3-diethyl-	34.4	J		7.09	ug/L
000105-05-5	Benzene, 1,4-diethyl-	42.3	J		7.16	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	18.3	J		7.23	ug/L
000527-84-4	o-Cymene	29.8	J		7.31	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	9.00	J		7.86	ug/L
90-12-0	1-Methylnaphthalene	19.5	J		8.94	ug/L
000603-79-2	Benzoic acid, 2,3-dimethyl-	8.70	J		9.03	ug/L
065898-38-6	Indane-5-carboxylic acid	16.6	J		10.2	ug/L

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 (LSC Reviewed)

Sample Results: **BF140928.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140928.D
Acq On : 19 Dec 2024 16:05
Operator : RC/JU
Sample : P5291-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20241213

Quant Time: Dec 19 16:34:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	57762	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	194711	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	97803	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	191963	20.000	ng	0.00
76) Chrysene-d12	14.027	240	119938	20.000	ng	0.00
86) Perylene-d12	15.515	264	149451	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	227929	64.958	ng	0.00
7) Phenol-d6	6.504	99	185862	39.992	ng	0.00
23) Nitrobenzene-d5	7.416	82	398707	102.448	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	190170	164.403	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	784489	110.278	ng	0.00
79) Terphenyl-d14	12.957	244	819862	107.790	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.810	122	7300	3.404	ng	92
31) Naphthalene	8.151	128	1085620	101.501	ng	99
37) 2-Methylnaphthalene	8.839	142	211474	29.890	ng	98
38) 1-Methylnaphthalene	8.939	142	133791	19.121	ng	98

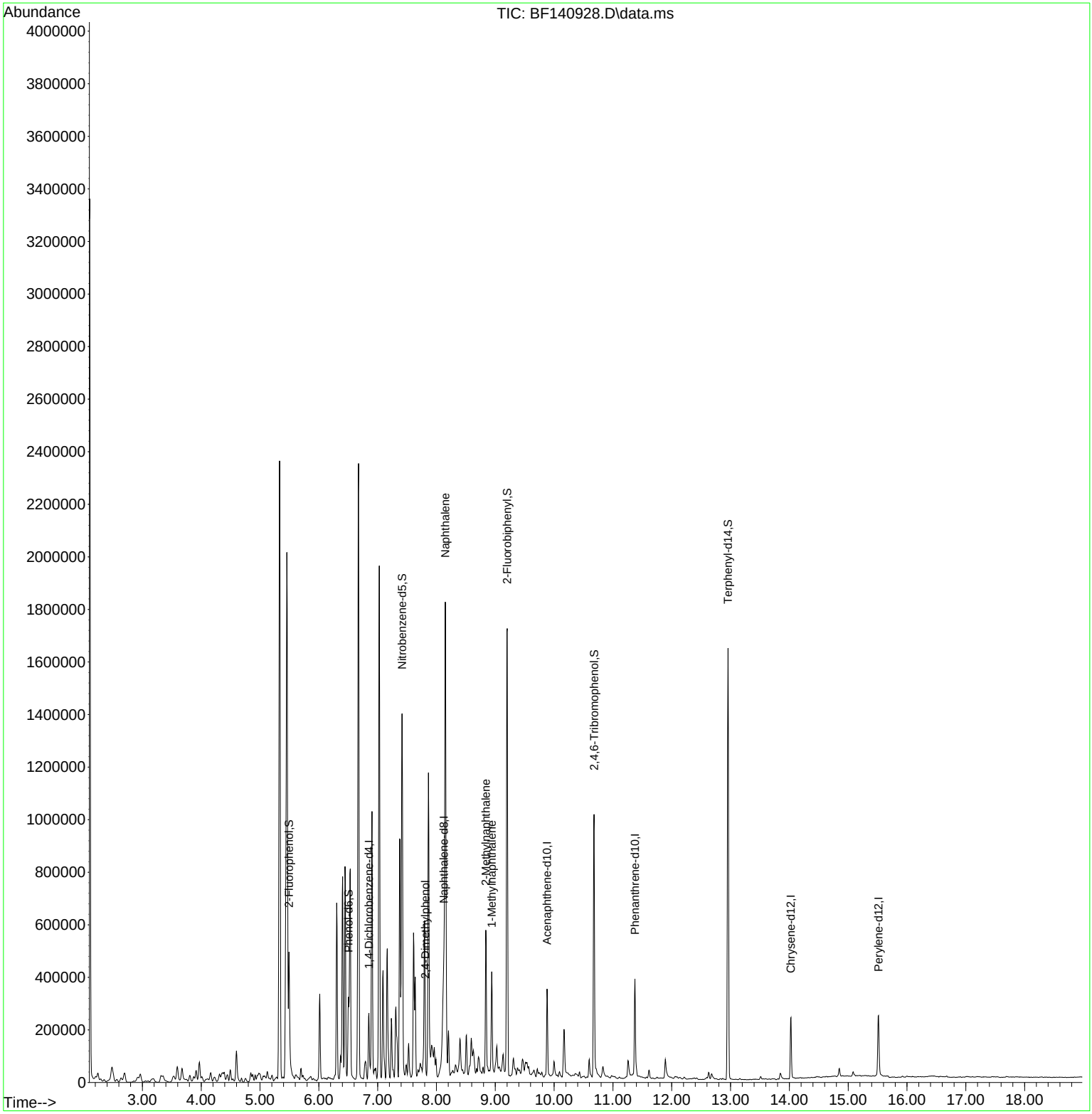
(#) = qualifier out of range (m) = manual integration (+) = signals summed

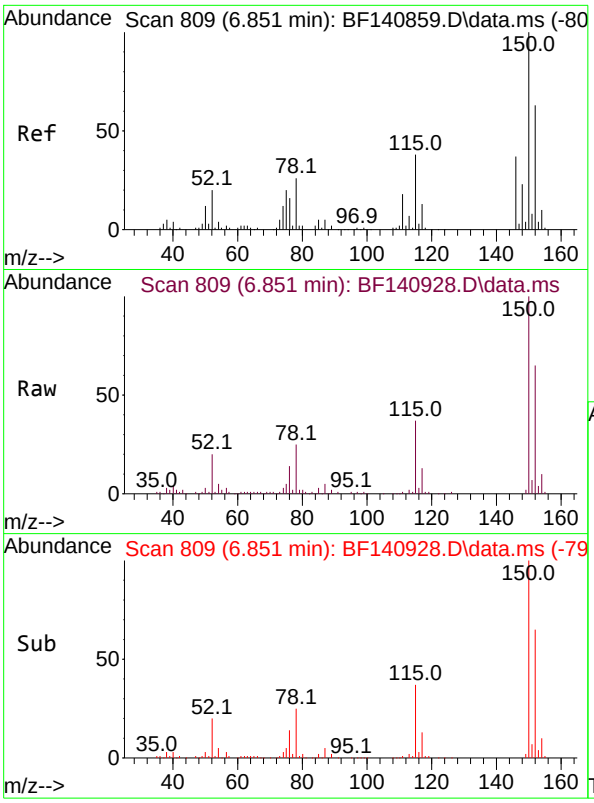
Sample Results: **BF140928.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140928.D
Acq On : 19 Dec 2024 16:05
Operator : RC/JU
Sample : P5291-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20241213

Quant Time: Dec 19 16:34:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



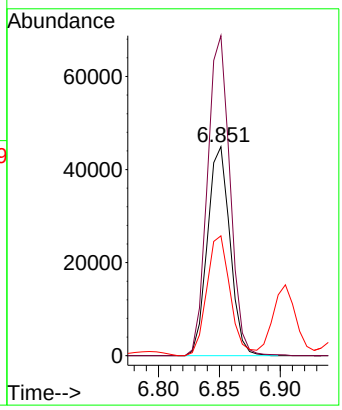


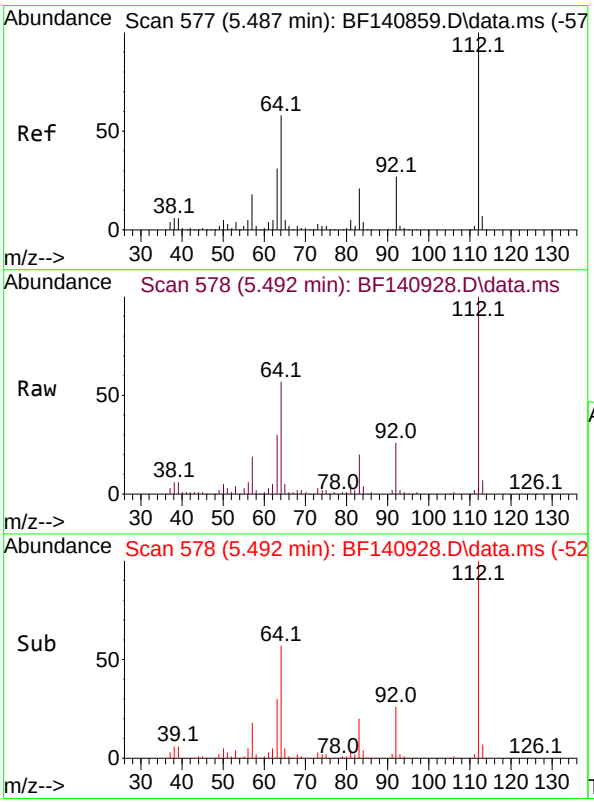
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Instrument :
BNA_F
ClientSampleId :
MW2-20241213

Tgt Ion:152 Resp: 57762

Ion	Ratio	Lower	Upper
152	100		
150	153.2	127.9	191.9
115	57.4	48.0	72.0

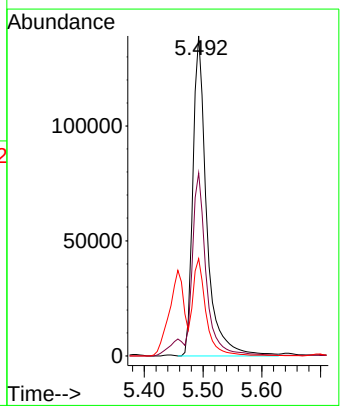


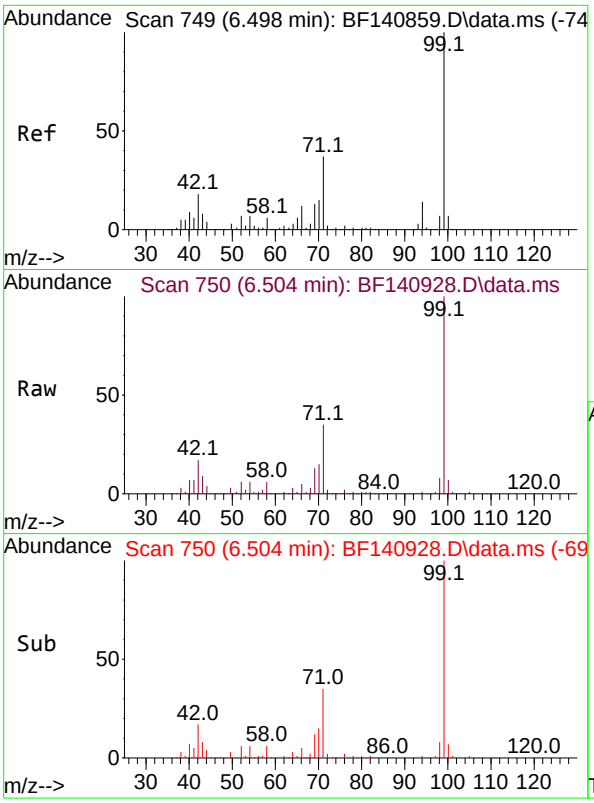


#5
2-Fluorophenol
Concen: 64.958 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Tgt Ion:112 Resp: 227929

Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.1	69.1
63	30.4	24.9	37.3



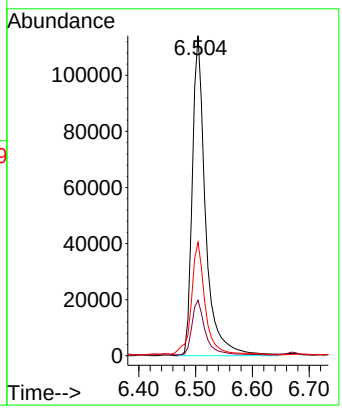


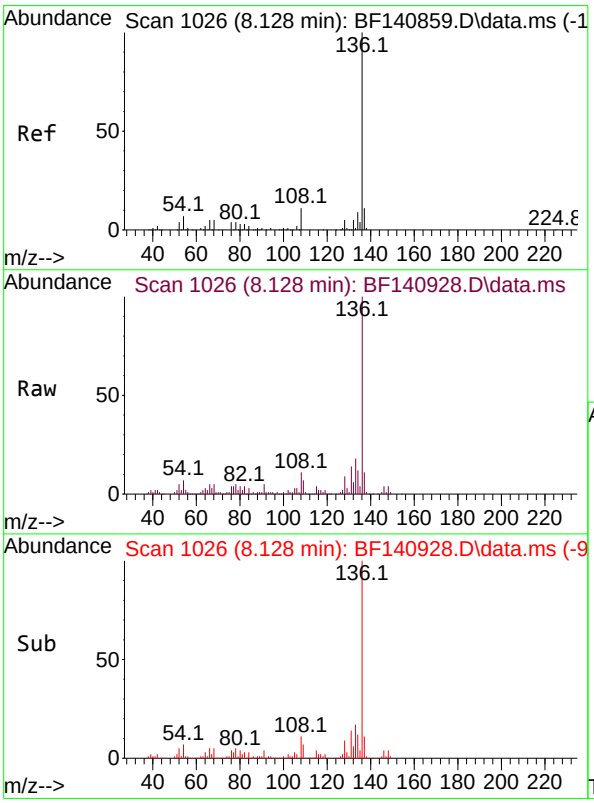
#7
Phenol-d6
Concen: 39.992 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Instrument :
BNA_F
ClientSampleId :
MW2-20241213

Tgt Ion: 99 Resp: 185862

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.3	21.5
71	35.4	29.9	44.9

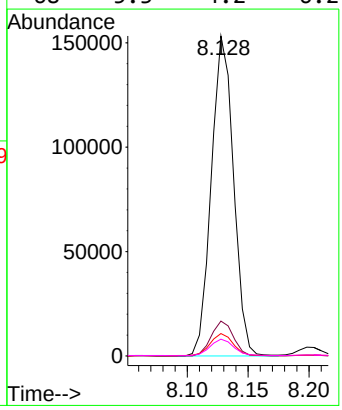


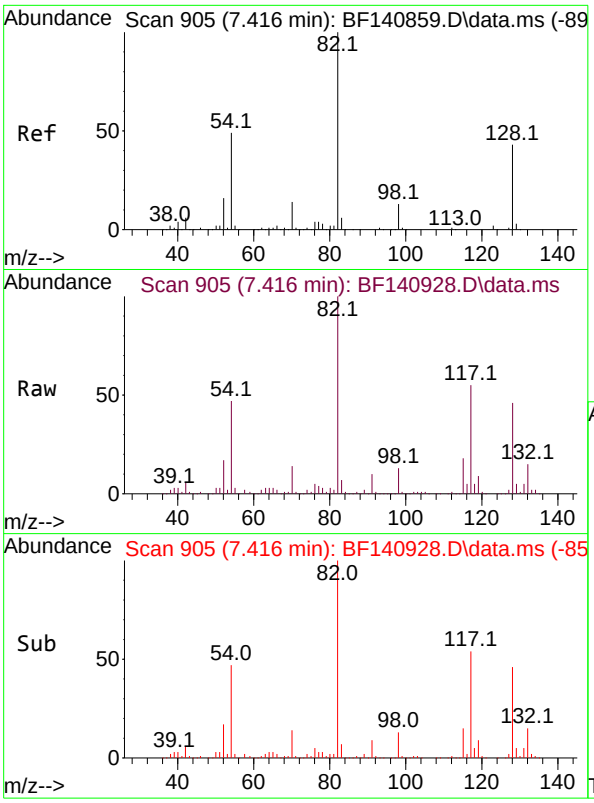


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Tgt Ion:136 Resp: 194711

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.0	5.6	8.4
68	5.3	4.2	6.2



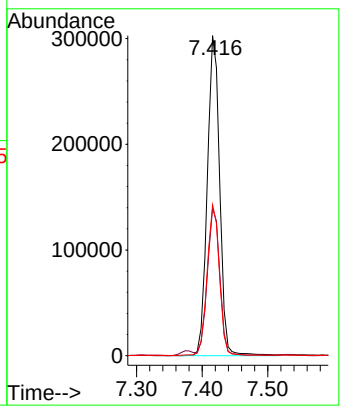


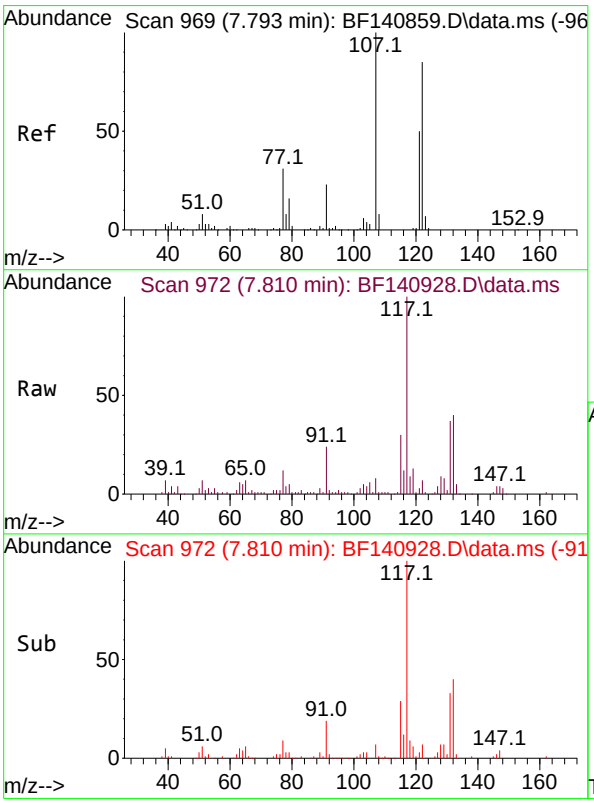
#23
Nitrobenzene-d5
Concen: 102.448 ng
RT: 7.416 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Instrument :
BNA_F
ClientSampleId :
MW2-20241213

Tgt Ion: 82 Resp: 398707

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.4	51.6
54	47.2	38.8	58.2

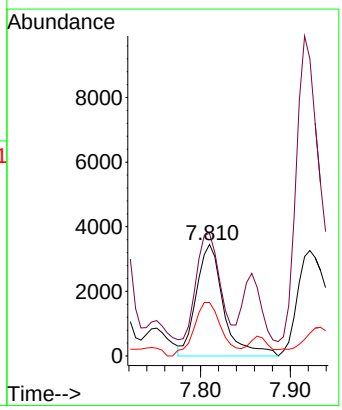


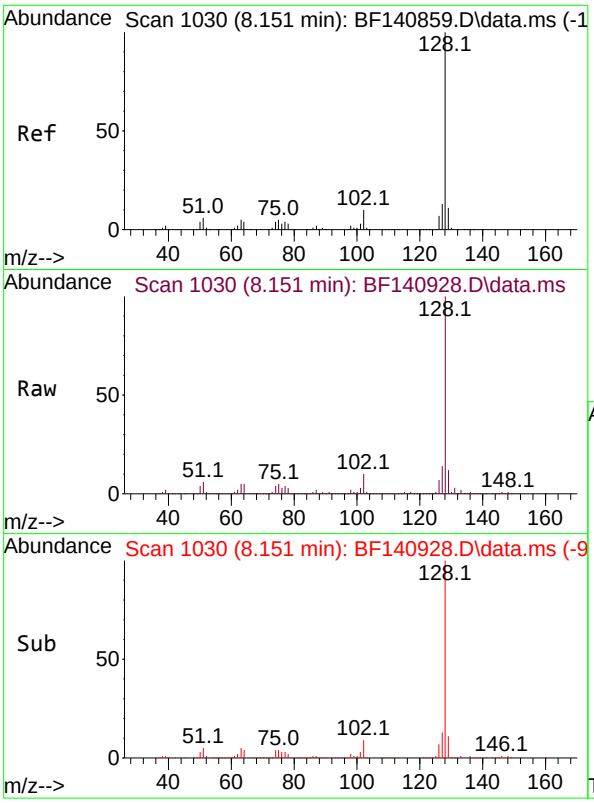


#27
2,4-Dimethylphenol
Concen: 3.404 ng
RT: 7.810 min Scan# 972
Delta R.T. 0.017 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Tgt Ion:122 Resp: 7300

Ion	Ratio	Lower	Upper
122	100		
107	109.9	92.6	139.0
121	48.0	45.8	68.8



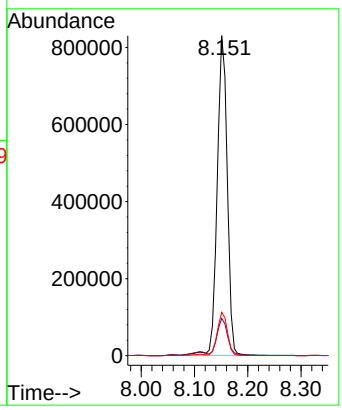


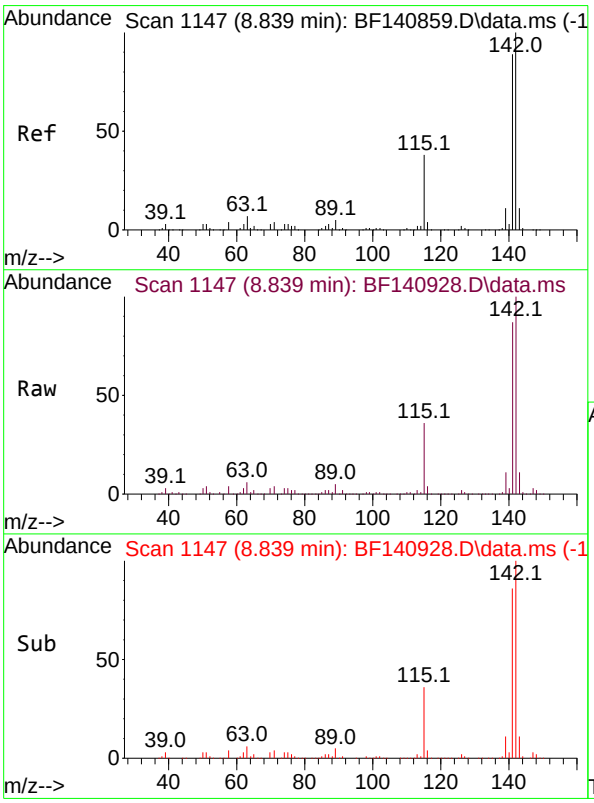
#31
Naphthalene
Concen: 101.501 ng
RT: 8.151 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Instrument :
BNA_F
ClientSampleId :
MW2-20241213

Tgt Ion:128 Resp: 1085620

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.6	10.6	16.0

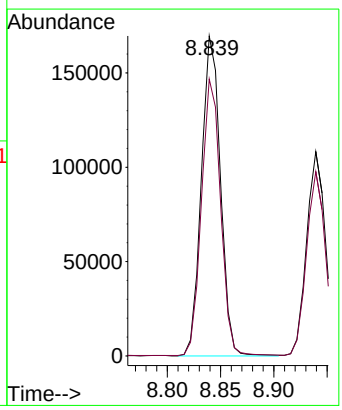


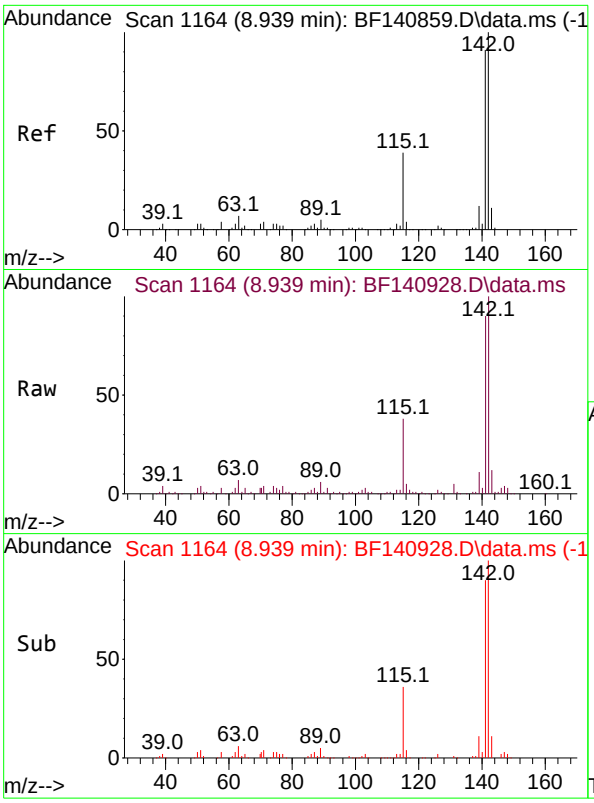


#37
2-Methylnaphthalene
Concen: 29.890 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Tgt Ion:142 Resp: 211474

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.0	106.6



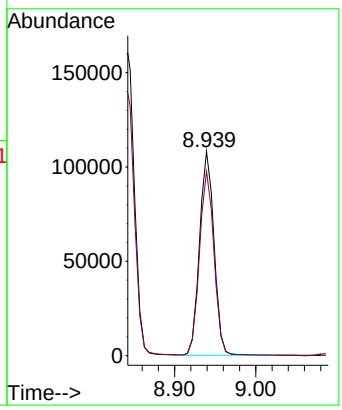


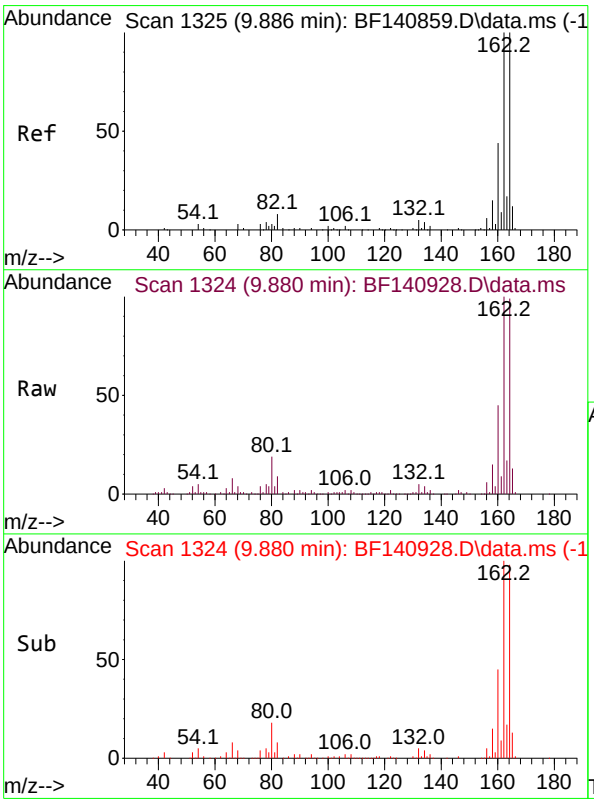
#38
1-Methylnaphthalene
Concen: 19.121 ng
RT: 8.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Instrument :
BNA_F
ClientSampleId :
MW2-20241213

Tgt Ion:142 Resp: 133791

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.4	110.0

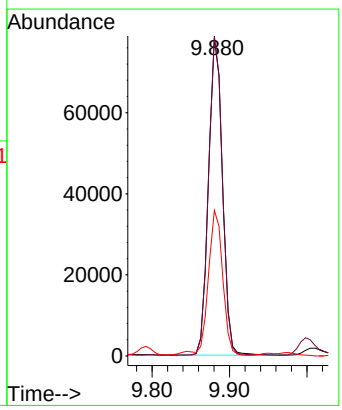


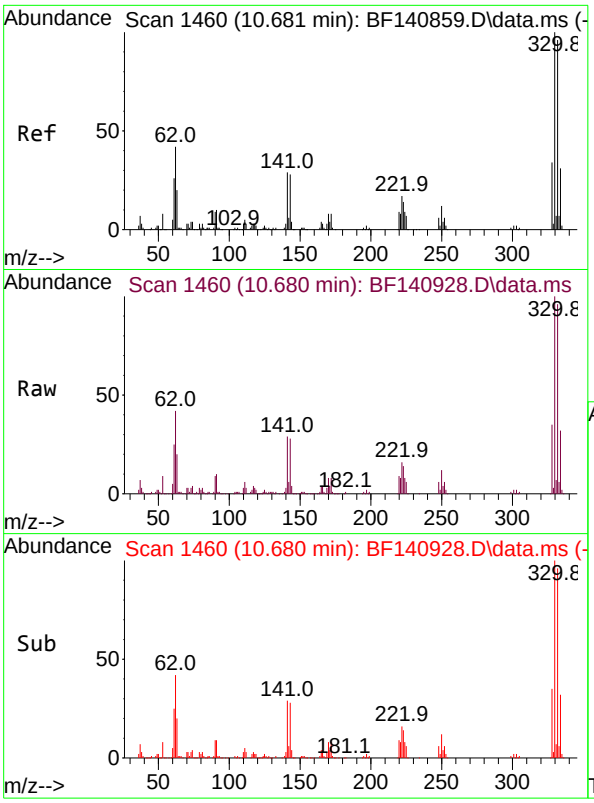


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Tgt Ion:164 Resp: 97803

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.9	119.9
160	45.7	35.2	52.8



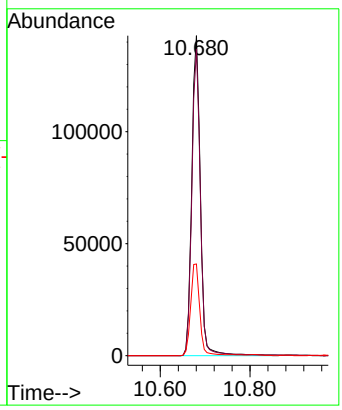


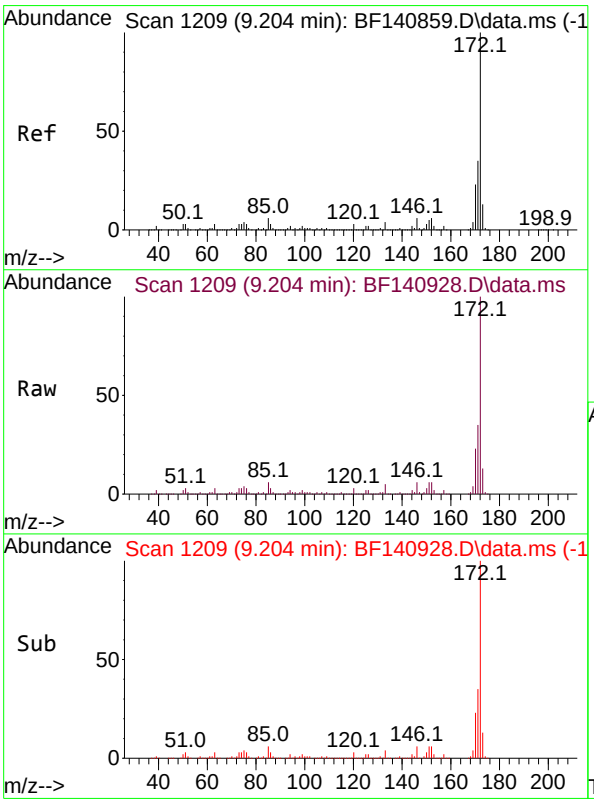
#42
2,4,6-Tribromophenol
Concen: 164.403 ng
RT: 10.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Instrument :
BNA_F
ClientSampleId :
MW2-20241213

Tgt Ion:330 Resp: 190170

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	30.6	24.9	37.3

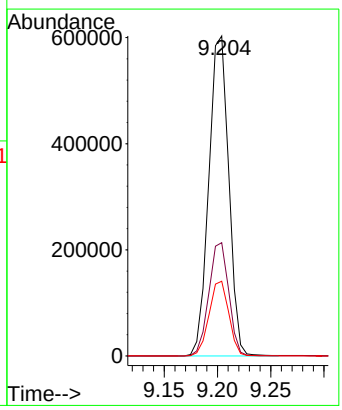


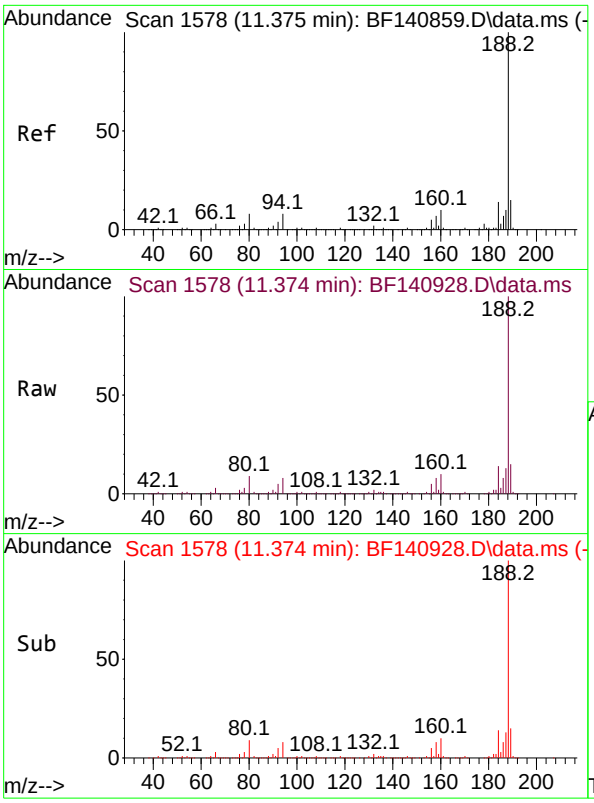


#45
2-Fluorobiphenyl
Concen: 110.278 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Tgt Ion:172 Resp: 784489

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.4	42.6
170	23.3	18.6	28.0



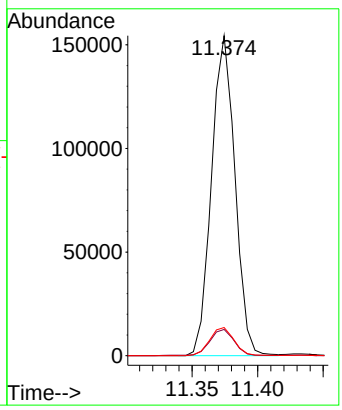


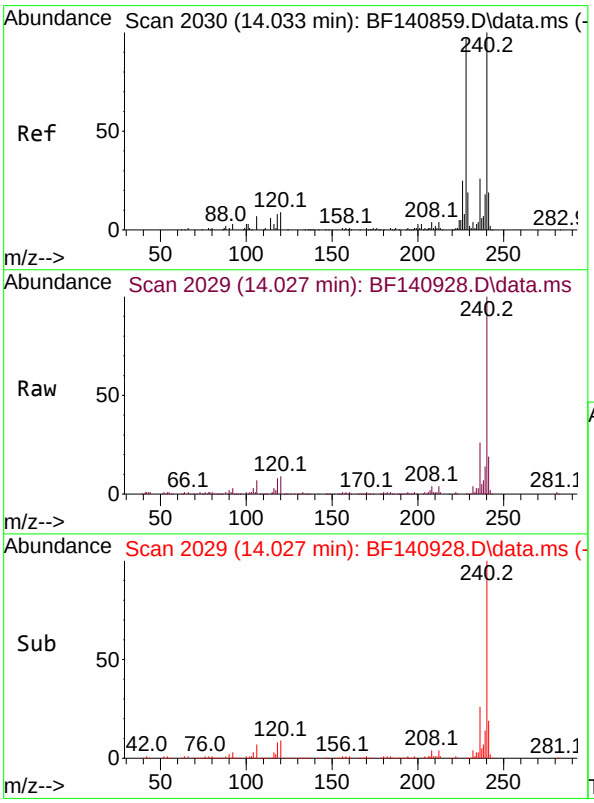
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Instrument :
BNA_F
ClientSampleId :
MW2-20241213

Tgt Ion:188 Resp: 191963

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.4	9.6
80	8.8	6.8	10.2

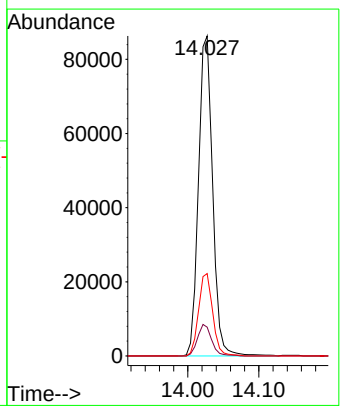


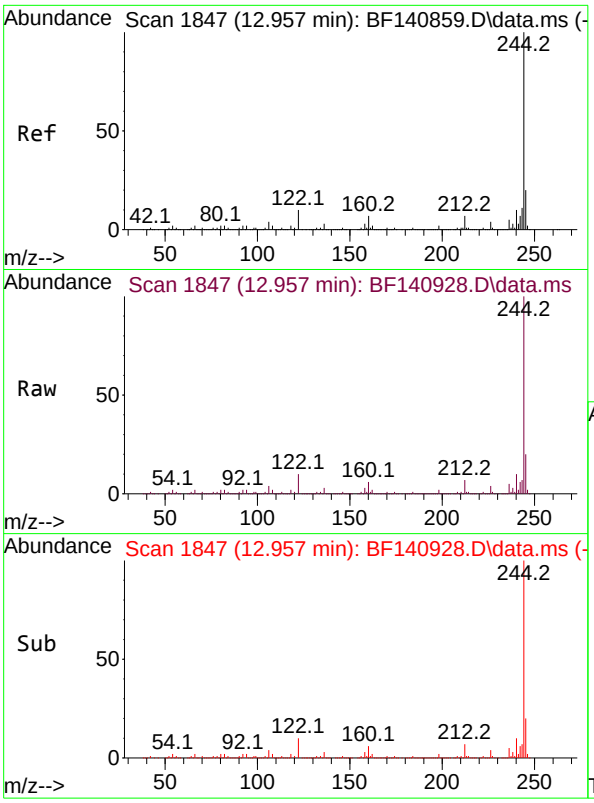


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Tgt Ion:240 Resp: 119938

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.6	11.4
236	25.7	20.5	30.7



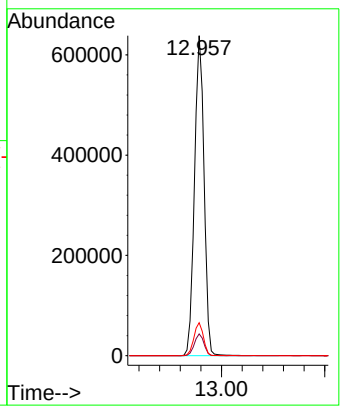


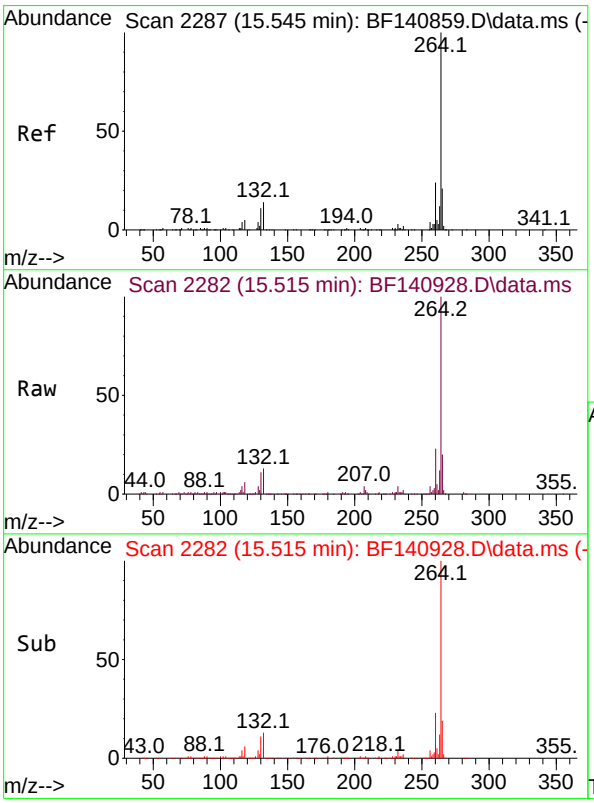
#79
Terphenyl-d14
Concen: 107.790 ng
RT: 12.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Instrument :
BNA_F
ClientSampleId :
MW2-20241213

Tgt Ion:244 Resp: 819862

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.3	8.2	12.2

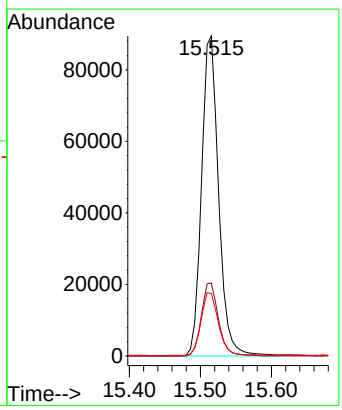




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.030 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Tgt Ion:264 Resp: 149451

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	19.6	17.0	25.4



Raw Data: **BF140966.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW2-20241213DL	SDG No.:	P5291
Lab Sample ID:	P5291-05DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140966.D	2	12/17/24 08:56	12/23/24 15:01	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	8.20	UD	8.20	20.4	ug/L
108-95-2	Phenol	1.90	UD	1.90	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	2.40	UDQ	2.40	10.2	ug/L
95-57-8	2-Chlorophenol	1.40	UD	1.40	10.2	ug/L
95-48-7	2-Methylphenol	2.30	UDQ	2.30	10.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.80	UDQ	2.80	10.2	ug/L
98-86-2	Acetophenone	2.20	UDQ	2.20	10.2	ug/L
65794-96-9	3+4-Methylphenols	2.30	UDQ	2.30	20.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	3.00	UDQ	3.00	5.10	ug/L
67-72-1	Hexachloroethane	2.10	UD	2.10	10.2	ug/L
98-95-3	Nitrobenzene	2.60	UD	2.60	10.2	ug/L
78-59-1	Isophorone	2.30	UDQ	2.30	10.2	ug/L
88-75-5	2-Nitrophenol	4.00	UD	4.00	10.2	ug/L
105-67-9	2,4-Dimethylphenol	3.10	UD	3.10	10.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.10	UDQ	2.10	10.2	ug/L
120-83-2	2,4-Dichlorophenol	1.80	UD	1.80	10.2	ug/L
91-20-3	Naphthalene	94.1	D	2.10	10.2	ug/L
106-47-8	4-Chloroaniline	2.70	UD	2.70	10.2	ug/L
87-68-3	Hexachlorobutadiene	2.60	UD	2.60	10.2	ug/L
105-60-2	Caprolactam	3.40	UD	3.40	20.4	ug/L
59-50-7	4-Chloro-3-methylphenol	1.70	UD	1.70	10.2	ug/L
91-57-6	2-Methylnaphthalene	29.8	D	2.30	10.2	ug/L
77-47-4	Hexachlorocyclopentadiene	10.2	UD	10.2	20.4	ug/L
88-06-2	2,4,6-Trichlorophenol	1.80	UD	1.80	10.2	ug/L
95-95-4	2,4,5-Trichlorophenol	2.10	UD	2.10	10.2	ug/L
92-52-4	1,1-Biphenyl	1.90	UDQ	1.90	10.2	ug/L
91-58-7	2-Chloronaphthalene	2.00	UD	2.00	10.2	ug/L
88-74-4	2-Nitroaniline	2.90	UD	2.90	10.2	ug/L
131-11-3	Dimethylphthalate	1.90	UDQ	1.90	10.2	ug/L

Raw Data: **BF140966.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW2-20241213DL	SDG No.:	P5291
Lab Sample ID:	P5291-05DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140966.D	2	12/17/24 08:56	12/23/24 15:01	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	2.10	UDQ	2.10	10.2	ug/L
606-20-2	2,6-Dinitrotoluene	2.50	UD	2.50	10.2	ug/L
99-09-2	3-Nitroaniline	2.80	UD	2.80	10.2	ug/L
83-32-9	Acenaphthene	1.70	UD	1.70	10.2	ug/L
51-28-5	2,4-Dinitrophenol	13.1	UD	13.1	20.4	ug/L
100-02-7	4-Nitrophenol	4.10	UD	4.10	20.4	ug/L
132-64-9	Dibenzofuran	1.90	UD	1.90	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	3.10	UD	3.10	10.2	ug/L
84-66-2	Diethylphthalate	2.10	UD	2.10	10.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.00	UD	2.00	10.2	ug/L
86-73-7	Fluorene	2.00	UD	2.00	10.2	ug/L
100-01-6	4-Nitroaniline	4.20	UD	4.20	10.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.30	UD	6.30	20.4	ug/L
86-30-6	n-Nitrosodiphenylamine	1.80	UDQ	1.80	10.2	ug/L
101-55-3	4-Bromophenyl-phenylether	1.90	UDQ	1.90	10.2	ug/L
118-74-1	Hexachlorobenzene	2.30	UD	2.30	10.2	ug/L
1912-24-9	Atrazine	2.60	UDQ	2.60	10.2	ug/L
87-86-5	Pentachlorophenol	3.80	UD	3.80	20.4	ug/L
85-01-8	Phenanthrene	1.80	UD	1.80	10.2	ug/L
120-12-7	Anthracene	2.20	UDQ	2.20	10.2	ug/L
86-74-8	Carbazole	2.30	UD	2.30	10.2	ug/L
84-74-2	Di-n-butylphthalate	3.00	UDQ	3.00	10.2	ug/L
206-44-0	Fluoranthene	2.60	UD	2.60	10.2	ug/L
129-00-0	Pyrene	2.20	UDQ	2.20	10.2	ug/L
85-68-7	Butylbenzylphthalate	4.30	UDQ	4.30	10.2	ug/L
91-94-1	3,3-Dichlorobenzidine	2.60	UD	2.60	20.4	ug/L
56-55-3	Benzo(a)anthracene	1.90	UDQ	1.90	10.2	ug/L
218-01-9	Chrysene	1.80	UD	1.80	10.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.90	UDQ	3.90	10.2	ug/L
117-84-0	Di-n-octyl phthalate	5.10	UD	5.10	20.4	ug/L
205-99-2	Benzo(b)fluoranthene	2.30	UD	2.30	10.2	ug/L

Raw Data: **BF140966.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW2-20241213DL	SDG No.:	P5291
Lab Sample ID:	P5291-05DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140966.D	2	12/17/24 08:56	12/23/24 15:01	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	2.40	UDQ	2.40	10.2	ug/L
50-32-8	Benzo(a)pyrene	3.40	UD	3.40	10.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.10	UDQ	2.10	10.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	2.30	UDQ	2.30	10.2	ug/L
191-24-2	Benzo(g,h,i)perylene	2.40	UD	2.40	10.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.20	UD	2.20	10.2	ug/L
123-91-1	1,4-Dioxane	2.60	UD	2.60	10.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.60	UD	1.60	10.2	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	65.0		10 - 139	43%	SPK: 150
13127-88-3	Phenol-d6	38.5		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.6		49 - 133	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		52 - 132	101%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	107		48 - 125	107%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	58600	6.845			
1146-65-2	Naphthalene-d8	226000	8.128			
15067-26-2	Acenaphthene-d10	132000	9.881			
1517-22-2	Phenanthrene-d10	225000	11.375			
1719-03-5	Chrysene-d12	137000	14.051			
1520-96-3	Perylene-d12	130000	15.586			

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: **BF140966.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140966.D
Acq On : 23 Dec 2024 15:01
Operator : RC/JU
Sample : P5291-05DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20241213DL

Quant Time: Dec 23 15:36:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	58565	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	225919	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	131761	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	224646	20.000	ng	0.00
76) Chrysene-d12	14.051	240	137117	20.000	ng	0.02
86) Perylene-d12	15.586	264	130425	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	115697	32.521	ng	0.01
7) Phenol-d6	6.510	99	90601	19.227	ng	0.01
23) Nitrobenzene-d5	7.416	82	218048	48.288	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	109129	70.028	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	484923	50.599	ng	0.00
79) Terphenyl-d14	12.957	244	465565	53.541	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.151	128	572174	46.106	ng	99
37) 2-Methylnaphthalene	8.839	142	120020	14.620	ng	100
38) 1-Methylnaphthalene	8.939	142	76198	9.385	ng	99

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

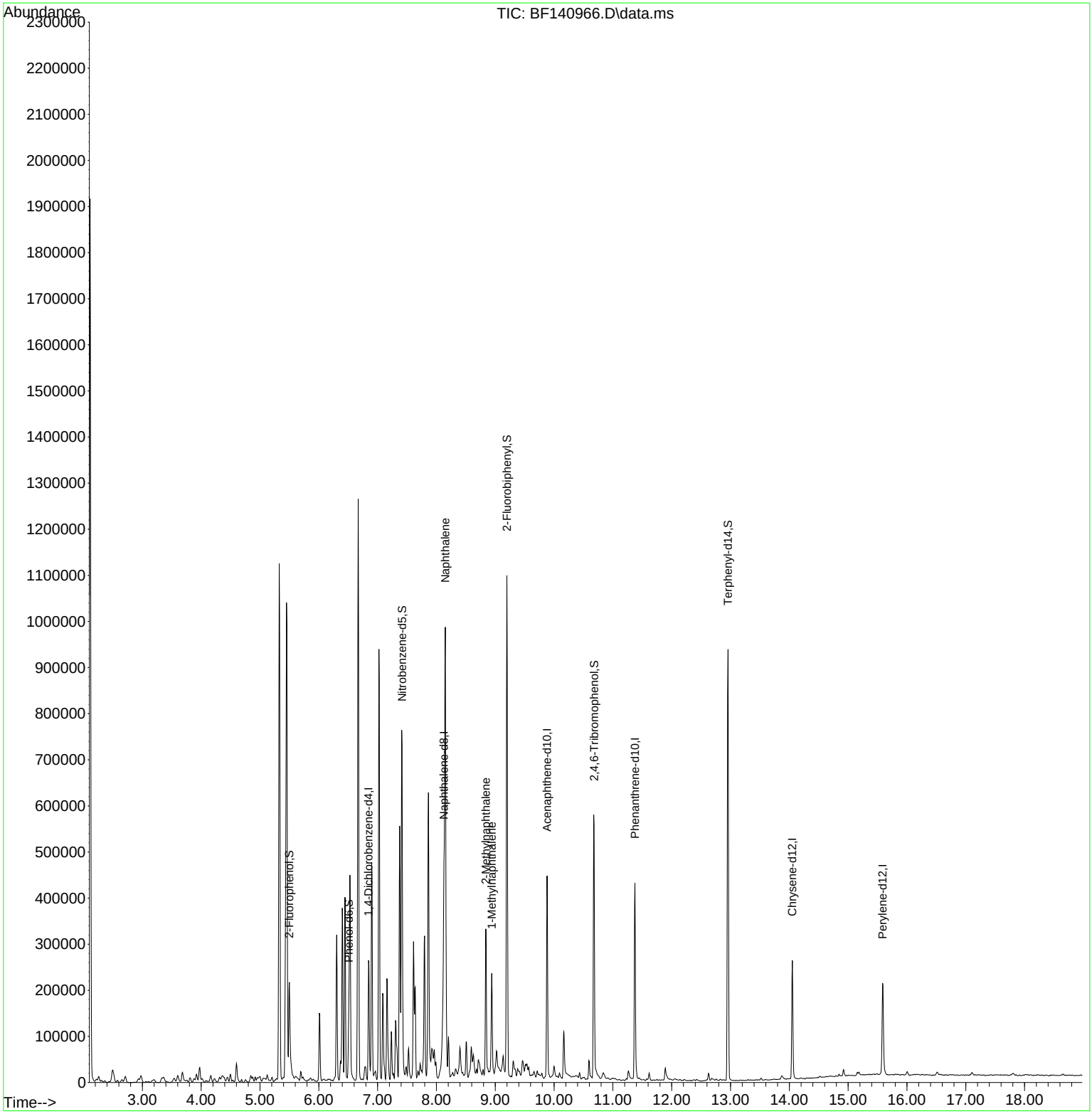
Quantitation Report (QT Reviewed)

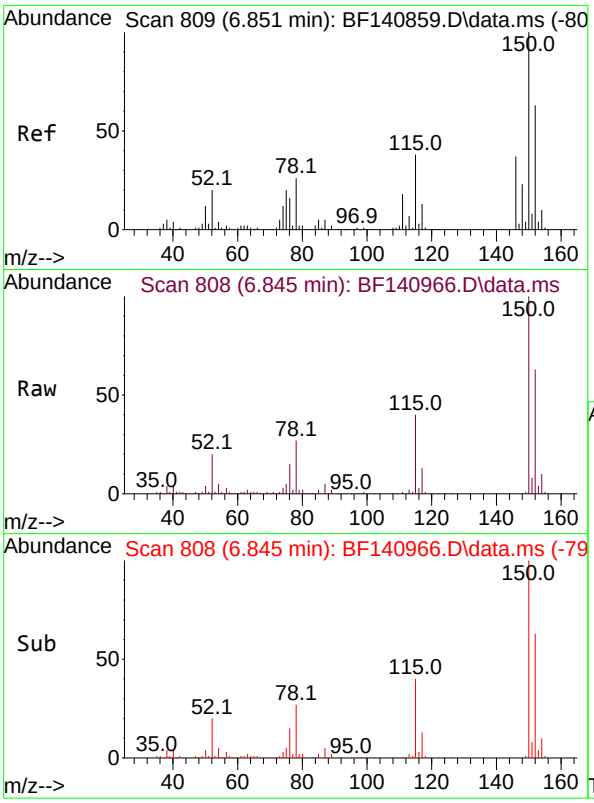
Sample Results: **BF140966.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140966.D
Acq On : 23 Dec 2024 15:01
Operator : RC/JU
Sample : P5291-05DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20241213DL

Quant Time: Dec 23 15:36:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



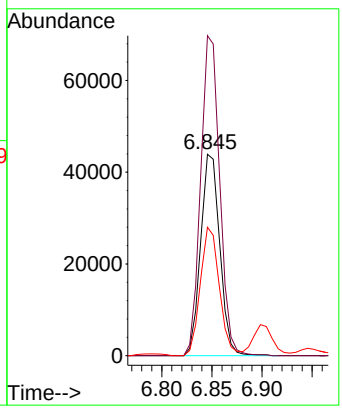


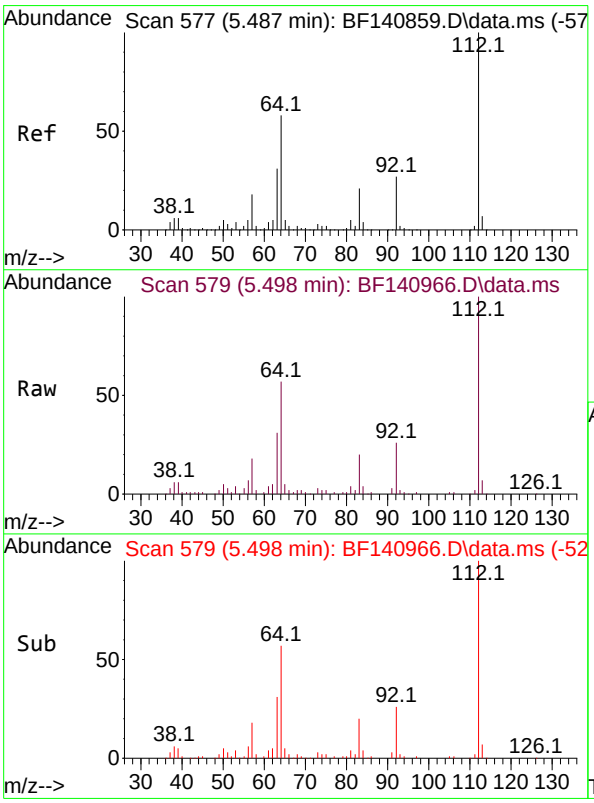
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Instrument :
BNA_F
ClientSampleId :
MW2-20241213DL

Tgt Ion:152 Resp: 58565

Ion	Ratio	Lower	Upper
152	100		
150	158.8	127.9	191.9
115	63.8	48.0	72.0

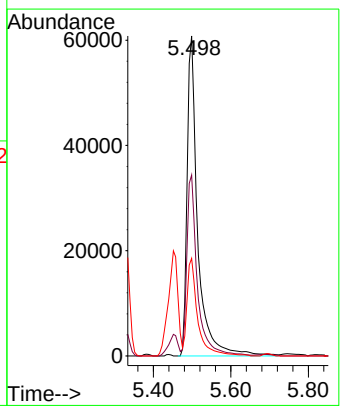


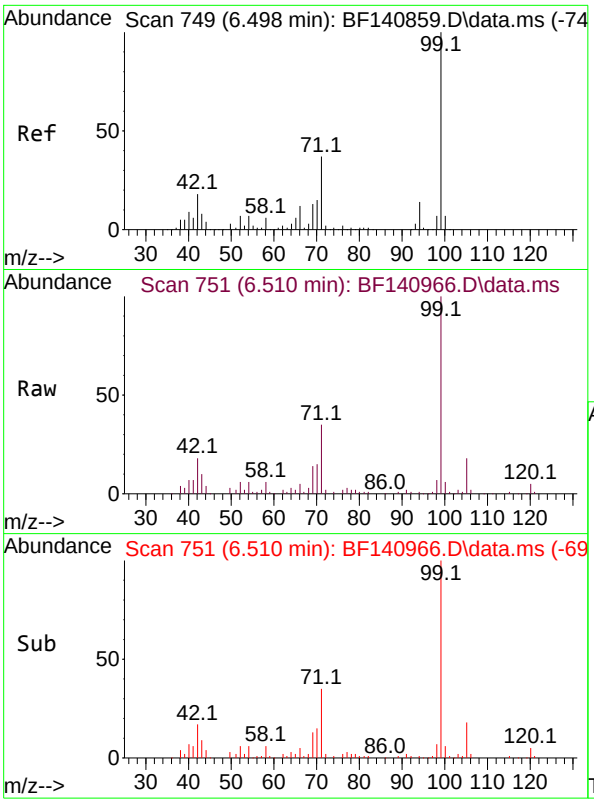


#5
2-Fluorophenol
Concen: 32.521 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Tgt Ion:112 Resp: 115697

Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.1	69.1
63	30.5	24.9	37.3



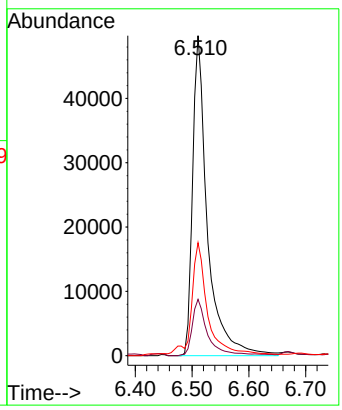


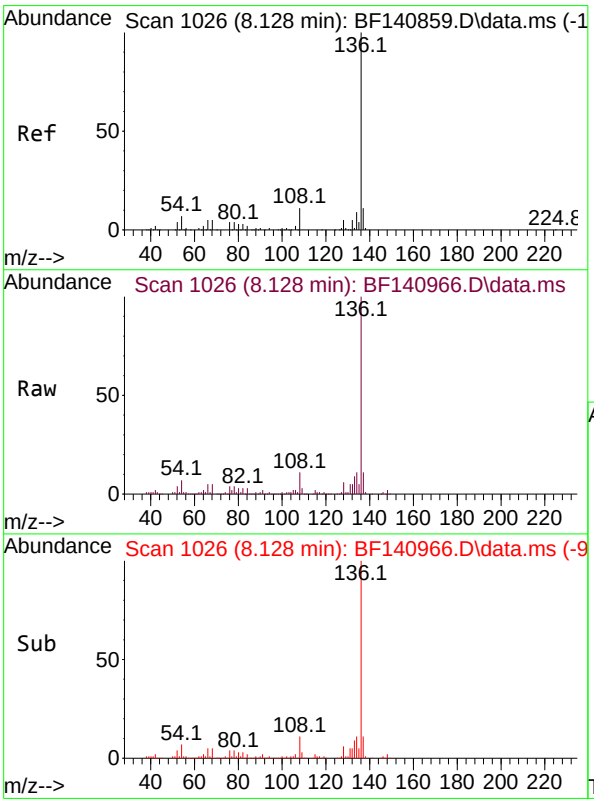
#7
Phenol-d6
Concen: 19.227 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Instrument :
BNA_F
ClientSampleId :
MW2-20241213DL

Tgt Ion: 99 Resp: 90601

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.3	21.5
71	35.3	29.9	44.9

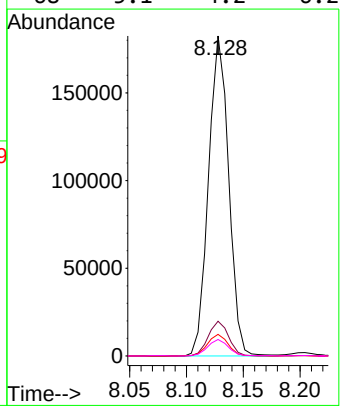


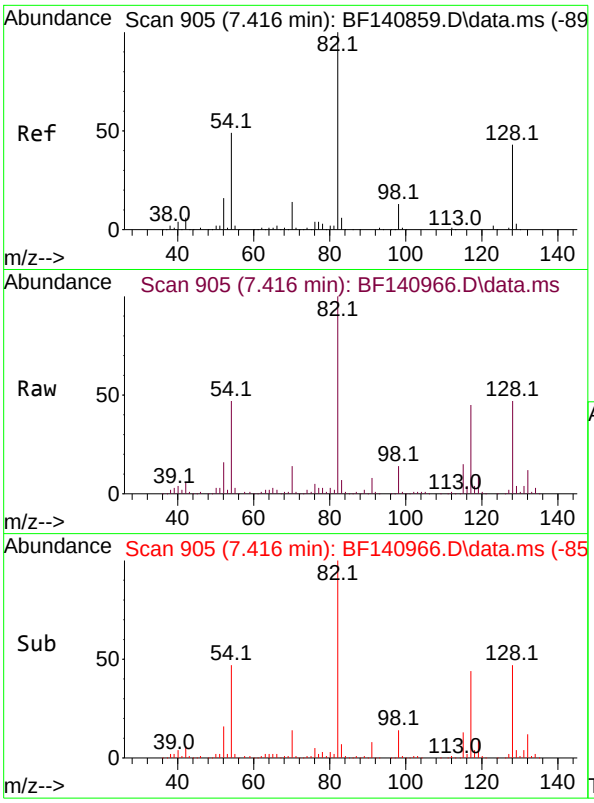


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Tgt Ion:136 Resp: 225919

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.7	5.6	8.4
68	5.1	4.2	6.2



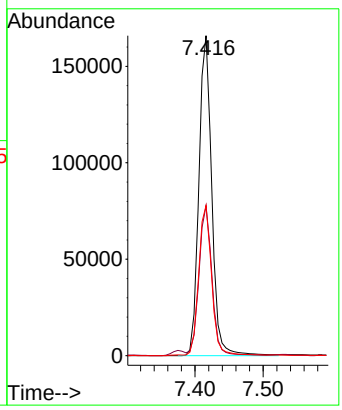


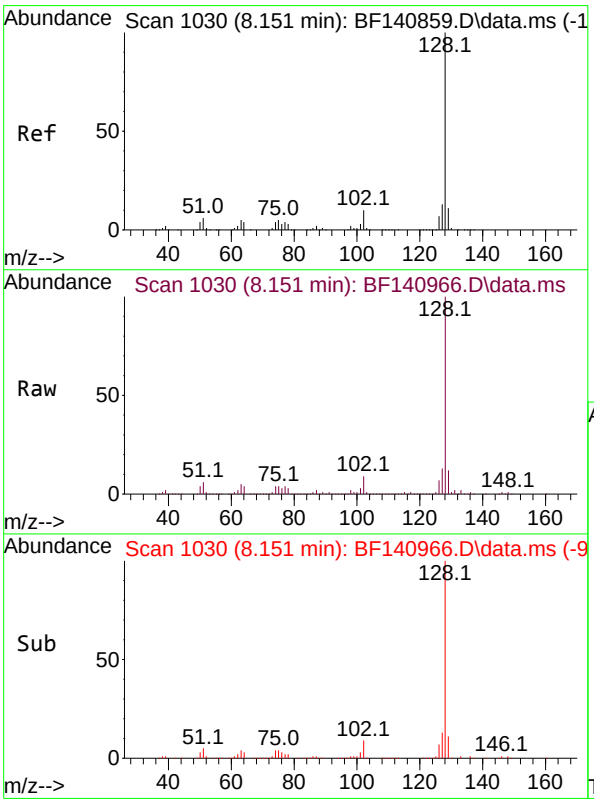
#23
Nitrobenzene-d5
Concen: 48.288 ng
RT: 7.416 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Instrument :
BNA_F
ClientSampleId :
MW2-20241213DL

Tgt Ion: 82 Resp: 218048

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.4	51.6
54	46.9	38.8	58.2

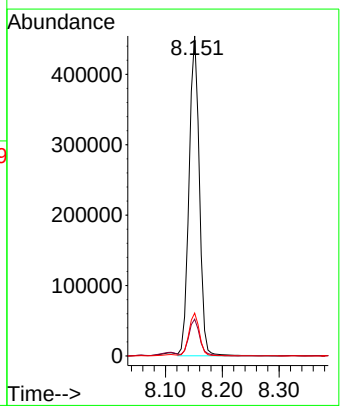


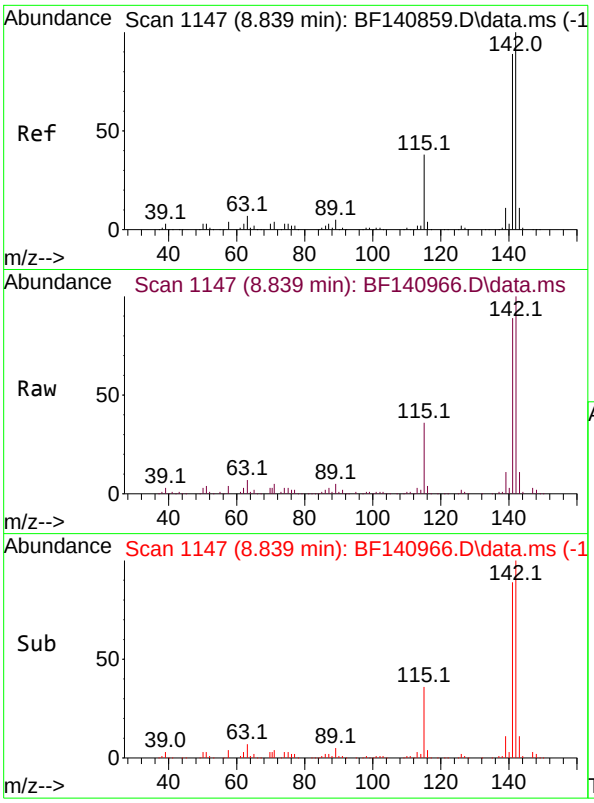


#31
Naphthalene
Concen: 46.106 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Tgt Ion:128 Resp: 572174

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.4	10.6	16.0



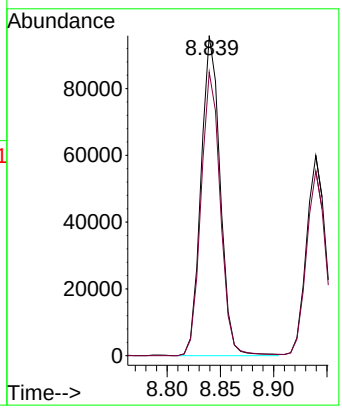


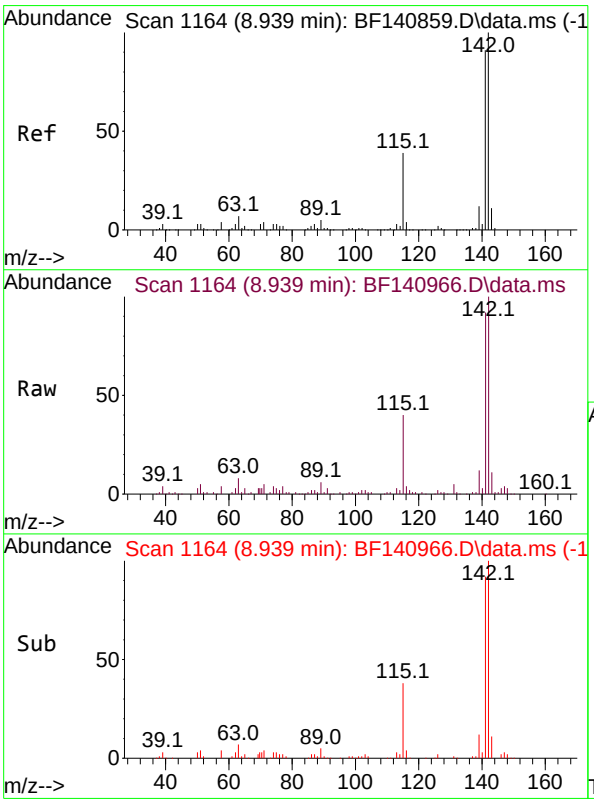
#37
2-Methylnaphthalene
Concen: 14.620 ng
RT: 8.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Instrument :
BNA_F
ClientSampleId :
MW2-20241213DL

Tgt Ion:142 Resp: 120020

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6

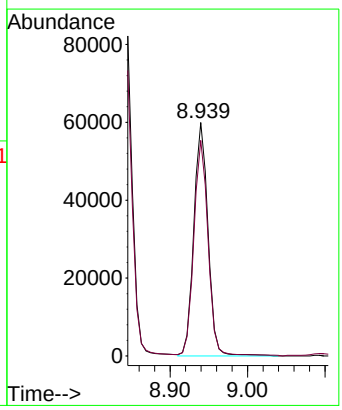


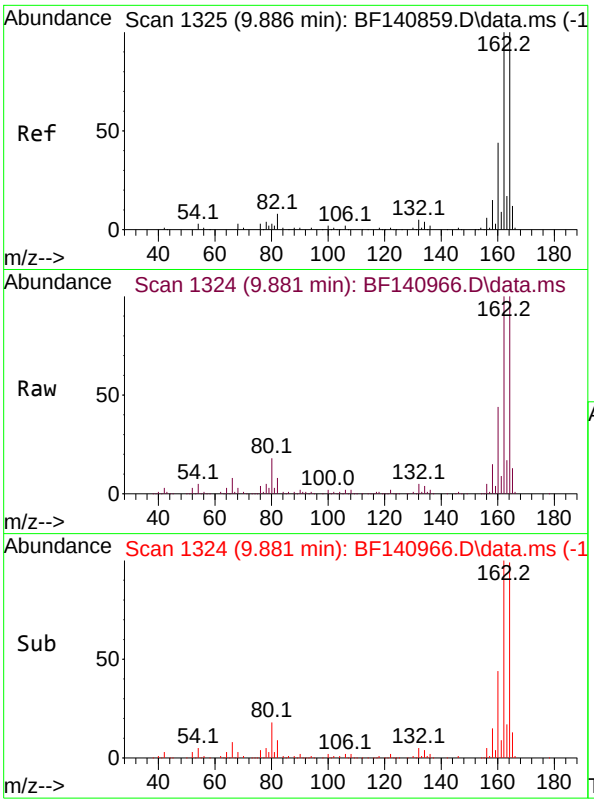


#38
1-Methylnaphthalene
Concen: 9.385 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Tgt Ion:142 Resp: 76198

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.0



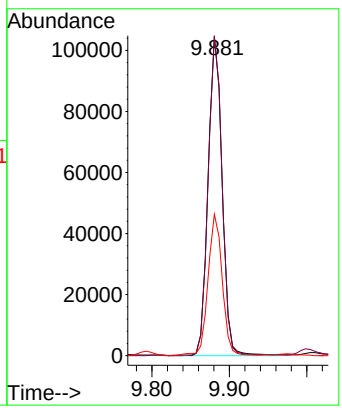


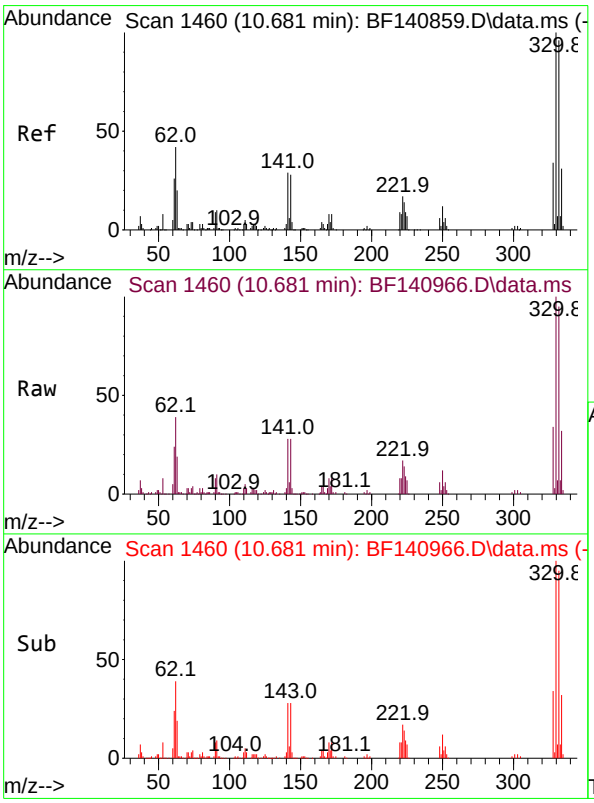
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Instrument :
BNA_F
ClientSampleId :
MW2-20241213DL

Tgt Ion:164 Resp: 131761

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.9	119.9
160	44.3	35.2	52.8

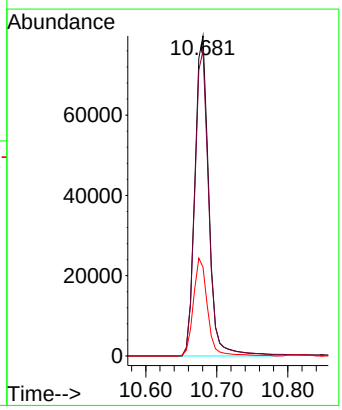


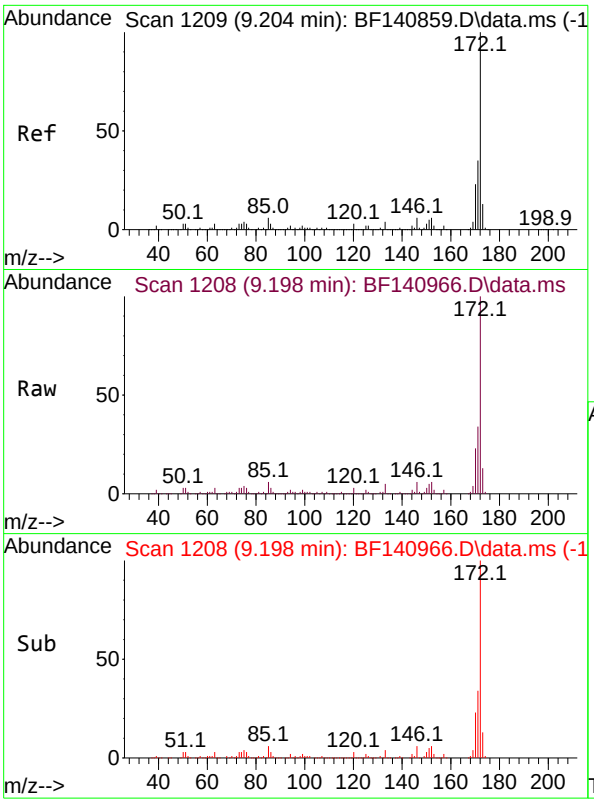


#42
2,4,6-Tribromophenol
Concen: 70.028 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Tgt Ion:330 Resp: 109129

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	30.9	24.9	37.3



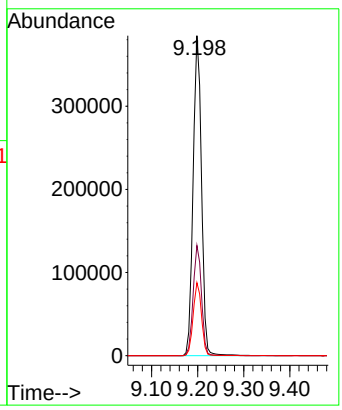


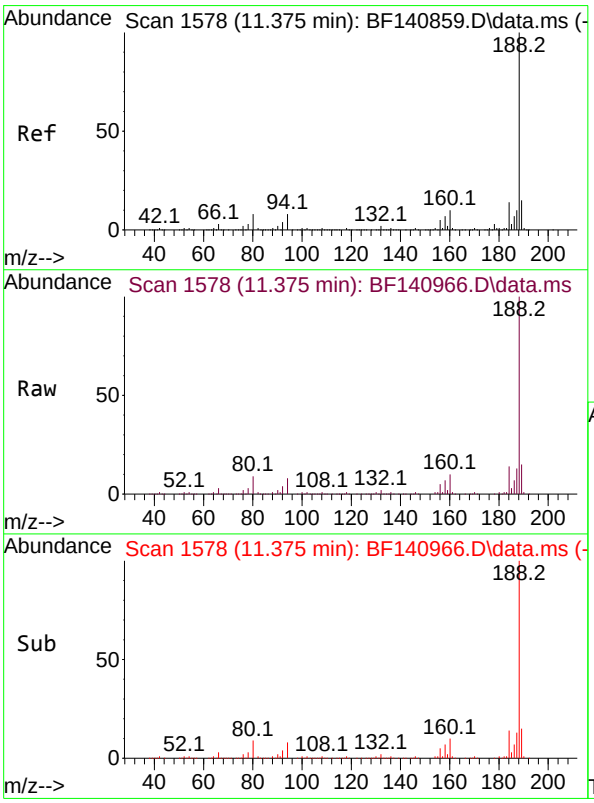
#45
2-Fluorobiphenyl
Concen: 50.599 ng
RT: 9.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Instrument :
BNA_F
ClientSampleId :
MW2-20241213DL

Tgt Ion:172 Resp: 484923

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.4	42.6
170	22.8	18.6	28.0

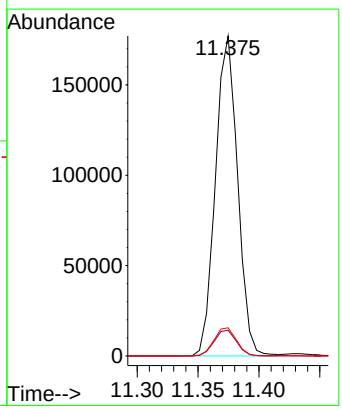


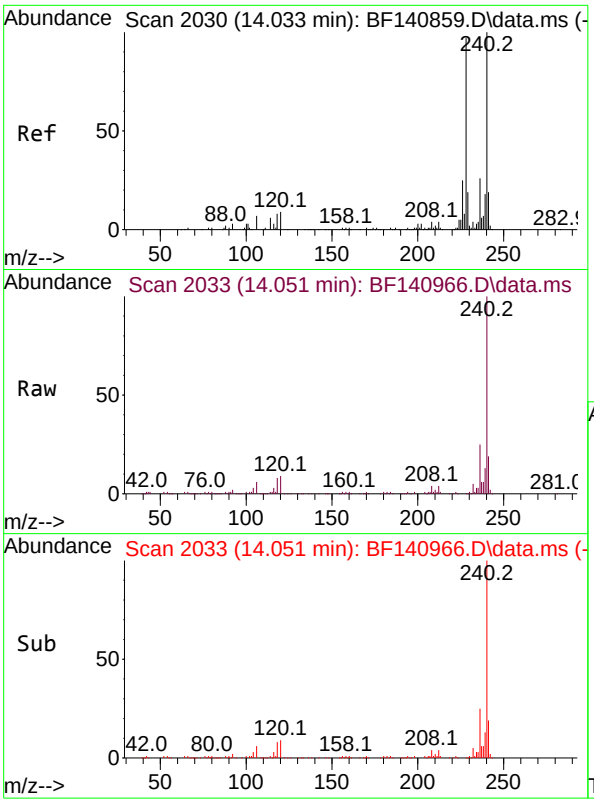


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Tgt Ion:188 Resp: 224646

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.4	9.6
80	8.8	6.8	10.2



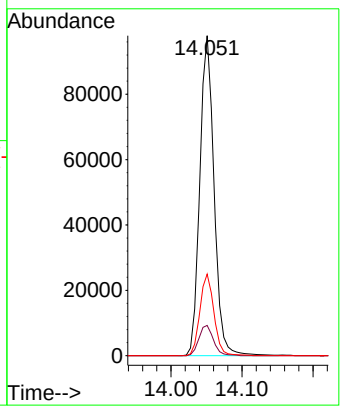


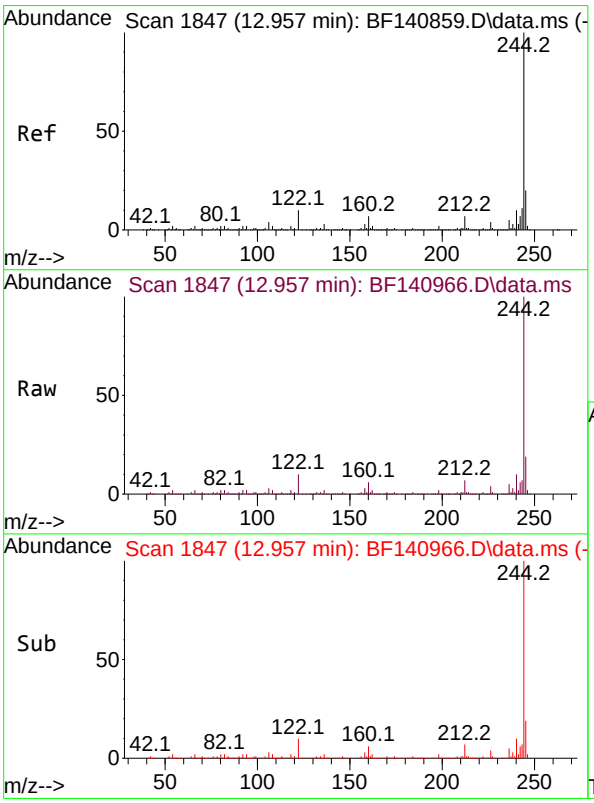
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2(
Delta R.T. 0.018 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Instrument :
BNA_F
ClientSampleId :
MW2-20241213DL

Tgt Ion:240 Resp: 137117

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.6	11.4
236	25.5	20.5	30.7

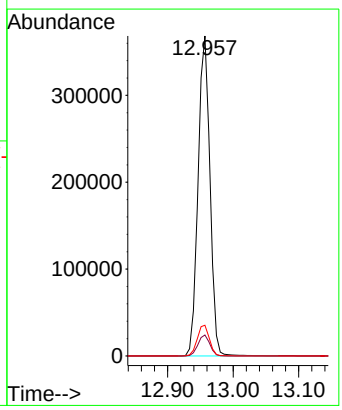


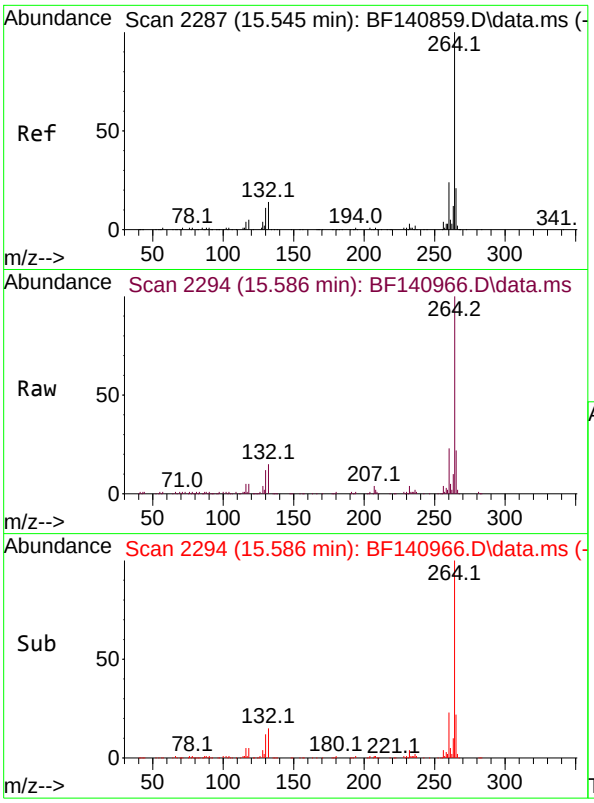


#79
Terphenyl-d14
Concen: 53.541 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Tgt Ion:244 Resp: 465565

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	9.6	8.2	12.2



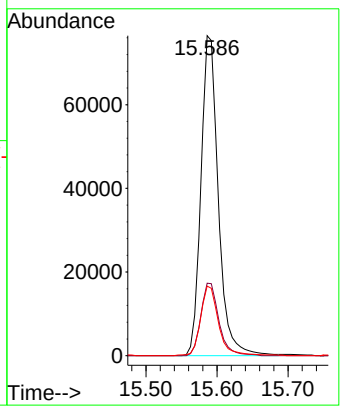


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2
Delta R.T. 0.041 min
Lab File: BF140966.D
Acq: 23 Dec 2024 15:01

Instrument :
BNA_F
ClientSampleId :
MW2-20241213DL

Tgt Ion:264 Resp: 130425

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.1	28.7
265	21.8	17.0	25.4



Raw Data: **BF140911.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW3-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-06	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140911.D	1	12/17/24 08:56	12/18/24 17:38	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.2	ug/L
108-95-2	Phenol	0.95	U	0.95	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	UQ	1.20	5.10	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	5.10	ug/L
95-48-7	2-Methylphenol	1.20	UQ	1.20	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	UQ	1.40	5.10	ug/L
98-86-2	Acetophenone	1.10	UQ	1.10	5.10	ug/L
65794-96-9	3+4-Methylphenols	1.20	UQ	1.20	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	UQ	1.50	2.60	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.10	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.10	ug/L
78-59-1	Isophorone	1.20	UQ	1.20	5.10	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.10	ug/L
105-67-9	2,4-Dimethylphenol	5.50		1.50	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	UQ	1.00	5.10	ug/L
120-83-2	2,4-Dichlorophenol	0.90	U	0.90	5.10	ug/L
91-20-3	Naphthalene	160	E	1.00	5.10	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.10	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.10	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	5.10	ug/L
91-57-6	2-Methylnaphthalene	17.4		1.20	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	5.10	U	5.10	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.10	ug/L
92-52-4	1,1-Biphenyl	0.93	UQ	0.93	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	5.10	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.10	ug/L
131-11-3	Dimethylphthalate	0.95	UQ	0.95	5.10	ug/L

Raw Data: **BF140911.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW3-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-06	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140911.D	1	12/17/24 08:56	12/18/24 17:38	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.10	UQ	1.10	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	1.30	U	1.30	5.10	ug/L
99-09-2	3-Nitroaniline	1.40	U	1.40	5.10	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	5.10	ug/L
51-28-5	2,4-Dinitrophenol	6.60	U	6.60	10.2	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.10	ug/L
84-66-2	Diethylphthalate	1.10	U	1.10	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.00	U	1.00	5.10	ug/L
86-73-7	Fluorene	0.98	U	0.98	5.10	ug/L
100-01-6	4-Nitroaniline	2.10	U	2.10	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	UQ	0.91	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	UQ	0.97	5.10	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.10	ug/L
1912-24-9	Atrazine	1.30	UQ	1.30	5.10	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	5.10	ug/L
120-12-7	Anthracene	1.10	UQ	1.10	5.10	ug/L
86-74-8	Carbazole	2.10	J	1.20	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.50	UQ	1.50	5.10	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.10	ug/L
129-00-0	Pyrene	1.10	UQ	1.10	5.10	ug/L
85-68-7	Butylbenzylphthalate	2.10	UQ	2.10	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	UQ	0.96	5.10	ug/L
218-01-9	Chrysene	0.88	U	0.88	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	UQ	1.90	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.10	ug/L

Raw Data: **BF140911.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW3-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-06	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140911.D	1	12/17/24 08:56	12/18/24 17:38	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	UQ	1.20	5.10	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	UQ	1.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	UQ	1.20	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.10	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	63.9		10 - 139	43%	SPK: 150
13127-88-3	Phenol-d6	39.1		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.5		49 - 133	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.7		52 - 132	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		44 - 137	102%	SPK: 150
1718-51-0	Terphenyl-d14	97.0		48 - 125	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	56600	6.851			
1146-65-2	Naphthalene-d8	228000	8.134			
15067-26-2	Acenaphthene-d10	145000	9.88			
1517-22-2	Phenanthrene-d10	255000	11.375			
1719-03-5	Chrysene-d12	165000	14.027			
1520-96-3	Perylene-d12	166000	15.515			
TENTATIVE IDENTIFIED COMPOUNDS						
000103-65-1	Benzene, propyl-	39.7	J		6.30	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	150	J		6.38	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	74.0	J		6.40	ug/L
000108-67-8	Mesitylene	100	J		6.45	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	570	J		6.68	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	180	J		6.90	ug/L
000496-11-7	Indane	190	J		7.03	ug/L

Raw Data: **BF140911.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW3-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-06	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140911.D	1	12/17/24 08:56	12/18/24 17:38	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000095-13-6	Indene	67.6	J		7.10	ug/L
000135-01-3	Benzene, 1,2-diethyl-	55.5	J		7.16	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	22.3	J		7.23	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	49.7	J		7.31	ug/L
000099-87-6	p-Cymene	28.2	J		7.33	ug/L
90-12-0	1-Methylnaphthalene	21.6	J		8.94	ug/L
	unknown9.128	9.40	J		9.13	ug/L
000619-04-5	Benzoic acid, 3,4-dimethyl-	15.2	J		9.33	ug/L
019947-22-9	Benzene, (1-ethyl-2-propenyl)-	27.0	J		9.47	ug/L
000057-10-3	n-Hexadecanoic acid	8.20	J		11.9	ug/L

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 (LSC Reviewed)

Sample Results: **BF140911.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140911.D
Acq On : 18 Dec 2024 17:38
Operator : RC/JU
Sample : P5291-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW3-20241213

Quant Time: Dec 19 00:15:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	56554	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	228223	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	145439	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	254549	20.000	ng	0.00
76) Chrysene-d12	14.027	240	165146	20.000	ng	0.00
86) Perylene-d12	15.515	264	165993	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	219618	63.927	ng	0.00
7) Phenol-d6	6.504	99	177726	39.058	ng	0.00
23) Nitrobenzene-d5	7.416	82	453858	99.495	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	263079	152.941	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1002101	94.730	ng	0.00
79) Terphenyl-d14	12.957	244	1016059	97.017	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.810	122	13631	5.423	ng	95
31) Naphthalene	8.157	128	2008075	160.178	ng	99
37) 2-Methylnaphthalene	8.839	142	141691	17.086	ng	99
38) 1-Methylnaphthalene	8.939	142	173840	21.196	ng	99
73) Carbazole	11.616	167	25833	2.046	ng	98

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

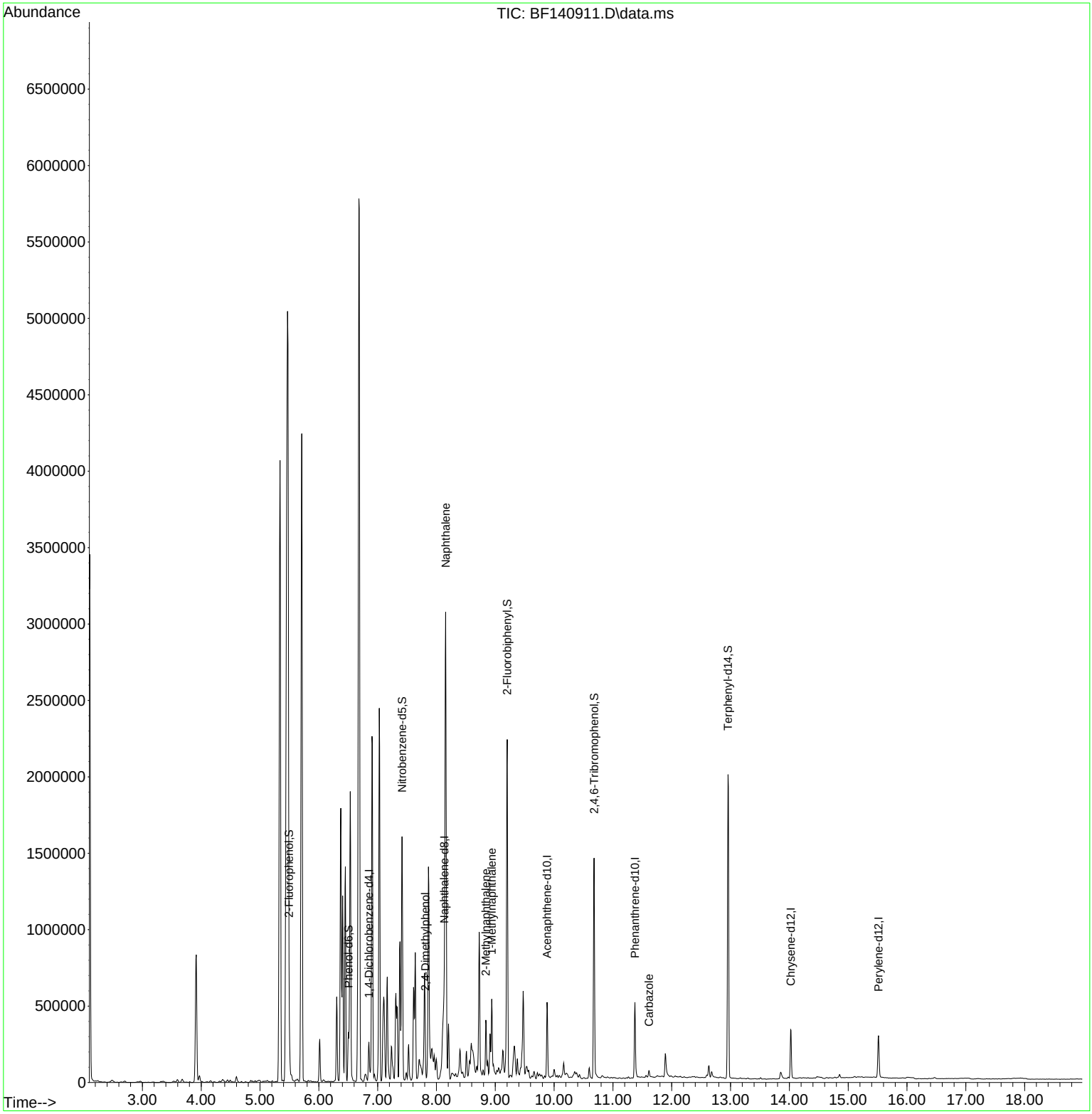
Quantitation Report (LSC Reviewed)

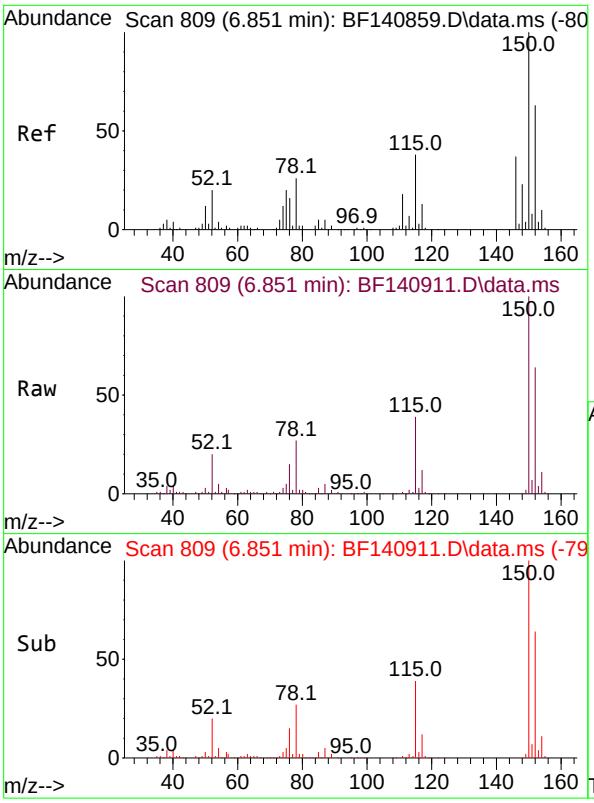
Sample Results: **BF140911.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140911.D
Acq On : 18 Dec 2024 17:38
Operator : RC/JU
Sample : P5291-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW3-20241213

Quant Time: Dec 19 00:15:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



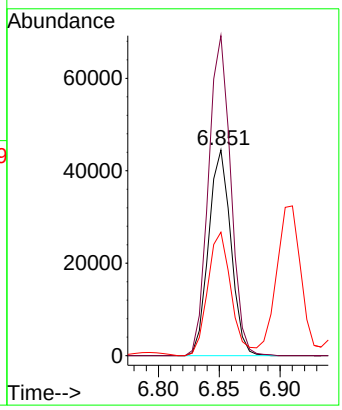


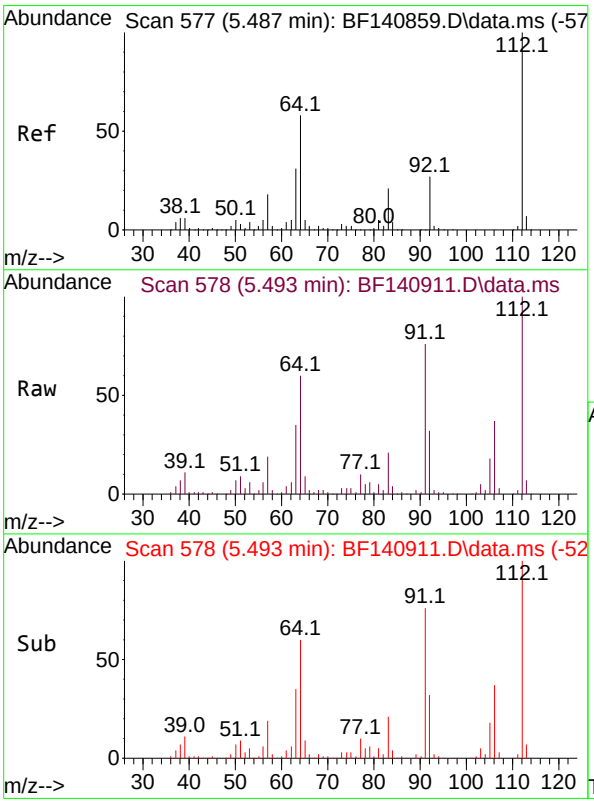
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Instrument :
BNA_F
ClientSampleId :
MW3-20241213

Tgt Ion:152 Resp: 56554

Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.9	191.9
115	60.0	48.0	72.0

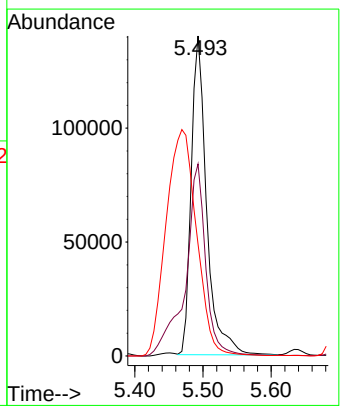


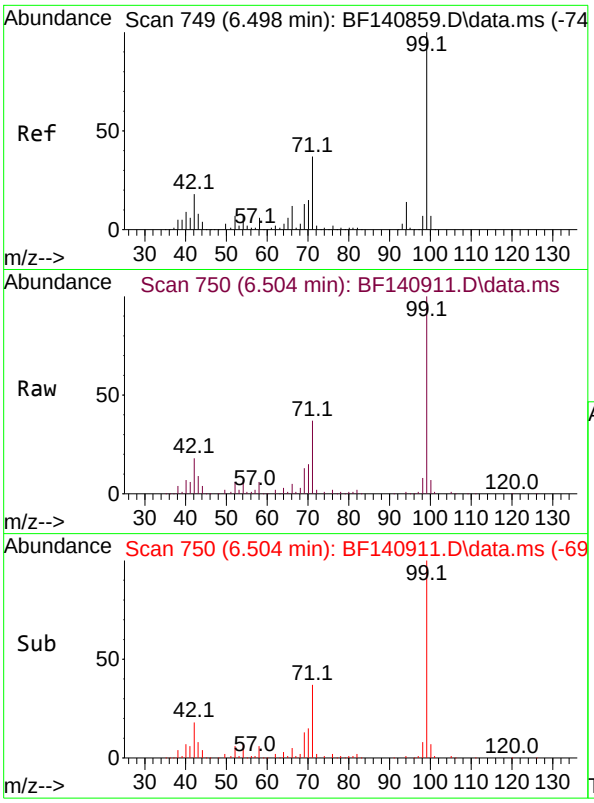


#5
2-Fluorophenol
Concen: 63.927 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Tgt Ion:112 Resp: 219618

Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.1	69.1
63	34.9	24.9	37.3



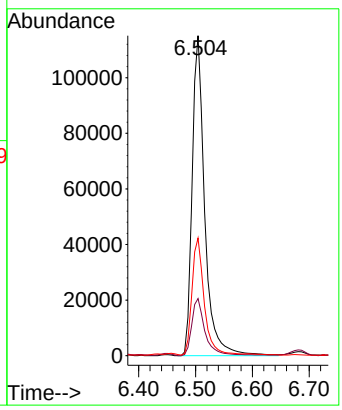


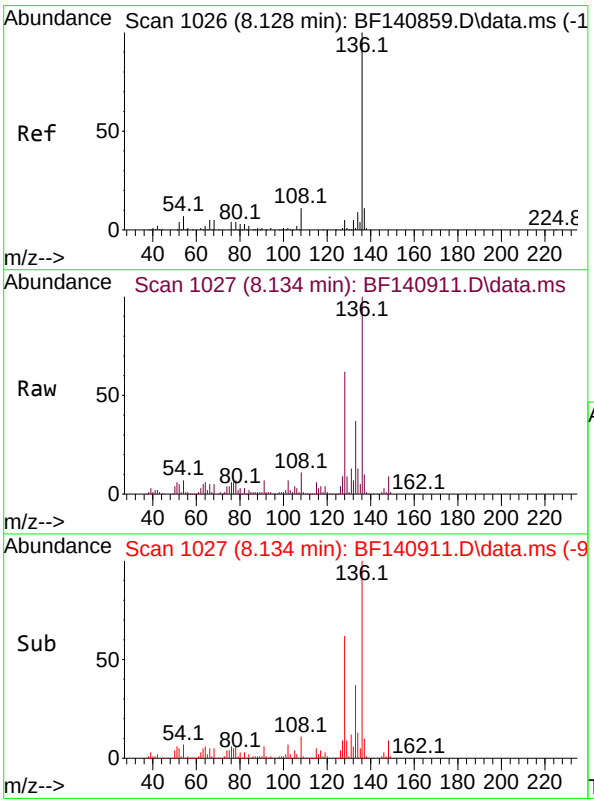
#7
Phenol-d6
Concen: 39.058 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Instrument :
BNA_F
ClientSampleId :
MW3-20241213

Tgt Ion: 99 Resp: 177726

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.3	21.5
71	36.8	29.9	44.9

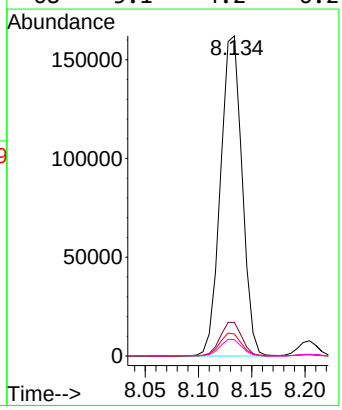


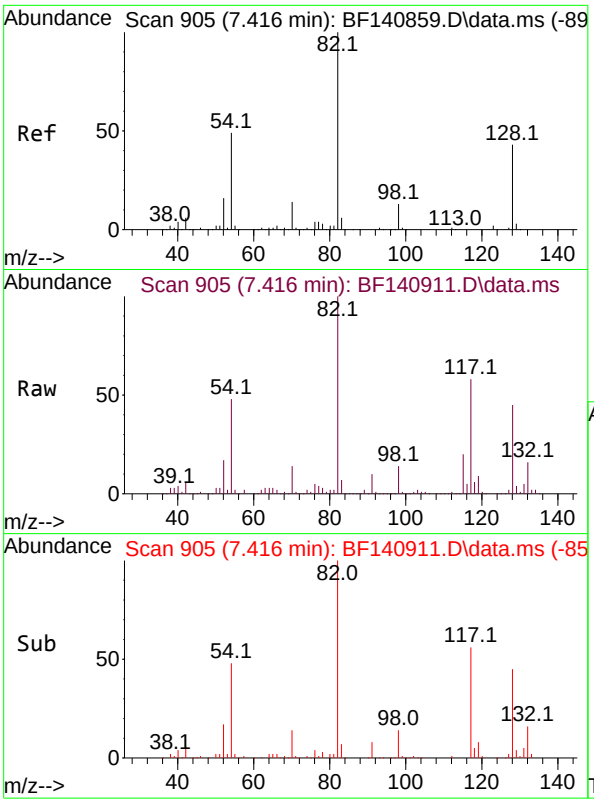


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Tgt Ion:136 Resp: 228223

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.8	5.6	8.4
68	5.1	4.2	6.2



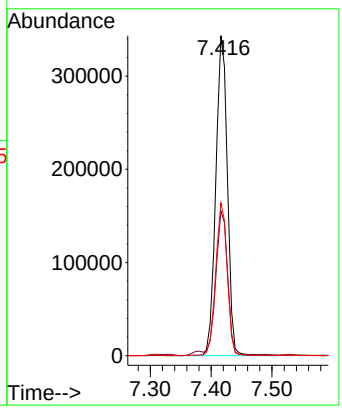


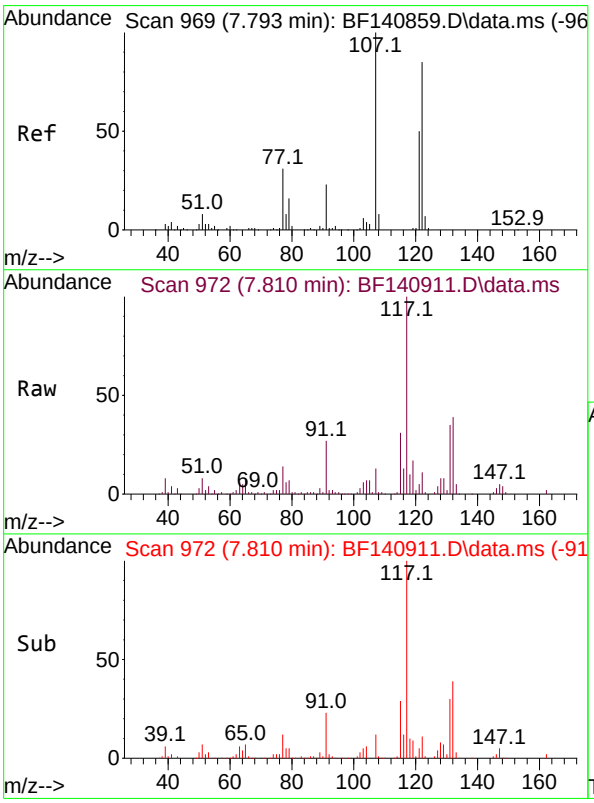
#23
Nitrobenzene-d5
Concen: 99.495 ng
RT: 7.416 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Instrument :
BNA_F
ClientSampleId :
MW3-20241213

Tgt Ion: 82 Resp: 453858

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.4	51.6
54	47.7	38.8	58.2

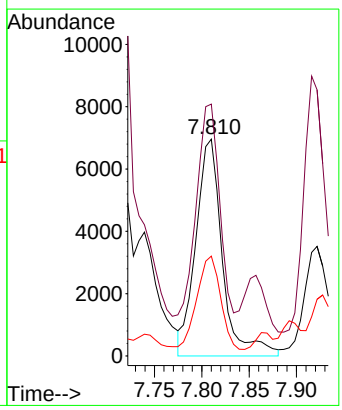


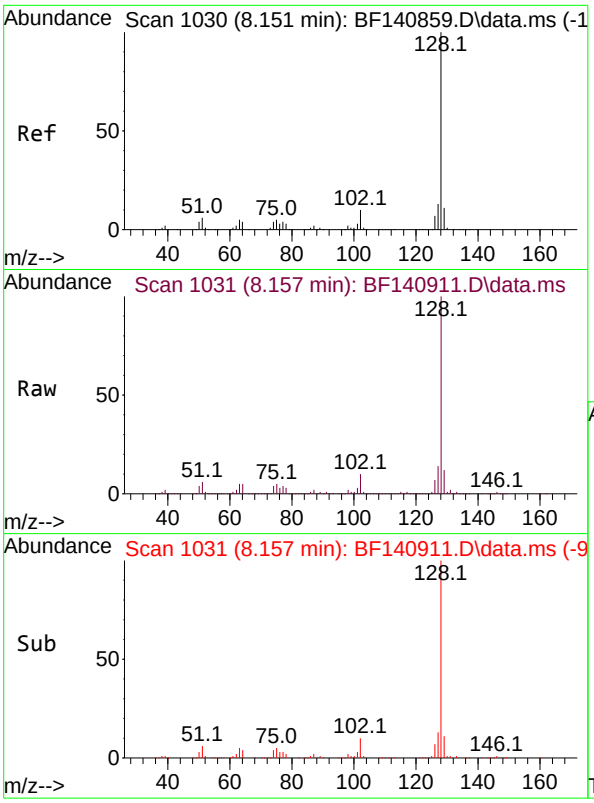


#27
2,4-Dimethylphenol
Concen: 5.423 ng
RT: 7.810 min Scan# 972
Delta R.T. 0.018 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Tgt Ion:122 Resp: 13631

Ion	Ratio	Lower	Upper
122	100		
107	116.1	92.6	139.0
121	46.0	45.8	68.8



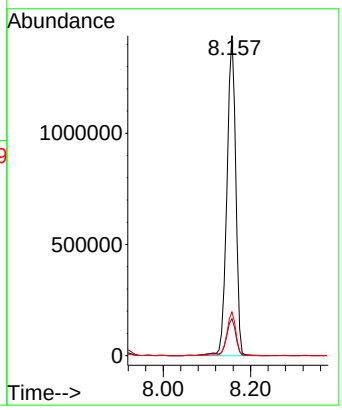


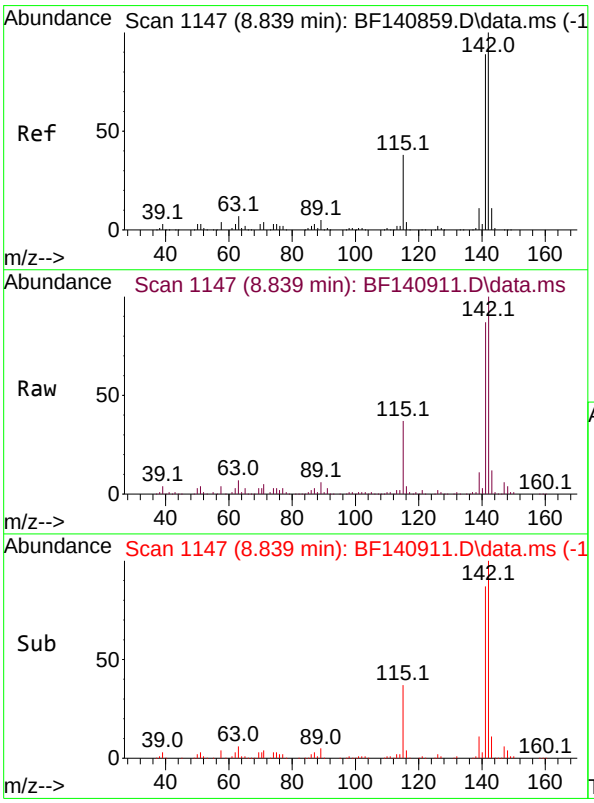
#31
Naphthalene
Concen: 160.178 ng
RT: 8.157 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Instrument :
BNA_F
ClientSampleId :
MW3-20241213

Tgt Ion:128 Resp: 2008075

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.6	10.6	16.0

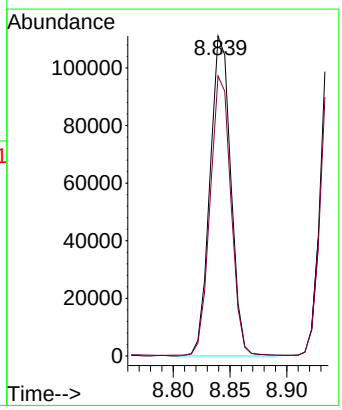


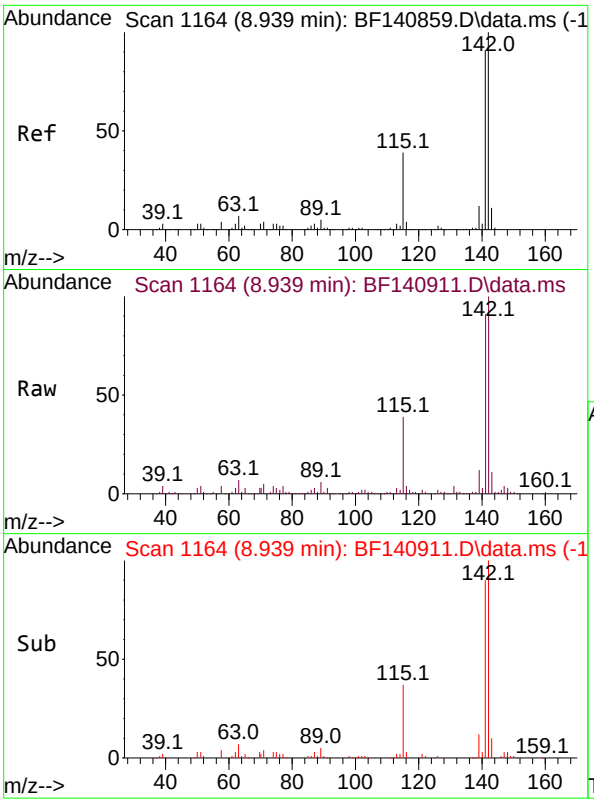


#37
2-Methylnaphthalene
Concen: 17.086 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Tgt Ion:142 Resp: 141691

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.0	106.6



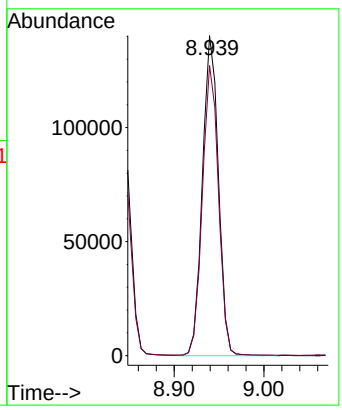


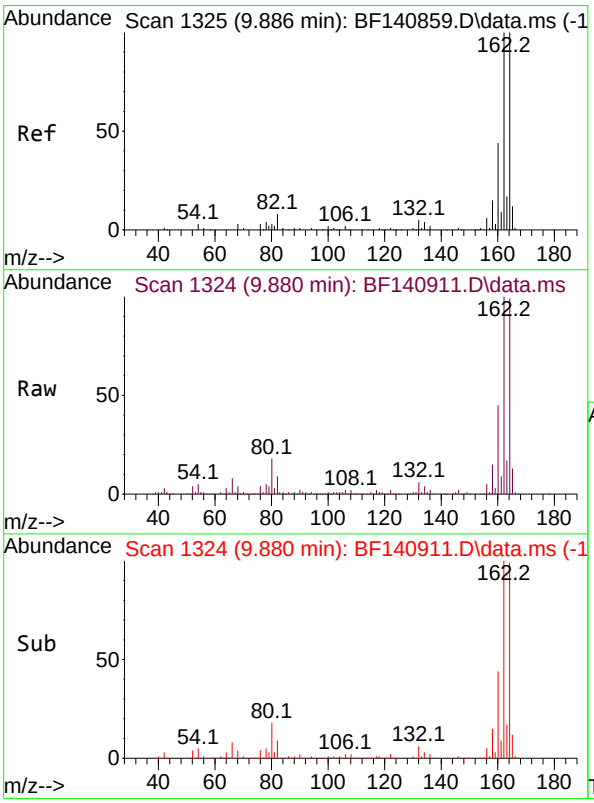
#38
1-Methylnaphthalene
Concen: 21.196 ng
RT: 8.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Instrument :
BNA_F
ClientSampleId :
MW3-20241213

Tgt Ion:142 Resp: 173840

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.4	110.0

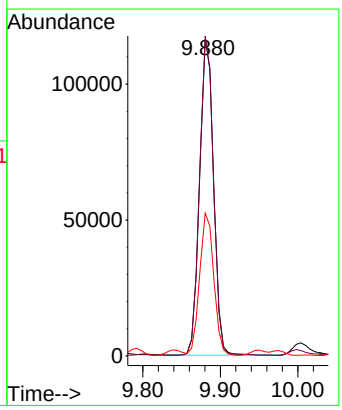


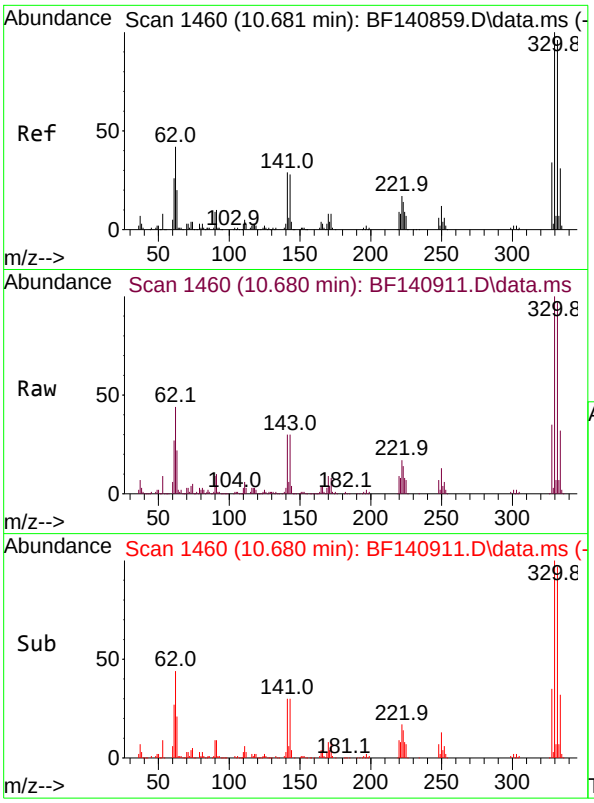


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Tgt Ion:164 Resp: 145439

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.9	119.9
160	45.1	35.2	52.8



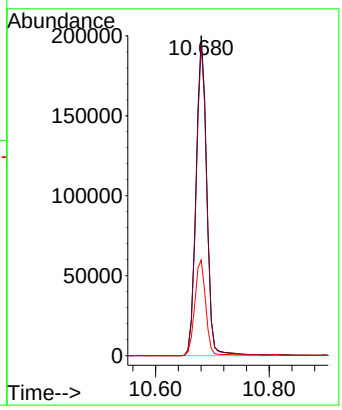


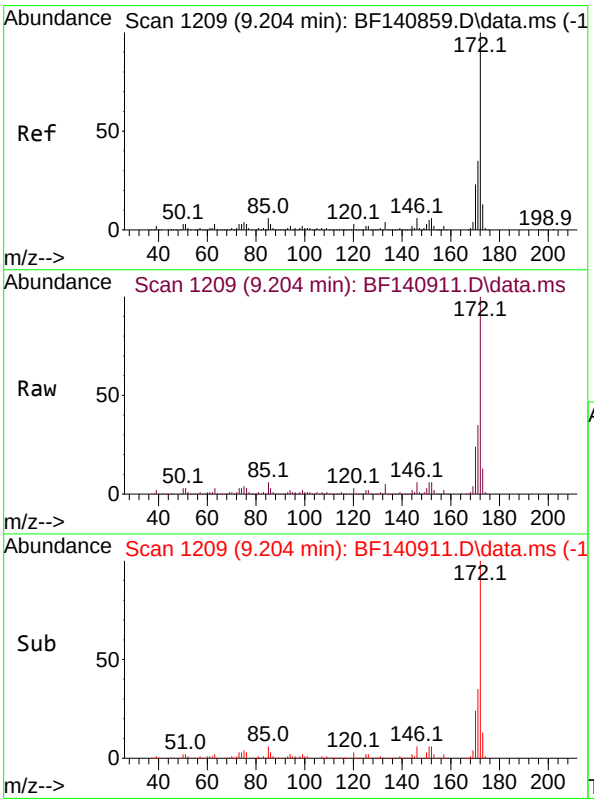
#42
2,4,6-Tribromophenol
Concen: 152.941 ng
RT: 10.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Instrument :
BNA_F
ClientSampleId :
MW3-20241213

Tgt Ion:330 Resp: 263079

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.2	114.4
141	31.0	24.9	37.3

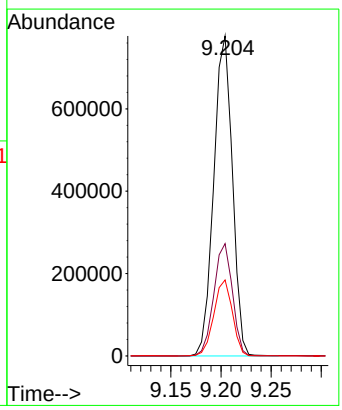


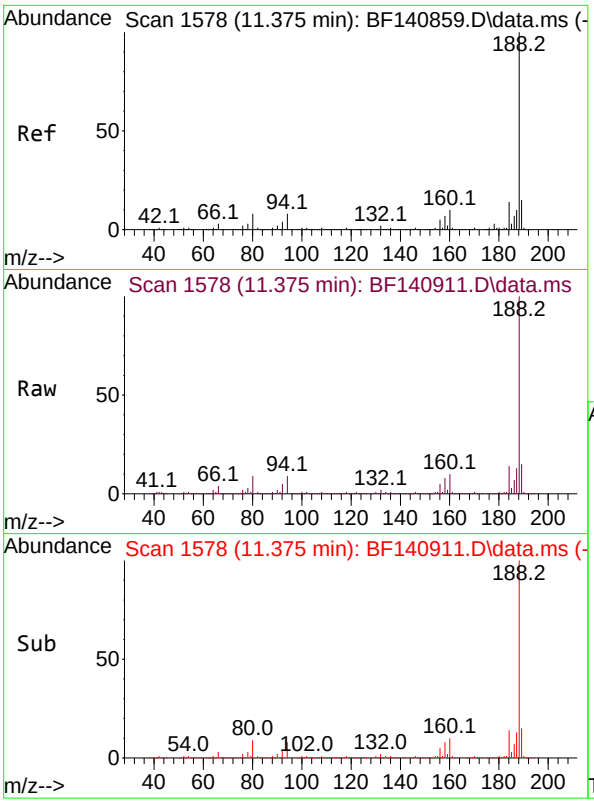


#45
2-Fluorobiphenyl
Concen: 94.730 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Tgt Ion:172 Resp: 1002101

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.4	42.6
170	23.7	18.6	28.0



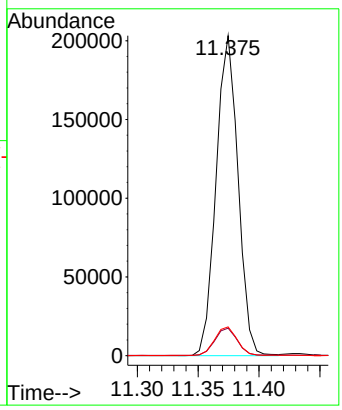


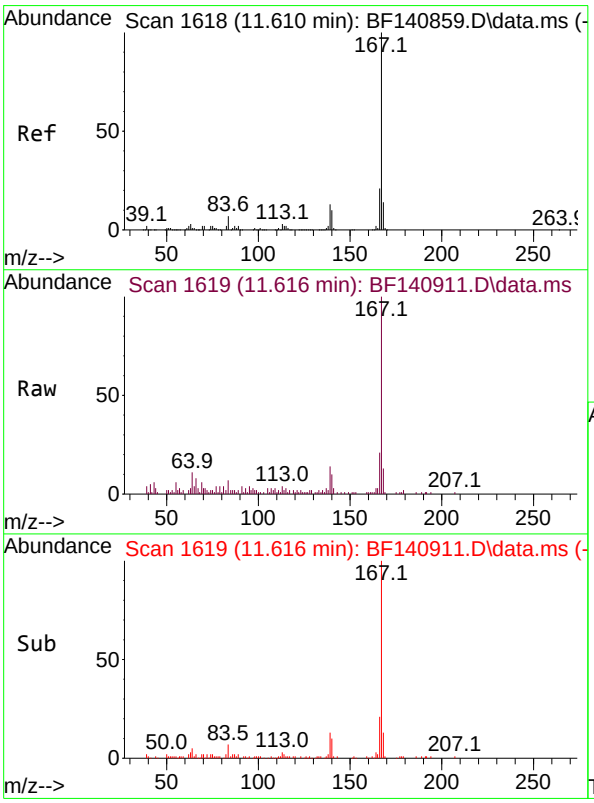
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Instrument :
BNA_F
ClientSampleId :
MW3-20241213

Tgt Ion:188 Resp: 254549

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.4	9.6
80	9.0	6.8	10.2

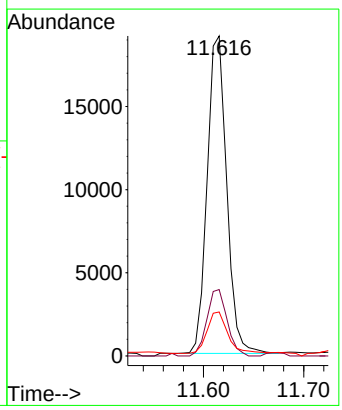


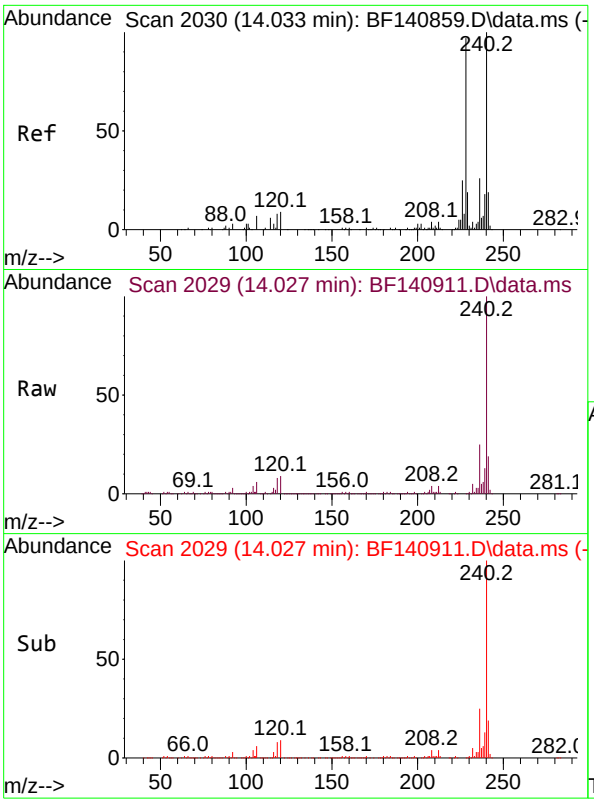


#73
Carbazole
Concen: 2.046 ng
RT: 11.616 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Tgt Ion:167 Resp: 25833

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.6
139	13.7	10.2	15.2



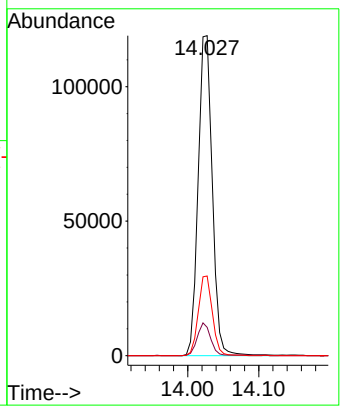


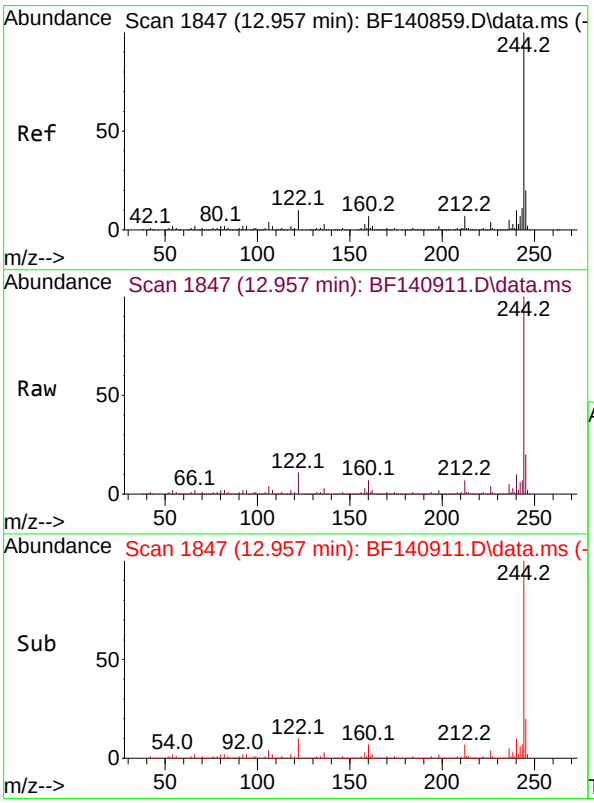
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Instrument :
BNA_F
ClientSampleId :
MW3-20241213

Tgt Ion:240 Resp: 165146

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.6	11.4
236	24.9	20.5	30.7

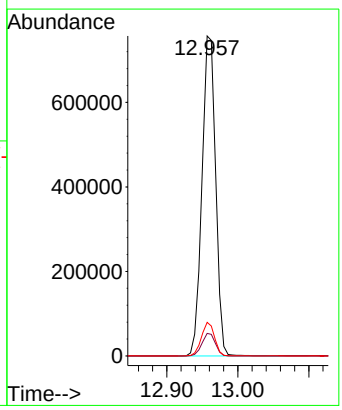


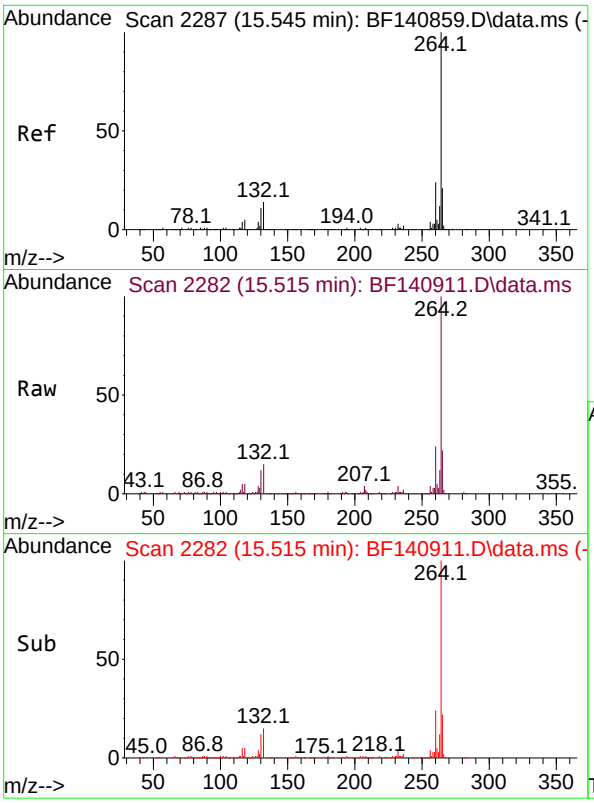


#79
Terphenyl-d14
Concen: 97.017 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Tgt Ion:244 Resp: 1016059

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.5	8.2	12.2



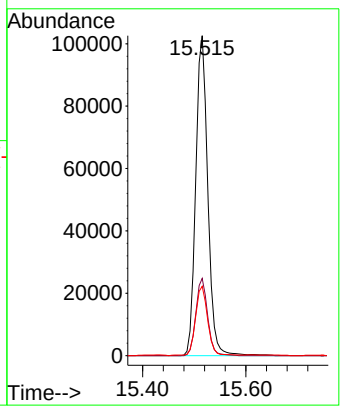


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF140911.D
Acq: 18 Dec 2024 17:38

Instrument :
BNA_F
ClientSampleId :
MW3-20241213

Tgt Ion:264 Resp: 165993

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.7	17.0	25.4



Raw Data: **BF140924.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW3-20241213DL	SDG No.:	P5291
Lab Sample ID:	P5291-06DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140924.D	5	12/17/24 08:56	12/19/24 14:21	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	20.4	UD	20.4	51.0	ug/L
108-95-2	Phenol	4.70	UD	4.70	25.5	ug/L
111-44-4	bis(2-Chloroethyl)ether	6.10	UDQ	6.10	25.5	ug/L
95-57-8	2-Chlorophenol	3.60	UD	3.60	25.5	ug/L
95-48-7	2-Methylphenol	5.80	UDQ	5.80	25.5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.90	UDQ	6.90	25.5	ug/L
98-86-2	Acetophenone	5.60	UDQ	5.60	25.5	ug/L
65794-96-9	3+4-Methylphenols	5.90	UDQ	5.90	51.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	7.60	UDQ	7.60	12.8	ug/L
67-72-1	Hexachloroethane	5.20	UD	5.20	25.5	ug/L
98-95-3	Nitrobenzene	6.50	UD	6.50	25.5	ug/L
78-59-1	Isophorone	5.80	UDQ	5.80	25.5	ug/L
88-75-5	2-Nitrophenol	10.0	UD	10.0	25.5	ug/L
105-67-9	2,4-Dimethylphenol	7.70	UD	7.70	25.5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.20	UDQ	5.20	25.5	ug/L
120-83-2	2,4-Dichlorophenol	4.50	UD	4.50	25.5	ug/L
91-20-3	Naphthalene	170	D	5.20	25.5	ug/L
106-47-8	4-Chloroaniline	6.60	UD	6.60	25.5	ug/L
87-68-3	Hexachlorobutadiene	6.50	UD	6.50	25.5	ug/L
105-60-2	Caprolactam	8.40	UD	8.40	51.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.30	UD	4.30	25.5	ug/L
91-57-6	2-Methylnaphthalene	13.4	JD	5.80	25.5	ug/L
77-47-4	Hexachlorocyclopentadiene	25.6	UD	25.6	51.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.50	UD	4.50	25.5	ug/L
95-95-4	2,4,5-Trichlorophenol	5.20	UD	5.20	25.5	ug/L
92-52-4	1,1-Biphenyl	4.60	UDQ	4.60	25.5	ug/L
91-58-7	2-Chloronaphthalene	4.90	UD	4.90	25.5	ug/L
88-74-4	2-Nitroaniline	7.20	UD	7.20	25.5	ug/L
131-11-3	Dimethylphthalate	4.70	UDQ	4.70	25.5	ug/L

Raw Data: **BF140924.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW3-20241213DL	SDG No.:	P5291
Lab Sample ID:	P5291-06DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140924.D	5	12/17/24 08:56	12/19/24 14:21	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.30	UDQ	5.30	25.5	ug/L
606-20-2	2,6-Dinitrotoluene	6.30	UD	6.30	25.5	ug/L
99-09-2	3-Nitroaniline	7.00	UD	7.00	25.5	ug/L
83-32-9	Acenaphthene	4.10	UD	4.10	25.5	ug/L
51-28-5	2,4-Dinitrophenol	32.8	UD	32.8	51.0	ug/L
100-02-7	4-Nitrophenol	10.2	UD	10.2	51.0	ug/L
132-64-9	Dibenzofuran	4.70	UD	4.70	25.5	ug/L
121-14-2	2,4-Dinitrotoluene	7.80	UD	7.80	25.5	ug/L
84-66-2	Diethylphthalate	5.30	UD	5.30	25.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.00	UD	5.00	25.5	ug/L
86-73-7	Fluorene	4.90	UD	4.90	25.5	ug/L
100-01-6	4-Nitroaniline	10.4	UD	10.4	25.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	15.7	UD	15.7	51.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.50	UDQ	4.50	25.5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.80	UDQ	4.80	25.5	ug/L
118-74-1	Hexachlorobenzene	5.80	UD	5.80	25.5	ug/L
1912-24-9	Atrazine	6.40	UDQ	6.40	25.5	ug/L
87-86-5	Pentachlorophenol	9.40	UD	9.40	51.0	ug/L
85-01-8	Phenanthrene	4.50	UD	4.50	25.5	ug/L
120-12-7	Anthracene	5.50	UDQ	5.50	25.5	ug/L
86-74-8	Carbazole	5.90	UD	5.90	25.5	ug/L
84-74-2	Di-n-butylphthalate	7.50	UDQ	7.50	25.5	ug/L
206-44-0	Fluoranthene	6.60	UD	6.60	25.5	ug/L
129-00-0	Pyrene	5.40	UDQ	5.40	25.5	ug/L
85-68-7	Butylbenzylphthalate	10.7	UDQ	10.7	25.5	ug/L
91-94-1	3,3-Dichlorobenzidine	6.50	UD	6.50	51.0	ug/L
56-55-3	Benzo(a)anthracene	4.80	UDQ	4.80	25.5	ug/L
218-01-9	Chrysene	4.40	UD	4.40	25.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.60	UDQ	9.60	25.5	ug/L
117-84-0	Di-n-octyl phthalate	12.8	UD	12.8	51.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.80	UD	5.80	25.5	ug/L

Raw Data: **BF140924.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW3-20241213DL	SDG No.:	P5291
Lab Sample ID:	P5291-06DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140924.D	5	12/17/24 08:56	12/19/24 14:21	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	6.10	UDQ	6.10	25.5	ug/L
50-32-8	Benzo(a)pyrene	8.50	UD	8.50	25.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.20	UDQ	5.20	25.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.90	UDQ	5.90	25.5	ug/L
191-24-2	Benzo(g,h,i)perylene	6.00	UD	6.00	25.5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.60	UD	5.60	25.5	ug/L
123-91-1	1,4-Dioxane	6.40	UD	6.40	25.5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	UD	4.00	25.5	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	54.8		10 - 139	37%	SPK: 150
13127-88-3	Phenol-d6	33.2		10 - 134	22%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.6		49 - 133	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	104		52 - 132	104%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	107		48 - 125	107%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	62500	6.851			
1146-65-2	Naphthalene-d8	247000	8.128			
15067-26-2	Acenaphthene-d10	131000	9.88			
1517-22-2	Phenanthrene-d10	225000	11.374			
1719-03-5	Chrysene-d12	137000	14.027			
1520-96-3	Perylene-d12	141000	15.533			

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: **BF140924.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140924.D
Acq On : 19 Dec 2024 14:21
Operator : RC/JU
Sample : P5291-06DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW3-20241213DL

Quant Time: Dec 19 14:42:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	62503	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	247280	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	131466	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	224739	20.000	ng	0.00
76) Chrysene-d12	14.027	240	136937	20.000	ng	0.00
86) Perylene-d12	15.533	264	140691	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	41618	10.961	ng	0.02
7) Phenol-d6	6.516	99	33357	6.633	ng	0.02
23) Nitrobenzene-d5	7.416	82	93477	18.913	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	42146	27.106	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	198635	20.773	ng	0.00
79) Terphenyl-d14	12.957	244	186313	21.454	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.151	128	450546	33.169	ng	100
37) 2-Methylnaphthalene	8.839	142	23543	2.620	ng	95
38) 1-Methylnaphthalene	8.939	142	30569	3.440	ng	97

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

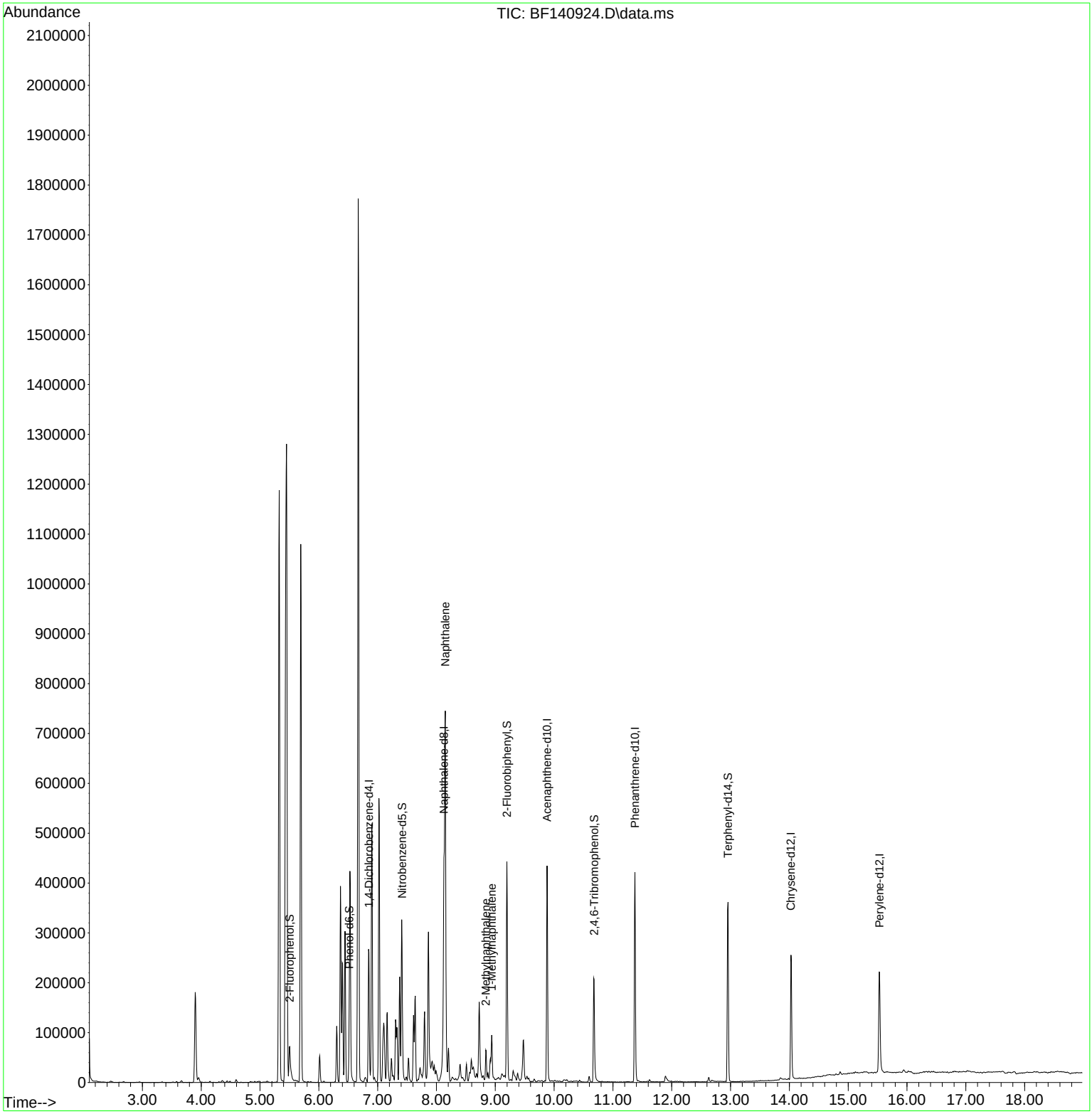
Quantitation Report (QT Reviewed)

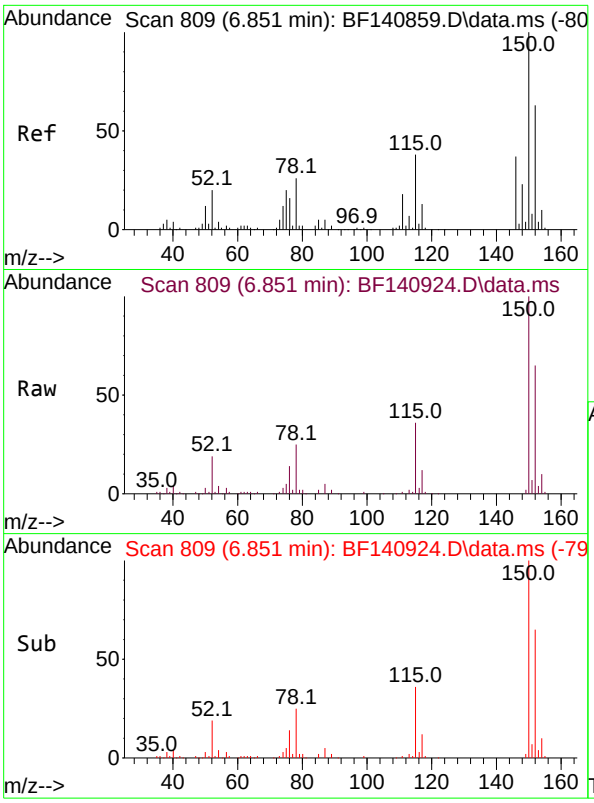
Sample Results: **BF140924.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140924.D
Acq On : 19 Dec 2024 14:21
Operator : RC/JU
Sample : P5291-06DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW3-20241213DL

Quant Time: Dec 19 14:42:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



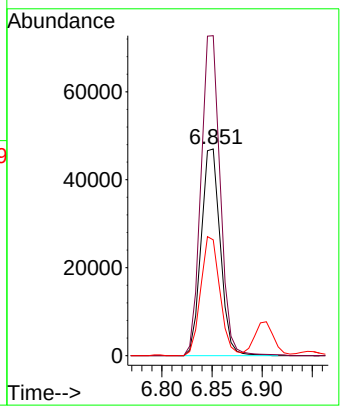


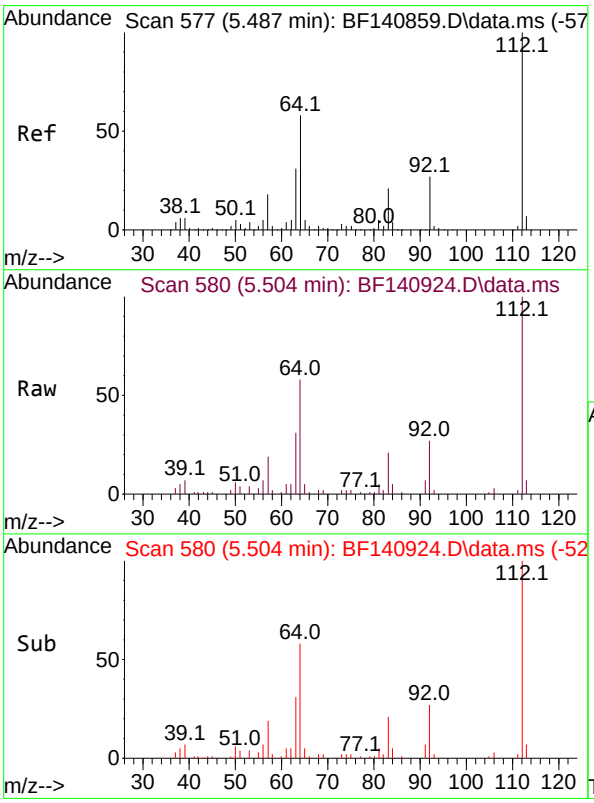
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Instrument :
BNA_F
ClientSampleId :
MW3-20241213DL

Tgt Ion:152 Resp: 62503

Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.9	191.9
115	56.0	48.0	72.0

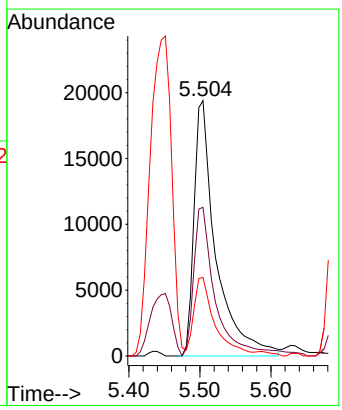


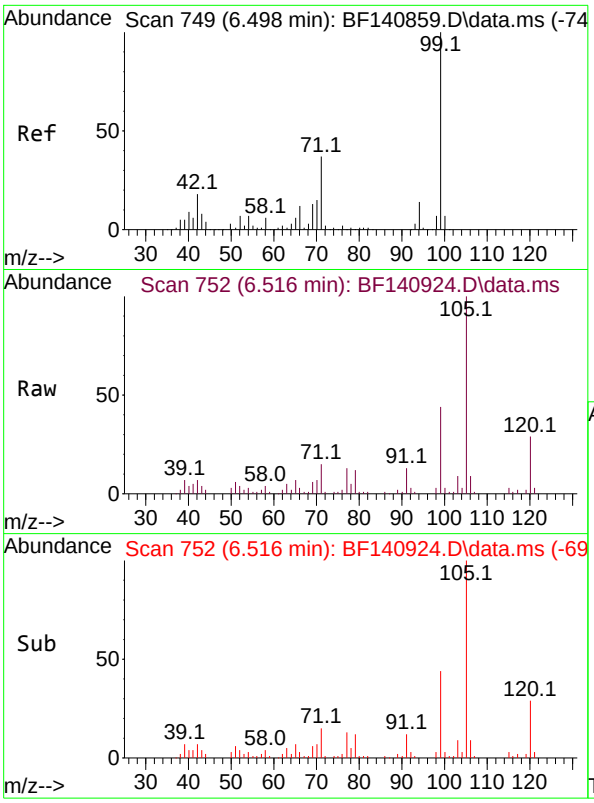


#5
2-Fluorophenol
Concen: 10.961 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Tgt Ion:112 Resp: 41618

Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.1	69.1
63	30.8	24.9	37.3



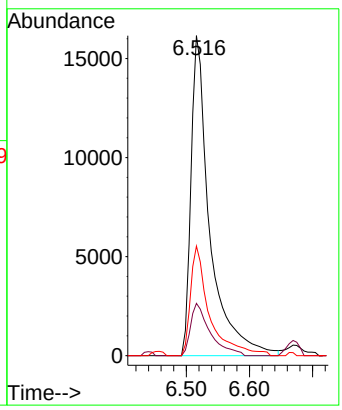


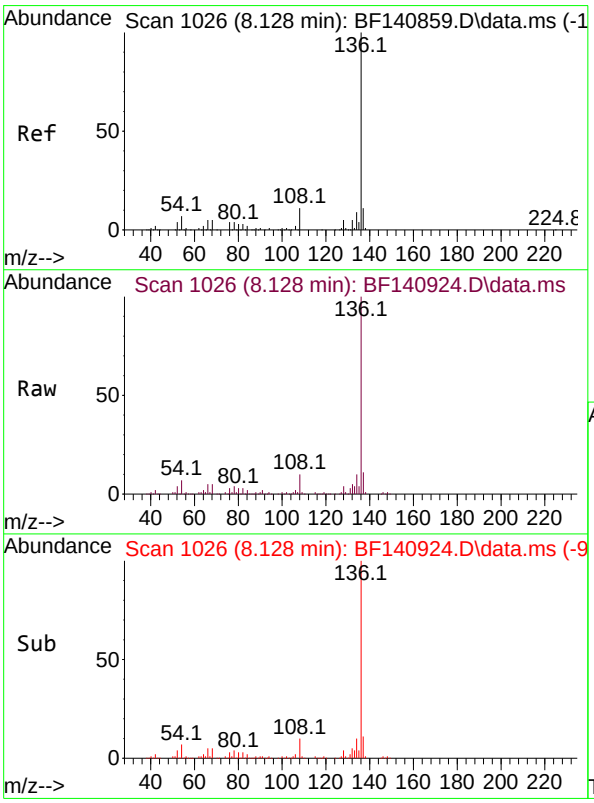
#7
Phenol-d6
Concen: 6.633 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.018 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Instrument :
BNA_F
ClientSampleId :
MW3-20241213DL

Tgt Ion: 99 Resp: 33357

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.3	21.5
71	34.3	29.9	44.9

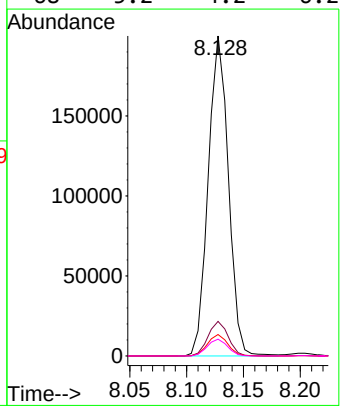


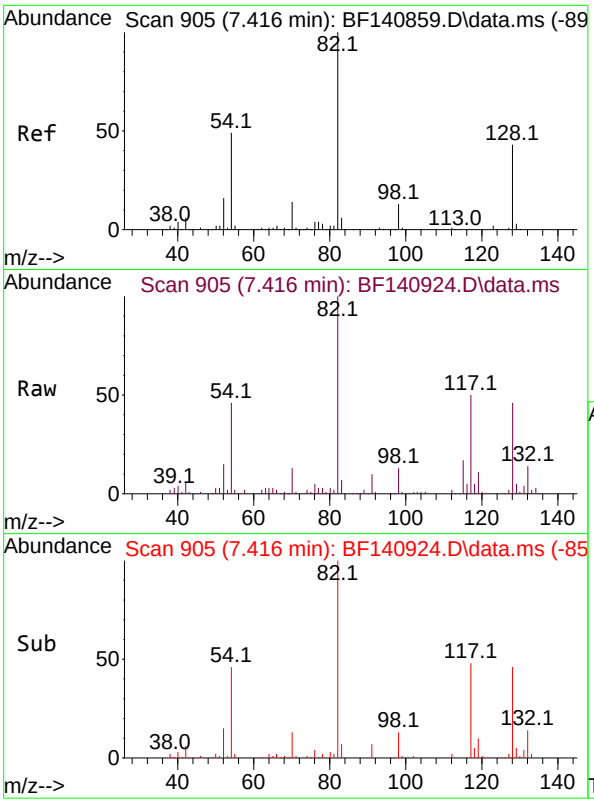


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Tgt Ion:136 Resp: 247280

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.7	5.6	8.4
68	5.2	4.2	6.2



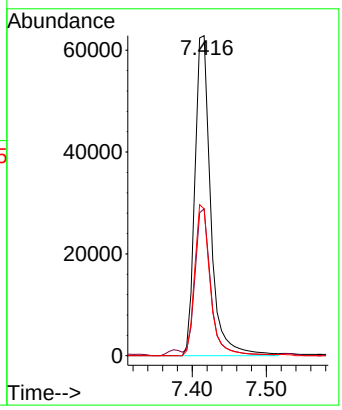


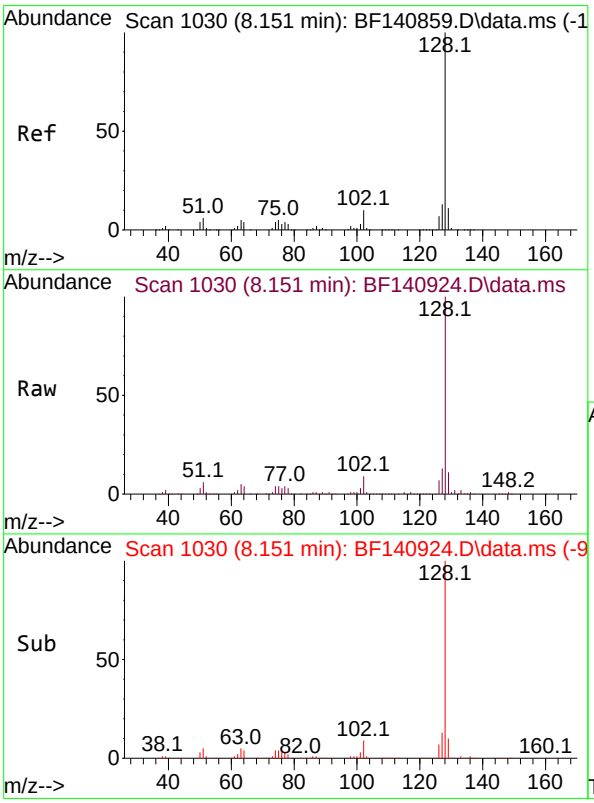
#23
Nitrobenzene-d5
Concen: 18.913 ng
RT: 7.416 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Instrument :
BNA_F
ClientSampleId :
MW3-20241213DL

Tgt Ion: 82 Resp: 93477

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.4	51.6
54	45.9	38.8	58.2

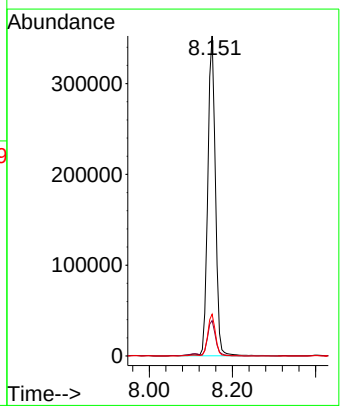


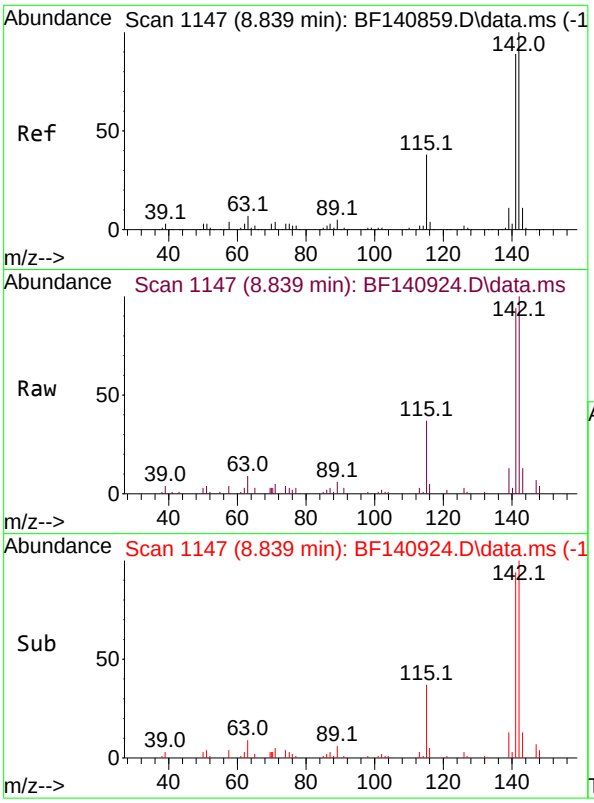


#31
Naphthalene
Concen: 33.169 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Tgt Ion:128 Resp: 450546

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.1	10.6	16.0



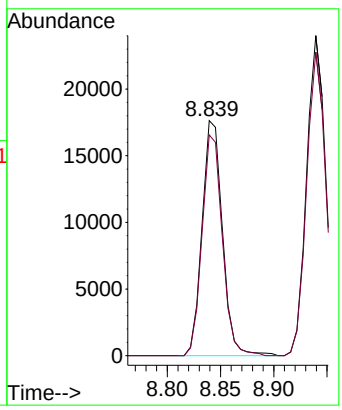


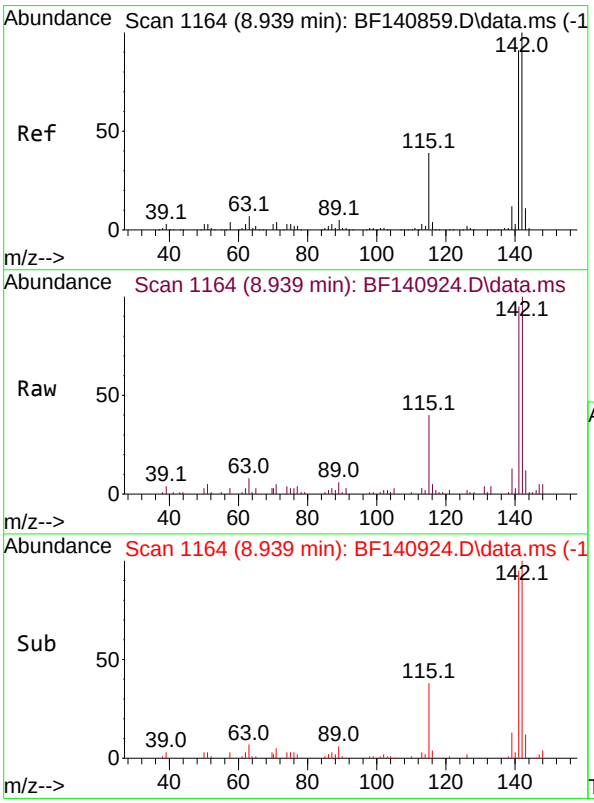
#37
2-Methylnaphthalene
Concen: 2.620 ng
RT: 8.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Instrument :
BNA_F
ClientSampleId :
MW3-20241213DL

Tgt Ion:142 Resp: 23543

Ion	Ratio	Lower	Upper
142	100		
141	93.9	71.0	106.6

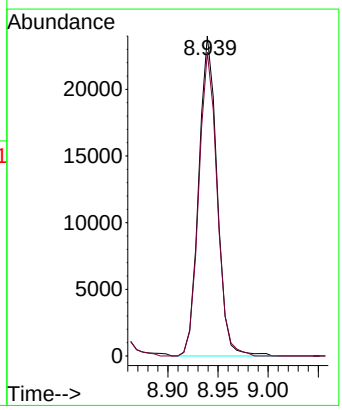


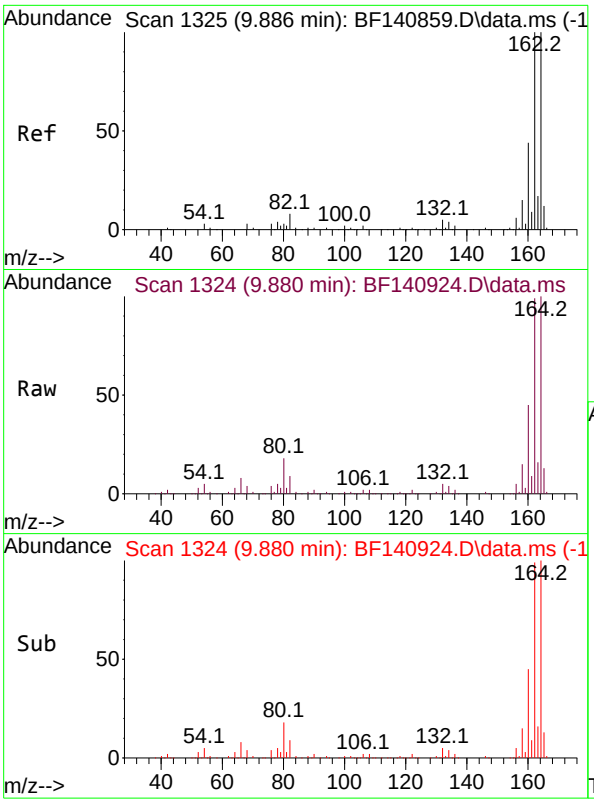


#38
1-Methylnaphthalene
Concen: 3.440 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Tgt Ion:142 Resp: 30569

Ion	Ratio	Lower	Upper
142	100		
141	94.9	73.4	110.0



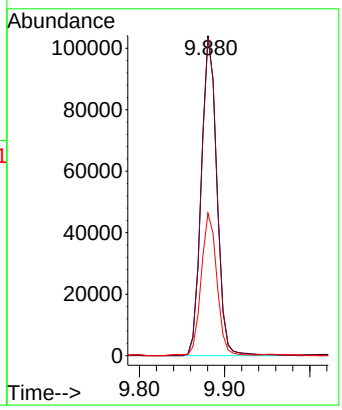


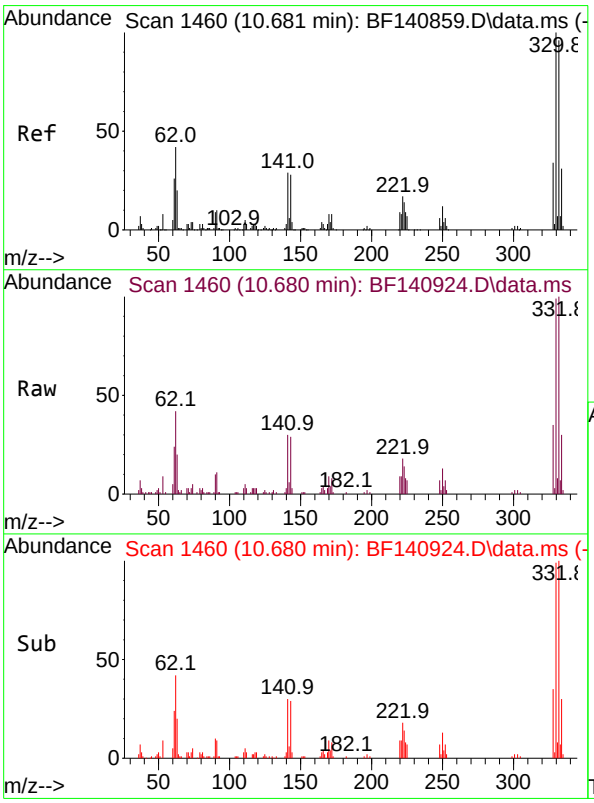
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Instrument :
BNA_F
ClientSampleId :
MW3-20241213DL

Tgt Ion:164 Resp: 131466

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.9	119.9
160	44.5	35.2	52.8

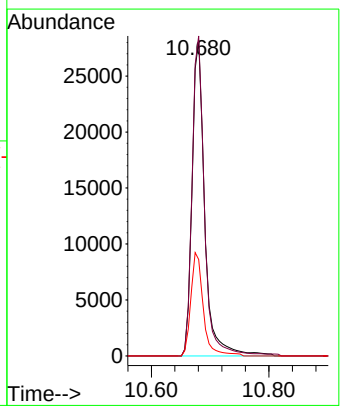


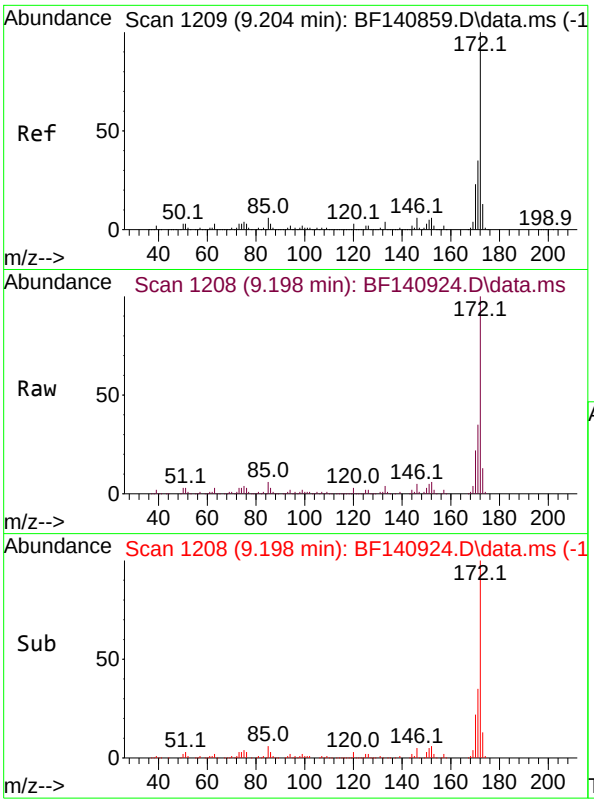


#42
2,4,6-Tribromophenol
Concen: 27.106 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Tgt Ion:330 Resp: 42146

Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.2	114.4
141	32.2	24.9	37.3



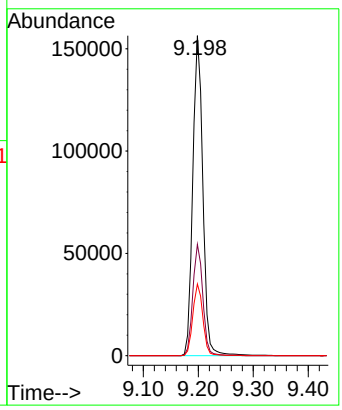


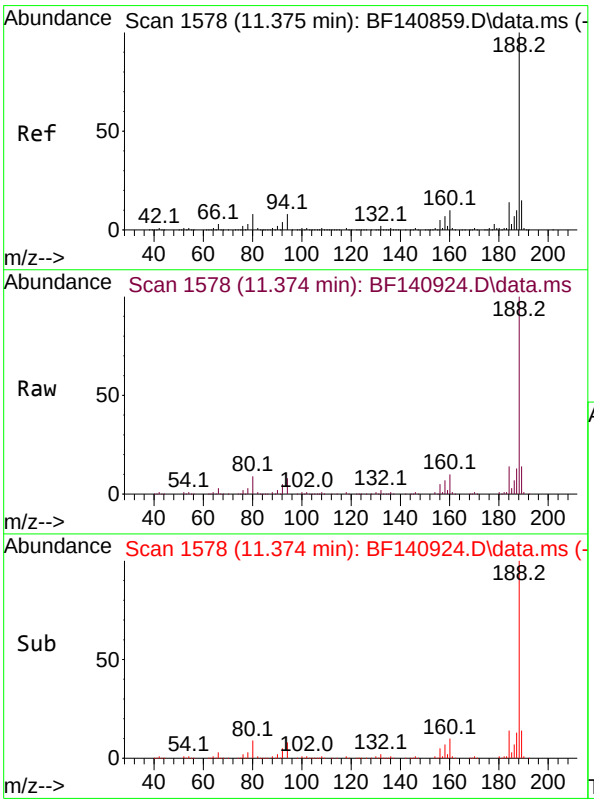
#45
2-Fluorobiphenyl
Concen: 20.773 ng
RT: 9.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Instrument :
BNA_F
ClientSampleId :
MW3-20241213DL

Tgt Ion:172 Resp: 198635

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.4	42.6
170	22.4	18.6	28.0

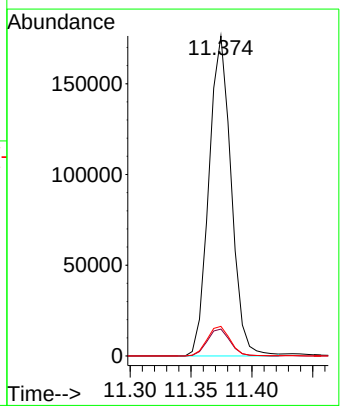


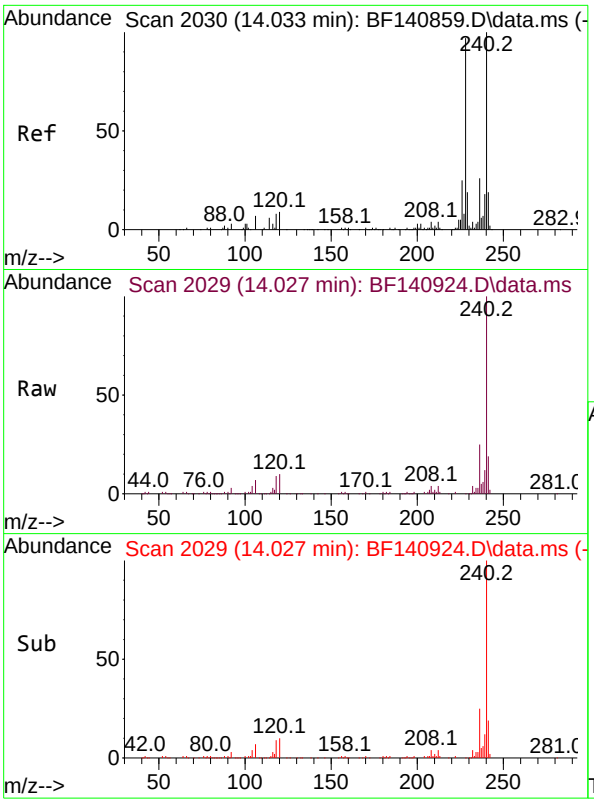


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Tgt Ion:188 Resp: 224739

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.4	9.6
80	9.3	6.8	10.2



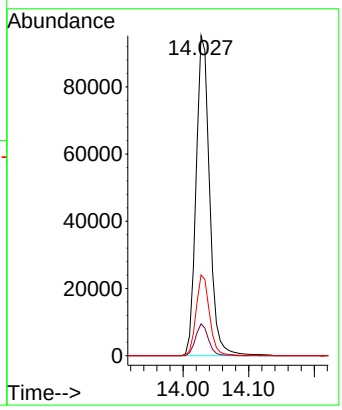


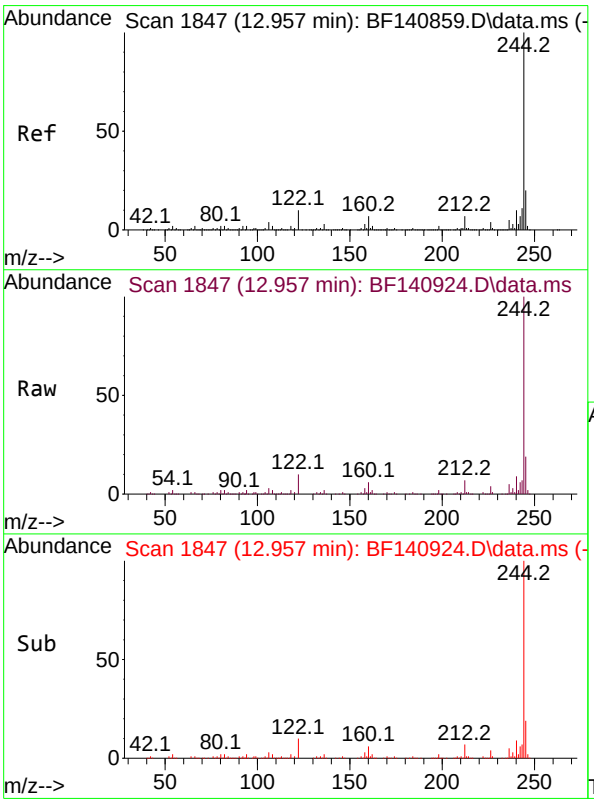
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Instrument :
BNA_F
ClientSampleId :
MW3-20241213DL

Tgt Ion:240 Resp: 136937

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.6	11.4
236	25.3	20.5	30.7

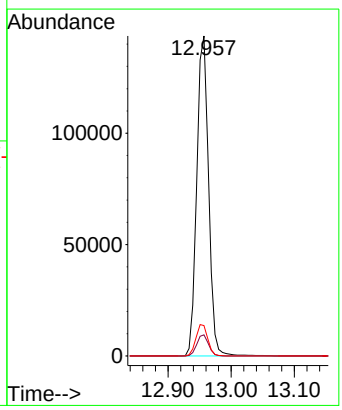


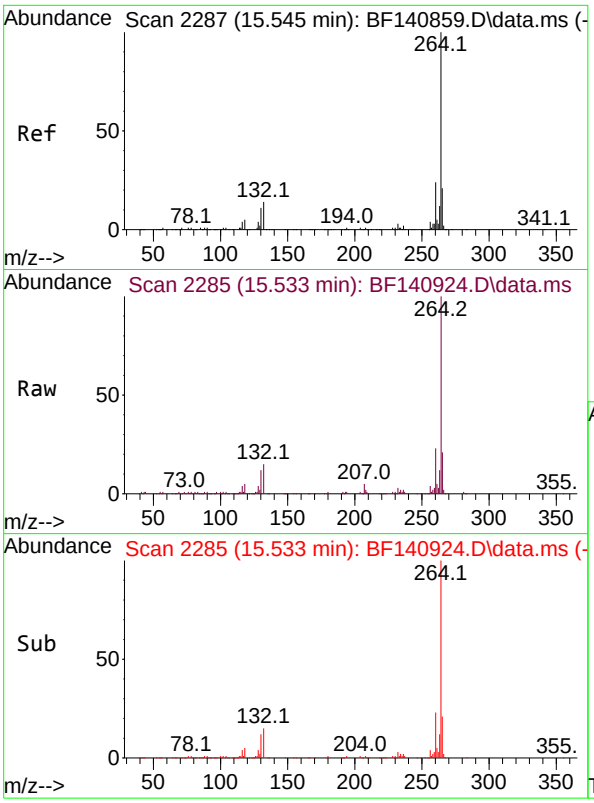


#79
Terphenyl-d14
Concen: 21.454 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Tgt Ion:244 Resp: 186313

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	9.5	8.2	12.2



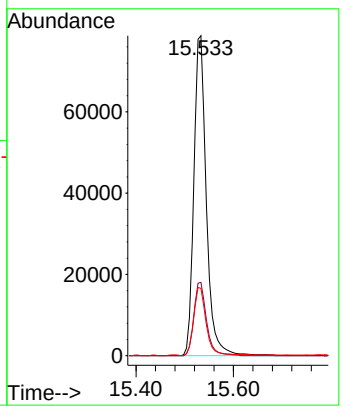


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Instrument :
BNA_F
ClientSampleId :
MW3-20241213DL

Tgt Ion:264 Resp: 140691

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	21.1	17.0	25.4



Raw Data: **BF140914.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-07	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140914.D	1	12/17/24 08:56	12/18/24 18:56	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.3	ug/L
108-95-2	Phenol	3.50	J	0.96	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	UQ	1.20	5.20	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	5.20	ug/L
95-48-7	2-Methylphenol	1.20	UQ	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	UQ	1.40	5.20	ug/L
98-86-2	Acetophenone	1.10	UQ	1.10	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.20	UQ	1.20	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	UQ	1.50	2.60	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.20	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.20	ug/L
78-59-1	Isophorone	1.20	UQ	1.20	5.20	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.20	ug/L
105-67-9	2,4-Dimethylphenol	24.5		1.60	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.10	UQ	1.10	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	5.20	ug/L
91-20-3	Naphthalene	11.8		1.10	5.20	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.20	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.20	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	5.20	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	5.20	U	5.20	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.20	ug/L
92-52-4	1,1-Biphenyl	0.94	UQ	0.94	5.20	ug/L
91-58-7	2-Chloronaphthalene	1.00	U	1.00	5.20	ug/L
88-74-4	2-Nitroaniline	1.50	U	1.50	5.20	ug/L
131-11-3	Dimethylphthalate	0.96	UQ	0.96	5.20	ug/L

Raw Data: **BF140914.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-07	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140914.D	1	12/17/24 08:56	12/18/24 18:56	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.10	UQ	1.10	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	1.30	U	1.30	5.20	ug/L
99-09-2	3-Nitroaniline	1.40	U	1.40	5.20	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	5.20	ug/L
51-28-5	2,4-Dinitrophenol	6.60	U	6.60	10.3	ug/L
100-02-7	4-Nitrophenol	2.10	U	2.10	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.20	ug/L
84-66-2	Diethylphthalate	1.10	U	1.10	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.00	U	1.00	5.20	ug/L
86-73-7	Fluorene	0.99	U	0.99	5.20	ug/L
100-01-6	4-Nitroaniline	2.10	U	2.10	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.20	U	3.20	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	UQ	0.92	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	UQ	0.98	5.20	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.20	ug/L
1912-24-9	Atrazine	1.30	UQ	1.30	5.20	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	5.20	ug/L
120-12-7	Anthracene	1.10	UQ	1.10	5.20	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.50	UQ	1.50	5.20	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.20	ug/L
129-00-0	Pyrene	1.10	UQ	1.10	5.20	ug/L
85-68-7	Butylbenzylphthalate	2.20	UQ	2.20	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	UQ	0.97	5.20	ug/L
218-01-9	Chrysene	0.89	U	0.89	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	UQ	1.90	5.20	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.20	ug/L

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-07	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140914.D	1	12/17/24 08:56	12/18/24 18:56	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	UQ	1.20	5.20	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.10	UQ	1.10	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	UQ	1.20	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.20	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.2		10 - 139	47%	SPK: 150
13127-88-3	Phenol-d6	39.4		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		49 - 133	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.9		52 - 132	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	154		44 - 137	103%	SPK: 150
1718-51-0	Terphenyl-d14	119		48 - 125	119%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	62900	6.845			
1146-65-2	Naphthalene-d8	214000	8.128			
15067-26-2	Acenaphthene-d10	146000	9.88			
1517-22-2	Phenanthrene-d10	265000	11.374			
1719-03-5	Chrysene-d12	139000	14.021			
1520-96-3	Perylene-d12	153000	15.51			
TENTATIVE IDENTIFIED COMPOUNDS						
000620-14-4	Benzene, 1-ethyl-3-methyl-	14.3	J		6.37	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	9.90	J		6.40	ug/L
000108-67-8	Mesitylene	12.4	J		6.45	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	62.2	J		6.67	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	29.8	J		6.90	ug/L
000496-11-7	Indane	38.4	J		7.02	ug/L
000105-05-5	Benzene, 1,4-diethyl-	10.5	J		7.09	ug/L

Raw Data: **BF140914.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-07	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140914.D	1	12/17/24 08:56	12/18/24 18:56	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000141-93-5	Benzene, 1,3-diethyl-	19.6	J		7.16	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	8.90	J		7.30	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	6.40	J		7.86	ug/L
000118-90-1	Benzoic acid, 2-methyl-	14.9	J		8.43	ug/L
000099-04-7	Benzoic acid, 3-methyl-	7.50	J		8.56	ug/L
90-12-0	1-Methylnaphthalene	2.80	J		8.94	ug/L
000611-01-8	Benzoic acid, 2,4-dimethyl-	44.8	J		9.06	ug/L
000619-04-5	Benzoic acid, 3,4-dimethyl-	11.5	J		9.12	ug/L
000499-06-9	Benzoic acid, 3,5-dimethyl-	14.0	J		9.33	ug/L
000057-10-3	n-Hexadecanoic acid	6.60	J		11.9	ug/L

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 (LSC Reviewed)

Sample Results: **BF140914.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140914.D
Acq On : 18 Dec 2024 18:56
Operator : RC/JU
Sample : P5291-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW6-20241213

Quant Time: Dec 19 00:17:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	62895	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	213782	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	145598	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	265192	20.000	ng	0.00
76) Chrysene-d12	14.021	240	138770	20.000	ng	-0.01
86) Perylene-d12	15.510	264	153106	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	268048	70.158	ng	0.00
7) Phenol-d6	6.504	99	199564	39.436	ng	0.00
23) Nitrobenzene-d5	7.416	82	438495	102.620	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	265882	154.402	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	951746	89.871	ng	0.00
79) Terphenyl-d14	12.957	244	1045841	118.841	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.516	94	18043	3.440	ng	# 78
27) 2,4-Dimethylphenol	7.792	122	56036	23.799	ng	99
31) Naphthalene	8.151	128	134786	11.478	ng	99
38) 1-Methylnaphthalene	8.939	142	21164	2.755	ng	99

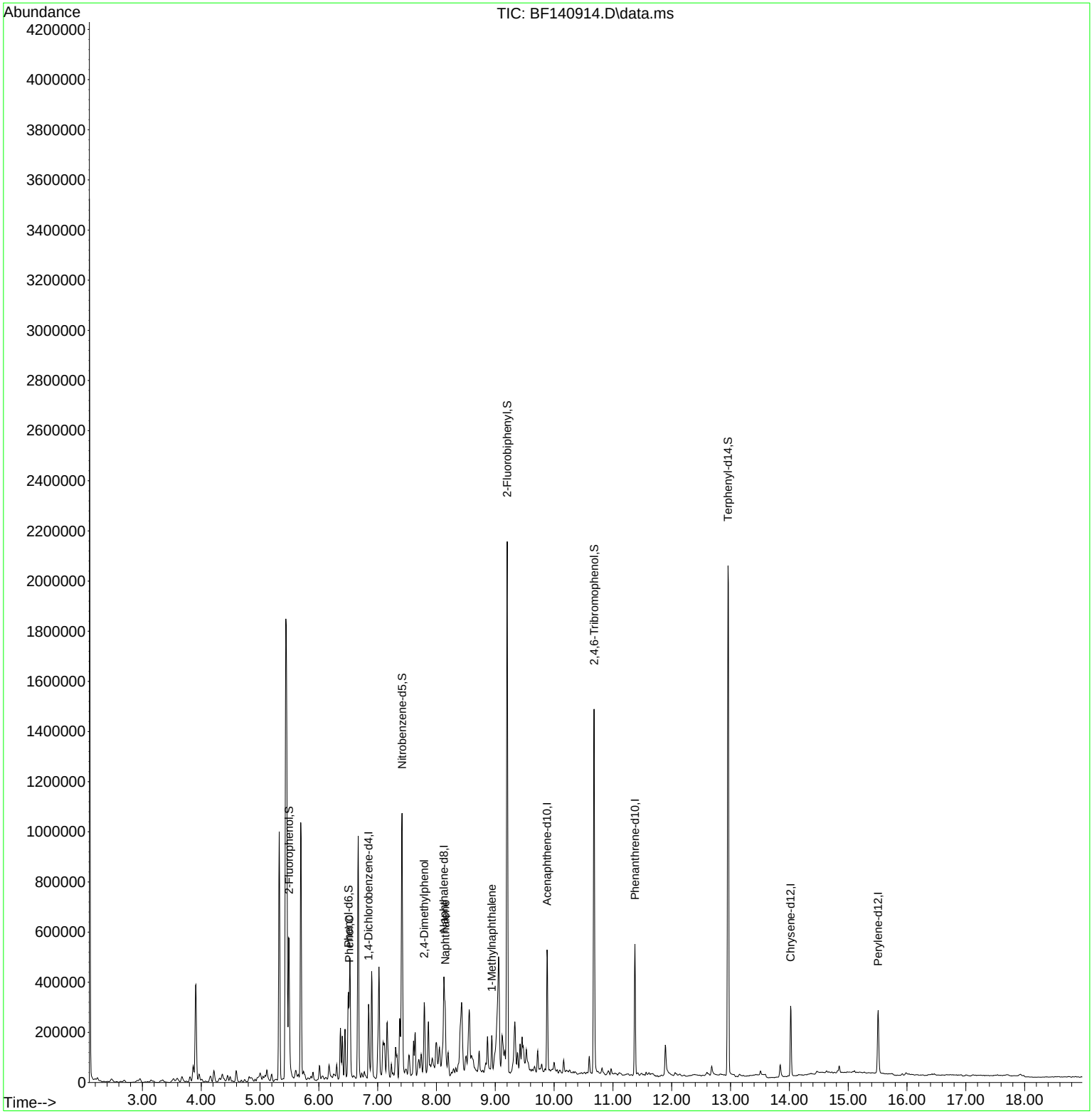
(#) = qualifier out of range (m) = manual integration (+) = signals summed

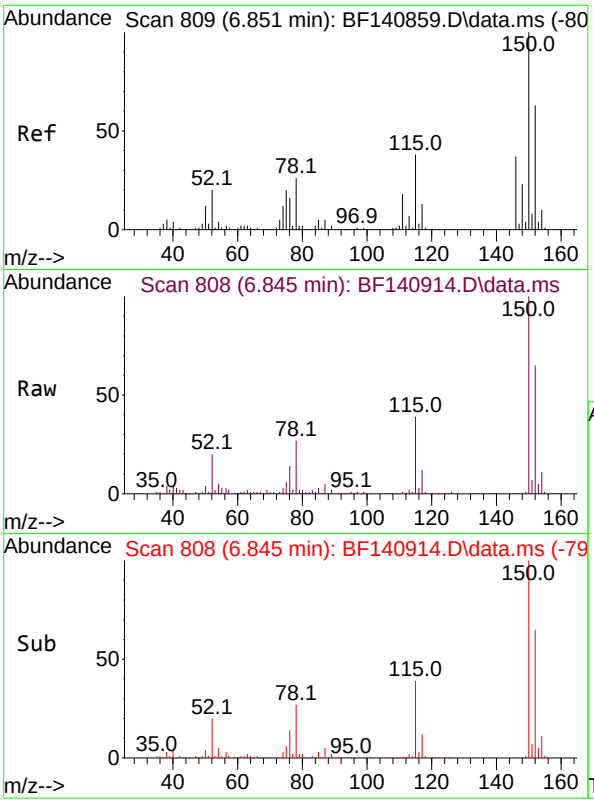
Sample Results: **BF140914.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140914.D
Acq On : 18 Dec 2024 18:56
Operator : RC/JU
Sample : P5291-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW6-20241213

Quant Time: Dec 19 00:17:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



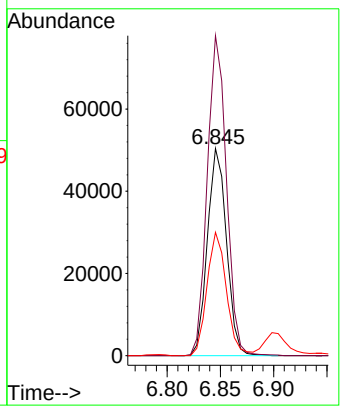


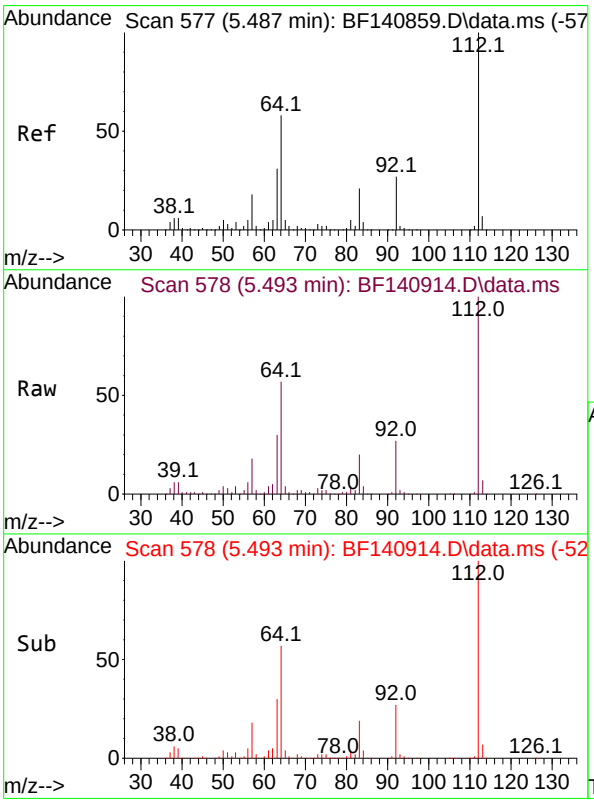
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Instrument :
BNA_F
ClientSampleId :
MW6-20241213

Tgt Ion:152 Resp: 62895

Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.9	191.9
115	59.5	48.0	72.0

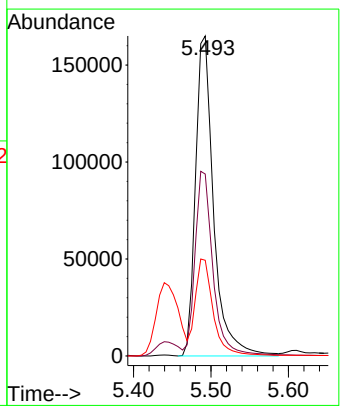


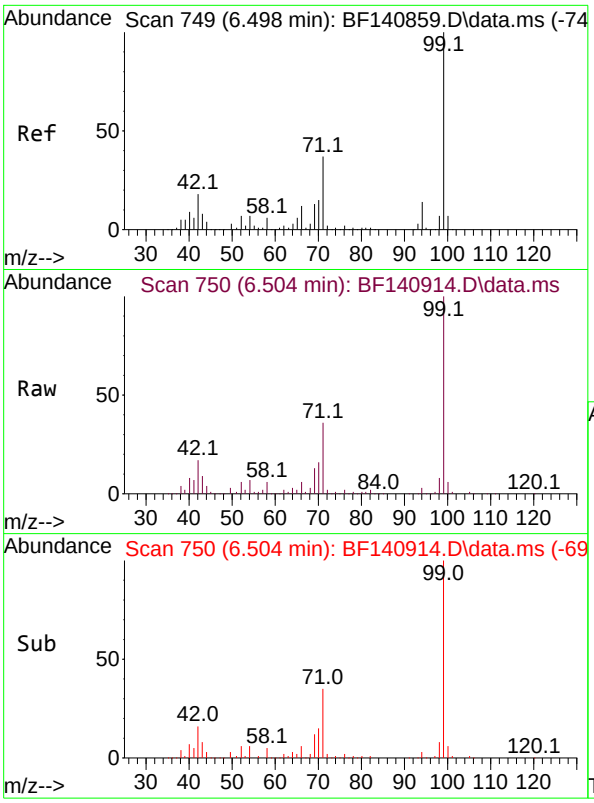


#5
2-Fluorophenol
Concen: 70.158 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Tgt Ion:112 Resp: 268048

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.1	69.1
63	29.9	24.9	37.3



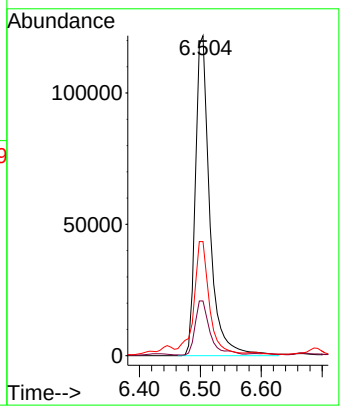


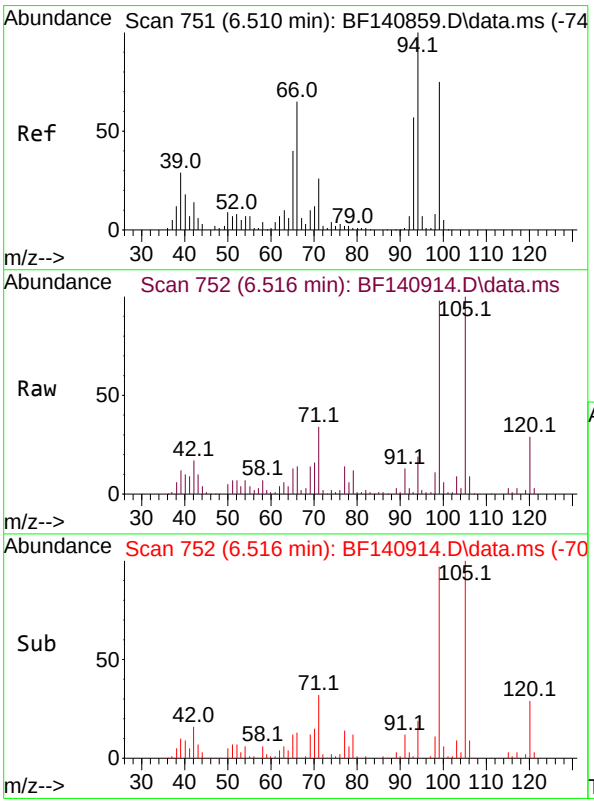
#7
Phenol-d6
Concen: 39.436 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Instrument :
BNA_F
ClientSampleId :
MW6-20241213

Tgt Ion: 99 Resp: 199564

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.3	21.5
71	35.6	29.9	44.9

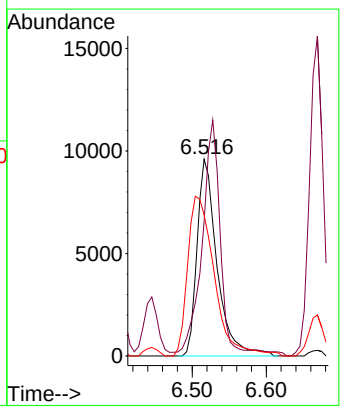


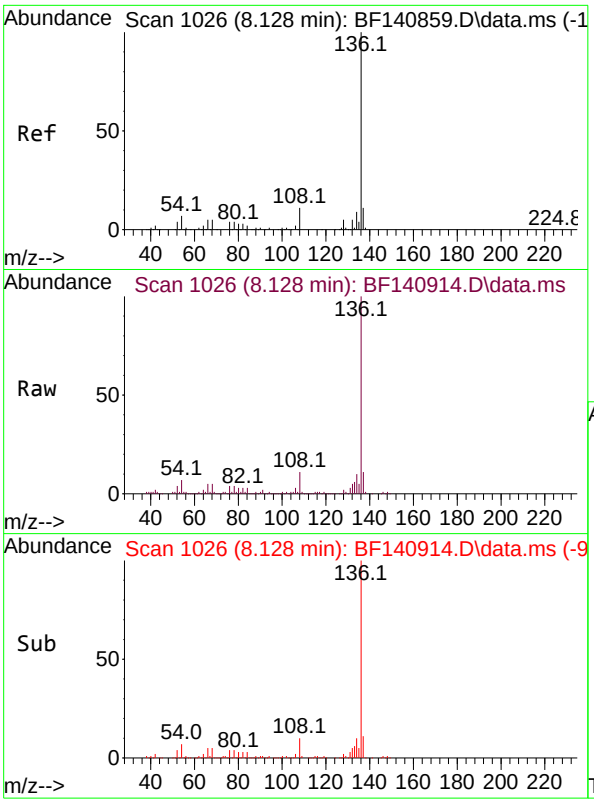


#10
Phenol
Concen: 3.440 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Tgt Ion: 94 Resp: 18043

Ion	Ratio	Lower	Upper
94	100		
65	68.3	19.9	59.9#
66	71.6	45.6	85.6



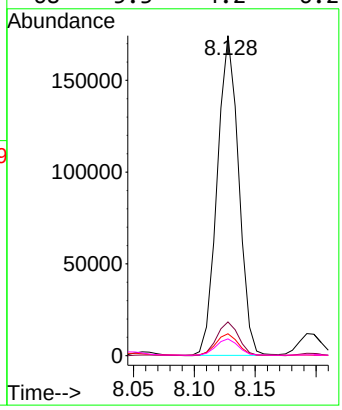


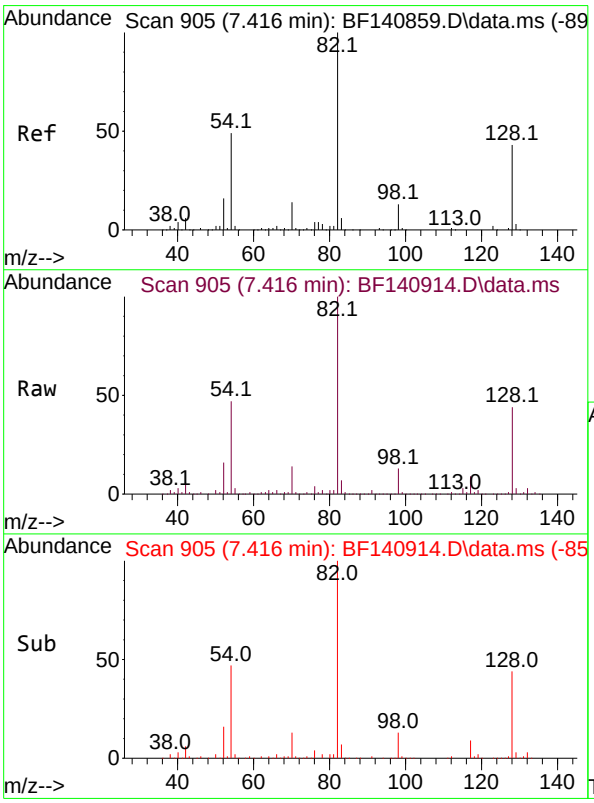
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Instrument :
BNA_F
ClientSampleId :
MW6-20241213

Tgt Ion:136 Resp: 213782

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.9	5.6	8.4
68	5.3	4.2	6.2

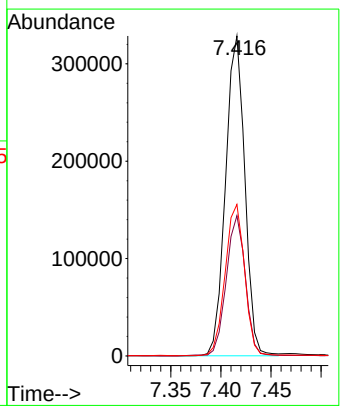


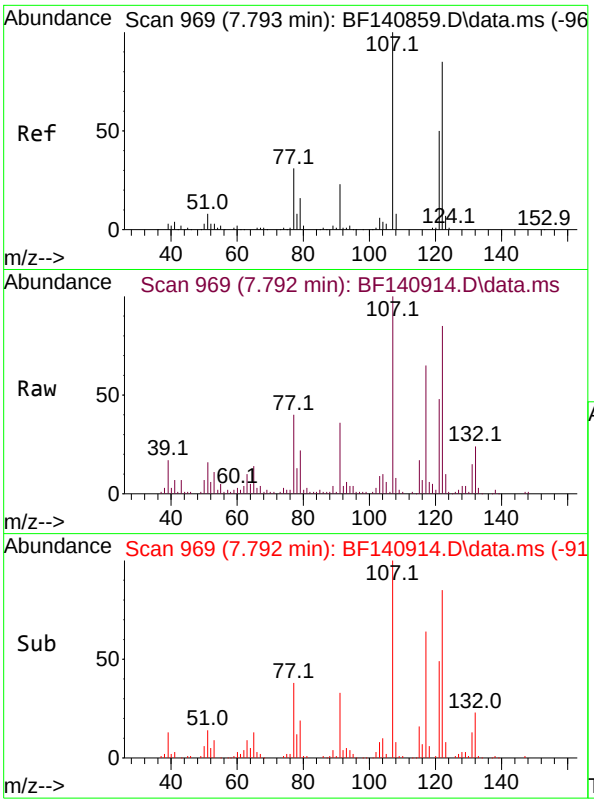


#23
Nitrobenzene-d5
Concen: 102.620 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Tgt Ion: 82 Resp: 438495

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.4	51.6
54	47.3	38.8	58.2



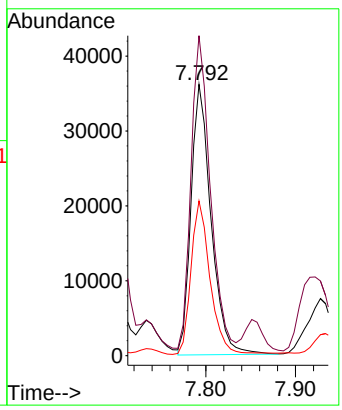


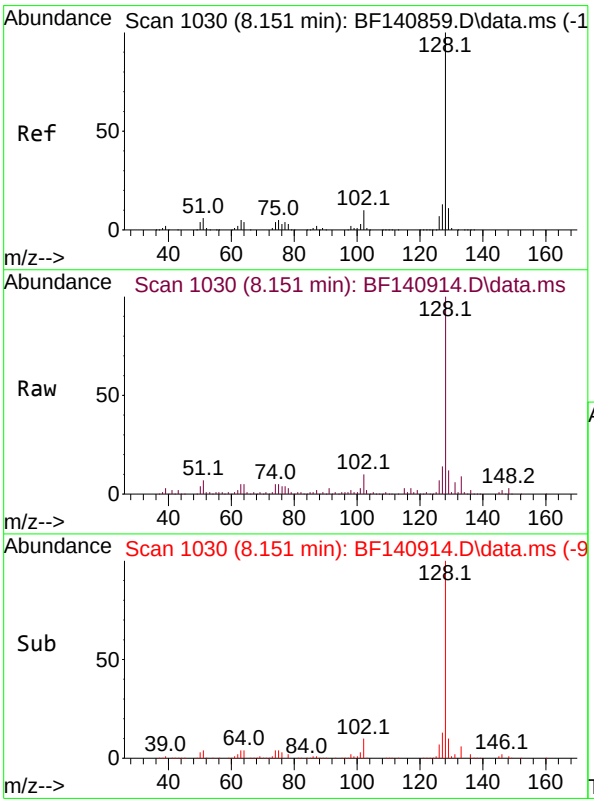
#27
2,4-Dimethylphenol
Concen: 23.799 ng
RT: 7.792 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Instrument :
BNA_F
ClientSampleId :
MW6-20241213

Tgt Ion:122 Resp: 56036

Ion	Ratio	Lower	Upper
122	100		
107	117.9	92.6	139.0
121	57.0	45.8	68.8

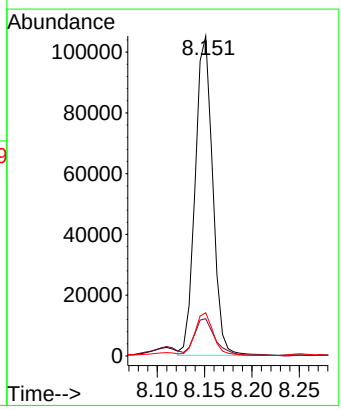


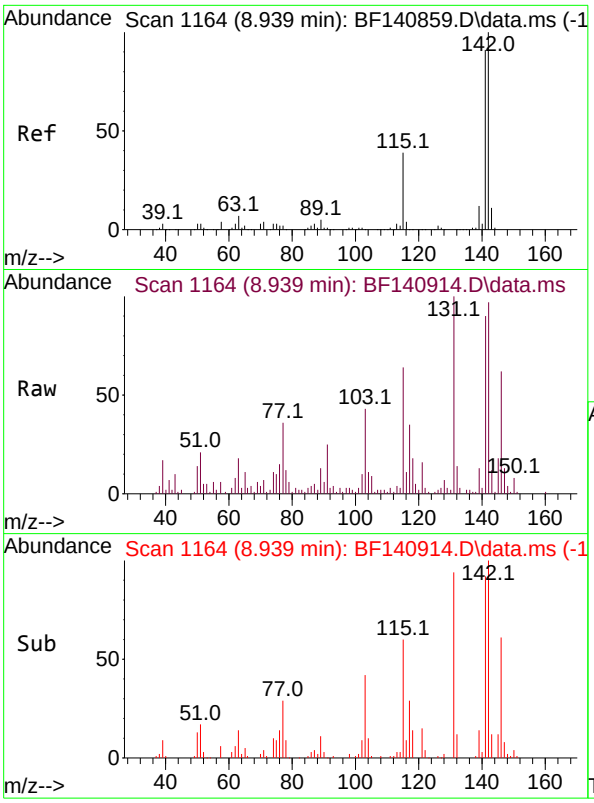


#31
Naphthalene
Concen: 11.478 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Tgt Ion:128 Resp: 134786

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.5	10.6	16.0



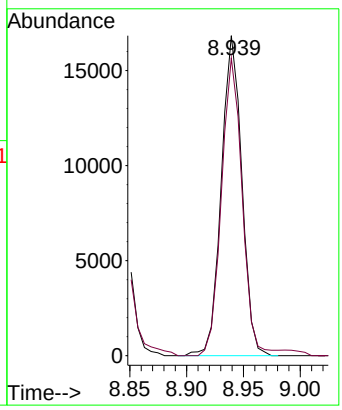


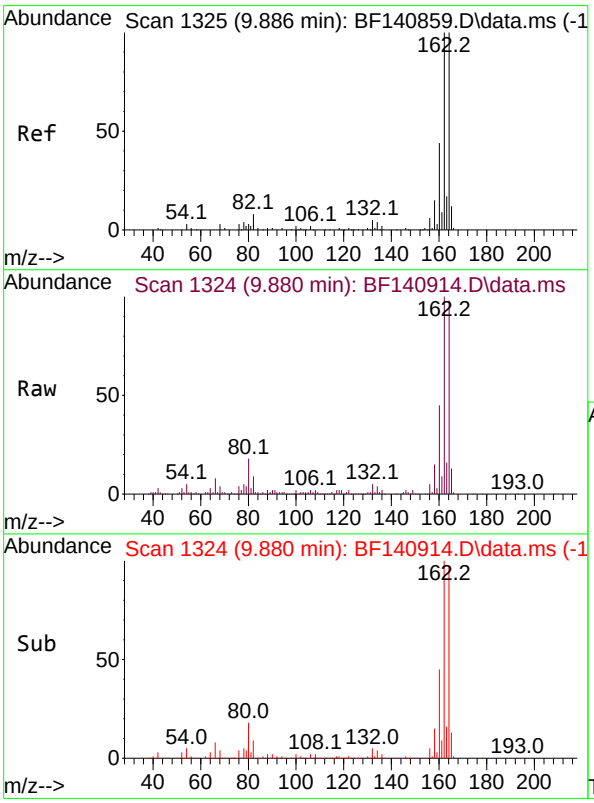
#38
1-Methylnaphthalene
Concen: 2.755 ng
RT: 8.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Instrument :
BNA_F
ClientSampleId :
MW6-20241213

Tgt Ion:142 Resp: 21164

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.4	110.0

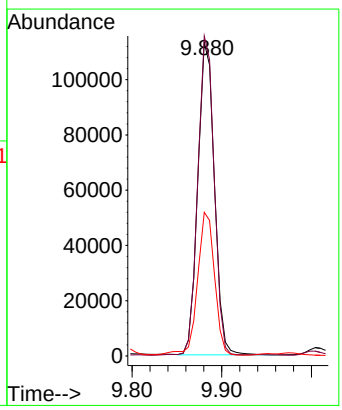


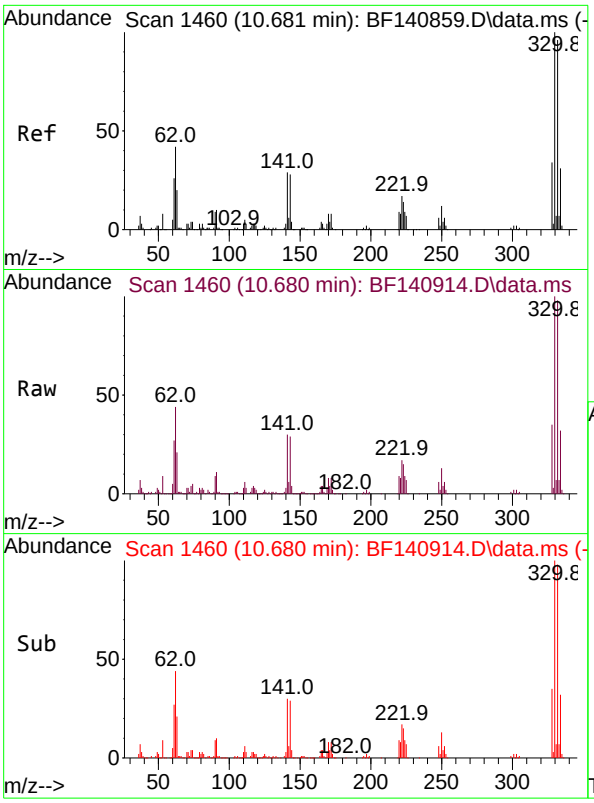


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Tgt Ion:164 Resp: 145598

Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.9	119.9
160	45.8	35.2	52.8



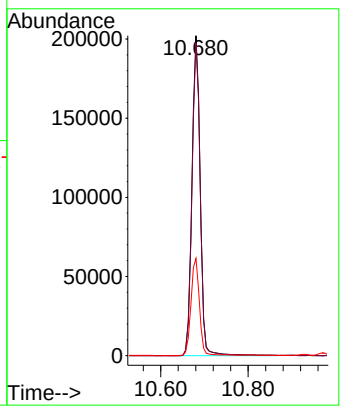


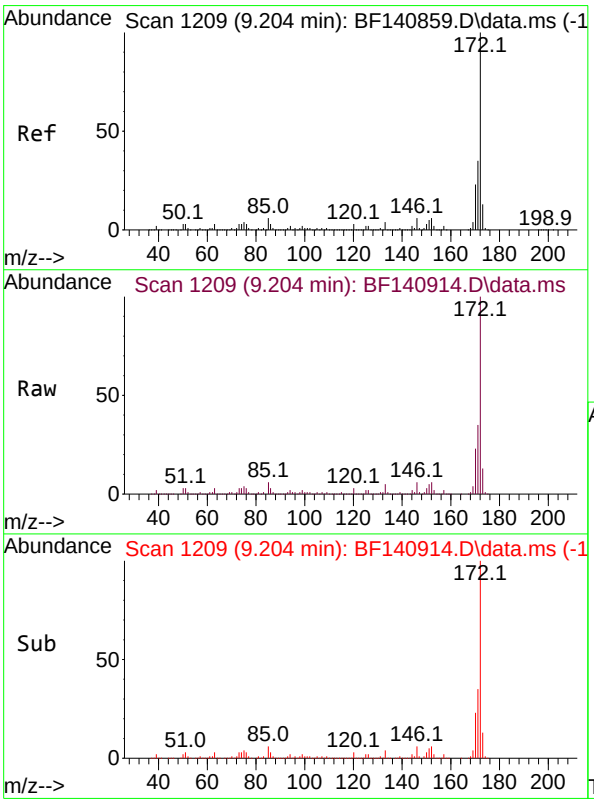
#42
2,4,6-Tribromophenol
Concen: 154.402 ng
RT: 10.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Instrument :
BNA_F
ClientSampleId :
MW6-20241213

Tgt Ion:330 Resp: 265882

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.4
141	31.4	24.9	37.3

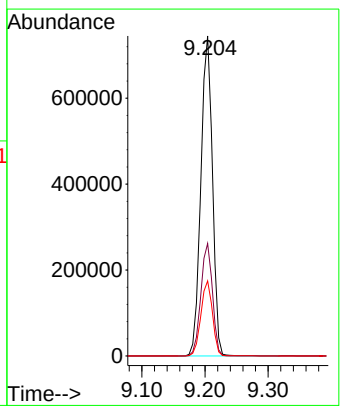


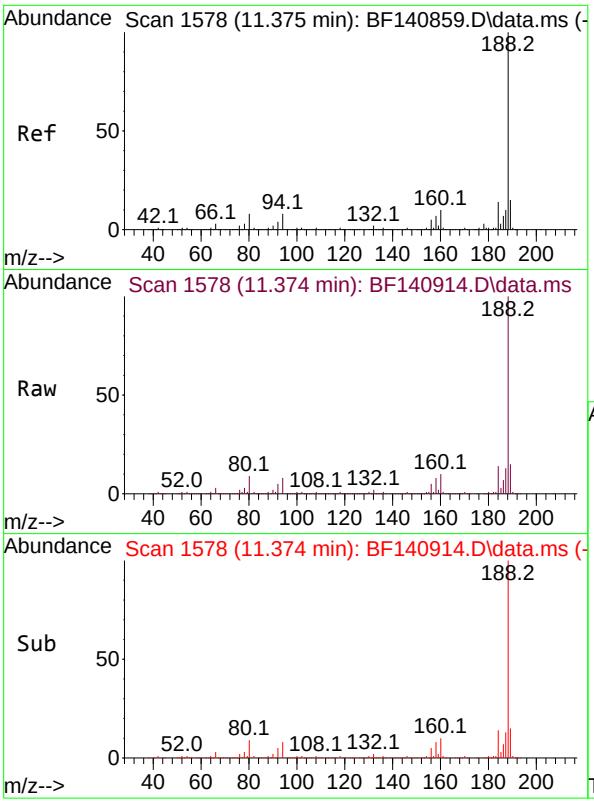


#45
2-Fluorobiphenyl
Concen: 89.871 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Tgt Ion:172 Resp: 951746

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.4	42.6
170	23.4	18.6	28.0



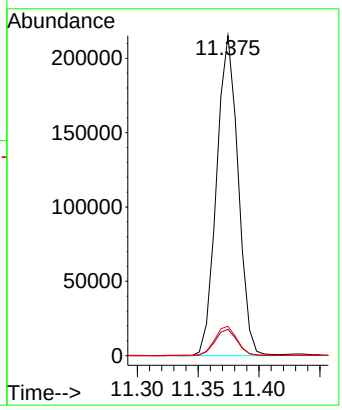


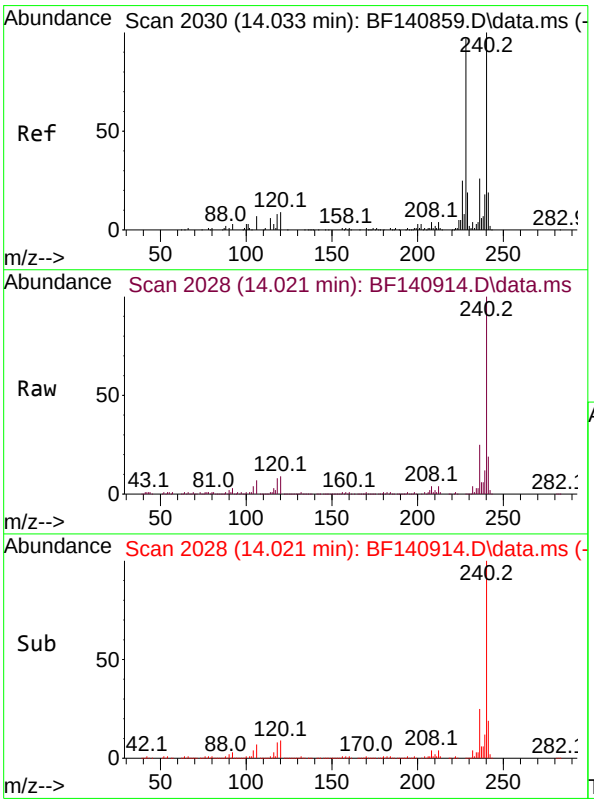
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Instrument :
BNA_F
ClientSampleId :
MW6-20241213

Tgt Ion:188 Resp: 265192

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.4	9.6
80	9.2	6.8	10.2

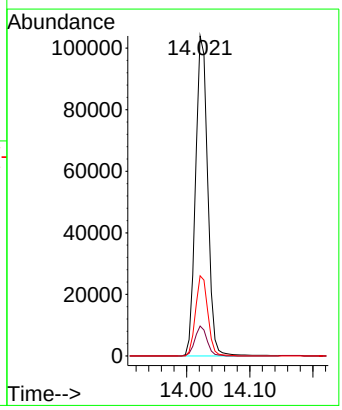


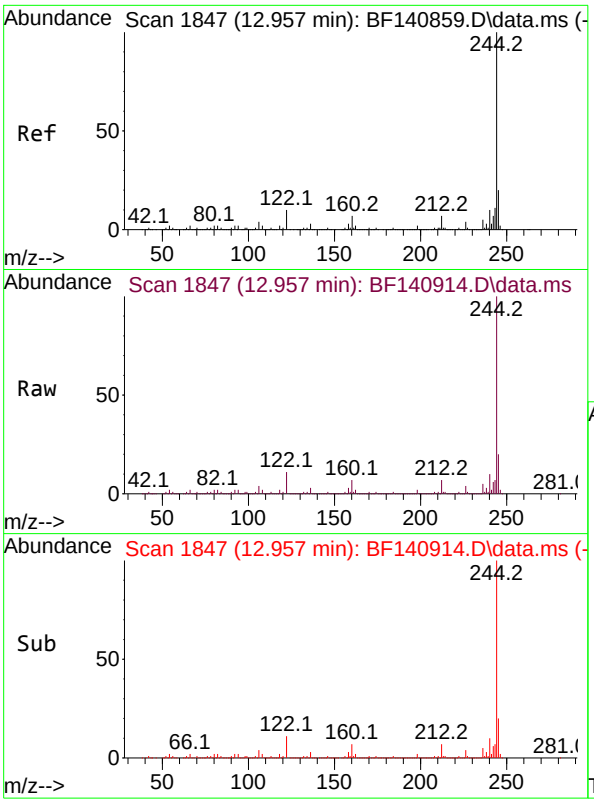


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Tgt Ion:240 Resp: 138770

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.6	11.4
236	25.1	20.5	30.7



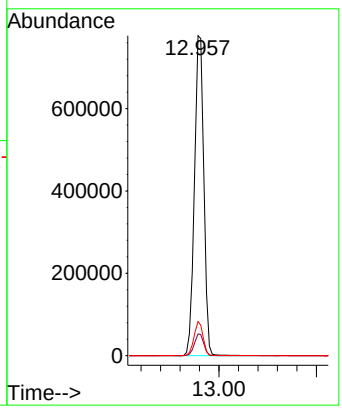


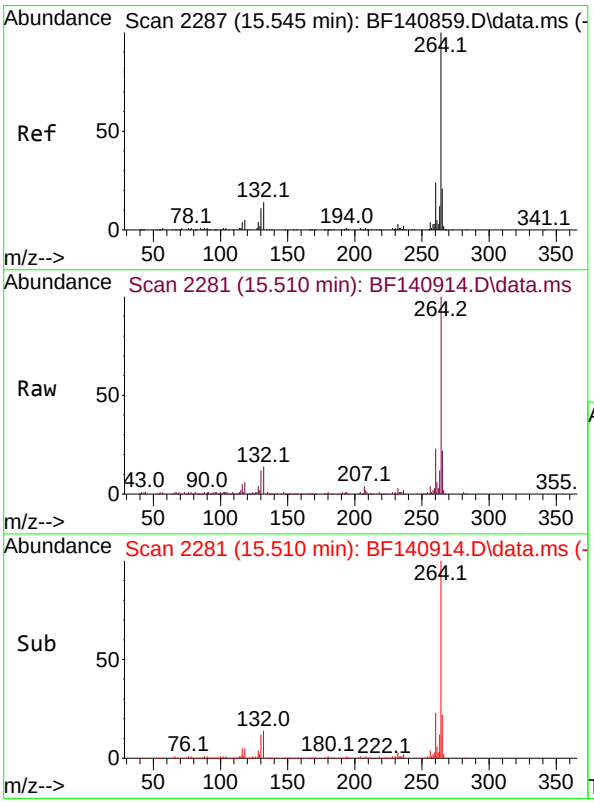
#79
Terphenyl-d14
Concen: 118.841 ng
RT: 12.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Instrument :
BNA_F
ClientSampleId :
MW6-20241213

Tgt Ion:244 Resp: 1045841

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.7	8.2	12.2

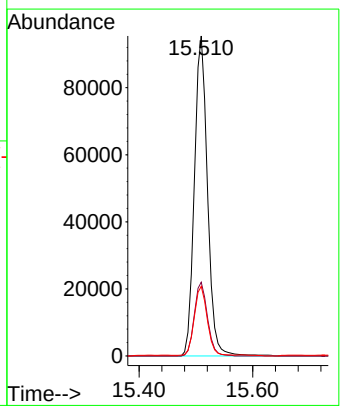




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. -0.035 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Tgt Ion:264 Resp: 153106

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.7	17.0	25.4



Raw Data: **BF140915.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213-A	SDG No.:	P5291
Lab Sample ID:	P5291-10	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140915.D	1	12/17/24 08:56	12/18/24 19:23	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.0	ug/L
108-95-2	Phenol	4.00	J	0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	UQ	1.20	5.00	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	5.00	ug/L
95-48-7	2-Methylphenol	1.10	UQ	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	UQ	1.40	5.00	ug/L
98-86-2	Acetophenone	1.10	UQ	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	UQ	1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	UQ	1.50	2.50	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
78-59-1	Isophorone	1.10	UQ	1.10	5.00	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	24.2		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	UQ	1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	5.00	ug/L
91-20-3	Naphthalene	12.2		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	1.10	U	1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	5.00	U	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	0.91	UQ	0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	5.00	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.00	ug/L
131-11-3	Dimethylphthalate	0.93	UQ	0.93	5.00	ug/L

Raw Data: **BF140915.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213-A	SDG No.:	P5291
Lab Sample ID:	P5291-10	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140915.D	1	12/17/24 08:56	12/18/24 19:23	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.00	UQ	1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
99-09-2	3-Nitroaniline	1.40	U	1.40	5.00	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.40	U	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.0	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
84-66-2	Diethylphthalate	1.00	U	1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	5.00	ug/L
86-73-7	Fluorene	0.96	U	0.96	5.00	ug/L
100-01-6	4-Nitroaniline	2.00	U	2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	UQ	0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	UQ	0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
1912-24-9	Atrazine	1.30	UQ	1.30	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	5.00	ug/L
120-12-7	Anthracene	1.10	UQ	1.10	5.00	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	UQ	1.50	5.00	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.00	ug/L
129-00-0	Pyrene	1.10	UQ	1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	2.10	UQ	2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.94	UQ	0.94	5.00	ug/L
218-01-9	Chrysene	0.86	U	0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	UQ	1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	1.10	U	1.10	5.00	ug/L

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Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213-A	SDG No.:	P5291
Lab Sample ID:	P5291-10	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140915.D	1	12/17/24 08:56	12/18/24 19:23	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	UQ	1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	UQ	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	UQ	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.00	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	66.6		10 - 139	44%	SPK: 150
13127-88-3	Phenol-d6	43.0		10 - 134	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	105		49 - 133	105%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.8		52 - 132	97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	154		44 - 137	103%	SPK: 150
1718-51-0	Terphenyl-d14	106		48 - 125	106%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	55500	6.845			
1146-65-2	Naphthalene-d8	235000	8.128			
15067-26-2	Acenaphthene-d10	146000	9.88			
1517-22-2	Phenanthrene-d10	253000	11.375			
1719-03-5	Chrysene-d12	157000	14.021			
1520-96-3	Perylene-d12	150000	15.51			
TENTATIVE IDENTIFIED COMPOUNDS						
	unknown3.869	5.90	J		3.87	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	14.9	J		6.37	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	10.9	J		6.40	ug/L
000108-67-8	Mesitylene	13.5	J		6.45	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	65.7	J		6.67	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	30.3	J		6.90	ug/L
000496-11-7	Indane	38.4	J		7.02	ug/L

Raw Data: **BF140915.D**

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Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213-A	SDG No.:	P5291
Lab Sample ID:	P5291-10	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140915.D	1	12/17/24 08:56	12/18/24 19:23	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000105-05-5	Benzene, 1,4-diethyl-	10.4	J		7.09	ug/L
000135-01-3	Benzene, 1,2-diethyl-	18.5	J		7.16	ug/L
000527-84-4	o-Cymene	10.2	J		7.30	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	6.30	J		7.86	ug/L
000118-90-1	Benzoic acid, 2-methyl-	15.0	J		8.43	ug/L
000099-04-7	Benzoic acid, 3-methyl-	7.70	J		8.56	ug/L
90-12-0	1-Methylnaphthalene	3.00	J		8.94	ug/L
000611-01-8	Benzoic acid, 2,4-dimethyl-	49.5	J		9.06	ug/L
000619-04-5	Benzoic acid, 3,4-dimethyl-	12.5	J		9.12	ug/L
000499-06-9	Benzoic acid, 3,5-dimethyl-	16.0	J		9.33	ug/L
000528-90-5	Benzoic acid, 2,4,5-trimethyl-	6.20	J		9.53	ug/L

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 (LSC Reviewed)

Sample Results: **BF140915.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140915.D
Acq On : 18 Dec 2024 19:23
Operator : RC/JU
Sample : P5291-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

Quant Time: Dec 19 01:20:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	55545	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	235361	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	145926	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	253299	20.000	ng	0.00
76) Chrysene-d12	14.021	240	156863	20.000	ng	-0.01
86) Perylene-d12	15.510	264	149587	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	224736	66.605	ng	0.00
7) Phenol-d6	6.504	99	191985	42.958	ng	0.00
23) Nitrobenzene-d5	7.416	82	491837	104.551	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	266267	154.278	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1027748	96.830	ng	0.00
79) Terphenyl-d14	12.957	244	1053942	105.948	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.516	94	18624	4.021	ng	# 82
27) 2,4-Dimethylphenol	7.792	122	62720	24.196	ng	99
31) Naphthalene	8.151	128	157119	12.153	ng	99
38) 1-Methylnaphthalene	8.939	142	25204	2.980	ng	98

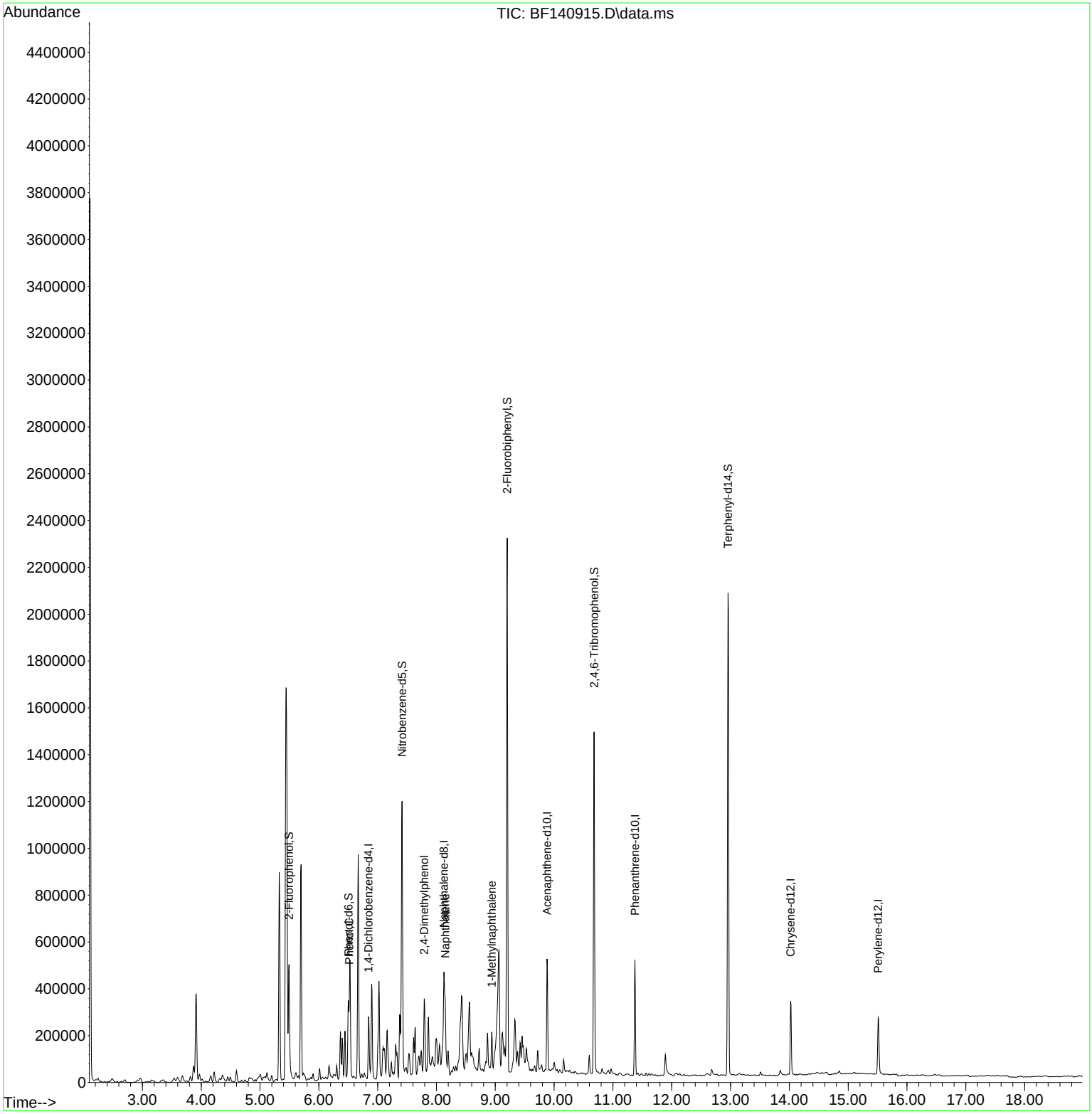
(#) = qualifier out of range (m) = manual integration (+) = signals summed

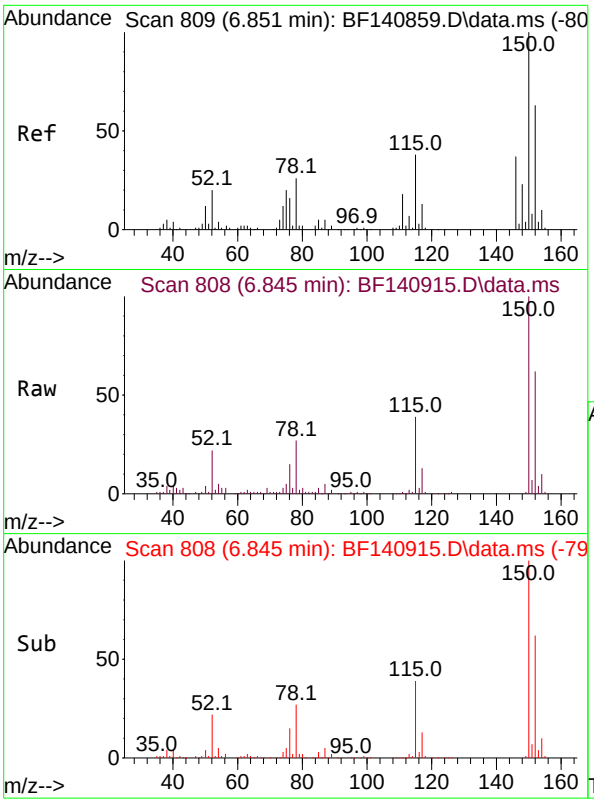
Sample Results: **BF140915.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140915.D
Acq On : 18 Dec 2024 19:23
Operator : RC/JU
Sample : P5291-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

Quant Time: Dec 19 01:20:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



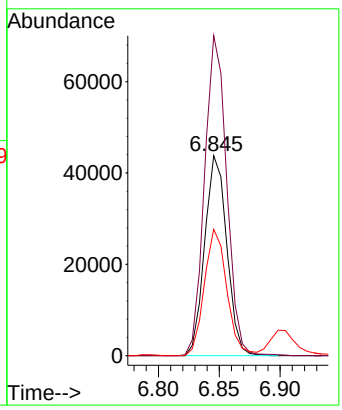


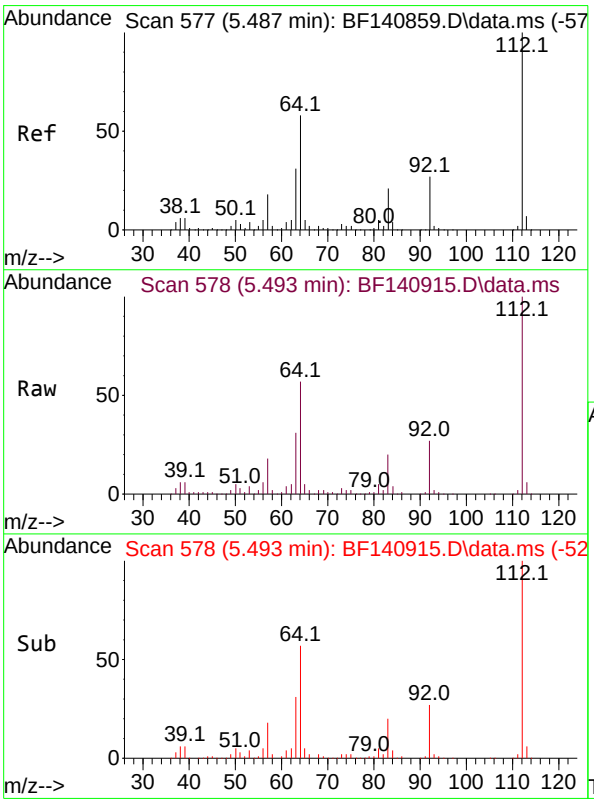
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

Tgt Ion:152 Resp: 55545

Ion	Ratio	Lower	Upper
152	100		
150	160.0	127.9	191.9
115	63.2	48.0	72.0

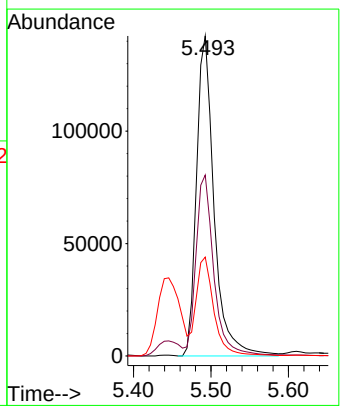


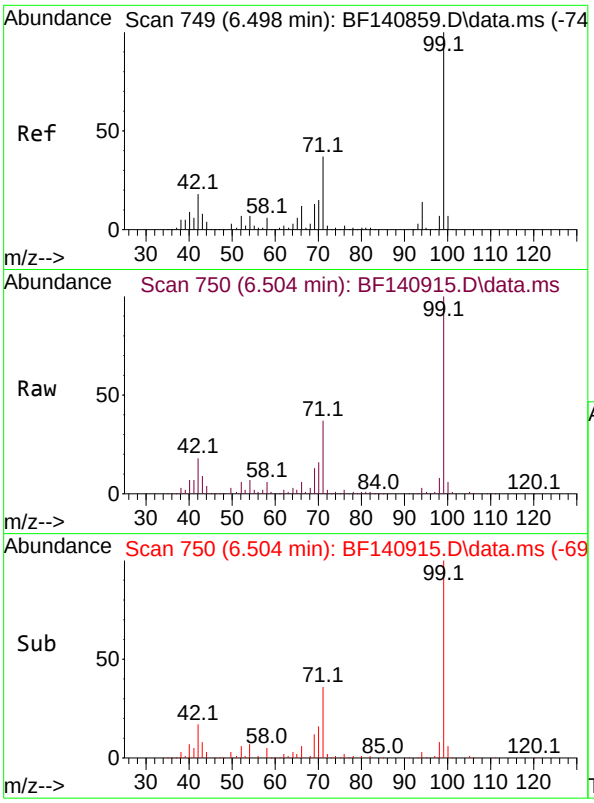


#5
2-Fluorophenol
Concen: 66.605 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion:112 Resp: 224736

Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.1	69.1
63	30.9	24.9	37.3



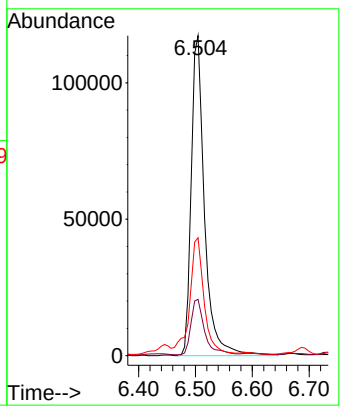


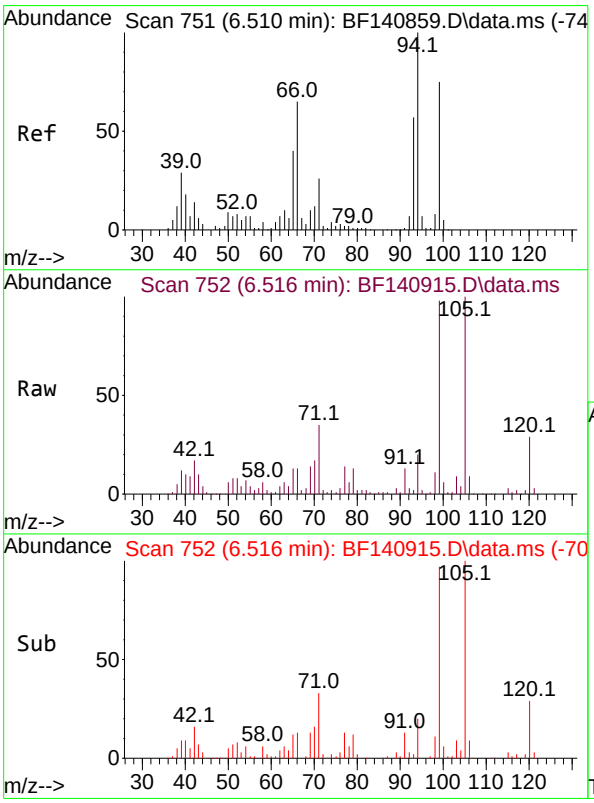
#7
Phenol-d6
Concen: 42.958 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

Tgt Ion: 99 Resp: 191985

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.3	21.5
71	36.8	29.9	44.9

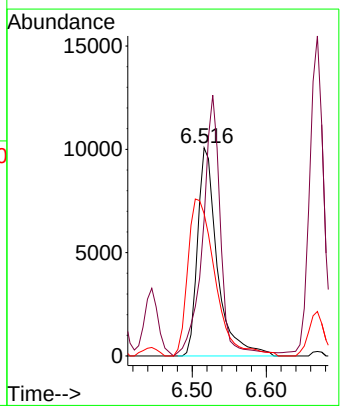


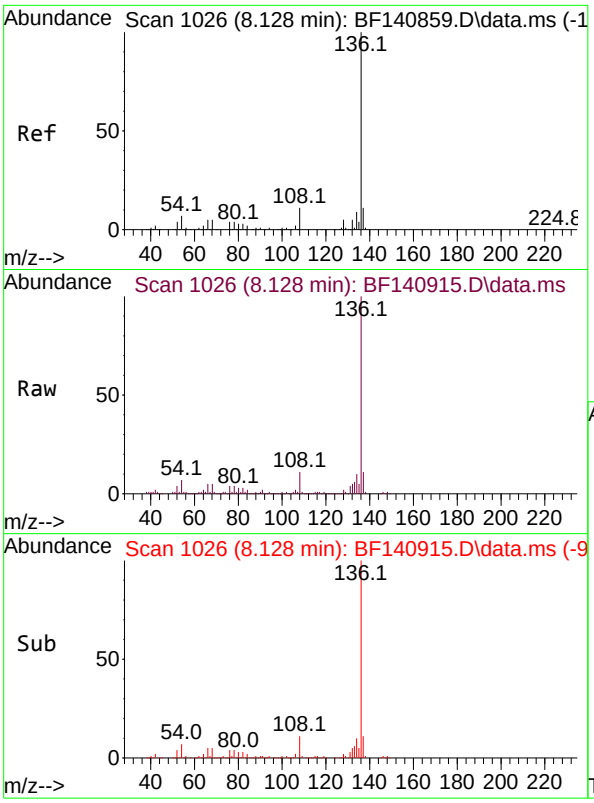


#10
Phenol
Concen: 4.021 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion: 94 Resp: 18624

Ion	Ratio	Lower	Upper
94	100		
65	65.4	19.9	59.9#
66	68.4	45.6	85.6



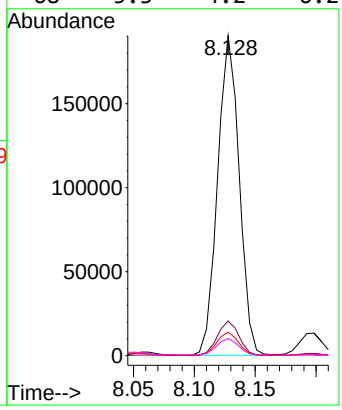


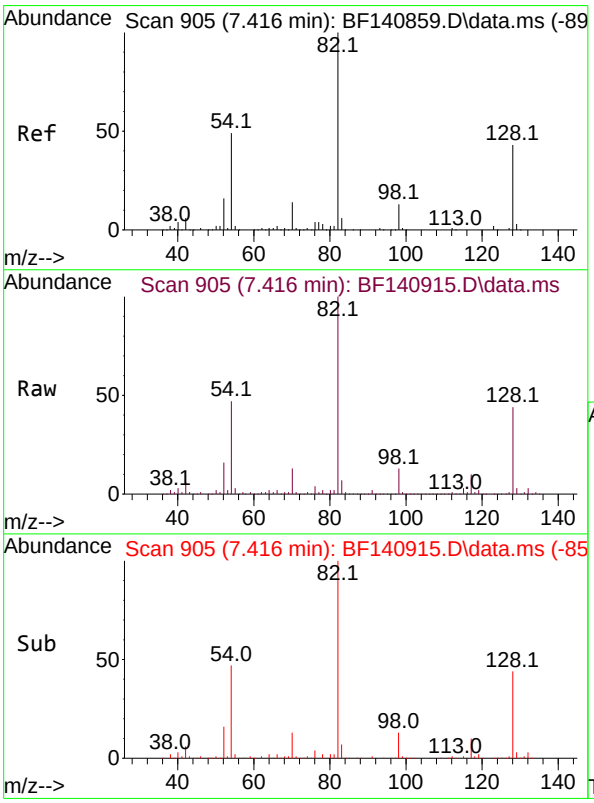
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

Tgt Ion:136 Resp: 235361

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.3	5.6	8.4
68	5.3	4.2	6.2

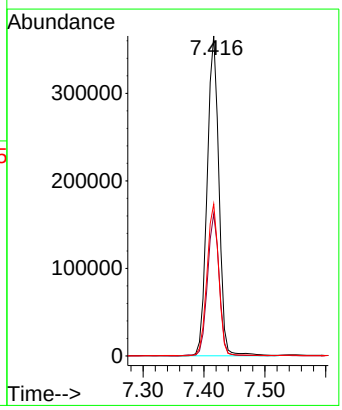


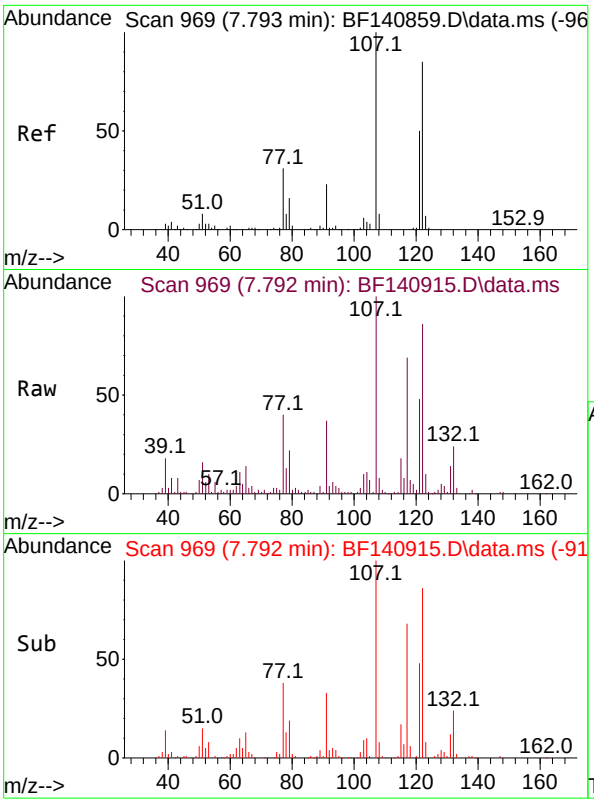


#23
Nitrobenzene-d5
Concen: 104.551 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion: 82 Resp: 491837

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.4	51.6
54	47.5	38.8	58.2



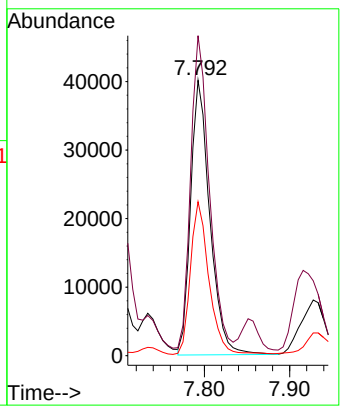


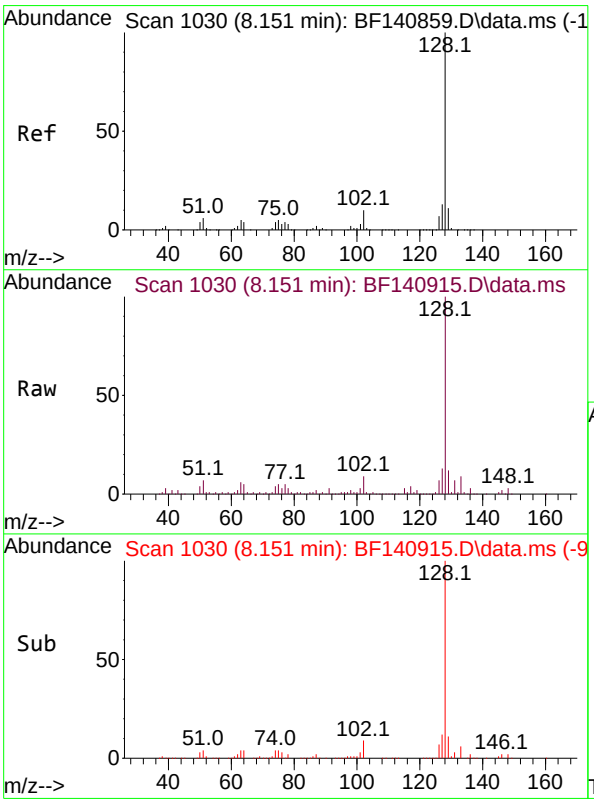
#27
2,4-Dimethylphenol
Concen: 24.196 ng
RT: 7.792 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

Tgt Ion:122 Resp: 62720

Ion	Ratio	Lower	Upper
122	100		
107	116.2	92.6	139.0
121	55.9	45.8	68.8

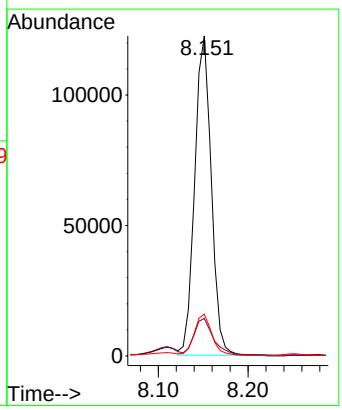


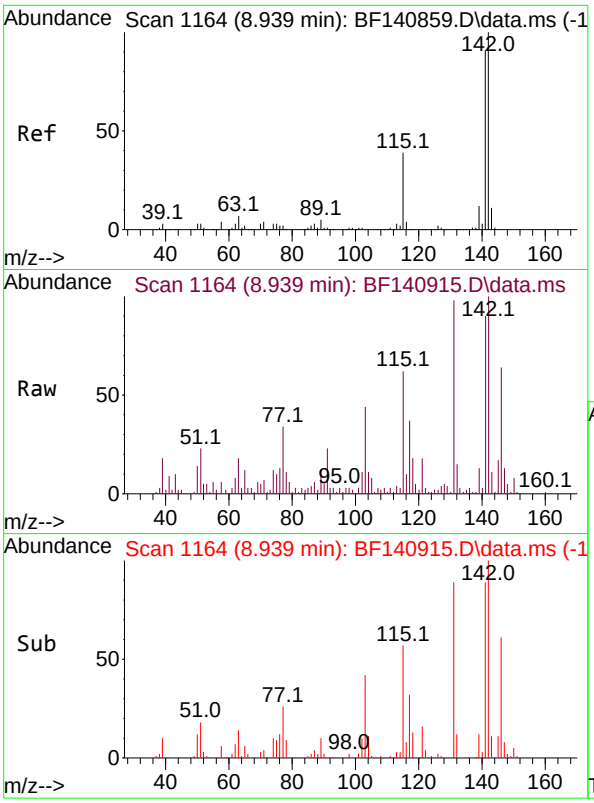


#31
Naphthalene
Concen: 12.153 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion:128 Resp: 157119

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.0	10.6	16.0



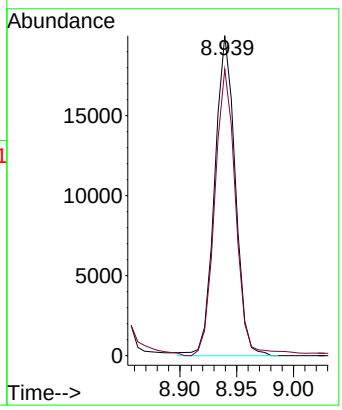


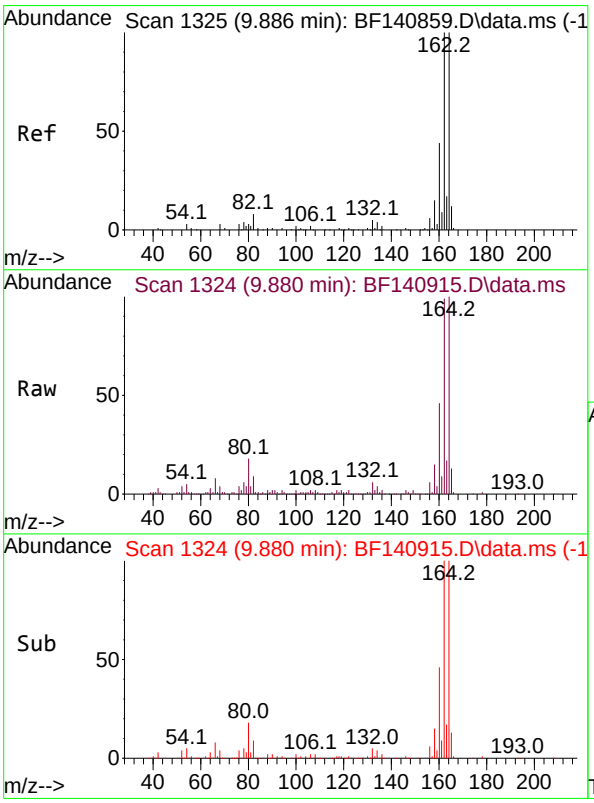
#38
1-Methylnaphthalene
Concen: 2.980 ng
RT: 8.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

Tgt Ion:142 Resp: 25204

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.4	110.0

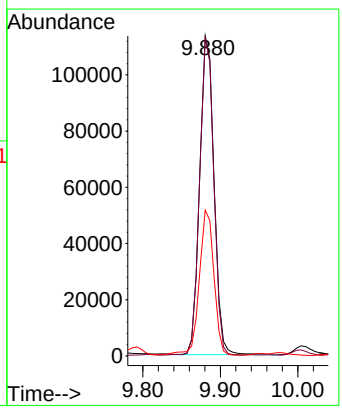


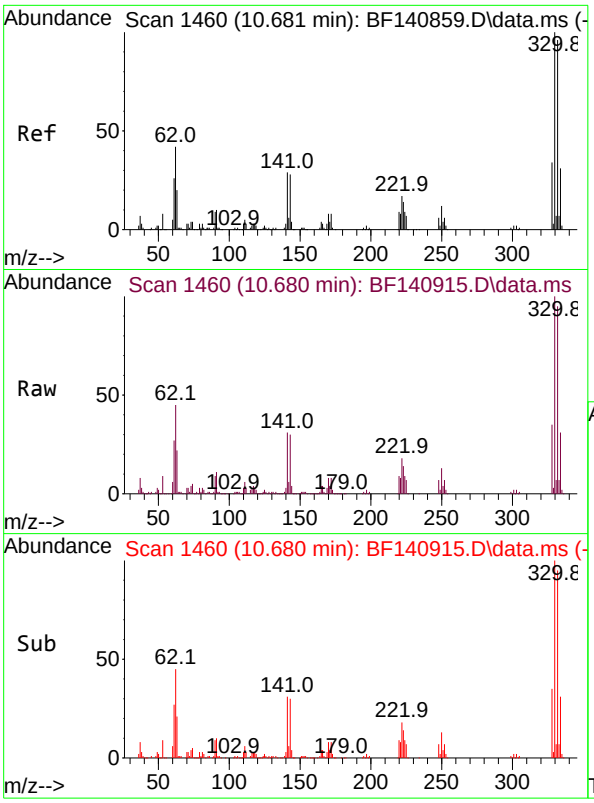


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion:164 Resp: 145926

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.9	119.9
160	45.6	35.2	52.8



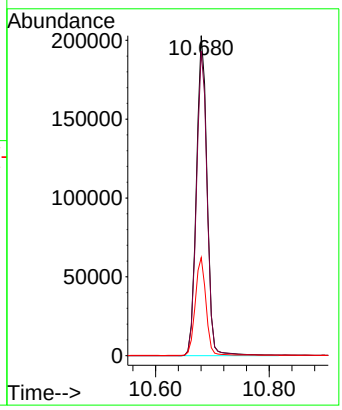


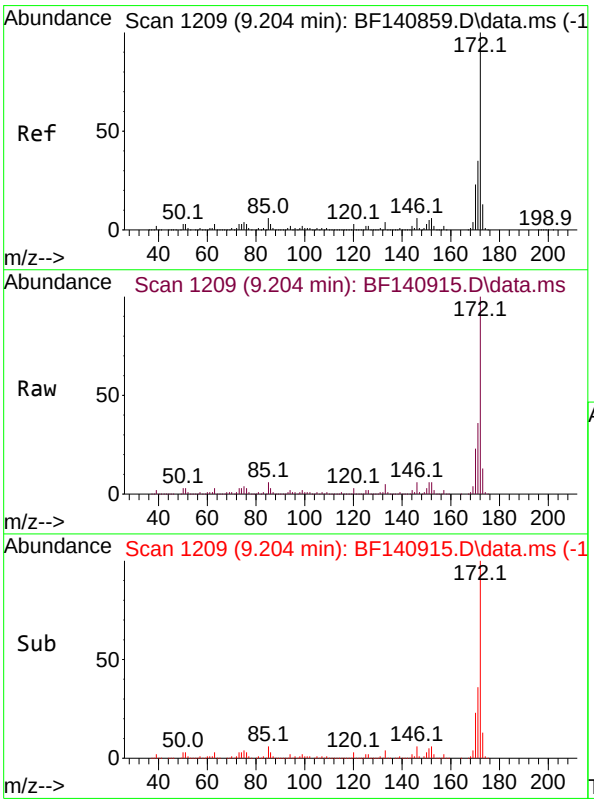
#42
2,4,6-Tribromophenol
Concen: 154.278 ng
RT: 10.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

Tgt Ion:330 Resp: 266267

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	30.7	24.9	37.3

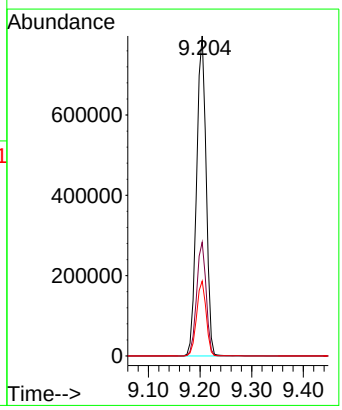


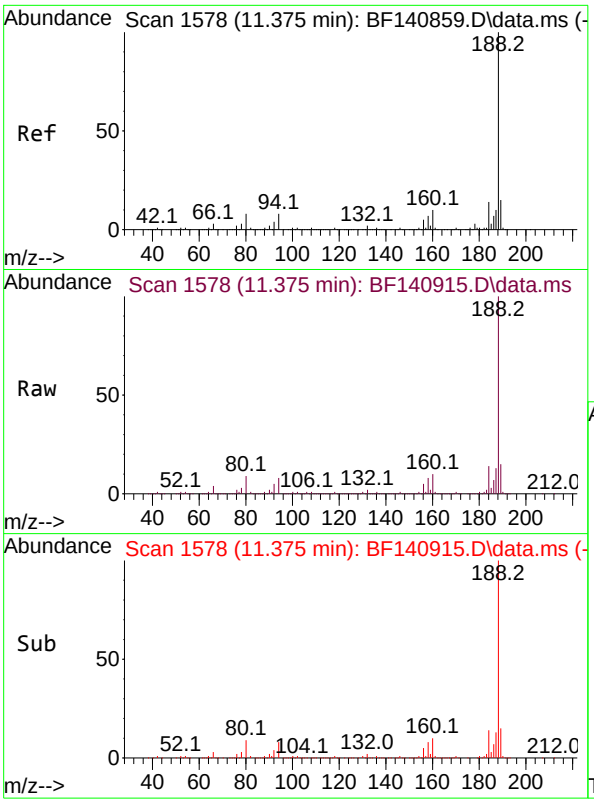


#45
2-Fluorobiphenyl
Concen: 96.830 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion:172 Resp: 1027748

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.4	42.6
170	23.4	18.6	28.0



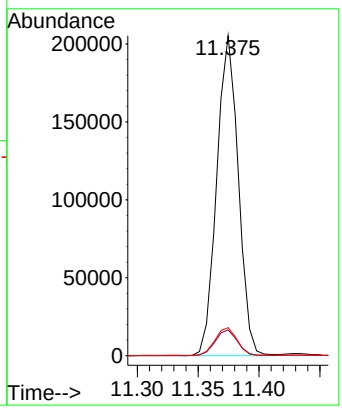


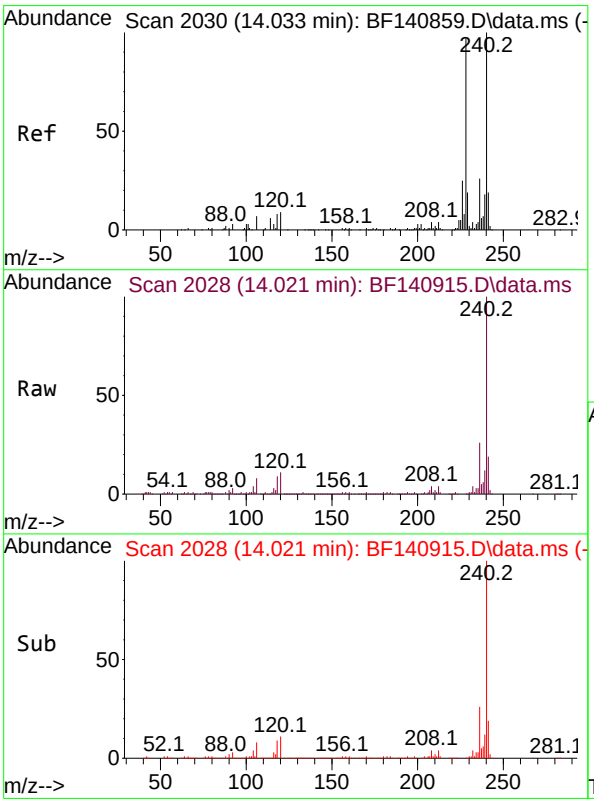
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

Tgt Ion:188 Resp: 253299

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.4	9.6
80	8.8	6.8	10.2

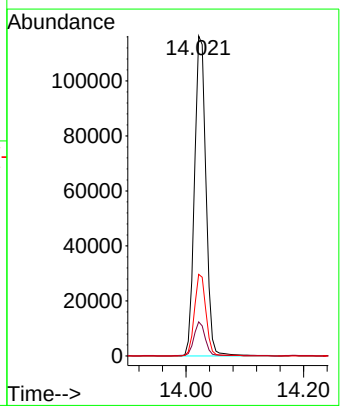


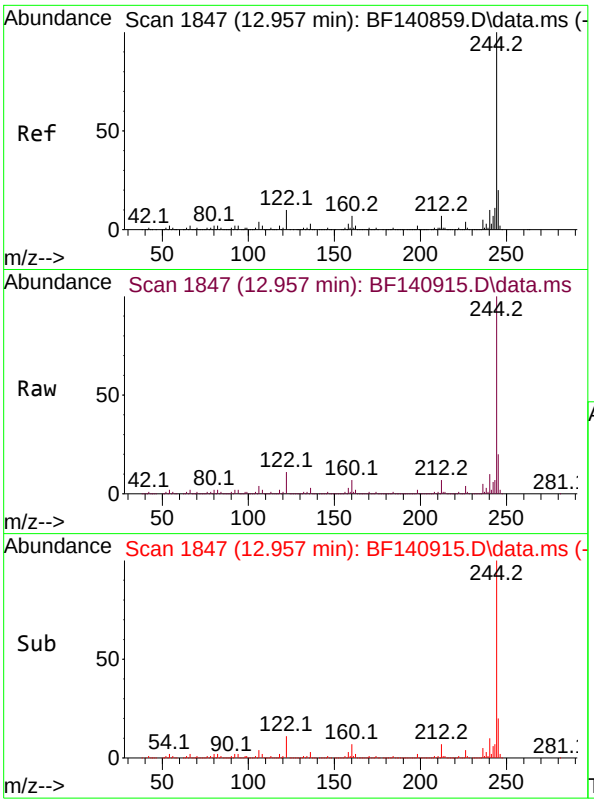


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion:240 Resp: 156863

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.6	11.4
236	25.5	20.5	30.7



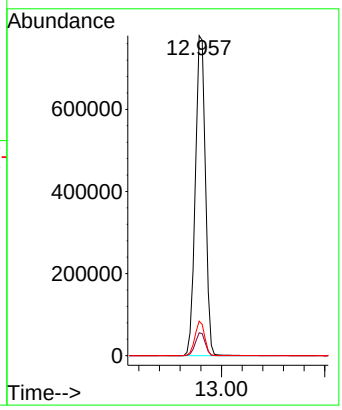


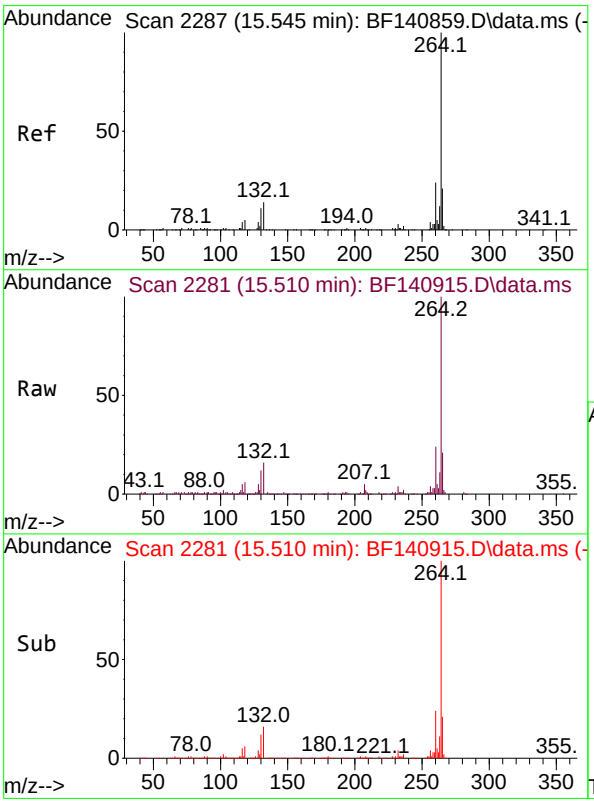
#79
Terphenyl-d14
Concen: 105.948 ng
RT: 12.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

Tgt Ion:244 Resp: 1053942

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.8	8.2	12.2

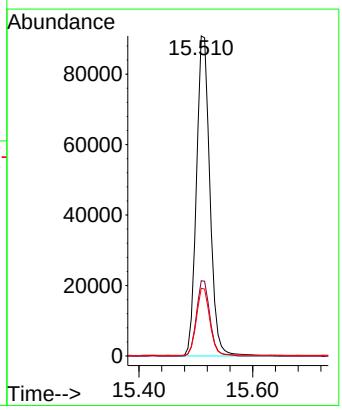




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. -0.035 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion:264 Resp: 149587

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.1	17.0	25.4



Raw Data: **BF140907.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	EQUIP-BLANK-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-11	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140907.D	1	12/17/24 08:56	12/18/24 15:54	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.3	ug/L
108-95-2	Phenol	0.96	U	0.96	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	UQ	1.20	5.20	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	5.20	ug/L
95-48-7	2-Methylphenol	1.20	UQ	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	UQ	1.40	5.20	ug/L
98-86-2	Acetophenone	1.10	UQ	1.10	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.20	UQ	1.20	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	UQ	1.50	2.60	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.20	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.20	ug/L
78-59-1	Isophorone	1.20	UQ	1.20	5.20	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.20	ug/L
105-67-9	2,4-Dimethylphenol	1.60	U	1.60	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.10	UQ	1.10	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	5.20	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.20	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.20	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.20	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	5.20	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	5.20	U	5.20	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.20	ug/L
92-52-4	1,1-Biphenyl	0.94	UQ	0.94	5.20	ug/L
91-58-7	2-Chloronaphthalene	1.00	U	1.00	5.20	ug/L
88-74-4	2-Nitroaniline	1.50	U	1.50	5.20	ug/L
131-11-3	Dimethylphthalate	0.96	UQ	0.96	5.20	ug/L

Raw Data: **BF140907.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	EQUIP-BLANK-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-11	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140907.D	1	12/17/24 08:56	12/18/24 15:54	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.10	UQ	1.10	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	1.30	U	1.30	5.20	ug/L
99-09-2	3-Nitroaniline	1.40	U	1.40	5.20	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	5.20	ug/L
51-28-5	2,4-Dinitrophenol	6.60	U	6.60	10.3	ug/L
100-02-7	4-Nitrophenol	2.10	U	2.10	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.20	ug/L
84-66-2	Diethylphthalate	1.10	U	1.10	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.00	U	1.00	5.20	ug/L
86-73-7	Fluorene	0.99	U	0.99	5.20	ug/L
100-01-6	4-Nitroaniline	2.10	U	2.10	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.20	U	3.20	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	UQ	0.92	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	UQ	0.98	5.20	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.20	ug/L
1912-24-9	Atrazine	1.30	UQ	1.30	5.20	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	5.20	ug/L
120-12-7	Anthracene	1.10	UQ	1.10	5.20	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.50	UQ	1.50	5.20	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.20	ug/L
129-00-0	Pyrene	1.10	UQ	1.10	5.20	ug/L
85-68-7	Butylbenzylphthalate	2.20	UQ	2.20	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	UQ	0.97	5.20	ug/L
218-01-9	Chrysene	0.89	U	0.89	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	UQ	1.90	5.20	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.20	ug/L

Raw Data: **BF140907.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	EQUIP-BLANK-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-11	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140907.D	1	12/17/24 08:56	12/18/24 15:54	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	UQ	1.20	5.20	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.10	UQ	1.10	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	UQ	1.20	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.20	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	64.0		10 - 139	43%	SPK: 150
13127-88-3	Phenol-d6	35.0		10 - 134	23%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.7		49 - 133	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.8		52 - 132	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		44 - 137	91%	SPK: 150
1718-51-0	Terphenyl-d14	110		48 - 125	110%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	68600	6.845			
1146-65-2	Naphthalene-d8	271000	8.128			
15067-26-2	Acenaphthene-d10	167000	9.88			
1517-22-2	Phenanthrene-d10	332000	11.374			
1719-03-5	Chrysene-d12	167000	14.027			
1520-96-3	Perylene-d12	153000	15.51			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.20	A		5.07	ug/L

Raw Data: **BF140907.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	EQUIP-BLANK-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-11	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140907.D	1	12/17/24 08:56	12/18/24 15:54	PB165682

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 (LSC Reviewed)

Sample Results: **BF140907.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140907.D
Acq On : 18 Dec 2024 15:54
Operator : RC/JU
Sample : P5291-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK-20241213

Quant Time: Dec 18 16:21:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	68564	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	271005	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	166965	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	332226	20.000	ng	0.00
76) Chrysene-d12	14.027	240	166648	20.000	ng	0.00
86) Perylene-d12	15.510	264	153161	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	266574	64.003	ng	0.00
7) Phenol-d6	6.498	99	193253	35.031	ng	0.00
23) Nitrobenzene-d5	7.416	82	501999	92.676	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	269102	136.273	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1102908	90.817	ng	0.00
79) Terphenyl-d14	12.963	244	1160788	109.837	ng	0.00

Target Compounds	Qvalue

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

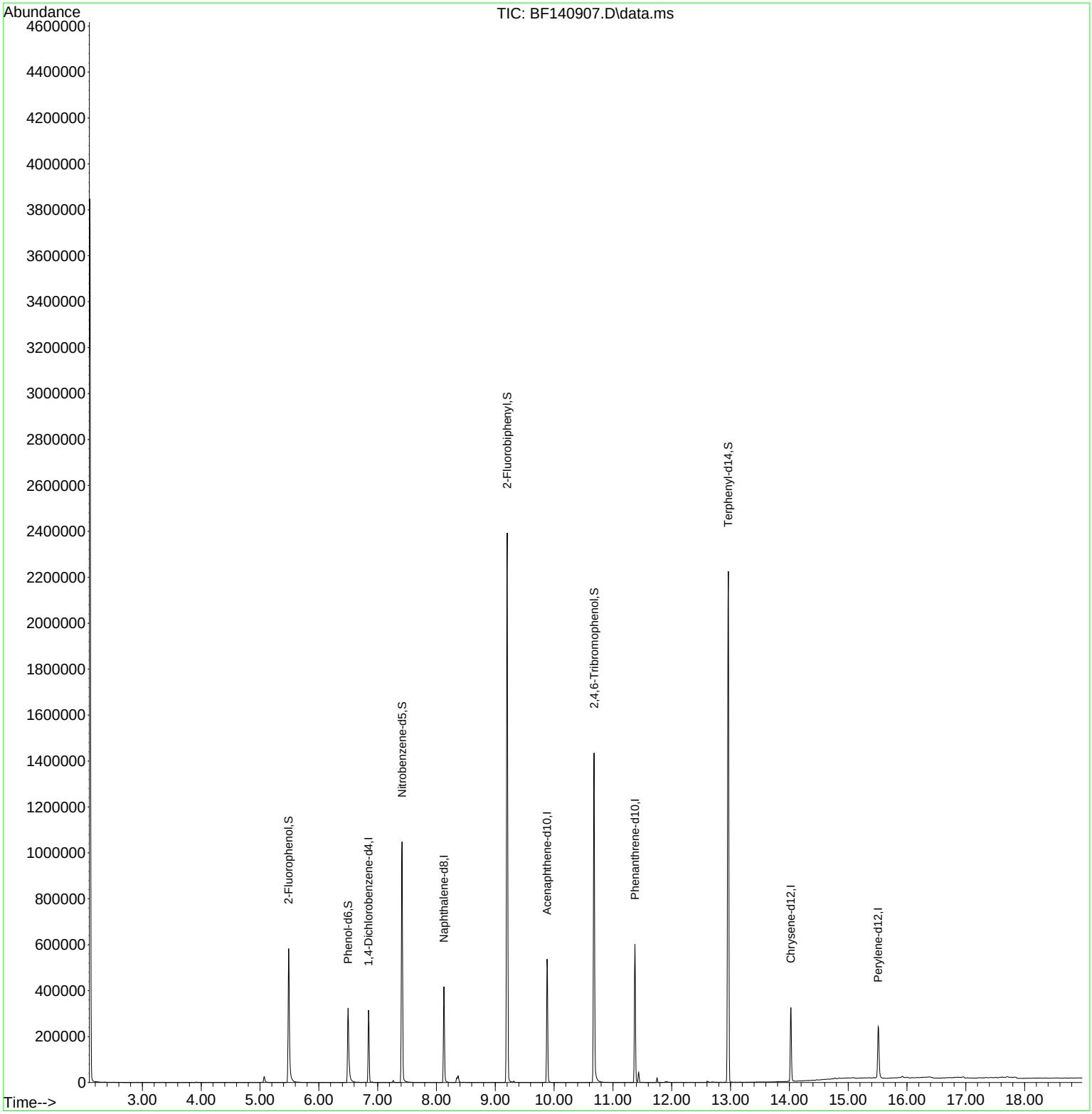
Quantitation Report (LSC Reviewed)

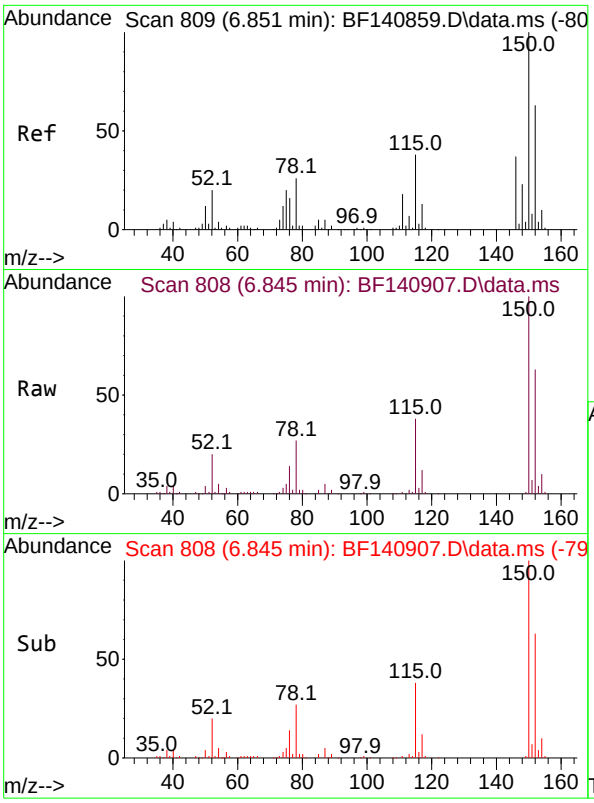
Sample Results: **BF140907.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140907.D
Acq On : 18 Dec 2024 15:54
Operator : RC/JU
Sample : P5291-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK-20241213

Quant Time: Dec 18 16:21:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



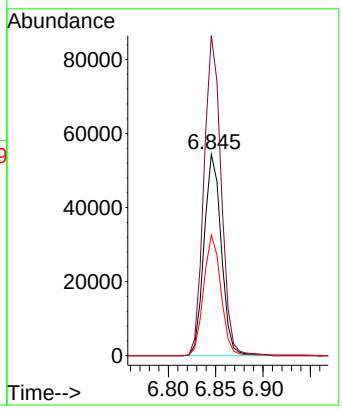


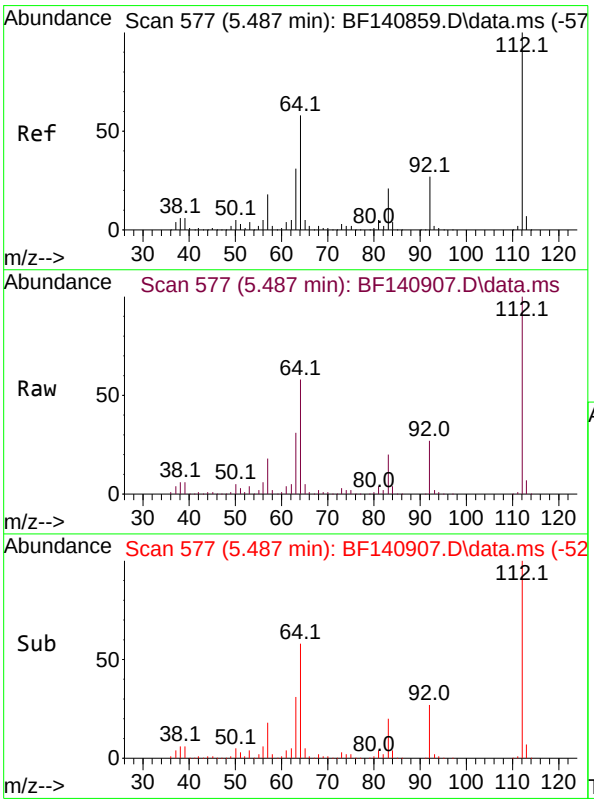
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK-20241213

Tgt Ion:152 Resp: 68564

Ion	Ratio	Lower	Upper
152	100		
150	158.8	127.9	191.9
115	59.8	48.0	72.0

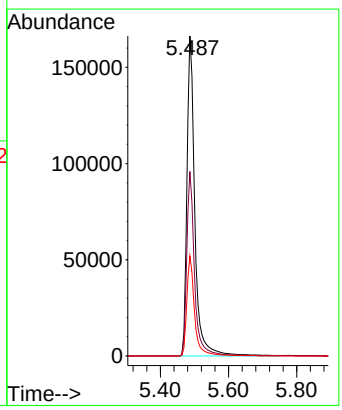


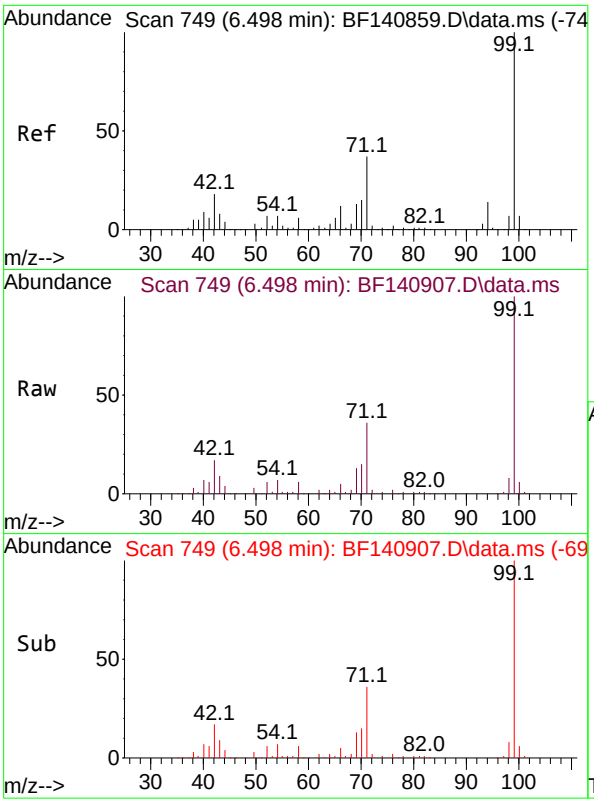


#5
2-Fluorophenol
Concen: 64.003 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Tgt Ion:112 Resp: 266574

Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.1	69.1
63	31.2	24.9	37.3



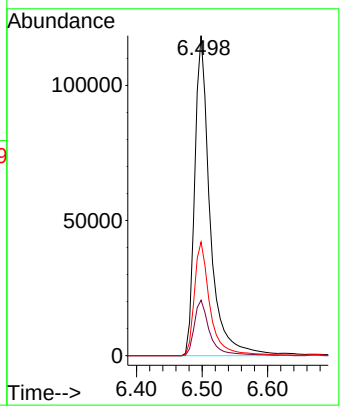


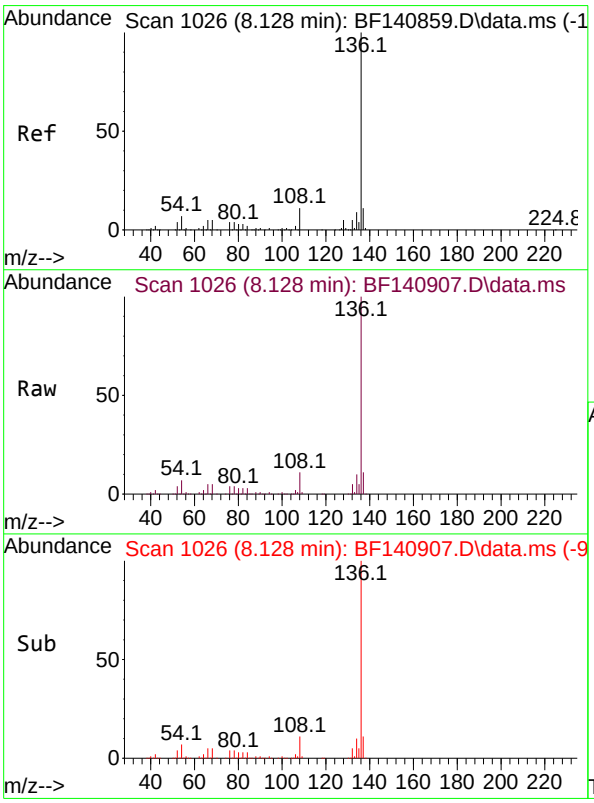
#7
Phenol-d6
Concen: 35.031 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK-20241213

Tgt Ion: 99 Resp: 193253

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.3	21.5
71	35.6	29.9	44.9

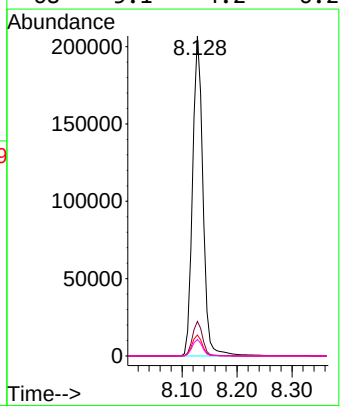


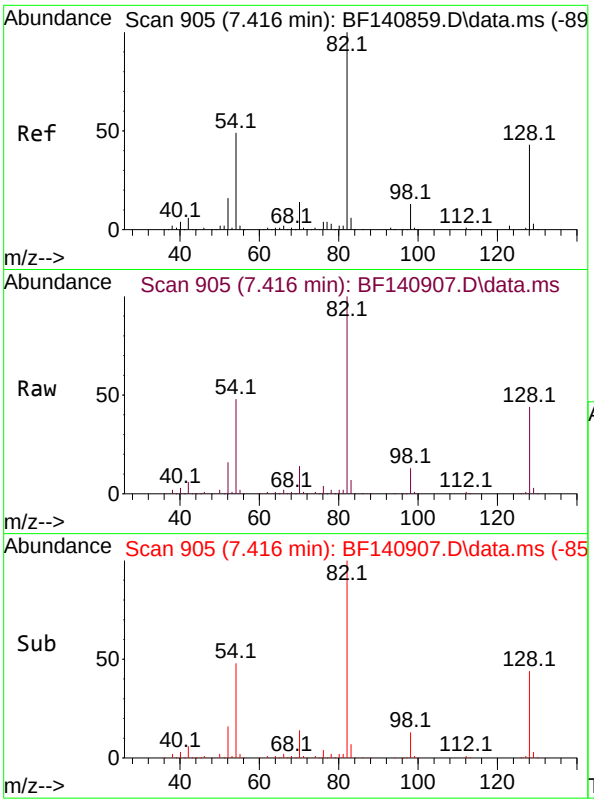


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Tgt Ion:136 Resp: 271005

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.6	5.6	8.4
68	5.1	4.2	6.2



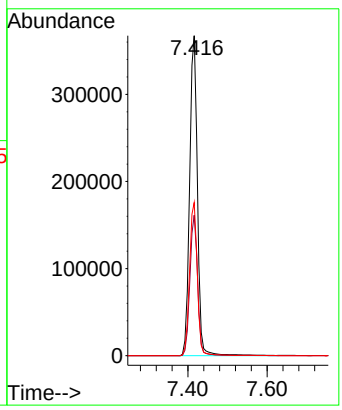


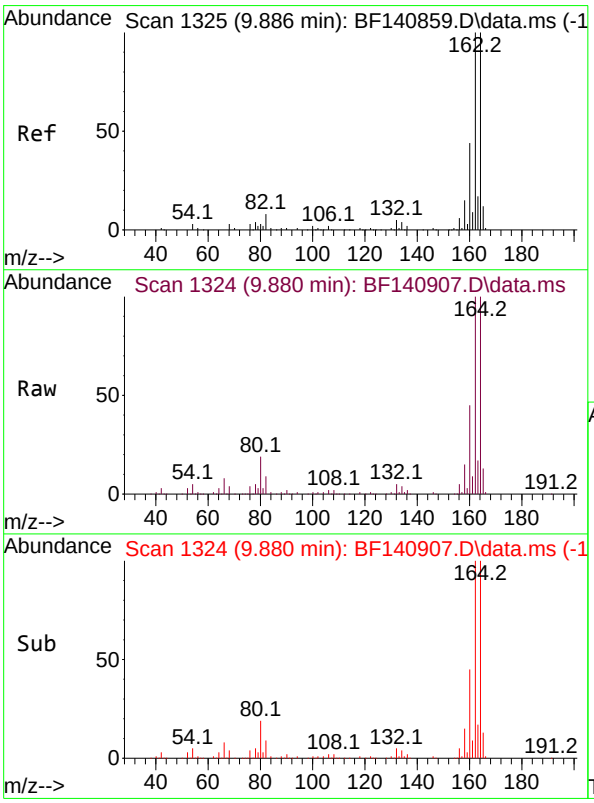
#23
Nitrobenzene-d5
Concen: 92.676 ng
RT: 7.416 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK-20241213

Tgt Ion: 82 Resp: 501999

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.4	51.6
54	47.8	38.8	58.2

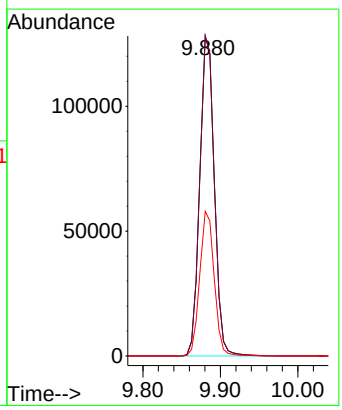


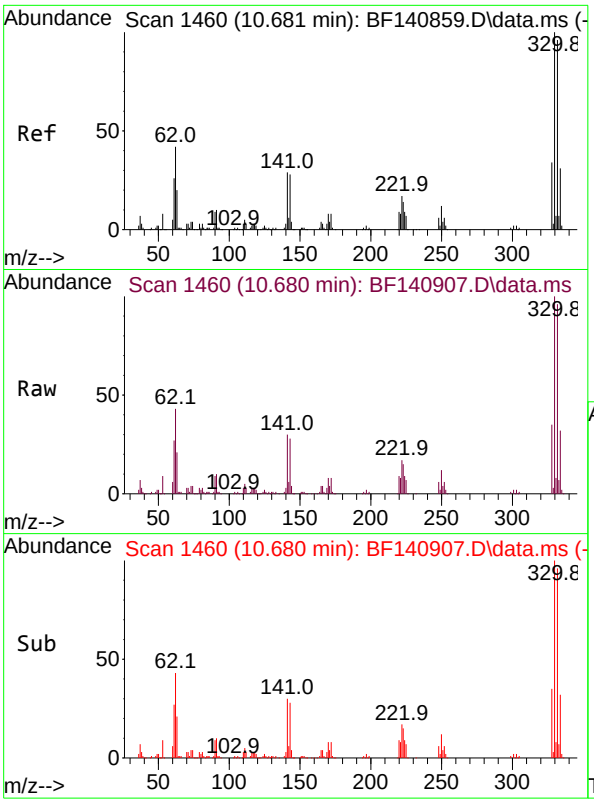


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Tgt Ion:164 Resp: 166965

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.9	119.9
160	45.2	35.2	52.8



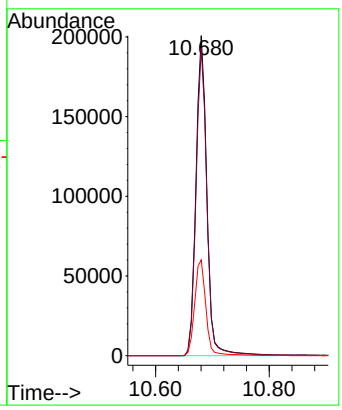


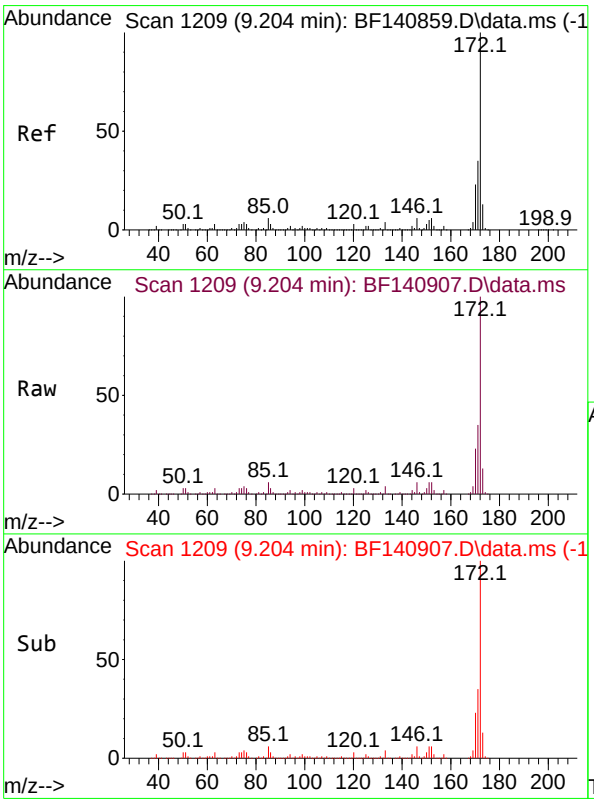
#42
2,4,6-Tribromophenol
Concen: 136.273 ng
RT: 10.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK-20241213

Tgt Ion:330 Resp: 269102

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	31.1	24.9	37.3

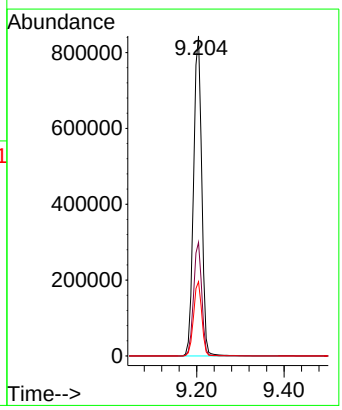


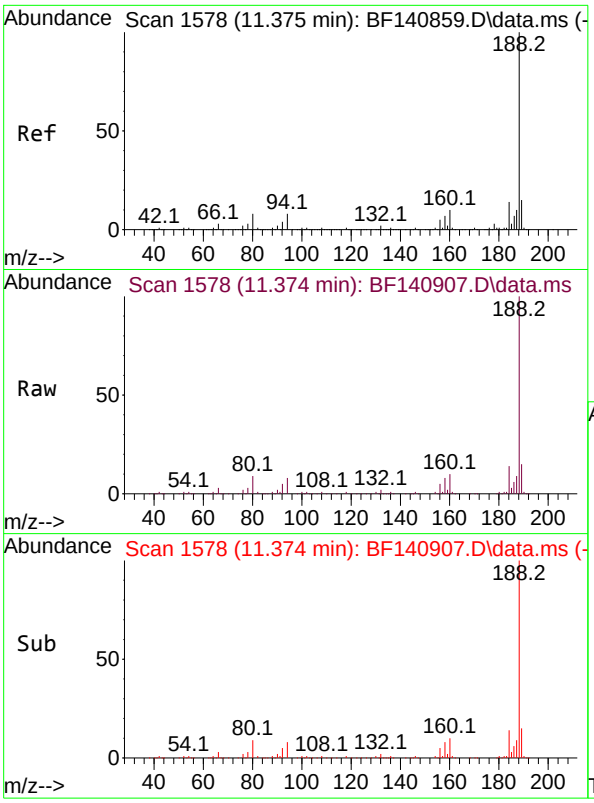


#45
2-Fluorobiphenyl
Concen: 90.817 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Tgt Ion:172 Resp: 1102908

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.2	18.6	28.0



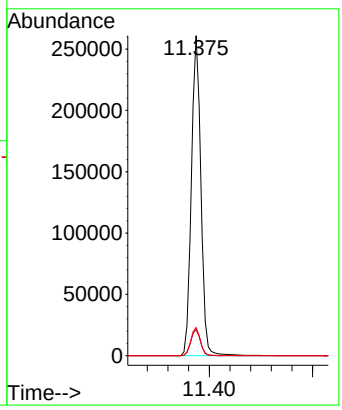


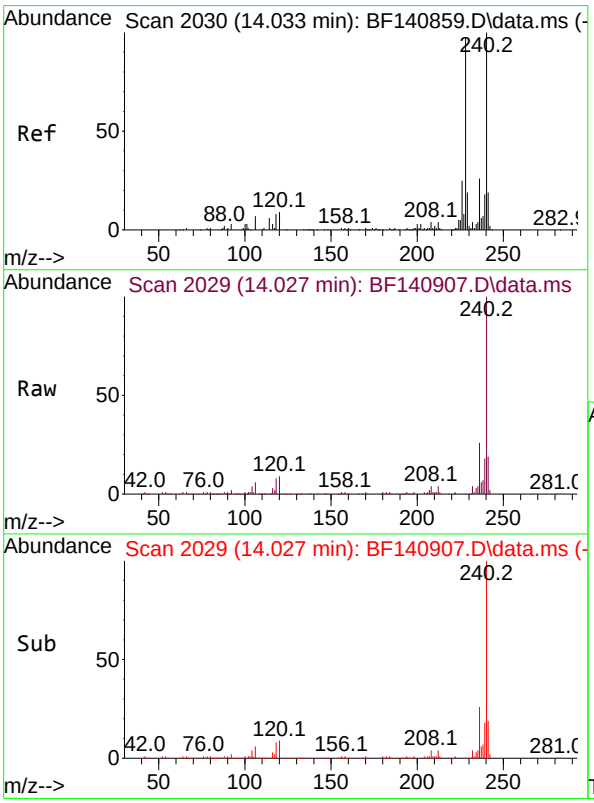
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK-20241213

Tgt Ion:188 Resp: 332226

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.4	9.6
80	8.8	6.8	10.2

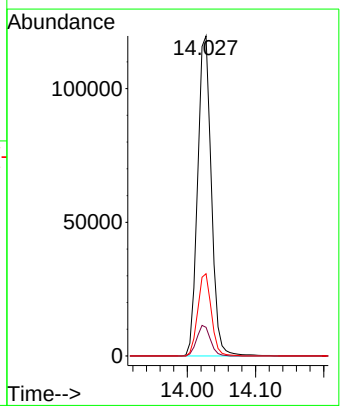


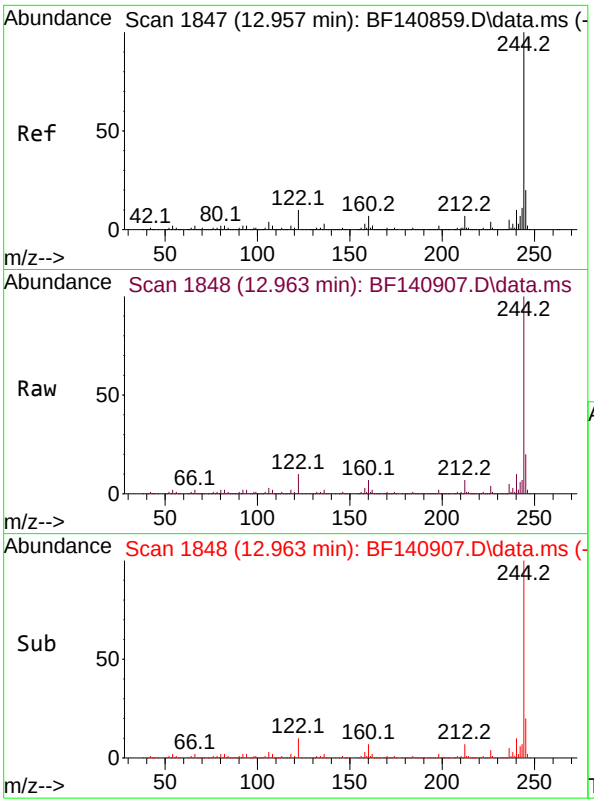


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Tgt Ion:240 Resp: 166648

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.6	11.4
236	25.7	20.5	30.7



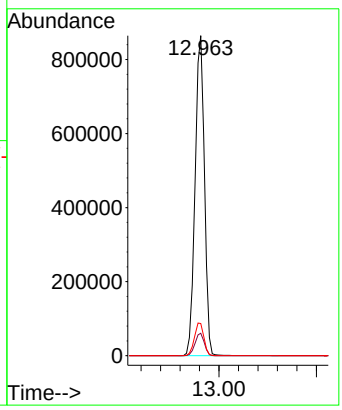


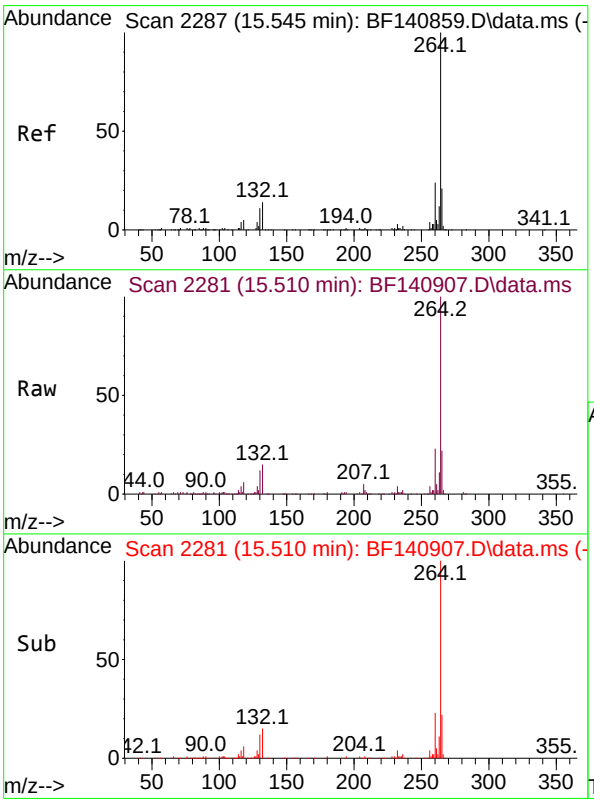
#79
Terphenyl-d14
Concen: 109.837 ng
RT: 12.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK-20241213

Tgt Ion:244 Resp: 1160788

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.1	8.2	12.2

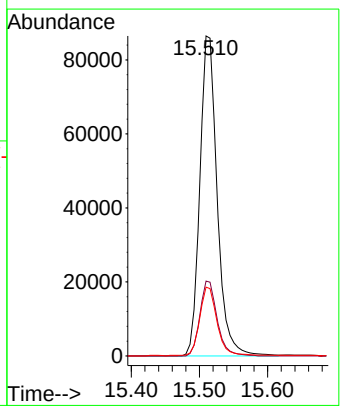




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. -0.035 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Tgt Ion:264 Resp: 153161

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.5	17.0	25.4



CALIBRATION SUMMARY

Raw Data

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: PARS02

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG No.: P5291

Instrument ID: BNA_F Calibration Date(s): 12/16/2024 12/16/2024

Calibration Time(s): 12:13 16:15

LAB FILE ID: RRF2.5 = BF140855.D RRF005 = BF140856.D RRF010 = BF140857.D
RRF020 = BF140858.D RRF040 = BF140859.D RRF050 = BF140860.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.211	1.236	1.279	1.199	1.231	1.215	4.4
Benzaldehyde		1.048	1.051	0.993	0.864	0.823	0.892	16.3
Phenol-d6		1.692	1.661	1.661	1.567	1.576	1.609	4.5
Phenol		1.756	1.690	1.733	1.630	1.643	1.668	4.4
bis(2-Chloroethyl)ether		1.277	1.242	1.281	1.227	1.237	1.244	2.9
2-Chlorophenol		1.343	1.379	1.357	1.301	1.313	1.325	3.8
2-Methylphenol		1.081	1.105	1.080	1.039	1.039	1.058	3.5
2,2-oxybis(1-Chloropropane)		1.563	1.495	1.519	1.438	1.438	1.465	4.5
Acetophenone		0.526	0.503	0.520	0.493	0.496	0.500	5.4
3+4-Methylphenols		1.503	1.491	1.440	1.355	1.360	1.403	5.8
n-Nitroso-di-n-propylamine	1.005	1.030	1.004	0.999	0.922	0.938	0.965	5.5
Nitrobenzene-d5		0.406	0.401	0.420	0.393	0.397	0.400	4.4
Hexachloroethane		0.600	0.580	0.585	0.556	0.557	0.570	3.9
Nitrobenzene		0.418	0.411	0.425	0.402	0.408	0.410	4.4
Isophorone		0.681	0.672	0.690	0.651	0.664	0.670	3.5
2-Nitrophenol		0.183	0.185	0.193	0.187	0.191	0.189	3.8
2,4-Dimethylphenol		0.221	0.220	0.225	0.220	0.219	0.220	2.6
bis(2-Chloroethoxy)methane		0.431	0.414	0.429	0.417	0.418	0.418	3.0
2,4-Dichlorophenol		0.300	0.310	0.313	0.299	0.301	0.304	3.1
Naphthalene		1.138	1.125	1.126	1.067	1.090	1.099	3.9
4-Chloroaniline		0.371	0.375	0.377	0.361	0.358	0.365	2.7
Hexachlorobutadiene		0.239	0.235	0.244	0.232	0.233	0.235	3.4
Caprolactam		0.085	0.090	0.090	0.090	0.089	0.091	3.9
4-Chloro-3-methylphenol		0.342	0.347	0.347	0.338	0.332	0.342	1.7
2-Methylnaphthalene		0.744	0.734	0.740	0.721	0.700	0.727	2.1
Hexachlorocyclopentadiene			0.091	0.120	0.142	0.163	0.153	30.1
2,4,6-Trichlorophenol		0.348	0.339	0.386	0.364	0.357	0.376	9.7
2-Fluorobiphenyl		1.560	1.410	1.538	1.369	1.345	1.455	5.8
2,4,5-Trichlorophenol		0.413	0.365	0.426	0.397	0.395	0.414	8.3
1,1-Biphenyl		1.678	1.512	1.639	1.513	1.463	1.590	6.5
2-Chloronaphthalene		1.236	1.157	1.254	1.169	1.124	1.217	6.7
2-Nitroaniline		0.350	0.346	0.372	0.358	0.341	0.367	8.1
Dimethylphthalate		1.431	1.367	1.438	1.359	1.308	1.410	5.4
Acenaphthylene		1.874	1.821	1.880	1.734	1.696	1.788	4.1

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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: PARS02

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG No.: P5291

Instrument ID: BNA_F Calibration Date(s): 12/16/2024 12/16/2024

Calibration Time(s): 12:13 16:15

LAB FILE ID: RRF2.5 = BF140855.D RRF005 = BF140856.D RRF010 = BF140857.D
RRF020 = BF140858.D RRF040 = BF140859.D RRF050 = BF140860.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.320	0.317	0.328	0.312	0.303	0.322	5.1
3-Nitroaniline		0.322	0.316	0.329	0.316	0.325	0.320	2.3
Acenaphthene		1.228	1.190	1.166	1.113	1.100	1.142	5.2
2,4-Dinitrophenol			0.088	0.108	0.134	0.145	0.132	21.6
4-Nitrophenol			0.091	0.133	0.165	0.169	0.150	21.6
Dibenzofuran		1.920	1.876	1.830	1.728	1.705	1.770	6.5
2,4-Dinitrotoluene		0.435	0.438	0.440	0.419	0.421	0.424	4.1
Diethylphthalate		1.562	1.484	1.496	1.439	1.446	1.462	4.5
4-Chlorophenyl-phenylether		0.780	0.750	0.759	0.716	0.727	0.733	4.6
Fluorene		1.573	1.522	1.492	1.444	1.429	1.460	5.3
4-Nitroaniline		0.329	0.333	0.339	0.338	0.343	0.334	2.4
4,6-Dinitro-2-methylphenol			0.099	0.109	0.117	0.118	0.113	9.0
n-Nitrosodiphenylamine		0.639	0.679	0.644	0.599	0.592	0.615	7.9
2,4,6-Tribromophenol		0.235	0.236	0.242	0.240	0.235	0.237	2.6
4-Bromophenyl-phenylether		0.225	0.248	0.236	0.220	0.214	0.224	8.0
Hexachlorobenzene		0.257	0.280	0.268	0.246	0.245	0.254	7.2
Atrazine		0.200	0.204	0.193	0.168	0.153	0.172	16.5
Pentachlorophenol			0.062	0.082	0.098	0.102	0.093	18.7
Phenanthrene		1.125	1.081	1.072	0.983	0.988	1.028	6.5
Anthracene		1.091	1.064	1.053	0.970	0.978	1.013	5.7
Carbazole		1.086	1.018	1.026	0.952	0.972	0.992	5.6
Di-n-butylphthalate		1.245	1.206	1.232	1.129	1.185	1.164	8.1
Fluoranthene		1.364	1.291	1.251	1.130	1.138	1.184	11.5
Pyrene		1.904	1.719	1.650	1.699	1.761	1.779	6.1
Terphenyl-d14		1.354	1.247	1.218	1.206	1.212	1.268	5.6
Butylbenzylphthalate		0.650	0.616	0.621	0.646	0.672	0.654	4.6
3,3-Dichlorobenzidine		0.429	0.427	0.449	0.412	0.432	0.428	4.1
Benzo(a)anthracene		1.494	1.473	1.421	1.359	1.388	1.417	3.6
Chrysene		1.361	1.284	1.364	1.271	1.254	1.289	4.4
Bis(2-ethylhexyl)phthalate		0.804	0.807	0.875	0.821	0.855	0.844	4.0
Di-n-octyl phthalate		1.267	1.170	1.348	1.223	1.341	1.277	5.2
Benzo(b)fluoranthene		1.454	1.466	1.450	1.294	1.263	1.388	6.1
Benzo(k)fluoranthene		1.318	1.250	1.223	1.224	1.142	1.191	8.6
Benzo(a)pyrene		1.099	1.084	1.134	1.073	1.056	1.087	3.1
Indeno(1,2,3-cd)pyrene		1.130	1.174	1.330	1.269	1.109	1.248	8.9

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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: PARS02

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG No.: P5291

Instrument ID: BNA_F Calibration Date(s): 12/16/2024 12/16/2024

Calibration Time(s): 12:13 16:15

LAB FILE ID: RRF2.5 = BF140855.D RRF005 = BF140856.D RRF010 = BF140857.D
RRF020 = BF140858.D RRF040 = BF140859.D RRF050 = BF140860.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.913	0.986	1.092	1.058	0.918	1.034	9.3
Benzo(g,h,i)perylene		0.961	0.972	1.094	1.073	0.944	1.052	9.5
1,2,4,5-Tetrachlorobenzene		0.622	0.573	0.641	0.580	0.576	0.615	6.9
1,4-Dioxane		0.547	0.536	0.537	0.503	0.520	0.523	3.8
2,3,4,6-Tetrachlorophenol		0.297	0.312	0.345	0.354	0.356	0.337	7.0

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-BF121624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Dec 16 16:59:50 2024
Response Via : Initial Calibration

Calibration Files
2.5 =BF140855.D 5 =BF140856.D 10 =BF140857.D 20 =BF140858.D 40 =BF140859.D 50 =BF140860.D 60 =BF140861.D 80 =BF1408
62.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane	0.547	0.536	0.537	0.503	0.520	0.527	0.492	0.523	3.76	
3)		Pyridine	1.203	1.182	1.284	1.222	1.221	1.235	1.136	1.212	3.78	
4)		n-Nitrosodimet...	0.598	0.593	0.626	0.603	0.621	0.648	0.587	0.611	3.58	
5)	S	2-Fluorophenol	1.211	1.236	1.279	1.199	1.231	1.242	1.107	1.215	4.45	
6)		Aniline	1.408	1.461	1.448	1.374	1.364	1.369	1.208	1.376	6.06	
7)	S	Phenol-d6	1.692	1.661	1.661	1.567	1.576	1.623	1.485	1.609	4.45	
8)		2-Chlorophenol	1.343	1.379	1.357	1.301	1.313	1.351	1.230	1.325	3.75	
9)		Benzaldehyde	1.048	1.051	0.993	0.864	0.823	0.800	0.663	0.892	16.27	
10)	C	Phenol	1.756	1.690	1.733	1.630	1.643	1.688	1.534	1.668	4.44	
11)		bis(2-Chloroet...	1.277	1.242	1.281	1.227	1.237	1.267	1.176	1.244	2.93	
12)		1,3-Dichlorobe...	1.584	1.540	1.557	1.469	1.495	1.530	1.394	1.510	4.21	
13)	C	1,4-Dichlorobe...	1.607	1.601	1.583	1.497	1.495	1.546	1.397	1.532	4.91	
14)		1,2-Dichlorobe...	1.521	1.495	1.509	1.436	1.403	1.434	1.322	1.446	4.86	
15)		Benzyl Alcohol	1.146	1.143	1.236	1.150	1.143	1.179	1.056	1.151	4.64	
16)		2,2'-oxybis(1-...	1.563	1.495	1.519	1.438	1.438	1.443	1.359	1.465	4.53	
17)		2-Methylphenol	1.081	1.105	1.080	1.039	1.039	1.067	0.993	1.058	3.51	
18)		Hexachloroethane	0.600	0.580	0.585	0.556	0.557	0.580	0.535	0.570	3.86	
19)	P	n-Nitroso-di-n...	1.005	1.030	1.004	0.999	0.922	0.938	0.949	0.873	0.965	5.52
20)		3+4-Methylphenols	1.503	1.491	1.440	1.355	1.360	1.396	1.273	1.403	5.82	
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone	0.526	0.503	0.520	0.493	0.496	0.518	0.446	0.500	5.41	
23)	S	Nitrobenzene-d5	0.406	0.401	0.420	0.393	0.397	0.415	0.366	0.400	4.42	
24)		Nitrobenzene	0.418	0.411	0.425	0.402	0.408	0.429	0.375	0.410	4.40	
25)		Isophorone	0.681	0.672	0.690	0.651	0.664	0.700	0.631	0.670	3.55	
26)	C	2-Nitrophenol	0.183	0.185	0.193	0.187	0.191	0.201	0.180	0.189	3.79	
27)		2,4-Dimethylph...	0.221	0.220	0.225	0.220	0.219	0.228	0.210	0.220	2.61	
28)		bis(2-Chloroet...	0.431	0.414	0.429	0.417	0.418	0.426	0.394	0.418	3.04	
29)	C	2,4-Dichloroph...	0.300	0.310	0.313	0.299	0.301	0.316	0.290	0.304	3.07	
30)		1,2,4-Trichlor...	0.360	0.354	0.357	0.341	0.342	0.362	0.325	0.349	3.77	
31)		Naphthalene	1.138	1.125	1.126	1.067	1.090	1.124	1.020	1.099	3.86	
32)		Benzoic acid		0.173	0.192	0.212	0.220	0.237	0.220	0.209	10.98	
33)		4-Chloroaniline	0.371	0.375	0.377	0.361	0.358	0.363	0.349	0.365	2.74	
34)	C	Hexachlorobuta...	0.239	0.235	0.244	0.232	0.233	0.239	0.219	0.235	3.42	
35)		Caprolactam	0.085	0.090	0.090	0.090	0.089	0.092	0.097	0.091	3.88	
36)	C	4-Chloro-3-met...	0.342	0.347	0.347	0.338	0.332	0.342	0.348	0.342	1.72	
37)		2-Methylnaphth...	0.744	0.734	0.740	0.721	0.700	0.719	0.729	0.727	2.08	
38)		1-Methylnaphth...	0.758	0.743	0.716	0.706	0.686	0.706	0.716	0.719	3.36	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF121624.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.622	0.573	0.641	0.580	0.576	0.622	0.689	0.615	6.88
41)	P	Hexachlorocycl...		0.091	0.120	0.142	0.163	0.183	0.221	0.153	30.05
42)	S	2,4,6-Tribromo...	0.235	0.236	0.242	0.240	0.235	0.243	0.225	0.237	2.56
43)	C	2,4,6-Trichlor...	0.348	0.339	0.386	0.364	0.357	0.395	0.446	0.376	9.68
44)		2,4,5-Trichlor...	0.413	0.365	0.426	0.397	0.395	0.426	0.475	0.414	8.28
45)	S	2-Fluorobiphenyl	1.560	1.410	1.538	1.369	1.345	1.445	1.517	1.455	5.85
46)		1,1'-Biphenyl	1.678	1.512	1.639	1.513	1.463	1.575	1.752	1.590	6.54
47)		2-Chloronaphth...	1.236	1.157	1.254	1.169	1.124	1.206	1.370	1.217	6.69
48)		2-Nitroaniline	0.350	0.346	0.372	0.358	0.341	0.378	0.428	0.367	8.14
49)		Acenaphthylene	1.874	1.821	1.880	1.734	1.696	1.783	1.727	1.788	4.09
50)		Dimethylphthalate	1.431	1.367	1.438	1.359	1.308	1.417	1.549	1.410	5.45
51)		2,6-Dinitrotol...	0.320	0.317	0.328	0.312	0.303	0.321	0.355	0.322	5.06
52)	C	Acenaphthene	1.228	1.190	1.166	1.113	1.100	1.148	1.049	1.142	5.25
53)		3-Nitroaniline	0.322	0.316	0.328	0.316	0.325	0.325	0.307	0.320	2.29
54)	P	2,4-Dinitrophenol		0.088	0.108	0.134	0.145	0.160	0.157	0.132	21.60
55)		Dibenzofuran	1.920	1.876	1.830	1.728	1.705	1.746	1.583	1.770	6.48
56)	P	4-Nitrophenol		0.091	0.133	0.165	0.169	0.176	0.167	0.150	21.61
57)		2,4-Dinitrotol...	0.435	0.438	0.440	0.419	0.421	0.426	0.389	0.424	4.12
58)		Fluorene	1.573	1.522	1.492	1.444	1.429	1.425	1.335	1.460	5.29
59)		2,3,4,6-Tetrac...	0.297	0.312	0.345	0.354	0.356	0.356	0.341	0.337	6.99
60)		Diethylphthalate	1.562	1.484	1.496	1.439	1.446	1.461	1.346	1.462	4.48
61)		4-Chlorophenyl...	0.780	0.750	0.759	0.716	0.727	0.728	0.674	0.733	4.62
62)		4-Nitroaniline	0.329	0.333	0.339	0.338	0.343	0.339	0.320	0.334	2.37
63)		Azobenzene	1.482	1.411	1.394	1.368	1.358	1.334	1.273	1.375	4.74
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.099	0.109	0.117	0.118	0.129	0.109	0.113	8.96
66)	c	n-Nitrosodiphe...	0.639	0.679	0.644	0.599	0.592	0.626	0.527	0.615	7.90
67)		4-Bromophenyl-...	0.225	0.248	0.236	0.220	0.214	0.231	0.192	0.224	7.97
68)		Hexachlorobenzene	0.257	0.280	0.268	0.246	0.245	0.258	0.223	0.254	7.24
69)		Atrazine	0.200	0.204	0.193	0.168	0.153	0.157	0.127	0.172	16.48
70)	C	Pentachlorophenol		0.062	0.082	0.098	0.102	0.106	0.106	0.093	18.65
71)		Phenanthrene	1.125	1.081	1.072	0.983	0.988	1.013	0.937	1.028	6.45
72)		Anthracene	1.091	1.064	1.053	0.970	0.978	1.000	0.934	1.013	5.66
73)		Carbazole	1.086	1.018	1.026	0.952	0.972	0.970	0.920	0.992	5.58
74)		Di-n-butylphth...	1.245	1.206	1.232	1.129	1.185	1.186	0.968	1.164	8.12
75)	C	Fluoranthene	1.364	1.291	1.251	1.130	1.138	1.175	0.943	1.184	11.51
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.319	0.401	0.404	0.493	0.454	0.378	0.408	14.76
78)		Pyrene	1.904	1.719	1.650	1.699	1.761	1.769	1.948	1.779	6.12
79)	S	Terphenyl-d14	1.354	1.247	1.218	1.206	1.212	1.260	1.381	1.268	5.58
80)		Butylbenzylpht...	0.650	0.616	0.621	0.646	0.672	0.681	0.696	0.654	4.59
81)		Benzo(a)anthra...	1.494	1.473	1.421	1.359	1.388	1.418	1.369	1.417	3.60
82)		3,3'-Dichlorob...	0.429	0.427	0.449	0.412	0.432	0.446	0.399	0.428	4.14
83)		Chrysene	1.361	1.284	1.364	1.271	1.254	1.283	1.206	1.289	4.40
84)		Bis(2-ethylhex...	0.804	0.807	0.875	0.821	0.855	0.890	0.855	0.844	3.99
85)	c	Di-n-octyl pht...	1.267	1.170	1.348	1.223	1.341	1.324	1.263	1.277	5.17

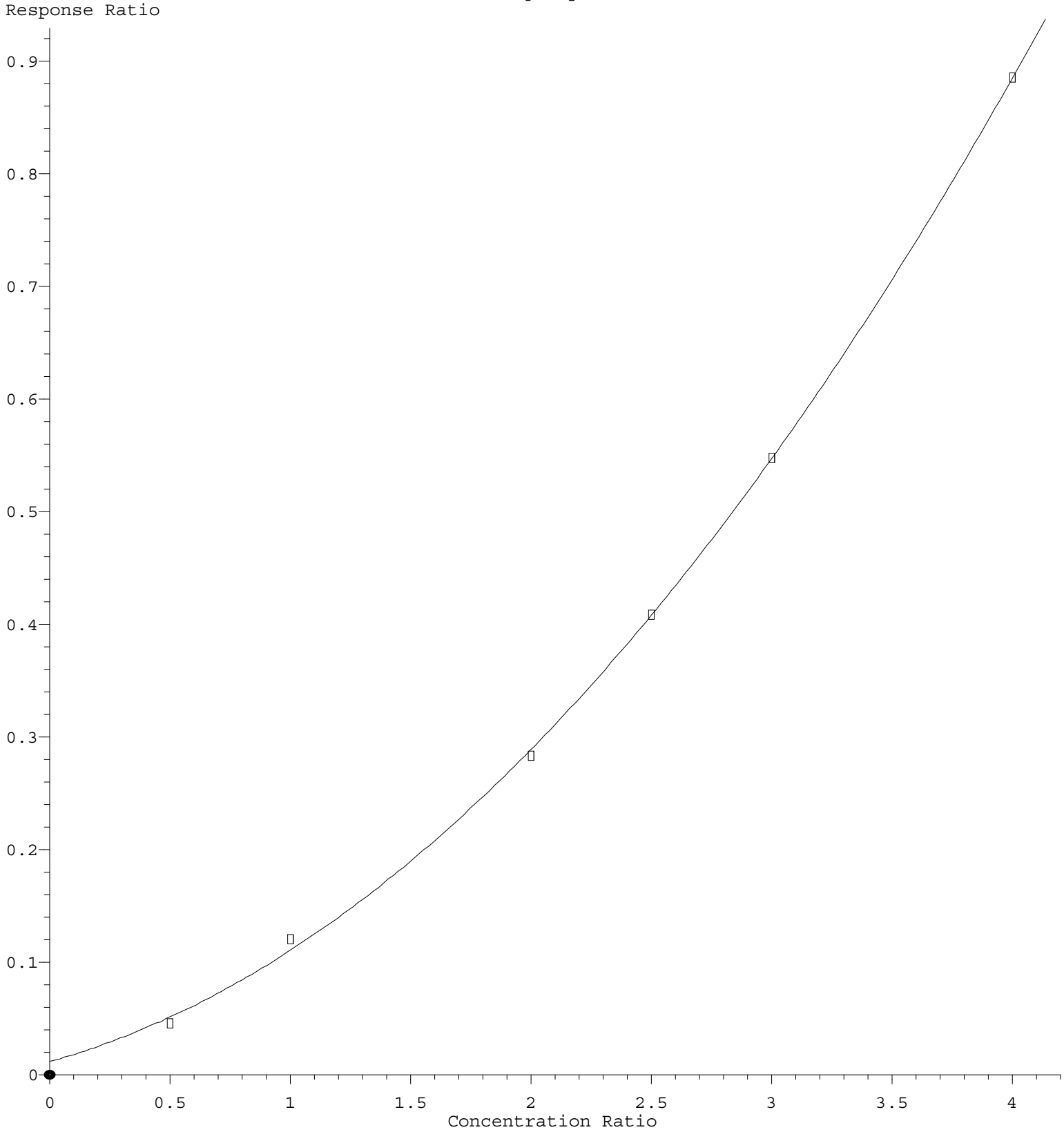
Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF121624.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.130	1.174	1.330	1.269	1.109	1.330	1.395	1.248	8.90
88)		Benzo(b)fluora...	1.454	1.466	1.450	1.294	1.263	1.442	1.349	1.388	6.11
89)		Benzo(k)fluora...	1.318	1.250	1.223	1.224	1.142	1.182	0.996	1.191	8.57
90)	C	Benzo(a)pyrene	1.099	1.084	1.134	1.073	1.056	1.122	1.042	1.087	3.10
91)		Dibenzo(a,h)an...	0.913	0.986	1.092	1.058	0.918	1.116	1.154	1.034	9.30
92)		Benzo(g,h,i)pe...	0.961	0.972	1.094	1.073	0.944	1.098	1.225	1.052	9.53

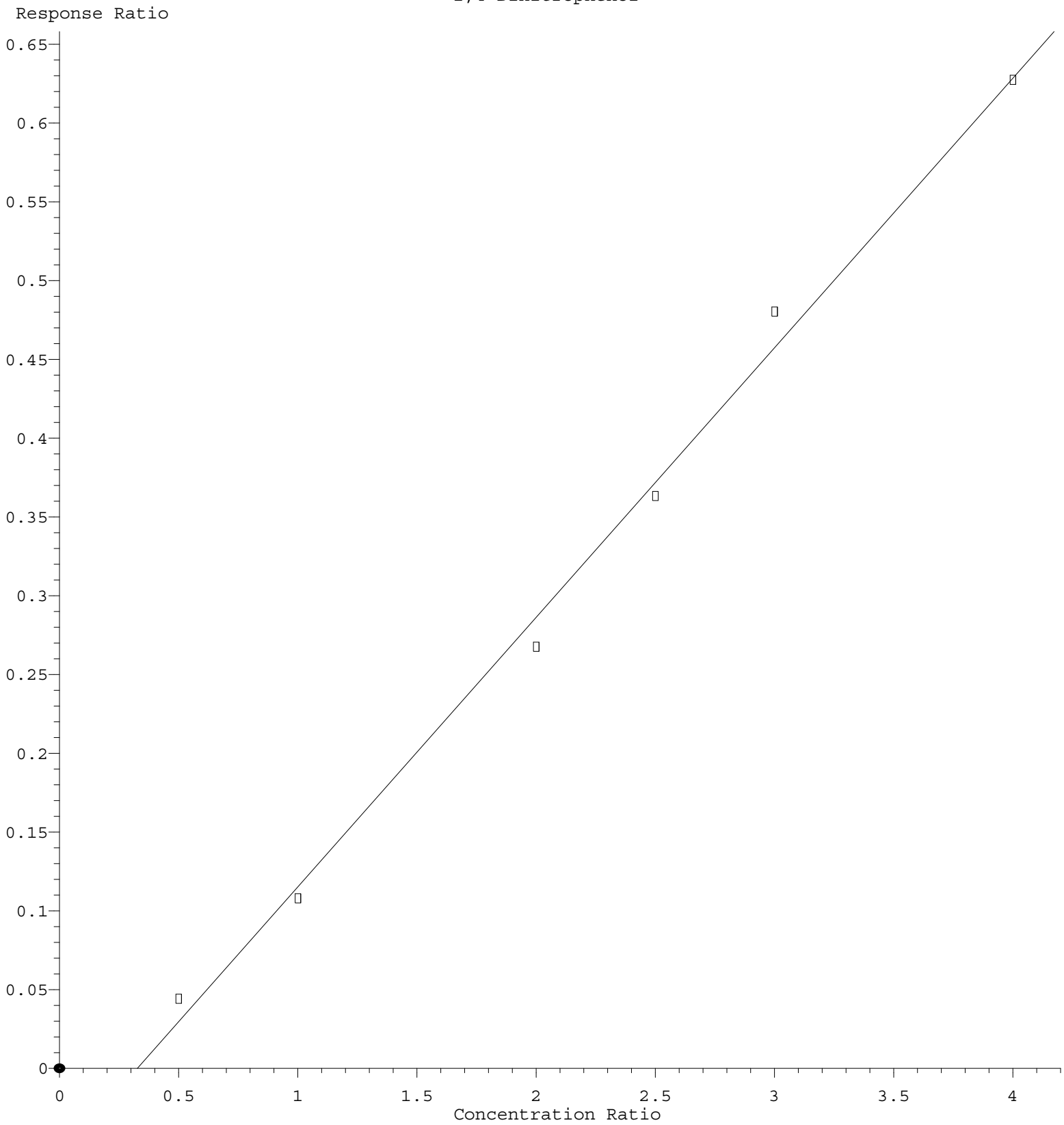
(#) = Out of Range

Hexachlorocyclopentadiene

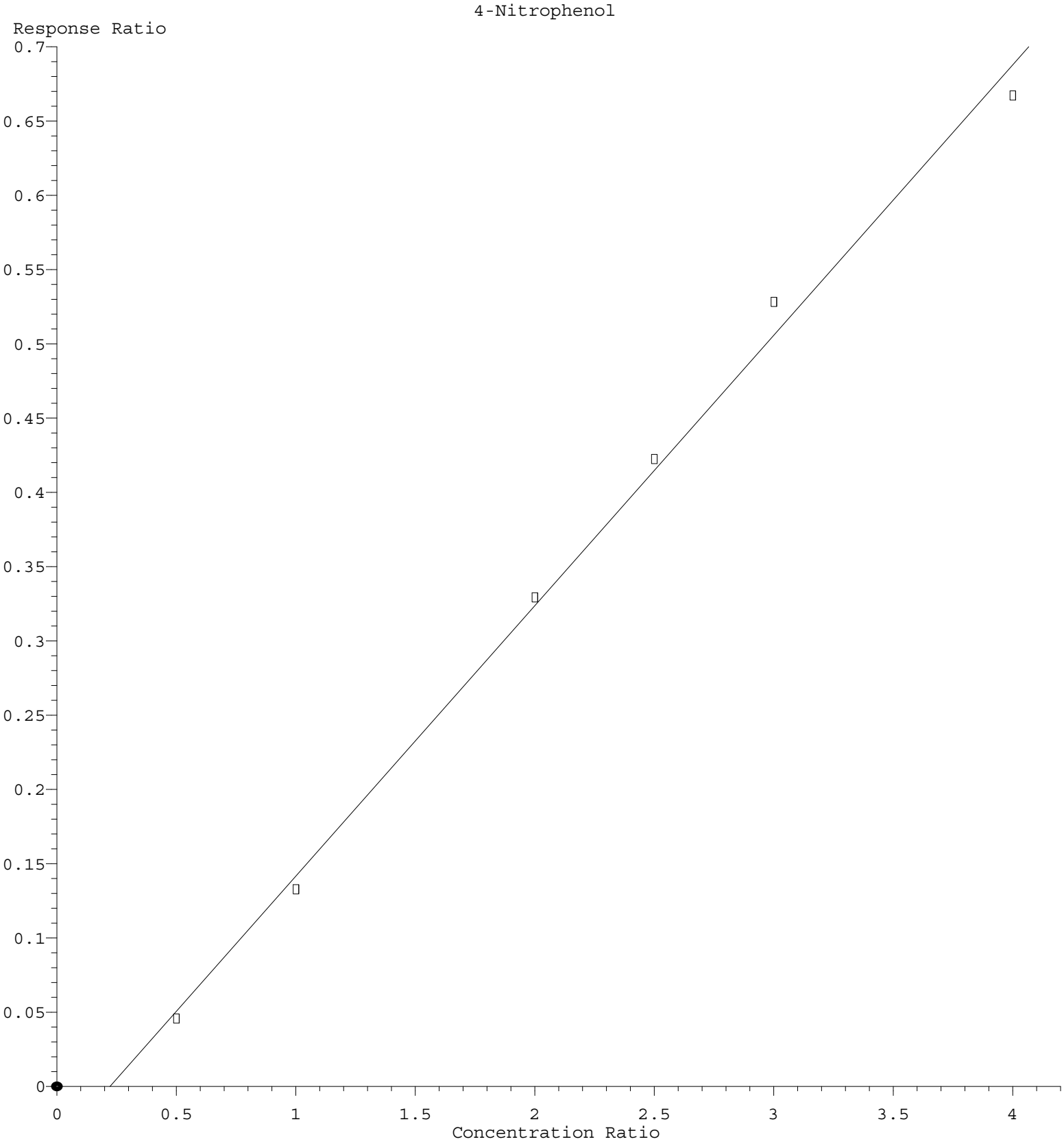


R = 3.984e-002 A*A + 5.892e-002 A + 1.177e-002
Coef of Det (r^2) = 0.999663 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF121624.M
Calibration Table Last Updated: Mon Dec 16 16:59:50 2024

2,4-Dinitrophenol



Response = 1.713e-001 * Amt - 5.602e-002
Coef of Det (r^2) = 0.995067 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF121624.M
Calibration Table Last Updated: Mon Dec 16 16:59:50 2024



Response = 1.822e-001 * Amt - 4.046e-002
Coef of Det (r^2) = 0.995956 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF121624.M
Calibration Table Last Updated: Mon Dec 16 16:59:50 2024

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140855.D
Acq On : 16 Dec 2024 12:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Dec 16 16:45:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	74199	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	283096	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	161044	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	317916	20.000	ng	0.00
76) Chrysene-d12	14.021	240	234189	20.000	ng	-0.01
86) Perylene-d12	15.521	264	191083	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.251	70	9325	2.604	ng	97

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

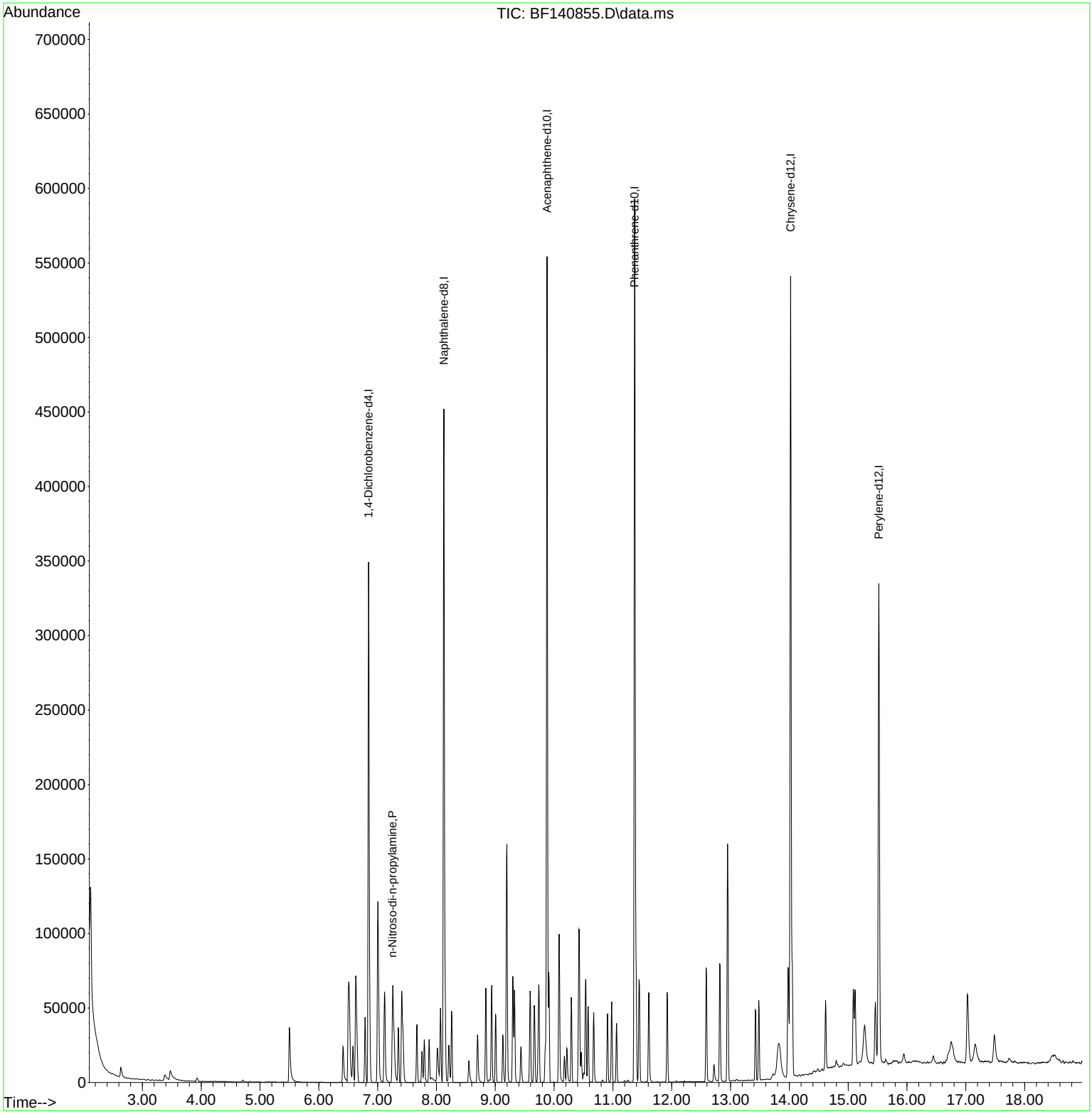
Quantitation Report (QT Reviewed)

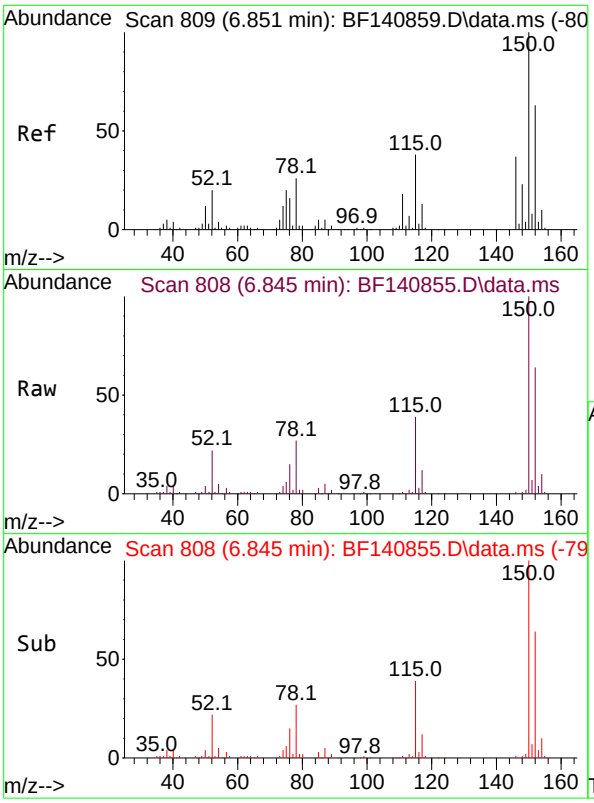
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140855.D
Acq On : 16 Dec 2024 12:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Dec 16 16:45:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



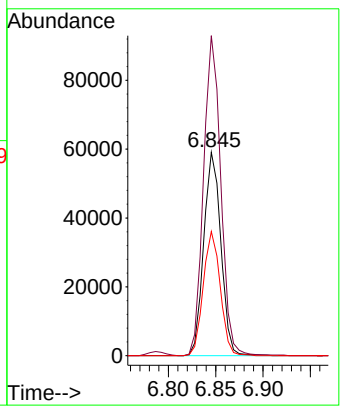


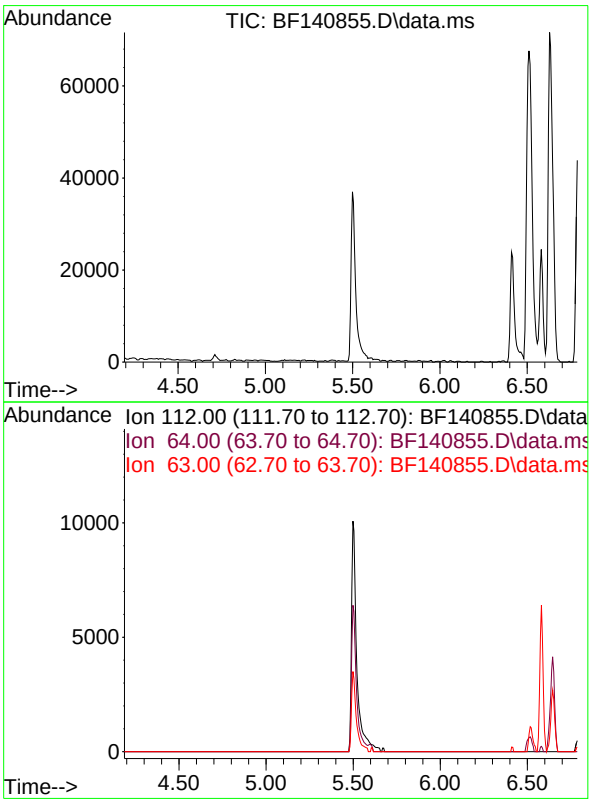
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 74199

Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.9	191.9
115	61.0	48.0	72.0



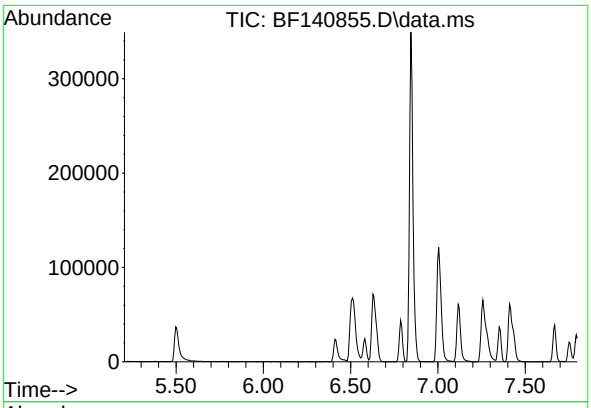


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	57.6
63	31.1



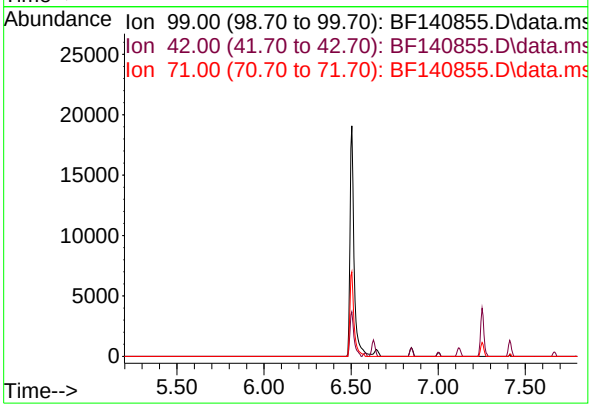
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.50 min

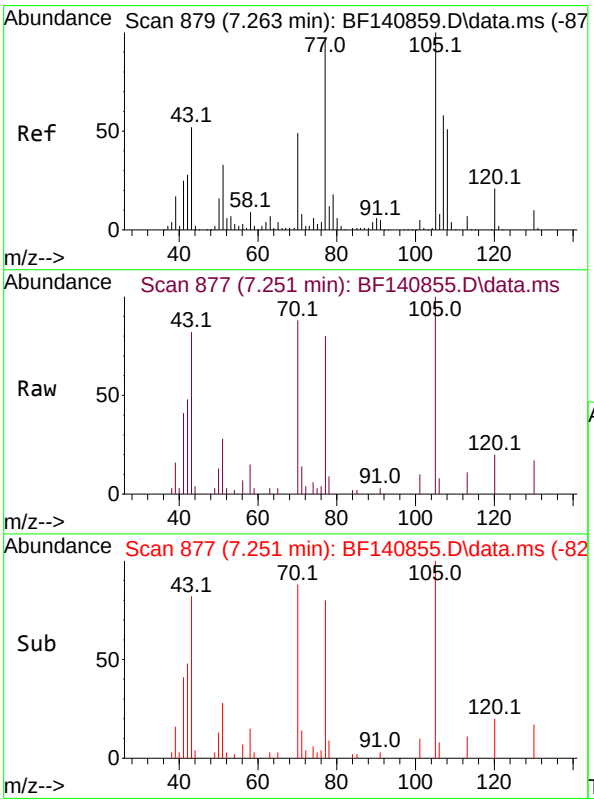
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	17.9
71	37.4

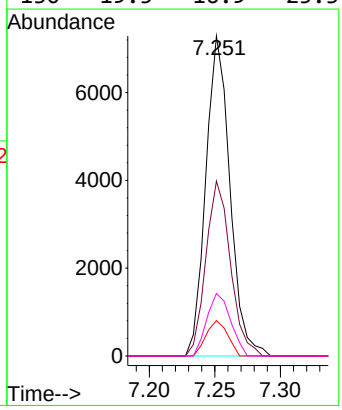


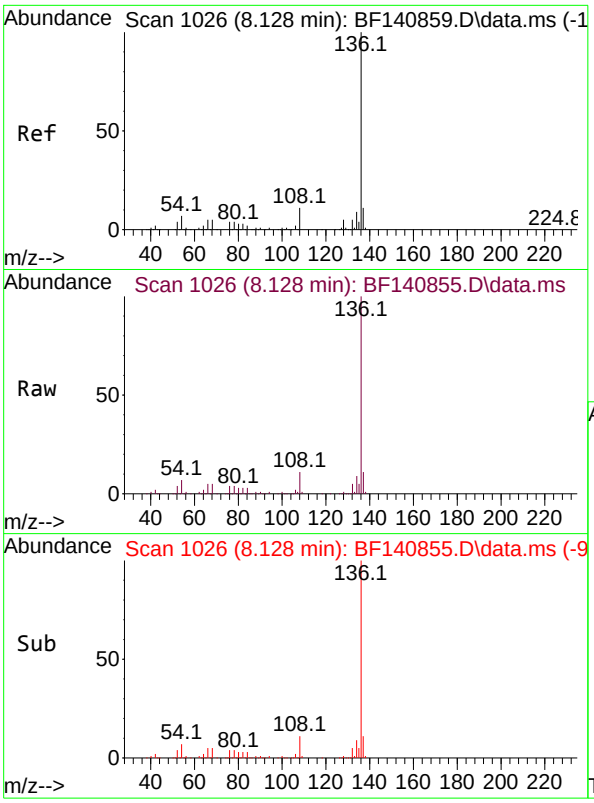


#19
n-Nitroso-di-n-propylamine
Concen: 2.604 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.012 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion: 70 Resp: 9325

Ion	Ratio	Lower	Upper
70	100		
42	54.7	45.3	67.9
101	11.0	8.0	12.0
130	19.5	16.9	25.3



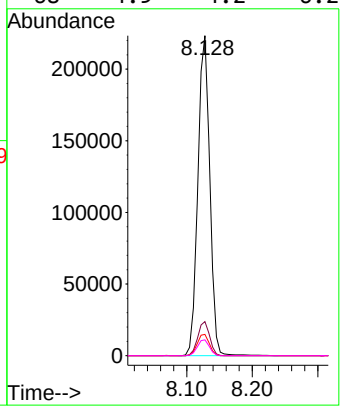


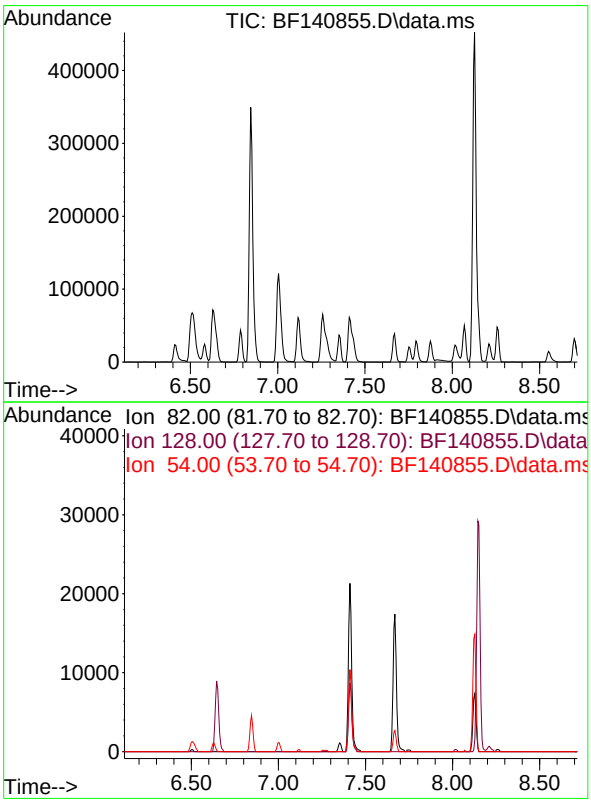
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 283096

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.7	5.6	8.4
68	4.9	4.2	6.2



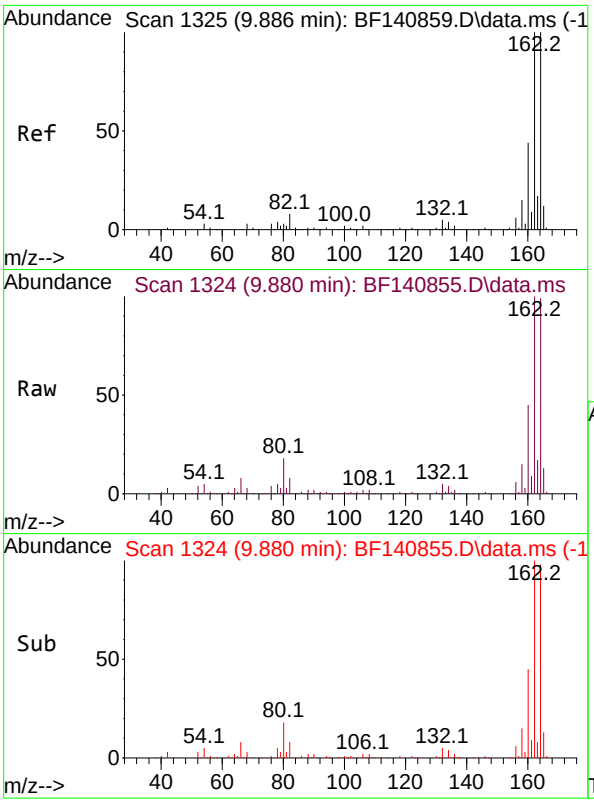


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.42 min

Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	43.0
54	48.5

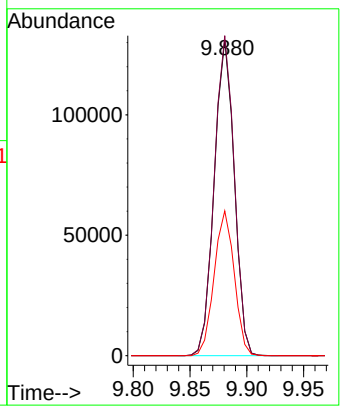


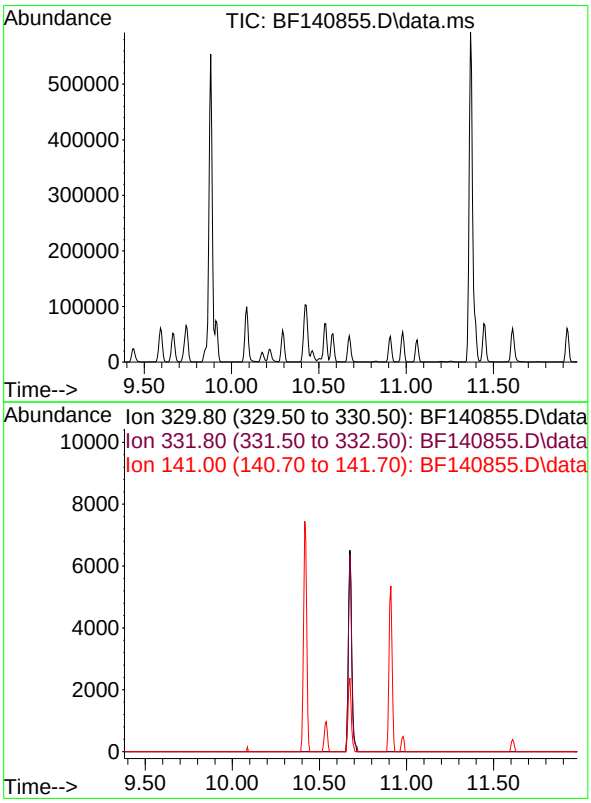
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 161044

Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.9	119.9
160	45.9	35.2	52.8



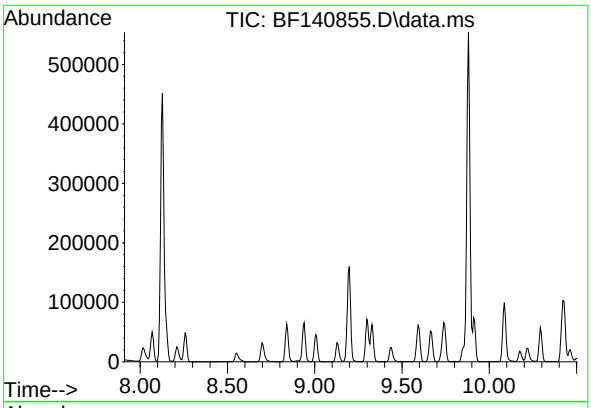


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.68 min

Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.3
141	31.1



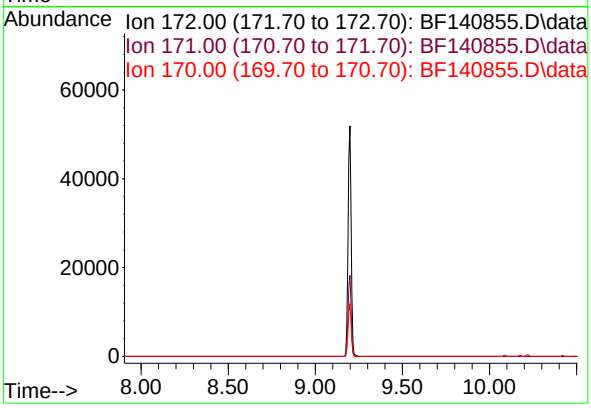
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.20 min

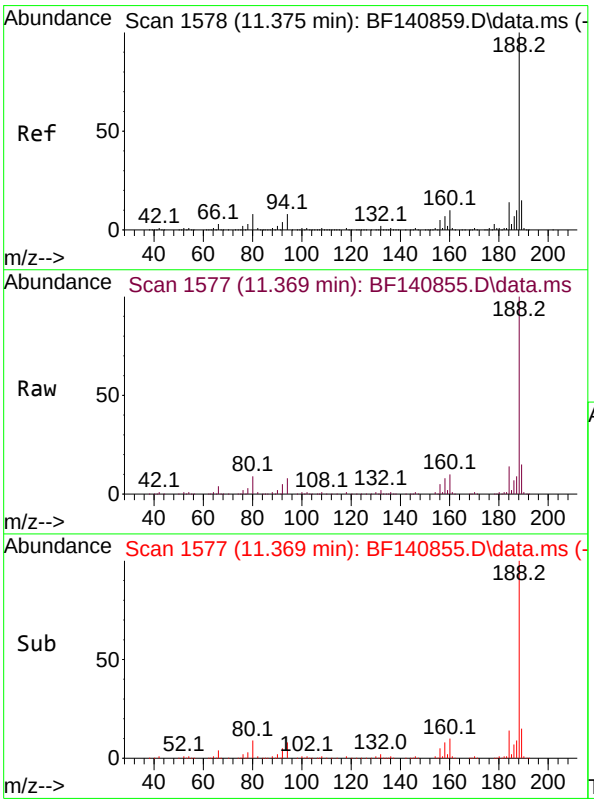
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.5
170	23.3

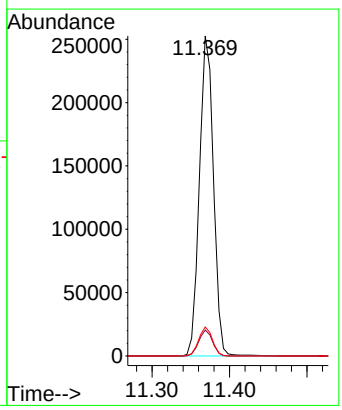


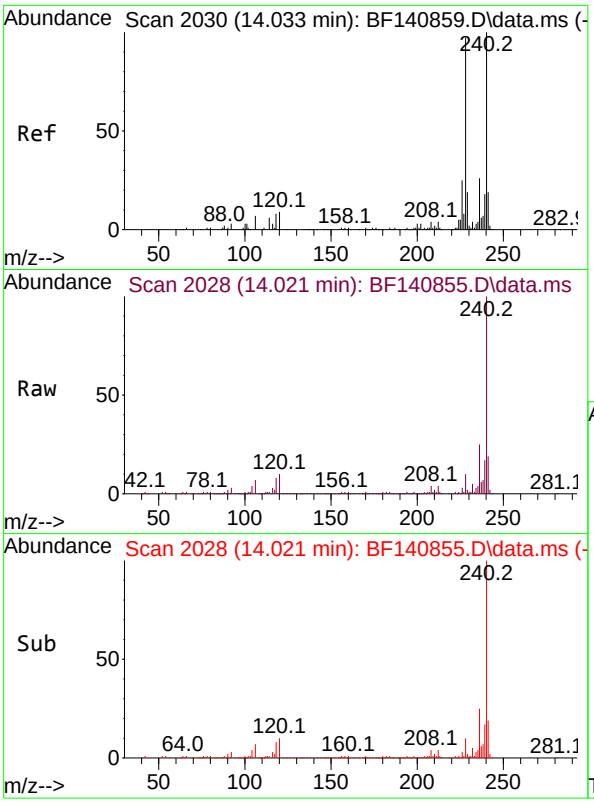


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion:188 Resp: 317916

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.4	9.6
80	9.0	6.8	10.2



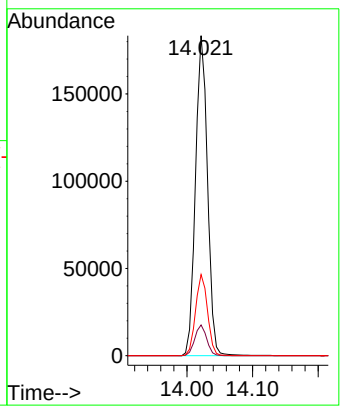


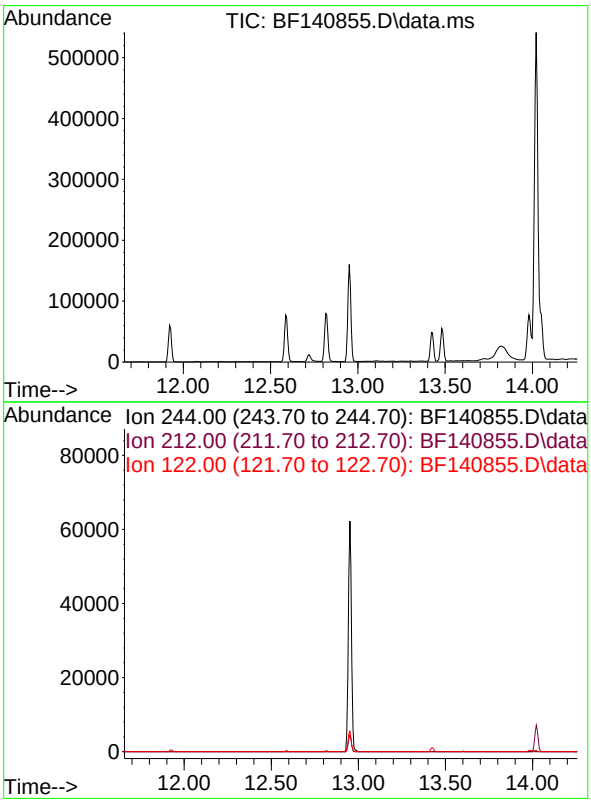
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 234189

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.6	11.4
236	25.4	20.5	30.7



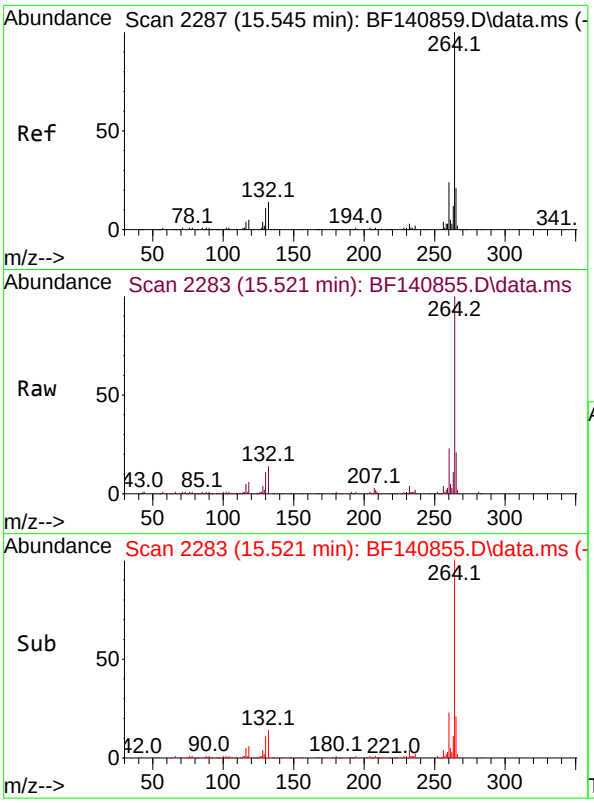


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.96 min

Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	10.2

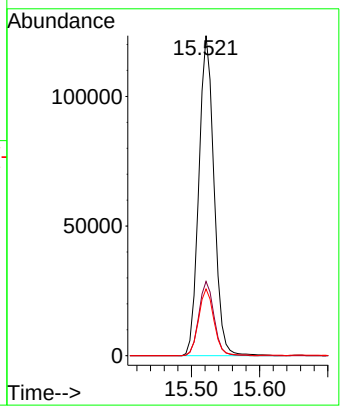


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 191083

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	20.9	17.0	25.4



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140856.D
Acq On : 16 Dec 2024 12:39
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Dec 16 16:46:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	79655	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	306130	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	181131	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	379227	20.000	ng		0.00
76) Chrysene-d12	14.021	240	302472	20.000	ng		-0.01
86) Perylene-d12	15.527	264	241868	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	48219	9.965	ng		0.00
7) Phenol-d6	6.498	99	67396	10.516	ng		0.00
23) Nitrobenzene-d5	7.410	82	62104	10.150	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	21315	9.950	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	141311	10.726	ng		0.00
79) Terphenyl-d14	12.951	244	204731	10.673	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	10891	5.225	ng		93
3) Pyridine	3.446	79	23956	4.963	ng		98
4) n-Nitrosodimethylamine	3.363	42	11912	4.895	ng		94
6) Aniline	6.516	93	28034	5.116	ng		96
8) 2-Chlorophenol	6.645	128	26751	5.070	ng		97
9) Benzaldehyde	6.410	77	20868	5.876	ng		98
10) Phenol	6.510	94	34967	5.264	ng		90
11) bis(2-Chloroethyl)ether	6.581	93	25426	5.133	ng		97
12) 1,3-Dichlorobenzene	6.787	146	31542	5.246	ng		99
13) 1,4-Dichlorobenzene	6.863	146	32009	5.245	ng		99
14) 1,2-Dichlorobenzene	7.016	146	30294	5.261	ng		97
15) Benzyl Alcohol	6.998	79	22831	4.982	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	31121	5.333	ng		84
17) 2-Methylphenol	7.116	107	21534	5.112	ng		94
18) Hexachloroethane	7.351	117	11948	5.259	ng		98
19) n-Nitroso-di-n-propyla...	7.251	70	20518	5.337	ng		99
20) 3+4-Methylphenols	7.275	107	29921	5.356	ng	#	72
22) Acetophenone	7.257	105	40223	5.252	ng		94
24) Nitrobenzene	7.428	77	31964	5.099	ng		99
25) Isophorone	7.669	82	52133	5.085	ng		99
26) 2-Nitrophenol	7.751	139	13994	4.847	ng		99
27) 2,4-Dimethylphenol	7.792	122	16915	5.017	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	32959	5.147	ng		97
29) 2,4-Dichlorophenol	8.010	162	22982	4.937	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	27533	5.160	ng		99
31) Naphthalene	8.145	128	87082	5.179	ng		99
33) 4-Chloroaniline	8.210	127	28431	5.091	ng		97
34) Hexachlorobutadiene	8.263	225	18296	5.096	ng		99
35) Caprolactam	8.551	113	6533	4.714	ng		98
36) 4-Chloro-3-methylphenol	8.698	107	26136	4.989	ng		100
37) 2-Methylnaphthalene	8.839	142	56964	5.121	ng		99
38) 1-Methylnaphthalene	8.939	142	57978	5.270	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	28167	5.059	ng		97
43) 2,4,6-Trichlorophenol	9.128	196	15756	4.622	ng		99
44) 2,4,5-Trichlorophenol	9.186	196	18698	4.990	ng		94
46) 1,1'-Biphenyl	9.298	154	75993	5.276	ng		97

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140856.D
Acq On : 16 Dec 2024 12:39
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Dec 16 16:46:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
47)	2-Chloronaphthalene	9.328	162	55976	5.080 ng		98
48)	2-Nitroaniline	9.433	65	15829	4.757 ng		98
49)	Acenaphthylene	9.745	152	84871	5.241 ng		99
50)	Dimethylphthalate	9.598	163	64810	5.075 ng		99
51)	2,6-Dinitrotoluene	9.669	165	14507	4.969 ng		99
52)	Acenaphthene	9.910	154	55626	5.378 ng		98
53)	3-Nitroaniline	9.845	138	14583	5.034 ng		95
55)	Dibenzofuran	10.086	168	86963	5.426 ng		97
57)	2,4-Dinitrotoluene	10.081	165	19701	5.129 ng	#	91
58)	Fluorene	10.428	166	71243	5.388 ng		99
59)	2,3,4,6-Tetrachlorophenol	10.216	232	13434	4.400 ng		95
60)	Diethylphthalate	10.292	149	70725	5.341 ng		100
61)	4-Chlorophenyl-phenyle...	10.416	204	35304	5.315 ng		99
62)	4-Nitroaniline	10.457	138	14883	4.916 ng		99
63)	Azobenzene	10.580	77	67111	5.391 ng		98
66)	n-Nitrosodiphenylamine	10.539	169	60581	5.196 ng		98
67)	4-Bromophenyl-phenylether	10.910	248	21332	5.028 ng		98
68)	Hexachlorobenzene	10.980	284	24367	5.066 ng		97
69)	Atrazine	11.063	200	18943	5.817 ng		98
71)	Phenanthrene	11.392	178	106671	5.470 ng		99
72)	Anthracene	11.445	178	103428	5.385 ng		100
73)	Carbazole	11.610	167	102961	5.473 ng		99
74)	Di-n-butylphthalate	11.922	149	118050	5.347 ng		99
75)	Fluoranthene	12.586	202	129330	5.758 ng		99
78)	Pyrene	12.816	202	143947	5.352 ng		99
80)	Butylbenzylphthalate	13.427	149	49136	4.965 ng		99
81)	Benzo(a)anthracene	14.016	228	112964	5.270 ng		99
82)	3,3'-Dichlorobenzidine	13.974	252	32405	5.010 ng		98
83)	Chrysene	14.051	228	102933	5.280 ng		99
84)	Bis(2-ethylhexyl)phtha...	13.986	149	60799	4.764 ng		99
85)	Di-n-octyl phthalate	14.621	149	95835	4.964 ng		100
87)	Indeno(1,2,3-cd)pyrene	17.027	276	68314	4.526 ng		99
88)	Benzo(b)fluoranthene	15.092	252	87940	5.238 ng		100
89)	Benzo(k)fluoranthene	15.121	252	79696	5.534 ng		99
90)	Benzo(a)pyrene	15.463	252	66476	5.057 ng		99
91)	Dibenzo(a,h)anthracene	17.033	278	55222	4.416 ng		98
92)	Benzo(g,h,i)perylene	17.486	276	58125	4.567 ng		100

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

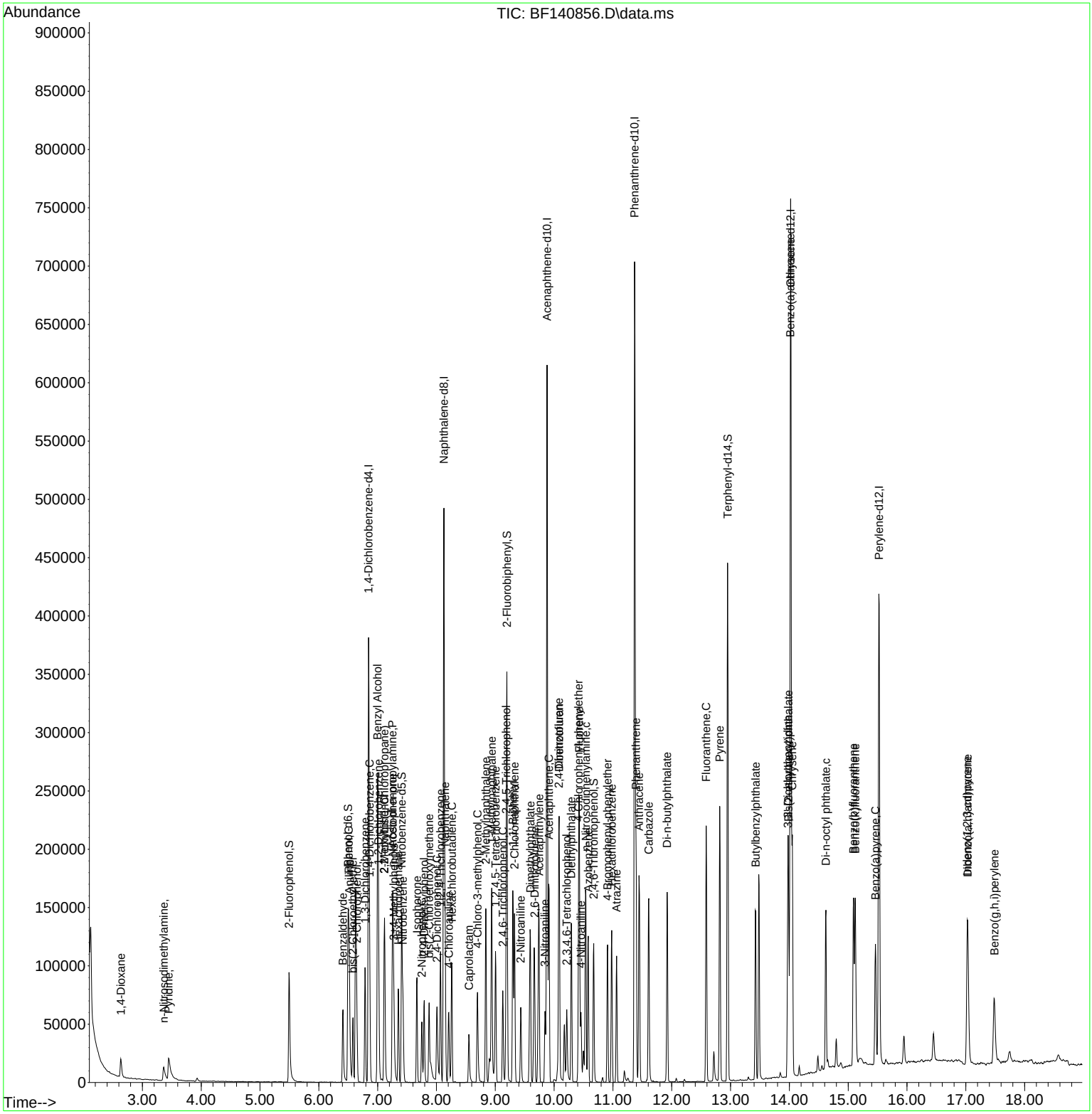
Quantitation Report (QT Reviewed)

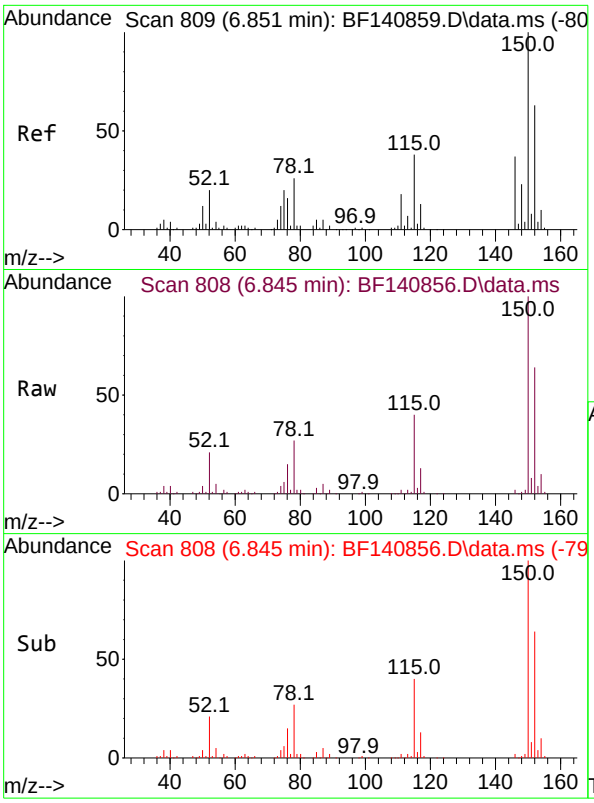
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140856.D
Acq On : 16 Dec 2024 12:39
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Dec 16 16:46:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



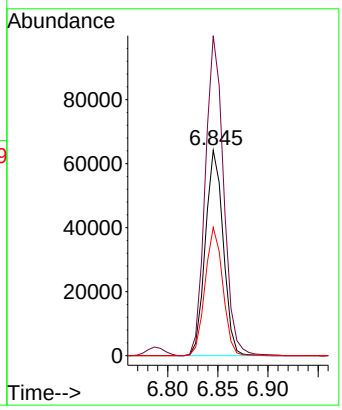


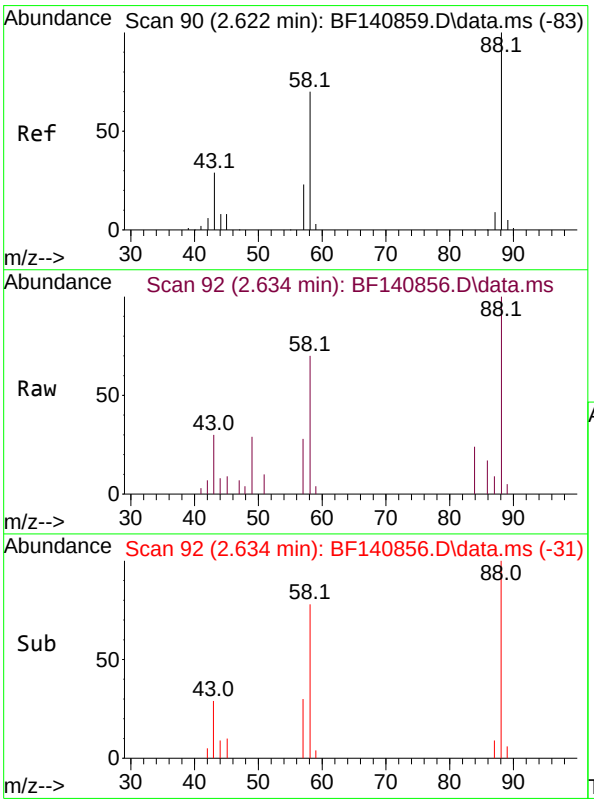
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 79655

Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.9	191.9
115	62.4	48.0	72.0

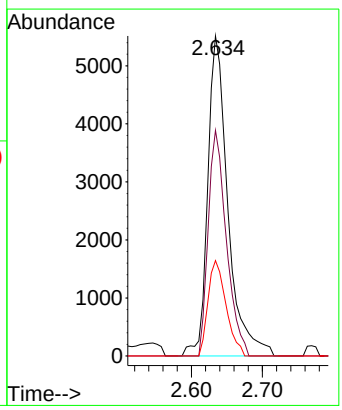


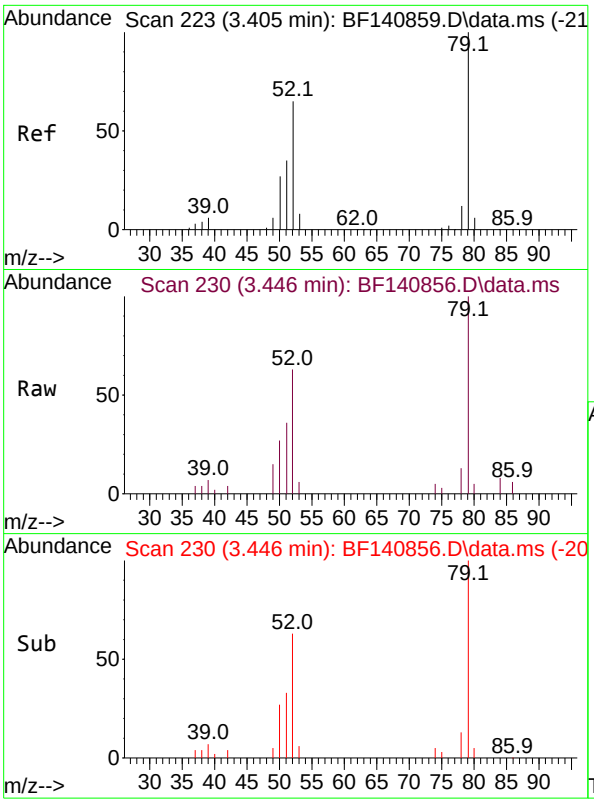


#2
1,4-Dioxane
Concen: 5.225 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.012 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion: 88 Resp: 10891

Ion	Ratio	Lower	Upper
88	100		
58	63.3	55.8	83.8
43	26.6	22.7	34.1



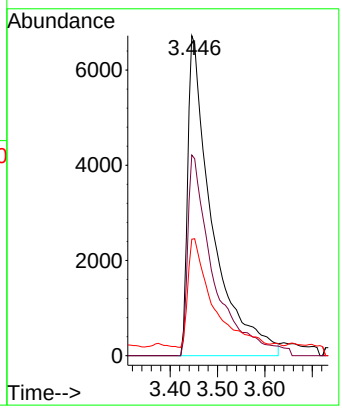


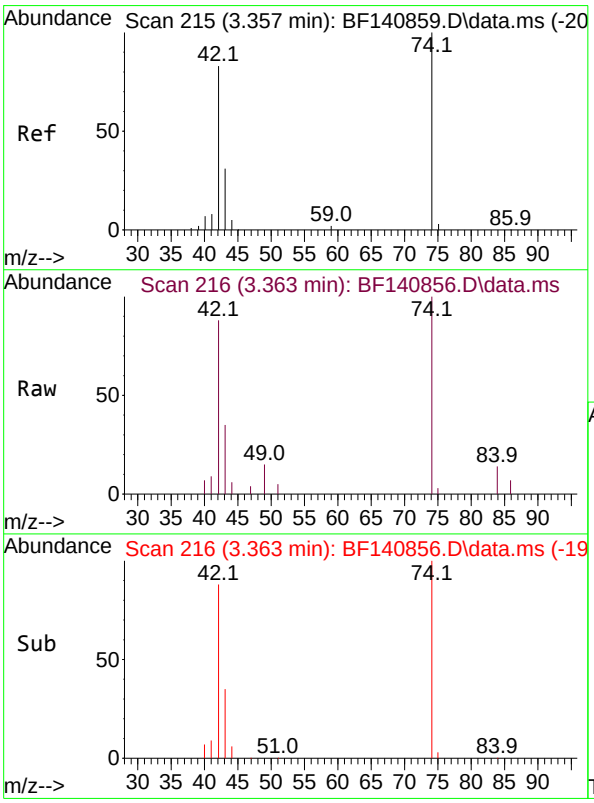
#3
Pyridine
Concen: 4.963 ng
RT: 3.446 min Scan# 2
Delta R.T. 0.041 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 23956

Ion	Ratio	Lower	Upper
79	100		
52	62.7	51.7	77.5
51	36.4	28.2	42.4

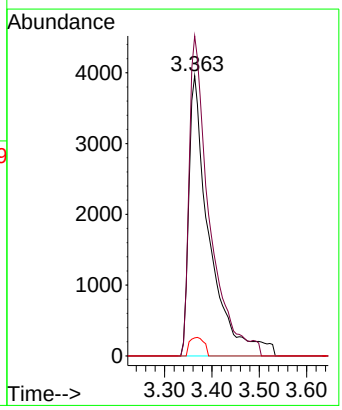


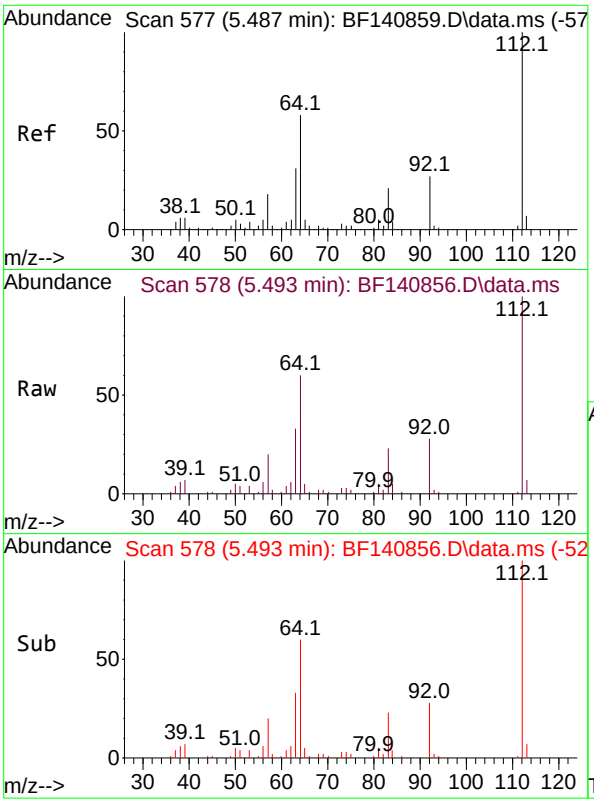


#4
n-Nitrosodimethylamine
Concen: 4.895 ng
RT: 3.363 min Scan# 216
Delta R.T. 0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion: 42 Resp: 11912

Ion	Ratio	Lower	Upper
42	100		
74	114.2	96.9	145.3
44	6.5	4.4	6.6



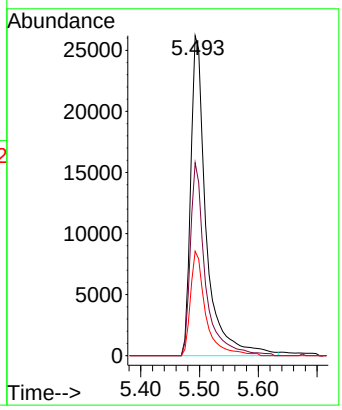


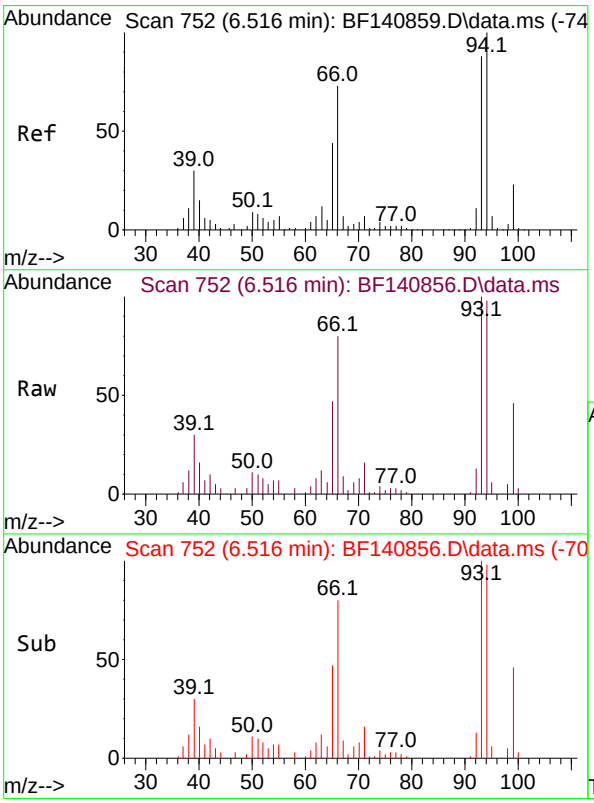
#5
2-Fluorophenol
Concen: 9.965 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 48219

Ion	Ratio	Lower	Upper
112	100		
64	60.3	46.1	69.1
63	32.6	24.9	37.3

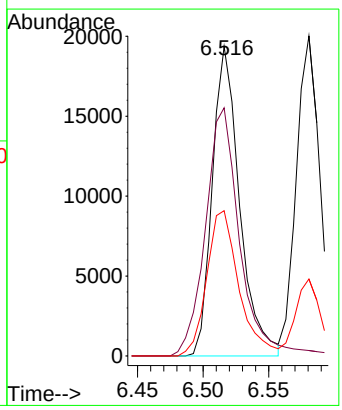


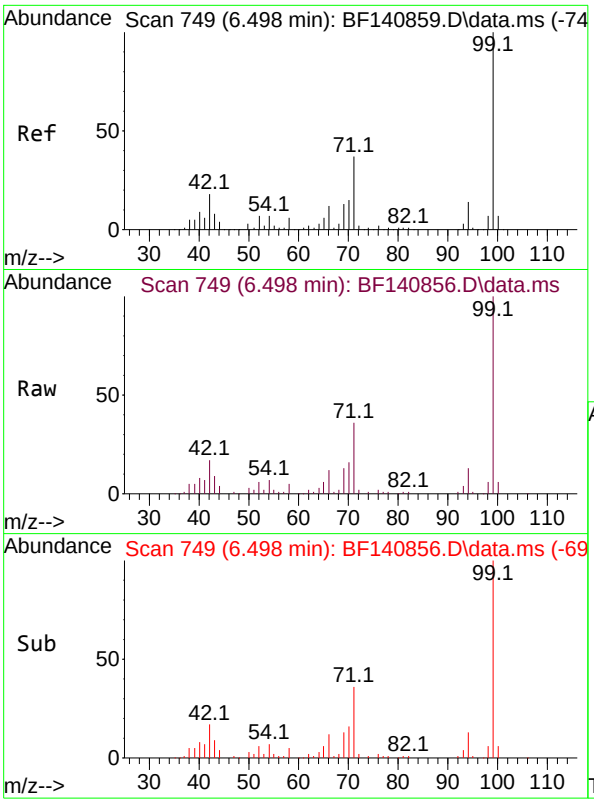


#6
Aniline
Concen: 5.116 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion: 93 Resp: 28034

Ion	Ratio	Lower	Upper
93	100		
66	80.1	67.0	100.4
65	46.9	40.4	60.6



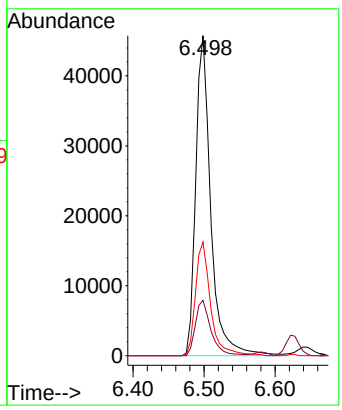


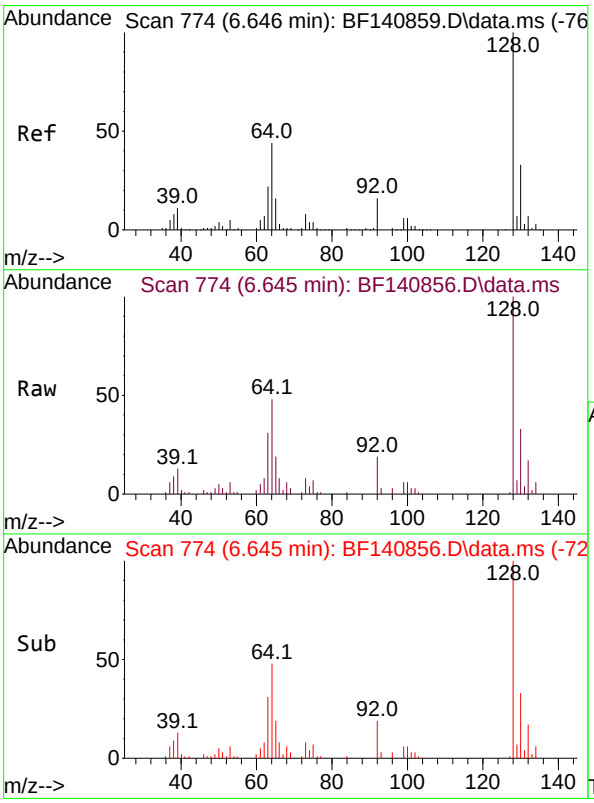
#7
Phenol-d6
Concen: 10.516 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 67396

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.3	21.5
71	35.5	29.9	44.9

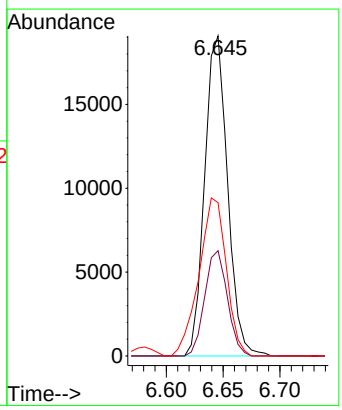


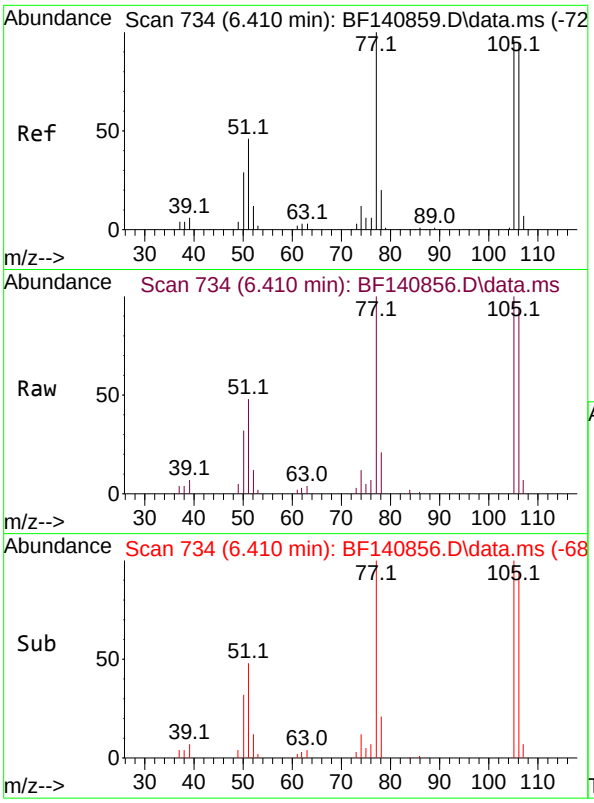


#8
2-Chlorophenol
Concen: 5.070 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:128 Resp: 26751

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	47.9	24.3	64.3



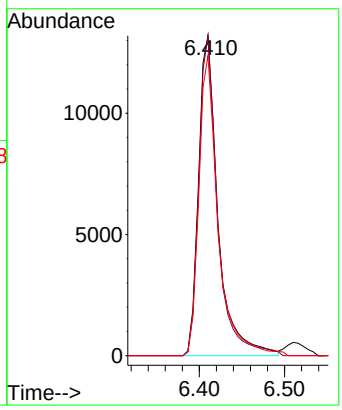


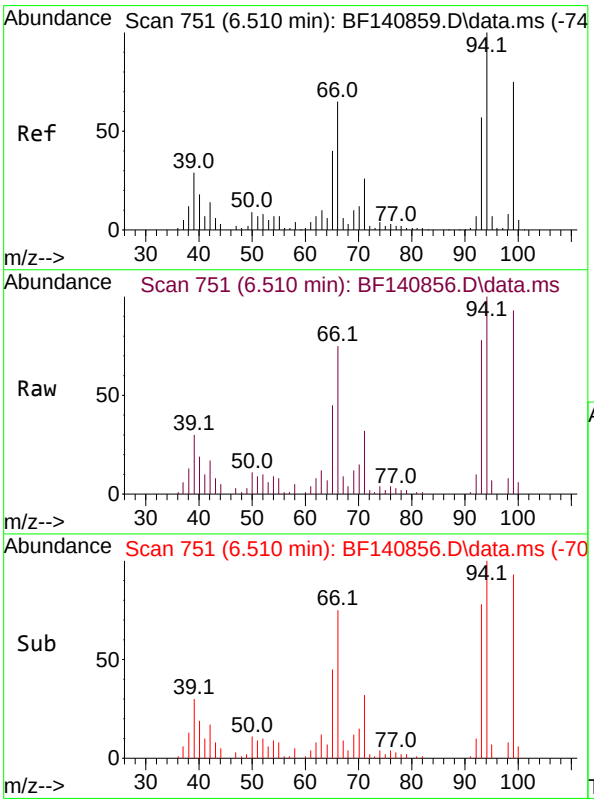
#9
Benzaldehyde
Concen: 5.876 ng
RT: 6.410 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 20868

Ion	Ratio	Lower	Upper
77	100		
105	99.9	75.8	115.8
106	93.8	74.1	114.1

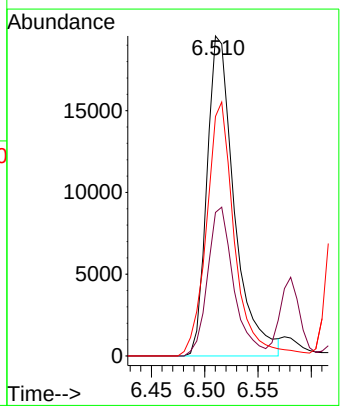


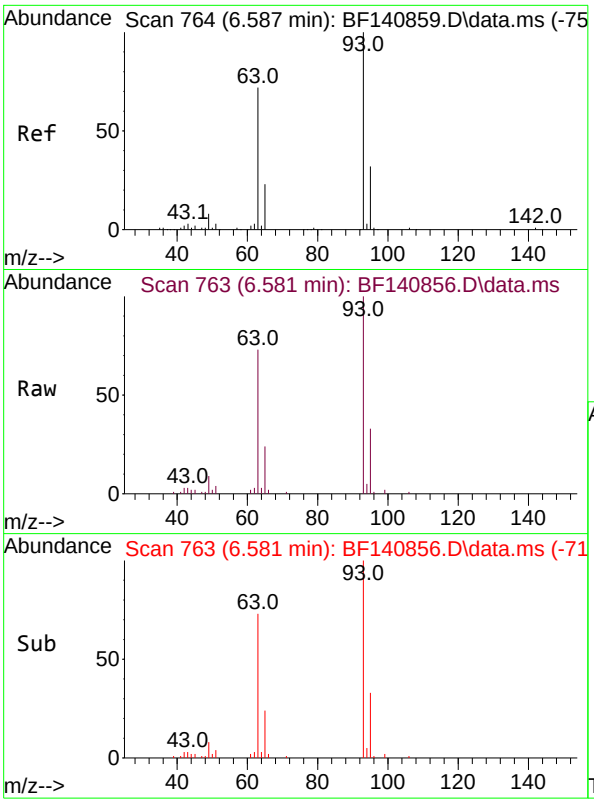


#10
Phenol
Concen: 5.264 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion: 94 Resp: 34967

Ion	Ratio	Lower	Upper
94	100		
65	44.9	19.9	59.9
66	74.9	45.6	85.6



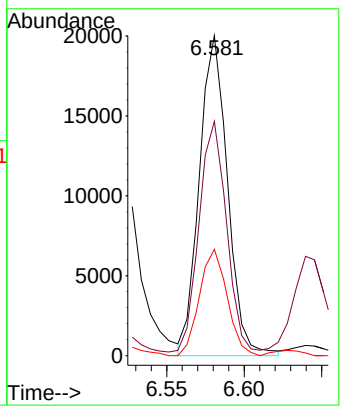


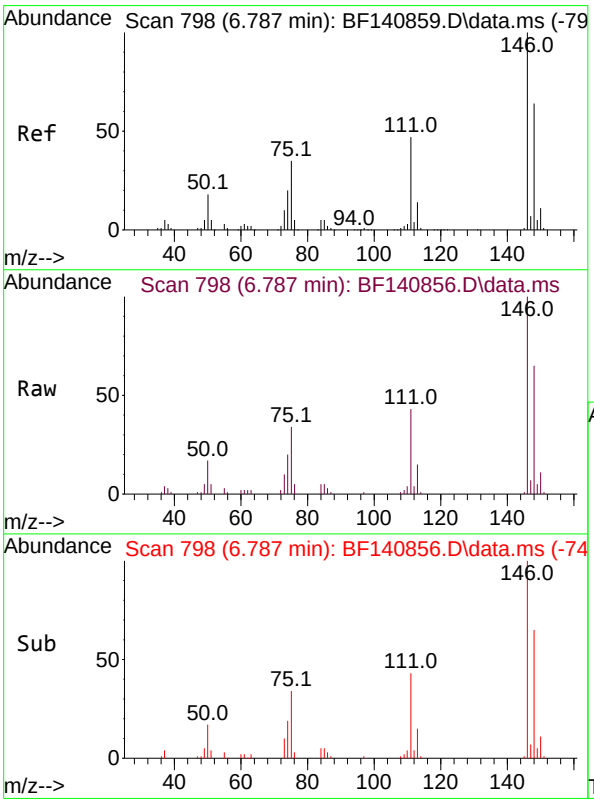
#11
bis(2-Chloroethyl)ether
Concen: 5.133 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 25426

Ion	Ratio	Lower	Upper
93	100		
63	73.2	51.0	91.0
95	33.3	12.0	52.0

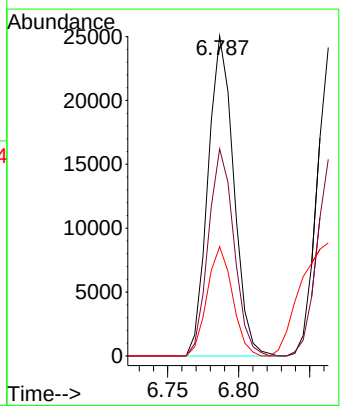


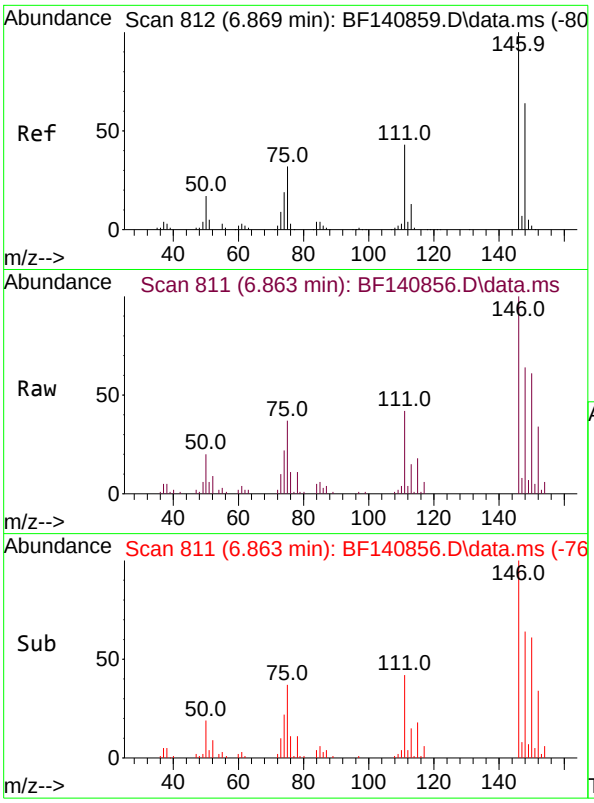


#12
1,3-Dichlorobenzene
Concen: 5.246 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:146 Resp: 31542

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
75	34.2	28.1	42.1



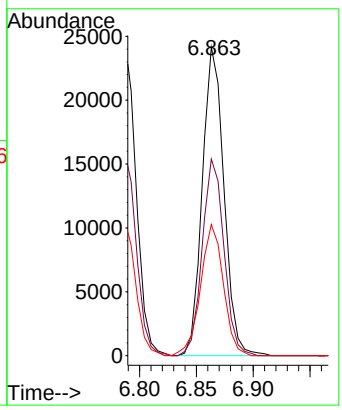


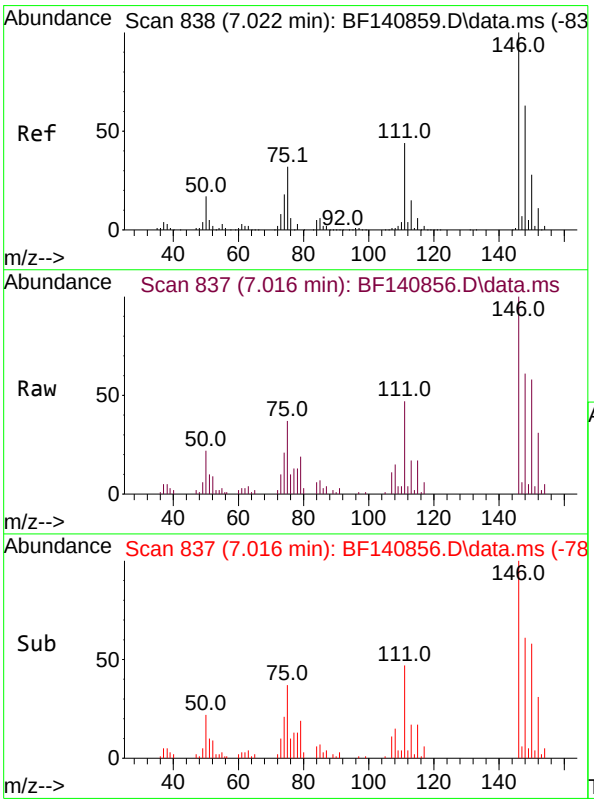
#13
1,4-Dichlorobenzene
Concen: 5.245 ng
RT: 6.863 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 32009

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
111	42.5	34.4	51.6

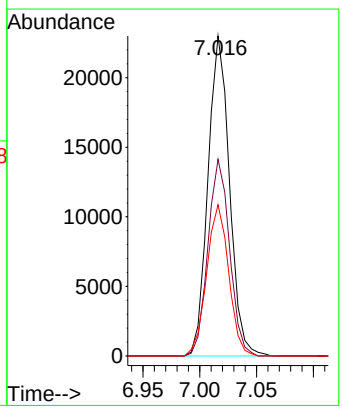


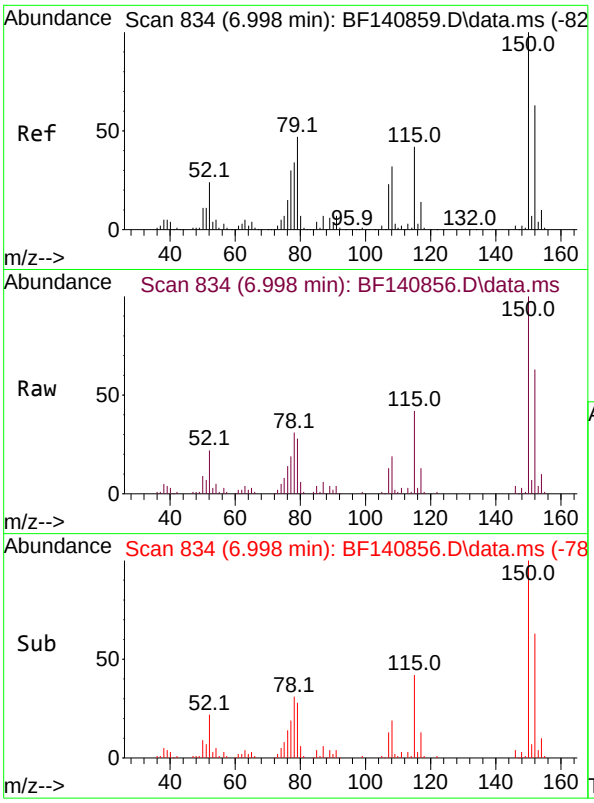


#14
1,2-Dichlorobenzene
Concen: 5.261 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:146 Resp: 30294

Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.0	75.0
111	47.2	35.6	53.4



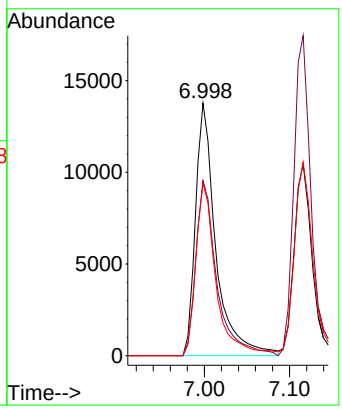


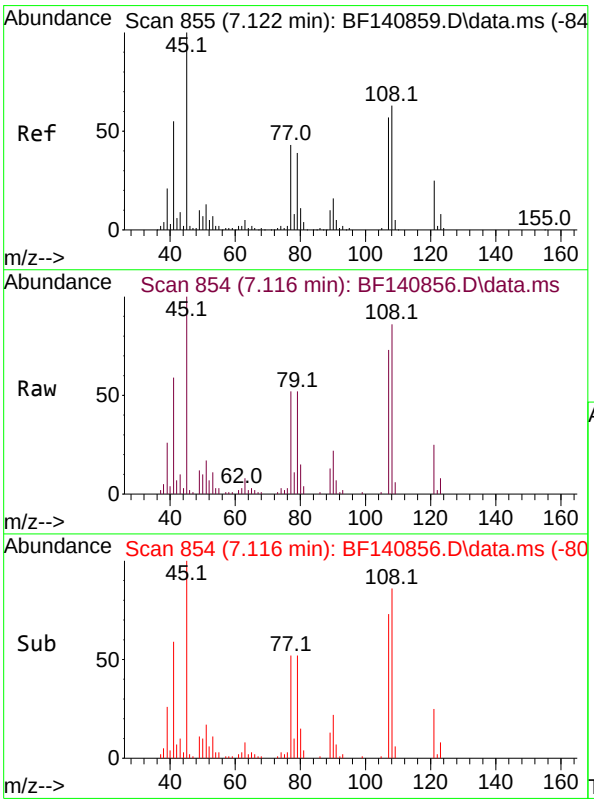
#15
Benzyl Alcohol
Concen: 4.982 ng
RT: 6.998 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 22831

Ion	Ratio	Lower	Upper
79	100		
108	69.4	55.1	82.7
77	68.2	50.6	76.0

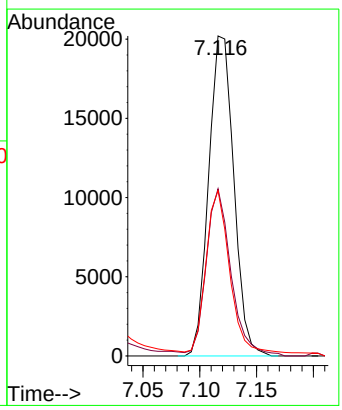


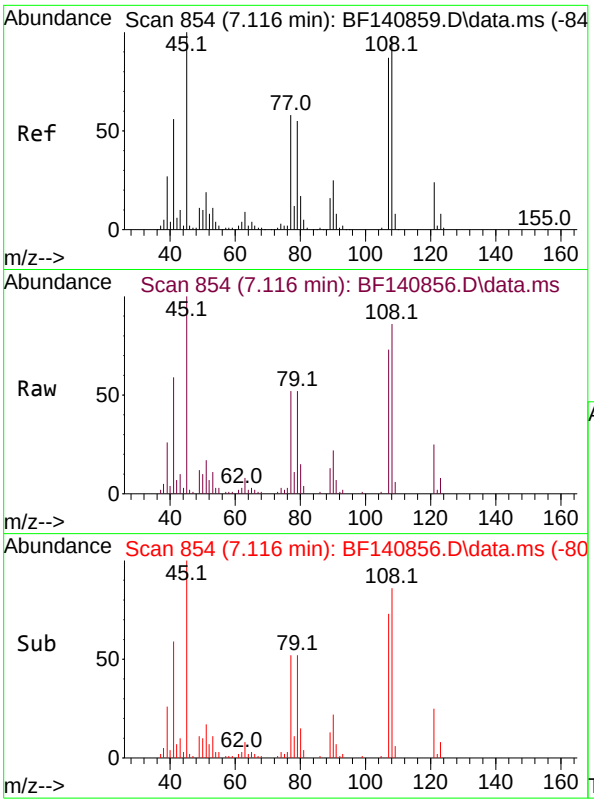


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.333 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion: 45 Resp: 31121

Ion	Ratio	Lower	Upper
45	100		
77	52.3	23.3	63.3
79	51.7	20.0	60.0



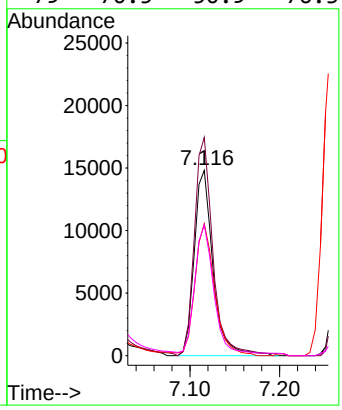


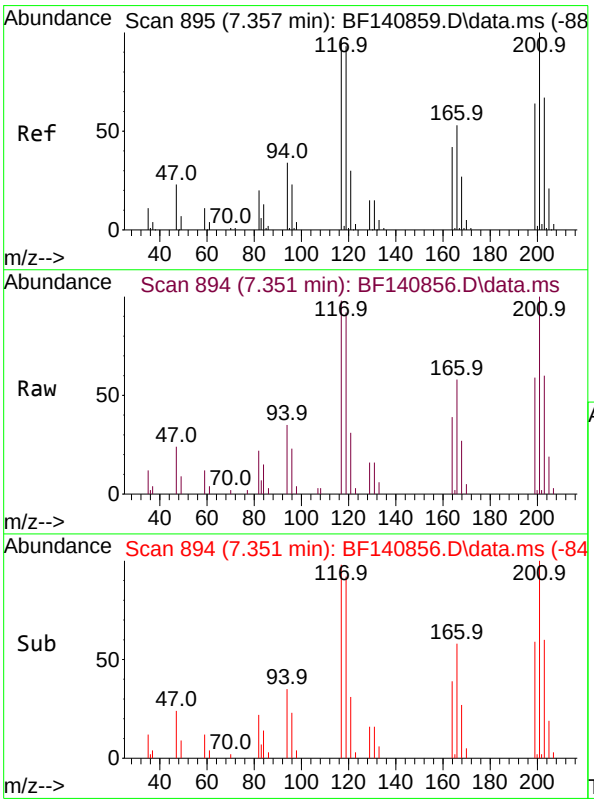
#17
2-Methylphenol
Concen: 5.112 ng
RT: 7.116 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 21534

Ion	Ratio	Lower	Upper
107	100		
108	117.8	90.2	135.4
77	71.3	53.8	80.6
79	70.5	50.9	76.3

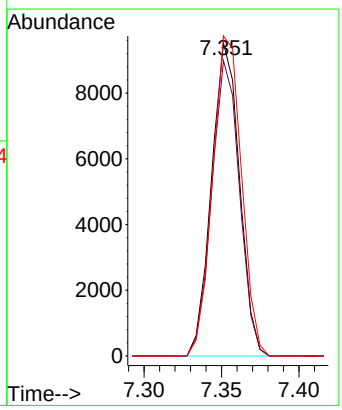


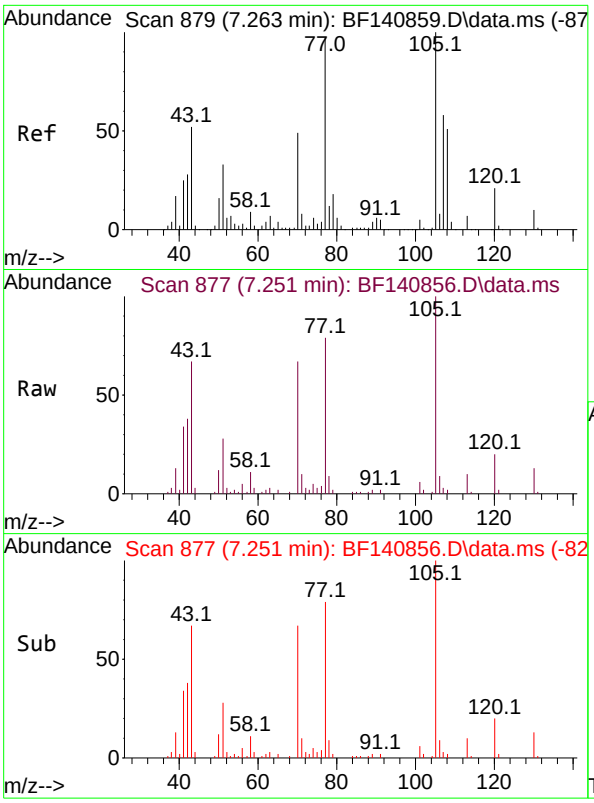


#18
Hexachloroethane
Concen: 5.259 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:117 Resp: 11948

Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.4	116.0
201	102.3	83.4	125.0



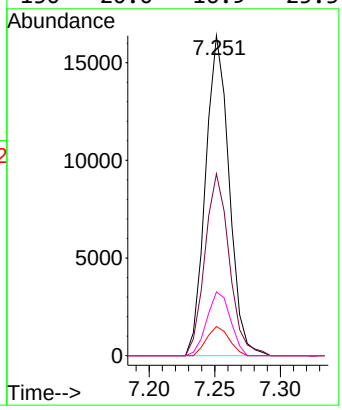


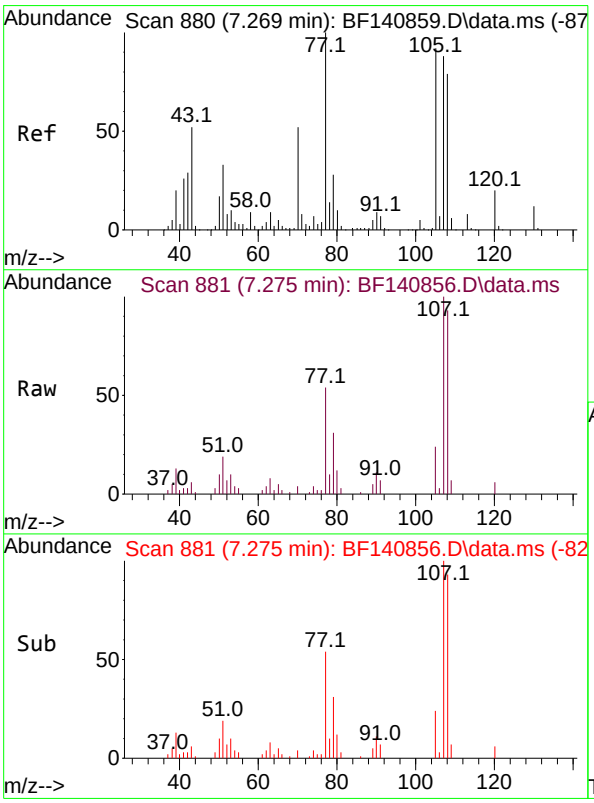
#19
n-Nitroso-di-n-propylamine
Concen: 5.337 ng
RT: 7.251 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 20518

Ion	Ratio	Lower	Upper
70	100		
42	56.9	45.3	67.9
101	9.1	8.0	12.0
130	20.0	16.9	25.3

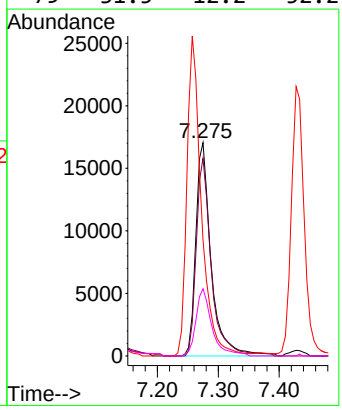


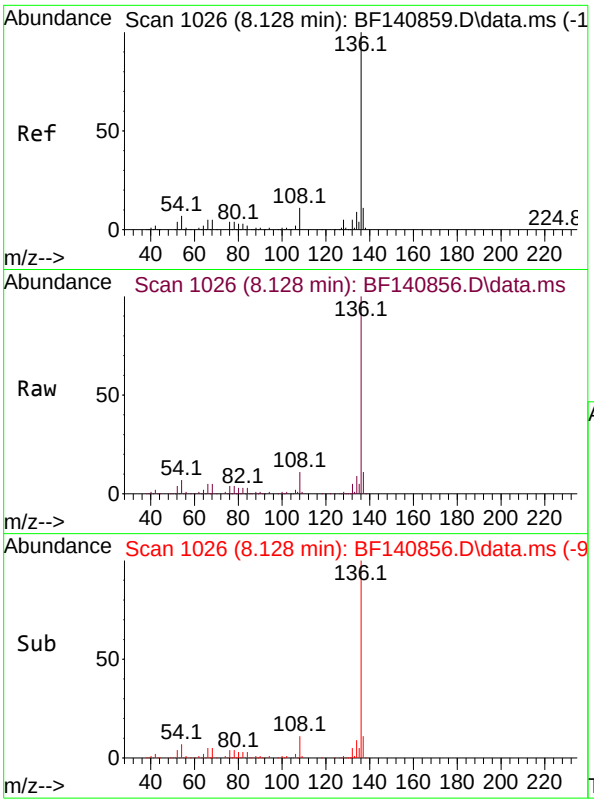


#20
3+4-Methylphenols
Concen: 5.356 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:107 Resp: 29921

Ion	Ratio	Lower	Upper
107	100		
108	92.6	70.1	110.1
77	54.4	94.4	134.4#
79	31.5	12.2	52.2



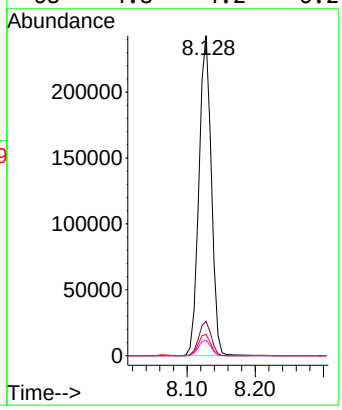


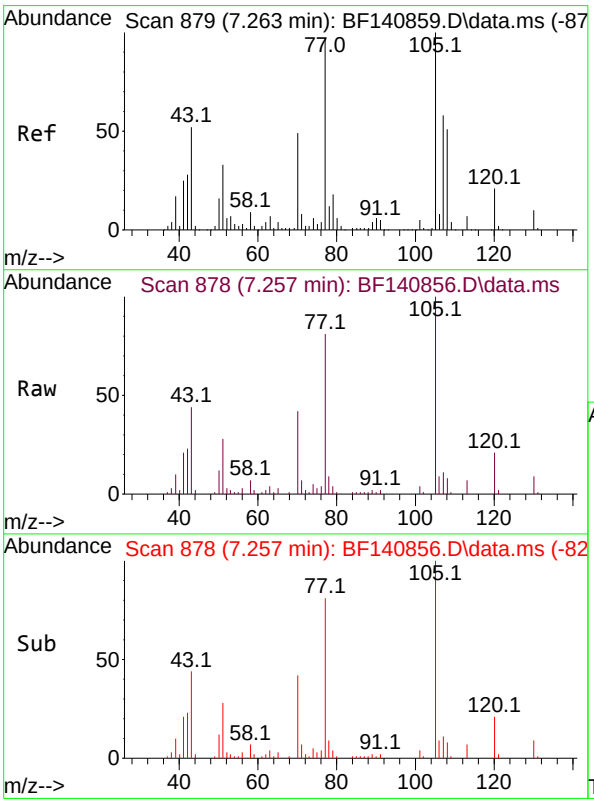
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 306130

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.7	5.6	8.4
68	4.8	4.2	6.2

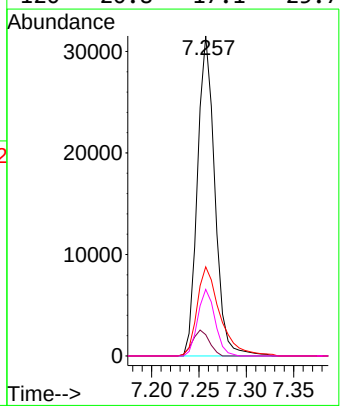


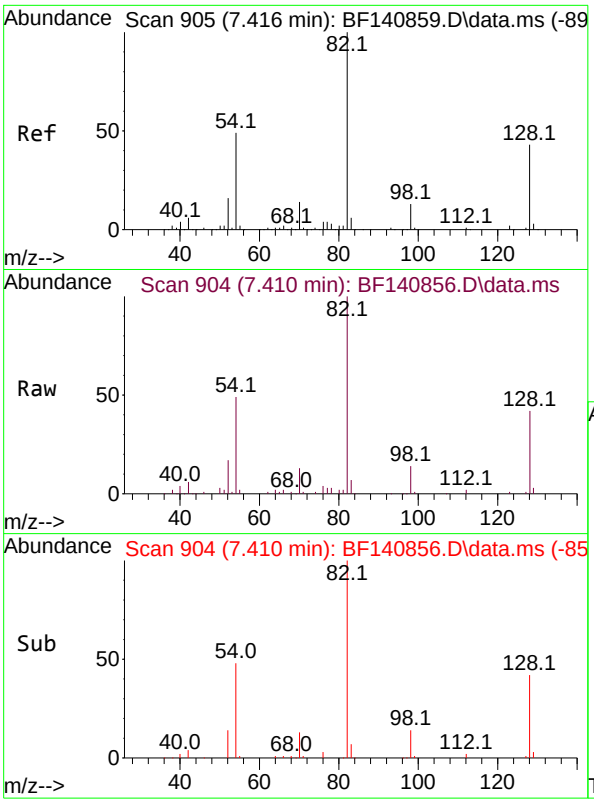


#22
Acetophenone
Concen: 5.252 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:105 Resp: 40223

Ion	Ratio	Lower	Upper
105	100		
71	6.6	6.2	9.4
51	27.9	26.3	39.5
120	20.8	17.1	25.7



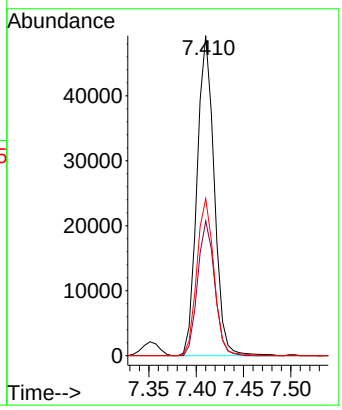


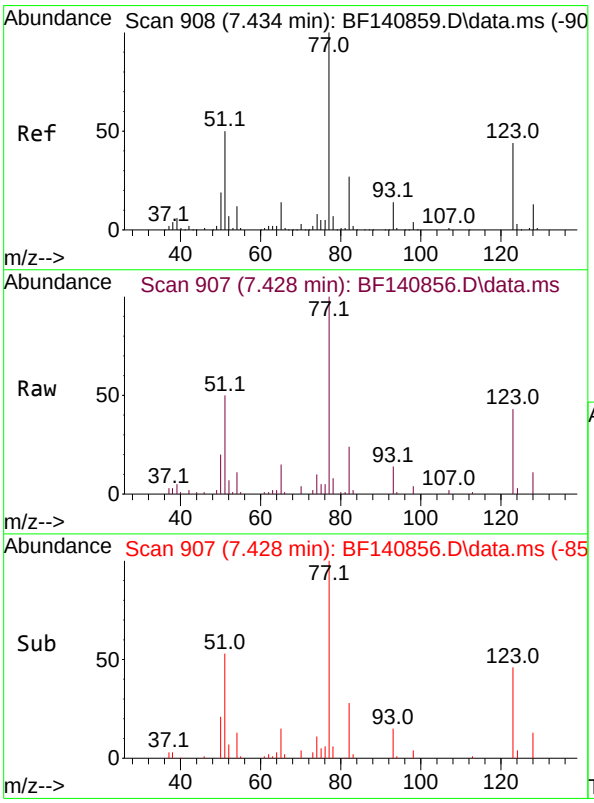
#23
Nitrobenzene-d5
Concen: 10.150 ng
RT: 7.410 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 62104

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.4	51.6
54	49.1	38.8	58.2

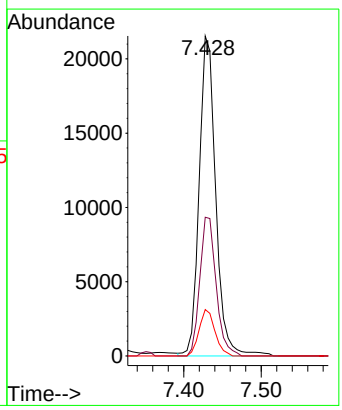


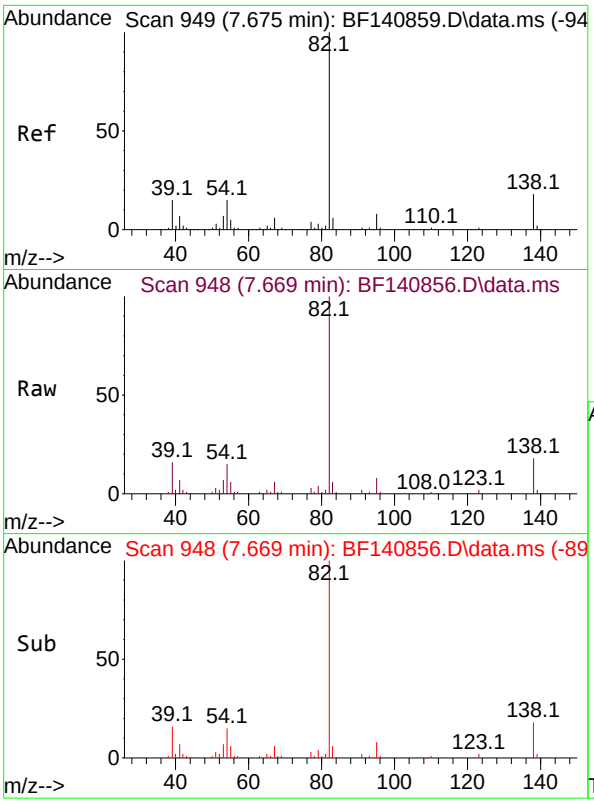


#24
Nitrobenzene
Concen: 5.099 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion: 77 Resp: 31964

Ion	Ratio	Lower	Upper
77	100		
123	43.3	35.0	52.4
65	14.5	11.4	17.0



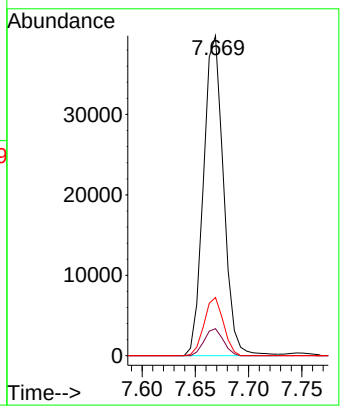


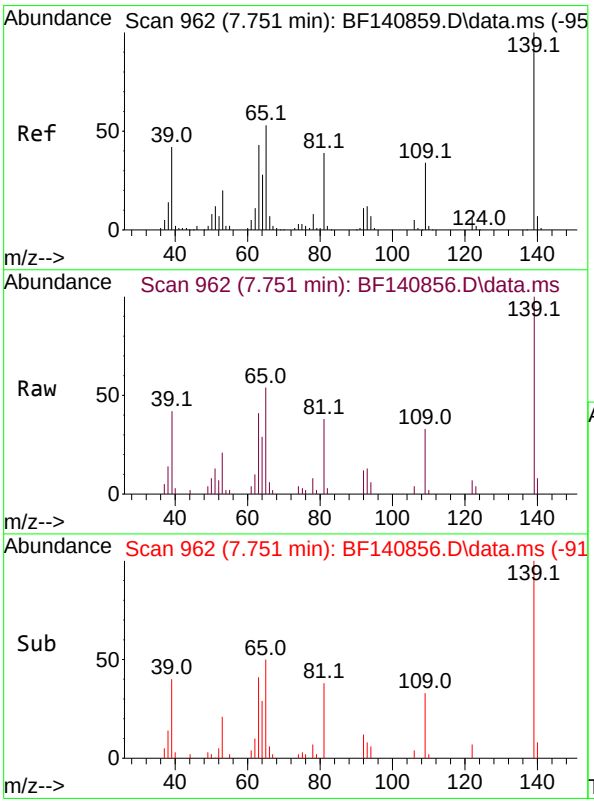
#25
Isophorone
Concen: 5.085 ng
RT: 7.669 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 52133

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.3	9.5
138	18.2	14.1	21.1

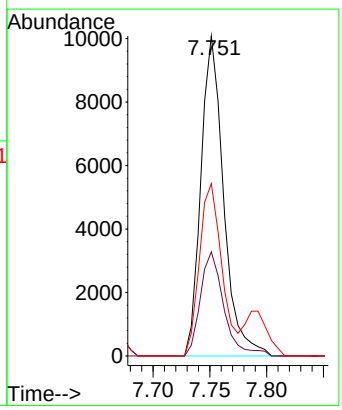


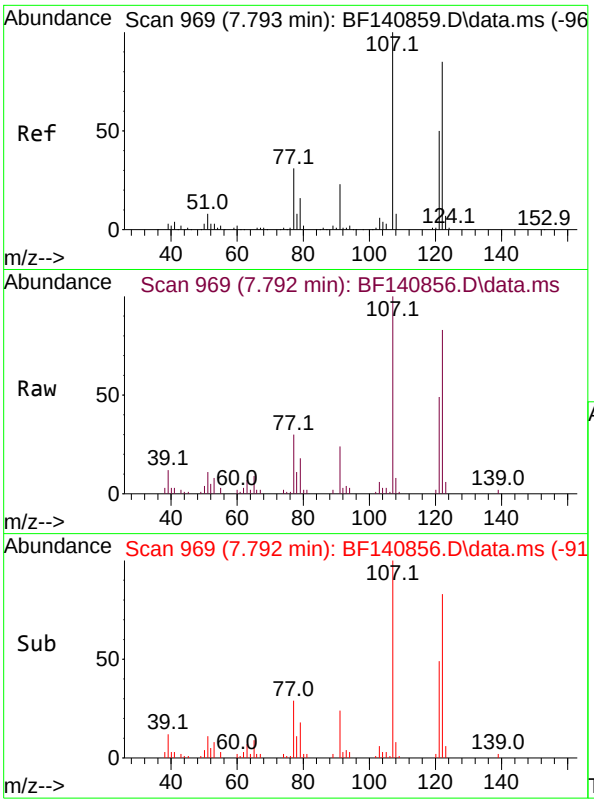


#26
2-Nitrophenol
Concen: 4.847 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:139 Resp: 13994

Ion	Ratio	Lower	Upper
139	100		
109	32.5	26.9	40.3
65	53.8	42.6	64.0



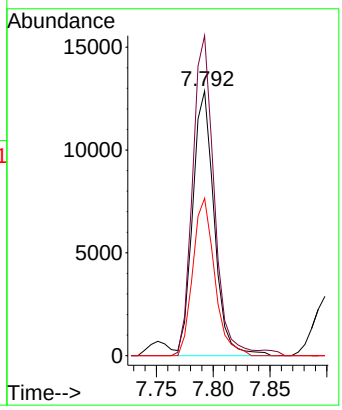


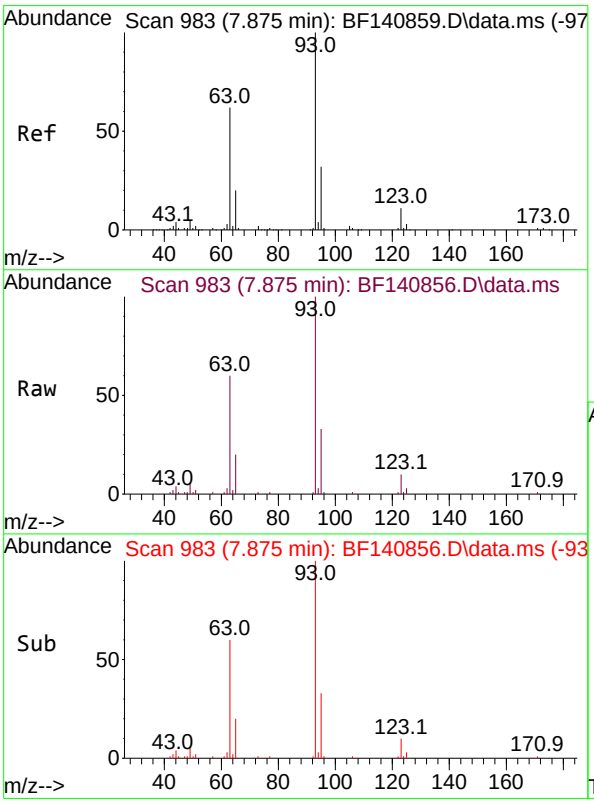
#27
2,4-Dimethylphenol
Concen: 5.017 ng
RT: 7.792 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 16915

Ion	Ratio	Lower	Upper
122	100		
107	120.9	92.6	139.0
121	59.5	45.8	68.8

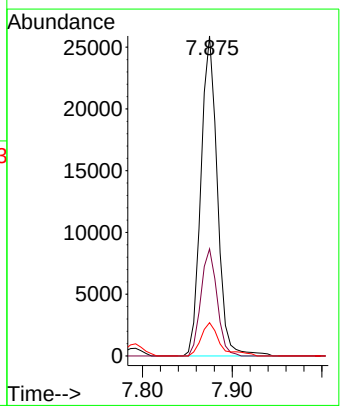


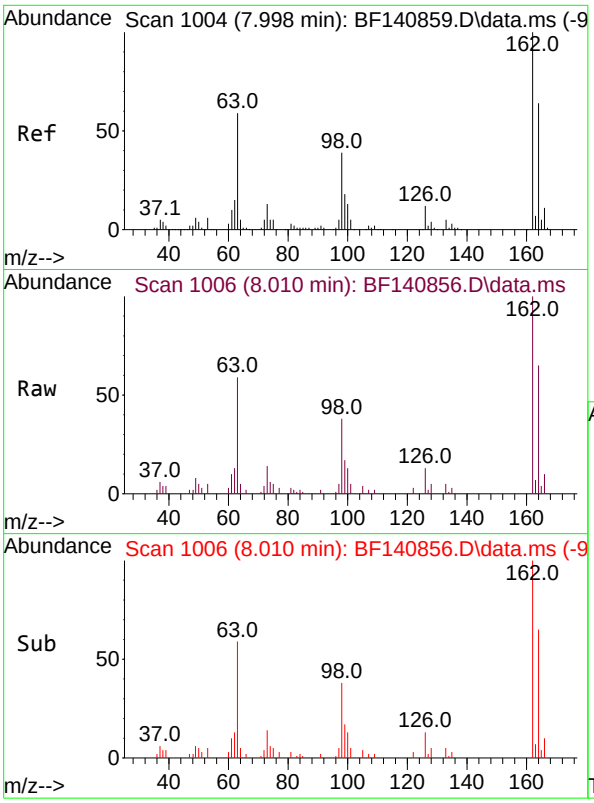


#28
bis(2-Chloroethoxy)methane
Concen: 5.147 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion: 93 Resp: 32959

Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.3	37.9
123	10.4	8.6	13.0



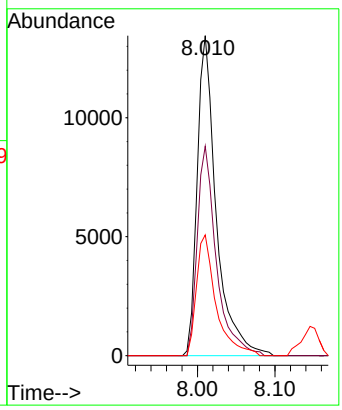


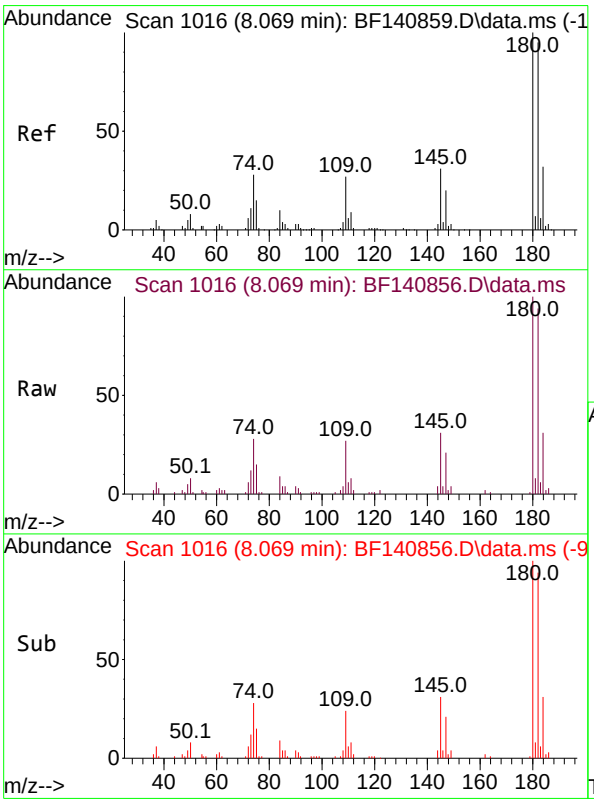
#29
2,4-Dichlorophenol
Concen: 4.937 ng
RT: 8.010 min Scan# 1(
Delta R.T. 0.012 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 22982

Ion	Ratio	Lower	Upper
162	100		
164	65.4	43.7	83.7
98	37.8	18.6	58.6

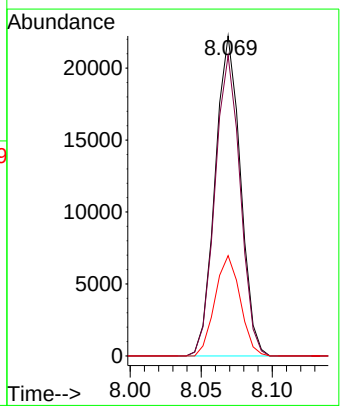


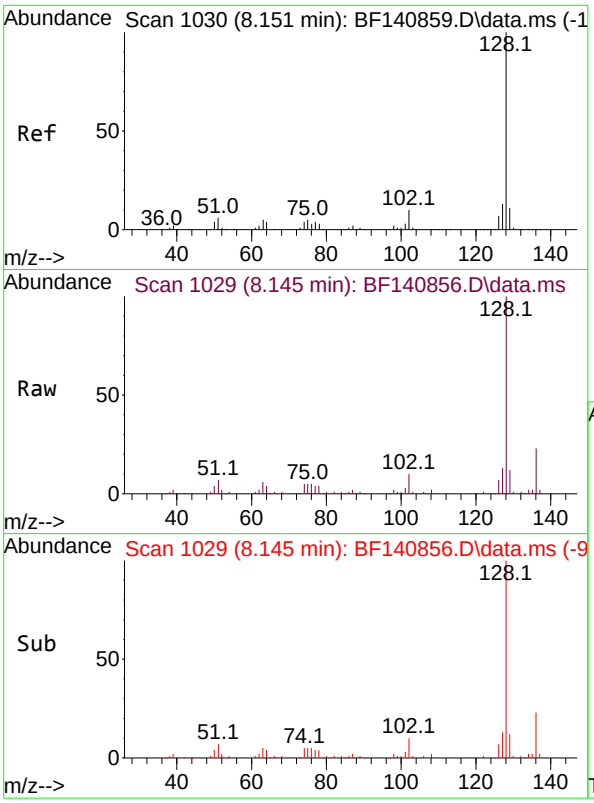


#30
1,2,4-Trichlorobenzene
Concen: 5.160 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:180 Resp: 27533

Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
145	31.4	25.2	37.8



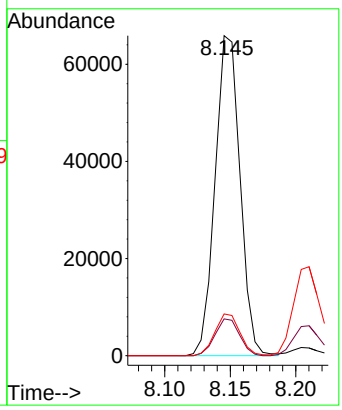


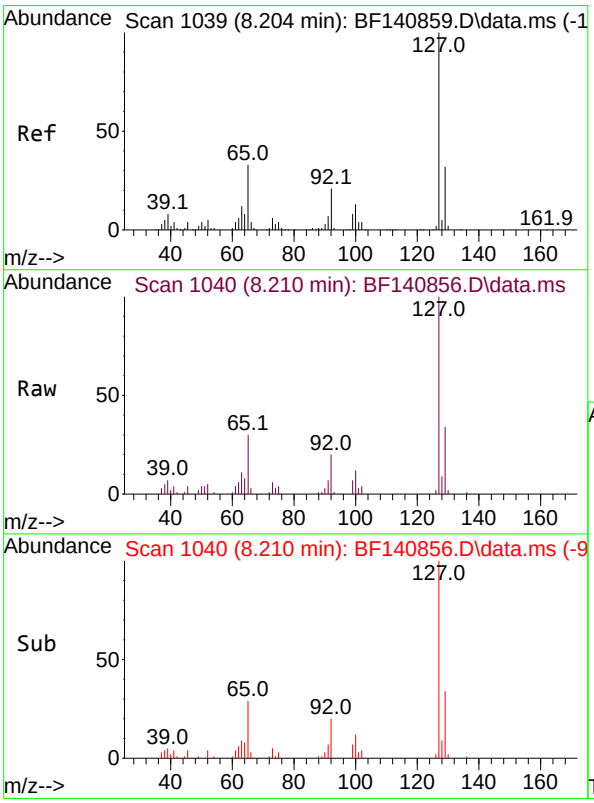
#31
Naphthalene
Concen: 5.179 ng
RT: 8.145 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 87082

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.1	10.6	16.0

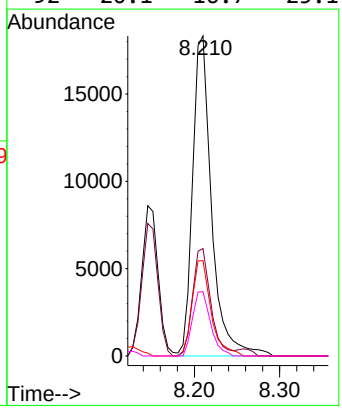


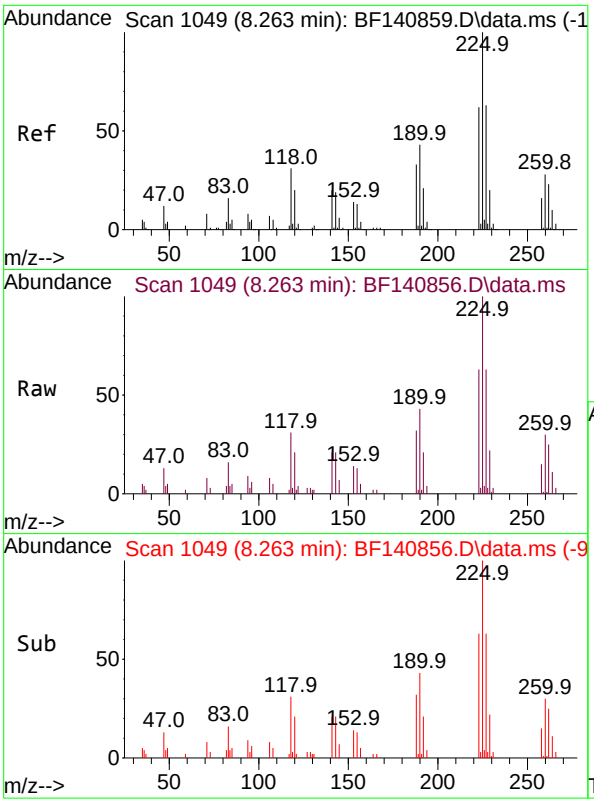


#33
4-Chloroaniline
Concen: 5.091 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:127 Resp: 28431

Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.0	39.0
65	29.8	26.0	39.0
92	20.1	16.7	25.1



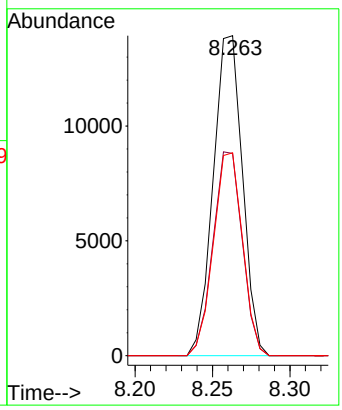


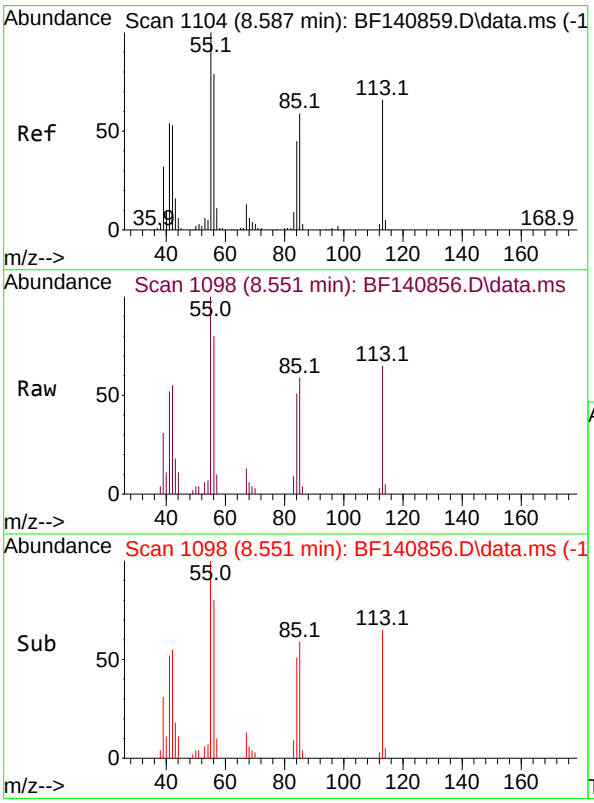
#34
Hexachlorobutadiene
Concen: 5.096 ng
RT: 8.263 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 18296

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.6	74.4
227	63.4	50.7	76.1

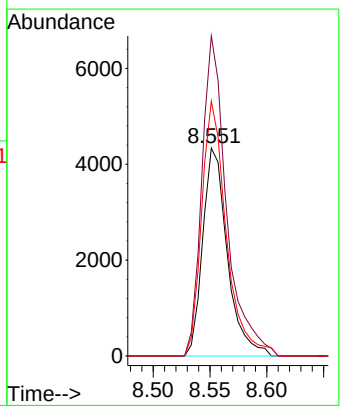


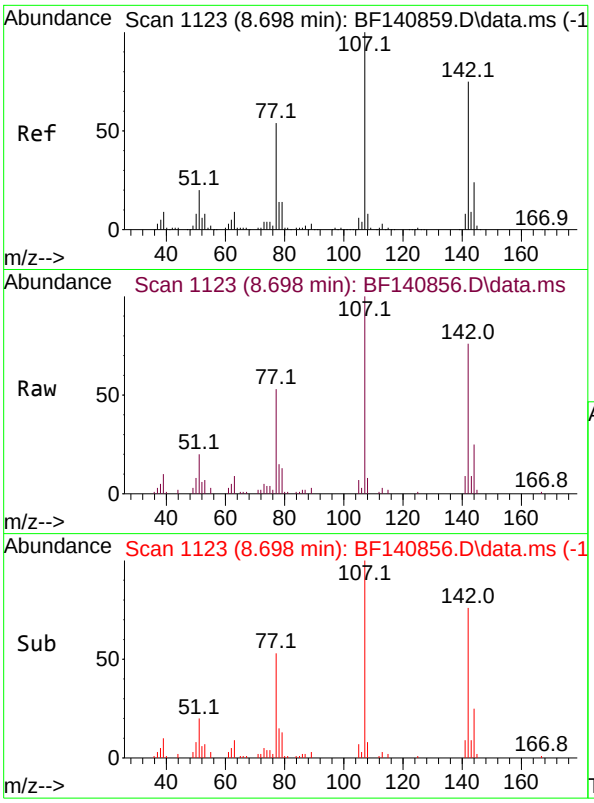


#35
Caprolactam
Concen: 4.714 ng
RT: 8.551 min Scan# 1098
Delta R.T. -0.035 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:113 Resp: 6533

Ion	Ratio	Lower	Upper
113	100		
55	153.9	132.3	172.3
56	122.5	100.3	140.3



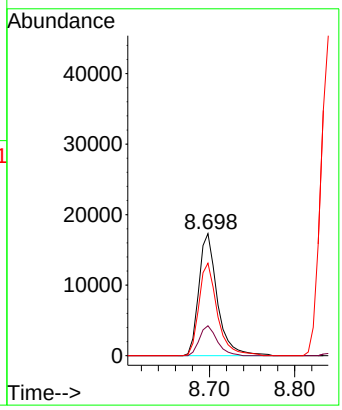


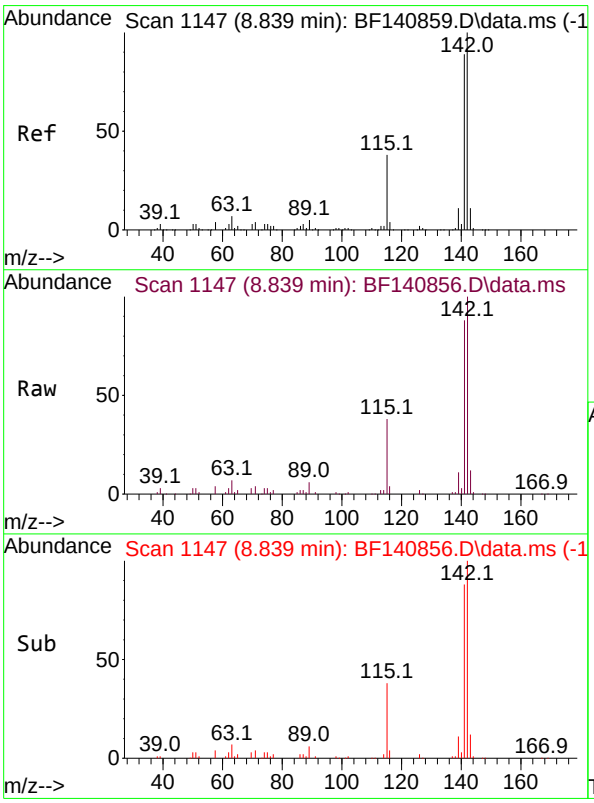
#36
4-Chloro-3-methylphenol
Concen: 4.989 ng
RT: 8.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 26136

Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.4	29.2
142	75.8	60.3	90.5

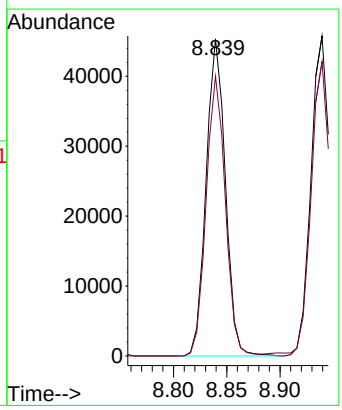


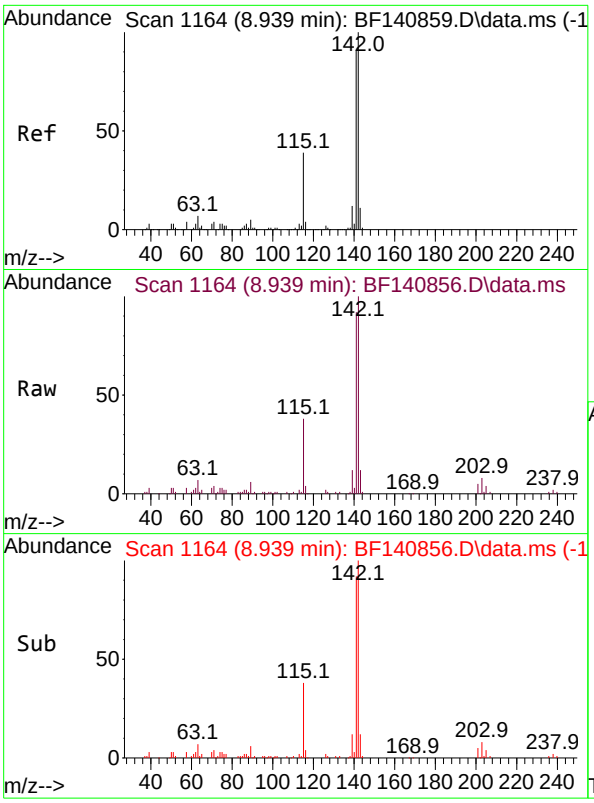


#37
2-Methylnaphthalene
Concen: 5.121 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:142 Resp: 56964

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6



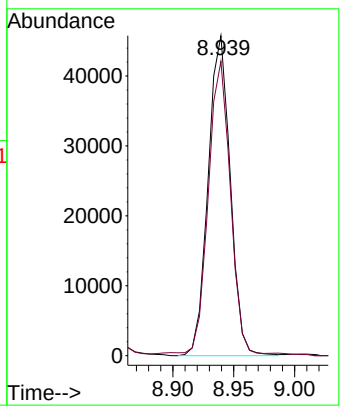


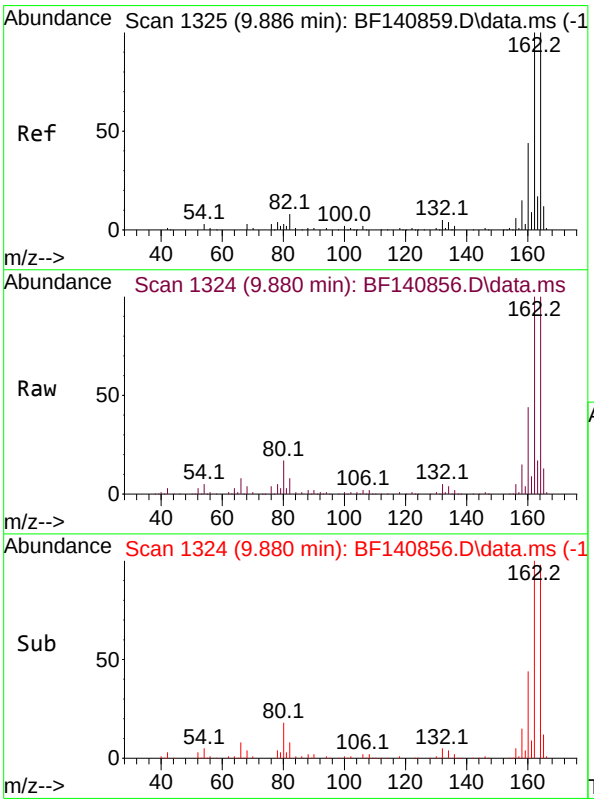
#38
1-Methylnaphthalene
Concen: 5.270 ng
RT: 8.939 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 57978

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.4	110.0

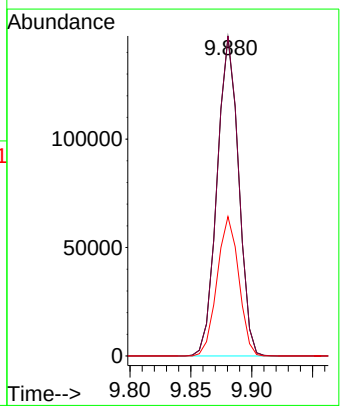


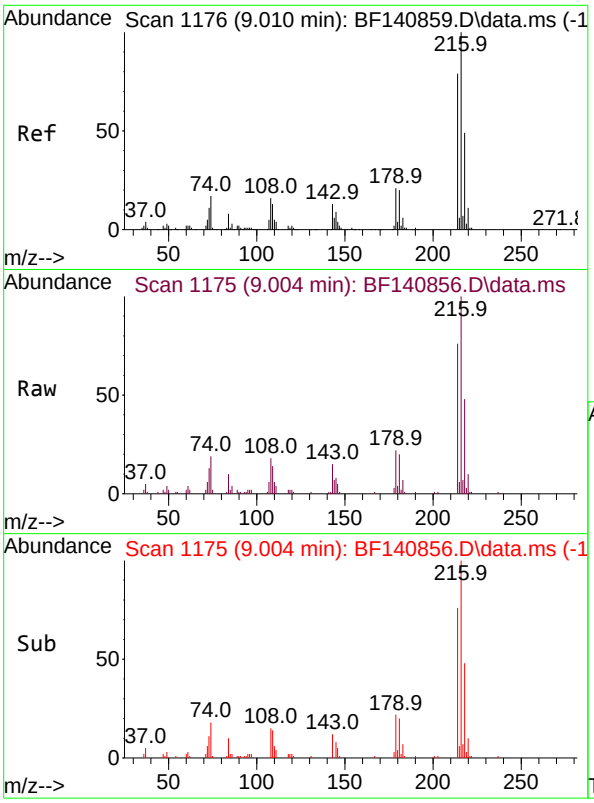


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:164 Resp: 181131

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.9	119.9
160	43.8	35.2	52.8



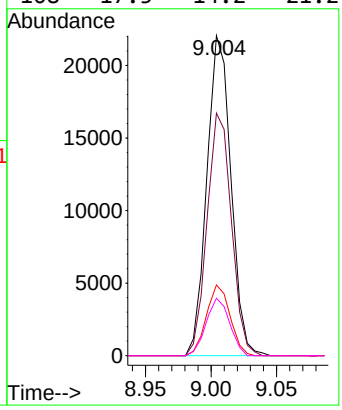


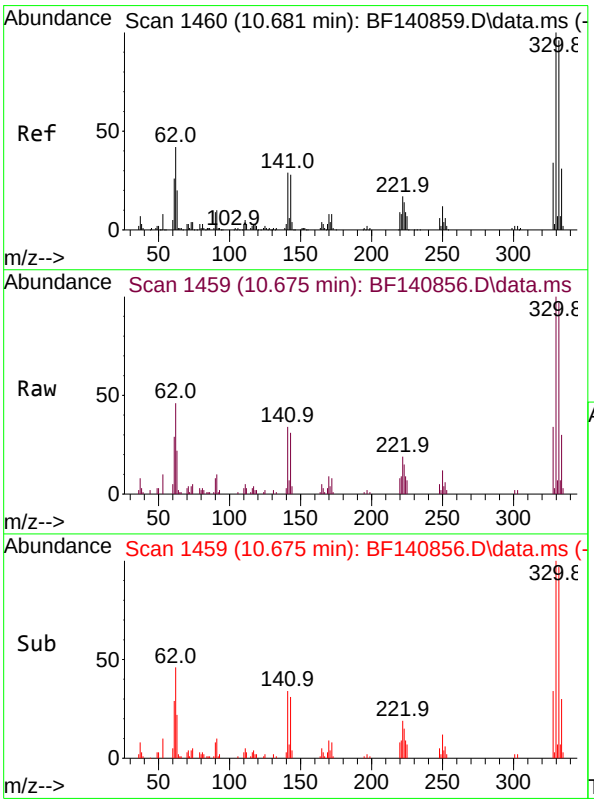
#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.059 ng
RT: 9.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:216 Resp: 28167

Ion	Ratio	Lower	Upper
216	100		
214	76.4	63.6	95.4
179	21.7	17.0	25.4
108	17.5	14.2	21.2

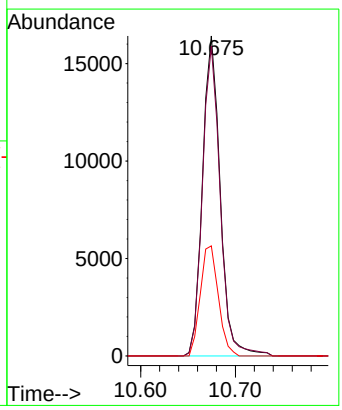


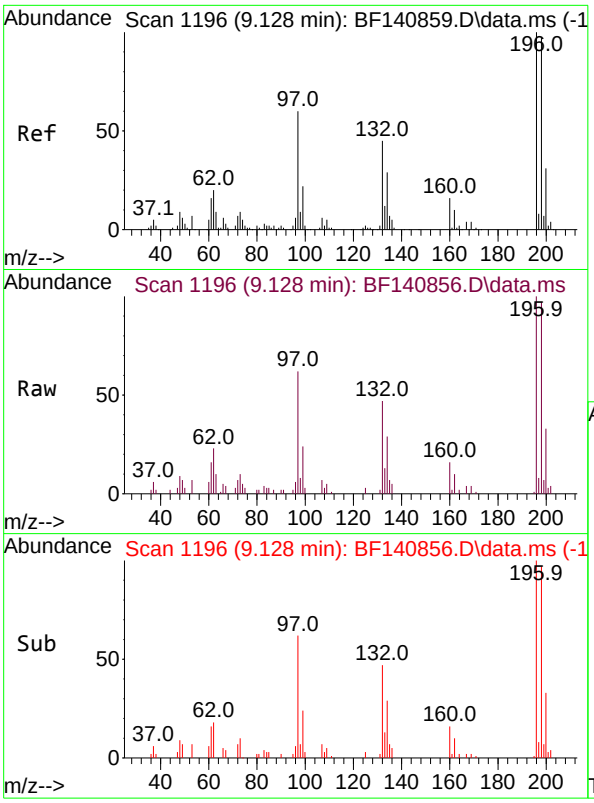


#42
2,4,6-Tribromophenol
Concen: 9.950 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:330 Resp: 21315

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.4
141	35.0	24.9	37.3



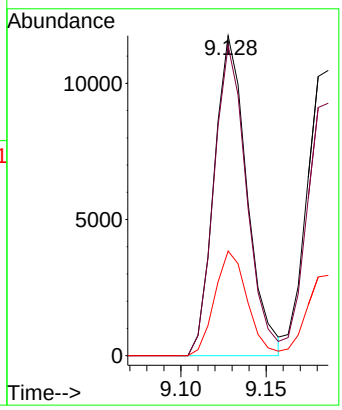


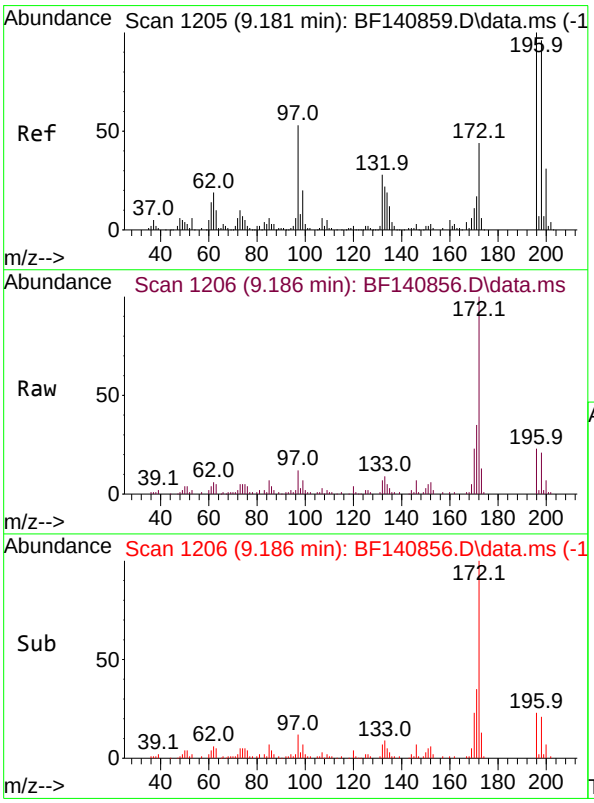
#43
2,4,6-Trichlorophenol
Concen: 4.622 ng
RT: 9.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 15756

Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.4	116.0
200	32.7	24.5	36.7

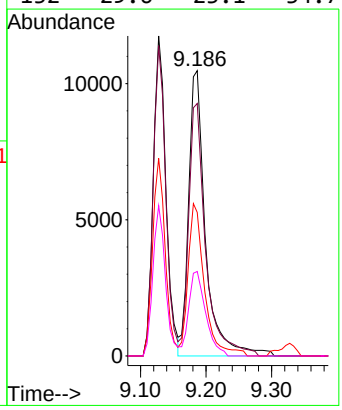


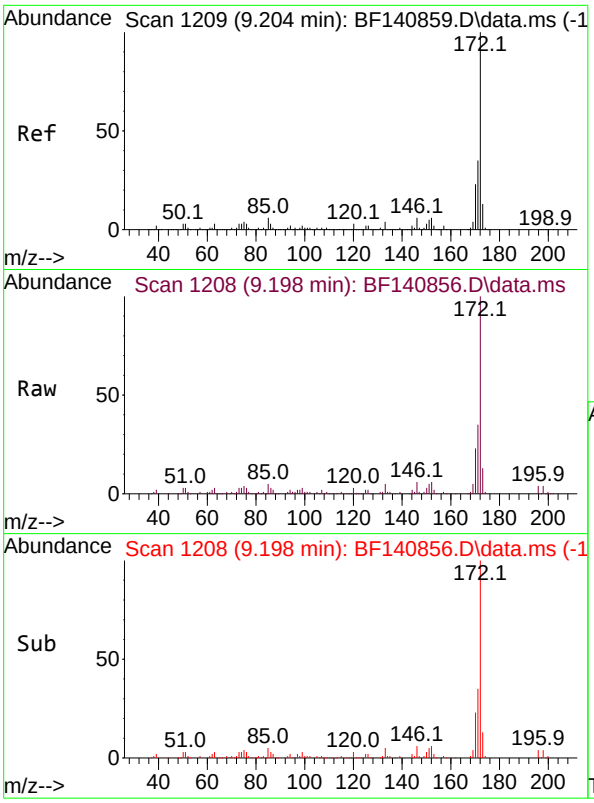


#44
2,4,5-Trichlorophenol
Concen: 4.990 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:196 Resp: 18698

Ion	Ratio	Lower	Upper
196	100		
198	88.5	77.2	115.8
97	50.3	42.2	63.4
132	29.6	23.1	34.7



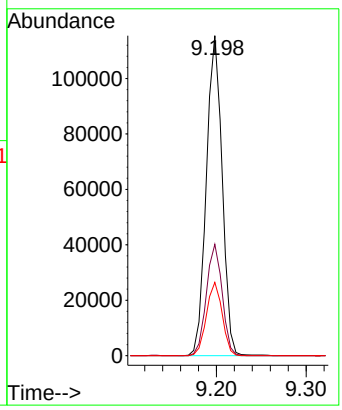


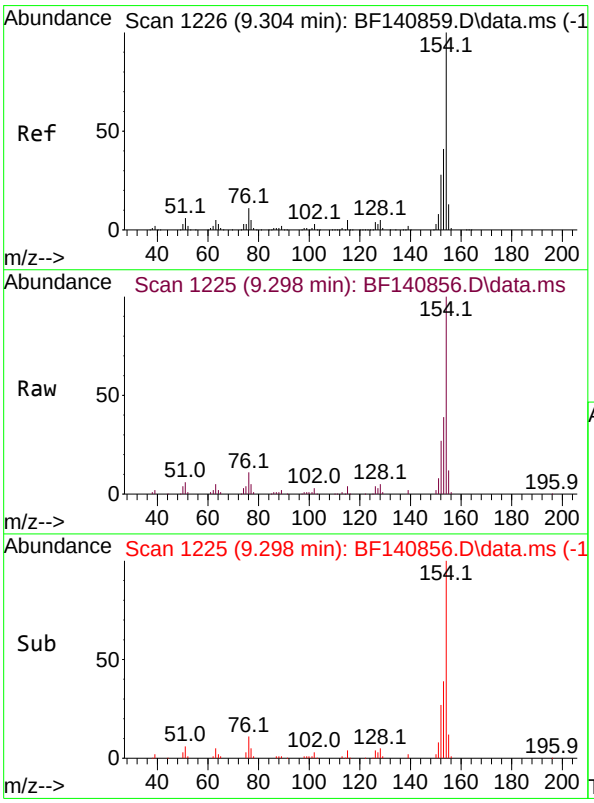
#45
2-Fluorobiphenyl
Concen: 10.726 ng
RT: 9.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 141311

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.4	42.6
170	22.9	18.6	28.0

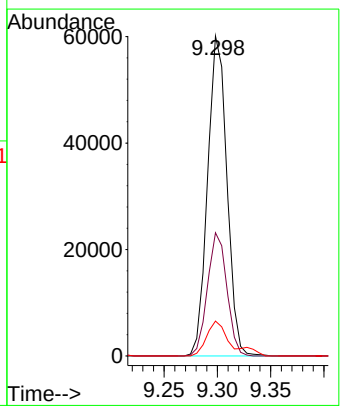


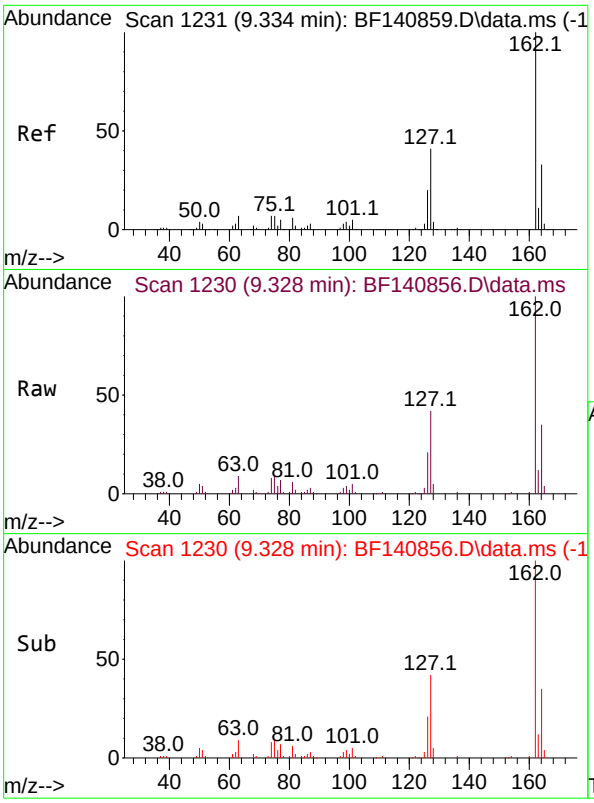


#46
1,1'-Biphenyl
Concen: 5.276 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:154 Resp: 75993

Ion	Ratio	Lower	Upper
154	100		
153	38.5	20.8	60.8
76	10.9	0.0	31.0



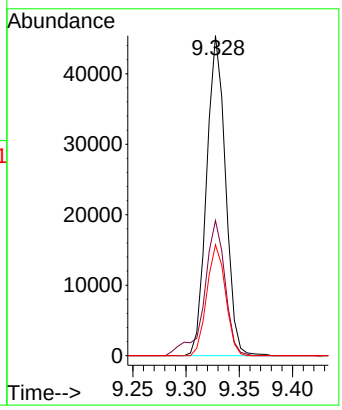


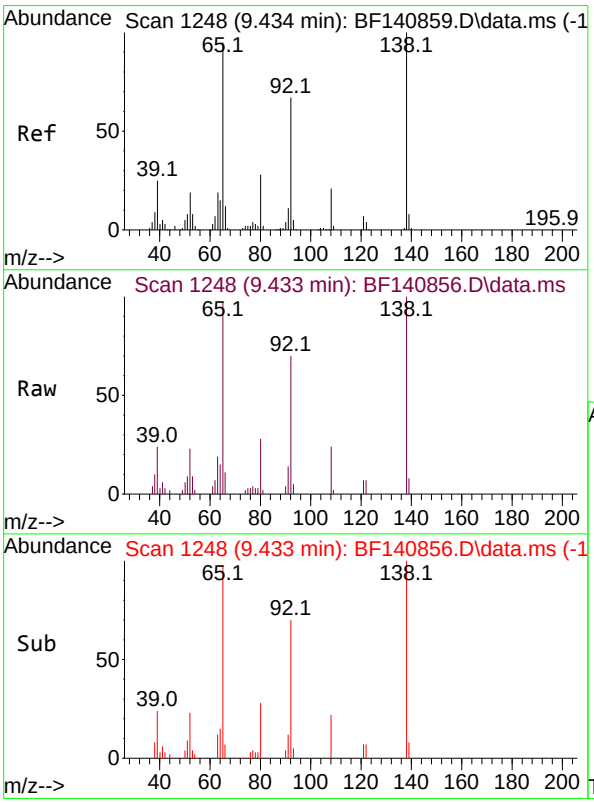
#47
2-Chloronaphthalene
Concen: 5.080 ng
RT: 9.328 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 55976

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.5	50.3
164	34.6	26.2	39.2

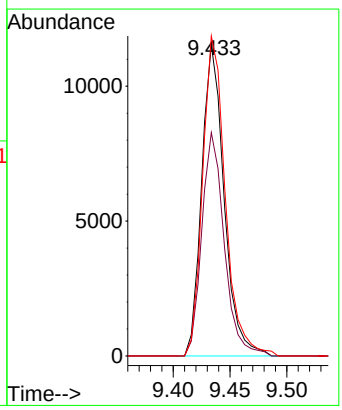


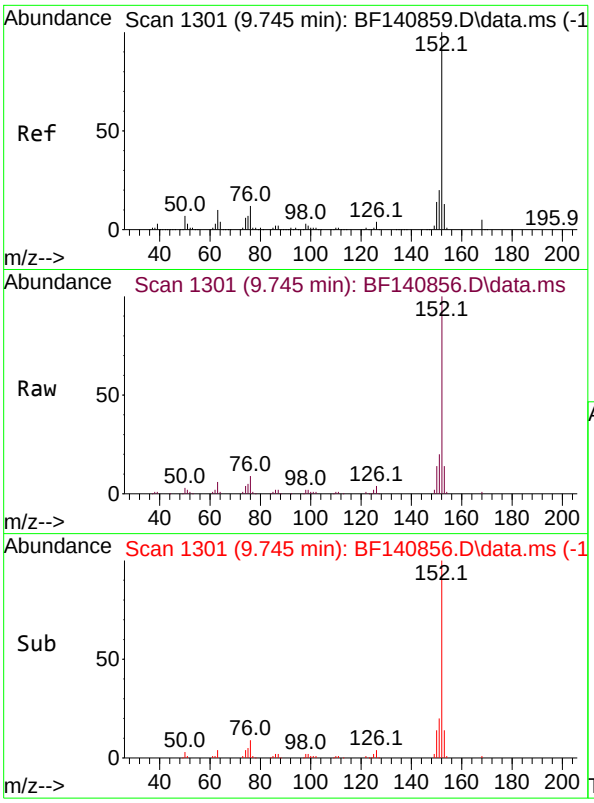


#48
2-Nitroaniline
Concen: 4.757 ng
RT: 9.433 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion: 65 Resp: 15829

Ion	Ratio	Lower	Upper
65	100		
92	71.7	56.3	84.5
138	102.8	83.8	125.6



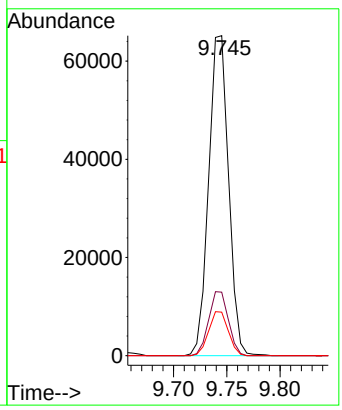


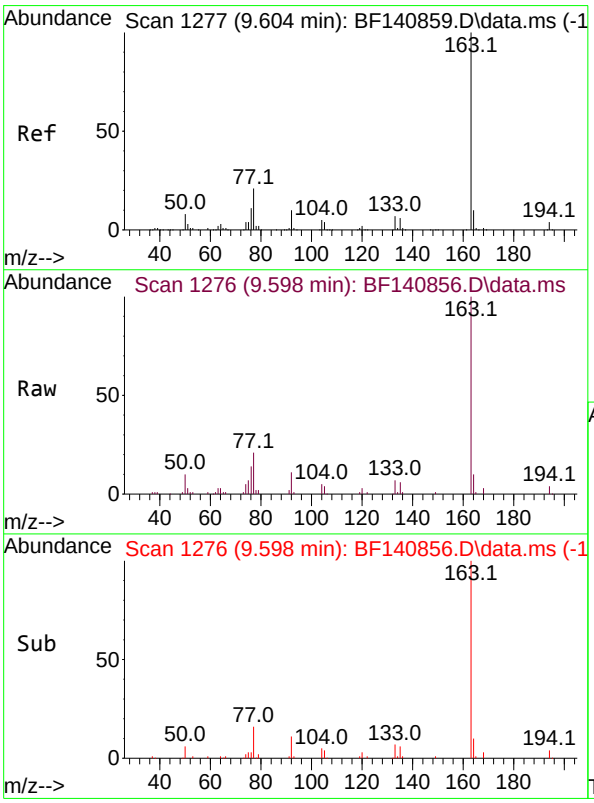
#49
Acenaphthylene
Concen: 5.241 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 84871

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.6	10.6	16.0

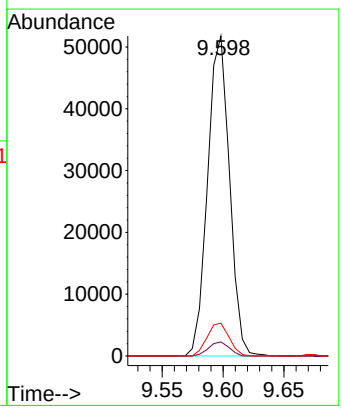


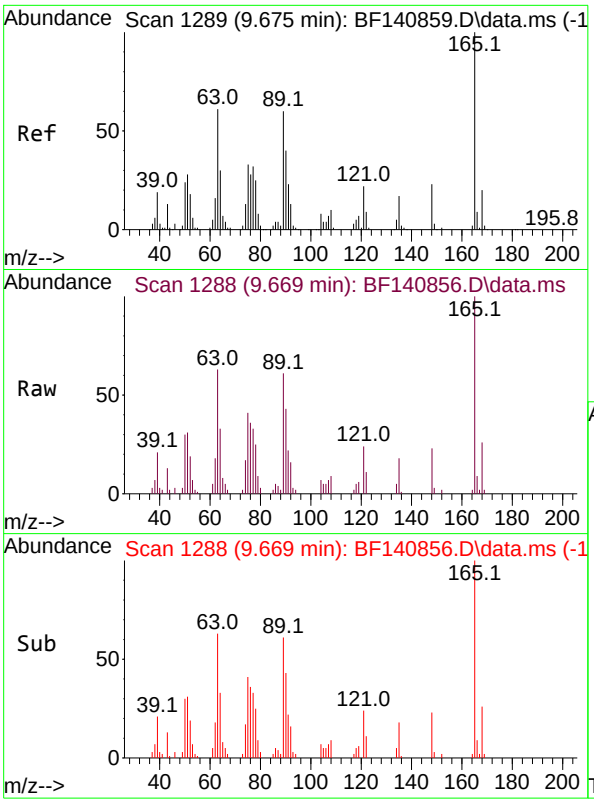


#50
Dimethylphthalate
Concen: 5.075 ng
RT: 9.598 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:163 Resp: 64810

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	10.3	8.1	12.1



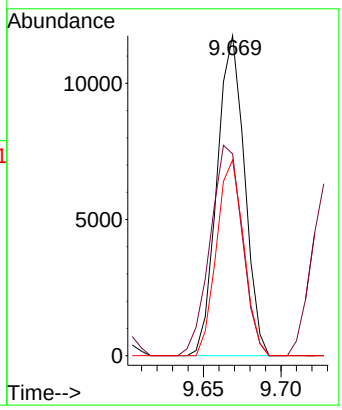


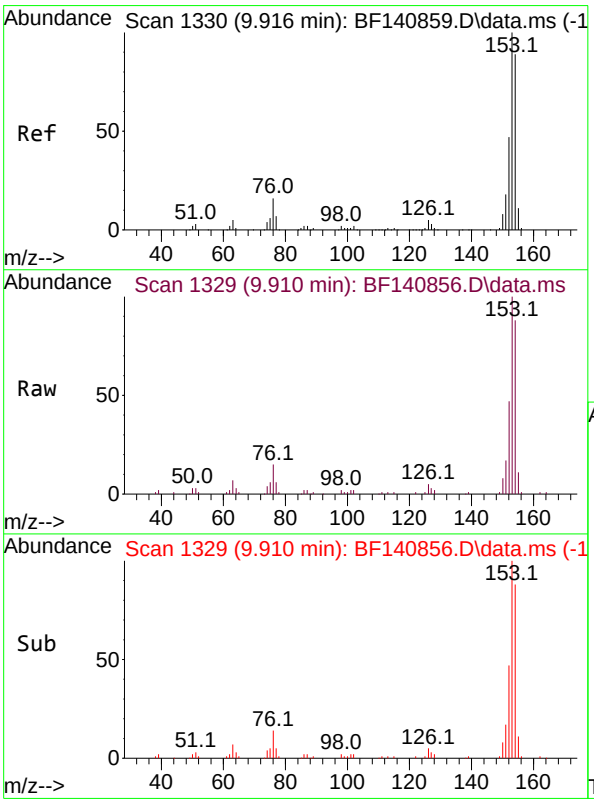
#51
2,6-Dinitrotoluene
Concen: 4.969 ng
RT: 9.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 14507

Ion	Ratio	Lower	Upper
165	100		
63	63.1	49.7	74.5
89	61.2	48.2	72.4

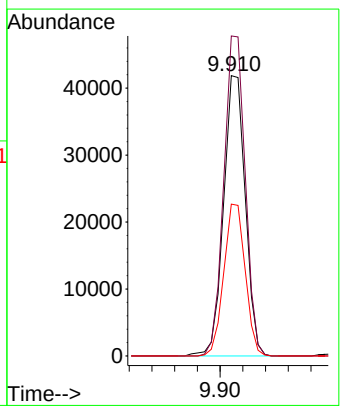


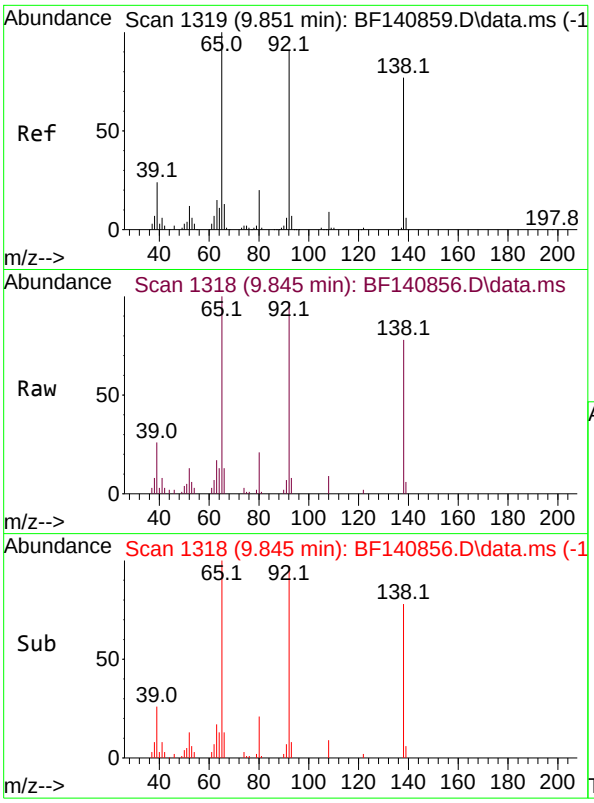


#52
Acenaphthene
Concen: 5.378 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:154 Resp: 55626

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.9	134.9
152	54.2	42.6	63.8



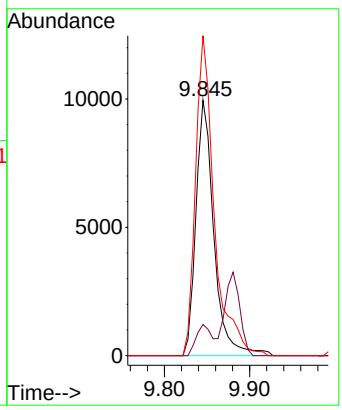


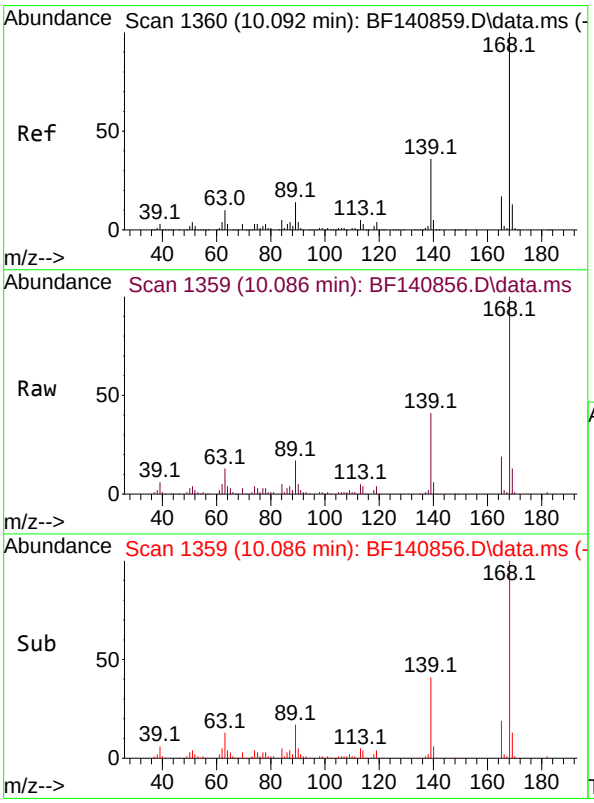
#53
3-Nitroaniline
Concen: 5.034 ng
RT: 9.845 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 14583

Ion	Ratio	Lower	Upper
138	100		
108	12.2	9.0	13.4
92	125.3	95.5	143.3

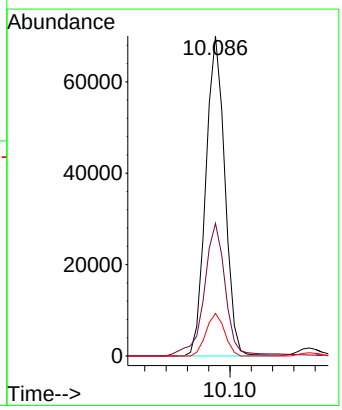


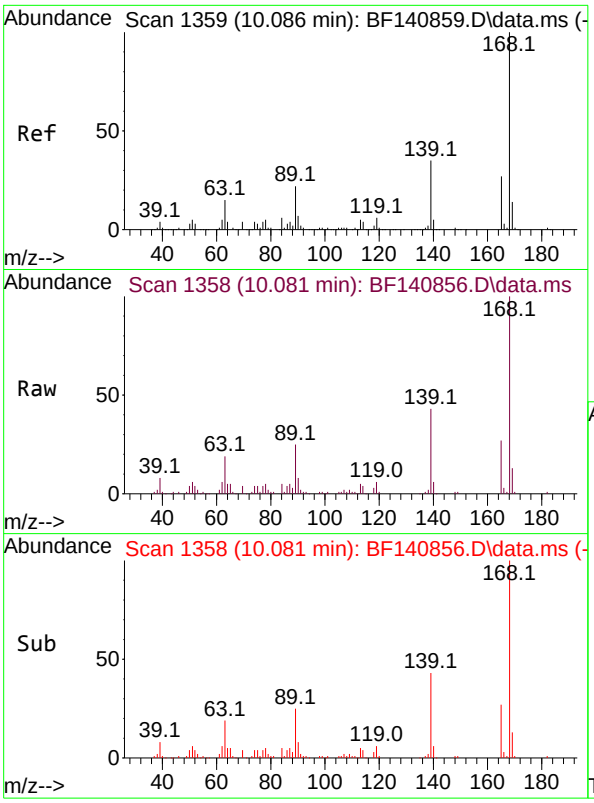


#55
Dibenzofuran
Concen: 5.426 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:168 Resp: 86963

Ion	Ratio	Lower	Upper
168	100		
139	41.5	31.1	46.7
169	13.3	10.6	16.0



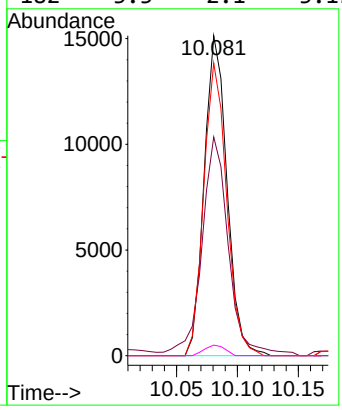


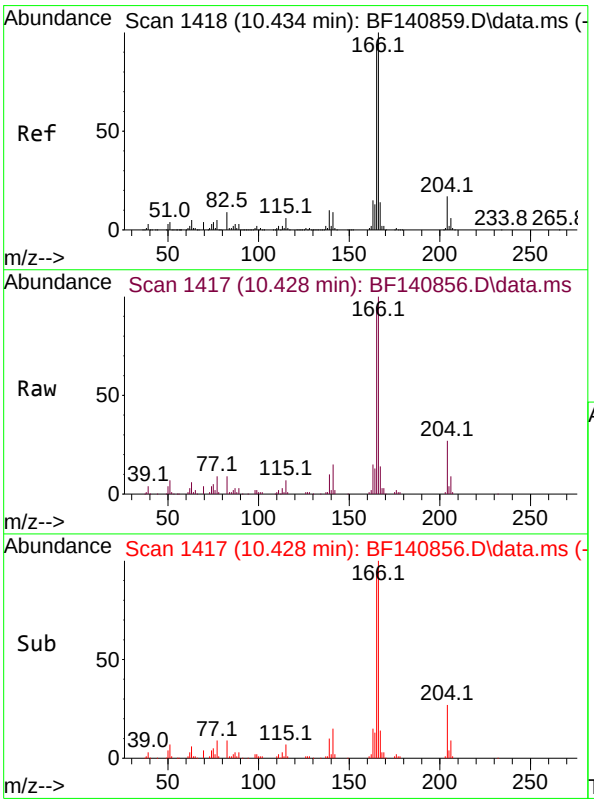
#57
2,4-Dinitrotoluene
Concen: 5.129 ng
RT: 10.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 19701

Ion	Ratio	Lower	Upper
165	100		
63	68.4	49.3	73.9
89	91.4	66.2	99.4
182	3.3	2.1	3.1#

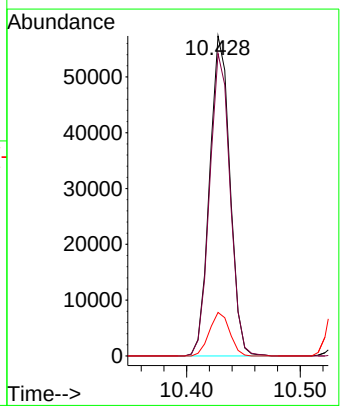


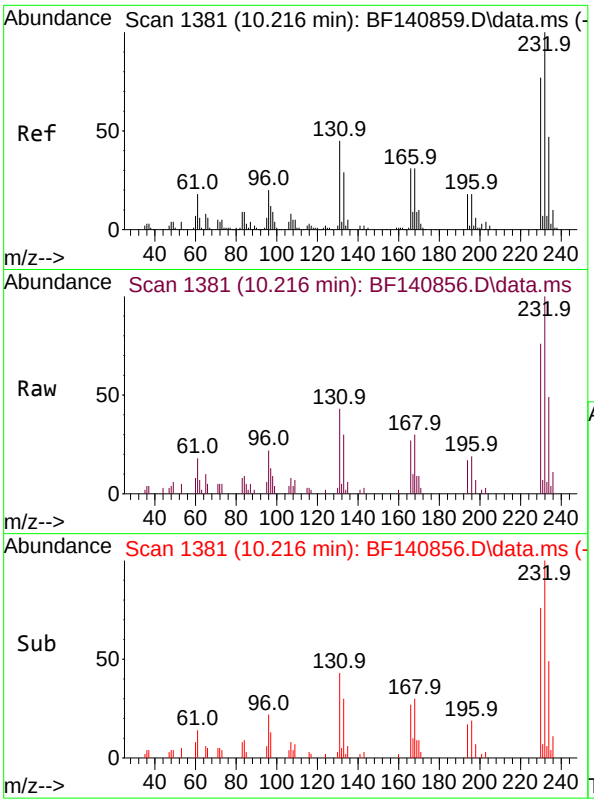


#58
Fluorene
Concen: 5.388 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:166 Resp: 71243

Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.1	112.7
167	13.6	11.1	16.7



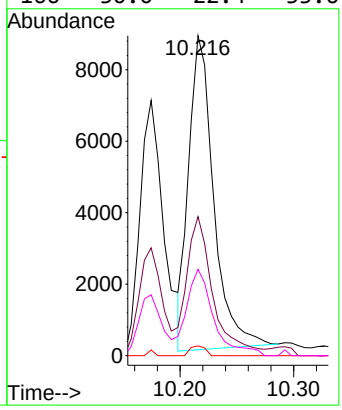


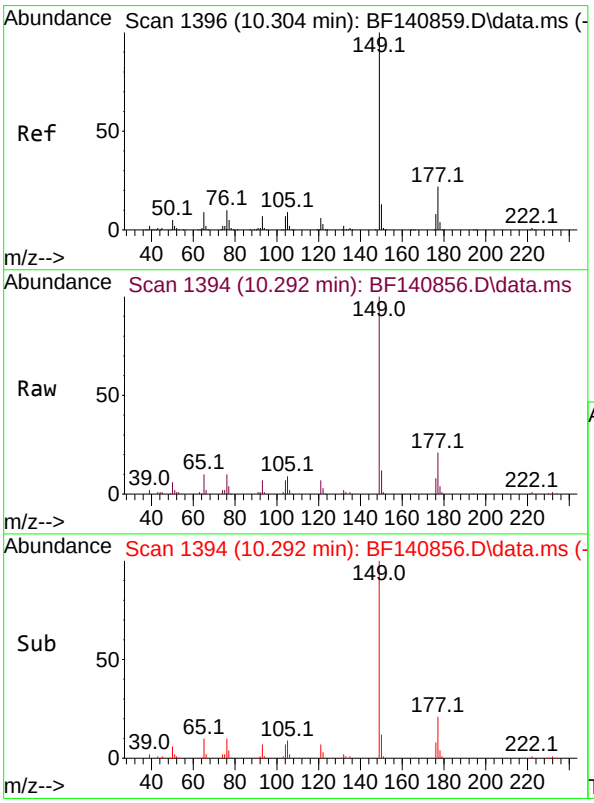
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.400 ng
RT: 10.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 13434

Ion	Ratio	Lower	Upper
232	100		
131	47.8	35.1	52.7
130	1.9	1.8	2.8
166	30.0	22.4	33.6

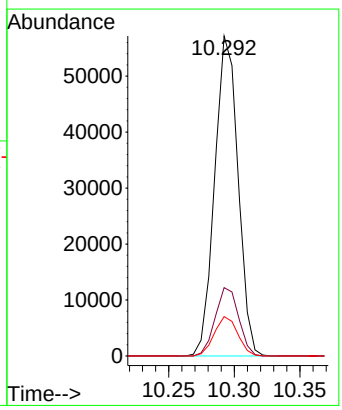


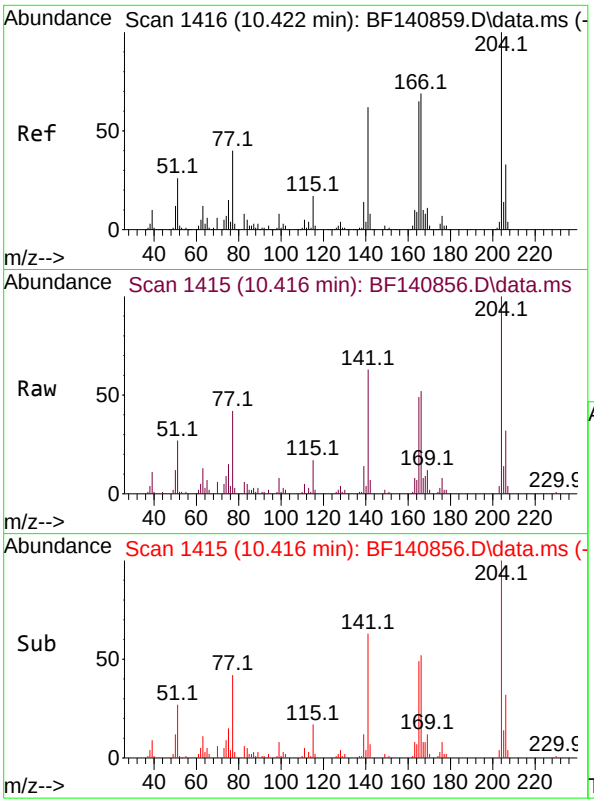


#60
Diethylphthalate
Concen: 5.341 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.012 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:149 Resp: 70725

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.2	25.8
150	12.3	10.1	15.1



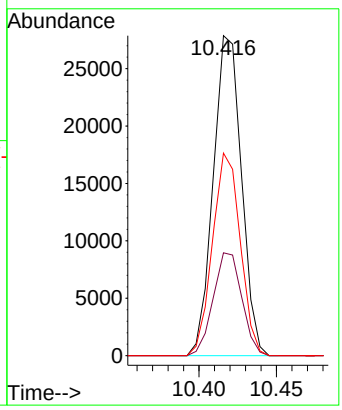


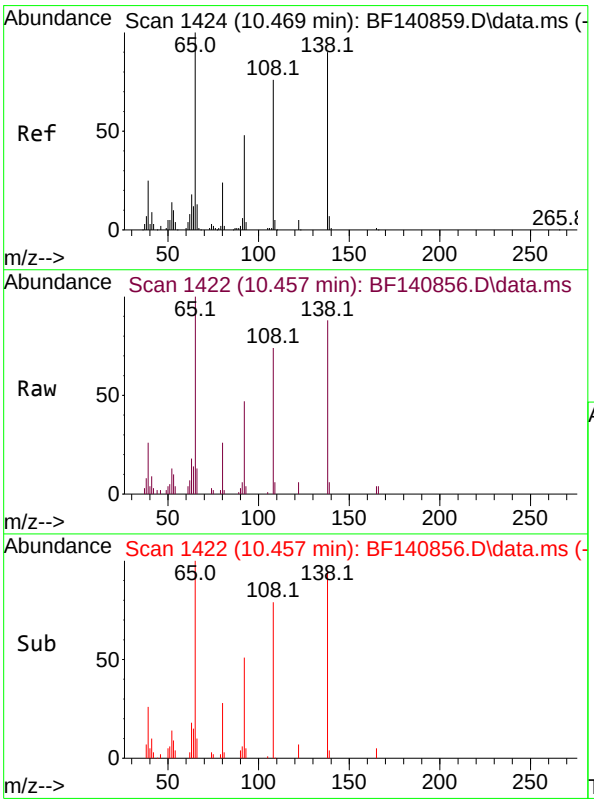
#61
4-Chlorophenyl-phenylether
Concen: 5.315 ng
RT: 10.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 35304

Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	63.3	50.0	75.0

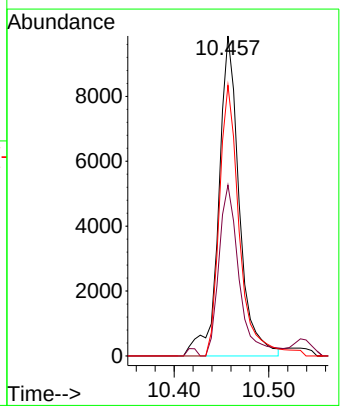


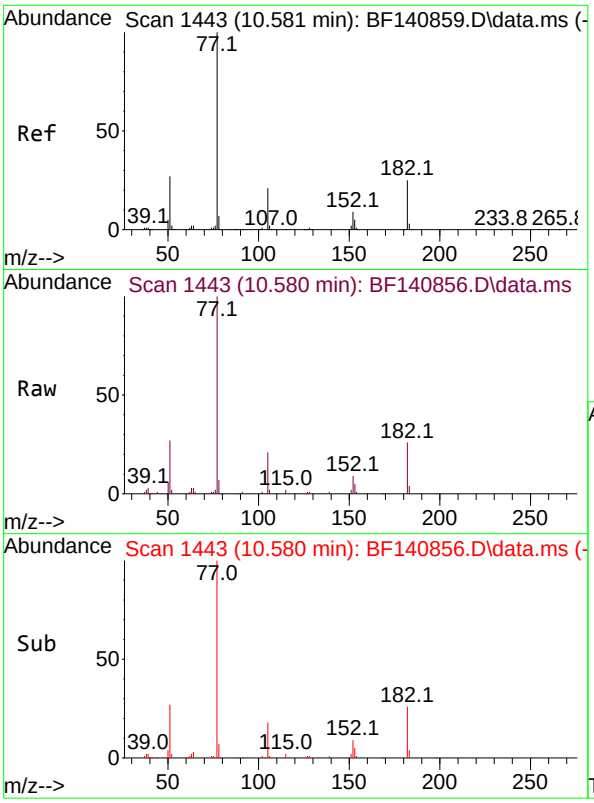


#62
4-Nitroaniline
Concen: 4.916 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:138 Resp: 14883

Ion	Ratio	Lower	Upper
138	100		
92	53.4	32.6	72.6
108	84.6	64.1	104.1



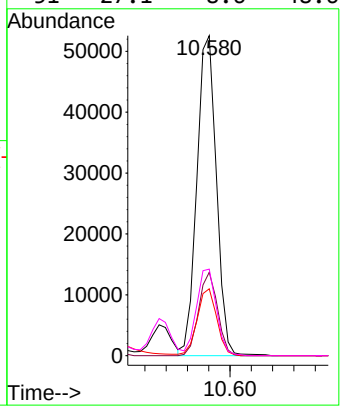


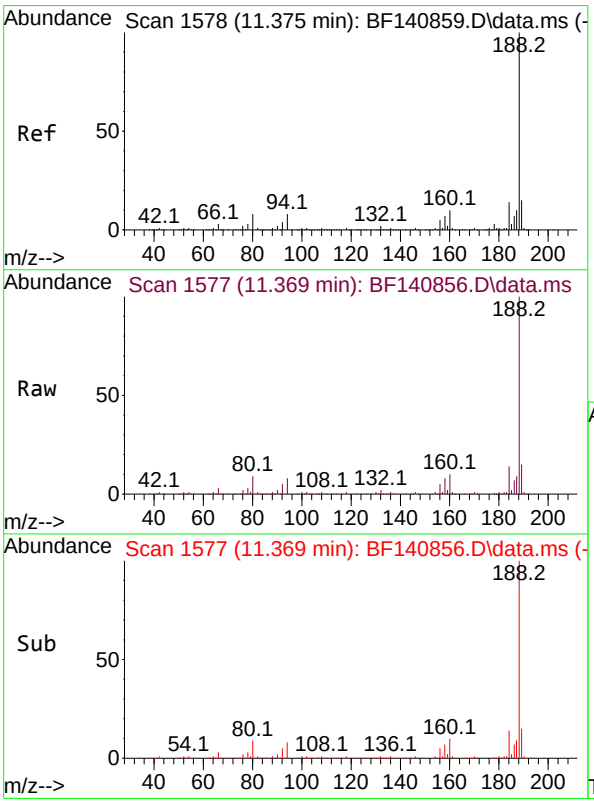
#63
Azobenzene
Concen: 5.391 ng
RT: 10.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 67111

Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.5	44.5
105	20.9	0.9	40.9
51	27.1	8.6	48.6

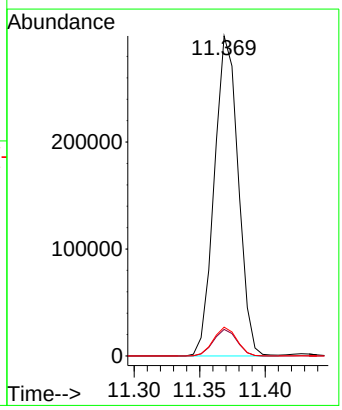


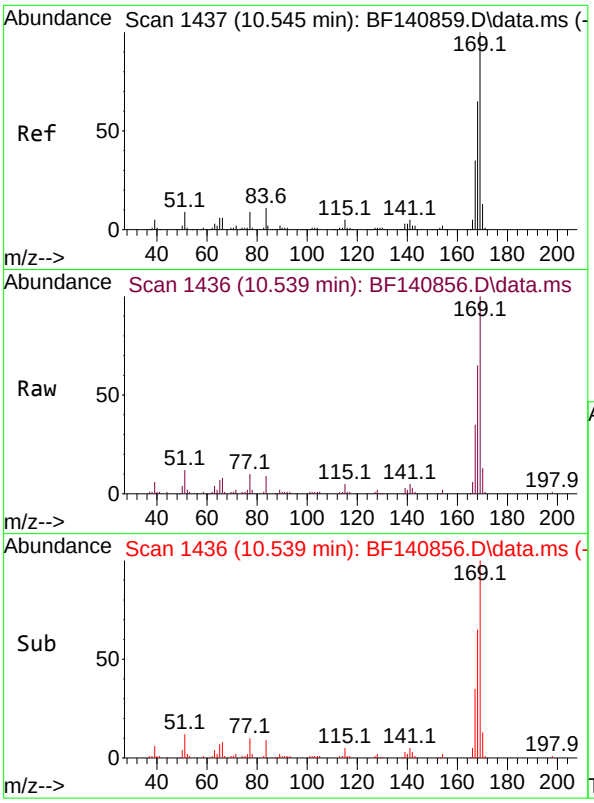


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:188 Resp: 379227

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.4	9.6
80	9.0	6.8	10.2



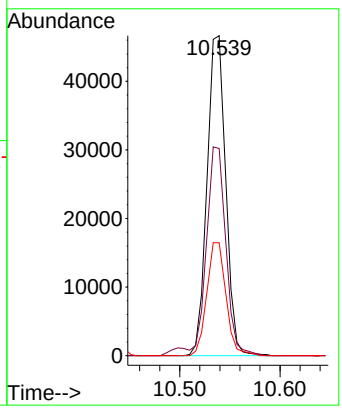


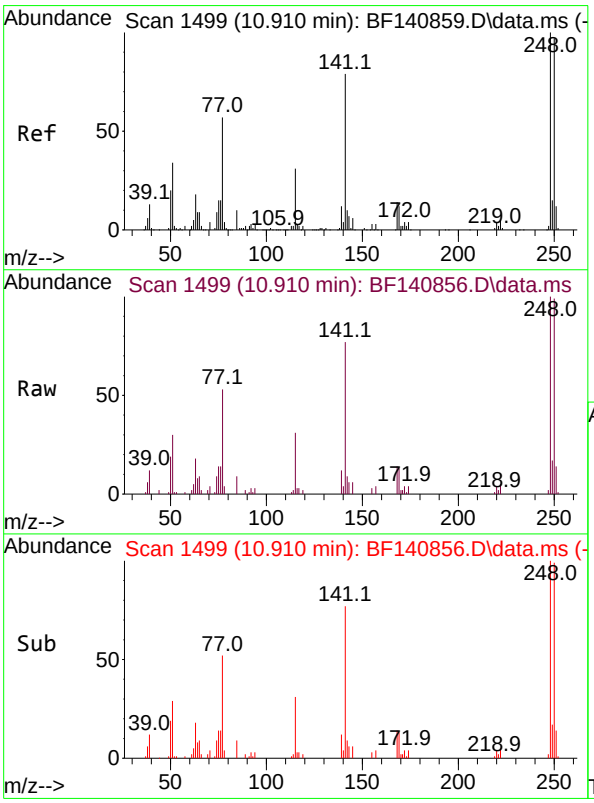
#66
n-Nitrosodiphenylamine
Concen: 5.196 ng
RT: 10.539 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:169 Resp: 60581

Ion	Ratio	Lower	Upper
169	100		
168	64.7	53.4	80.0
167	35.3	28.3	42.5

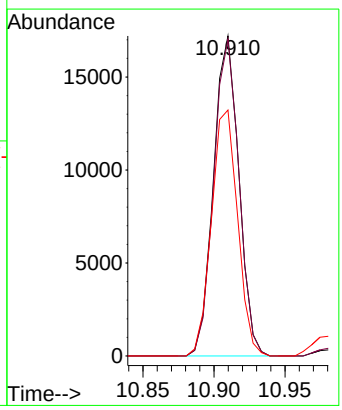


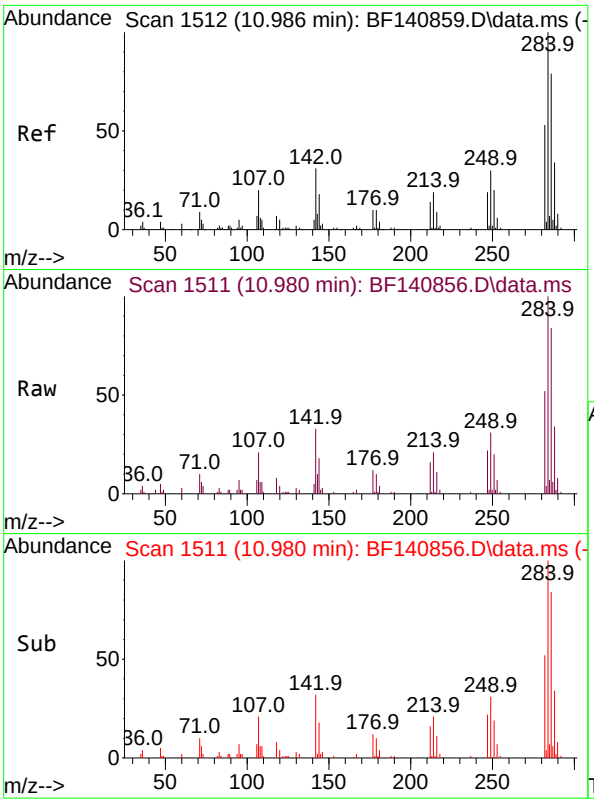


#67
4-Bromophenyl-phenylether
Concen: 5.028 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:248 Resp: 21332

Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.4	116.2
141	76.9	62.9	94.3



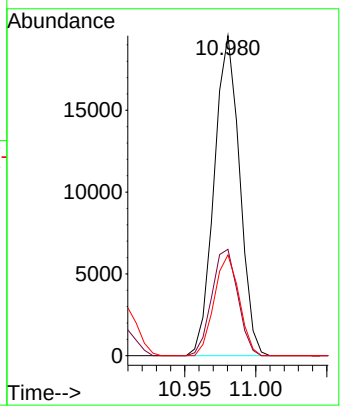


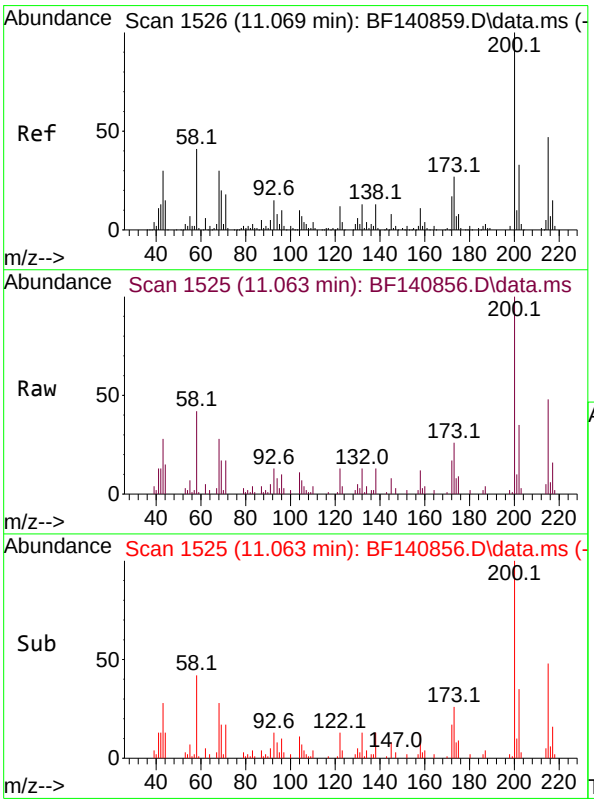
#68
Hexachlorobenzene
Concen: 5.066 ng
RT: 10.980 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 24367

Ion	Ratio	Lower	Upper
284	100		
142	33.3	24.6	36.8
249	31.5	24.3	36.5

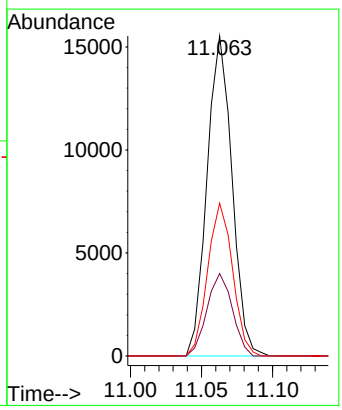


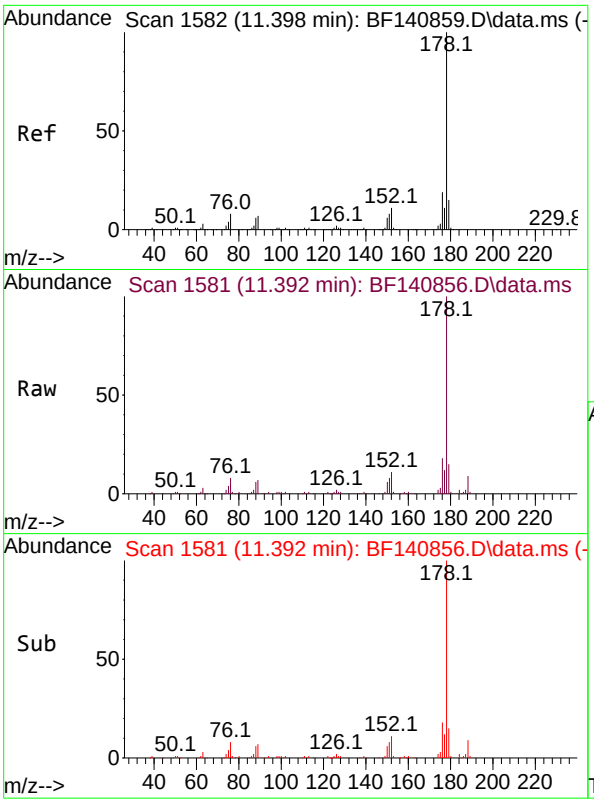


#69
Atrazine
Concen: 5.817 ng
RT: 11.063 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:200 Resp: 18943

Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.6	46.6
215	47.7	26.7	66.7



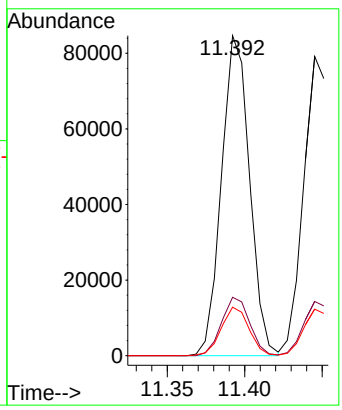


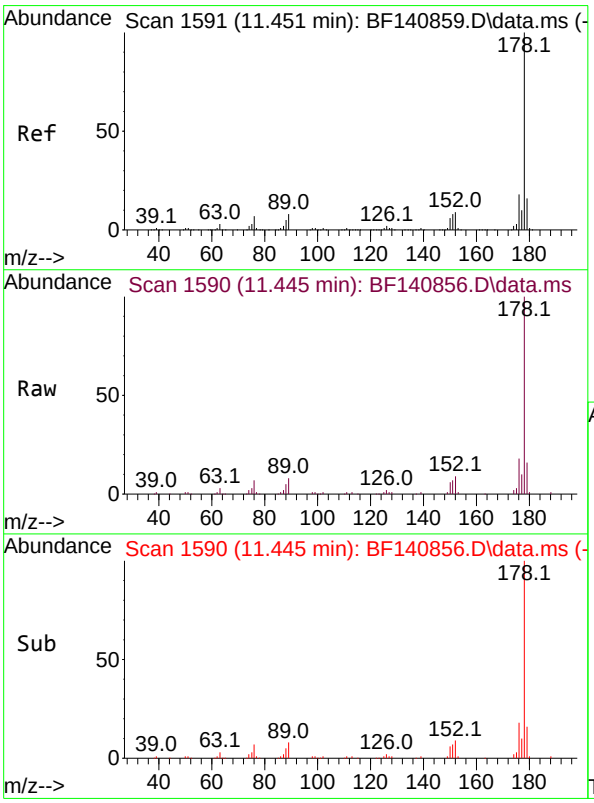
#71
Phenanthrene
Concen: 5.470 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 106671

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.1	12.1	18.1

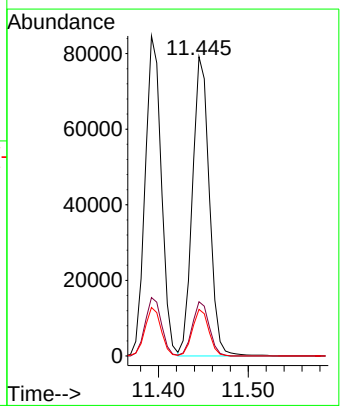


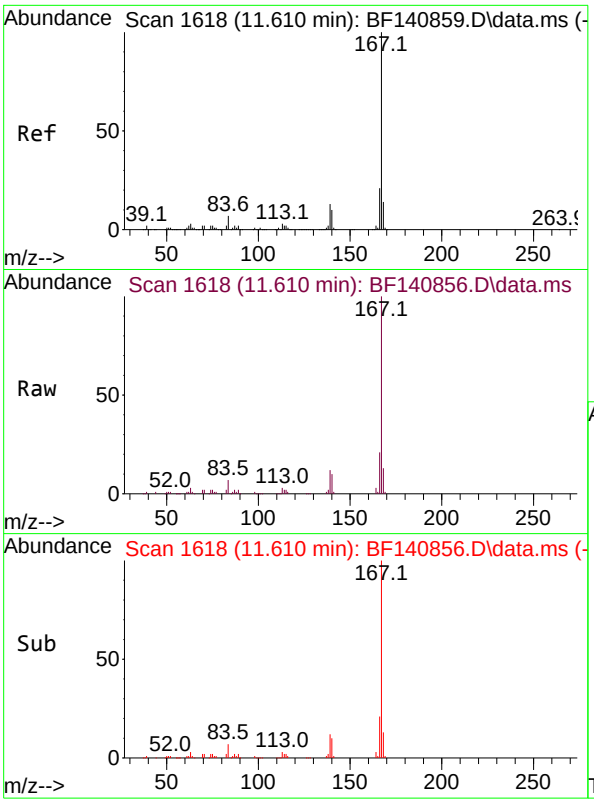


#72
Anthracene
Concen: 5.385 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:178 Resp: 103428

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.6	12.6	18.8



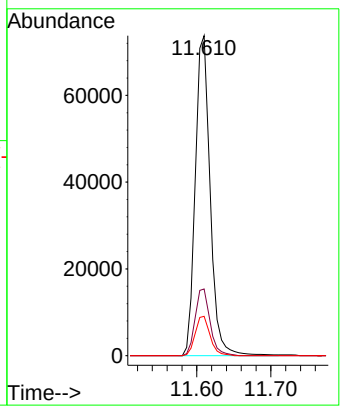


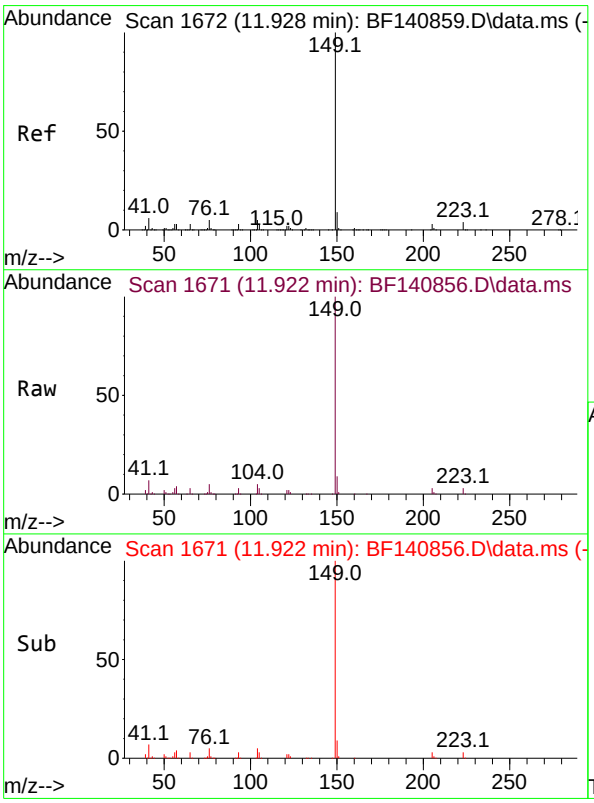
#73
Carbazole
Concen: 5.473 ng
RT: 11.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:167 Resp: 102961

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.6
139	12.3	10.2	15.2

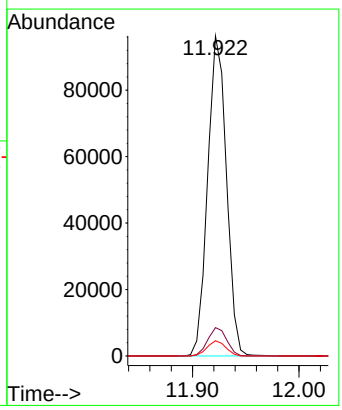


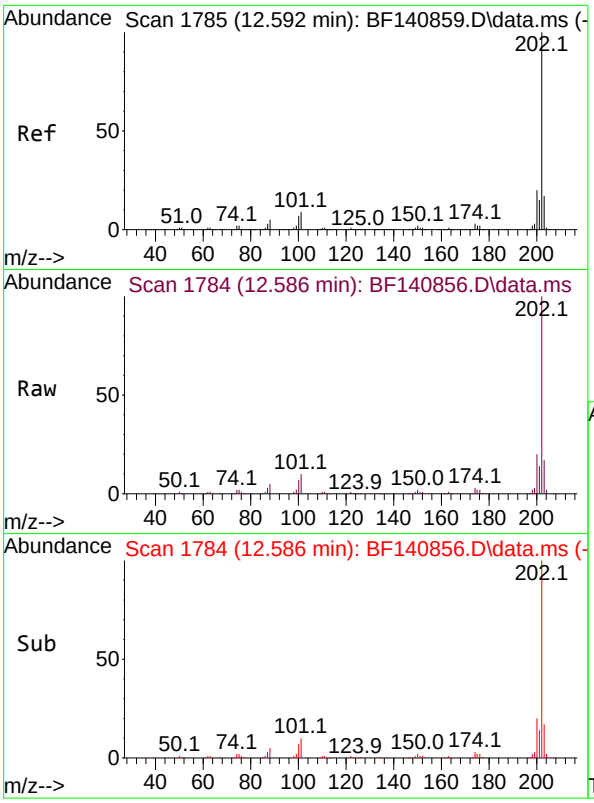


#74
Di-n-butylphthalate
Concen: 5.347 ng
RT: 11.922 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:149 Resp: 118050

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	4.7	3.8	5.8



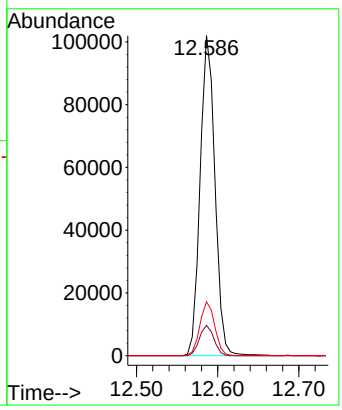


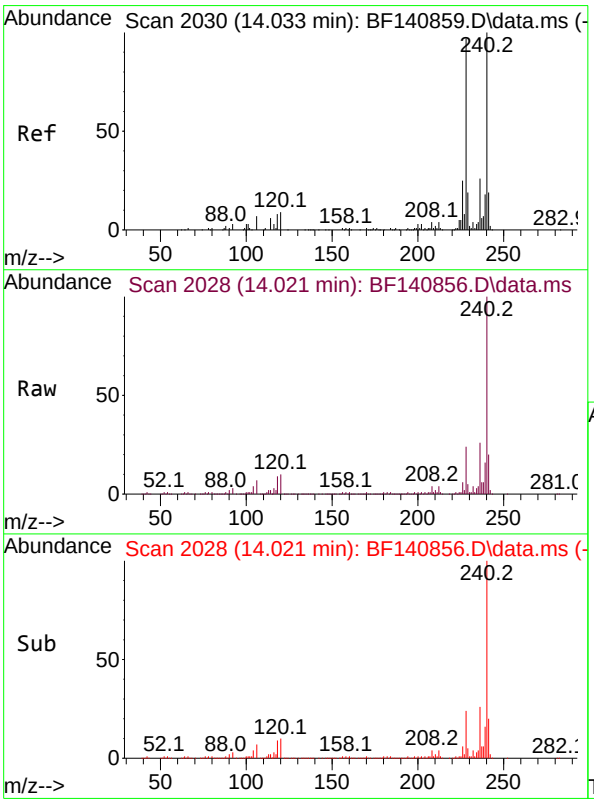
#75
Fluoranthene
Concen: 5.758 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 129330

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.3
203	16.9	0.0	37.4

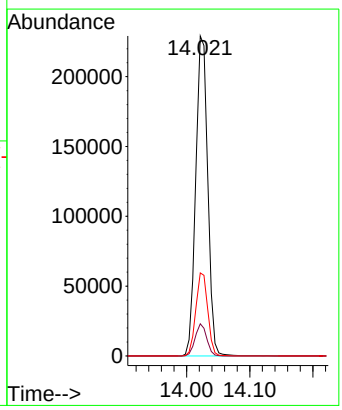


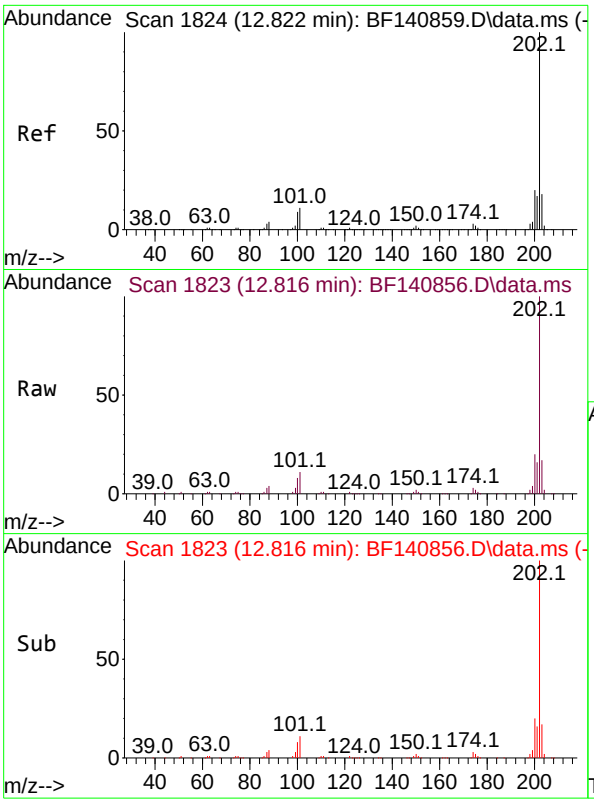


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:240 Resp: 302472

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.6	11.4
236	26.0	20.5	30.7



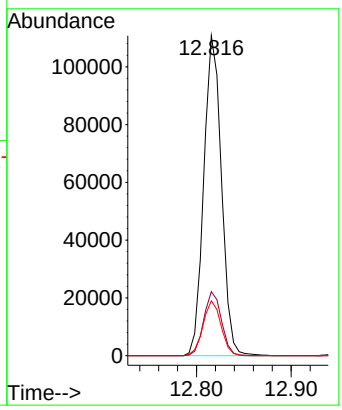


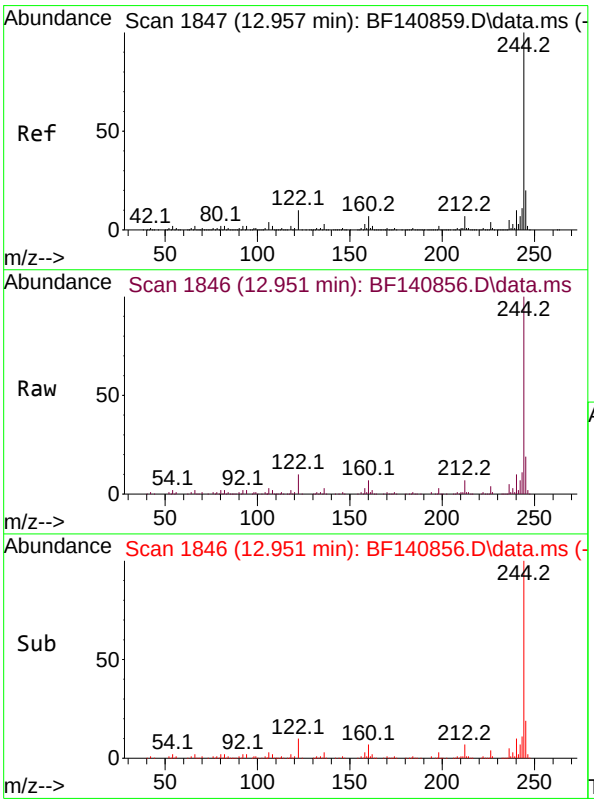
#78
Pyrene
Concen: 5.352 ng
RT: 12.816 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 143947

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.1	14.2	21.4

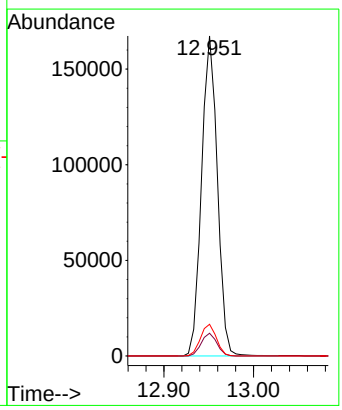


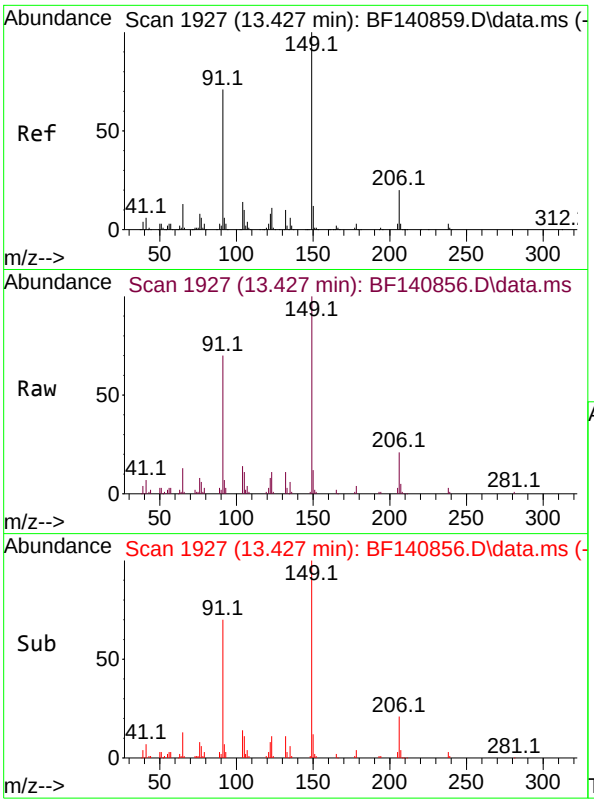


#79
Terphenyl-d14
Concen: 10.673 ng
RT: 12.951 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:244 Resp: 204731

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	9.9	8.2	12.2



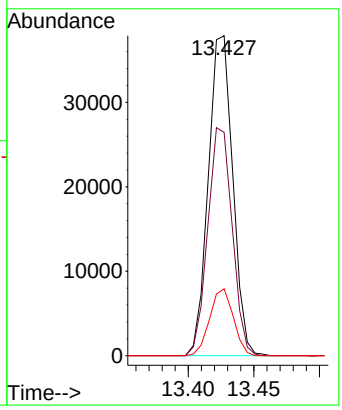


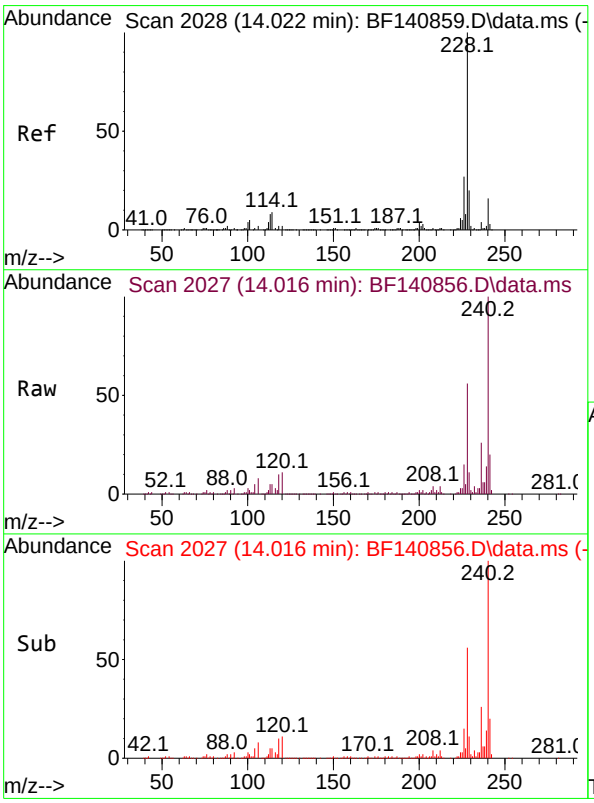
#80
Butylbenzylphthalate
Concen: 4.965 ng
RT: 13.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 49136

Ion	Ratio	Lower	Upper
149	100		
91	69.8	56.7	85.1
206	20.9	16.4	24.6

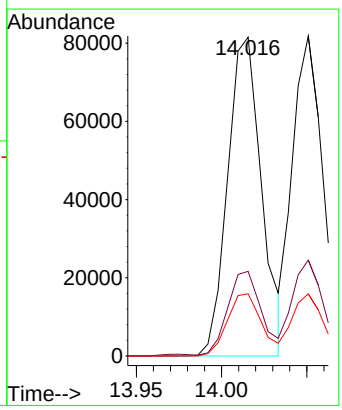


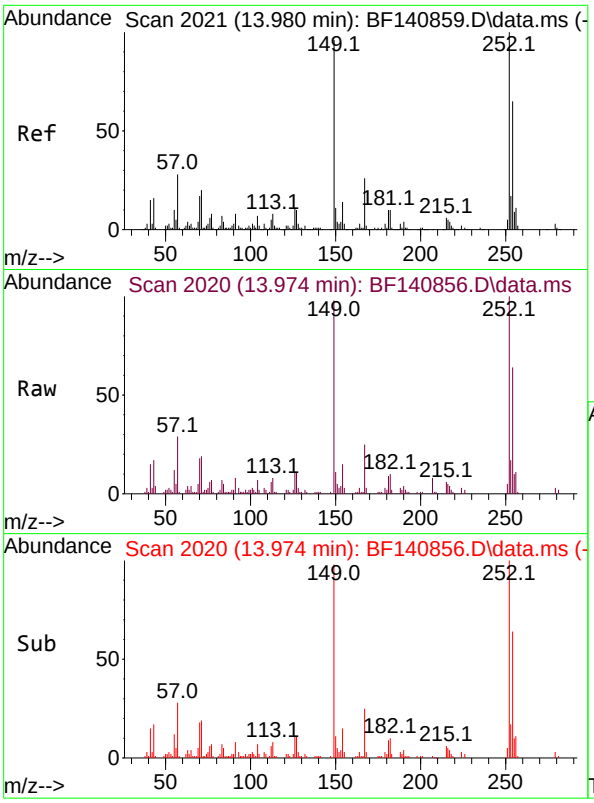


#81
Benzo(a)anthracene
Concen: 5.270 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:228 Resp: 112964

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.8	32.8
229	19.5	15.8	23.8



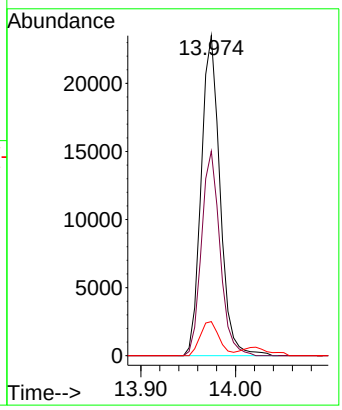


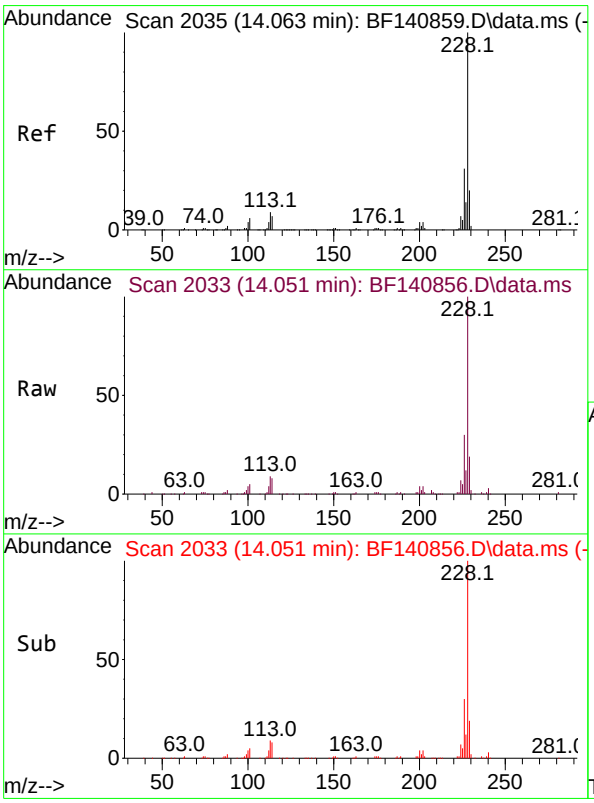
#82
3,3'-Dichlorobenzidine
Concen: 5.010 ng
RT: 13.974 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 32405

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.3	78.5
126	10.7	8.4	12.6

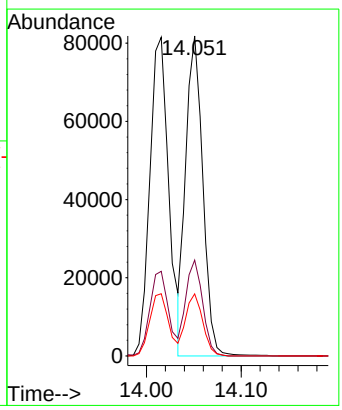


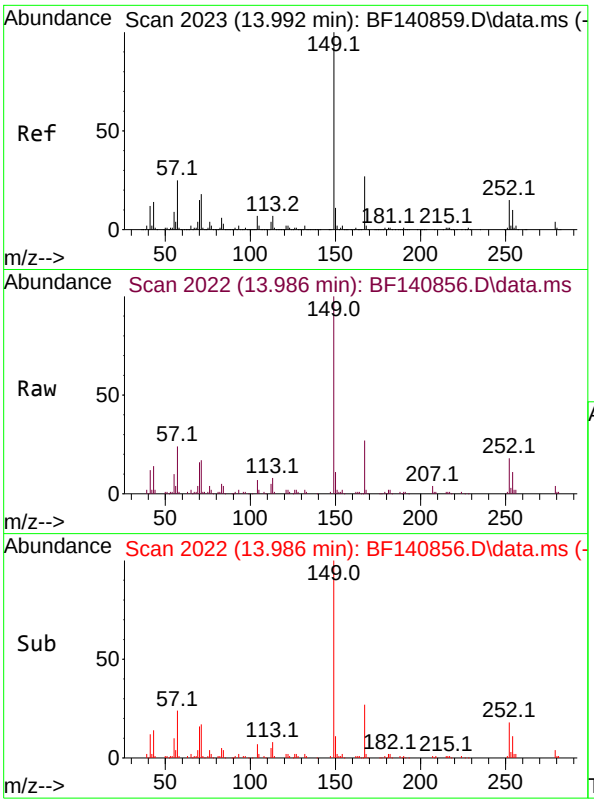


#83
Chrysene
Concen: 5.280 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:228 Resp: 102933

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.4	16.0	24.0



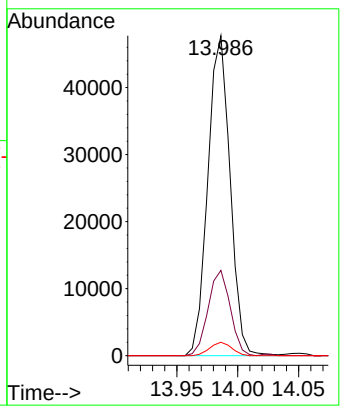


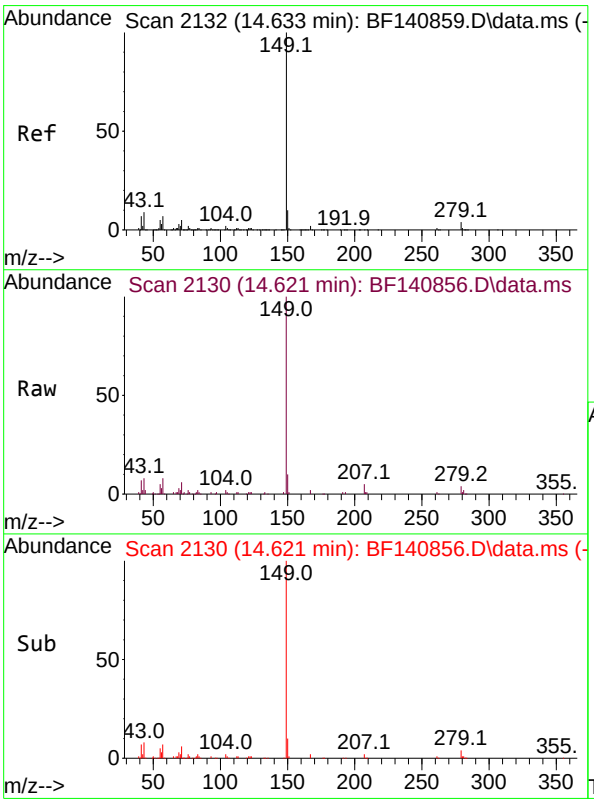
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.764 ng
RT: 13.986 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 60799

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.8	32.8
279	4.2	3.5	5.3

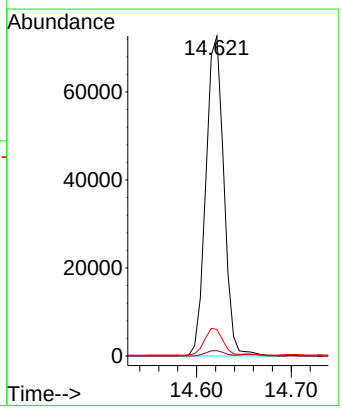


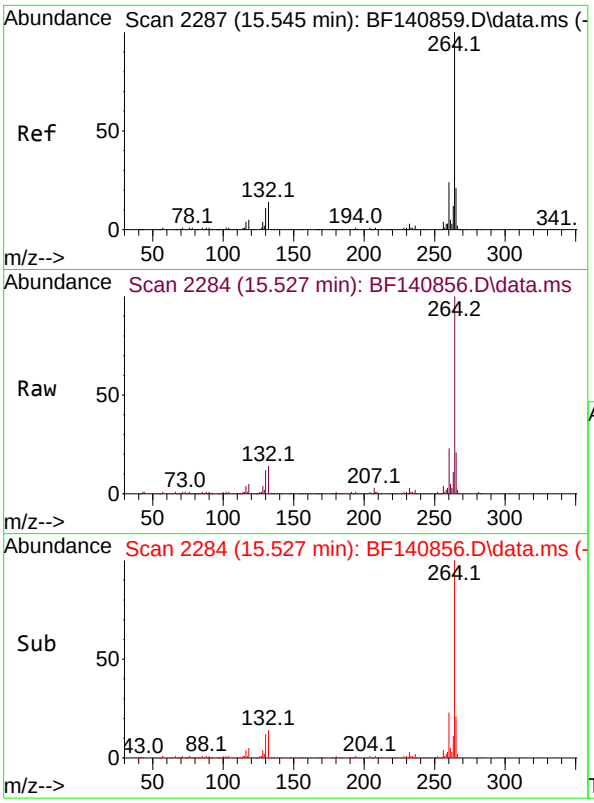


#85
Di-n-octyl phthalate
Concen: 4.964 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:149 Resp: 95835

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	7.0	10.6



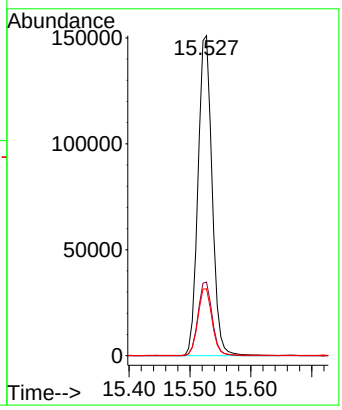


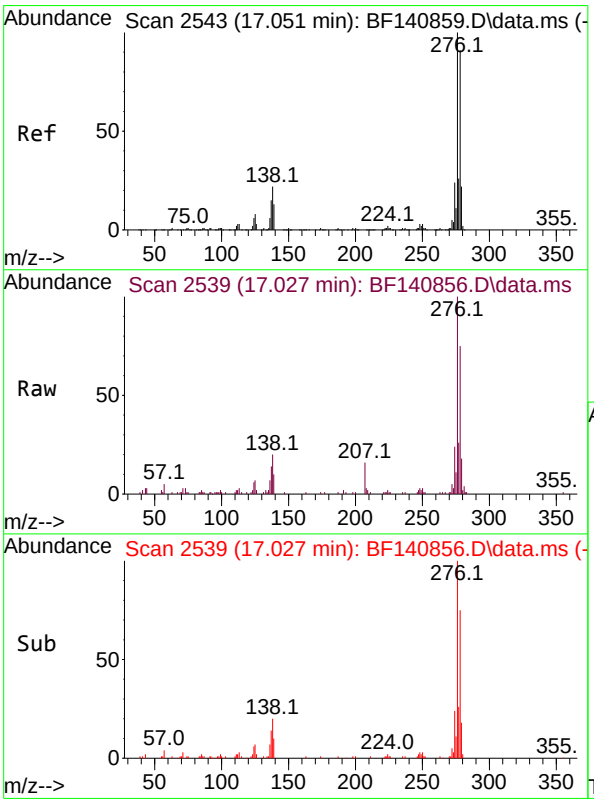
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 241868

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	20.9	17.0	25.4

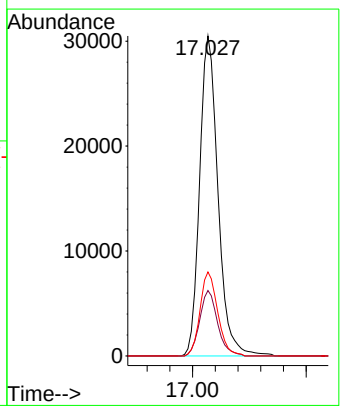


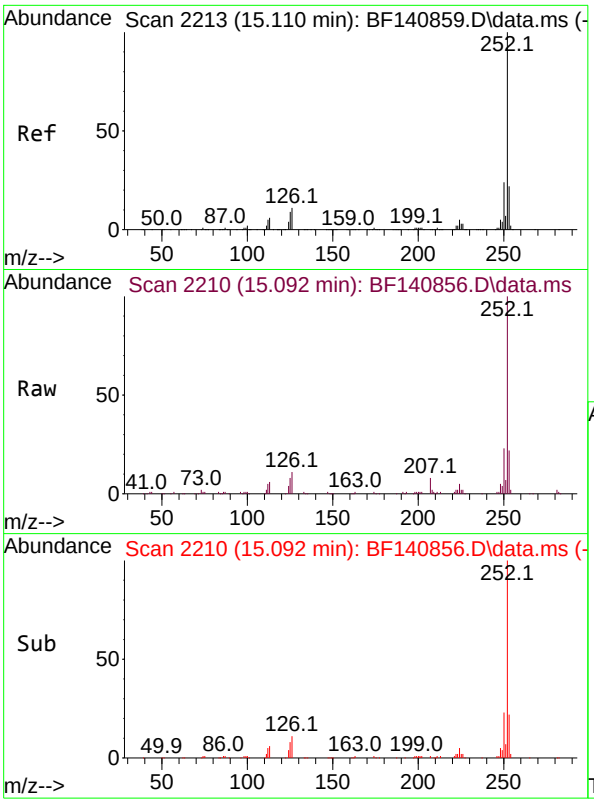


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.526 ng
RT: 17.027 min Scan# 2539
Delta R.T. -0.024 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:276 Resp: 68314

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.9	25.3
277	25.2	20.2	30.4



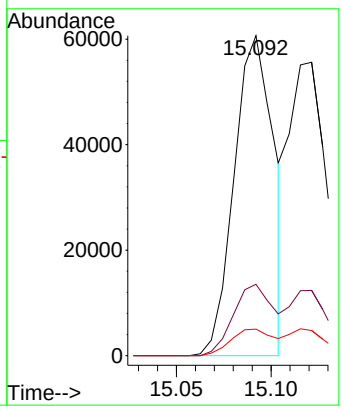


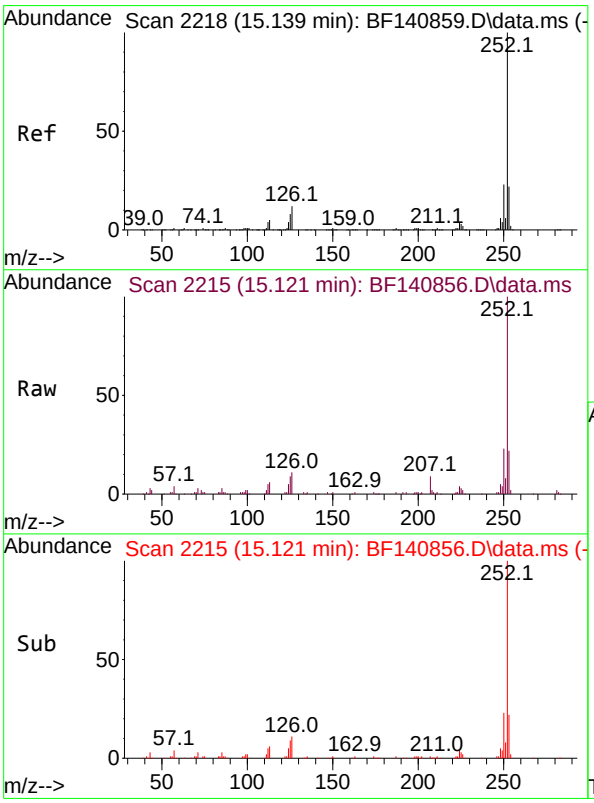
#88
Benzo(b)fluoranthene
Concen: 5.238 ng
RT: 15.092 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 87940

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.3	7.0	10.4

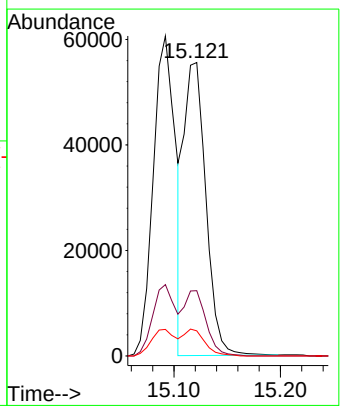


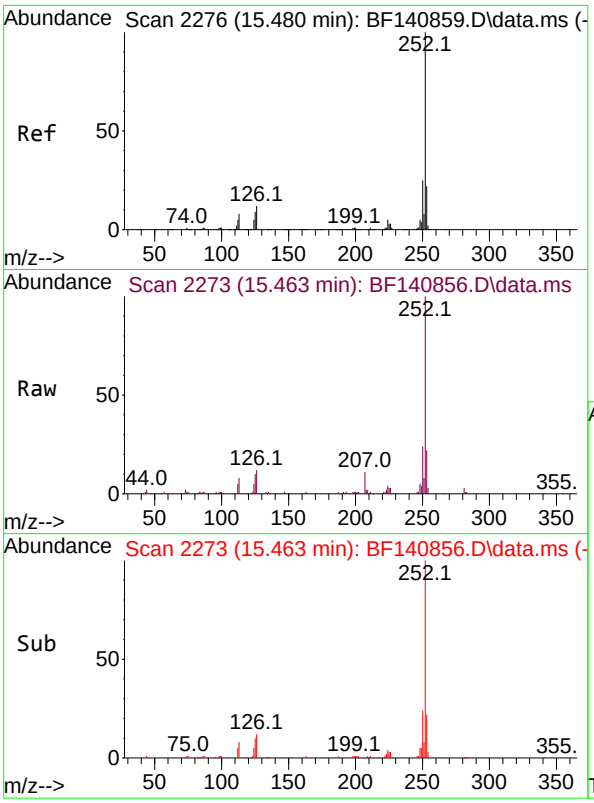


#89
Benzo(k)fluoranthene
Concen: 5.534 ng
RT: 15.121 min Scan# 2215
Delta R.T. -0.018 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:252 Resp: 79696

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	8.6	6.8	10.2



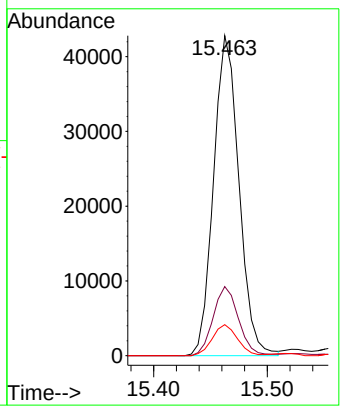


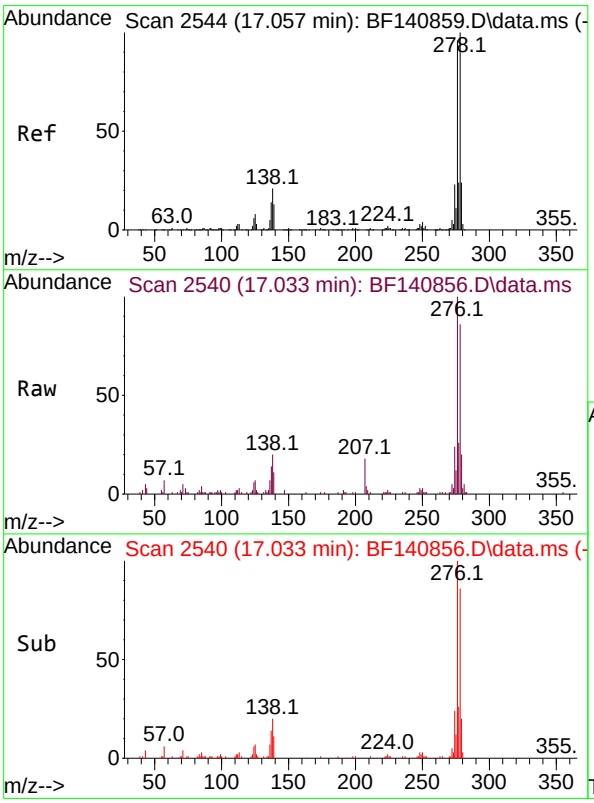
#90
Benzo(a)pyrene
Concen: 5.057 ng
RT: 15.463 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 66476

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.7	7.5	11.3

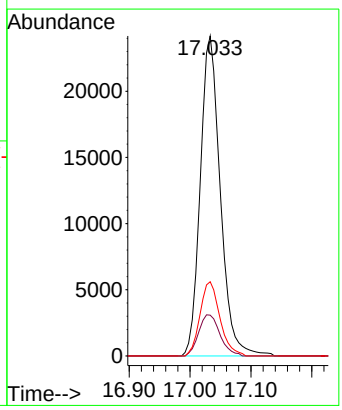


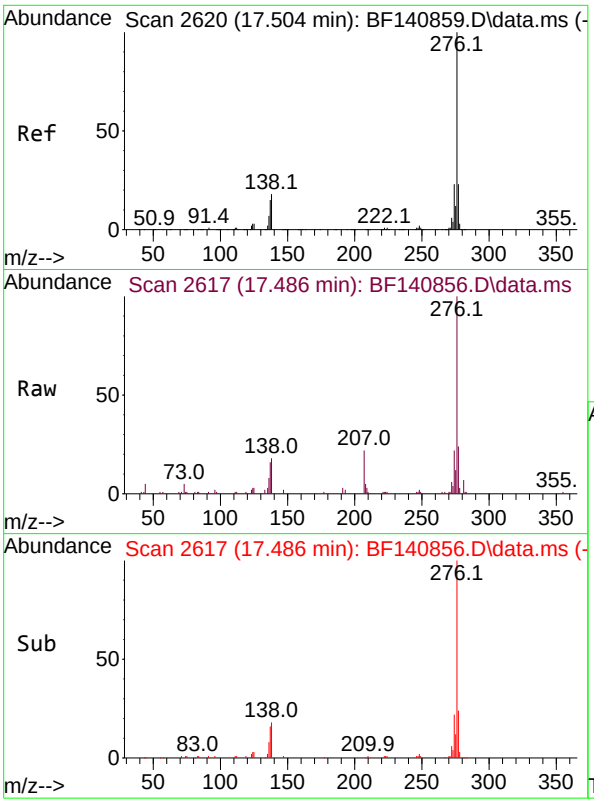


#91
Dibenzo(a,h)anthracene
Concen: 4.416 ng
RT: 17.033 min Scan# 2540
Delta R.T. -0.024 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:278 Resp: 55222

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.6	16.0
279	23.2	19.2	28.8



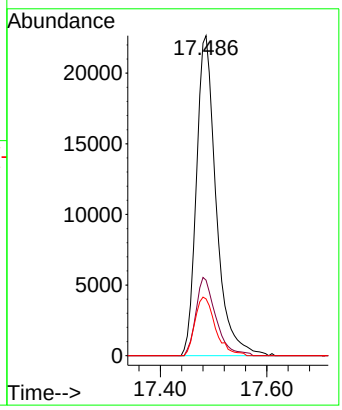


#92
Benzo(g,h,i)perylene
Concen: 4.567 ng
RT: 17.486 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 58125

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	17.7	14.2	21.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140857.D
Acq On : 16 Dec 2024 13:05
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Dec 16 16:47:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	76578	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	298630	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	192062	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	358020	20.000	ng		0.00
76) Chrysene-d12	14.027	240	282501	20.000	ng		0.00
86) Perylene-d12	15.533	264	236486	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	94639	20.344	ng		0.00
7) Phenol-d6	6.492	99	127200	20.645	ng		0.00
23) Nitrobenzene-d5	7.410	82	119665	20.048	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	45327	19.954	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	270749	19.381	ng		0.00
79) Terphenyl-d14	12.951	244	352398	19.670	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	20526	10.244	ng		95
3) Pyridine	3.428	79	45270	9.756	ng		100
4) n-Nitrosodimethylamine	3.351	42	22689	9.699	ng		99
6) Aniline	6.516	93	55946	10.620	ng	#	80
8) 2-Chlorophenol	6.639	128	52812	10.411	ng		97
9) Benzaldehyde	6.404	77	40257	11.792	ng		97
10) Phenol	6.510	94	64718	10.135	ng		91
11) bis(2-Chloroethyl)ether	6.581	93	47546	9.984	ng		97
12) 1,3-Dichlorobenzene	6.786	146	58952	10.199	ng		98
13) 1,4-Dichlorobenzene	6.863	146	61319	10.451	ng		98
14) 1,2-Dichlorobenzene	7.016	146	57259	10.343	ng		97
15) Benzyl Alcohol	6.998	79	43771	9.936	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.122	45	57243	10.204	ng		94
17) 2-Methylphenol	7.110	107	42307	10.446	ng		97
18) Hexachloroethane	7.351	117	22224	10.174	ng		96
19) n-Nitroso-di-n-propyla...	7.251	70	38459	10.406	ng		99
20) 3+4-Methylphenols	7.269	107	57077	10.628	ng	#	84
22) Acetophenone	7.257	105	75049	10.046	ng		96
24) Nitrobenzene	7.428	77	61294	10.024	ng		100
25) Isophorone	7.669	82	100405	10.039	ng		99
26) 2-Nitrophenol	7.751	139	27623	9.808	ng		97
27) 2,4-Dimethylphenol	7.786	122	32852	9.988	ng		94
28) bis(2-Chloroethoxy)met...	7.875	93	61752	9.886	ng		98
29) 2,4-Dichlorophenol	8.004	162	46274	10.191	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	52790	10.141	ng		99
31) Naphthalene	8.145	128	168002	10.241	ng		99
32) Benzoic acid	7.898	122	25770	8.261	ng		98
33) 4-Chloroaniline	8.204	127	55948	10.269	ng		98
34) Hexachlorobutadiene	8.257	225	35099	10.022	ng		97
35) Caprolactam	8.557	113	13417	9.925	ng		98
36) 4-Chloro-3-methylphenol	8.692	107	51876	10.150	ng		97
37) 2-Methylnaphthalene	8.839	142	109525	10.093	ng		99
38) 1-Methylnaphthalene	8.939	142	110917	10.335	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	55018	9.320	ng		99
41) Hexachlorocyclopentadiene	8.986	237	8781	8.866	ng		99
43) 2,4,6-Trichlorophenol	9.127	196	32555	9.006	ng		97

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140857.D
Acq On : 16 Dec 2024 13:05
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Dec 16 16:47:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	35030	8.817 ng	99
46) 1,1'-Biphenyl	9.298	154	145227	9.509 ng	99
47) 2-Chloronaphthalene	9.327	162	111077	9.507 ng	99
48) 2-Nitroaniline	9.433	65	33225	9.416 ng	98
49) Acenaphthylene	9.739	152	174905	10.187 ng	98
50) Dimethylphthalate	9.598	163	131257	9.693 ng	99
51) 2,6-Dinitrotoluene	9.669	165	30431	9.831 ng	97
52) Acenaphthene	9.916	154	114273	10.419 ng	99
53) 3-Nitroaniline	9.845	138	30367	9.885 ng	100
54) 2,4-Dinitrophenol	9.986	184	8488	11.701 ng	95
55) Dibenzofuran	10.086	168	180108	10.598 ng	99
56) 4-Nitrophenol	10.051	139	8781m	9.461 ng	
57) 2,4-Dinitrotoluene	10.080	165	42109	10.339 ng	99
58) Fluorene	10.427	166	146155	10.424 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	29950	9.251 ng	94
60) Diethylphthalate	10.292	149	142484	10.147 ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	72010	10.224 ng	99
62) 4-Nitroaniline	10.457	138	31962	9.956 ng	98
63) Azobenzene	10.580	77	135524	10.267 ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	17756	8.752 ng	97
66) n-Nitrosodiphenylamine	10.539	169	121500	11.038 ng	100
67) 4-Bromophenyl-phenylether	10.910	248	44385	11.082 ng	98
68) Hexachlorobenzene	10.980	284	50135	11.040 ng	99
69) Atrazine	11.063	200	36472	11.864 ng	100
70) Pentachlorophenol	11.192	266	11171m	6.725 ng	
71) Phenanthrene	11.392	178	193504	10.510 ng	99
72) Anthracene	11.445	178	190407	10.502 ng	99
73) Carbazole	11.604	167	182199	10.259 ng	100
74) Di-n-butylphthalate	11.921	149	215903	10.359 ng	99
75) Fluoranthene	12.586	202	231038	10.896 ng	100
77) Benzidine	12.716	184	45074	7.818 ng	99
78) Pyrene	12.815	202	242761	9.663 ng	99
80) Butylbenzylphthalate	13.427	149	86987	9.411 ng	98
81) Benzo(a)anthracene	14.015	228	208127	10.395 ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	60368	9.994 ng	98
83) Chrysene	14.057	228	181387	9.963 ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	113963	9.562 ng	100
85) Di-n-octyl phthalate	14.627	149	165198	9.161 ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	138792	9.405 ng	99
88) Benzo(b)fluoranthene	15.104	252	173313	10.558 ng	99
89) Benzo(k)fluoranthene	15.127	252	147840	10.499 ng	99
90) Benzo(a)pyrene	15.474	252	128194	9.973 ng	99
91) Dibenzo(a,h)anthracene	17.039	278	116533	9.532 ng	99
92) Benzo(g,h,i)perylene	17.492	276	114976	9.240 ng	99

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

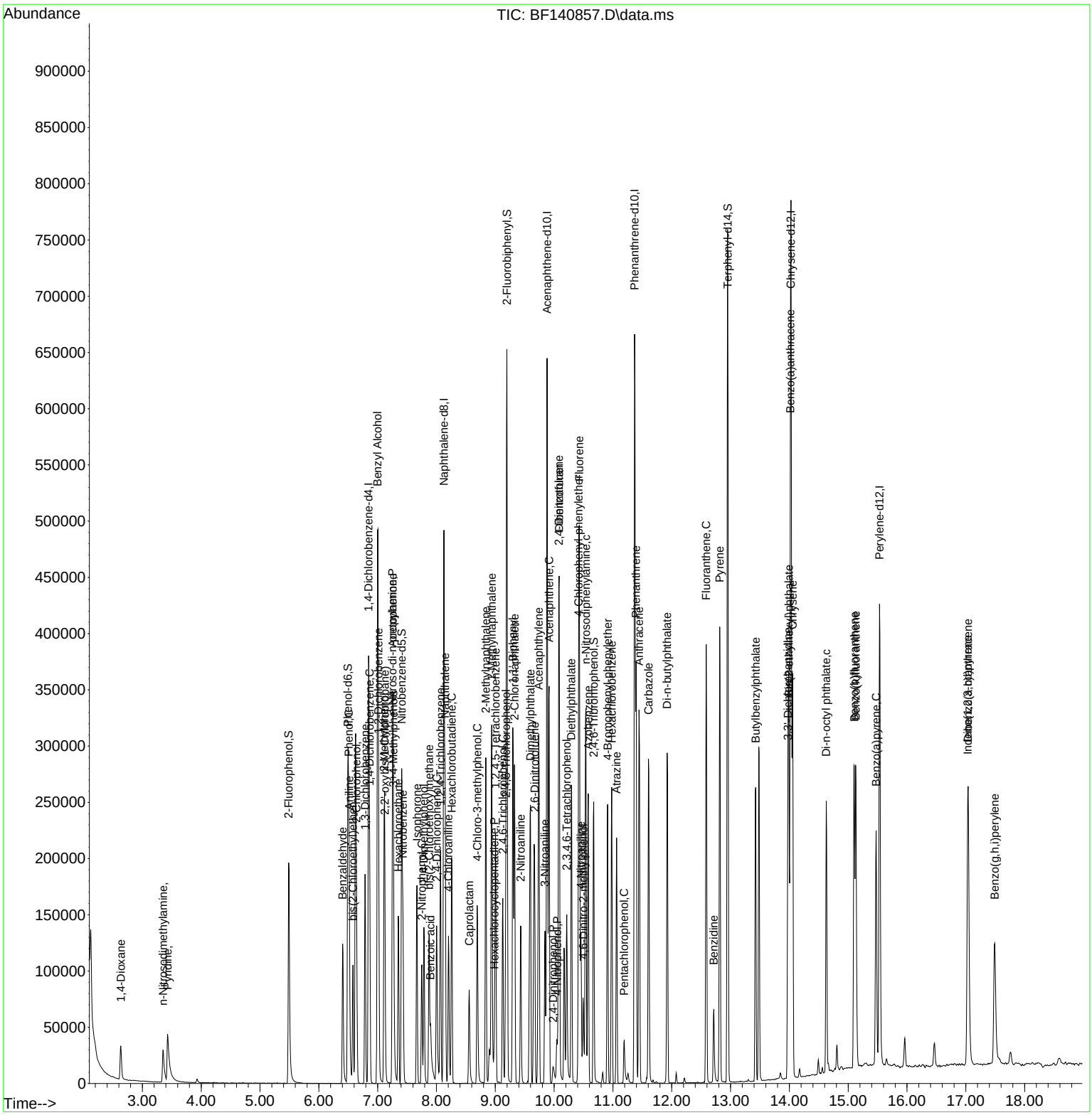
Quantitation Report (QT Reviewed)

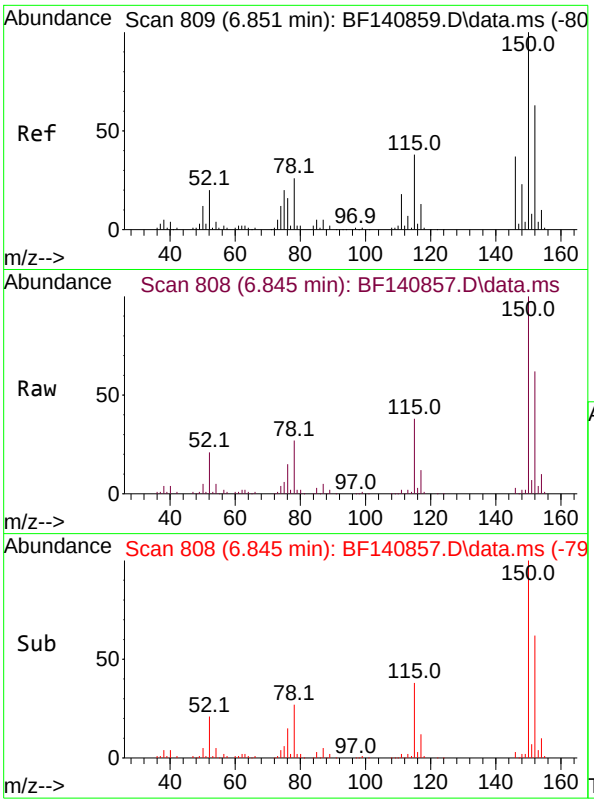
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140857.D
Acq On : 16 Dec 2024 13:05
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Dec 16 16:47:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



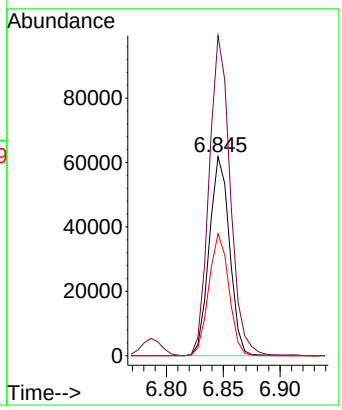


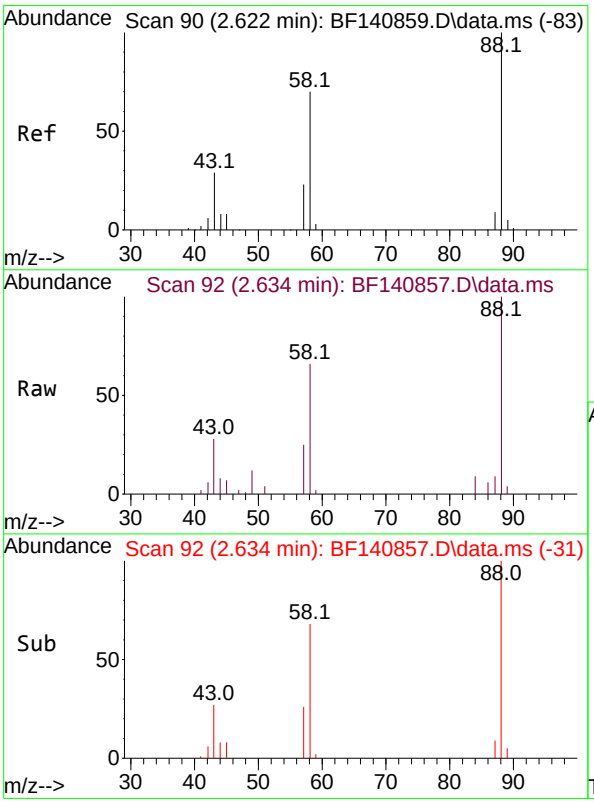
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 76578

Ion	Ratio	Lower	Upper
152	100		
150	160.8	127.9	191.9
115	61.3	48.0	72.0

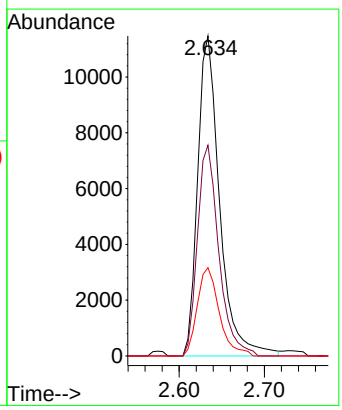


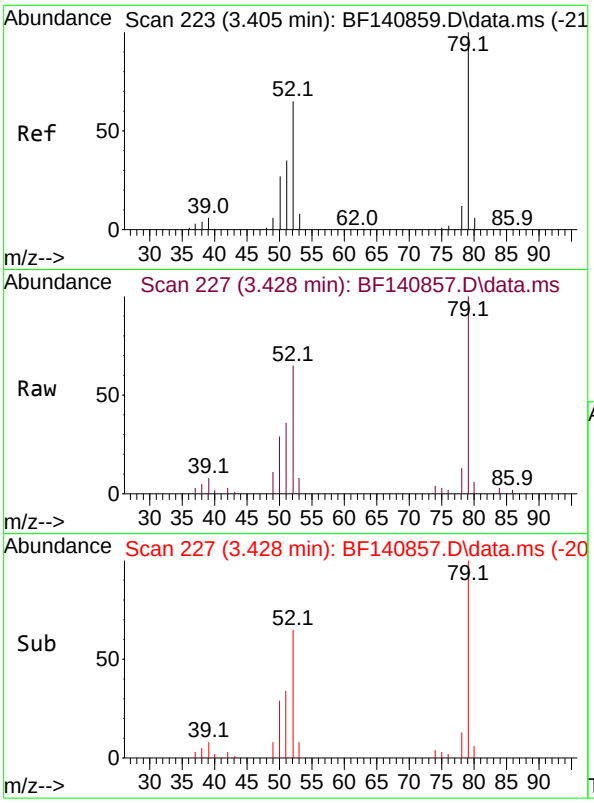


#2
1,4-Dioxane
Concen: 10.244 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.012 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion: 88 Resp: 20526

Ion	Ratio	Lower	Upper
88	100		
58	64.0	55.8	83.8
43	27.6	22.7	34.1



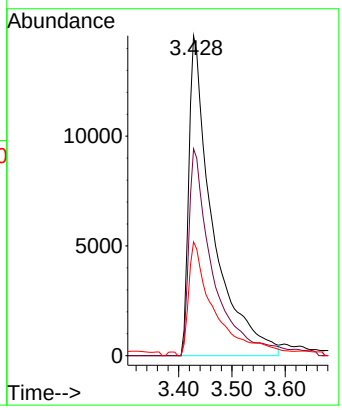


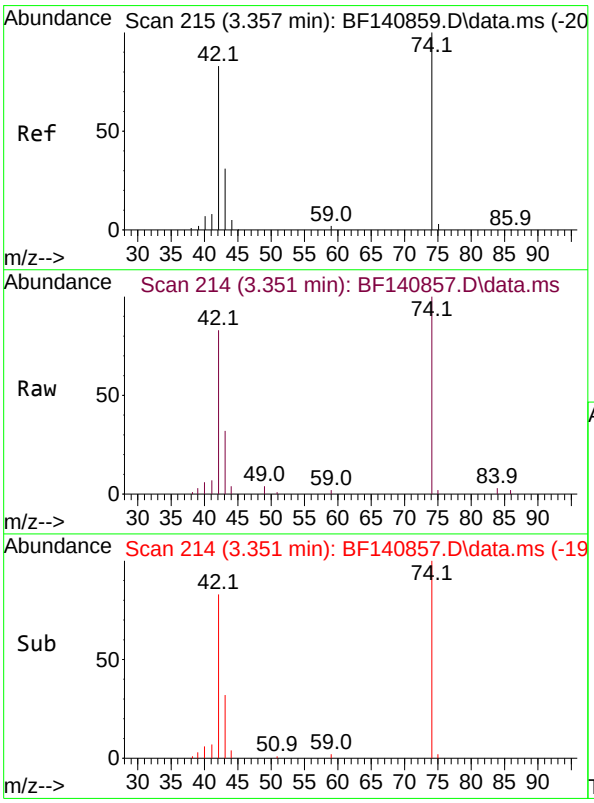
#3
Pyridine
Concen: 9.756 ng
RT: 3.428 min Scan# 2
Delta R.T. 0.023 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 45270

Ion	Ratio	Lower	Upper
79	100		
52	64.7	51.7	77.5
51	35.6	28.2	42.4

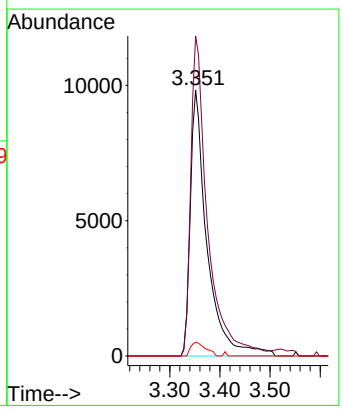


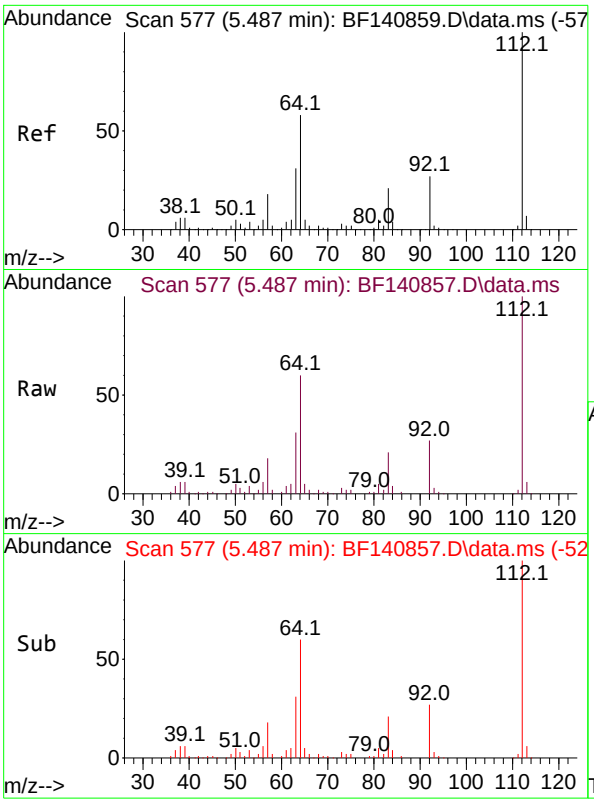


#4
n-Nitrosodimethylamine
Concen: 9.699 ng
RT: 3.351 min Scan# 214
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion: 42 Resp: 22689

Ion	Ratio	Lower	Upper
42	100		
74	120.4	96.9	145.3
44	5.2	4.4	6.6



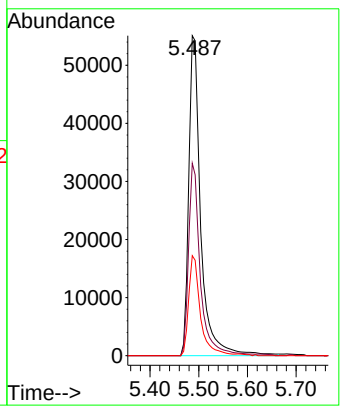


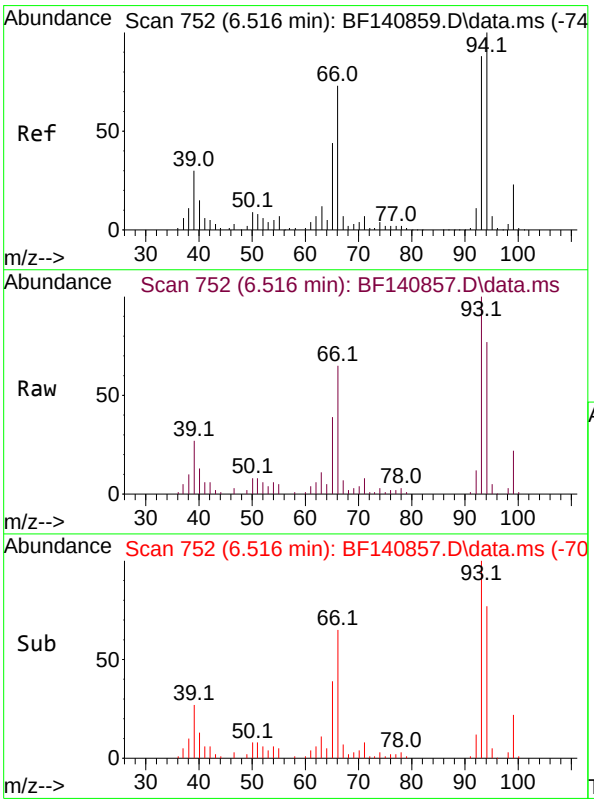
#5
2-Fluorophenol
Concen: 20.344 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 94639

Ion	Ratio	Lower	Upper
112	100		
64	60.1	46.1	69.1
63	31.3	24.9	37.3

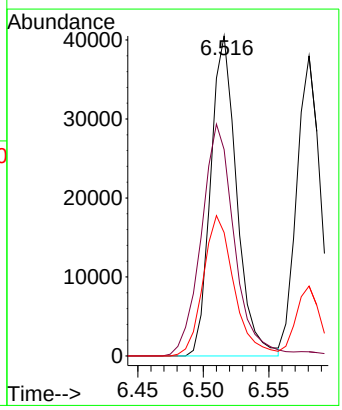


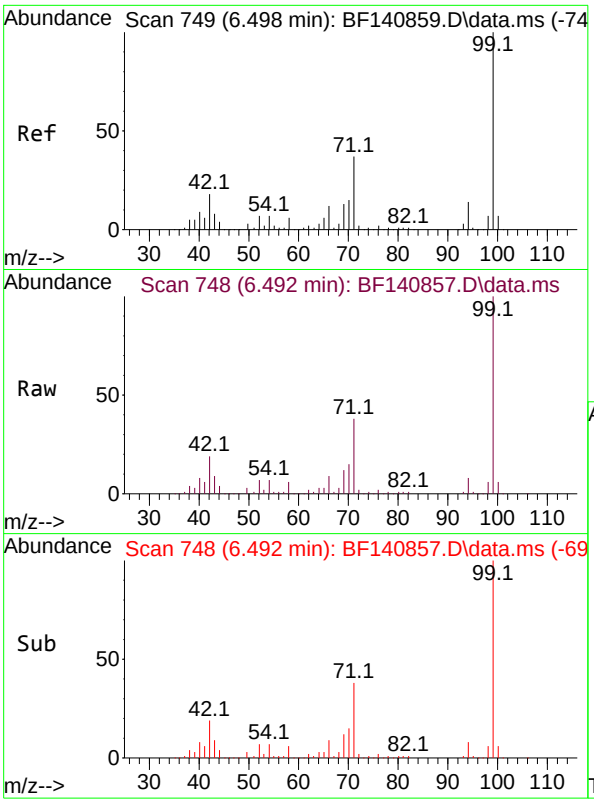


#6
Aniline
Concen: 10.620 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion: 93 Resp: 55946

Ion	Ratio	Lower	Upper
93	100		
66	64.5	67.0	100.4#
65	38.5	40.4	60.6#



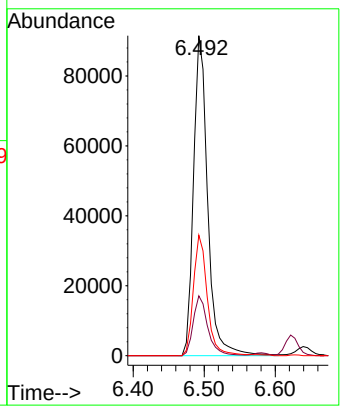


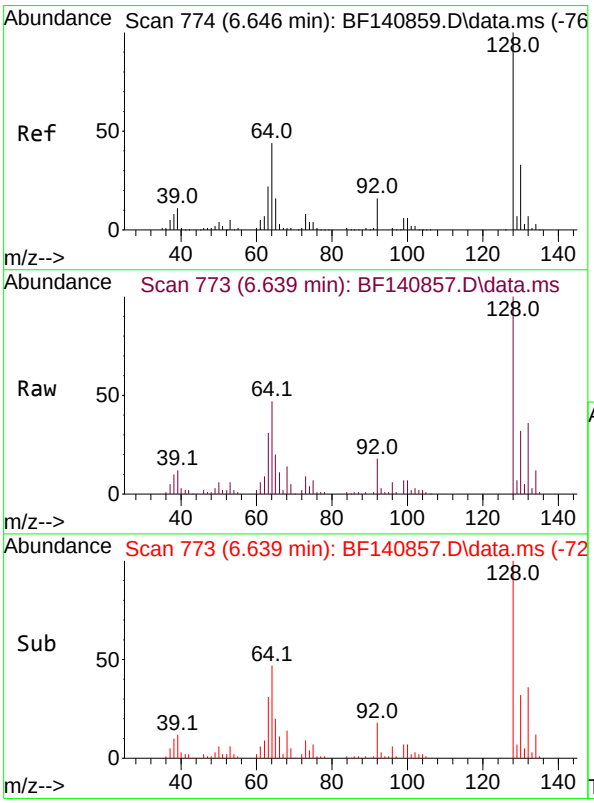
#7
Phenol-d6
Concen: 20.645 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 127200

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.3	21.5
71	37.6	29.9	44.9

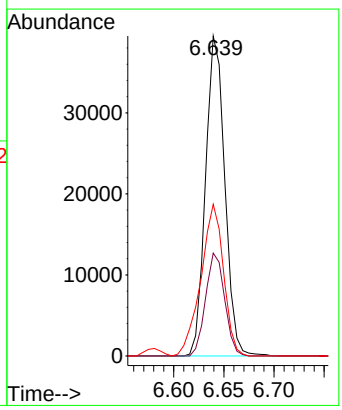


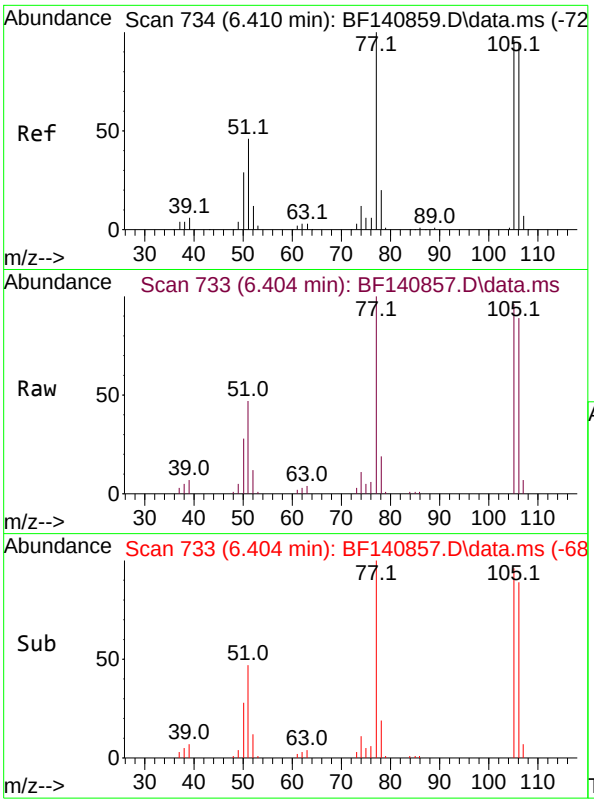


#8
2-Chlorophenol
Concen: 10.411 ng
RT: 6.639 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:128 Resp: 52812

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	47.4	24.3	64.3



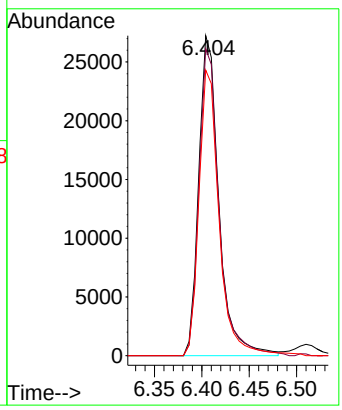


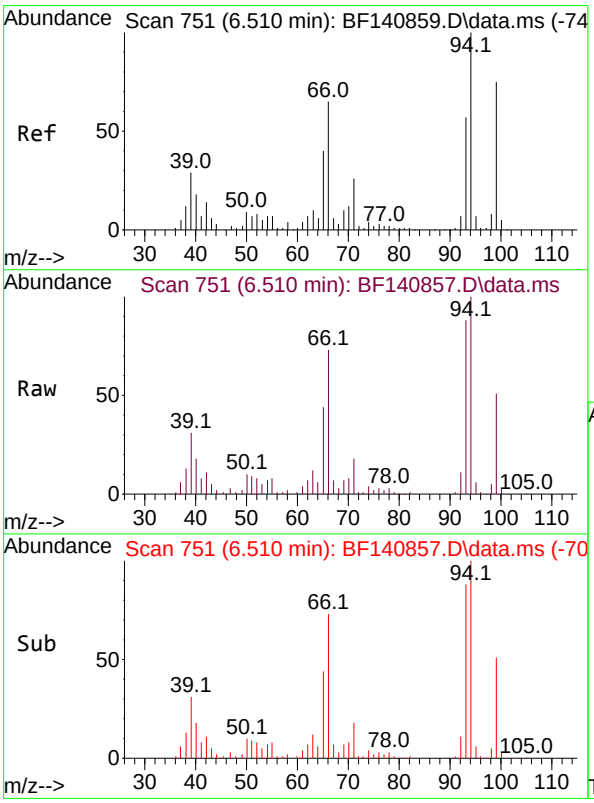
#9
Benzaldehyde
Concen: 11.792 ng
RT: 6.404 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 40257

Ion	Ratio	Lower	Upper
77	100		
105	95.9	75.8	115.8
106	89.3	74.1	114.1

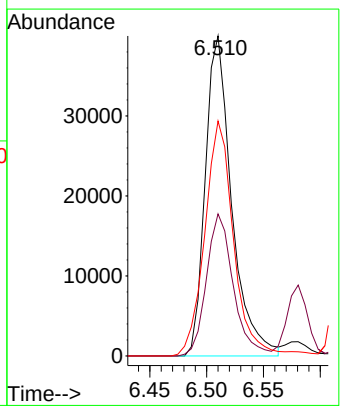


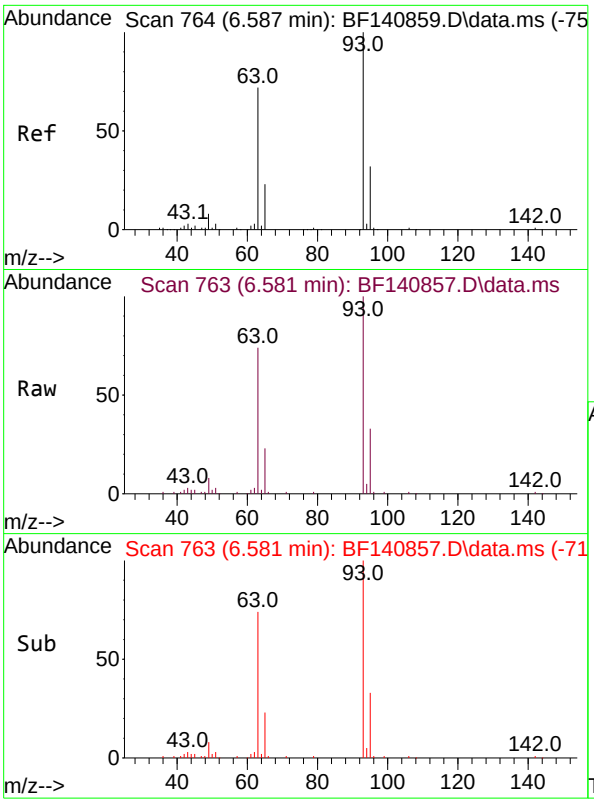


#10
Phenol
Concen: 10.135 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion: 94 Resp: 64718

Ion	Ratio	Lower	Upper
94	100		
65	44.4	19.9	59.9
66	73.4	45.6	85.6



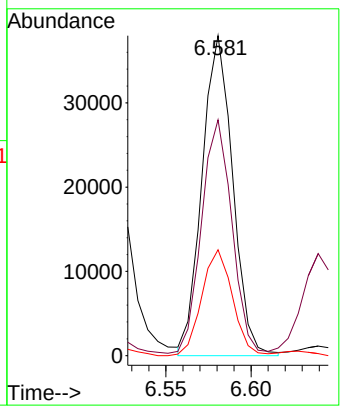


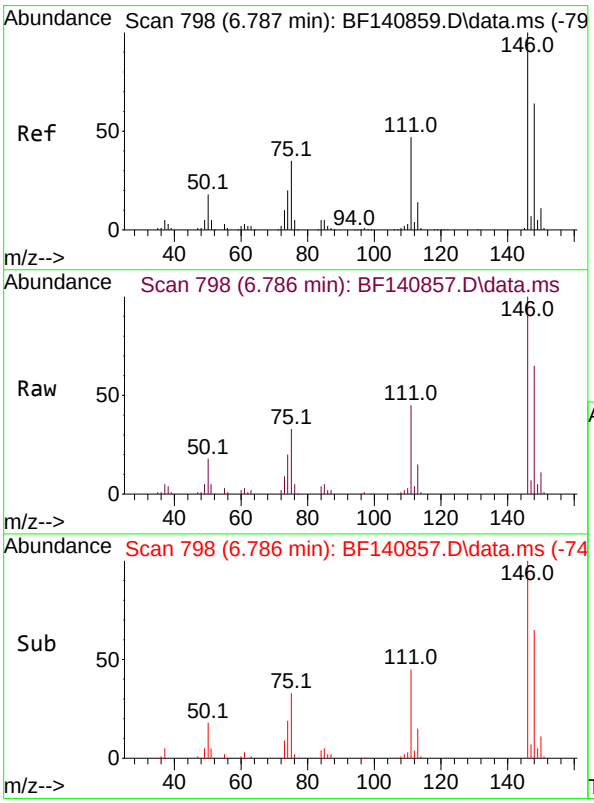
#11
bis(2-Chloroethyl)ether
Concen: 9.984 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 47546

Ion	Ratio	Lower	Upper
93	100		
63	73.7	51.0	91.0
95	33.1	12.0	52.0

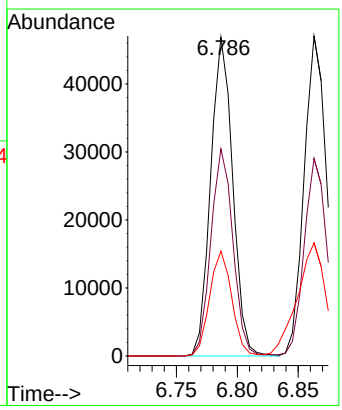


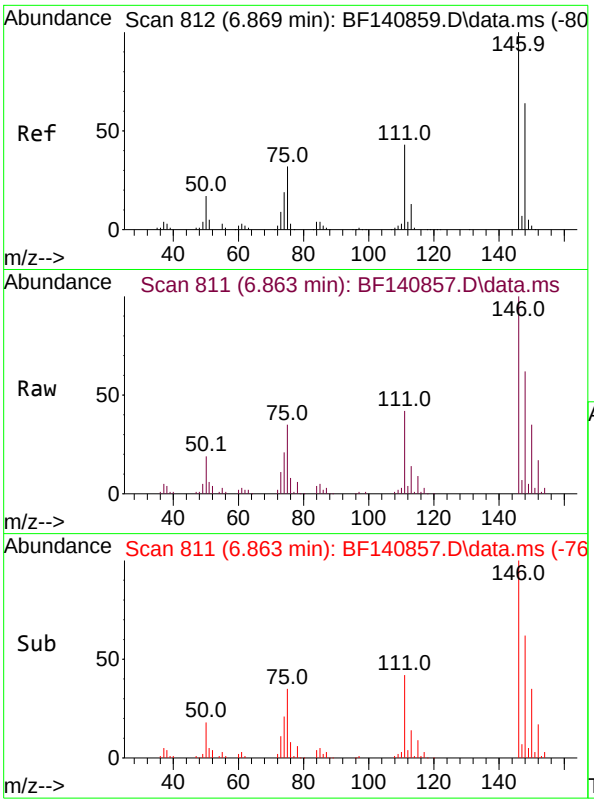


#12
1,3-Dichlorobenzene
Concen: 10.199 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:146 Resp: 58952

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.6
75	32.9	28.1	42.1



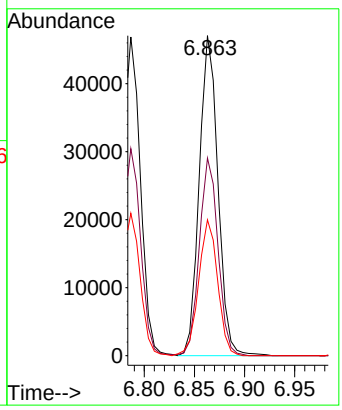


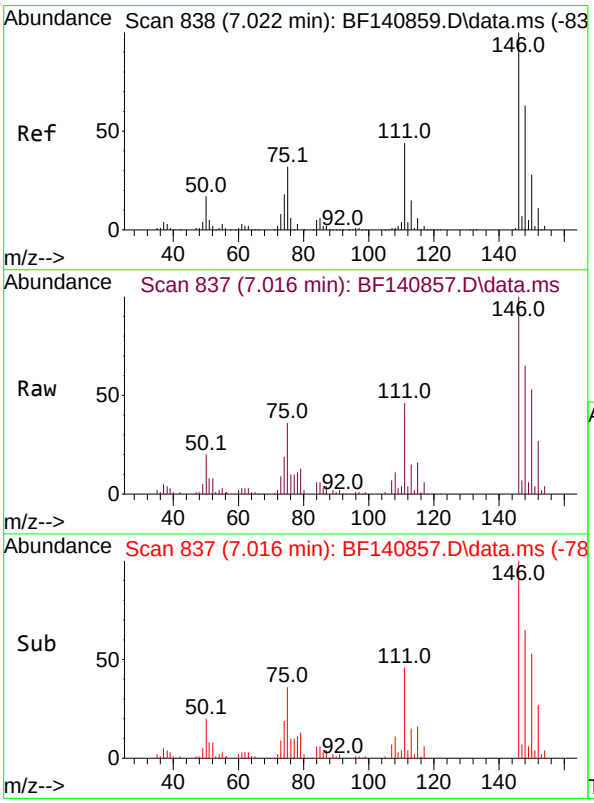
#13
1,4-Dichlorobenzene
Concen: 10.451 ng
RT: 6.863 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 61319

Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.3	76.9
111	42.5	34.4	51.6

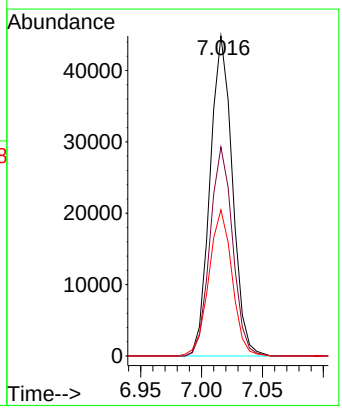


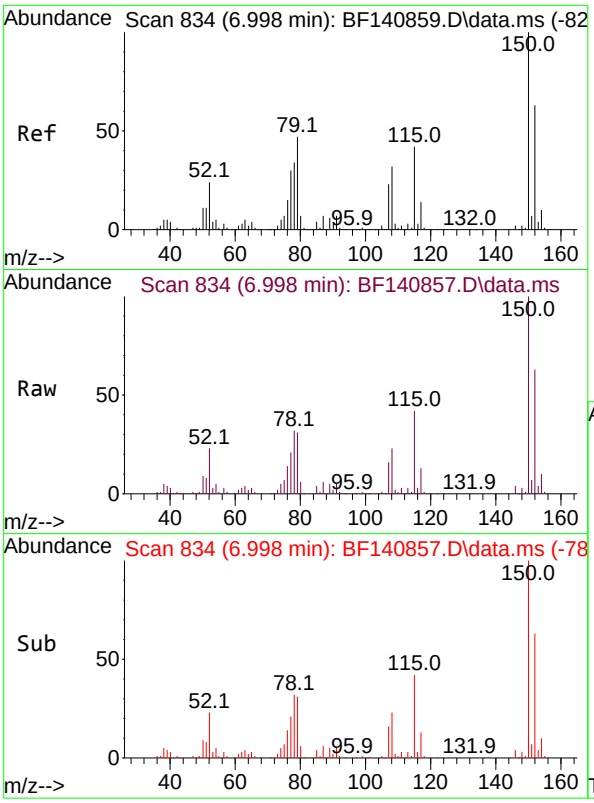


#14
1,2-Dichlorobenzene
Concen: 10.343 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:146 Resp: 57259

Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.0	75.0
111	45.6	35.6	53.4



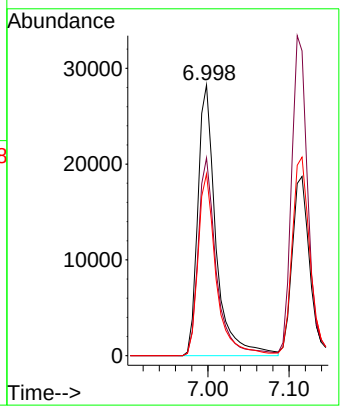


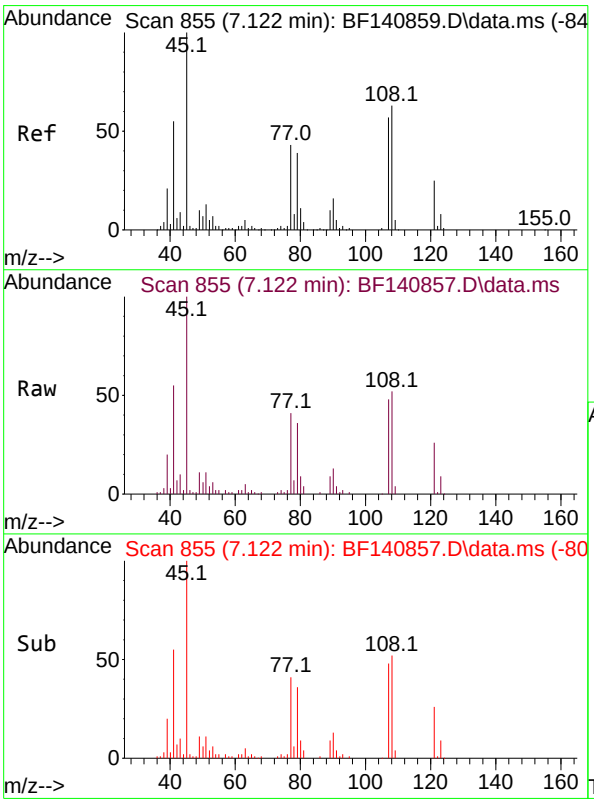
#15
Benzyl Alcohol
Concen: 9.936 ng
RT: 6.998 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 43771

Ion	Ratio	Lower	Upper
79	100		
108	73.1	55.1	82.7
77	67.2	50.6	76.0

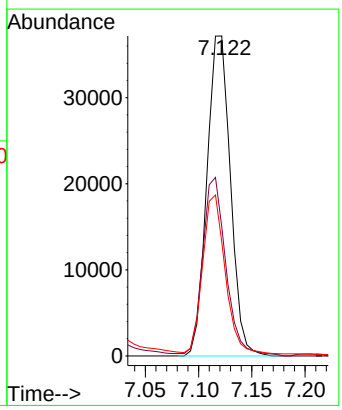


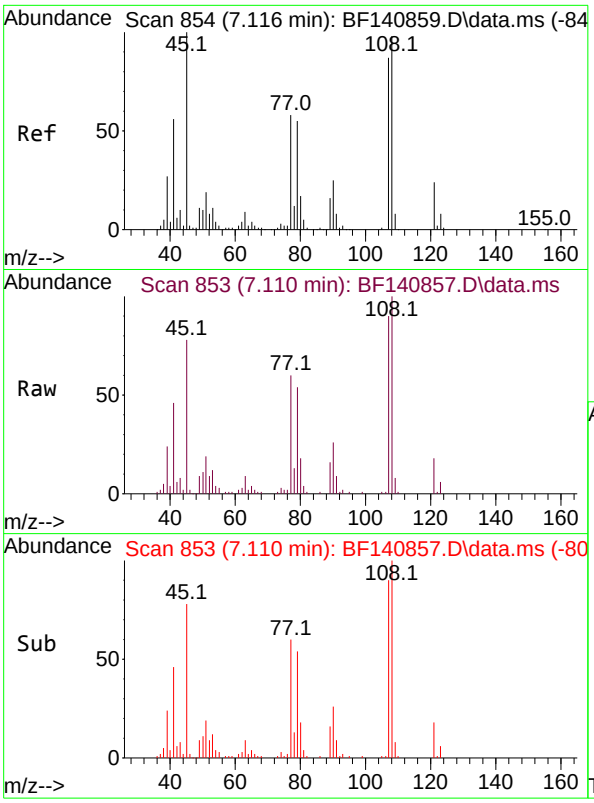


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.204 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion: 45 Resp: 57243

Ion	Ratio	Lower	Upper
45	100		
77	40.5	23.3	63.3
79	35.8	20.0	60.0



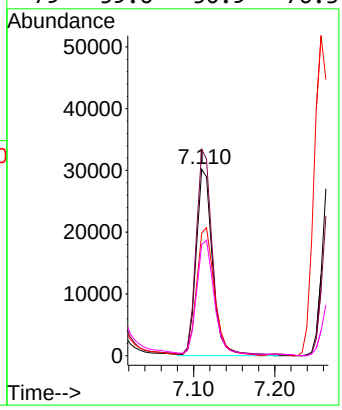


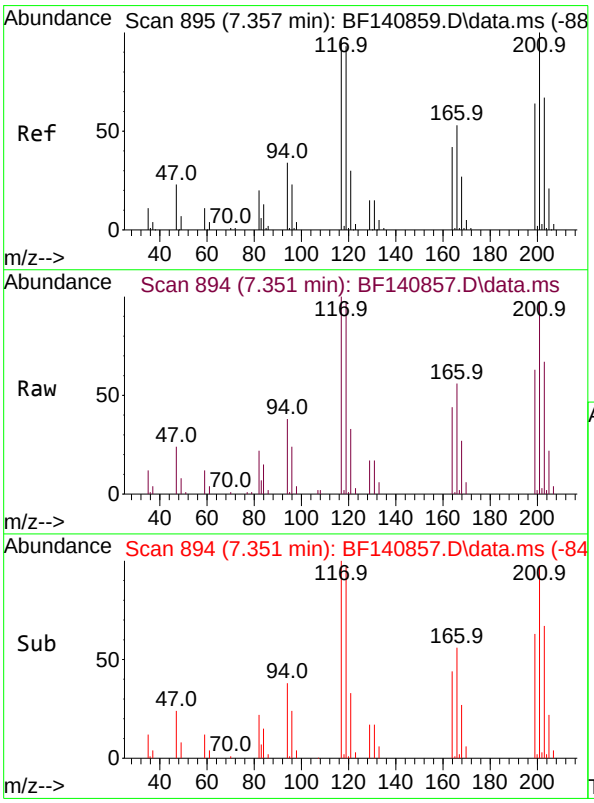
#17
2-Methylphenol
Concen: 10.446 ng
RT: 7.110 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 42307

Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.2	135.4
77	65.9	53.8	80.6
79	59.6	50.9	76.3

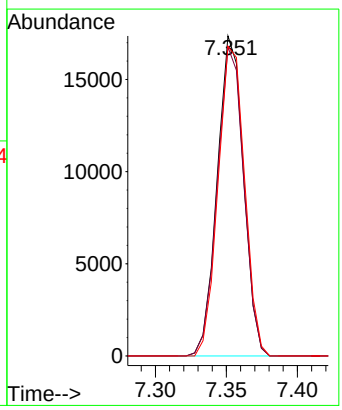


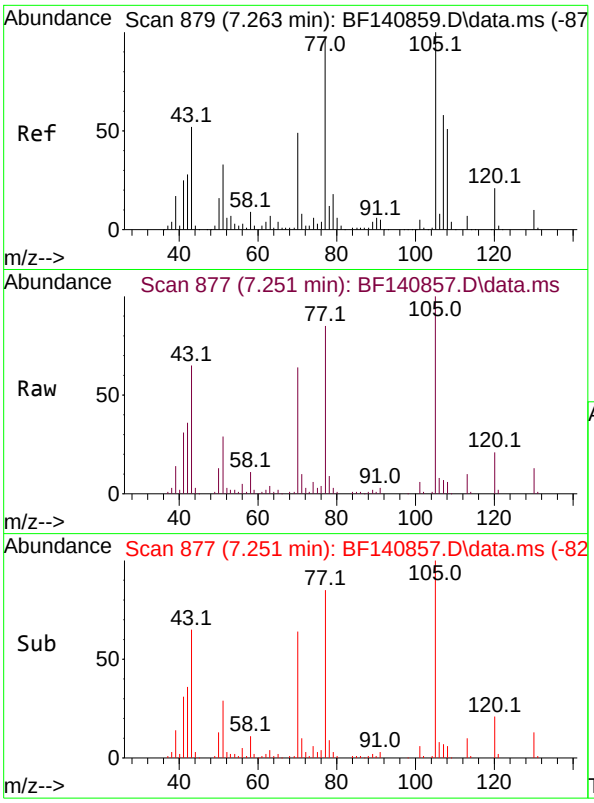


#18
Hexachloroethane
Concen: 10.174 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:117 Resp: 22224

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	96.8	83.4	125.0



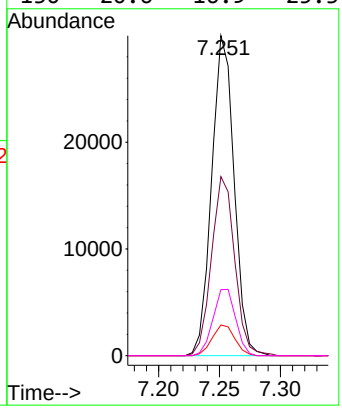


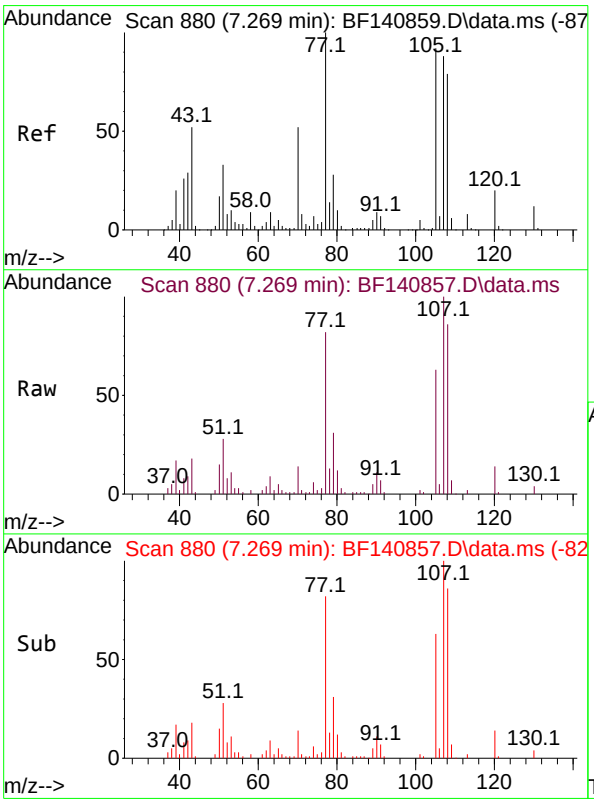
#19
n-Nitroso-di-n-propylamine
Concen: 10.406 ng
RT: 7.251 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 38459

Ion	Ratio	Lower	Upper
70	100		
42	55.9	45.3	67.9
101	9.6	8.0	12.0
130	20.6	16.9	25.3

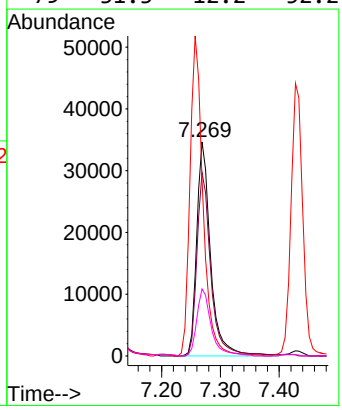


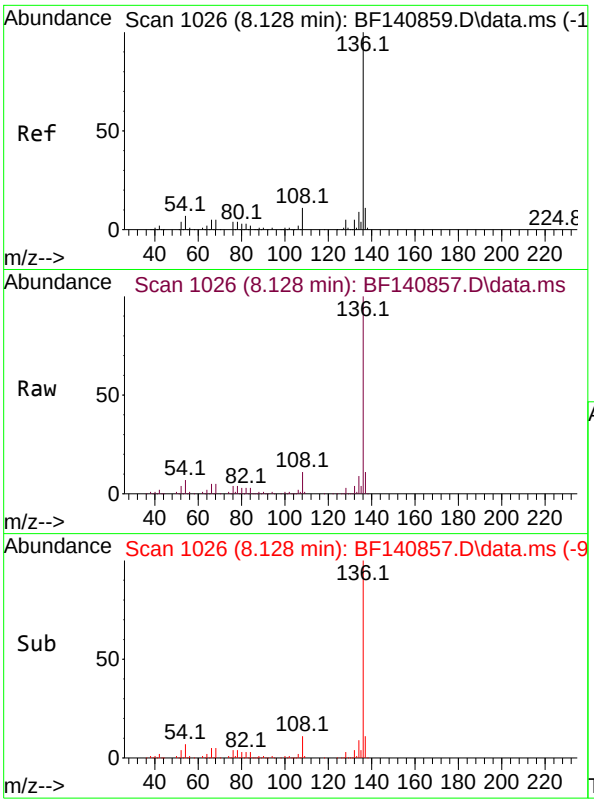


#20
3+4-Methylphenols
Concen: 10.628 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:107 Resp: 57077

Ion	Ratio	Lower	Upper
107	100		
108	85.6	70.1	110.1
77	82.3	94.4	134.4#
79	31.3	12.2	52.2



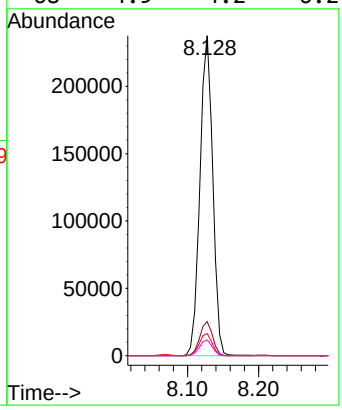


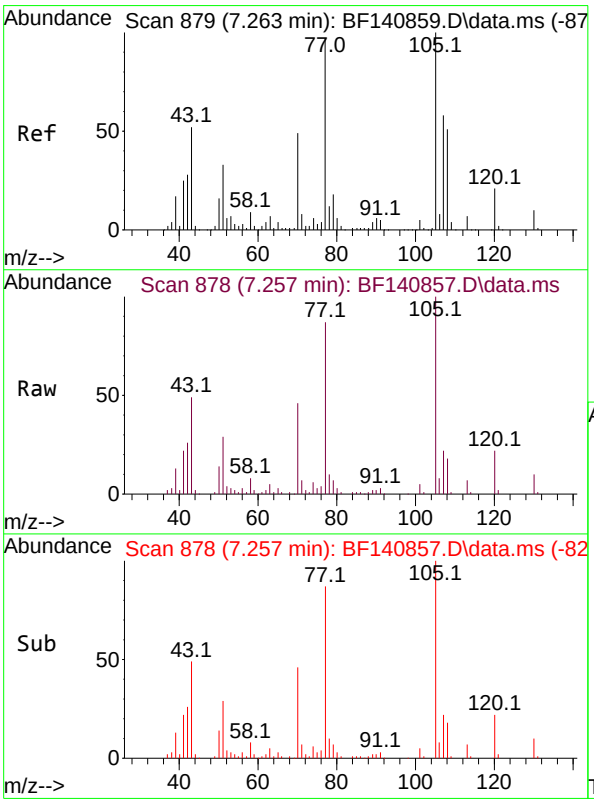
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 298630

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.9	5.6	8.4
68	4.9	4.2	6.2

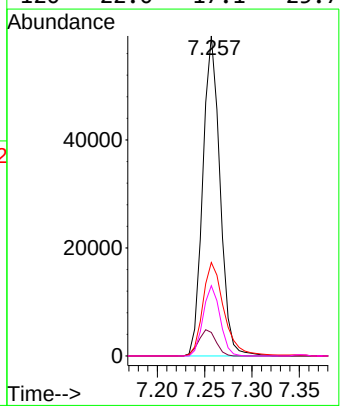


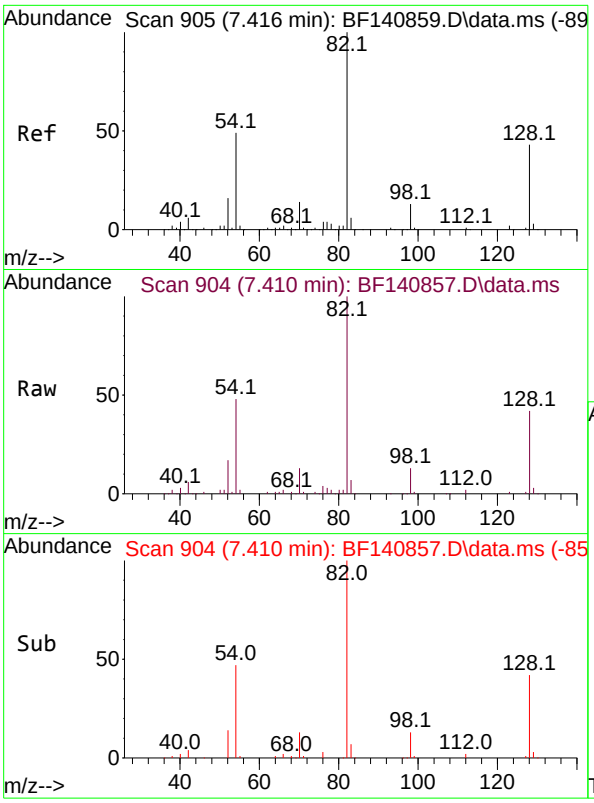


#22
Acetophenone
Concen: 10.046 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:105 Resp: 75049

Ion	Ratio	Lower	Upper
105	100		
71	7.3	6.2	9.4
51	29.2	26.3	39.5
120	22.0	17.1	25.7



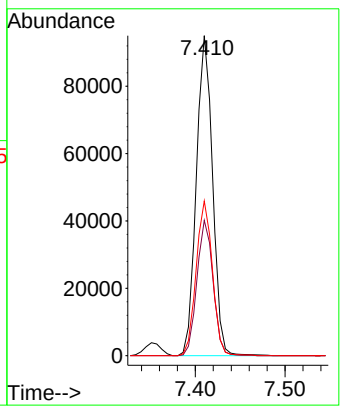


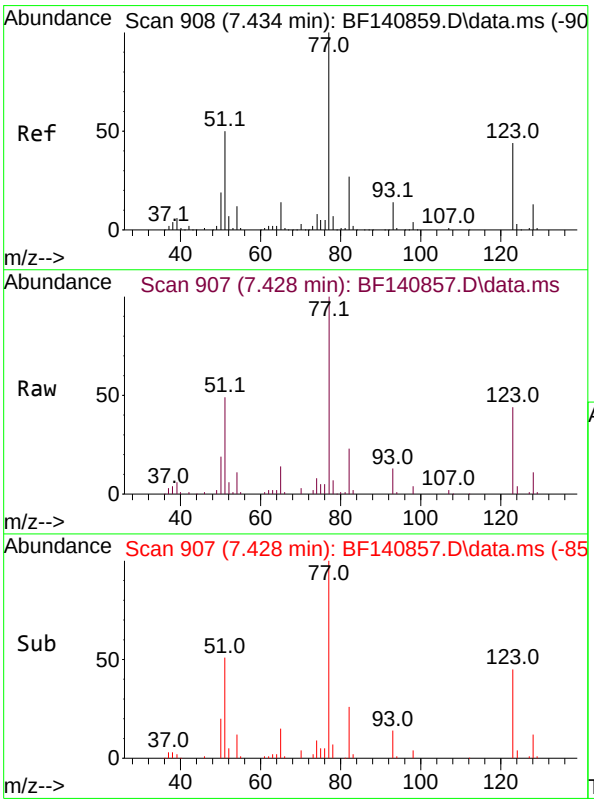
#23
Nitrobenzene-d5
Concen: 20.048 ng
RT: 7.410 min Scan# 9(
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 119665

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.4	51.6
54	48.3	38.8	58.2

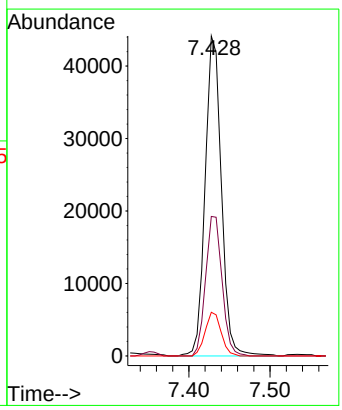


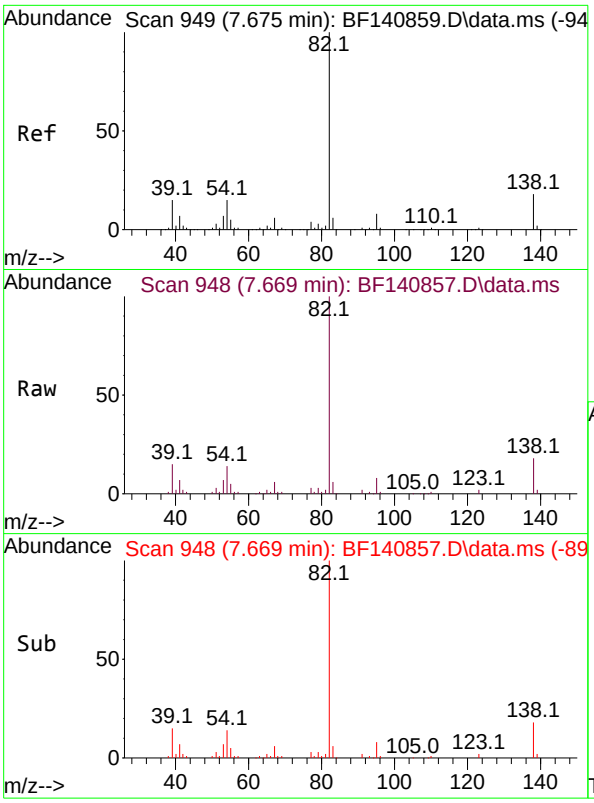


#24
Nitrobenzene
Concen: 10.024 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion: 77 Resp: 61294

Ion	Ratio	Lower	Upper
77	100		
123	43.6	35.0	52.4
65	13.7	11.4	17.0



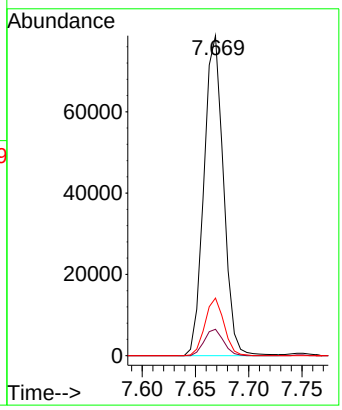


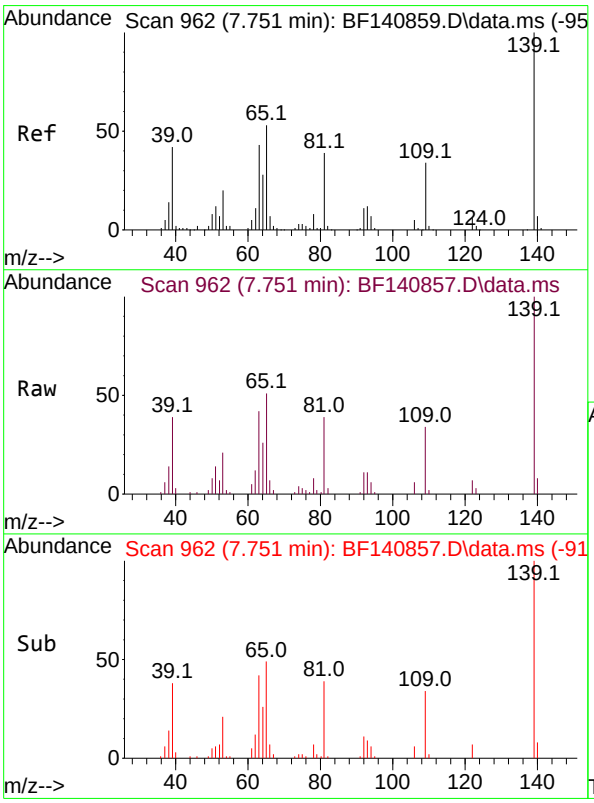
#25
Isophorone
Concen: 10.039 ng
RT: 7.669 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 100405

Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.3	9.5
138	18.0	14.1	21.1

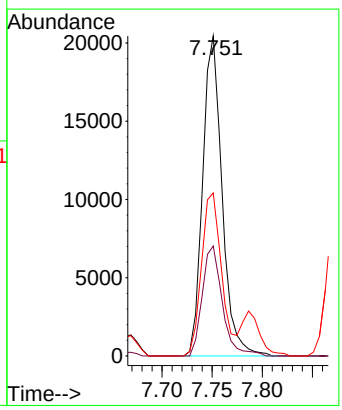


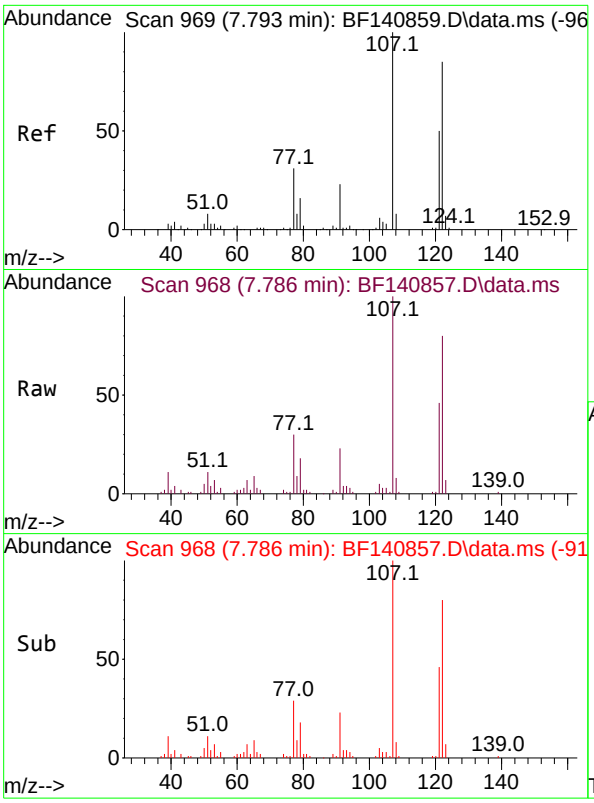


#26
2-Nitrophenol
Concen: 9.808 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:139 Resp: 27623

Ion	Ratio	Lower	Upper
139	100		
109	34.3	26.9	40.3
65	51.0	42.6	64.0



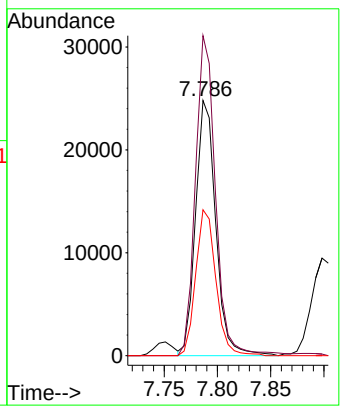


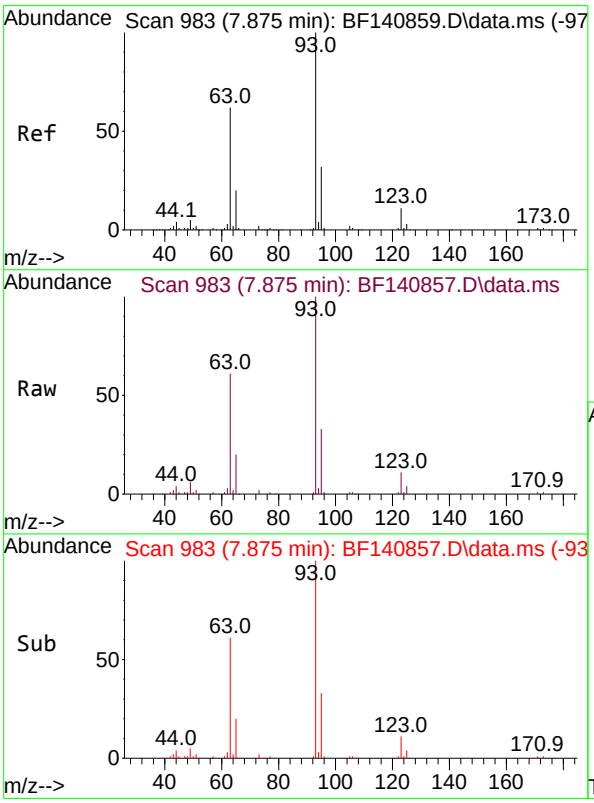
#27
2,4-Dimethylphenol
Concen: 9.988 ng
RT: 7.786 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 32852

Ion	Ratio	Lower	Upper
122	100		
107	125.4	92.6	139.0
121	57.2	45.8	68.8

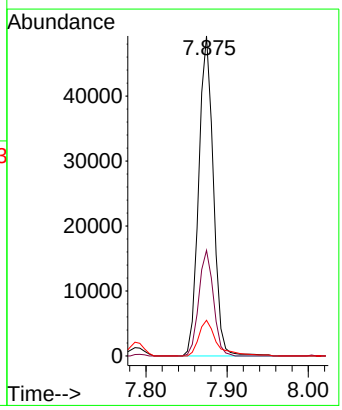


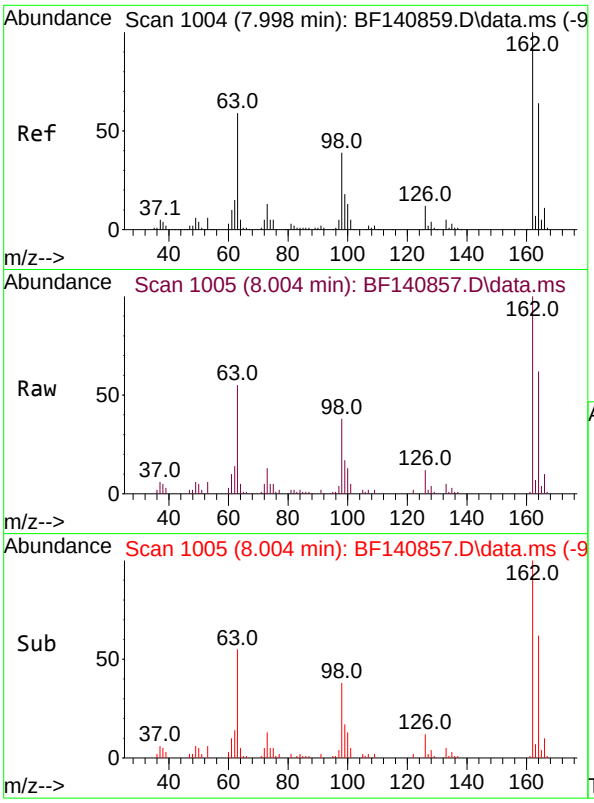


#28
bis(2-Chloroethoxy)methane
Concen: 9.886 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion: 93 Resp: 61752

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.3	37.9
123	11.2	8.6	13.0



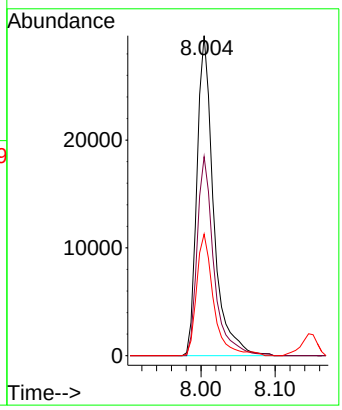


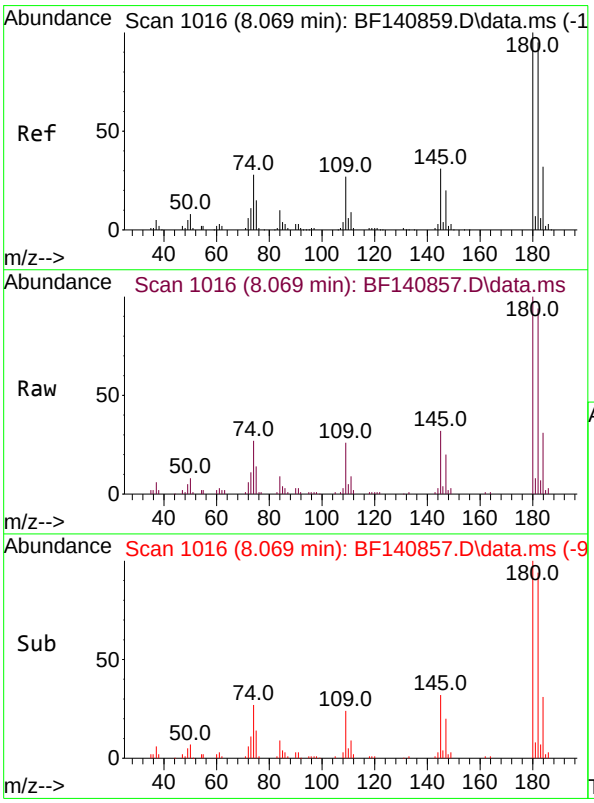
#29
2,4-Dichlorophenol
Concen: 10.191 ng
RT: 8.004 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 46274

Ion	Ratio	Lower	Upper
162	100		
164	62.2	43.7	83.7
98	38.0	18.6	58.6

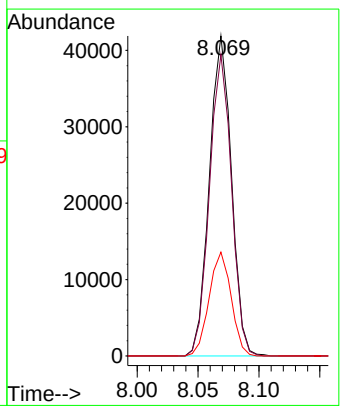


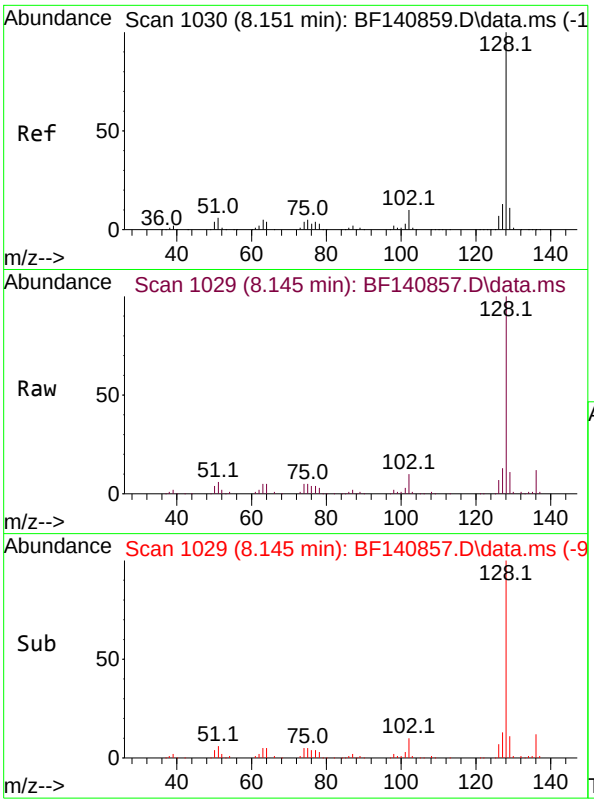


#30
1,2,4-Trichlorobenzene
Concen: 10.141 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:180 Resp: 52790

Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.6
145	32.4	25.2	37.8



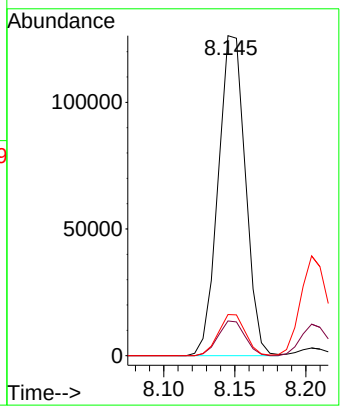


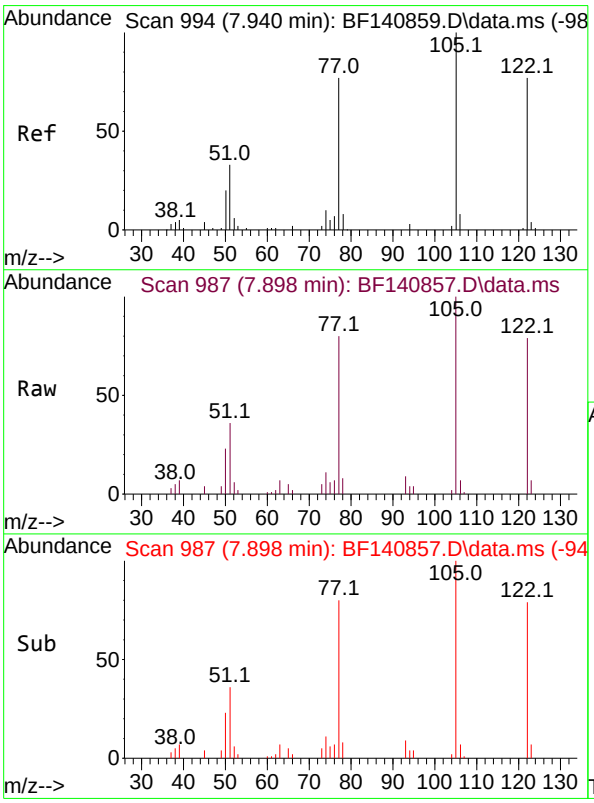
#31
Naphthalene
Concen: 10.241 ng
RT: 8.145 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 168002

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.8	10.6	16.0

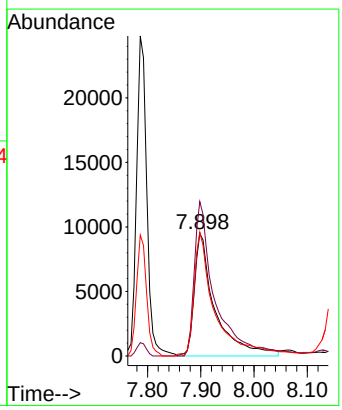


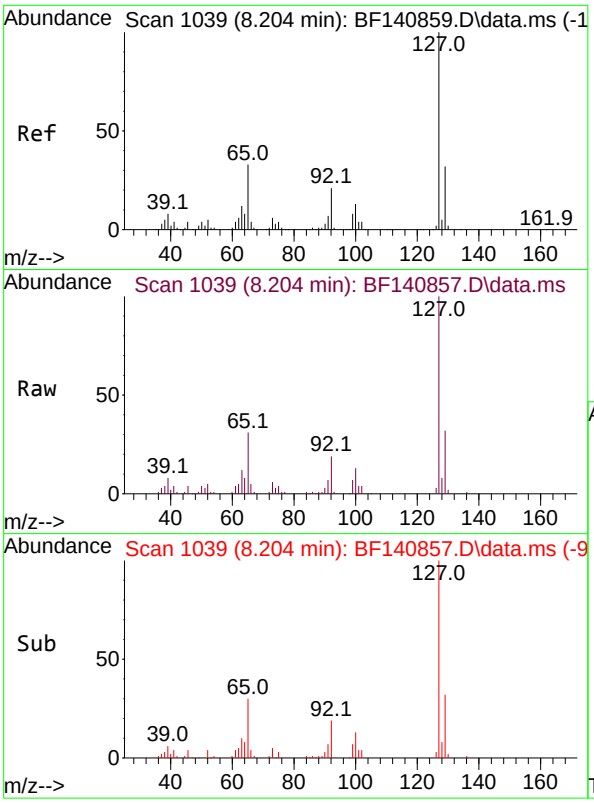


#32
Benzoic acid
Concen: 8.261 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.042 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:122 Resp: 25770

Ion	Ratio	Lower	Upper
122	100		
105	126.2	108.3	148.3
77	101.3	78.8	118.8



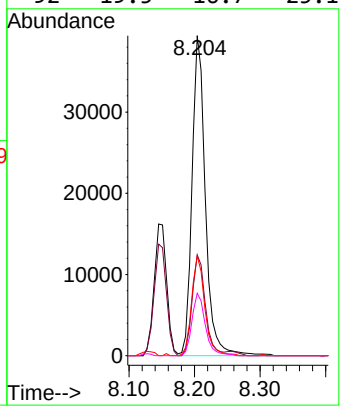


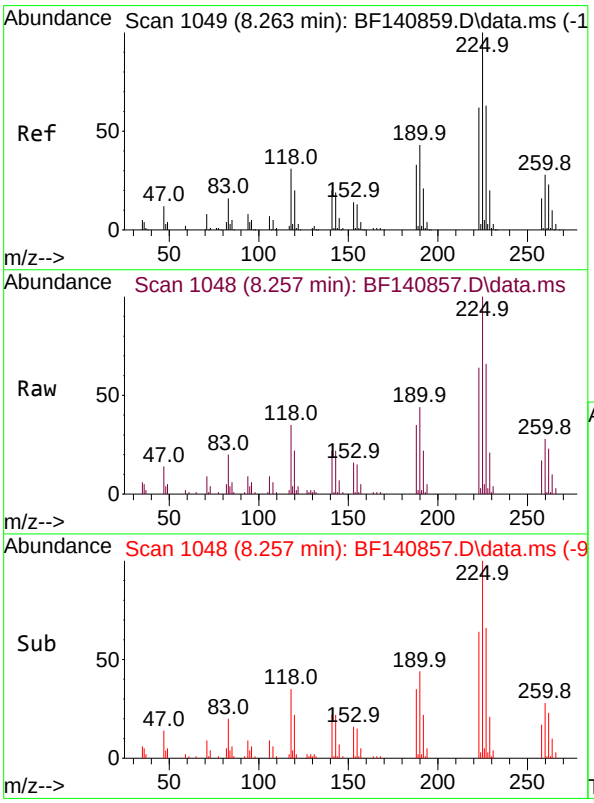
#33
4-Chloroaniline
Concen: 10.269 ng
RT: 8.204 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 55948

Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.0	39.0
65	31.2	26.0	39.0
92	19.5	16.7	25.1

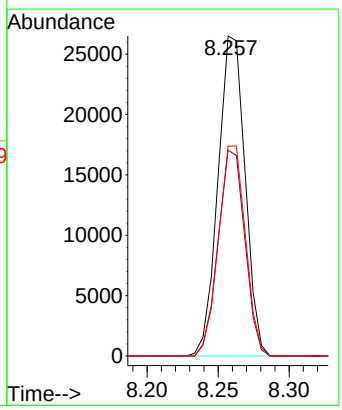


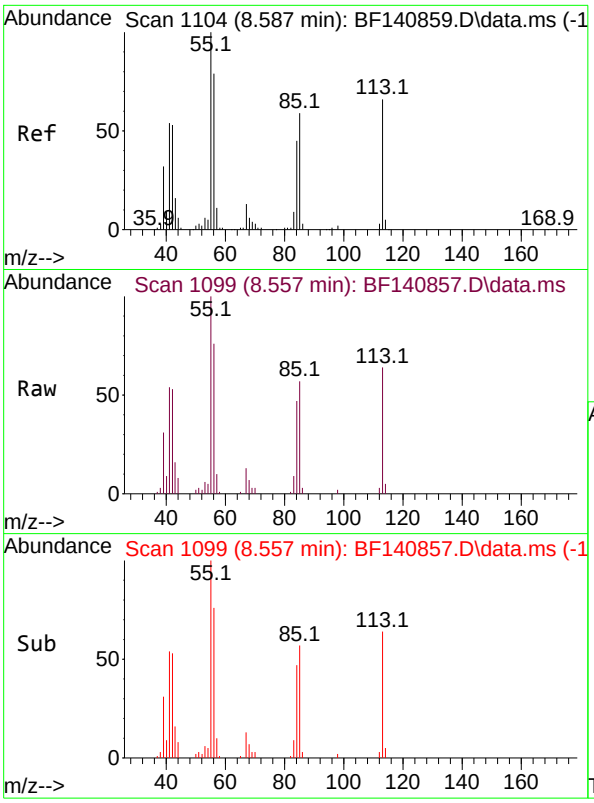


#34
Hexachlorobutadiene
Concen: 10.022 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:225 Resp: 35099

Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.6	74.4
227	65.5	50.7	76.1



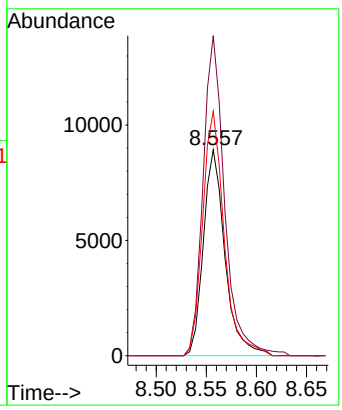


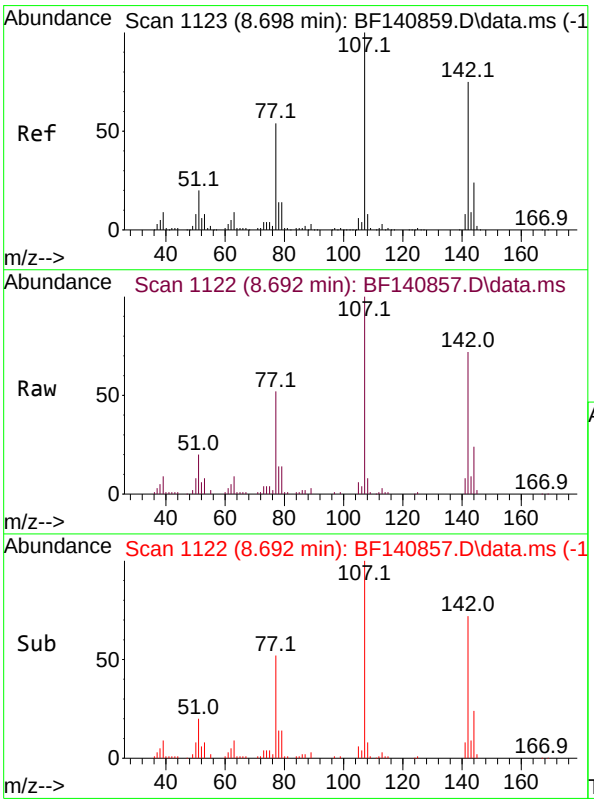
#35
Caprolactam
Concen: 9.925 ng
RT: 8.557 min Scan# 1(
Delta R.T. -0.030 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 13417

Ion	Ratio	Lower	Upper
113	100		
55	155.4	132.3	172.3
56	118.6	100.3	140.3

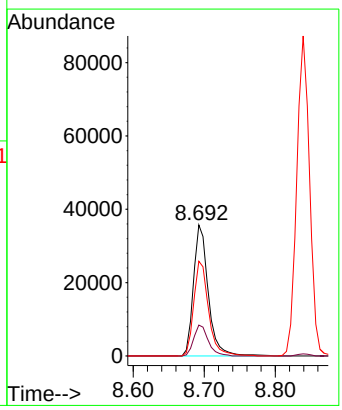


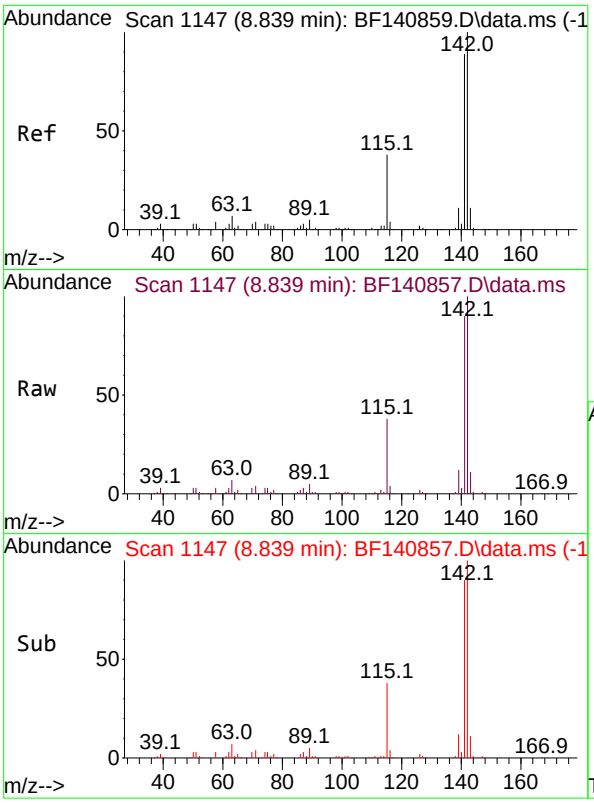


#36
4-Chloro-3-methylphenol
Concen: 10.150 ng
RT: 8.692 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:107 Resp: 51876

Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.4	29.2
142	72.3	60.3	90.5



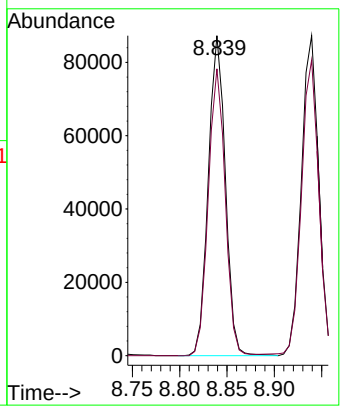


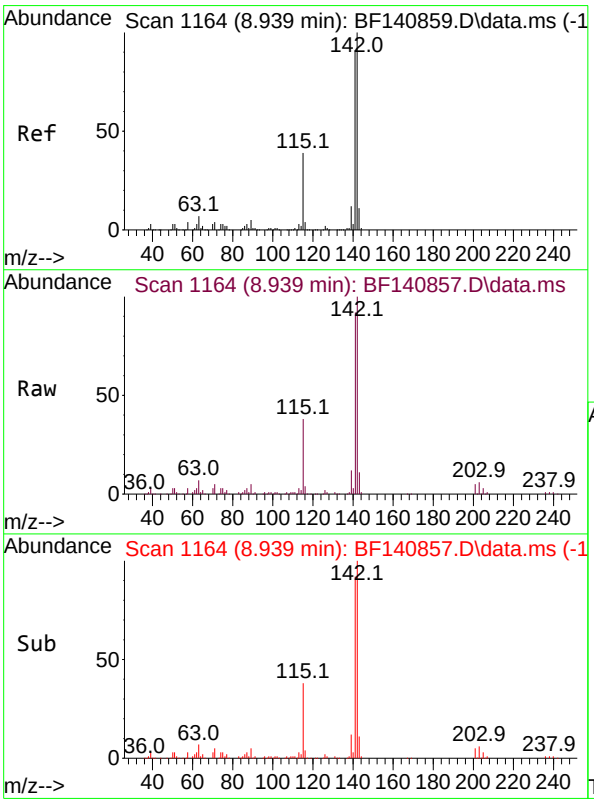
#37
2-Methylnaphthalene
Concen: 10.093 ng
RT: 8.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 109525

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6

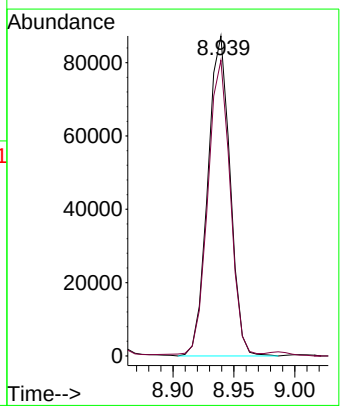


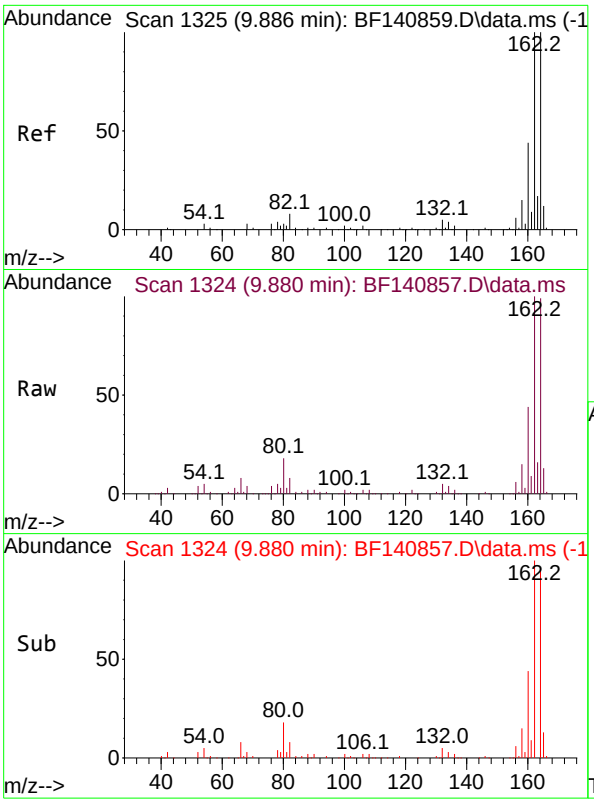


#38
1-Methylnaphthalene
Concen: 10.335 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:142 Resp: 110917

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.4	110.0



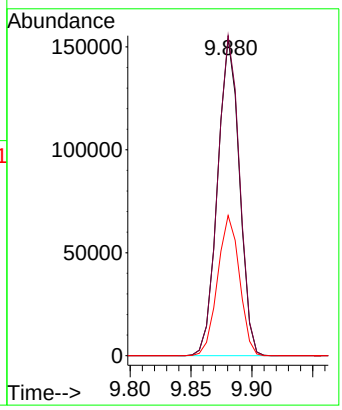


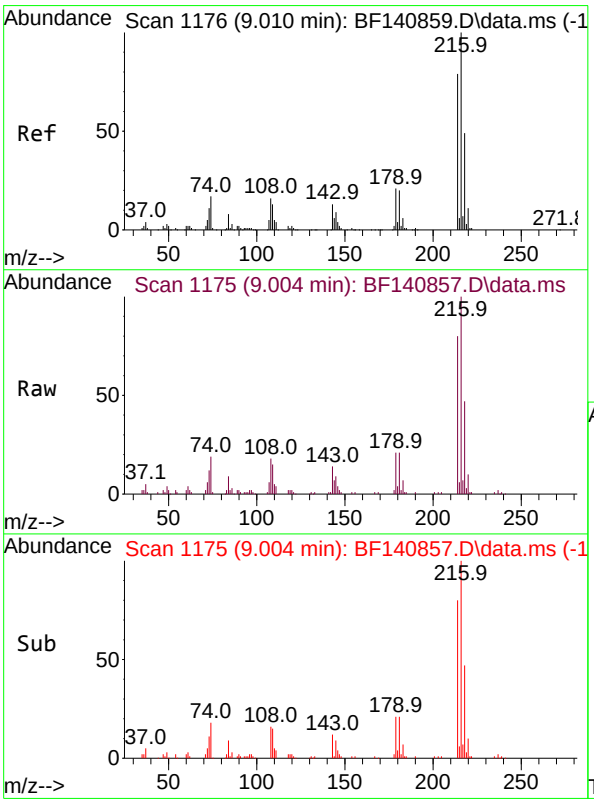
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 192062

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.9	119.9
160	44.2	35.2	52.8

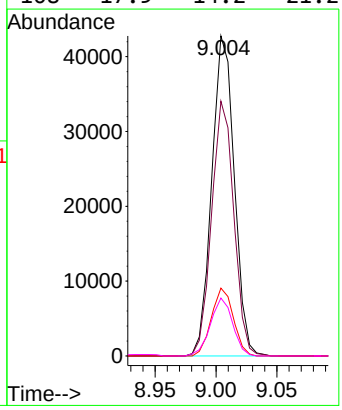


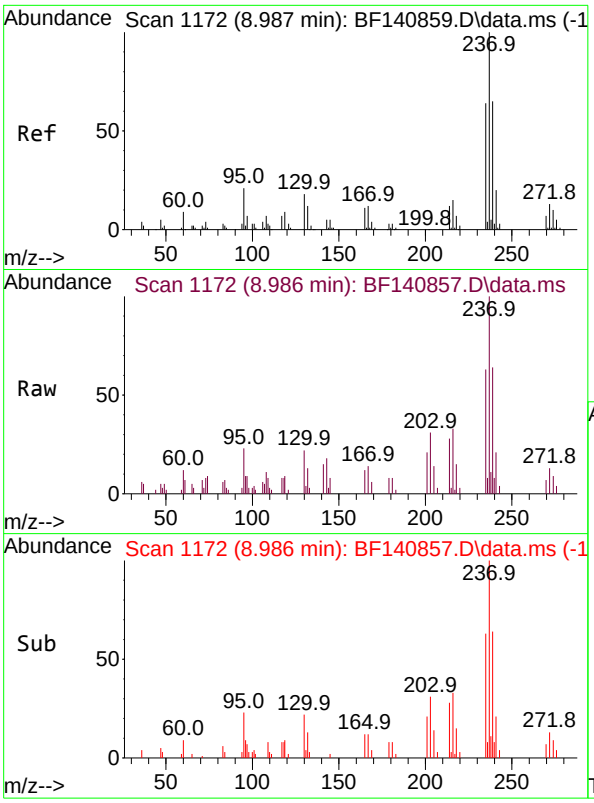


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.320 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:216 Resp: 55018

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.6	95.4
179	20.7	17.0	25.4
108	17.9	14.2	21.2



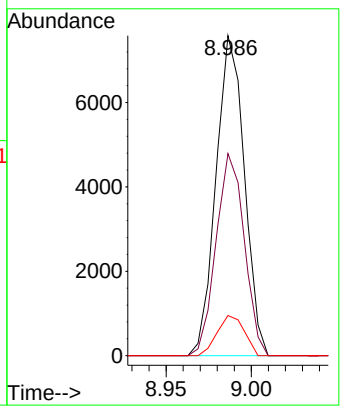


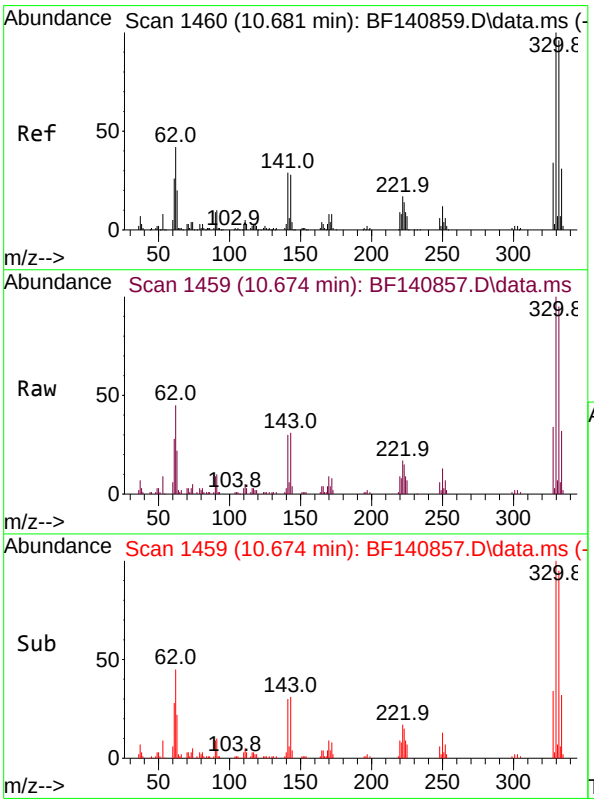
#41
Hexachlorocyclopentadiene
Concen: 8.866 ng
RT: 8.986 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 8781

Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.7	83.7
272	12.5	0.0	32.9

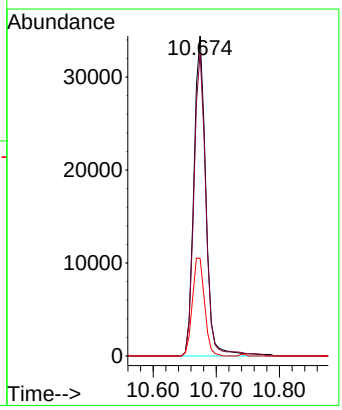


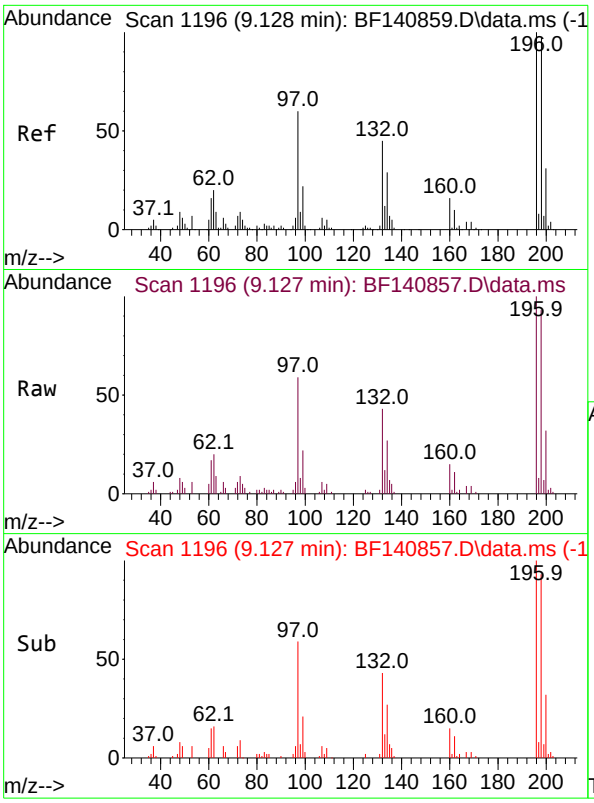


#42
2,4,6-Tribromophenol
Concen: 19.954 ng
RT: 10.674 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:330 Resp: 45327

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.2	114.4
141	31.1	24.9	37.3



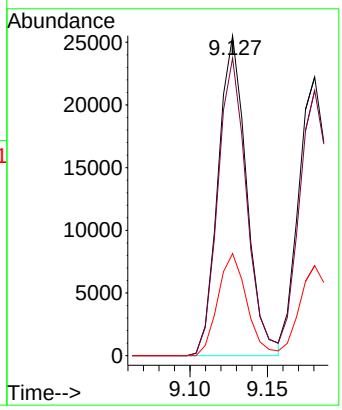


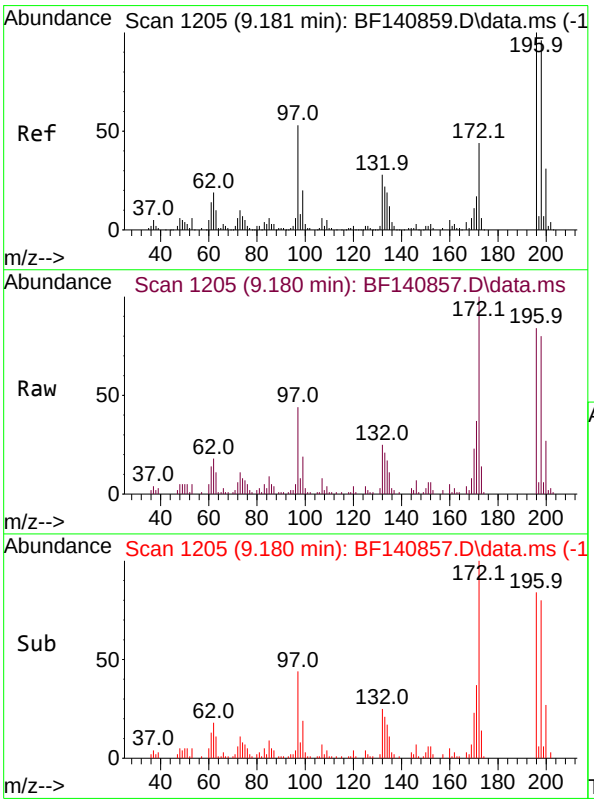
#43
2,4,6-Trichlorophenol
Concen: 9.006 ng
RT: 9.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 32555

Ion	Ratio	Lower	Upper
196	100		
198	93.0	77.4	116.0
200	31.9	24.5	36.7

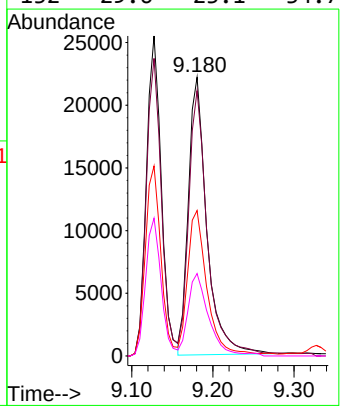


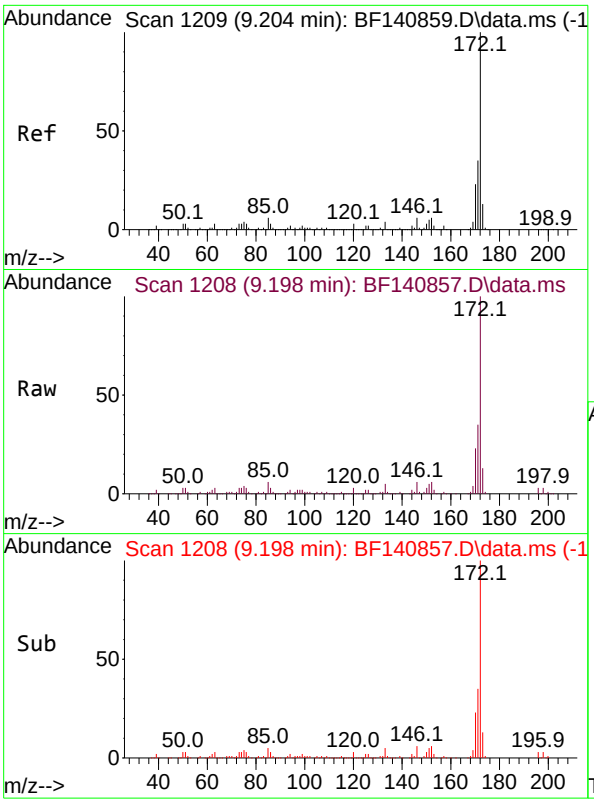


#44
2,4,5-Trichlorophenol
Concen: 8.817 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:196 Resp: 35030

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.2	115.8
97	52.2	42.2	63.4
132	29.6	23.1	34.7



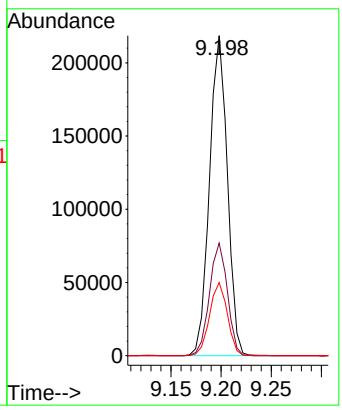


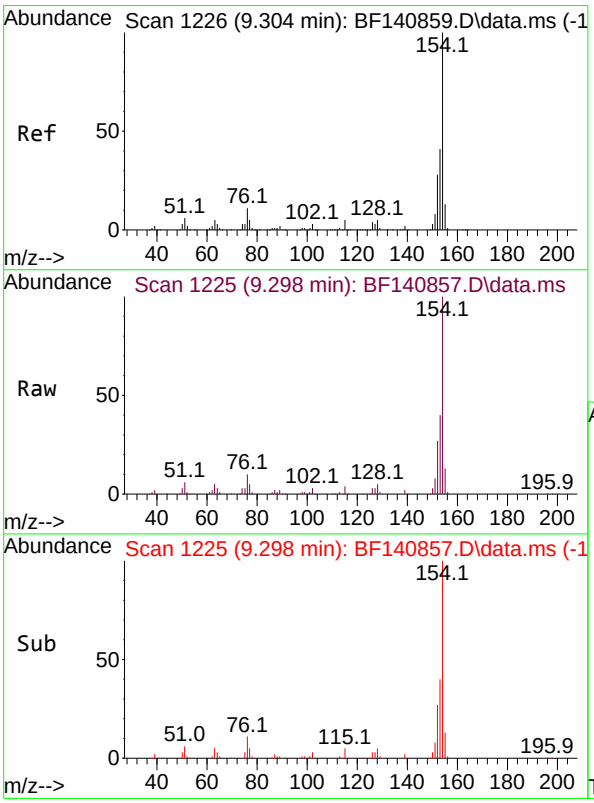
#45
2-Fluorobiphenyl
Concen: 19.381 ng
RT: 9.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 270749

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.4	42.6
170	22.8	18.6	28.0

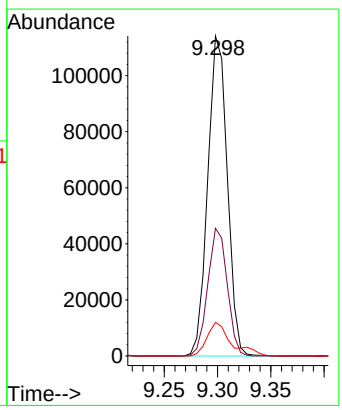


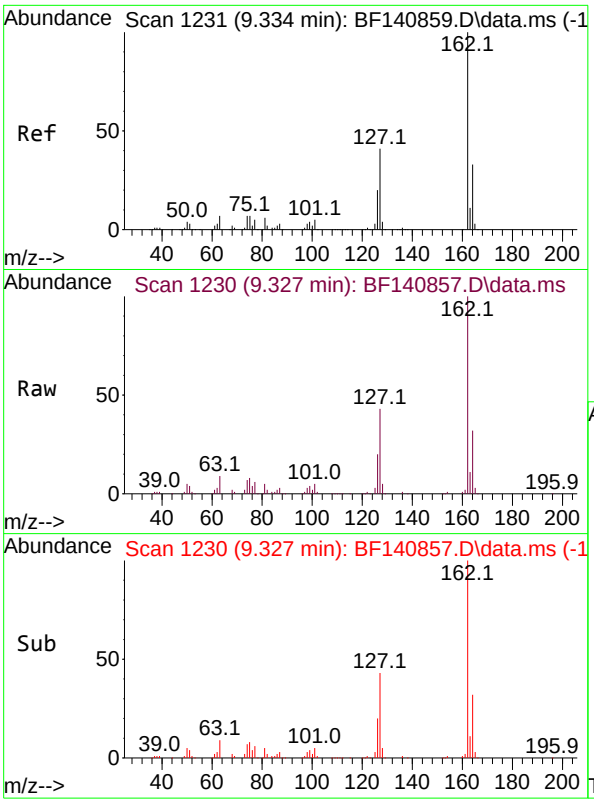


#46
1,1'-Biphenyl
Concen: 9.509 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:154 Resp: 145227

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.8	60.8
76	10.5	0.0	31.0



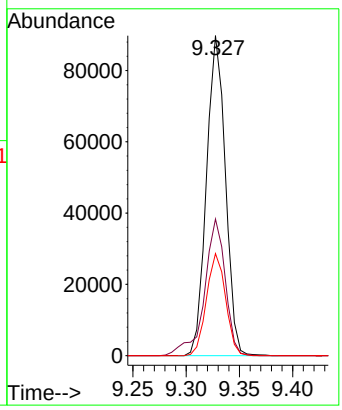


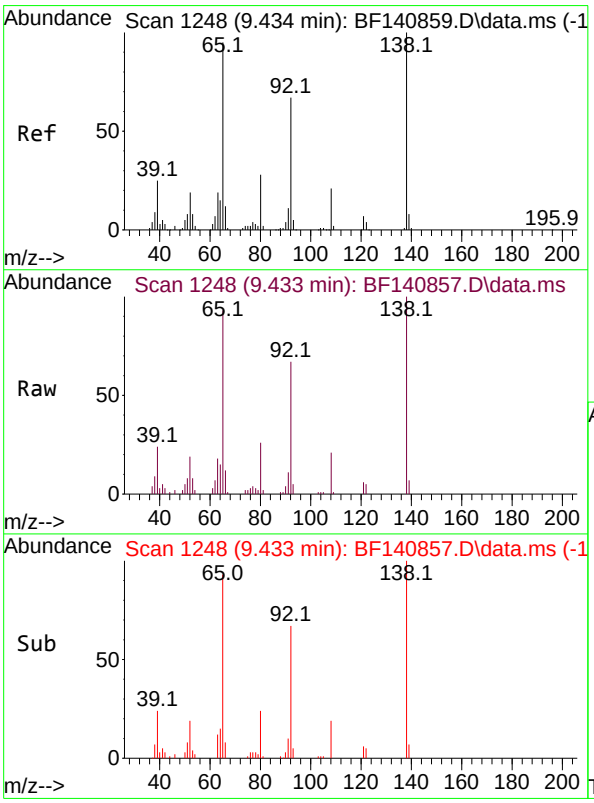
#47
2-Chloronaphthalene
Concen: 9.507 ng
RT: 9.327 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 111077

Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.5	50.3
164	31.9	26.2	39.2

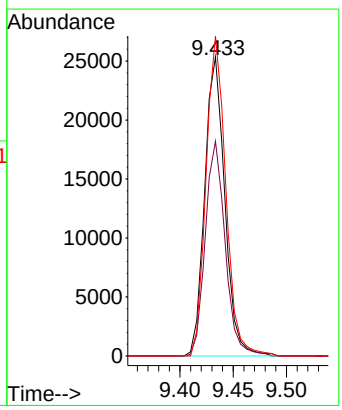


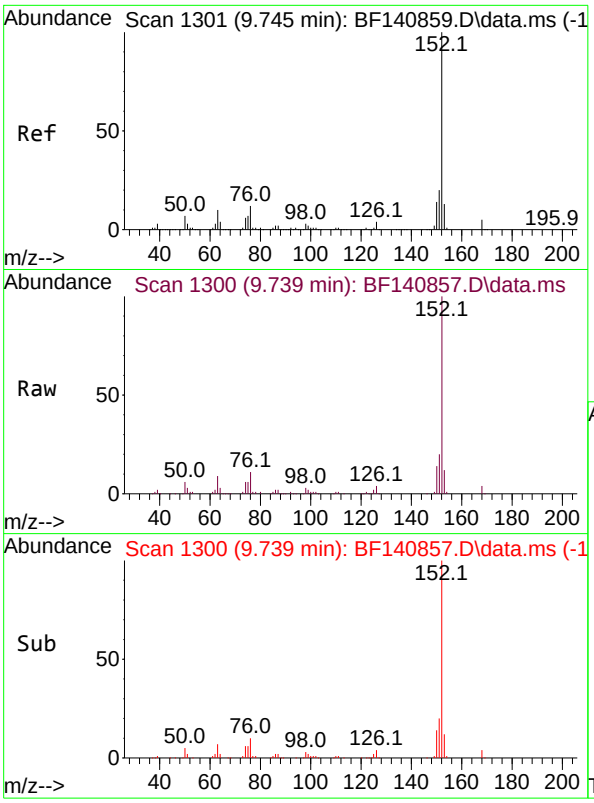


#48
2-Nitroaniline
Concen: 9.416 ng
RT: 9.433 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion: 65 Resp: 33225

Ion	Ratio	Lower	Upper
65	100		
92	71.8	56.3	84.5
138	107.0	83.8	125.6



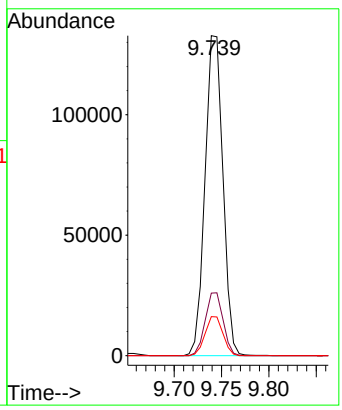


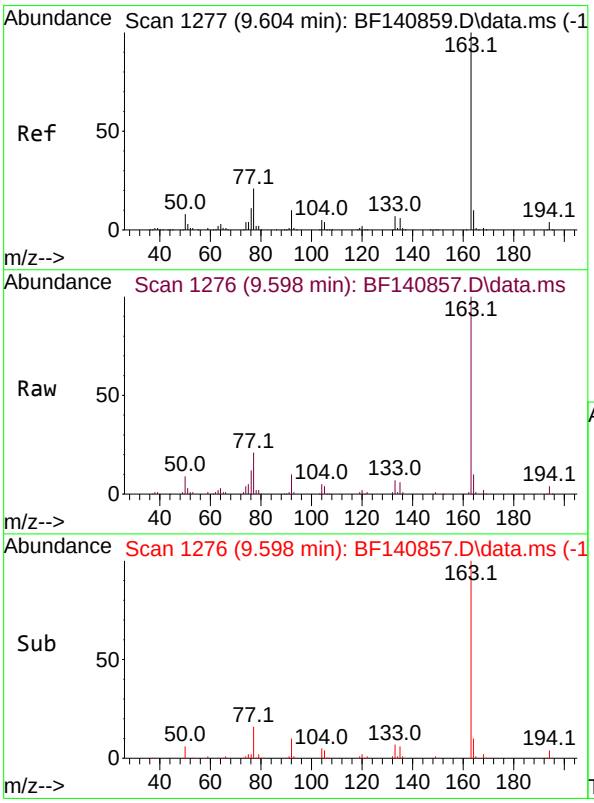
#49
Acenaphthylene
Concen: 10.187 ng
RT: 9.739 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 174905

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	12.2	10.6	16.0

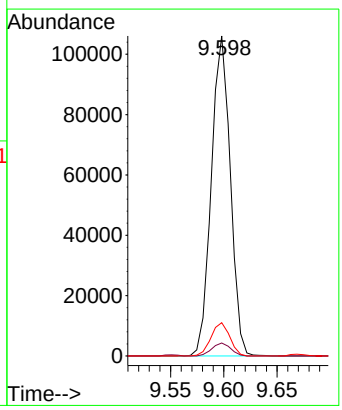


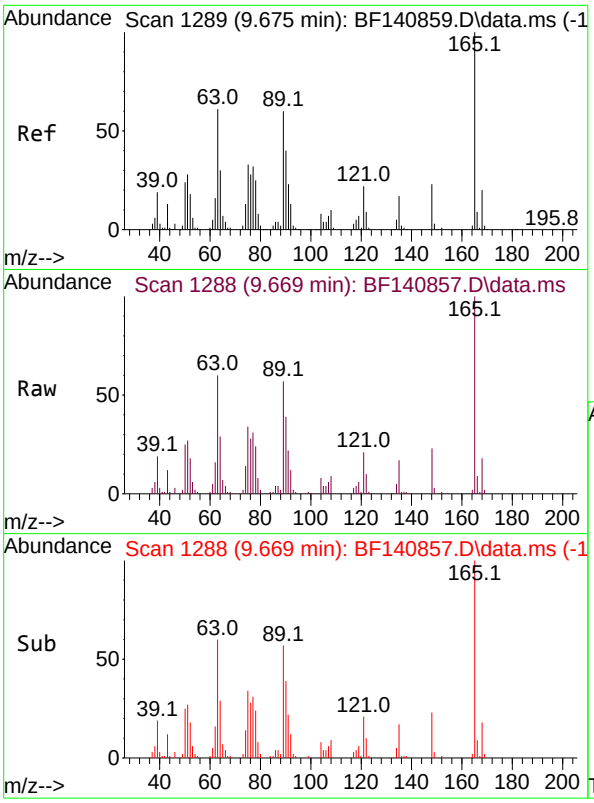


#50
Dimethylphthalate
Concen: 9.693 ng
RT: 9.598 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:163 Resp: 131257

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.4	8.1	12.1



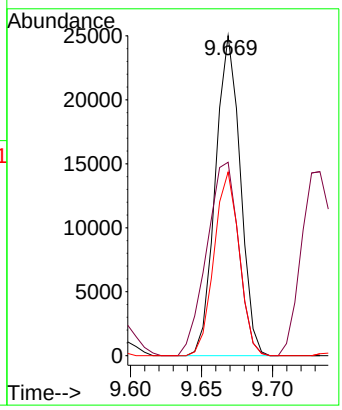


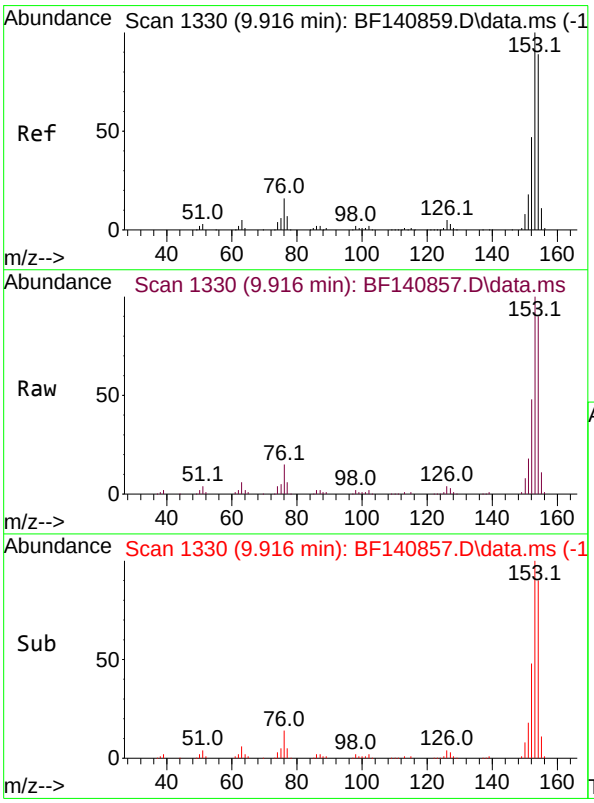
#51
2,6-Dinitrotoluene
Concen: 9.831 ng
RT: 9.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 30431

Ion	Ratio	Lower	Upper
165	100		
63	60.5	49.7	74.5
89	57.4	48.2	72.4

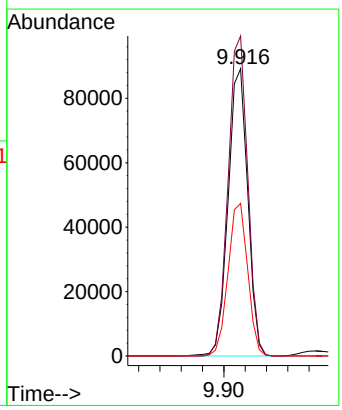


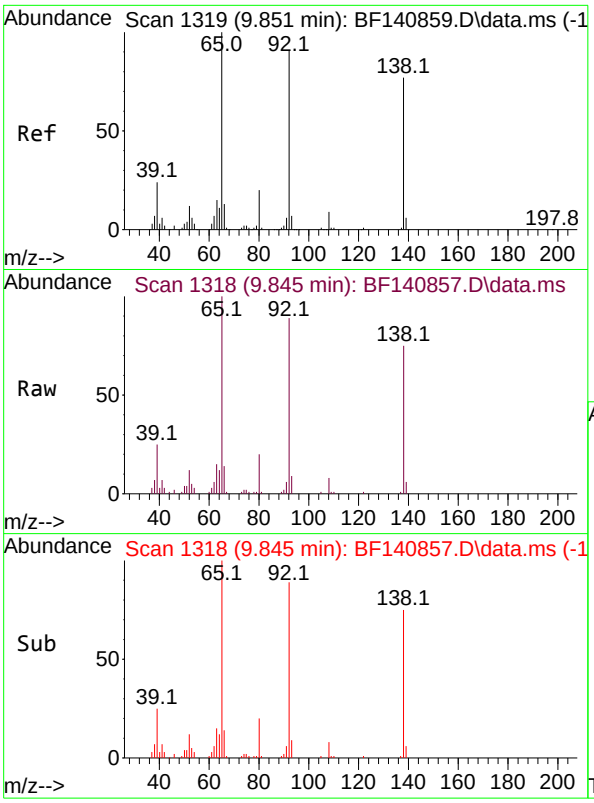


#52
Acenaphthene
Concen: 10.419 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:154 Resp: 114273

Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.9	134.9
152	53.1	42.6	63.8



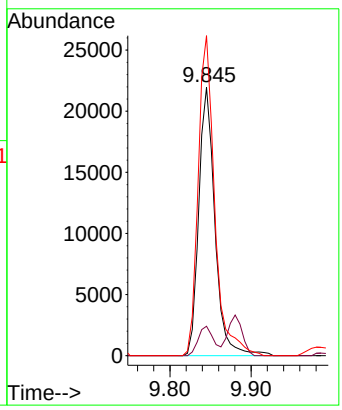


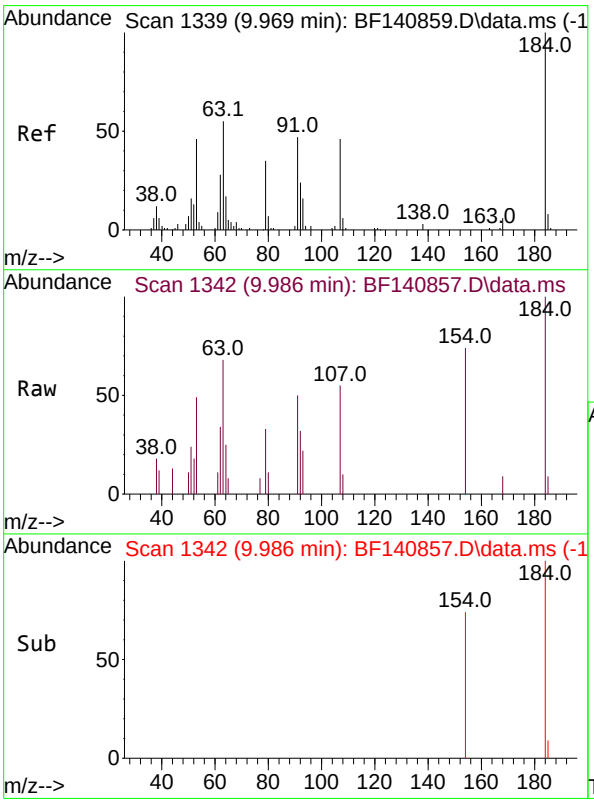
#53
3-Nitroaniline
Concen: 9.885 ng
RT: 9.845 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 30367

Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.0	13.4
92	119.2	95.5	143.3

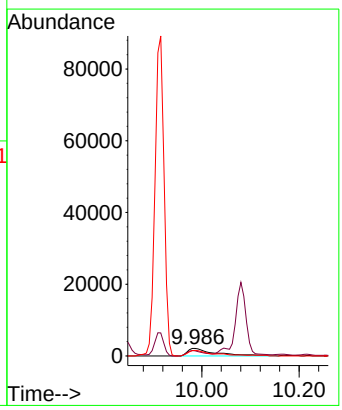


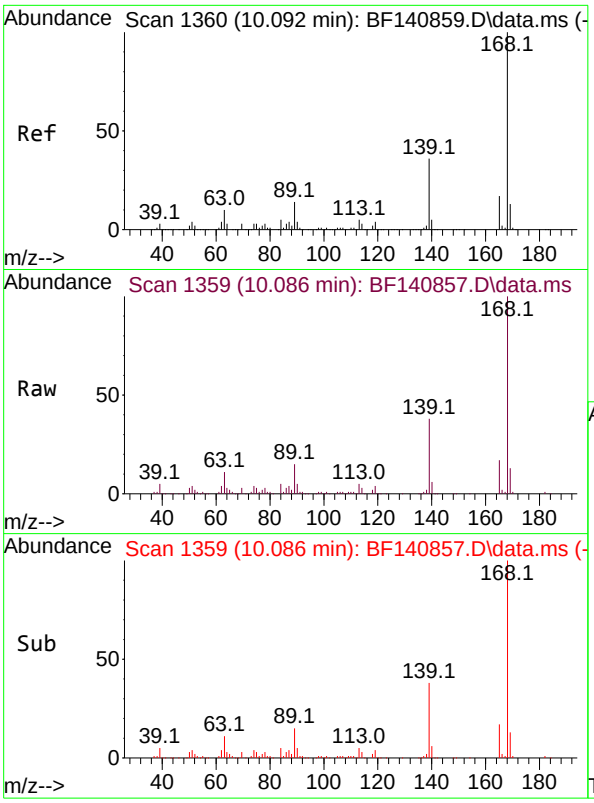


#54
2,4-Dinitrophenol
Concen: 11.701 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.017 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:184 Resp: 8488

Ion	Ratio	Lower	Upper
184	100		
63	67.8	51.6	77.4
154	74.2	56.1	84.1



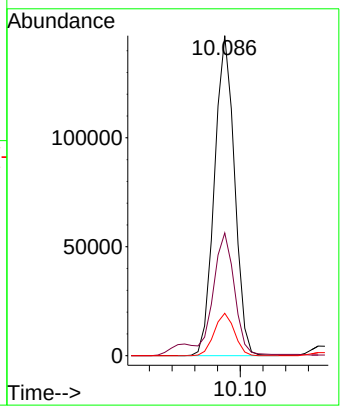


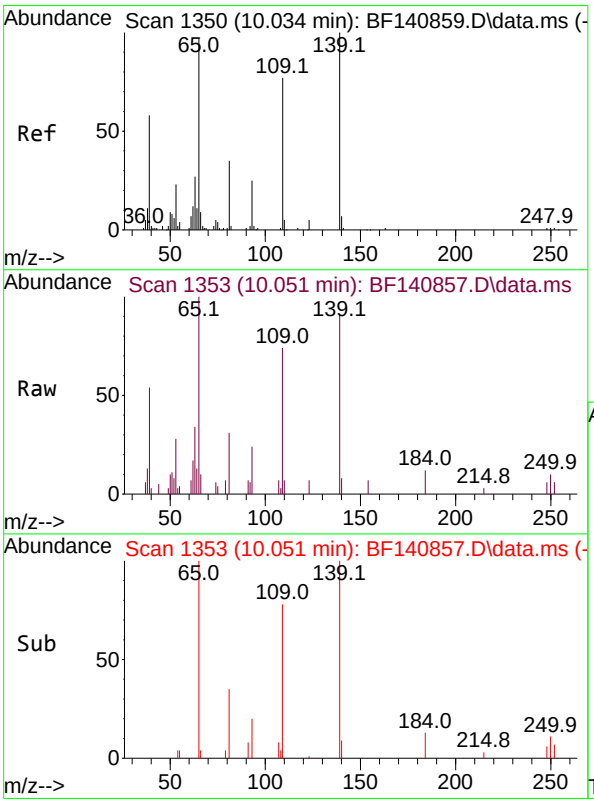
#55
Dibenzofuran
Concen: 10.598 ng
RT: 10.086 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 180108

Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.1	46.7
169	13.3	10.6	16.0

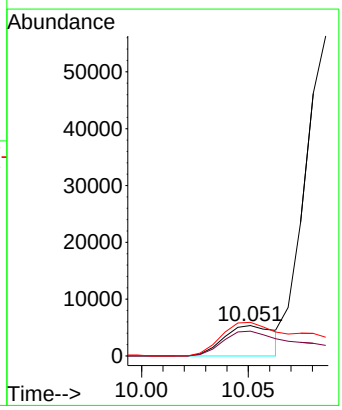


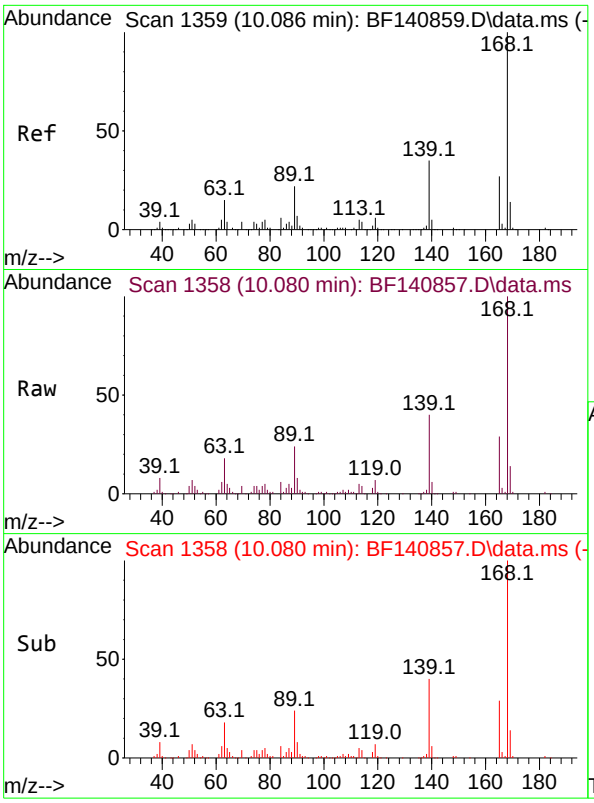


#56
4-Nitrophenol
Concen: 9.461 ng m
RT: 10.051 min Scan# 1353
Delta R.T. 0.017 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:139 Resp: 8781

Ion	Ratio	Lower	Upper
139	100		
109	81.7	56.7	96.7
65	110.3	78.1	118.1



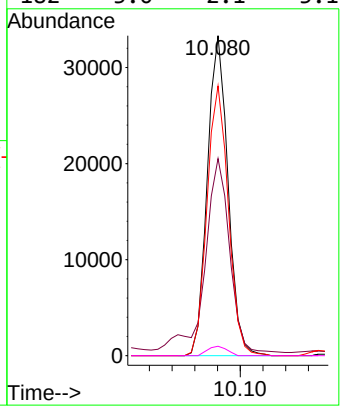


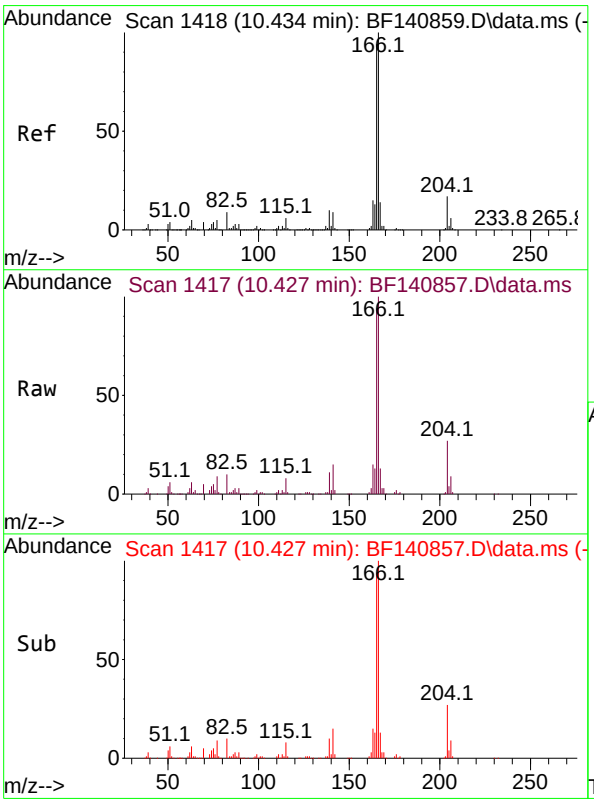
#57
2,4-Dinitrotoluene
Concen: 10.339 ng
RT: 10.080 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 42109

Ion	Ratio	Lower	Upper
165	100		
63	61.6	49.3	73.9
89	84.3	66.2	99.4
182	3.0	2.1	3.1

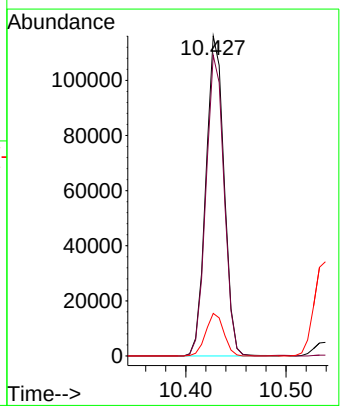


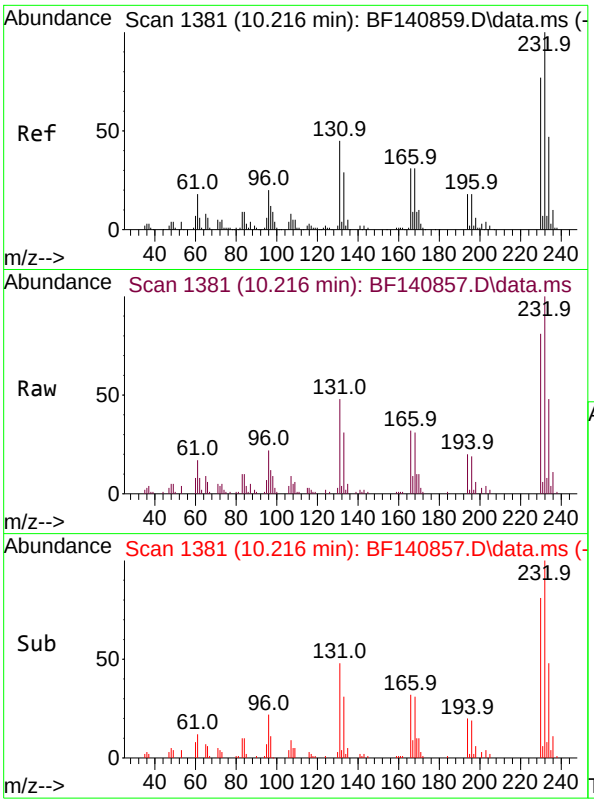


#58
Fluorene
Concen: 10.424 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:166 Resp: 146155

Ion	Ratio	Lower	Upper
166	100		
165	93.9	75.1	112.7
167	13.3	11.1	16.7



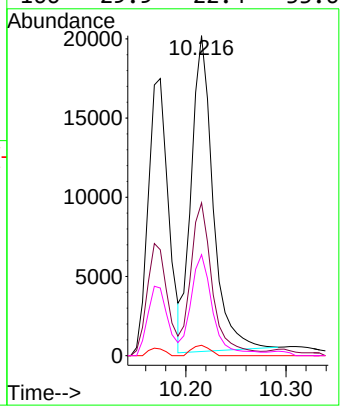


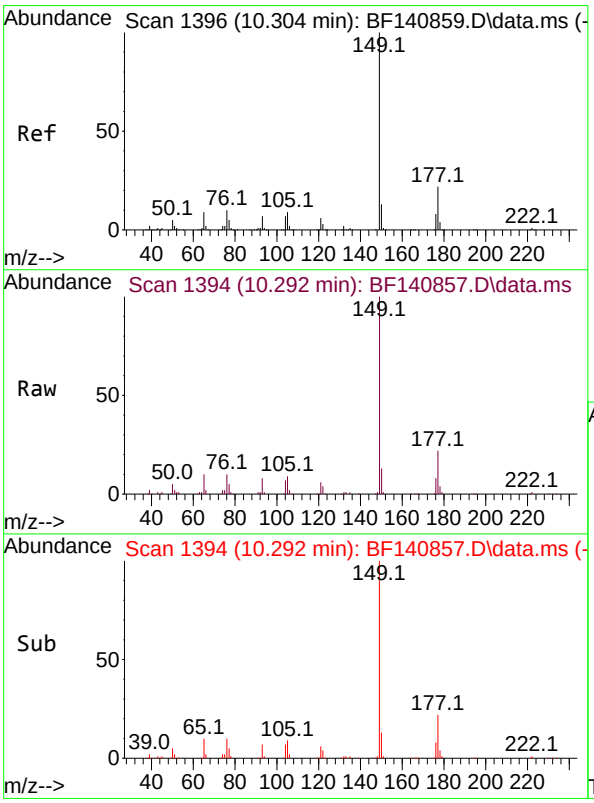
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.251 ng
RT: 10.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 29950

Ion	Ratio	Lower	Upper
232	100		
131	48.8	35.1	52.7
130	2.7	1.8	2.8
166	29.9	22.4	33.6

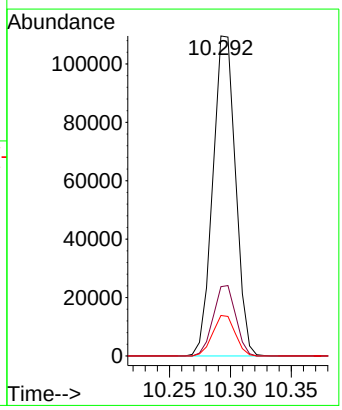


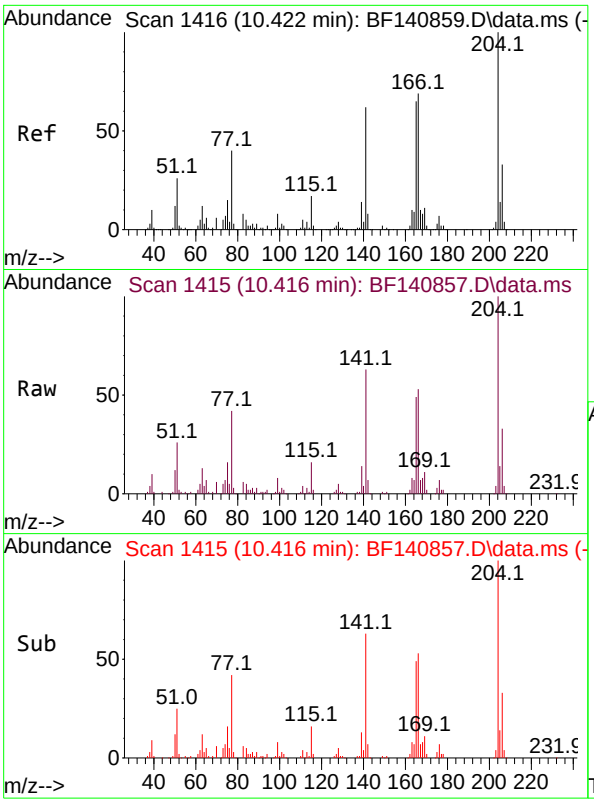


#60
Diethylphthalate
Concen: 10.147 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.012 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:149 Resp: 142484

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.2	25.8
150	12.7	10.1	15.1



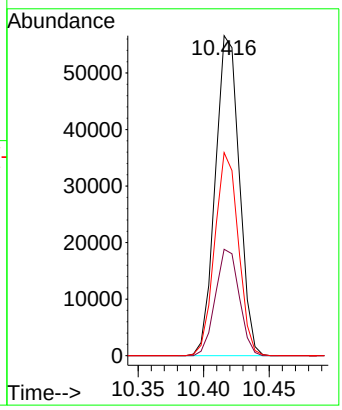


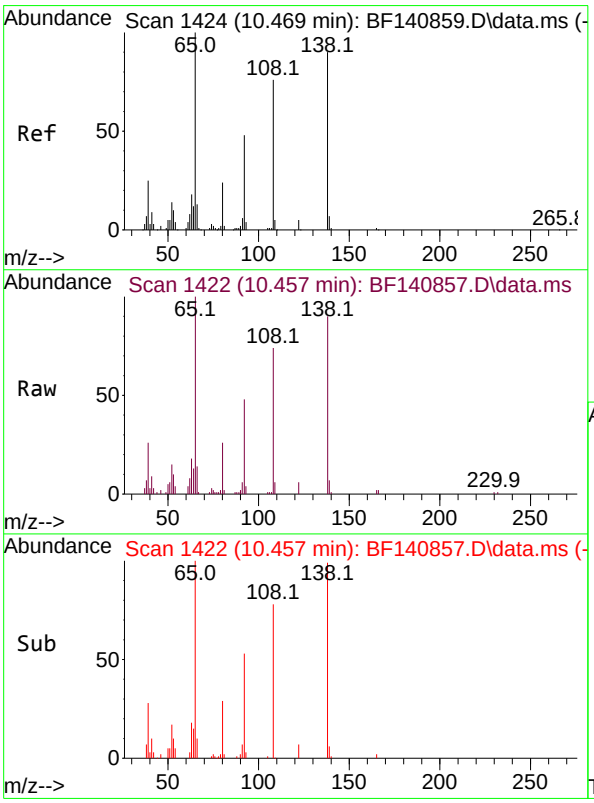
#61
4-Chlorophenyl-phenylether
Concen: 10.224 ng
RT: 10.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 72010

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	63.4	50.0	75.0

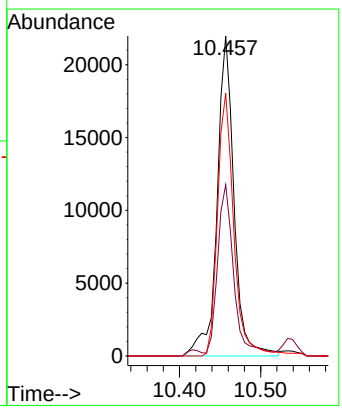


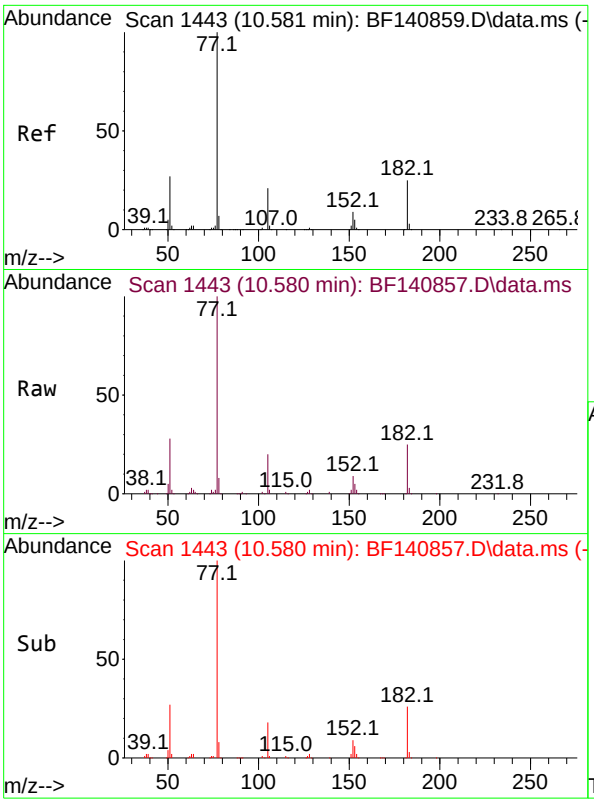


#62
4-Nitroaniline
Concen: 9.956 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:138 Resp: 31962

Ion	Ratio	Lower	Upper
138	100		
92	53.5	32.6	72.6
108	82.1	64.1	104.1



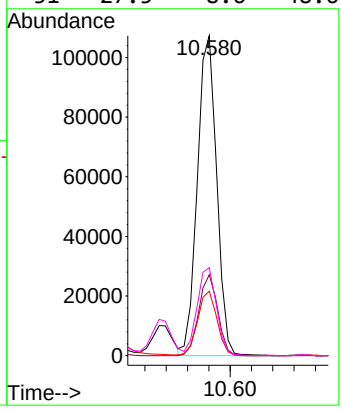


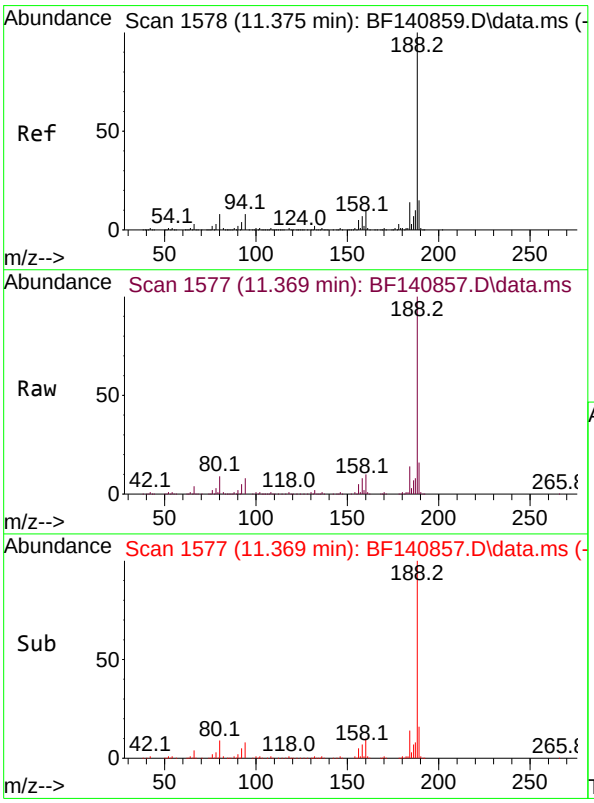
#63
Azobenzene
Concen: 10.267 ng
RT: 10.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 135524

Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.5	44.5
105	20.1	0.9	40.9
51	27.5	8.6	48.6

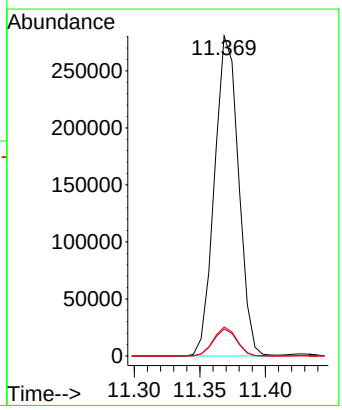


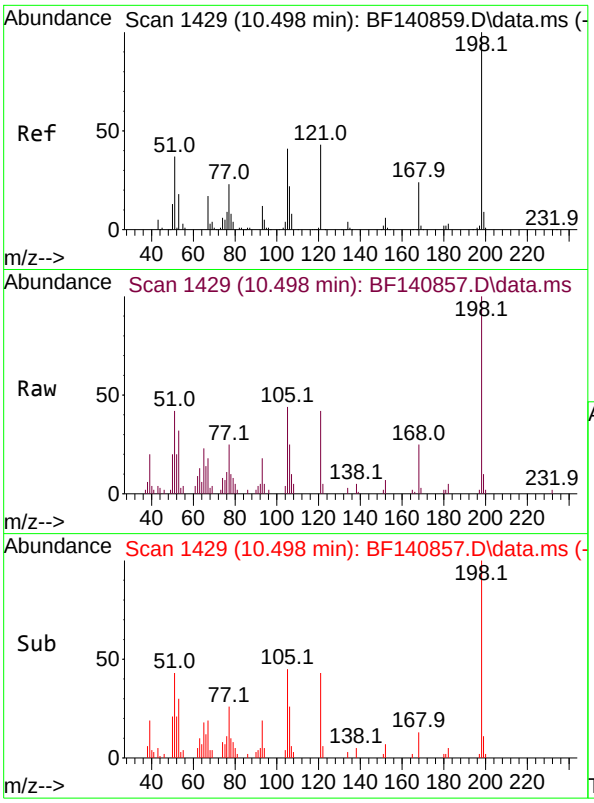


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:188 Resp: 358020

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.4	9.6
80	9.1	6.8	10.2



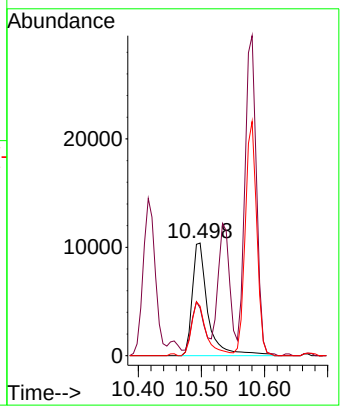


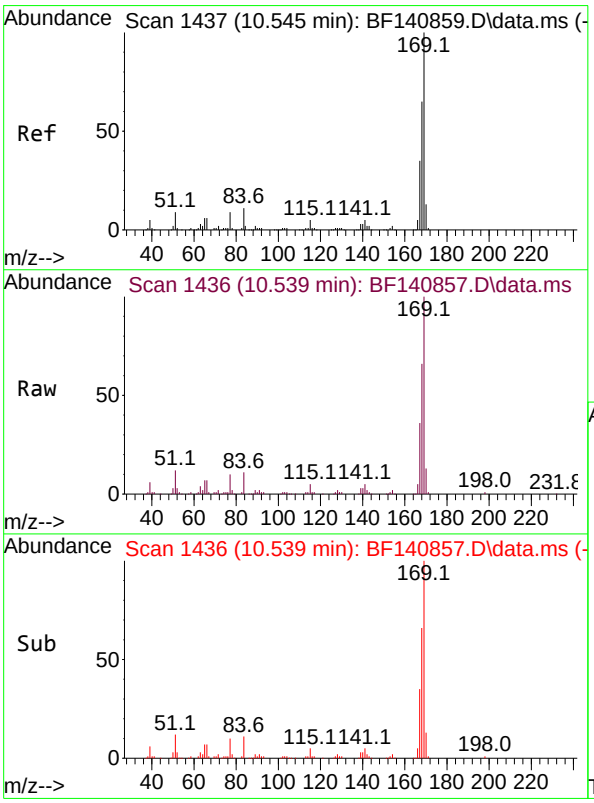
#65
4,6-Dinitro-2-methylphenol
Concen: 8.752 ng
RT: 10.498 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 17756

Ion	Ratio	Lower	Upper
198	100		
51	42.2	24.4	64.4
105	43.9	22.1	62.1

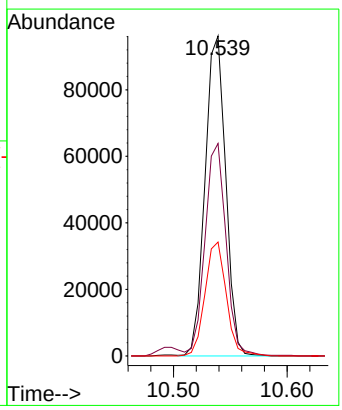


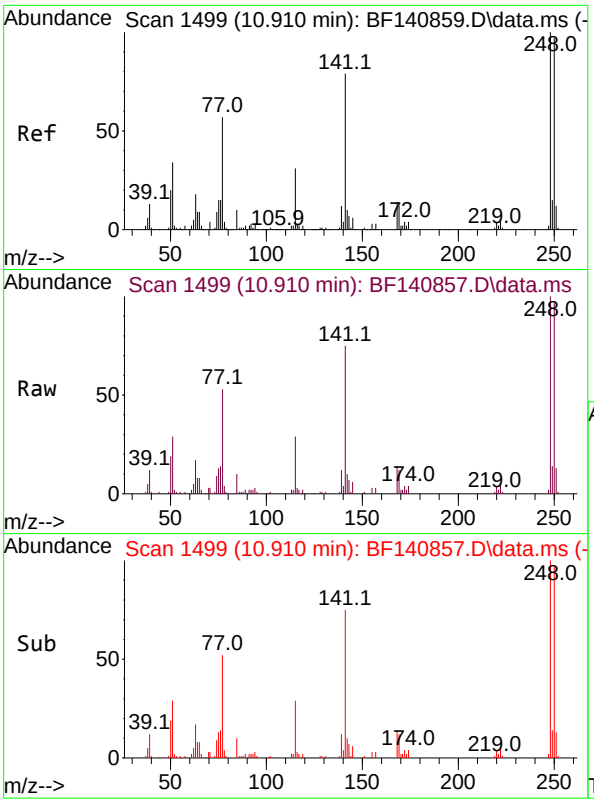


#66
n-Nitrosodiphenylamine
Concen: 11.038 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:169 Resp: 121500

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.4	80.0
167	35.6	28.3	42.5



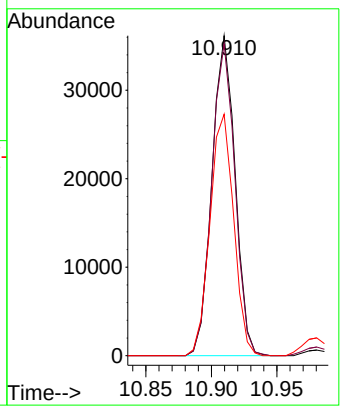


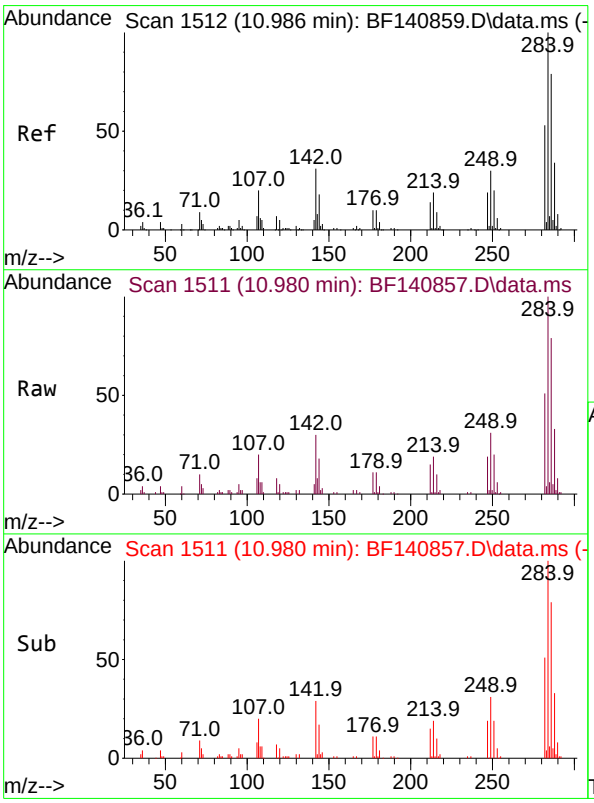
#67
4-Bromophenyl-phenylether
Concen: 11.082 ng
RT: 10.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 44385

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.4	116.2
141	75.5	62.9	94.3

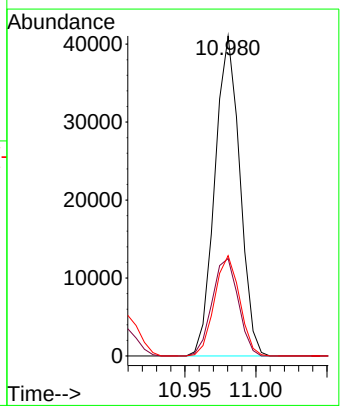


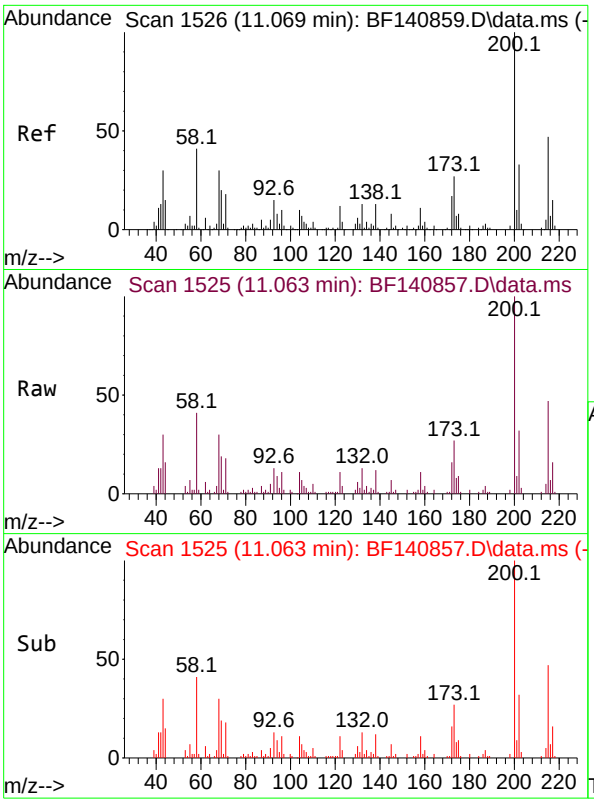


#68
Hexachlorobenzene
Concen: 11.040 ng
RT: 10.980 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:284 Resp: 50135

Ion	Ratio	Lower	Upper
284	100		
142	30.4	24.6	36.8
249	31.3	24.3	36.5



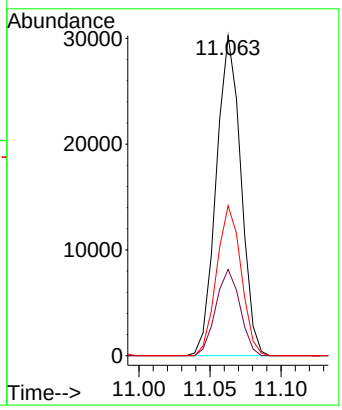


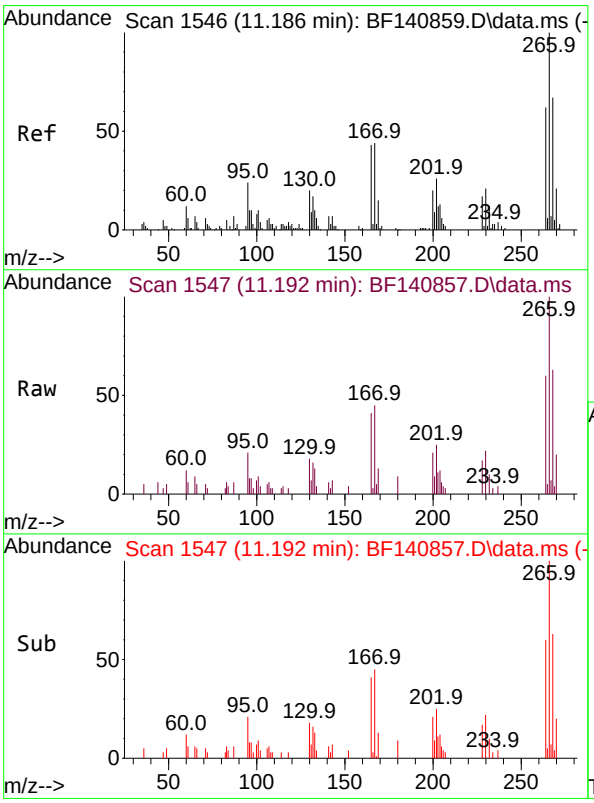
#69
Atrazine
Concen: 11.864 ng
RT: 11.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 36472

Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.6	46.6
215	46.8	26.7	66.7

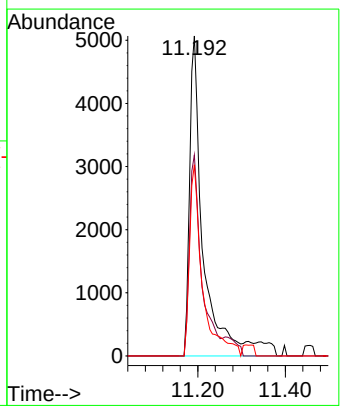


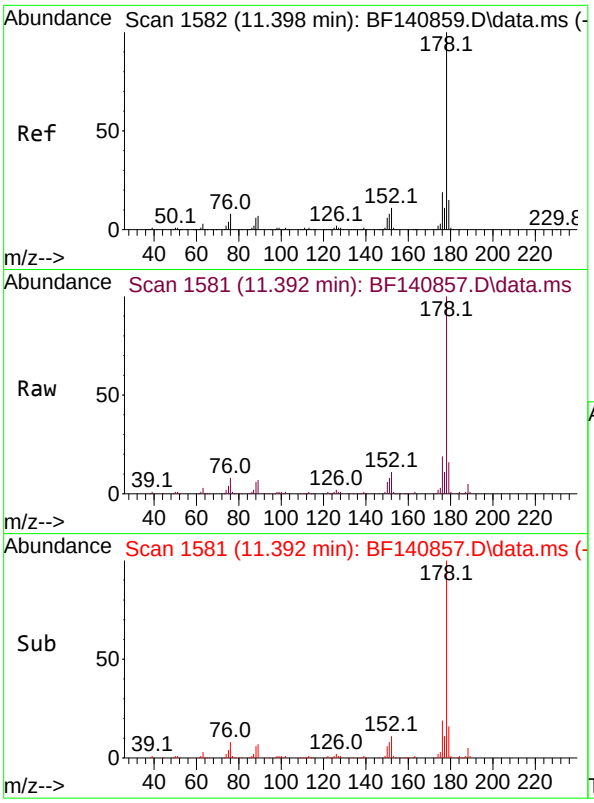


#70
Pentachlorophenol
Concen: 6.725 ng m
RT: 11.192 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:266 Resp: 11171

Ion	Ratio	Lower	Upper
266	100		
268	62.8	54.0	81.0
264	59.7	49.4	74.2



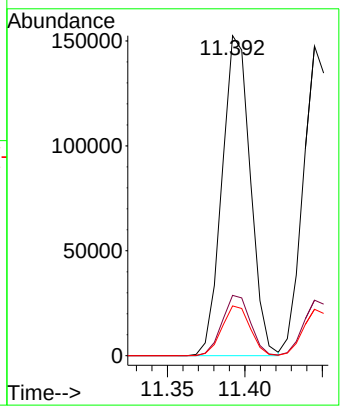


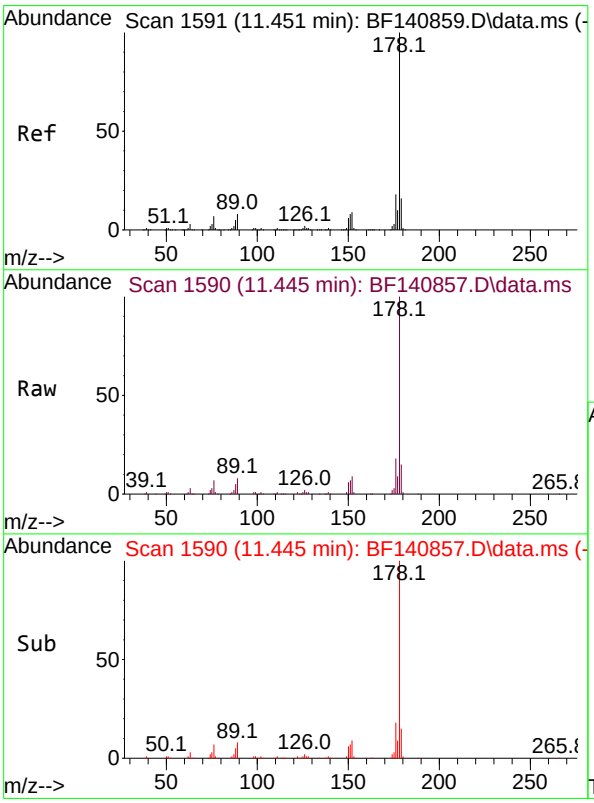
#71
Phenanthrene
Concen: 10.510 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 193504

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.6	12.1	18.1

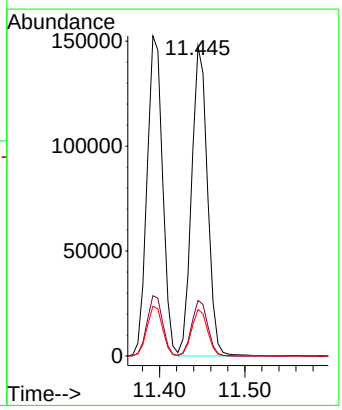


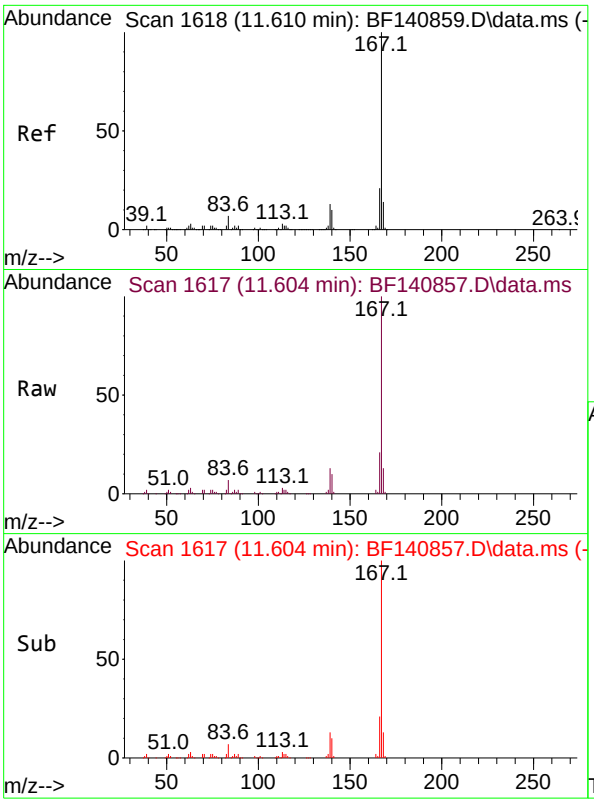


#72
Anthracene
Concen: 10.502 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:178 Resp: 190407

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.0	12.6	18.8



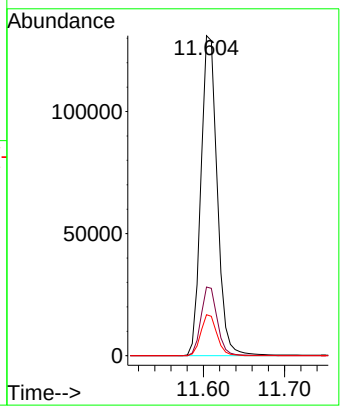


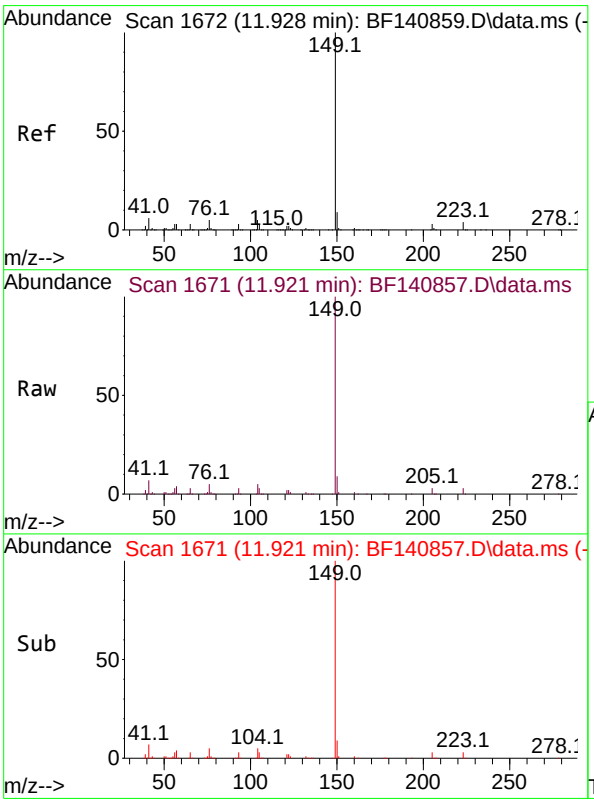
#73
Carbazole
Concen: 10.259 ng
RT: 11.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 182199

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.8	10.2	15.2

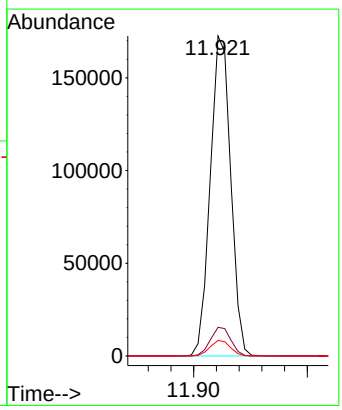


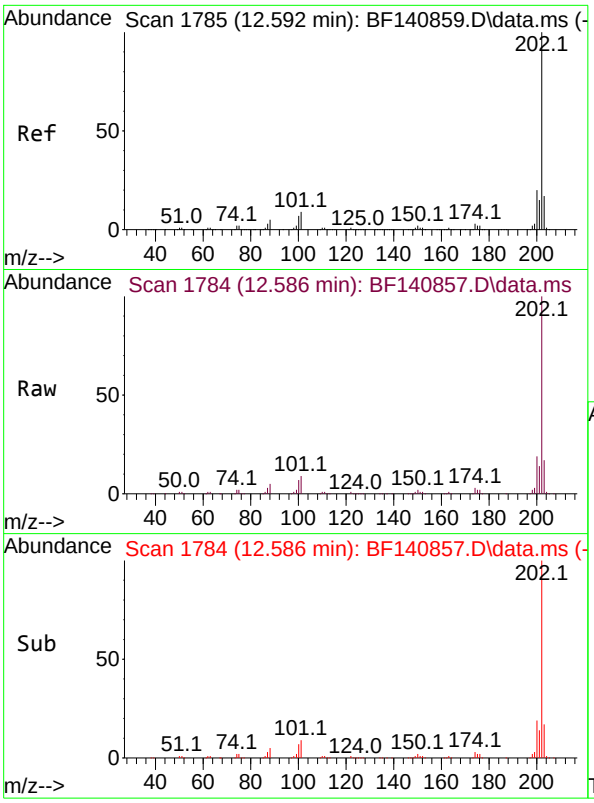


#74
Di-n-butylphthalate
Concen: 10.359 ng
RT: 11.921 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:149 Resp: 215903

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.9	3.8	5.8



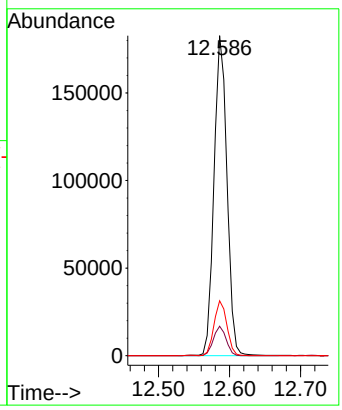


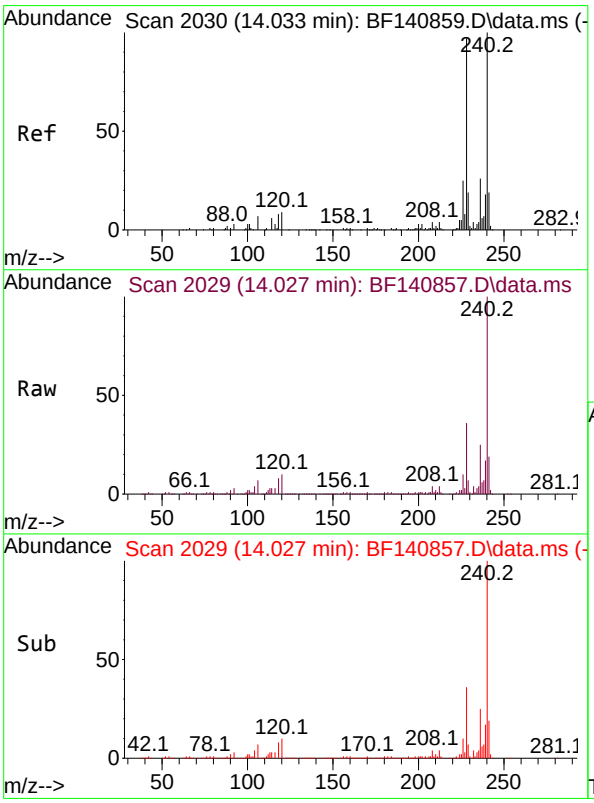
#75
Fluoranthene
Concen: 10.896 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 231038

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.3
203	17.1	0.0	37.4

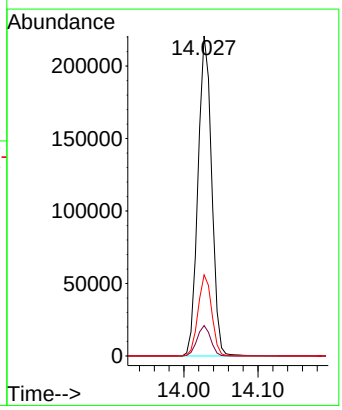


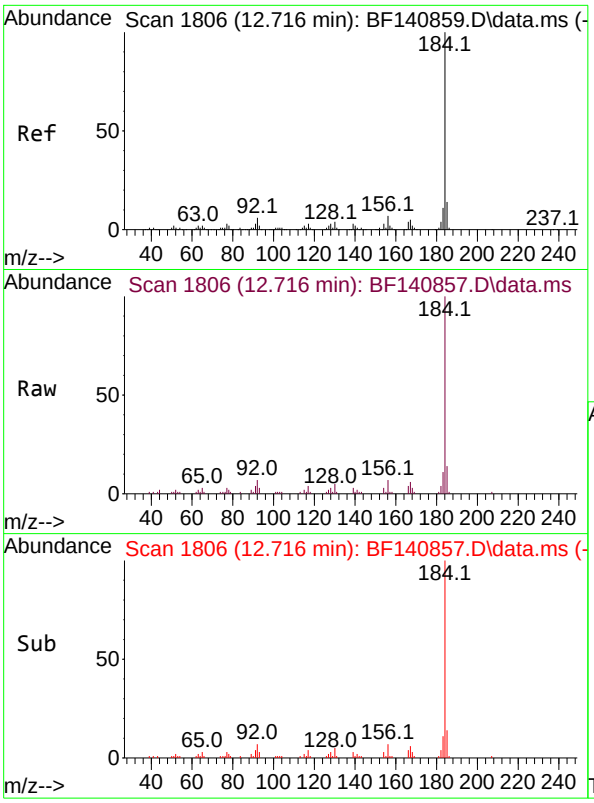


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:240 Resp: 282501

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.6	11.4
236	25.3	20.5	30.7



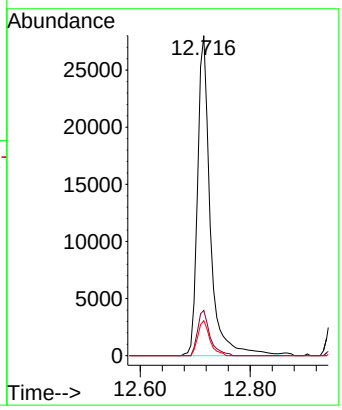


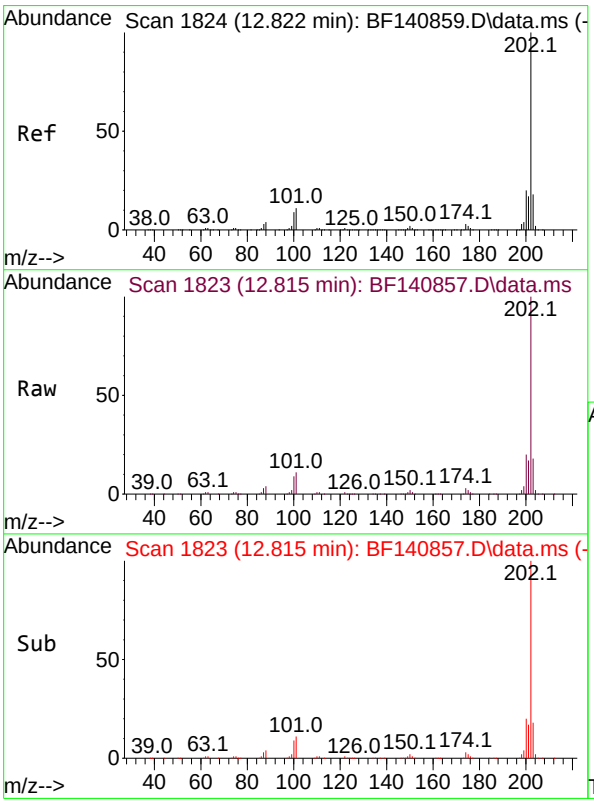
#77
Benzidine
Concen: 7.818 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 45074

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.1	16.7
183	11.0	9.0	13.4

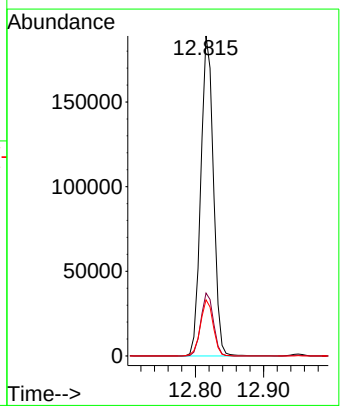


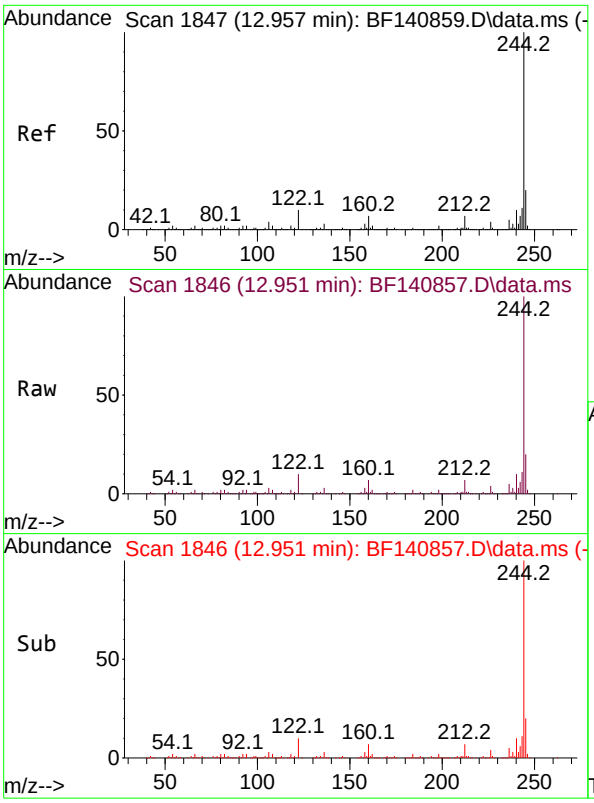


#78
Pyrene
Concen: 9.663 ng
RT: 12.815 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:202 Resp: 242761

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.1	24.1
203	17.5	14.2	21.4



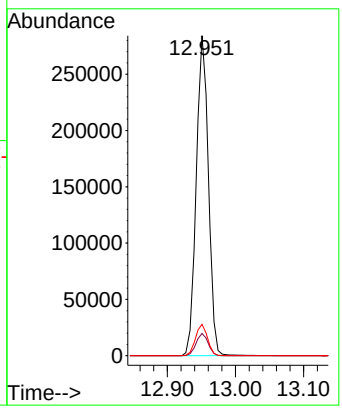


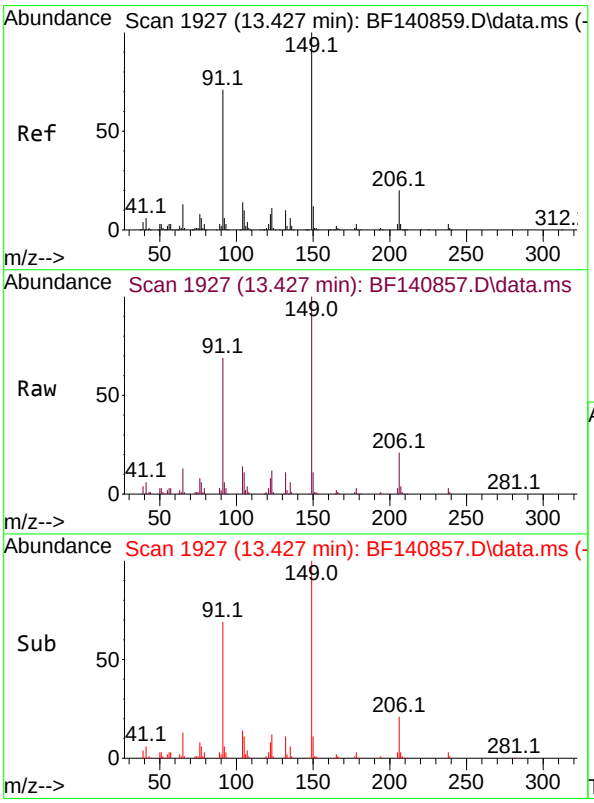
#79
Terphenyl-d14
Concen: 19.670 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 352398

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	9.8	8.2	12.2

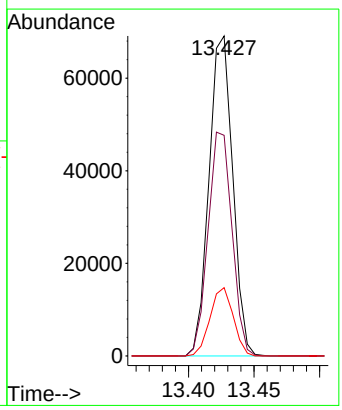


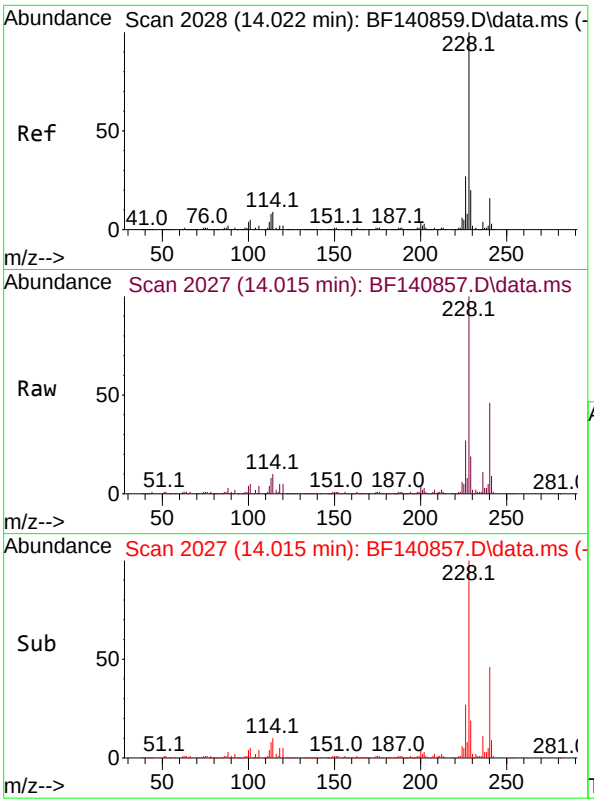


#80
Butylbenzylphthalate
Concen: 9.411 ng
RT: 13.427 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:149 Resp: 86987

Ion	Ratio	Lower	Upper
149	100		
91	69.0	56.7	85.1
206	21.4	16.4	24.6



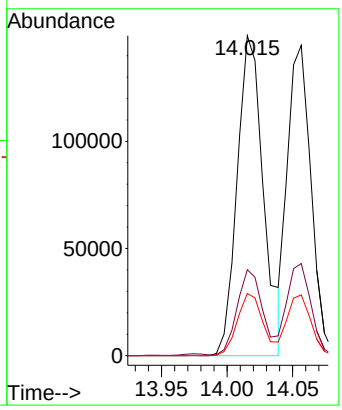


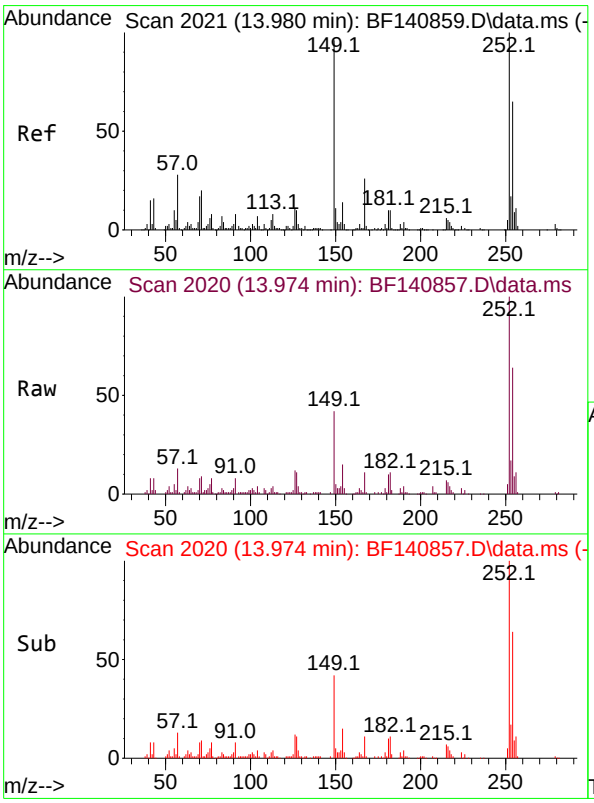
#81
Benzo(a)anthracene
Concen: 10.395 ng
RT: 14.015 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 208127

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.5	15.8	23.8

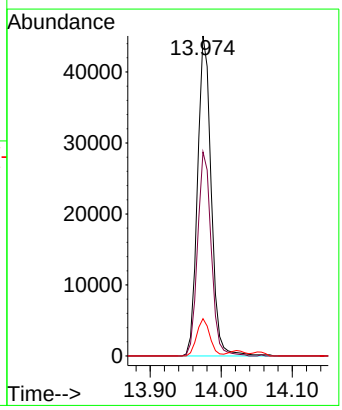


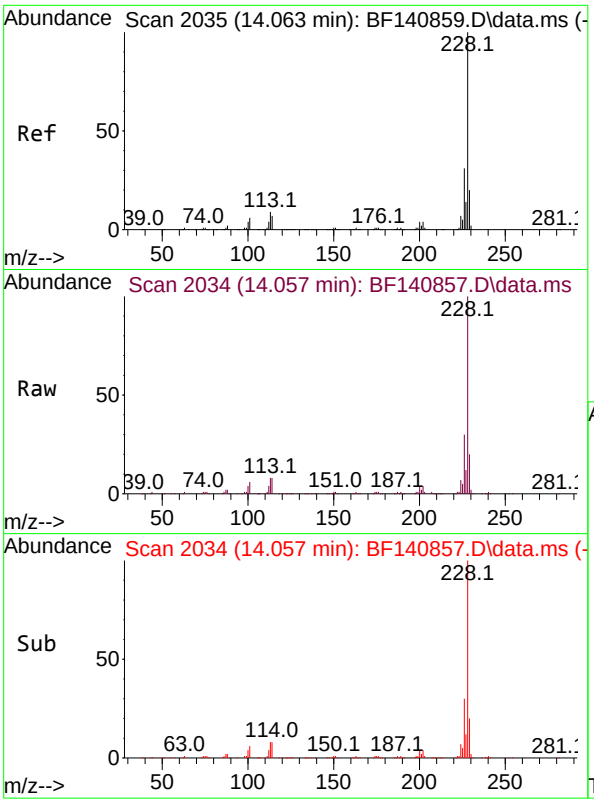


#82
3,3'-Dichlorobenzidine
Concen: 9.994 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:252 Resp: 60368

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.3	78.5
126	11.7	8.4	12.6



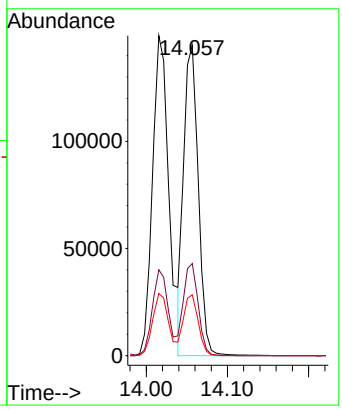


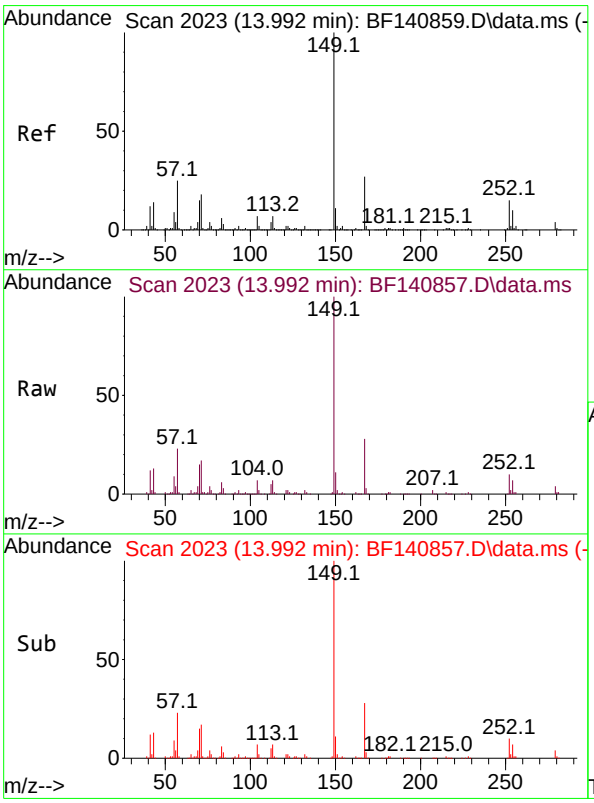
#83
Chrysene
Concen: 9.963 ng
RT: 14.057 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 181387

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.6	16.0	24.0

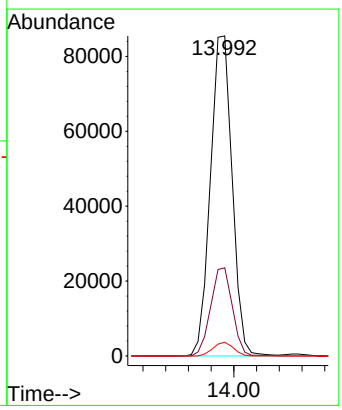


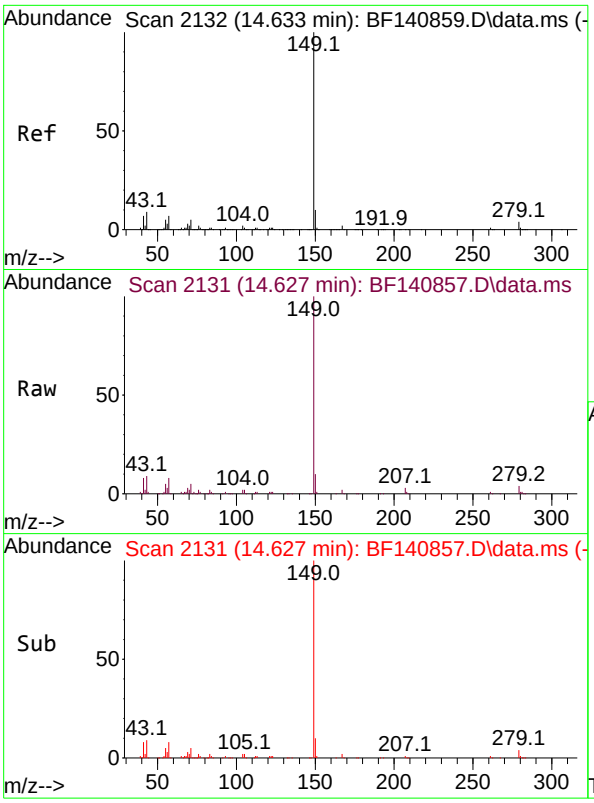


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.562 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:149 Resp: 113963

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.8
279	4.3	3.5	5.3



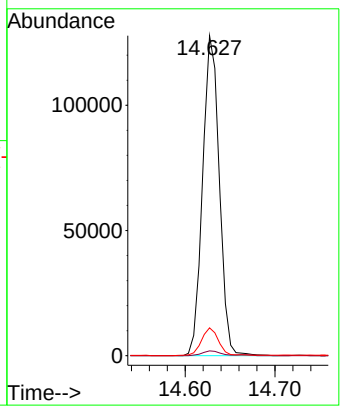


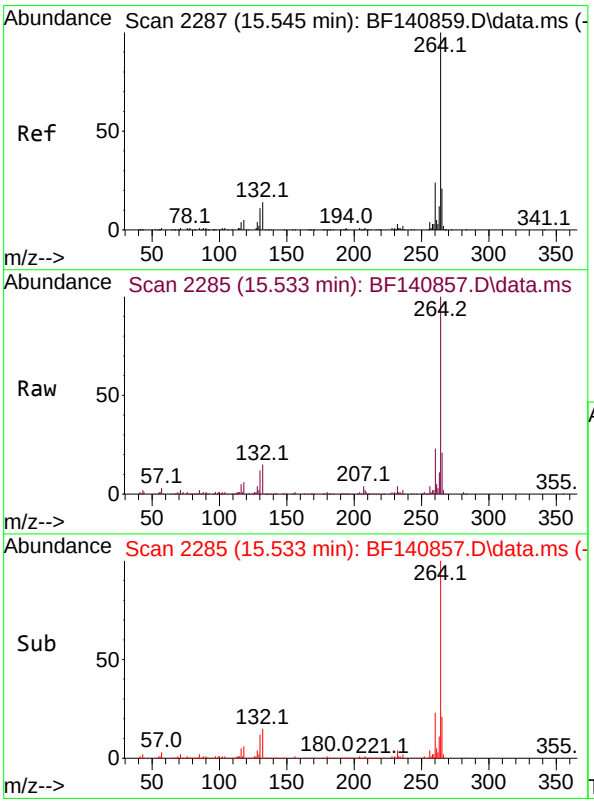
#85
Di-n-octyl phthalate
Concen: 9.161 ng
RT: 14.627 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 165198

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.0	10.6

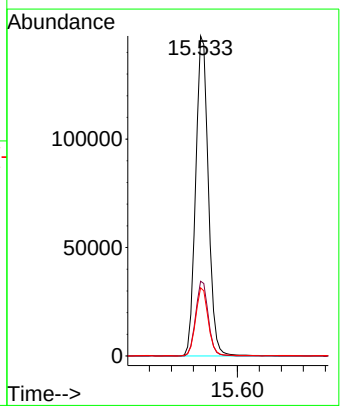


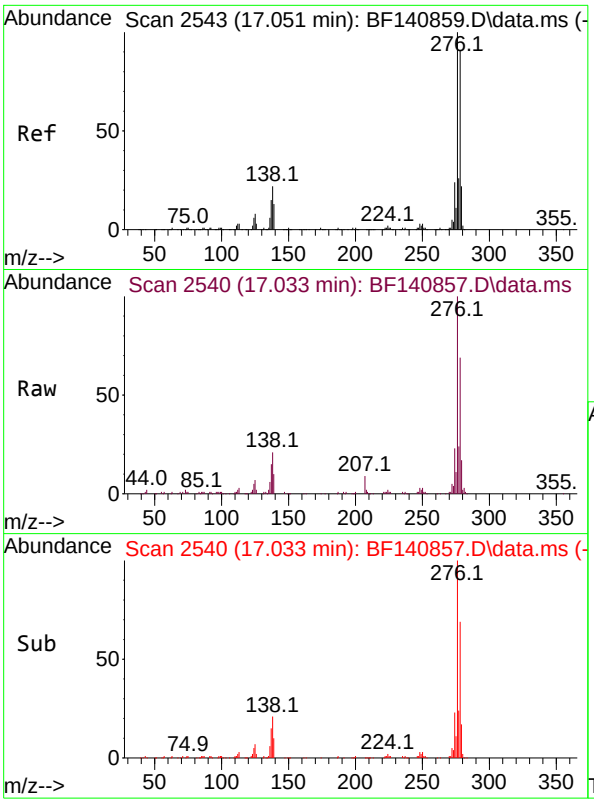


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:264 Resp: 236486

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.3	17.0	25.4



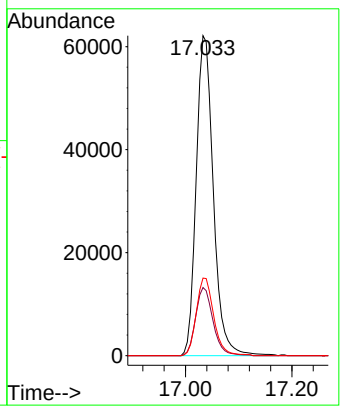


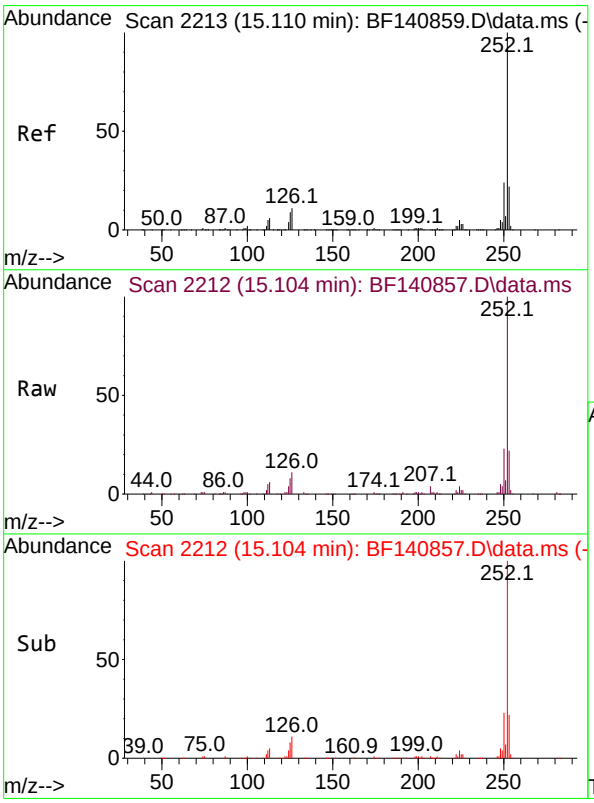
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.405 ng
RT: 17.033 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 138792

Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.9	25.3
277	24.7	20.2	30.4

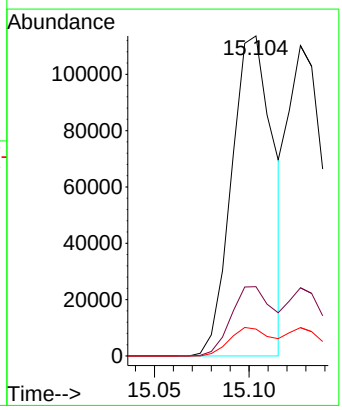


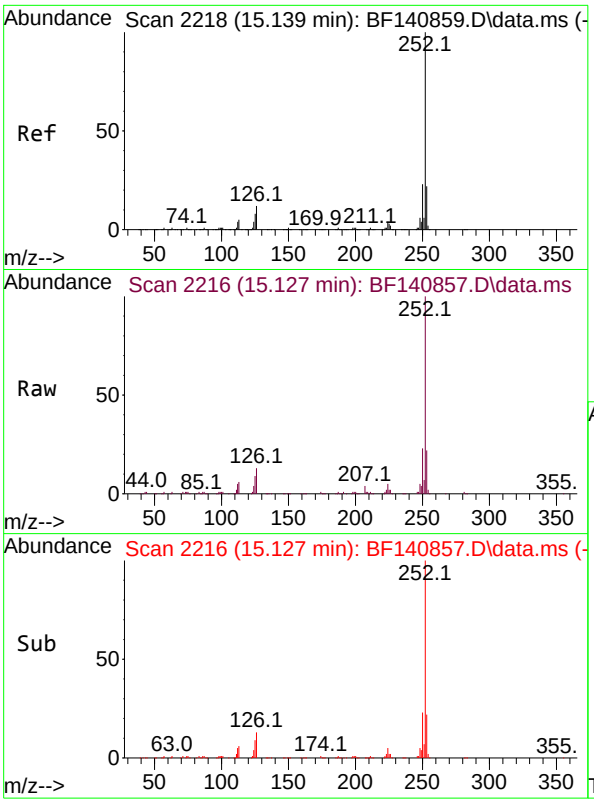


#88
Benzo(b)fluoranthene
Concen: 10.558 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:252 Resp: 173313

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	8.4	7.0	10.4



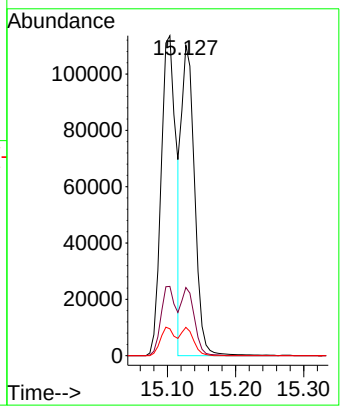


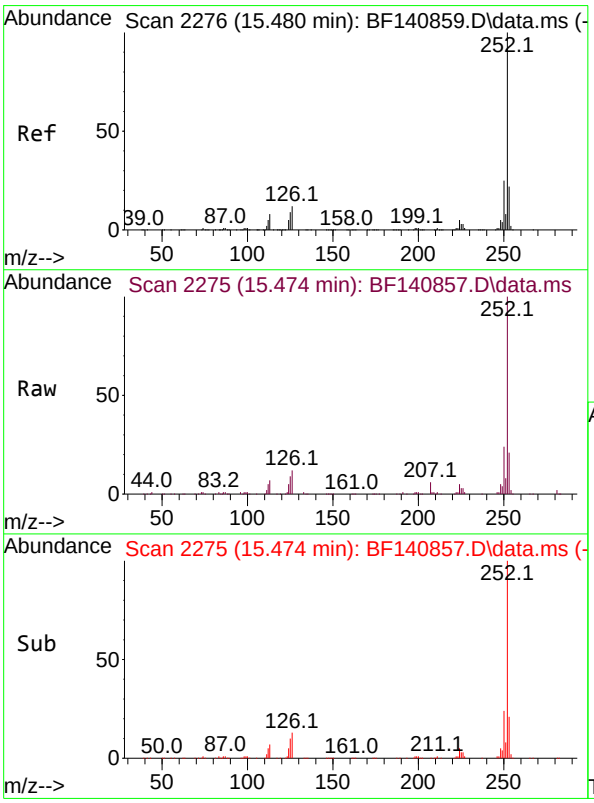
#89
Benzo(k)fluoranthene
Concen: 10.499 ng
RT: 15.127 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 147840

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.1	6.8	10.2

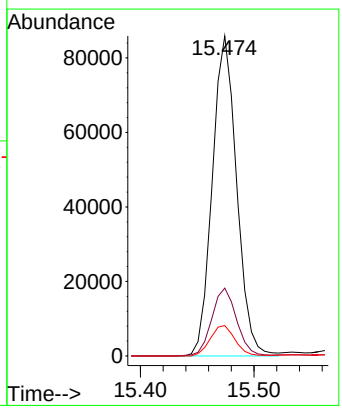


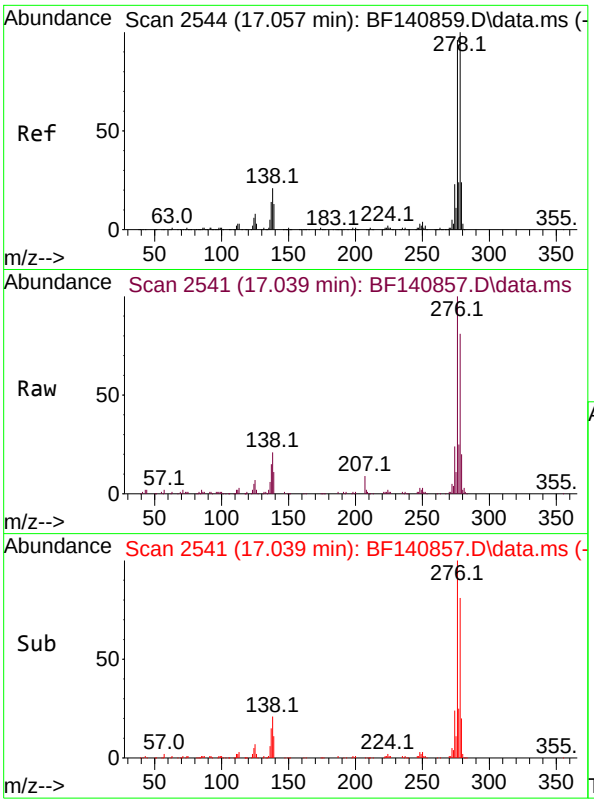


#90
Benzo(a)pyrene
Concen: 9.973 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:252 Resp: 128194

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	9.5	7.5	11.3



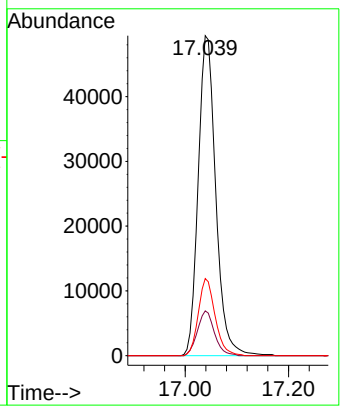


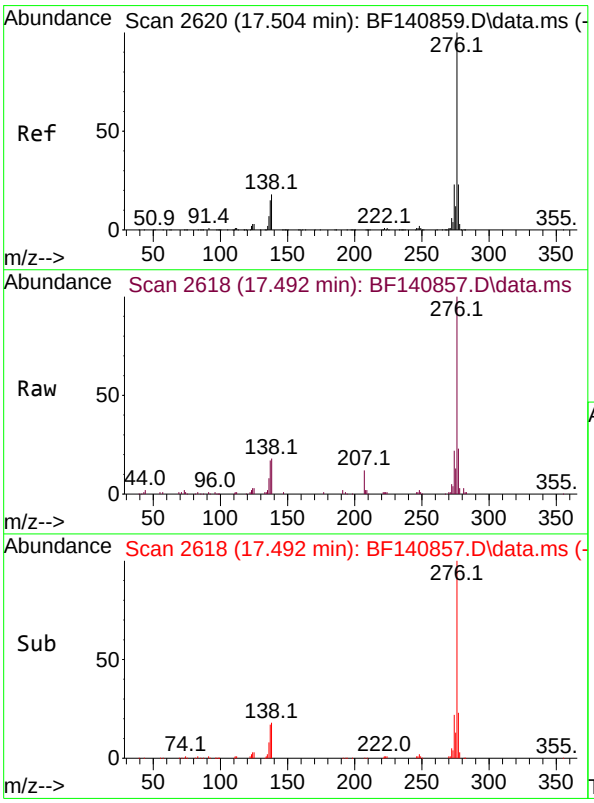
#91
Dibenzo(a,h)anthracene
Concen: 9.532 ng
RT: 17.039 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 116533

Ion	Ratio	Lower	Upper
278	100		
139	14.0	10.6	16.0
279	24.1	19.2	28.8

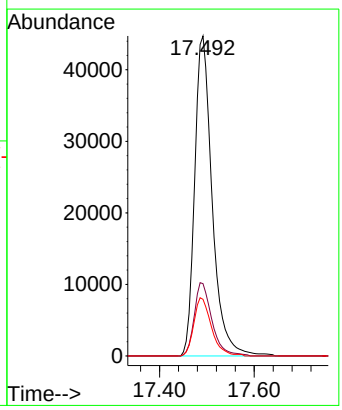




#92
Benzo(g,h,i)perylene
Concen: 9.240 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:276 Resp: 114976

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.7	28.1
138	17.7	14.2	21.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140858.D
Acq On : 16 Dec 2024 14:00
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Dec 16 16:48:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	71395	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	269448	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	153586	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	299699	20.000	ng		0.00
76) Chrysene-d12	14.039	240	234229	20.000	ng		0.00
86) Perylene-d12	15.563	264	220576	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	182586	42.100	ng		0.00
7) Phenol-d6	6.493	99	237156	41.285	ng		0.00
23) Nitrobenzene-d5	7.410	82	226356	42.030	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	74311	40.909	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	472330	42.281	ng		0.00
79) Terphenyl-d14	12.957	244	570640	38.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	38355	20.532	ng		96
3) Pyridine	3.405	79	91704	21.197	ng		99
4) n-Nitrosodimethylamine	3.340	42	44712	20.501	ng		97
6) Aniline	6.516	93	103355	21.043	ng	#	81
8) 2-Chlorophenol	6.640	128	96909	20.490	ng		98
9) Benzaldehyde	6.404	77	70862	22.263	ng		98
10) Phenol	6.510	94	123728	20.782	ng		90
11) bis(2-Chloroethyl)ether	6.581	93	91473	20.602	ng		98
12) 1,3-Dichlorobenzene	6.787	146	111145	20.624	ng		99
13) 1,4-Dichlorobenzene	6.863	146	113006	20.658	ng		98
14) 1,2-Dichlorobenzene	7.016	146	107719	20.870	ng		97
15) Benzyl Alcohol	6.998	79	88251	21.487	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	108472	20.739	ng		89
17) 2-Methylphenol	7.110	107	77132	20.427	ng		97
18) Hexachloroethane	7.351	117	41766	20.509	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	71344	20.705	ng		100
20) 3+4-Methylphenols	7.269	107	102814	20.534	ng	#	88
22) Acetophenone	7.257	105	140187	20.798	ng		98
24) Nitrobenzene	7.434	77	114486	20.750	ng		98
25) Isophorone	7.669	82	185900	20.601	ng		100
26) 2-Nitrophenol	7.751	139	52133	20.516	ng		99
27) 2,4-Dimethylphenol	7.787	122	60750	20.471	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	115605	20.512	ng		98
29) 2,4-Dichlorophenol	7.998	162	84299	20.575	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	96194	20.481	ng		99
31) Naphthalene	8.151	128	303425	20.500	ng		99
32) Benzoic acid	7.910	122	51770	18.394	ng		97
33) 4-Chloroaniline	8.204	127	101583	20.664	ng		99
34) Hexachlorobutadiene	8.263	225	65803	20.824	ng		99
35) Caprolactam	8.569	113	24344	19.958	ng		98
36) 4-Chloro-3-methylphenol	8.693	107	93611	20.300	ng		98
37) 2-Methylnaphthalene	8.840	142	199492	20.375	ng		100
38) 1-Methylnaphthalene	8.940	142	193053	19.937	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	98517	20.869	ng		99
41) Hexachlorocyclopentadiene	8.987	237	18486	21.391	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	59284	20.509	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140858.D
Acq On : 16 Dec 2024 14:00
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Dec 16 16:48:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	65450	20.600 ng	99
46) 1,1'-Biphenyl	9.304	154	251662	20.606 ng	98
47) 2-Chloronaphthalene	9.328	162	192611	20.615 ng	98
48) 2-Nitroaniline	9.434	65	57140	20.250 ng	99
49) Acenaphthylene	9.745	152	288710	21.027 ng	99
50) Dimethylphthalate	9.598	163	220880	20.399 ng	99
51) 2,6-Dinitrotoluene	9.669	165	50302	20.321 ng	97
52) Acenaphthene	9.916	154	179112	20.422 ng	99
53) 3-Nitroaniline	9.845	138	50453	20.538 ng	100
54) 2,4-Dinitrophenol	9.969	184	16571	19.139 ng	96
55) Dibenzofuran	10.087	168	281092	20.683 ng	98
56) 4-Nitrophenol	10.039	139	20392	19.017 ng	90
57) 2,4-Dinitrotoluene	10.081	165	67570	20.746 ng	100
58) Fluorene	10.434	166	229160	20.439 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	52966	20.459 ng	98
60) Diethylphthalate	10.298	149	229798	20.466 ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	116545	20.693 ng	97
62) 4-Nitroaniline	10.457	138	52016	20.263 ng	97
63) Azobenzene	10.581	77	214137	20.286 ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	32520	19.149 ng	93
66) n-Nitrosodiphenylamine	10.539	169	192873	20.932 ng	100
67) 4-Bromophenyl-phenylether	10.910	248	70804	21.118 ng	99
68) Hexachlorobenzene	10.981	284	80189	21.095 ng	99
69) Atrazine	11.069	200	57872	22.488 ng	99
70) Pentachlorophenol	11.186	266	24650m	17.726 ng	
71) Phenanthrene	11.398	178	321392	20.854 ng	100
72) Anthracene	11.451	178	315664	20.798 ng	99
73) Carbazole	11.610	167	307615	20.692 ng	99
74) Di-n-butylphthalate	11.928	149	369257	21.164 ng	99
75) Fluoranthene	12.586	202	374894	21.122 ng	100
77) Benzidine	12.716	184	93986	19.660 ng	99
78) Pyrene	12.822	202	386539	18.558 ng	99
80) Butylbenzylphthalate	13.427	149	145401	18.972 ng	97
81) Benzo(a)anthracene	14.027	228	332845	20.050 ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	105124	20.989 ng	97
83) Chrysene	14.069	228	319417	21.160 ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	204953	20.740 ng	97
85) Di-n-octyl phthalate	14.651	149	315841	21.125 ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	293402	21.315 ng	100
88) Benzo(b)fluoranthene	15.121	252	319848	20.890 ng	99
89) Benzo(k)fluoranthene	15.151	252	269871	20.548 ng	99
90) Benzo(a)pyrene	15.498	252	250110	20.861 ng	99
91) Dibenzo(a,h)anthracene	17.074	278	240810	21.117 ng	99
92) Benzo(g,h,i)perylene	17.515	276	241228	20.785 ng	99

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

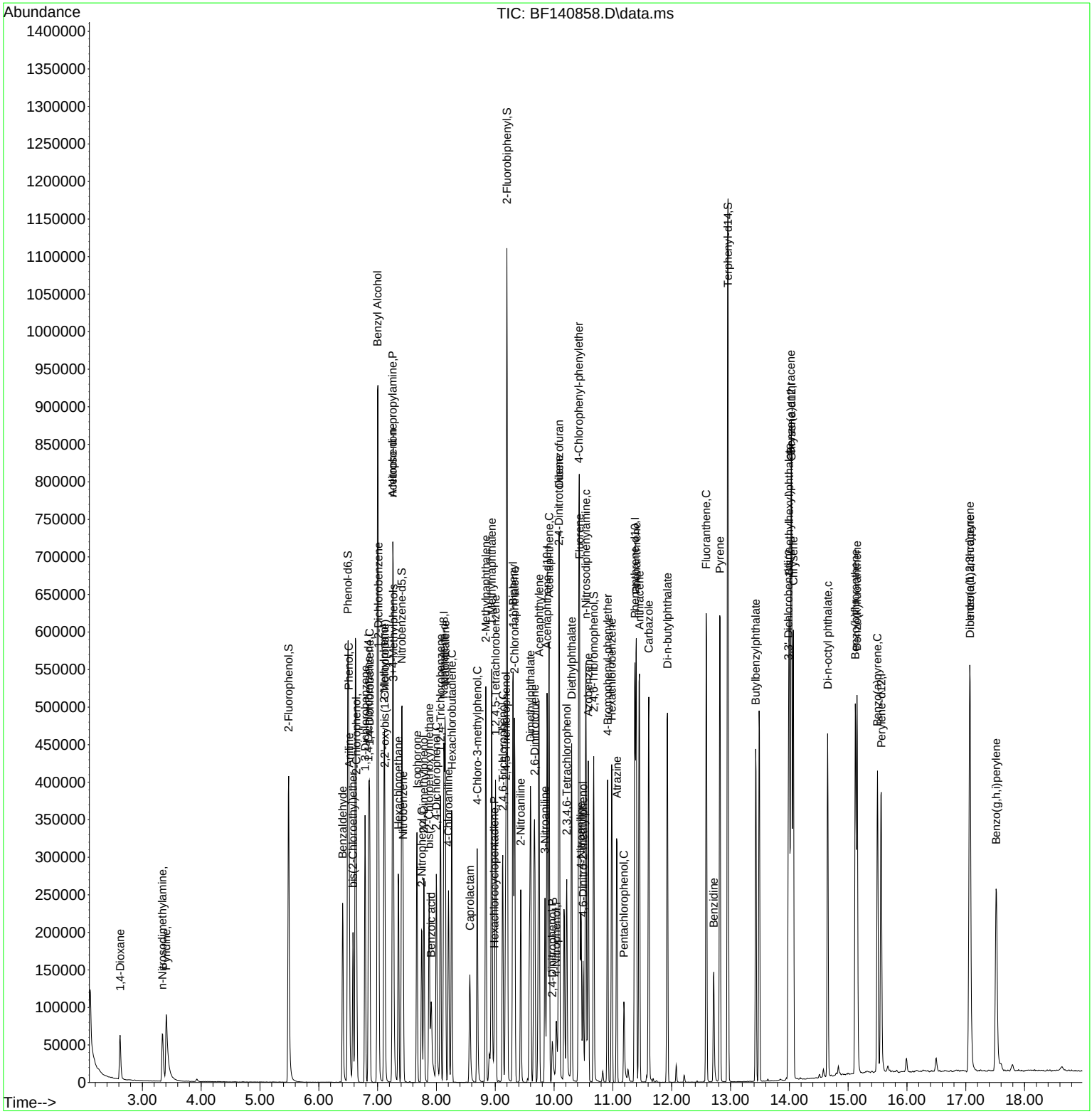
Quantitation Report (QT Reviewed)

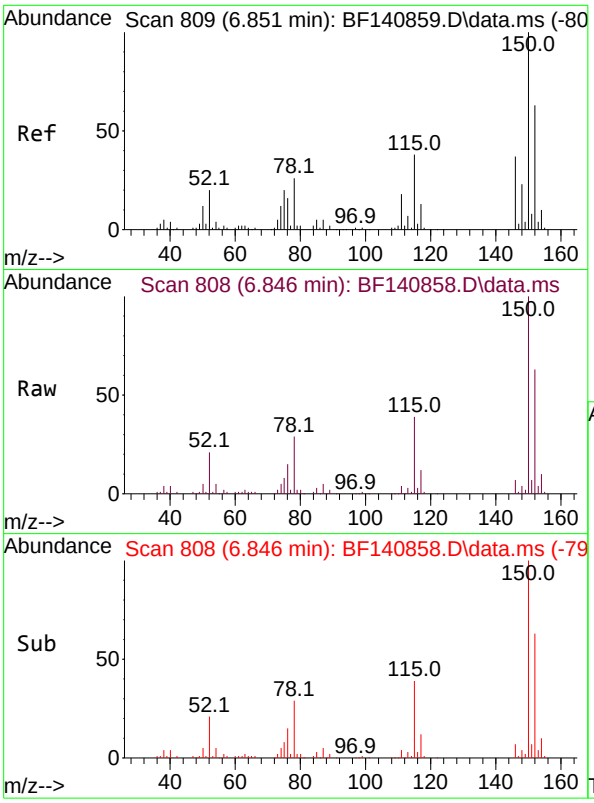
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140858.D
Acq On : 16 Dec 2024 14:00
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Dec 16 16:48:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



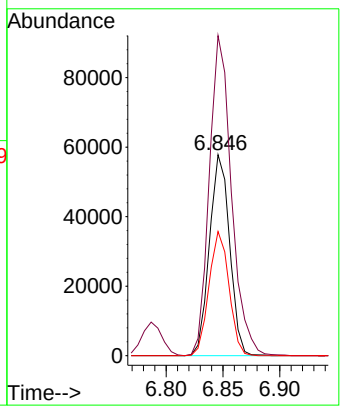


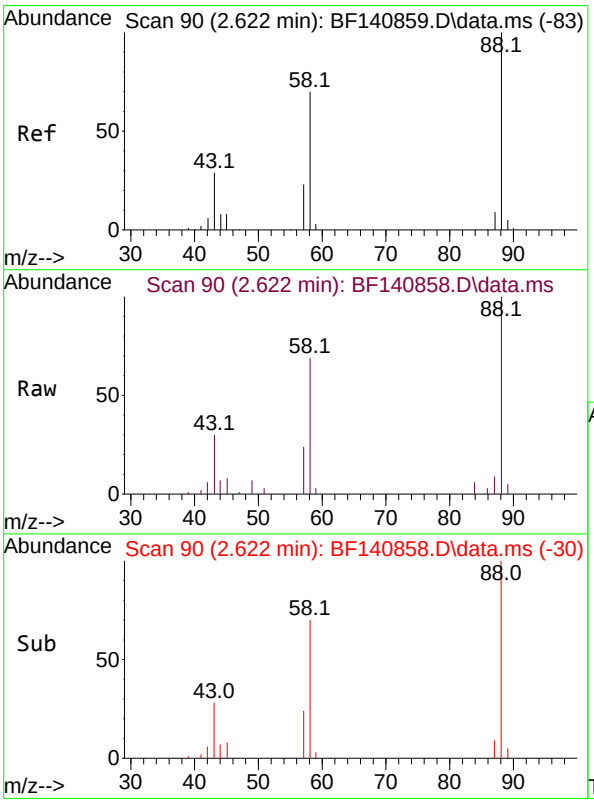
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 8(
Delta R.T. -0.005 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 71395

Ion	Ratio	Lower	Upper
152	100		
150	159.2	127.9	191.9
115	61.8	48.0	72.0

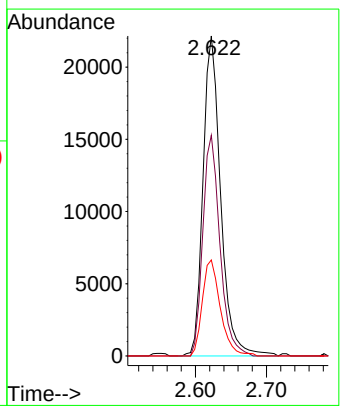


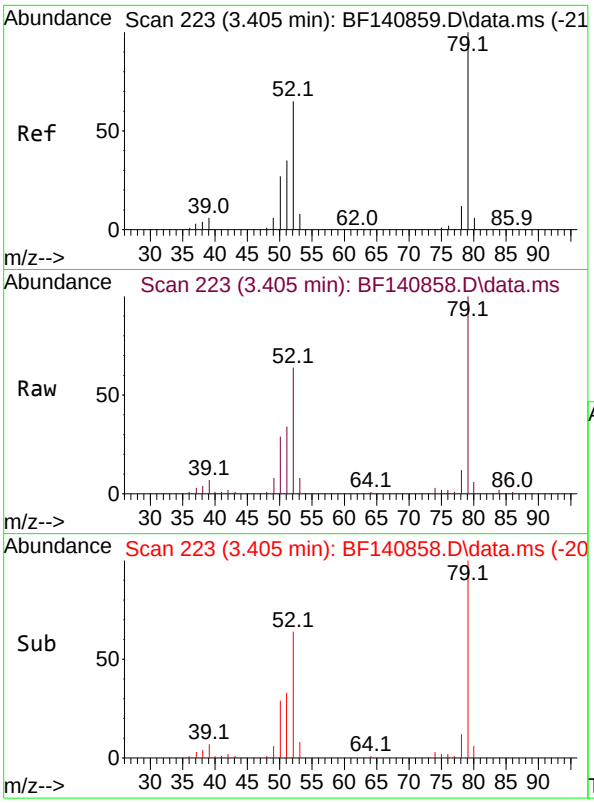


#2
1,4-Dioxane
Concen: 20.532 ng
RT: 2.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 88 Resp: 38355

Ion	Ratio	Lower	Upper
88	100		
58	66.7	55.8	83.8
43	30.7	22.7	34.1



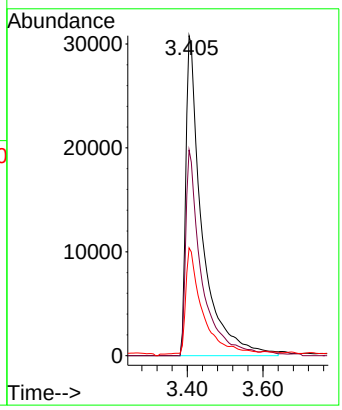


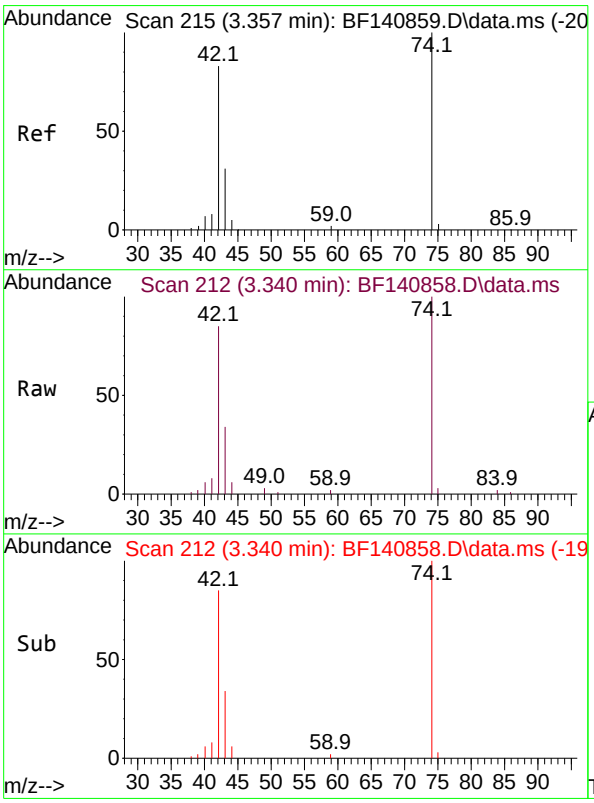
#3
Pyridine
Concen: 21.197 ng
RT: 3.405 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 91704

Ion	Ratio	Lower	Upper
79	100		
52	64.3	51.7	77.5
51	33.7	28.2	42.4

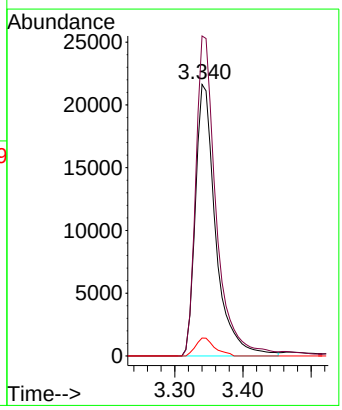


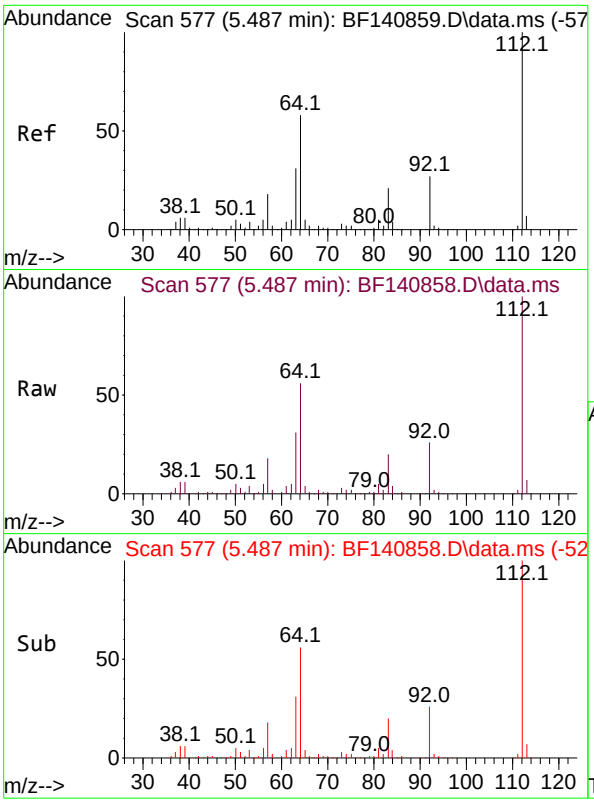


#4
n-Nitrosodimethylamine
Concen: 20.501 ng
RT: 3.340 min Scan# 212
Delta R.T. -0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 42 Resp: 44712

Ion	Ratio	Lower	Upper
42	100		
74	117.8	96.9	145.3
44	6.6	4.4	6.6



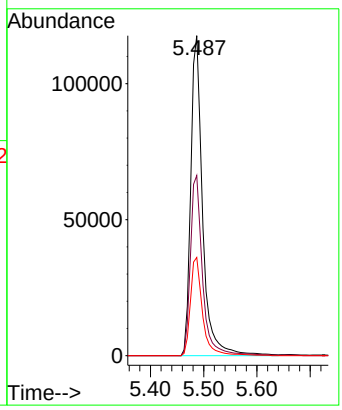


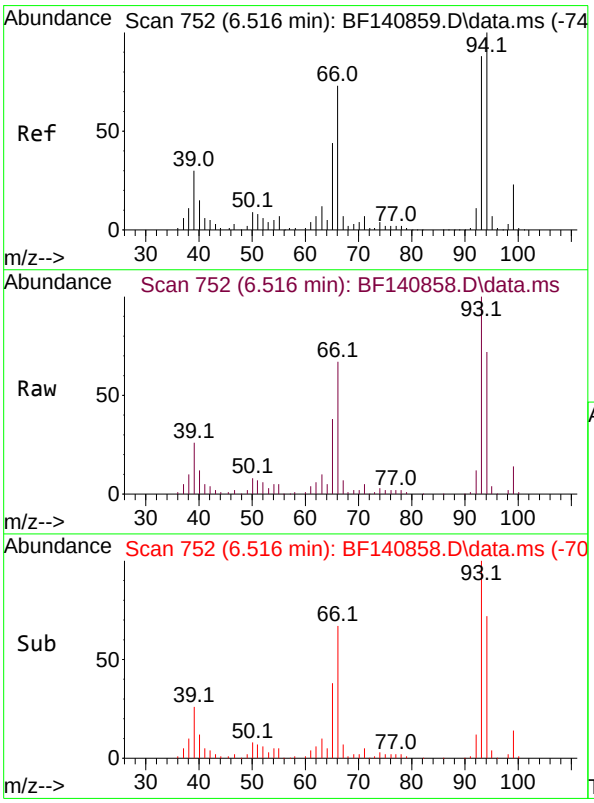
#5
2-Fluorophenol
Concen: 42.100 ng
RT: 5.487 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 182586

Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.1	69.1
63	30.7	24.9	37.3

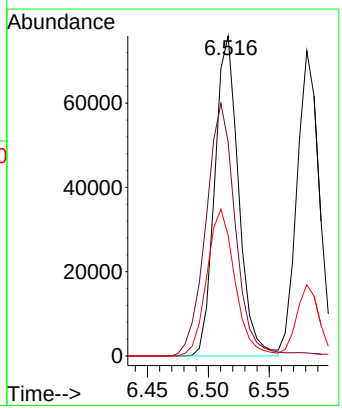


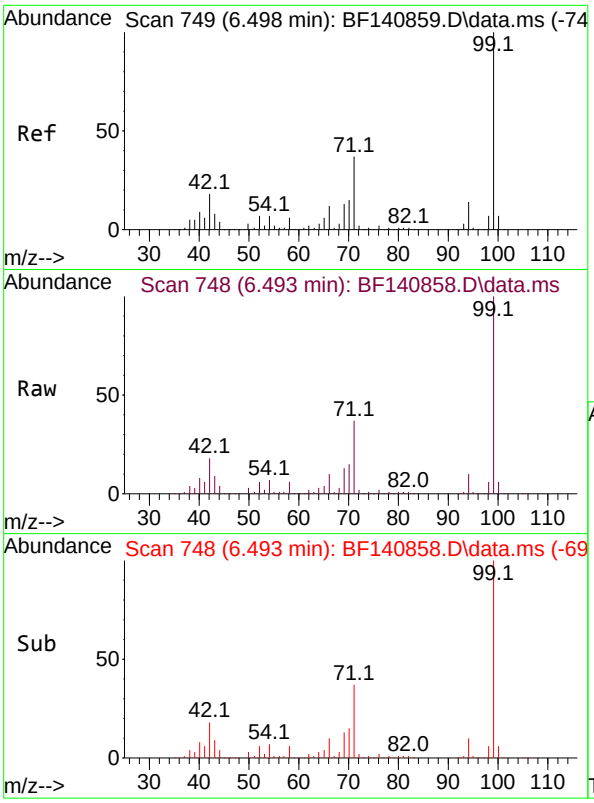


#6
Aniline
Concen: 21.043 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 93 Resp: 103355

Ion	Ratio	Lower	Upper
93	100		
66	66.9	67.0	100.4#
65	37.7	40.4	60.6#



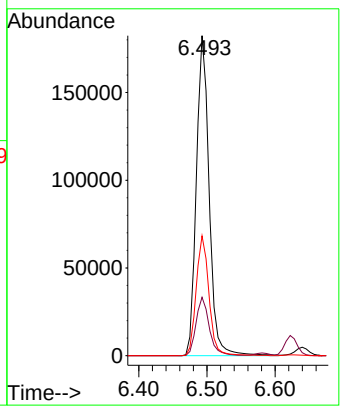


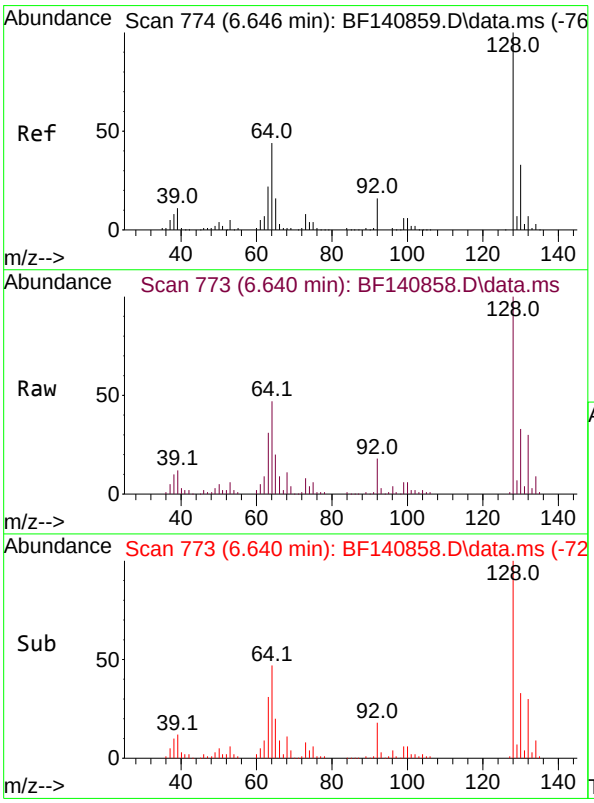
#7
Phenol-d6
Concen: 41.285 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 237156

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.3	21.5
71	37.4	29.9	44.9

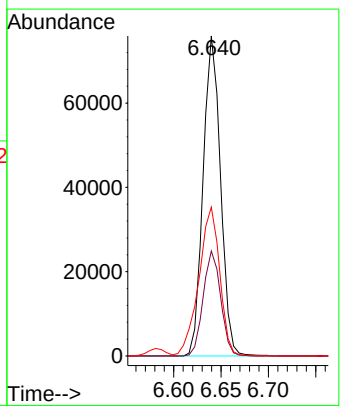


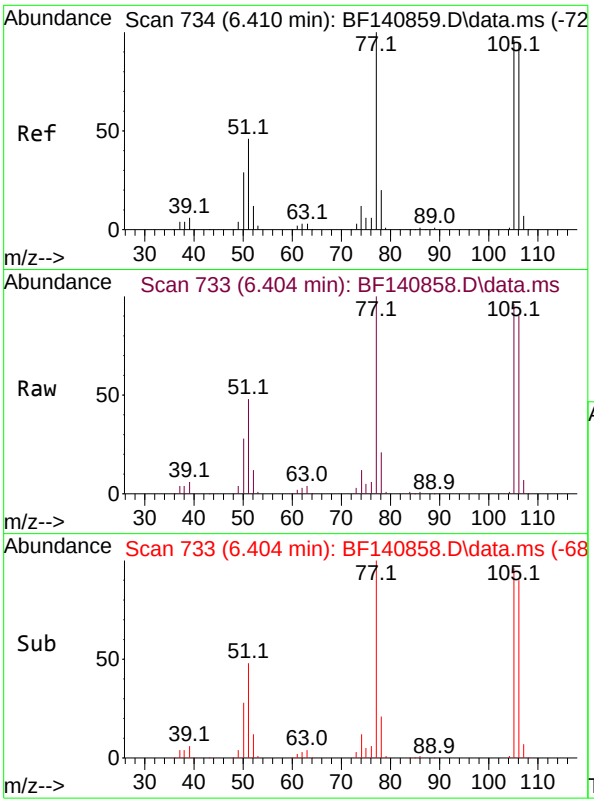


#8
2-Chlorophenol
Concen: 20.490 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:128 Resp: 96909

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	46.5	24.3	64.3



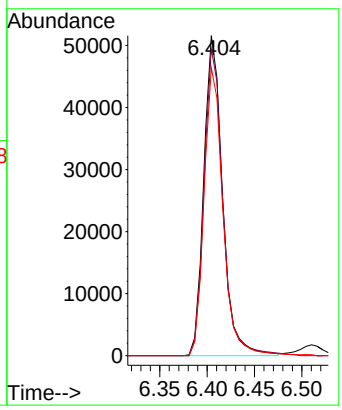


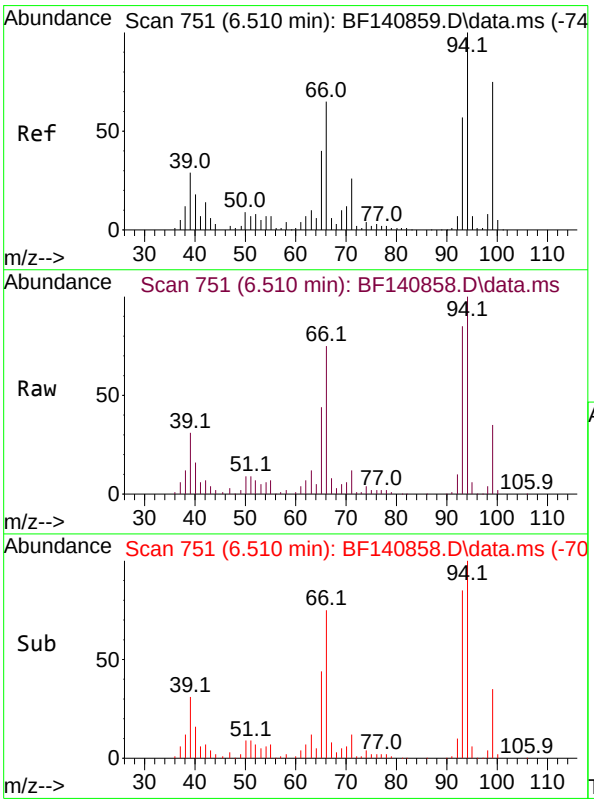
#9
Benzaldehyde
Concen: 22.263 ng
RT: 6.404 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 70862

Ion	Ratio	Lower	Upper
77	100		
105	95.9	75.8	115.8
106	89.9	74.1	114.1

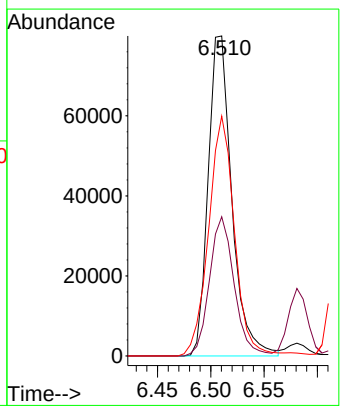


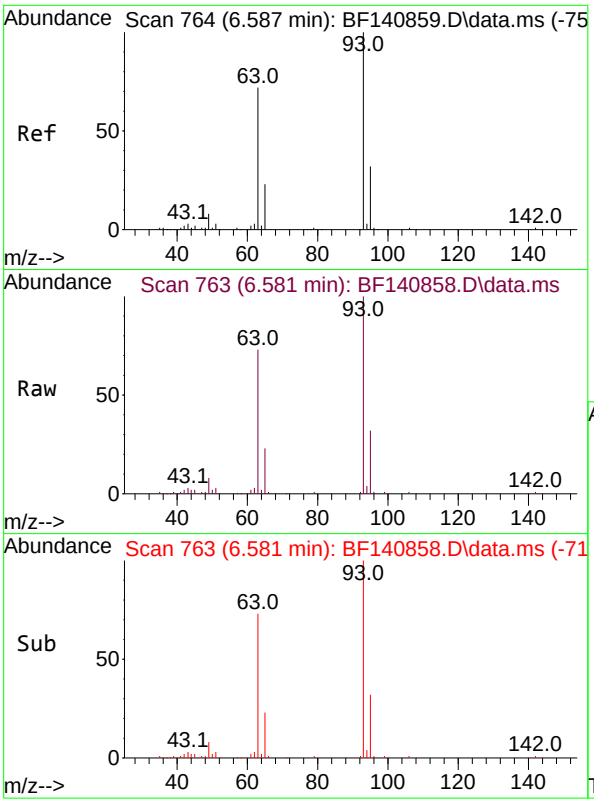


#10
Phenol
Concen: 20.782 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 94 Resp: 123728

Ion	Ratio	Lower	Upper
94	100		
65	43.5	19.9	59.9
66	75.0	45.6	85.6



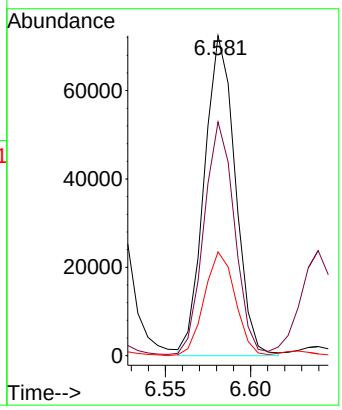


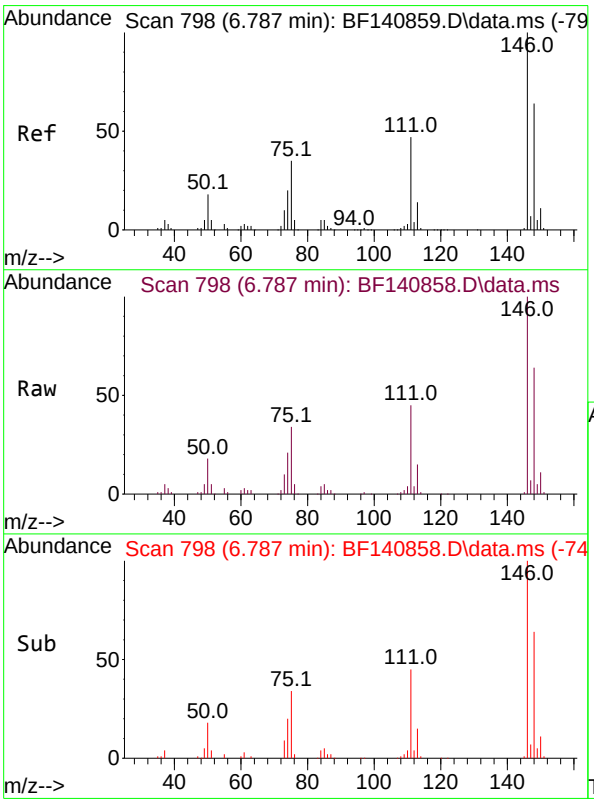
#11
bis(2-Chloroethyl)ether
Concen: 20.602 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 91473

Ion	Ratio	Lower	Upper
93	100		
63	73.0	51.0	91.0
95	32.5	12.0	52.0

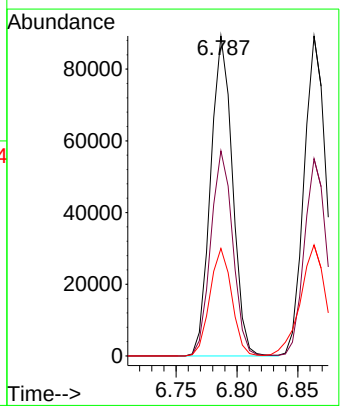


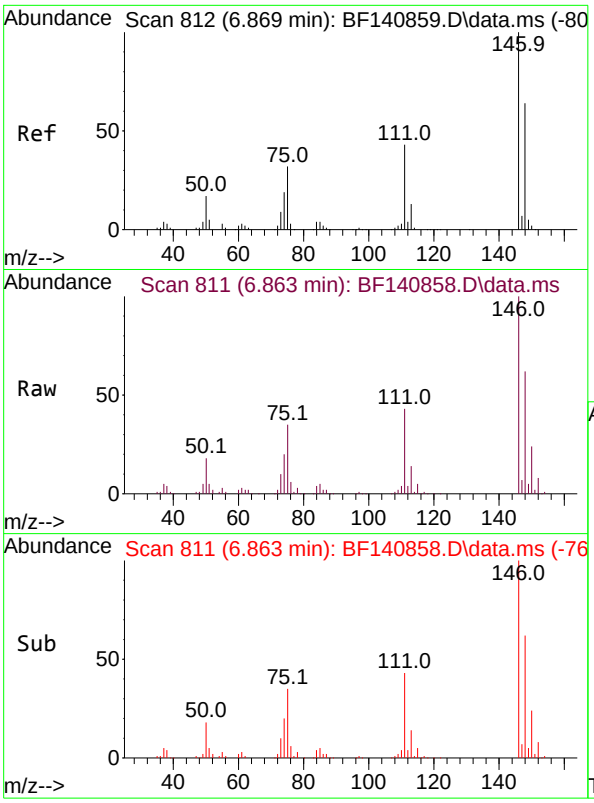


#12
1,3-Dichlorobenzene
Concen: 20.624 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:146 Resp: 111145

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
75	33.6	28.1	42.1



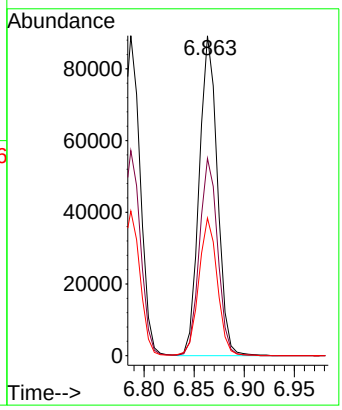


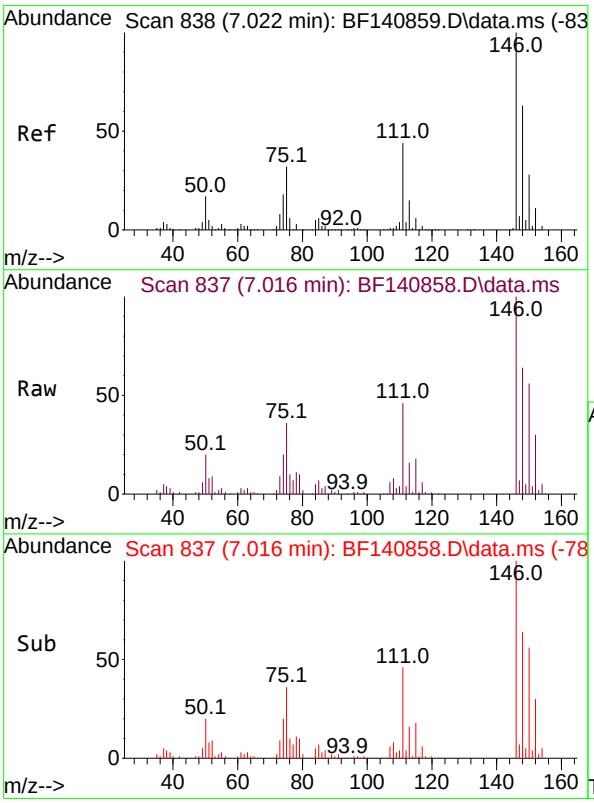
#13
1,4-Dichlorobenzene
Concen: 20.658 ng
RT: 6.863 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 113006

Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.3	76.9
111	43.0	34.4	51.6

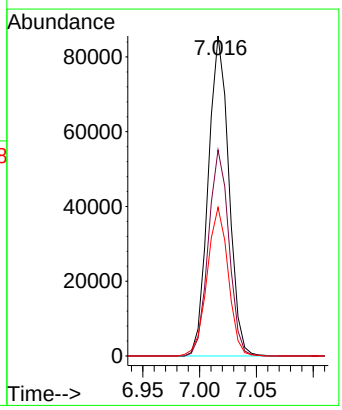


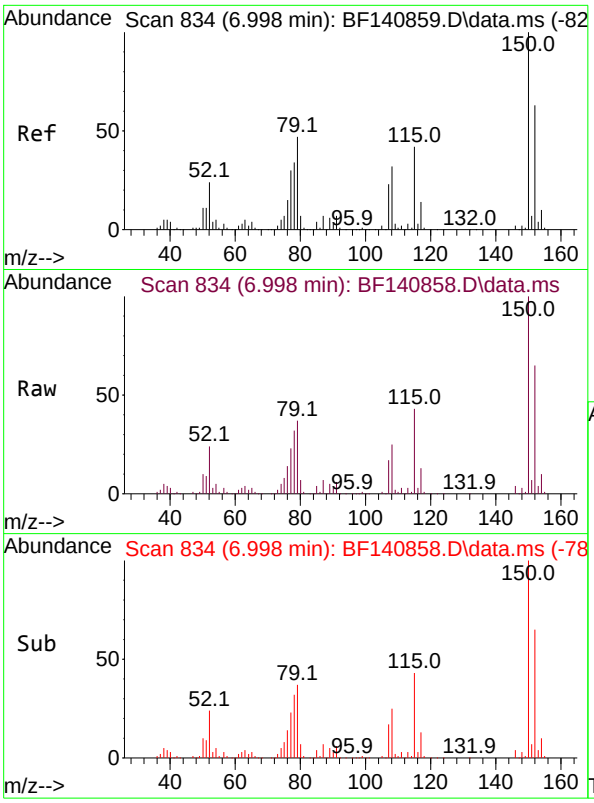


#14
1,2-Dichlorobenzene
Concen: 20.870 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:146 Resp: 107719

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.0	75.0
111	46.4	35.6	53.4



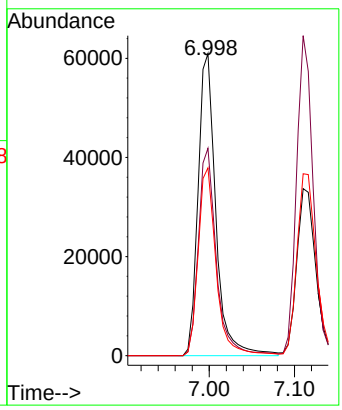


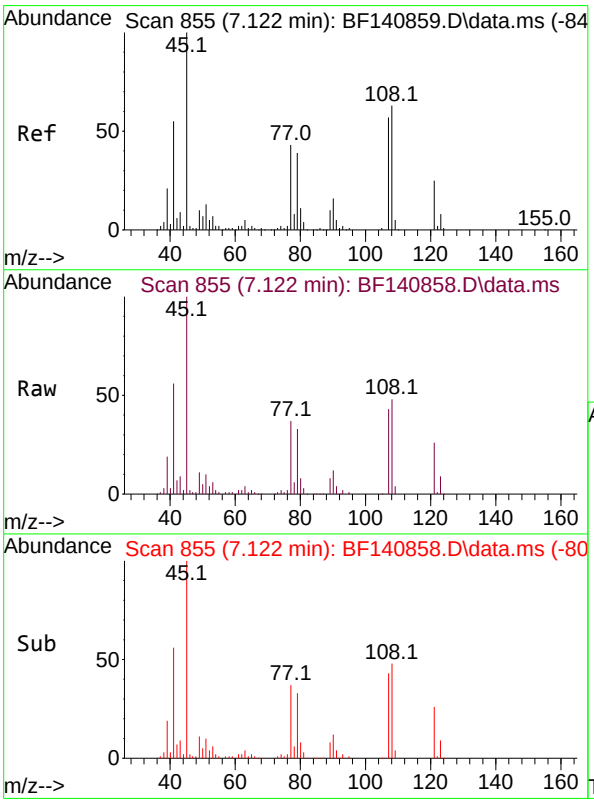
#15
Benzyl Alcohol
Concen: 21.487 ng
RT: 6.998 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 88251

Ion	Ratio	Lower	Upper
79	100		
108	68.6	55.1	82.7
77	62.2	50.6	76.0

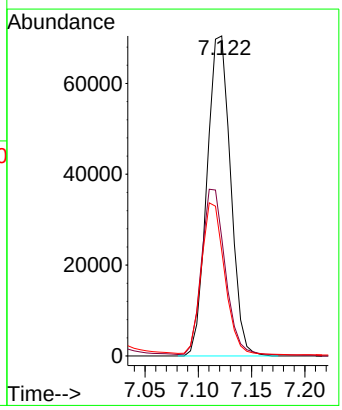


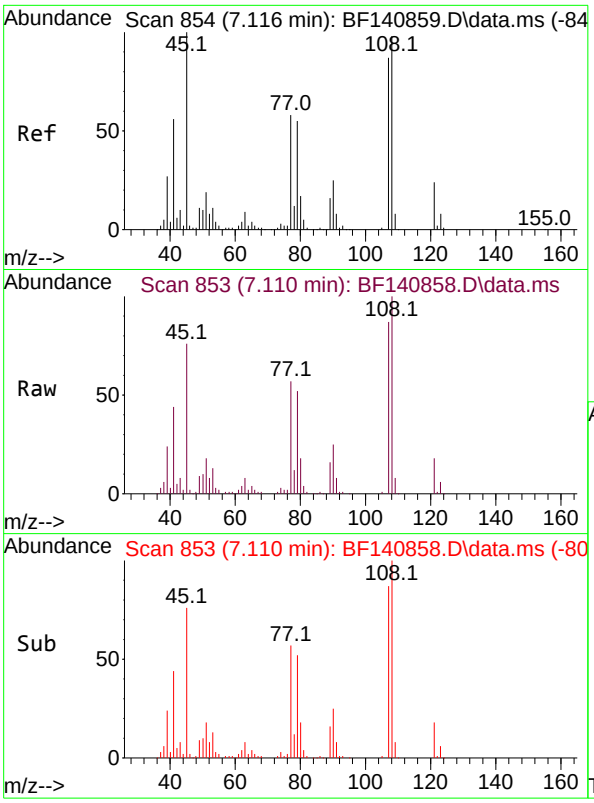


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.739 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 45 Resp: 108472

Ion	Ratio	Lower	Upper
45	100		
77	37.0	23.3	63.3
79	32.9	20.0	60.0



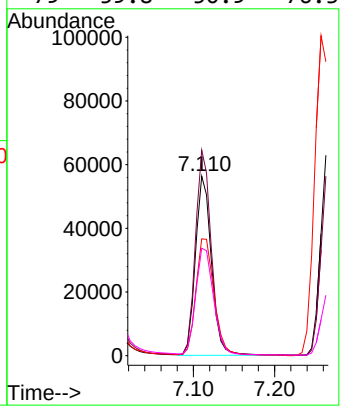


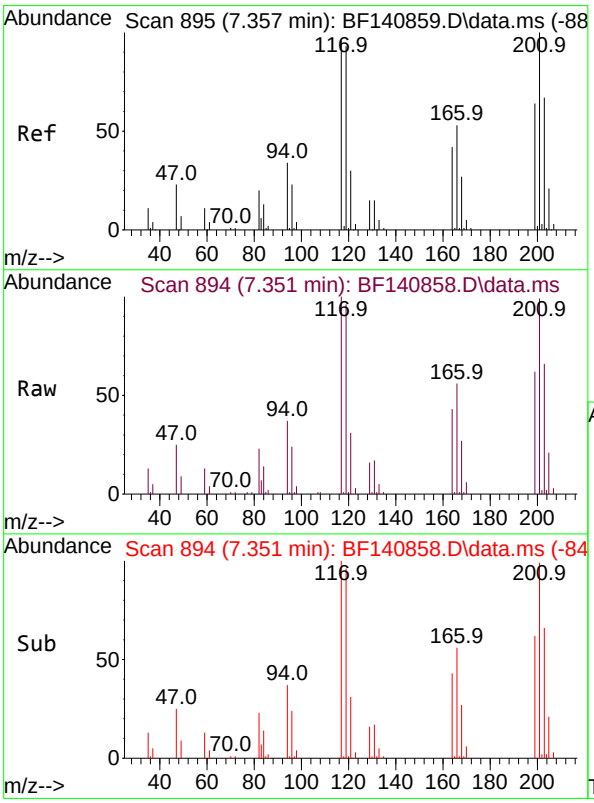
#17
2-Methylphenol
Concen: 20.427 ng
RT: 7.110 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 77132

Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.2	135.4
77	65.1	53.8	80.6
79	59.8	50.9	76.3

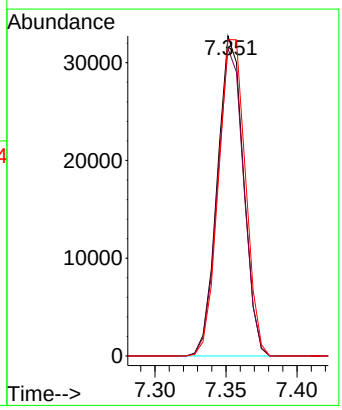


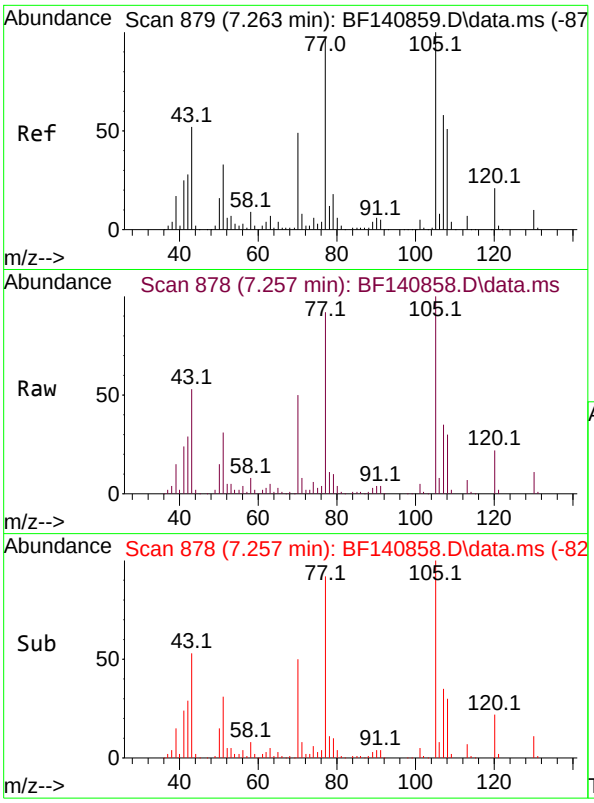


#18
Hexachloroethane
Concen: 20.509 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:117 Resp: 41766

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
201	98.9	83.4	125.0



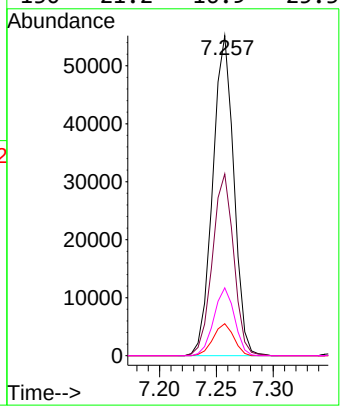


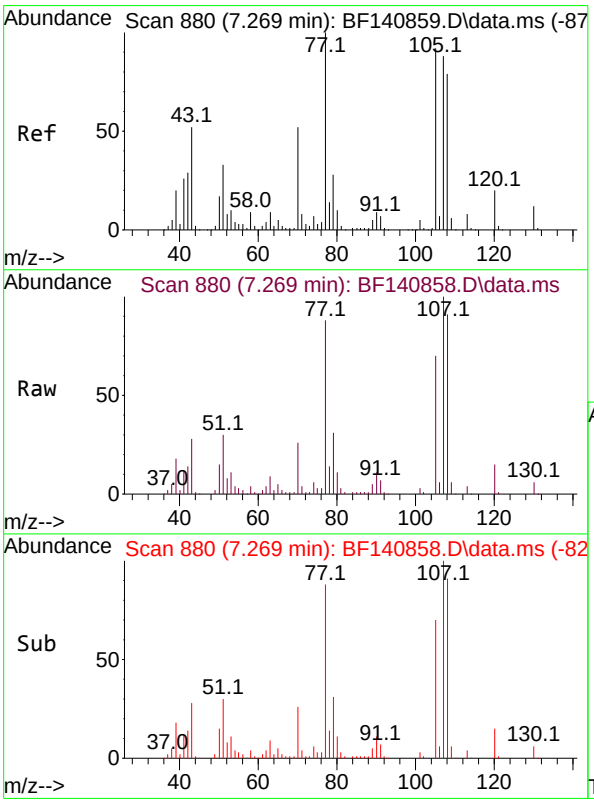
#19
n-Nitroso-di-n-propylamine
Concen: 20.705 ng
RT: 7.257 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 71344

Ion	Ratio	Lower	Upper
70	100		
42	56.8	45.3	67.9
101	10.0	8.0	12.0
130	21.2	16.9	25.3

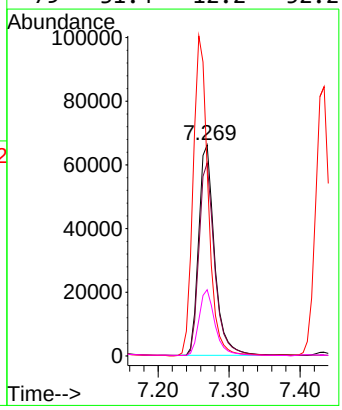


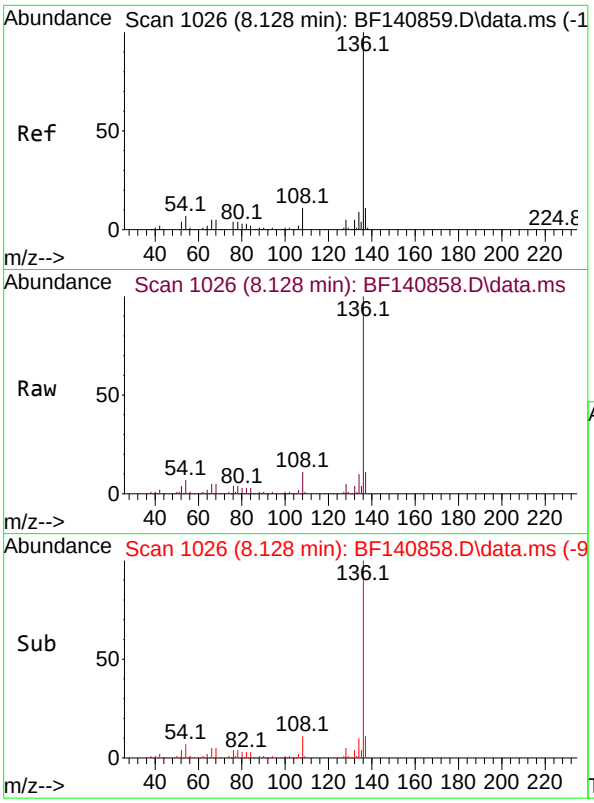


#20
3+4-Methylphenols
Concen: 20.534 ng
RT: 7.269 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:107 Resp: 102814

Ion	Ratio	Lower	Upper
107	100		
108	91.5	70.1	110.1
77	88.5	94.4	134.4#
79	31.4	12.2	52.2



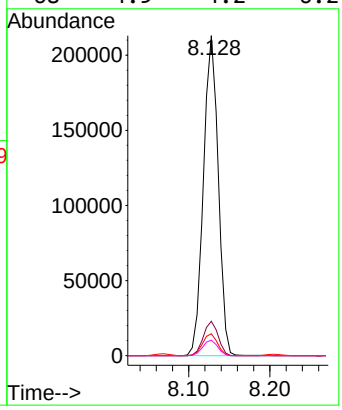


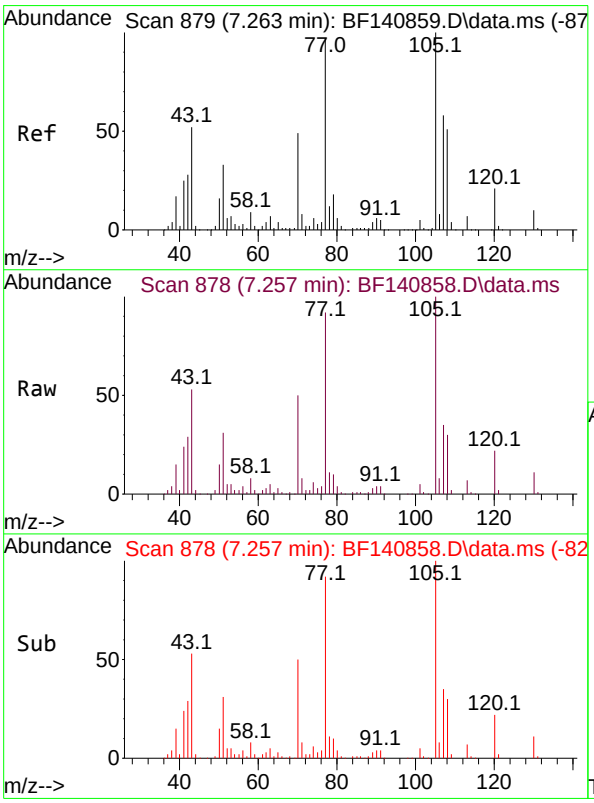
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 269448

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.8	5.6	8.4
68	4.9	4.2	6.2

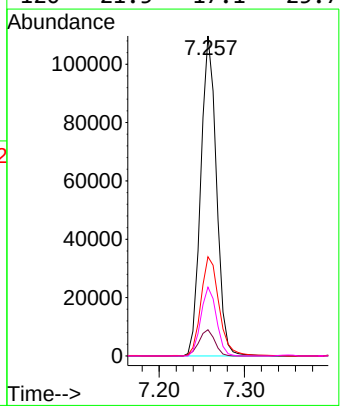


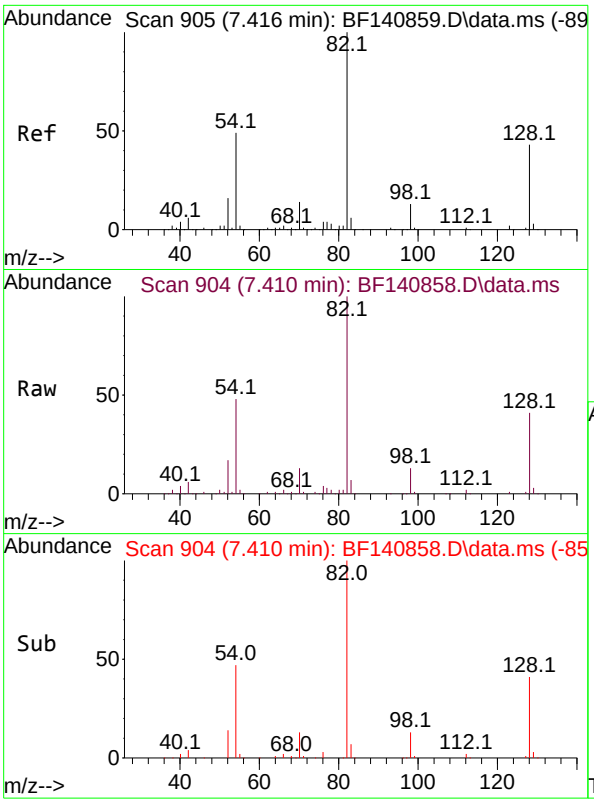


#22
Acetophenone
Concen: 20.798 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:105 Resp: 140187

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.2	9.4
51	31.0	26.3	39.5
120	21.5	17.1	25.7



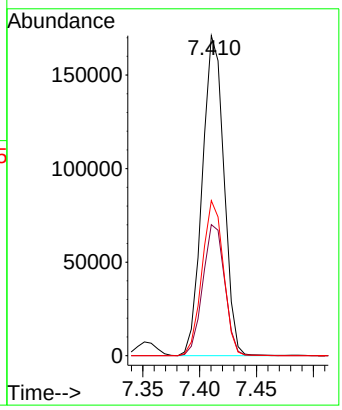


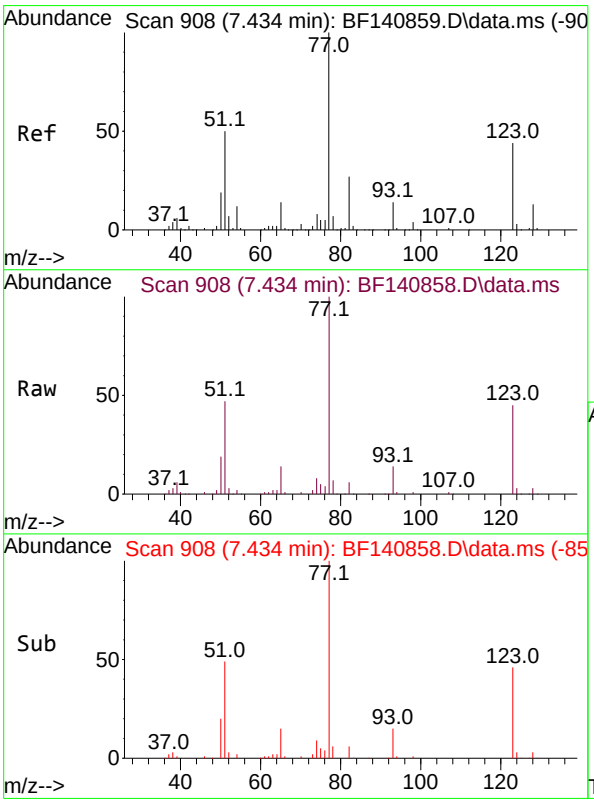
#23
Nitrobenzene-d5
Concen: 42.030 ng
RT: 7.410 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 226356

Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.4	51.6
54	48.5	38.8	58.2

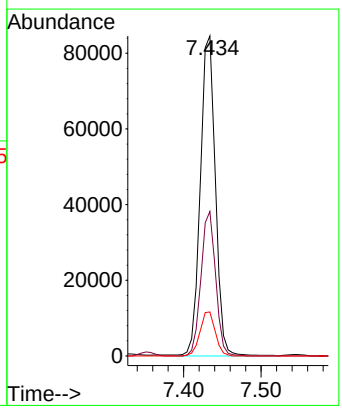


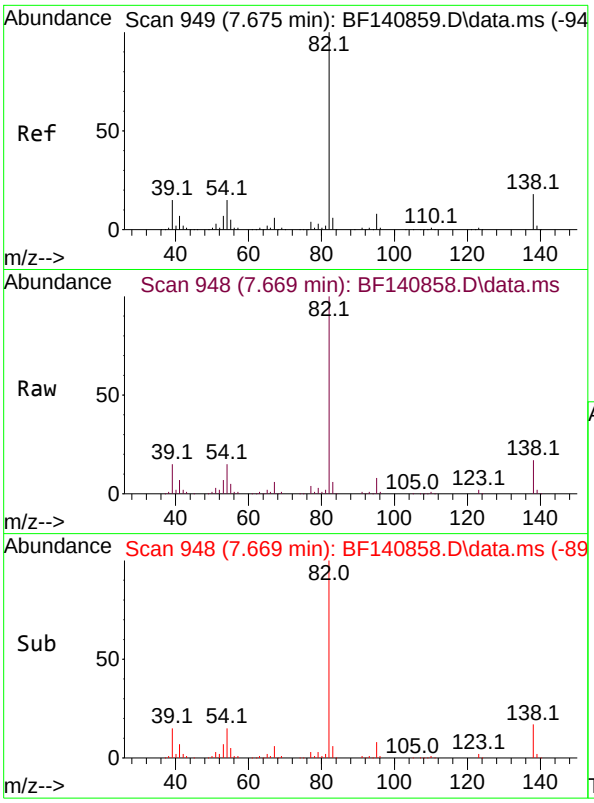


#24
Nitrobenzene
Concen: 20.750 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 77 Resp: 114486

Ion	Ratio	Lower	Upper
77	100		
123	45.2	35.0	52.4
65	13.7	11.4	17.0



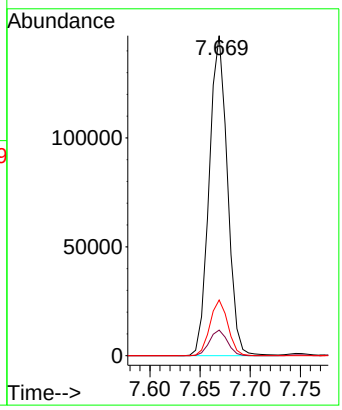


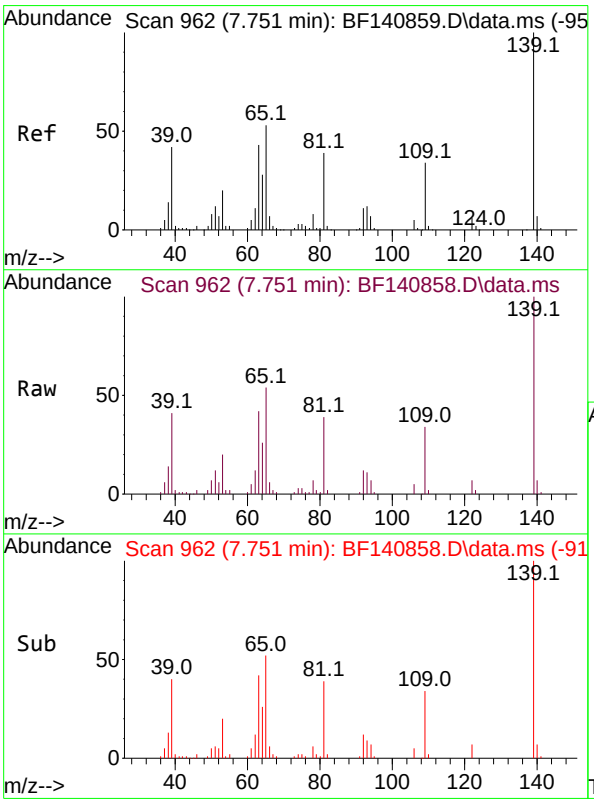
#25
Isophorone
Concen: 20.601 ng
RT: 7.669 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 185900

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.3	9.5
138	17.4	14.1	21.1

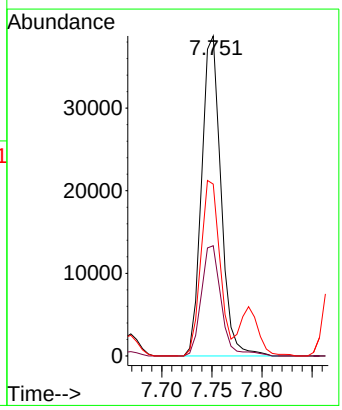


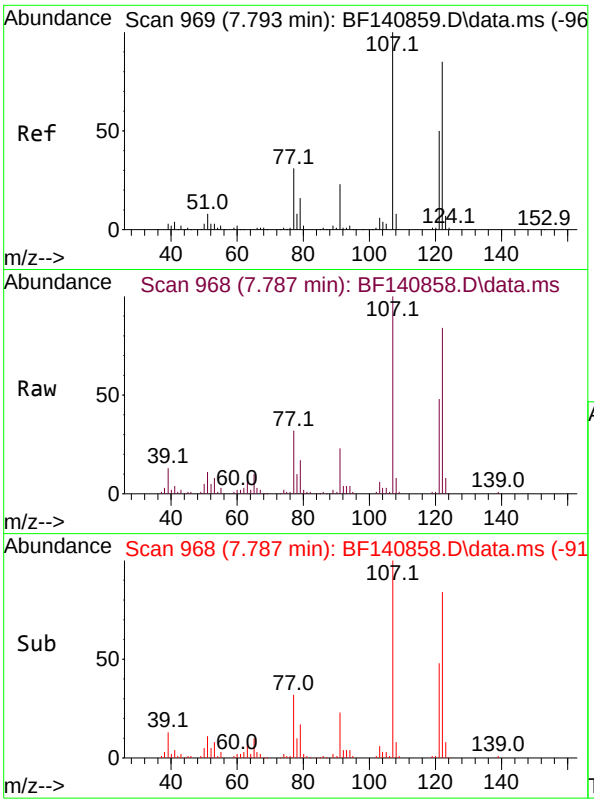


#26
2-Nitrophenol
Concen: 20.516 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:139 Resp: 52133

Ion	Ratio	Lower	Upper
139	100		
109	34.5	26.9	40.3
65	53.7	42.6	64.0



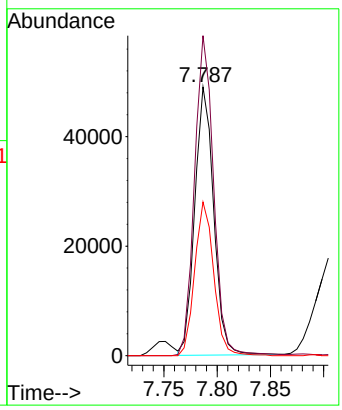


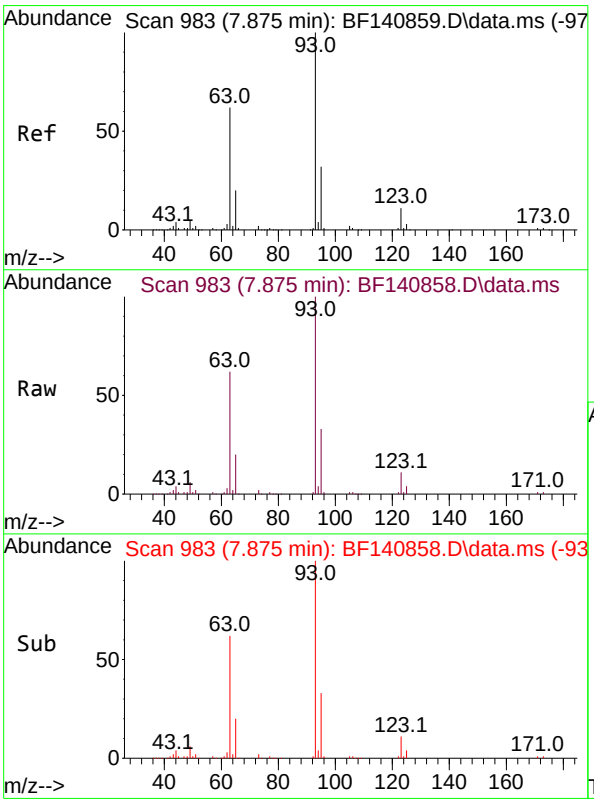
#27
2,4-Dimethylphenol
Concen: 20.471 ng
RT: 7.787 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 60750

Ion	Ratio	Lower	Upper
122	100		
107	119.1	92.6	139.0
121	57.2	45.8	68.8

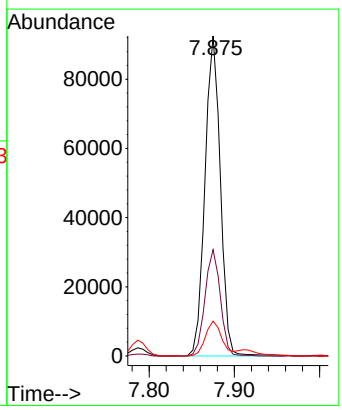


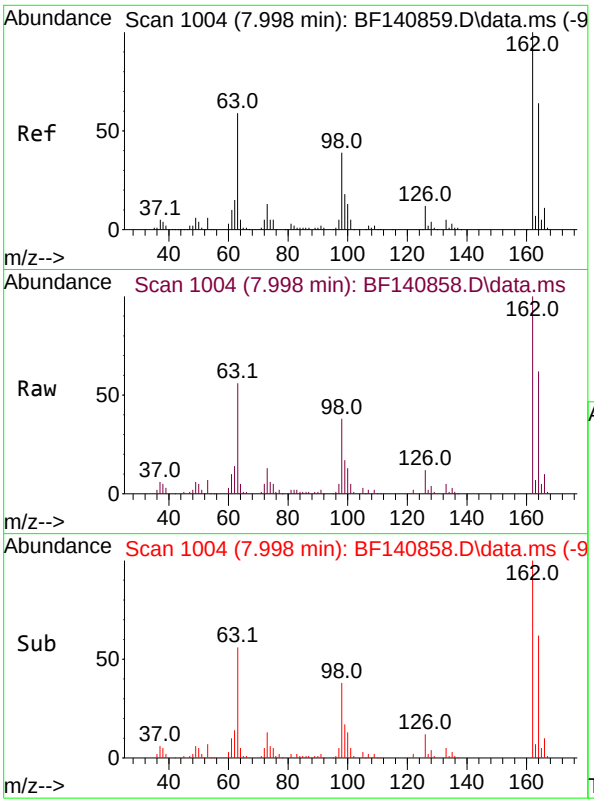


#28
bis(2-Chloroethoxy)methane
Concen: 20.512 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 93 Resp: 115605

Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.3	37.9
123	10.9	8.6	13.0



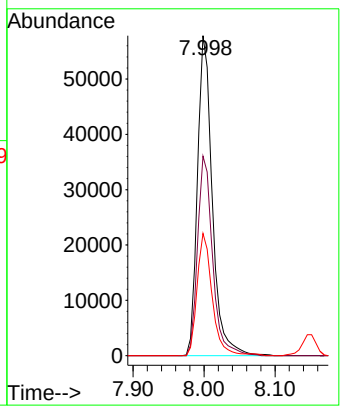


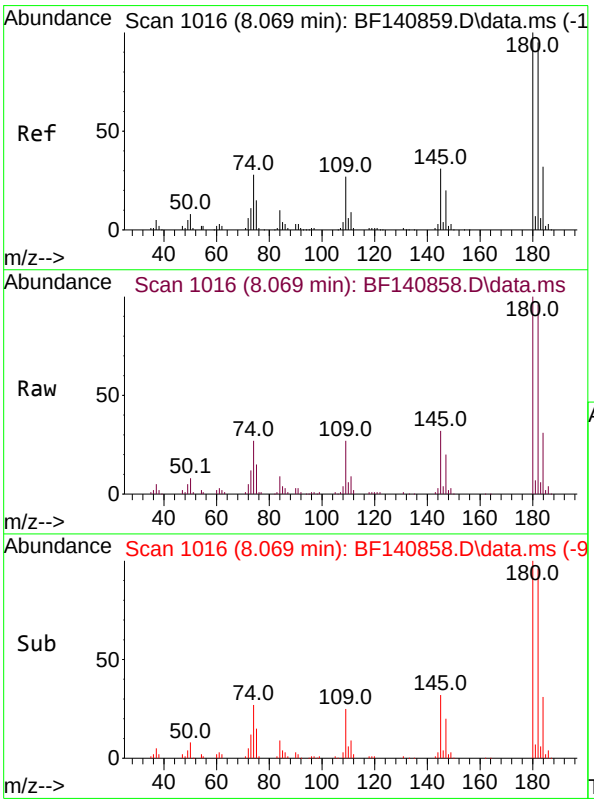
#29
2,4-Dichlorophenol
Concen: 20.575 ng
RT: 7.998 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 84299

Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.7	83.7
98	38.2	18.6	58.6

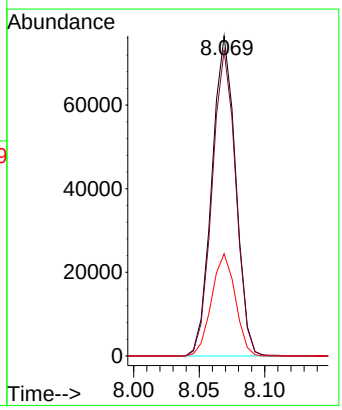


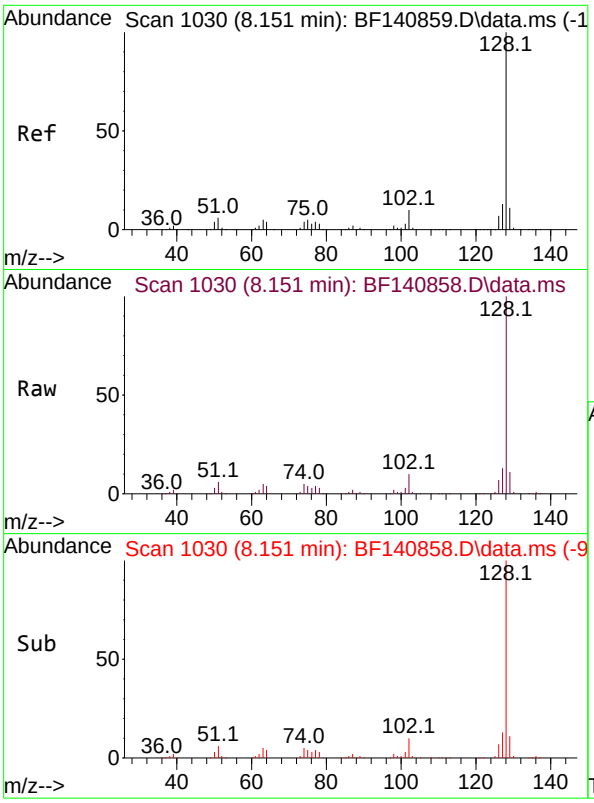


#30
1,2,4-Trichlorobenzene
Concen: 20.481 ng
RT: 8.069 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:180 Resp: 96194

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	31.9	25.2	37.8



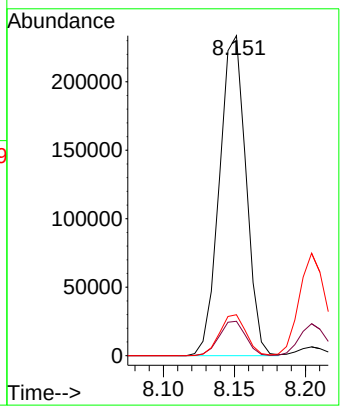


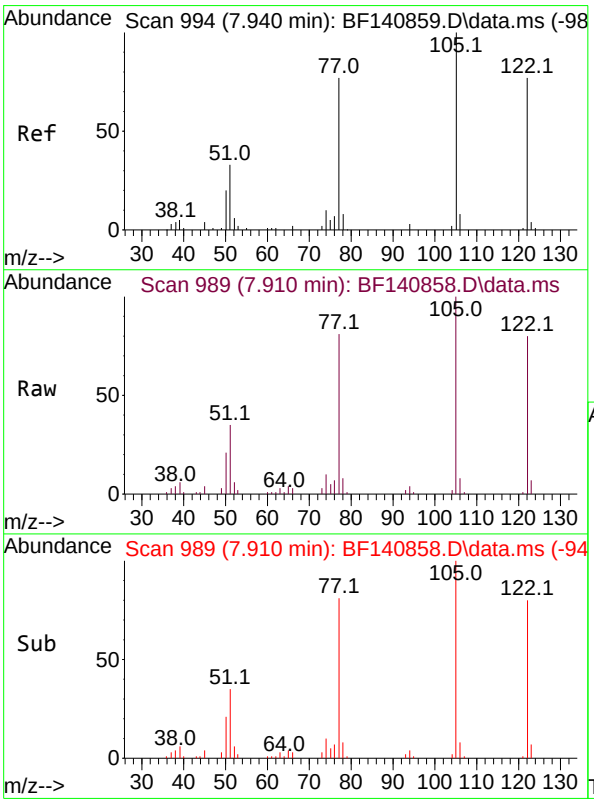
#31
Naphthalene
Concen: 20.500 ng
RT: 8.151 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 303425

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.8	10.6	16.0

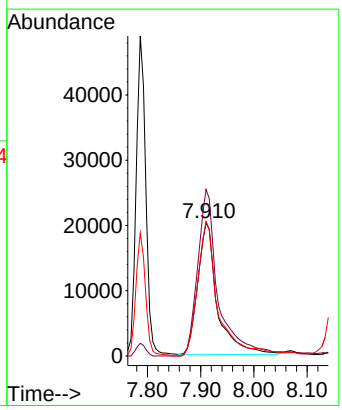


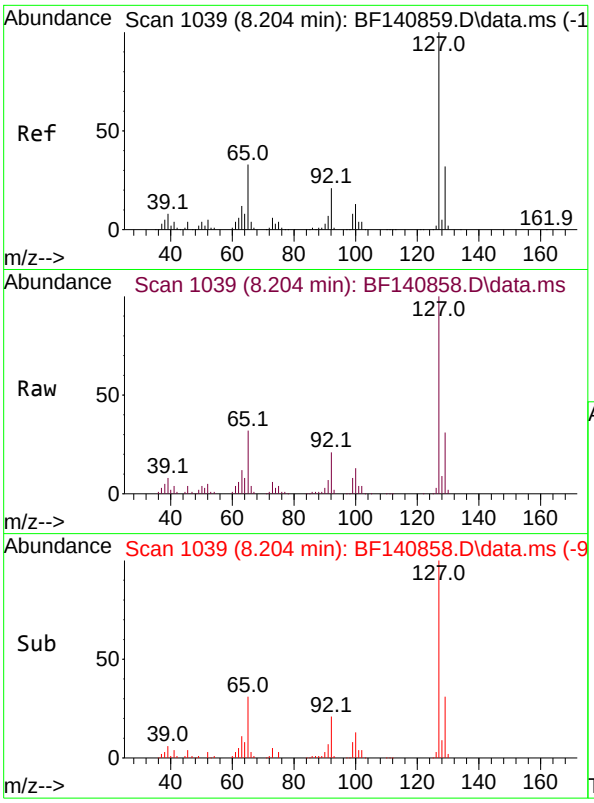


#32
Benzoic acid
Concen: 18.394 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.030 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:122 Resp: 51770

Ion	Ratio	Lower	Upper
122	100		
105	125.0	108.3	148.3
77	100.9	78.8	118.8



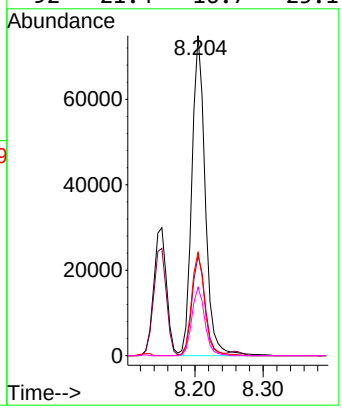


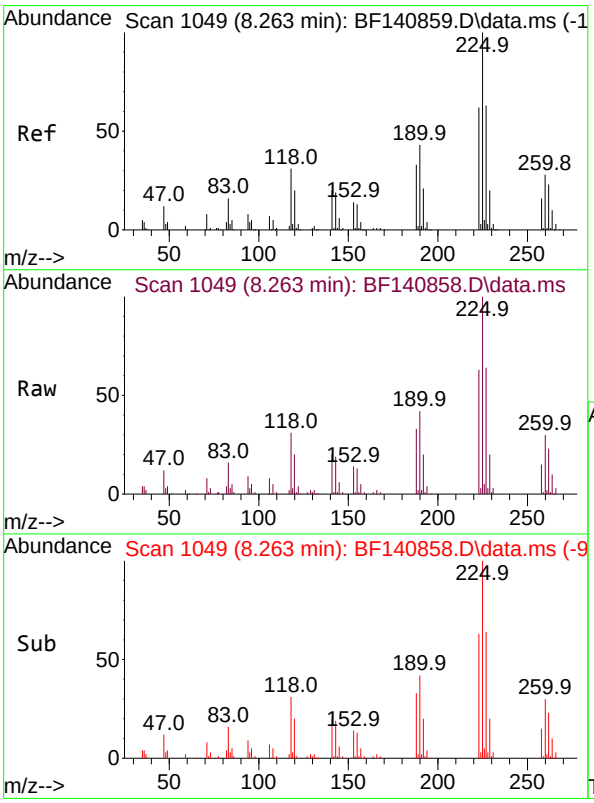
#33
4-Chloroaniline
Concen: 20.664 ng
RT: 8.204 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 101583

Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.0	39.0
65	32.3	26.0	39.0
92	21.4	16.7	25.1

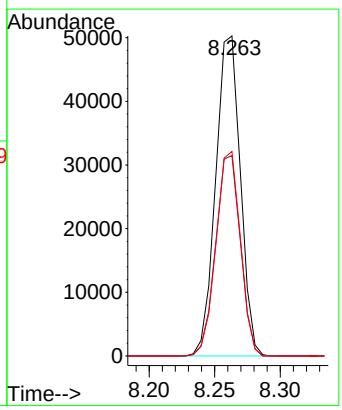


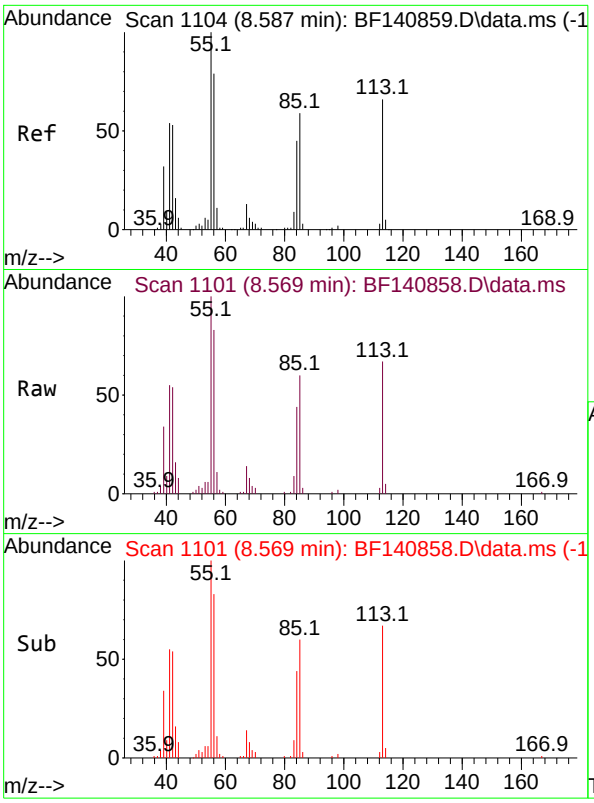


#34
Hexachlorobutadiene
Concen: 20.824 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:225 Resp: 65803

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.6	74.4
227	63.9	50.7	76.1



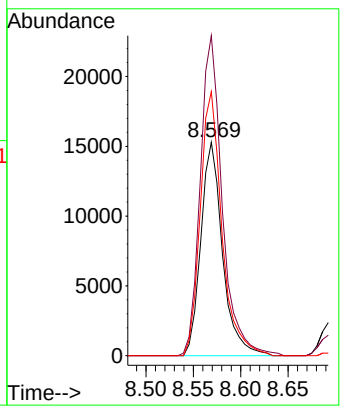


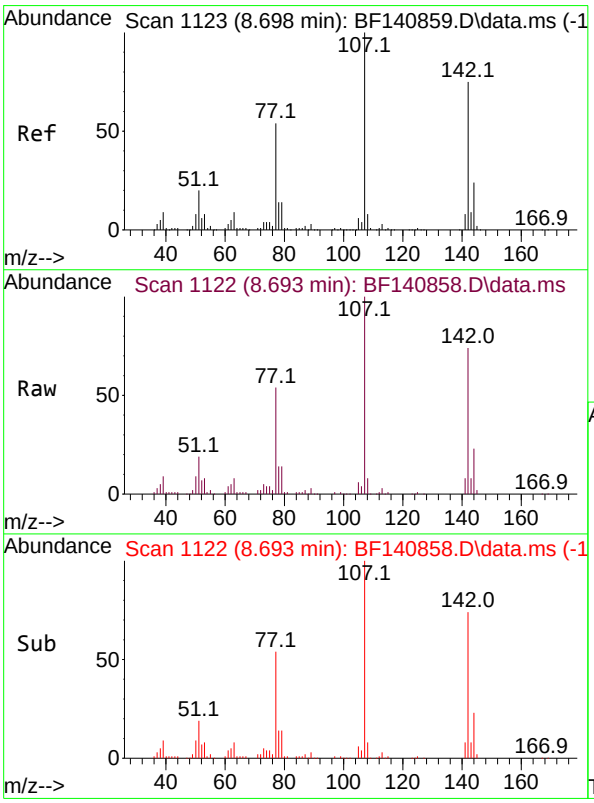
#35
Caprolactam
Concen: 19.958 ng
RT: 8.569 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 24344

Ion	Ratio	Lower	Upper
113	100		
55	149.9	132.3	172.3
56	123.7	100.3	140.3

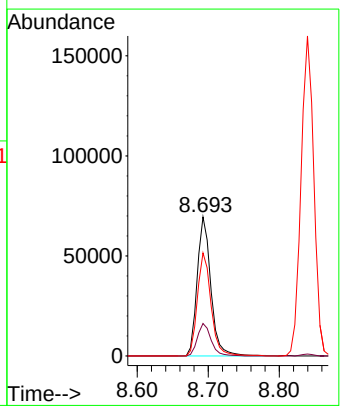


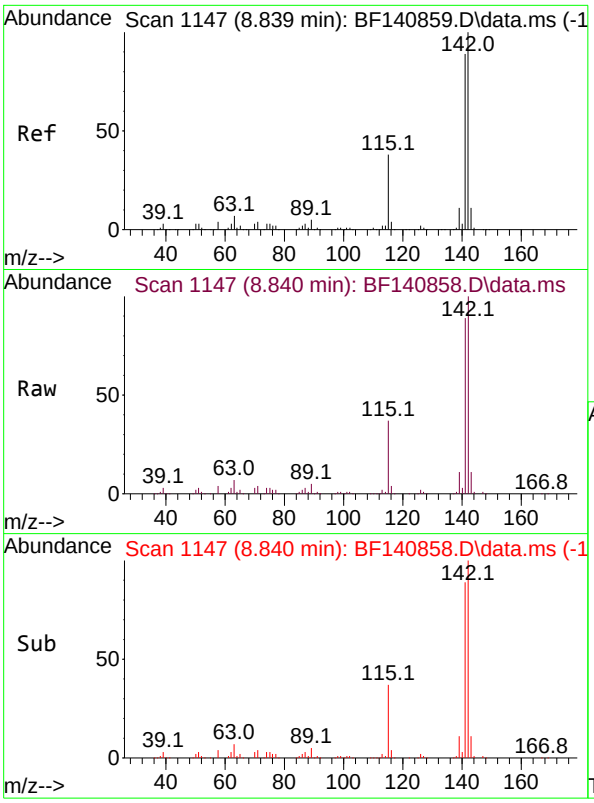


#36
4-Chloro-3-methylphenol
Concen: 20.300 ng
RT: 8.693 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:107 Resp: 93611

Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.4	29.2
142	74.1	60.3	90.5



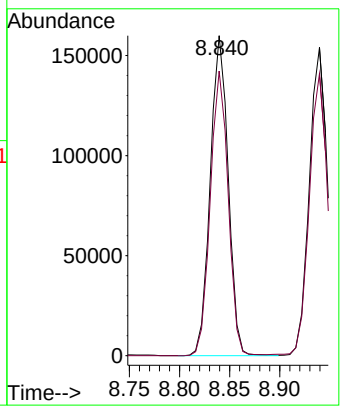


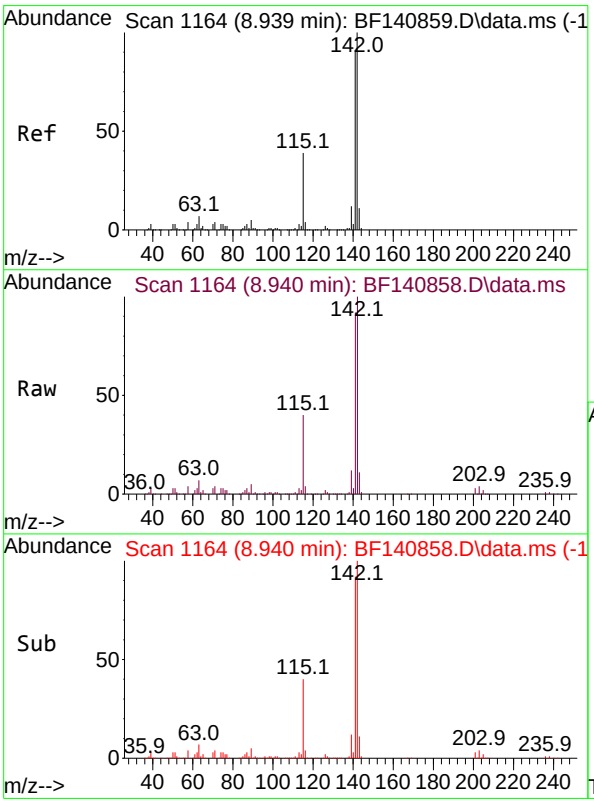
#37
2-Methylnaphthalene
Concen: 20.375 ng
RT: 8.840 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 199492

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6

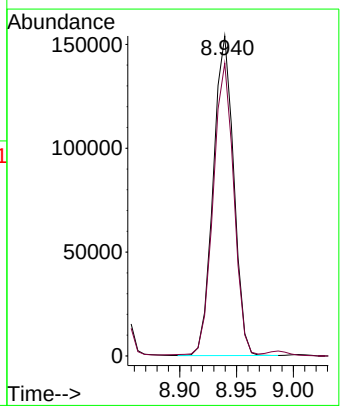


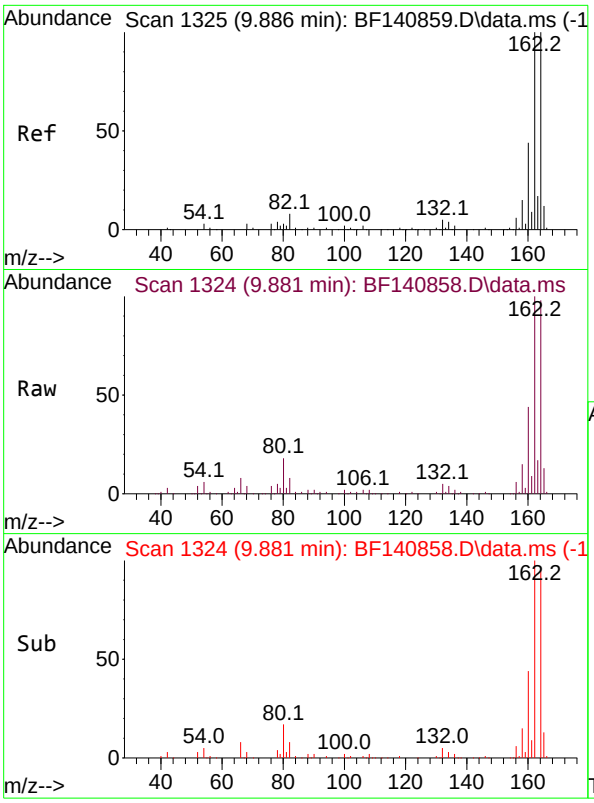


#38
1-Methylnaphthalene
Concen: 19.937 ng
RT: 8.940 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:142 Resp: 193053

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.4	110.0



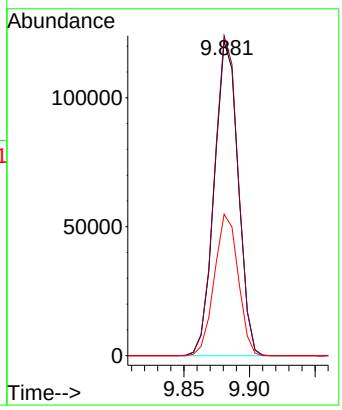


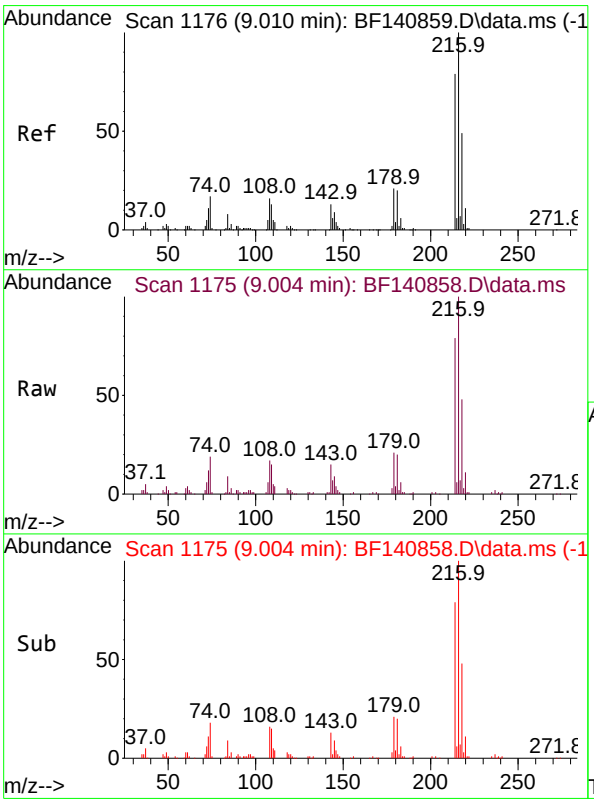
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 153586

Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.9	119.9
160	45.0	35.2	52.8

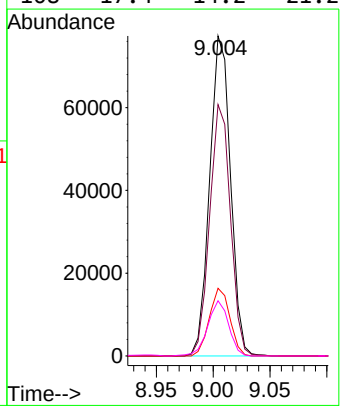


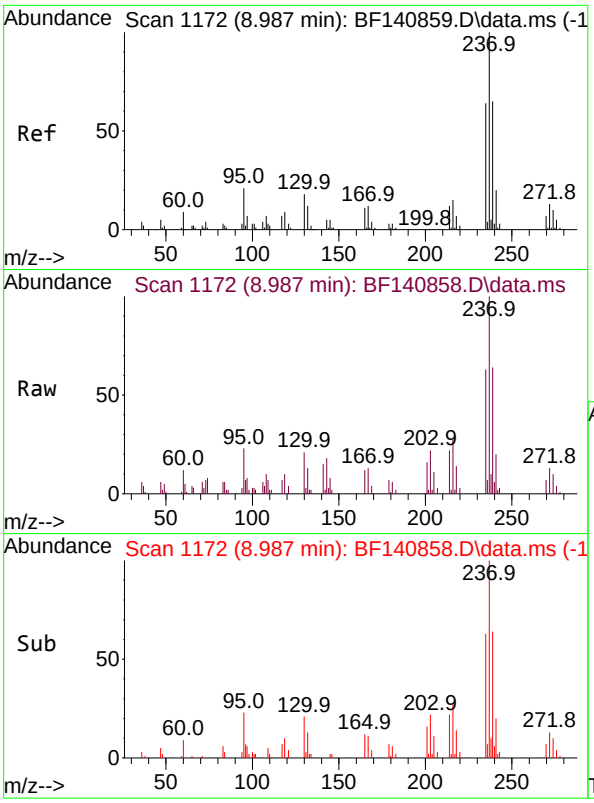


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.869 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:216 Resp: 98517

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.6	95.4
179	20.8	17.0	25.4
108	17.4	14.2	21.2



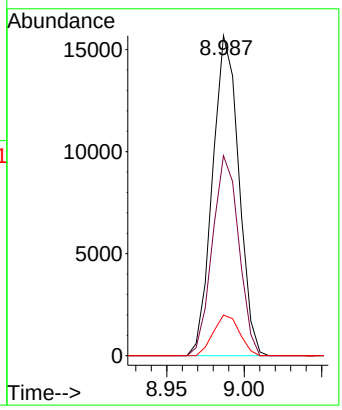


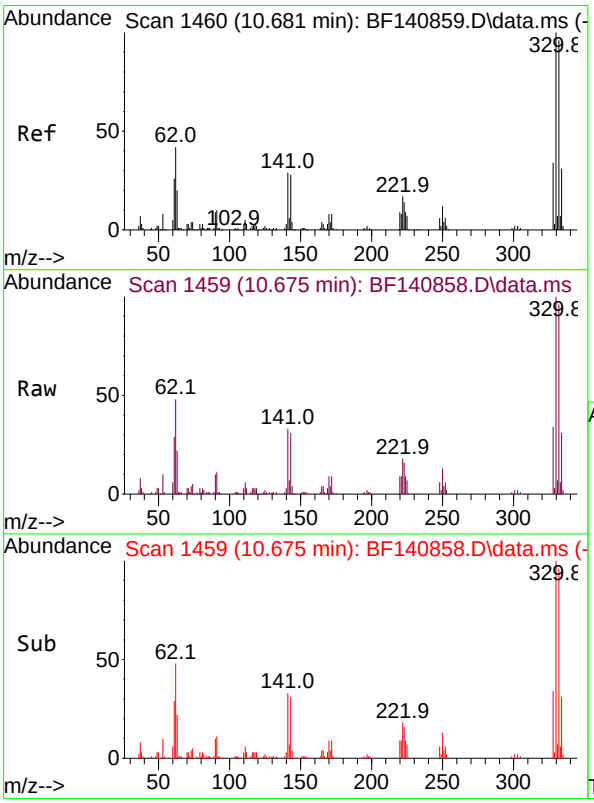
#41
Hexachlorocyclopentadiene
Concen: 21.391 ng
RT: 8.987 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 18486

Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.7	83.7
272	12.7	0.0	32.9

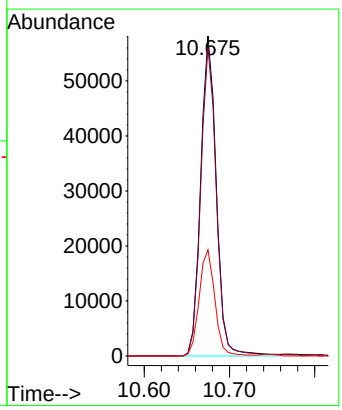


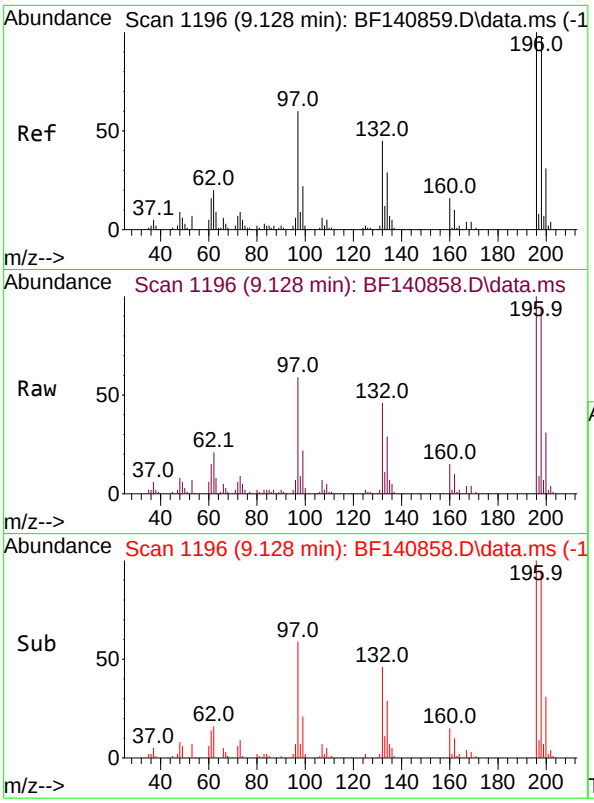


#42
2,4,6-Tribromophenol
Concen: 40.909 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:330 Resp: 74311

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.2	114.4
141	33.3	24.9	37.3



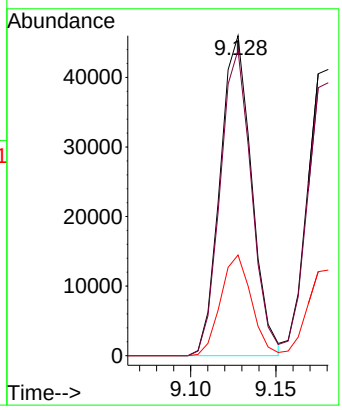


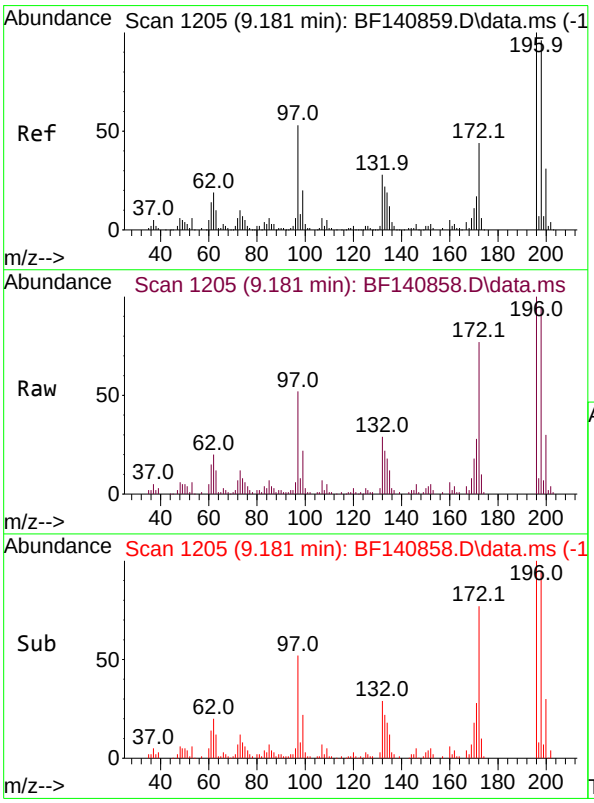
#43
2,4,6-Trichlorophenol
Concen: 20.509 ng
RT: 9.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 59284

Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.4	116.0
200	31.5	24.5	36.7

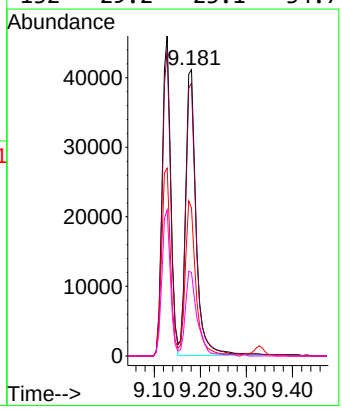


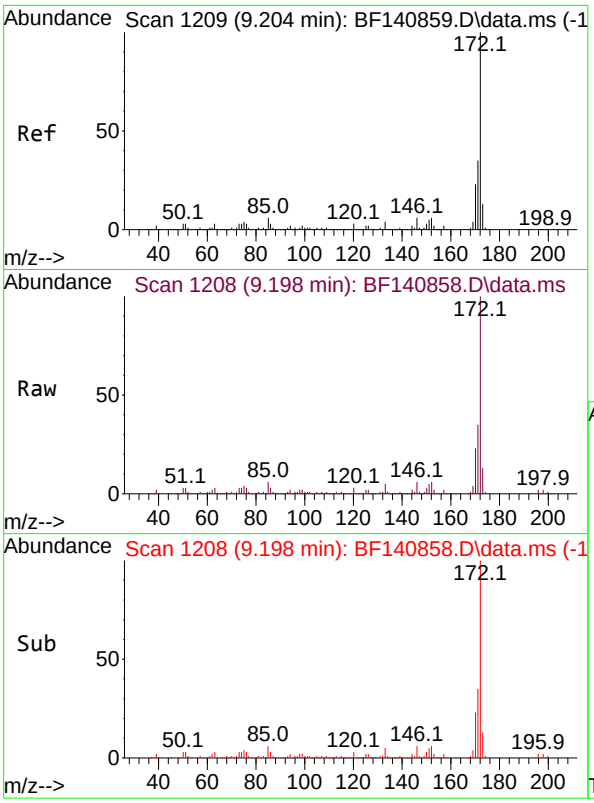


#44
2,4,5-Trichlorophenol
Concen: 20.600 ng
RT: 9.181 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:196 Resp: 65450

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.2	115.8
97	51.7	42.2	63.4
132	29.2	23.1	34.7



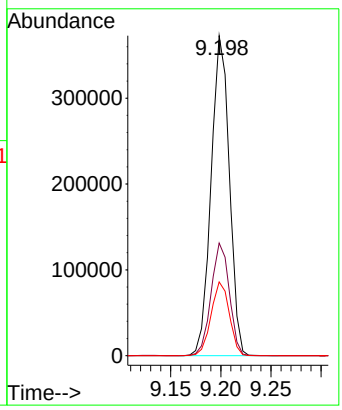


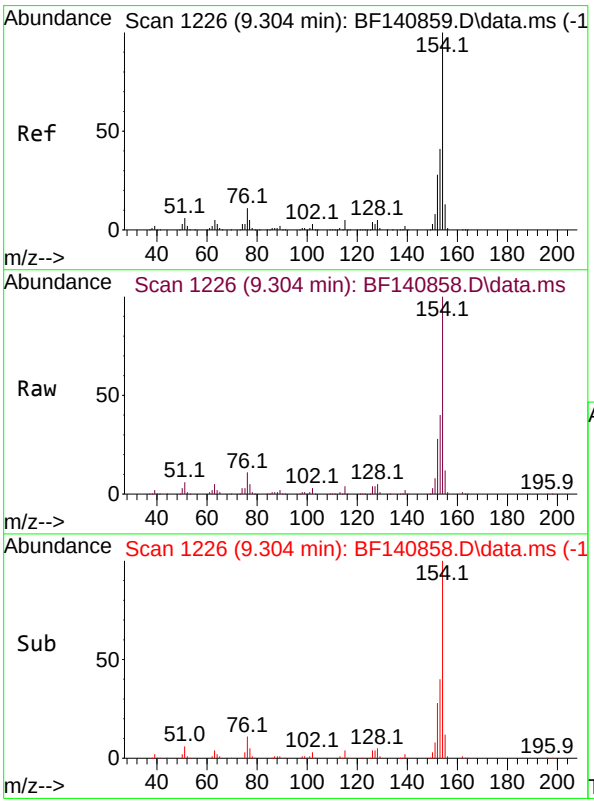
#45
2-Fluorobiphenyl
Concen: 42.281 ng
RT: 9.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 472330

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.4	42.6
170	23.1	18.6	28.0

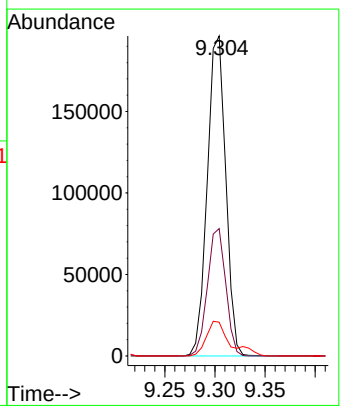


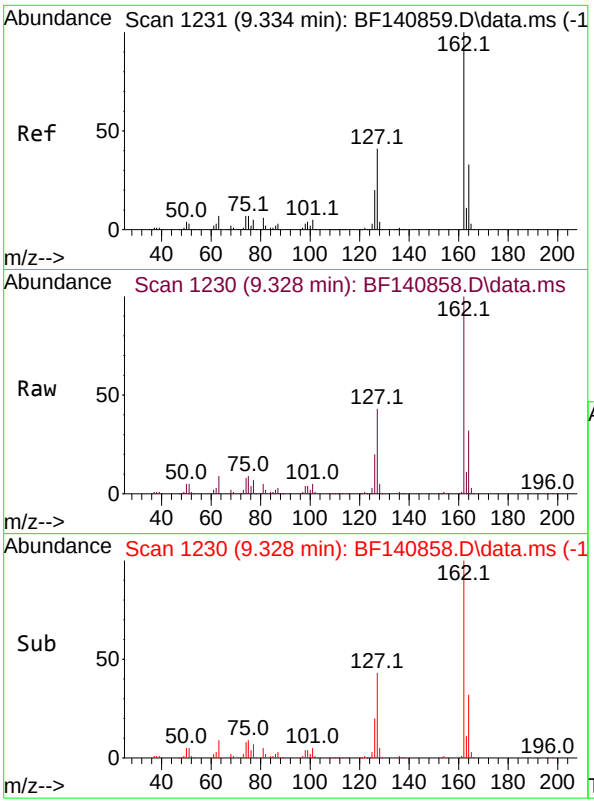


#46
1,1'-Biphenyl
Concen: 20.606 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:154 Resp: 251662

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.8	60.8
76	10.5	0.0	31.0



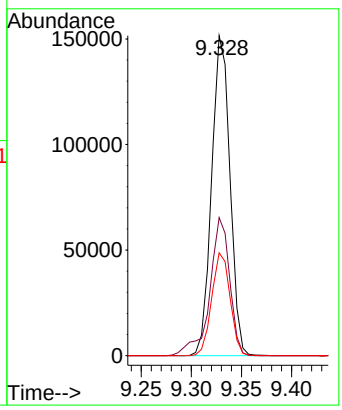


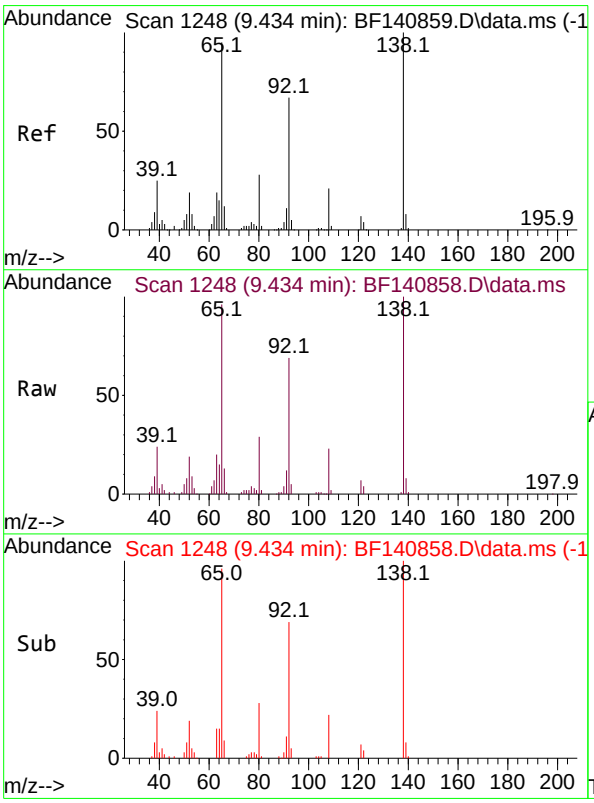
#47
2-Chloronaphthalene
Concen: 20.615 ng
RT: 9.328 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 192611

Ion	Ratio	Lower	Upper
162	100		
127	43.2	33.5	50.3
164	32.1	26.2	39.2

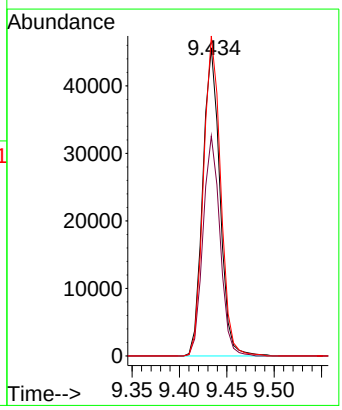


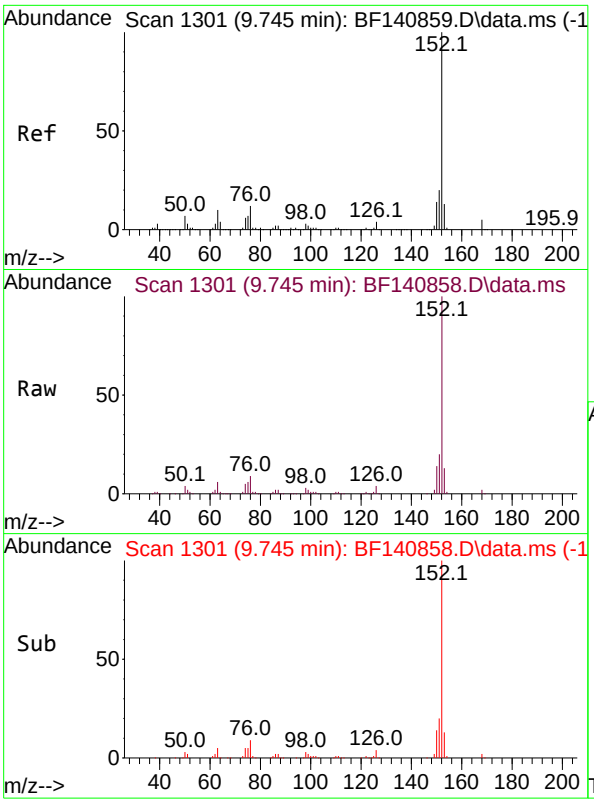


#48
2-Nitroaniline
Concen: 20.250 ng
RT: 9.434 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 65 Resp: 57140

Ion	Ratio	Lower	Upper
65	100		
92	71.4	56.3	84.5
138	103.9	83.8	125.6



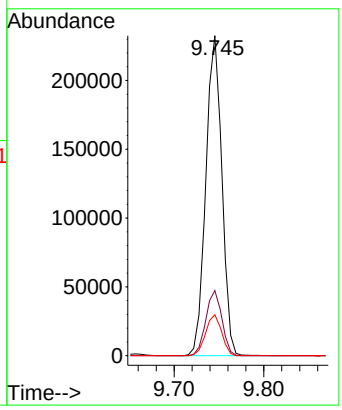


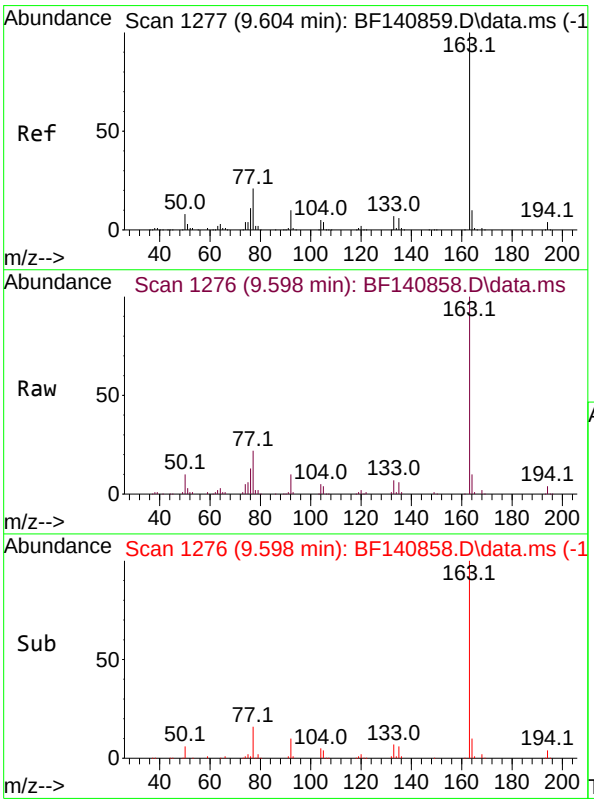
#49
Acenaphthylene
Concen: 21.027 ng
RT: 9.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 288710

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	12.8	10.6	16.0

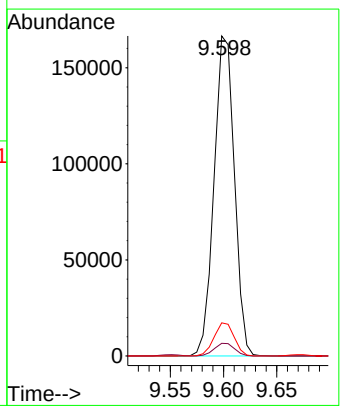


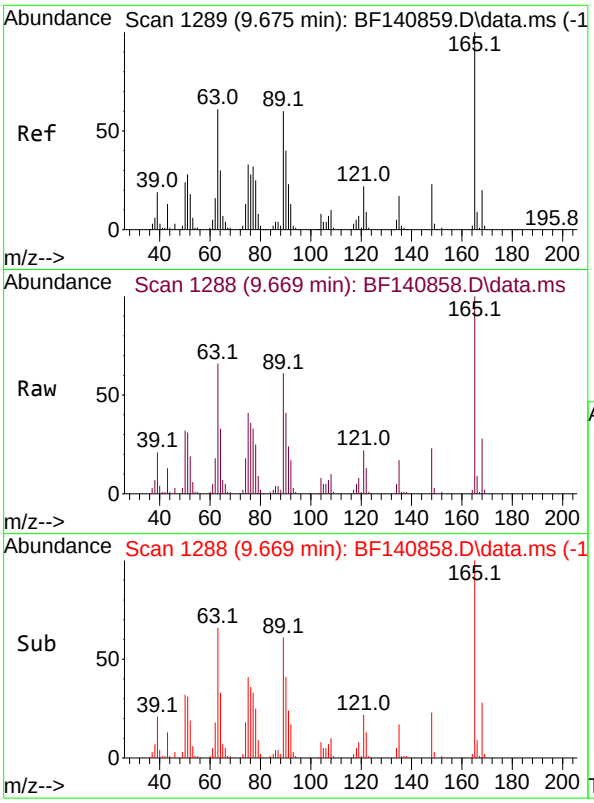


#50
Dimethylphthalate
Concen: 20.399 ng
RT: 9.598 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:163 Resp: 220880

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.3	8.1	12.1



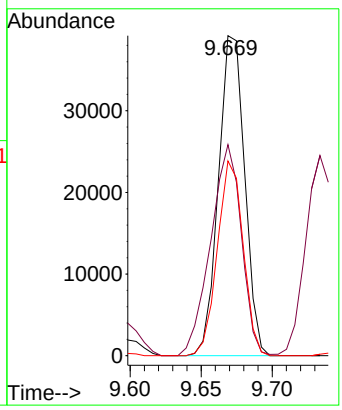


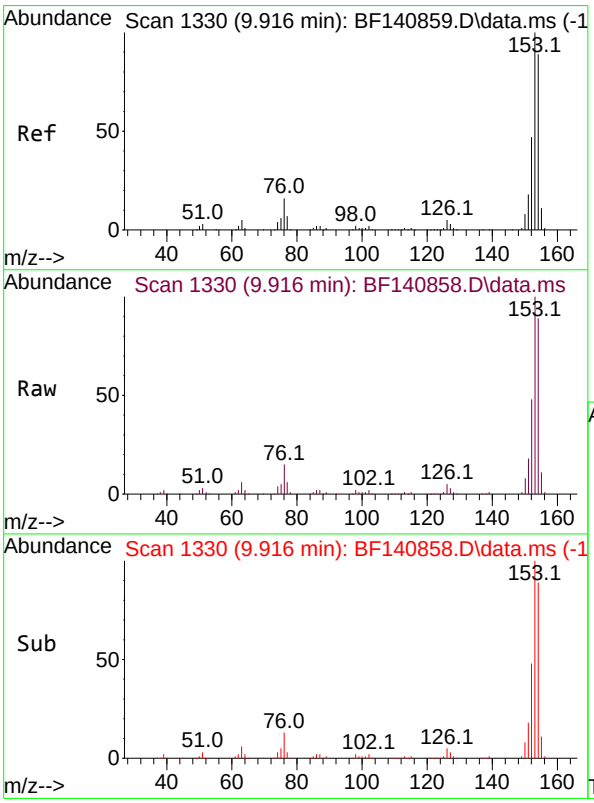
#51
2,6-Dinitrotoluene
Concen: 20.321 ng
RT: 9.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 50302

Ion	Ratio	Lower	Upper
165	100		
63	66.0	49.7	74.5
89	60.9	48.2	72.4

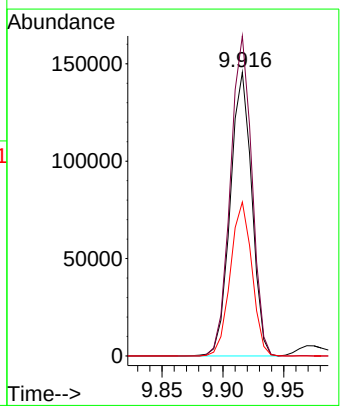


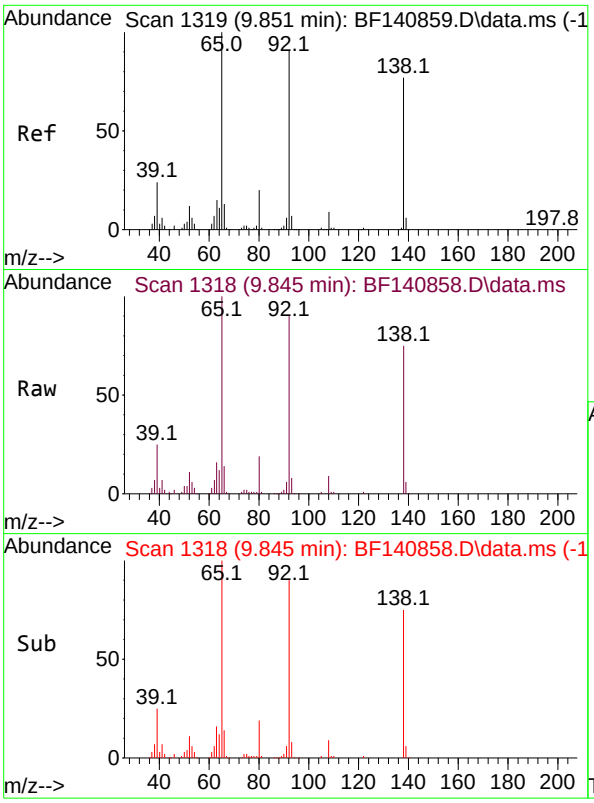


#52
Acenaphthene
Concen: 20.422 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:154 Resp: 179112

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.9	134.9
152	54.2	42.6	63.8



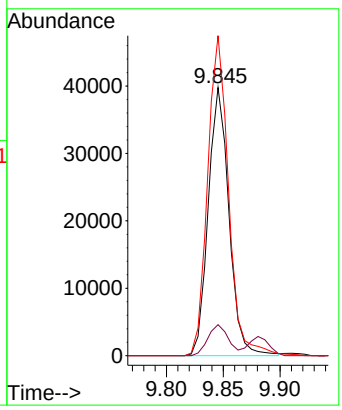


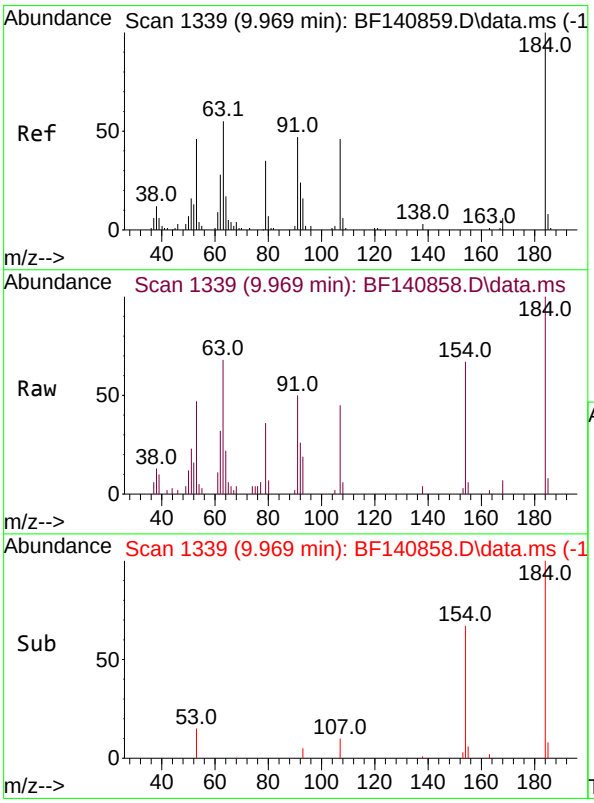
#53
3-Nitroaniline
Concen: 20.538 ng
RT: 9.845 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 50453

Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.0	13.4
92	119.3	95.5	143.3

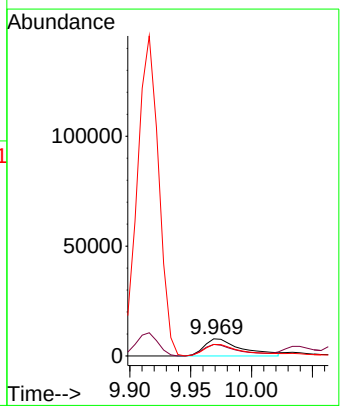


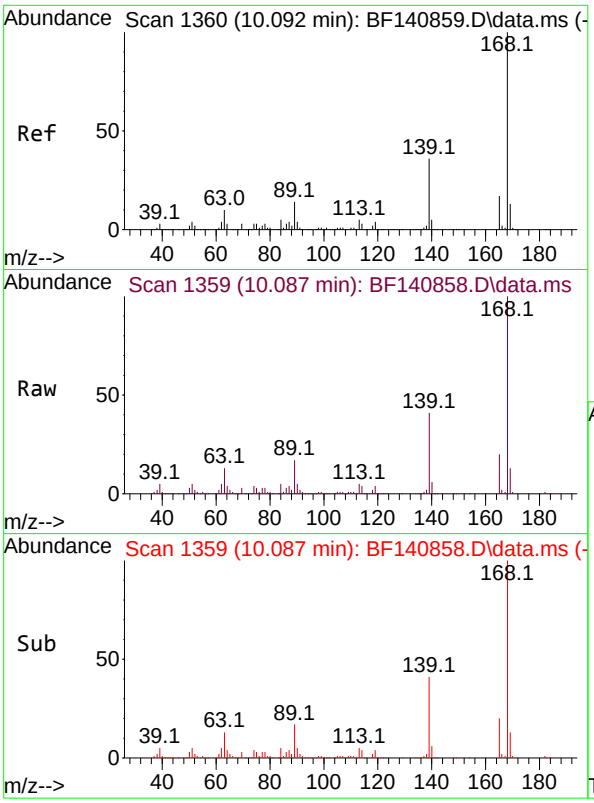


#54
2,4-Dinitrophenol
Concen: 19.139 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:184 Resp: 16571

Ion	Ratio	Lower	Upper
184	100		
63	67.6	51.6	77.4
154	67.1	56.1	84.1



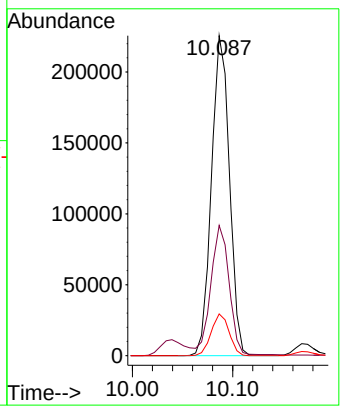


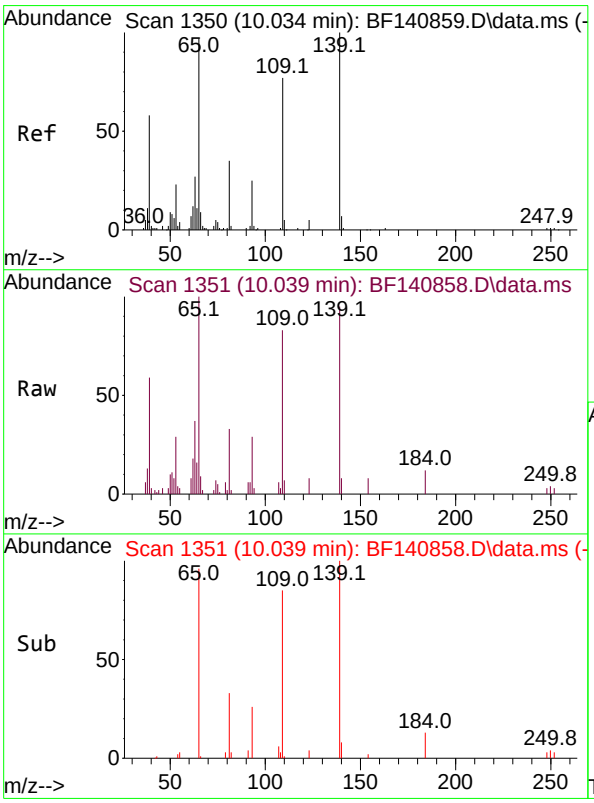
#55
Dibenzofuran
Concen: 20.683 ng
RT: 10.087 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 281092

Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.1	46.7
169	13.1	10.6	16.0

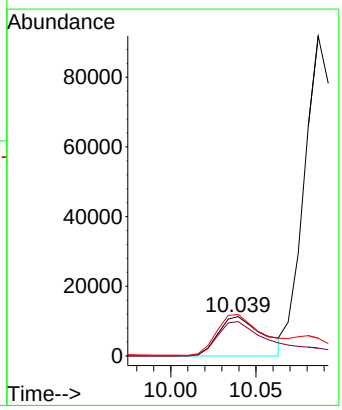


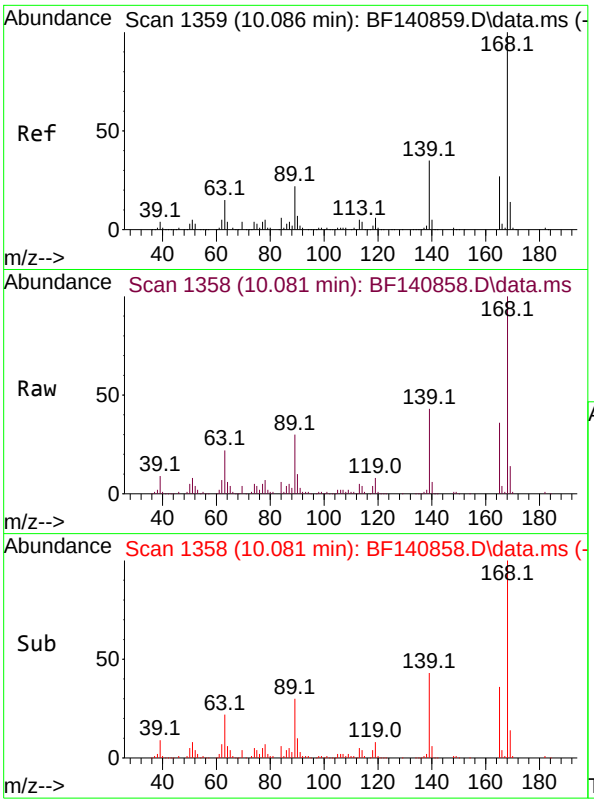


#56
4-Nitrophenol
Concen: 19.017 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:139 Resp: 20392

Ion	Ratio	Lower	Upper
139	100		
109	87.3	56.7	96.7
65	105.5	78.1	118.1



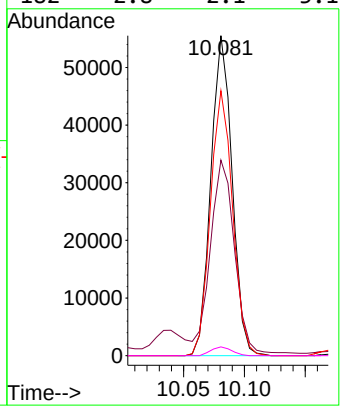


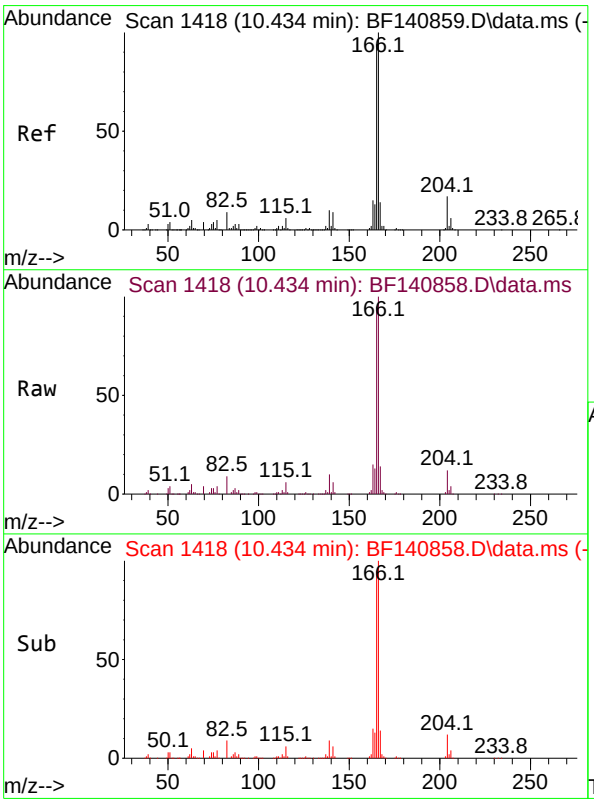
#57
2,4-Dinitrotoluene
Concen: 20.746 ng
RT: 10.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 67570

Ion	Ratio	Lower	Upper
165	100		
63	61.1	49.3	73.9
89	82.8	66.2	99.4
182	2.8	2.1	3.1

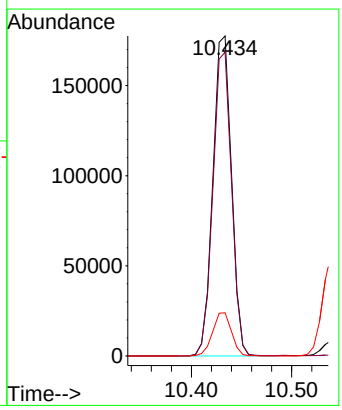


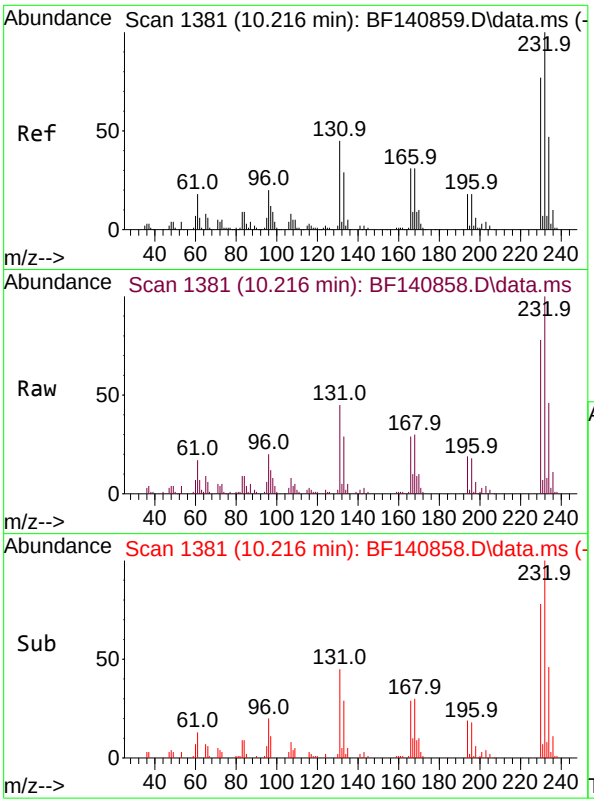


#58
Fluorene
Concen: 20.439 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:166 Resp: 229160

Ion	Ratio	Lower	Upper
166	100		
165	95.0	75.1	112.7
167	13.5	11.1	16.7



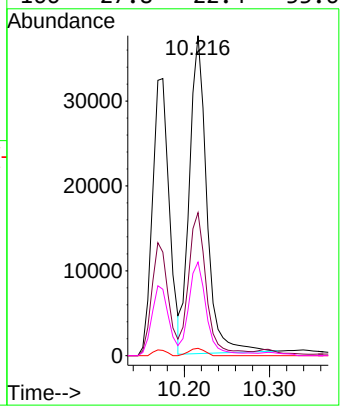


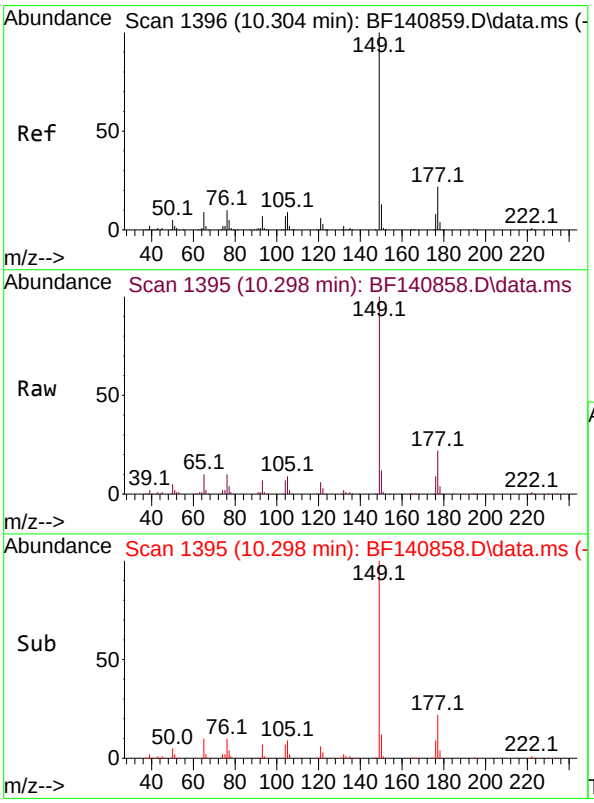
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.459 ng
RT: 10.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 52966

Ion	Ratio	Lower	Upper
232	100		
131	46.0	35.1	52.7
130	2.1	1.8	2.8
166	27.8	22.4	33.6

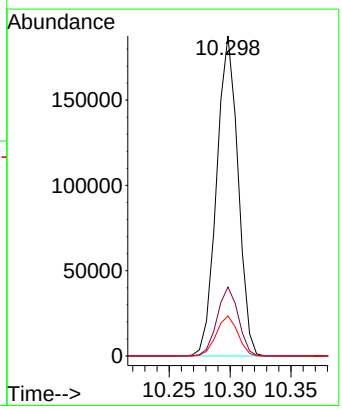


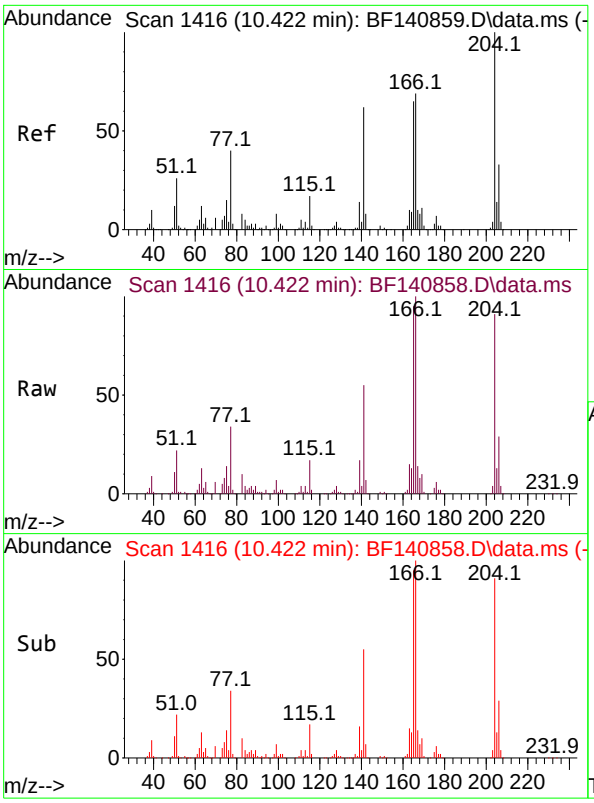


#60
Diethylphthalate
Concen: 20.466 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:149 Resp: 229798

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.2	25.8
150	12.5	10.1	15.1



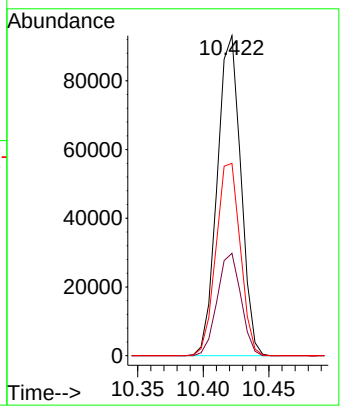


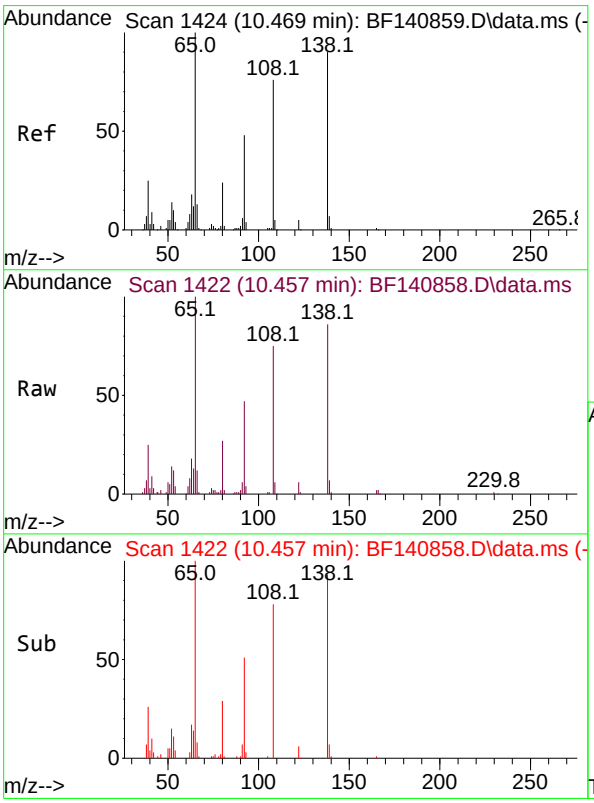
#61
4-Chlorophenyl-phenylether
Concen: 20.693 ng
RT: 10.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 116545

Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	60.1	50.0	75.0

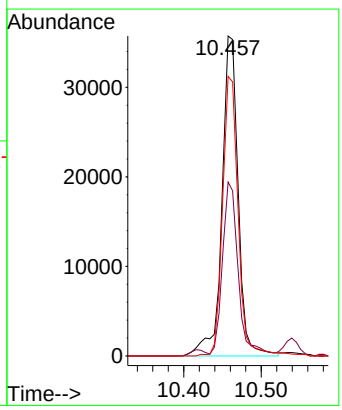


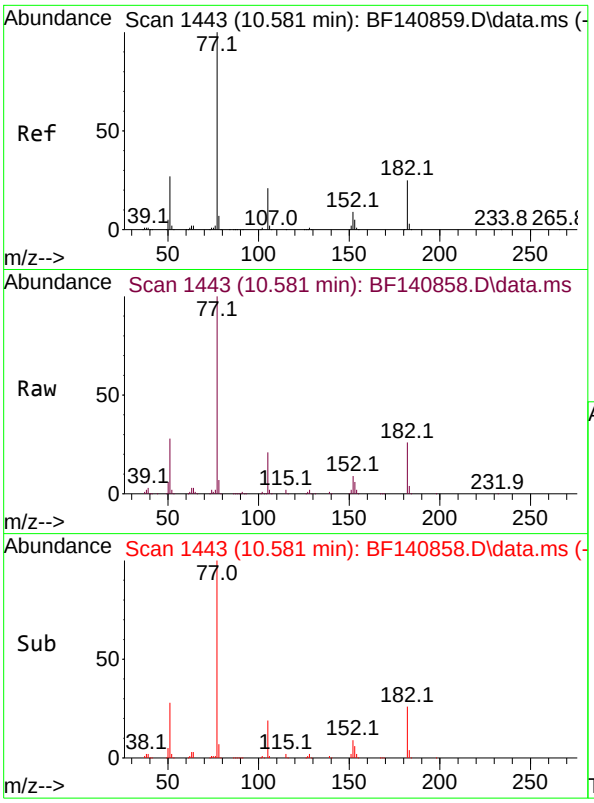


#62
4-Nitroaniline
Concen: 20.263 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:138 Resp: 52016

Ion	Ratio	Lower	Upper
138	100		
92	54.4	32.6	72.6
108	87.4	64.1	104.1



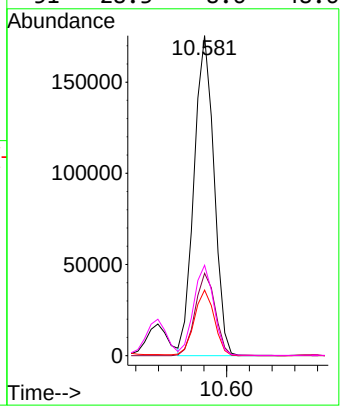


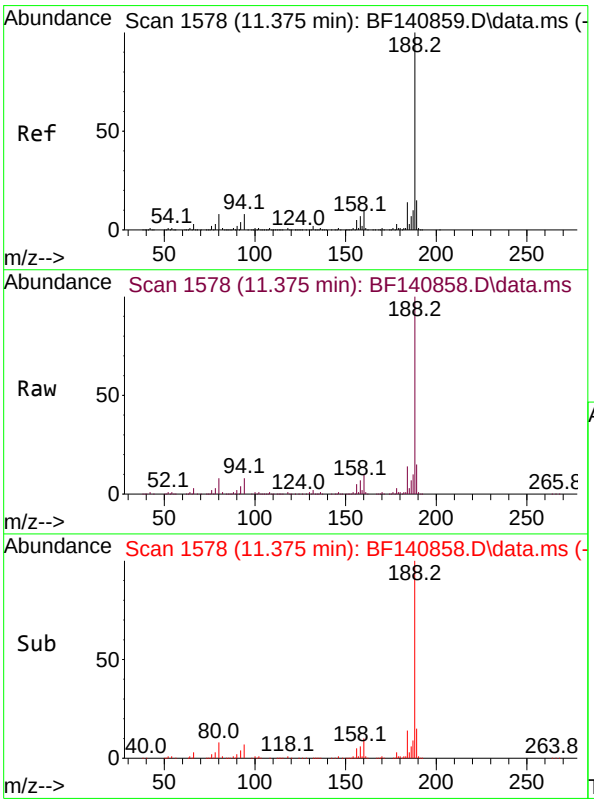
#63
Azobenzene
Concen: 20.286 ng
RT: 10.581 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 214137

Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.5	44.5
105	20.5	0.9	40.9
51	28.3	8.6	48.6

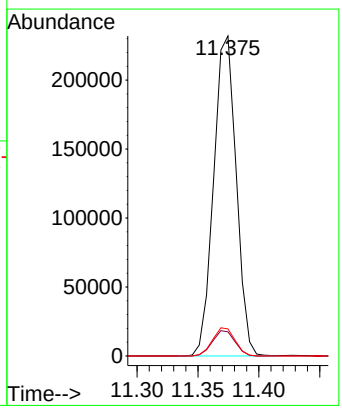


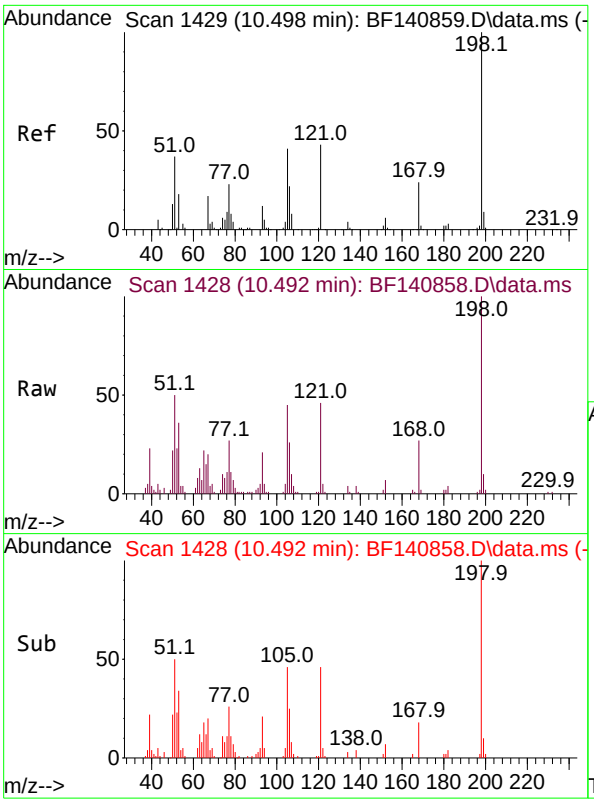


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:188 Resp: 299699

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.4	9.6
80	8.4	6.8	10.2



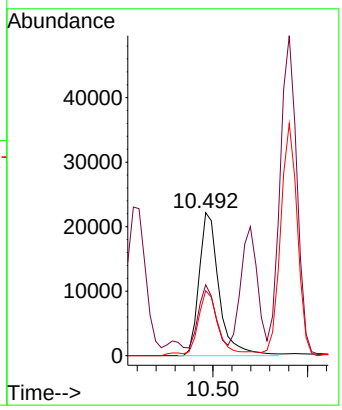


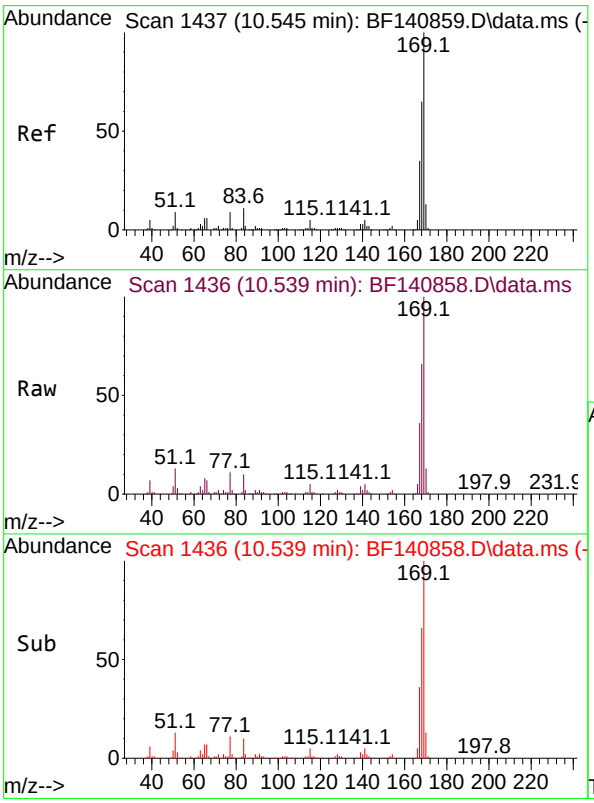
#65
4,6-Dinitro-2-methylphenol
Concen: 19.149 ng
RT: 10.492 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 32520

Ion	Ratio	Lower	Upper
198	100		
51	49.6	24.4	64.4
105	45.4	22.1	62.1

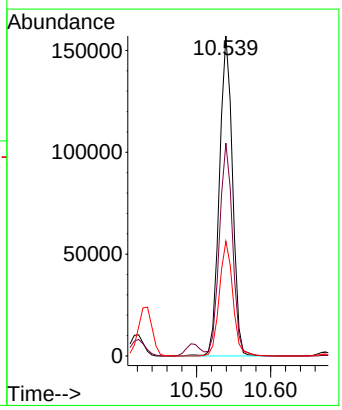


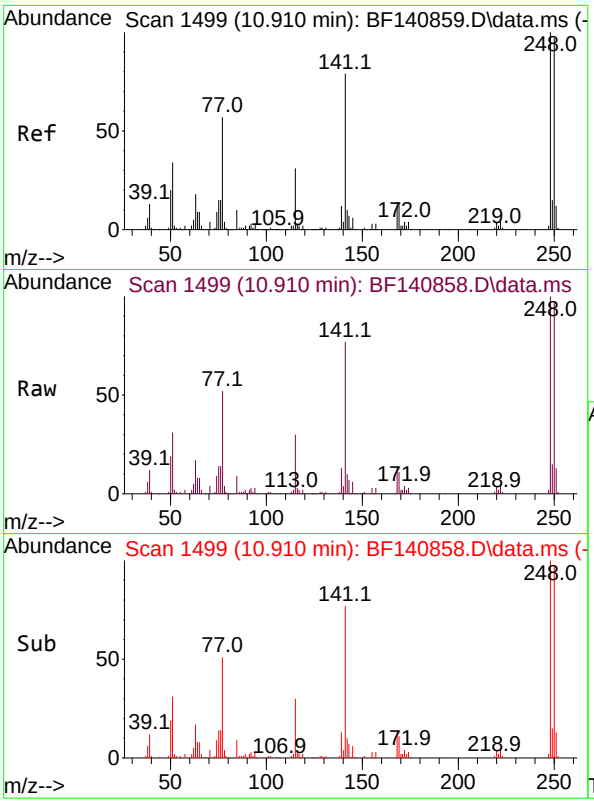


#66
n-Nitrosodiphenylamine
Concen: 20.932 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:169 Resp: 192873

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.4	80.0
167	35.9	28.3	42.5



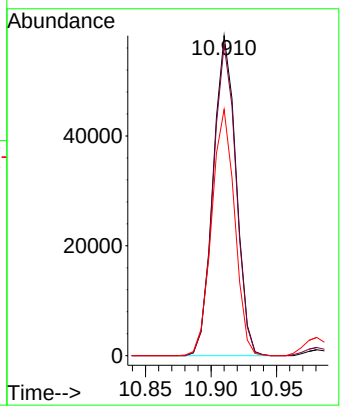


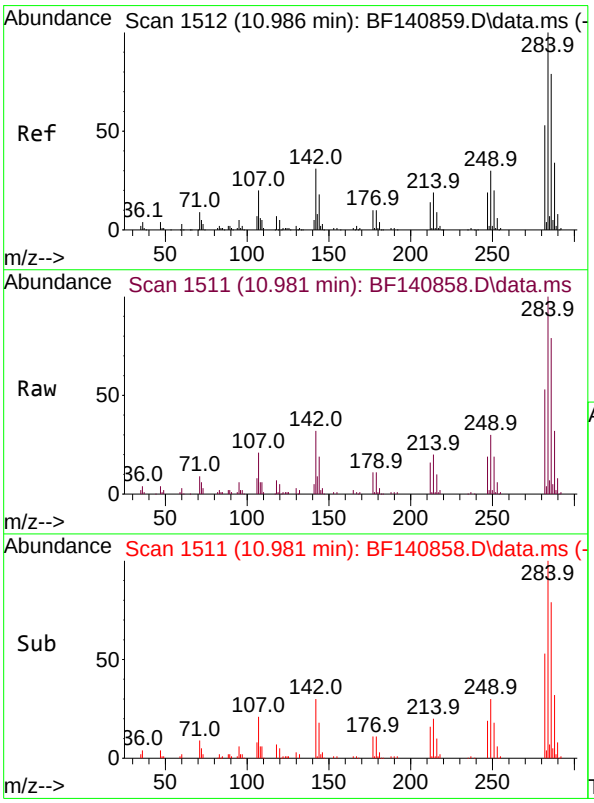
#67
4-Bromophenyl-phenylether
Concen: 21.118 ng
RT: 10.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 70804

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.4	116.2
141	77.0	62.9	94.3

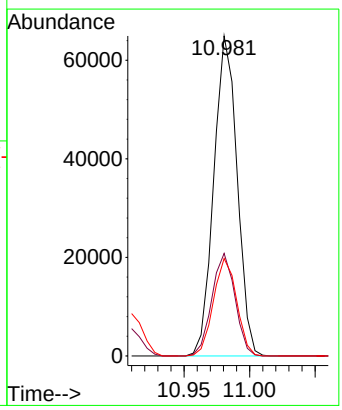


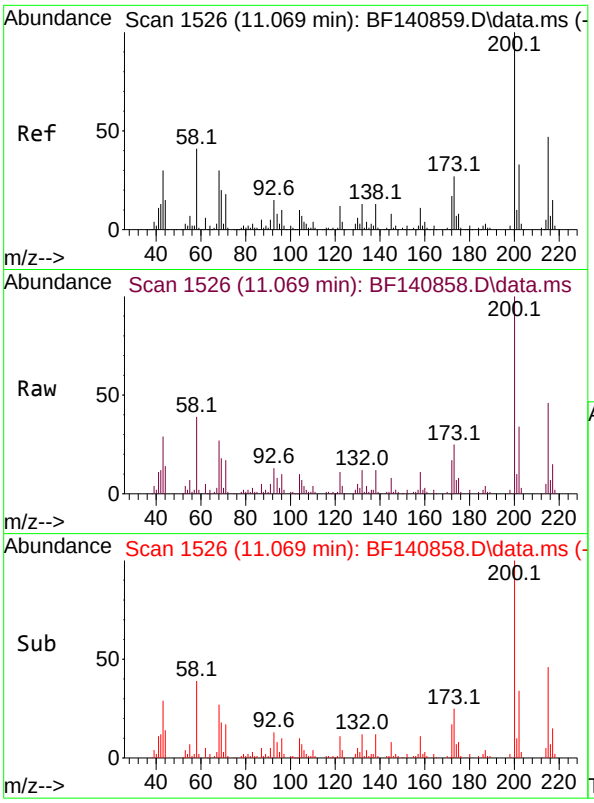


#68
Hexachlorobenzene
Concen: 21.095 ng
RT: 10.981 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:284 Resp: 80189

Ion	Ratio	Lower	Upper
284	100		
142	32.0	24.6	36.8
249	30.5	24.3	36.5



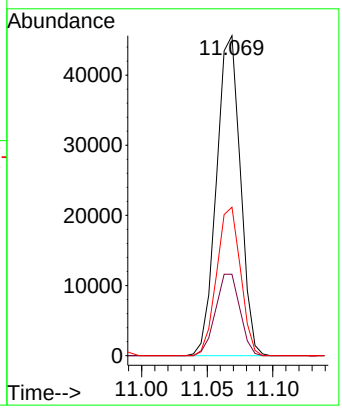


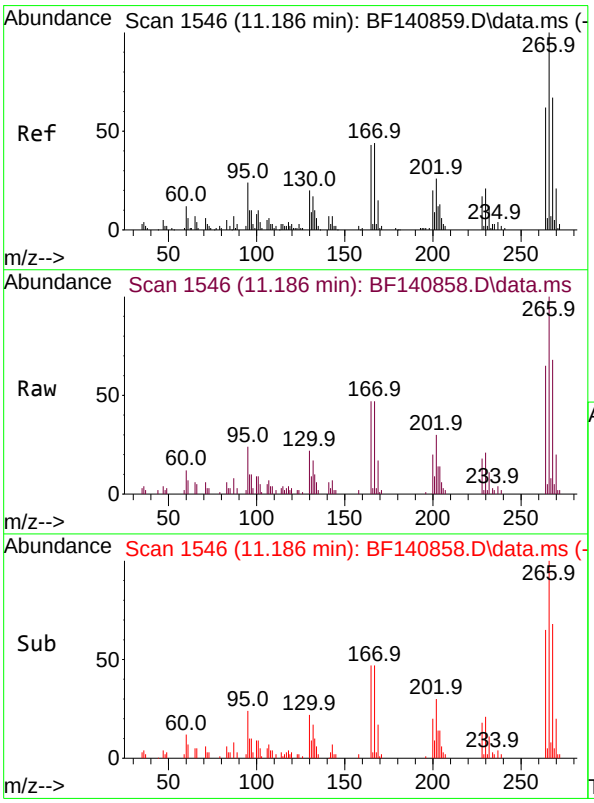
#69
Atrazine
Concen: 22.488 ng
RT: 11.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 57872

Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.6	46.6
215	46.4	26.7	66.7

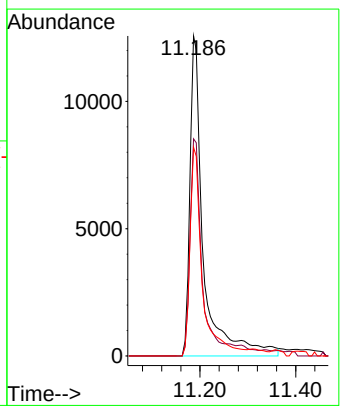


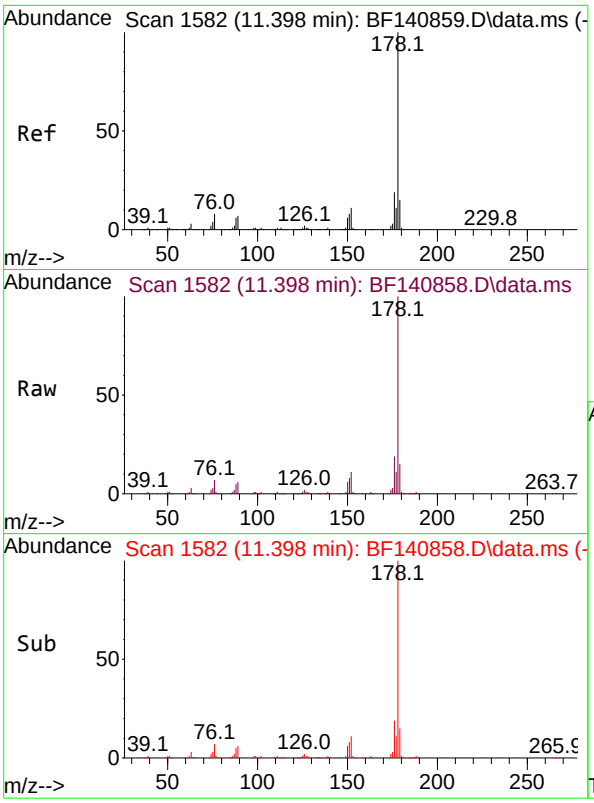


#70
Pentachlorophenol
Concen: 17.726 ng m
RT: 11.186 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:266 Resp: 24650

Ion	Ratio	Lower	Upper
266	100		
268	67.9	54.0	81.0
264	65.2	49.4	74.2



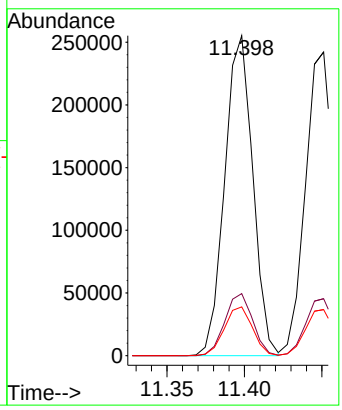


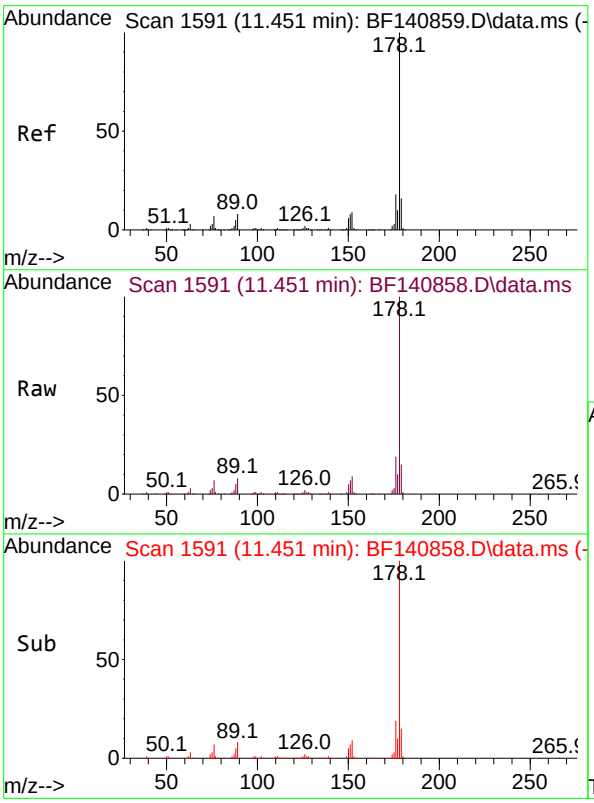
#71
Phenanthrene
Concen: 20.854 ng
RT: 11.398 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 321392

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.3	12.1	18.1

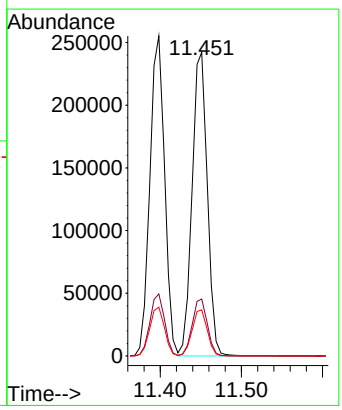


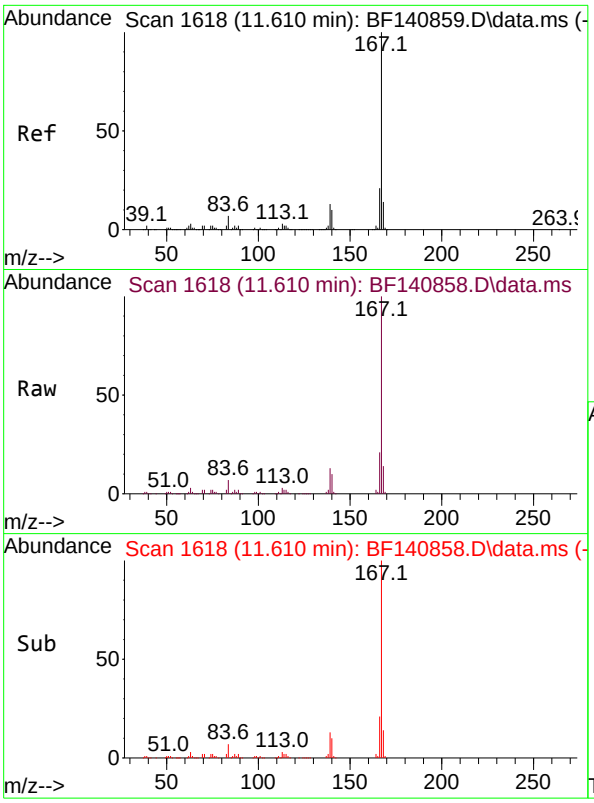


#72
Anthracene
Concen: 20.798 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:178 Resp: 315664

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.2	12.6	18.8



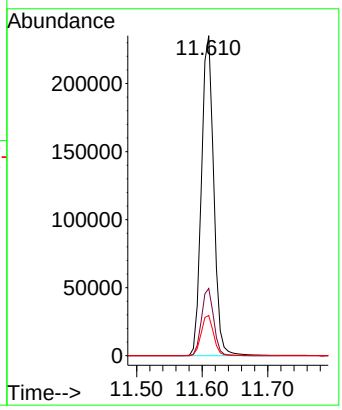


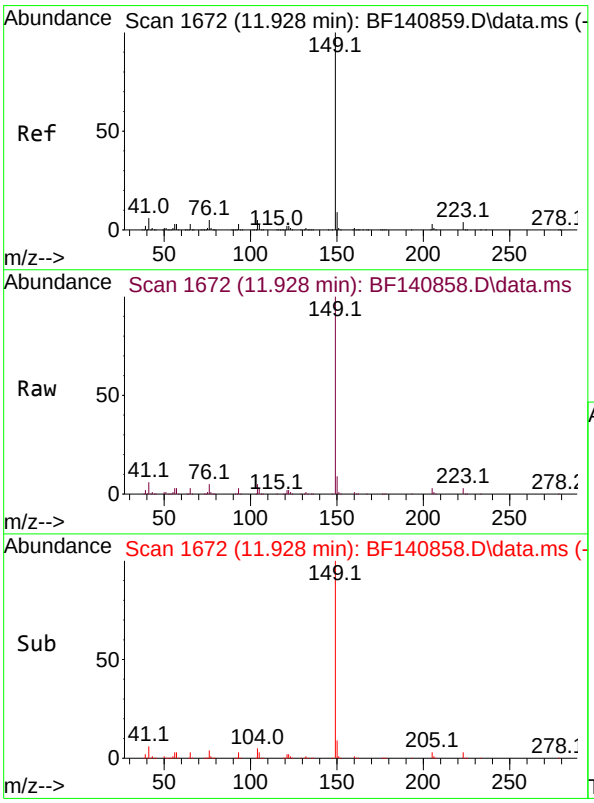
#73
Carbazole
Concen: 20.692 ng
RT: 11.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 307615

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	12.6	10.2	15.2

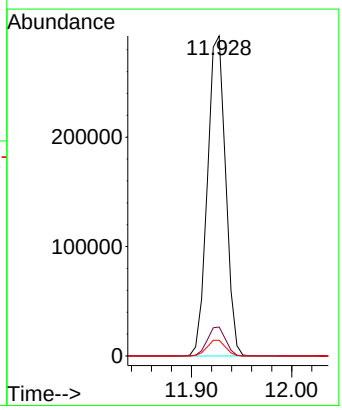


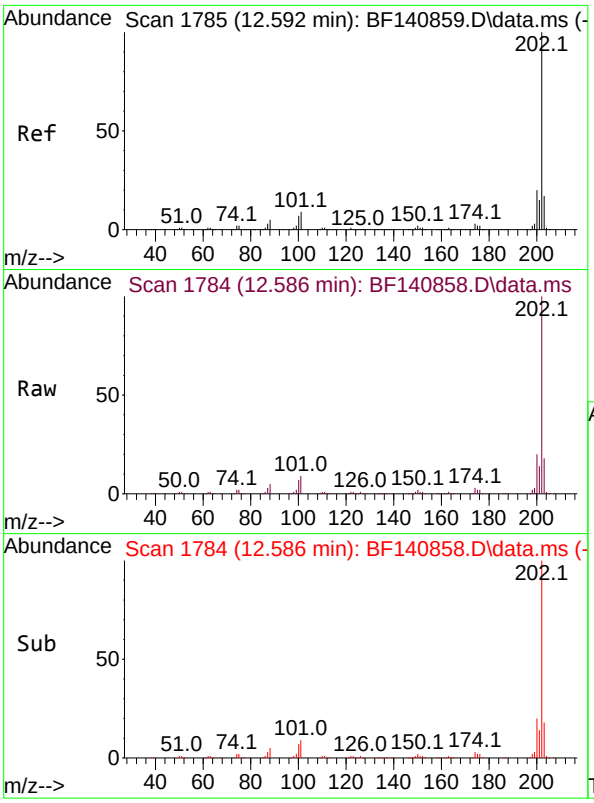


#74
Di-n-butylphthalate
Concen: 21.164 ng
RT: 11.928 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:149 Resp: 369257

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.9	3.8	5.8



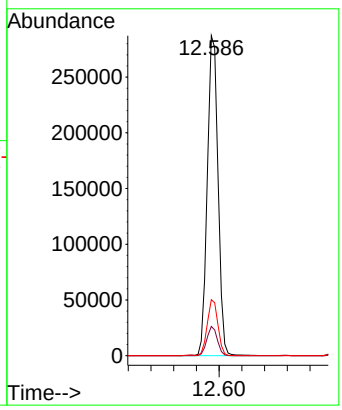


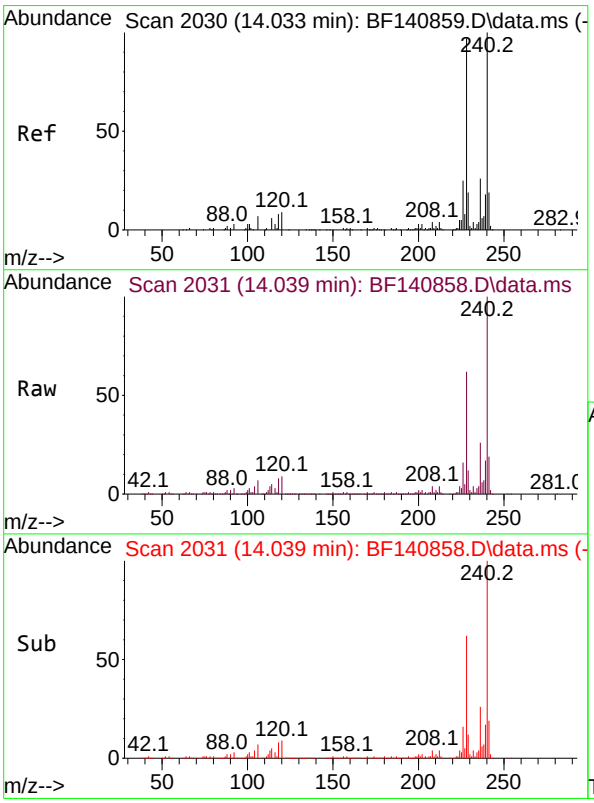
#75
Fluoranthene
Concen: 21.122 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 374894

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.3
203	17.5	0.0	37.4

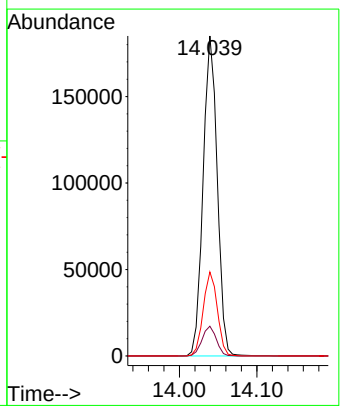


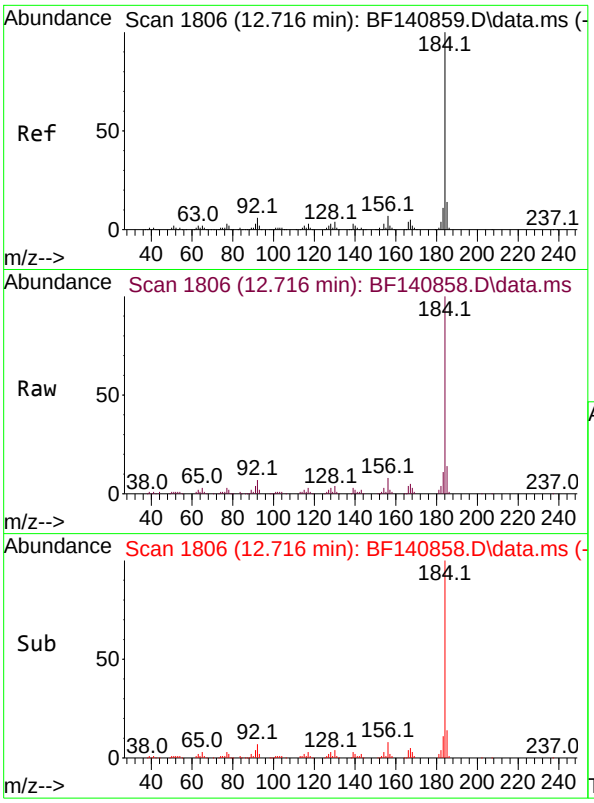


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:240 Resp: 234229

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.6	11.4
236	26.3	20.5	30.7



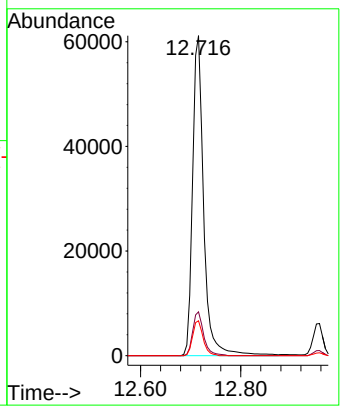


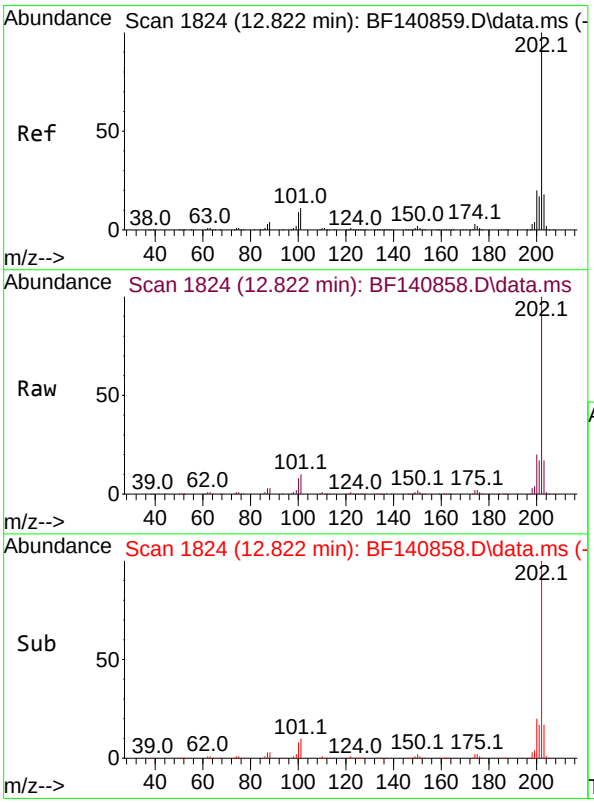
#77
Benzidine
Concen: 19.660 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 93986

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.1	16.7
183	10.9	9.0	13.4

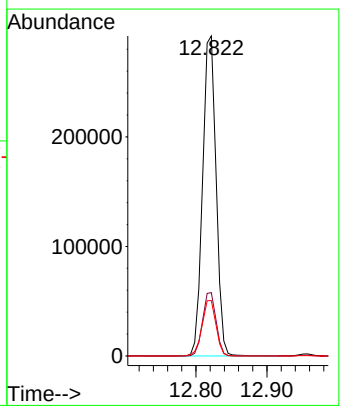


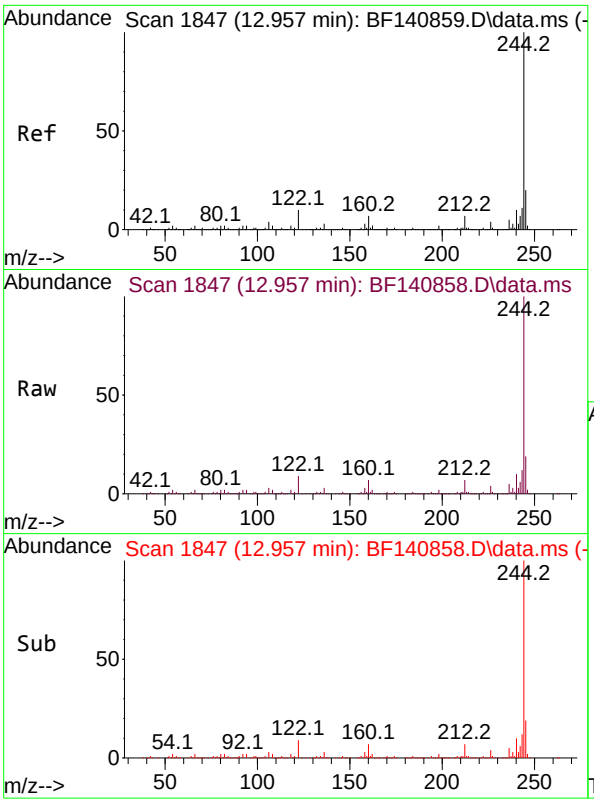


#78
Pyrene
Concen: 18.558 ng
RT: 12.822 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:202 Resp: 386539

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.1	24.1
203	17.3	14.2	21.4



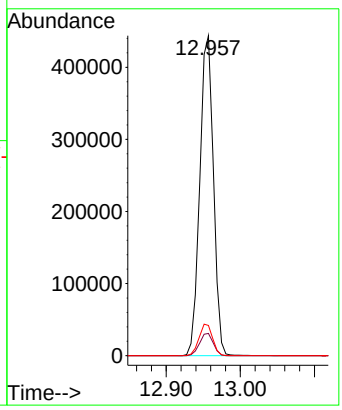


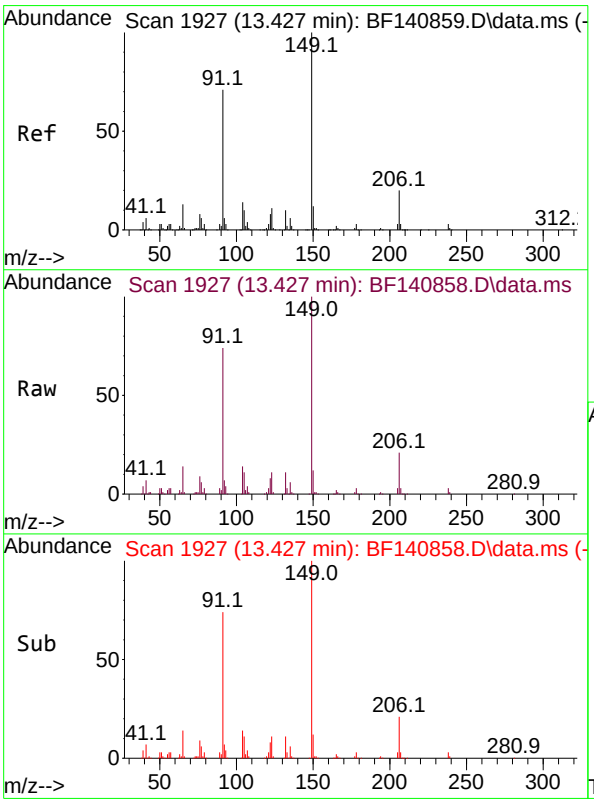
#79
Terphenyl-d14
Concen: 38.416 ng
RT: 12.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 570640

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	9.5	8.2	12.2

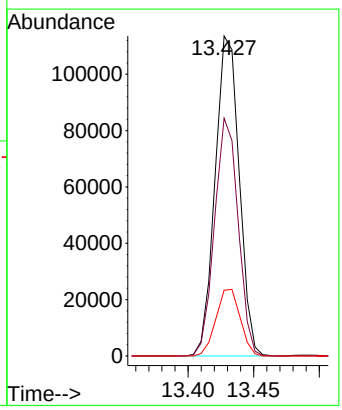


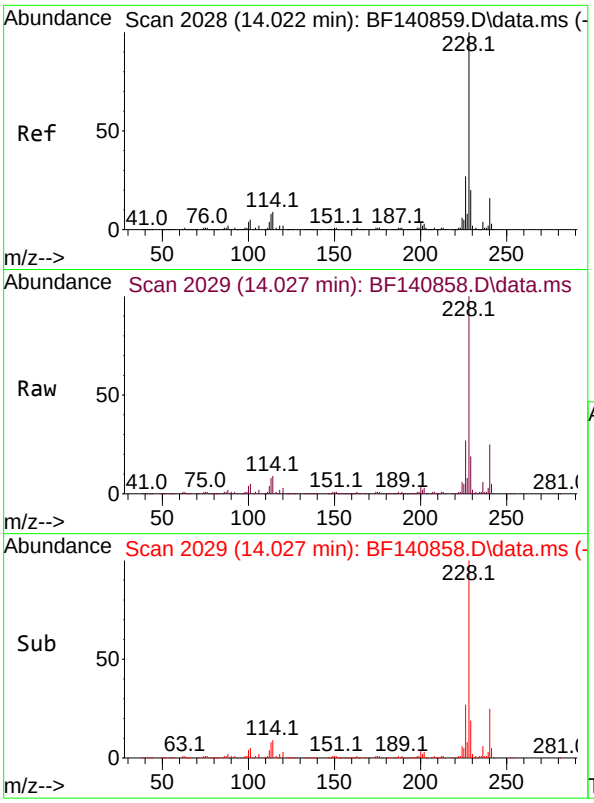


#80
Butylbenzylphthalate
Concen: 18.972 ng
RT: 13.427 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:149 Resp: 145401

Ion	Ratio	Lower	Upper
149	100		
91	74.3	56.7	85.1
206	20.6	16.4	24.6



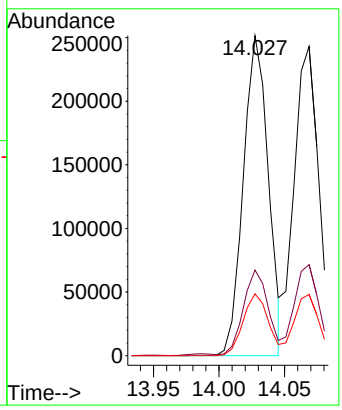


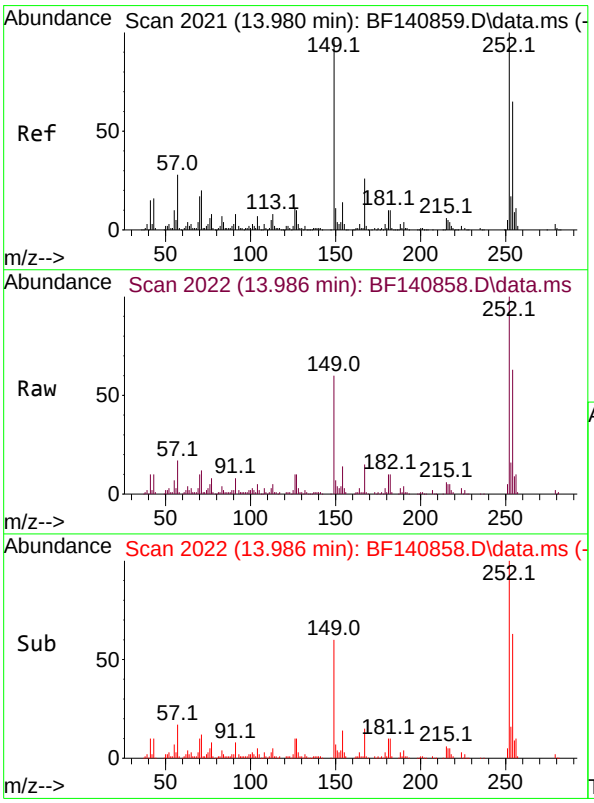
#81
Benzo(a)anthracene
Concen: 20.050 ng
RT: 14.027 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 332845

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	19.3	15.8	23.8

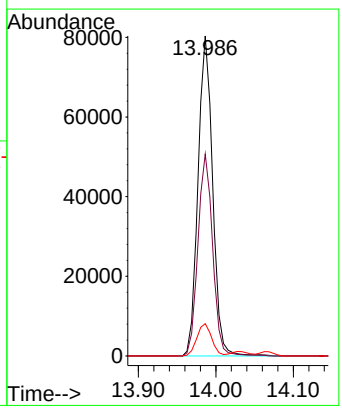


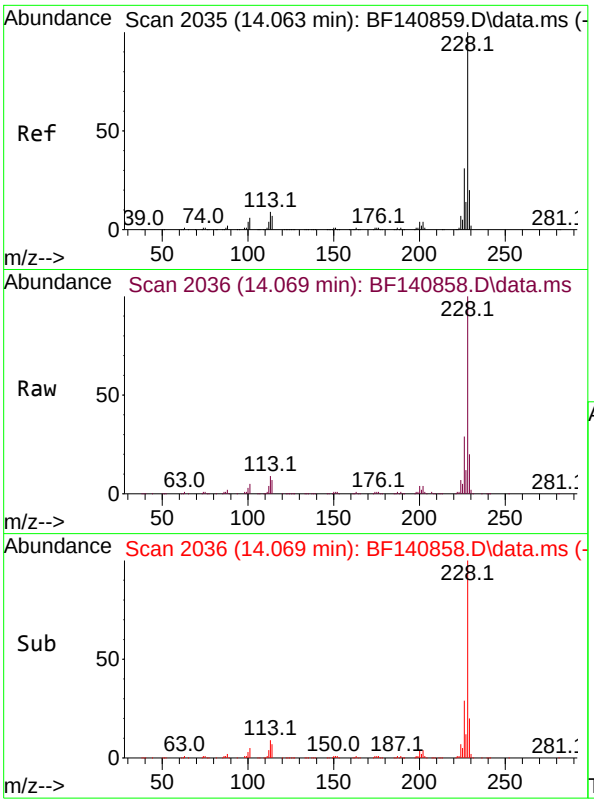


#82
3,3'-Dichlorobenzidine
Concen: 20.989 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:252 Resp: 105124

Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.3	78.5
126	10.1	8.4	12.6



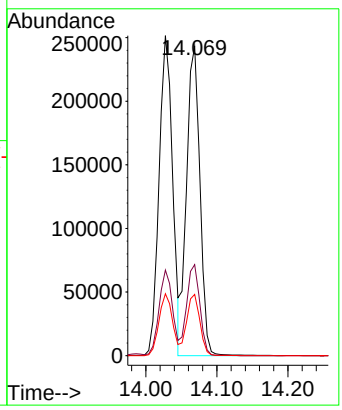


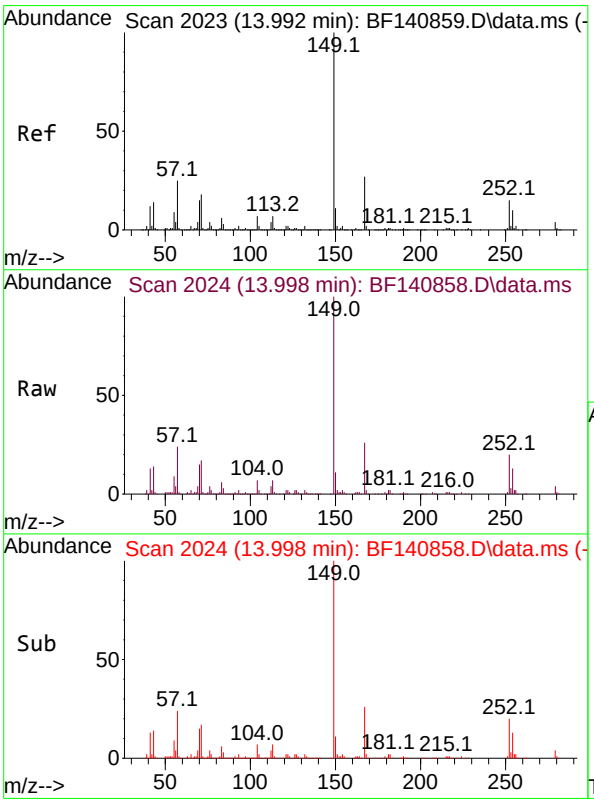
#83
Chrysene
Concen: 21.160 ng
RT: 14.069 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 319417

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	19.8	16.0	24.0

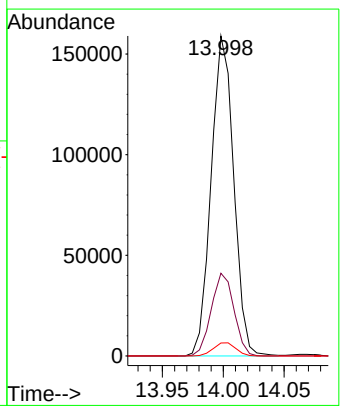


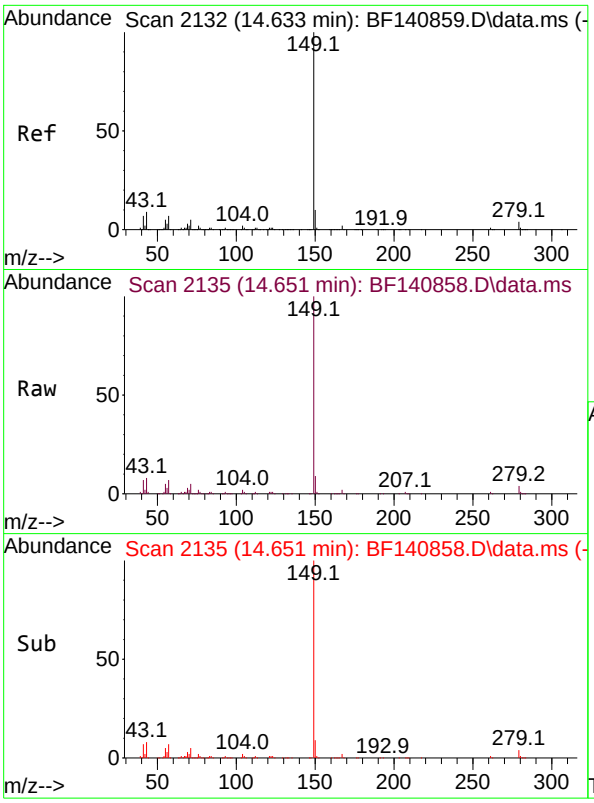


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.740 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:149 Resp: 204953

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.8	32.8
279	4.0	3.5	5.3



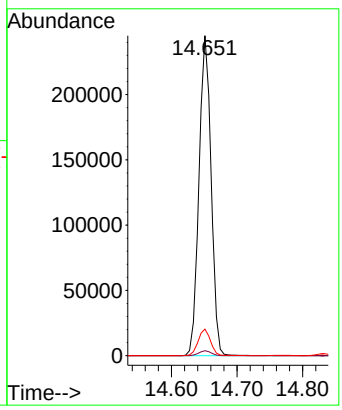


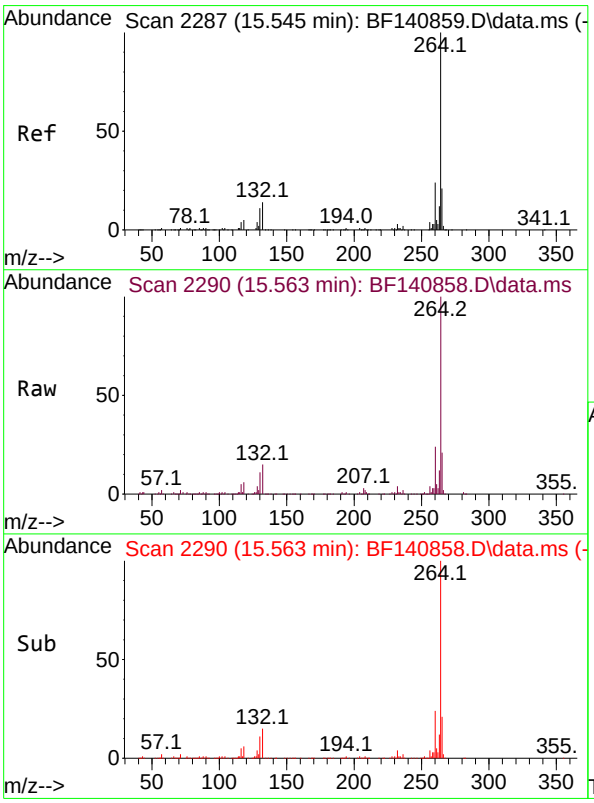
#85
Di-n-octyl phthalate
Concen: 21.125 ng
RT: 14.651 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 315841

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	7.0	10.6

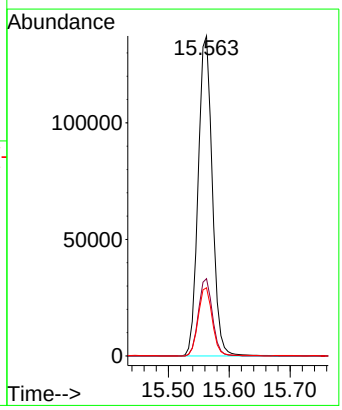


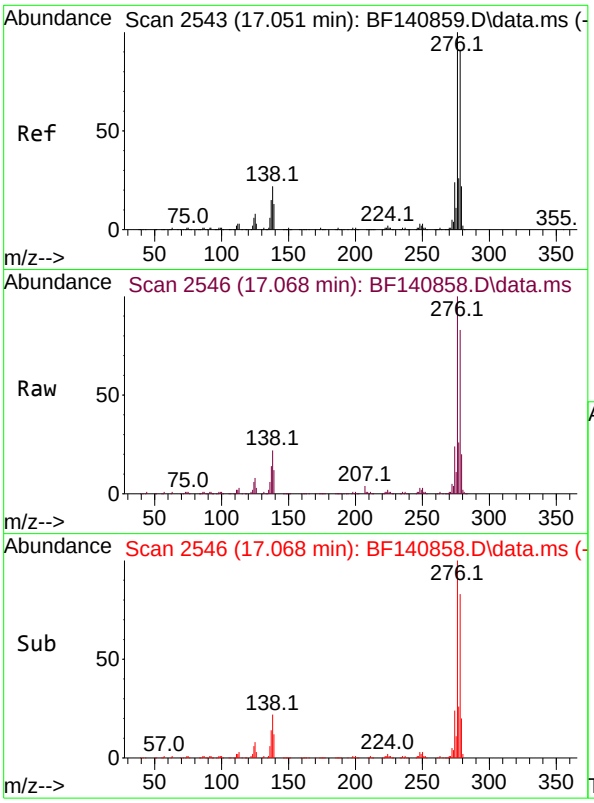


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2290
Delta R.T. 0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:264 Resp: 220576

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.3	17.0	25.4



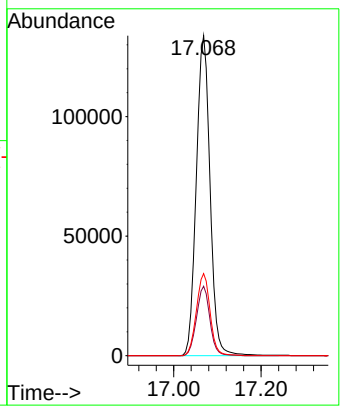


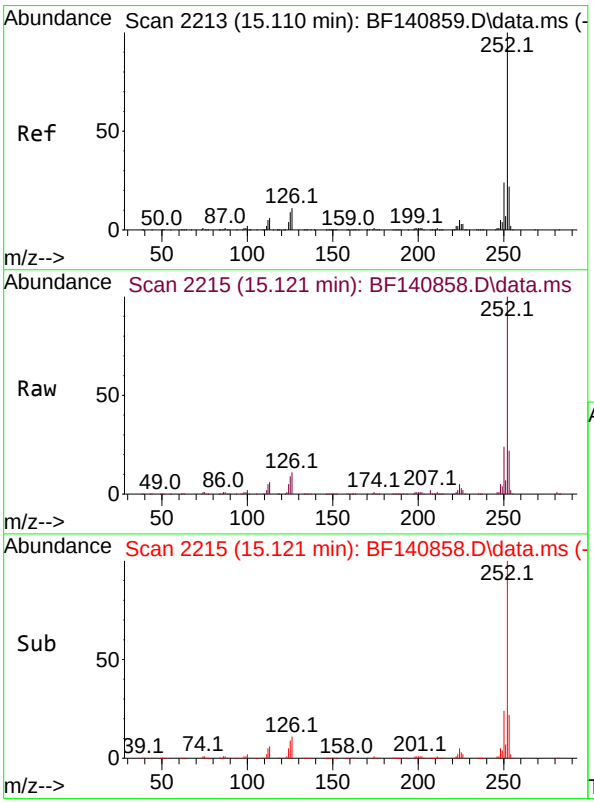
#87
Indeno(1,2,3-cd)pyrene
Concen: 21.315 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 293402

Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.9	25.3
277	25.5	20.2	30.4

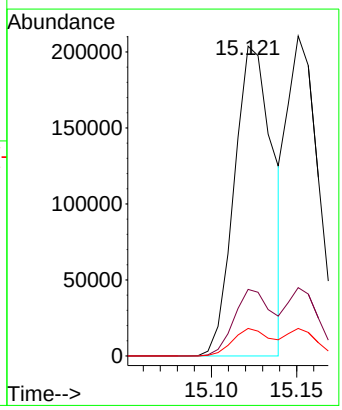


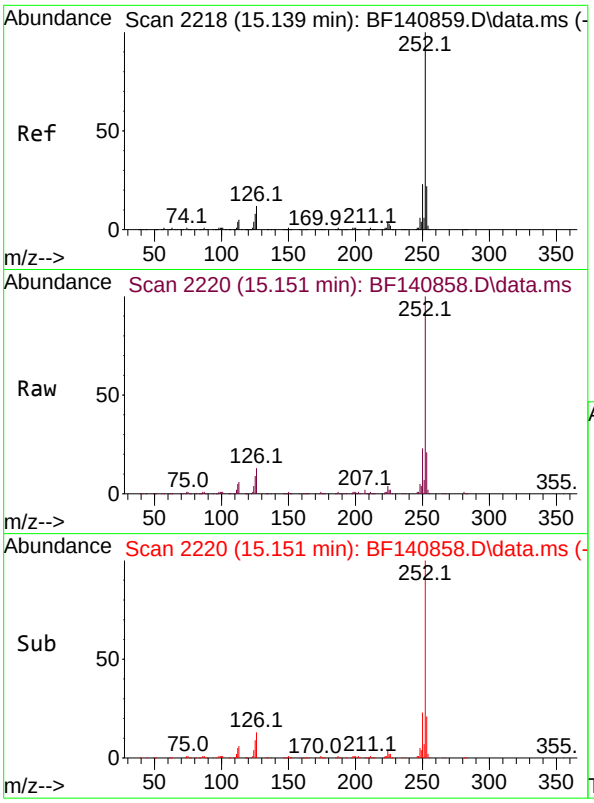


#88
Benzo(b)fluoranthene
Concen: 20.890 ng
RT: 15.121 min Scan# 2215
Delta R.T. 0.012 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:252 Resp: 319848

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	8.9	7.0	10.4



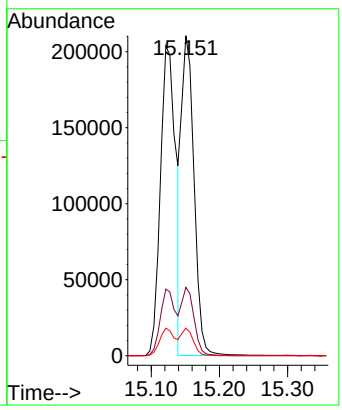


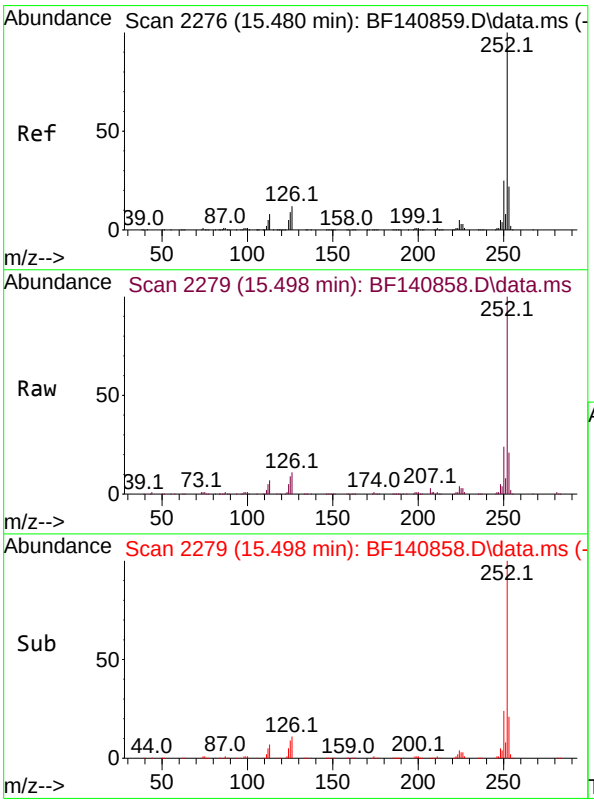
#89
Benzo(k)fluoranthene
Concen: 20.548 ng
RT: 15.151 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 269871

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	8.6	6.8	10.2

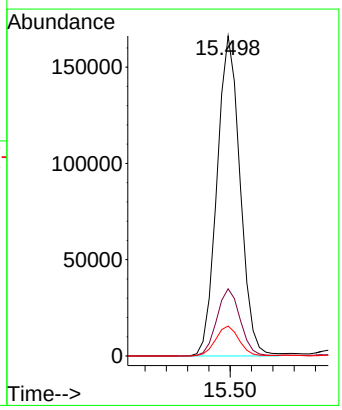


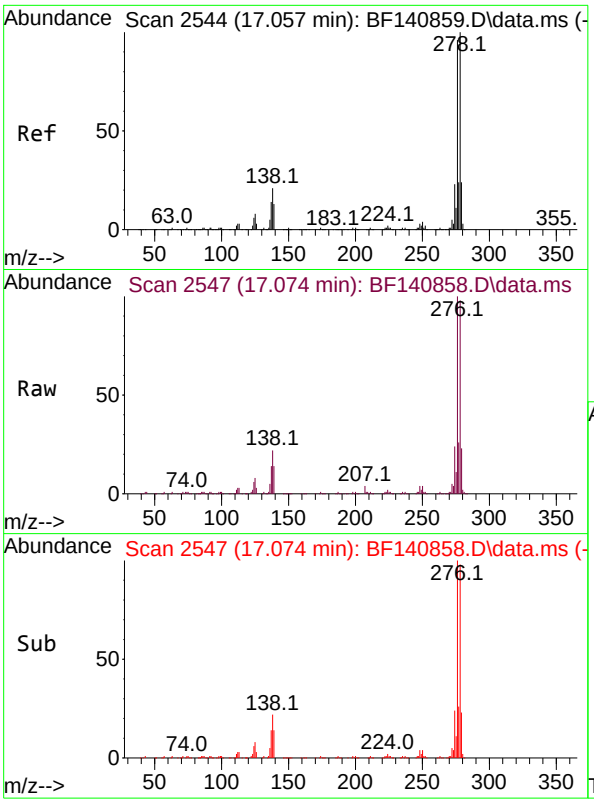


#90
Benzo(a)pyrene
Concen: 20.861 ng
RT: 15.498 min Scan# 2279
Delta R.T. 0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:252 Resp: 250110

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	9.4	7.5	11.3



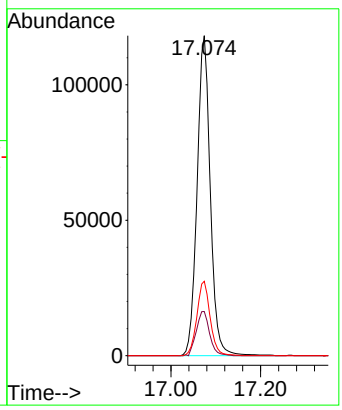


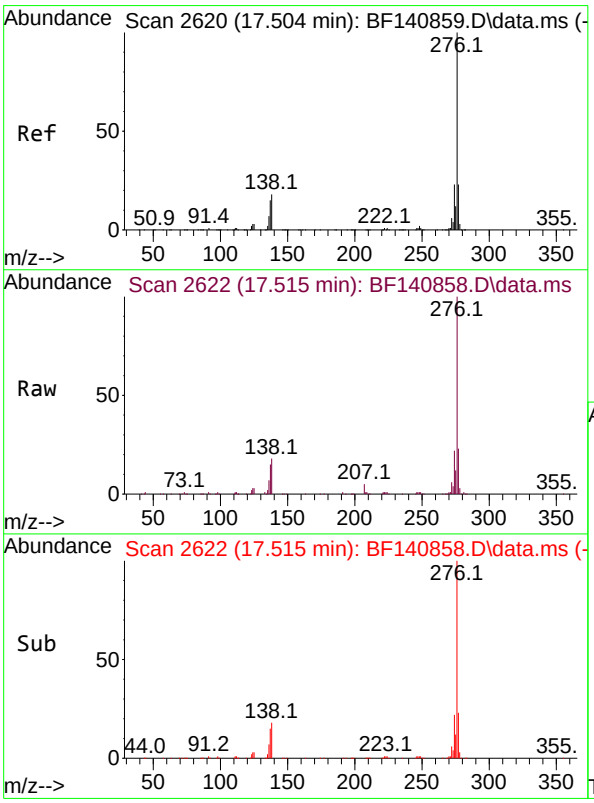
#91
Dibenzo(a,h)anthracene
Concen: 21.117 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 240810

Ion	Ratio	Lower	Upper
278	100		
139	13.8	10.6	16.0
279	23.3	19.2	28.8

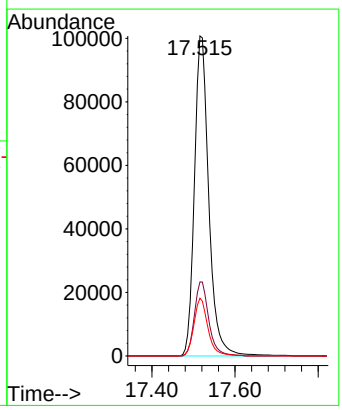




#92
Benzo(g,h,i)perylene
Concen: 20.785 ng
RT: 17.515 min Scan# 2622
Delta R.T. 0.012 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:276 Resp: 241228

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.7	28.1
138	18.0	14.2	21.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140859.D
Acq On : 16 Dec 2024 14:26
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Dec 16 16:49:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.851	152	77674	20.000 ng	0.00
21) Naphthalene-d8	8.128	136	293537	20.000 ng	0.00
39) Acenaphthene-d10	9.886	164	179301	20.000 ng	0.00
64) Phenanthrene-d10	11.375	188	361848	20.000 ng	0.00
76) Chrysene-d12	14.033	240	241027	20.000 ng	0.00
86) Perylene-d12	15.545	264	202727	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.487	112	372670	78.982 ng	0.00
7) Phenol-d6	6.498	99	486855	77.902 ng	0.00
23) Nitrobenzene-d5	7.416	82	461011	78.576 ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	172188	81.197 ng	0.00
45) 2-Fluorobiphenyl	9.204	172	981889	75.290 ng	0.00
79) Terphenyl-d14	12.957	244	1163098	76.093 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.622	88	78111	38.433 ng	100
3) Pyridine	3.405	79	189803	40.326 ng	100
4) n-Nitrosodimethylamine	3.357	42	93747	39.510 ng	100
6) Aniline	6.516	93	213440	39.944 ng	100
8) 2-Chlorophenol	6.646	128	202098	39.277 ng	100
9) Benzaldehyde	6.410	77	134222	38.761 ng	100
10) Phenol	6.510	94	253259	39.100 ng	100
11) bis(2-Chloroethyl)ether	6.587	93	190608	39.459 ng	100
12) 1,3-Dichlorobenzene	6.787	146	228181	38.918 ng	100
13) 1,4-Dichlorobenzene	6.869	146	232493	39.065 ng	100
14) 1,2-Dichlorobenzene	7.022	146	223134	39.737 ng	100
15) Benzyl Alcohol	6.998	79	178597	39.968 ng	100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	223455	39.269 ng	100
17) 2-Methylphenol	7.116	107	161380	39.284 ng	100
18) Hexachloroethane	7.357	117	86395	38.994 ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	143279	38.220 ng	100
20) 3+4-Methylphenols	7.269	107	210531	38.648 ng	100
22) Acetophenone	7.263	105	289650	39.446 ng	100
24) Nitrobenzene	7.434	77	235847	39.238 ng	100
25) Isophorone	7.675	82	381938	38.852 ng	100
26) 2-Nitrophenol	7.751	139	109806	39.666 ng	100
27) 2,4-Dimethylphenol	7.793	122	128970	39.892 ng	100
28) bis(2-Chloroethoxy)met...	7.875	93	244652	39.846 ng	100
29) 2,4-Dichlorophenol	7.998	162	175409	39.299 ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	200471	39.180 ng	100
31) Naphthalene	8.151	128	626585	38.860 ng	100
32) Benzoic acid	7.940	122	124210	40.510 ng	100
33) 4-Chloroaniline	8.204	127	211976	39.582 ng	100
34) Hexachlorobutadiene	8.263	225	136482	39.646 ng	100
35) Caprolactam	8.587	113	53059	39.930 ng	100
36) 4-Chloro-3-methylphenol	8.698	107	198298	39.473 ng	100
37) 2-Methylnaphthalene	8.839	142	423369	39.693 ng	100
38) 1-Methylnaphthalene	8.939	142	414363	39.281 ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	208141	37.768 ng	100
41) Hexachlorocyclopentadiene	8.987	237	50793	39.476 ng	100
43) 2,4,6-Trichlorophenol	9.128	196	130363	38.631 ng	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140859.D
Acq On : 16 Dec 2024 14:26
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Dec 16 16:49:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	142411	38.395 ng	100
46) 1,1'-Biphenyl	9.304	154	542419	38.044 ng	100
47) 2-Chloronaphthalene	9.334	162	419357	38.447 ng	100
48) 2-Nitroaniline	9.434	65	128421	38.984 ng	100
49) Acenaphthylene	9.745	152	621763	38.790 ng	100
50) Dimethylphthalate	9.604	163	487517	38.566 ng	100
51) 2,6-Dinitrotoluene	9.675	165	111990	38.752 ng	100
52) Acenaphthene	9.916	154	398965	38.965 ng	100
53) 3-Nitroaniline	9.851	138	113227	39.481 ng	100
54) 2,4-Dinitrophenol	9.969	184	47982	37.788 ng	100
55) Dibenzofuran	10.092	168	619833	39.066 ng	100
56) 4-Nitrophenol	10.034	139	59043	40.590 ng	100
57) 2,4-Dinitrotoluene	10.086	165	150199	39.502 ng	100
58) Fluorene	10.434	166	517920	39.568 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	127023	42.028 ng	100
60) Diethylphthalate	10.304	149	516146	39.375 ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	256836	39.062 ng	100
62) 4-Nitroaniline	10.469	138	121143	40.423 ng	100
63) Azobenzene	10.581	77	490731	39.821 ng	100
65) 4,6-Dinitro-2-methylph...	10.498	198	84370	41.148 ng	100
66) n-Nitrosodiphenylamine	10.545	169	433296	38.947 ng	100
67) 4-Bromophenyl-phenylether	10.910	248	159117	39.307 ng	100
68) Hexachlorobenzene	10.986	284	177811	38.742 ng	100
69) Atrazine	11.069	200	121493	39.101 ng	100
70) Pentachlorophenol	11.186	266	70638	42.072 ng	100
71) Phenanthrene	11.398	178	711714	38.248 ng	100
72) Anthracene	11.451	178	702321	38.326 ng	100
73) Carbazole	11.610	167	689096	38.392 ng	100
74) Di-n-butylphthalate	11.928	149	816942	38.782 ng	100
75) Fluoranthene	12.592	202	817749	38.159 ng	100
77) Benzidine	12.716	184	194791	39.598 ng	100
78) Pyrene	12.822	202	818937	38.208 ng	100
80) Butylbenzylphthalate	13.427	149	311465	39.493 ng	100
81) Benzo(a)anthracene	14.022	228	654937	38.340 ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	198481	38.511 ng	100
83) Chrysene	14.063	228	612484	39.430 ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	395970	38.939 ng	100
85) Di-n-octyl phthalate	14.633	149	589634	38.326 ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	514416	40.662 ng	100
88) Benzo(b)fluoranthene	15.110	252	524660	37.283 ng	100
89) Benzo(k)fluoranthene	15.139	252	496310	41.115 ng	100
90) Benzo(a)pyrene	15.480	252	435015	39.478 ng	100
91) Dibenzo(a,h)anthracene	17.057	278	428983	40.931 ng	100
92) Benzo(g,h,i)perylene	17.504	276	434898	40.771 ng	100

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

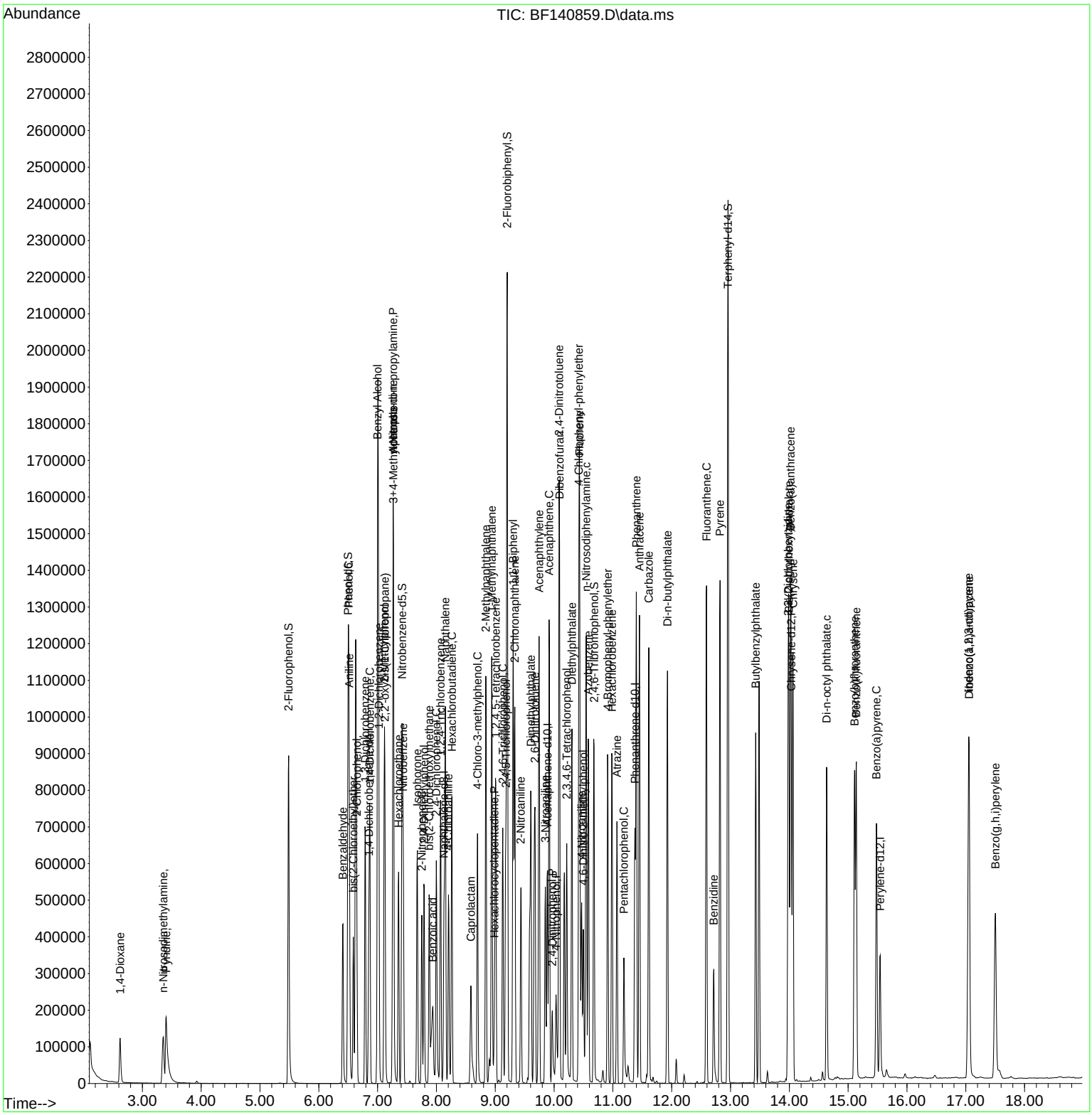
Quantitation Report (QT Reviewed)

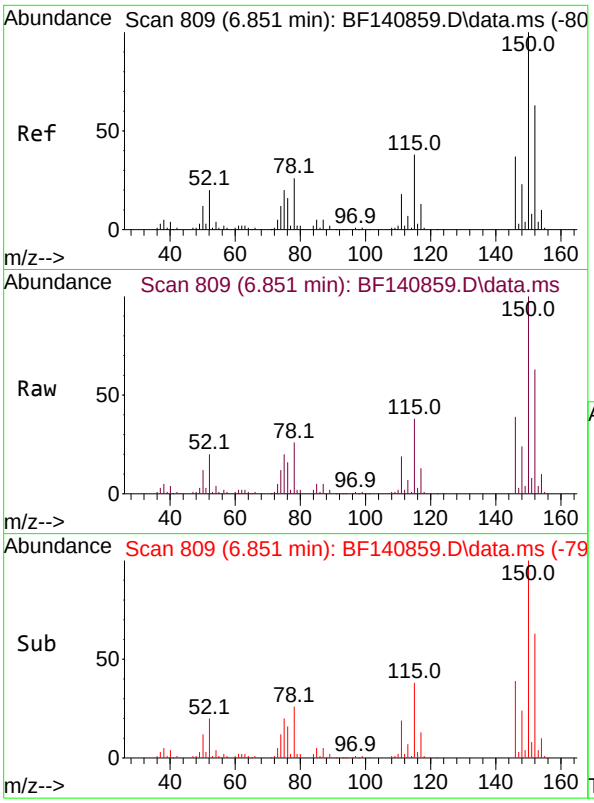
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140859.D
Acq On : 16 Dec 2024 14:26
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Dec 16 16:49:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



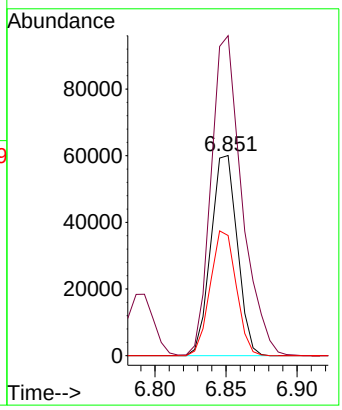


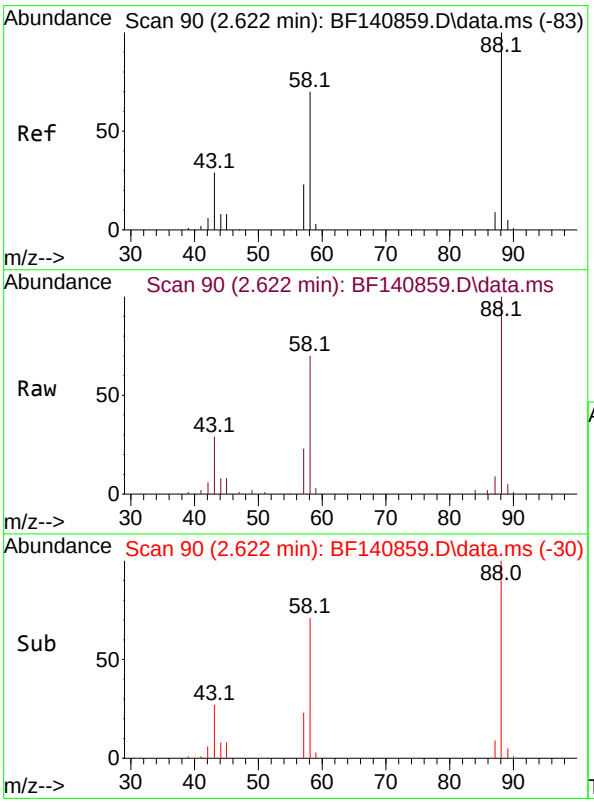
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 77674

Ion	Ratio	Lower	Upper
152	100		
150	159.9	127.9	191.9
115	60.0	48.0	72.0

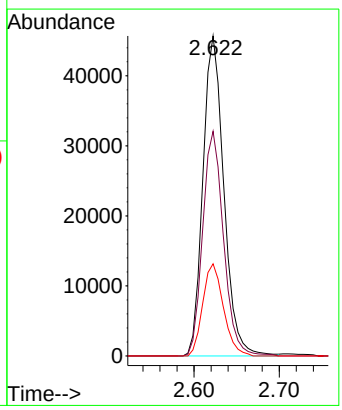


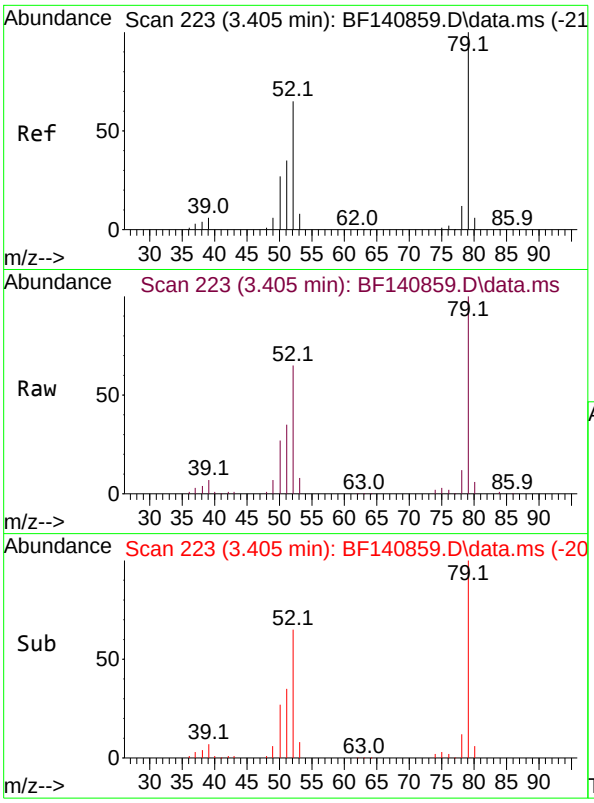


#2
1,4-Dioxane
Concen: 38.433 ng
RT: 2.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 88 Resp: 78111

Ion	Ratio	Lower	Upper
88	100		
58	69.8	55.8	83.8
43	28.4	22.7	34.1



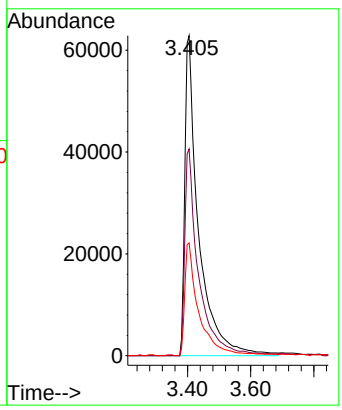


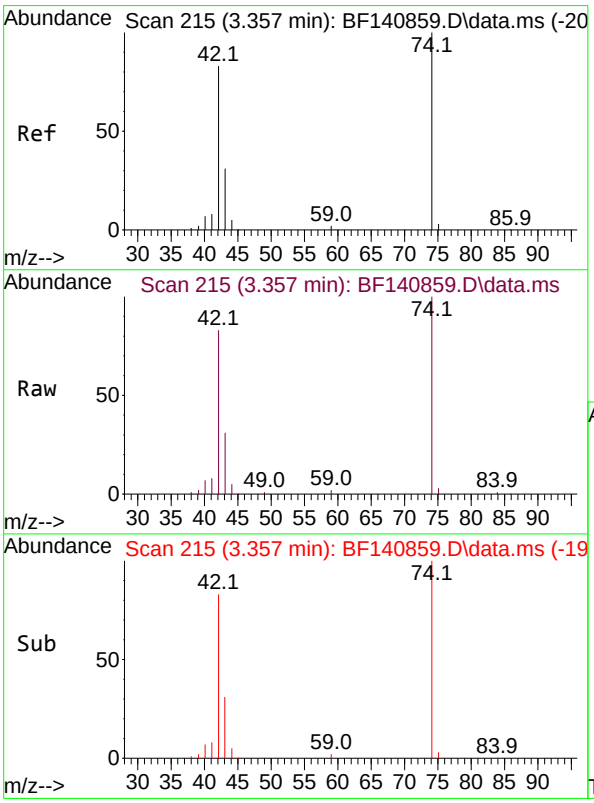
#3
Pyridine
Concen: 40.326 ng
RT: 3.405 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 189803

Ion	Ratio	Lower	Upper
79	100		
52	64.6	51.7	77.5
51	35.3	28.2	42.4

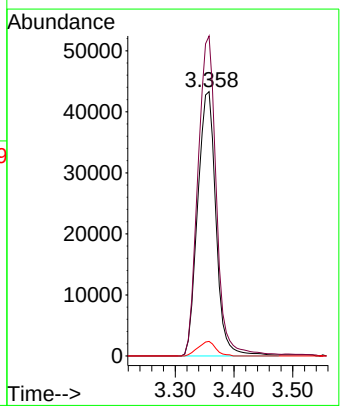


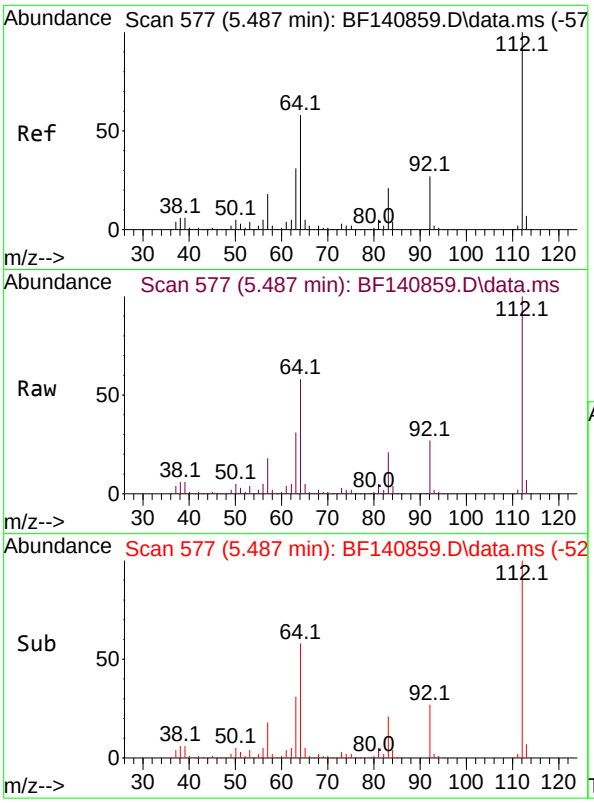


#4
n-Nitrosodimethylamine
Concen: 39.510 ng
RT: 3.357 min Scan# 215
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 42 Resp: 93747

Ion	Ratio	Lower	Upper
42	100		
74	121.1	96.9	145.3
44	5.5	4.4	6.6



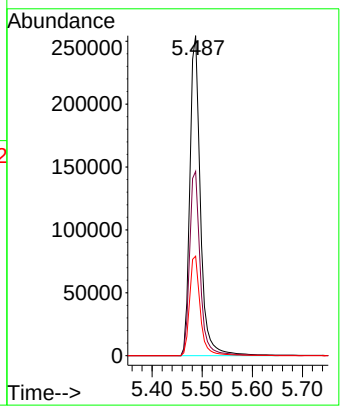


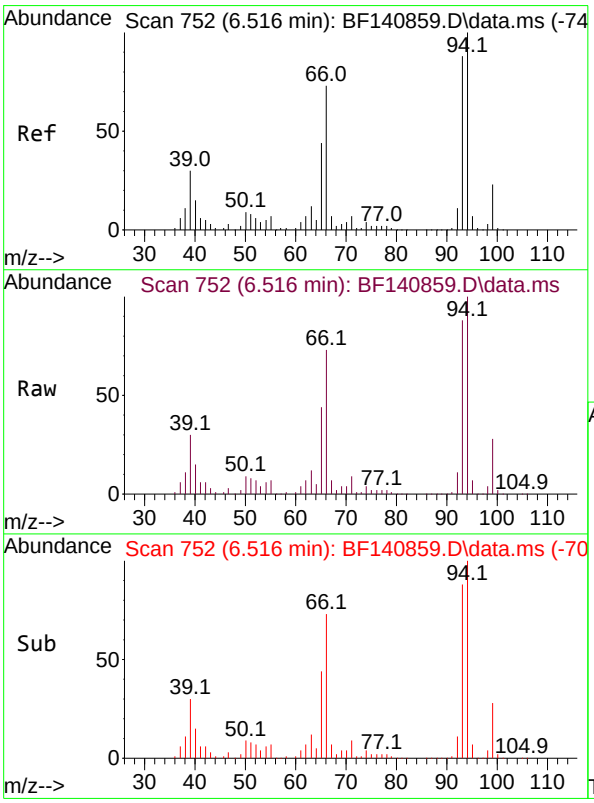
#5
2-Fluorophenol
Concen: 78.982 ng
RT: 5.487 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 372670

Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.1	69.1
63	31.1	24.9	37.3

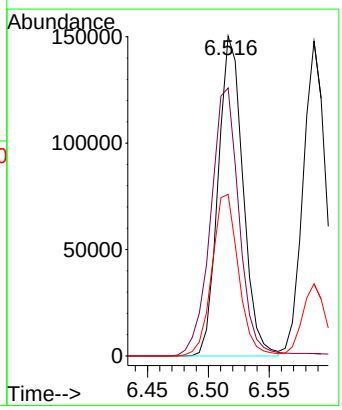


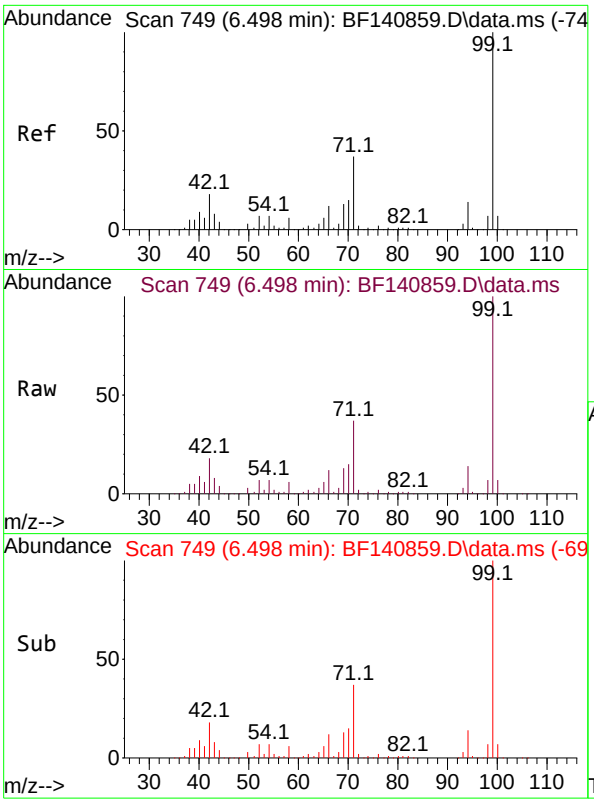


#6
Aniline
Concen: 39.944 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 93 Resp: 213440

Ion	Ratio	Lower	Upper
93	100		
66	83.7	67.0	100.4
65	50.5	40.4	60.6



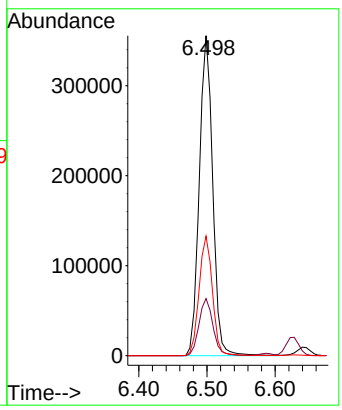


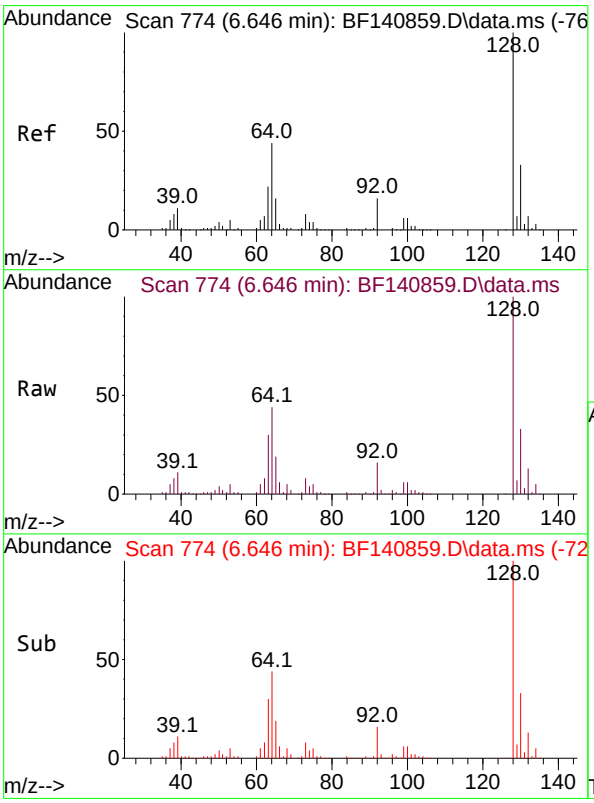
#7
Phenol-d6
Concen: 77.902 ng
RT: 6.498 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 486855

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.3	21.5
71	37.4	29.9	44.9

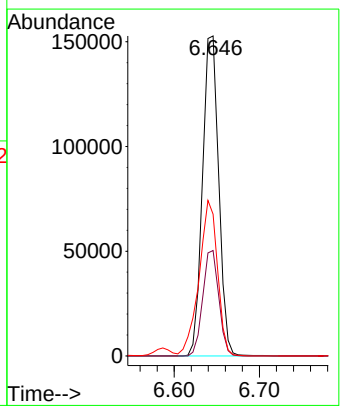


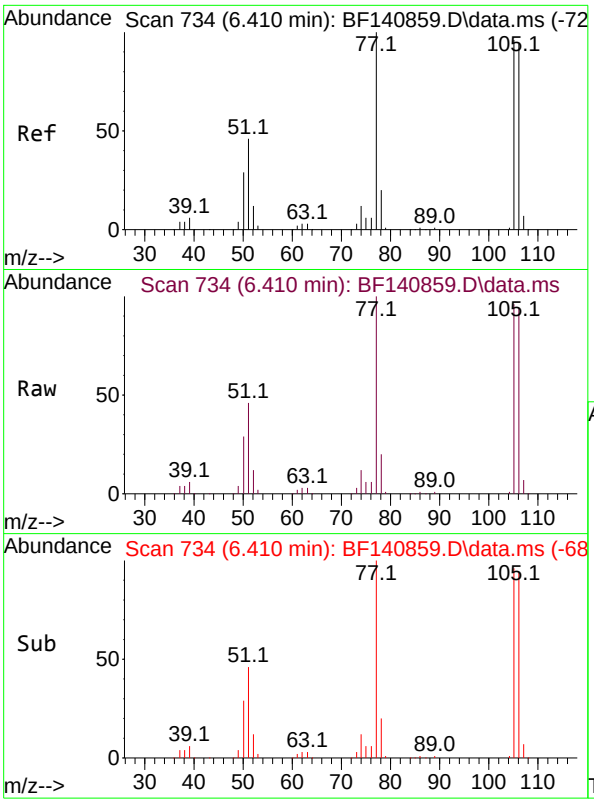


#8
2-Chlorophenol
Concen: 39.277 ng
RT: 6.646 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:128 Resp: 202098

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	44.3	24.3	64.3



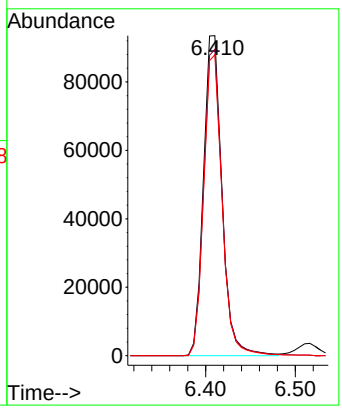


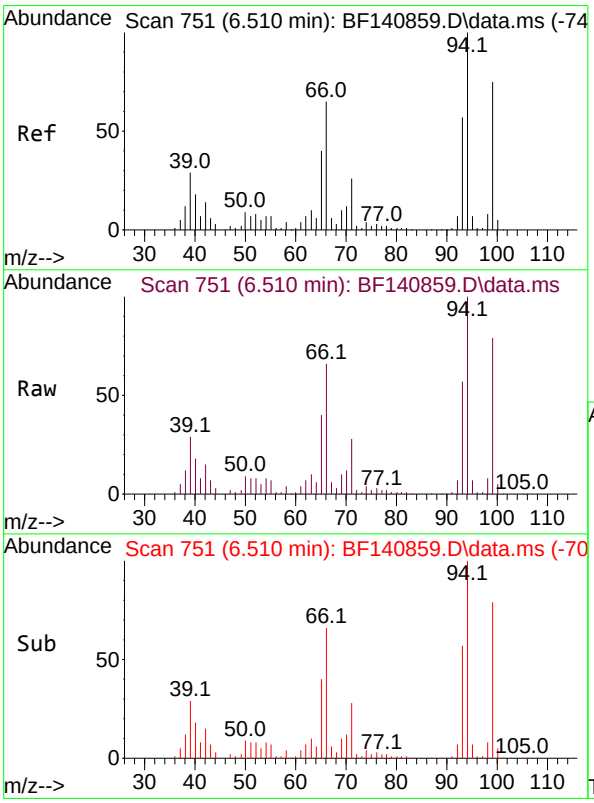
#9
Benzaldehyde
Concen: 38.761 ng
RT: 6.410 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 134222

Ion	Ratio	Lower	Upper
77	100		
105	95.8	75.8	115.8
106	94.1	74.1	114.1

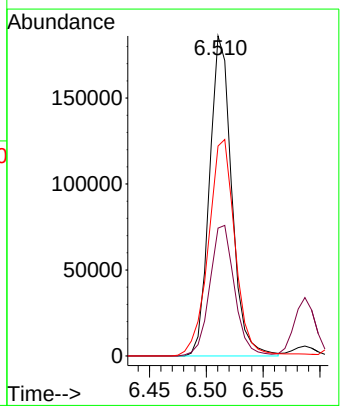


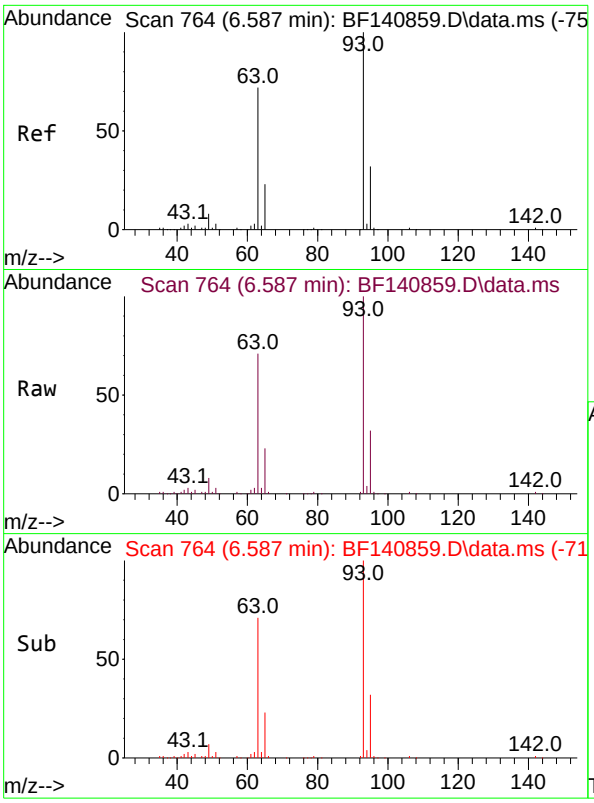


#10
Phenol
Concen: 39.100 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 94 Resp: 253259

Ion	Ratio	Lower	Upper
94	100		
65	39.9	19.9	59.9
66	65.6	45.6	85.6



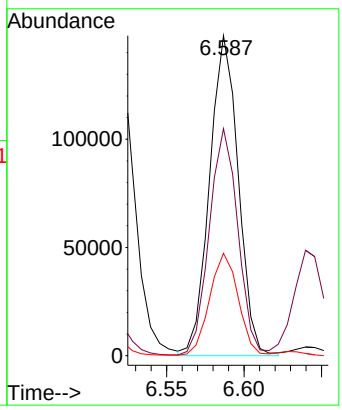


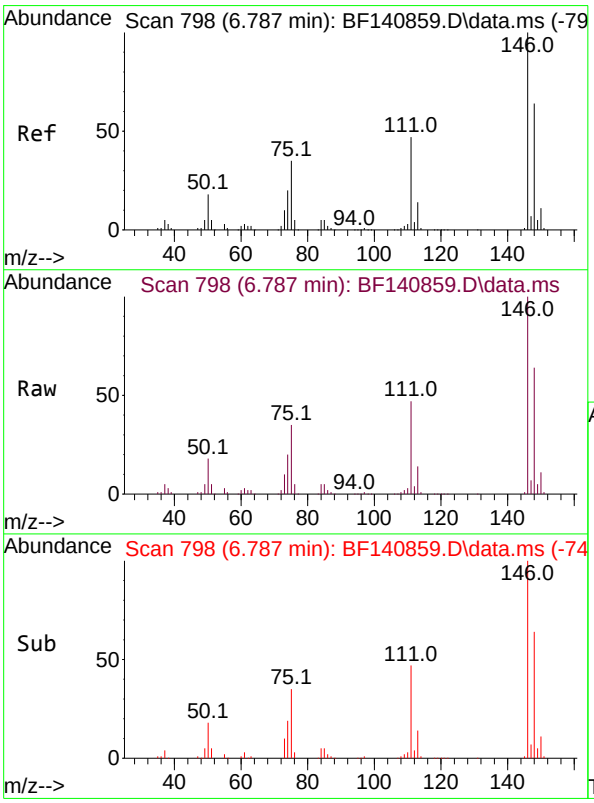
#11
bis(2-Chloroethyl)ether
Concen: 39.459 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 190608

Ion	Ratio	Lower	Upper
93	100		
63	71.0	51.0	91.0
95	32.0	12.0	52.0

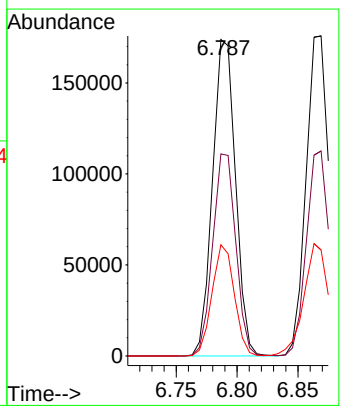


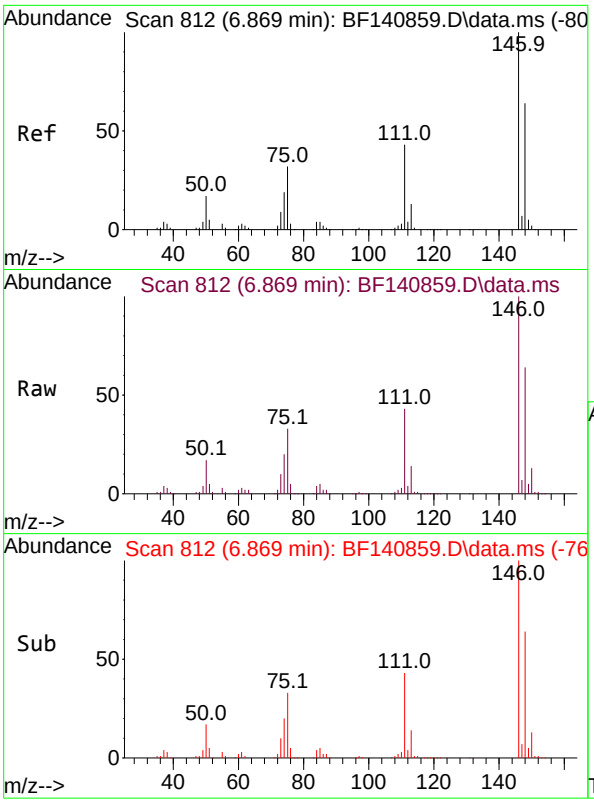


#12
1,3-Dichlorobenzene
Concen: 38.918 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:146 Resp: 228181

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
75	35.1	28.1	42.1



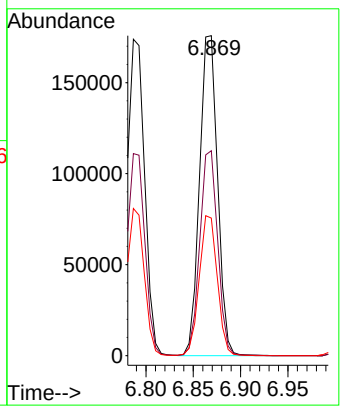


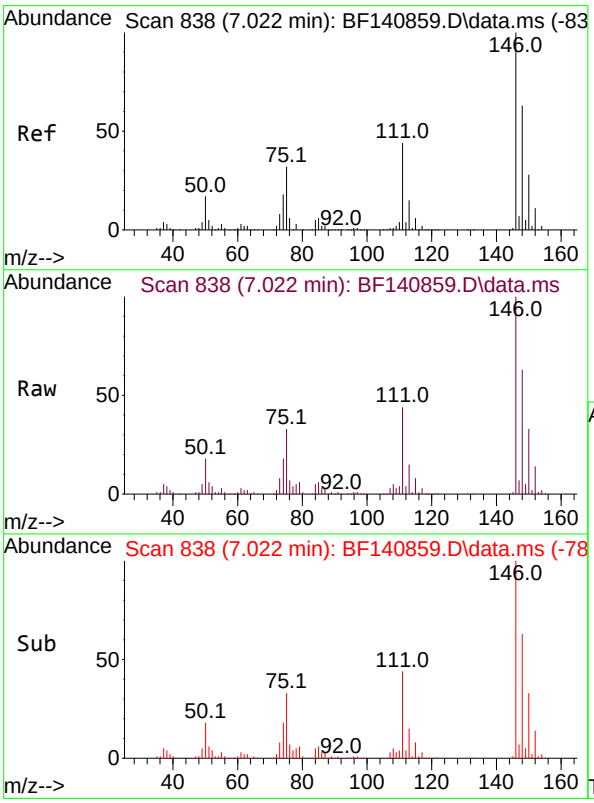
#13
1,4-Dichlorobenzene
Concen: 39.065 ng
RT: 6.869 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 232493

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
111	43.0	34.4	51.6

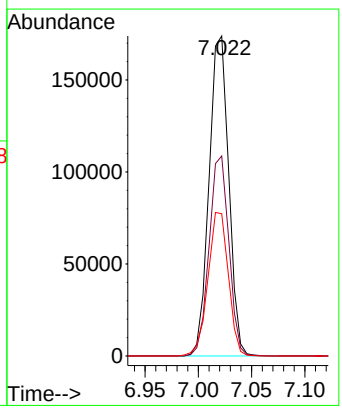


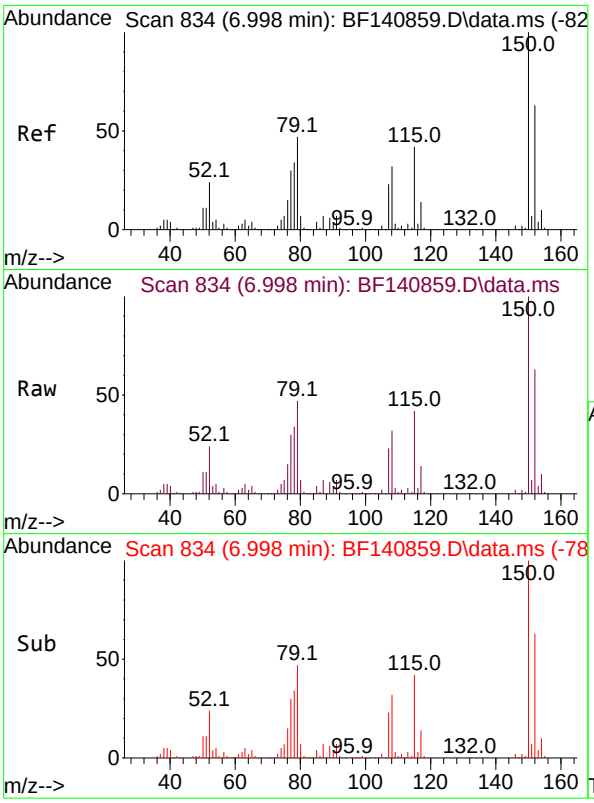


#14
1,2-Dichlorobenzene
Concen: 39.737 ng
RT: 7.022 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:146 Resp: 223134

Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.0	75.0
111	44.5	35.6	53.4



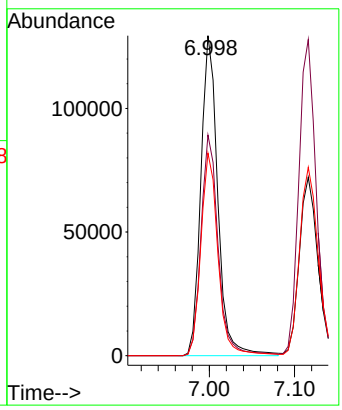


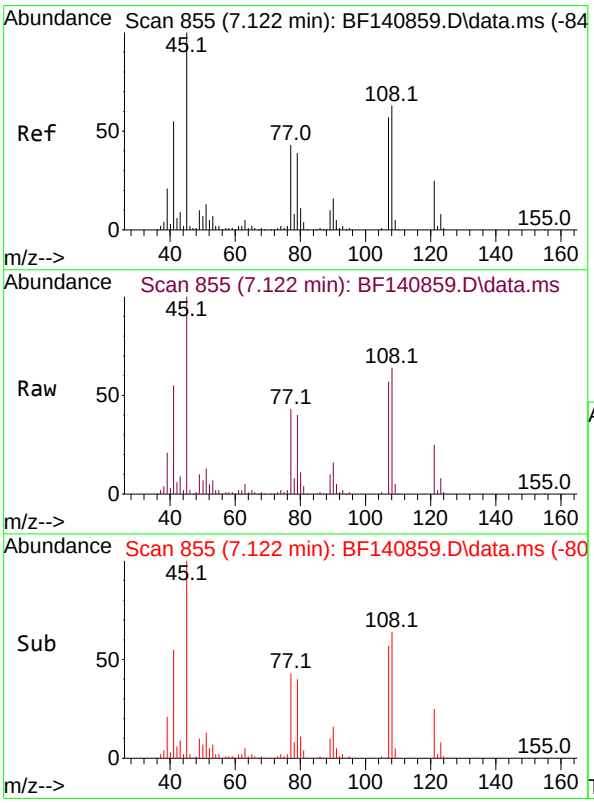
#15
Benzyl Alcohol
Concen: 39.968 ng
RT: 6.998 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 178597

Ion	Ratio	Lower	Upper
79	100		
108	68.9	55.1	82.7
77	63.3	50.6	76.0

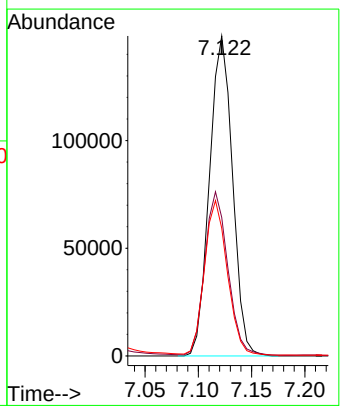


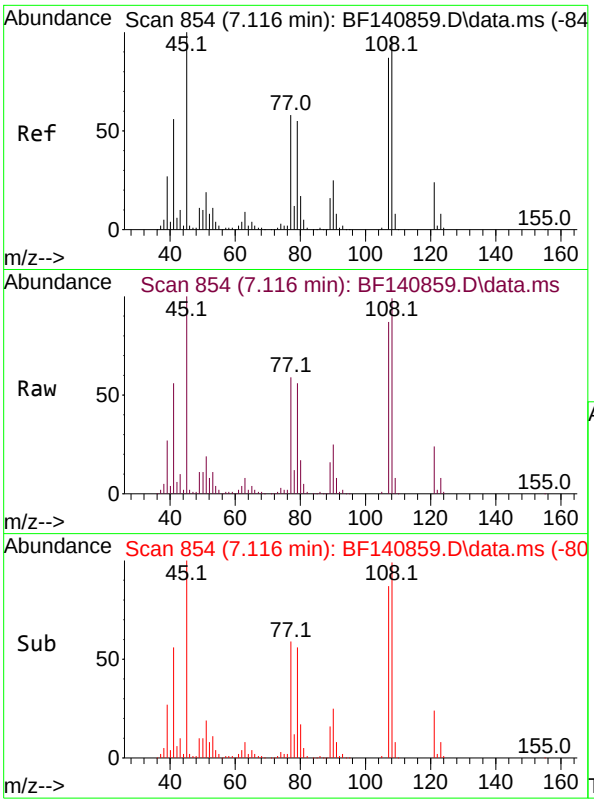


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.269 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 45 Resp: 223455

Ion	Ratio	Lower	Upper
45	100		
77	43.3	23.3	63.3
79	40.0	20.0	60.0



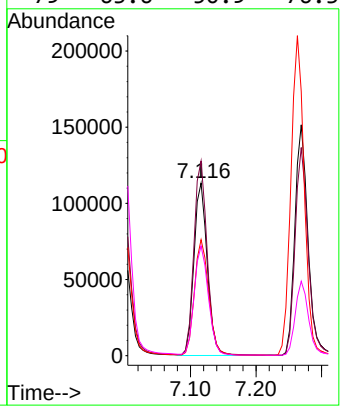


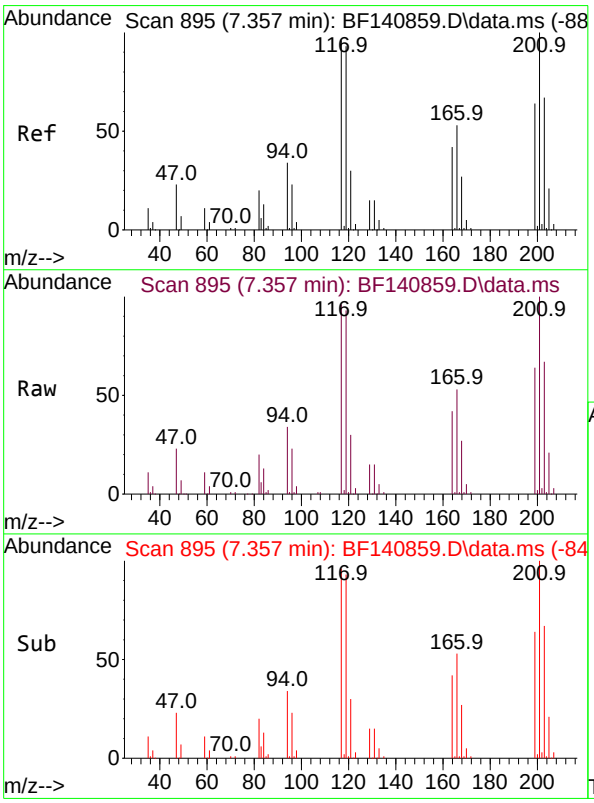
#17
2-Methylphenol
Concen: 39.284 ng
RT: 7.116 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 161380

Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.2	135.4
77	67.2	53.8	80.6
79	63.6	50.9	76.3

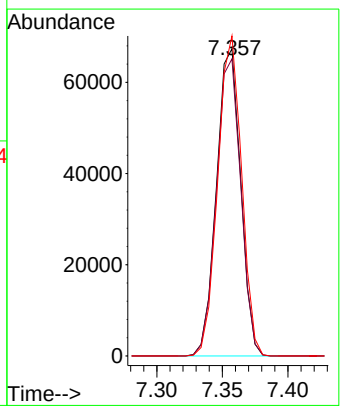


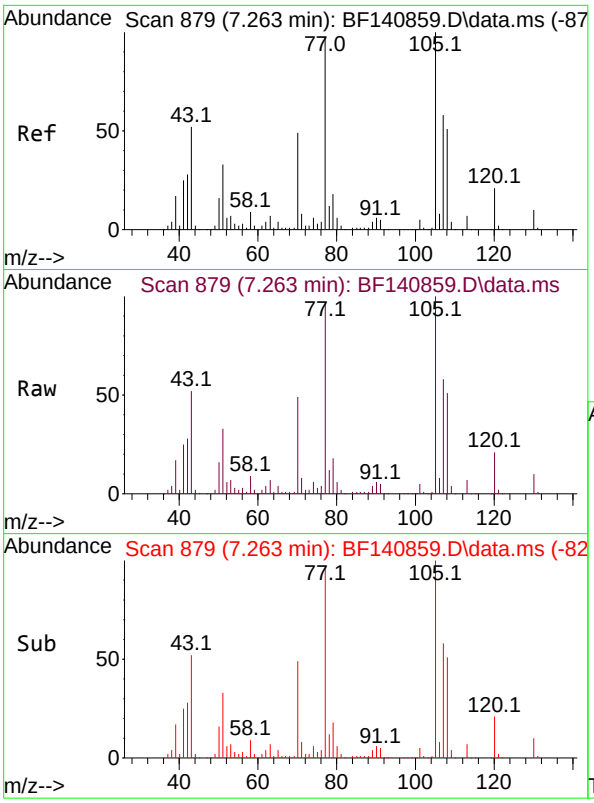


#18
Hexachloroethane
Concen: 38.994 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:117 Resp: 86395

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
201	104.2	83.4	125.0



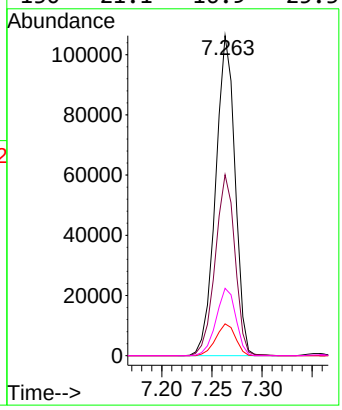


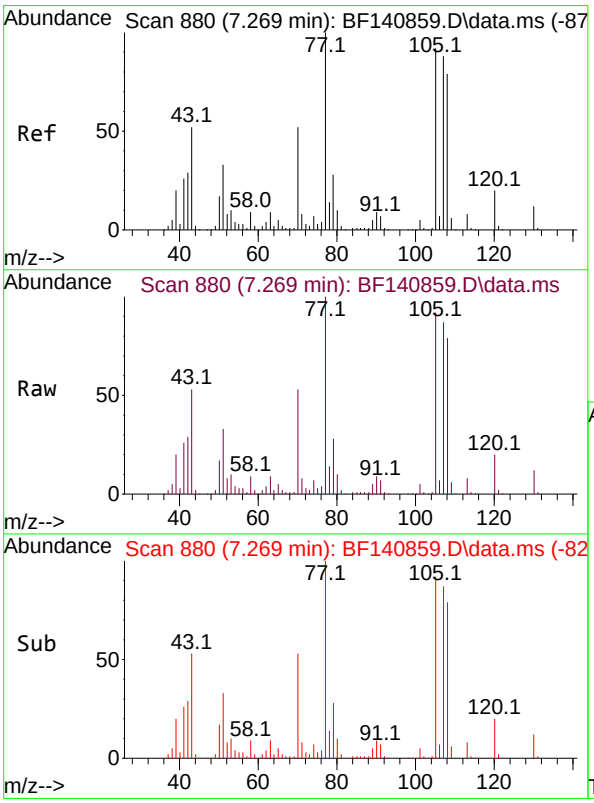
#19
n-Nitroso-di-n-propylamine
Concen: 38.220 ng
RT: 7.263 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 143279

Ion	Ratio	Lower	Upper
70	100		
42	56.6	45.3	67.9
101	10.0	8.0	12.0
130	21.1	16.9	25.3

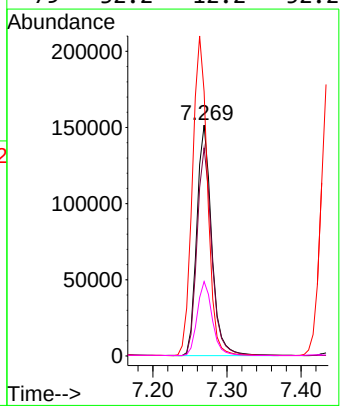


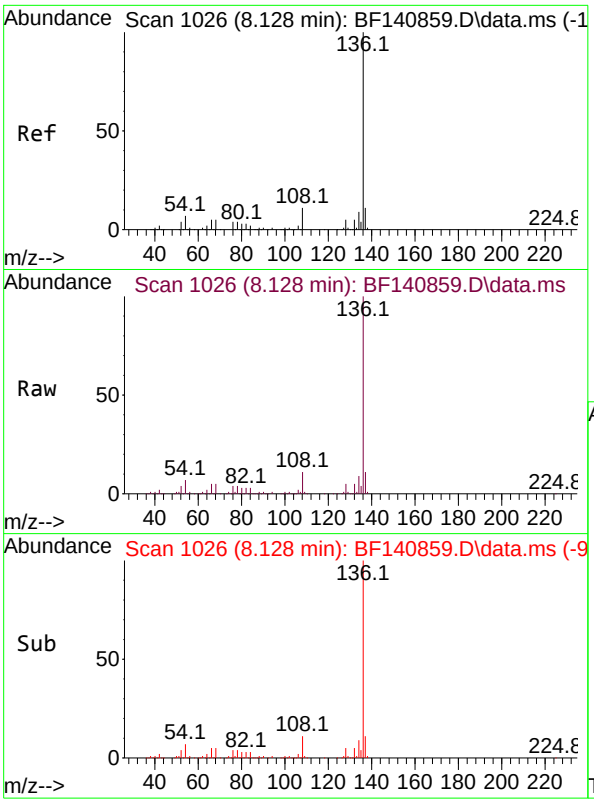


#20
3+4-Methylphenols
Concen: 38.648 ng
RT: 7.269 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:107 Resp: 210531

Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.1	110.1
77	114.4	94.4	134.4
79	32.2	12.2	52.2



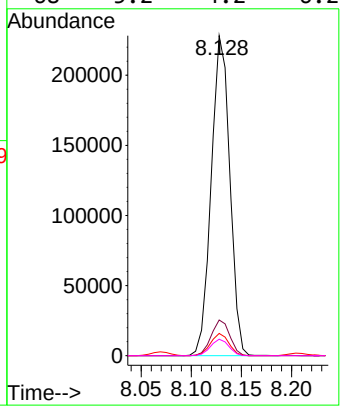


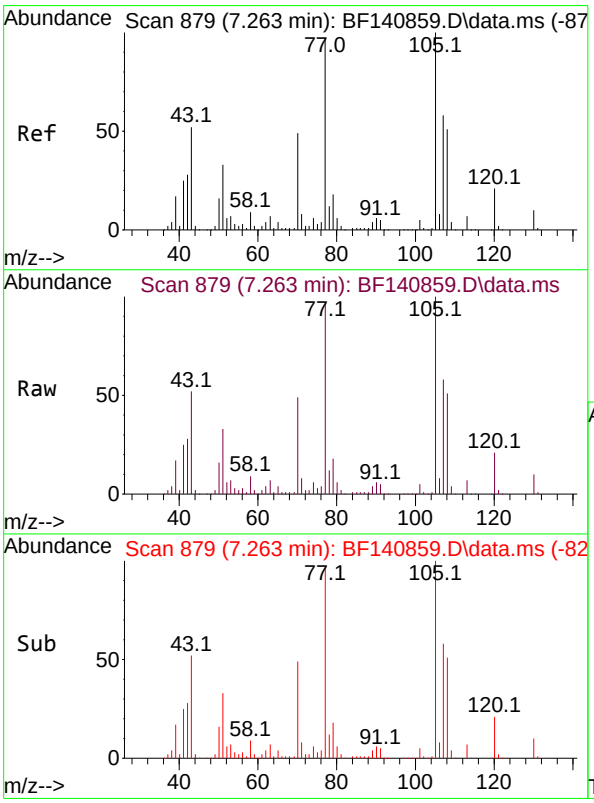
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 293537

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.0	5.6	8.4
68	5.2	4.2	6.2

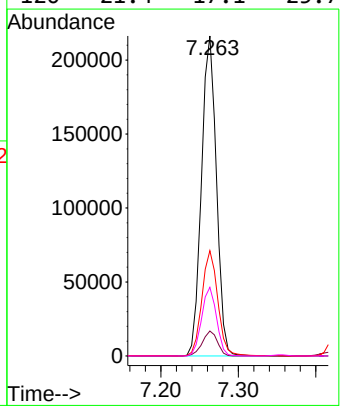


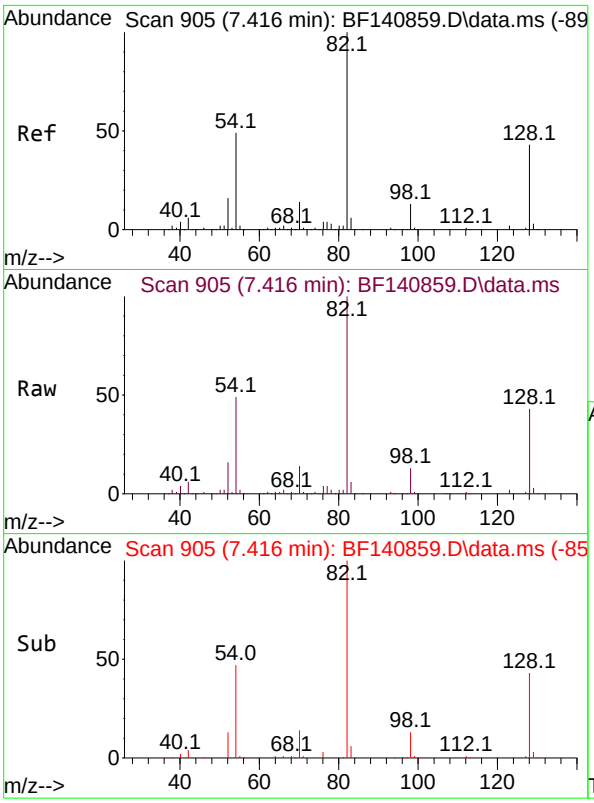


#22
Acetophenone
Concen: 39.446 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:105 Resp: 289650

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.2	9.4
51	32.9	26.3	39.5
120	21.4	17.1	25.7



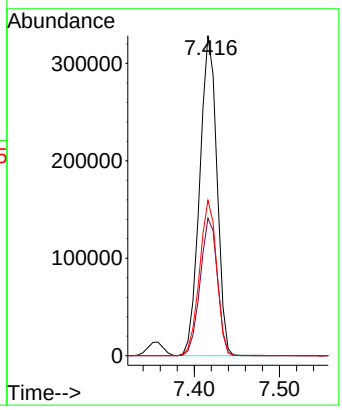


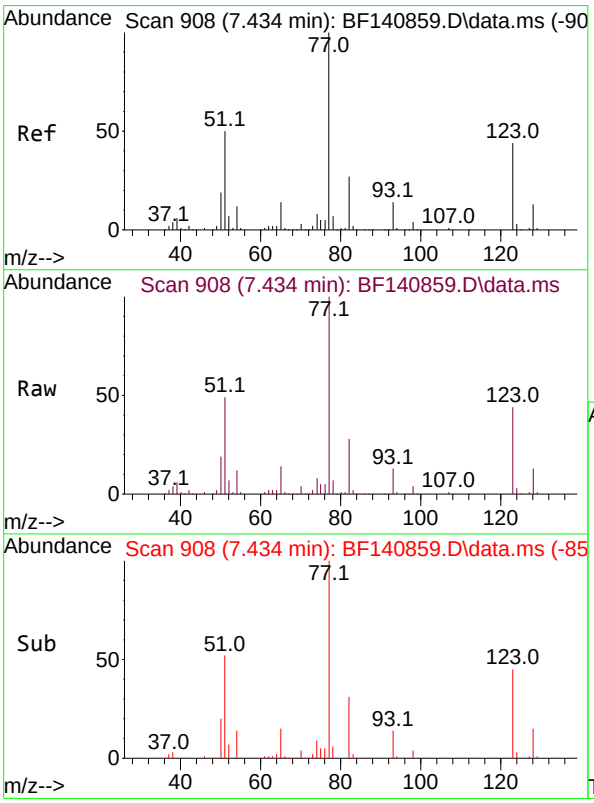
#23
Nitrobenzene-d5
Concen: 78.576 ng
RT: 7.416 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 461011

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.4	51.6
54	48.5	38.8	58.2

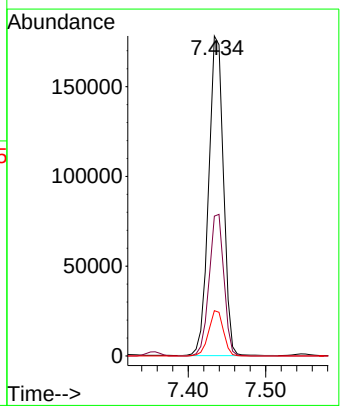


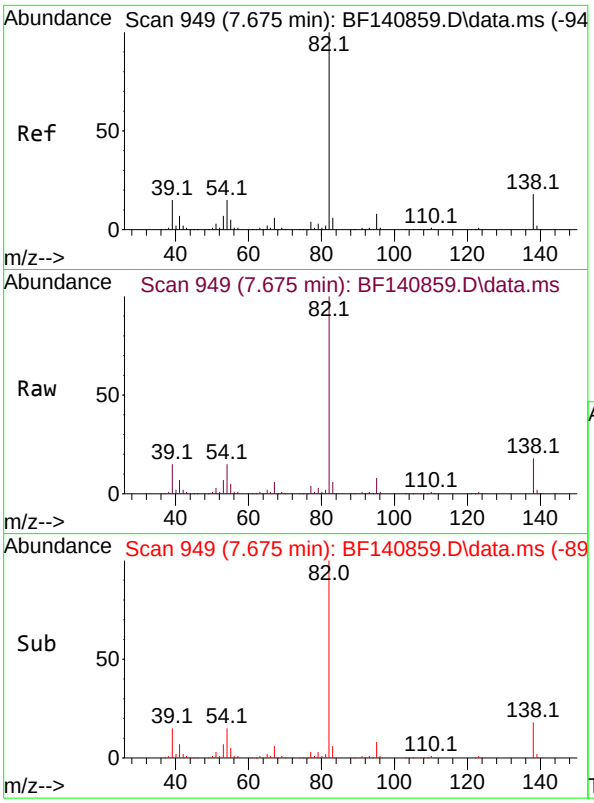


#24
Nitrobenzene
Concen: 39.238 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 77 Resp: 235847

Ion	Ratio	Lower	Upper
77	100		
123	43.7	35.0	52.4
65	14.2	11.4	17.0



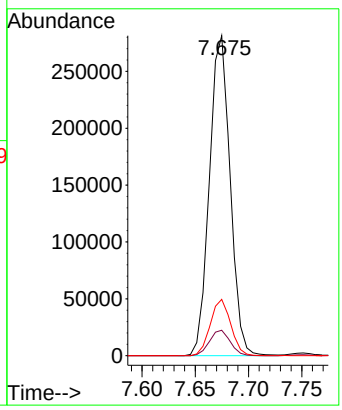


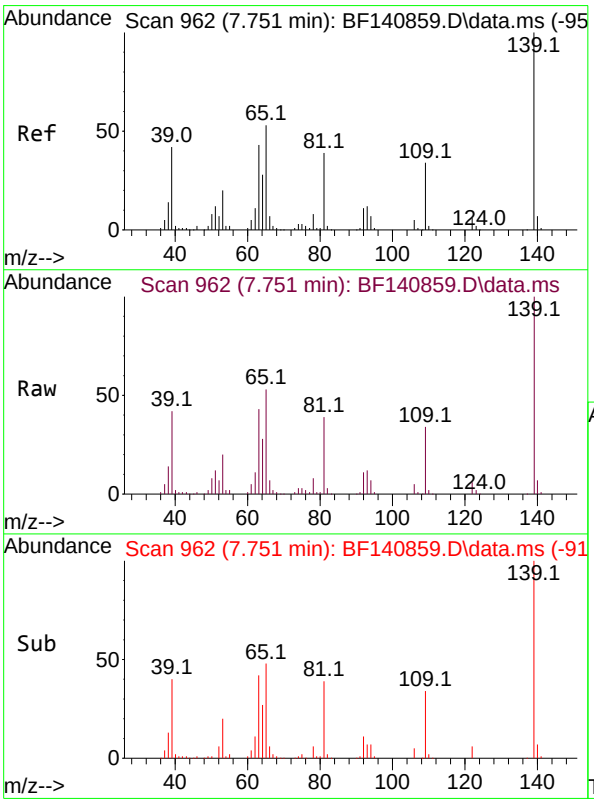
#25
Isophorone
Concen: 38.852 ng
RT: 7.675 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 381938

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.3	9.5
138	17.6	14.1	21.1

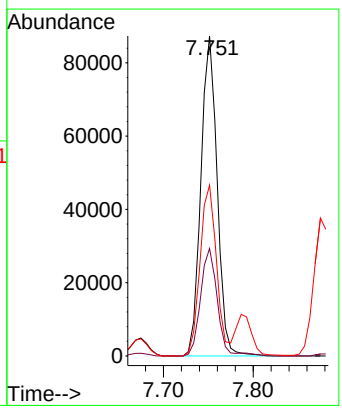


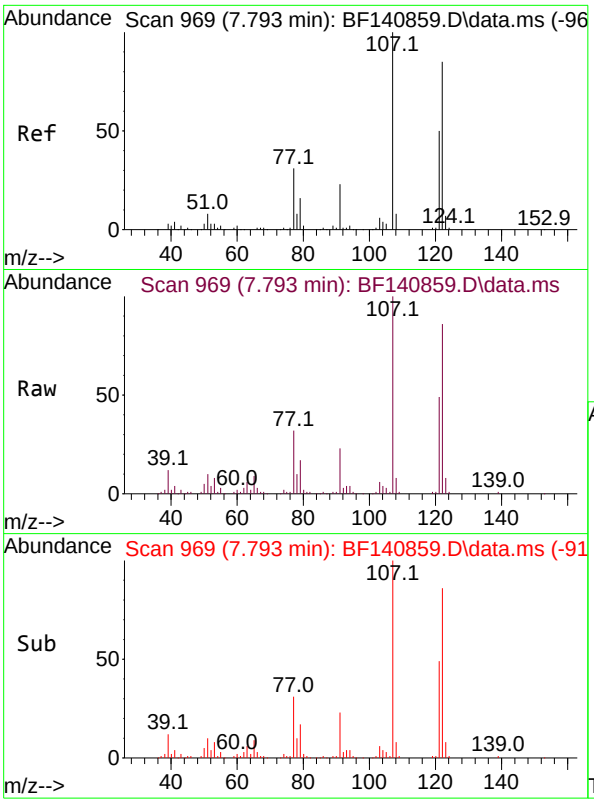


#26
2-Nitrophenol
Concen: 39.666 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:139 Resp: 109806

Ion	Ratio	Lower	Upper
139	100		
109	33.6	26.9	40.3
65	53.3	42.6	64.0



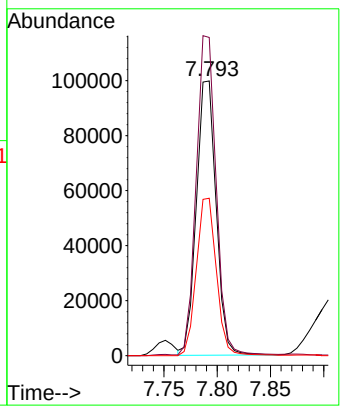


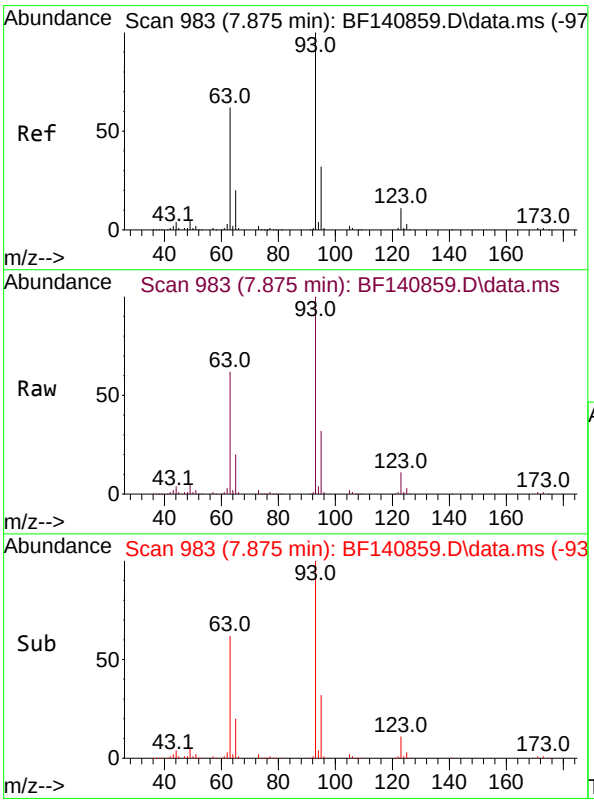
#27
2,4-Dimethylphenol
Concen: 39.892 ng
RT: 7.793 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 128970

Ion	Ratio	Lower	Upper
122	100		
107	115.8	92.6	139.0
121	57.3	45.8	68.8

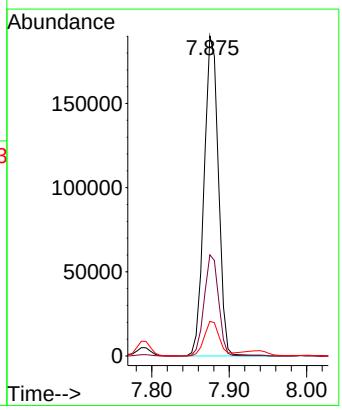


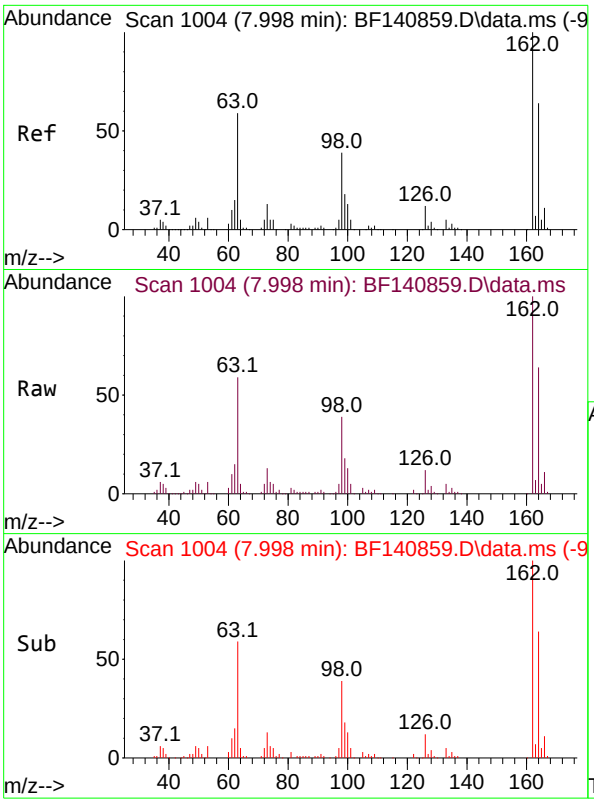


#28
bis(2-Chloroethoxy)methane
Concen: 39.846 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 93 Resp: 244652

Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.3	37.9
123	10.8	8.6	13.0



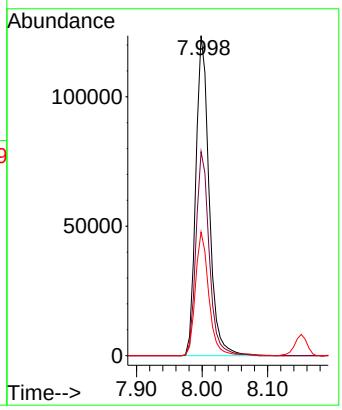


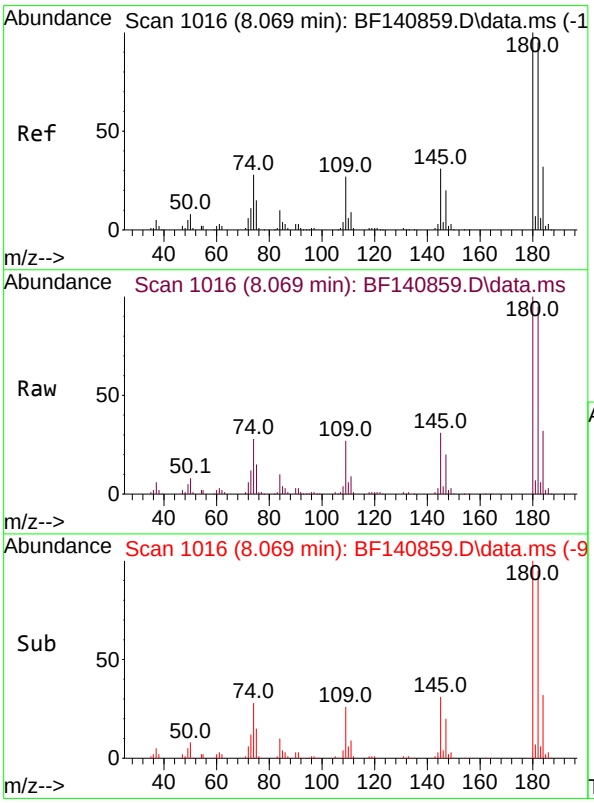
#29
2,4-Dichlorophenol
Concen: 39.299 ng
RT: 7.998 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 175409

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	38.6	18.6	58.6

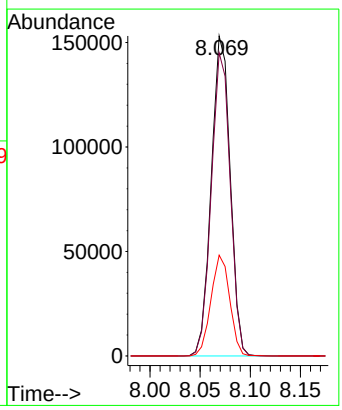


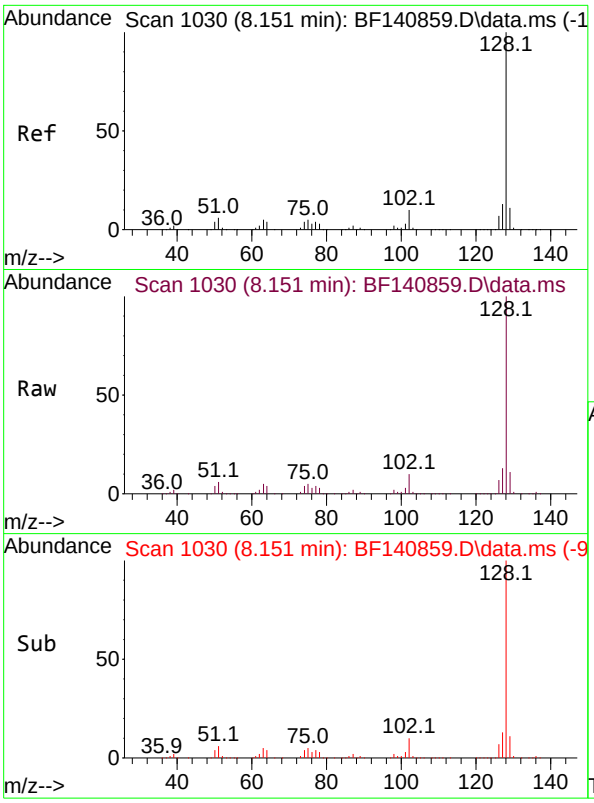


#30
1,2,4-Trichlorobenzene
Concen: 39.180 ng
RT: 8.069 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:180 Resp: 200471

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	31.5	25.2	37.8



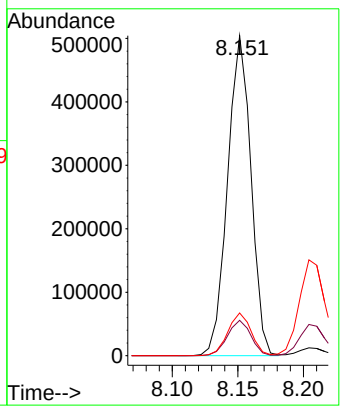


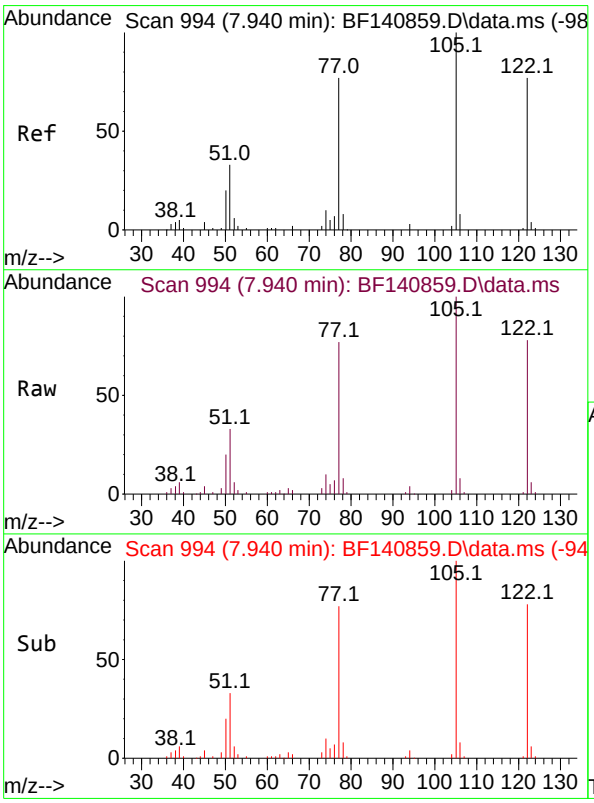
#31
Naphthalene
Concen: 38.860 ng
RT: 8.151 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 626585

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.3	10.6	16.0

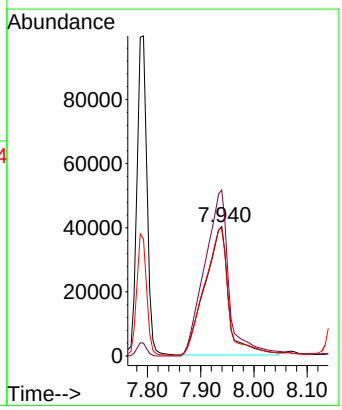


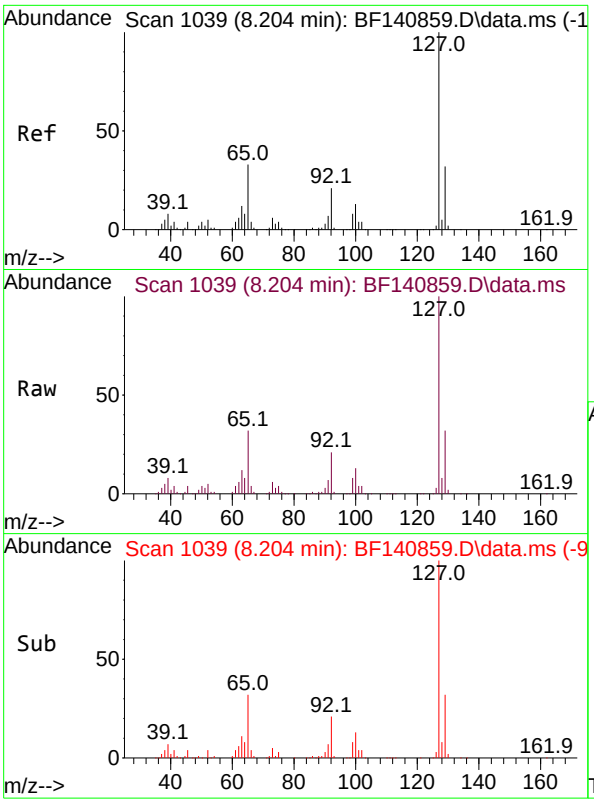


#32
Benzoic acid
Concen: 40.510 ng
RT: 7.940 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:122 Resp: 124210

Ion	Ratio	Lower	Upper
122	100		
105	128.3	108.3	148.3
77	98.8	78.8	118.8



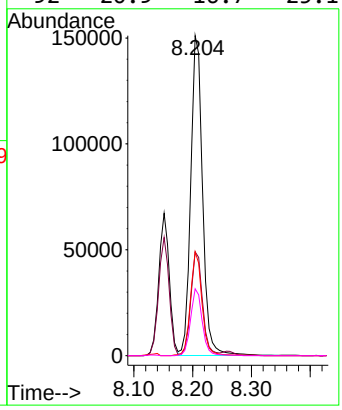


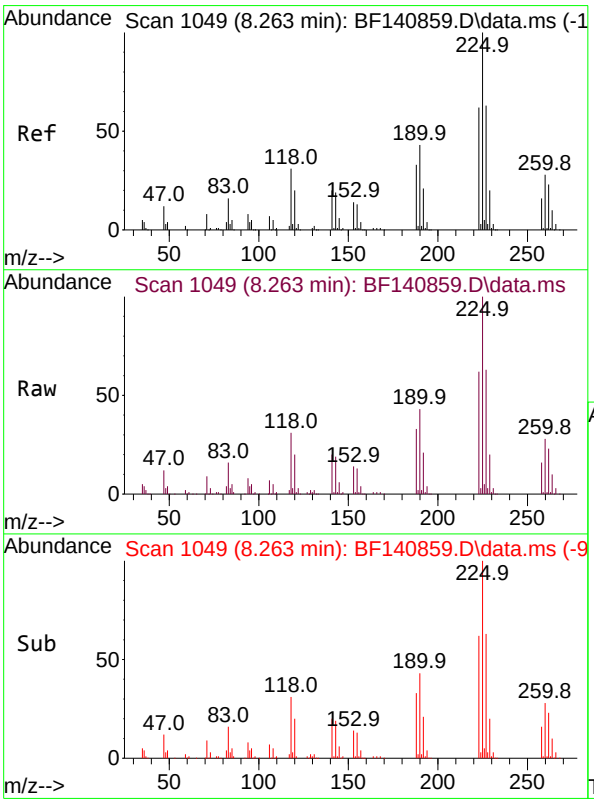
#33
4-Chloroaniline
Concen: 39.582 ng
RT: 8.204 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 211976

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	32.5	26.0	39.0
92	20.9	16.7	25.1

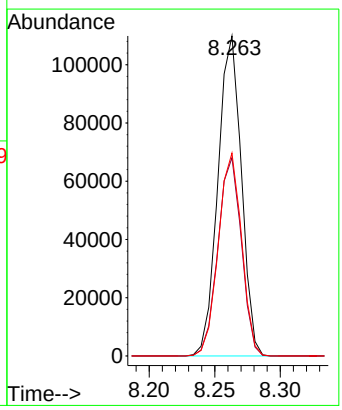


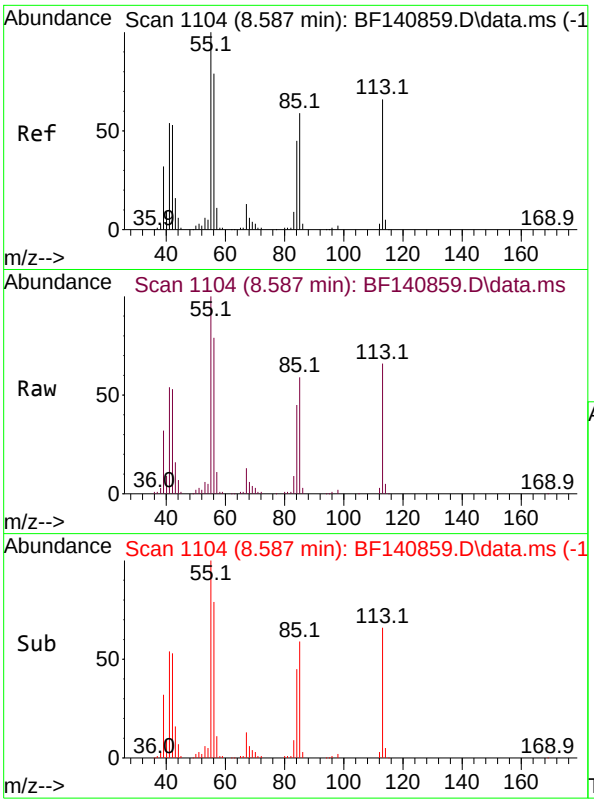


#34
Hexachlorobutadiene
Concen: 39.646 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:225 Resp: 136482

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.6	74.4
227	63.4	50.7	76.1



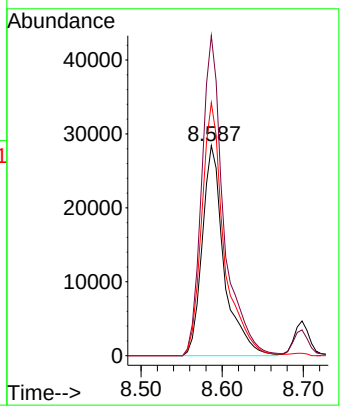


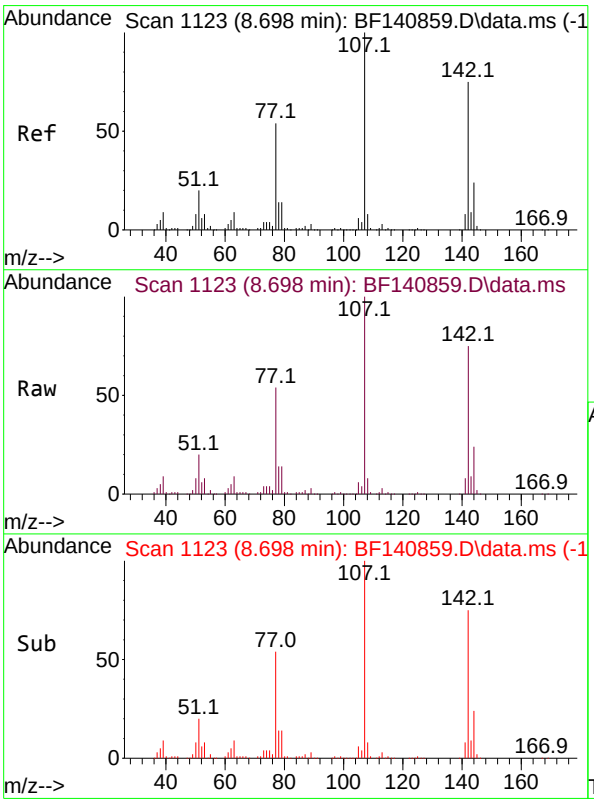
#35
Caprolactam
Concen: 39.930 ng
RT: 8.587 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 53059

Ion	Ratio	Lower	Upper
113	100		
55	152.3	132.3	172.3
56	120.3	100.3	140.3

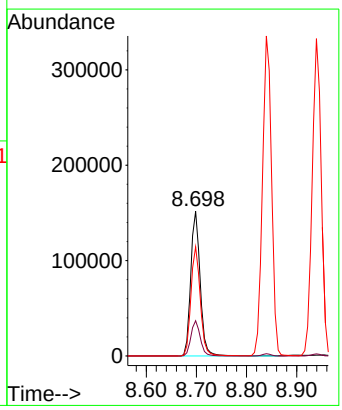


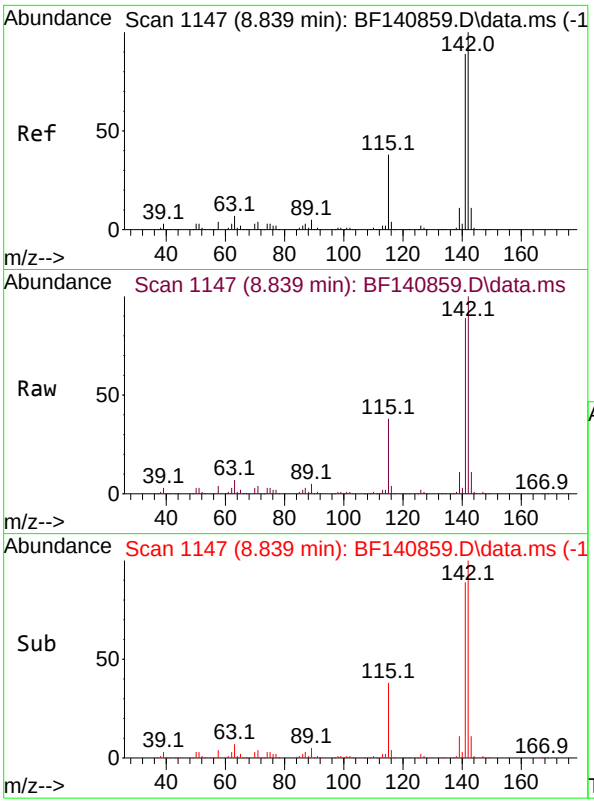


#36
4-Chloro-3-methylphenol
Concen: 39.473 ng
RT: 8.698 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:107 Resp: 198298

Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.4	29.2
142	75.4	60.3	90.5



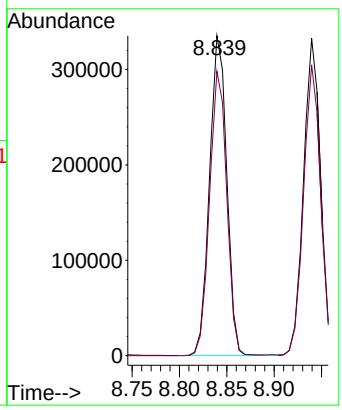


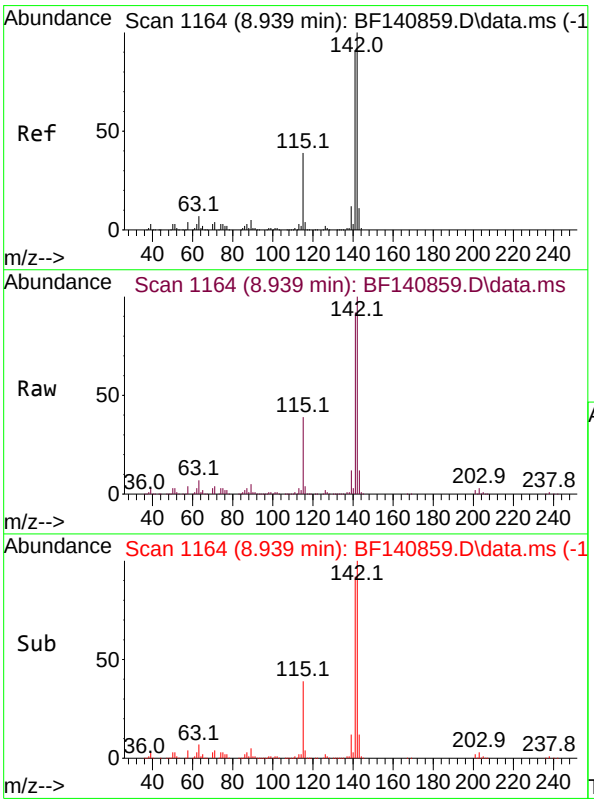
#37
2-Methylnaphthalene
Concen: 39.693 ng
RT: 8.839 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 423369

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6

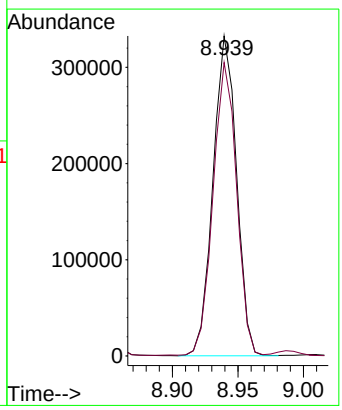


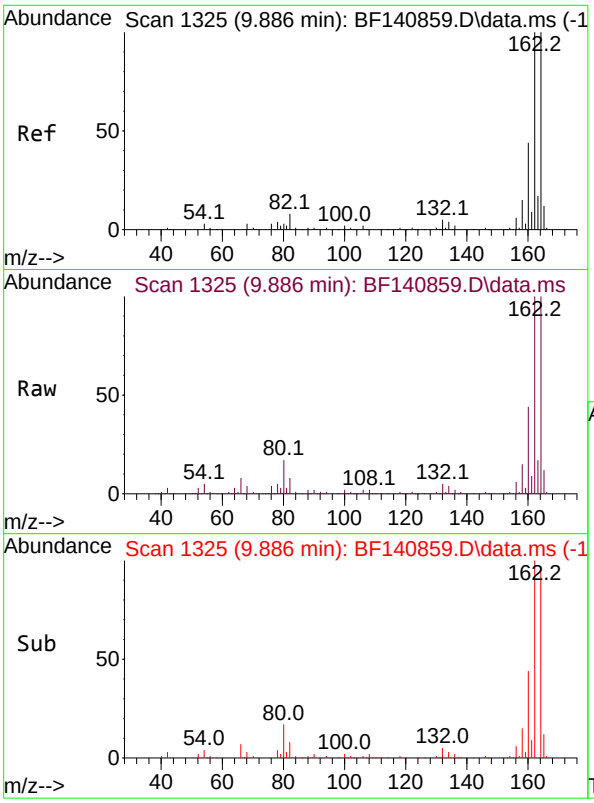


#38
1-Methylnaphthalene
Concen: 39.281 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:142 Resp: 414363

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.0



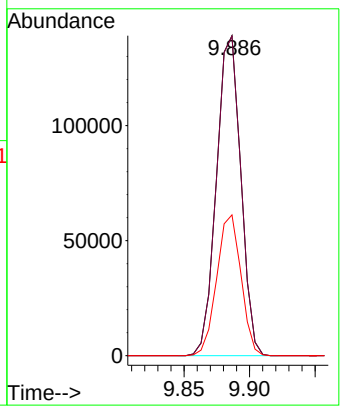


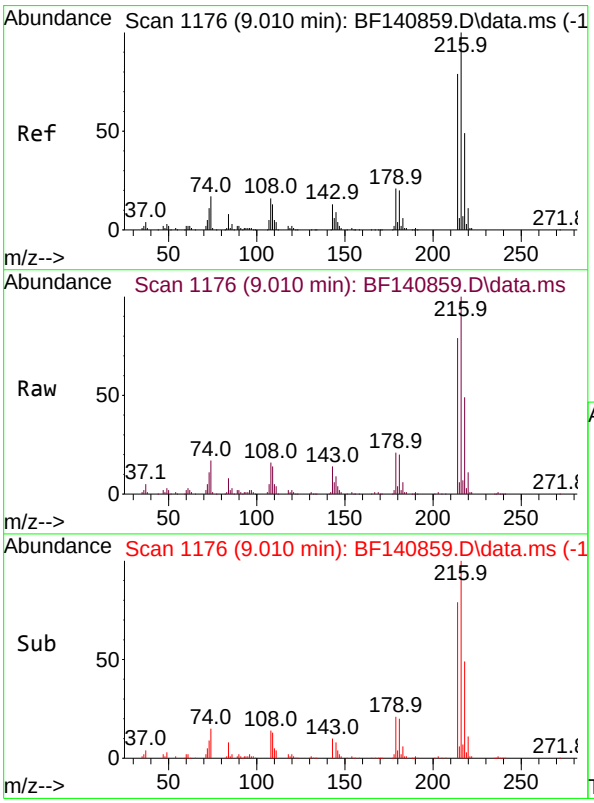
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 179301

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.9	119.9
160	44.0	35.2	52.8

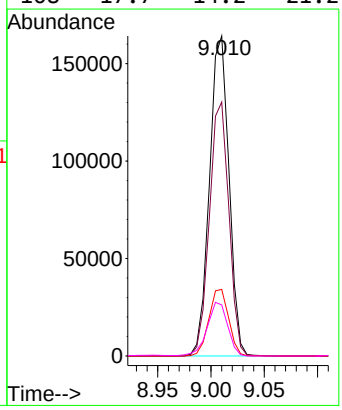


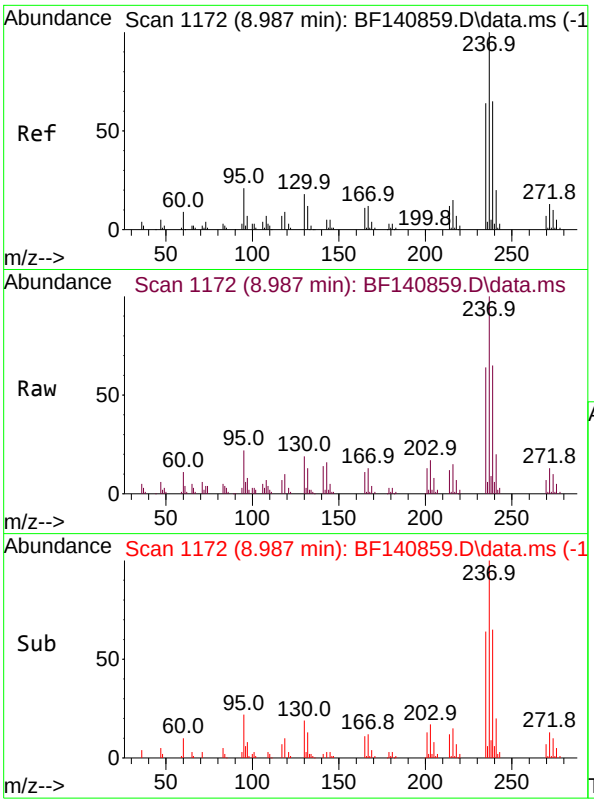


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.768 ng
RT: 9.010 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:216 Resp: 208141

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.6	95.4
179	21.2	17.0	25.4
108	17.7	14.2	21.2



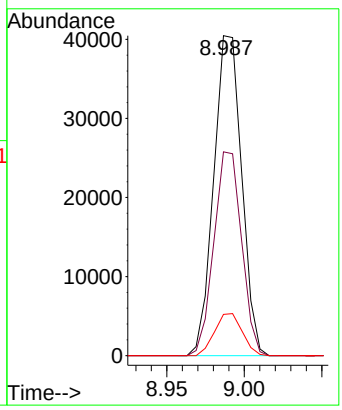


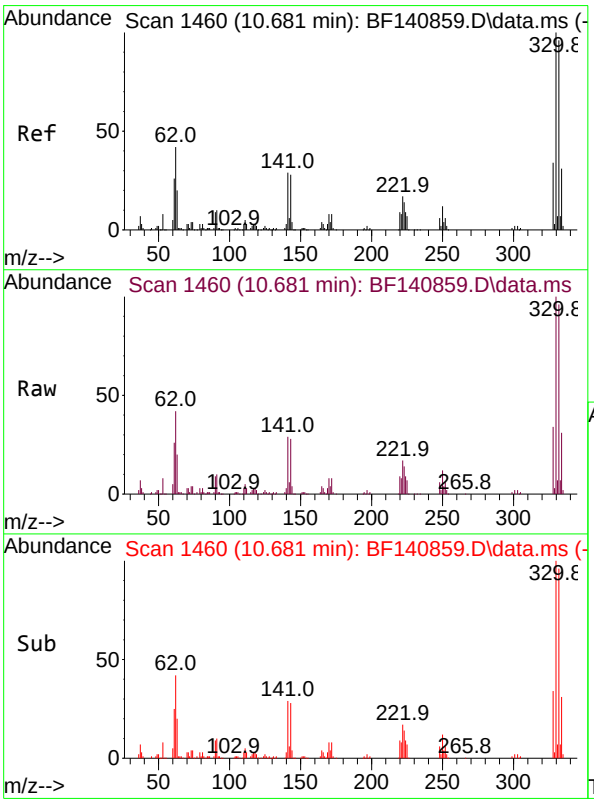
#41
Hexachlorocyclopentadiene
Concen: 39.476 ng
RT: 8.987 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 50793

Ion	Ratio	Lower	Upper
237	100		
235	63.7	43.7	83.7
272	12.9	0.0	32.9

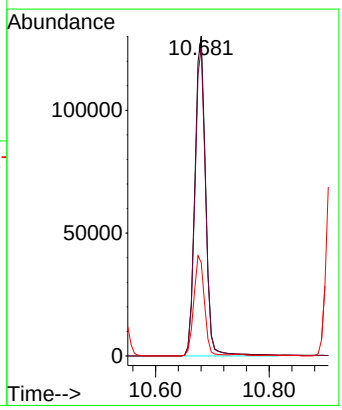


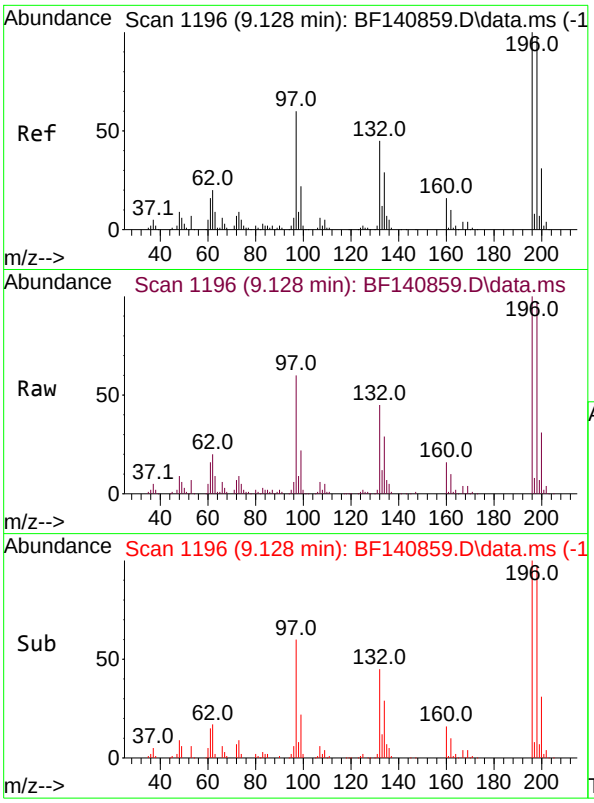


#42
2,4,6-Tribromophenol
Concen: 81.197 ng
RT: 10.681 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:330 Resp: 172188

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	31.1	24.9	37.3



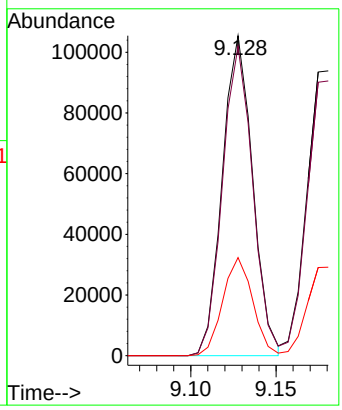


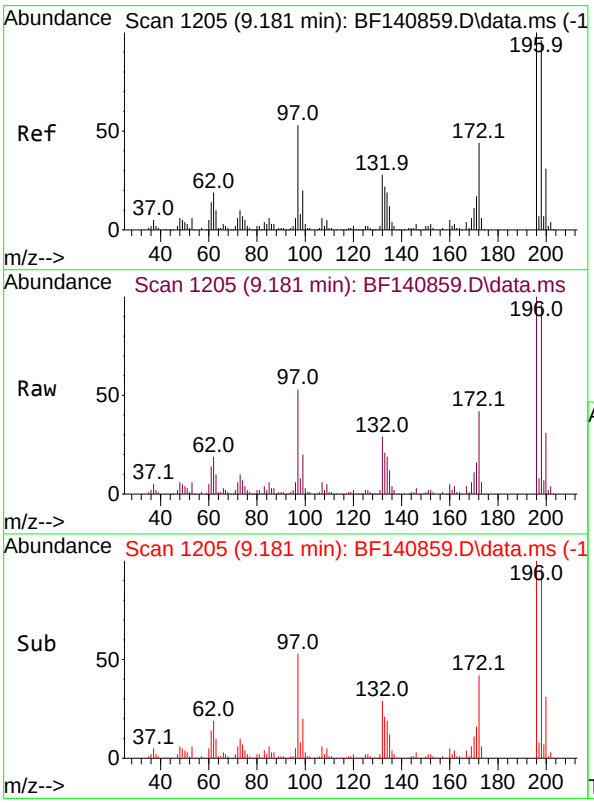
#43
2,4,6-Trichlorophenol
Concen: 38.631 ng
RT: 9.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 130363

Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.4	116.0
200	30.6	24.5	36.7

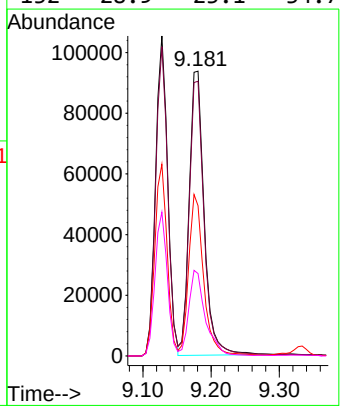


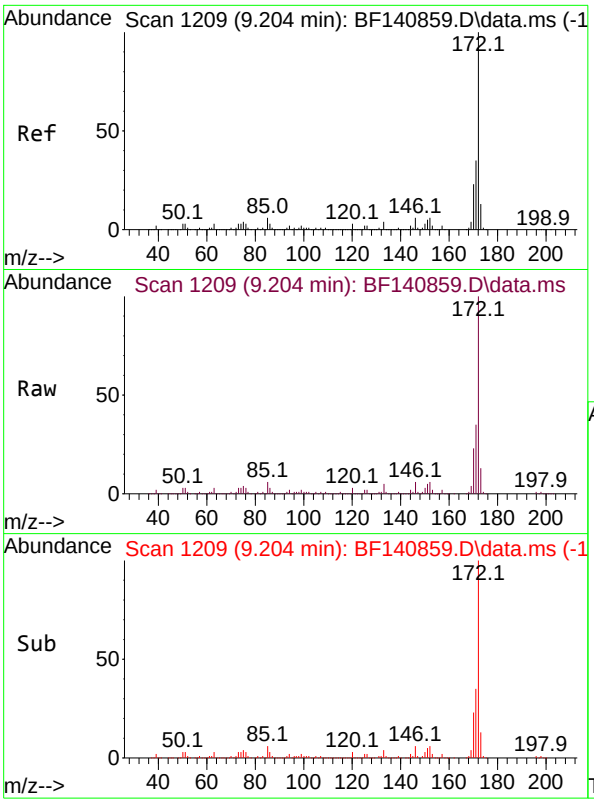


#44
2,4,5-Trichlorophenol
Concen: 38.395 ng
RT: 9.181 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:196 Resp: 142411

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.2	115.8
97	52.8	42.2	63.4
132	28.9	23.1	34.7



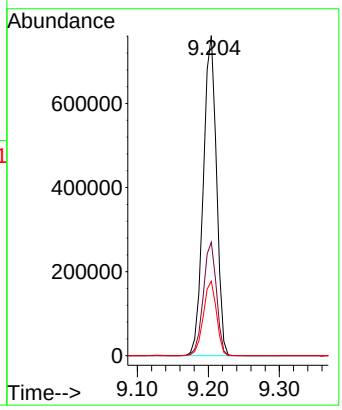


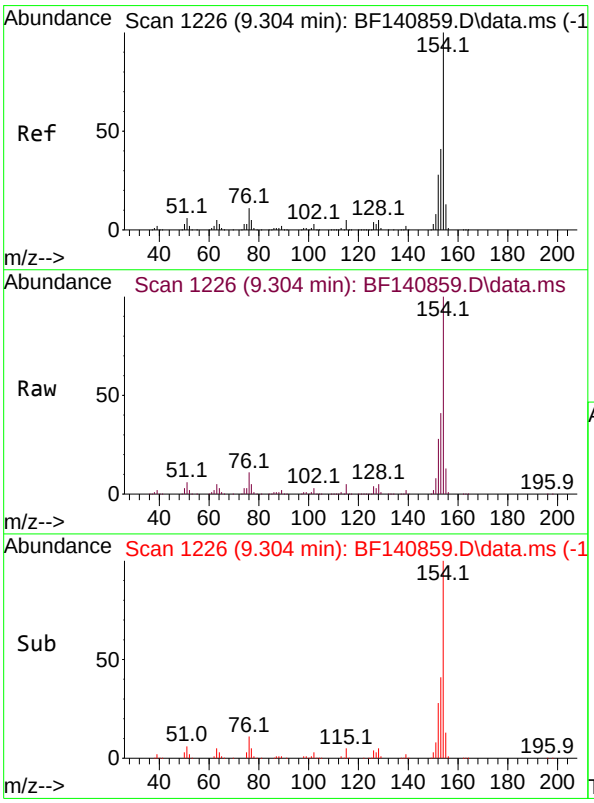
#45
2-Fluorobiphenyl
Concen: 75.290 ng
RT: 9.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 981889

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.3	18.6	28.0

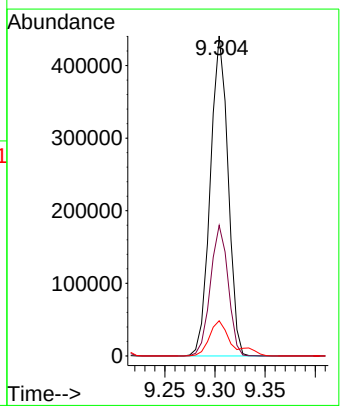


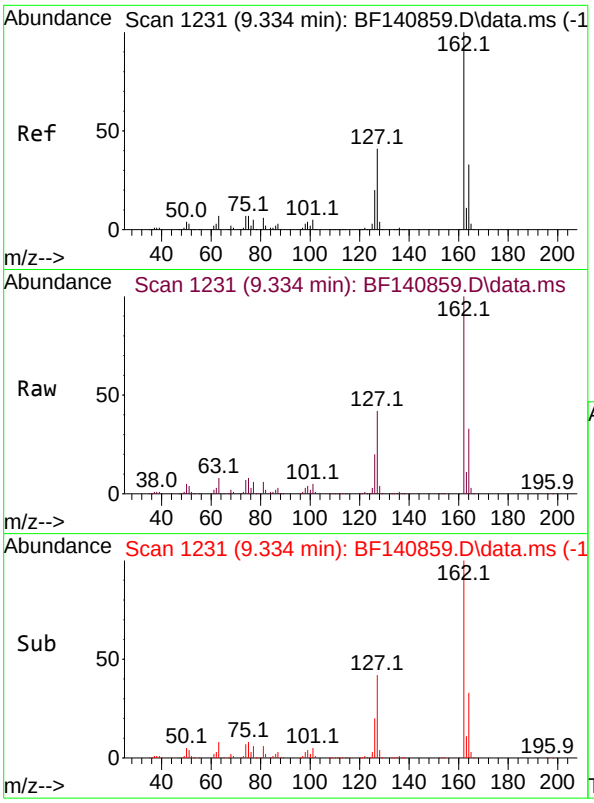


#46
1,1'-Biphenyl
Concen: 38.044 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:154 Resp: 542419

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	11.0	0.0	31.0



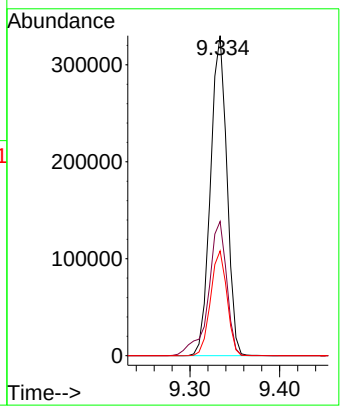


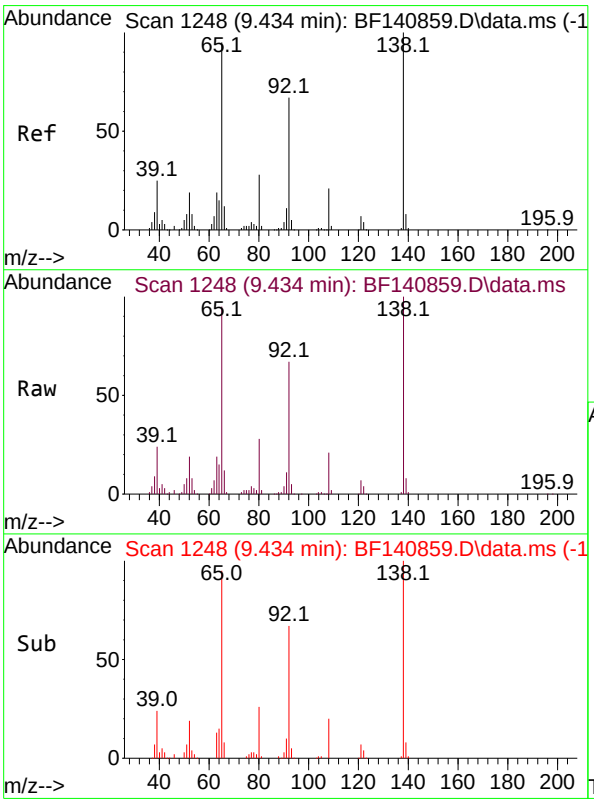
#47
2-Chloronaphthalene
Concen: 38.447 ng
RT: 9.334 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 419357

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.5	50.3
164	32.7	26.2	39.2

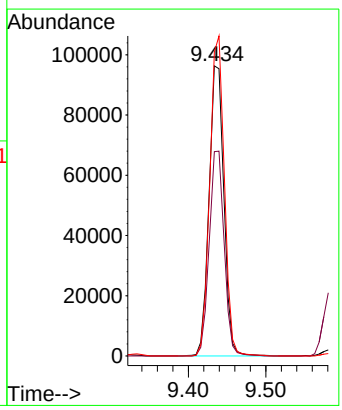


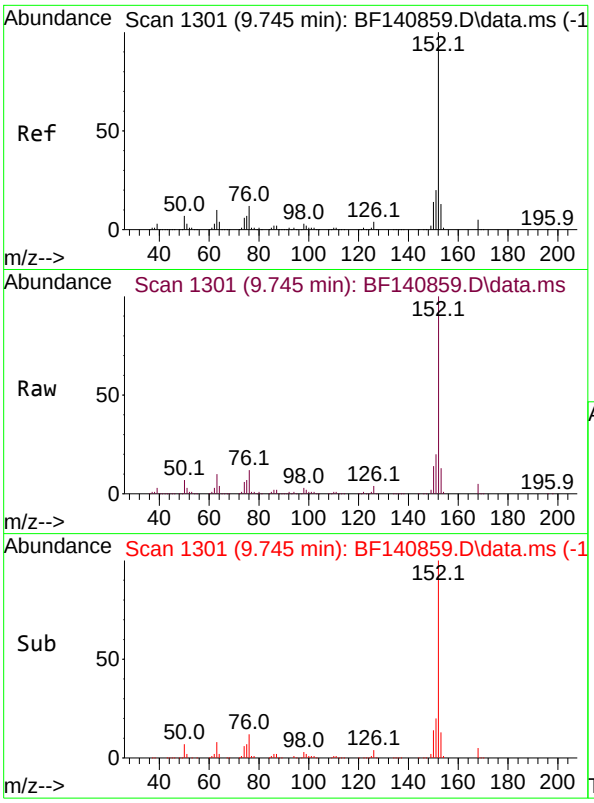


#48
2-Nitroaniline
Concen: 38.984 ng
RT: 9.434 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 65 Resp: 128421

Ion	Ratio	Lower	Upper
65	100		
92	70.4	56.3	84.5
138	104.7	83.8	125.6



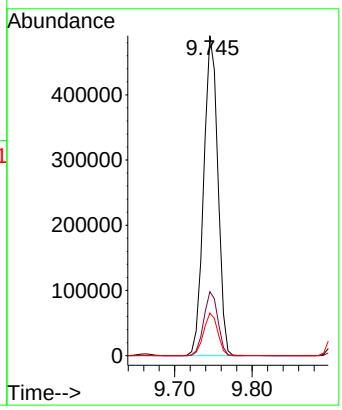


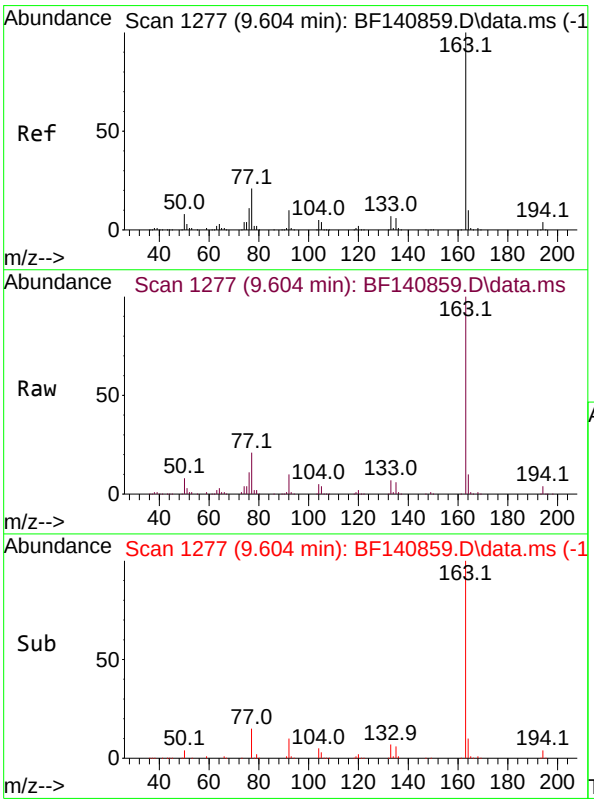
#49
Acenaphthylene
Concen: 38.790 ng
RT: 9.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 621763

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.3	10.6	16.0

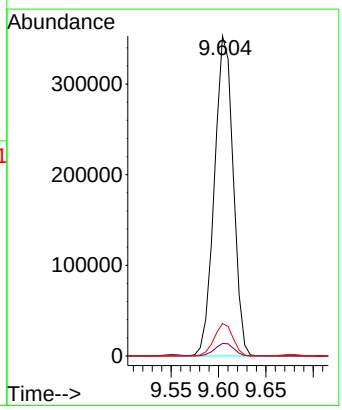


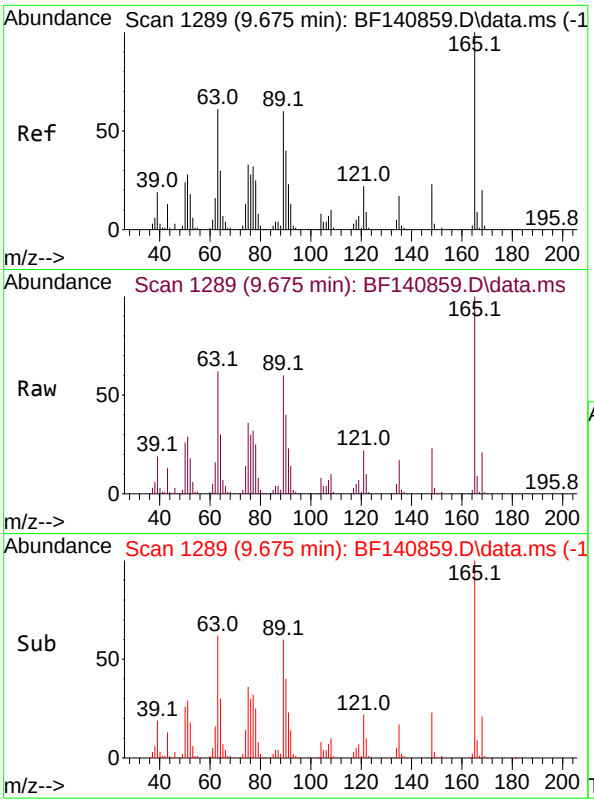


#50
Dimethylphthalate
Concen: 38.566 ng
RT: 9.604 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:163 Resp: 487517

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.1	8.1	12.1



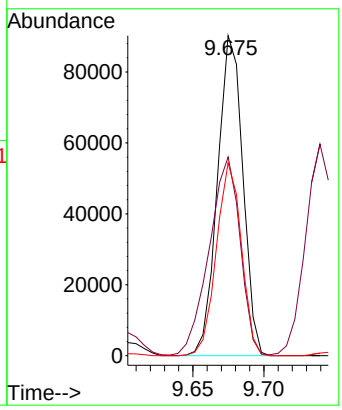


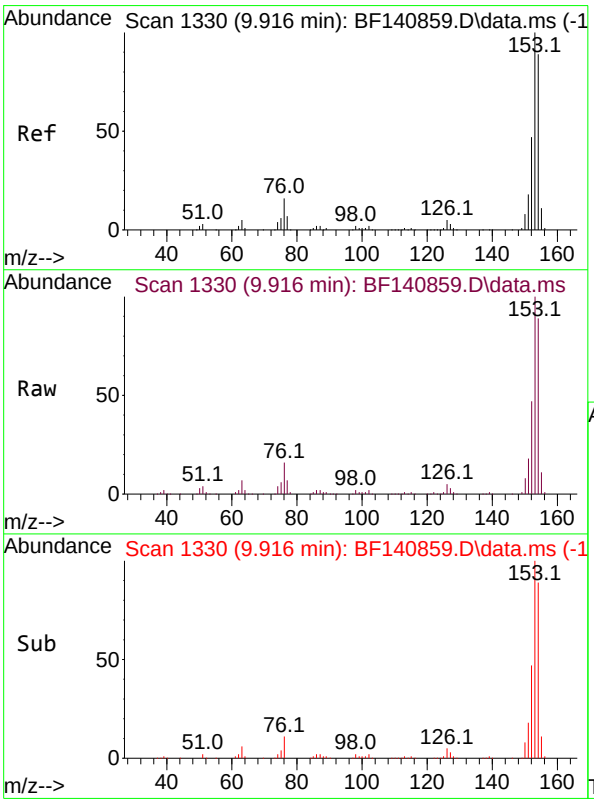
#51
2,6-Dinitrotoluene
Concen: 38.752 ng
RT: 9.675 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 111990

Ion	Ratio	Lower	Upper
165	100		
63	62.1	49.7	74.5
89	60.3	48.2	72.4

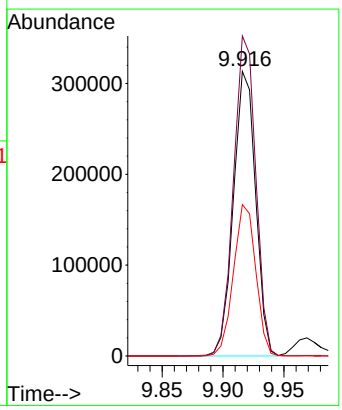


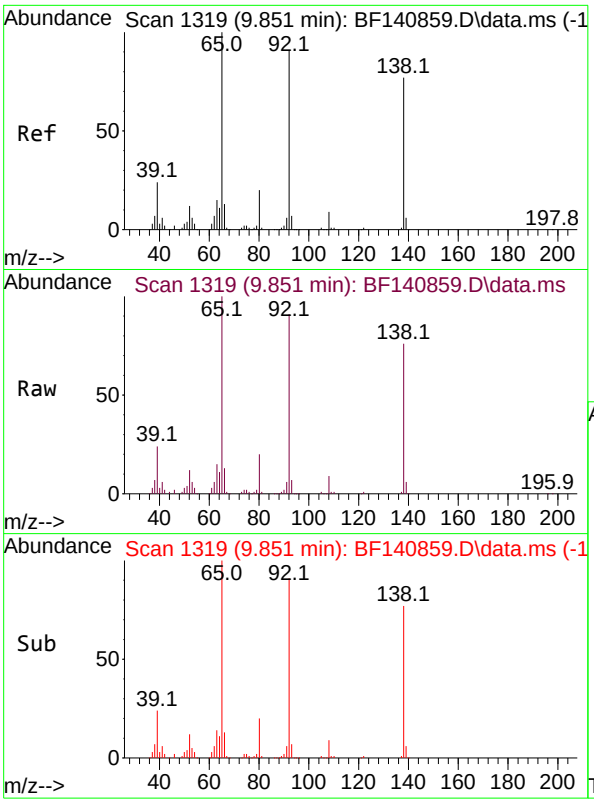


#52
Acenaphthene
Concen: 38.965 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:154 Resp: 398965

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.9	134.9
152	53.2	42.6	63.8



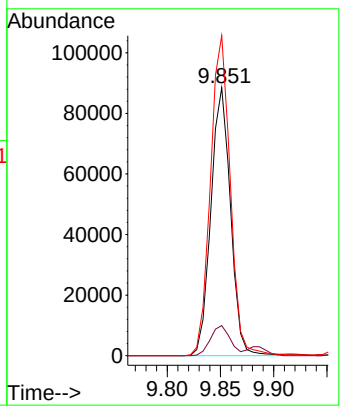


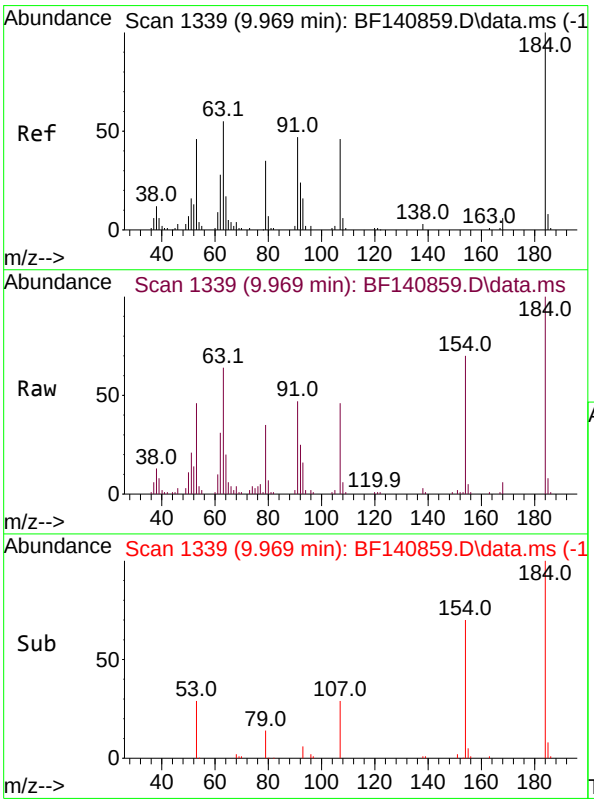
#53
3-Nitroaniline
Concen: 39.481 ng
RT: 9.851 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 113227

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	119.4	95.5	143.3

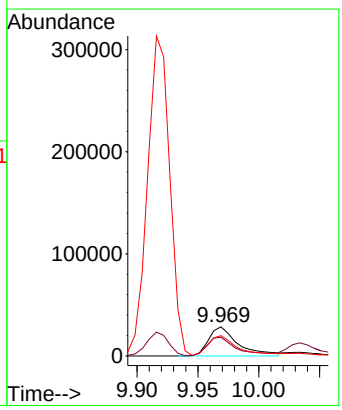


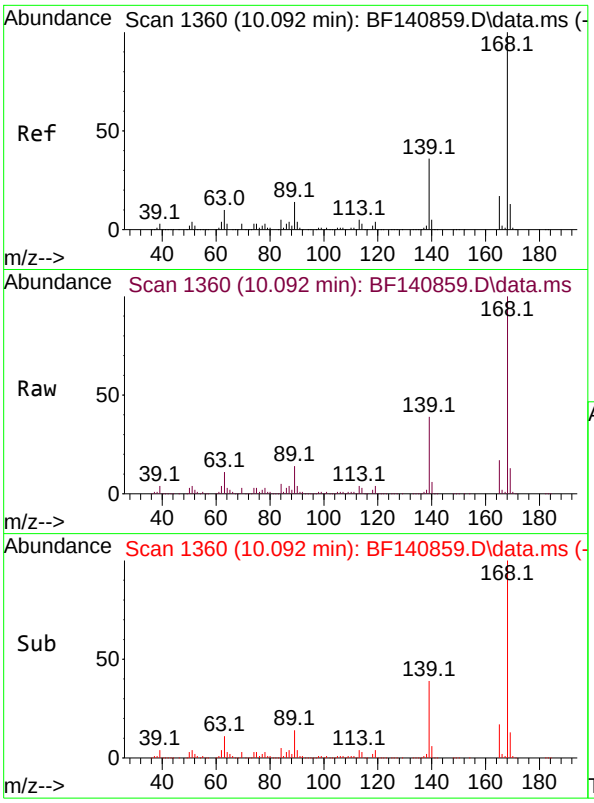


#54
2,4-Dinitrophenol
Concen: 37.788 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:184 Resp: 47982

Ion	Ratio	Lower	Upper
184	100		
63	64.5	51.6	77.4
154	70.1	56.1	84.1



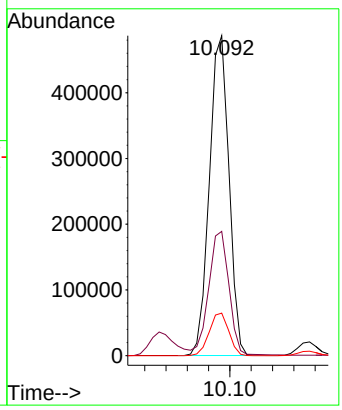


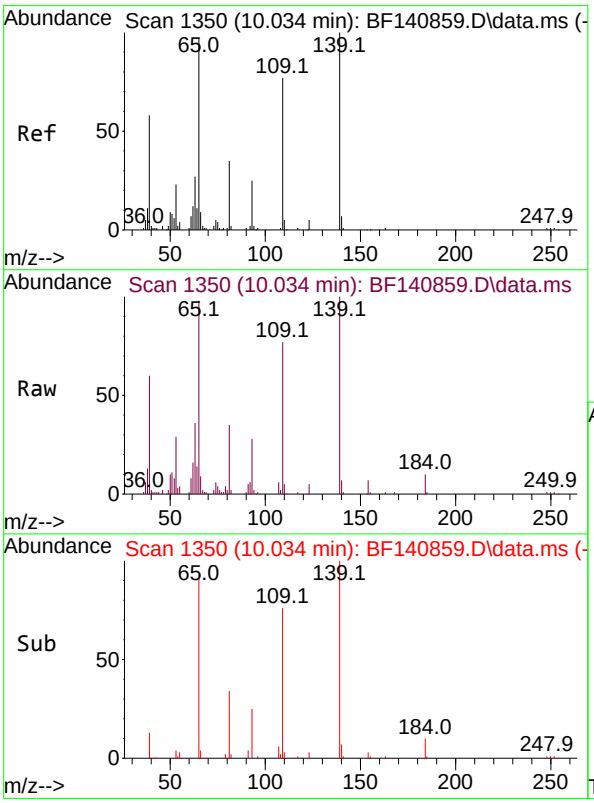
#55
Dibenzofuran
Concen: 39.066 ng
RT: 10.092 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 619833

Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.1	46.7
169	13.3	10.6	16.0

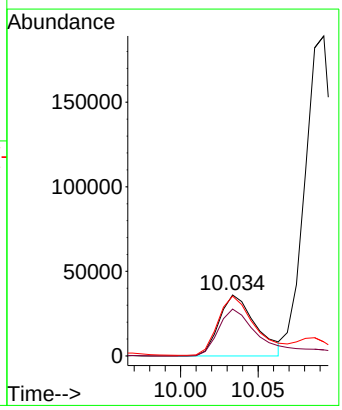


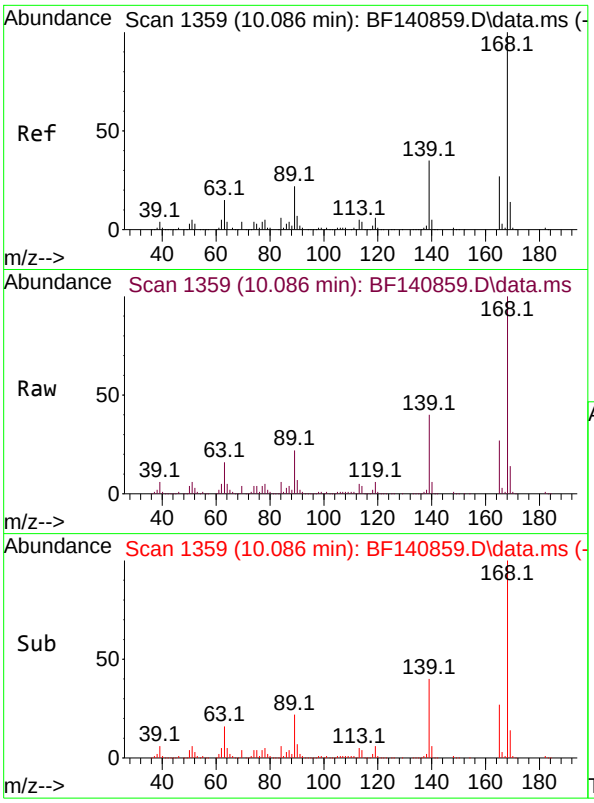


#56
4-Nitrophenol
Concen: 40.590 ng
RT: 10.034 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:139 Resp: 59043

Ion	Ratio	Lower	Upper
139	100		
109	76.7	56.7	96.7
65	98.1	78.1	118.1



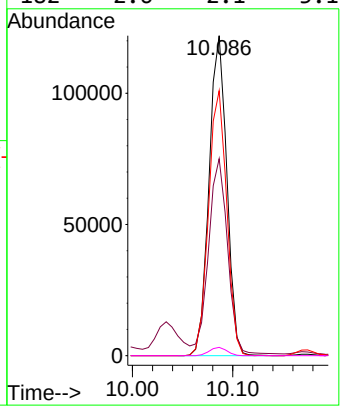


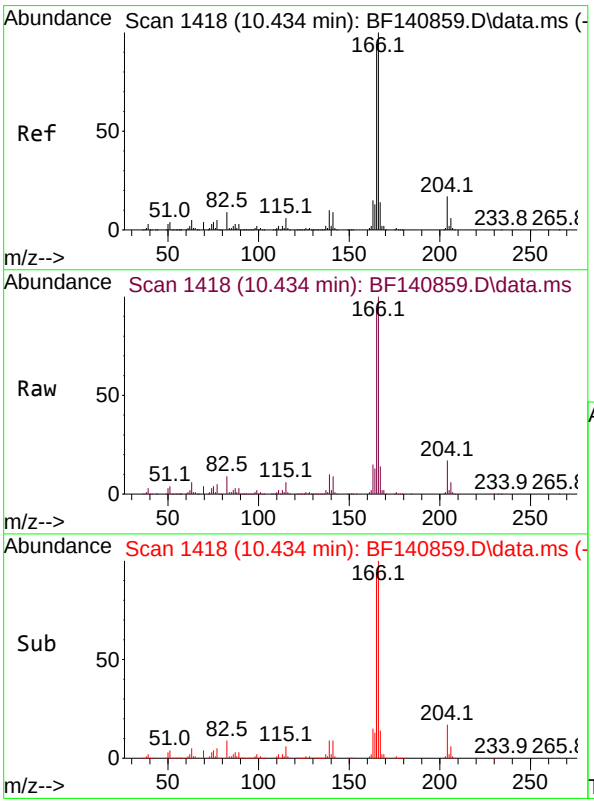
#57
2,4-Dinitrotoluene
Concen: 39.502 ng
RT: 10.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 150199

Ion	Ratio	Lower	Upper
165	100		
63	61.6	49.3	73.9
89	82.8	66.2	99.4
182	2.6	2.1	3.1

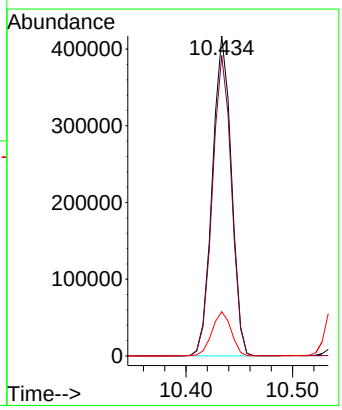


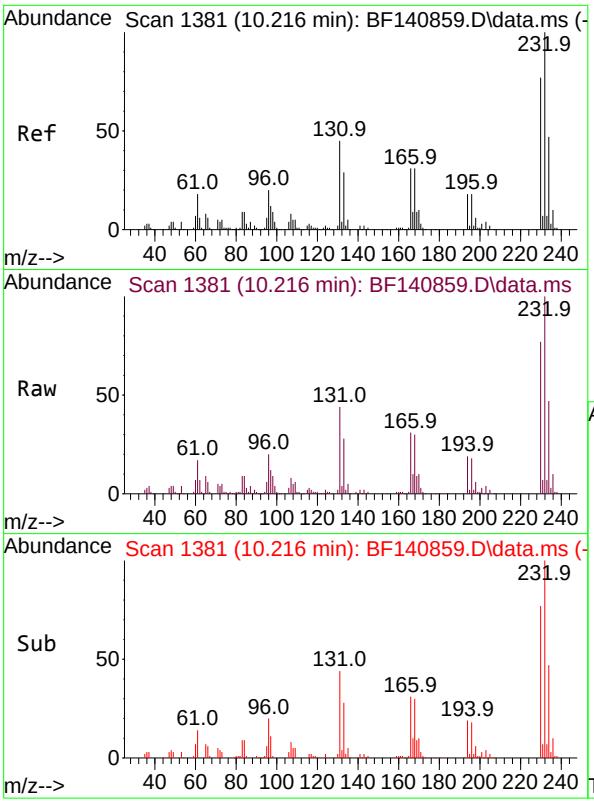


#58
Fluorene
Concen: 39.568 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:166 Resp: 517920

Ion	Ratio	Lower	Upper
166	100		
165	93.9	75.1	112.7
167	13.9	11.1	16.7



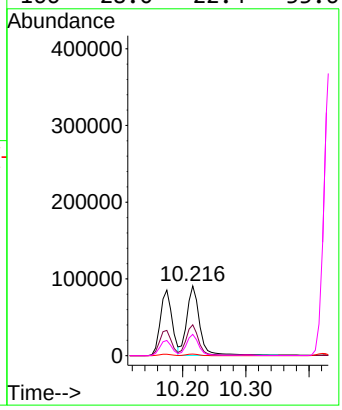


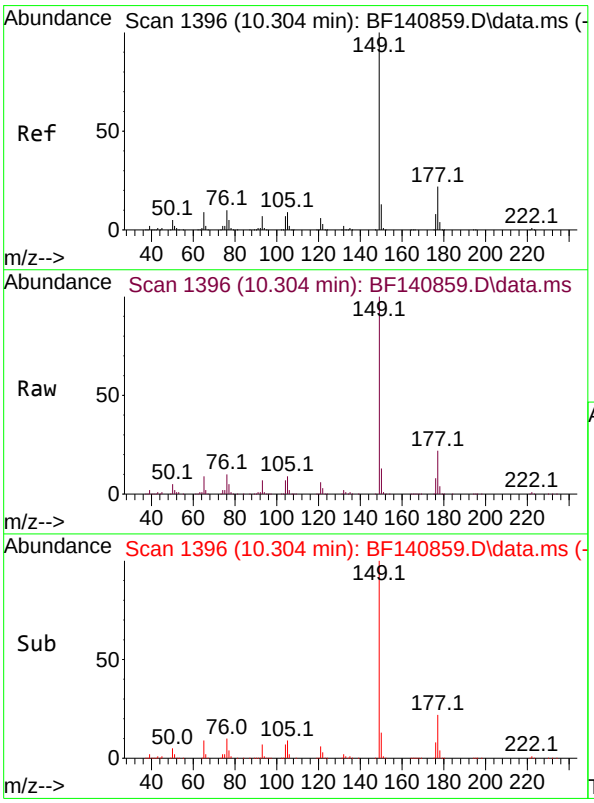
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.028 ng
RT: 10.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 127023

Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.1	52.7
130	2.3	1.8	2.8
166	28.0	22.4	33.6

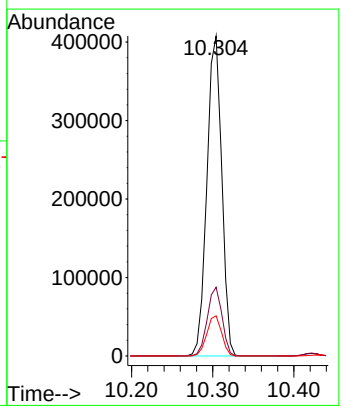


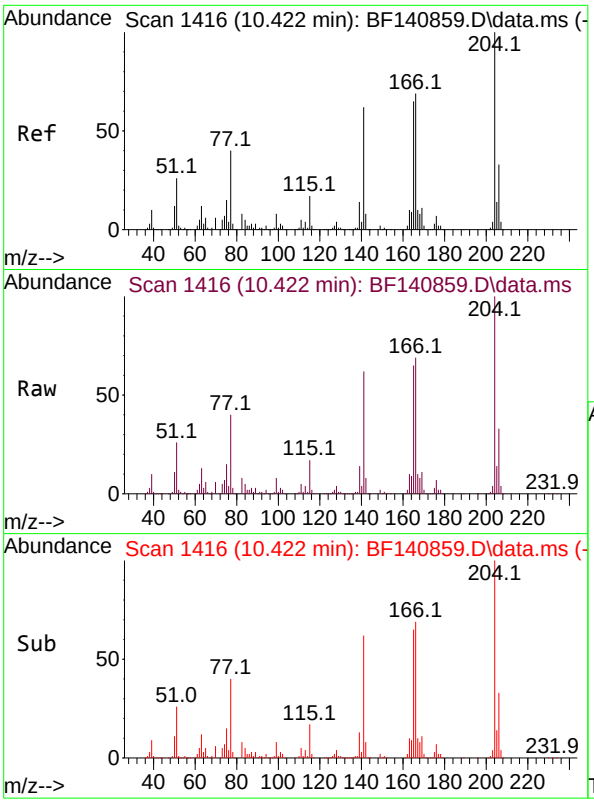


#60
Diethylphthalate
Concen: 39.375 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:149 Resp: 516146

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.2	25.8
150	12.6	10.1	15.1



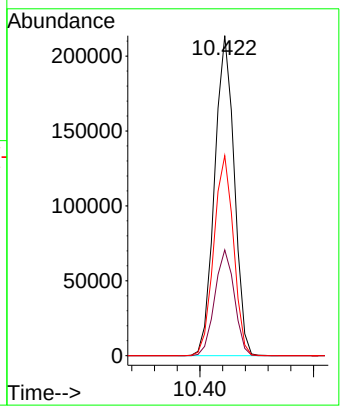


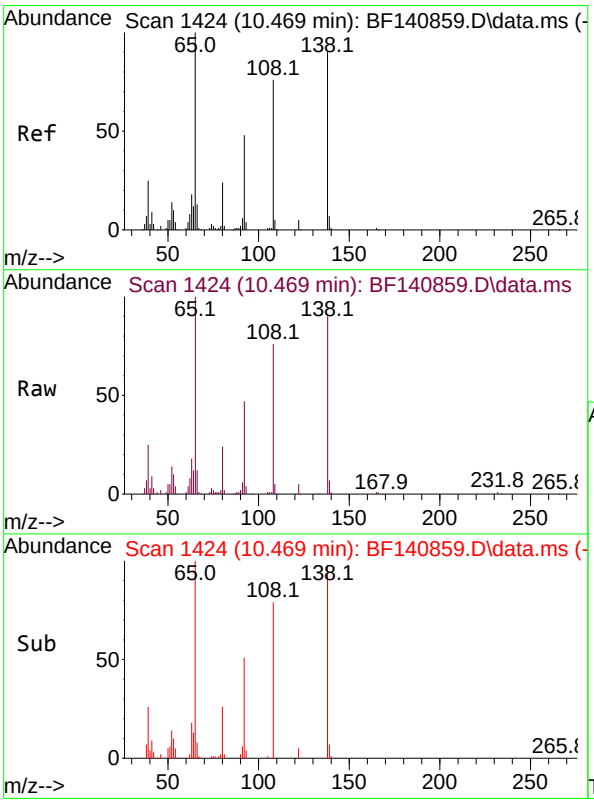
#61
4-Chlorophenyl-phenylether
Concen: 39.062 ng
RT: 10.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 256836

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	62.5	50.0	75.0

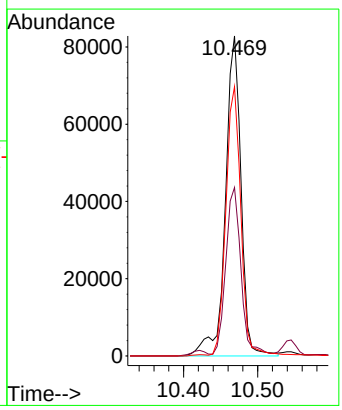


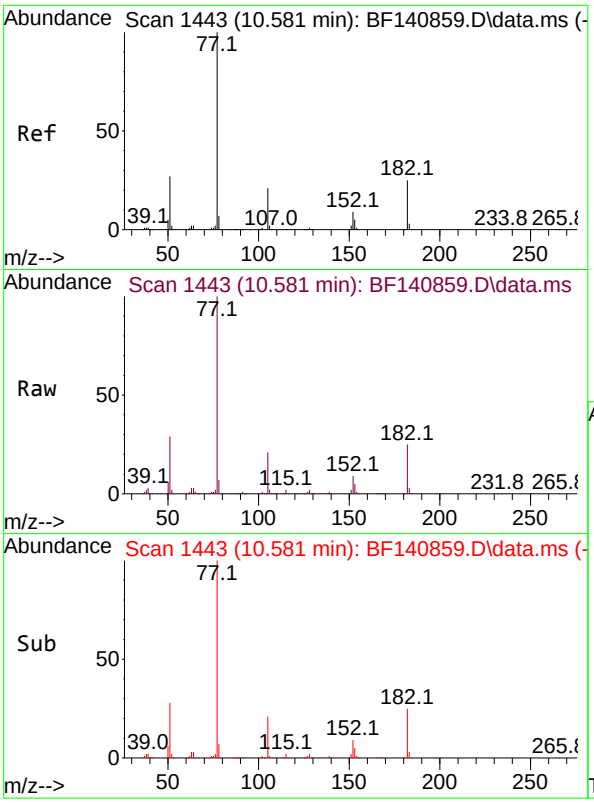


#62
4-Nitroaniline
Concen: 40.423 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:138 Resp: 121143

Ion	Ratio	Lower	Upper
138	100		
92	52.6	32.6	72.6
108	84.1	64.1	104.1



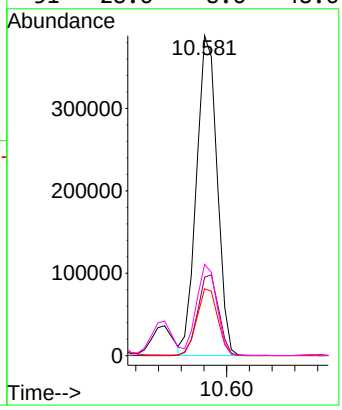


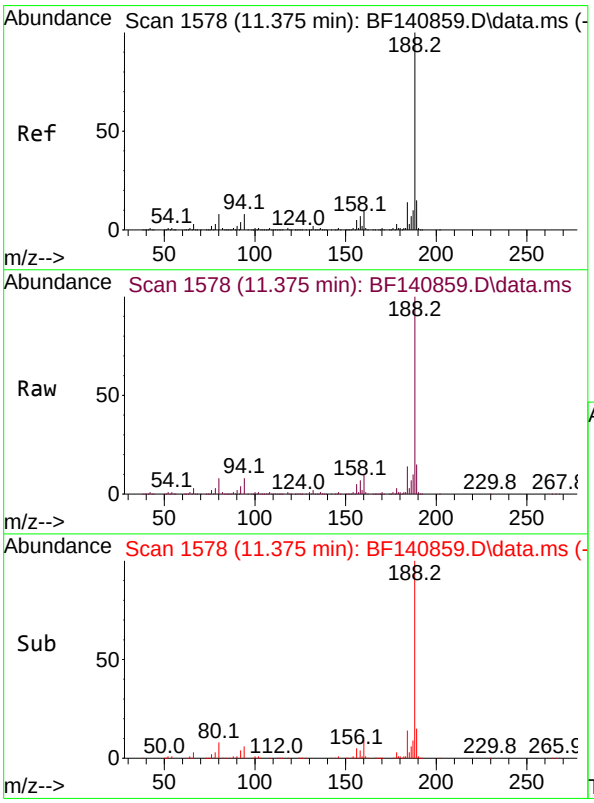
#63
Azobenzene
Concen: 39.821 ng
RT: 10.581 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 490731

Ion	Ratio	Lower	Upper
77	100		
182	24.5	4.5	44.5
105	20.9	0.9	40.9
51	28.6	8.6	48.6

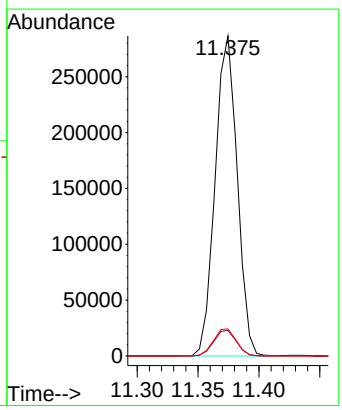


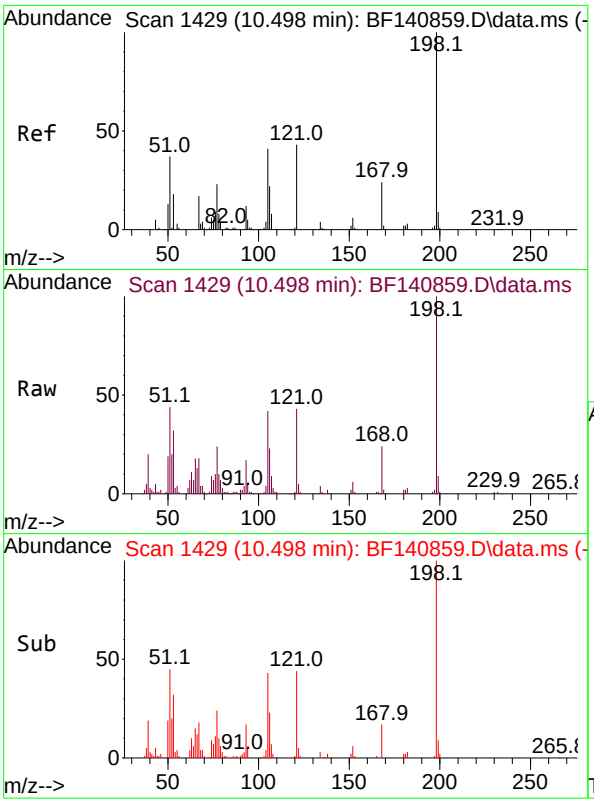


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:188 Resp: 361848

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	8.5	6.8	10.2



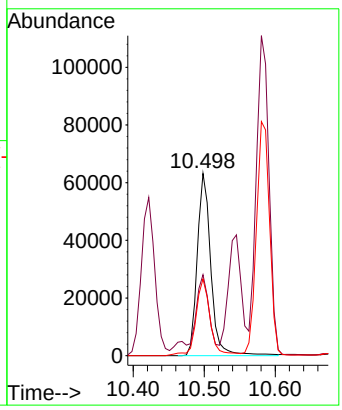


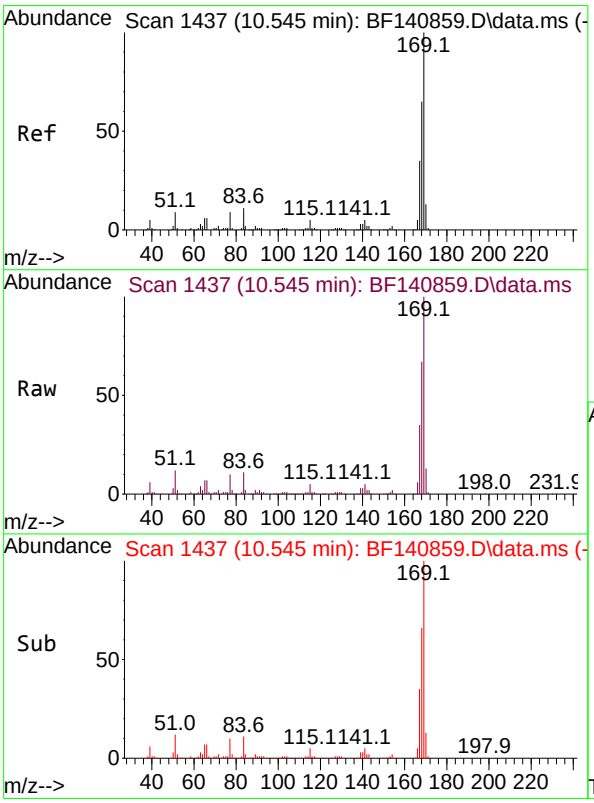
#65
4,6-Dinitro-2-methylphenol
Concen: 41.148 ng
RT: 10.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 84370

Ion	Ratio	Lower	Upper
198	100		
51	44.4	24.4	64.4
105	42.1	22.1	62.1

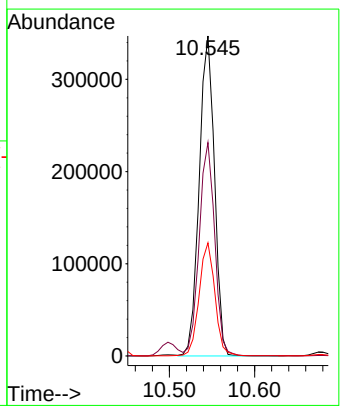


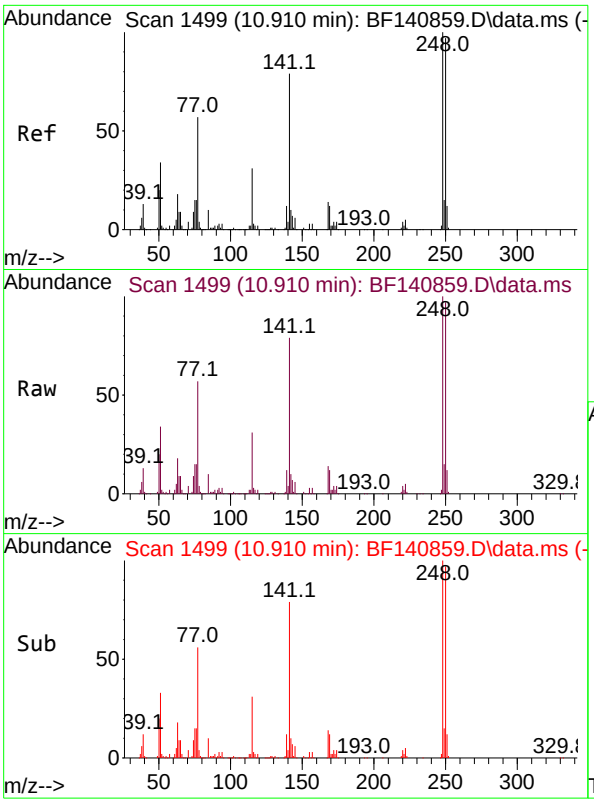


#66
n-Nitrosodiphenylamine
Concen: 38.947 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:169 Resp: 433296

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.0
167	35.4	28.3	42.5



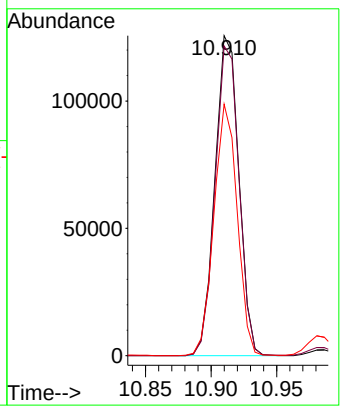


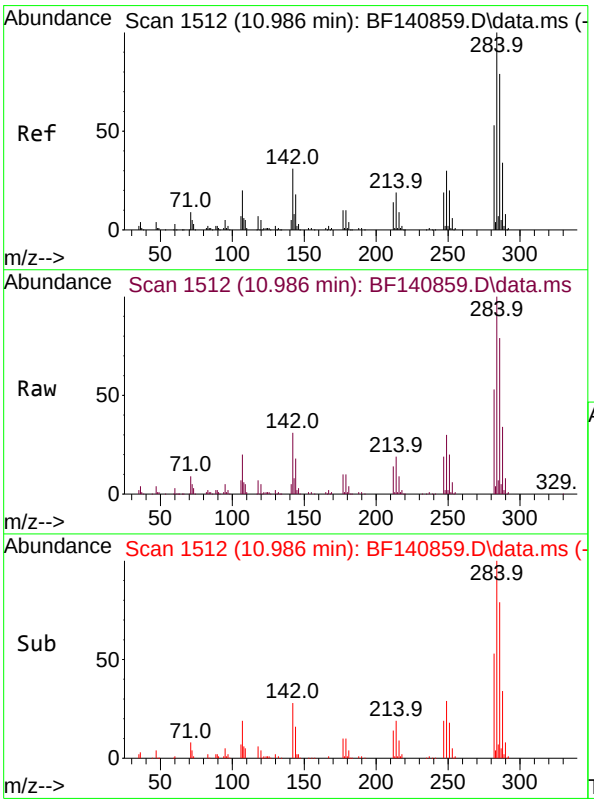
#67
4-Bromophenyl-phenylether
Concen: 39.307 ng
RT: 10.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 159117

Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.4	116.2
141	78.6	62.9	94.3

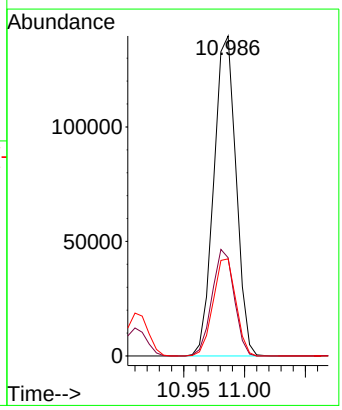


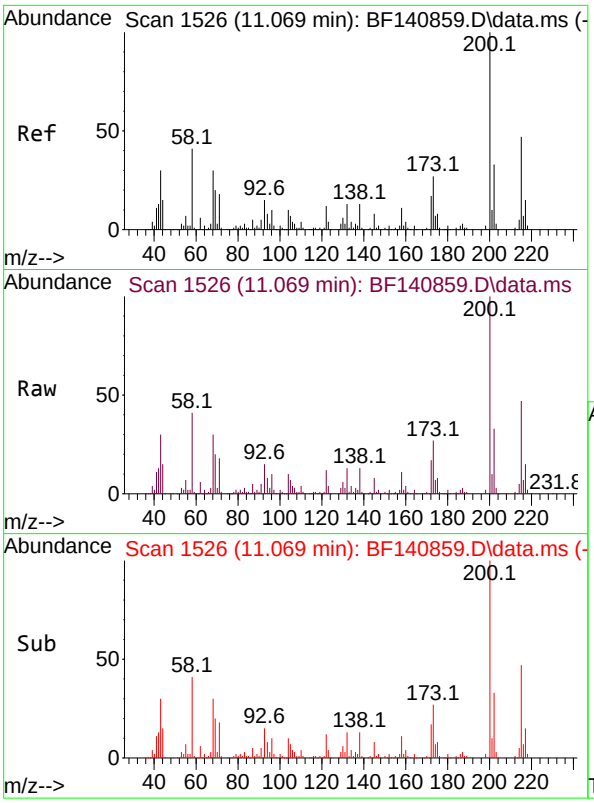


#68
Hexachlorobenzene
Concen: 38.742 ng
RT: 10.986 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:284 Resp: 177811

Ion	Ratio	Lower	Upper
284	100		
142	30.7	24.6	36.8
249	30.4	24.3	36.5



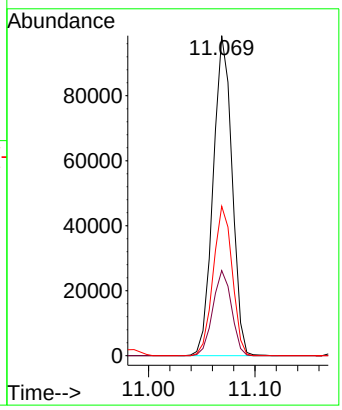


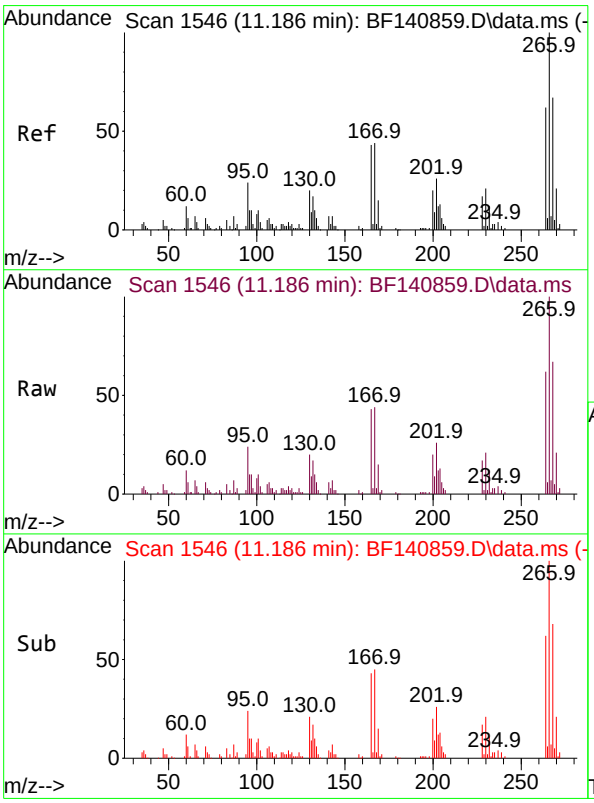
#69
Atrazine
Concen: 39.101 ng
RT: 11.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 121493

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	46.7	26.7	66.7

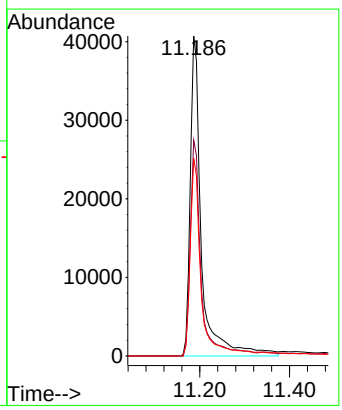


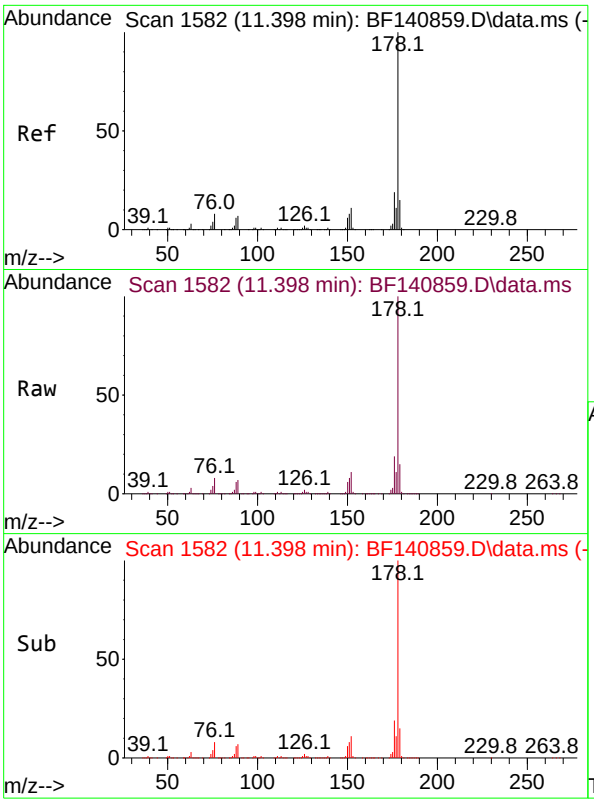


#70
Pentachlorophenol
Concen: 42.072 ng
RT: 11.186 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:266 Resp: 70638

Ion	Ratio	Lower	Upper
266	100		
268	67.5	54.0	81.0
264	61.8	49.4	74.2



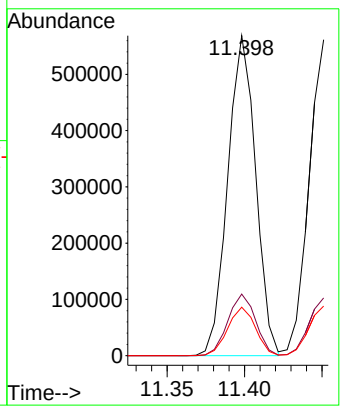


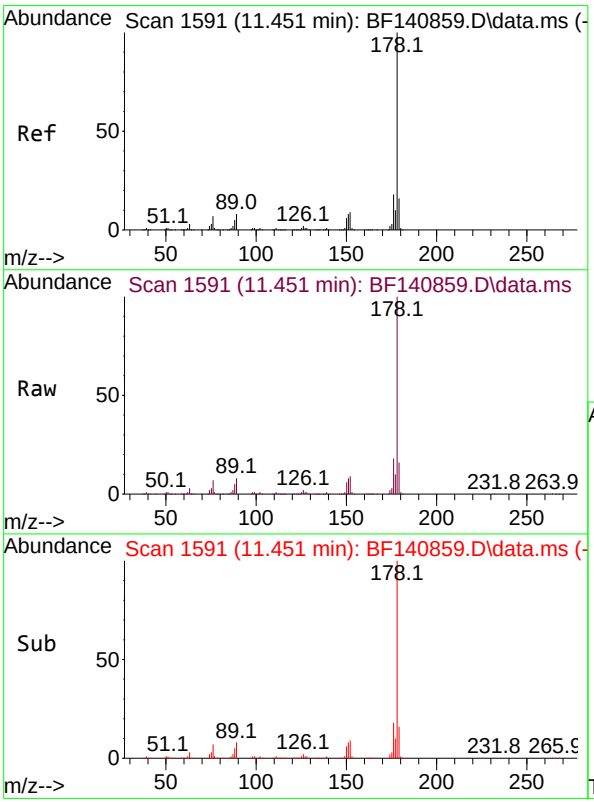
#71
Phenanthrene
Concen: 38.248 ng
RT: 11.398 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 711714

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.1	12.1	18.1

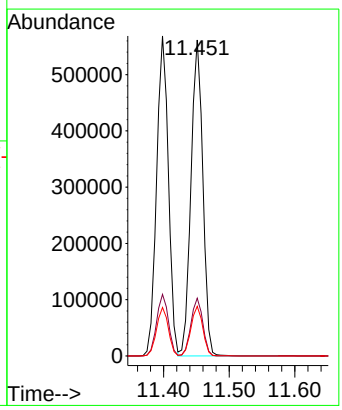


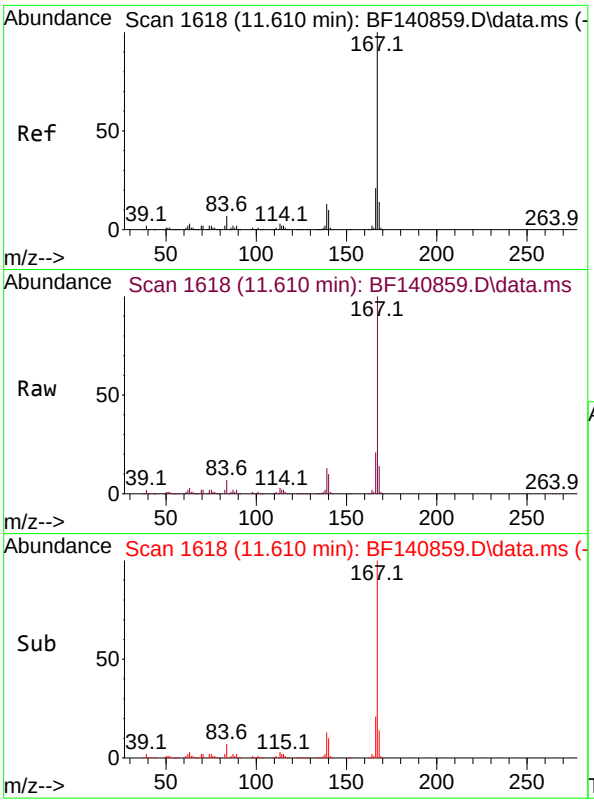


#72
Anthracene
Concen: 38.326 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:178 Resp: 702321

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.7	12.6	18.8



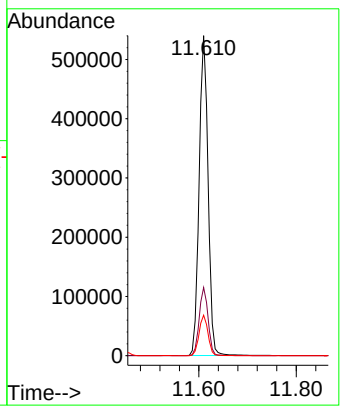


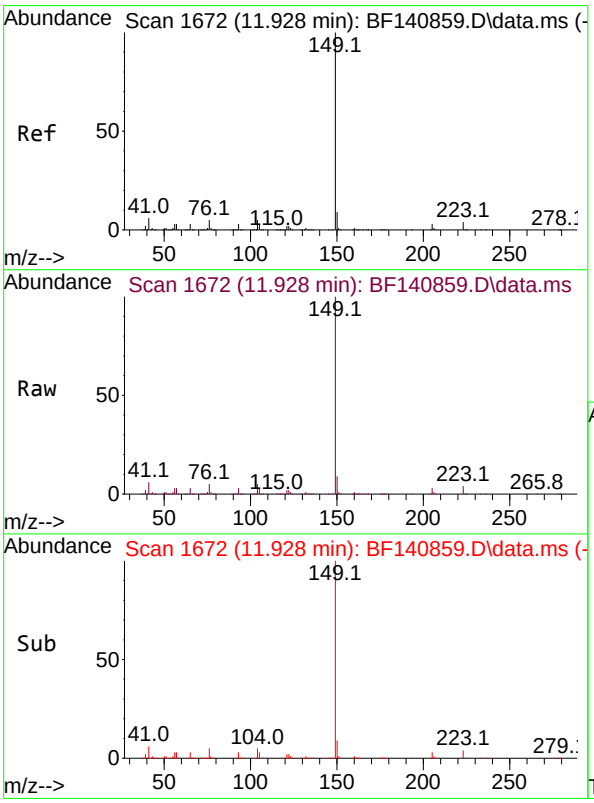
#73
Carbazole
Concen: 38.392 ng
RT: 11.610 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 689096

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.7	10.2	15.2

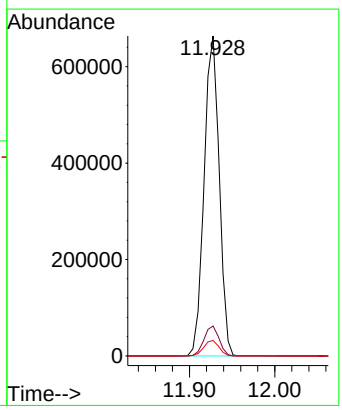


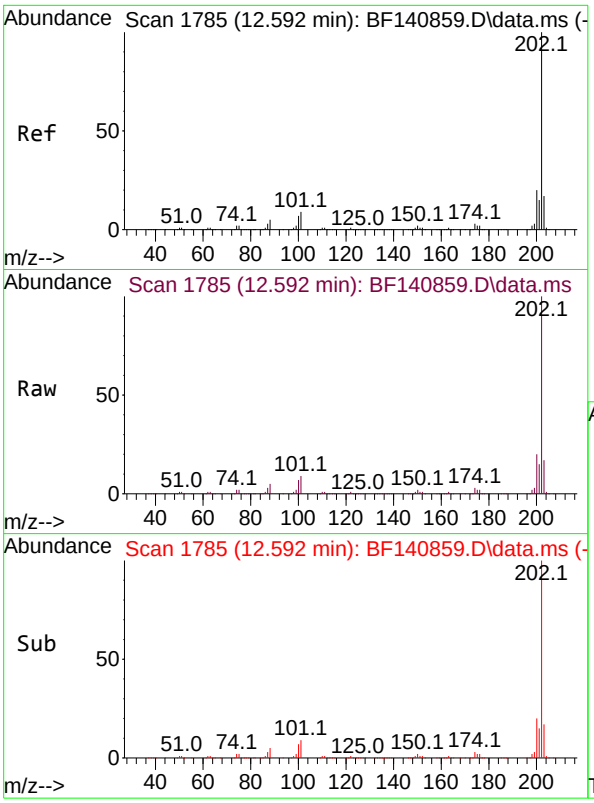


#74
Di-n-butylphthalate
Concen: 38.782 ng
RT: 11.928 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:149 Resp: 816942

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.8	3.8	5.8



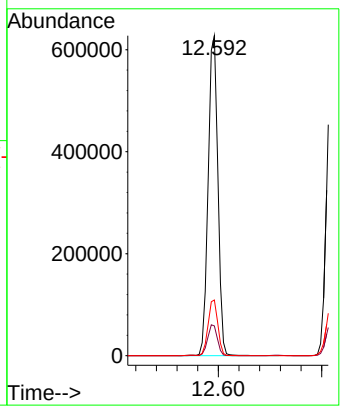


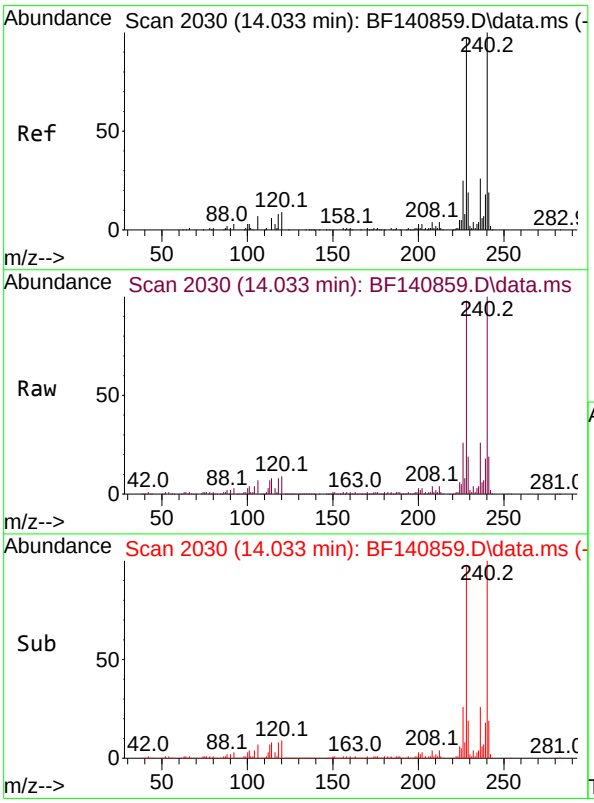
#75
Fluoranthene
Concen: 38.159 ng
RT: 12.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 817749

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.3
203	17.4	0.0	37.4

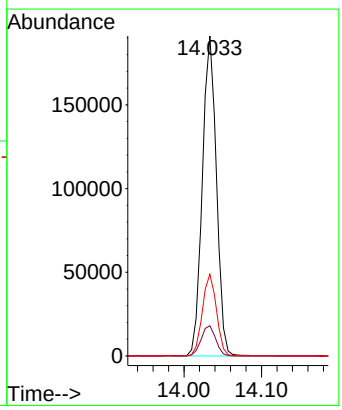


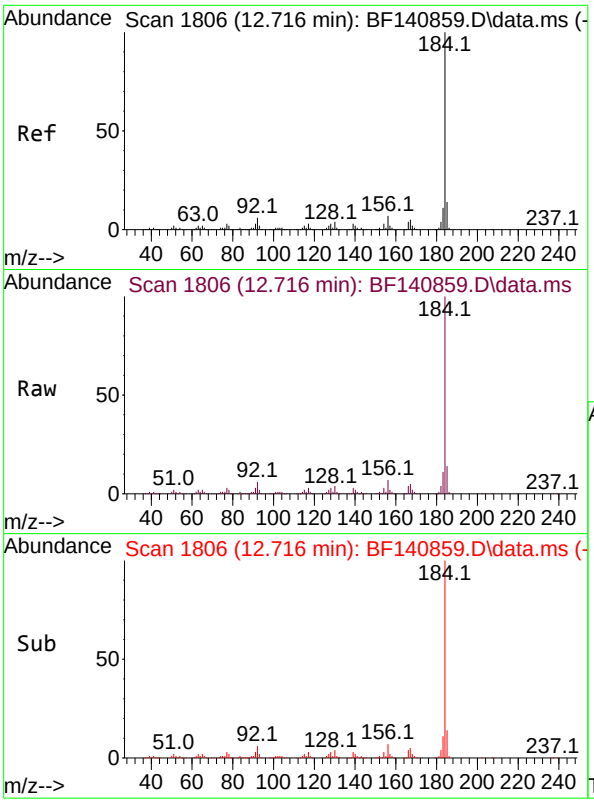


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:240 Resp: 241027

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.6	11.4
236	25.6	20.5	30.7



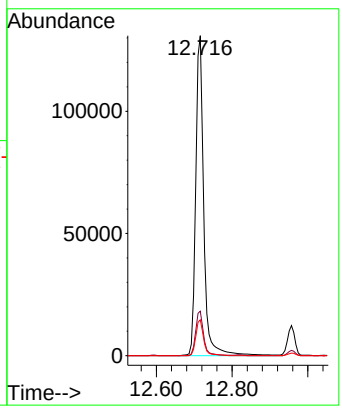


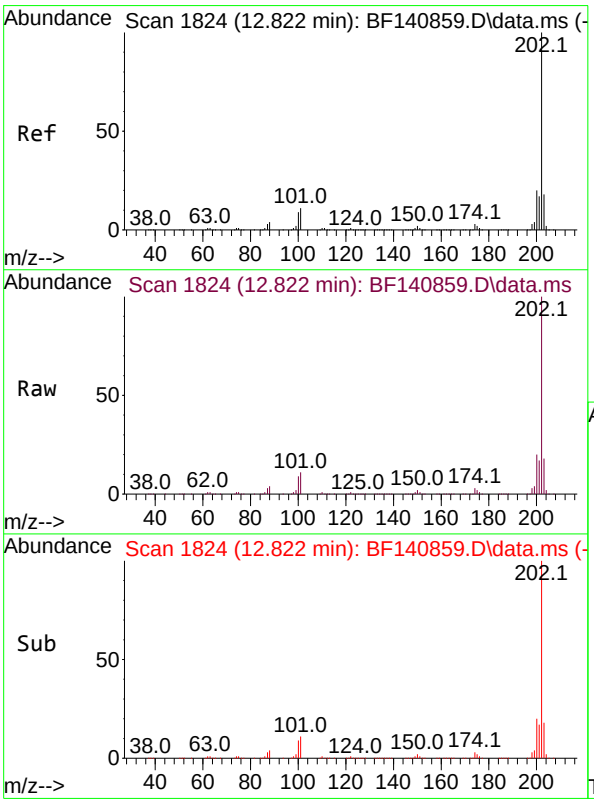
#77
Benzidine
Concen: 39.598 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 194791

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.1	16.7
183	11.2	9.0	13.4

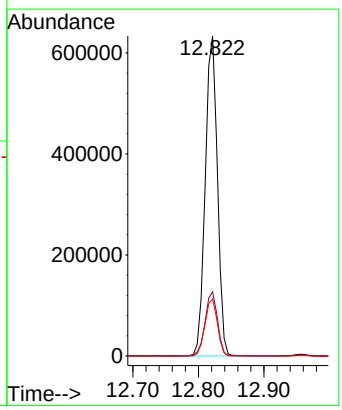


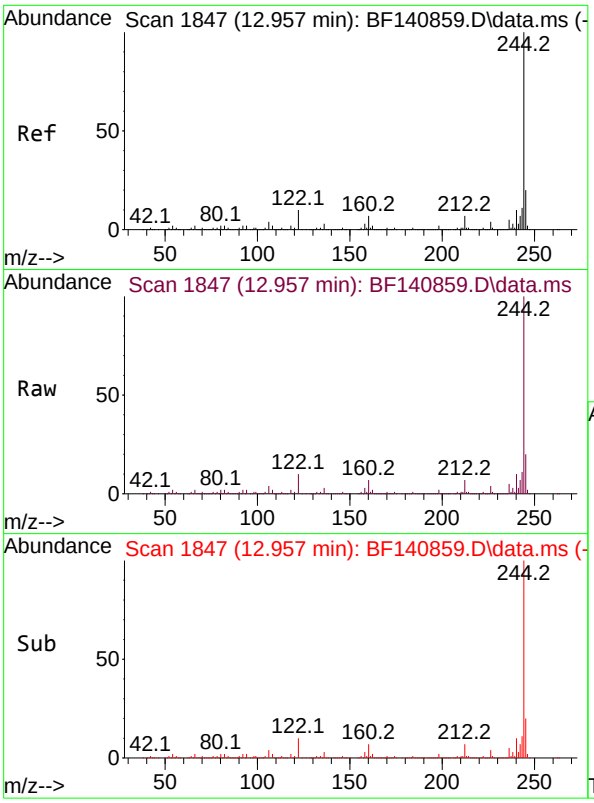


#78
Pyrene
Concen: 38.208 ng
RT: 12.822 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:202 Resp: 818937

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.8	14.2	21.4



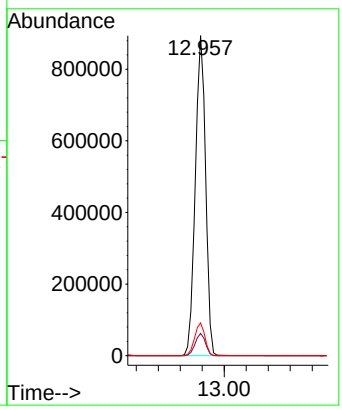


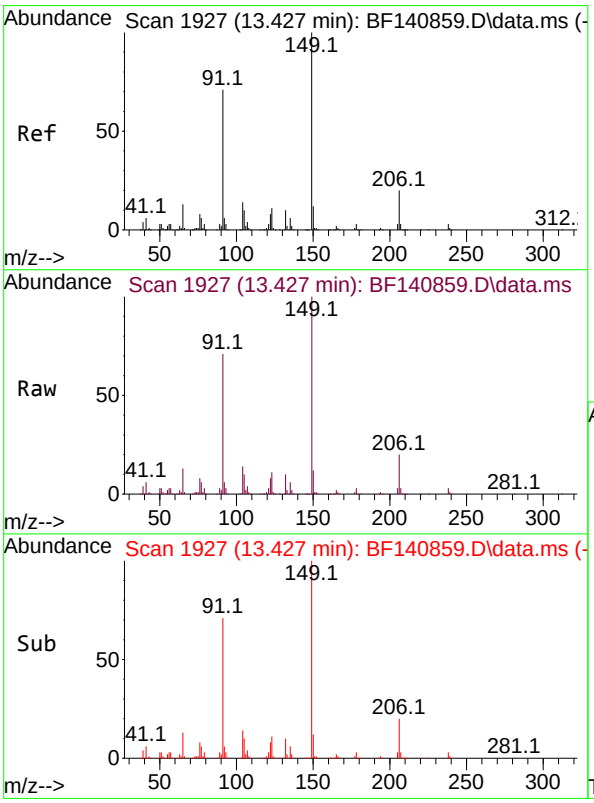
#79
Terphenyl-d14
Concen: 76.093 ng
RT: 12.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 1163098

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.2	8.2	12.2

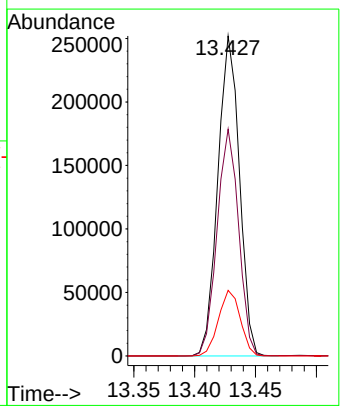


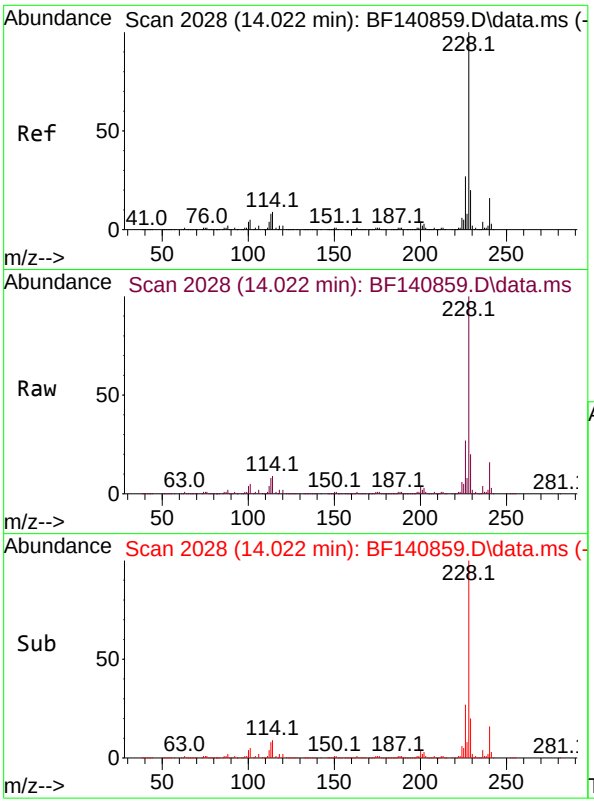


#80
Butylbenzylphthalate
Concen: 39.493 ng
RT: 13.427 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:149 Resp: 311465

Ion	Ratio	Lower	Upper
149	100		
91	70.9	56.7	85.1
206	20.5	16.4	24.6



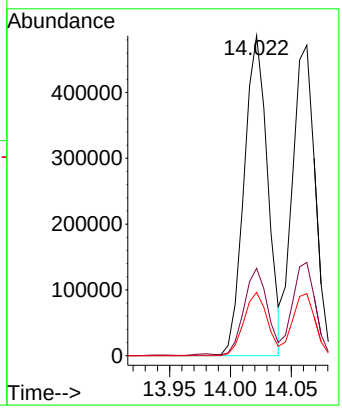


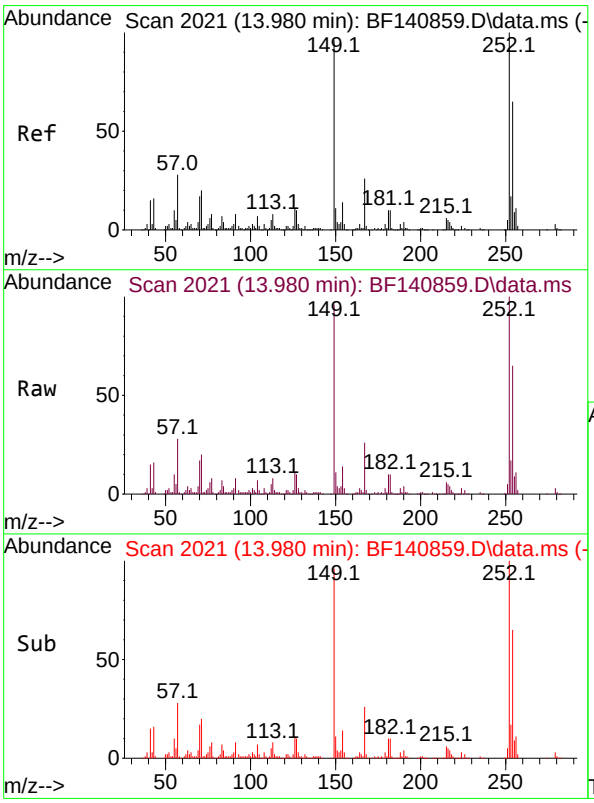
#81
Benzo(a)anthracene
Concen: 38.340 ng
RT: 14.022 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 654937

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.8	15.8	23.8

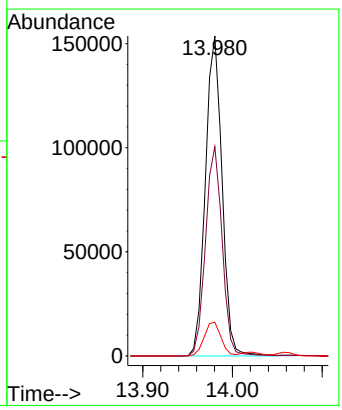


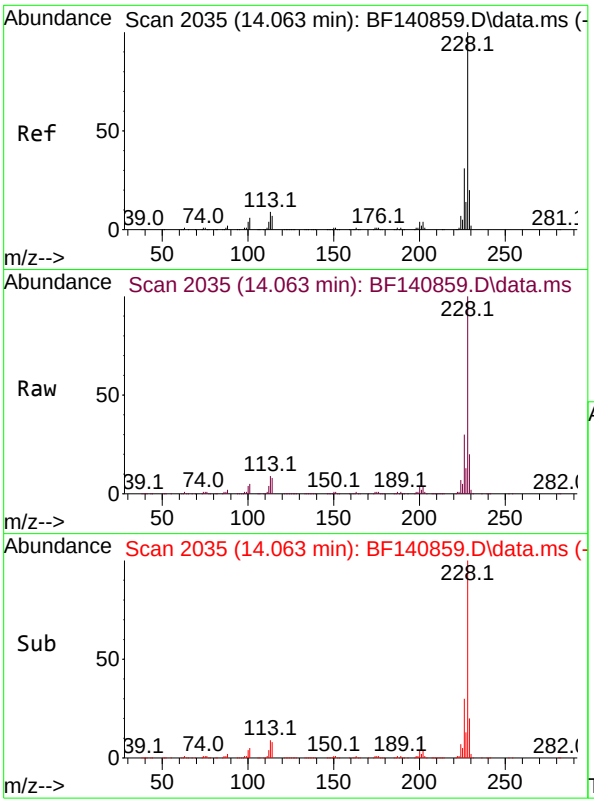


#82
3,3'-Dichlorobenzidine
Concen: 38.511 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:252 Resp: 198481

Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.3	78.5
126	10.5	8.4	12.6



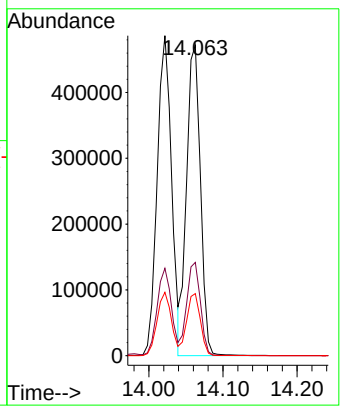


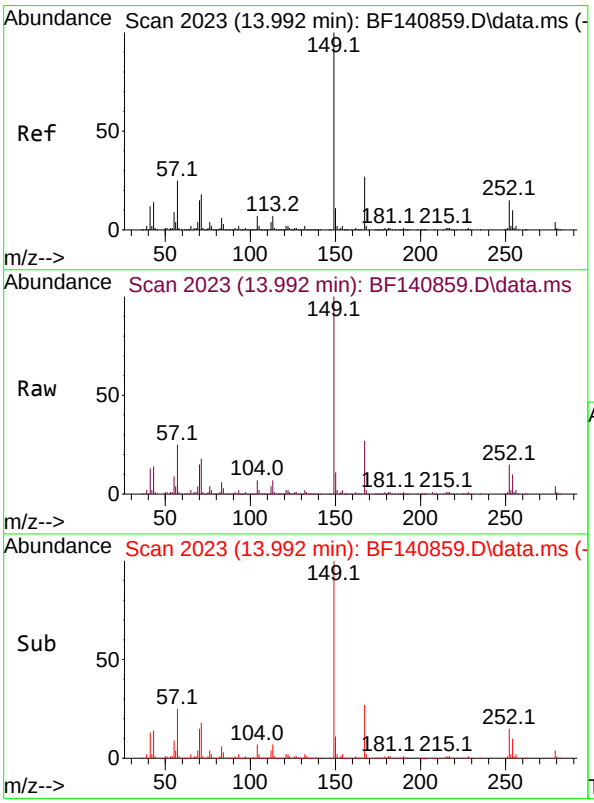
#83
Chrysene
Concen: 39.430 ng
RT: 14.063 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 612484

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	20.0	16.0	24.0

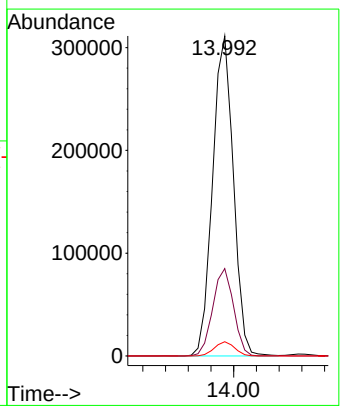


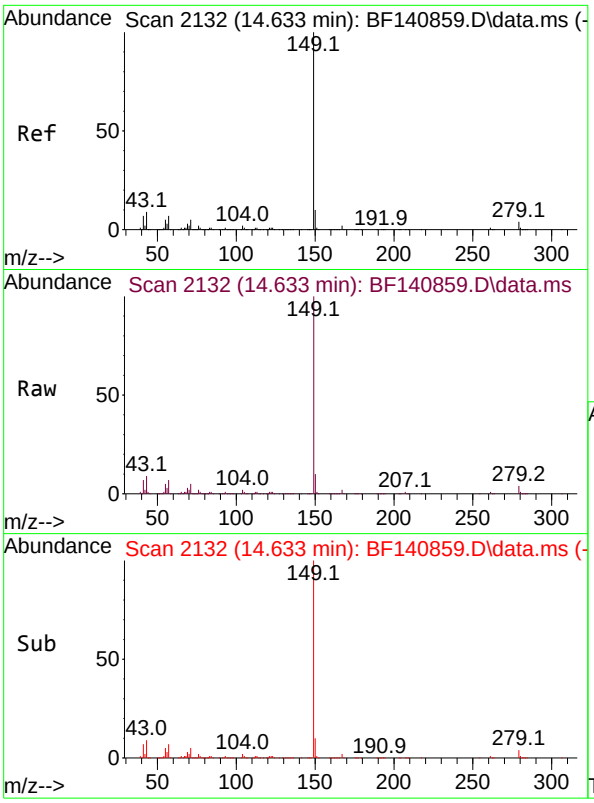


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.939 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:149 Resp: 395970

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.8
279	4.4	3.5	5.3



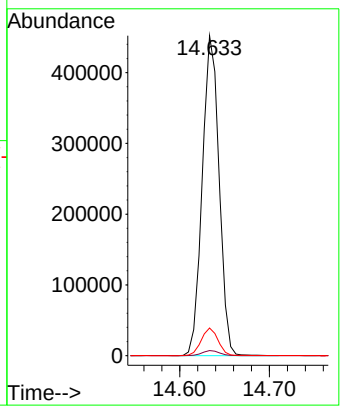


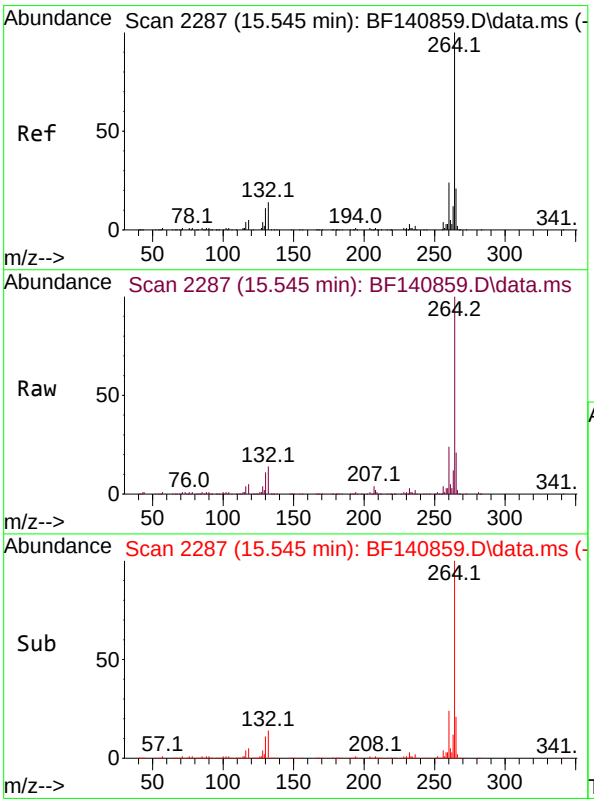
#85
Di-n-octyl phthalate
Concen: 38.326 ng
RT: 14.633 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 589634

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.8	7.0	10.6

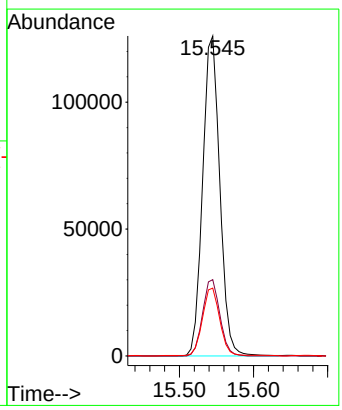


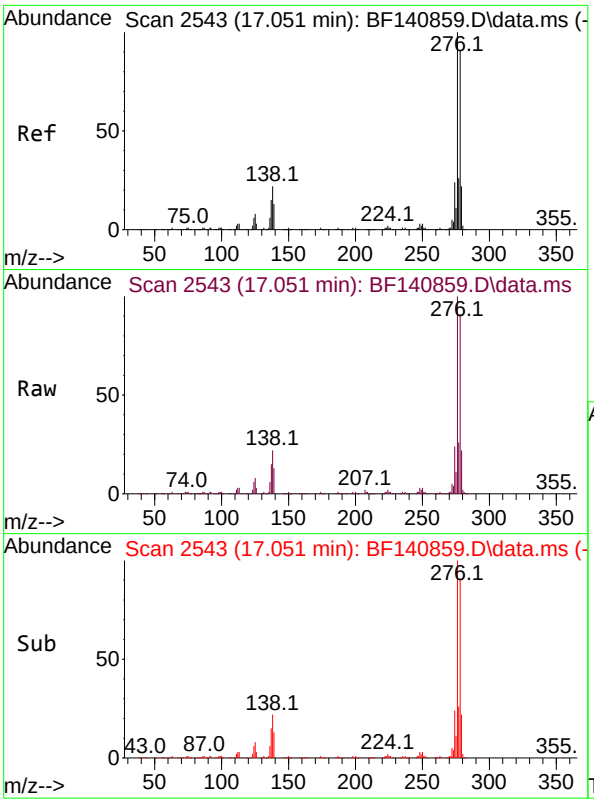


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:264 Resp: 202727

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.2	17.0	25.4



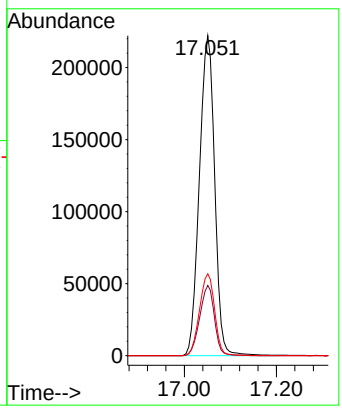


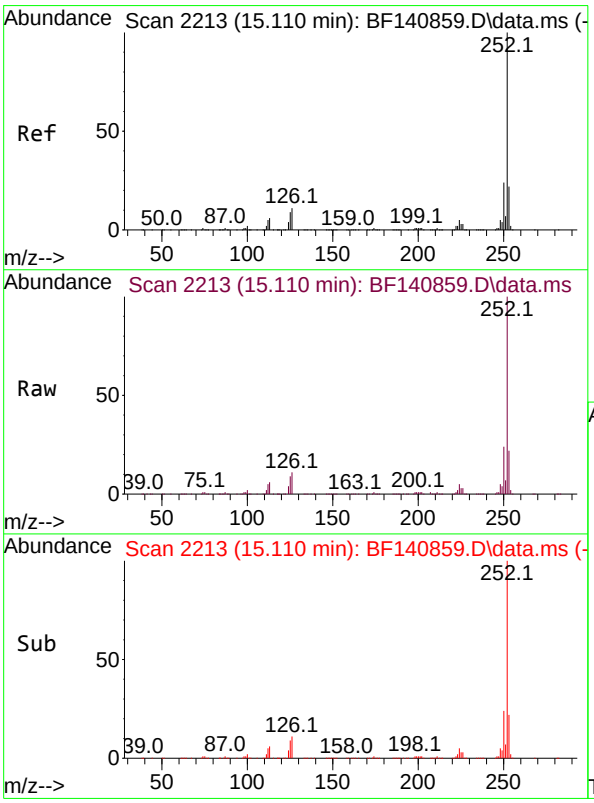
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.662 ng
RT: 17.051 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 514416

Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.9	25.3
277	25.3	20.2	30.4

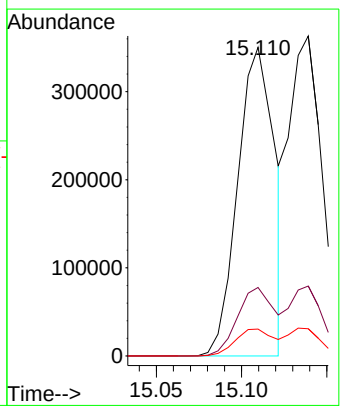


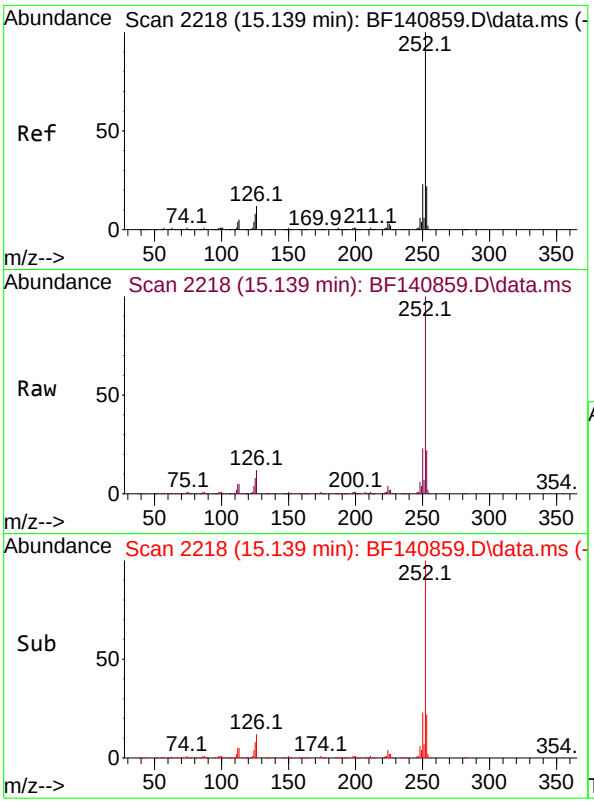


#88
Benzo(b)fluoranthene
Concen: 37.283 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:252 Resp: 524660

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.7	7.0	10.4



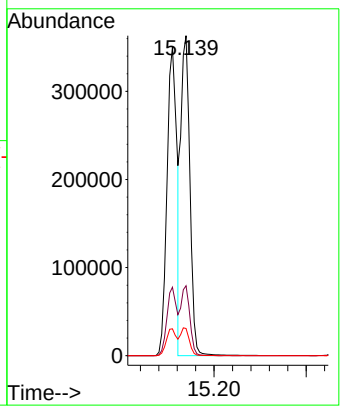


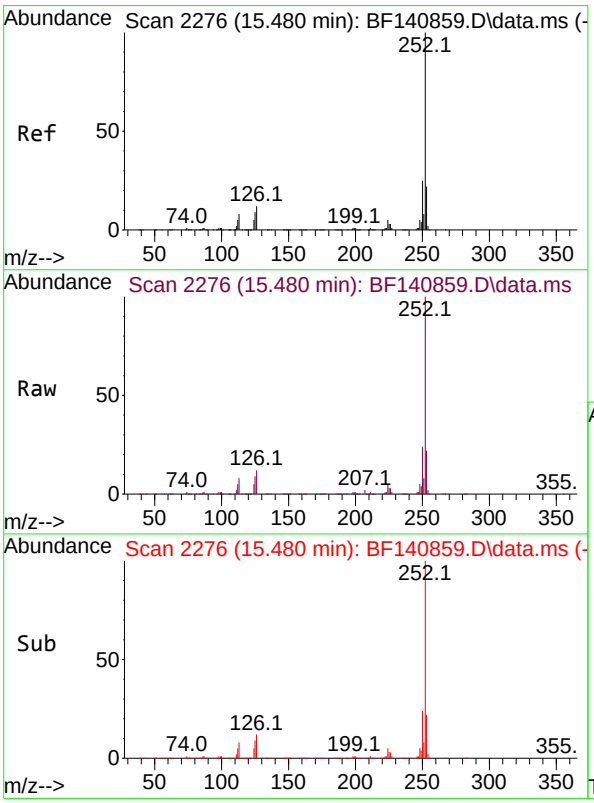
#89
Benzo(k)fluoranthene
Concen: 41.115 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 496310

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.5	6.8	10.2

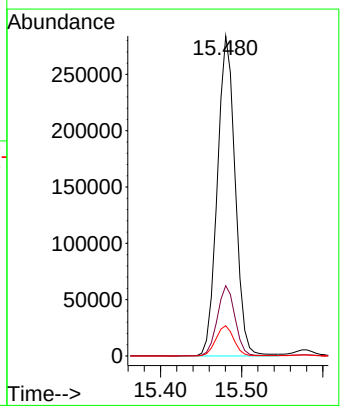


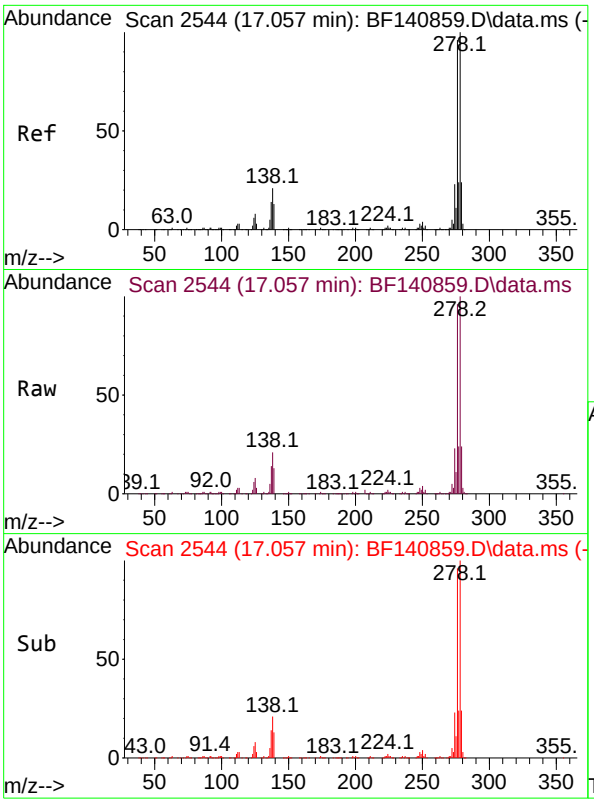


#90
Benzo(a)pyrene
Concen: 39.478 ng
RT: 15.480 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:252 Resp: 435015

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.4	7.5	11.3



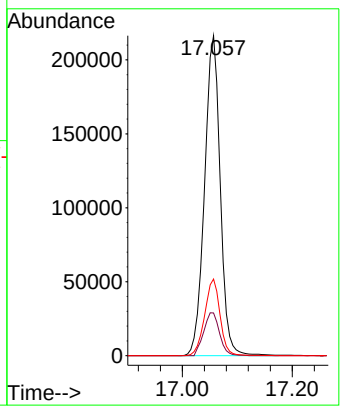


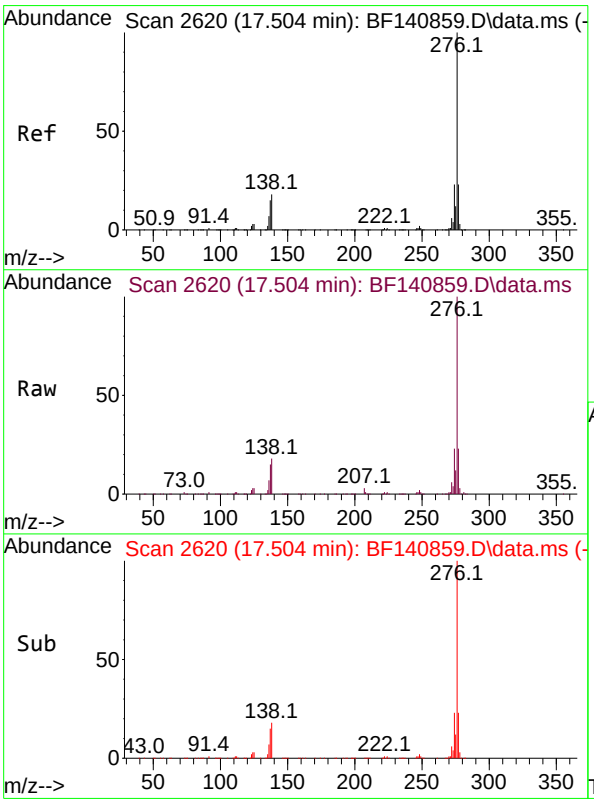
#91
Dibenzo(a,h)anthracene
Concen: 40.931 ng
RT: 17.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 428983

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.6	16.0
279	24.0	19.2	28.8

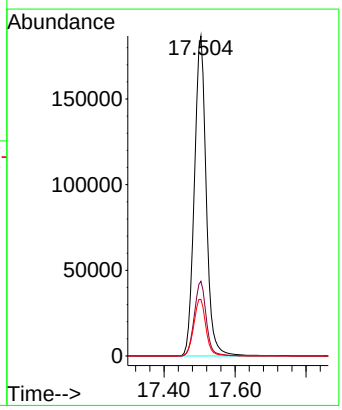




#92
Benzo(g,h,i)perylene
Concen: 40.771 ng
RT: 17.504 min Scan# 2620
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:276 Resp: 434898

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	17.7	14.2	21.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140860.D
Acq On : 16 Dec 2024 15:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Dec 16 16:50:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	76886	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	285955	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	172713	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	351718	20.000	ng	0.00
76) Chrysene-d12	14.033	240	231973	20.000	ng	0.00
86) Perylene-d12	15.527	264	225570	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	473230	101.322	ng	0.00
7) Phenol-d6	6.498	99	605803	97.928	ng	0.00
23) Nitrobenzene-d5	7.422	82	568078	99.392	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	202693	99.228	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1161315	92.444	ng	0.00
79) Terphenyl-d14	12.957	244	1405567	95.545	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	100045	49.730	ng	100
3) Pyridine	3.399	79	234673	50.370	ng	98
4) n-Nitrosodimethylamine	3.363	42	119432	50.851	ng	99
6) Aniline	6.522	93	262131	49.559	ng	90
8) 2-Chlorophenol	6.645	128	252311	49.538	ng	98
9) Benzaldehyde	6.410	77	158111	46.127	ng	99
10) Phenol	6.516	94	315876	49.267	ng	96
11) bis(2-Chloroethyl)ether	6.587	93	237699	49.712	ng	98
12) 1,3-Dichlorobenzene	6.792	146	287366	49.515	ng	98
13) 1,4-Dichlorobenzene	6.869	146	287394	48.784	ng	99
14) 1,2-Dichlorobenzene	7.022	146	269678	48.518	ng	98
15) Benzyl Alcohol	6.998	79	219795	49.692	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	276410	49.072	ng	94
17) 2-Methylphenol	7.116	107	199766	49.127	ng	99
18) Hexachloroethane	7.357	117	107131	48.849	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	180295	48.587	ng	99
20) 3+4-Methylphenols	7.269	107	261470	48.491	ng	94
22) Acetophenone	7.263	105	354645	49.578	ng	99
24) Nitrobenzene	7.439	77	291463	49.777	ng	99
25) Isophorone	7.675	82	474812	49.580	ng	99
26) 2-Nitrophenol	7.751	139	136187	50.500	ng	98
27) 2,4-Dimethylphenol	7.792	122	156314	49.632	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	299078	50.002	ng	99
29) 2,4-Dichlorophenol	7.998	162	215069	49.463	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	244191	48.990	ng	98
31) Naphthalene	8.151	128	779270	49.610	ng	100
32) Benzoic acid	7.951	122	157548	52.746	ng	100
33) 4-Chloroaniline	8.210	127	255688	49.011	ng	99
34) Hexachlorobutadiene	8.263	225	166884	49.763	ng	99
35) Caprolactam	8.592	113	63631	49.156	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	237414	48.512	ng	98
37) 2-Methylnaphthalene	8.839	142	500202	48.139	ng	100
38) 1-Methylnaphthalene	8.939	142	490420	47.724	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	248636	46.837	ng	99
41) Hexachlorocyclopentadiene	8.992	237	70543	50.029	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	154361	47.487	ng	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140860.D
Acq On : 16 Dec 2024 15:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Dec 16 16:50:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.181	196	170411	47.697 ng	99
46)	1,1'-Biphenyl	9.304	154	631768	46.001 ng	99
47)	2-Chloronaphthalene	9.333	162	485339	46.194 ng	98
48)	2-Nitroaniline	9.439	65	147104	46.359 ng	96
49)	Acenaphthylene	9.745	152	732431	47.437 ng	100
50)	Dimethylphthalate	9.610	163	564903	46.392 ng	99
51)	2,6-Dinitrotoluene	9.680	165	130941	47.039 ng	97
52)	Acenaphthene	9.922	154	475150	48.175 ng	100
53)	3-Nitroaniline	9.851	138	140148	50.732 ng	99
54)	2,4-Dinitrophenol	9.969	184	62738	48.955 ng	99
55)	Dibenzofuran	10.092	168	736252	48.174 ng	100
56)	4-Nitrophenol	10.033	139	72965	50.818 ng	96
57)	2,4-Dinitrotoluene	10.086	165	181952	49.679 ng	99
58)	Fluorene	10.433	166	617054	48.940 ng	99
59)	2,3,4,6-Tetrachlorophenol	10.216	232	153671	52.784 ng	100
60)	Diethylphthalate	10.304	149	624564	49.463 ng	99
61)	4-Chlorophenyl-phenyle...	10.422	204	313978	49.574 ng	99
62)	4-Nitroaniline	10.469	138	148255	51.356 ng	99
63)	Azobenzene	10.586	77	586556	49.412 ng	99
65)	4,6-Dinitro-2-methylph...	10.504	198	103510	51.936 ng	98
66)	n-Nitrosodiphenylamine	10.545	169	520491	48.132 ng	100
67)	4-Bromophenyl-phenylether	10.916	248	188429	47.888 ng	97
68)	Hexachlorobenzene	10.986	284	215259	48.252 ng	99
69)	Atrazine	11.075	200	134376	44.493 ng	99
70)	Pentachlorophenol	11.192	266	89834	55.046 ng	99
71)	Phenanthrene	11.398	178	868333	48.009 ng	99
72)	Anthracene	11.451	178	860045	48.285 ng	99
73)	Carbazole	11.610	167	854710	48.990 ng	99
74)	Di-n-butylphthalate	11.927	149	1041587	50.870 ng	100
75)	Fluoranthene	12.592	202	1000374	48.026 ng	99
77)	Benzidine	12.716	184	285677	60.340 ng	99
78)	Pyrene	12.821	202	1021434	49.516 ng	100
80)	Butylbenzylphthalate	13.427	149	389705	51.343 ng	99
81)	Benzo(a)anthracene	14.015	228	804868	48.956 ng	100
82)	3,3'-Dichlorobenzidine	13.974	252	250344	50.470 ng	99
83)	Chrysene	14.057	228	727490	48.661 ng	100
84)	Bis(2-ethylhexyl)phtha...	13.986	149	495633	50.642 ng	100
85)	Di-n-octyl phthalate	14.621	149	777794	52.530 ng	100
87)	Indeno(1,2,3-cd)pyrene	17.039	276	625642	44.446 ng	99
88)	Benzo(b)fluoranthene	15.098	252	712222	45.486 ng	99
89)	Benzo(k)fluoranthene	15.127	252	644153	47.959 ng	99
90)	Benzo(a)pyrene	15.468	252	595306	48.554 ng	99
91)	Dibenzo(a,h)anthracene	17.039	278	517904	44.411 ng	99
92)	Benzo(g,h,i)perylene	17.486	276	532268	44.846 ng	99

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

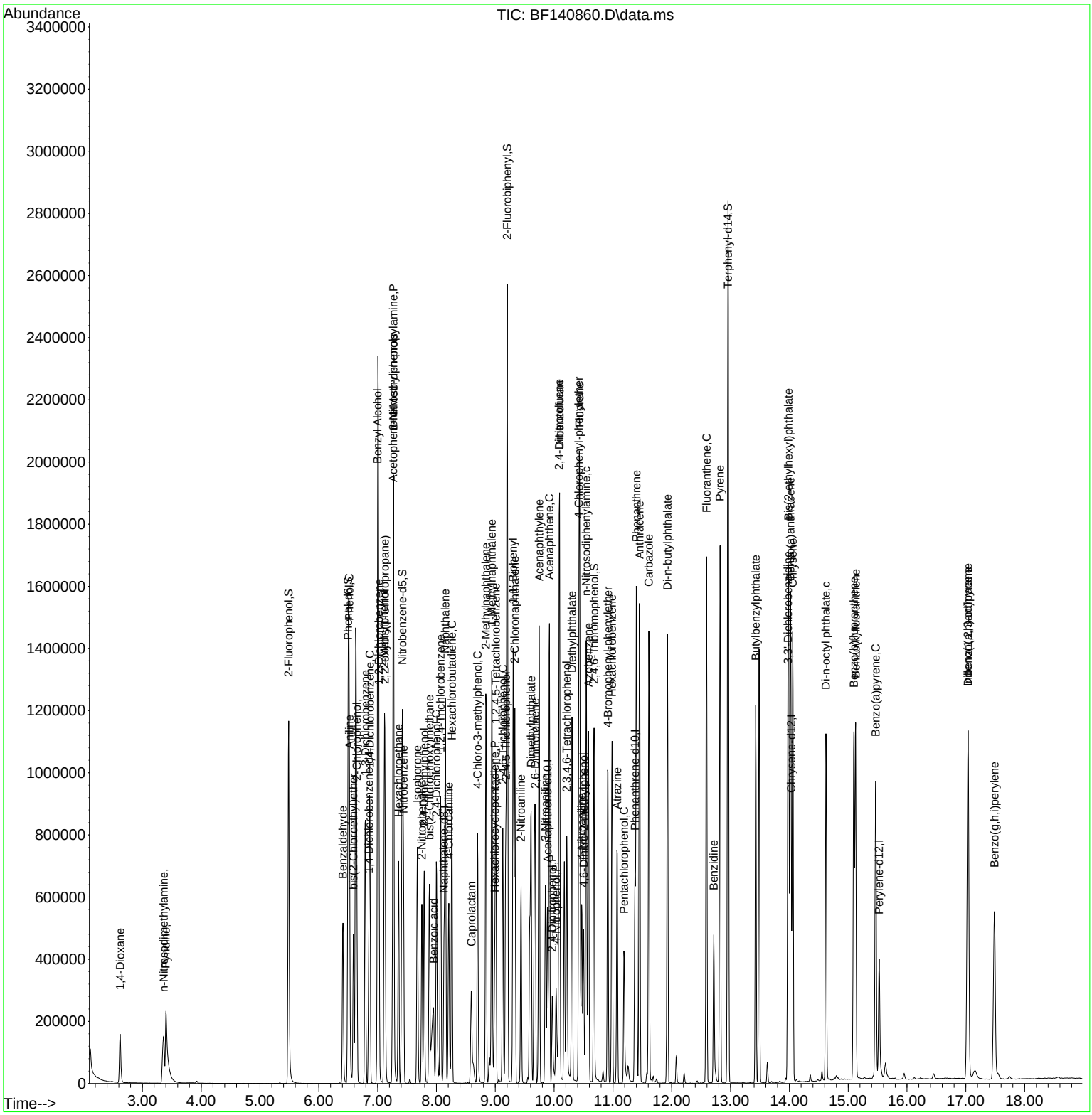
Quantitation Report (QT Reviewed)

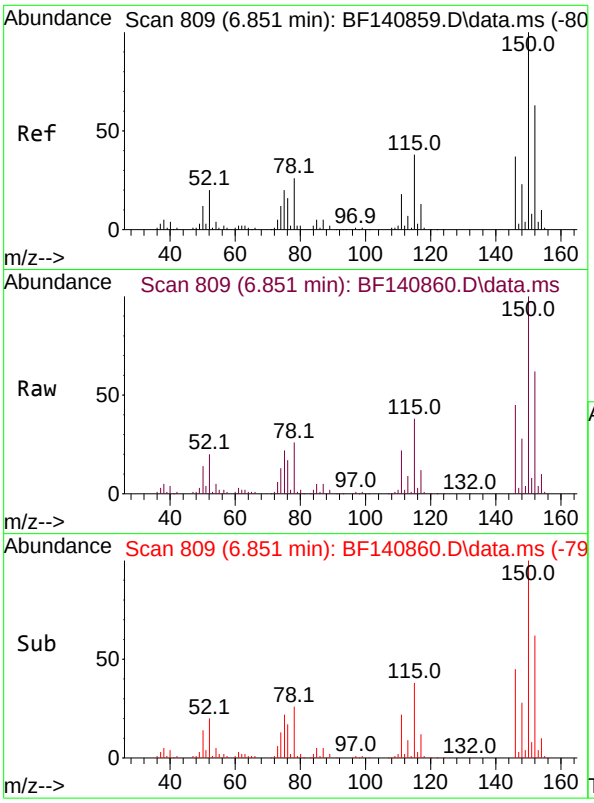
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140860.D
Acq On : 16 Dec 2024 15:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Dec 16 16:50:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



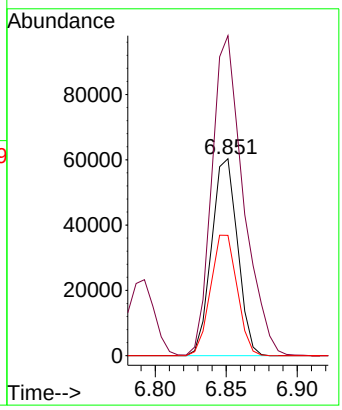


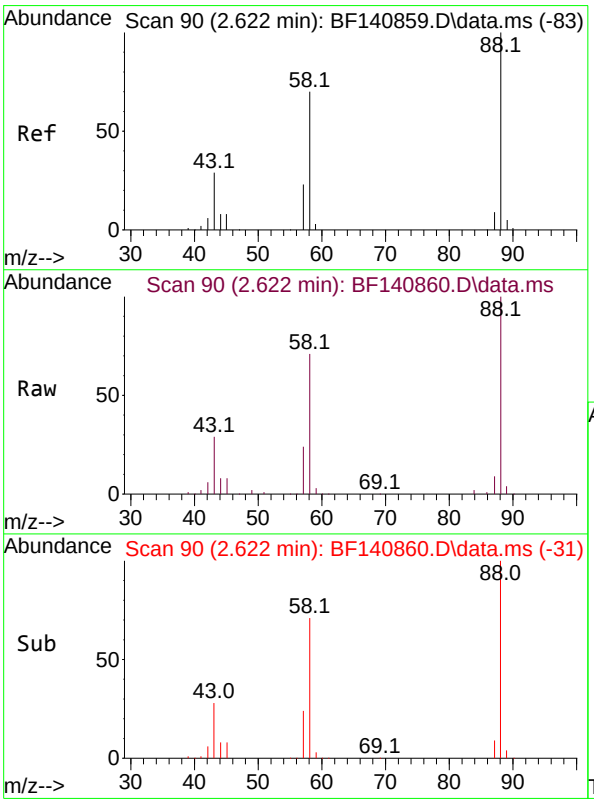
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 76886

Ion	Ratio	Lower	Upper
152	100		
150	162.5	127.9	191.9
115	61.1	48.0	72.0

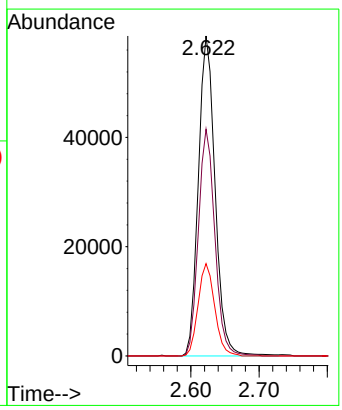


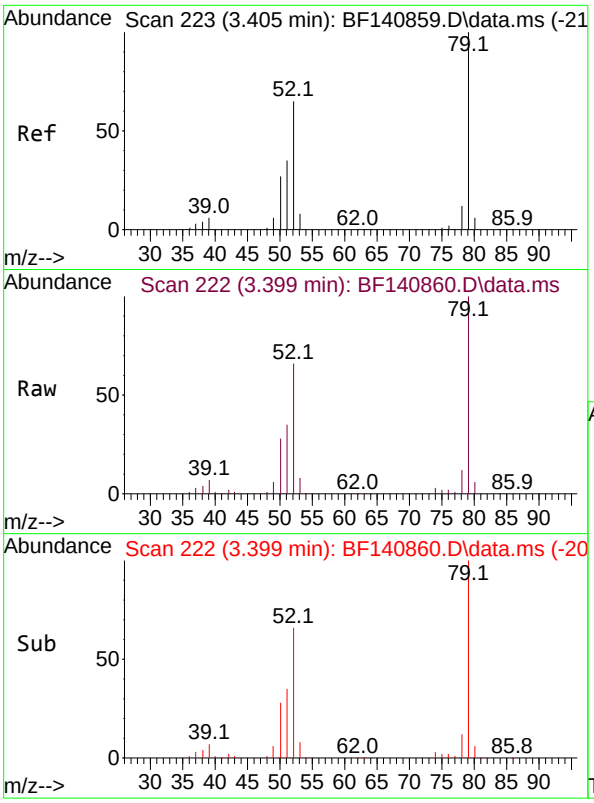


#2
1,4-Dioxane
Concen: 49.730 ng
RT: 2.622 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion: 88 Resp: 100045

Ion	Ratio	Lower	Upper
88	100		
58	69.7	55.8	83.8
43	28.5	22.7	34.1



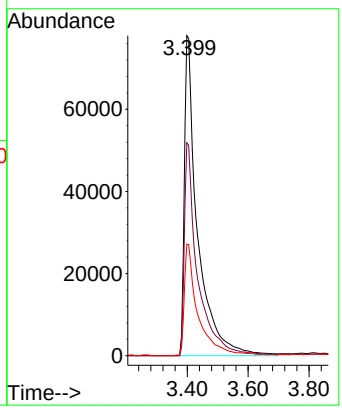


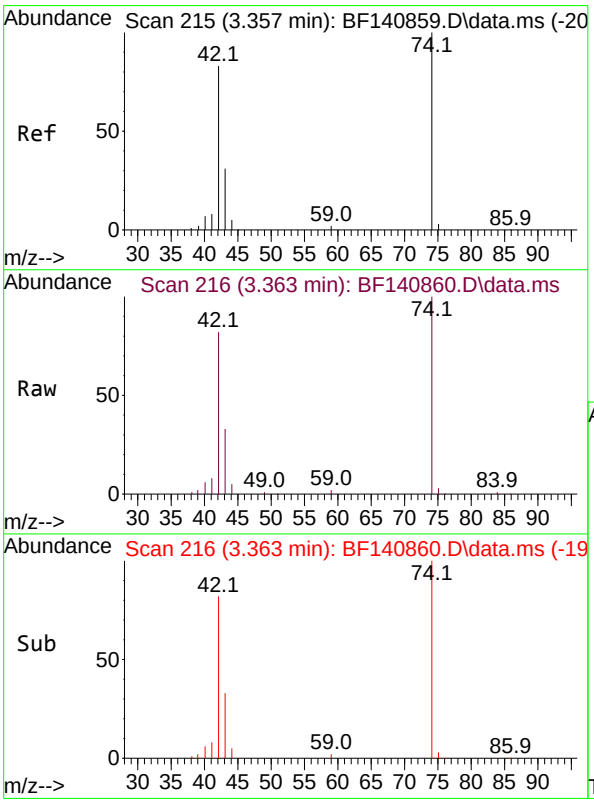
#3
Pyridine
Concen: 50.370 ng
RT: 3.399 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 234673

Ion	Ratio	Lower	Upper
79	100		
52	66.5	51.7	77.5
51	34.9	28.2	42.4

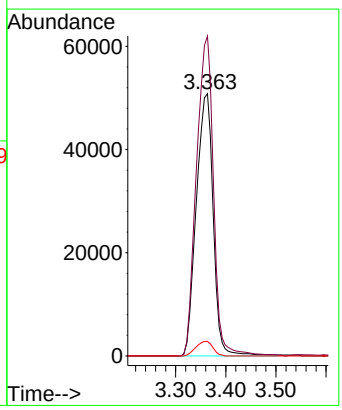


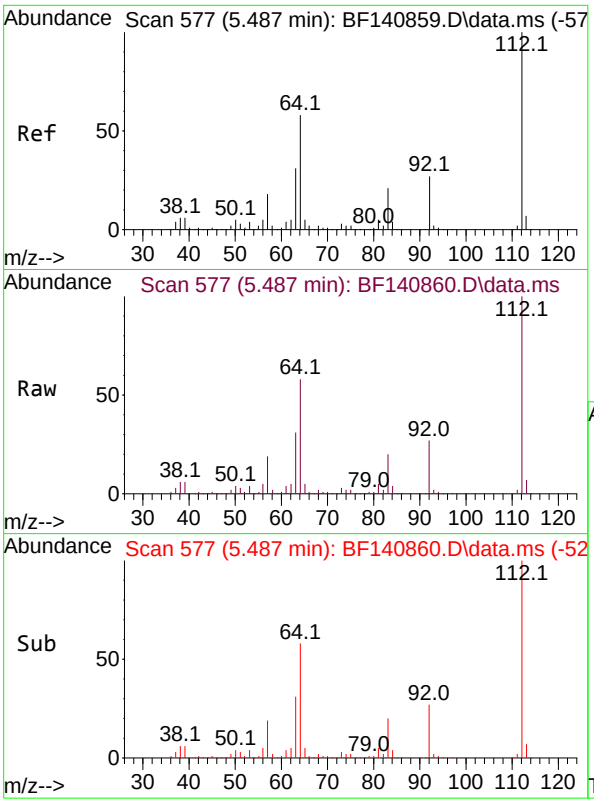


#4
n-Nitrosodimethylamine
Concen: 50.851 ng
RT: 3.363 min Scan# 216
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion: 42 Resp: 119432

Ion	Ratio	Lower	Upper
42	100		
74	122.0	96.9	145.3
44	5.5	4.4	6.6



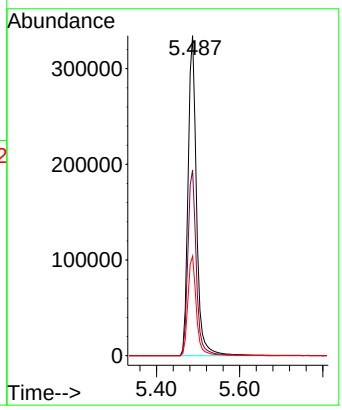


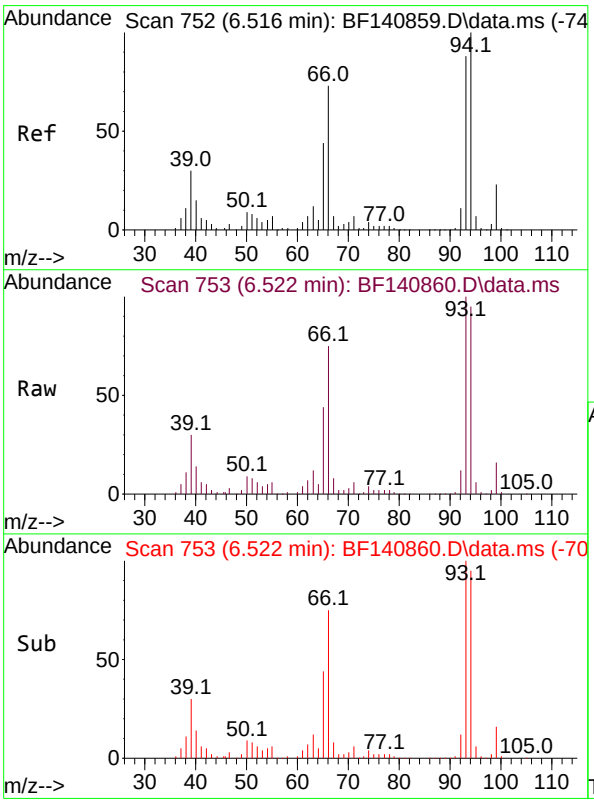
#5
2-Fluorophenol
Concen: 101.322 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 473230

Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.1	69.1
63	31.1	24.9	37.3

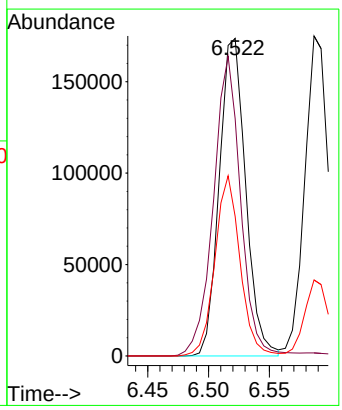


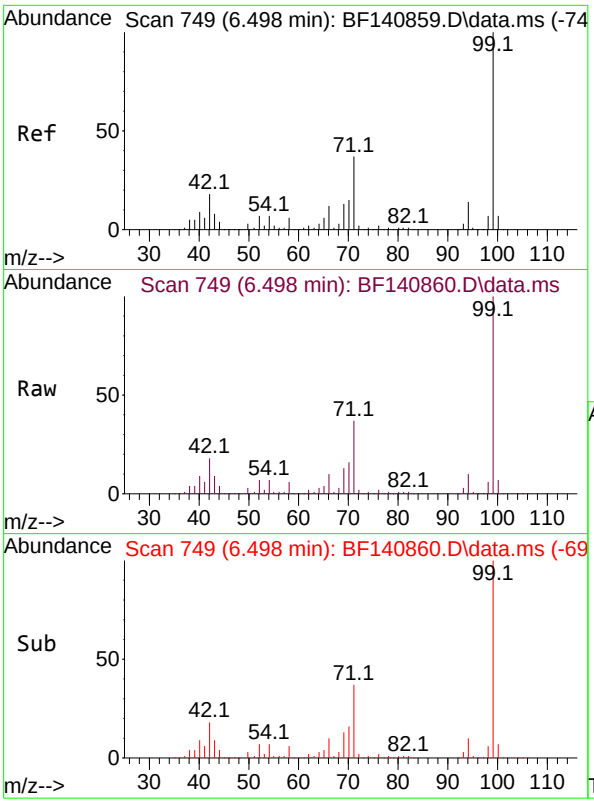


#6
Aniline
Concen: 49.559 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion: 93 Resp: 262131

Ion	Ratio	Lower	Upper
93	100		
66	74.7	67.0	100.4
65	43.9	40.4	60.6



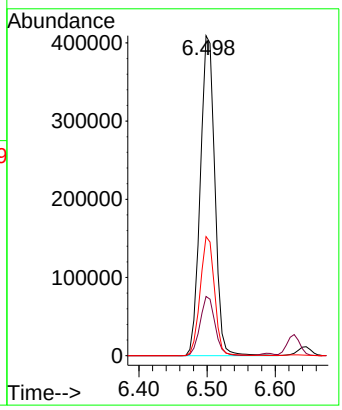


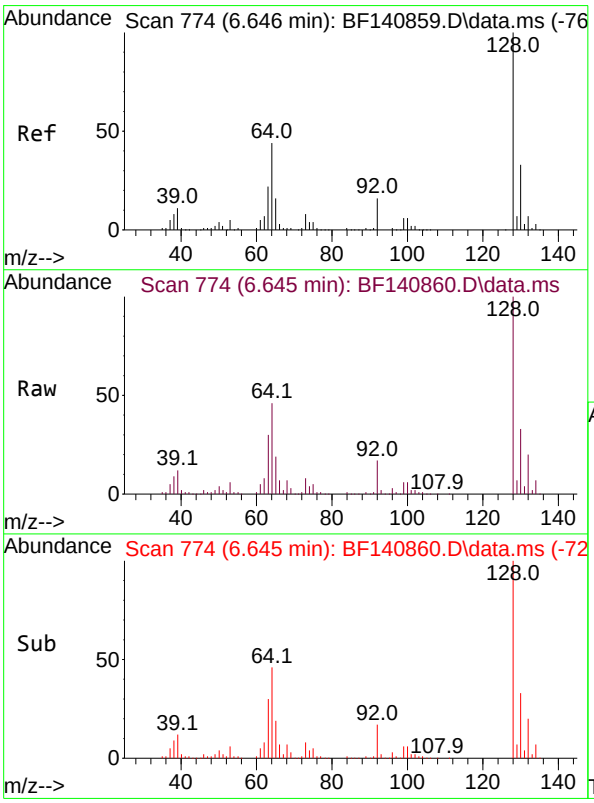
#7
Phenol-d6
Concen: 97.928 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 605803

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.3	21.5
71	37.2	29.9	44.9

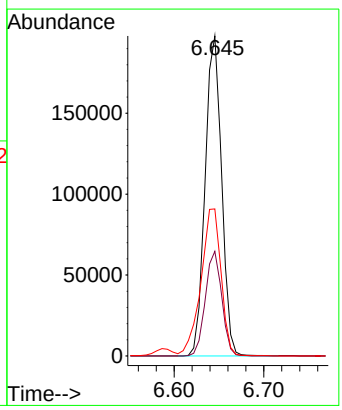


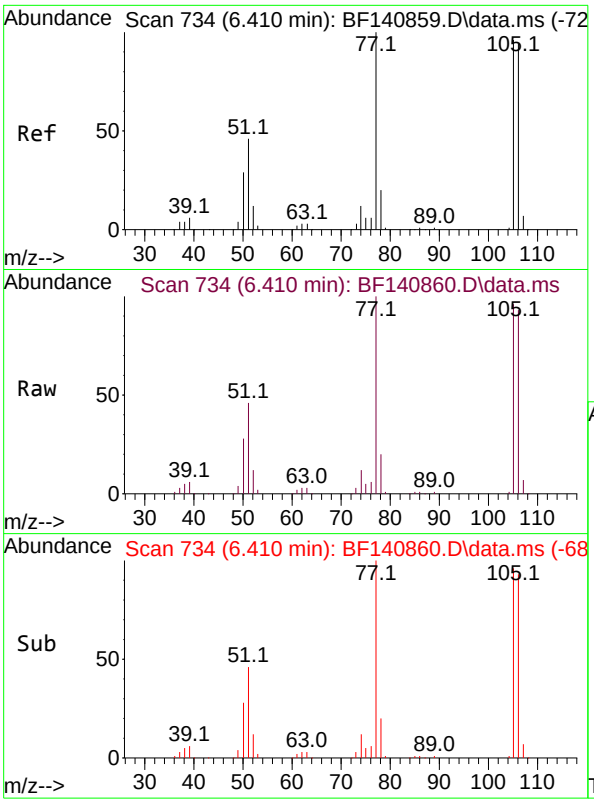


#8
2-Chlorophenol
Concen: 49.538 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:128 Resp: 252311

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	45.9	24.3	64.3



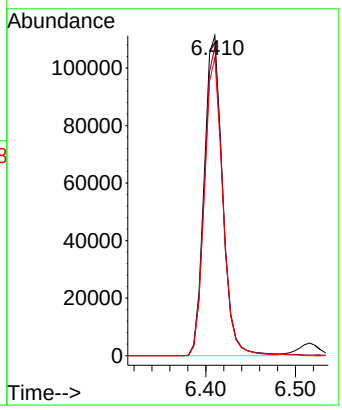


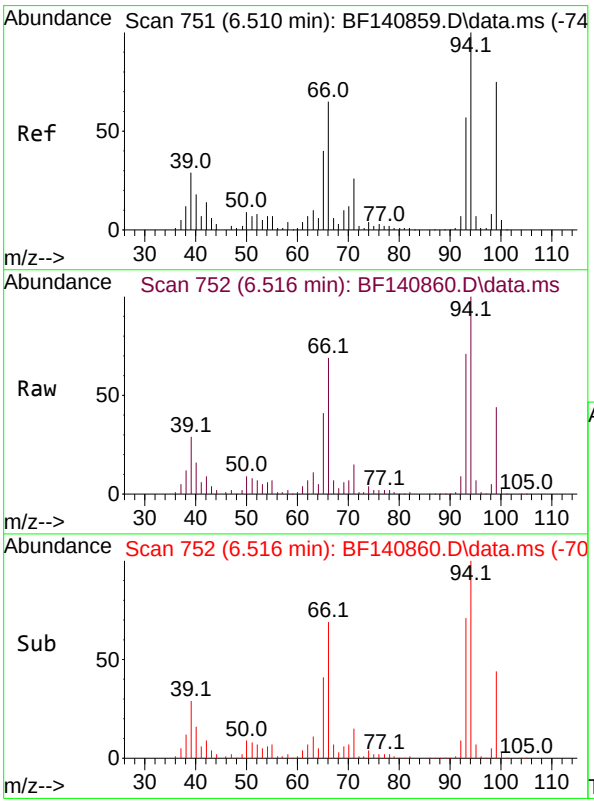
#9
Benzaldehyde
Concen: 46.127 ng
RT: 6.410 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 158111

Ion	Ratio	Lower	Upper
77	100		
105	96.4	75.8	115.8
106	93.2	74.1	114.1

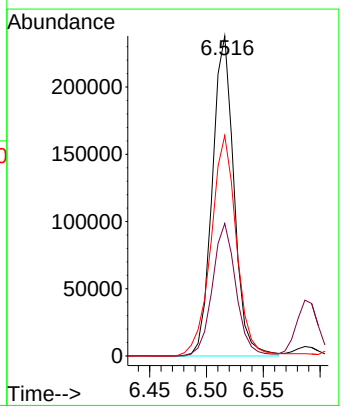


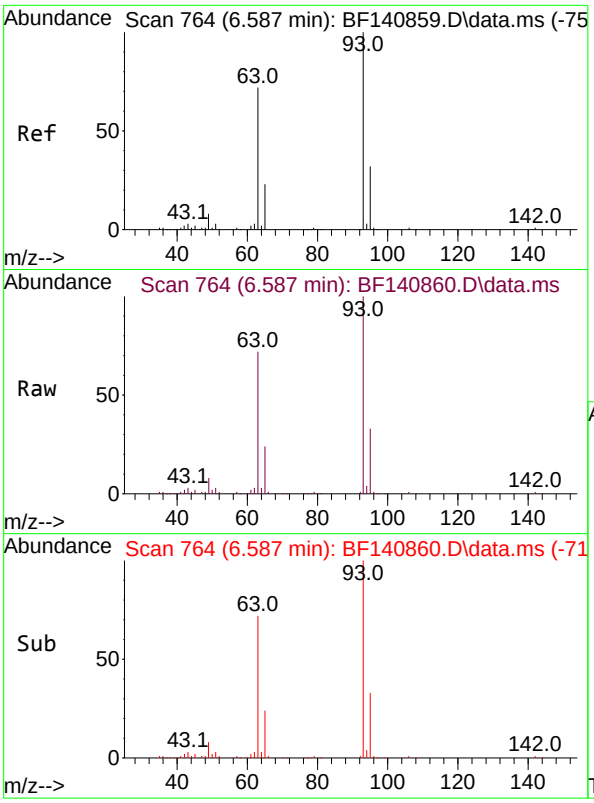


#10
Phenol
Concen: 49.267 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion: 94 Resp: 315876

Ion	Ratio	Lower	Upper
94	100		
65	41.4	19.9	59.9
66	68.9	45.6	85.6



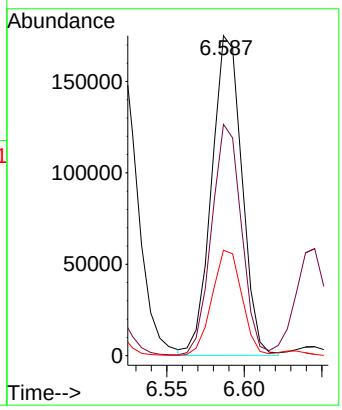


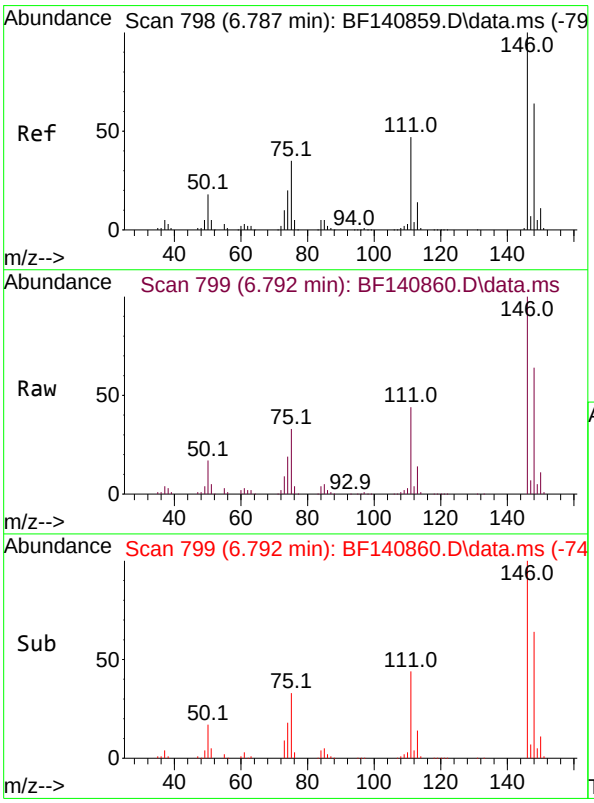
#11
bis(2-Chloroethyl)ether
Concen: 49.712 ng
RT: 6.587 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 237699

Ion	Ratio	Lower	Upper
93	100		
63	72.3	51.0	91.0
95	32.9	12.0	52.0

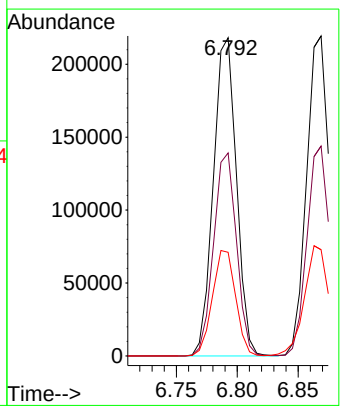


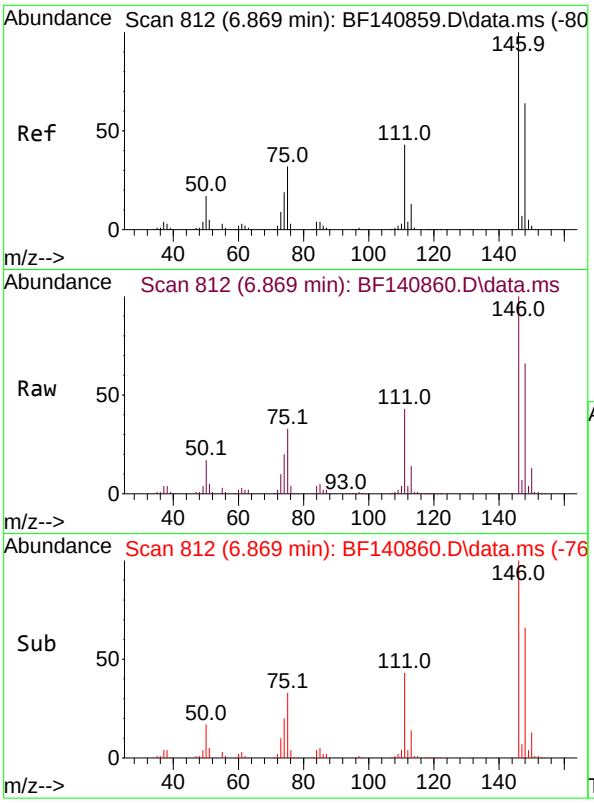


#12
1,3-Dichlorobenzene
Concen: 49.515 ng
RT: 6.792 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:146 Resp: 287366

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
75	32.6	28.1	42.1



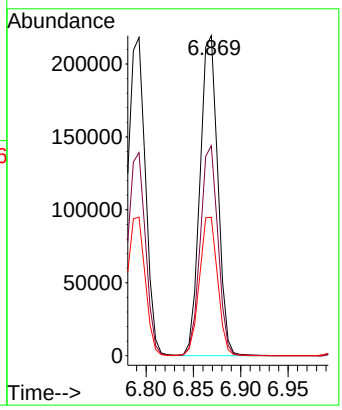


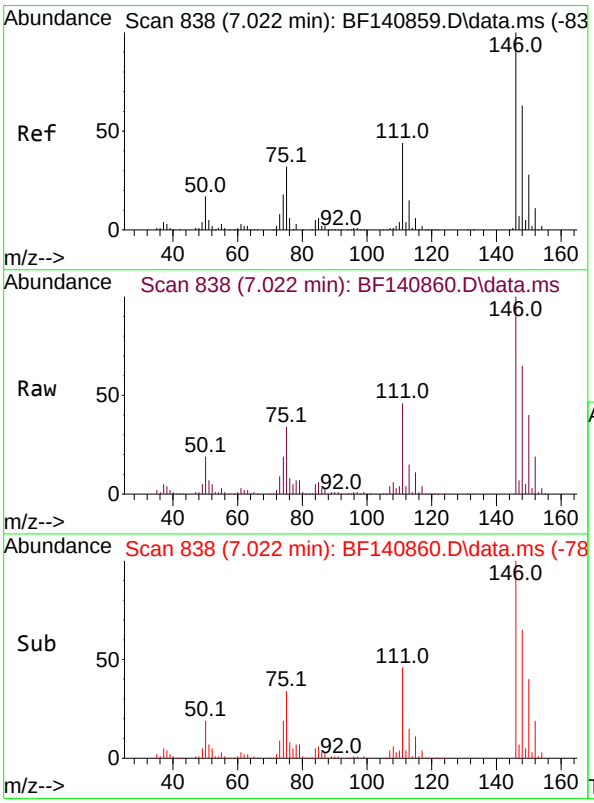
#13
1,4-Dichlorobenzene
Concen: 48.784 ng
RT: 6.869 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 287394

Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.3	76.9
111	43.3	34.4	51.6

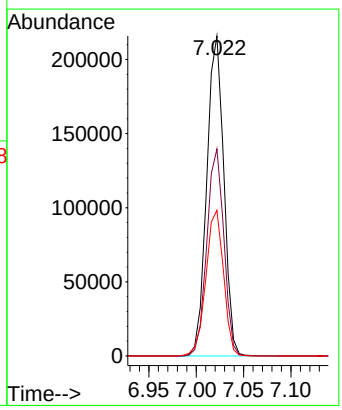


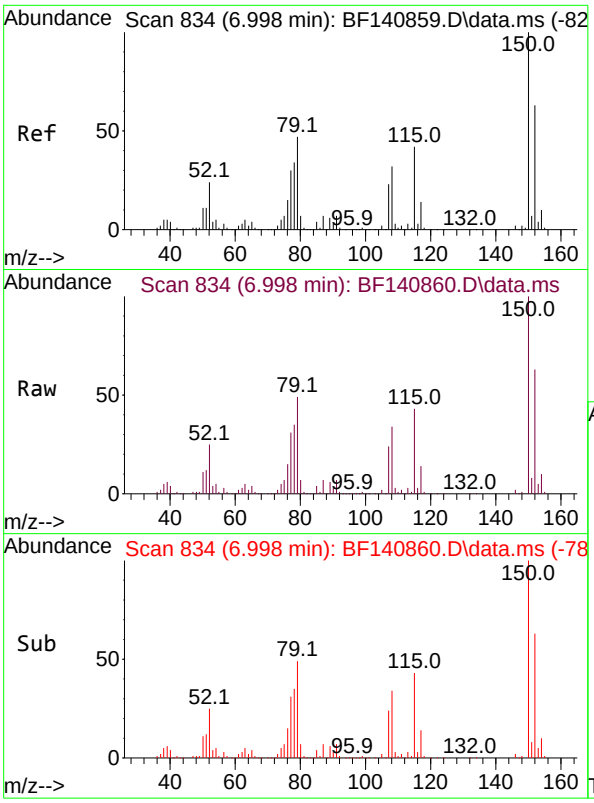


#14
1,2-Dichlorobenzene
Concen: 48.518 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:146 Resp: 269678

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.0	75.0
111	45.5	35.6	53.4



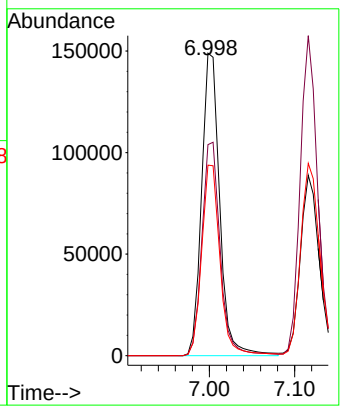


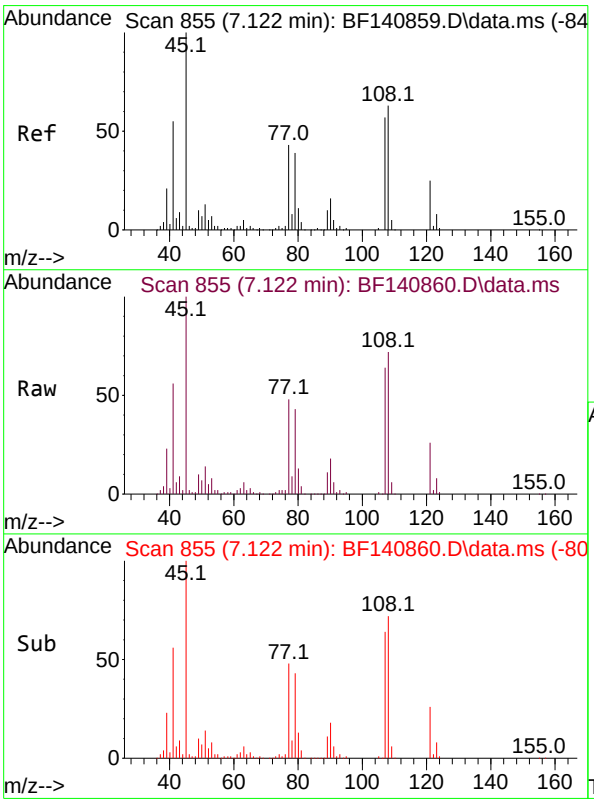
#15
Benzyl Alcohol
Concen: 49.692 ng
RT: 6.998 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 219795

Ion	Ratio	Lower	Upper
79	100		
108	69.7	55.1	82.7
77	63.0	50.6	76.0

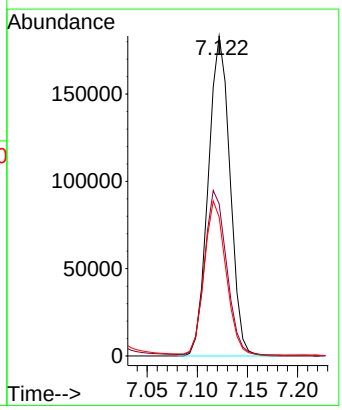


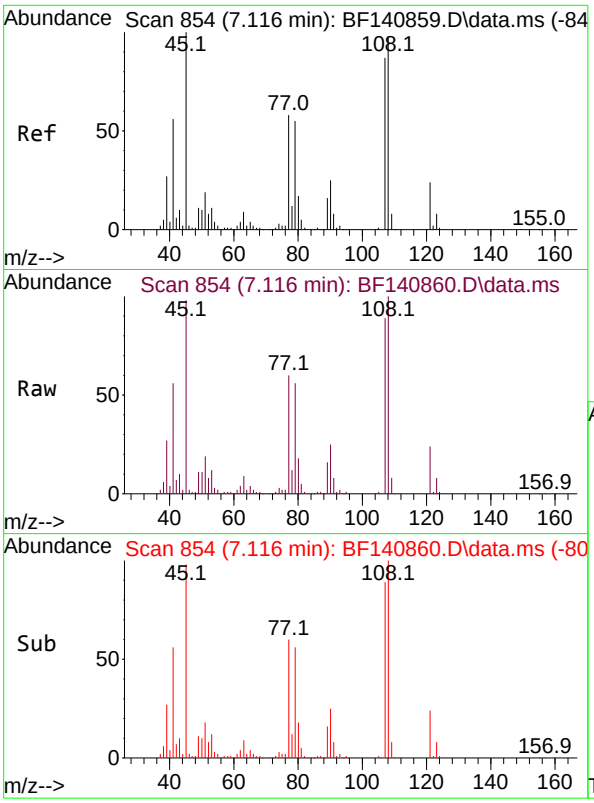


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.072 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion: 45 Resp: 276410

Ion	Ratio	Lower	Upper
45	100		
77	47.6	23.3	63.3
79	43.4	20.0	60.0



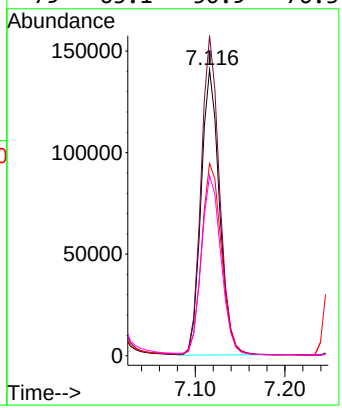


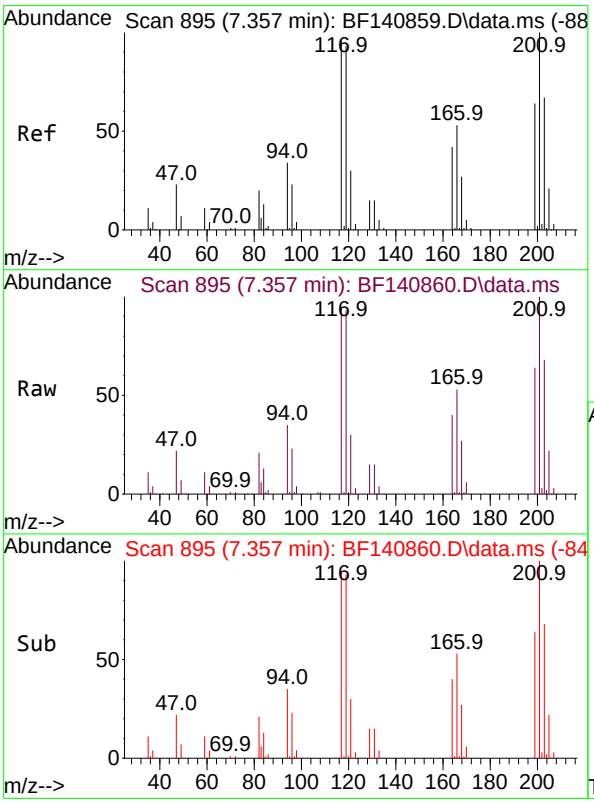
#17
2-Methylphenol
Concen: 49.127 ng
RT: 7.116 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 199766

Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.2	135.4
77	67.3	53.8	80.6
79	63.1	50.9	76.3

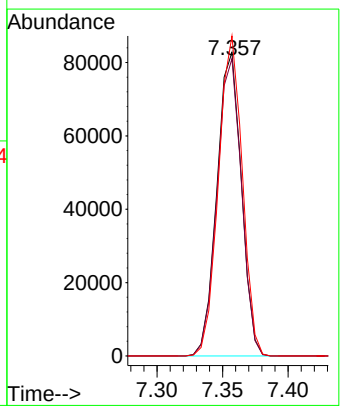


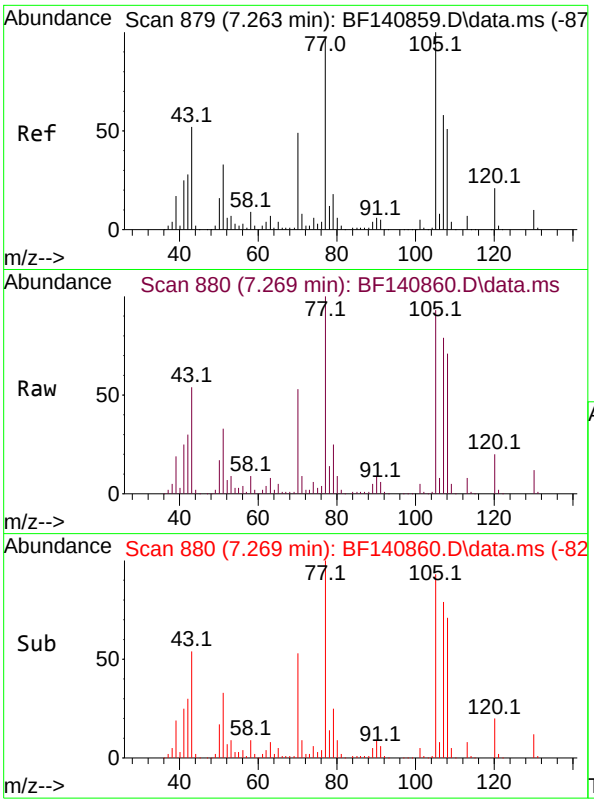


#18
Hexachloroethane
Concen: 48.849 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:117 Resp: 107131

Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.4	116.0
201	105.4	83.4	125.0



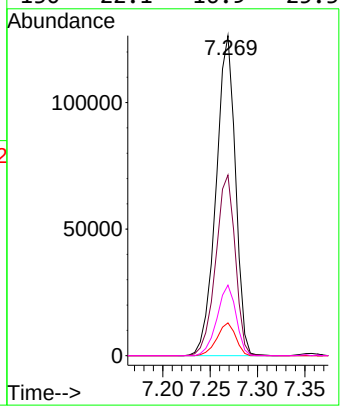


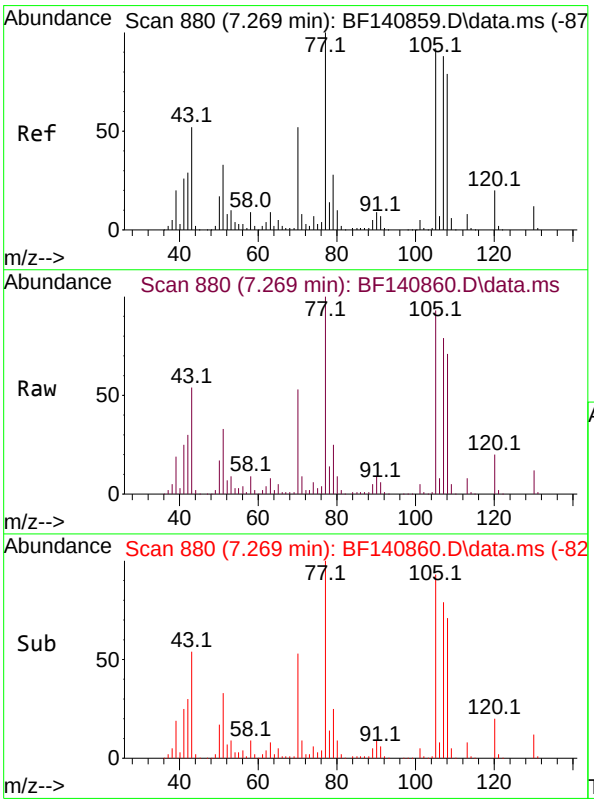
#19
n-Nitroso-di-n-propylamine
Concen: 48.587 ng
RT: 7.269 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 180295

Ion	Ratio	Lower	Upper
70	100		
42	56.4	45.3	67.9
101	10.2	8.0	12.0
130	22.1	16.9	25.3

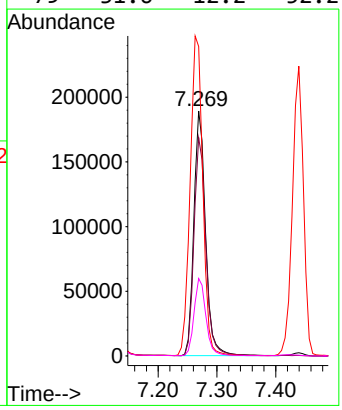


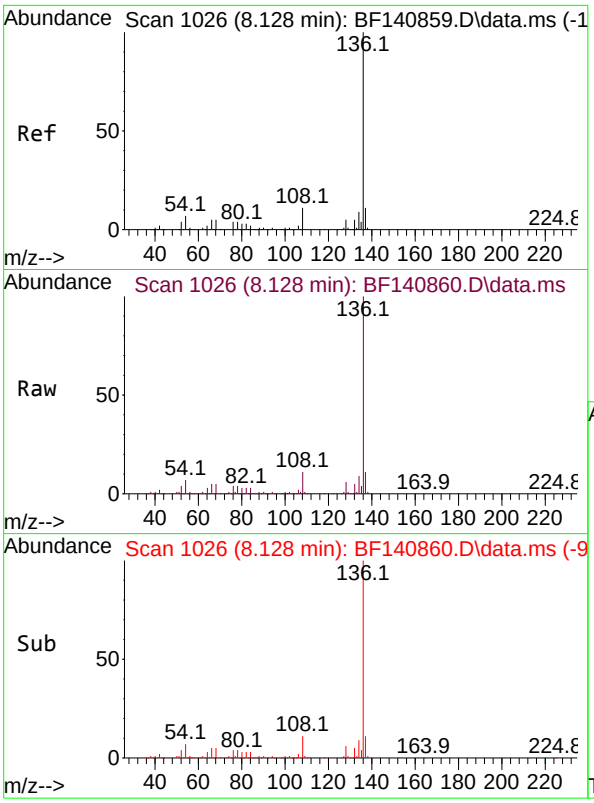


#20
3+4-Methylphenols
Concen: 48.491 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:107 Resp: 261470

Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.1	110.1
77	126.3	94.4	134.4
79	31.6	12.2	52.2



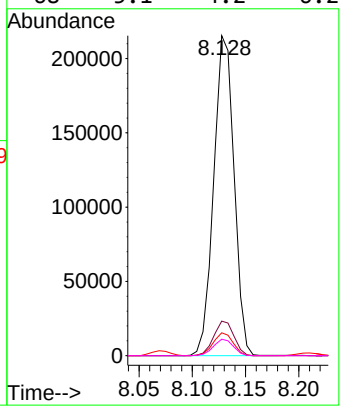


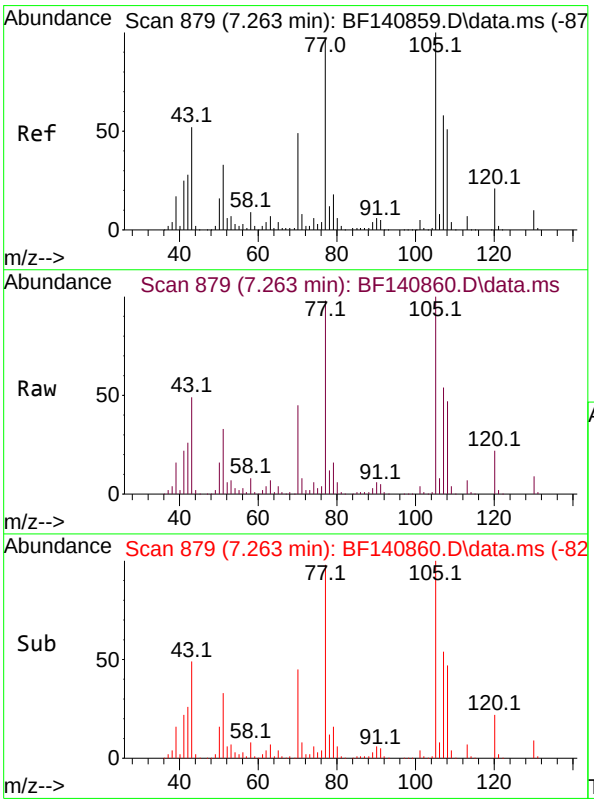
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 285955

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	7.1	5.6	8.4
68	5.1	4.2	6.2

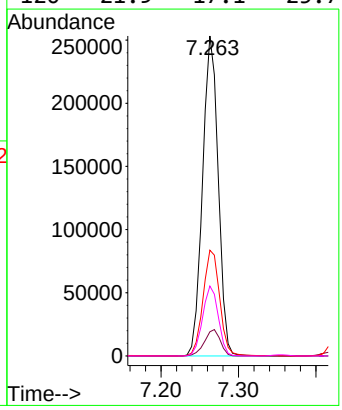


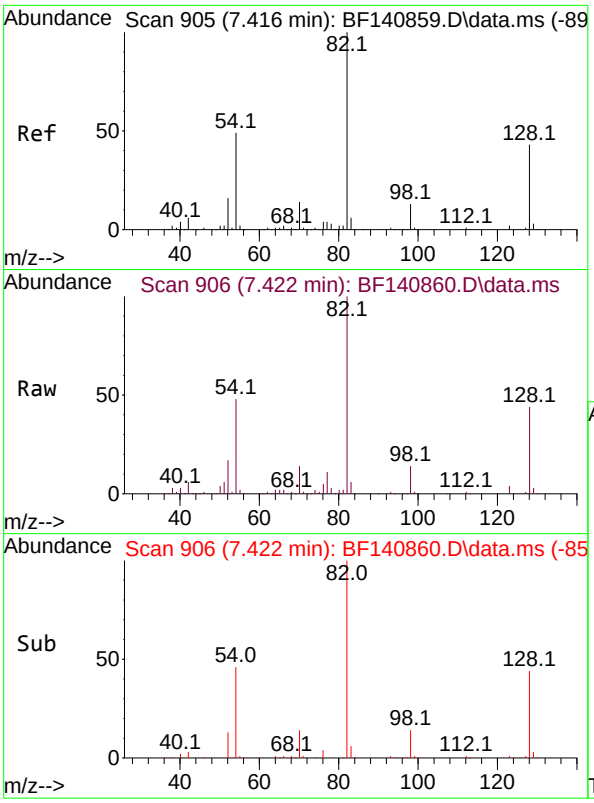


#22
Acetophenone
Concen: 49.578 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:105 Resp: 354645

Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.2	9.4
51	33.1	26.3	39.5
120	21.9	17.1	25.7



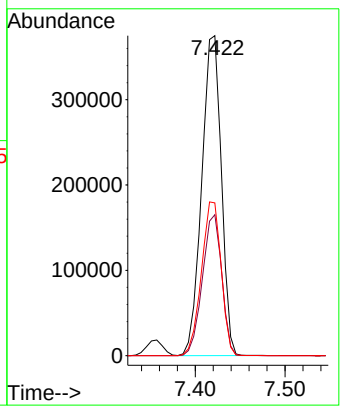


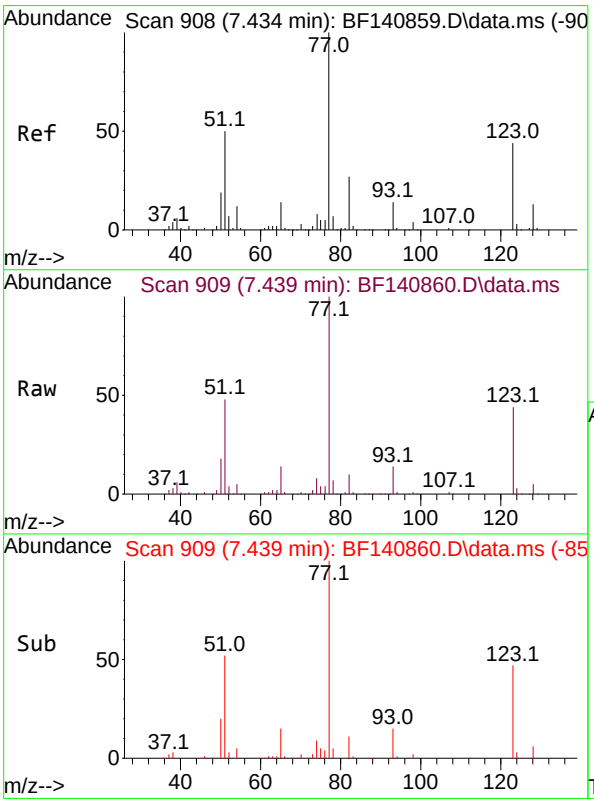
#23
Nitrobenzene-d5
Concen: 99.392 ng
RT: 7.422 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 568078

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.4	51.6
54	47.7	38.8	58.2

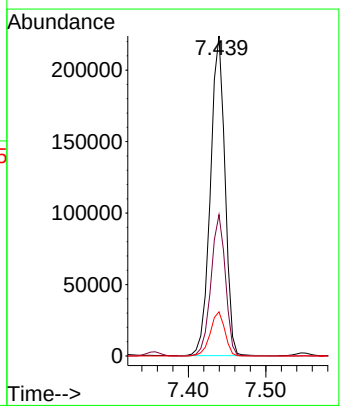


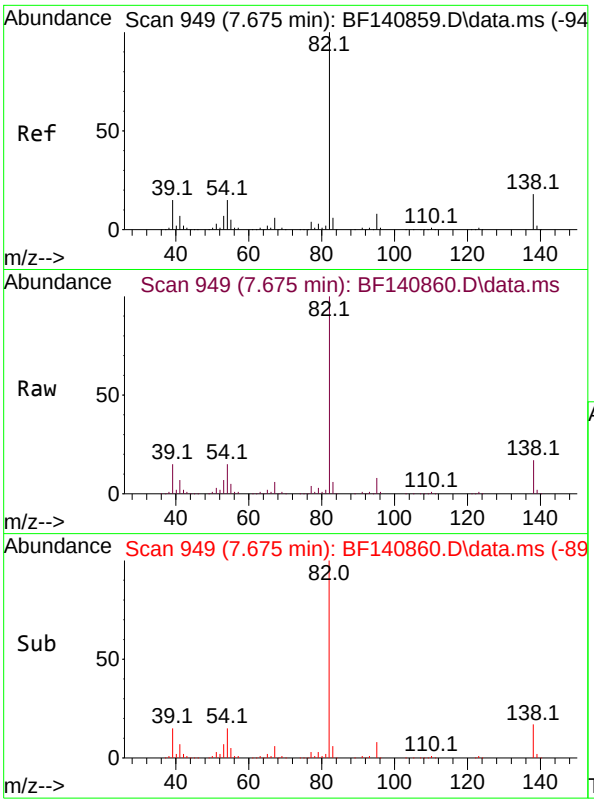


#24
Nitrobenzene
Concen: 49.777 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion: 77 Resp: 291463

Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.0	52.4
65	13.8	11.4	17.0



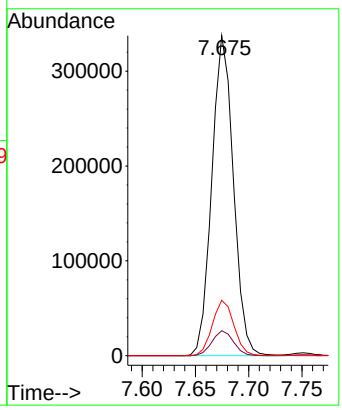


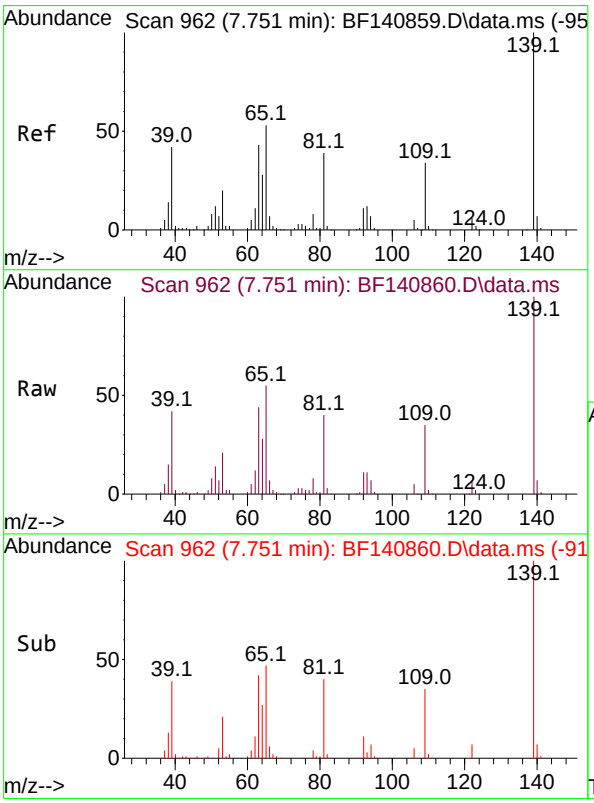
#25
Isophorone
Concen: 49.580 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 474812

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.3	9.5
138	17.3	14.1	21.1

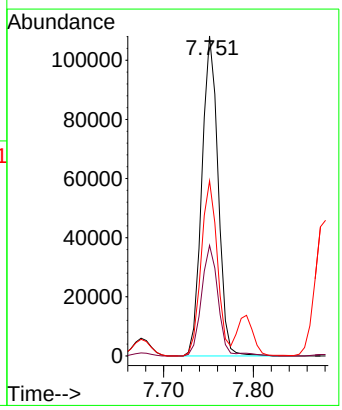


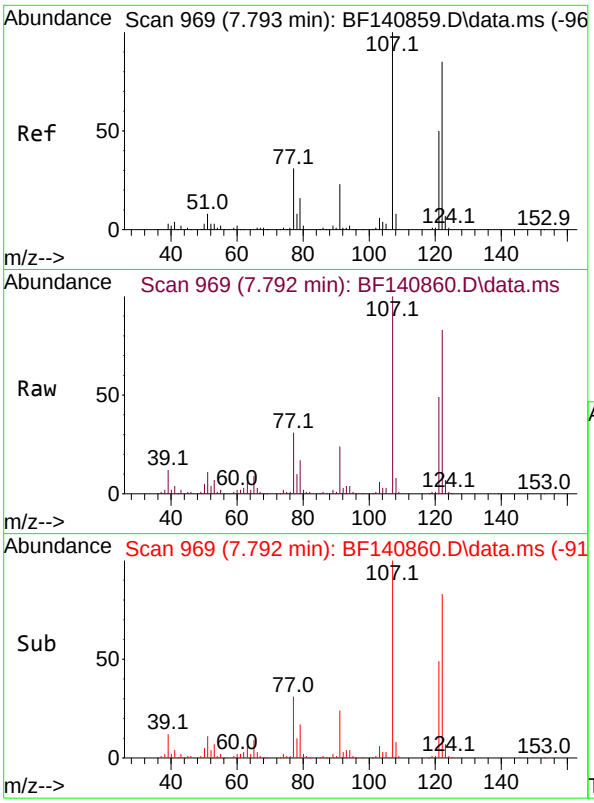


#26
2-Nitrophenol
Concen: 50.500 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:139 Resp: 136187

Ion	Ratio	Lower	Upper
139	100		
109	34.5	26.9	40.3
65	54.7	42.6	64.0



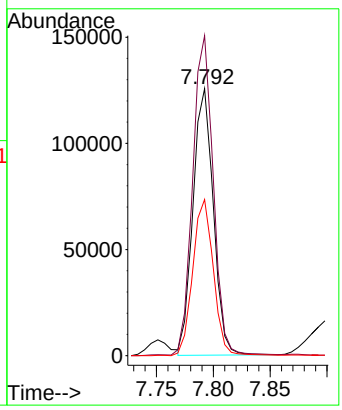


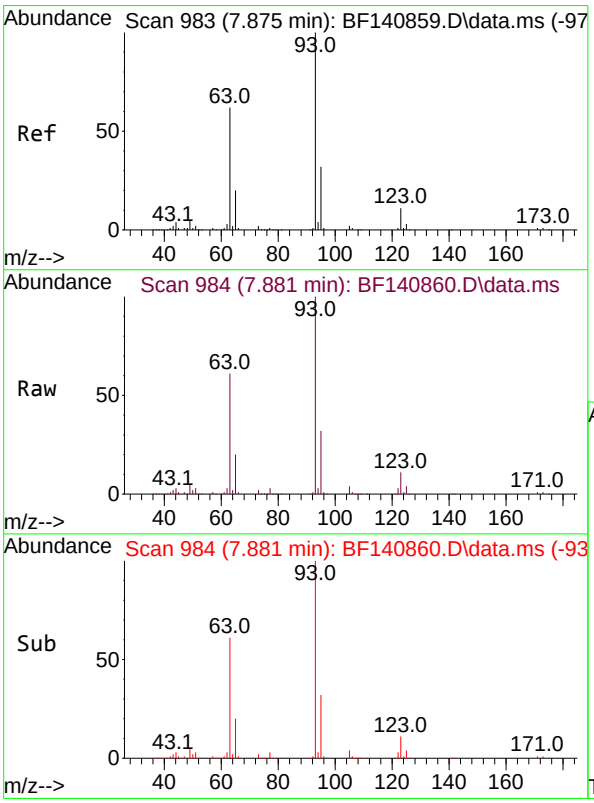
#27
2,4-Dimethylphenol
Concen: 49.632 ng
RT: 7.792 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 156314

Ion	Ratio	Lower	Upper
122	100		
107	119.8	92.6	139.0
121	58.5	45.8	68.8

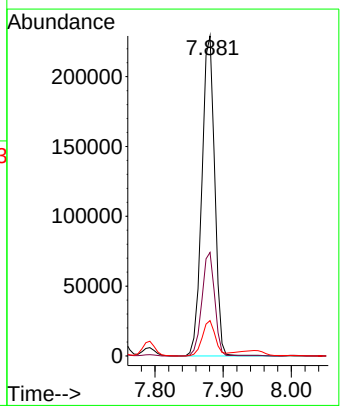


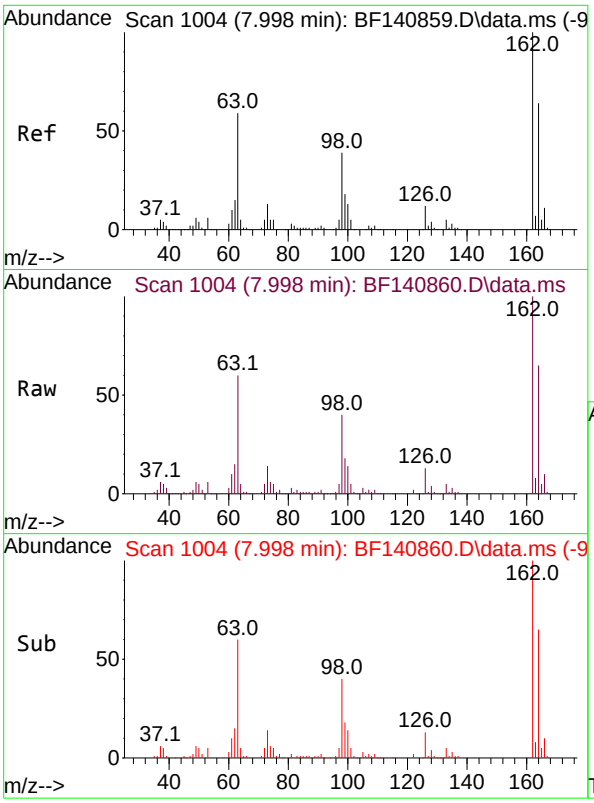


#28
bis(2-Chloroethoxy)methane
Concen: 50.002 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion: 93 Resp: 299078

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.3	37.9
123	11.0	8.6	13.0



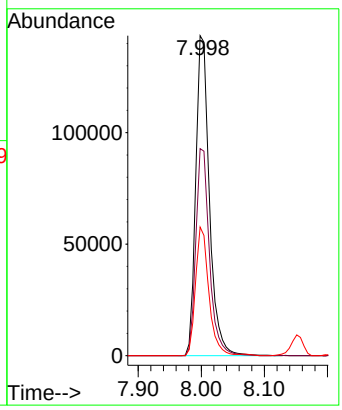


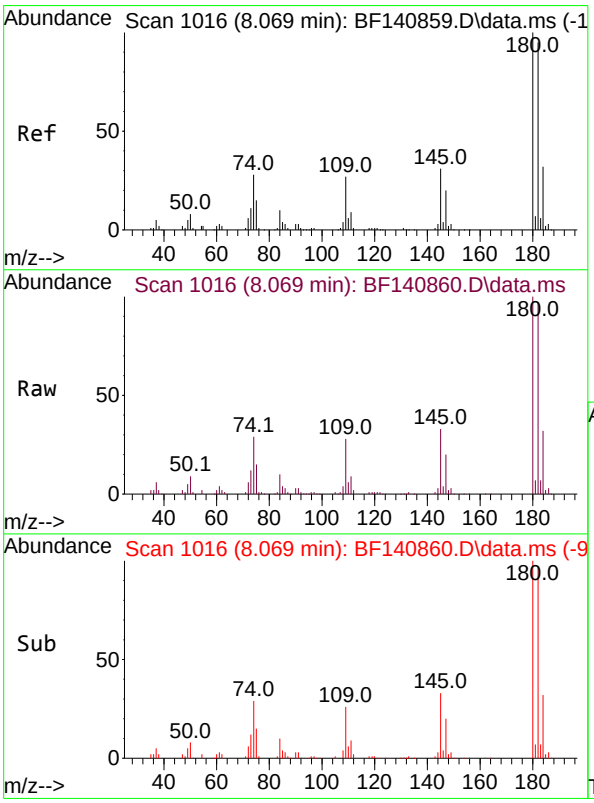
#29
2,4-Dichlorophenol
Concen: 49.463 ng
RT: 7.998 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 215069

Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.7	83.7
98	40.2	18.6	58.6

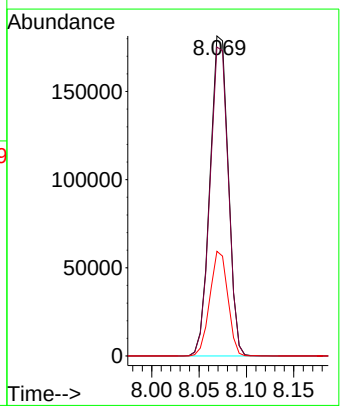


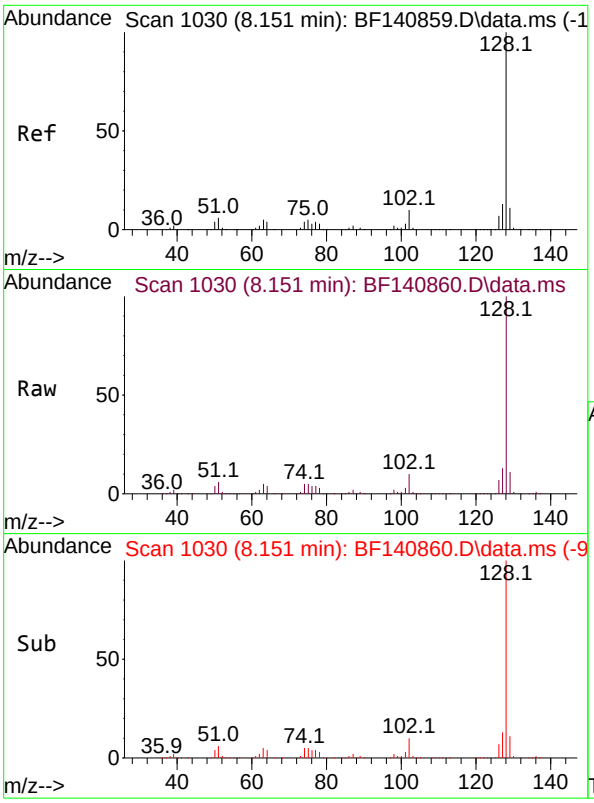


#30
1,2,4-Trichlorobenzene
Concen: 48.990 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:180 Resp: 244191

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.6
145	32.7	25.2	37.8



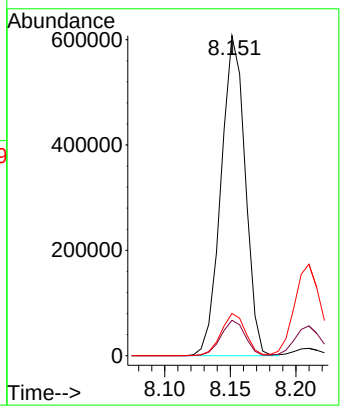


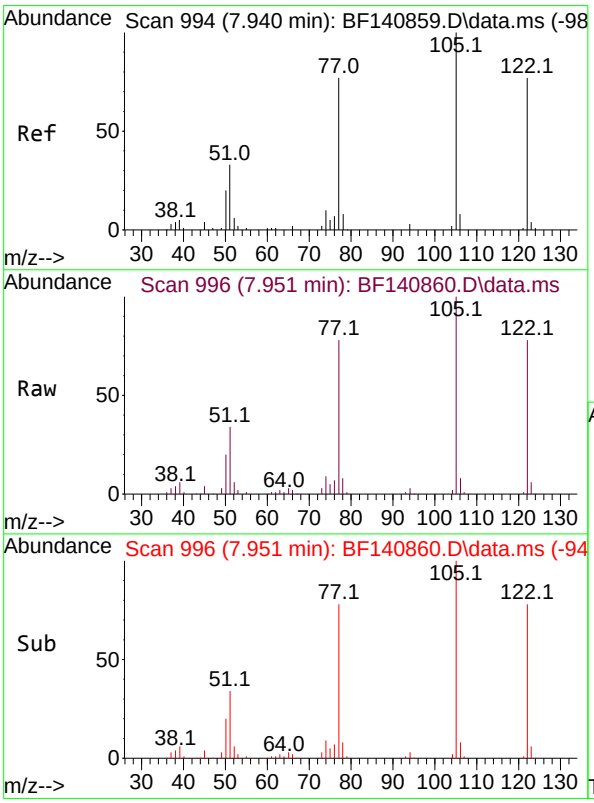
#31
Naphthalene
Concen: 49.610 ng
RT: 8.151 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 779270

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.6	16.0

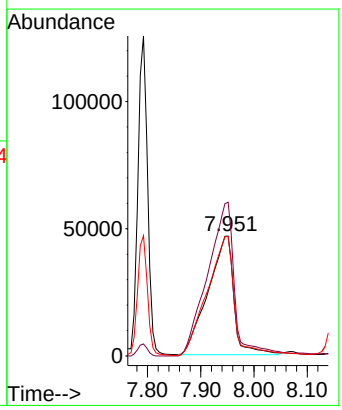


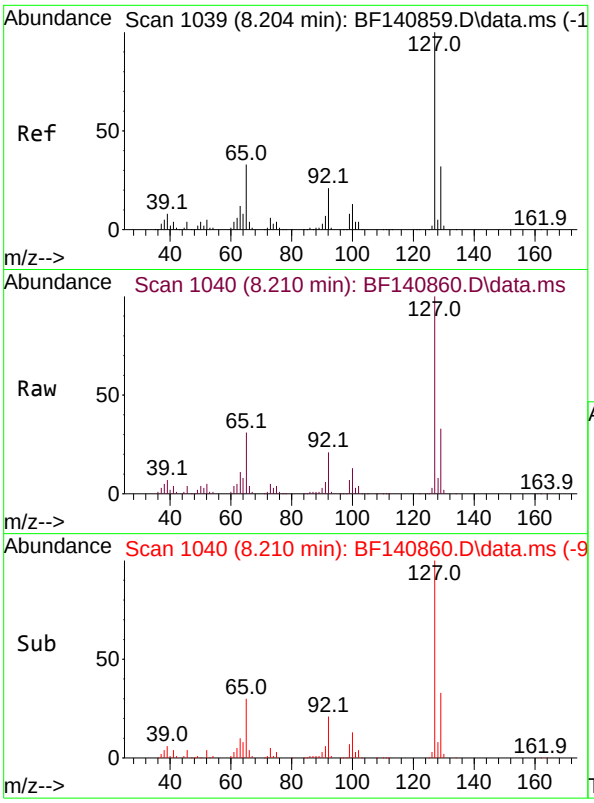


#32
Benzoic acid
Concen: 52.746 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.011 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:122 Resp: 157548

Ion	Ratio	Lower	Upper
122	100		
105	128.3	108.3	148.3
77	99.7	78.8	118.8



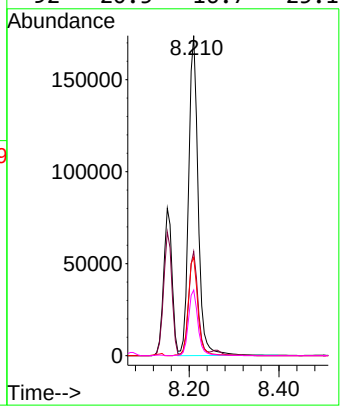


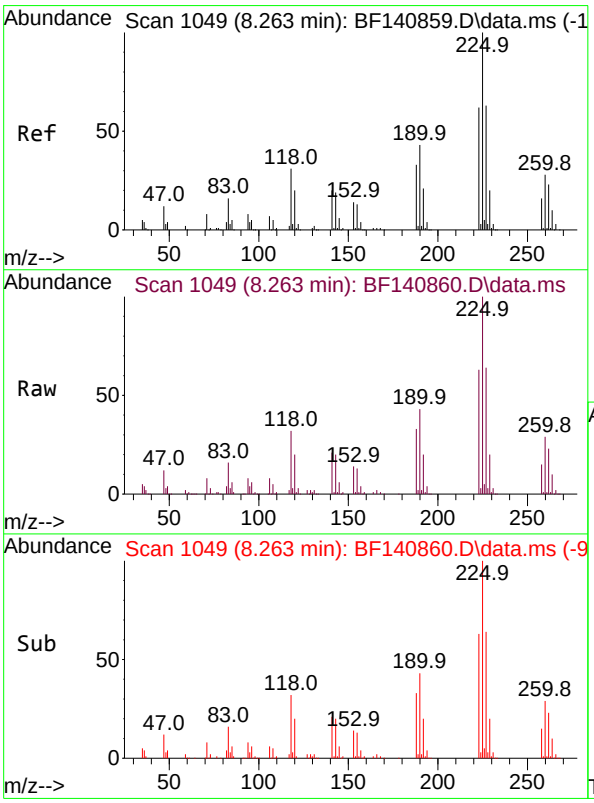
#33
4-Chloroaniline
Concen: 49.011 ng
RT: 8.210 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 255688

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	30.8	26.0	39.0
92	20.5	16.7	25.1

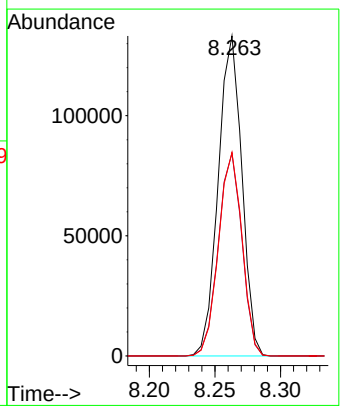


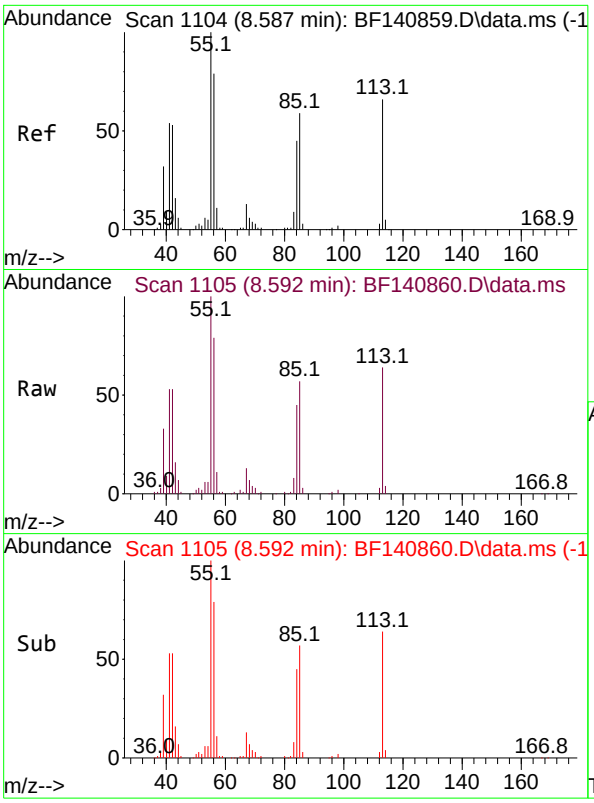


#34
Hexachlorobutadiene
Concen: 49.763 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:225 Resp: 166884

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.6	74.4
227	63.6	50.7	76.1



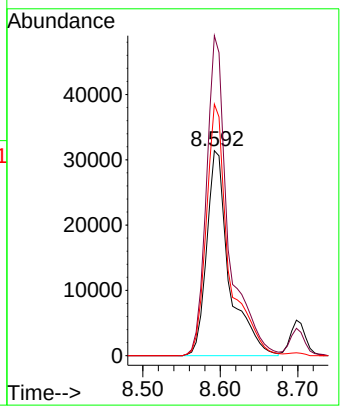


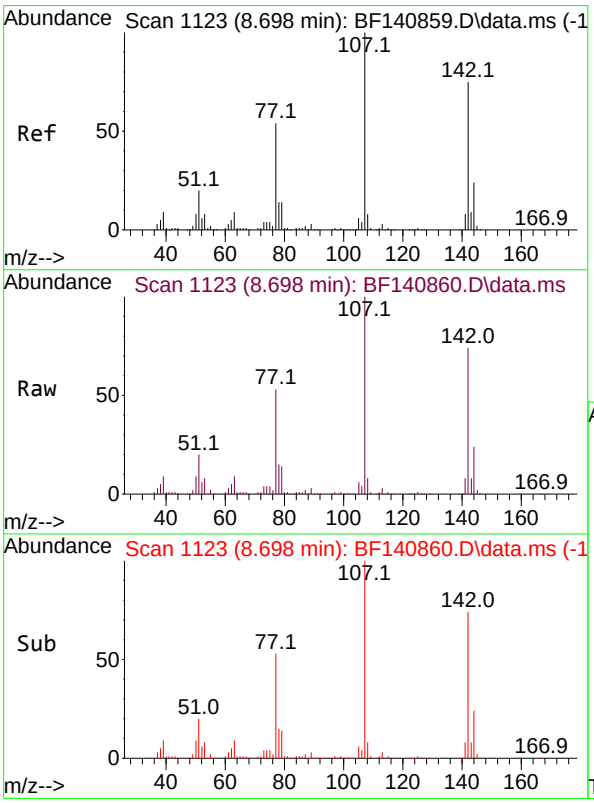
#35
Caprolactam
Concen: 49.156 ng
RT: 8.592 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 63631

Ion	Ratio	Lower	Upper
113	100		
55	156.1	132.3	172.3
56	122.7	100.3	140.3

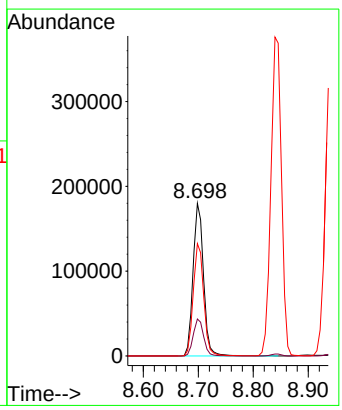


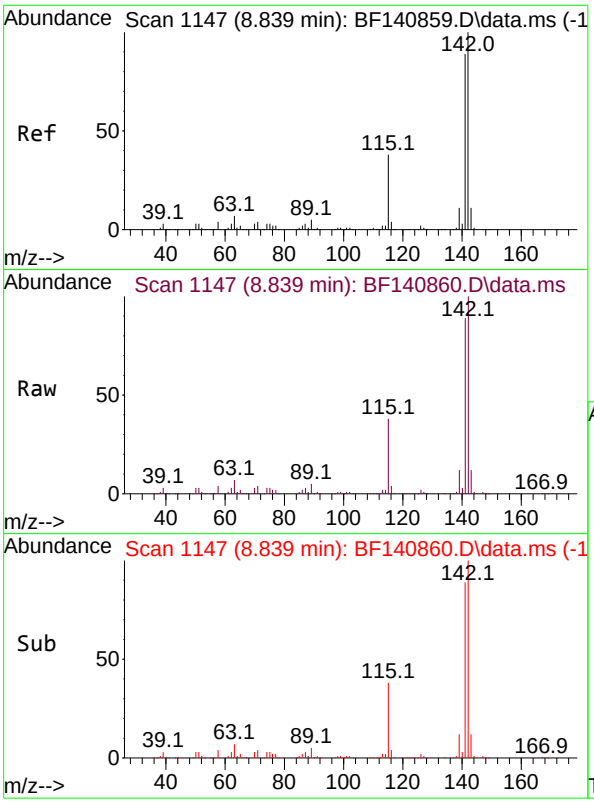


#36
4-Chloro-3-methylphenol
Concen: 48.512 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:107 Resp: 237414

Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.4	29.2
142	73.6	60.3	90.5



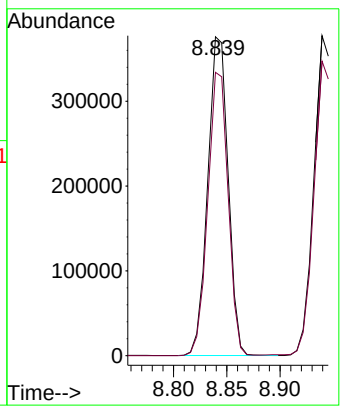


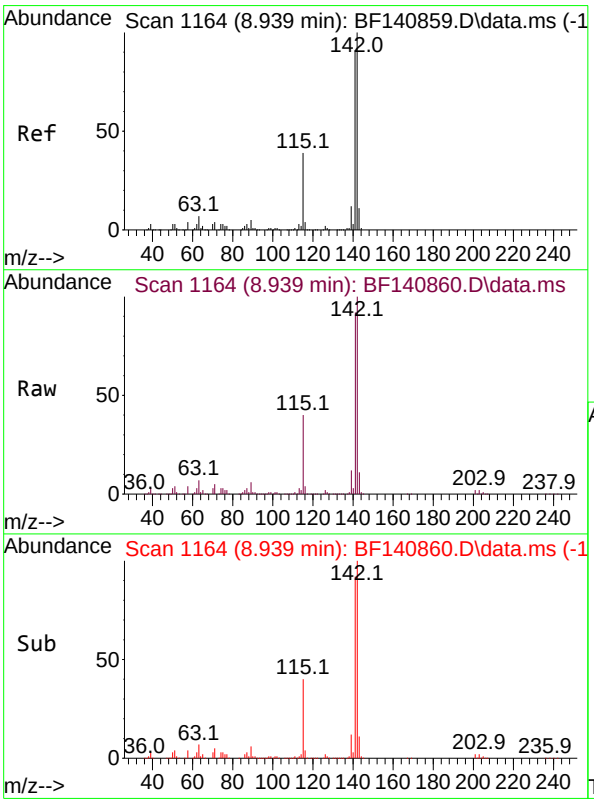
#37
2-Methylnaphthalene
Concen: 48.139 ng
RT: 8.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 500202

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6

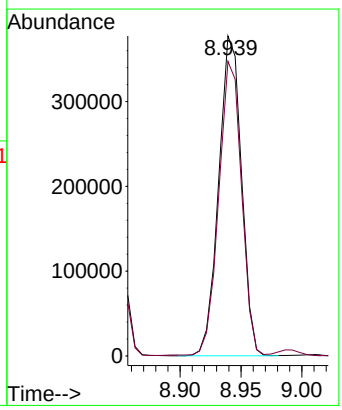


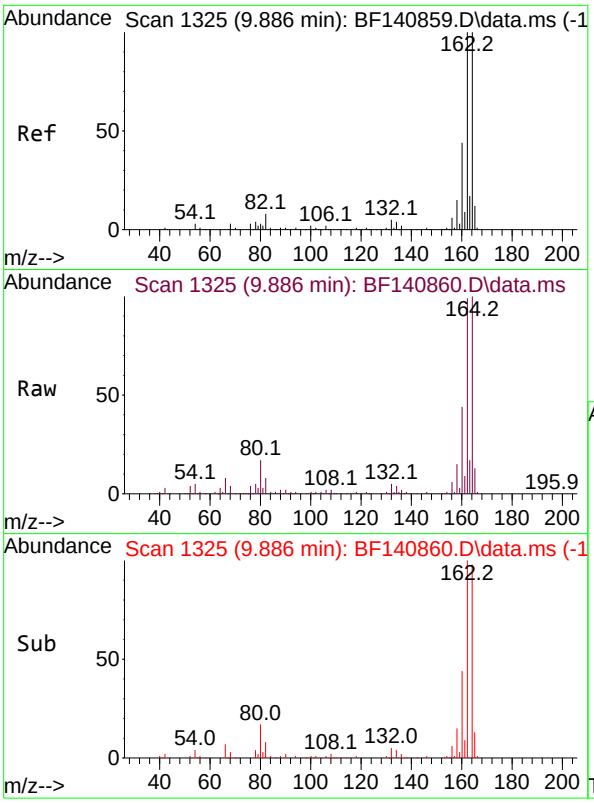


#38
1-Methylnaphthalene
Concen: 47.724 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:142 Resp: 490420

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.4	110.0



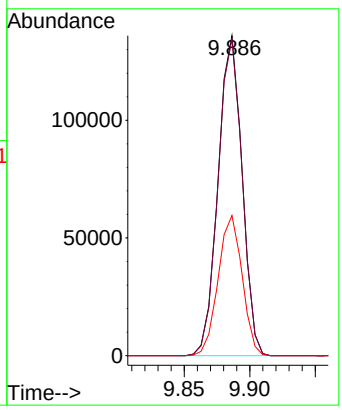


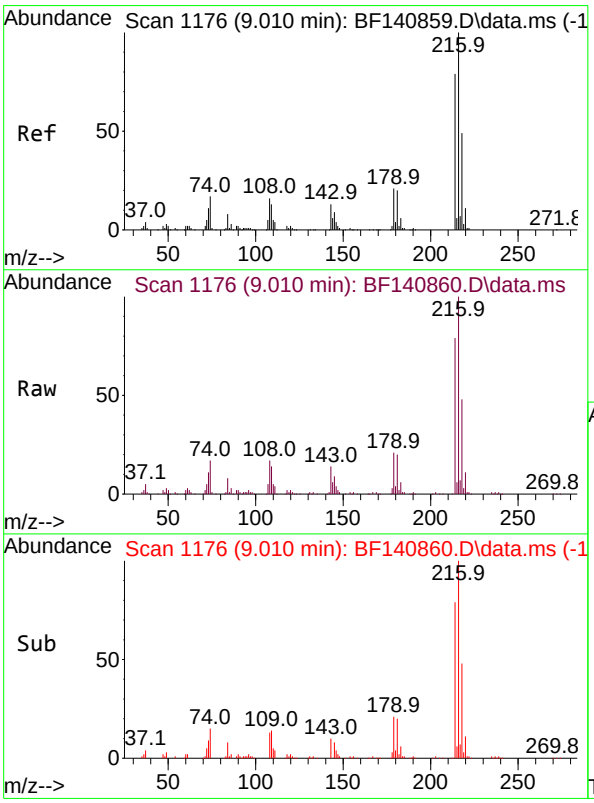
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 172713

Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.9	119.9
160	43.8	35.2	52.8

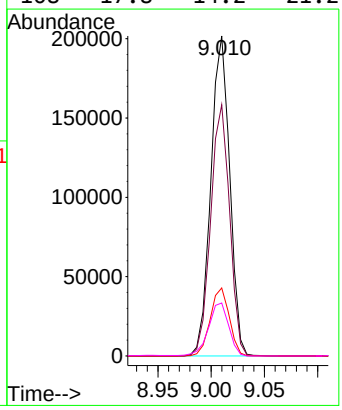


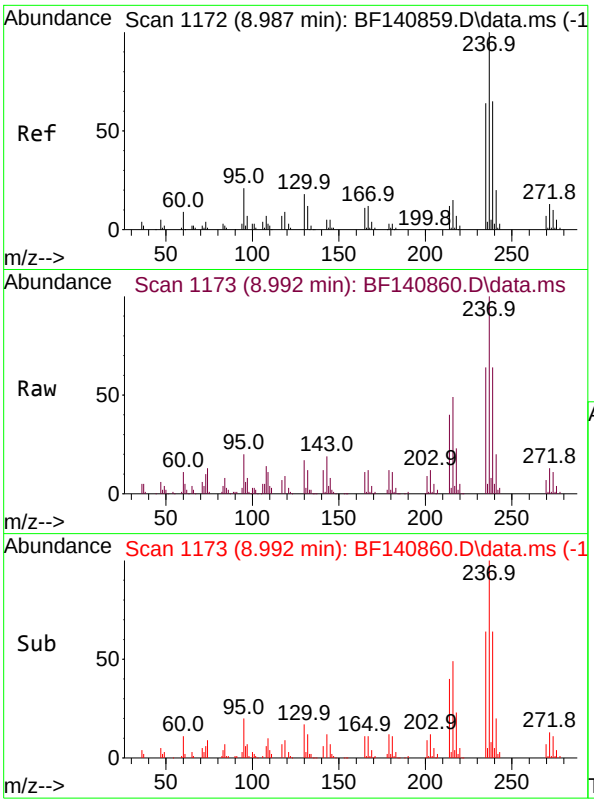


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.837 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:216 Resp: 248636

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.6	95.4
179	21.4	17.0	25.4
108	17.8	14.2	21.2



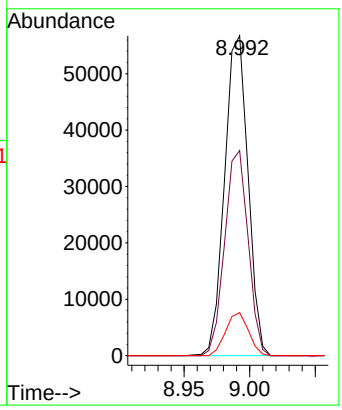


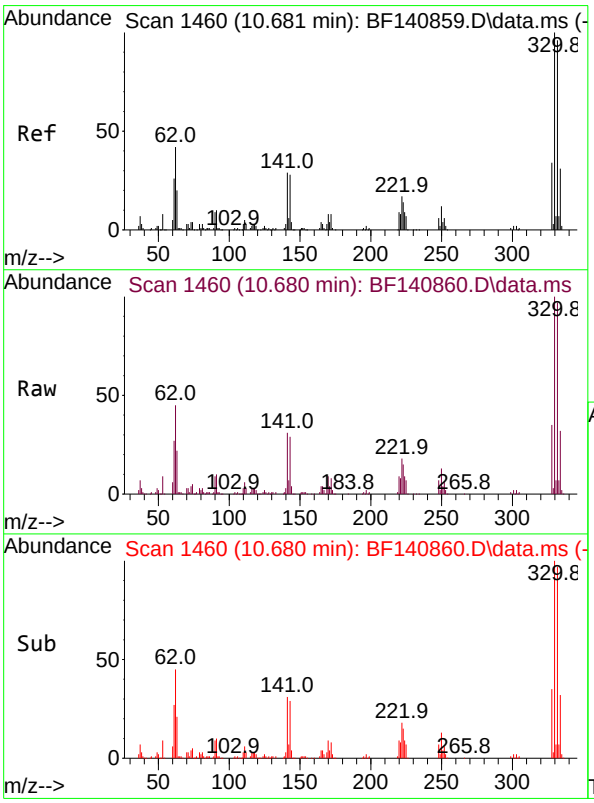
#41
Hexachlorocyclopentadiene
Concen: 50.029 ng
RT: 8.992 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 70543

Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.7	83.7
272	13.5	0.0	32.9

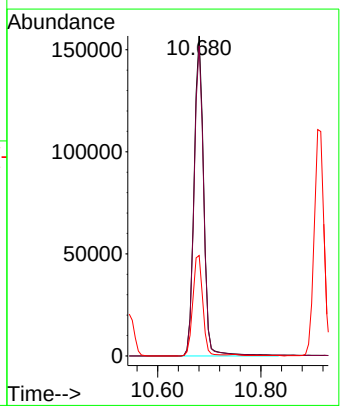


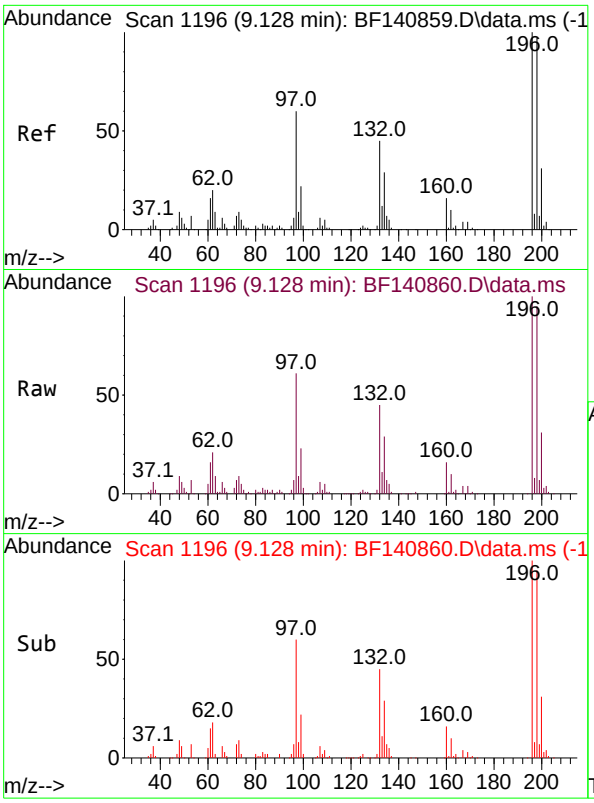


#42
2,4,6-Tribromophenol
Concen: 99.228 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:330 Resp: 202693

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	32.4	24.9	37.3



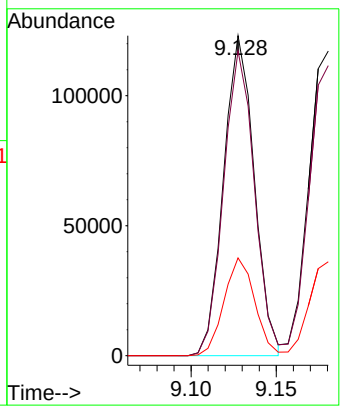


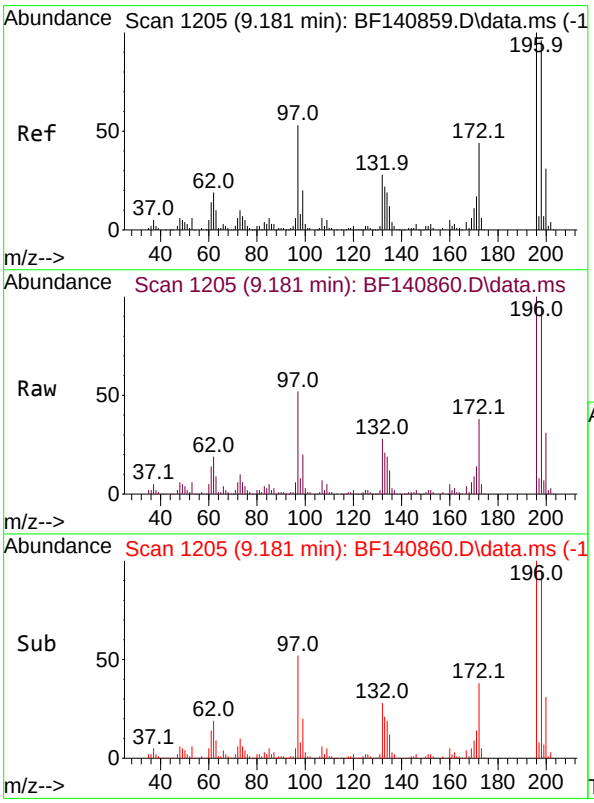
#43
2,4,6-Trichlorophenol
Concen: 47.487 ng
RT: 9.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 154361

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.4	116.0
200	30.5	24.5	36.7

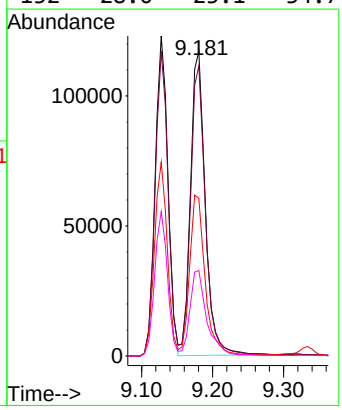


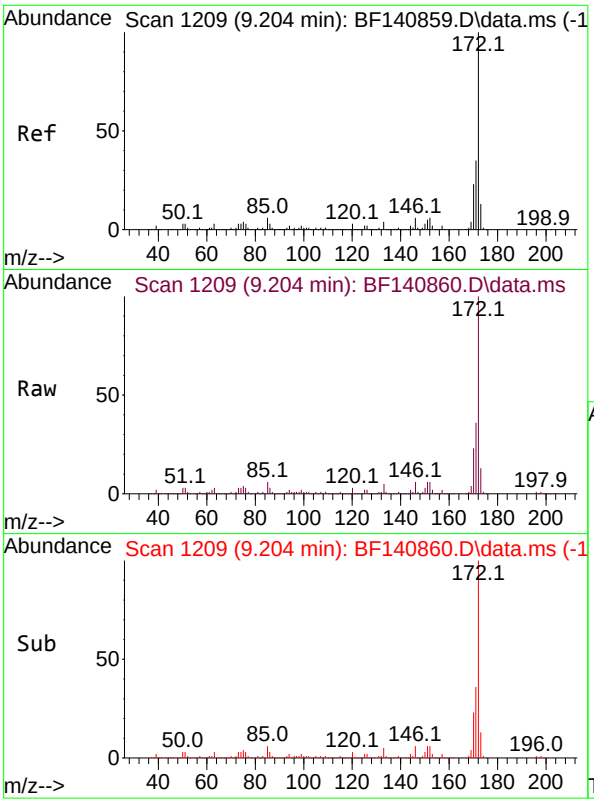


#44
2,4,5-Trichlorophenol
Concen: 47.697 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:196 Resp: 170411

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.2	115.8
97	51.7	42.2	63.4
132	28.0	23.1	34.7



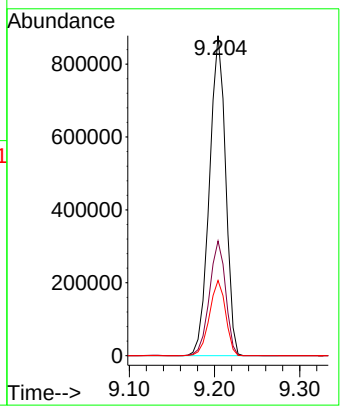


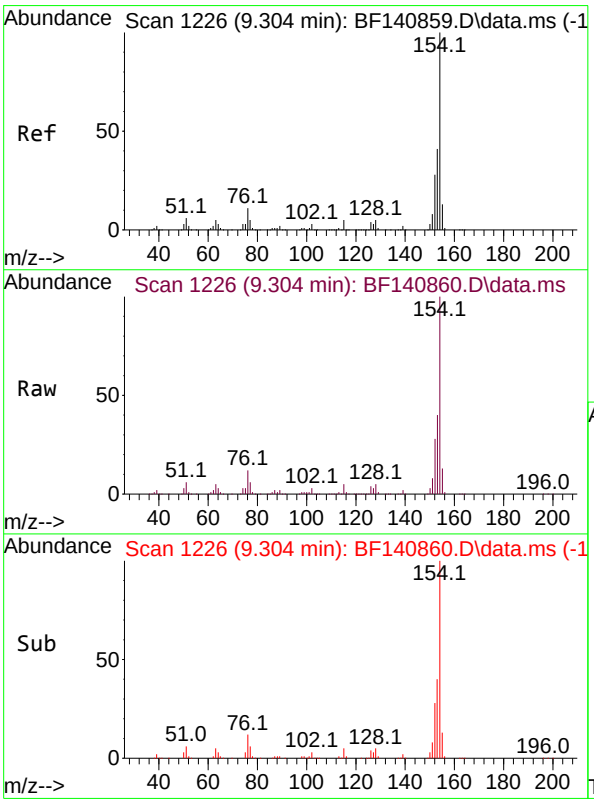
#45
2-Fluorobiphenyl
Concen: 92.444 ng
RT: 9.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 1161315

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.4	42.6
170	23.5	18.6	28.0

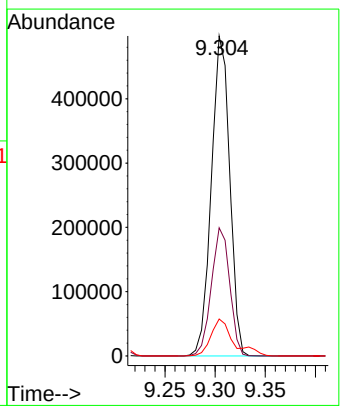


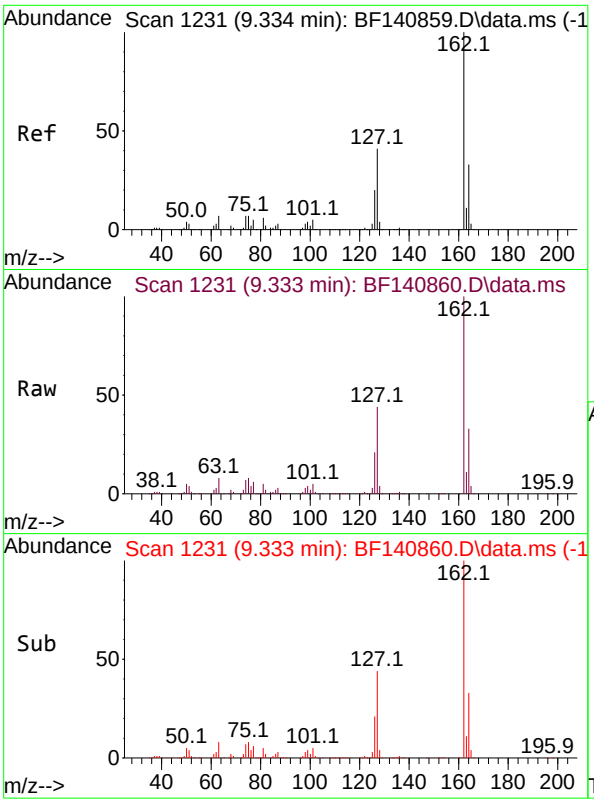


#46
1,1'-Biphenyl
Concen: 46.001 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:154 Resp: 631768

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.8	60.8
76	11.5	0.0	31.0



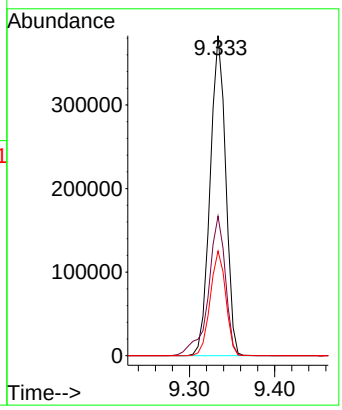


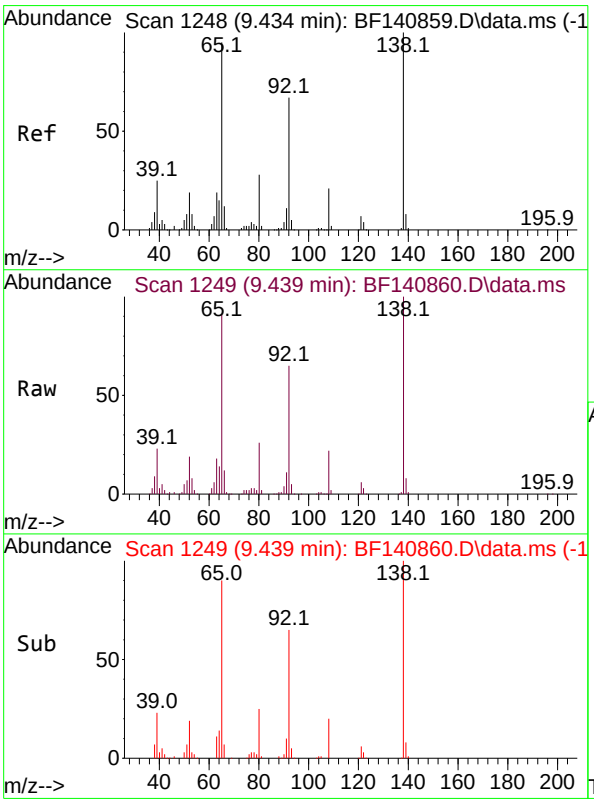
#47
2-Chloronaphthalene
Concen: 46.194 ng
RT: 9.333 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 485339

Ion	Ratio	Lower	Upper
162	100		
127	43.6	33.5	50.3
164	32.7	26.2	39.2

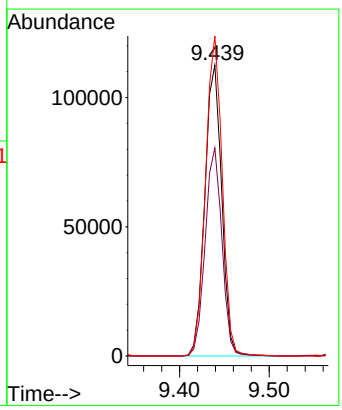


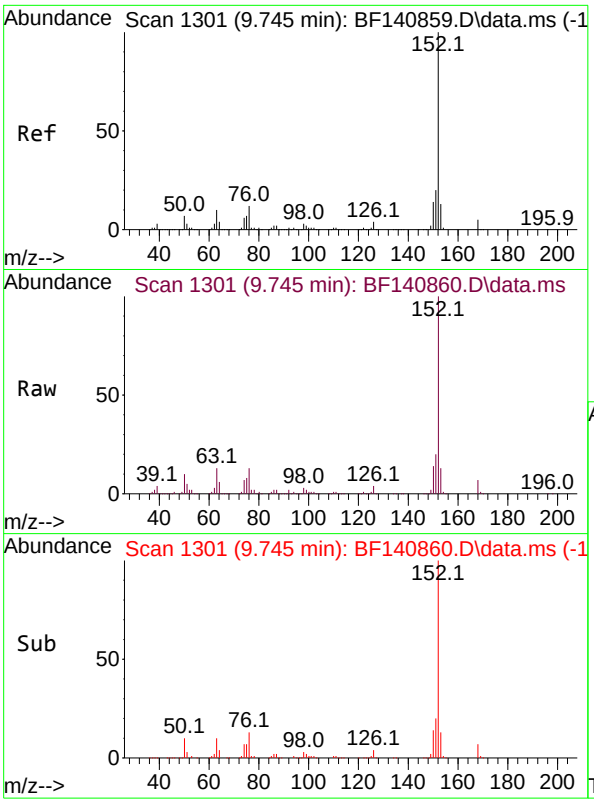


#48
2-Nitroaniline
Concen: 46.359 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion: 65 Resp: 147104

Ion	Ratio	Lower	Upper
65	100		
92	71.5	56.3	84.5
138	110.0	83.8	125.6



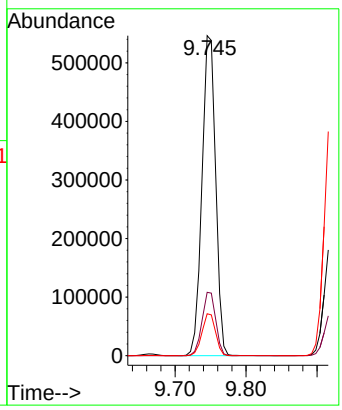


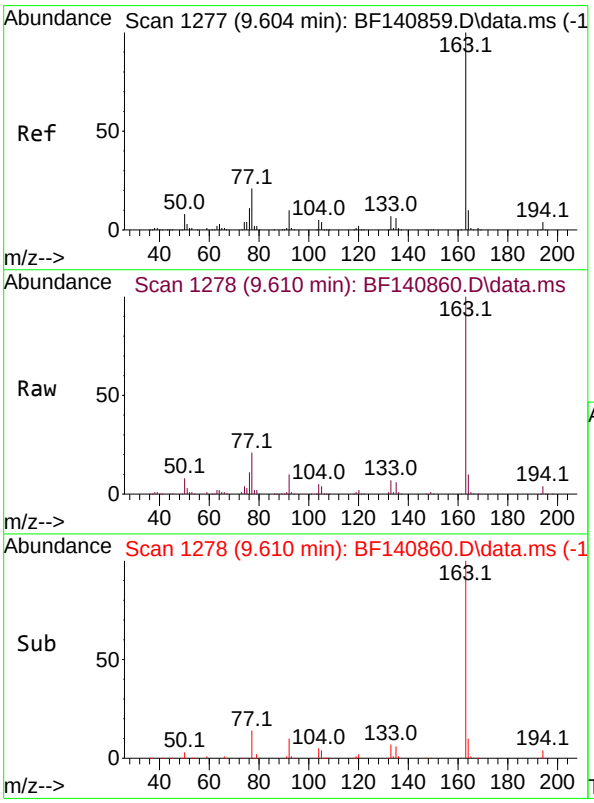
#49
Acenaphthylene
Concen: 47.437 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 732431

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.1	10.6	16.0

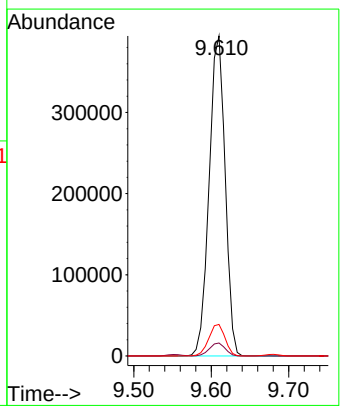


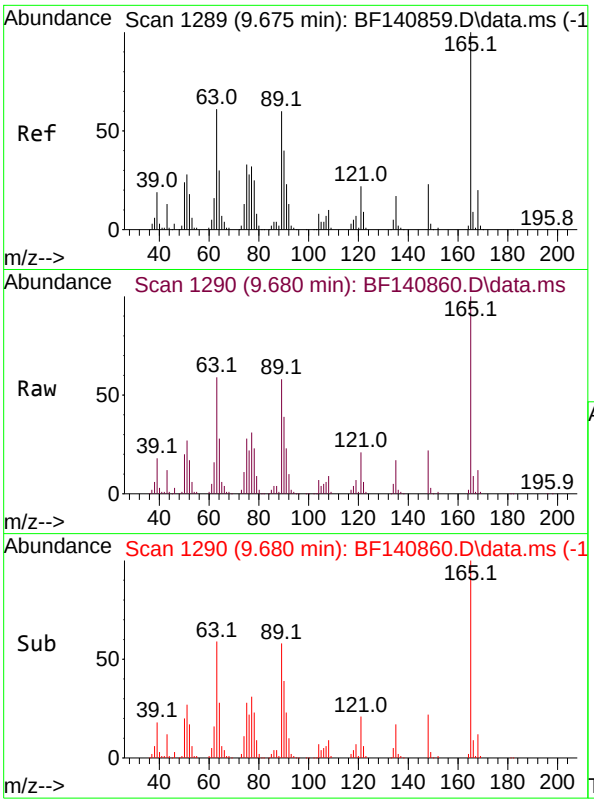


#50
Dimethylphthalate
Concen: 46.392 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:163 Resp: 564903

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.9	8.1	12.1



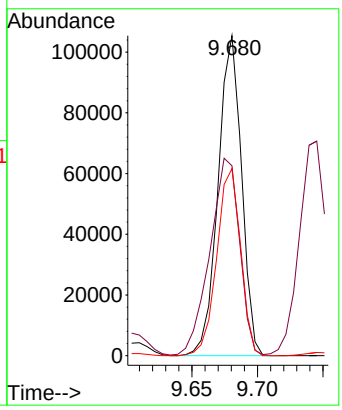


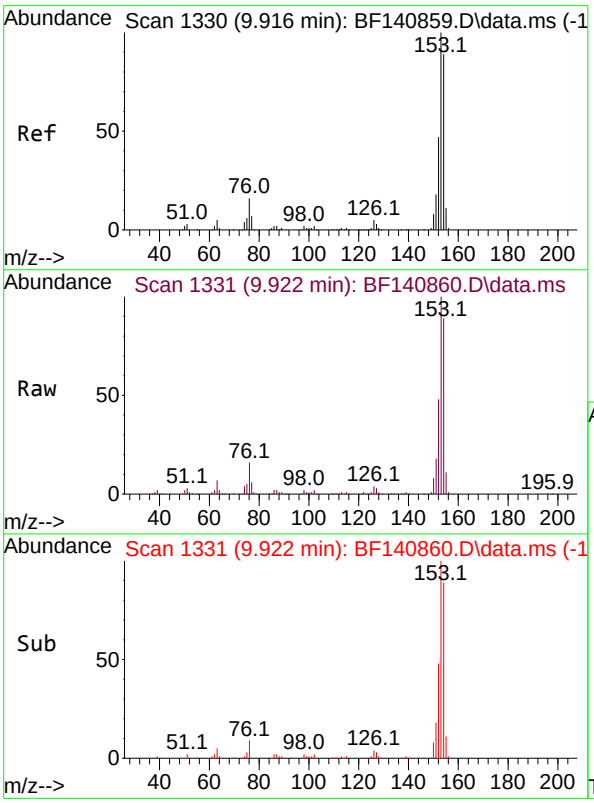
#51
2,6-Dinitrotoluene
Concen: 47.039 ng
RT: 9.680 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 130941

Ion	Ratio	Lower	Upper
165	100		
63	59.4	49.7	74.5
89	58.5	48.2	72.4

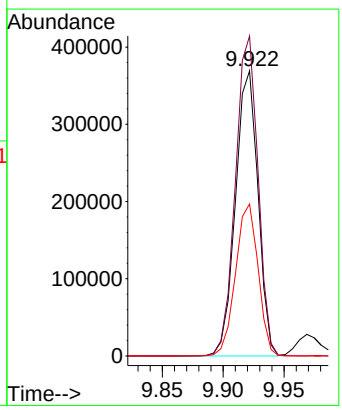


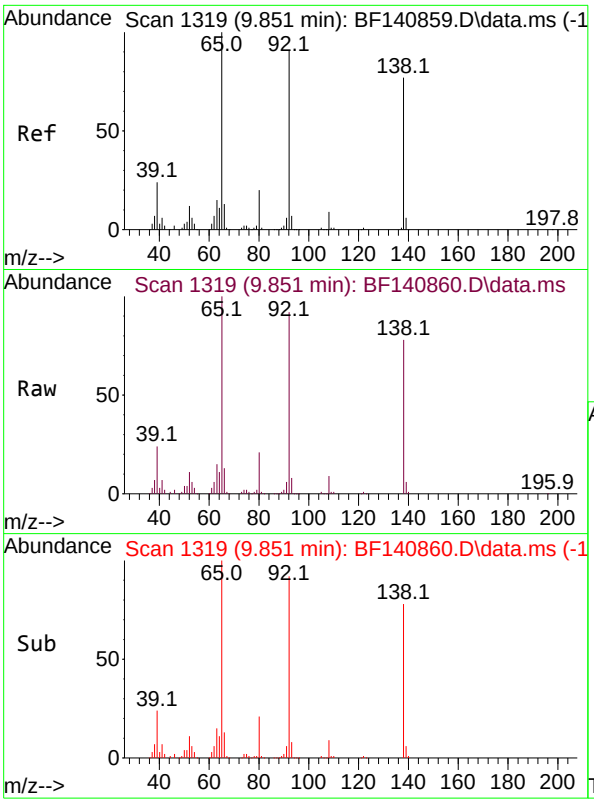


#52
Acenaphthene
Concen: 48.175 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:154 Resp: 475150

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.9	134.9
152	53.3	42.6	63.8



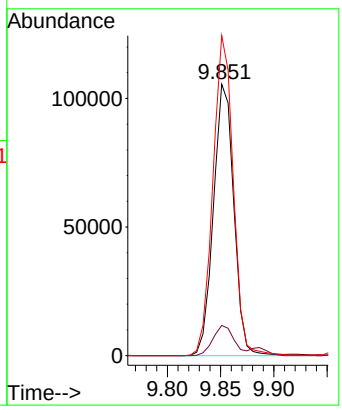


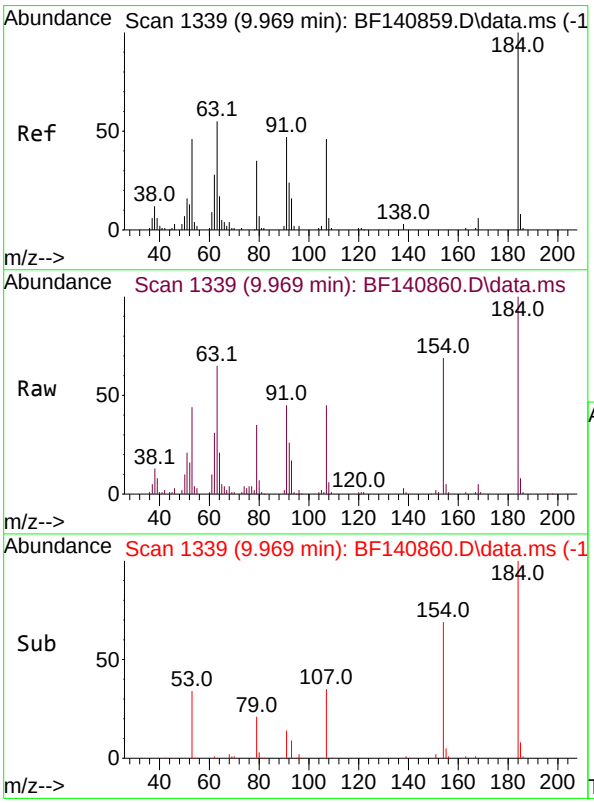
#53
3-Nitroaniline
Concen: 50.732 ng
RT: 9.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 140148

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.4
92	117.8	95.5	143.3

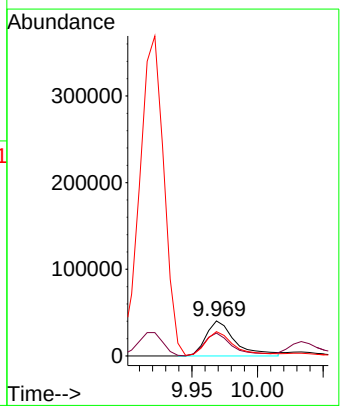


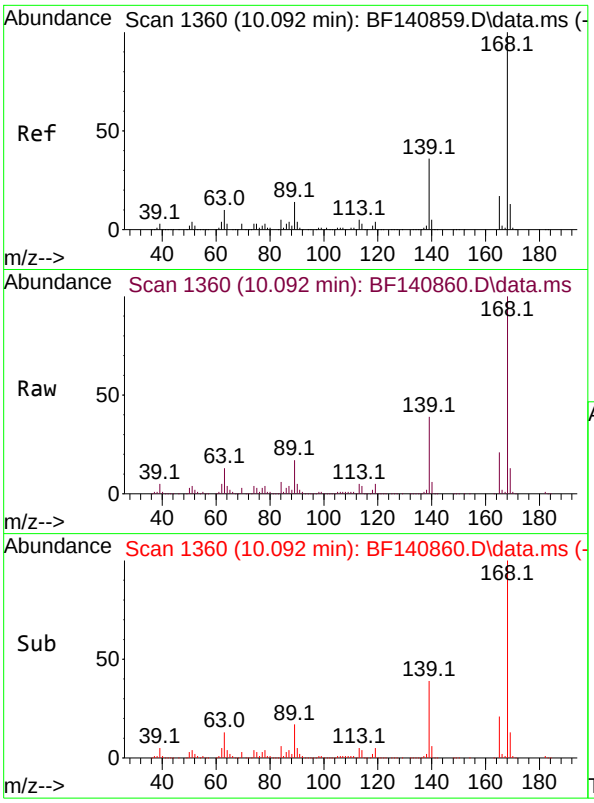


#54
2,4-Dinitrophenol
Concen: 48.955 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:184 Resp: 62738

Ion	Ratio	Lower	Upper
184	100		
63	65.4	51.6	77.4
154	69.1	56.1	84.1



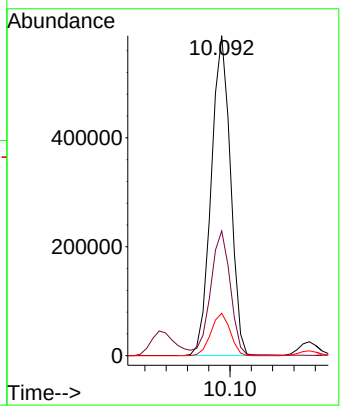


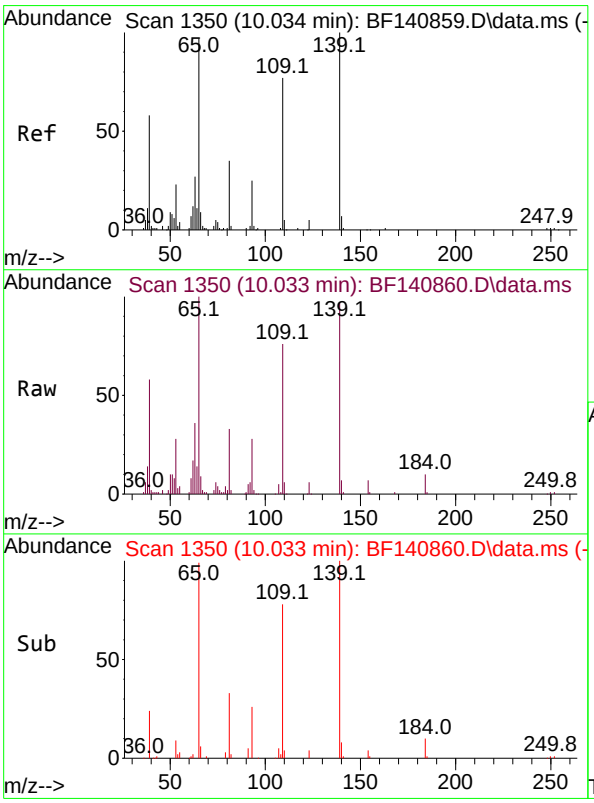
#55
Dibenzofuran
Concen: 48.174 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 736252

Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.1	46.7
169	13.2	10.6	16.0

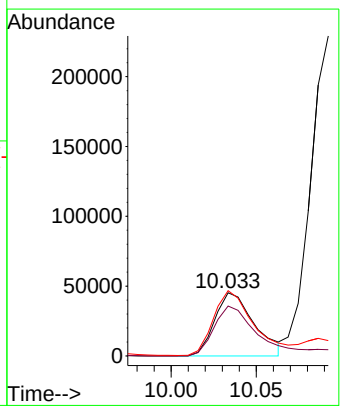


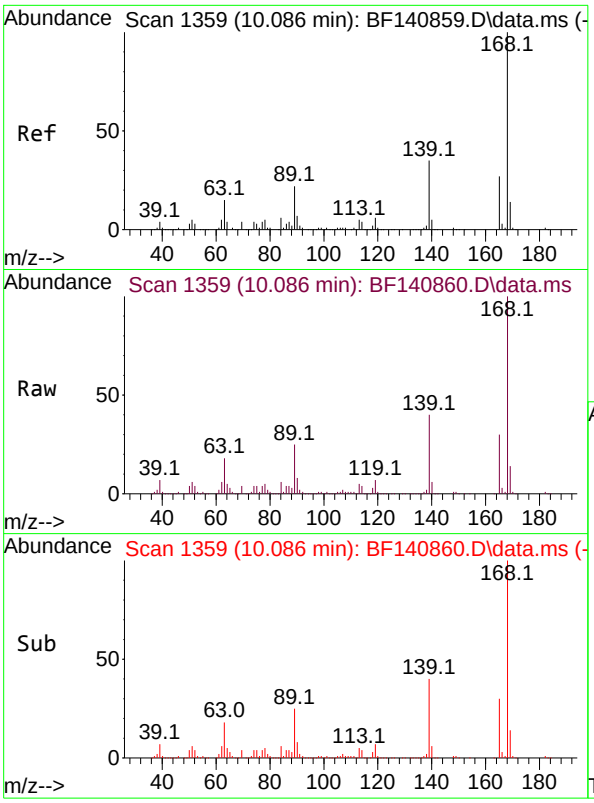


#56
4-Nitrophenol
Concen: 50.818 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.001 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:139 Resp: 72965

Ion	Ratio	Lower	Upper
139	100		
109	78.9	56.7	96.7
65	103.3	78.1	118.1



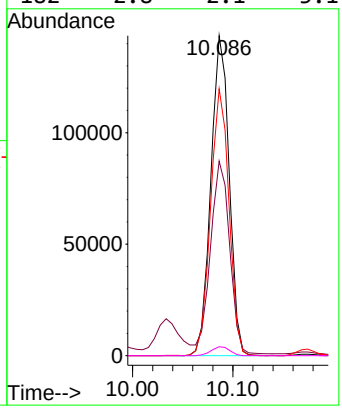


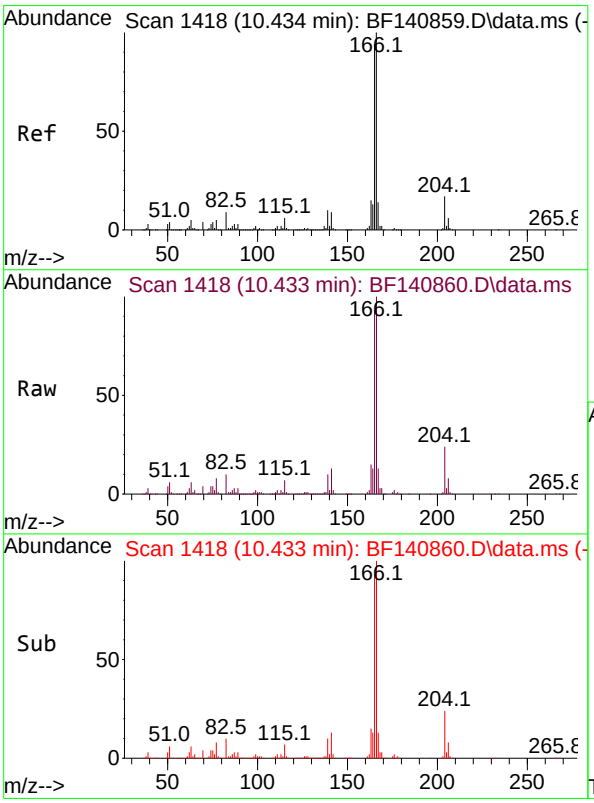
#57
2,4-Dinitrotoluene
Concen: 49.679 ng
RT: 10.086 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 181952

Ion	Ratio	Lower	Upper
165	100		
63	60.8	49.3	73.9
89	83.4	66.2	99.4
182	2.8	2.1	3.1

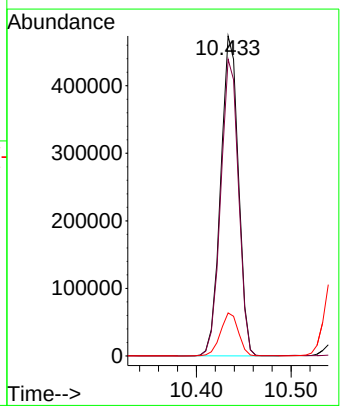


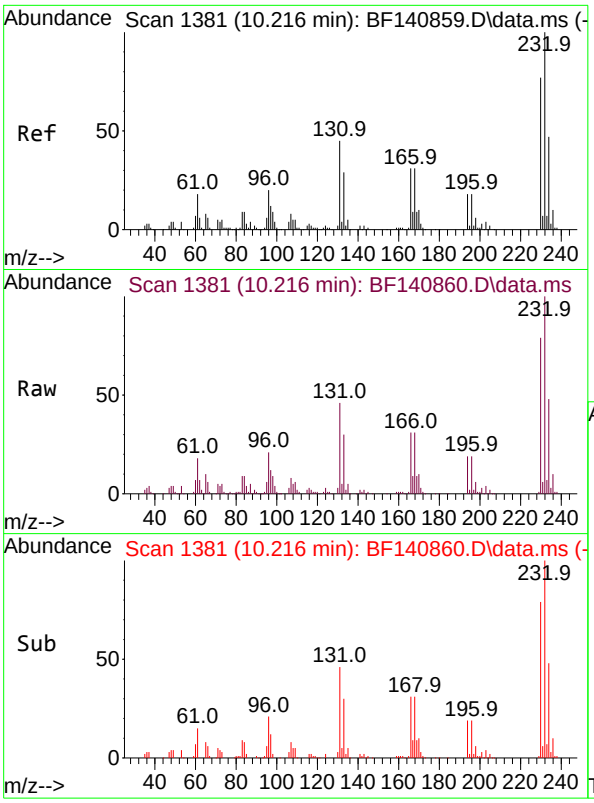


#58
Fluorene
Concen: 48.940 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:166 Resp: 617054

Ion	Ratio	Lower	Upper
166	100		
165	92.7	75.1	112.7
167	13.4	11.1	16.7



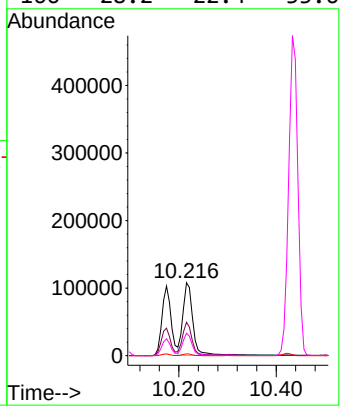


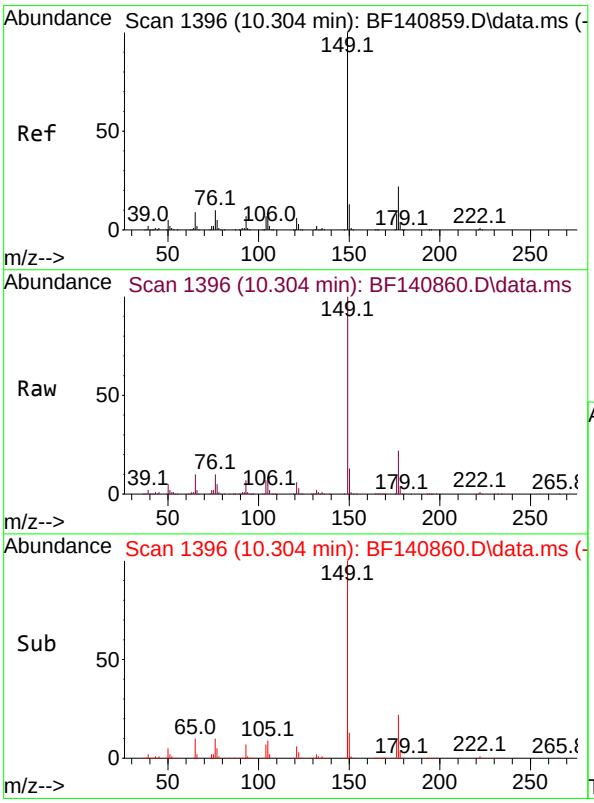
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.784 ng
RT: 10.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 153671

Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.1	52.7
130	2.4	1.8	2.8
166	28.2	22.4	33.6

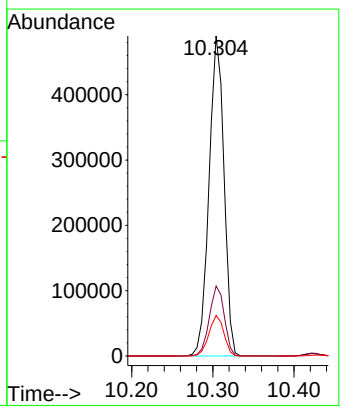


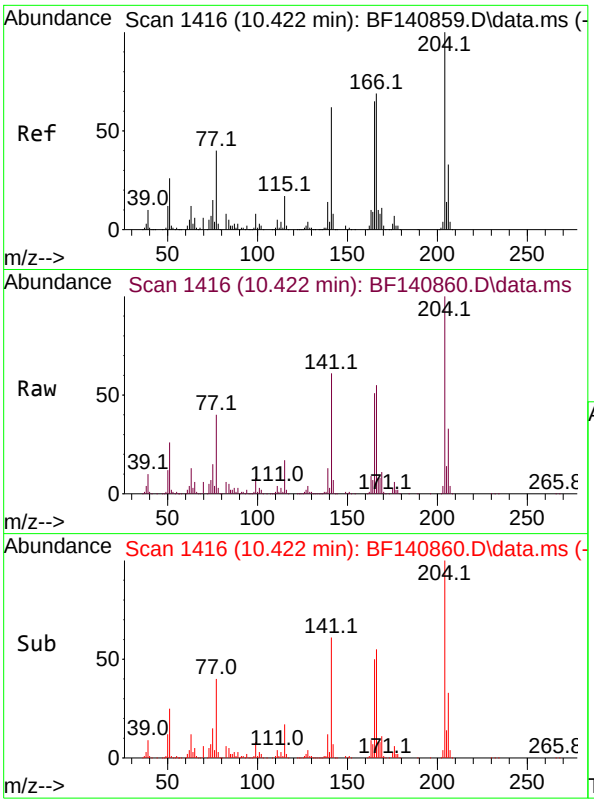


#60
Diethylphthalate
Concen: 49.463 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:149 Resp: 624564

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.2	25.8
150	12.7	10.1	15.1



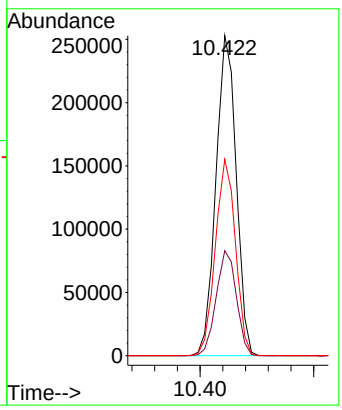


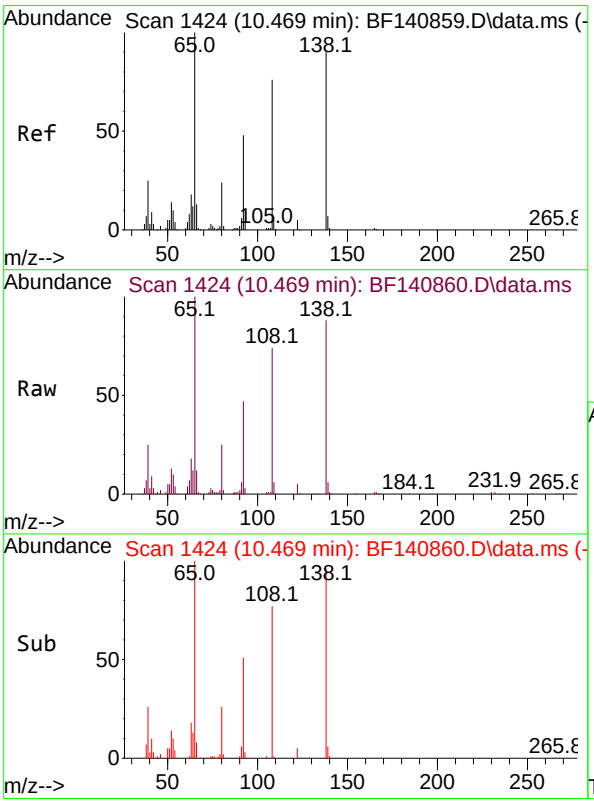
#61
4-Chlorophenyl-phenylether
Concen: 49.574 ng
RT: 10.422 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 313978

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	61.3	50.0	75.0

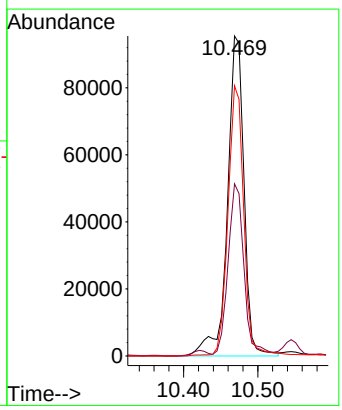


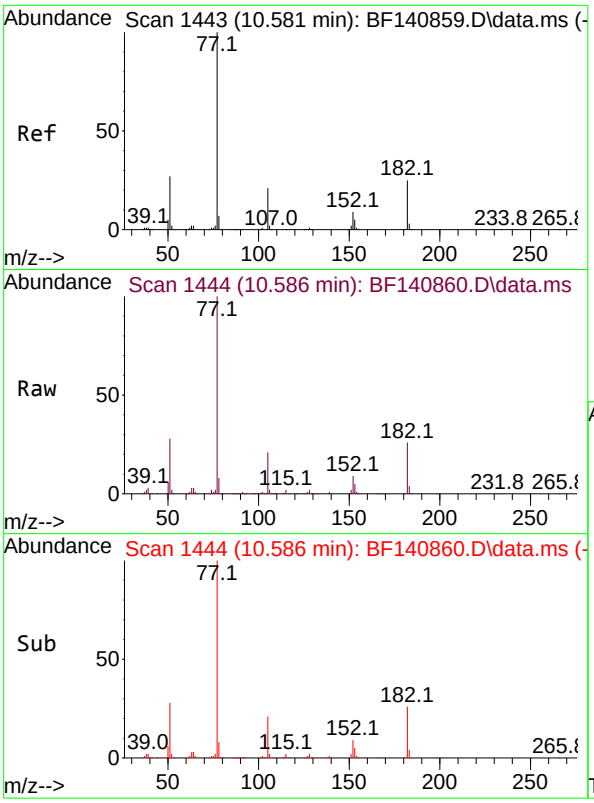


#62
4-Nitroaniline
Concen: 51.356 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:138 Resp: 148255

Ion	Ratio	Lower	Upper
138	100		
92	53.8	32.6	72.6
108	84.4	64.1	104.1



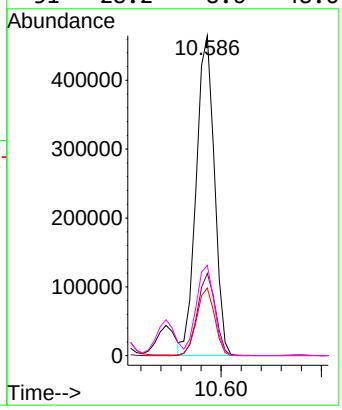


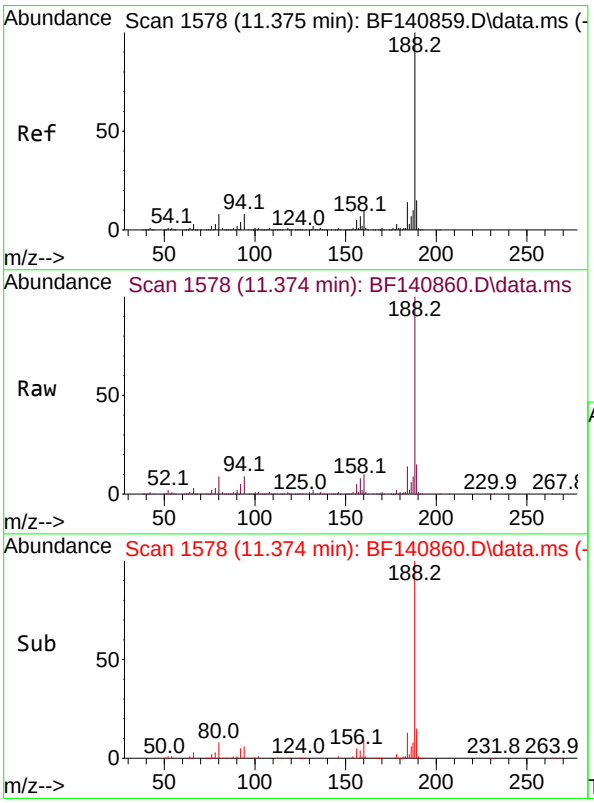
#63
Azobenzene
Concen: 49.412 ng
RT: 10.586 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 586556

Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.5	44.5
105	21.1	0.9	40.9
51	28.2	8.6	48.6

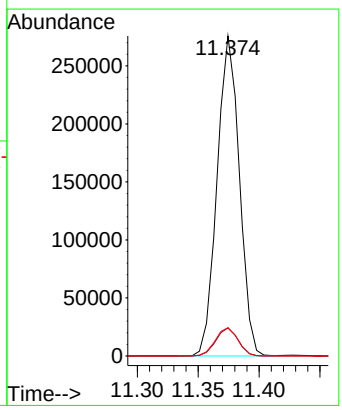


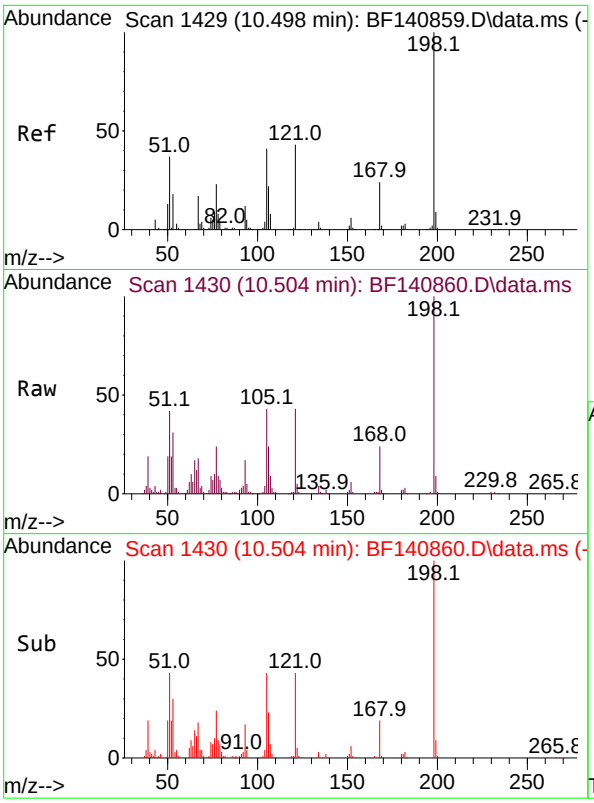


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:188 Resp: 351718

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.4	9.6
80	8.9	6.8	10.2



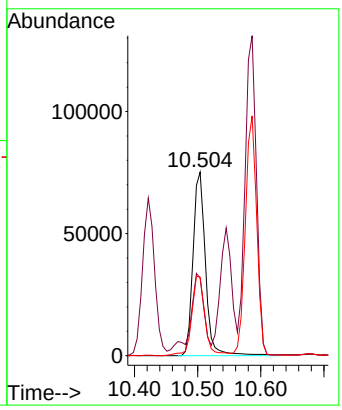


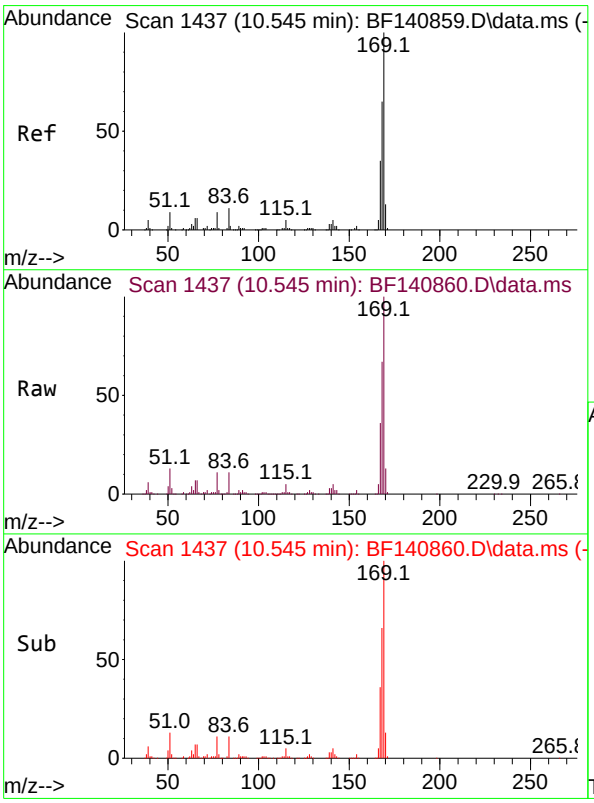
#65
4,6-Dinitro-2-methylphenol
Concen: 51.936 ng
RT: 10.504 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 103510

Ion	Ratio	Lower	Upper
198	100		
51	42.3	24.4	64.4
105	42.8	22.1	62.1

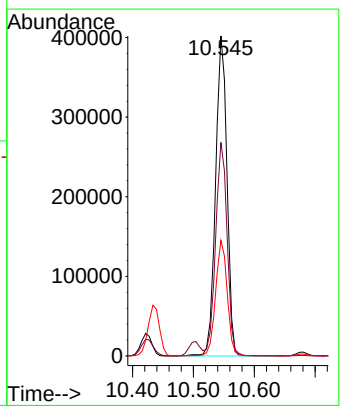


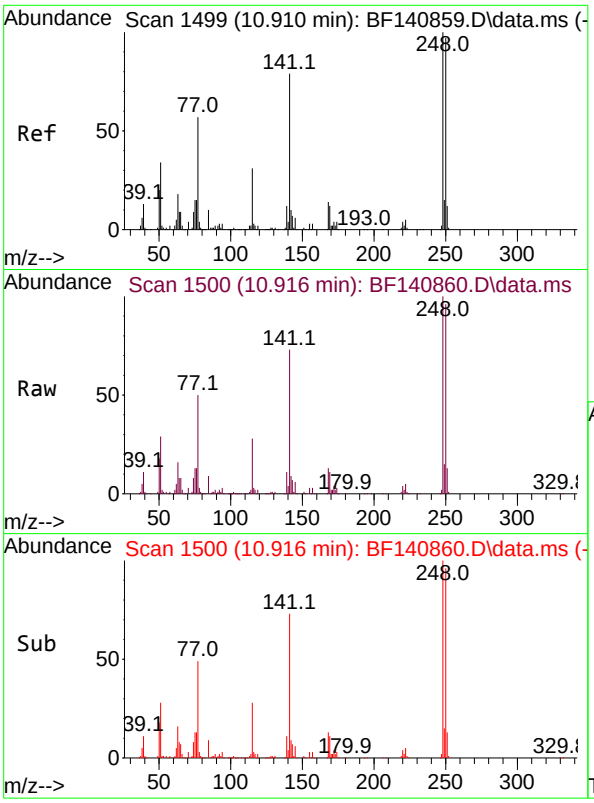


#66
n-Nitrosodiphenylamine
Concen: 48.132 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:169 Resp: 520491

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.0
167	36.1	28.3	42.5



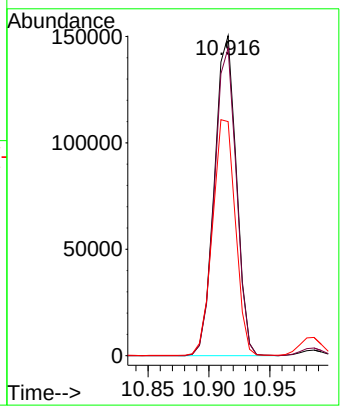


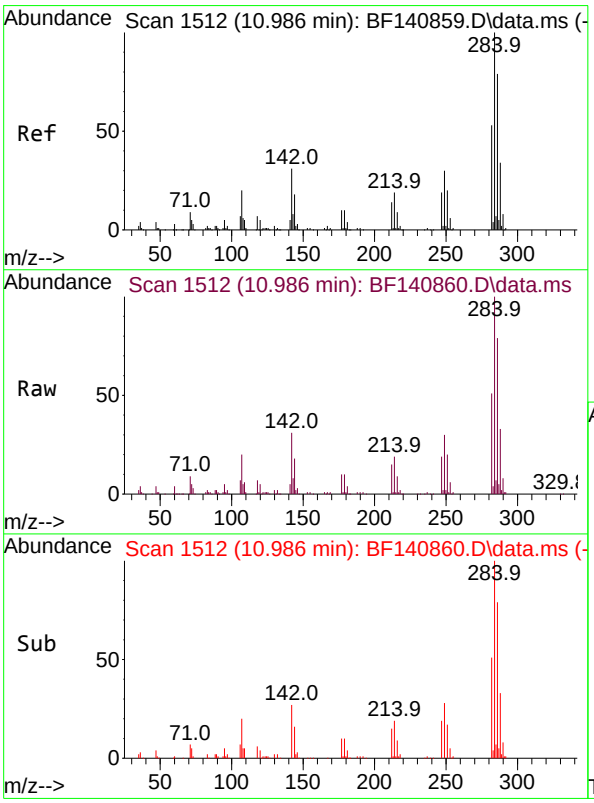
#67
4-Bromophenyl-phenylether
Concen: 47.888 ng
RT: 10.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 188429

Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.4	116.2
141	73.1	62.9	94.3

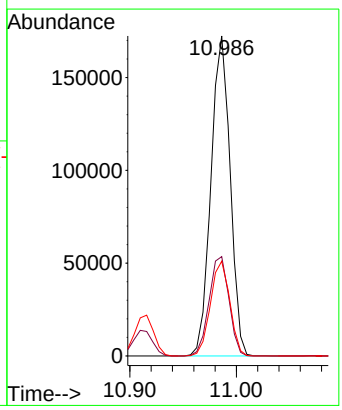


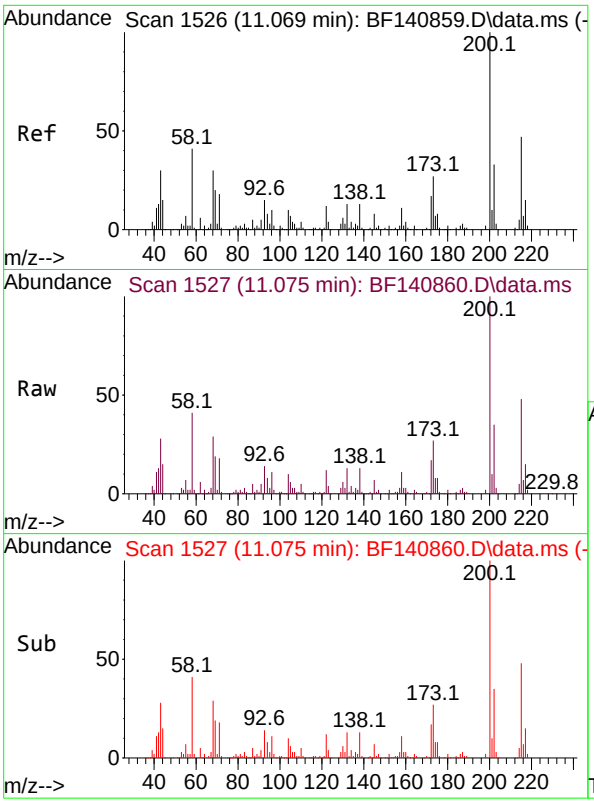


#68
Hexachlorobenzene
Concen: 48.252 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:284 Resp: 215259

Ion	Ratio	Lower	Upper
284	100		
142	31.0	24.6	36.8
249	29.6	24.3	36.5



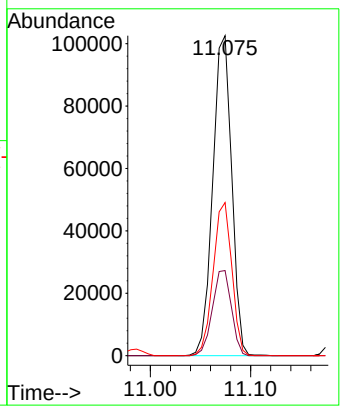


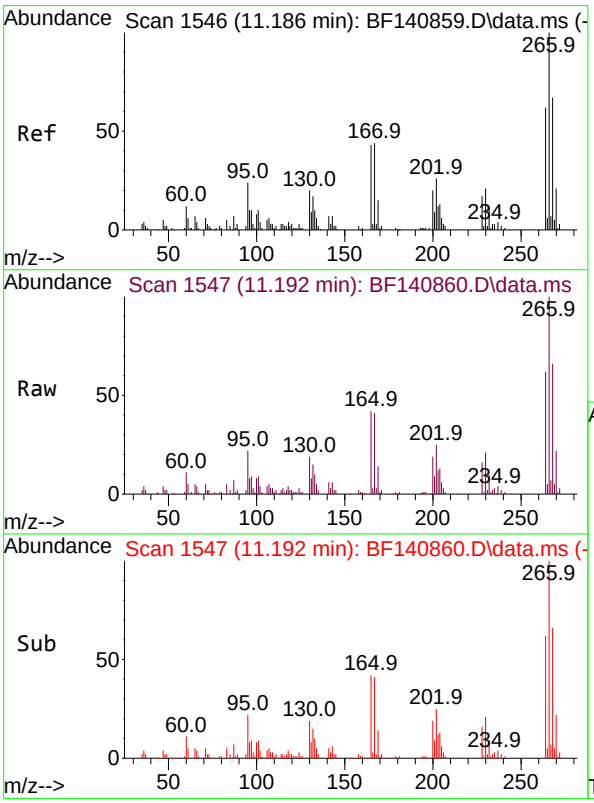
#69
Atrazine
Concen: 44.493 ng
RT: 11.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 134376

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	47.8	26.7	66.7

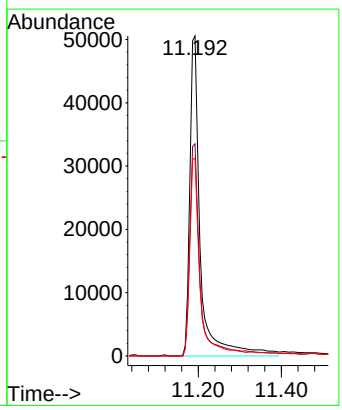


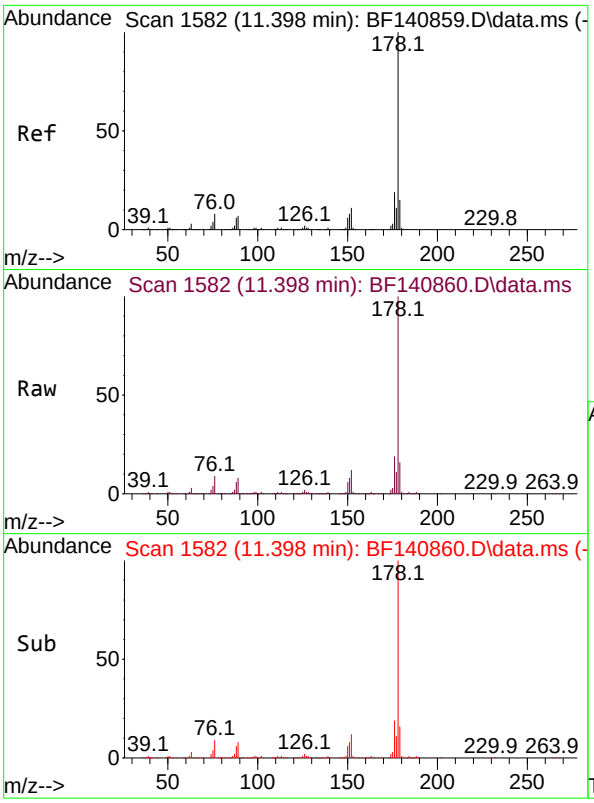


#70
Pentachlorophenol
Concen: 55.046 ng
RT: 11.192 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:266 Resp: 89834

Ion	Ratio	Lower	Upper
266	100		
268	66.3	54.0	81.0
264	61.8	49.4	74.2



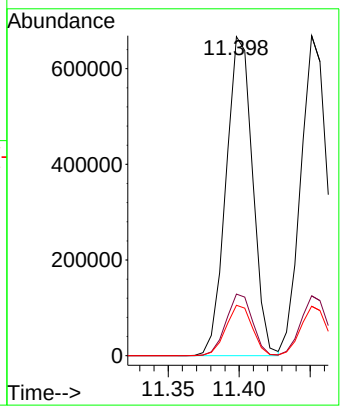


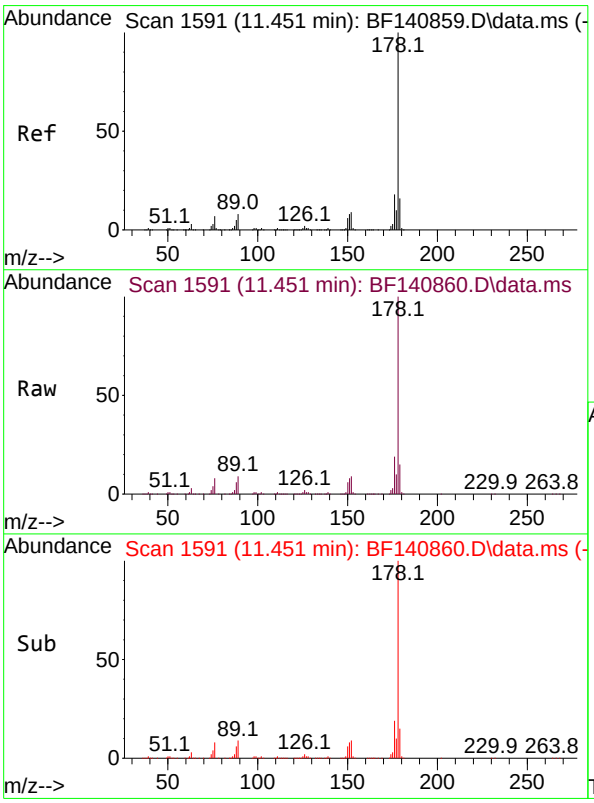
#71
Phenanthrene
Concen: 48.009 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 868333

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.1	18.1

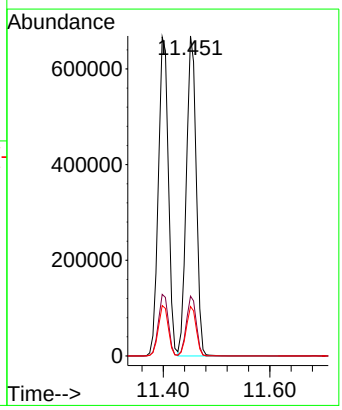


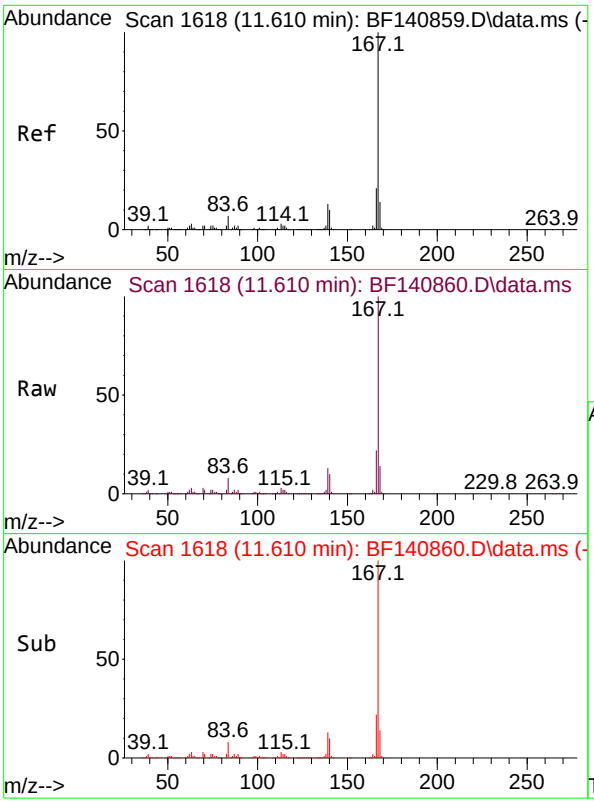


#72
Anthracene
Concen: 48.285 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:178 Resp: 860045

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.5	12.6	18.8



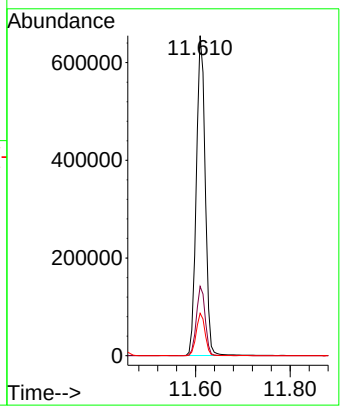


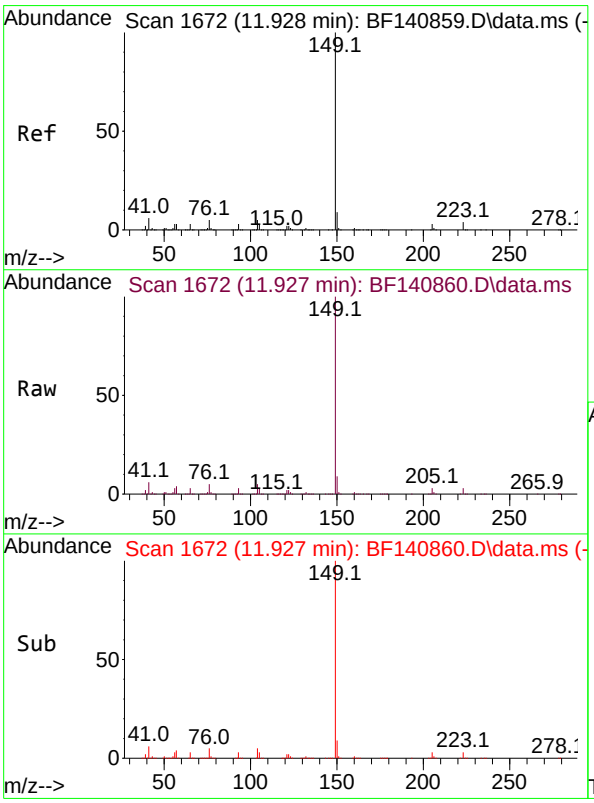
#73
Carbazole
Concen: 48.990 ng
RT: 11.610 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 854710

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	13.3	10.2	15.2

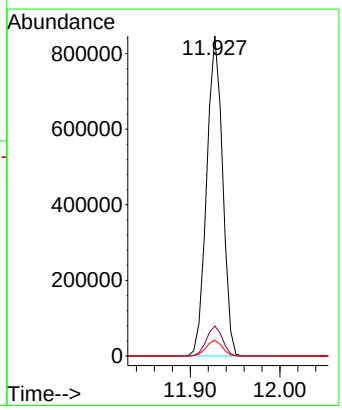


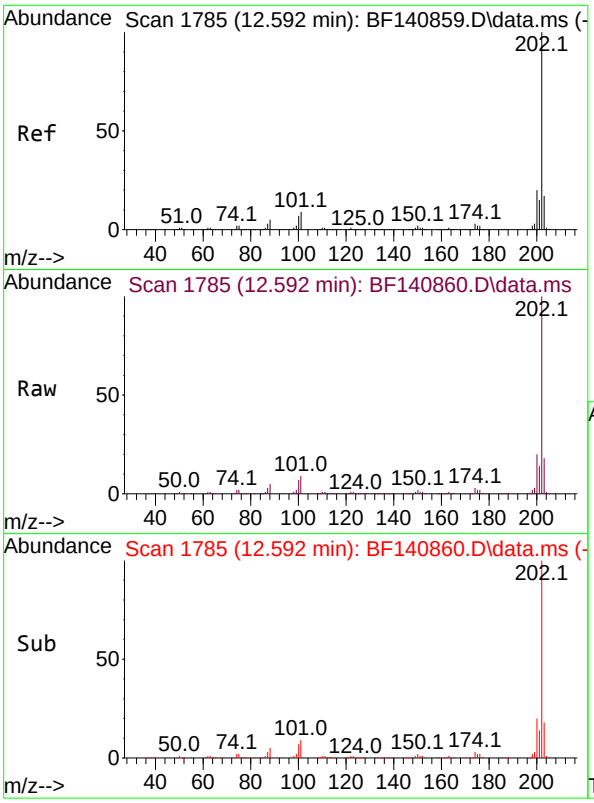


#74
Di-n-butylphthalate
Concen: 50.870 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:149 Resp: 1041587

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.9	3.8	5.8



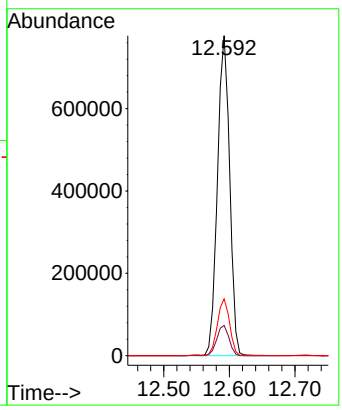


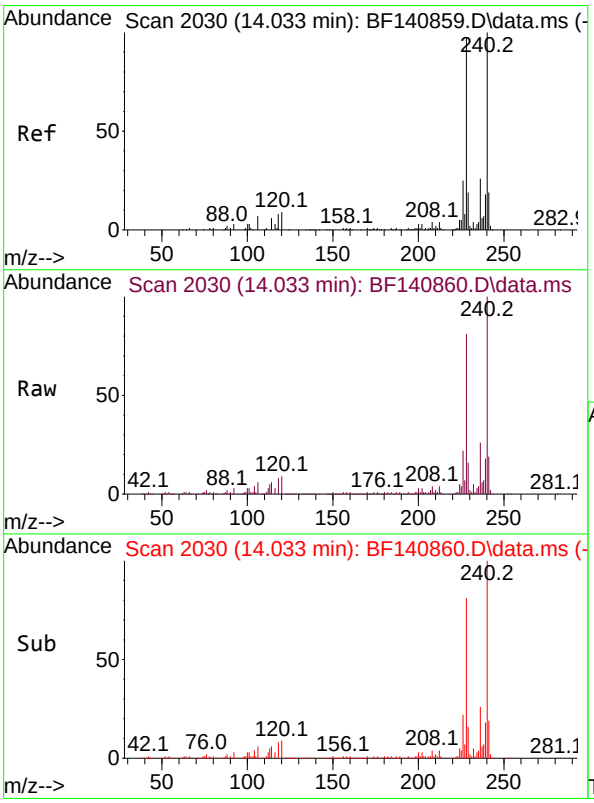
#75
Fluoranthene
Concen: 48.026 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 1000374

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.3
203	17.8	0.0	37.4

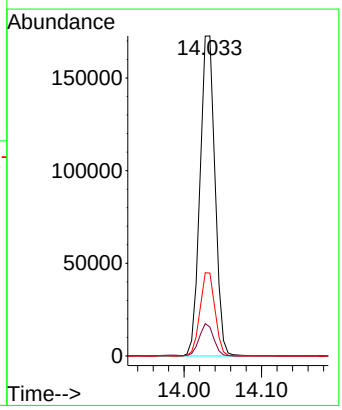


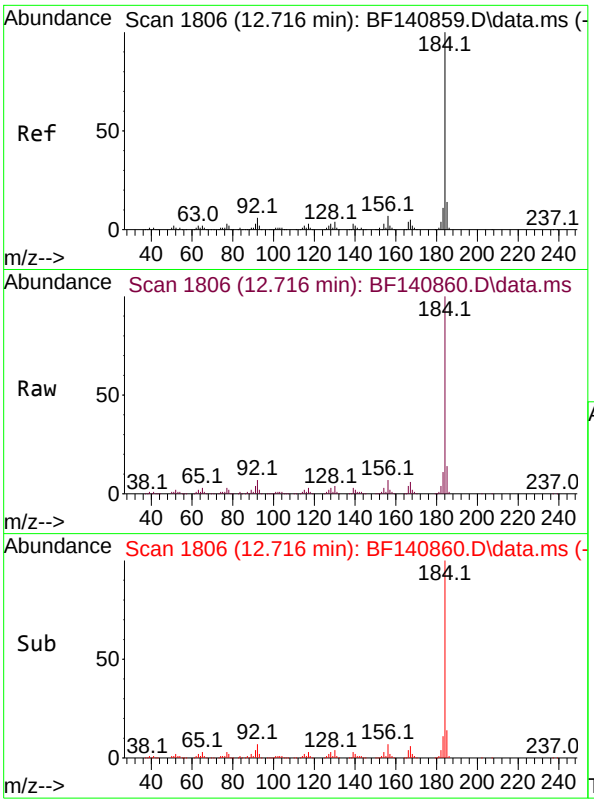


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:240 Resp: 231973

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.6	11.4
236	25.9	20.5	30.7



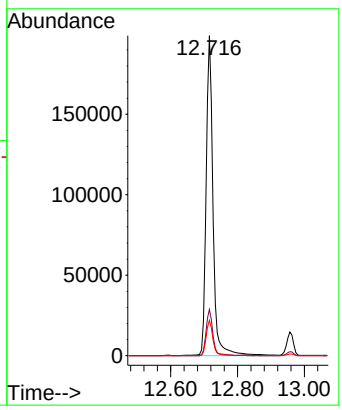


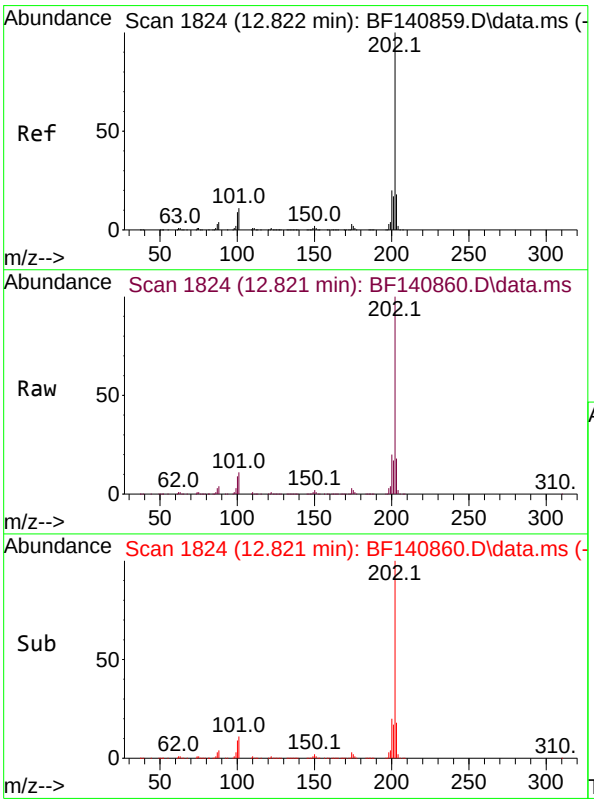
#77
Benzidine
Concen: 60.340 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 285677

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.1	16.7
183	11.1	9.0	13.4

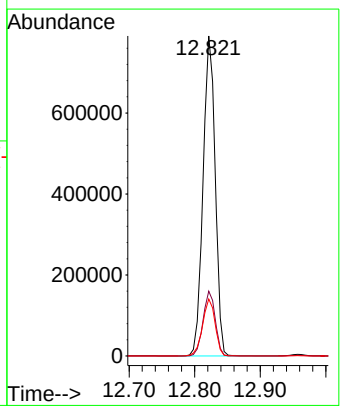


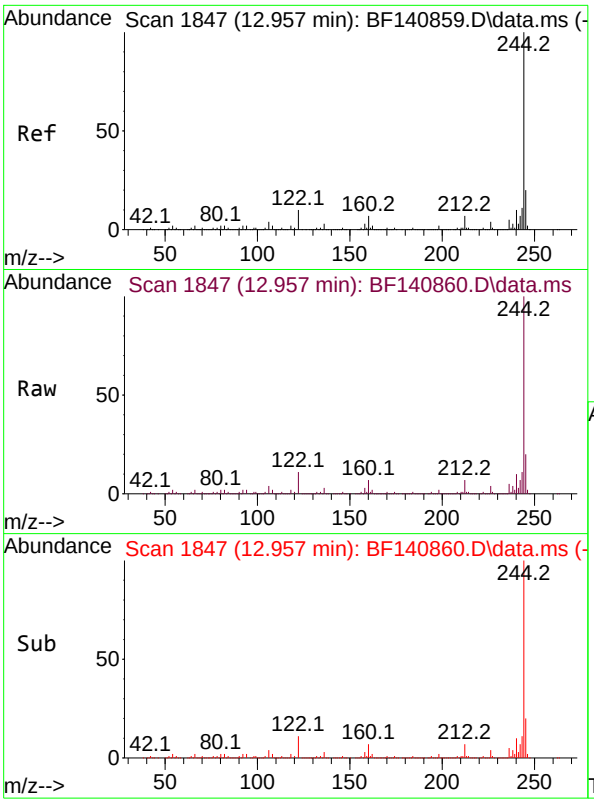


#78
Pyrene
Concen: 49.516 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:202 Resp: 1021434

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.1	24.1
203	17.8	14.2	21.4



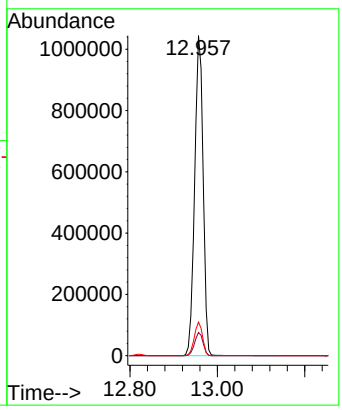


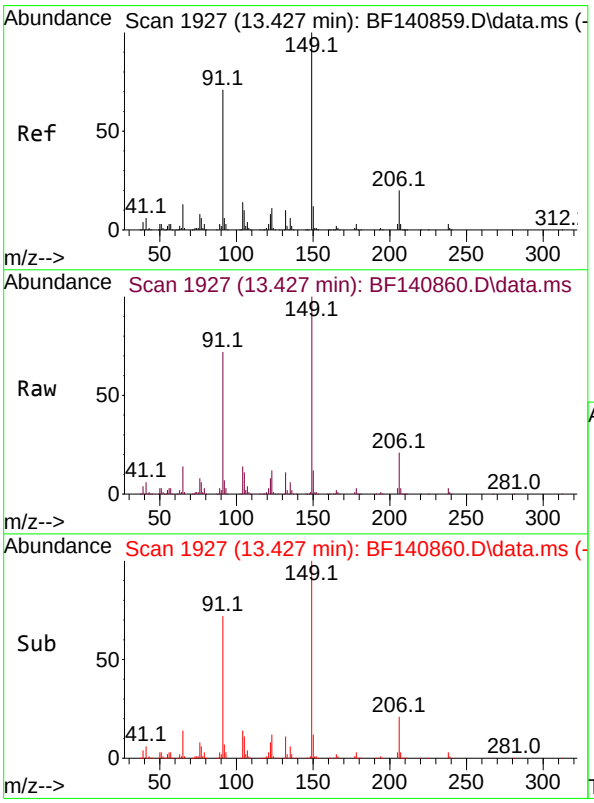
#79
Terphenyl-d14
Concen: 95.545 ng
RT: 12.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 1405567

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	10.5	8.2	12.2

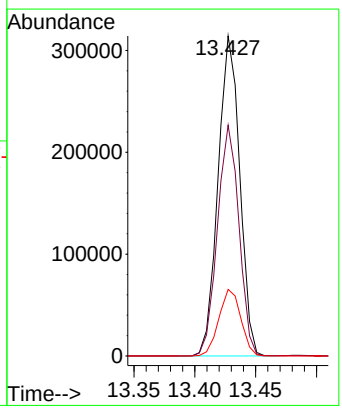


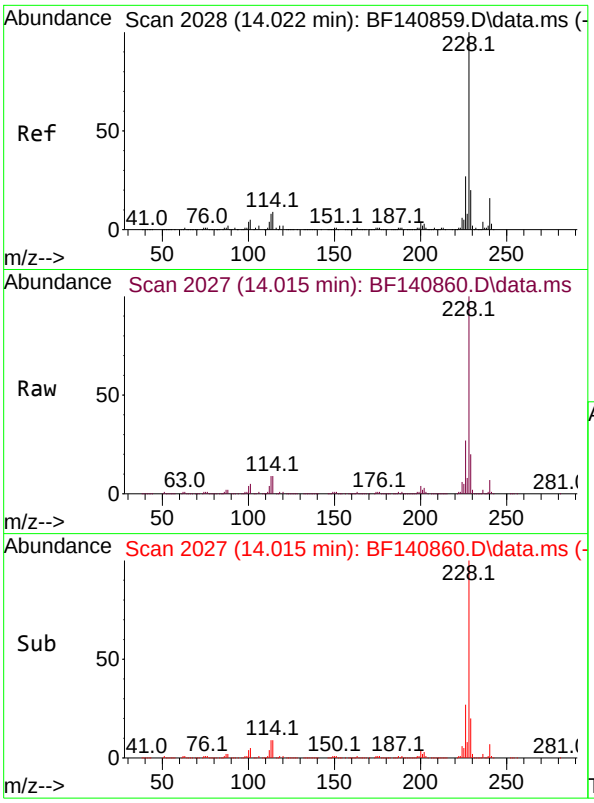


#80
Butylbenzylphthalate
Concen: 51.343 ng
RT: 13.427 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:149 Resp: 389705

Ion	Ratio	Lower	Upper
149	100		
91	72.1	56.7	85.1
206	20.8	16.4	24.6



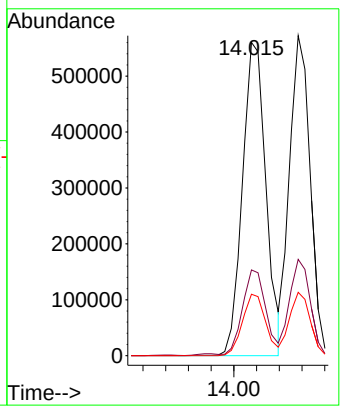


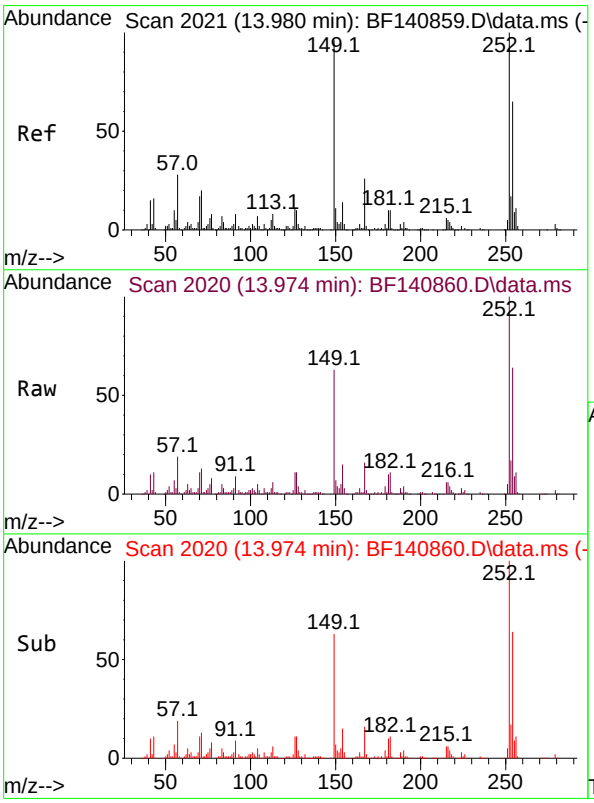
#81
Benzo(a)anthracene
Concen: 48.956 ng
RT: 14.015 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 804868

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.6	15.8	23.8

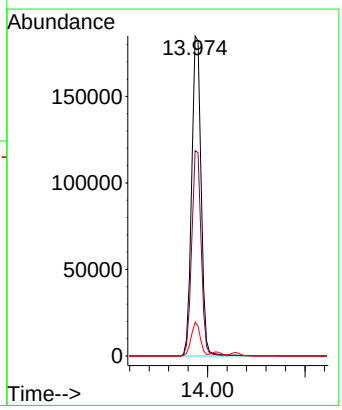


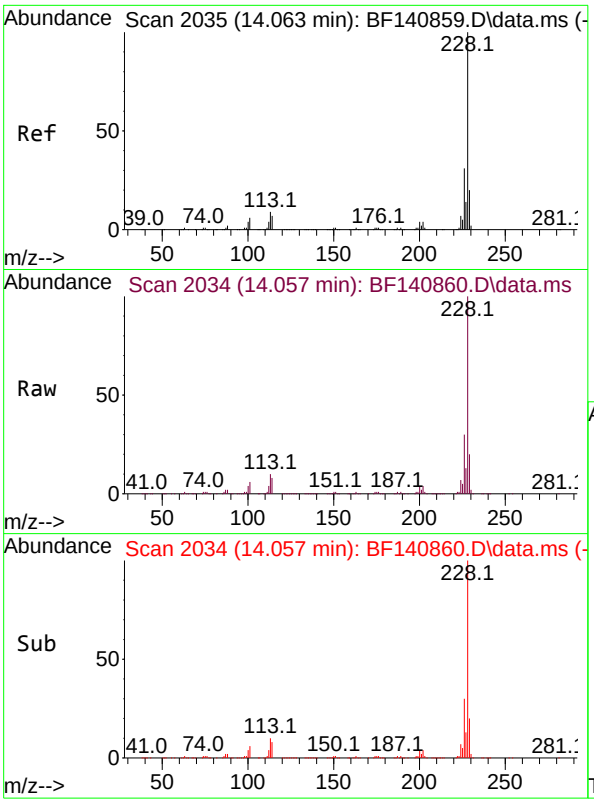


#82
3,3'-Dichlorobenzidine
Concen: 50.470 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:252 Resp: 250344

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.3	78.5
126	10.6	8.4	12.6



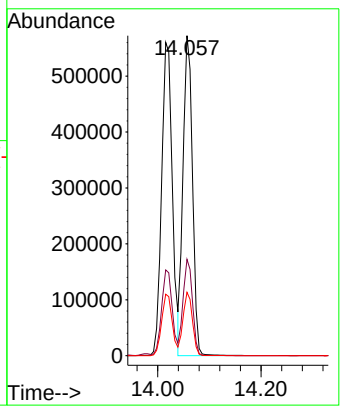


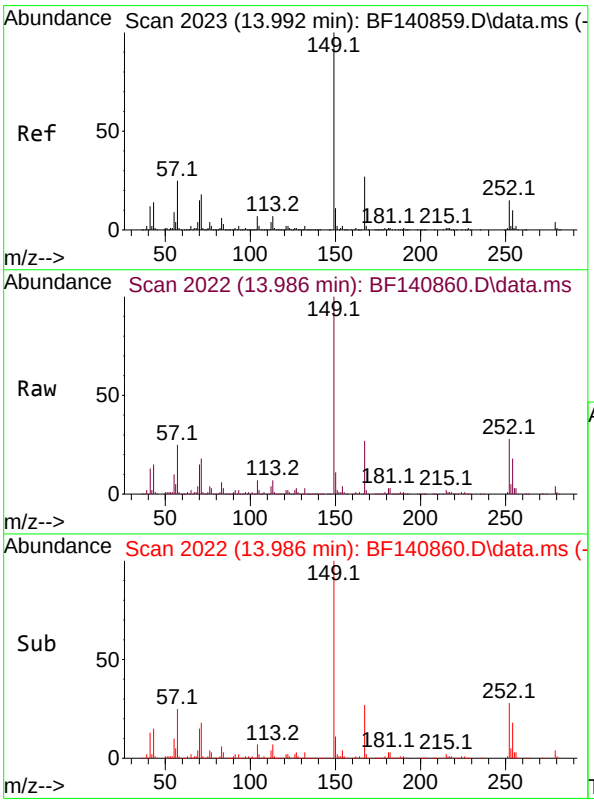
#83
Chrysene
Concen: 48.661 ng
RT: 14.057 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 727490

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.8	16.0	24.0

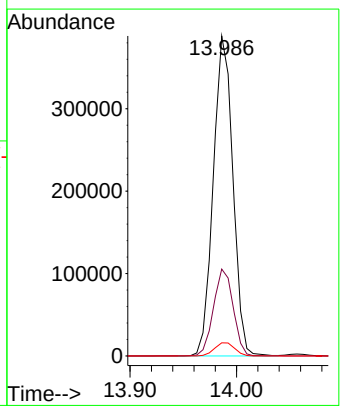


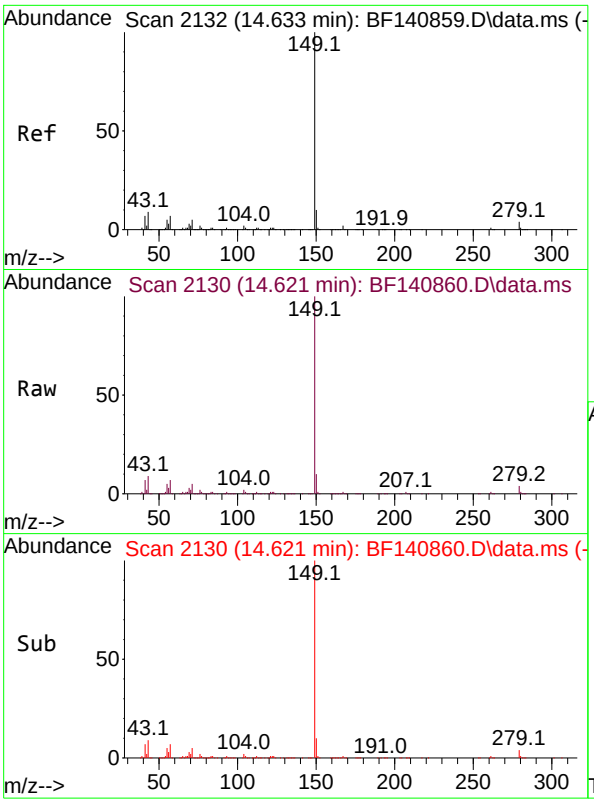


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.642 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:149 Resp: 495633

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.8
279	4.1	3.5	5.3



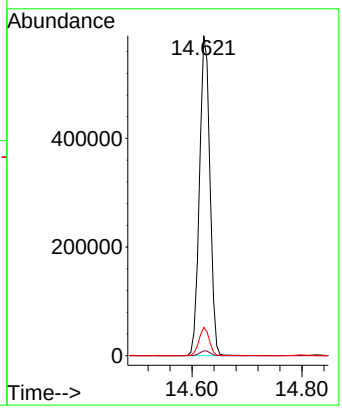


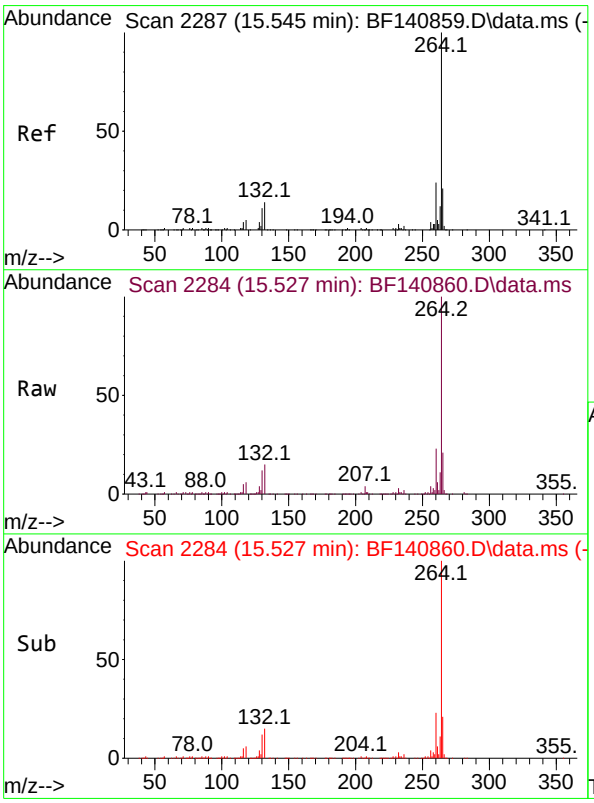
#85
Di-n-octyl phthalate
Concen: 52.530 ng
RT: 14.621 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 777794

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.8	7.0	10.6

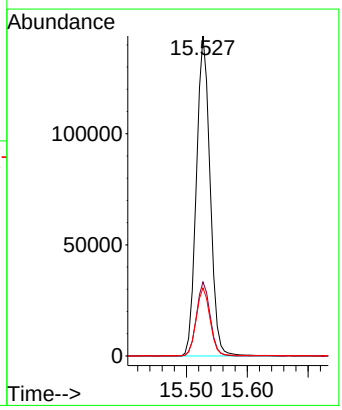


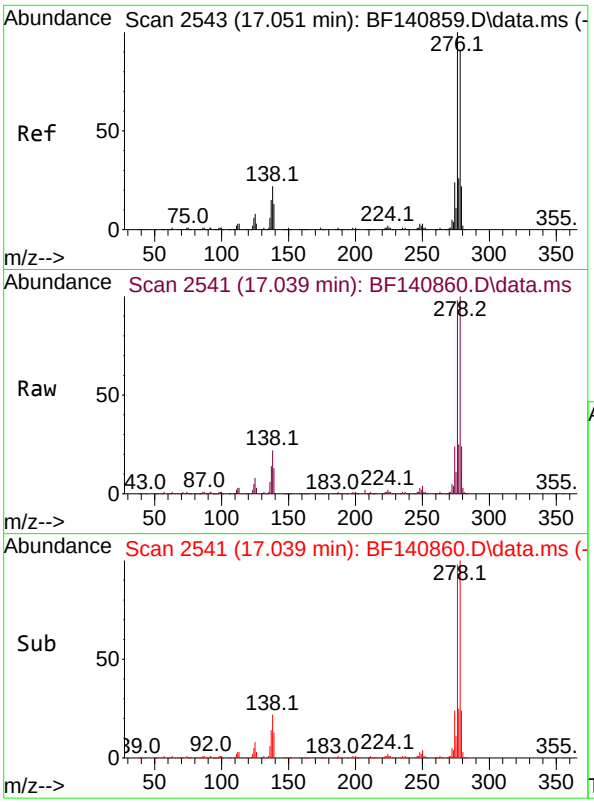


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:264 Resp: 225570

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.2	17.0	25.4



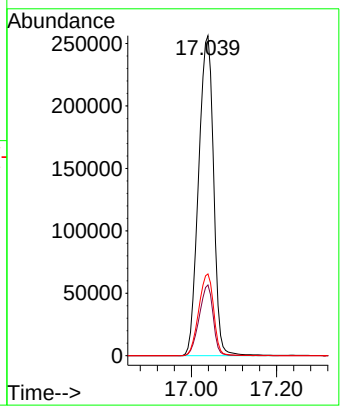


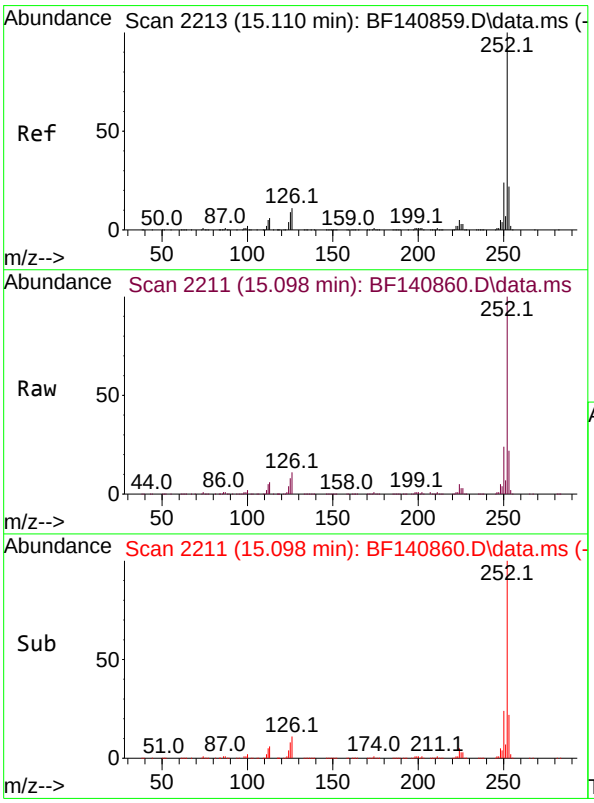
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.446 ng
RT: 17.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 625642

Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.9	25.3
277	25.4	20.2	30.4

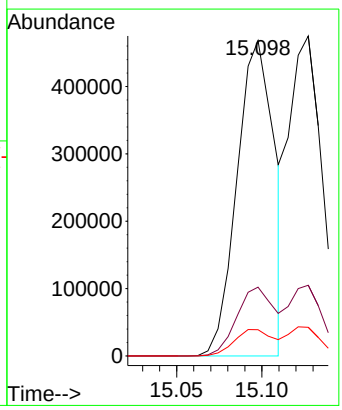


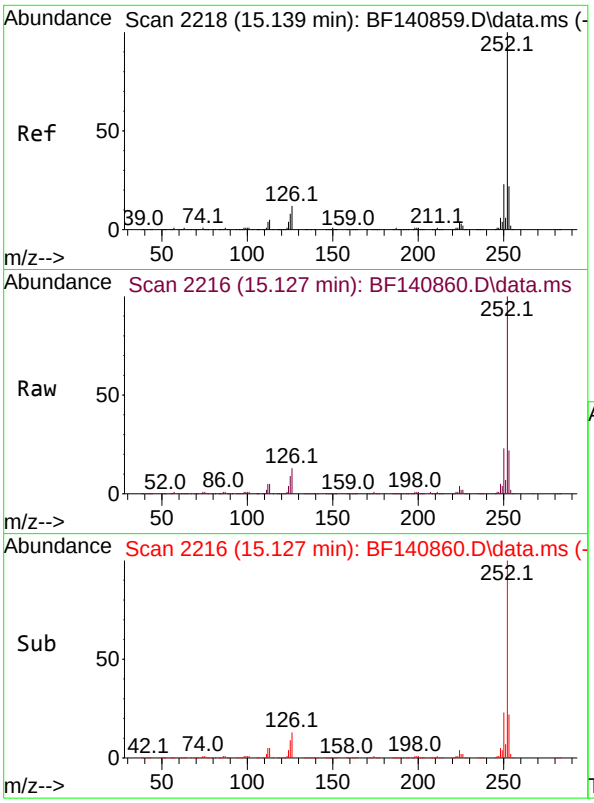


#88
Benzo(b)fluoranthene
Concen: 45.486 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:252 Resp: 712222

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.3	7.0	10.4



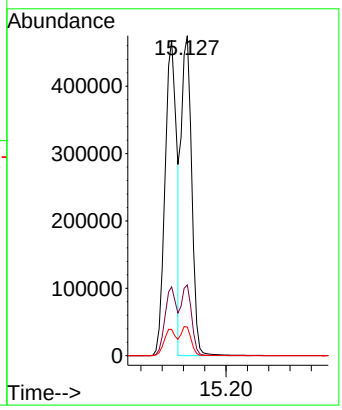


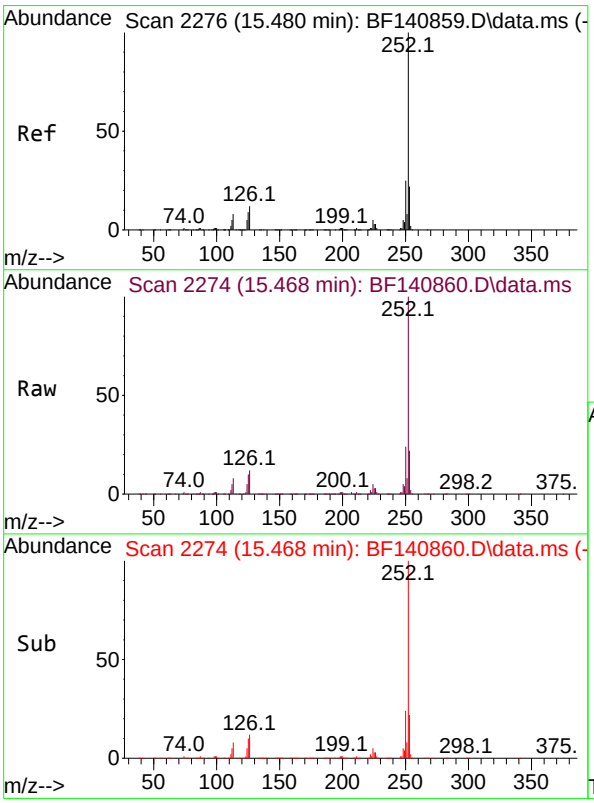
#89
Benzo(k)fluoranthene
Concen: 47.959 ng
RT: 15.127 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 644153

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	8.9	6.8	10.2

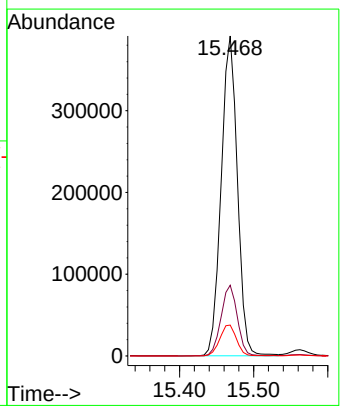


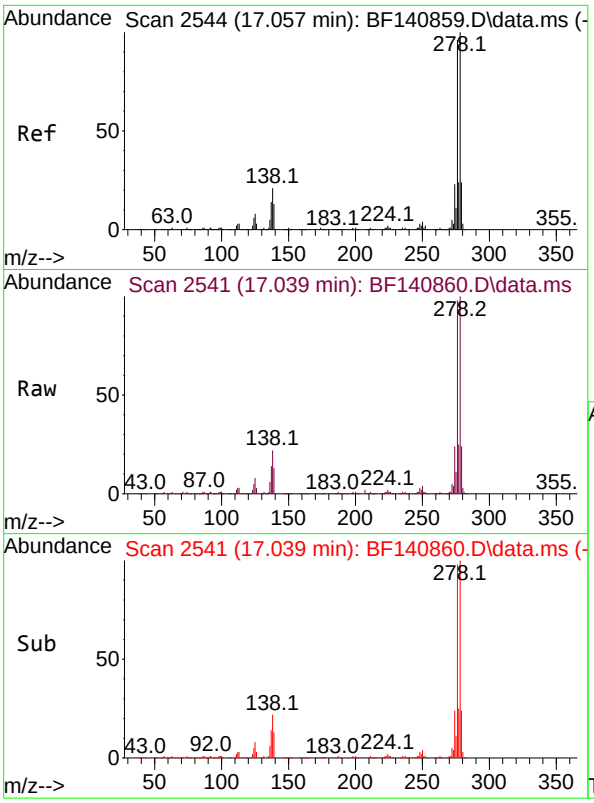


#90
Benzo(a)pyrene
Concen: 48.554 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.012 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:252 Resp: 595306

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.7	7.5	11.3



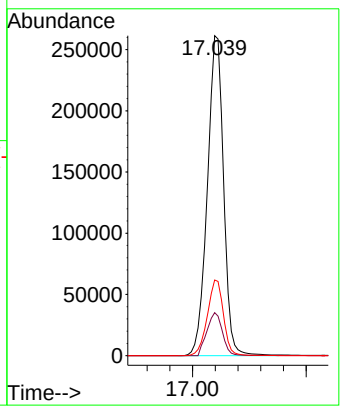


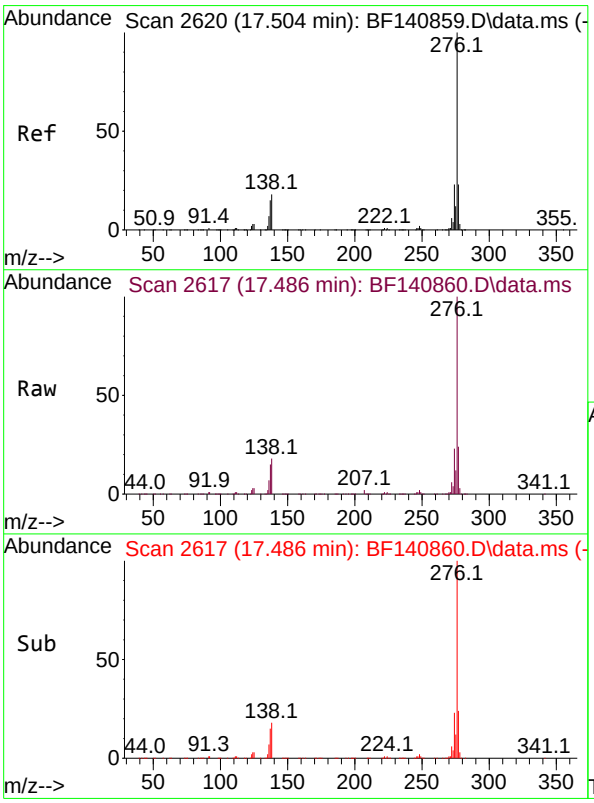
#91
Dibenzo(a,h)anthracene
Concen: 44.411 ng
RT: 17.039 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 517904

Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.6	16.0
279	23.7	19.2	28.8

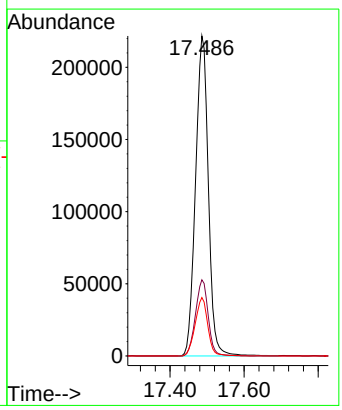




#92
Benzo(g,h,i)perylene
Concen: 44.846 ng
RT: 17.486 min Scan# 2617
Delta R.T. -0.018 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:276 Resp: 532268

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	18.2	14.2	21.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140861.D
Acq On : 16 Dec 2024 15:49
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Dec 16 16:51:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	71125	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	259532	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	148549	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	283911	20.000	ng	0.00
76) Chrysene-d12	14.033	240	189956	20.000	ng	0.00
86) Perylene-d12	15.527	264	161062	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	530122	122.696	ng	0.00
7) Phenol-d6	6.504	99	692405	120.993	ng	0.00
23) Nitrobenzene-d5	7.422	82	646998	124.724	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	216378	123.158	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1287749	119.184	ng	0.00
79) Terphenyl-d14	12.963	244	1435829	119.191	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	112534	60.469	ng	99
3) Pyridine	3.398	79	263425	61.121	ng	98
4) n-Nitrosodimethylamine	3.363	42	138309	63.658	ng	100
6) Aniline	6.522	93	292063	59.690	ng	95
8) 2-Chlorophenol	6.645	128	288270	61.183	ng	97
9) Benzaldehyde	6.410	77	170596	53.801	ng	99
10) Phenol	6.516	94	360221	60.734	ng	98
11) bis(2-Chloroethyl)ether	6.592	93	270334	61.117	ng	100
12) 1,3-Dichlorobenzene	6.792	146	326363	60.789	ng	98
13) 1,4-Dichlorobenzene	6.869	146	329906	60.537	ng	100
14) 1,2-Dichlorobenzene	7.022	146	306086	59.529	ng	98
15) Benzyl Alcohol	7.004	79	251539	61.475	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	307981	59.106	ng	89
17) 2-Methylphenol	7.116	107	227597	60.504	ng	100
18) Hexachloroethane	7.357	117	123680	60.962	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	202582	59.015	ng	99
20) 3+4-Methylphenols	7.275	107	297926	59.728	ng	93
22) Acetophenone	7.269	105	403586	62.164	ng	98
24) Nitrobenzene	7.439	77	334236	62.893	ng	99
25) Isophorone	7.681	82	544844	62.685	ng	100
26) 2-Nitrophenol	7.751	139	156696	64.020	ng	98
27) 2,4-Dimethylphenol	7.792	122	177170	61.982	ng	97
28) bis(2-Chloroethoxy)met...	7.880	93	332048	61.166	ng	98
29) 2,4-Dichlorophenol	8.004	162	246376	62.432	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	281649	62.258	ng	100
31) Naphthalene	8.151	128	874776	61.360	ng	100
32) Benzoic acid	7.957	122	184163	67.933	ng	98
33) 4-Chloroaniline	8.210	127	282583	59.681	ng	99
34) Hexachlorobutadiene	8.263	225	185962	61.097	ng	99
35) Caprolactam	8.604	113	71386	60.761	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	266211	59.935	ng	100
37) 2-Methylnaphthalene	8.845	142	559572	59.336	ng	100
38) 1-Methylnaphthalene	8.945	142	550027	58.973	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	277082	60.686	ng	100
41) Hexachlorocyclopentadiene	8.992	237	81340	60.032	ng	99
43) 2,4,6-Trichlorophenol	9.127	196	176148	63.005	ng	98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140861.D
Acq On : 16 Dec 2024 15:49
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Dec 16 16:51:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	189802	61.766 ng	99
46) 1,1'-Biphenyl	9.310	154	701999	59.429 ng	99
47) 2-Chloronaphthalene	9.333	162	537602	59.491 ng	98
48) 2-Nitroaniline	9.439	65	168378	61.695 ng	98
49) Acenaphthylene	9.751	152	794616	59.836 ng	100
50) Dimethylphthalate	9.610	163	631578	60.305 ng	99
51) 2,6-Dinitrotoluene	9.680	165	143106	59.771 ng	100
52) Acenaphthene	9.922	154	511499	60.297 ng	100
53) 3-Nitroaniline	9.857	138	144867	60.971 ng	99
54) 2,4-Dinitrophenol	9.969	184	71344	62.619 ng	98
55) Dibenzofuran	10.092	168	778085	59.193 ng	99
56) 4-Nitrophenol	10.033	139	78468	62.429 ng	94
57) 2,4-Dinitrotoluene	10.092	165	189784	60.246 ng	98
58) Fluorene	10.439	166	634898	58.546 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	158455	63.281 ng	99
60) Diethylphthalate	10.304	149	651190	59.961 ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	324333	59.539 ng	100
62) 4-Nitroaniline	10.474	138	150990	60.812 ng	98
63) Azobenzene	10.586	77	594674	58.245 ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	109821	68.263 ng	97
66) n-Nitrosodiphenylamine	10.551	169	532978	61.058 ng	99
67) 4-Bromophenyl-phenylether	10.916	248	196628	61.907 ng	97
68) Hexachlorobenzene	10.986	284	219687	61.005 ng	98
69) Atrazine	11.074	200	134000	54.965 ng	99
70) Pentachlorophenol	11.192	266	90656	68.816 ng	99
71) Phenanthrene	11.404	178	863112	59.118 ng	99
72) Anthracene	11.457	178	851368	59.213 ng	99
73) Carbazole	11.610	167	826415	58.682 ng	99
74) Di-n-butylphthalate	11.927	149	1009898	61.102 ng	99
75) Fluoranthene	12.592	202	1000773	59.520 ng	100
77) Benzidine	12.715	184	258833	66.762 ng	99
78) Pyrene	12.821	202	1008093	59.679 ng	100
80) Butylbenzylphthalate	13.427	149	387906	62.410 ng	99
81) Benzo(a)anthracene	14.021	228	808026	60.019 ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	254358	62.622 ng	97
83) Chrysene	14.062	228	731004	59.712 ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	507221	63.289 ng	99
85) Di-n-octyl phthalate	14.627	149	754409	62.220 ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	642591	63.934 ng	100
88) Benzo(b)fluoranthene	15.098	252	696582	62.306 ng	99
89) Benzo(k)fluoranthene	15.127	252	571329	59.574 ng	99
90) Benzo(a)pyrene	15.474	252	542075	61.920 ng	99
91) Dibenzo(a,h)anthracene	17.050	278	539476	64.789 ng	98
92) Benzo(g,h,i)perylene	17.498	276	530525	62.602 ng	99

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

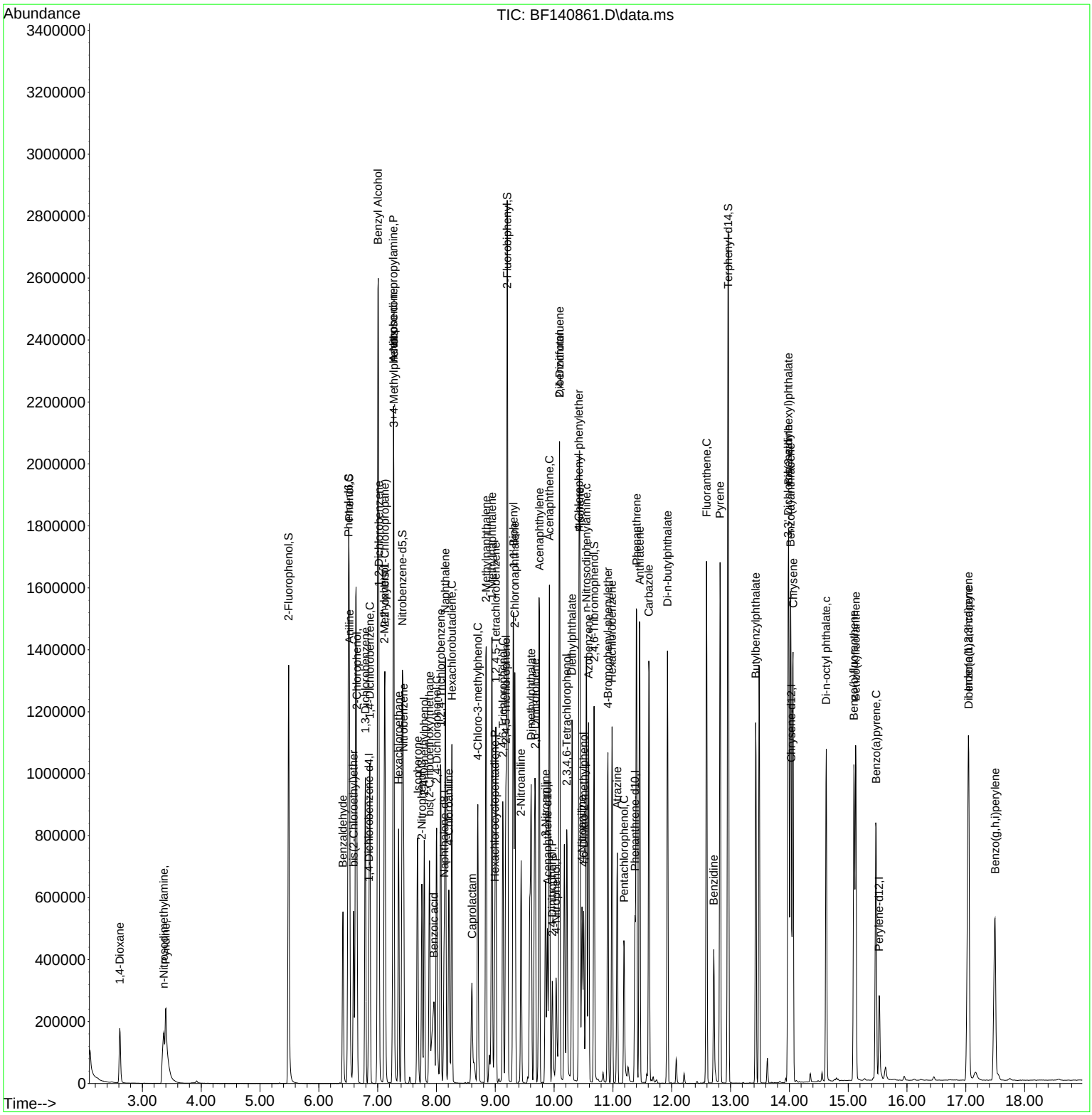
Quantitation Report (QT Reviewed)

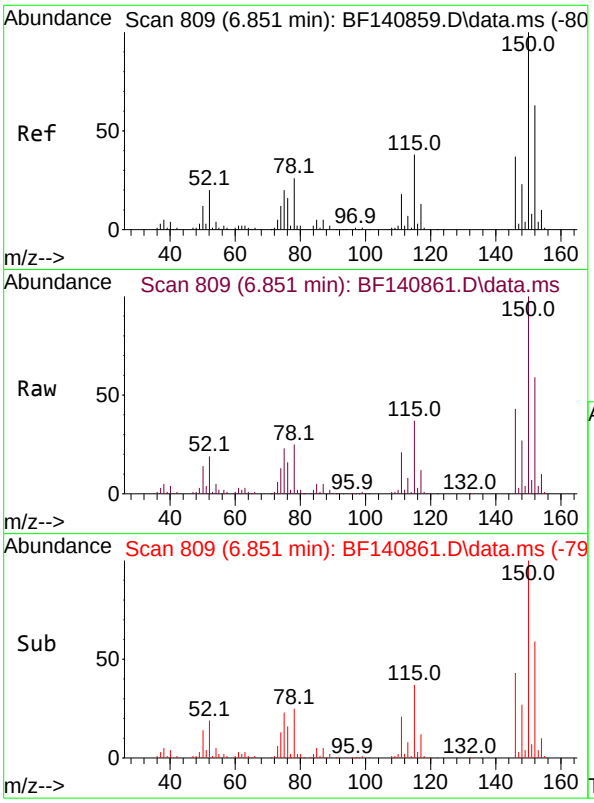
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140861.D
Acq On : 16 Dec 2024 15:49
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Dec 16 16:51:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



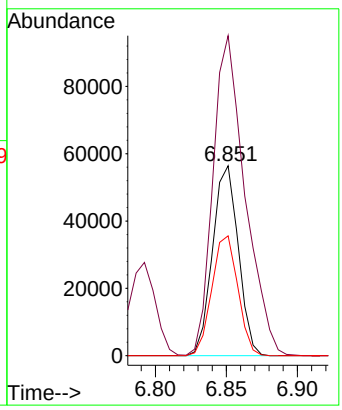


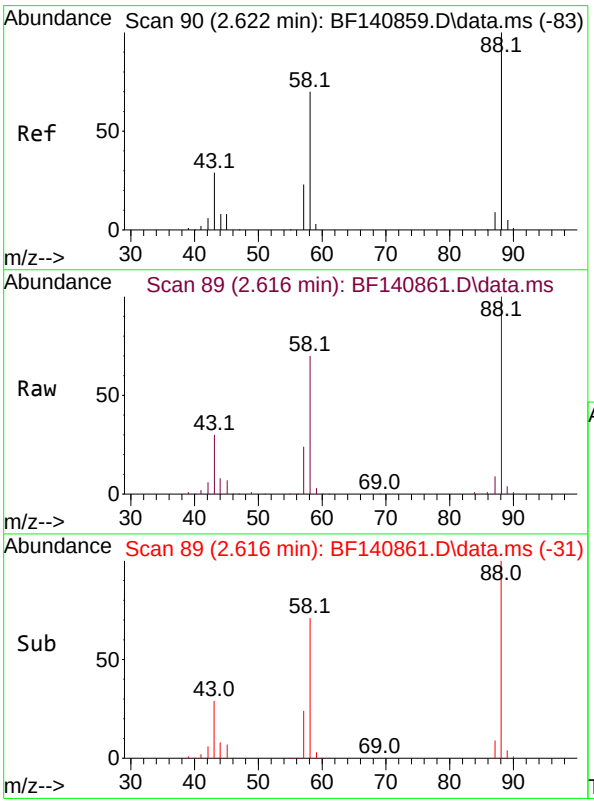
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 71125

Ion	Ratio	Lower	Upper
152	100		
150	168.5	127.9	191.9
115	63.1	48.0	72.0

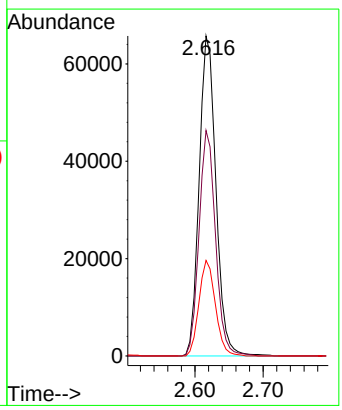


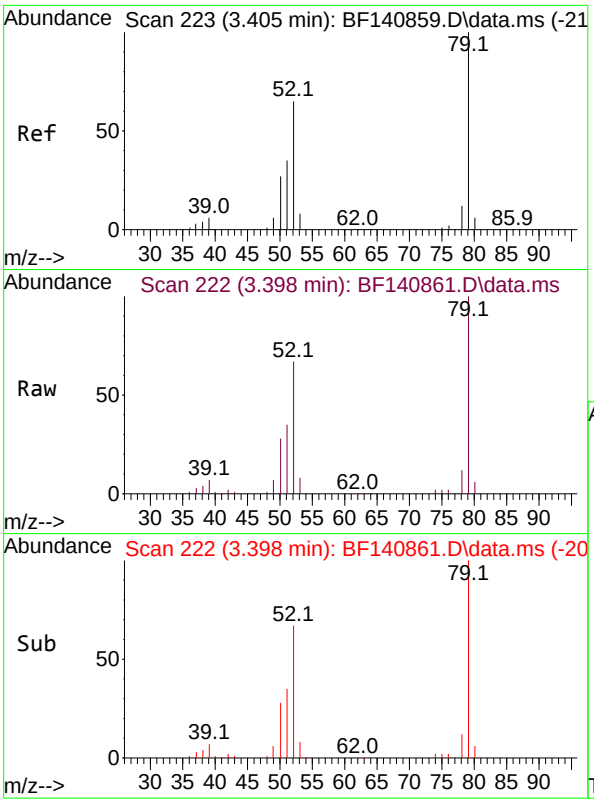


#2
1,4-Dioxane
Concen: 60.469 ng
RT: 2.616 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion: 88 Resp: 112534

Ion	Ratio	Lower	Upper
88	100		
58	69.2	55.8	83.8
43	29.3	22.7	34.1



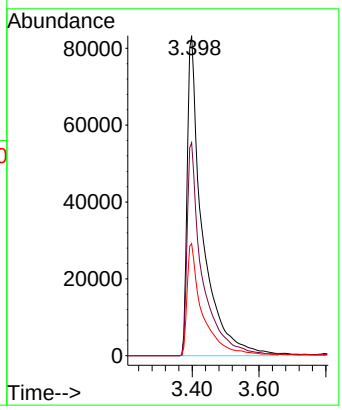


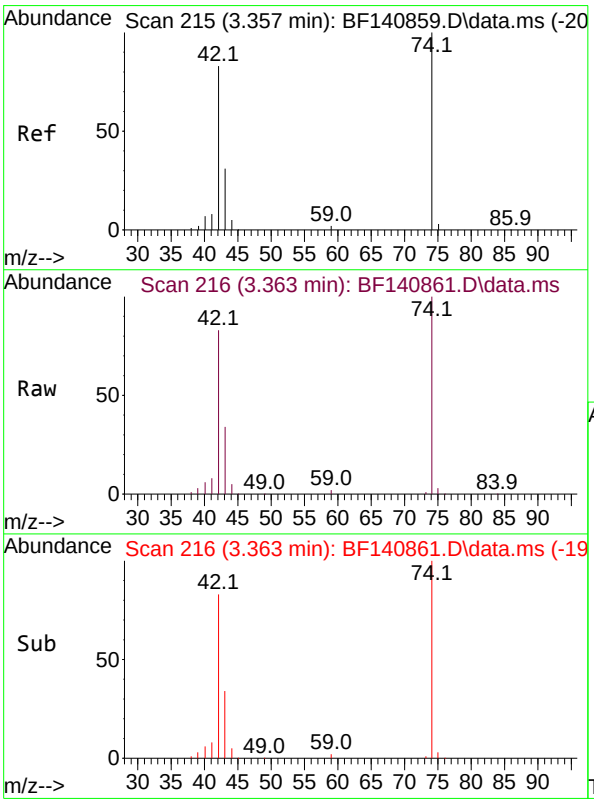
#3
Pyridine
Concen: 61.121 ng
RT: 3.398 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 263425

Ion	Ratio	Lower	Upper
79	100		
52	66.6	51.7	77.5
51	35.0	28.2	42.4

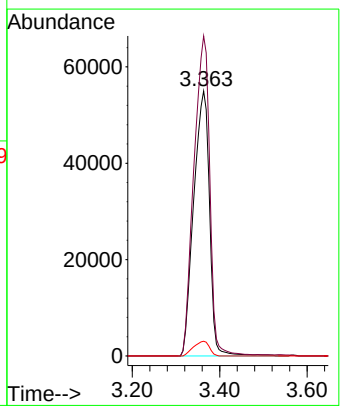


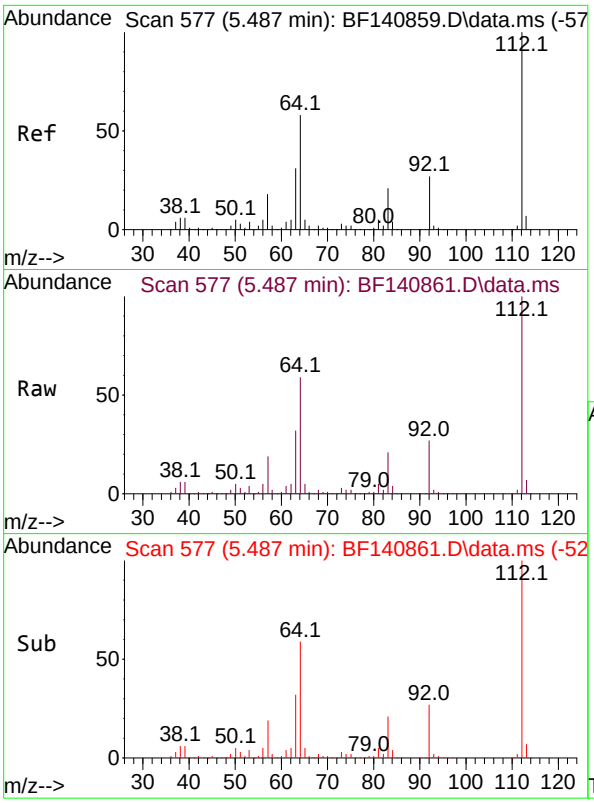


#4
n-Nitrosodimethylamine
Concen: 63.658 ng
RT: 3.363 min Scan# 216
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion: 42 Resp: 138309

Ion	Ratio	Lower	Upper
42	100		
74	120.7	96.9	145.3
44	5.6	4.4	6.6



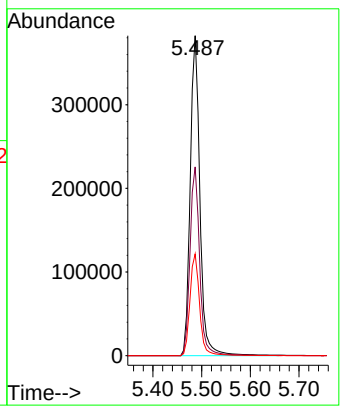


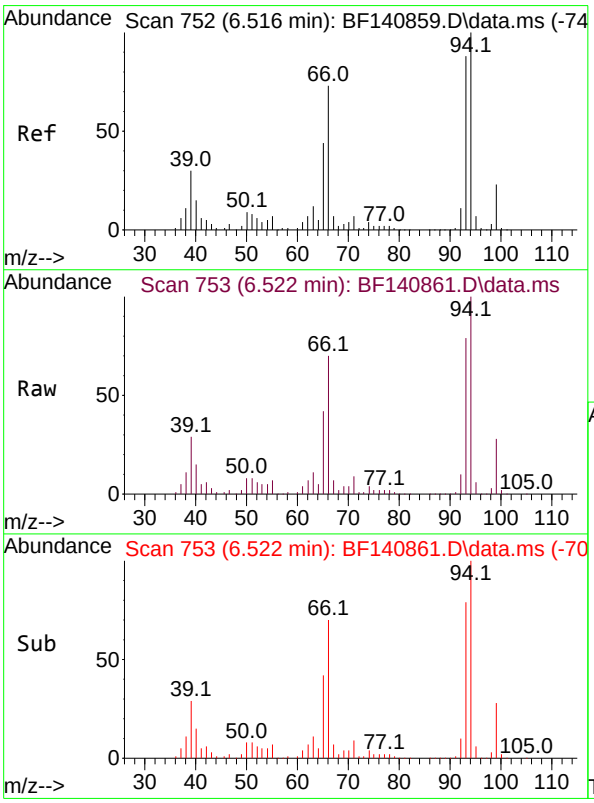
#5
2-Fluorophenol
Concen: 122.696 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 530122

Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.1	69.1
63	31.8	24.9	37.3

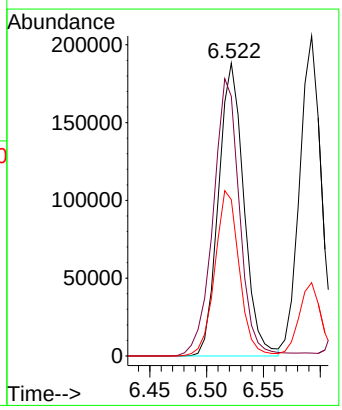


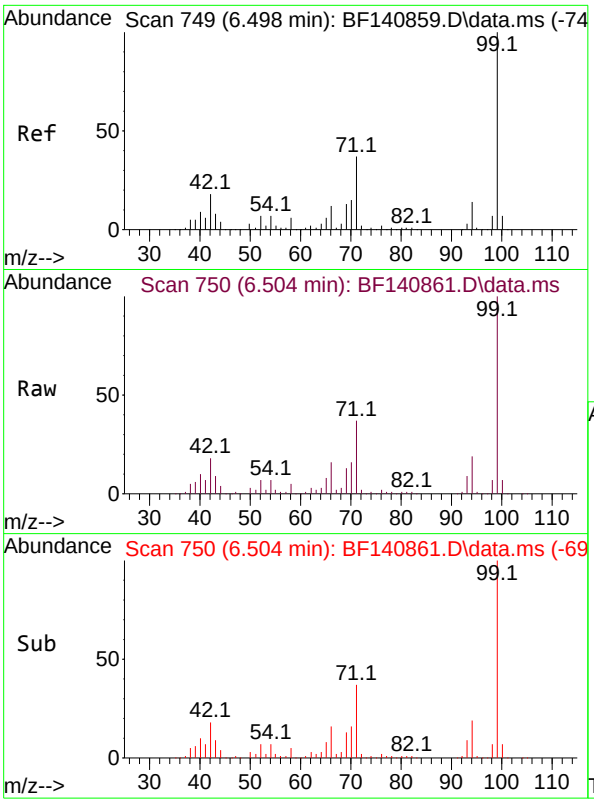


#6
Aniline
Concen: 59.690 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion: 93 Resp: 292063

Ion	Ratio	Lower	Upper
93	100		
66	88.6	67.0	100.4
65	53.4	40.4	60.6



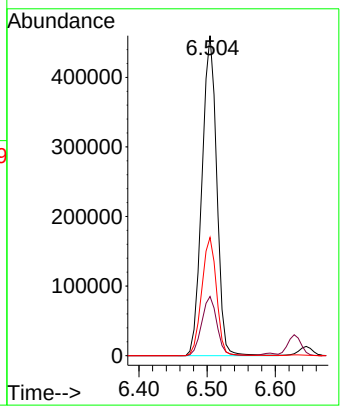


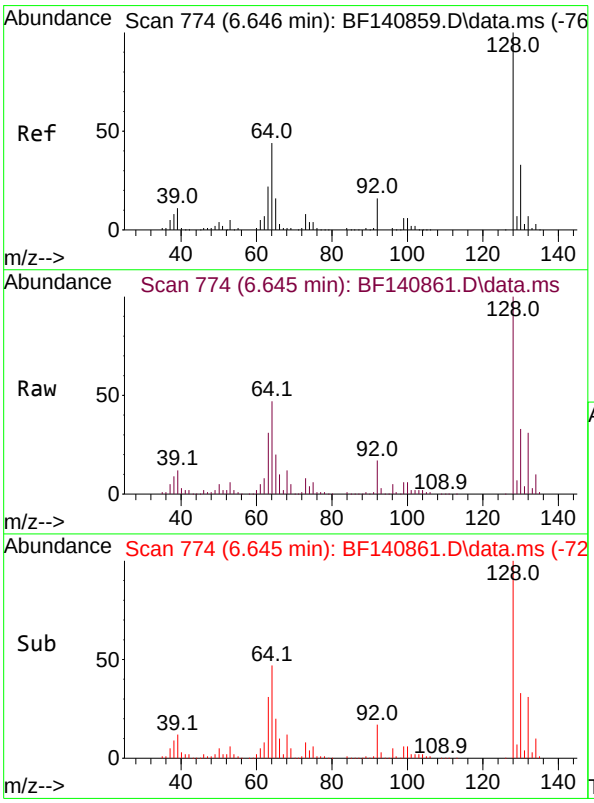
#7
Phenol-d6
Concen: 120.993 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 692405

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.3	21.5
71	36.9	29.9	44.9

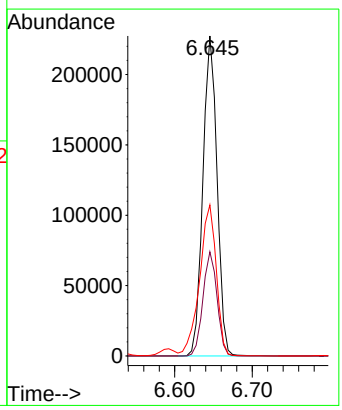


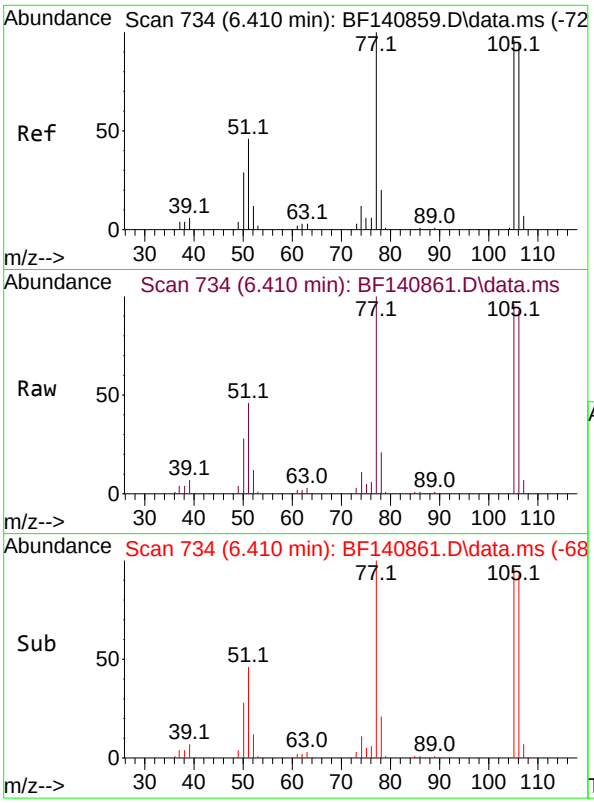


#8
2-Chlorophenol
Concen: 61.183 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:128 Resp: 288270

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	47.2	24.3	64.3



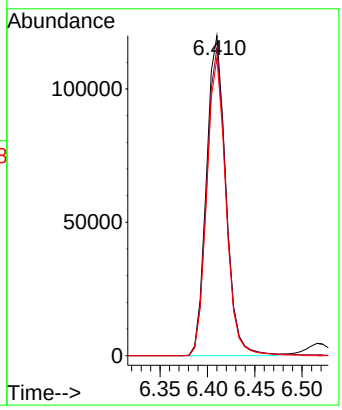


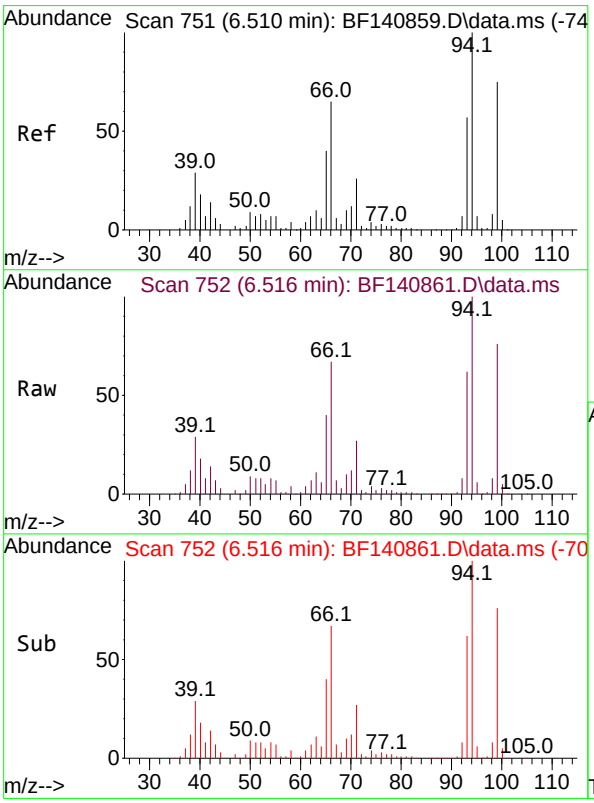
#9
Benzaldehyde
Concen: 53.801 ng
RT: 6.410 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 170596

Ion	Ratio	Lower	Upper
77	100		
105	96.2	75.8	115.8
106	93.0	74.1	114.1

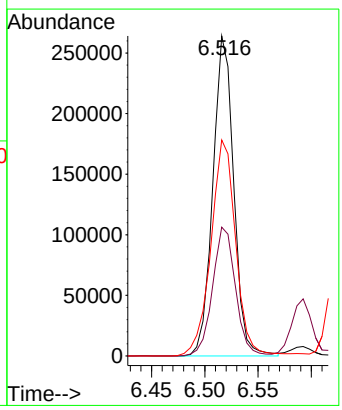


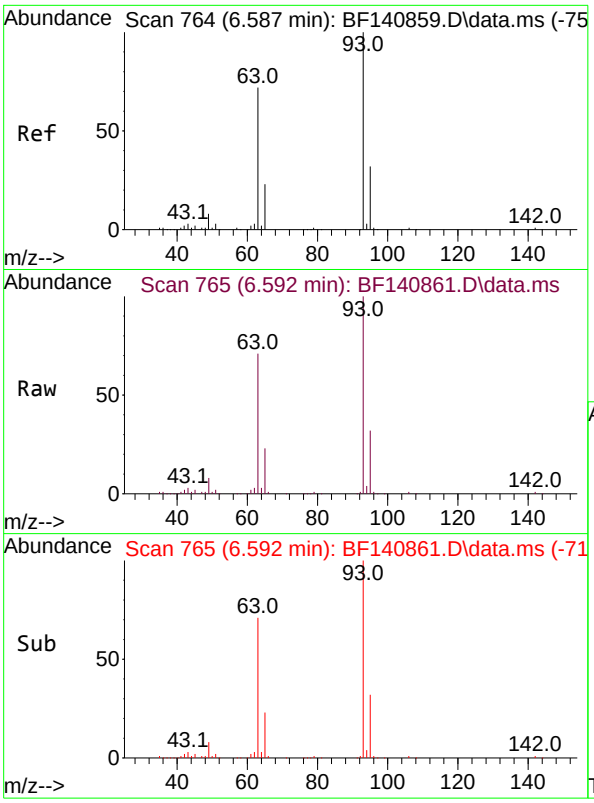


#10
Phenol
Concen: 60.734 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion: 94 Resp: 360221

Ion	Ratio	Lower	Upper
94	100		
65	40.2	19.9	59.9
66	67.5	45.6	85.6



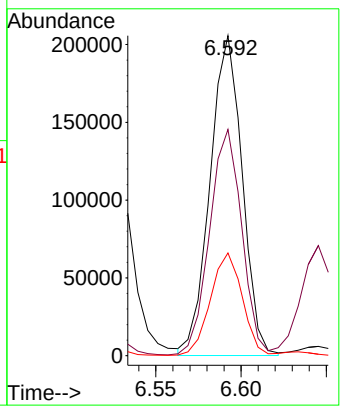


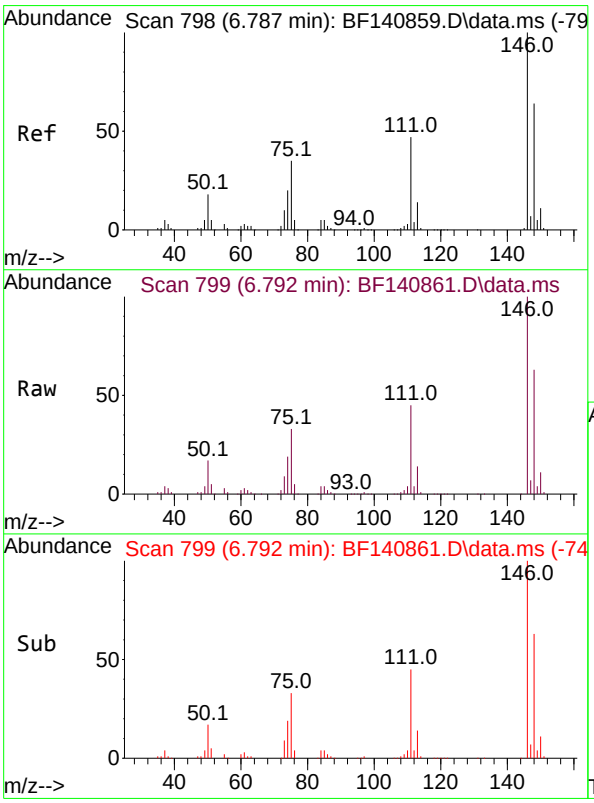
#11
bis(2-Chloroethyl)ether
Concen: 61.117 ng
RT: 6.592 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 270334

Ion	Ratio	Lower	Upper
93	100		
63	70.7	51.0	91.0
95	32.1	12.0	52.0

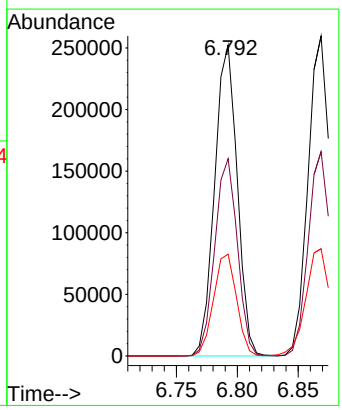


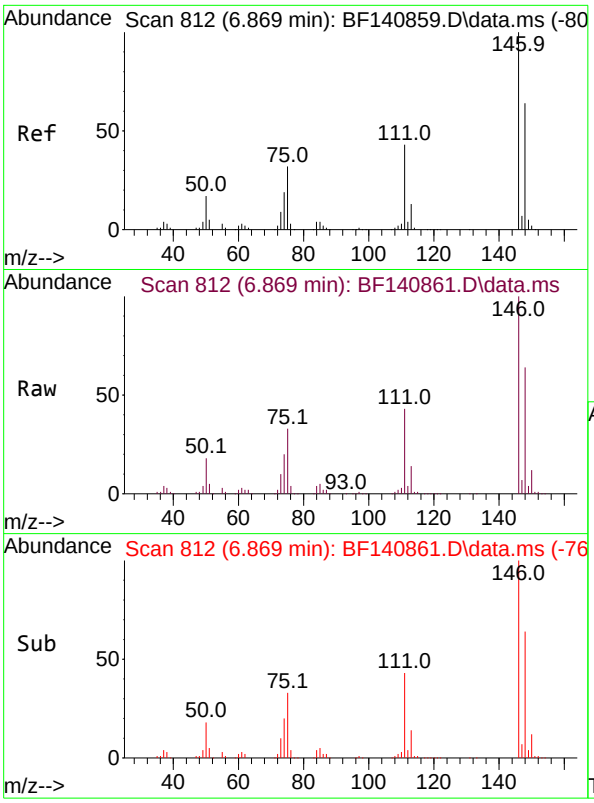


#12
1,3-Dichlorobenzene
Concen: 60.789 ng
RT: 6.792 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:146 Resp: 326363

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.6
75	32.7	28.1	42.1



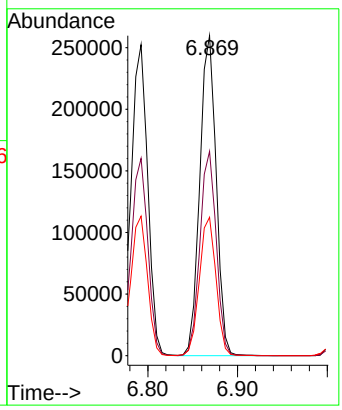


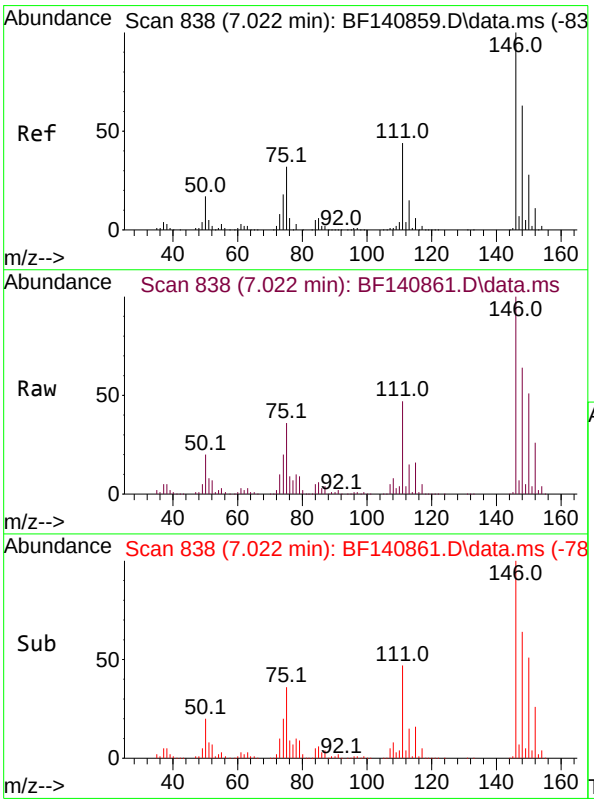
#13
1,4-Dichlorobenzene
Concen: 60.537 ng
RT: 6.869 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 329906

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
111	43.3	34.4	51.6

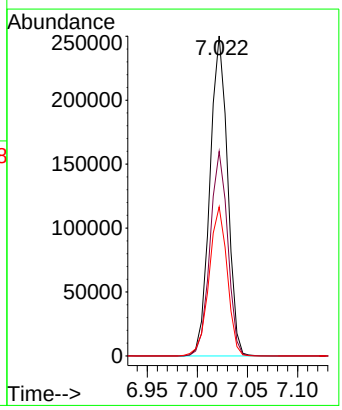


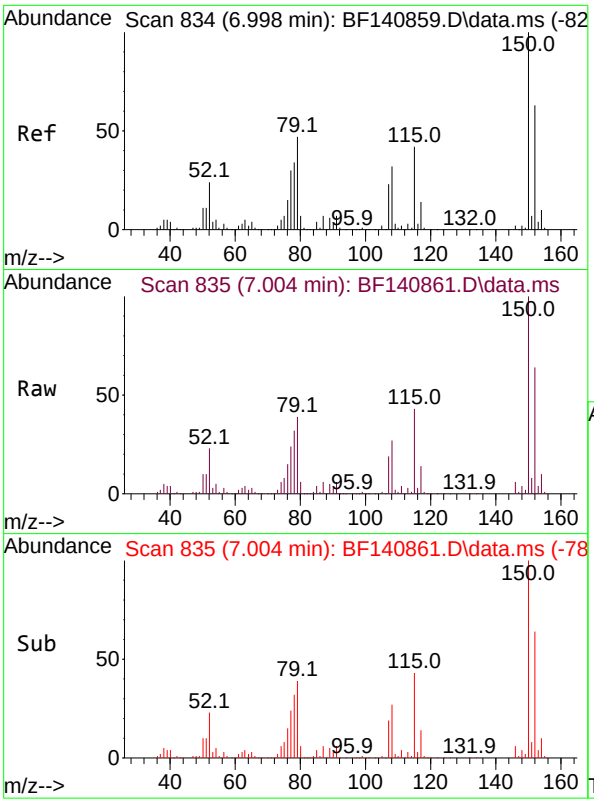


#14
1,2-Dichlorobenzene
Concen: 59.529 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:146 Resp: 306086

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.0	75.0
111	46.6	35.6	53.4



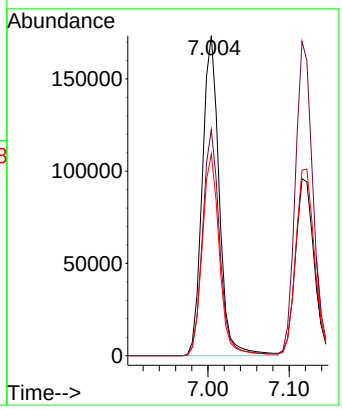


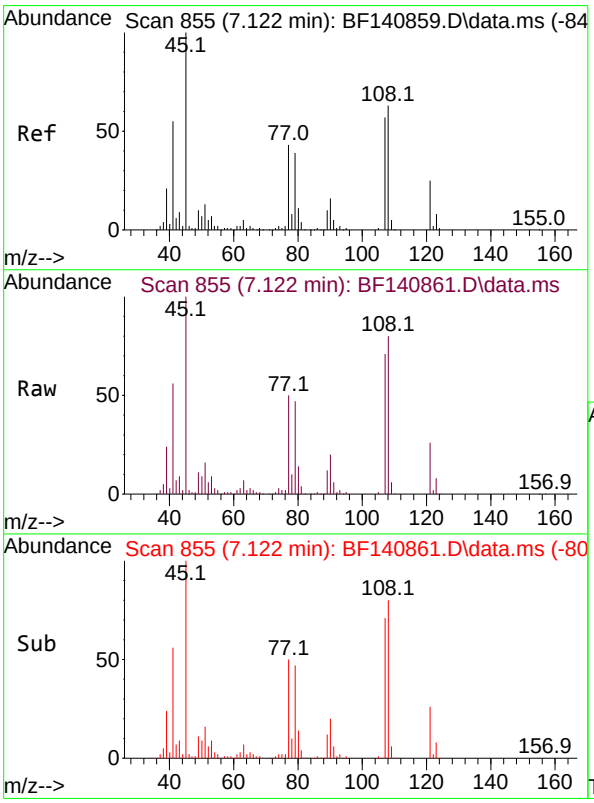
#15
Benzyl Alcohol
Concen: 61.475 ng
RT: 7.004 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 251539

Ion	Ratio	Lower	Upper
79	100		
108	70.6	55.1	82.7
77	63.0	50.6	76.0

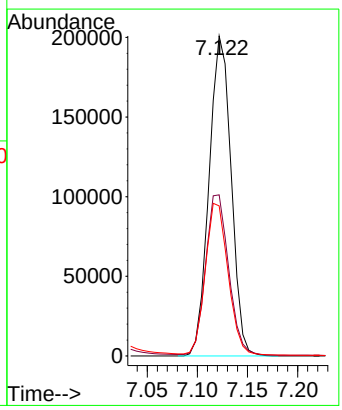


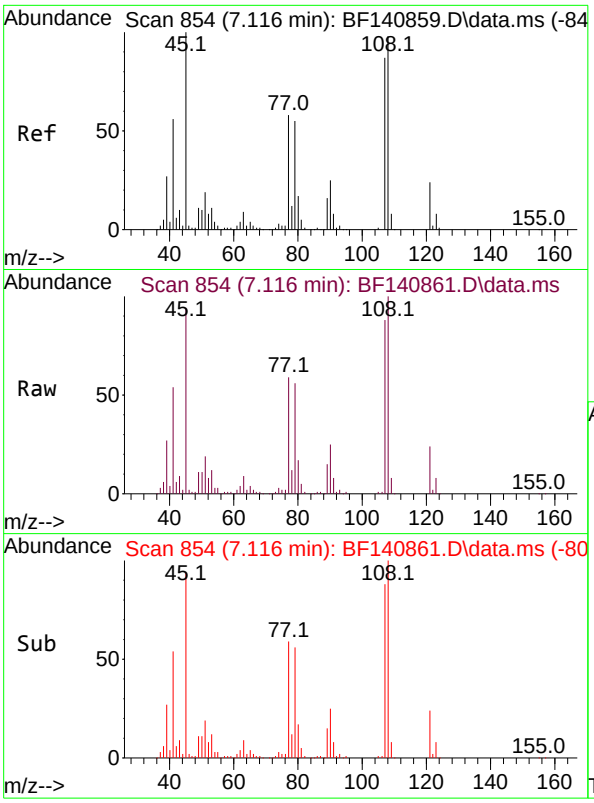


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.106 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion: 45 Resp: 307981

Ion	Ratio	Lower	Upper
45	100		
77	50.3	23.3	63.3
79	46.9	20.0	60.0



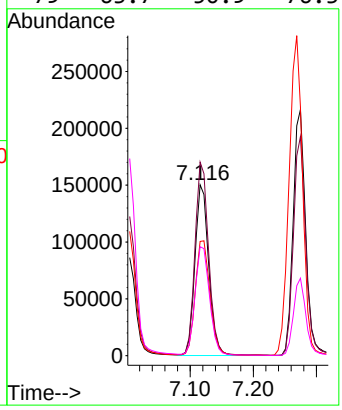


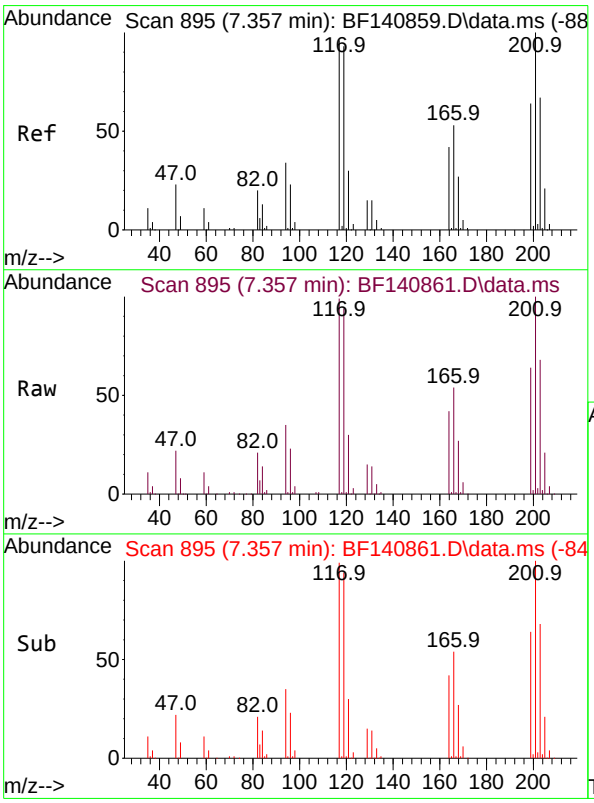
#17
2-Methylphenol
Concen: 60.504 ng
RT: 7.116 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 227597

Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.2	135.4
77	66.9	53.8	80.6
79	63.7	50.9	76.3

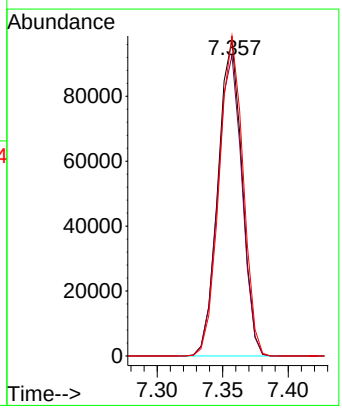


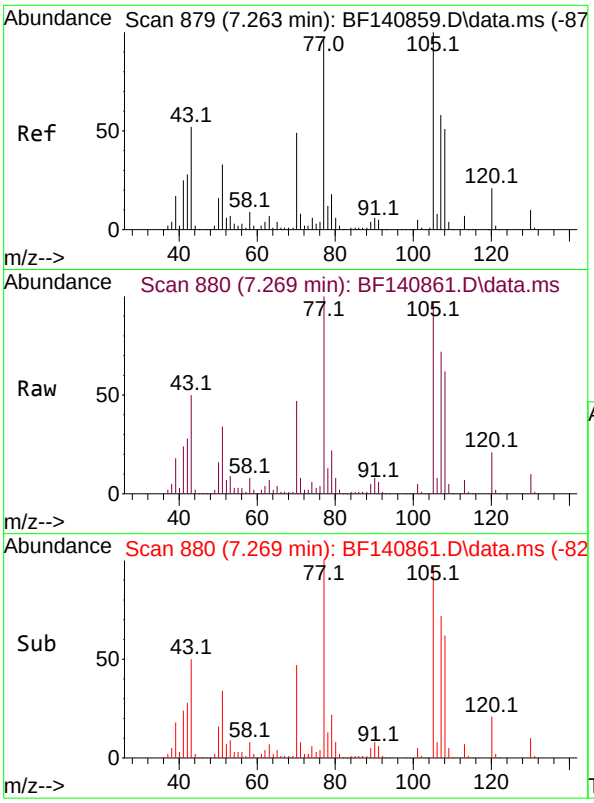


#18
Hexachloroethane
Concen: 60.962 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:117 Resp: 123680

Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
201	101.3	83.4	125.0



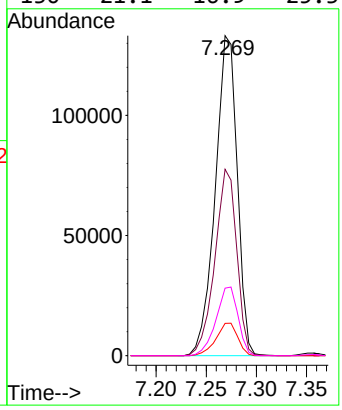


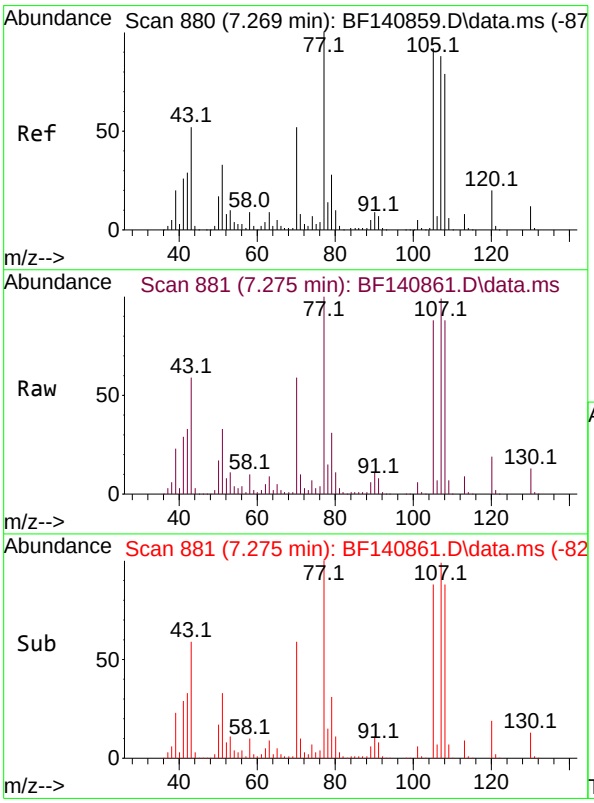
#19
n-Nitroso-di-n-propylamine
Concen: 59.015 ng
RT: 7.269 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 202582

Ion	Ratio	Lower	Upper
70	100		
42	58.3	45.3	67.9
101	10.1	8.0	12.0
130	21.1	16.9	25.3

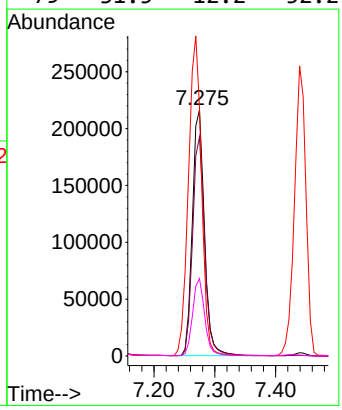


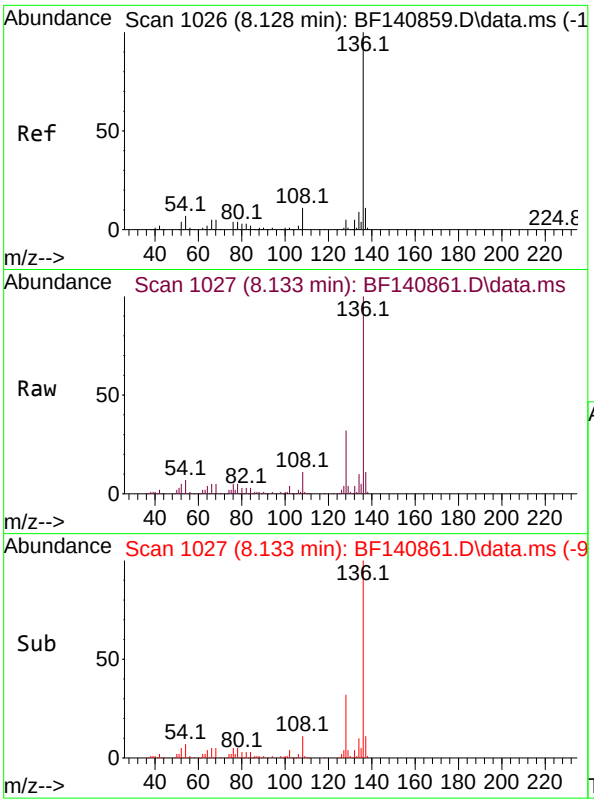


#20
3+4-Methylphenols
Concen: 59.728 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:107 Resp: 297926

Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.1	110.1
77	101.1	94.4	134.4
79	31.5	12.2	52.2



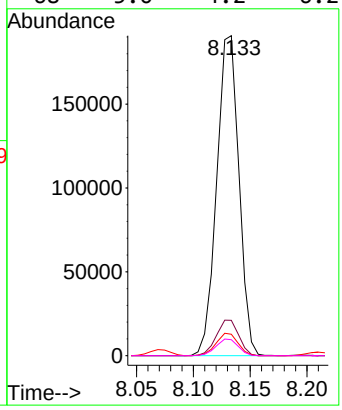


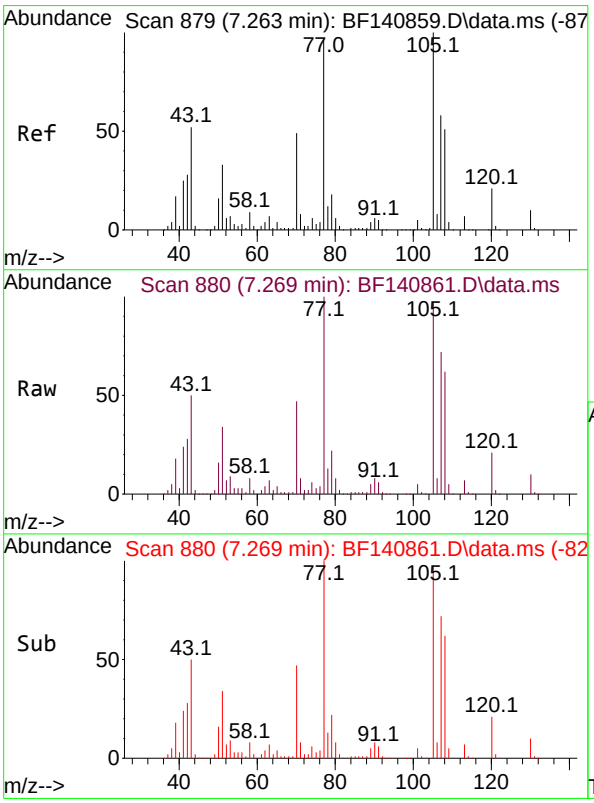
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 259532

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.7	5.6	8.4
68	5.0	4.2	6.2

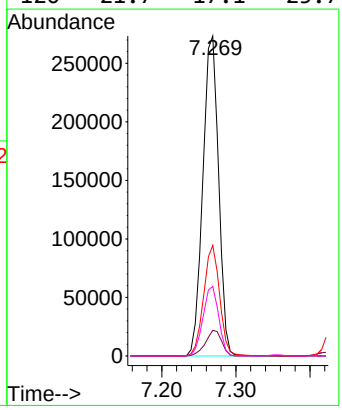


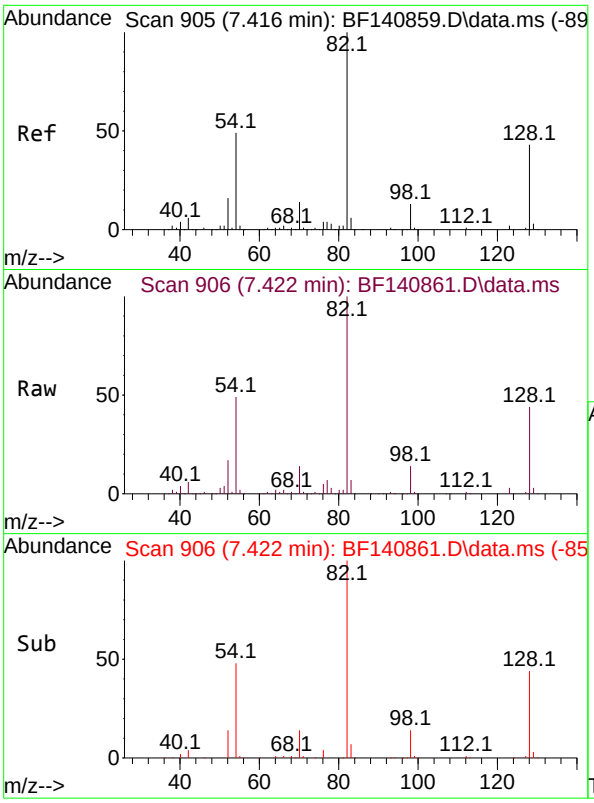


#22
Acetophenone
Concen: 62.164 ng
RT: 7.269 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:105 Resp: 403586

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.2	9.4
51	34.6	26.3	39.5
120	21.7	17.1	25.7



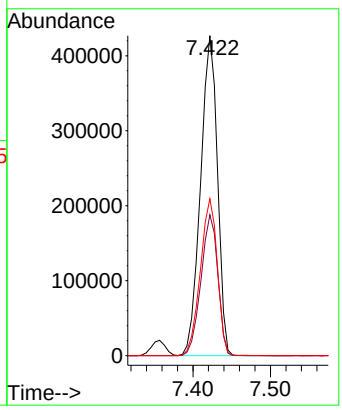


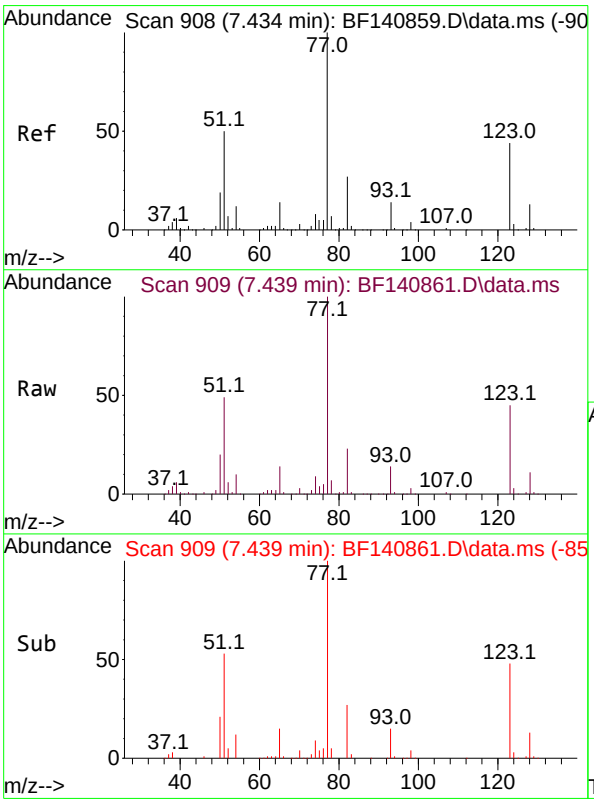
#23
Nitrobenzene-d5
Concen: 124.724 ng
RT: 7.422 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 646998

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.4	51.6
54	49.0	38.8	58.2

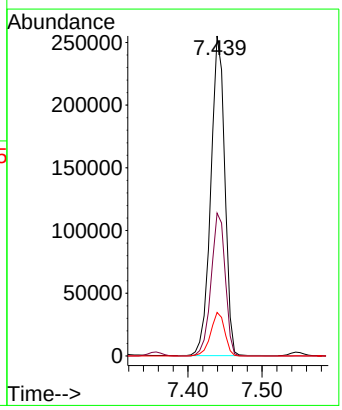


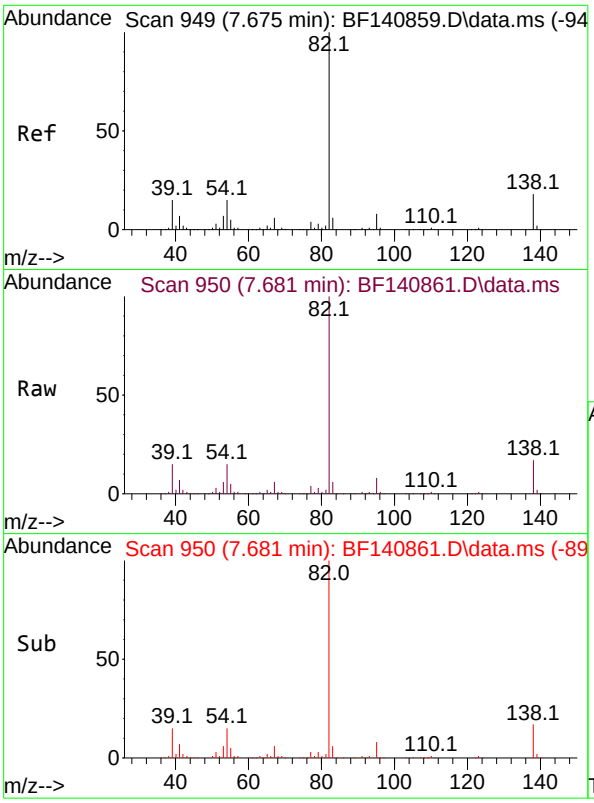


#24
Nitrobenzene
Concen: 62.893 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion: 77 Resp: 334236

Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.0	52.4
65	13.6	11.4	17.0



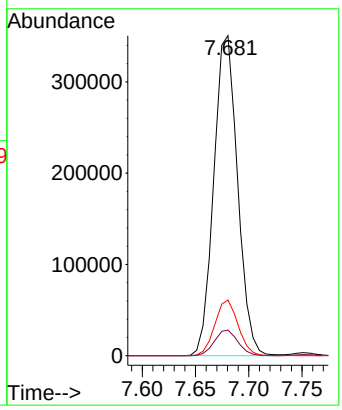


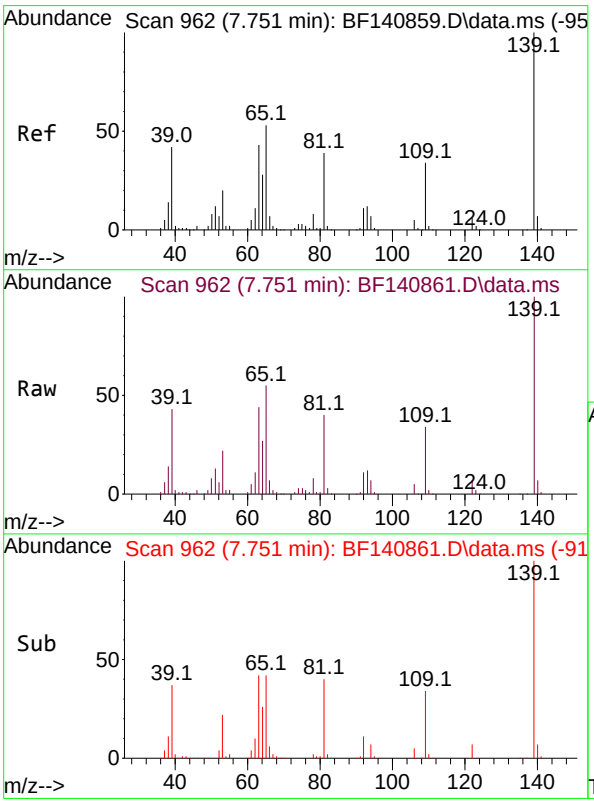
#25
Isophorone
Concen: 62.685 ng
RT: 7.681 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 544844

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.3	9.5
138	17.4	14.1	21.1

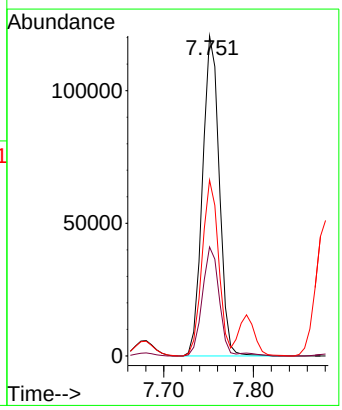


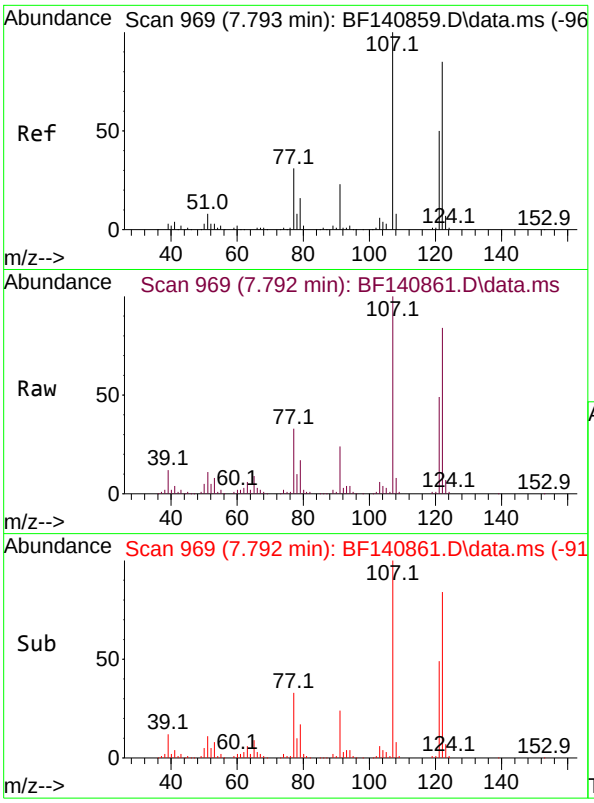


#26
2-Nitrophenol
Concen: 64.020 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:139 Resp: 156696

Ion	Ratio	Lower	Upper
139	100		
109	34.1	26.9	40.3
65	54.9	42.6	64.0



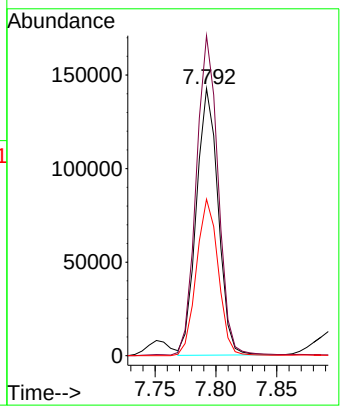


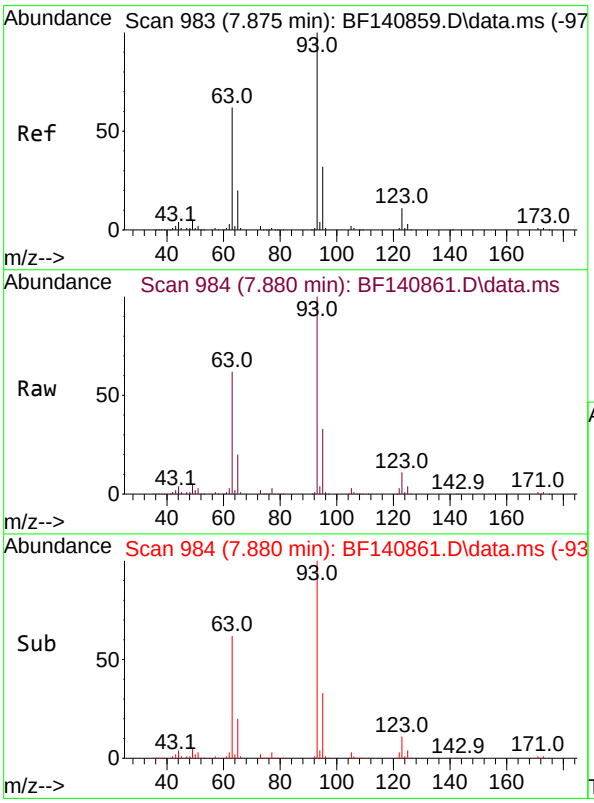
#27
2,4-Dimethylphenol
Concen: 61.982 ng
RT: 7.792 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 177170

Ion	Ratio	Lower	Upper
122	100		
107	119.8	92.6	139.0
121	58.6	45.8	68.8

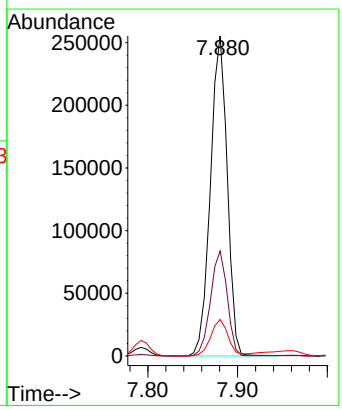


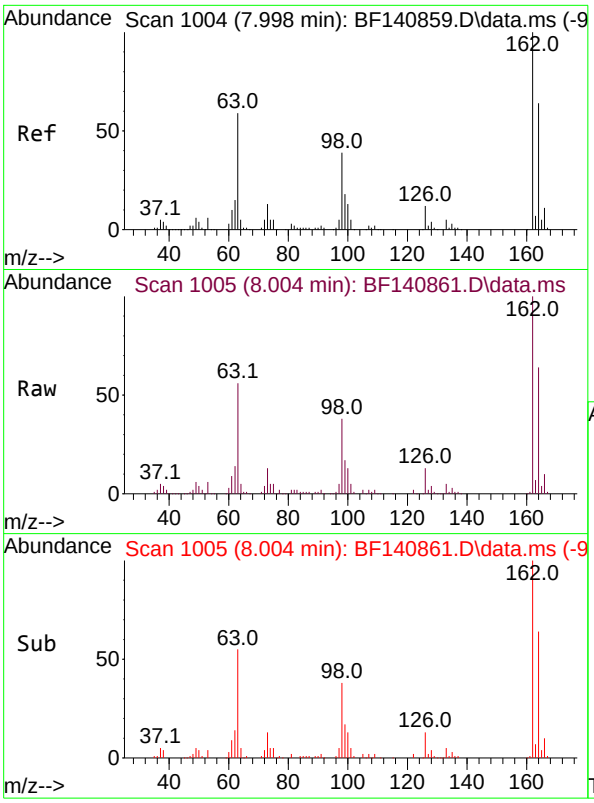


#28
bis(2-Chloroethoxy)methane
Concen: 61.166 ng
RT: 7.880 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion: 93 Resp: 332048

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.3	37.9
123	11.4	8.6	13.0



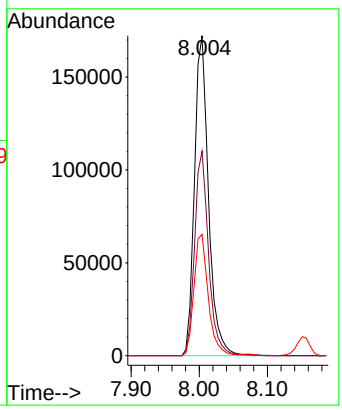


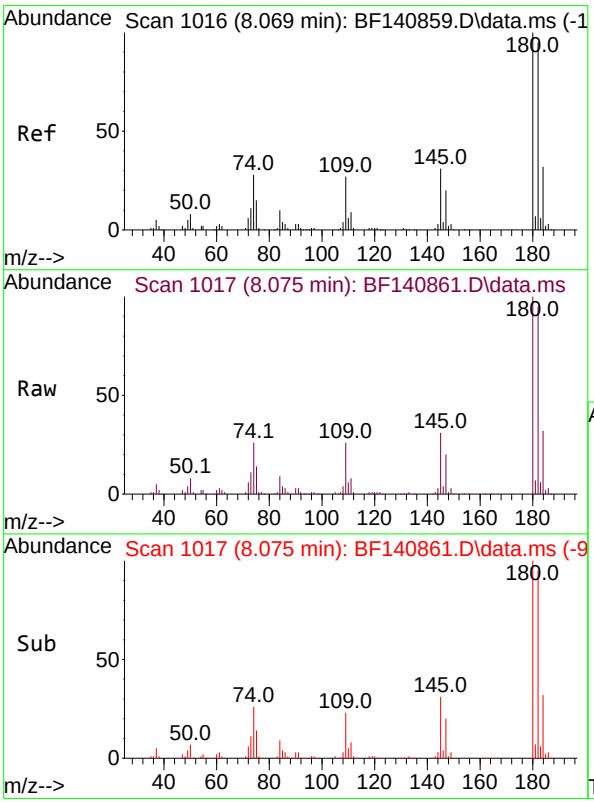
#29
2,4-Dichlorophenol
Concen: 62.432 ng
RT: 8.004 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 246376

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.7	83.7
98	37.9	18.6	58.6

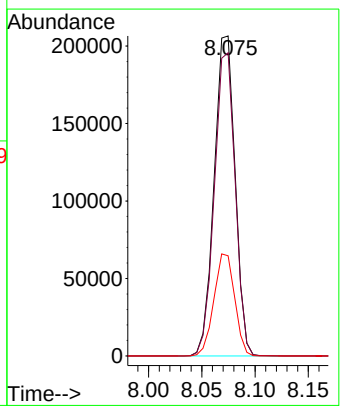


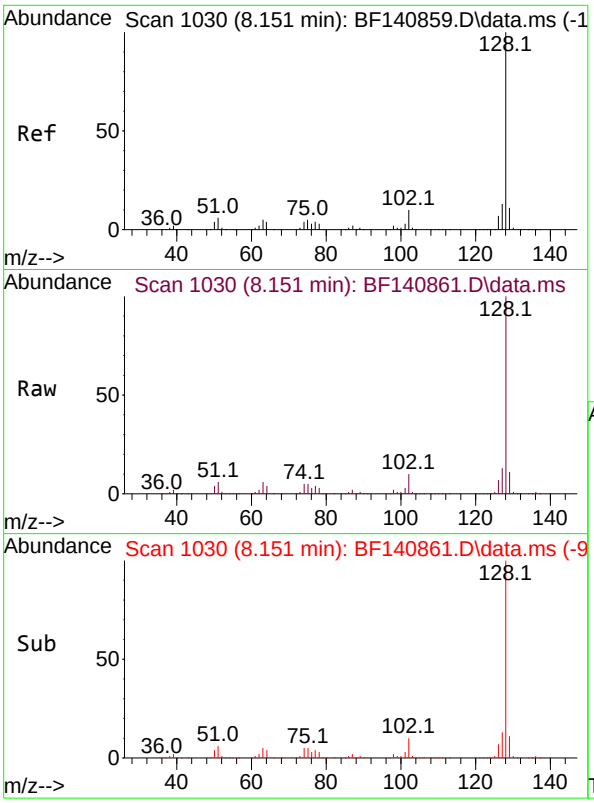


#30
1,2,4-Trichlorobenzene
Concen: 62.258 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:180 Resp: 281649

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	31.3	25.2	37.8



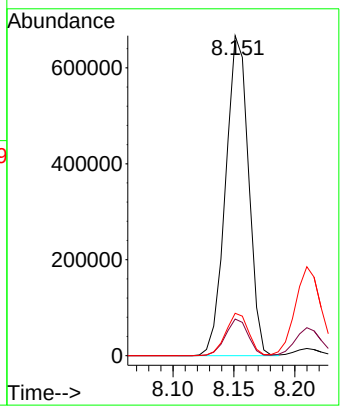


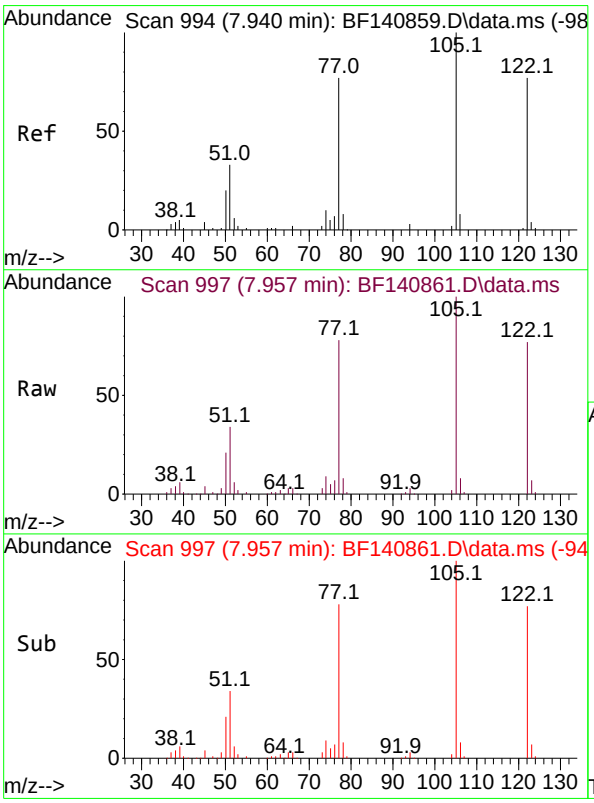
#31
Naphthalene
Concen: 61.360 ng
RT: 8.151 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 874776

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.3	10.6	16.0

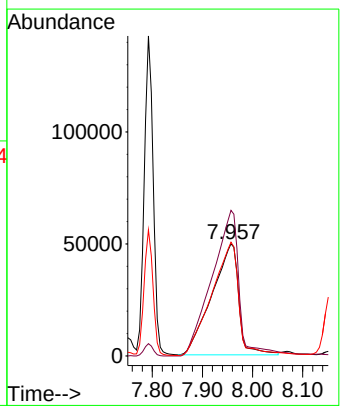


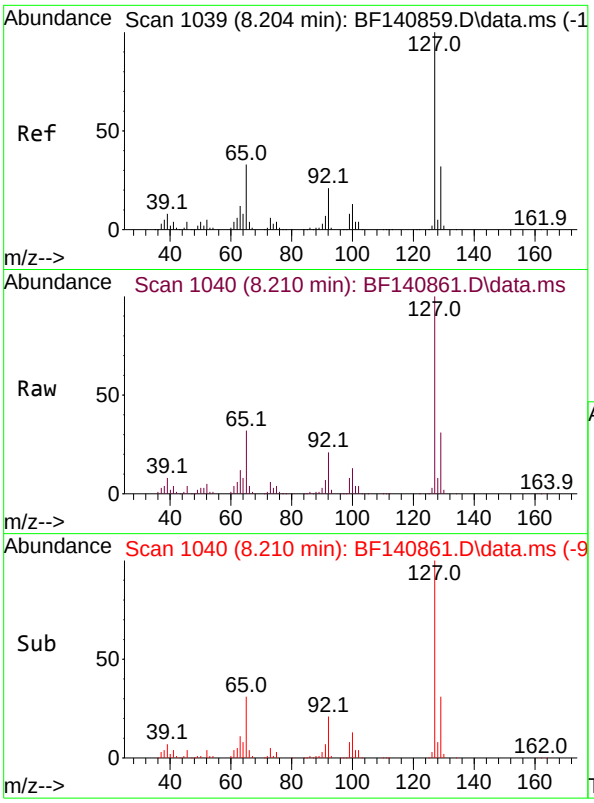


#32
Benzoic acid
Concen: 67.933 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.017 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:122 Resp: 184163

Ion	Ratio	Lower	Upper
122	100		
105	129.9	108.3	148.3
77	101.4	78.8	118.8



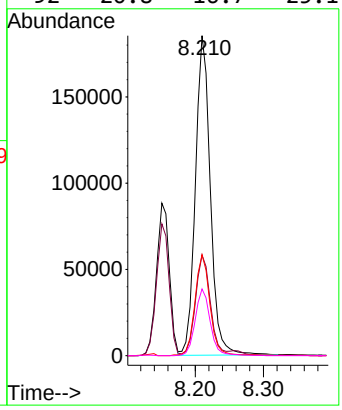


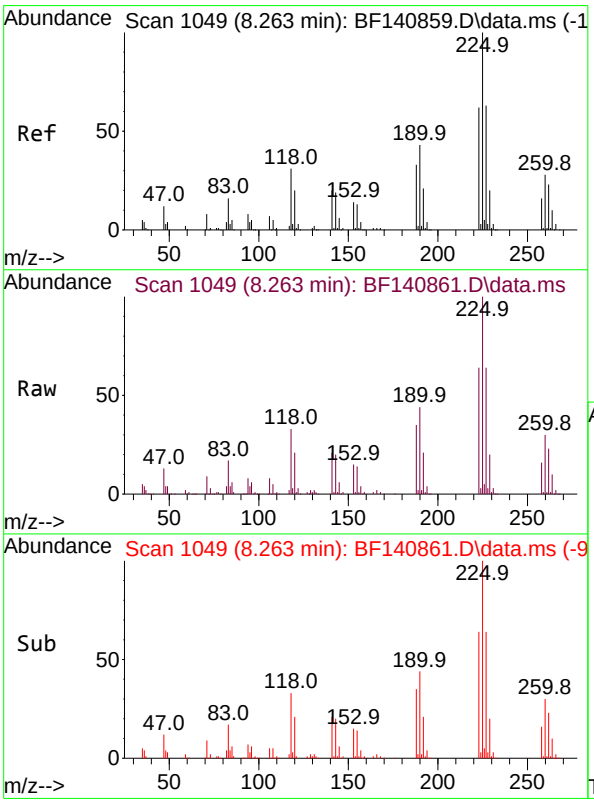
#33
4-Chloroaniline
Concen: 59.681 ng
RT: 8.210 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 282583

Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.0	39.0
65	31.6	26.0	39.0
92	20.8	16.7	25.1

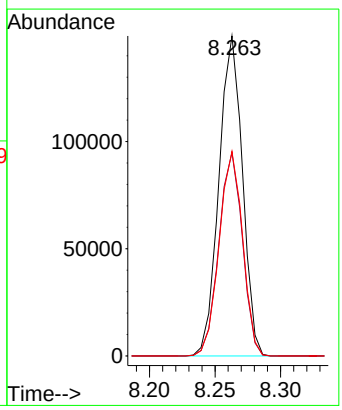


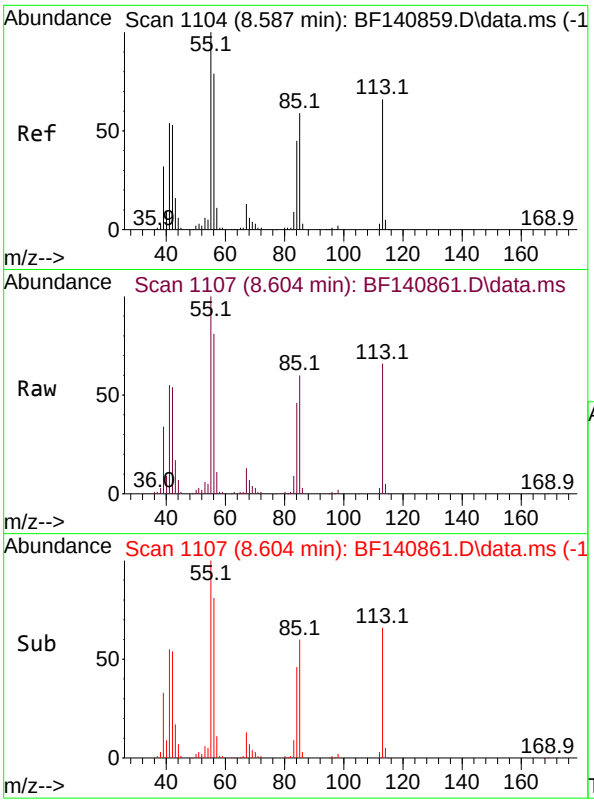


#34
Hexachlorobutadiene
Concen: 61.097 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:225 Resp: 185962

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.6	74.4
227	63.9	50.7	76.1



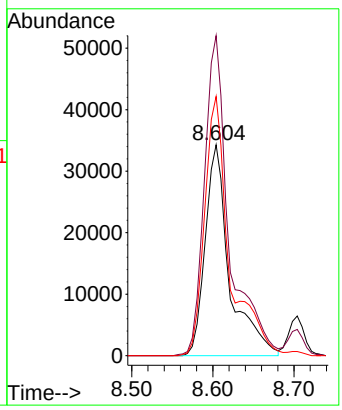


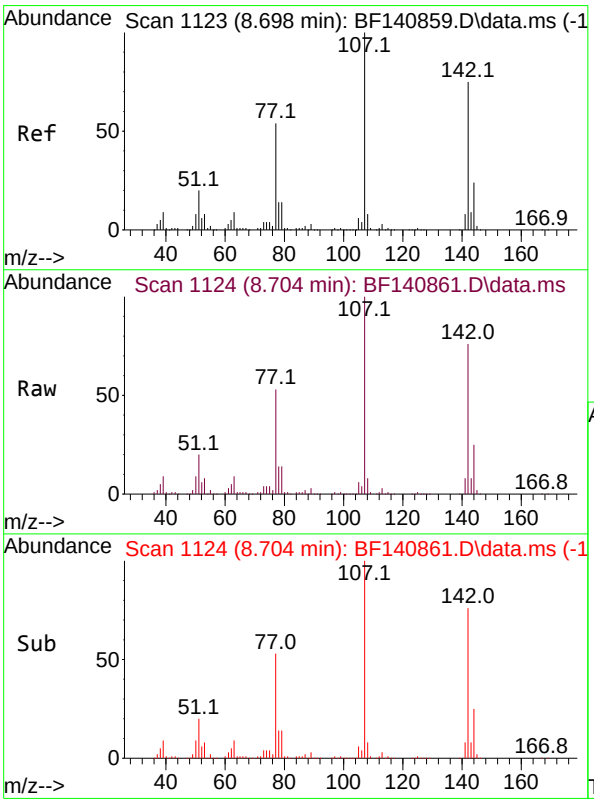
#35
Caprolactam
Concen: 60.761 ng
RT: 8.604 min Scan# 1
Delta R.T. 0.017 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 71386

Ion	Ratio	Lower	Upper
113	100		
55	151.7	132.3	172.3
56	122.9	100.3	140.3

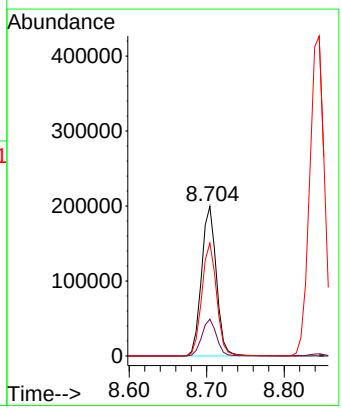


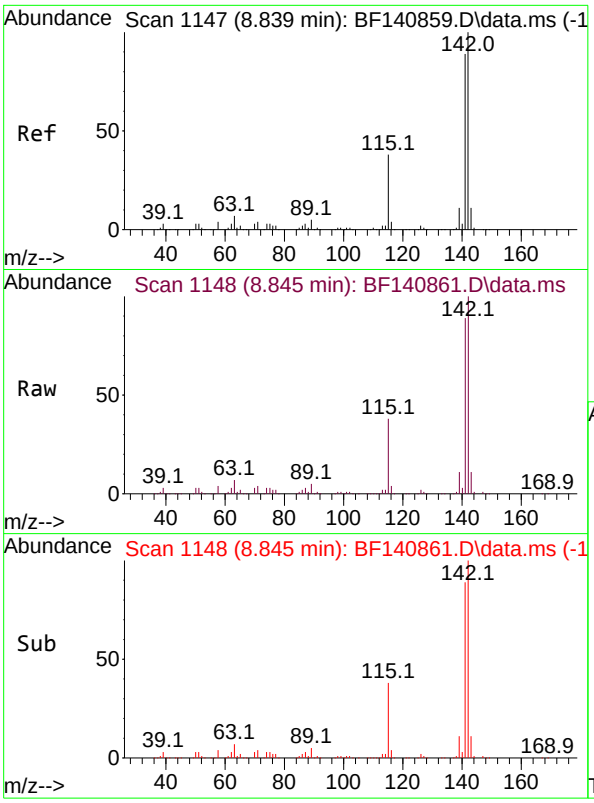


#36
4-Chloro-3-methylphenol
Concen: 59.935 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:107 Resp: 266211

Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.4	29.2
142	75.5	60.3	90.5



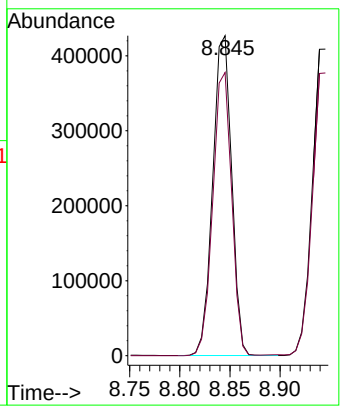


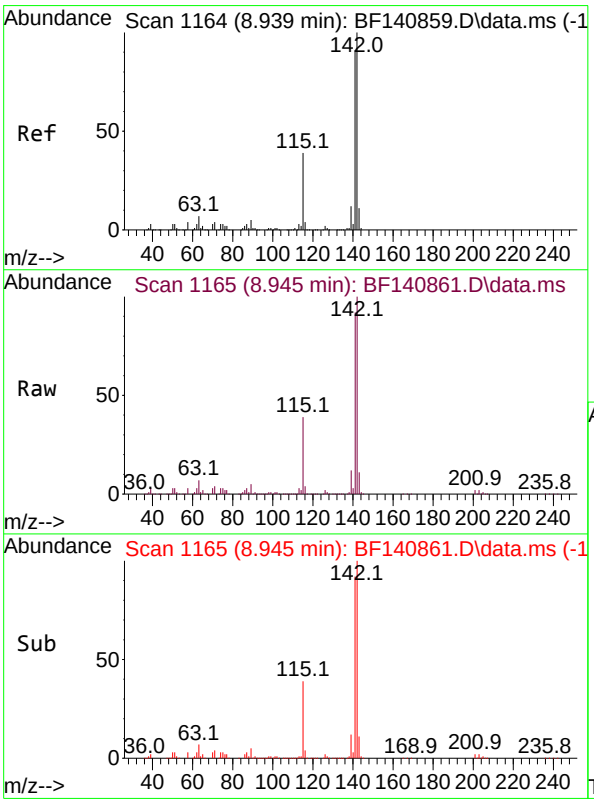
#37
2-Methylnaphthalene
Concen: 59.336 ng
RT: 8.845 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 559572

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6

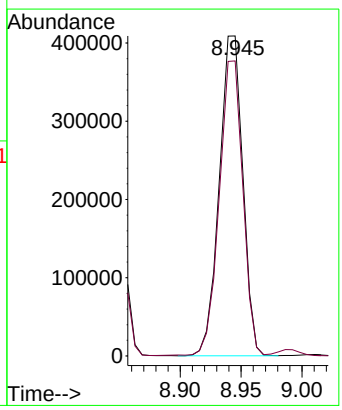


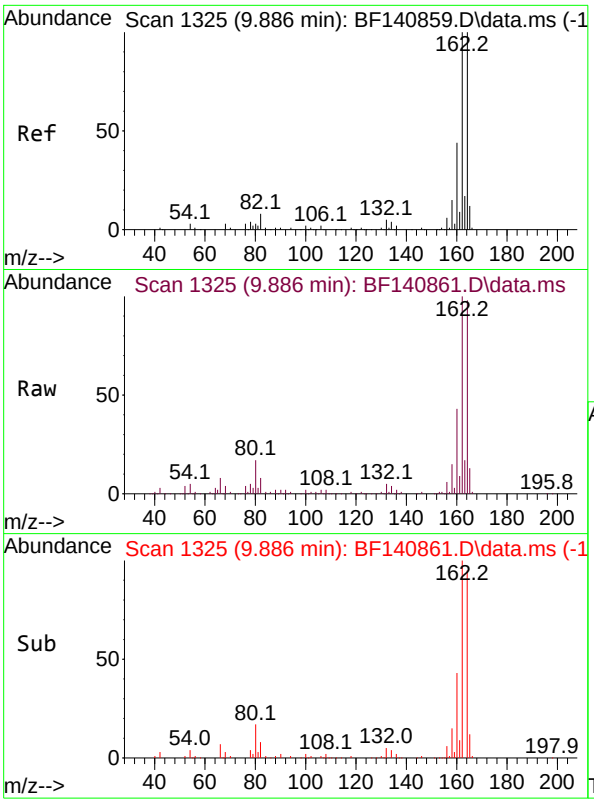


#38
1-Methylnaphthalene
Concen: 58.973 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:142 Resp: 550027

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.4	110.0



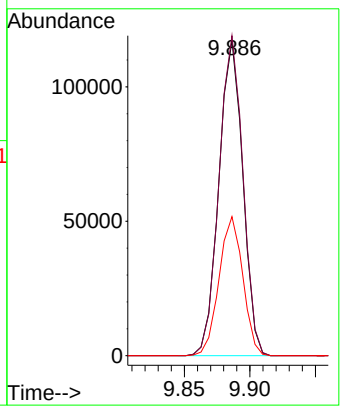


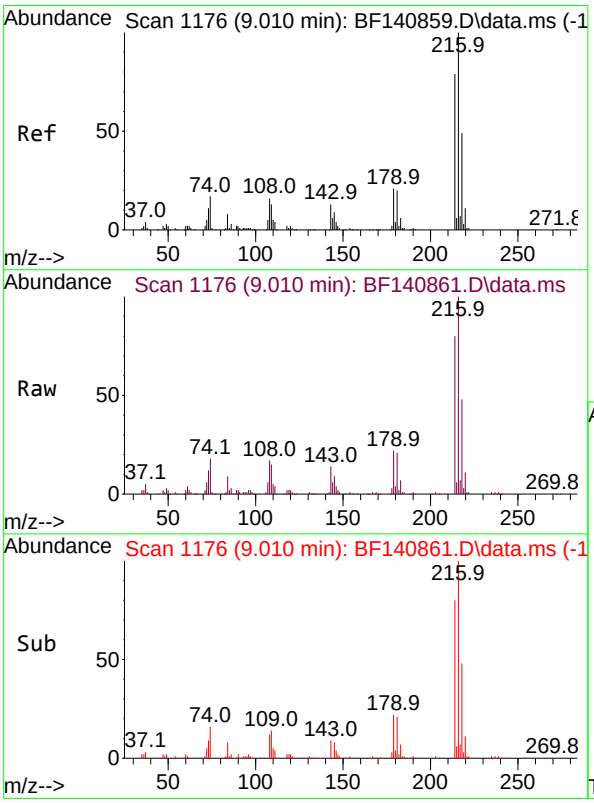
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 148549

Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.9	119.9
160	44.2	35.2	52.8

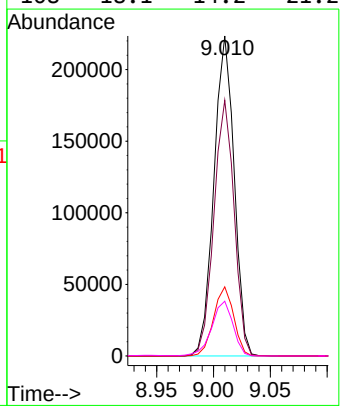


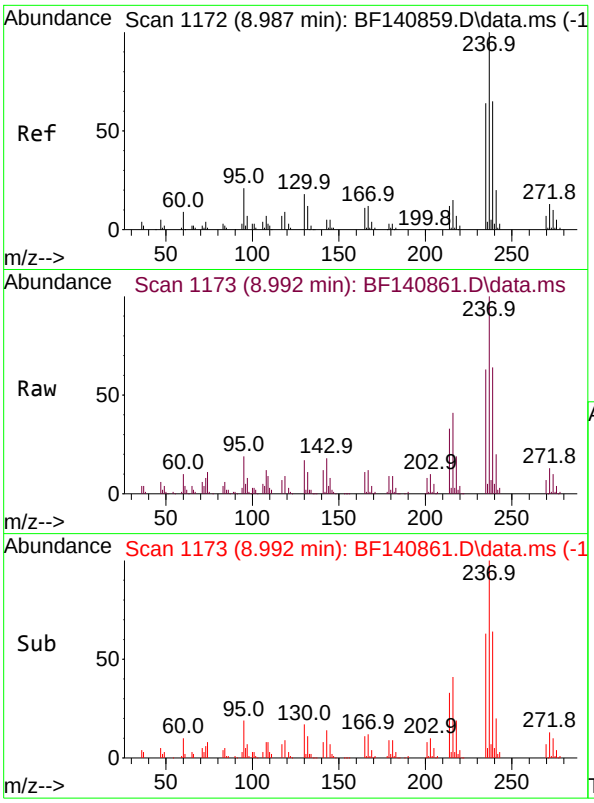


#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.686 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:216 Resp: 277082

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.6	95.4
179	21.5	17.0	25.4
108	18.1	14.2	21.2



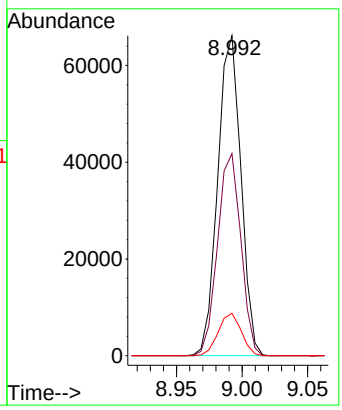


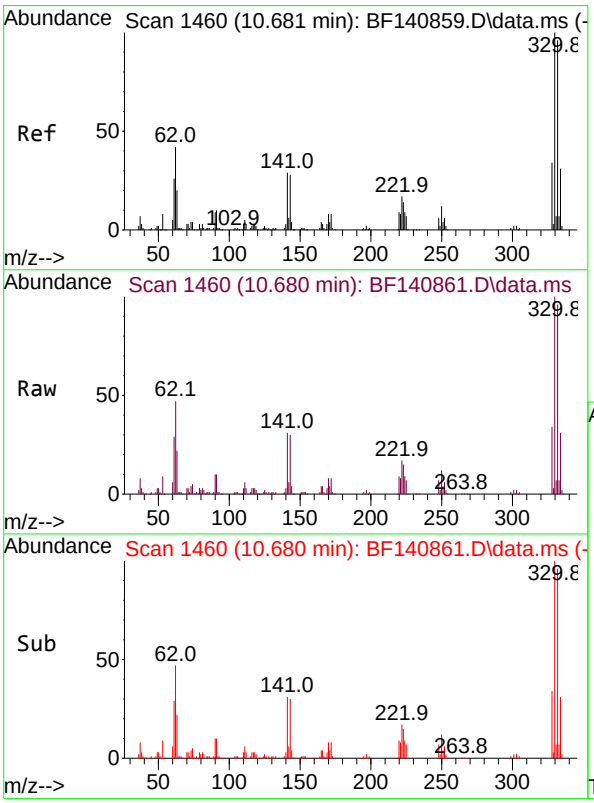
#41
Hexachlorocyclopentadiene
Concen: 60.032 ng
RT: 8.992 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 81340

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.7	83.7
272	13.2	0.0	32.9

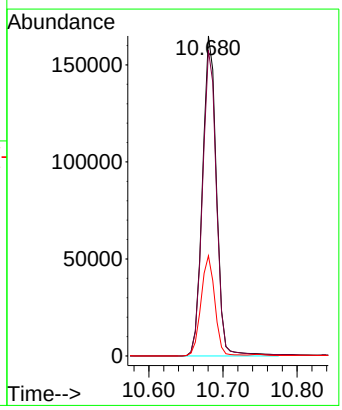


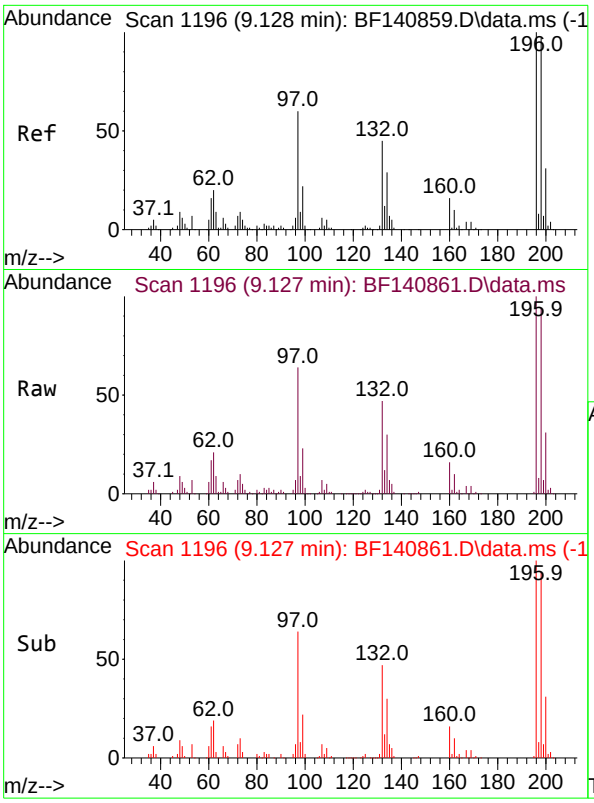


#42
2,4,6-Tribromophenol
Concen: 123.158 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:330 Resp: 216378

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	30.9	24.9	37.3



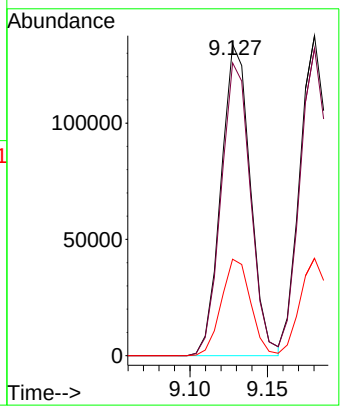


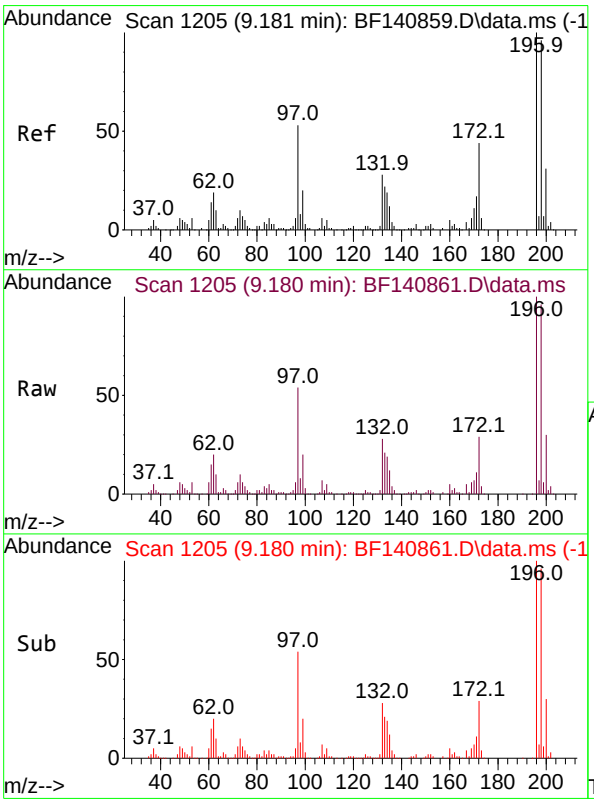
#43
2,4,6-Trichlorophenol
Concen: 63.005 ng
RT: 9.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 176148

Ion	Ratio	Lower	Upper
196	100		
198	94.1	77.4	116.0
200	31.0	24.5	36.7

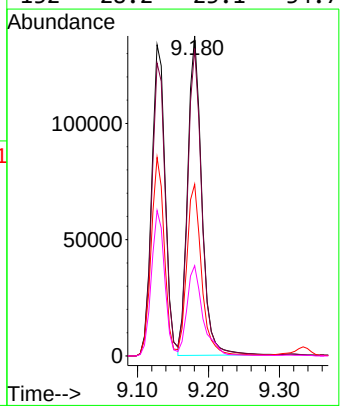


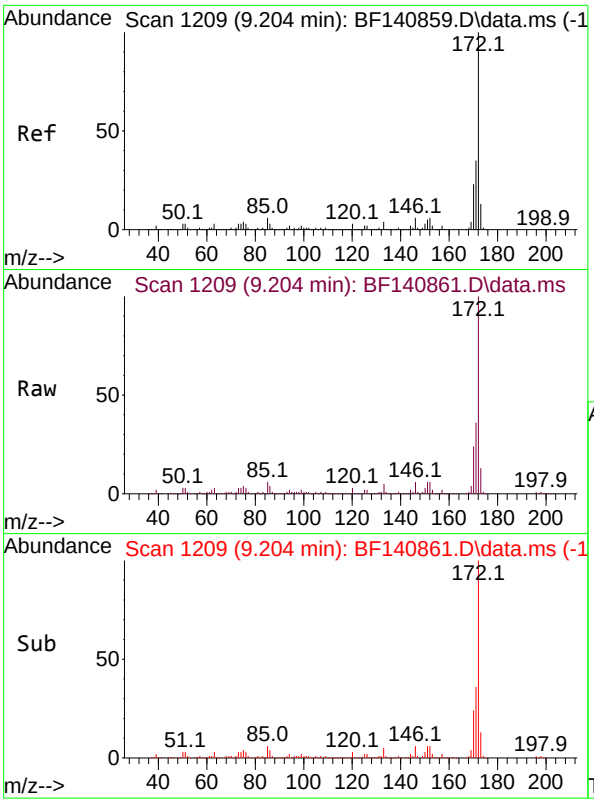


#44
2,4,5-Trichlorophenol
Concen: 61.766 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:196 Resp: 189802

Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.2	115.8
97	53.7	42.2	63.4
132	28.2	23.1	34.7



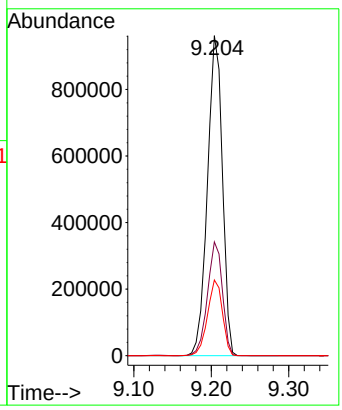


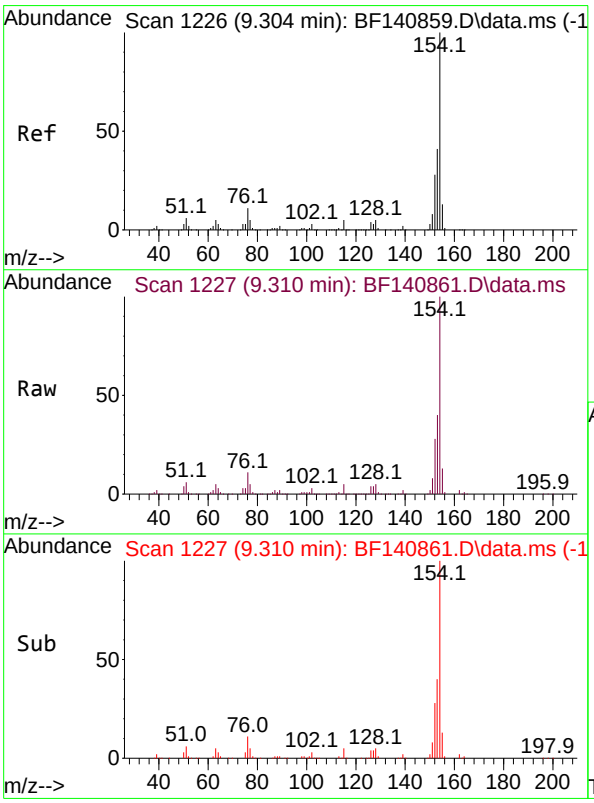
#45
2-Fluorobiphenyl
Concen: 119.184 ng
RT: 9.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 1287749

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.4	42.6
170	23.6	18.6	28.0

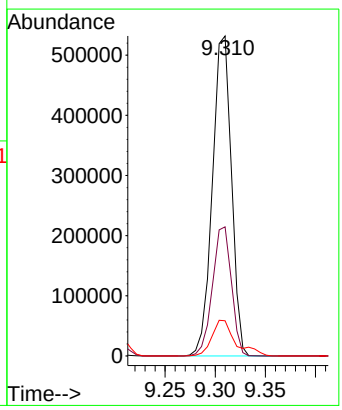


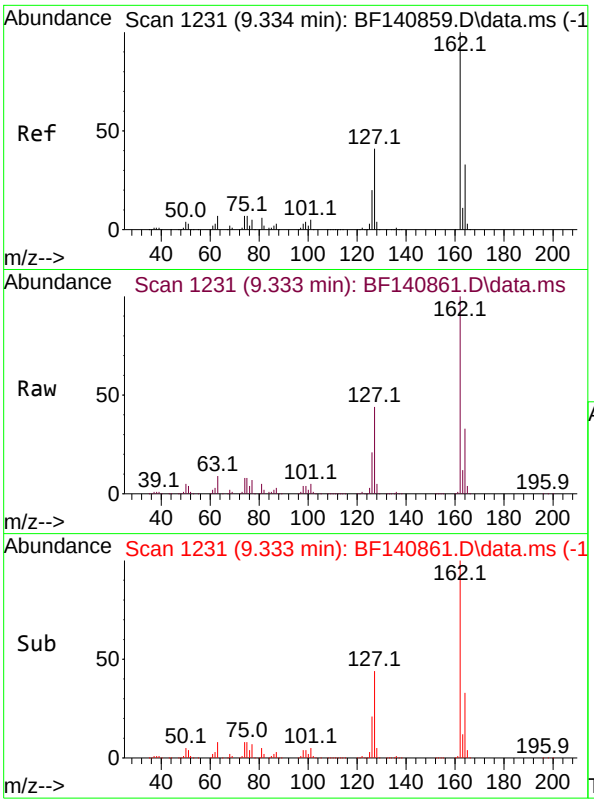


#46
1,1'-Biphenyl
Concen: 59.429 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:154 Resp: 701999

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	11.0	0.0	31.0



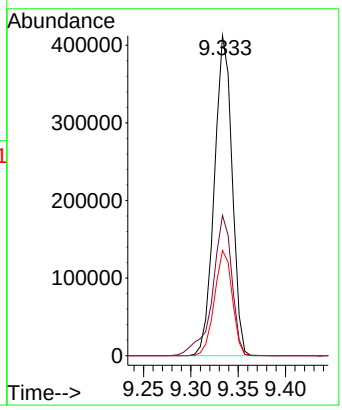


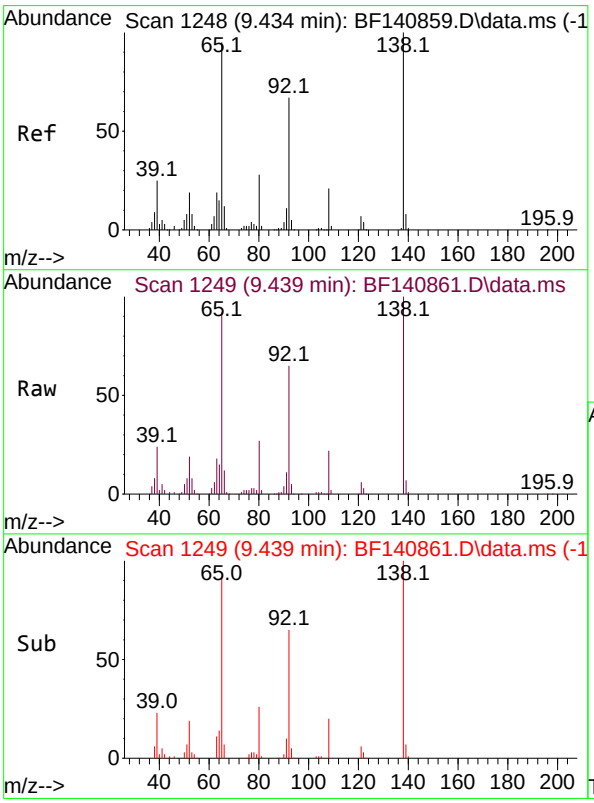
#47
2-Chloronaphthalene
Concen: 59.491 ng
RT: 9.333 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 537602

Ion	Ratio	Lower	Upper
162	100		
127	43.9	33.5	50.3
164	32.9	26.2	39.2

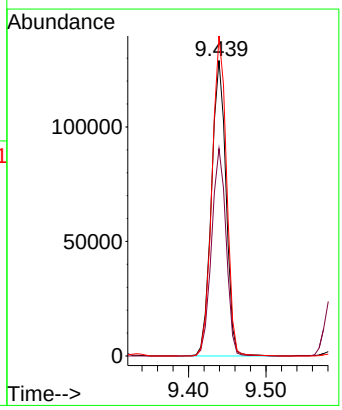


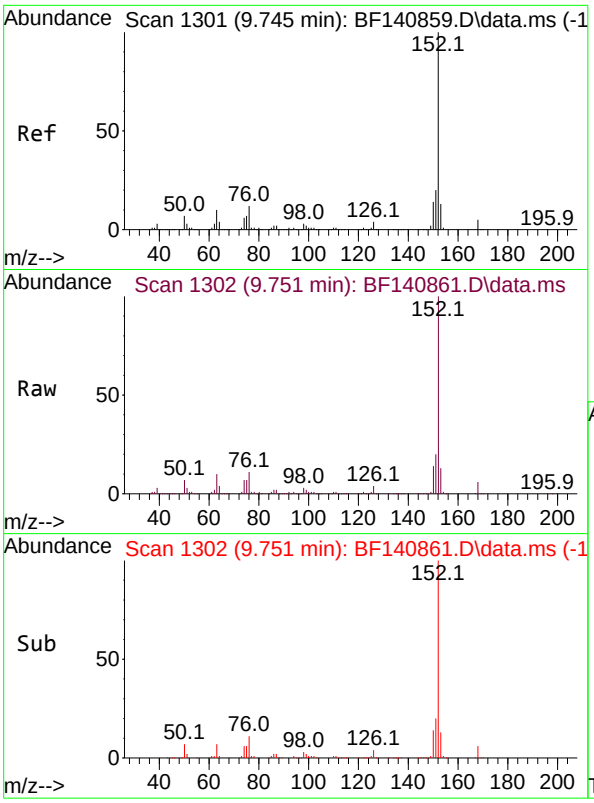


#48
2-Nitroaniline
Concen: 61.695 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion: 65 Resp: 168378

Ion	Ratio	Lower	Upper
65	100		
92	70.2	56.3	84.5
138	108.3	83.8	125.6



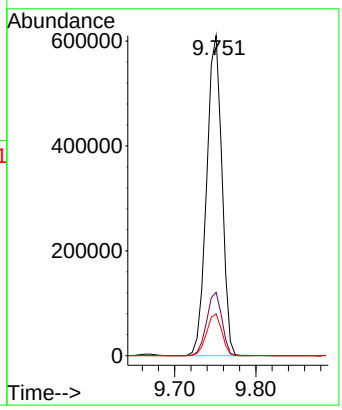


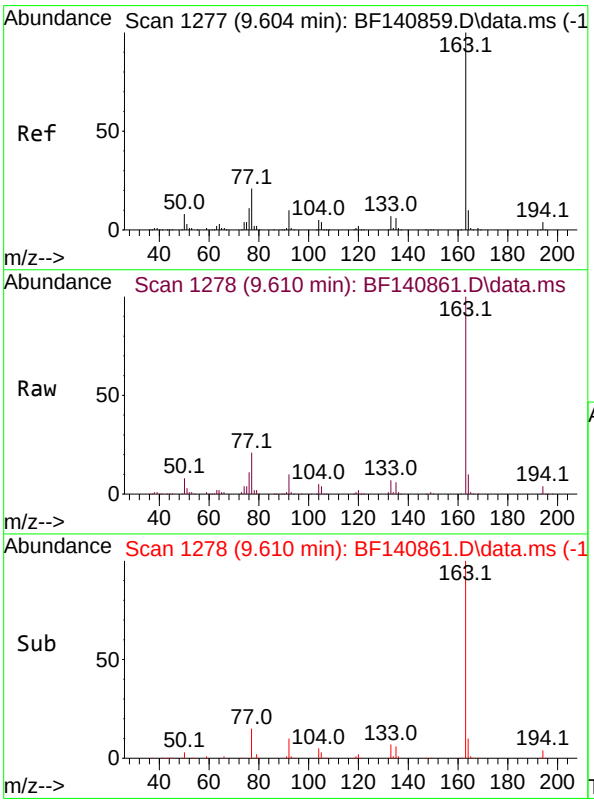
#49
Acenaphthylene
Concen: 59.836 ng
RT: 9.751 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 794616

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.0	10.6	16.0

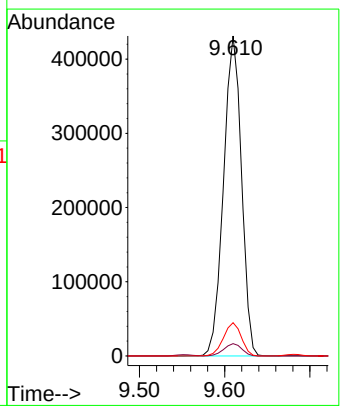


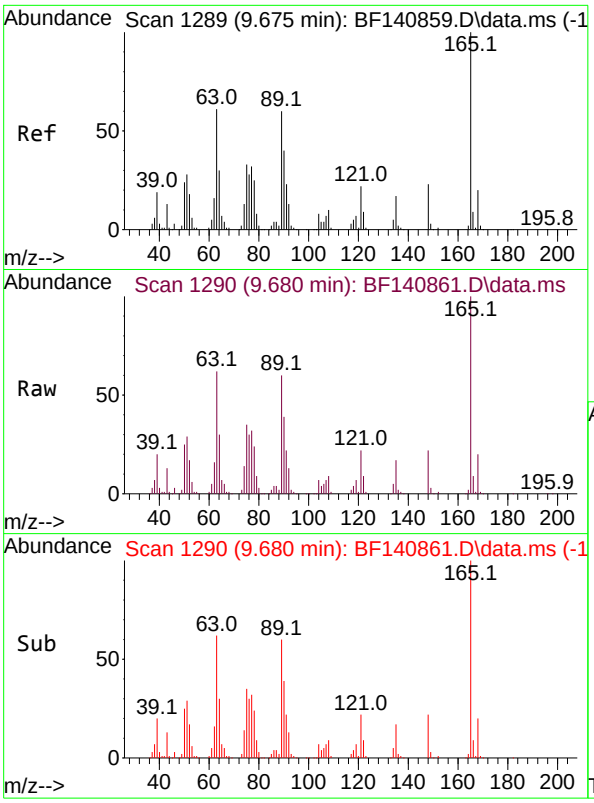


#50
Dimethylphthalate
Concen: 60.305 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:163 Resp: 631578

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.4	8.1	12.1



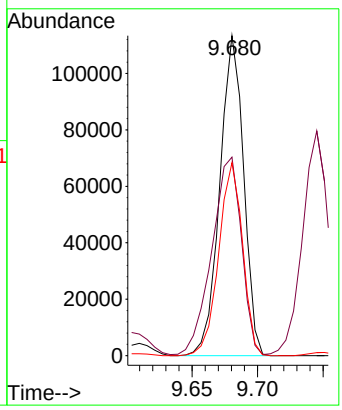


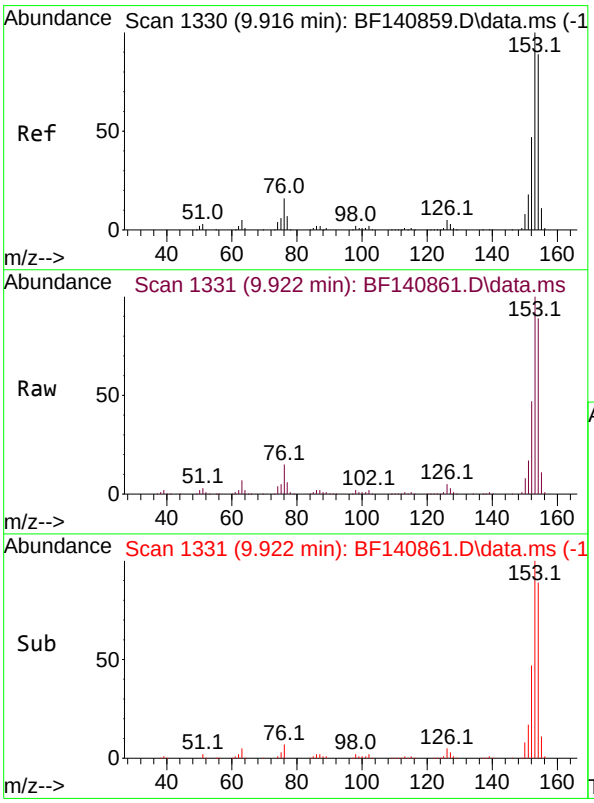
#51
2,6-Dinitrotoluene
Concen: 59.771 ng
RT: 9.680 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 143106

Ion	Ratio	Lower	Upper
165	100		
63	62.1	49.7	74.5
89	60.3	48.2	72.4

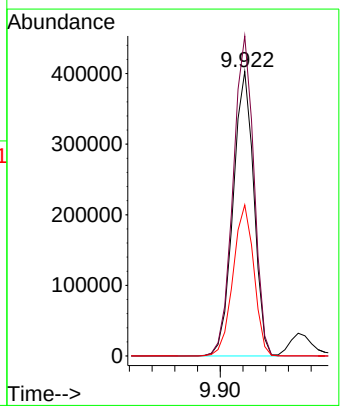


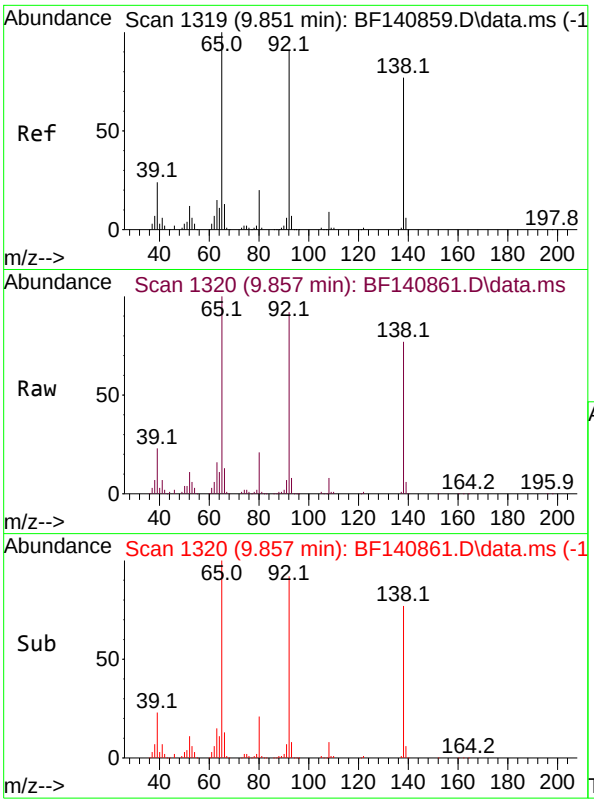


#52
Acenaphthene
Concen: 60.297 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:154 Resp: 511499

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.9	134.9
152	53.1	42.6	63.8



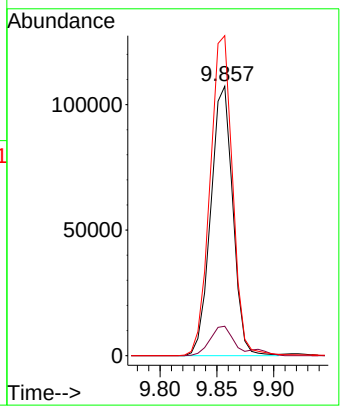


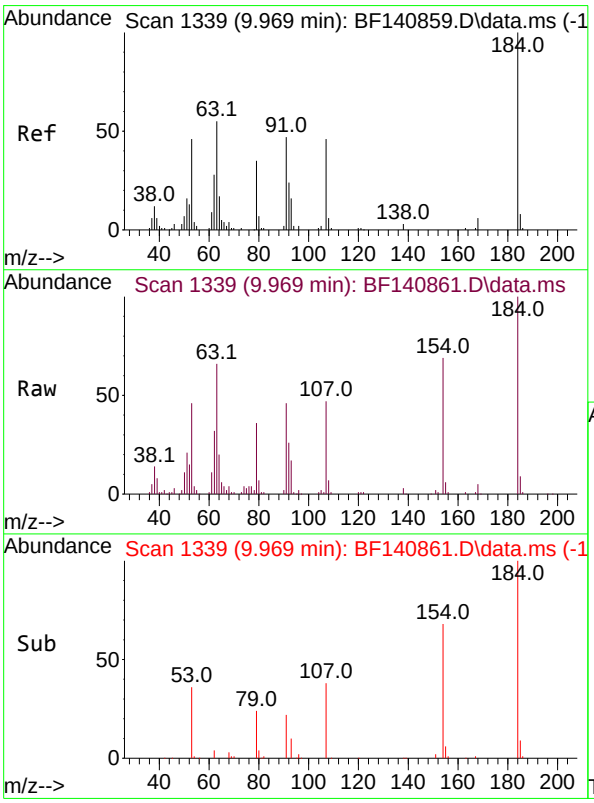
#53
3-Nitroaniline
Concen: 60.971 ng
RT: 9.857 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 144867

Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.4
92	118.7	95.5	143.3

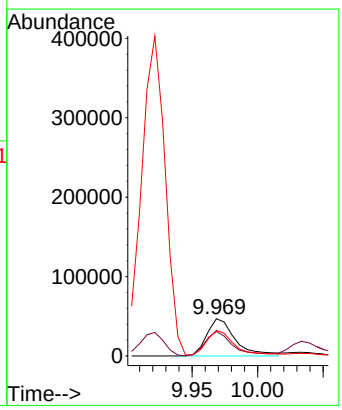


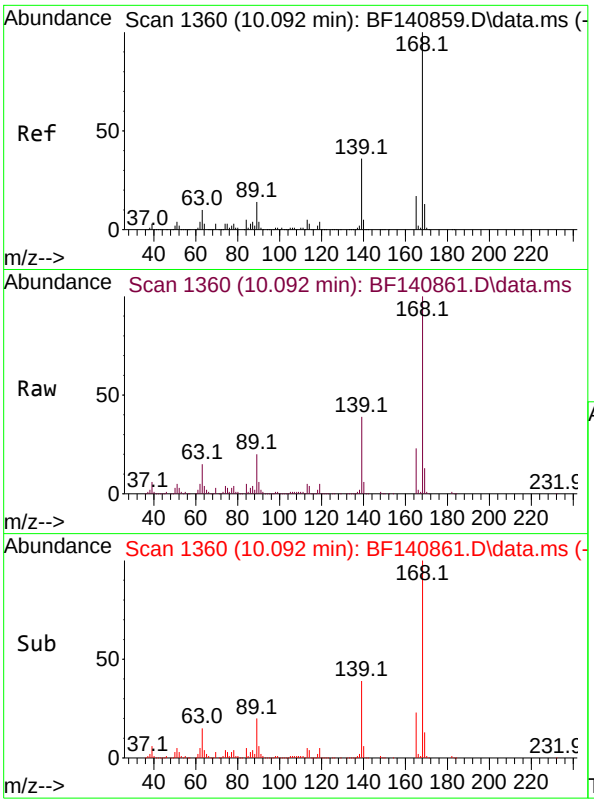


#54
2,4-Dinitrophenol
Concen: 62.619 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:184 Resp: 71344

Ion	Ratio	Lower	Upper
184	100		
63	65.5	51.6	77.4
154	68.7	56.1	84.1



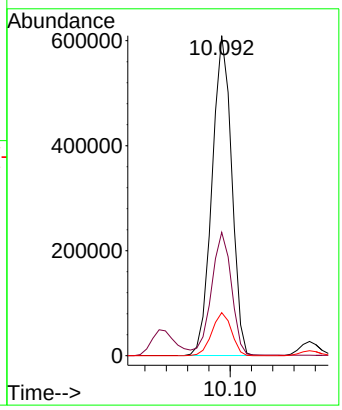


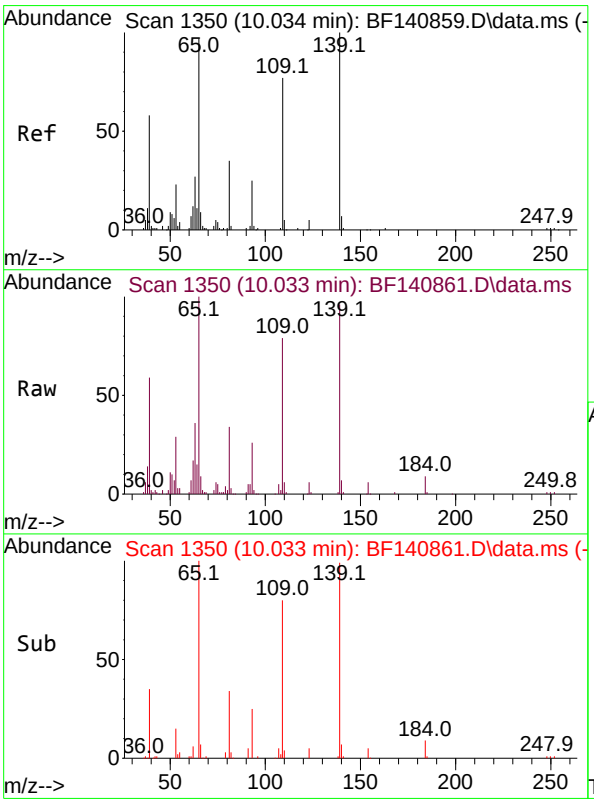
#55
Dibenzofuran
Concen: 59.193 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 778085

Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.1	46.7
169	13.5	10.6	16.0

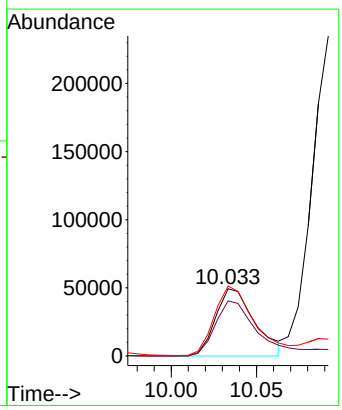


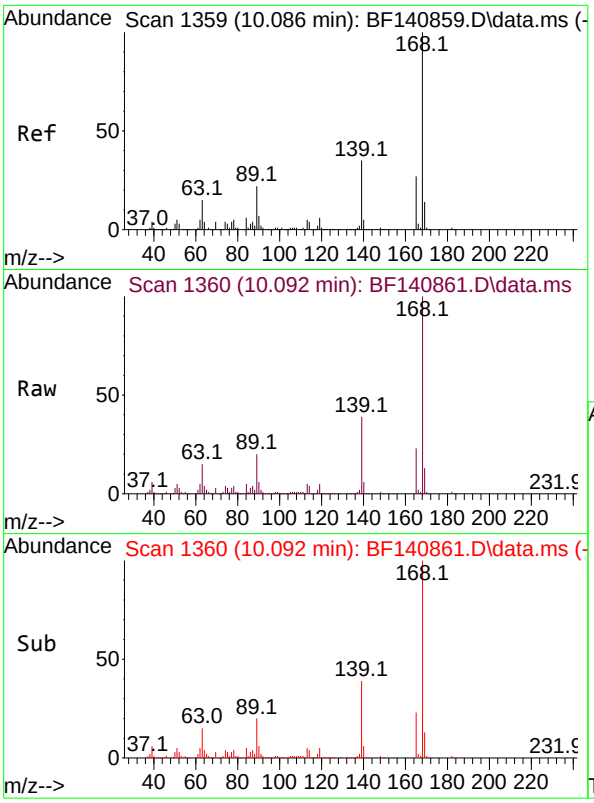


#56
4-Nitrophenol
Concen: 62.429 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.001 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:139 Resp: 78468

Ion	Ratio	Lower	Upper
139	100		
109	81.8	56.7	96.7
65	104.1	78.1	118.1



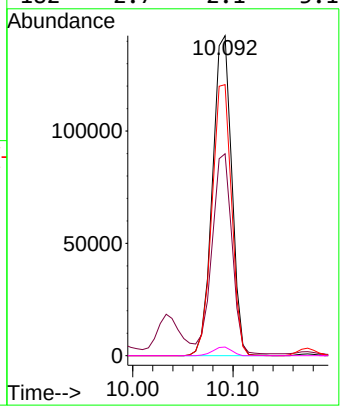


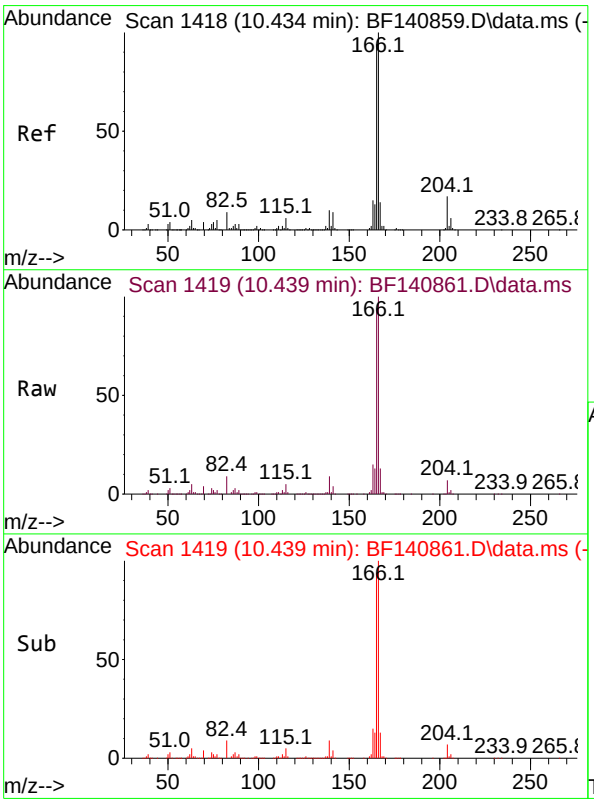
#57
2,4-Dinitrotoluene
Concen: 60.246 ng
RT: 10.092 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 189784

Ion	Ratio	Lower	Upper
165	100		
63	63.1	49.3	73.9
89	84.7	66.2	99.4
182	2.7	2.1	3.1

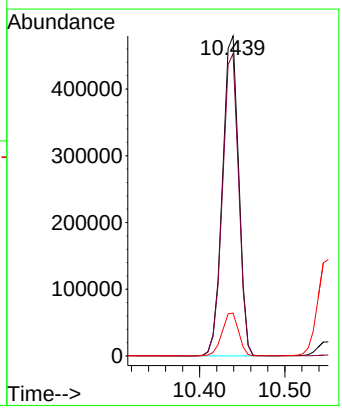


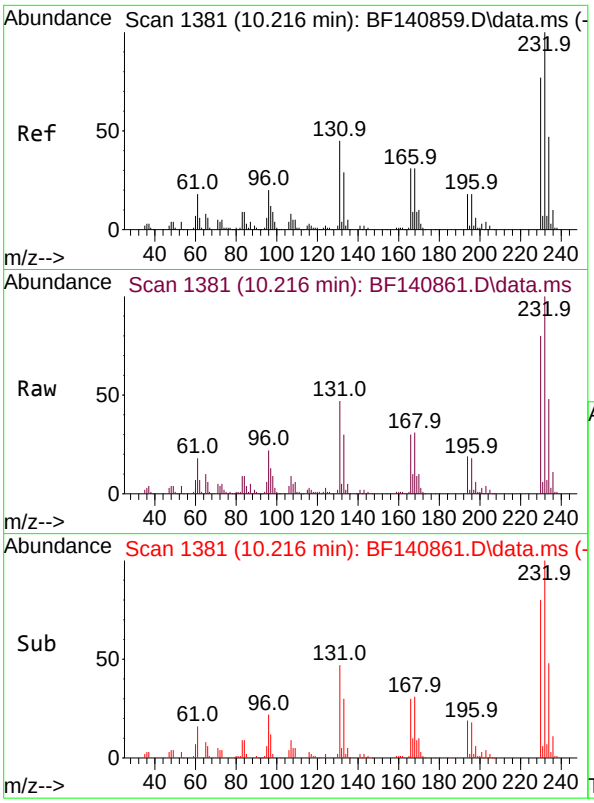


#58
Fluorene
Concen: 58.546 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:166 Resp: 634898

Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.1	112.7
167	13.4	11.1	16.7



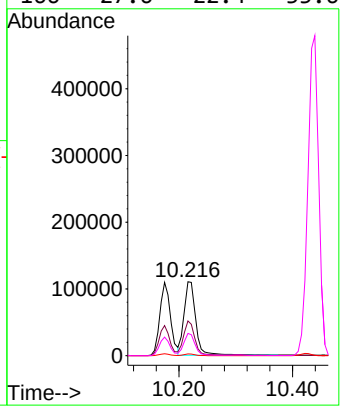


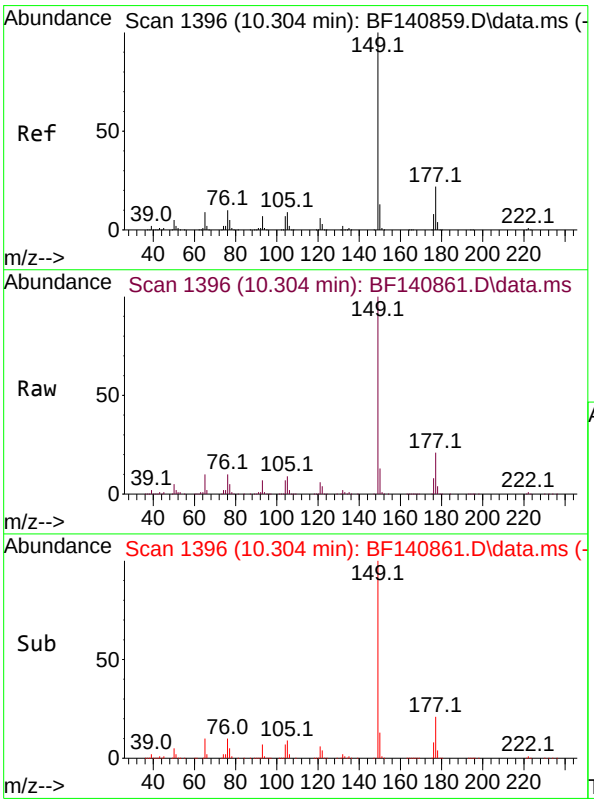
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.281 ng
RT: 10.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 158455

Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.1	52.7
130	2.2	1.8	2.8
166	27.6	22.4	33.6

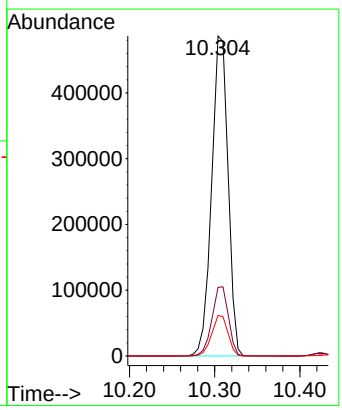


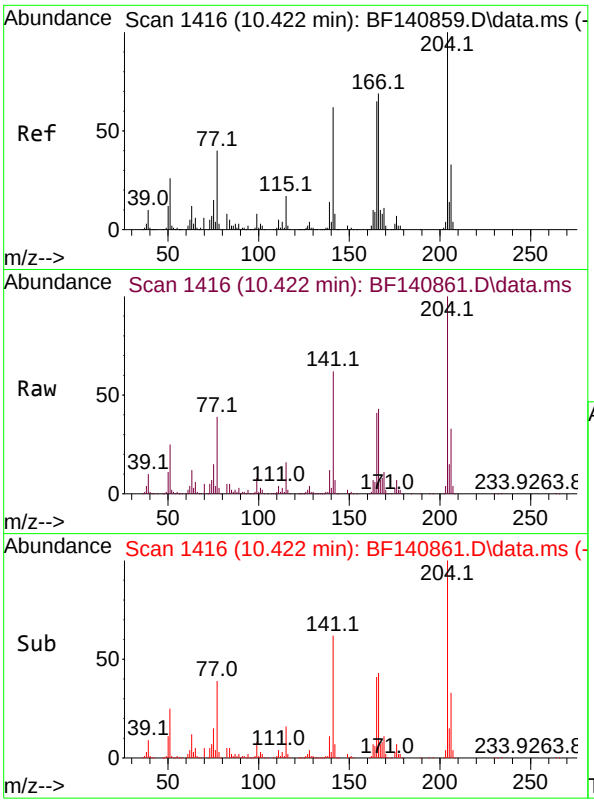


#60
Diethylphthalate
Concen: 59.961 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:149 Resp: 651190

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.2	25.8
150	12.6	10.1	15.1



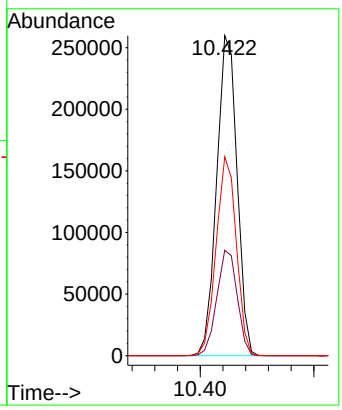


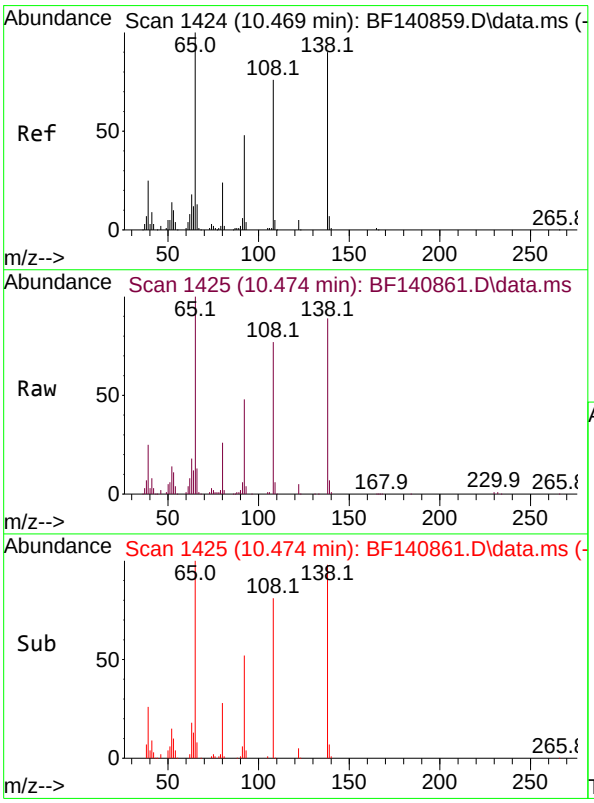
#61
4-Chlorophenyl-phenylether
Concen: 59.539 ng
RT: 10.422 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 324333

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	62.1	50.0	75.0

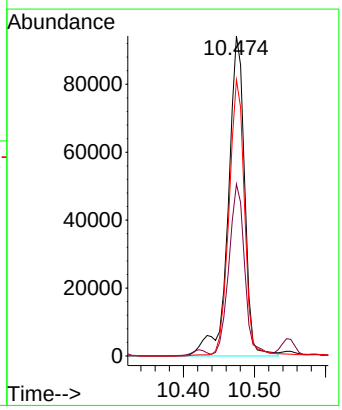


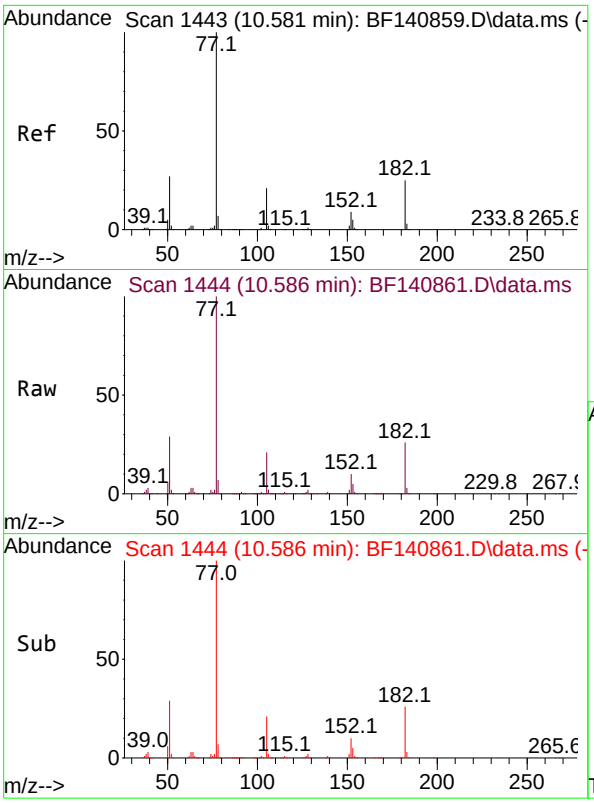


#62
4-Nitroaniline
Concen: 60.812 ng
RT: 10.474 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:138 Resp: 150990

Ion	Ratio	Lower	Upper
138	100		
92	53.7	32.6	72.6
108	86.3	64.1	104.1



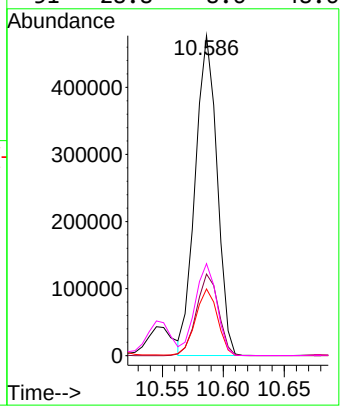


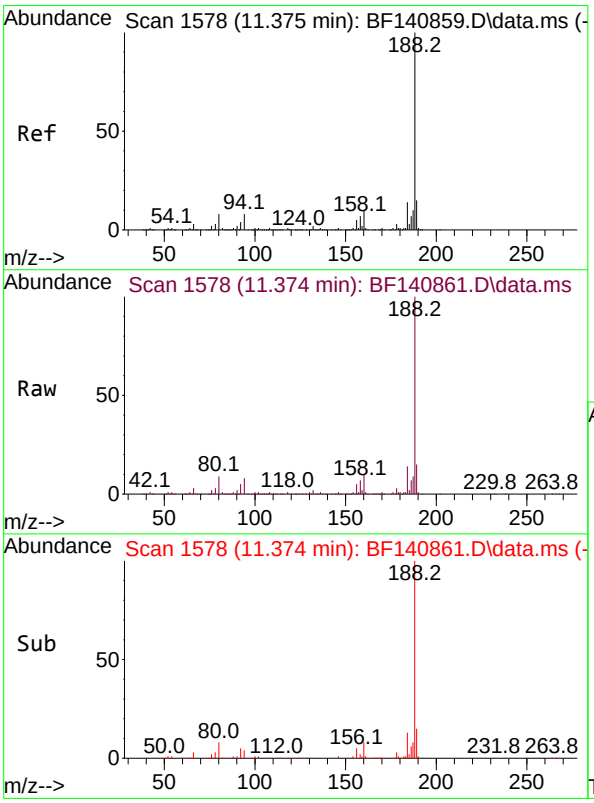
#63
Azobenzene
Concen: 58.245 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 594674

Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.5	44.5
105	20.8	0.9	40.9
51	28.8	8.6	48.6

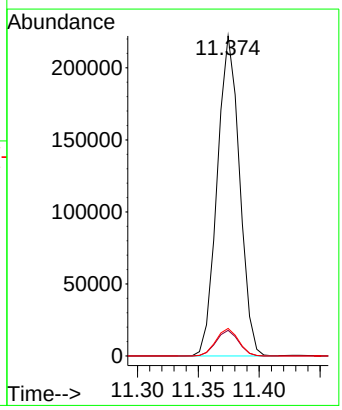


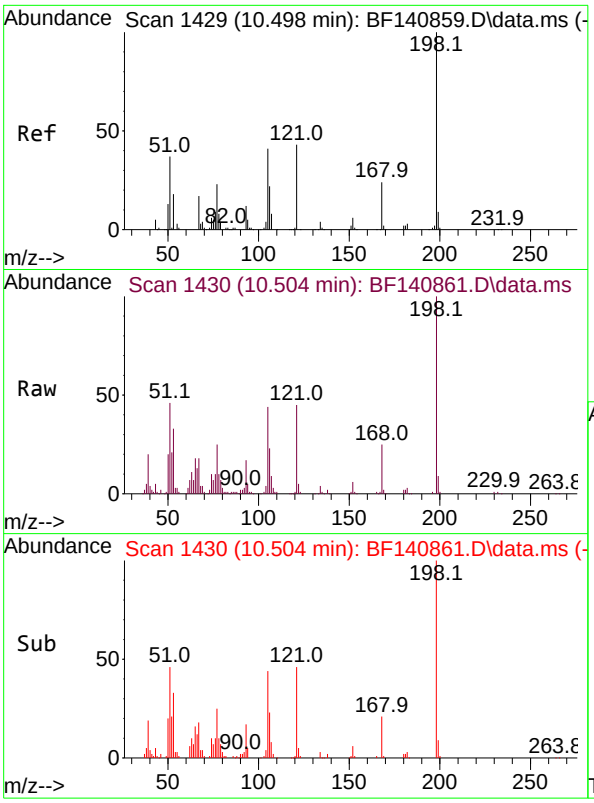


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:188 Resp: 283911

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	8.6	6.8	10.2



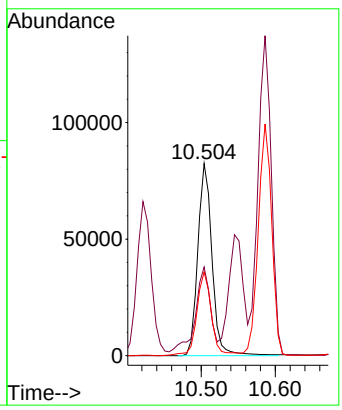


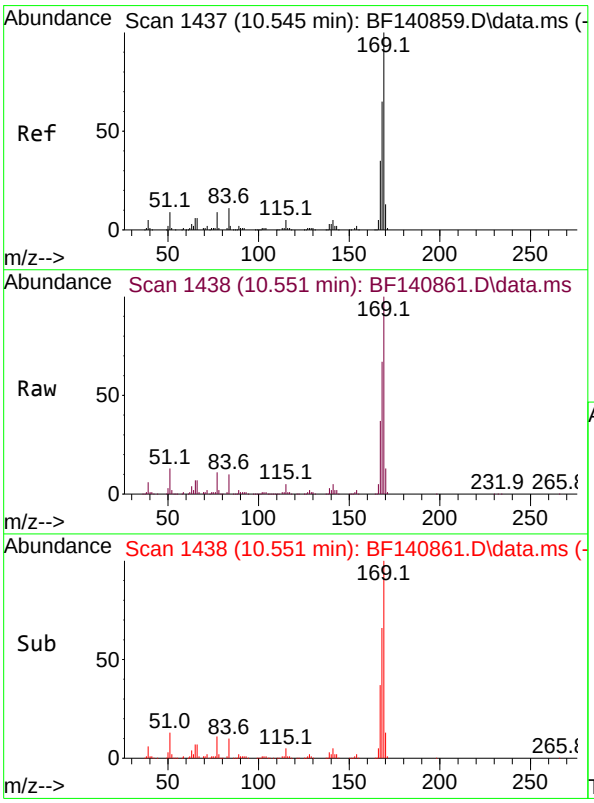
#65
4,6-Dinitro-2-methylphenol
Concen: 68.263 ng
RT: 10.504 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 109821

Ion	Ratio	Lower	Upper
198	100		
51	46.2	24.4	64.4
105	43.6	22.1	62.1

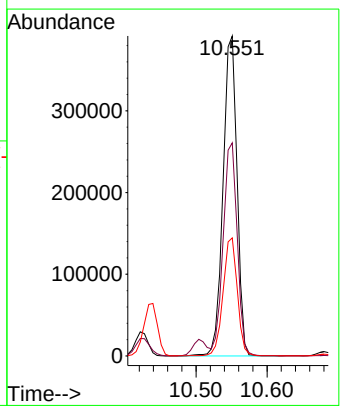


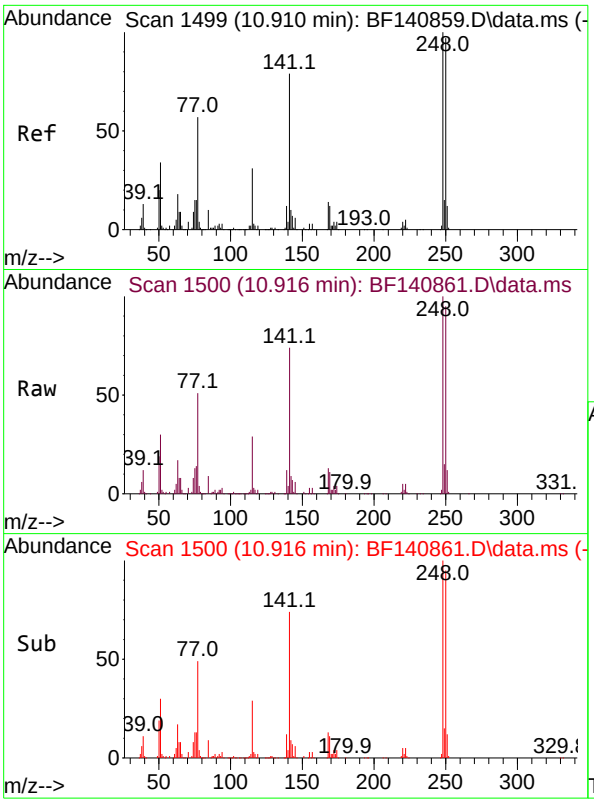


#66
n-Nitrosodiphenylamine
Concen: 61.058 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:169 Resp: 532978

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.4	80.0
167	36.9	28.3	42.5



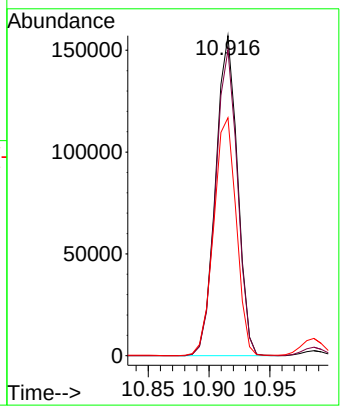


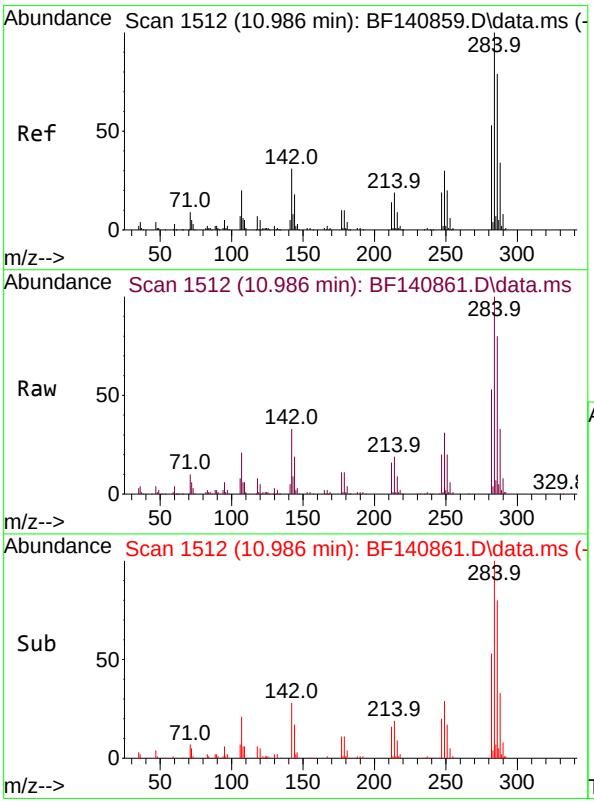
#67
4-Bromophenyl-phenylether
Concen: 61.907 ng
RT: 10.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 196628

Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.4	116.2
141	74.3	62.9	94.3

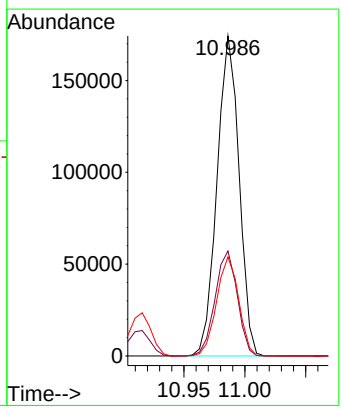


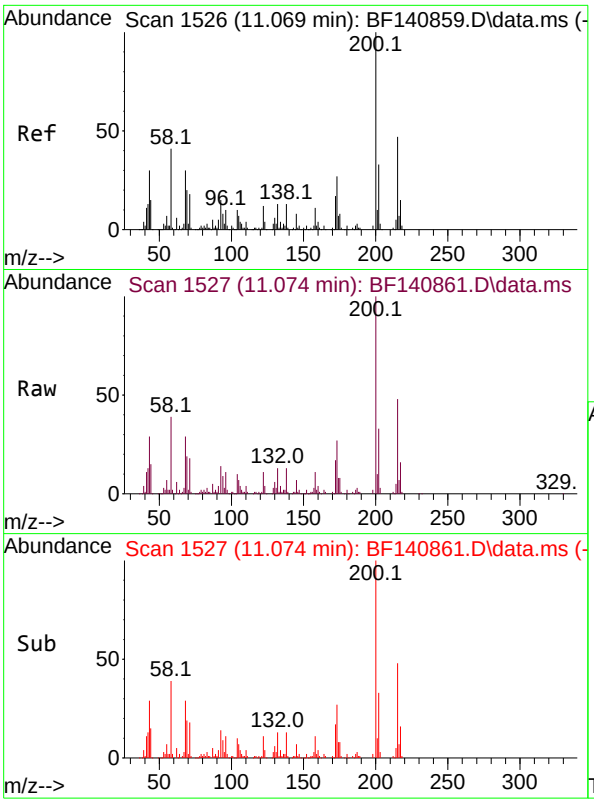


#68
Hexachlorobenzene
Concen: 61.005 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:284 Resp: 219687

Ion	Ratio	Lower	Upper
284	100		
142	32.8	24.6	36.8
249	31.0	24.3	36.5



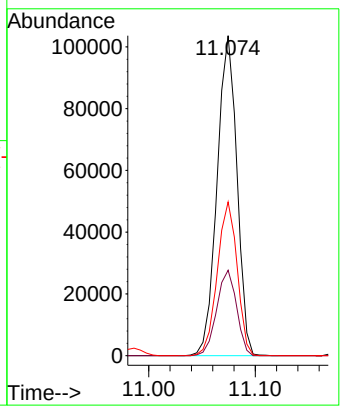


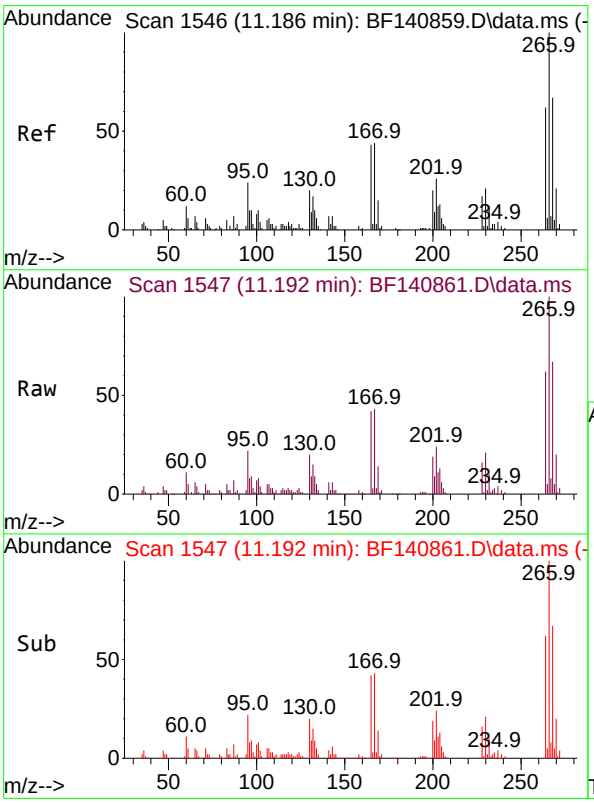
#69
Atrazine
Concen: 54.965 ng
RT: 11.074 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 134000

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.6	46.6
215	48.1	26.7	66.7

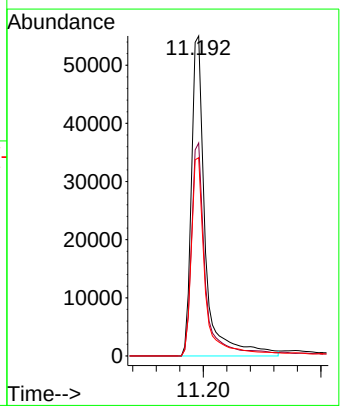


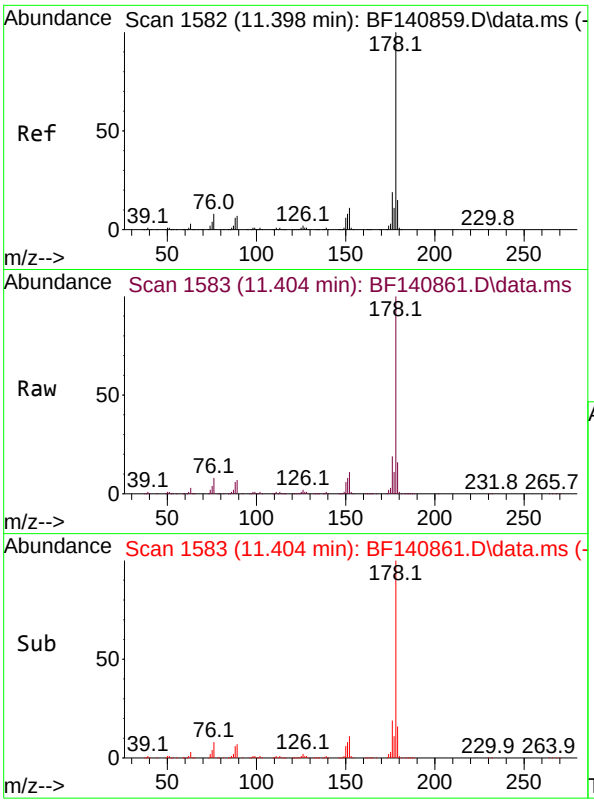


#70
Pentachlorophenol
Concen: 68.816 ng
RT: 11.192 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:266 Resp: 90656

Ion	Ratio	Lower	Upper
266	100		
268	66.6	54.0	81.0
264	62.0	49.4	74.2



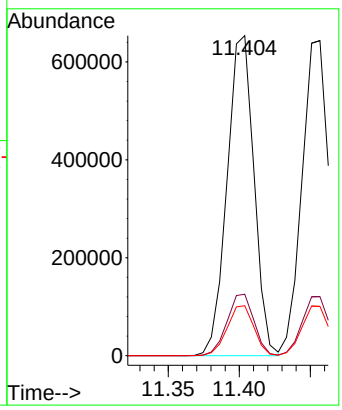


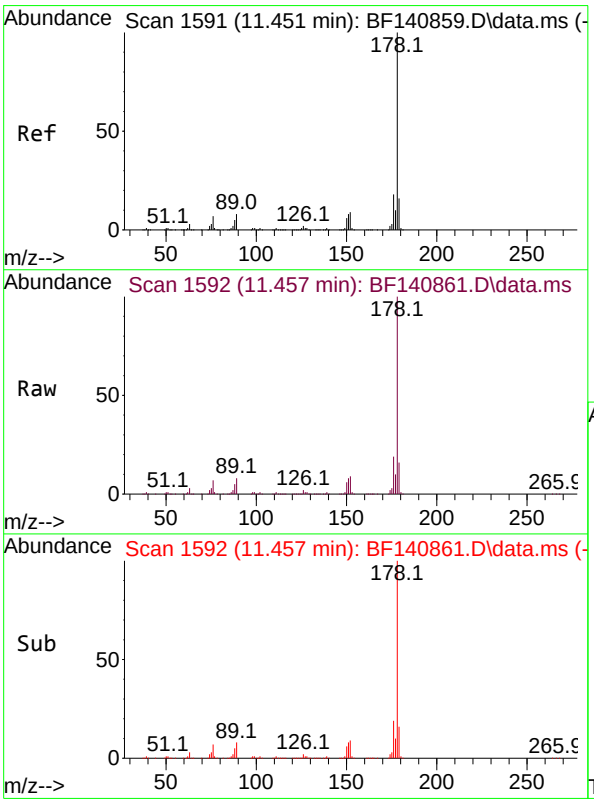
#71
Phenanthrene
Concen: 59.118 ng
RT: 11.404 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 863112

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.1	18.1

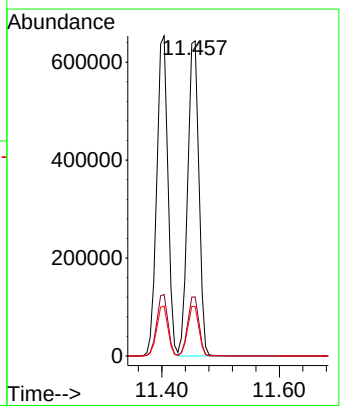


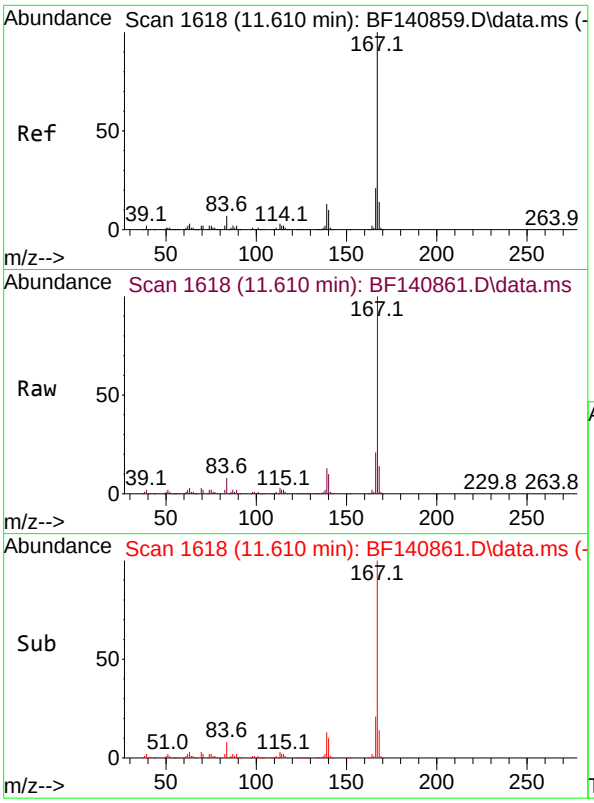


#72
Anthracene
Concen: 59.213 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:178 Resp: 851368

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.6	12.6	18.8



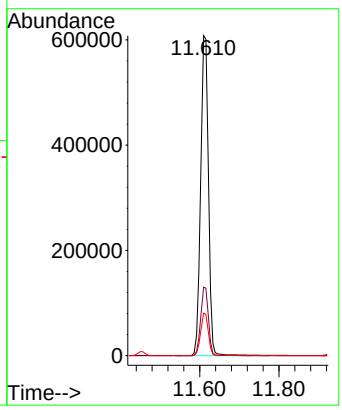


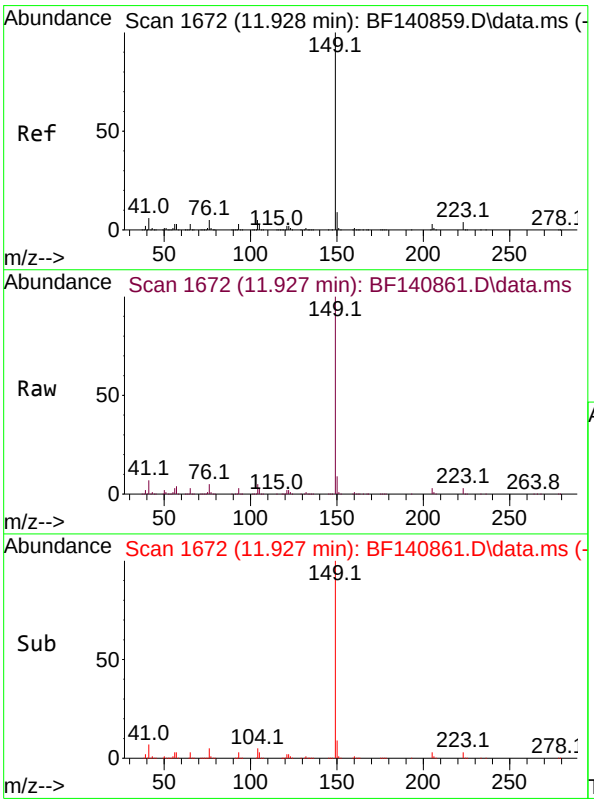
#73
Carbazole
Concen: 58.682 ng
RT: 11.610 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 826415

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	13.3	10.2	15.2

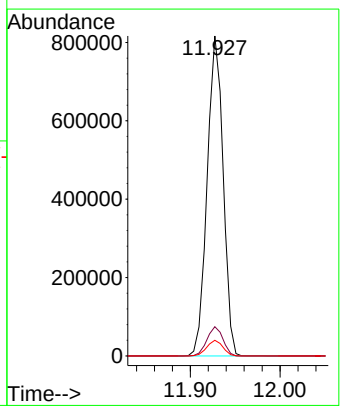


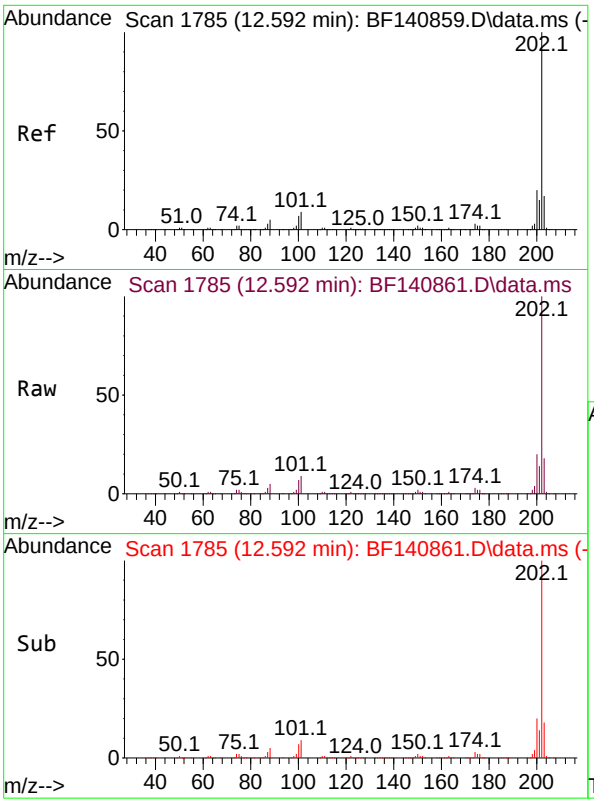


#74
Di-n-butylphthalate
Concen: 61.102 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:149 Resp: 1009898

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.9	3.8	5.8



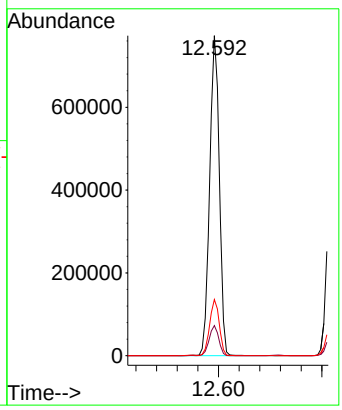


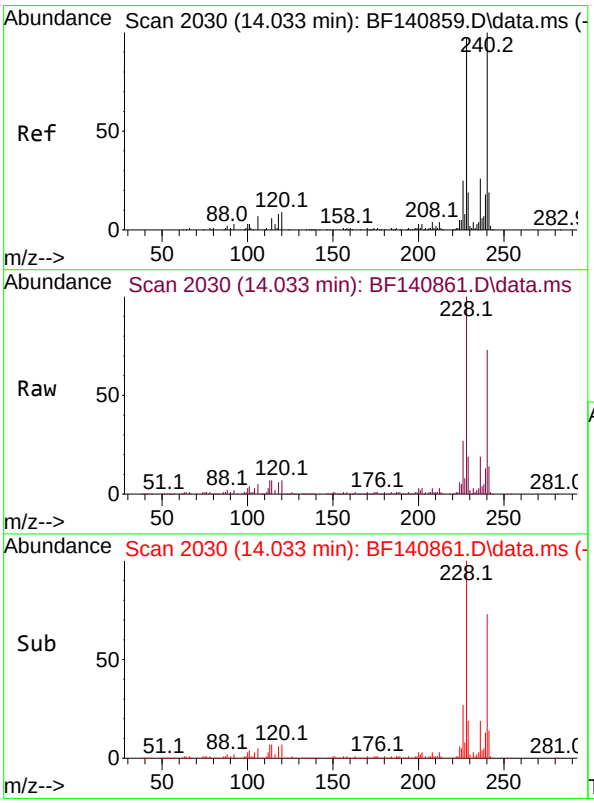
#75
Fluoranthene
Concen: 59.520 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 1000773

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.3
203	17.5	0.0	37.4

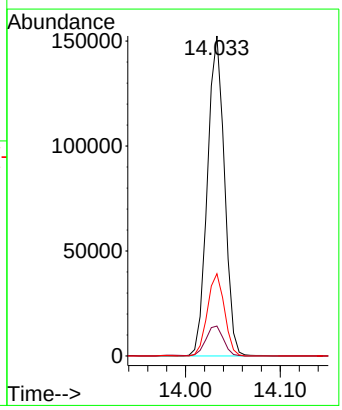


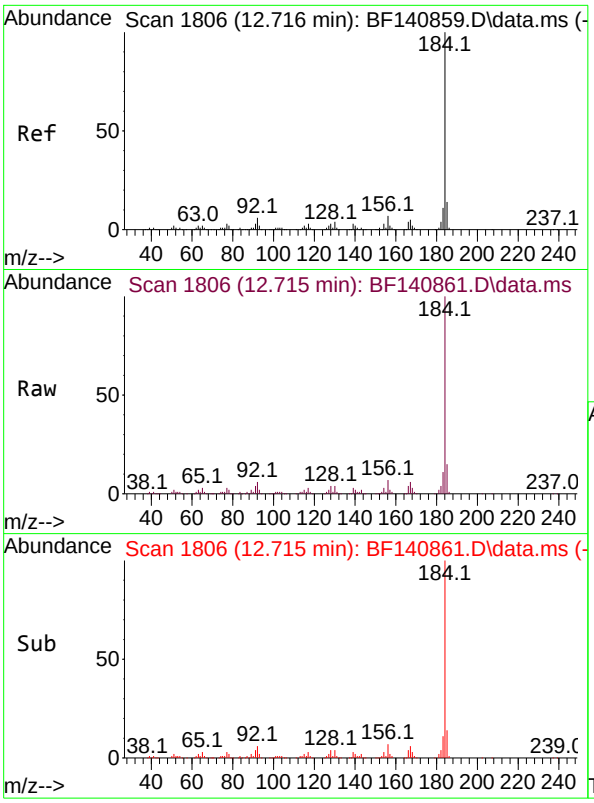


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:240 Resp: 189956

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.6	11.4
236	25.7	20.5	30.7



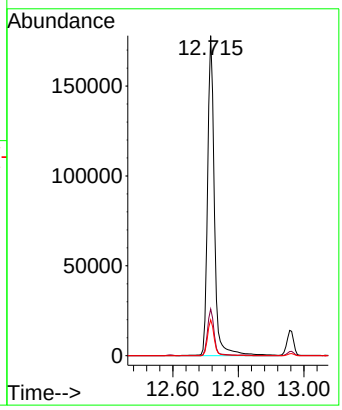


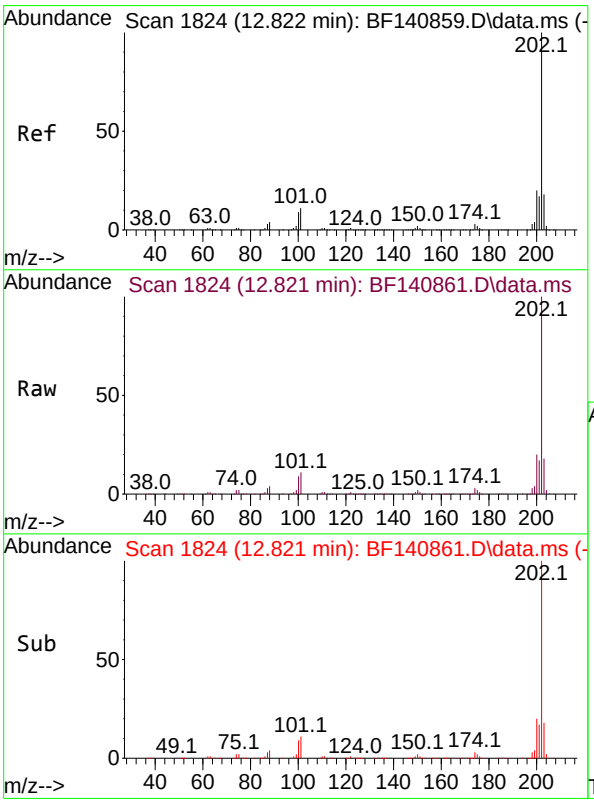
#77
Benzidine
Concen: 66.762 ng
RT: 12.715 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 258833

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.1	16.7
183	11.2	9.0	13.4

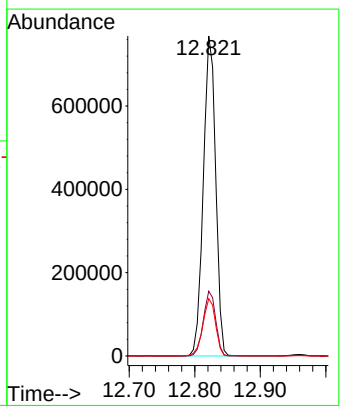


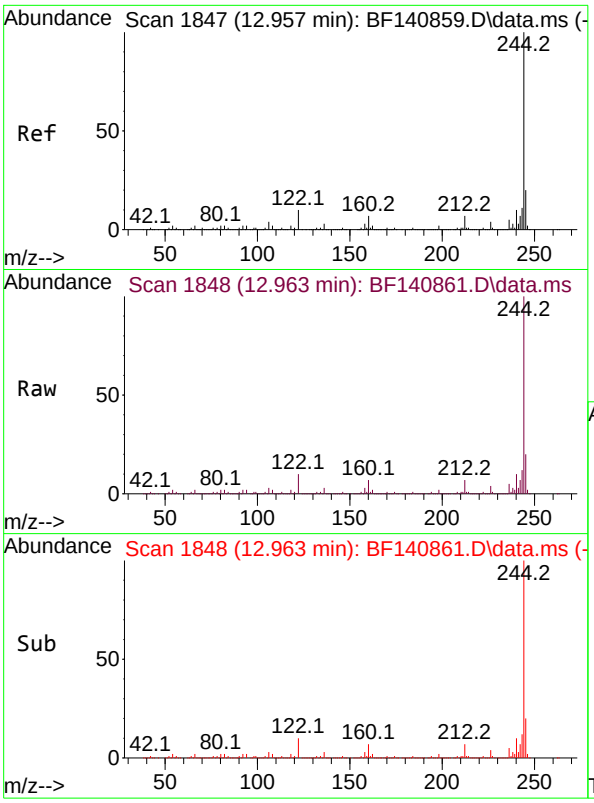


#78
Pyrene
Concen: 59.679 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:202 Resp: 1008093

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.1	24.1
203	17.9	14.2	21.4



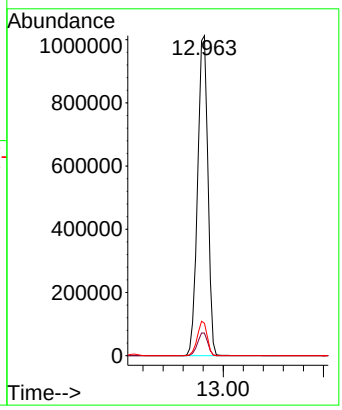


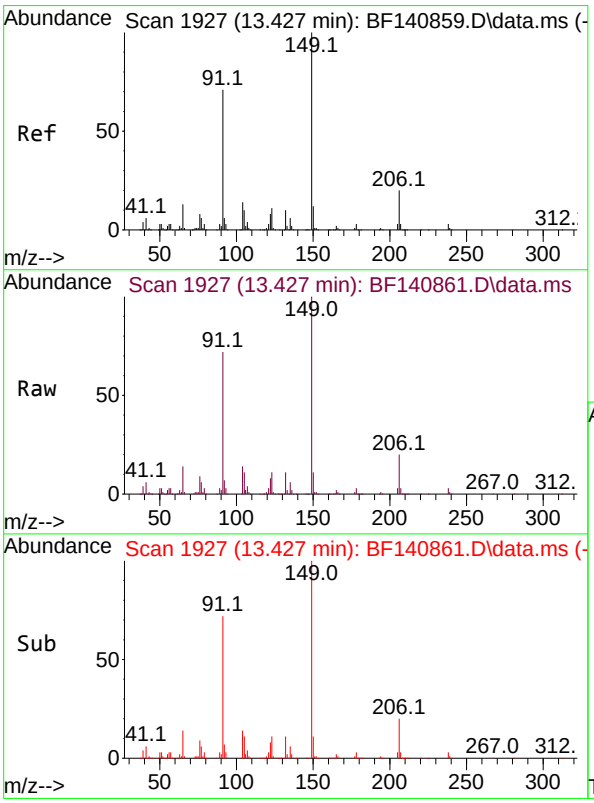
#79
Terphenyl-d14
Concen: 119.191 ng
RT: 12.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 1435829

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.2	8.2	12.2

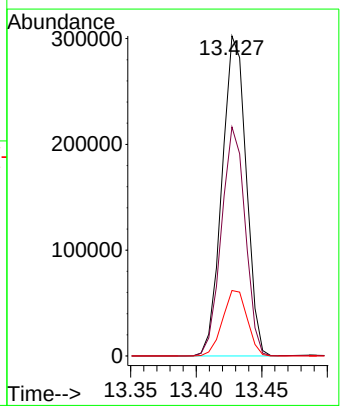


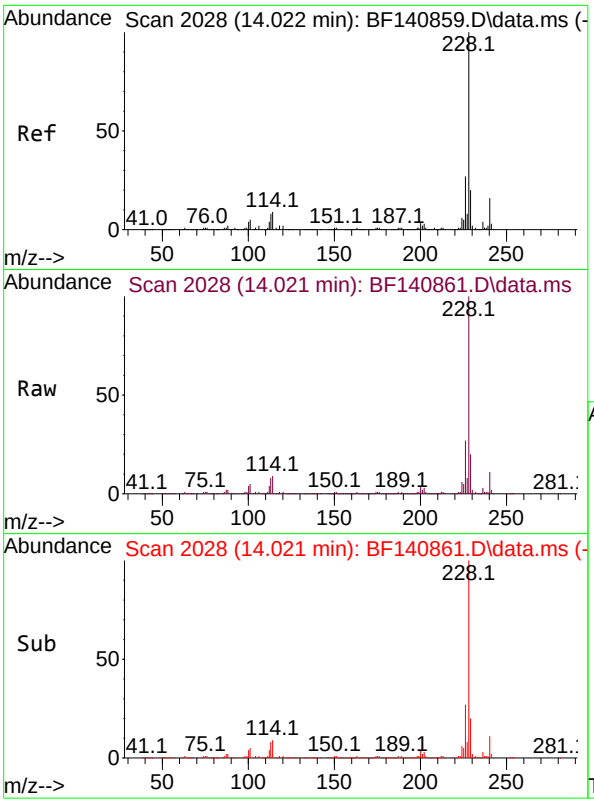


#80
Butylbenzylphthalate
Concen: 62.410 ng
RT: 13.427 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:149 Resp: 387906

Ion	Ratio	Lower	Upper
149	100		
91	71.6	56.7	85.1
206	20.5	16.4	24.6



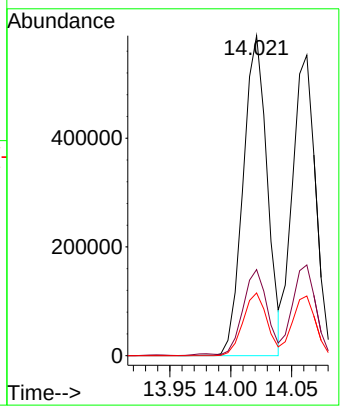


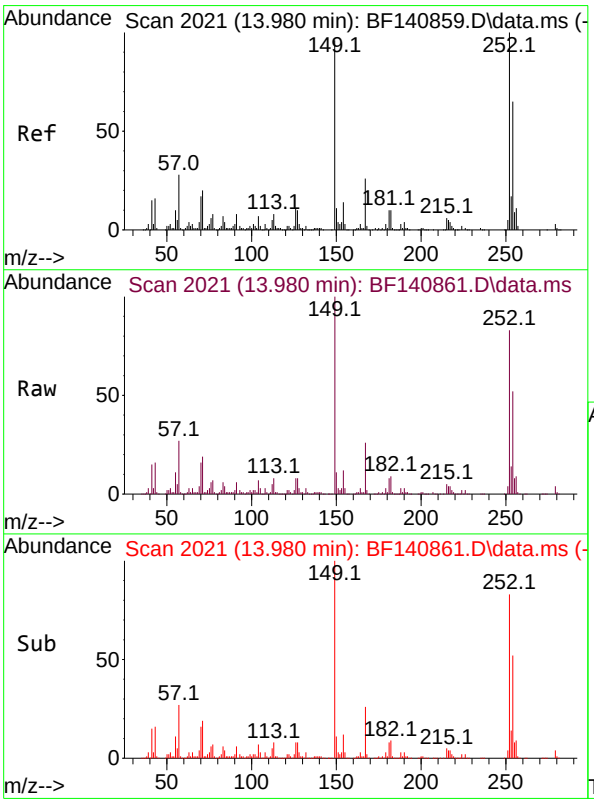
#81
Benzo(a)anthracene
Concen: 60.019 ng
RT: 14.021 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 808026

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.6	15.8	23.8

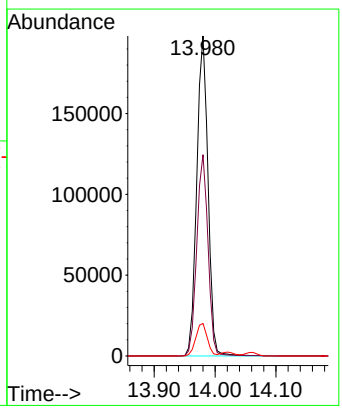


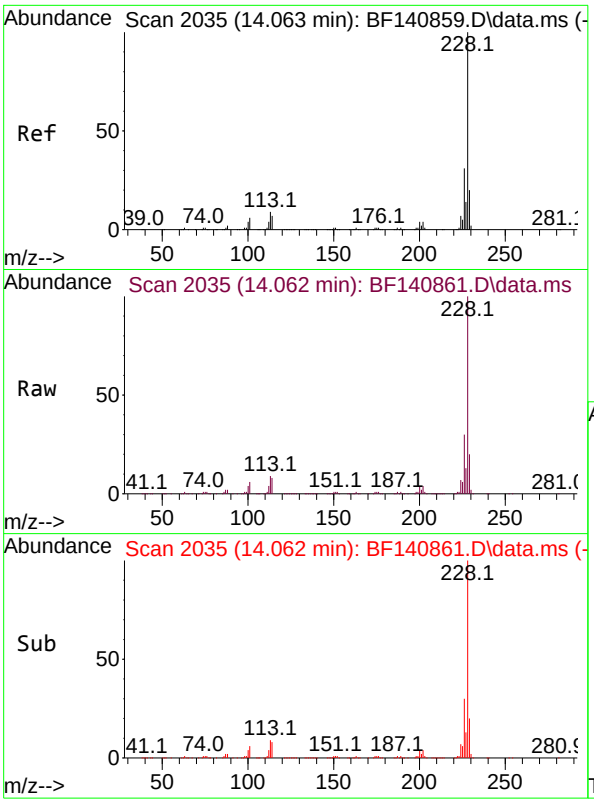


#82
3,3'-Dichlorobenzidine
Concen: 62.622 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:252 Resp: 254358

Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.3	78.5
126	10.2	8.4	12.6



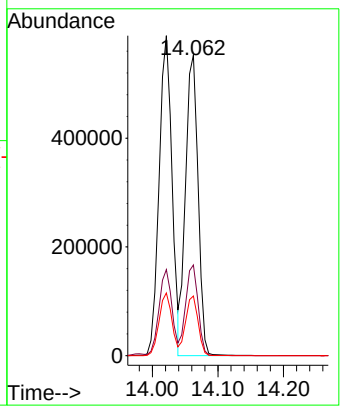


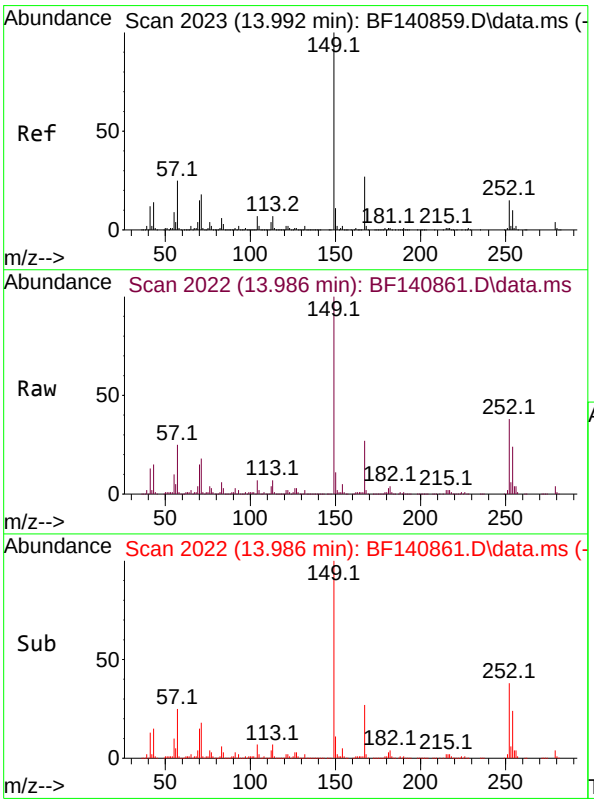
#83
Chrysene
Concen: 59.712 ng
RT: 14.062 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 731004

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.8	16.0	24.0

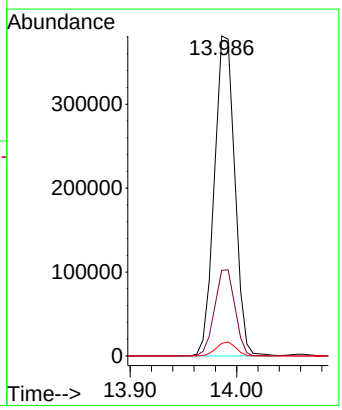


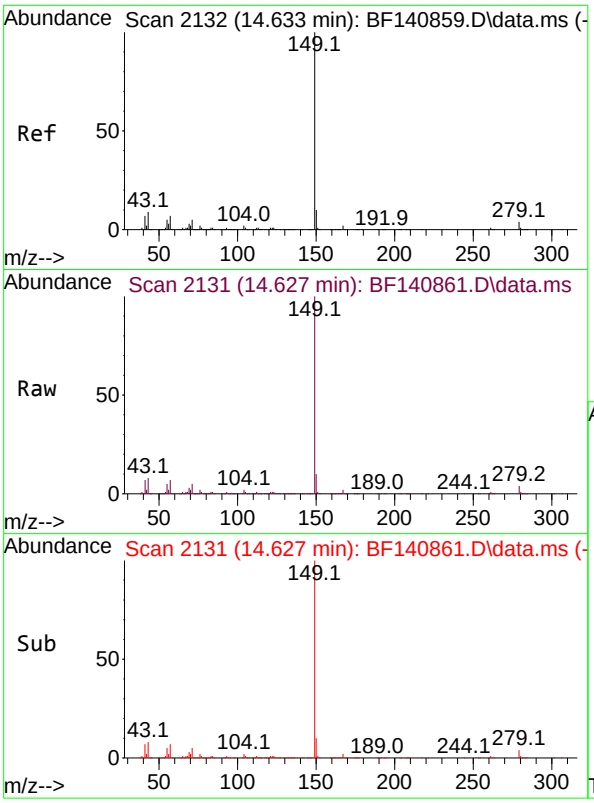


#84
Bis(2-ethylhexyl)phthalate
Concen: 63.289 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:149 Resp: 507221

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.8
279	4.0	3.5	5.3



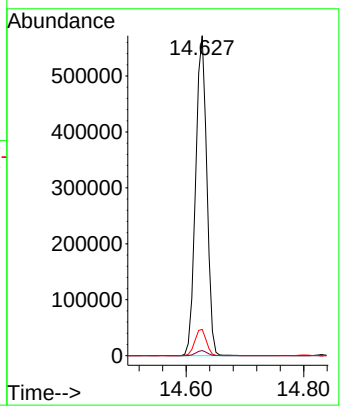


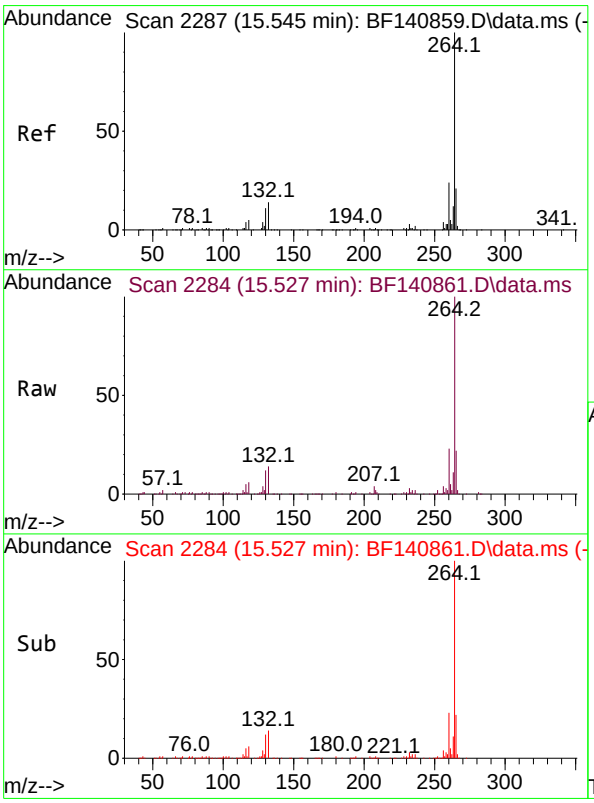
#85
Di-n-octyl phthalate
Concen: 62.220 ng
RT: 14.627 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 754409

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	7.0	10.6

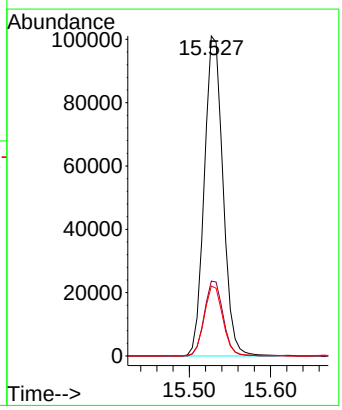


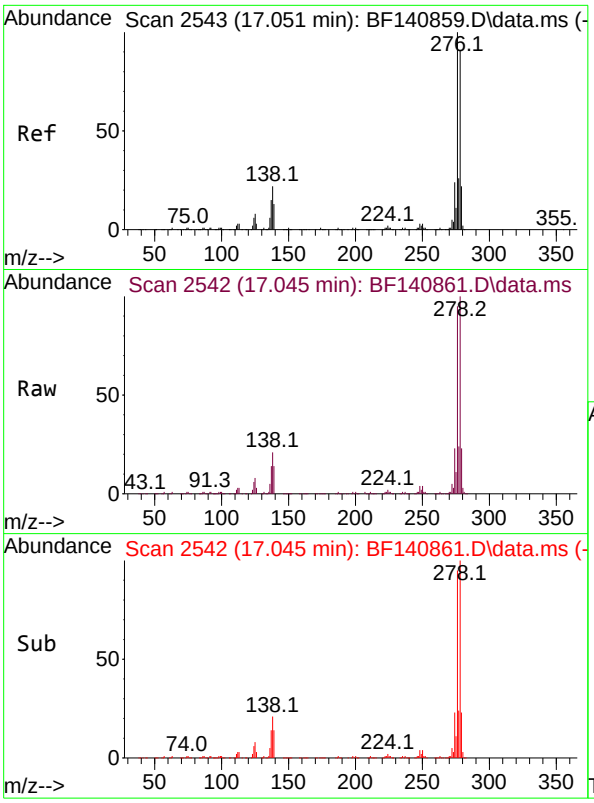


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:264 Resp: 161062

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.9	17.0	25.4



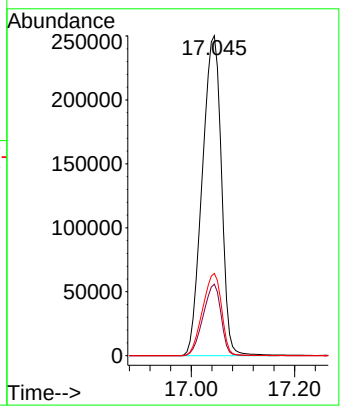


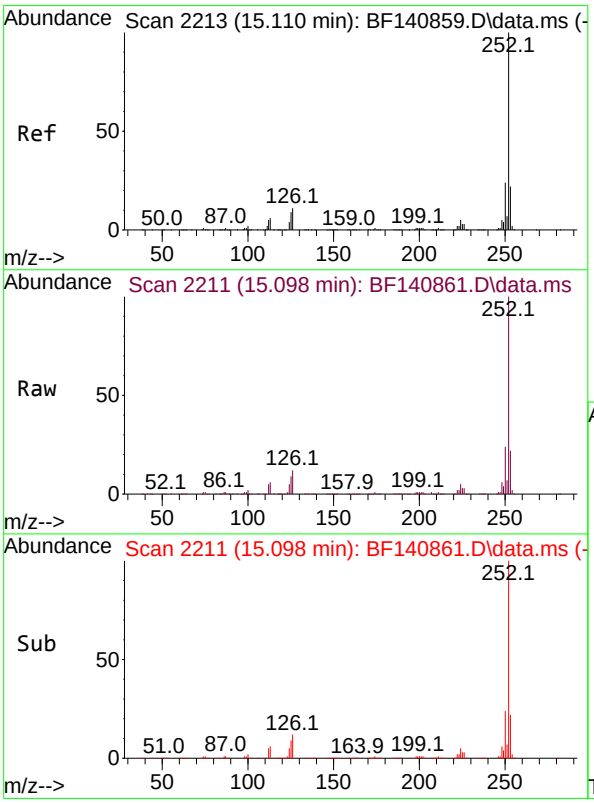
#87
Indeno(1,2,3-cd)pyrene
Concen: 63.934 ng
RT: 17.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 642591

Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.9	25.3
277	25.5	20.2	30.4

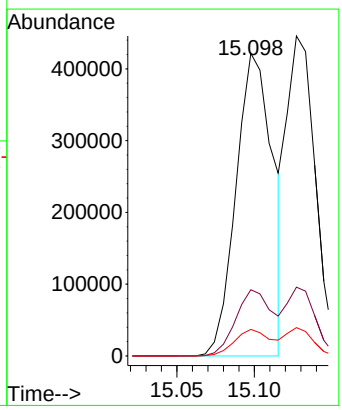


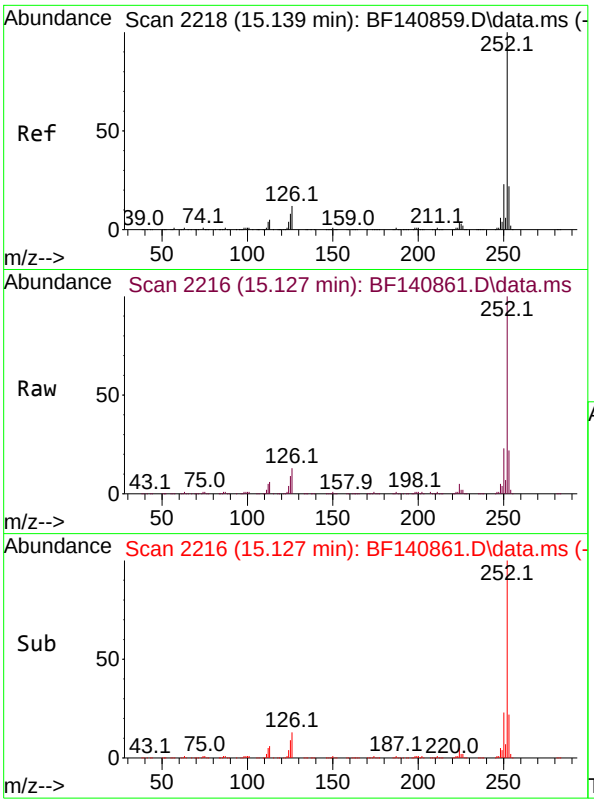


#88
Benzo(b)fluoranthene
Concen: 62.306 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:252 Resp: 696582

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.8	7.0	10.4



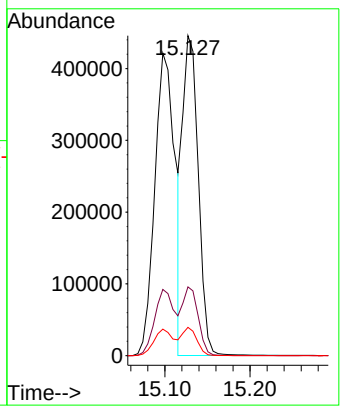


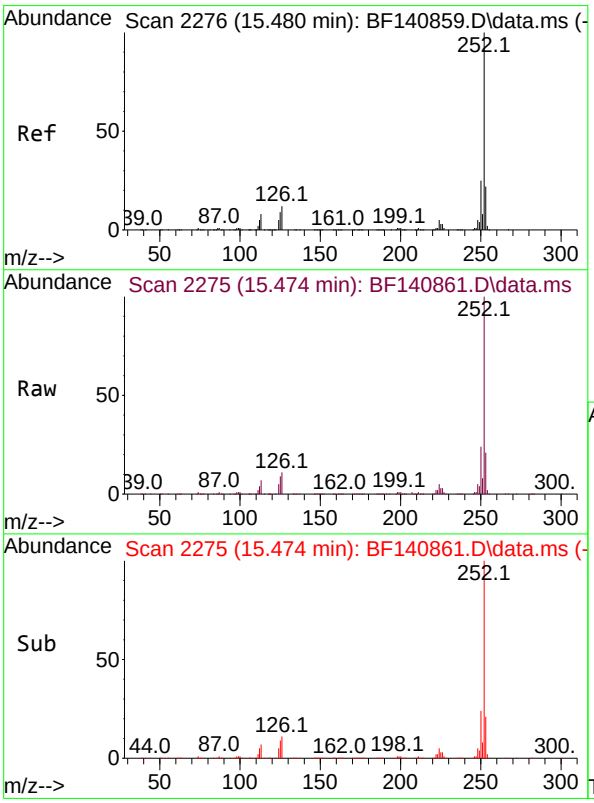
#89
Benzo(k)fluoranthene
Concen: 59.574 ng
RT: 15.127 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 571329

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	8.8	6.8	10.2

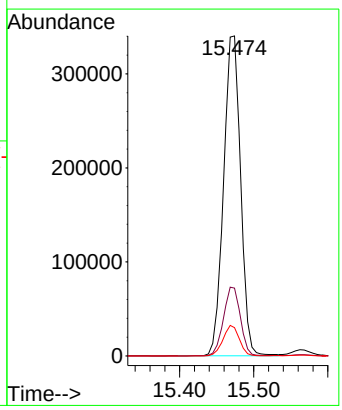


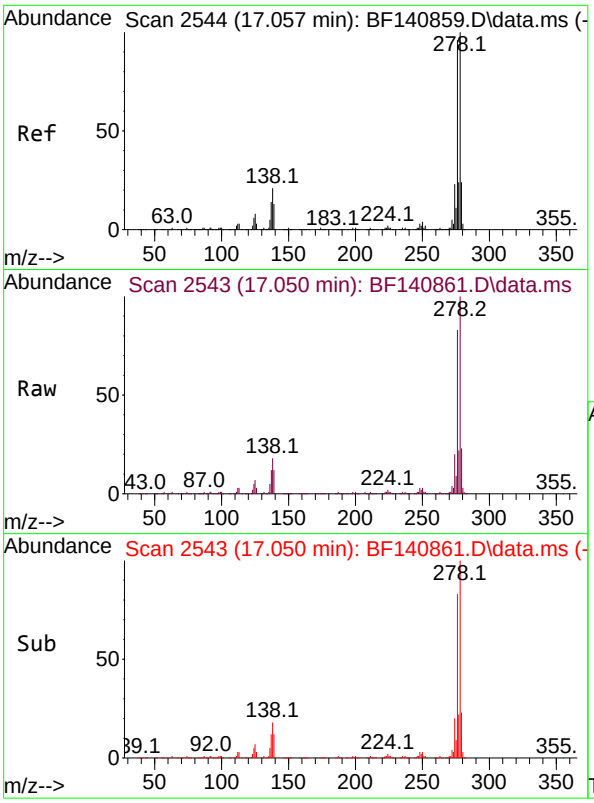


#90
Benzo(a)pyrene
Concen: 61.920 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:252 Resp: 542075

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	8.9	7.5	11.3



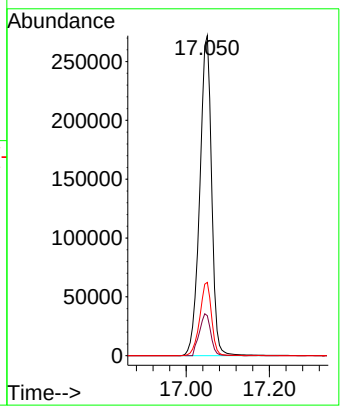


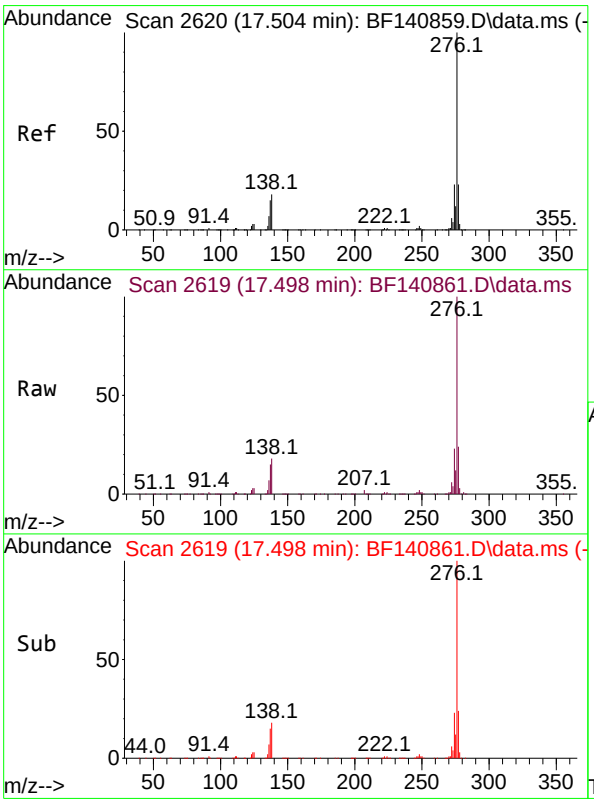
#91
Dibenzo(a,h)anthracene
Concen: 64.789 ng
RT: 17.050 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 539476

Ion	Ratio	Lower	Upper
278	100		
139	12.5	10.6	16.0
279	22.9	19.2	28.8

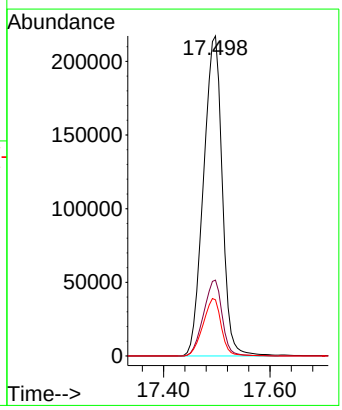




#92
Benzo(g,h,i)perylene
Concen: 62.602 ng
RT: 17.498 min Scan# 2619
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:276 Resp: 530525

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	17.5	14.2	21.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140862.D
Acq On : 16 Dec 2024 16:15
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Dec 16 16:52:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	82694	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	323165	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	169321	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	364516	20.000	ng		0.00
76) Chrysene-d12	14.033	240	182739	20.000	ng		0.00
86) Perylene-d12	15.539	264	171569	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	732058	145.730	ng		0.00
7) Phenol-d6	6.510	99	982302	147.637	ng		0.01
23) Nitrobenzene-d5	7.428	82	947083	146.623	ng		0.01
42) 2,4,6-Tribromophenol	10.686	330	304721	152.164	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	2054327	166.807	ng		0.00
79) Terphenyl-d14	12.963	244	2018997	174.221	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	162832	75.255	ng		98
3) Pyridine	3.399	79	375906	75.017	ng		99
4) n-Nitrosodimethylamine	3.375	42	194050	76.818	ng		97
6) Aniline	6.528	93	399627	70.247	ng		92
8) 2-Chlorophenol	6.651	128	406710	74.245	ng		99
9) Benzaldehyde	6.410	77	219459	59.528	ng		99
10) Phenol	6.522	94	507289	73.564	ng		100
11) bis(2-Chloroethyl)ether	6.593	93	389038	75.649	ng		99
12) 1,3-Dichlorobenzene	6.792	146	461108	73.871	ng		99
13) 1,4-Dichlorobenzene	6.869	146	462233	72.952	ng		99
14) 1,2-Dichlorobenzene	7.022	146	437177	73.129	ng		98
15) Benzyl Alcohol	7.004	79	349382	73.442	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	449685	74.228	ng		85
17) 2-Methylphenol	7.122	107	328432	75.095	ng		99
18) Hexachloroethane	7.357	117	176920	75.005	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	288752	72.349	ng		99
20) 3+4-Methylphenols	7.275	107	421165	72.622	ng		97
22) Acetophenone	7.269	105	576358	71.295	ng	#	99
24) Nitrobenzene	7.445	77	484693	73.246	ng		98
25) Isophorone	7.681	82	815074	75.310	ng		99
26) 2-Nitrophenol	7.757	139	232926	76.426	ng		98
27) 2,4-Dimethylphenol	7.798	122	270864	76.101	ng		98
28) bis(2-Chloroethoxy)met...	7.881	93	508754	75.263	ng		98
29) 2,4-Dichlorophenol	8.004	162	374434	76.199	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	420429	74.635	ng		99
31) Naphthalene	8.157	128	1318982	74.301	ng		100
32) Benzoic acid	7.969	122	284705	84.342	ng		98
33) 4-Chloroaniline	8.216	127	451539	76.586	ng		99
34) Hexachlorobutadiene	8.263	225	282790	74.615	ng		99
35) Caprolactam	8.616	113	125537m	85.813	ng		
36) 4-Chloro-3-methylphenol	8.704	107	449654	81.301	ng		97
37) 2-Methylnaphthalene	8.845	142	942892	80.295	ng		100
38) 1-Methylnaphthalene	8.945	142	925535	79.695	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	466438	89.625	ng		99
41) Hexachlorocyclopentadiene	8.992	237	149909	80.025	ng		99
43) 2,4,6-Trichlorophenol	9.134	196	301828	94.714	ng		100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140862.D
Acq On : 16 Dec 2024 16:15
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Dec 16 16:52:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	321402	91.760 ng	99
46) 1,1'-Biphenyl	9.310	154	1186930	88.155 ng	99
47) 2-Chloronaphthalene	9.339	162	927799	90.075 ng	99
48) 2-Nitroaniline	9.439	65	289810	93.162 ng	99
49) Acenaphthylene	9.751	152	1169747	77.278 ng	100
50) Dimethylphthalate	9.616	163	1049196	87.890 ng	100
51) 2,6-Dinitrotoluene	9.686	165	240439	88.104 ng	95
52) Acenaphthene	9.922	154	710789	73.511 ng	100
53) 3-Nitroaniline	9.857	138	208004	76.804 ng	98
54) 2,4-Dinitrophenol	9.975	184	106230	79.797 ng	95
55) Dibenzofuran	10.092	168	1071923	71.543 ng	100
56) 4-Nitrophenol	10.039	139	112972	77.685 ng	96
57) 2,4-Dinitrotoluene	10.092	165	263636	73.423 ng	99
58) Fluorene	10.439	166	904163	73.147 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	230812	80.870 ng	99
60) Diethylphthalate	10.310	149	911868	73.664 ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	456754	73.562 ng	97
62) 4-Nitroaniline	10.480	138	216635	76.547 ng	99
63) Azobenzene	10.586	77	862457	74.110 ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	158996	76.975 ng	98
66) n-Nitrosodiphenylamine	10.551	169	767906	68.519 ng	99
67) 4-Bromophenyl-phenylether	10.916	248	279941	68.648 ng	99
68) Hexachlorobenzene	10.986	284	324661	70.220 ng	97
69) Atrazine	11.075	200	185877	59.385 ng	99
70) Pentachlorophenol	11.192	266	153999	91.050 ng	100
71) Phenanthrene	11.404	178	1365579	72.850 ng	99
72) Anthracene	11.457	178	1361788	73.769 ng	99
73) Carbazole	11.616	167	1341097	74.170 ng	100
74) Di-n-butylphthalate	11.927	149	1410986	66.492 ng	100
75) Fluoranthene	12.592	202	1374862	63.687 ng	98
77) Benzidine	12.716	184	276230	74.064 ng	99
78) Pyrene	12.827	202	1423860	87.621 ng	100
80) Butylbenzylphthalate	13.427	149	508497	85.043 ng	97
81) Benzo(a)anthracene	14.021	228	1001035	77.292 ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	291736	74.661 ng	99
83) Chrysene	14.063	228	881398	74.840 ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	624744	81.032 ng	99
85) Di-n-octyl phthalate	14.633	149	922920	79.125 ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	957167	89.400 ng	100
88) Benzo(b)fluoranthene	15.110	252	925999	77.753 ng	99
89) Benzo(k)fluoranthene	15.139	252	683254	66.881 ng	99
90) Benzo(a)pyrene	15.480	252	714906	76.662 ng	100
91) Dibenzo(a,h)anthracene	17.062	278	792175	89.311 ng	99
92) Benzo(g,h,i)perylene	17.509	276	840468	93.101 ng	99

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

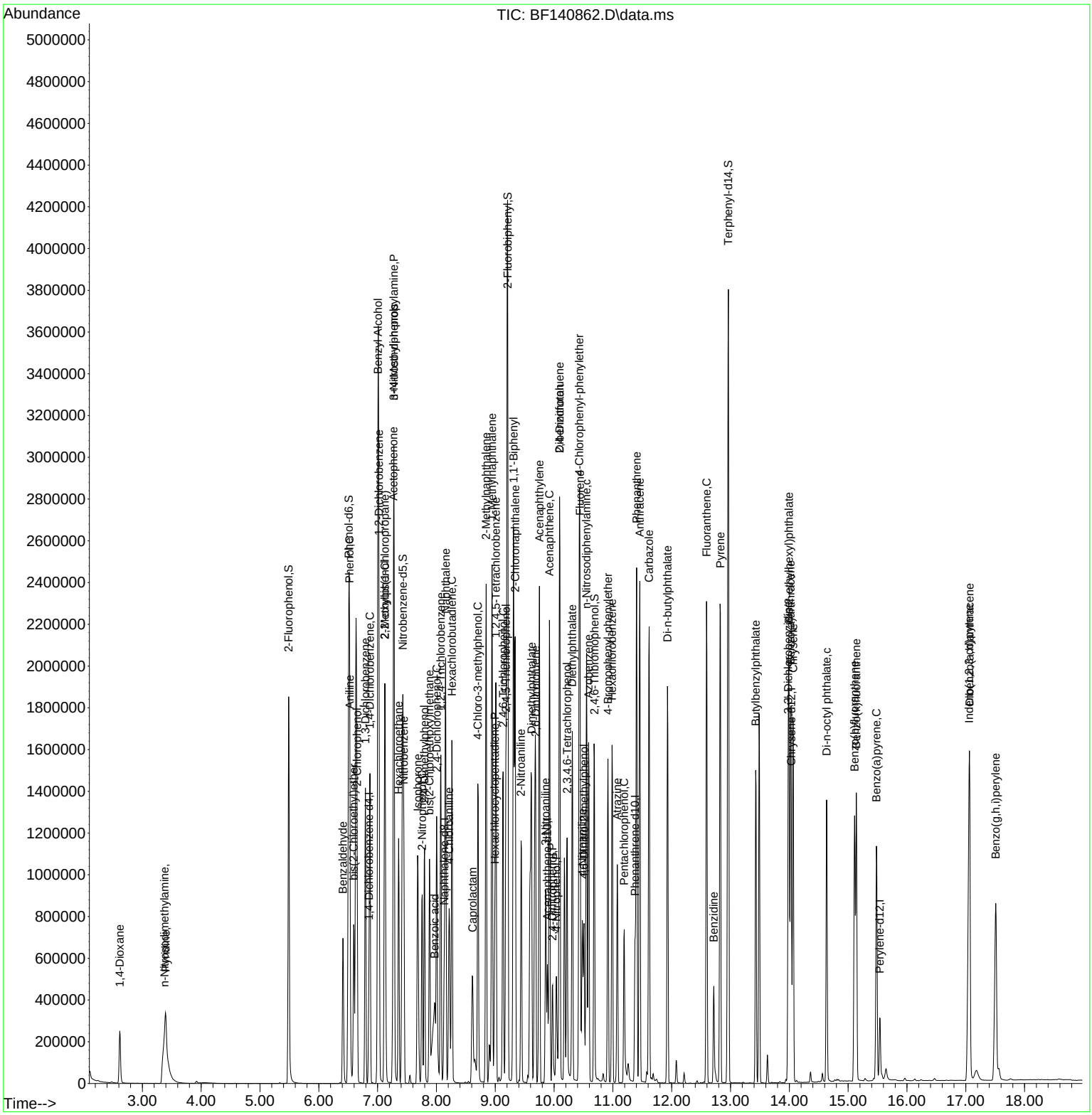
Quantitation Report (QT Reviewed)

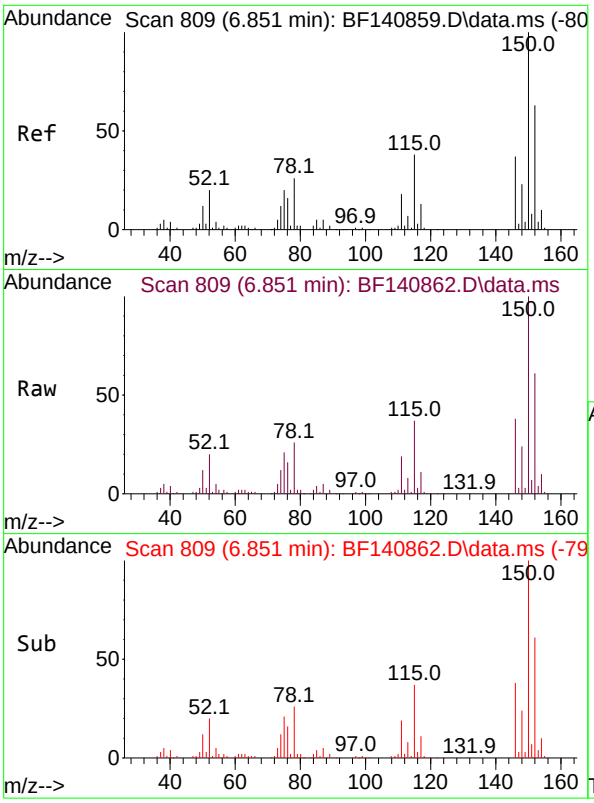
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140862.D
Acq On : 16 Dec 2024 16:15
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Dec 16 16:52:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



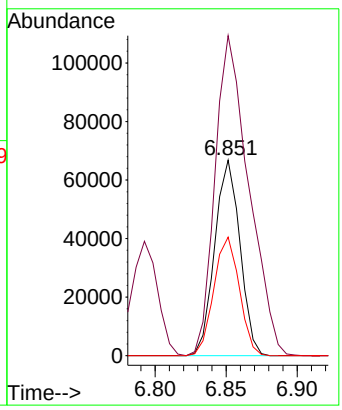


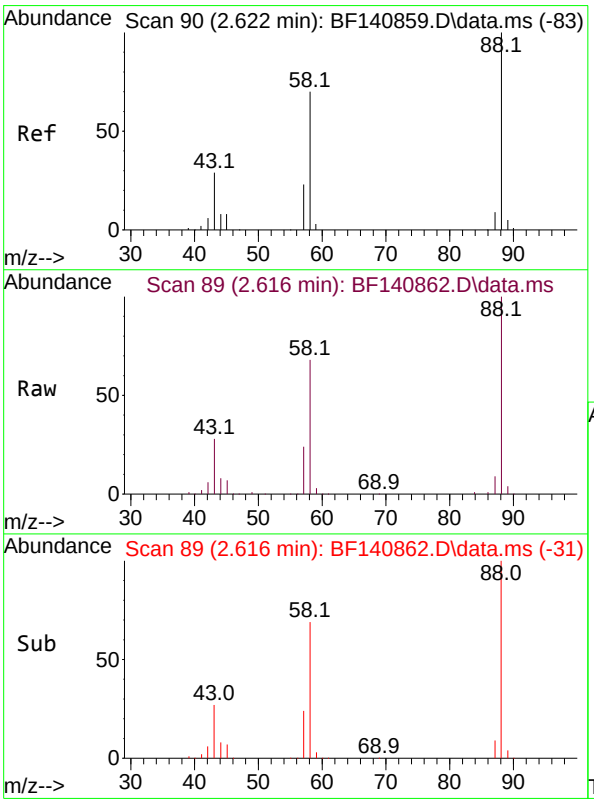
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 82694

Ion	Ratio	Lower	Upper
152	100		
150	163.6	127.9	191.9
115	60.6	48.0	72.0

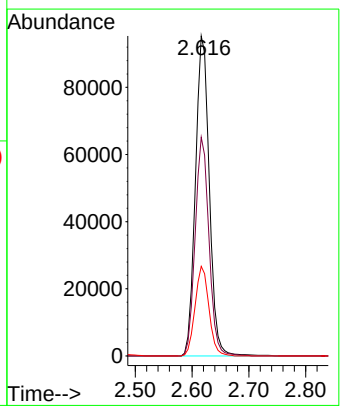


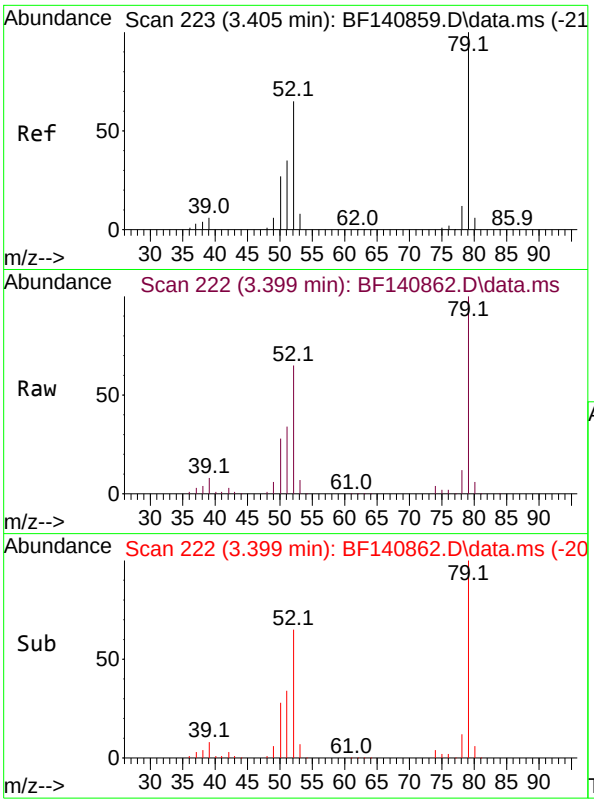


#2
1,4-Dioxane
Concen: 75.255 ng
RT: 2.616 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 88 Resp: 162832

Ion	Ratio	Lower	Upper
88	100		
58	67.8	55.8	83.8
43	27.9	22.7	34.1



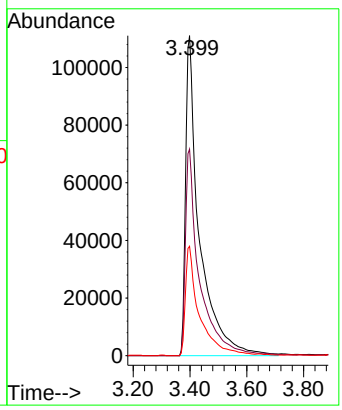


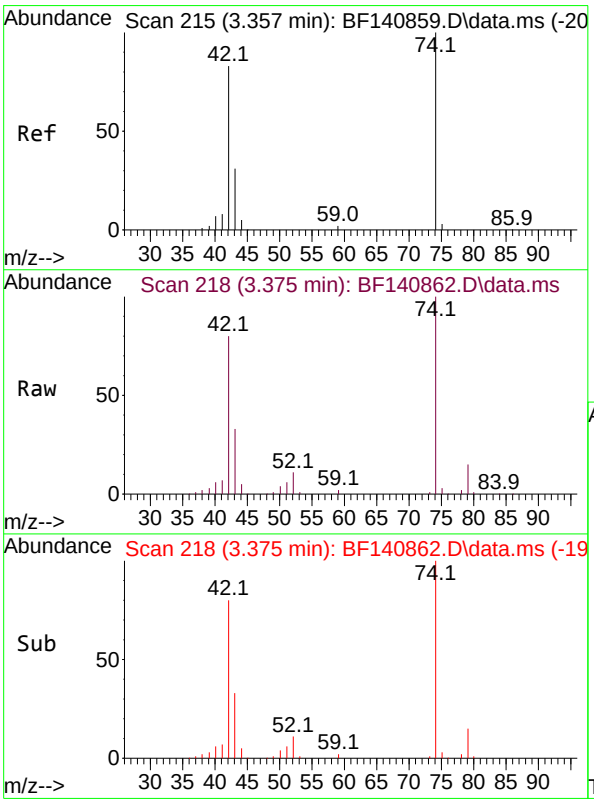
#3
Pyridine
Concen: 75.017 ng
RT: 3.399 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 375906

Ion	Ratio	Lower	Upper
79	100		
52	64.6	51.7	77.5
51	34.2	28.2	42.4

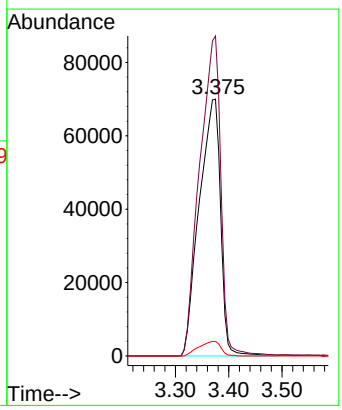


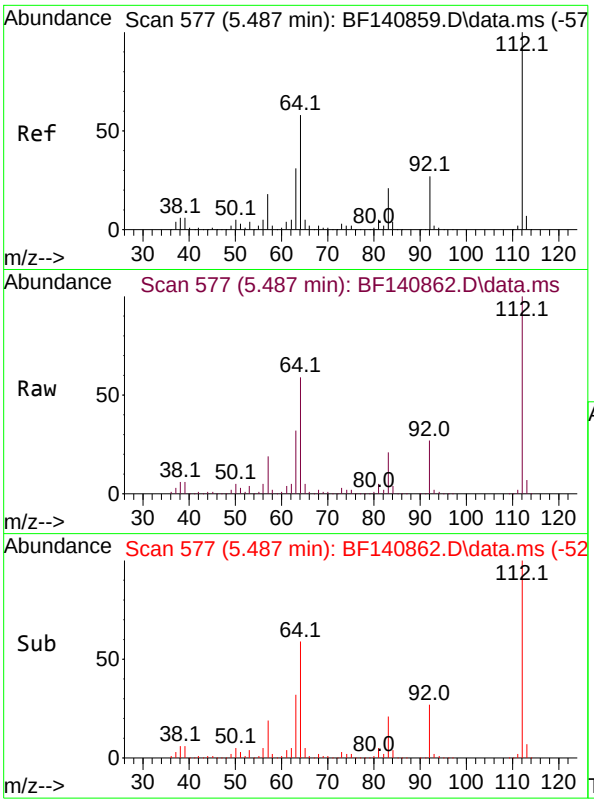


#4
n-Nitrosodimethylamine
Concen: 76.818 ng
RT: 3.375 min Scan# 218
Delta R.T. 0.018 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 42 Resp: 194050

Ion	Ratio	Lower	Upper
42	100		
74	124.6	96.9	145.3
44	5.7	4.4	6.6



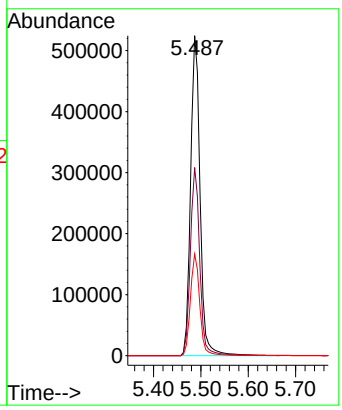


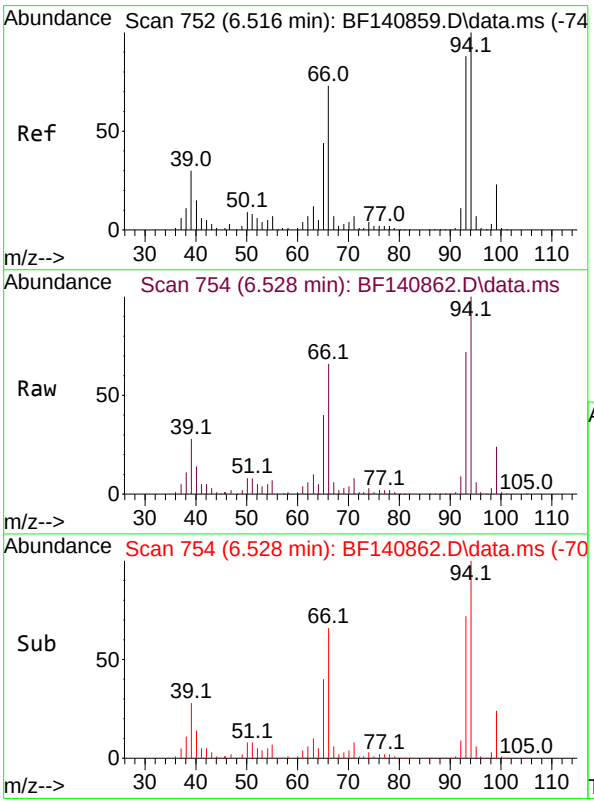
#5
2-Fluorophenol
Concen: 145.730 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 732058

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.1	69.1
63	31.7	24.9	37.3

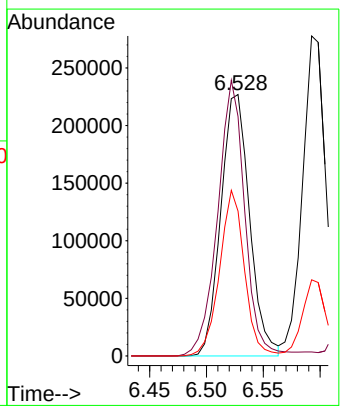


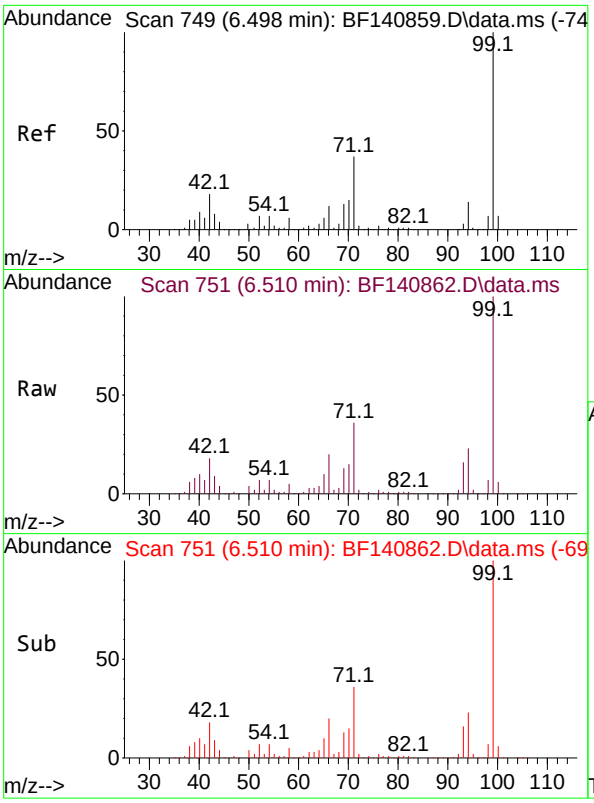


#6
Aniline
Concen: 70.247 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 93 Resp: 399627

Ion	Ratio	Lower	Upper
93	100		
66	91.6	67.0	100.4
65	55.4	40.4	60.6



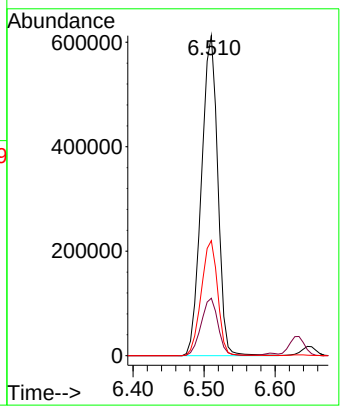


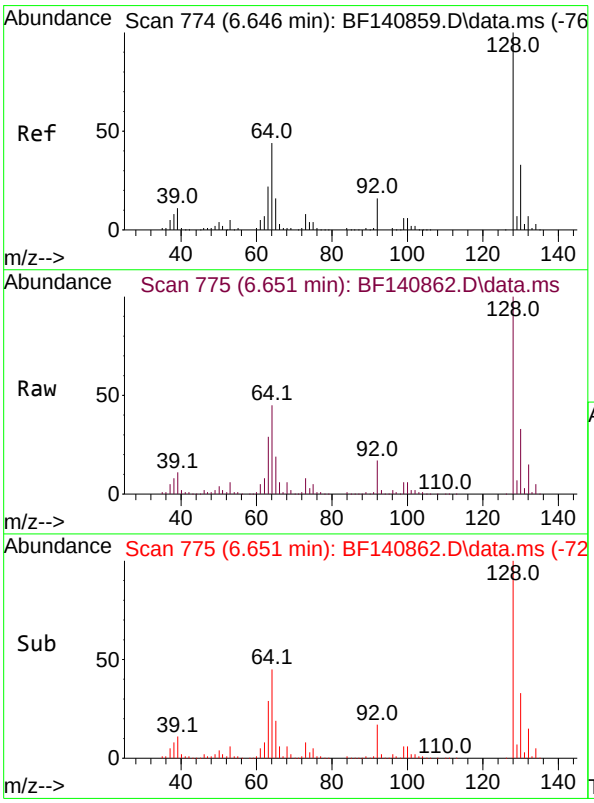
#7
Phenol-d6
Concen: 147.637 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 982302

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.3	21.5
71	35.9	29.9	44.9

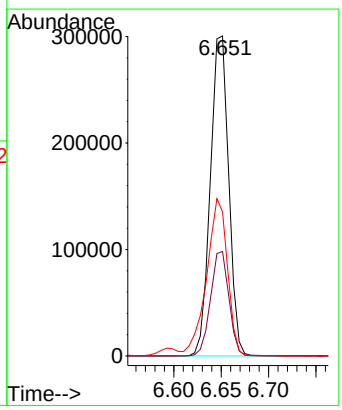


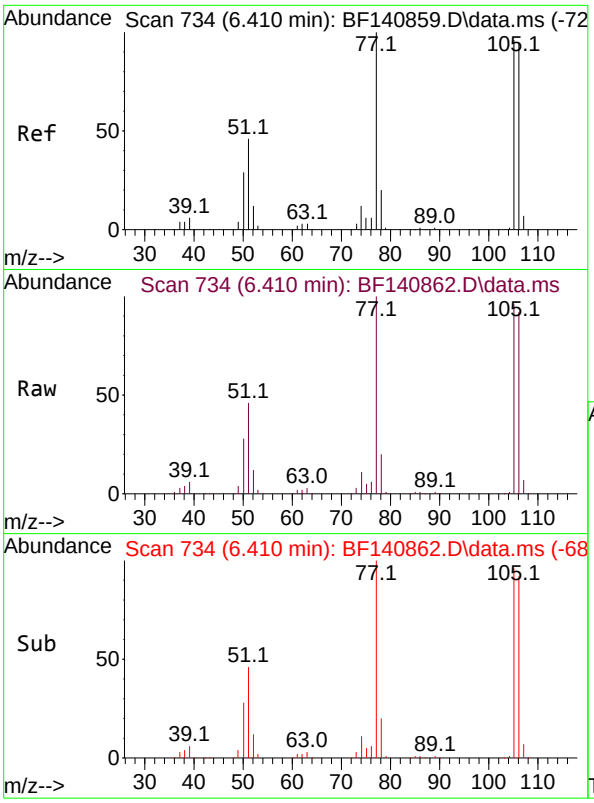


#8
2-Chlorophenol
Concen: 74.245 ng
RT: 6.651 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:128 Resp: 406710

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	45.1	24.3	64.3



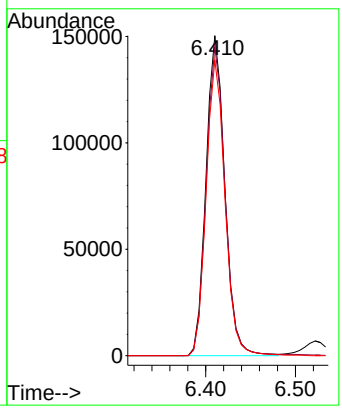


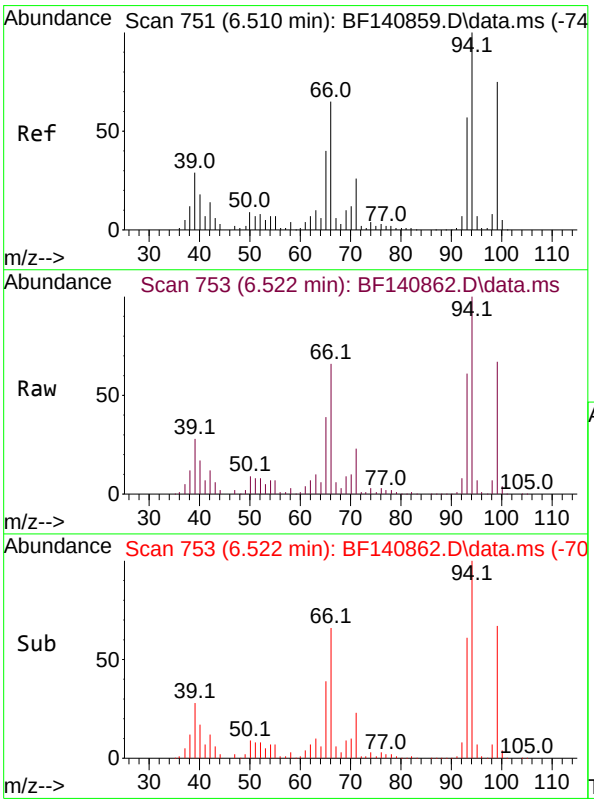
#9
Benzaldehyde
Concen: 59.528 ng
RT: 6.410 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 219459

Ion	Ratio	Lower	Upper
77	100		
105	96.5	75.8	115.8
106	92.3	74.1	114.1

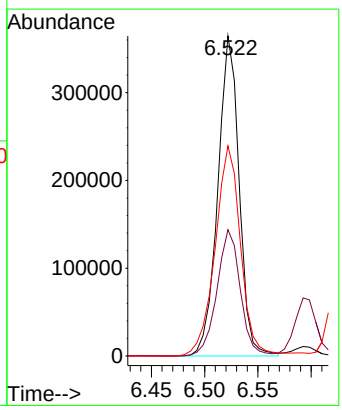


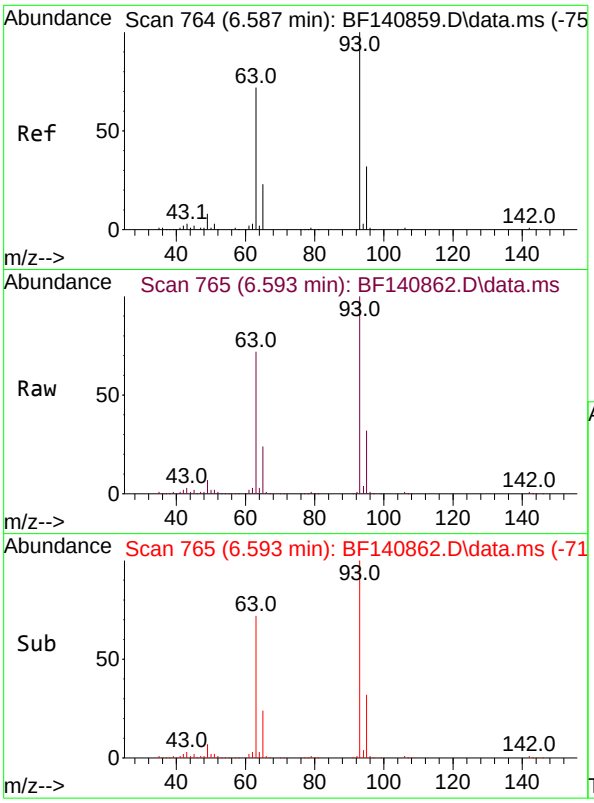


#10
Phenol
Concen: 73.564 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 94 Resp: 507289

Ion	Ratio	Lower	Upper
94	100		
65	39.4	19.9	59.9
66	65.6	45.6	85.6



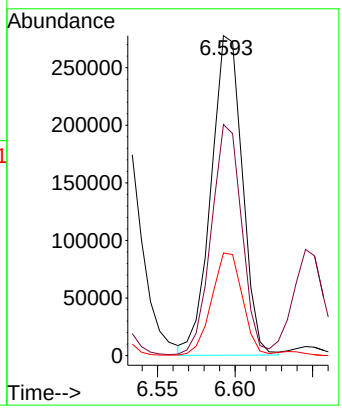


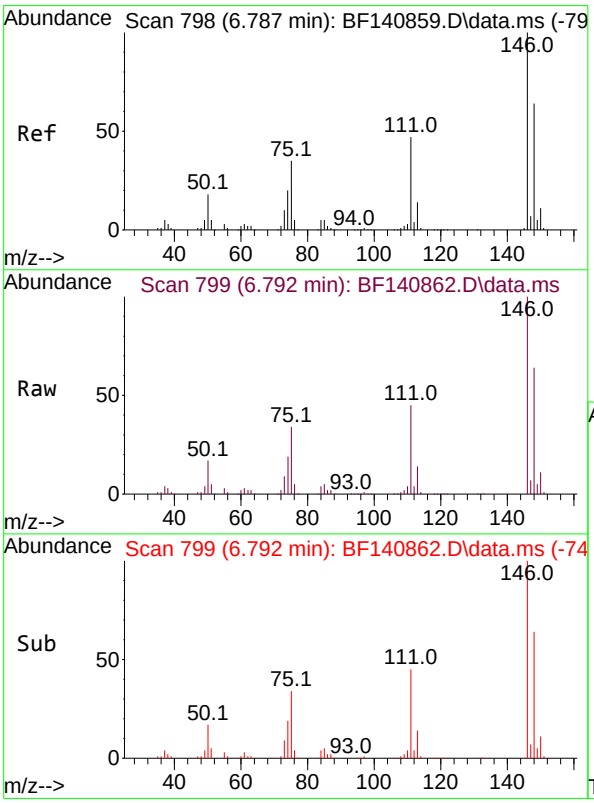
#11
bis(2-Chloroethyl)ether
Concen: 75.649 ng
RT: 6.593 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 389038

Ion	Ratio	Lower	Upper
93	100		
63	72.3	51.0	91.0
95	32.1	12.0	52.0

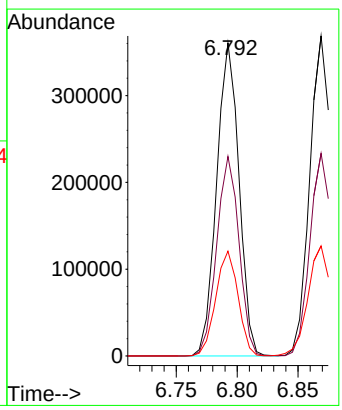


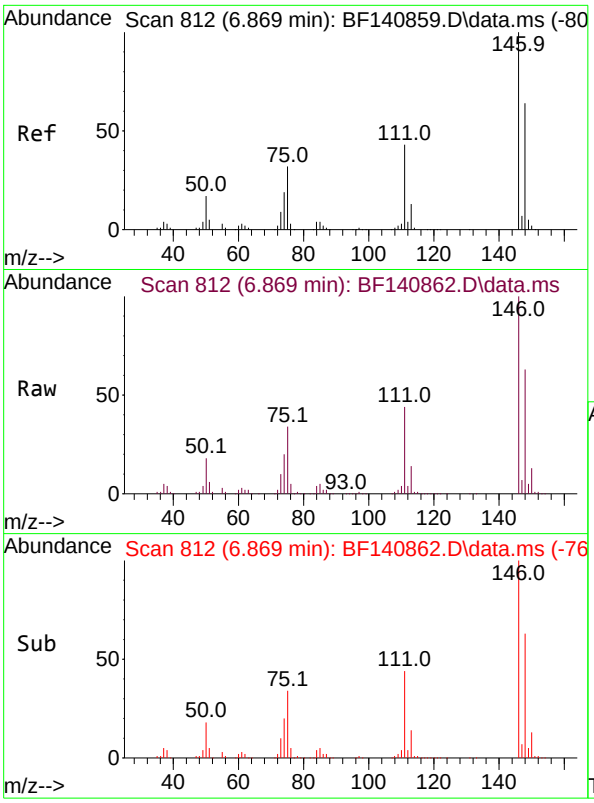


#12
1,3-Dichlorobenzene
Concen: 73.871 ng
RT: 6.792 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:146 Resp: 461108

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
75	33.5	28.1	42.1



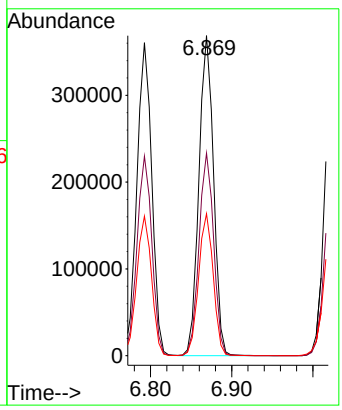


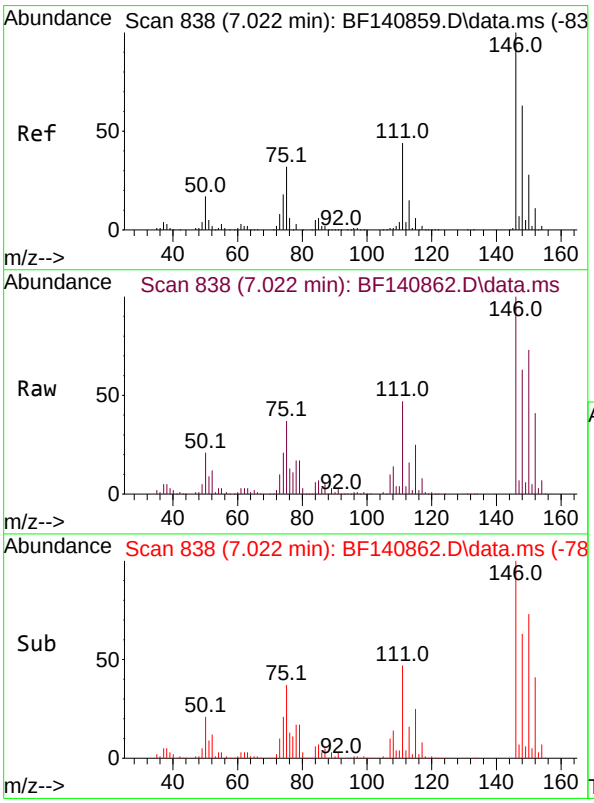
#13
1,4-Dichlorobenzene
Concen: 72.952 ng
RT: 6.869 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 462233

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.3	76.9
111	44.3	34.4	51.6

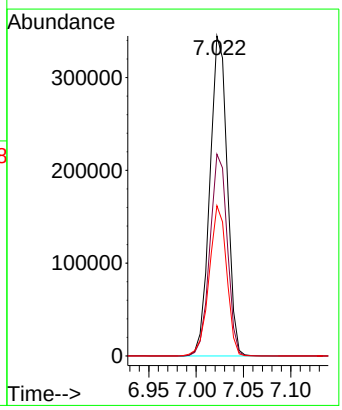


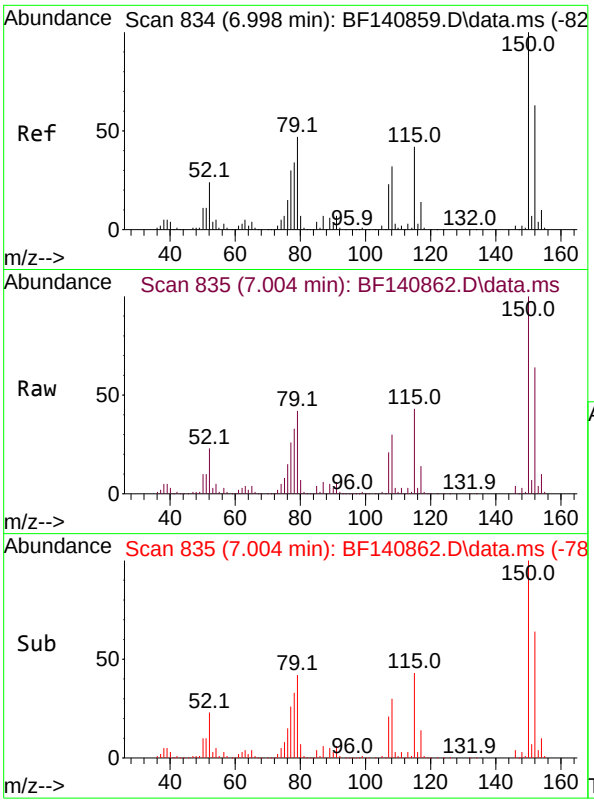


#14
1,2-Dichlorobenzene
Concen: 73.129 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:146 Resp: 437177

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.0	75.0
111	46.9	35.6	53.4



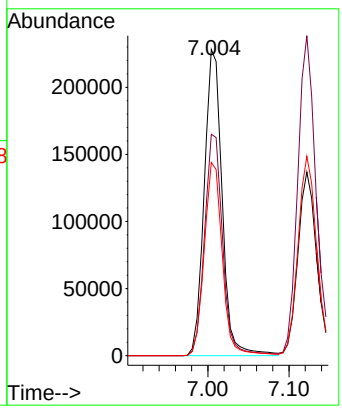


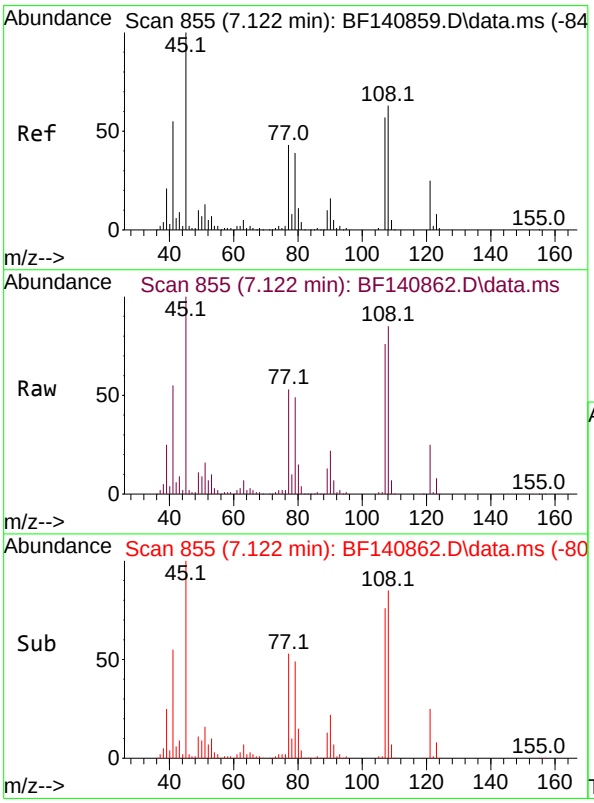
#15
Benzyl Alcohol
Concen: 73.442 ng
RT: 7.004 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 349382

Ion	Ratio	Lower	Upper
79	100		
108	72.3	55.1	82.7
77	63.1	50.6	76.0

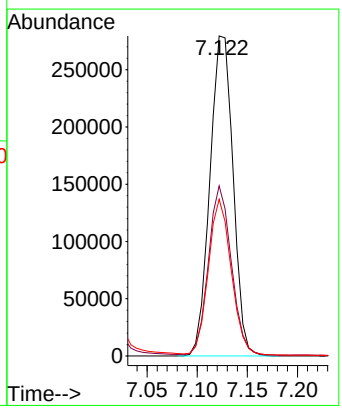


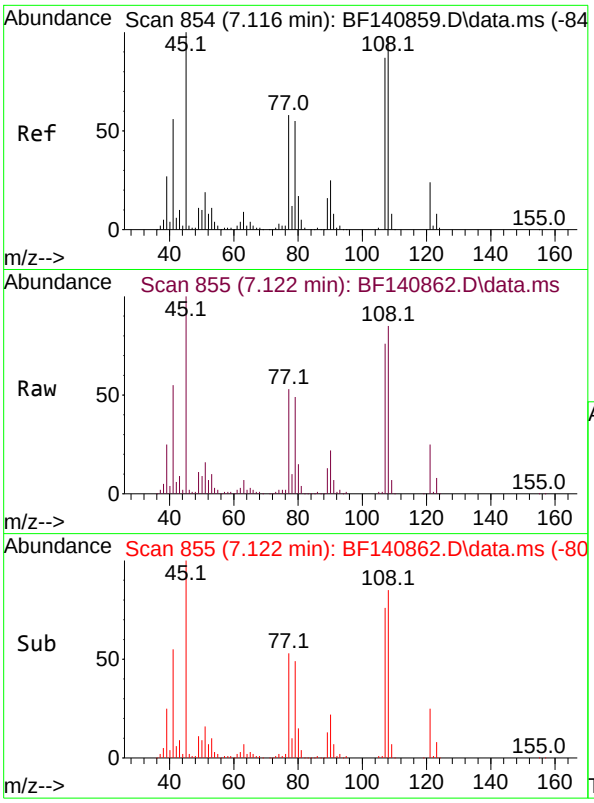


#16
2,2'-oxybis(1-Chloropropane)
Concen: 74.228 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 45 Resp: 449685

Ion	Ratio	Lower	Upper
45	100		
77	53.1	23.3	63.3
79	49.0	20.0	60.0



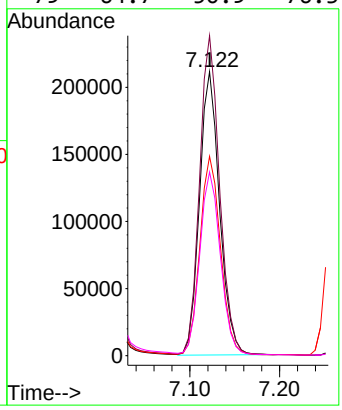


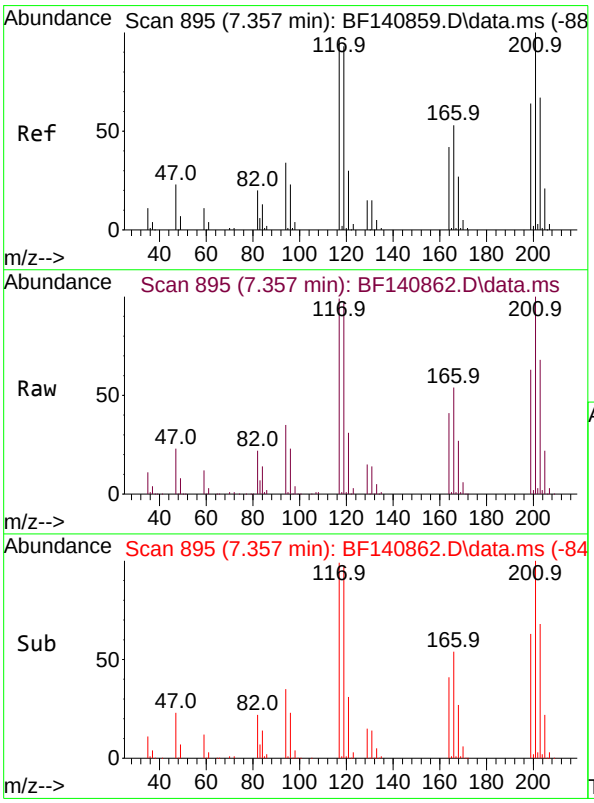
#17
2-Methylphenol
Concen: 75.095 ng
RT: 7.122 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 328432

Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.4
77	70.2	53.8	80.6
79	64.7	50.9	76.3

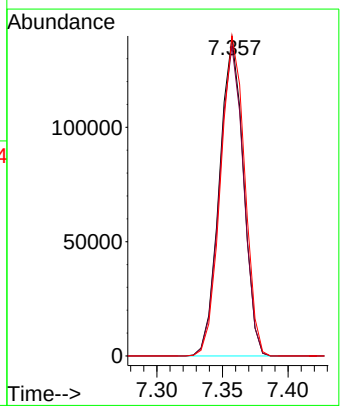


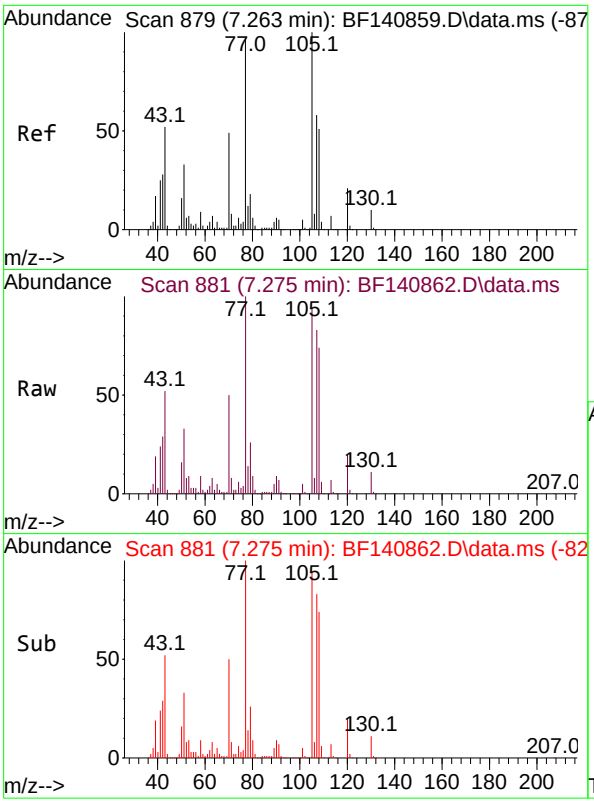


#18
Hexachloroethane
Concen: 75.005 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:117 Resp: 176920

Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	100.5	83.4	125.0



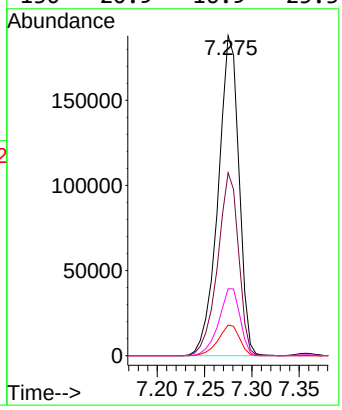


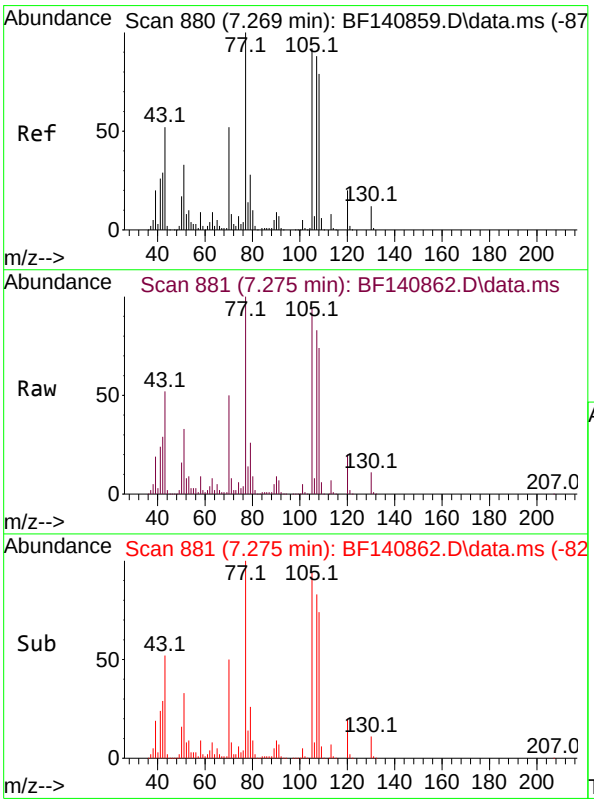
#19
n-Nitroso-di-n-propylamine
Concen: 72.349 ng
RT: 7.275 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 288752

Ion	Ratio	Lower	Upper
70	100		
42	57.2	45.3	67.9
101	9.6	8.0	12.0
130	20.9	16.9	25.3

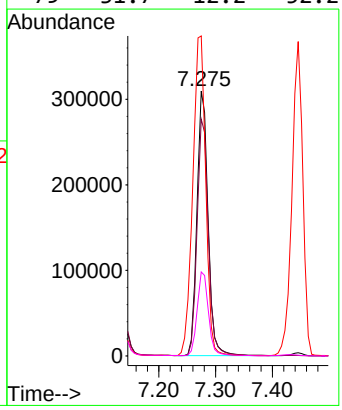


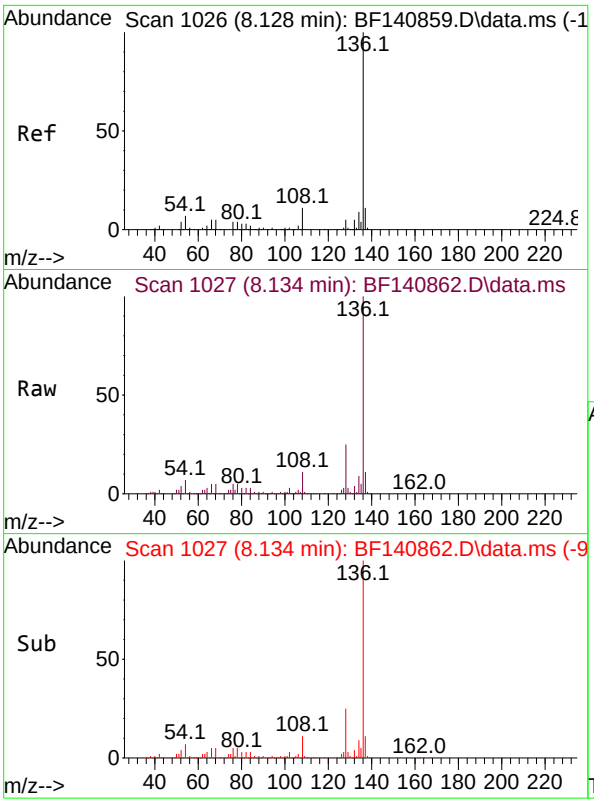


#20
3+4-Methylphenols
Concen: 72.622 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:107 Resp: 421165

Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.1	110.1
77	120.8	94.4	134.4
79	31.7	12.2	52.2



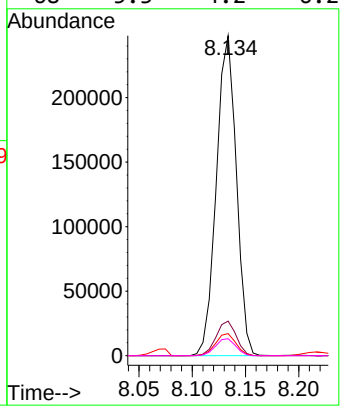


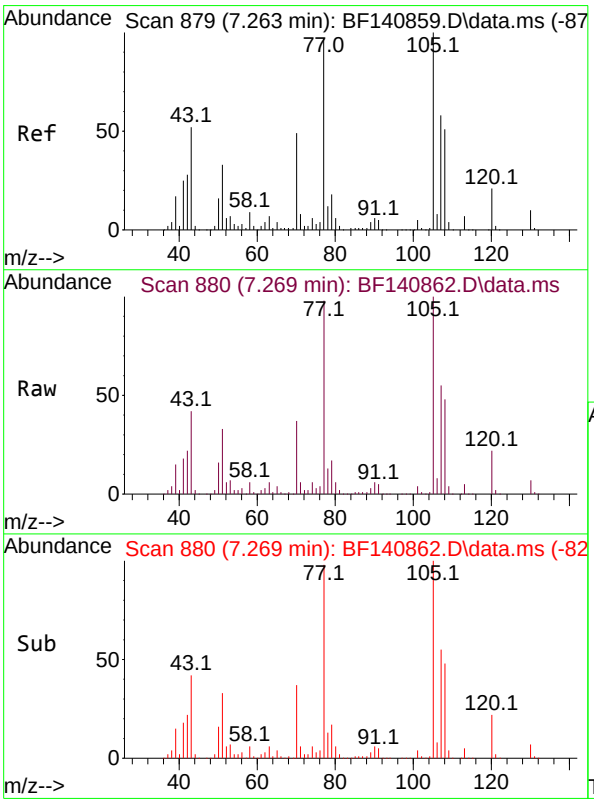
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 323165

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.9	5.6	8.4
68	5.3	4.2	6.2

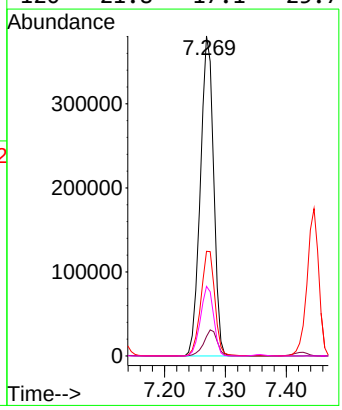


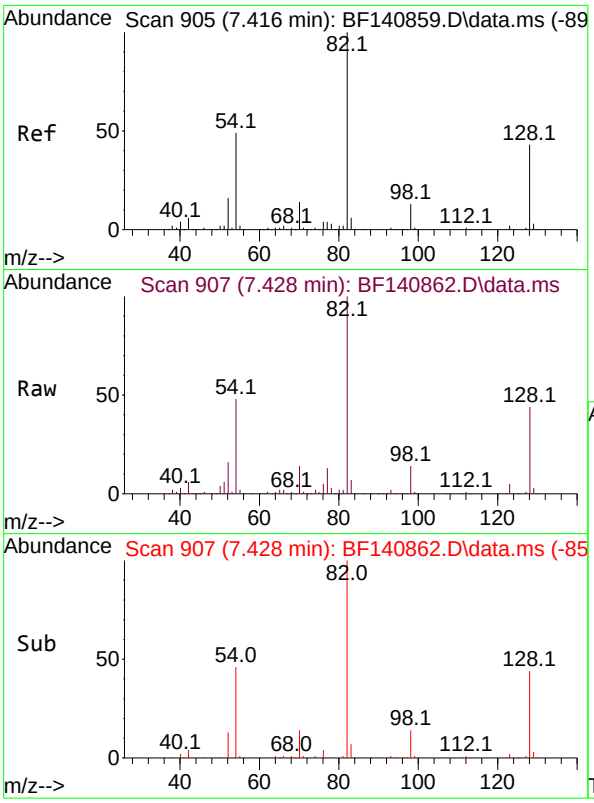


#22
Acetophenone
Concen: 71.295 ng
RT: 7.269 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:105 Resp: 576358

Ion	Ratio	Lower	Upper
105	100		
71	6.1	6.2	9.4#
51	32.7	26.3	39.5
120	21.8	17.1	25.7



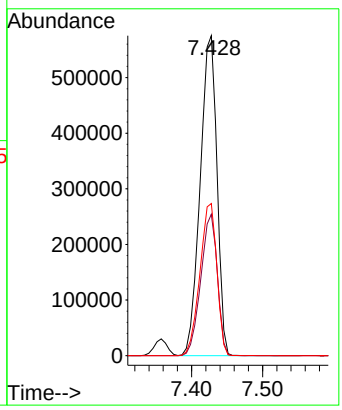


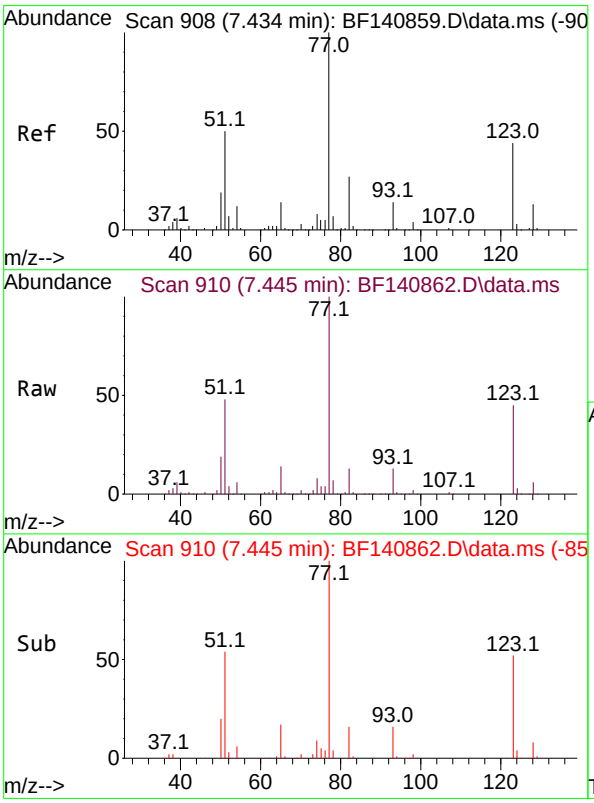
#23
Nitrobenzene-d5
Concen: 146.623 ng
RT: 7.428 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 947083

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.4	51.6
54	47.6	38.8	58.2

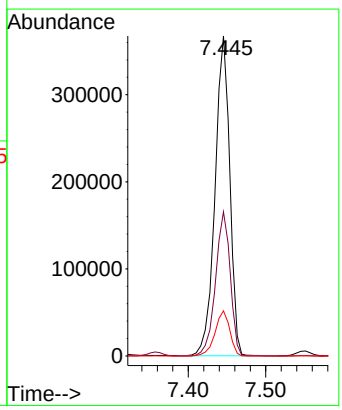


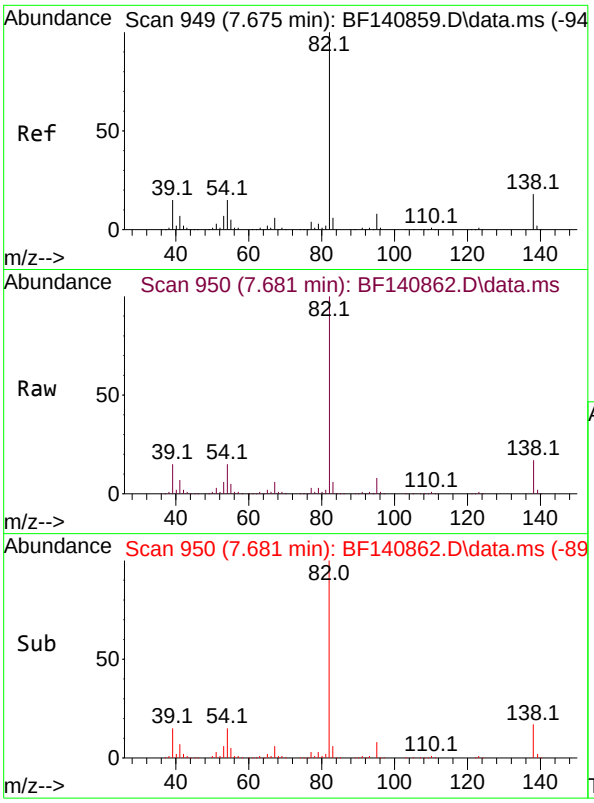


#24
Nitrobenzene
Concen: 73.246 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 77 Resp: 484693

Ion	Ratio	Lower	Upper
77	100		
123	45.1	35.0	52.4
65	14.1	11.4	17.0



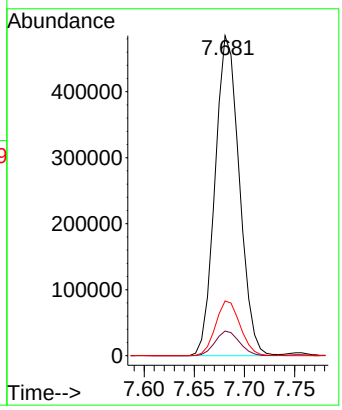


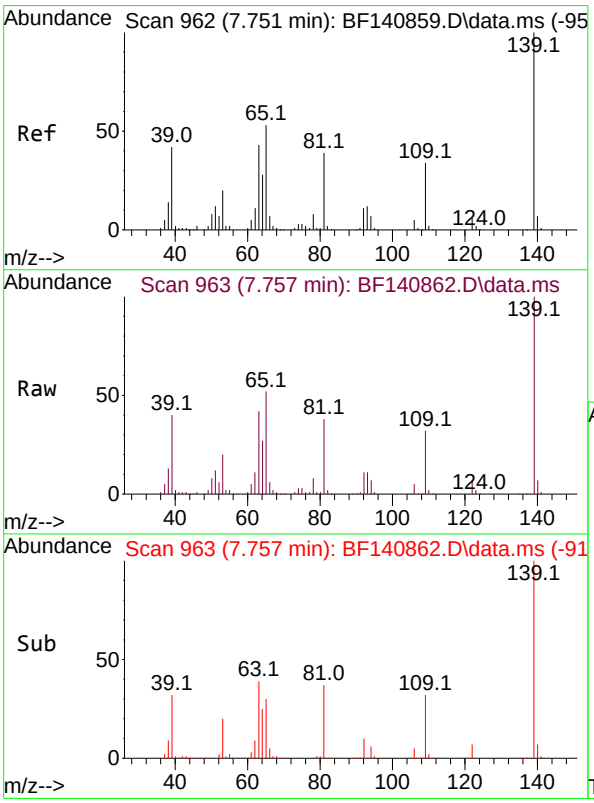
#25
Isophorone
Concen: 75.310 ng
RT: 7.681 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 815074

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.3	9.5
138	17.1	14.1	21.1

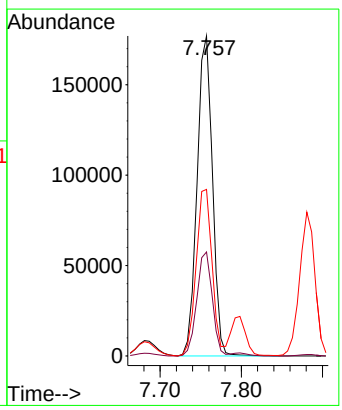


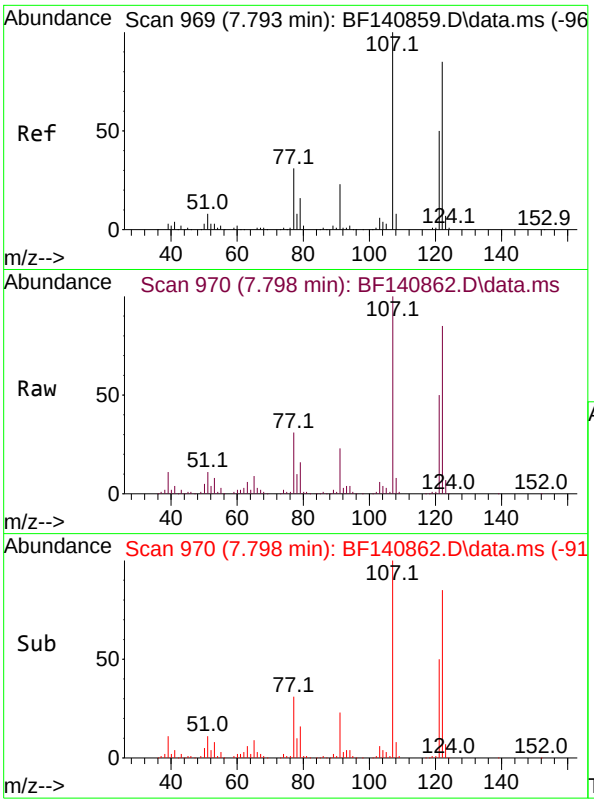


#26
2-Nitrophenol
Concen: 76.426 ng
RT: 7.757 min Scan# 963
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:139 Resp: 232926

Ion	Ratio	Lower	Upper
139	100		
109	32.5	26.9	40.3
65	52.1	42.6	64.0



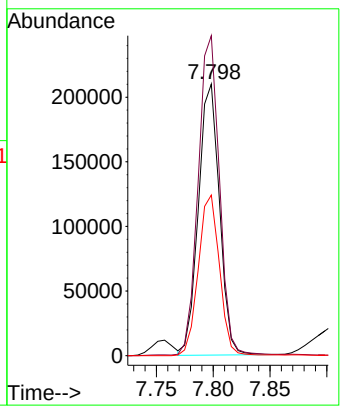


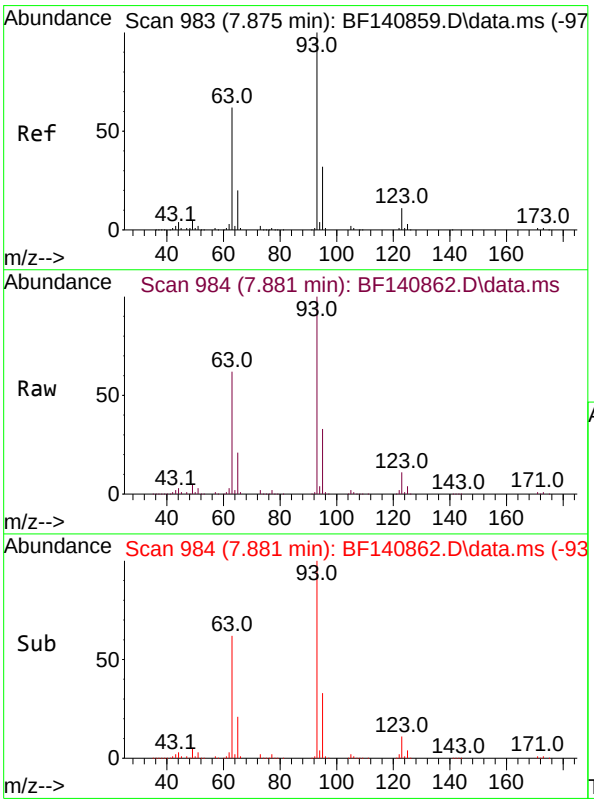
#27
2,4-Dimethylphenol
Concen: 76.101 ng
RT: 7.798 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 270864

Ion	Ratio	Lower	Upper
122	100		
107	117.8	92.6	139.0
121	59.1	45.8	68.8

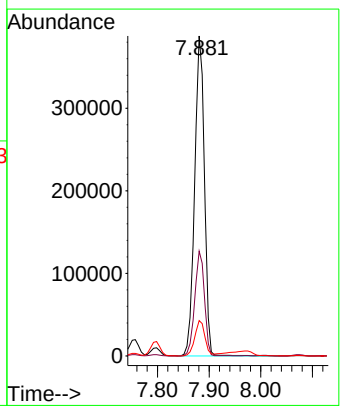


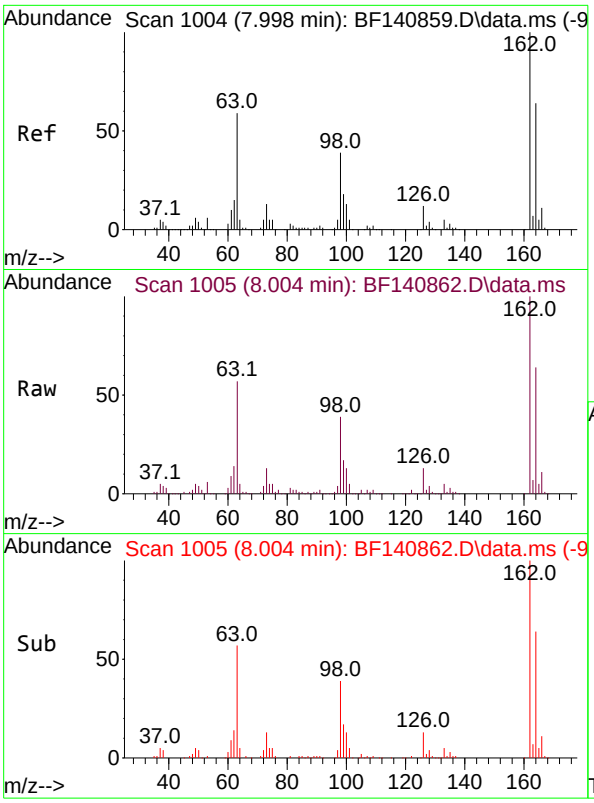


#28
bis(2-Chloroethoxy)methane
Concen: 75.263 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 93 Resp: 508754

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.3	37.9
123	11.1	8.6	13.0



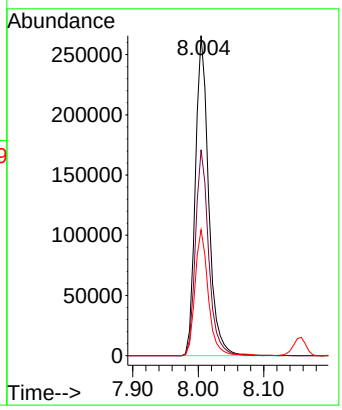


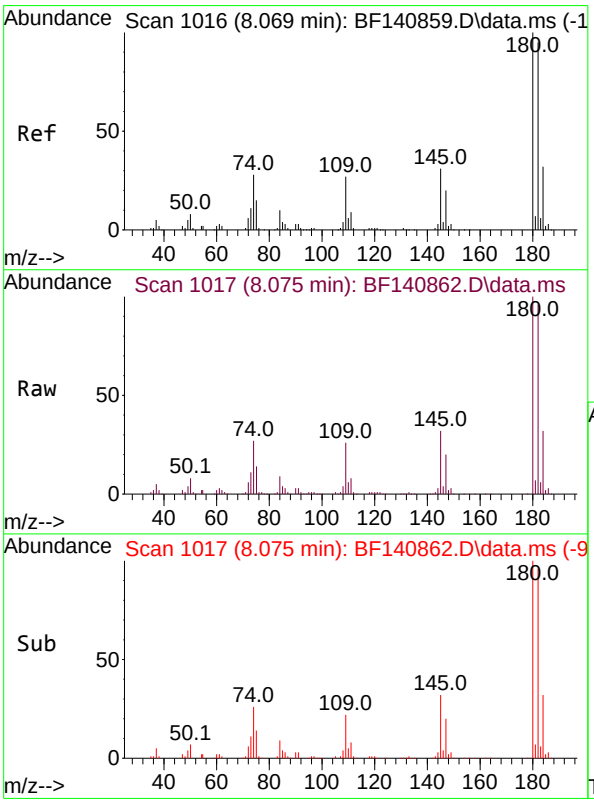
#29
2,4-Dichlorophenol
Concen: 76.199 ng
RT: 8.004 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 374434

Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.7	83.7
98	39.4	18.6	58.6

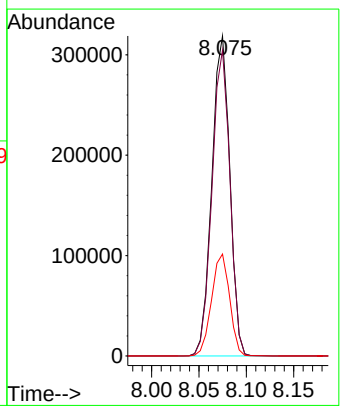


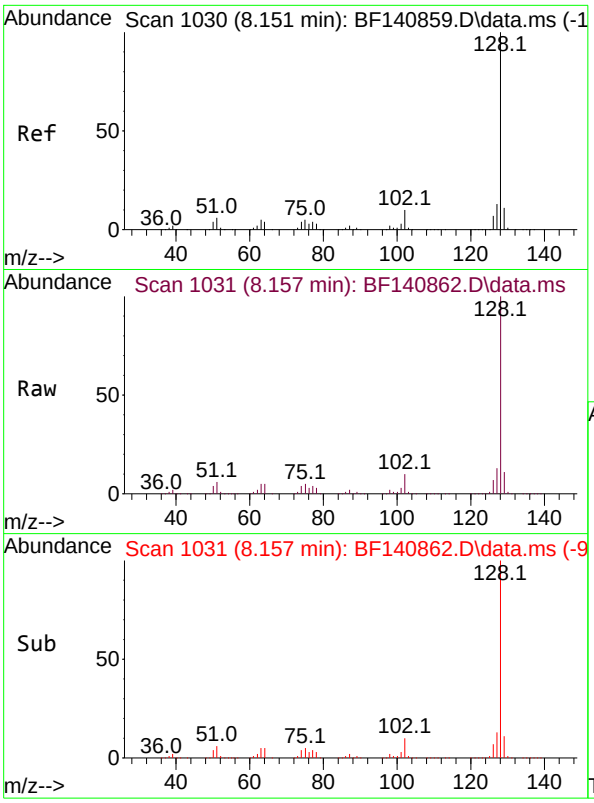


#30
1,2,4-Trichlorobenzene
Concen: 74.635 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:180 Resp: 420429

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	31.9	25.2	37.8



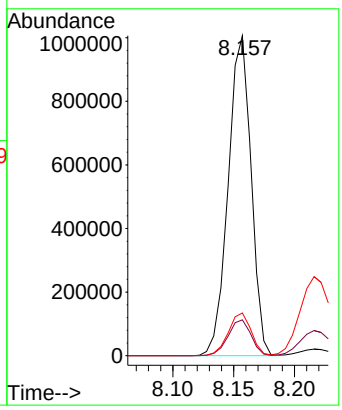


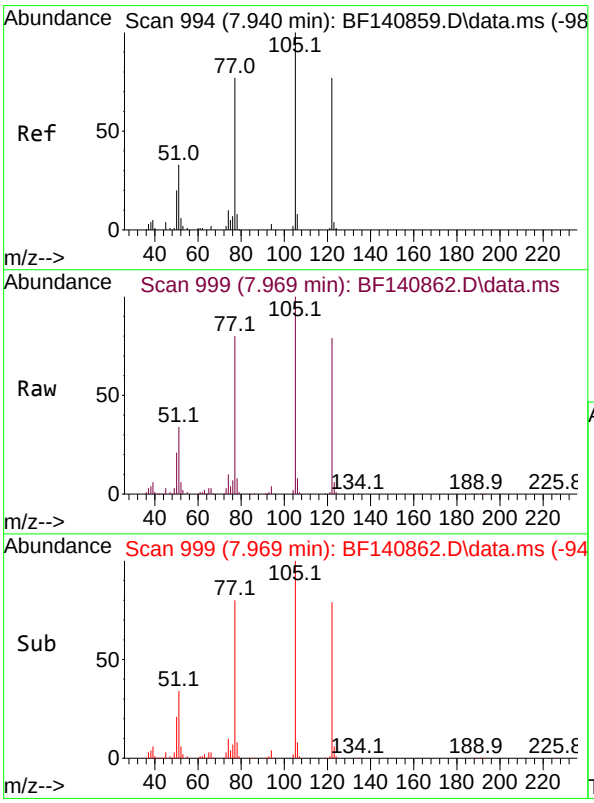
#31
Naphthalene
Concen: 74.301 ng
RT: 8.157 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 1318982

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.3	10.6	16.0

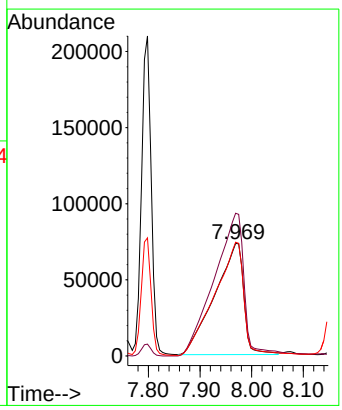


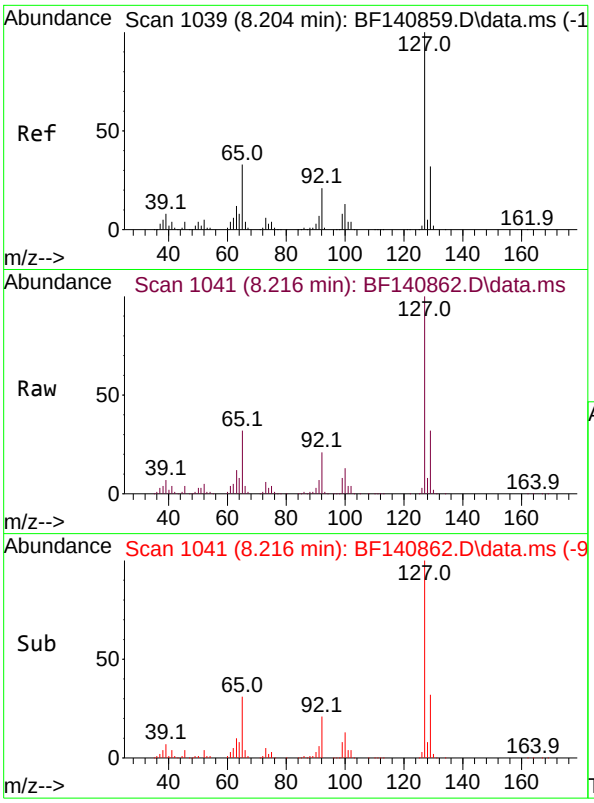


#32
Benzoic acid
Concen: 84.342 ng
RT: 7.969 min Scan# 999
Delta R.T. 0.029 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:122 Resp: 284705

Ion	Ratio	Lower	Upper
122	100		
105	126.9	108.3	148.3
77	101.2	78.8	118.8



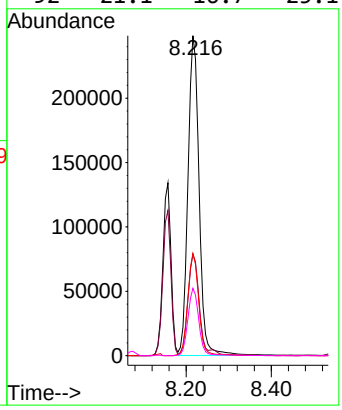


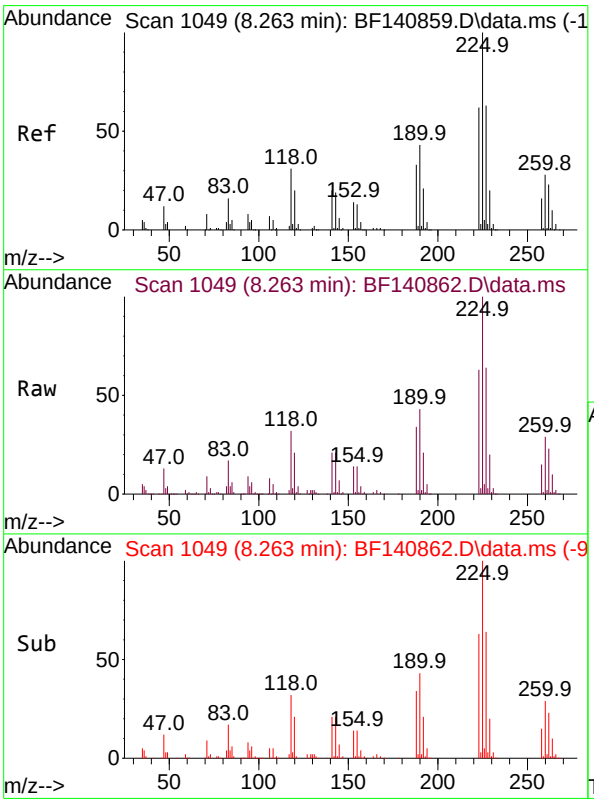
#33
4-Chloroaniline
Concen: 76.586 ng
RT: 8.216 min Scan# 1(
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 451539

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.0	39.0
65	31.9	26.0	39.0
92	21.1	16.7	25.1

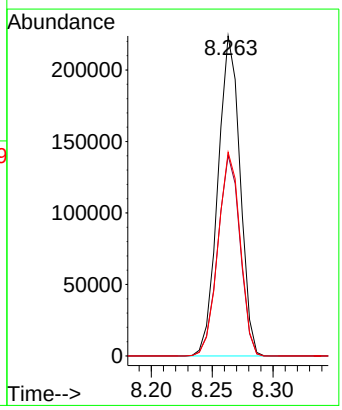


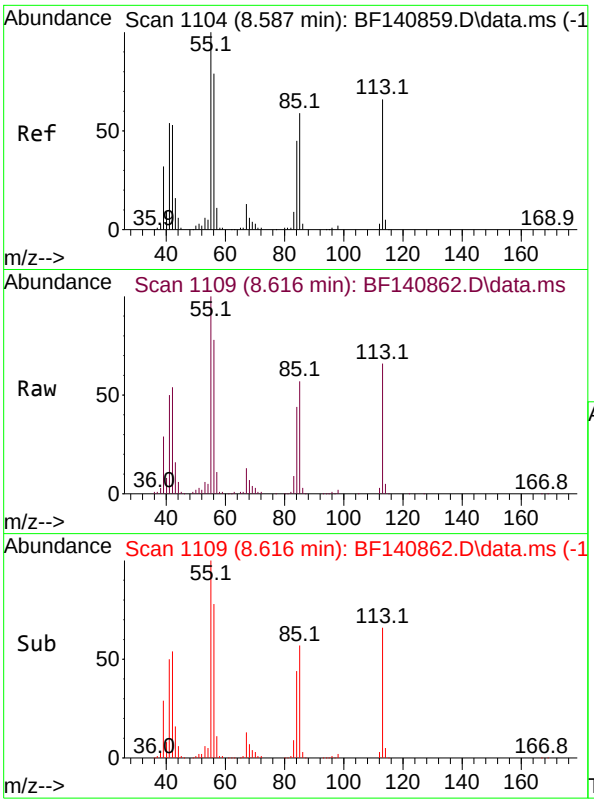


#34
Hexachlorobutadiene
Concen: 74.615 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:225 Resp: 282790

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.6	74.4
227	63.7	50.7	76.1



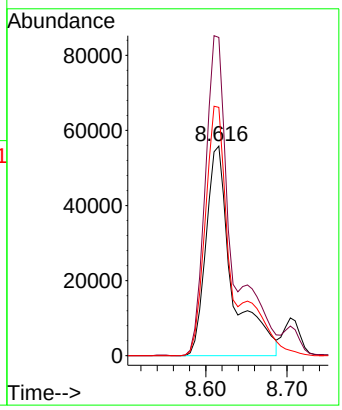


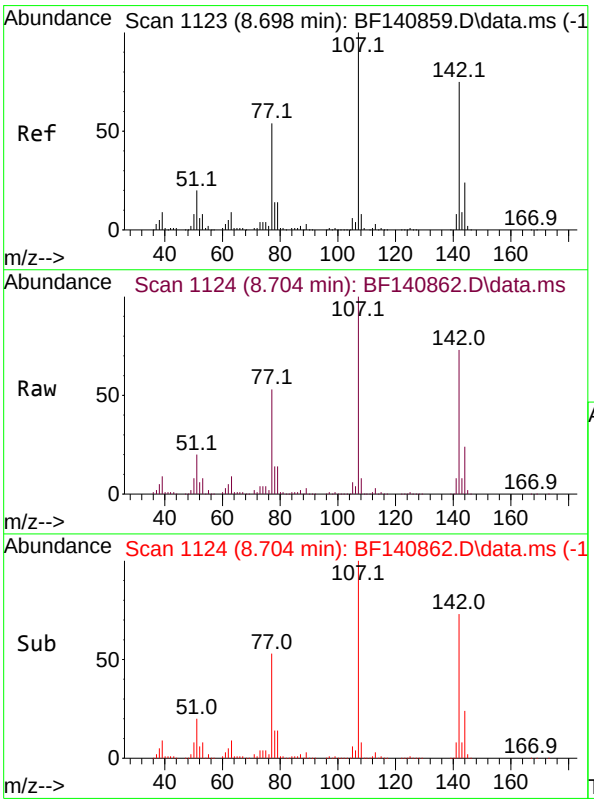
#35
Caprolactam
Concen: 85.813 ng m
RT: 8.616 min Scan# 1
Delta R.T. 0.029 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 125537

Ion	Ratio	Lower	Upper
113	100		
55	151.8	132.3	172.3
56	118.4	100.3	140.3

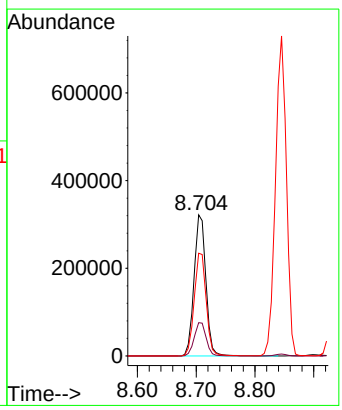


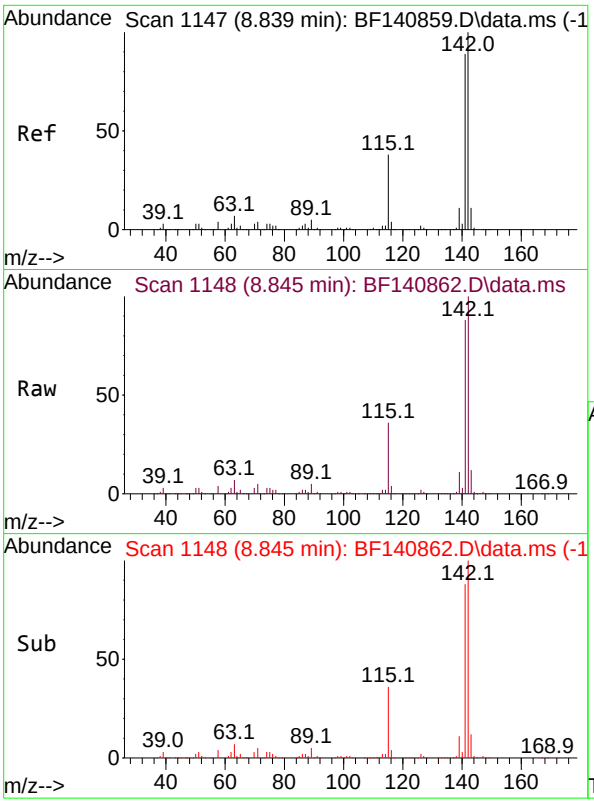


#36
4-Chloro-3-methylphenol
Concen: 81.301 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:107 Resp: 449654

Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.4	29.2
142	72.8	60.3	90.5



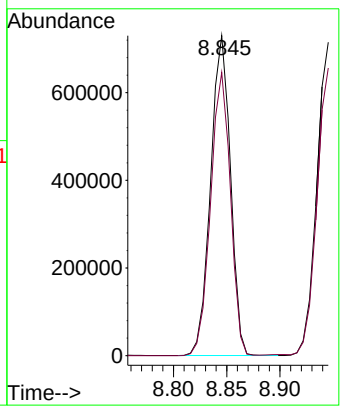


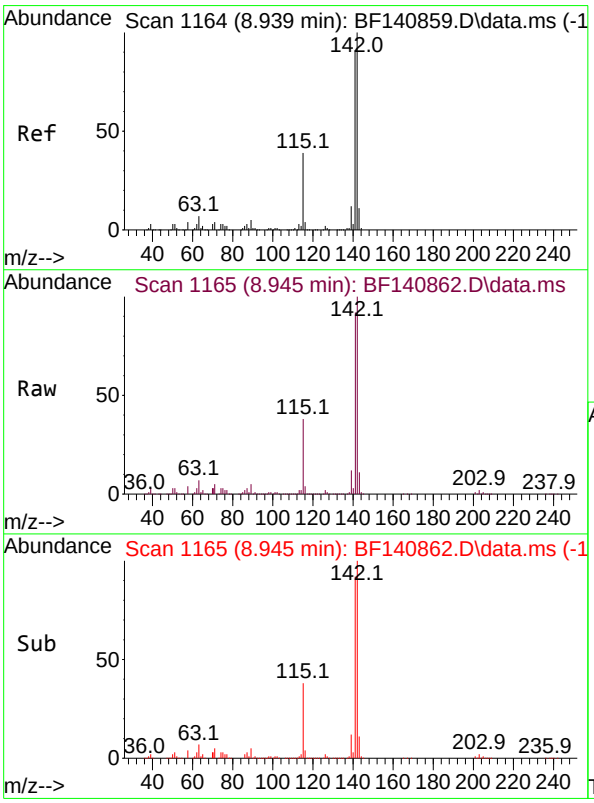
#37
2-Methylnaphthalene
Concen: 80.295 ng
RT: 8.845 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 942892

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6

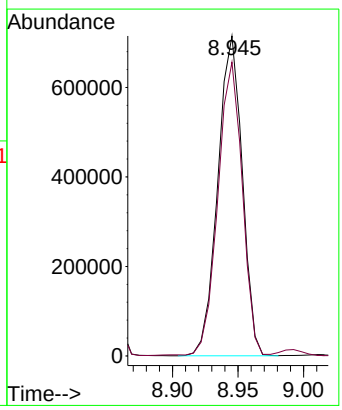


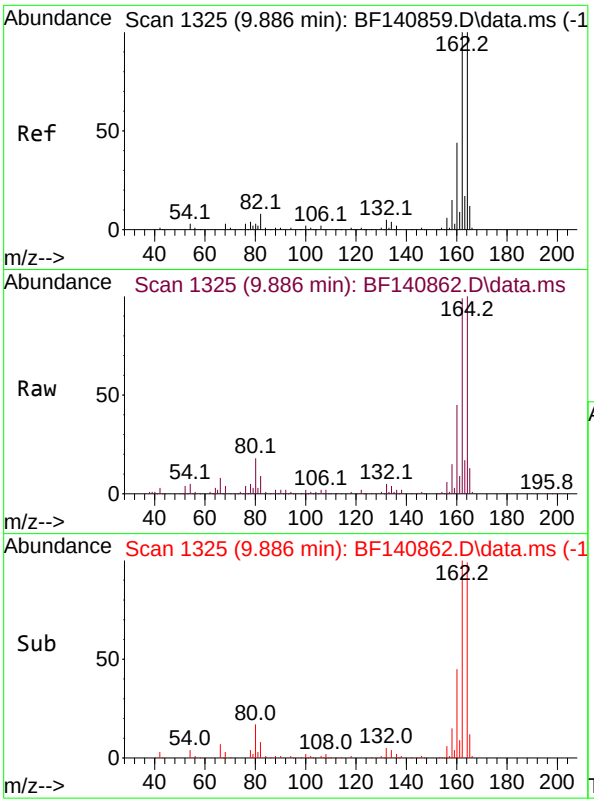


#38
1-Methylnaphthalene
Concen: 79.695 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:142 Resp: 925535

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.0



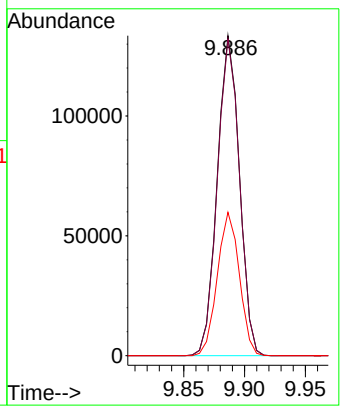


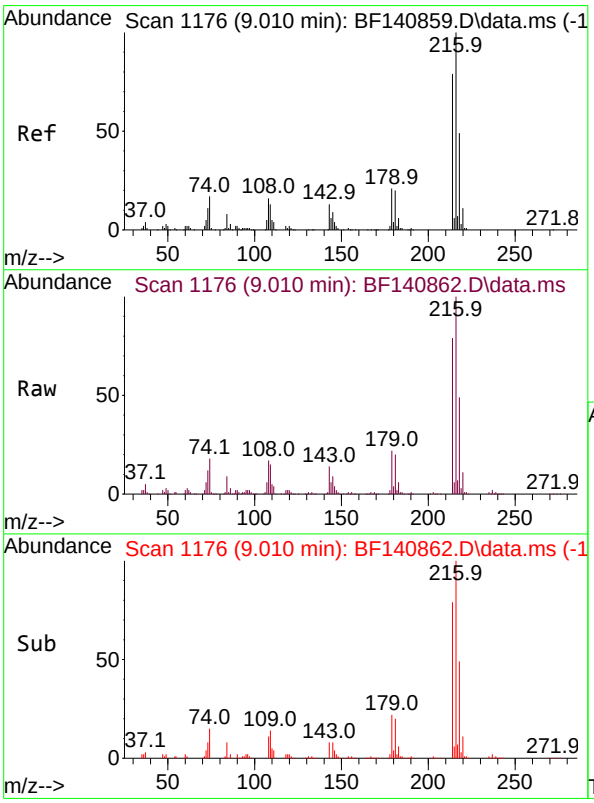
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 169321

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.9	119.9
160	44.8	35.2	52.8

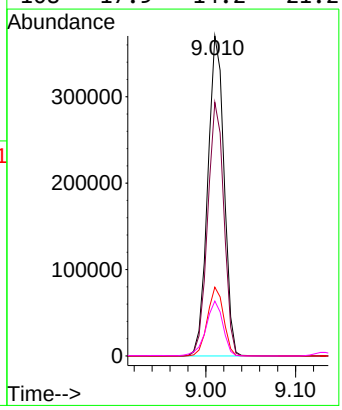


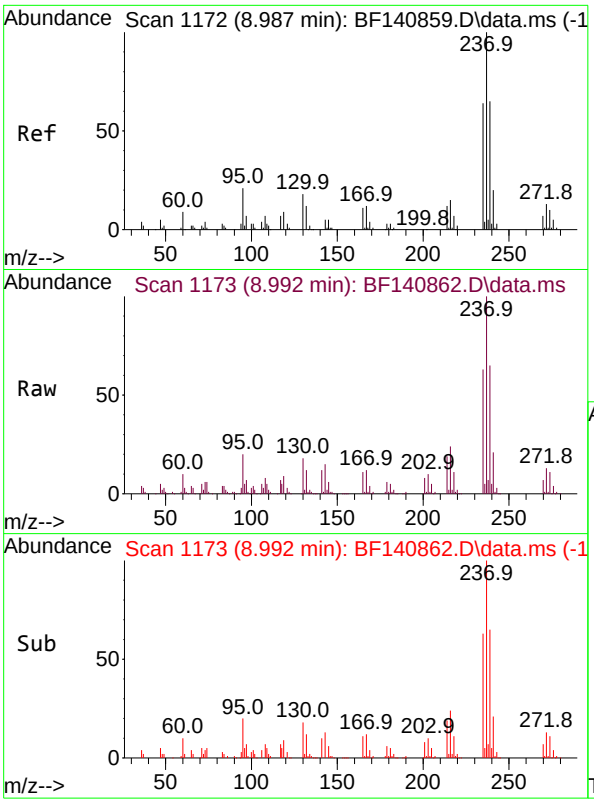


#40
1,2,4,5-Tetrachlorobenzene
Concen: 89.625 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:216 Resp: 466438

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.6	95.4
179	21.3	17.0	25.4
108	17.9	14.2	21.2



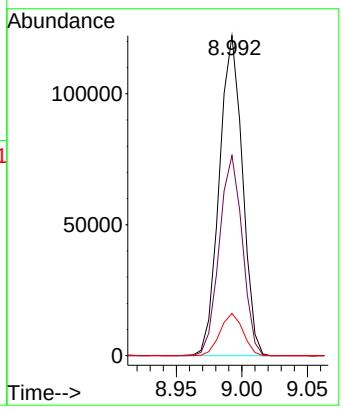


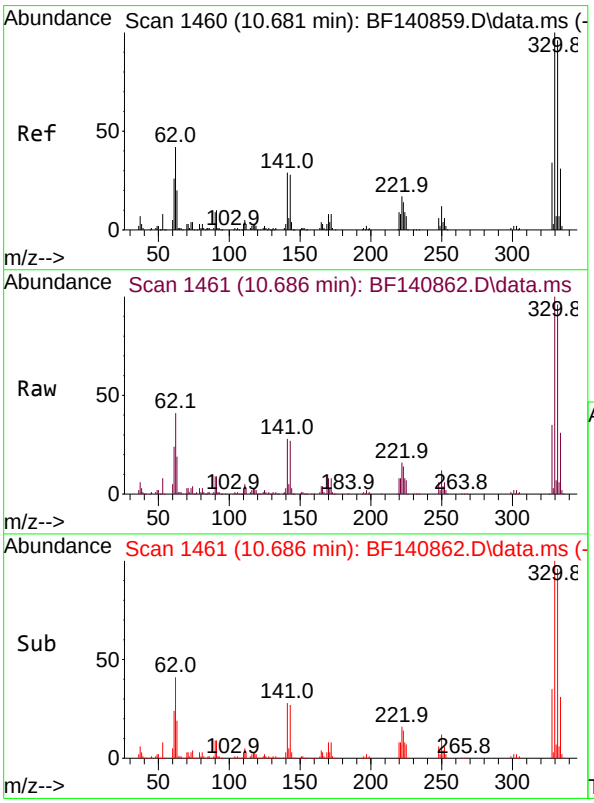
#41
Hexachlorocyclopentadiene
Concen: 80.025 ng
RT: 8.992 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 149909

Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.7	83.7
272	13.2	0.0	32.9

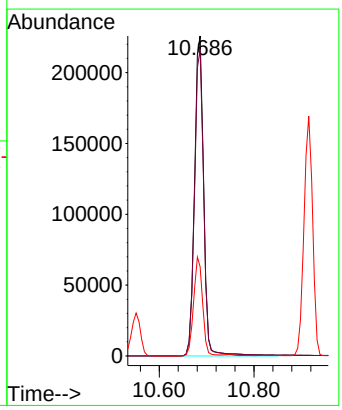


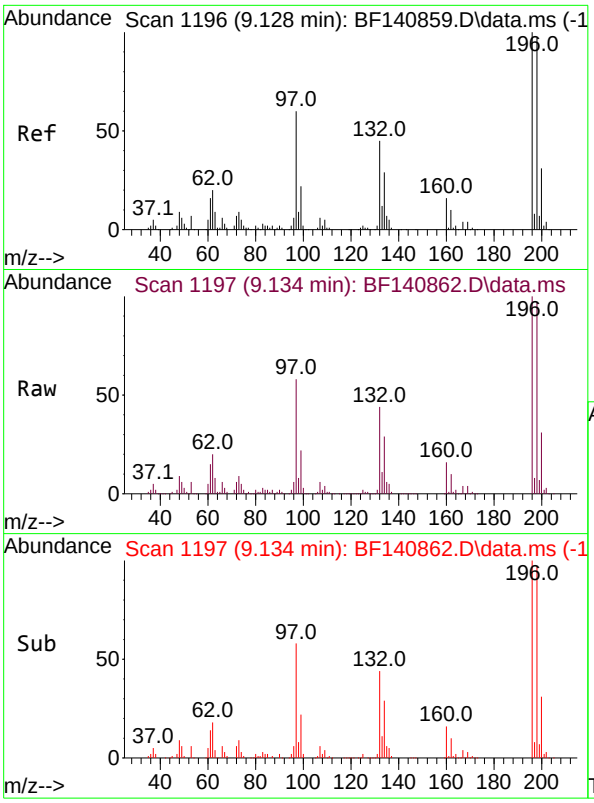


#42
2,4,6-Tribromophenol
Concen: 152.164 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:330 Resp: 304721

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	30.2	24.9	37.3



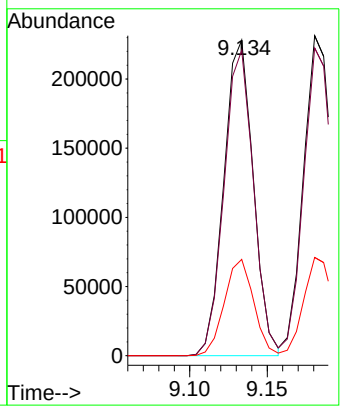


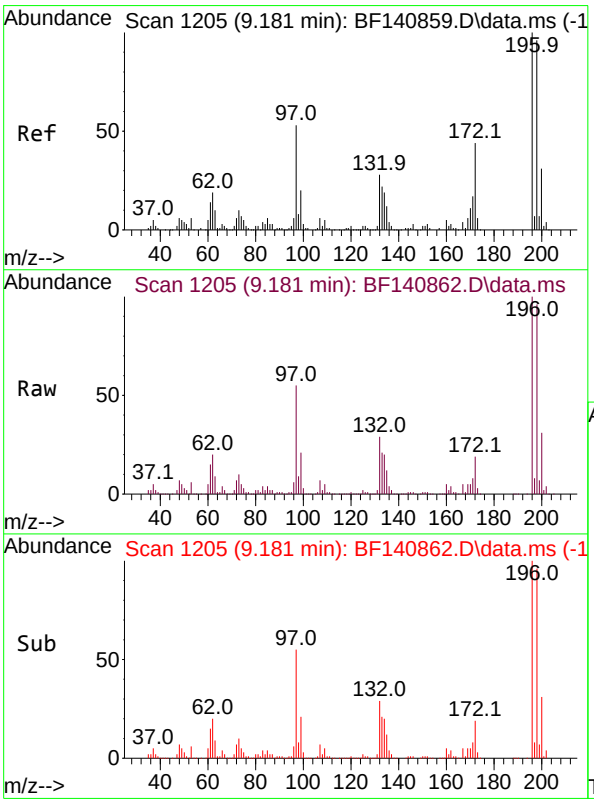
#43
2,4,6-Trichlorophenol
Concen: 94.714 ng
RT: 9.134 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 301828

Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.4	116.0
200	30.5	24.5	36.7

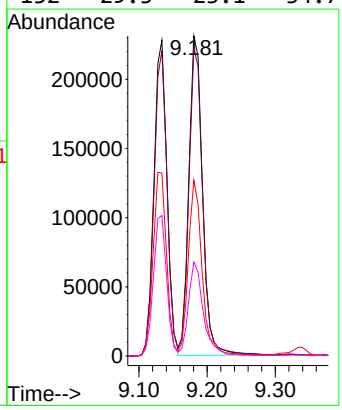


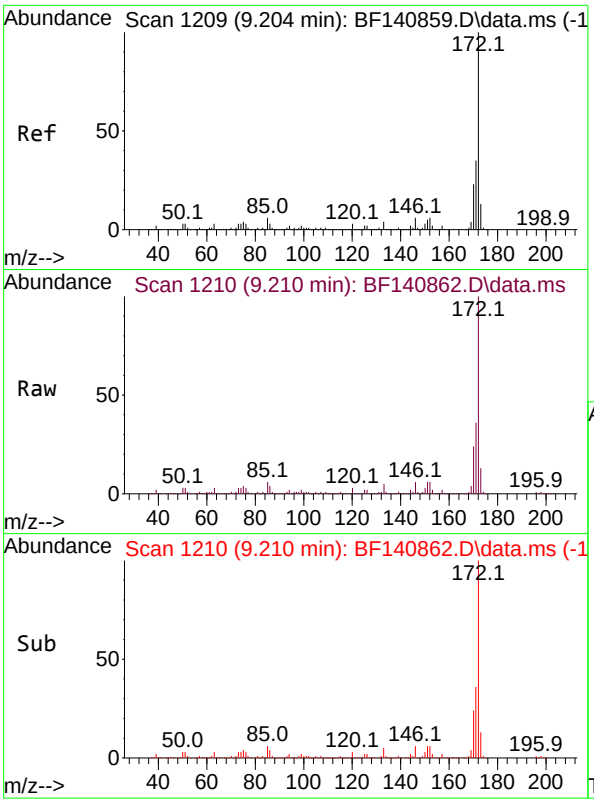


#44
2,4,5-Trichlorophenol
Concen: 91.760 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:196 Resp: 321402

Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.2	115.8
97	54.9	42.2	63.4
132	29.3	23.1	34.7



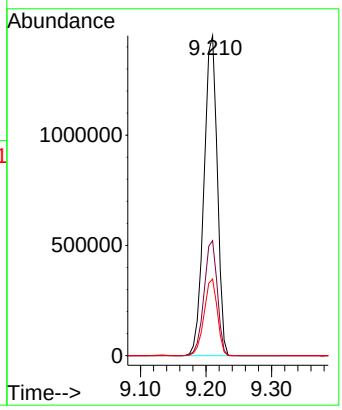


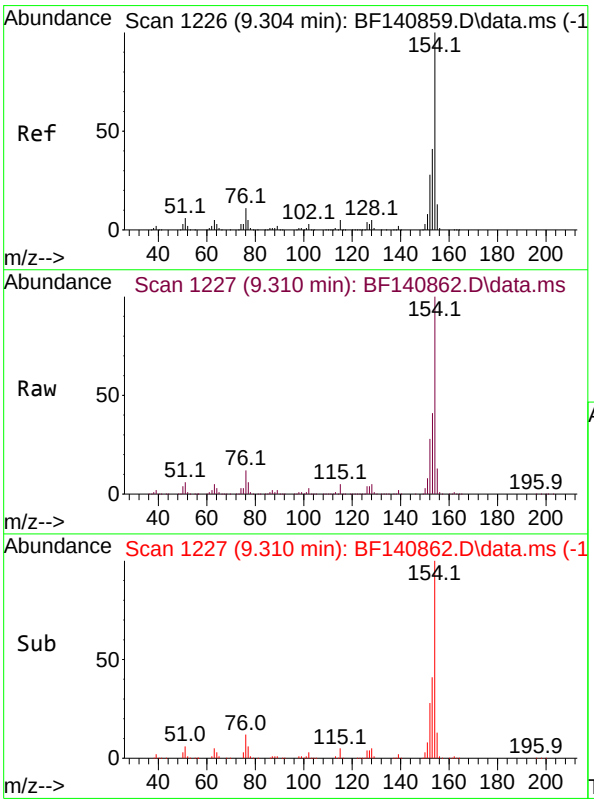
#45
2-Fluorobiphenyl
Concen: 166.807 ng
RT: 9.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 2054327

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.4	42.6
170	24.0	18.6	28.0

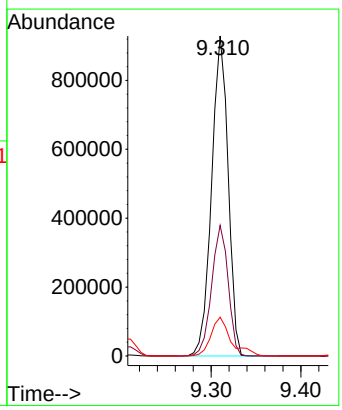


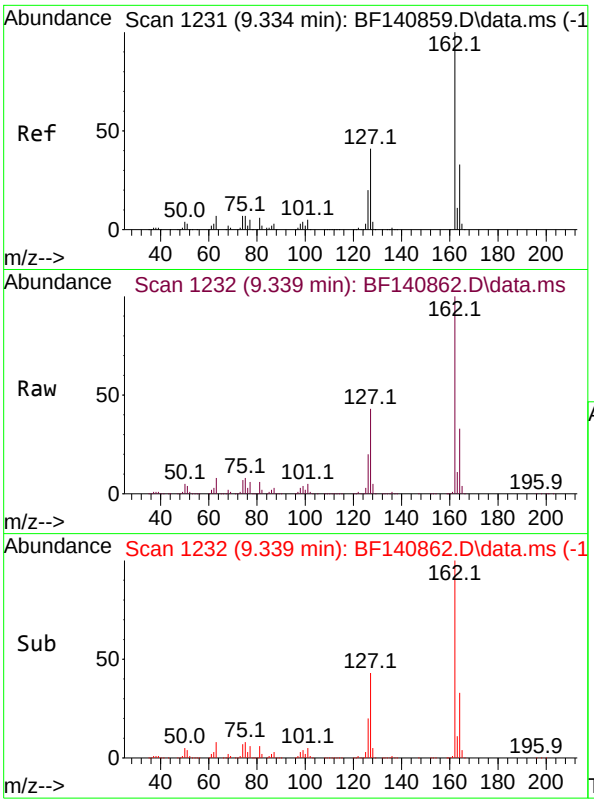


#46
1,1'-Biphenyl
Concen: 88.155 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:154 Resp: 1186930

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	12.1	0.0	31.0



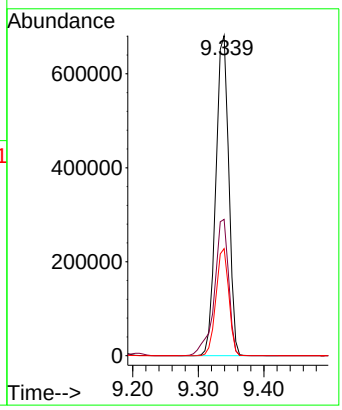


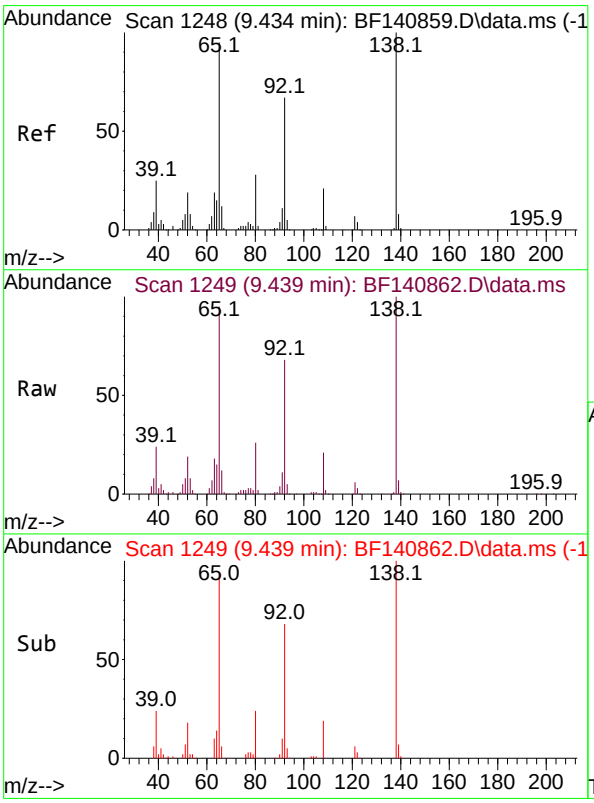
#47
2-Chloronaphthalene
Concen: 90.075 ng
RT: 9.339 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 927799

Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.5	50.3
164	33.4	26.2	39.2

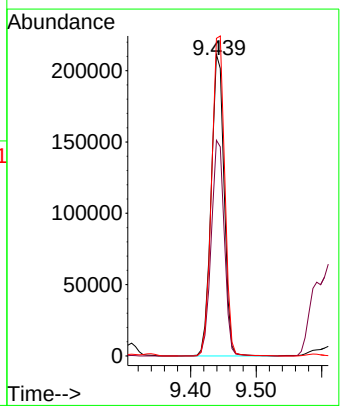


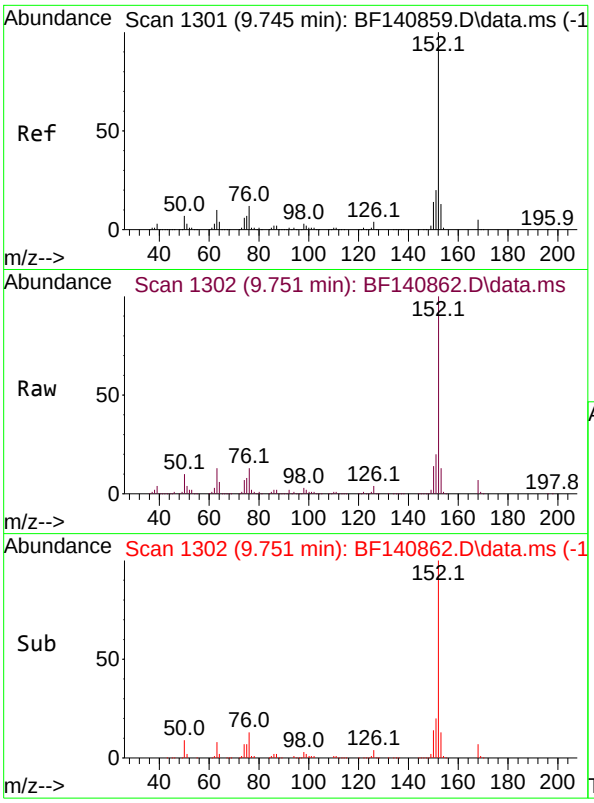


#48
2-Nitroaniline
Concen: 93.162 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 65 Resp: 289810

Ion	Ratio	Lower	Upper
65	100		
92	71.5	56.3	84.5
138	105.3	83.8	125.6



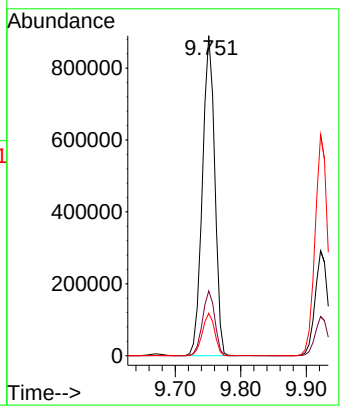


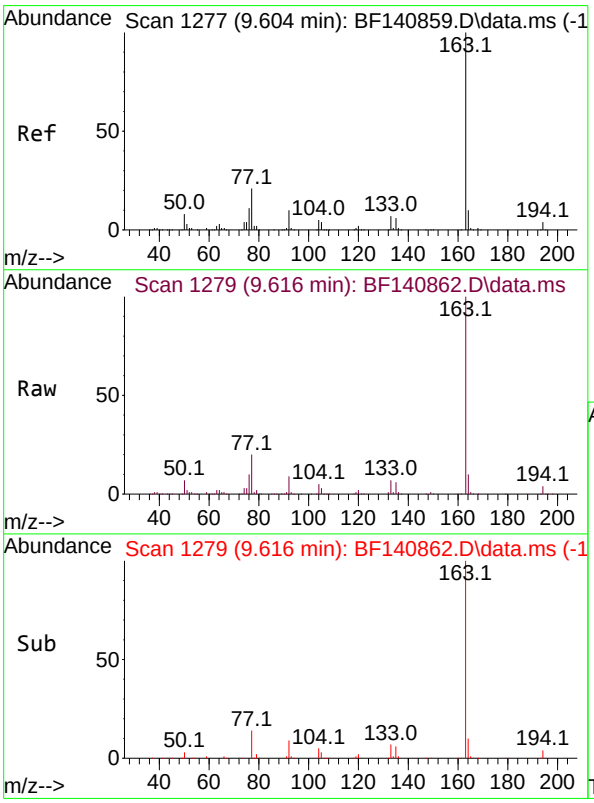
#49
Acenaphthylene
Concen: 77.278 ng
RT: 9.751 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 1169747

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.3	10.6	16.0

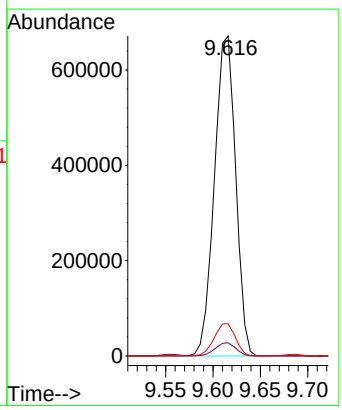


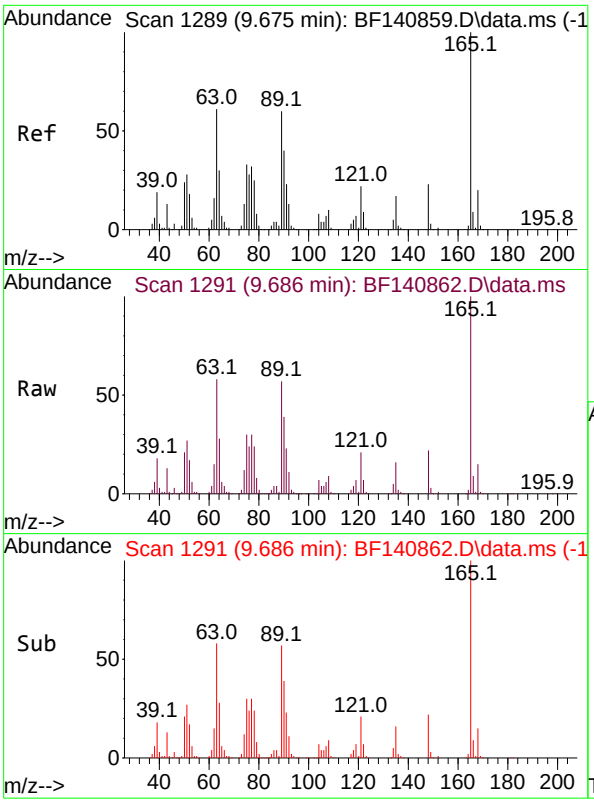


#50
Dimethylphthalate
Concen: 87.890 ng
RT: 9.616 min Scan# 1279
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:163 Resp: 1049196

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.1	8.1	12.1



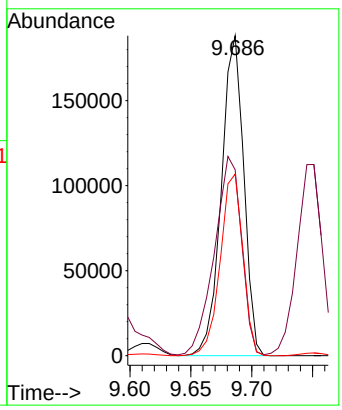


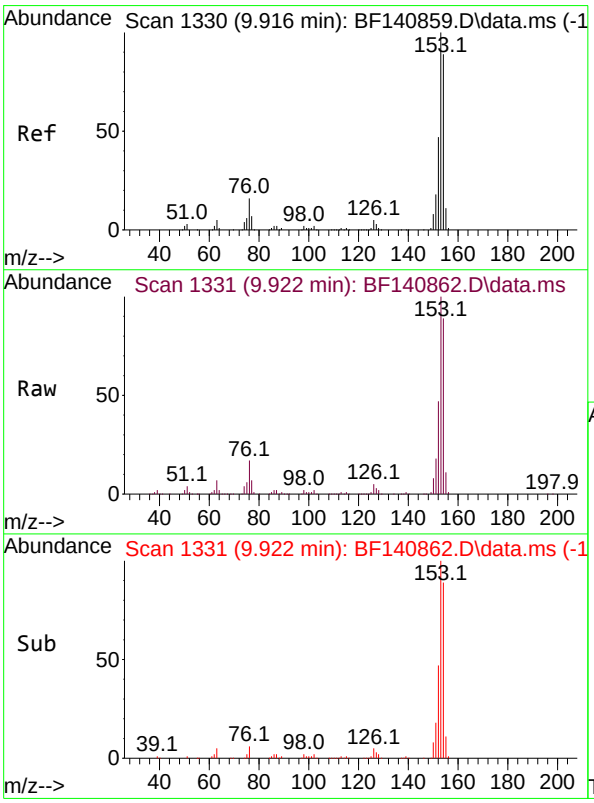
#51
2,6-Dinitrotoluene
Concen: 88.104 ng
RT: 9.686 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 240439

Ion	Ratio	Lower	Upper
165	100		
63	58.1	49.7	74.5
89	56.8	48.2	72.4

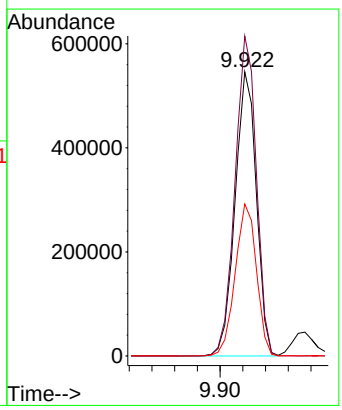


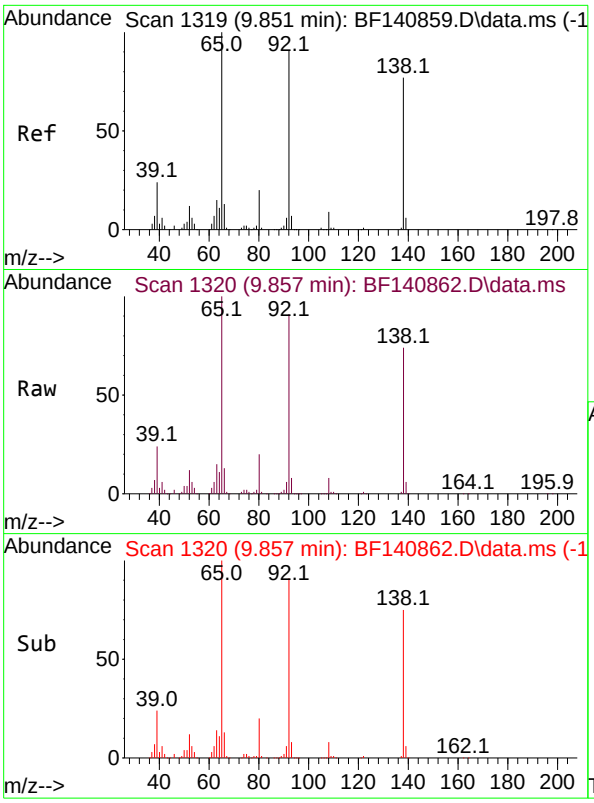


#52
Acenaphthene
Concen: 73.511 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:154 Resp: 710789

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.9	134.9
152	53.5	42.6	63.8



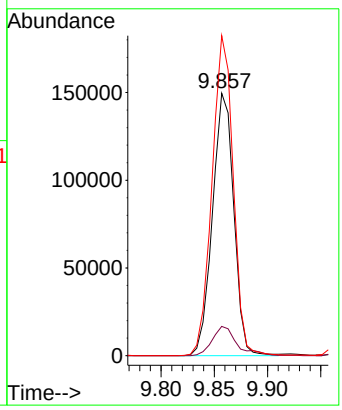


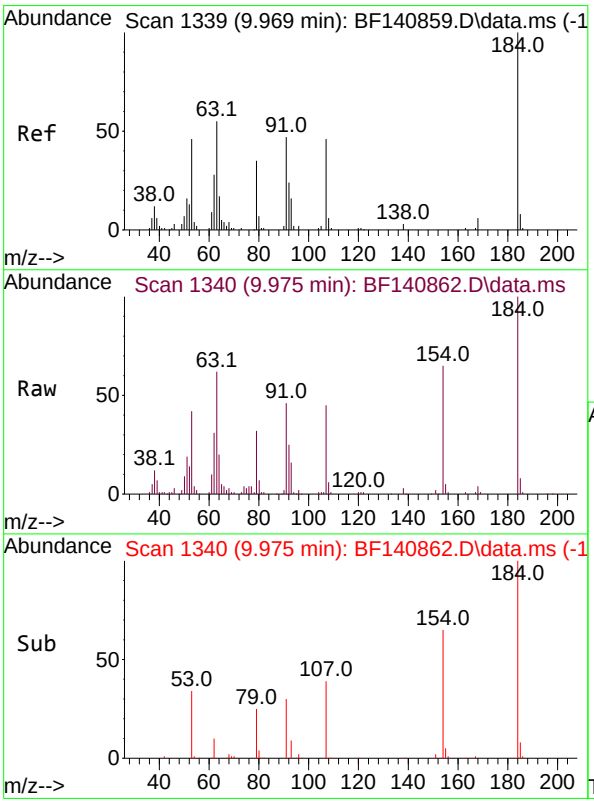
#53
3-Nitroaniline
Concen: 76.804 ng
RT: 9.857 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 208004

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.4
92	122.0	95.5	143.3

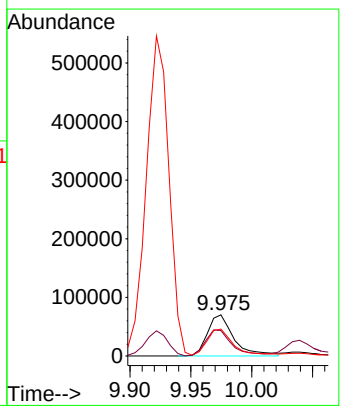


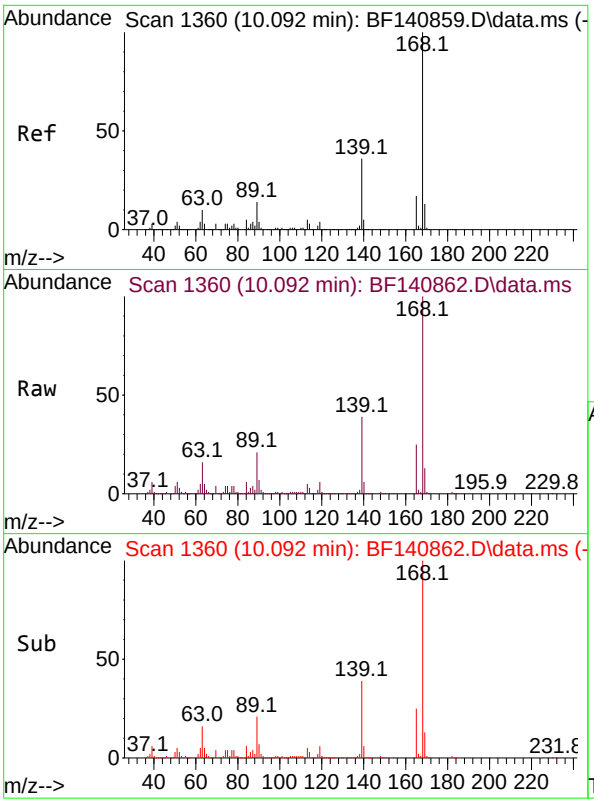


#54
2,4-Dinitrophenol
Concen: 79.797 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:184 Resp: 106230

Ion	Ratio	Lower	Upper
184	100		
63	62.0	51.6	77.4
154	65.4	56.1	84.1



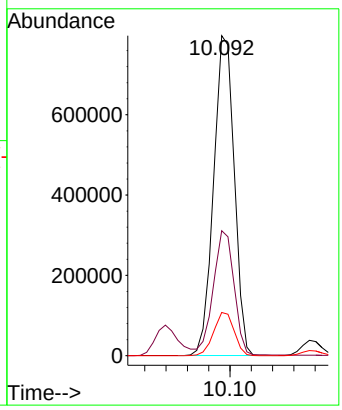


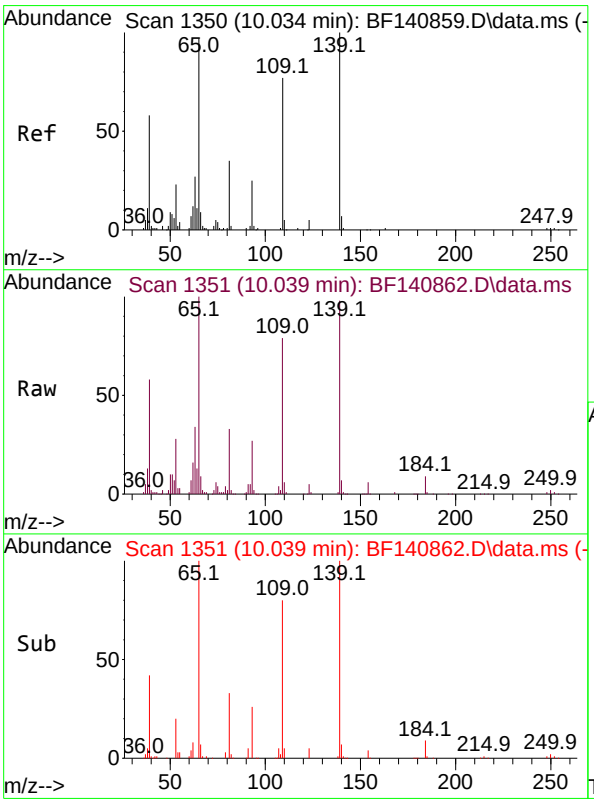
#55
Dibenzofuran
Concen: 71.543 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 1071923

Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.1	46.7
169	13.5	10.6	16.0

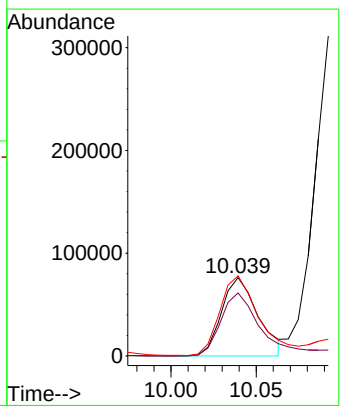


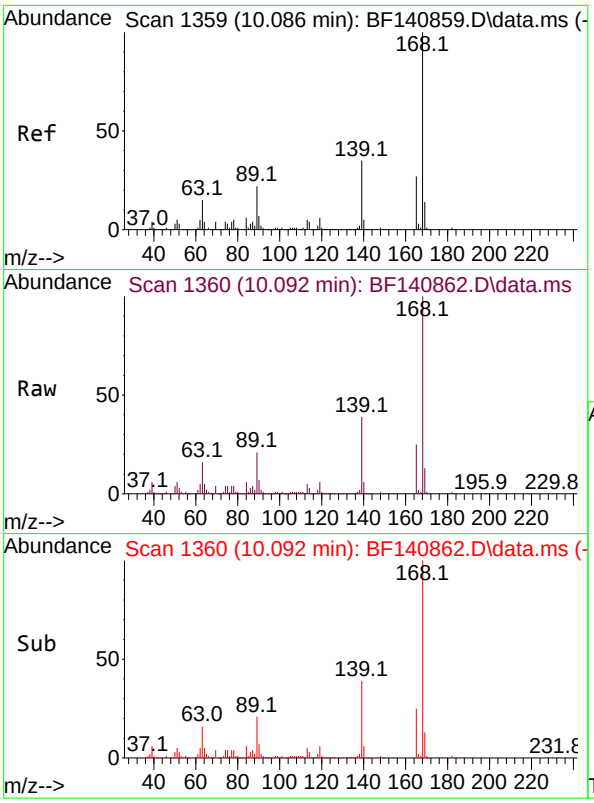


#56
4-Nitrophenol
Concen: 77.685 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:139 Resp: 112972

Ion	Ratio	Lower	Upper
139	100		
109	80.5	56.7	96.7
65	102.3	78.1	118.1



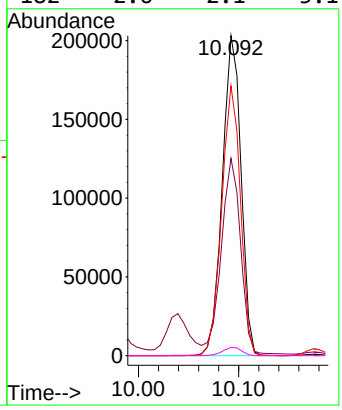


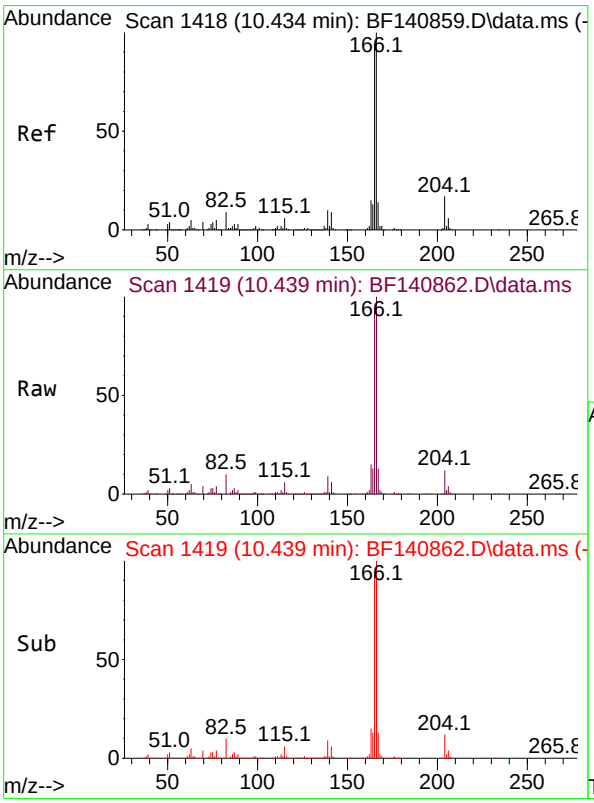
#57
2,4-Dinitrotoluene
Concen: 73.423 ng
RT: 10.092 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 263636

Ion	Ratio	Lower	Upper
165	100		
63	61.7	49.3	73.9
89	84.3	66.2	99.4
182	2.6	2.1	3.1

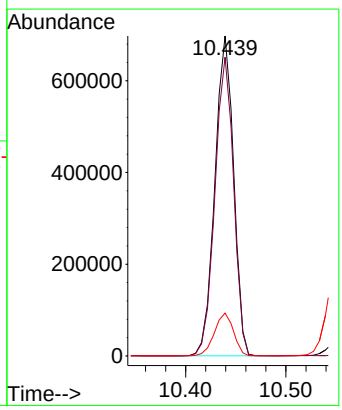


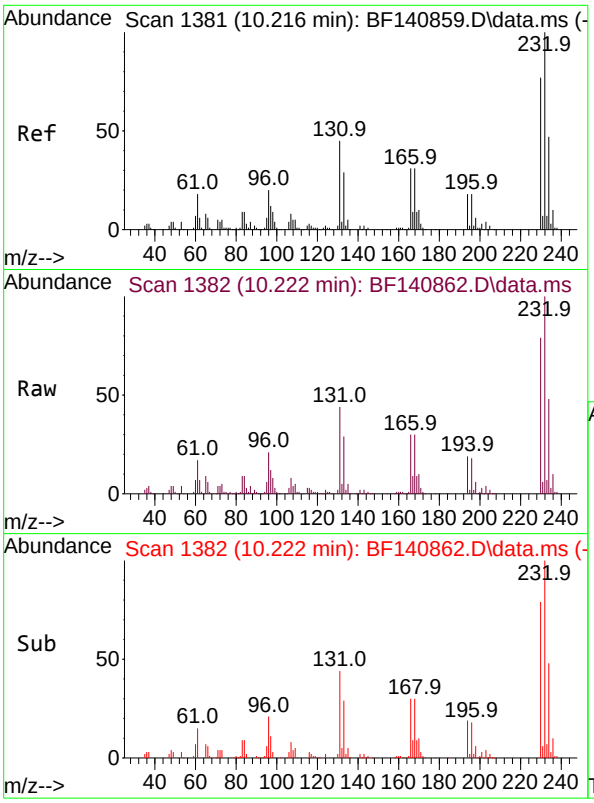


#58
Fluorene
Concen: 73.147 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:166 Resp: 904163

Ion	Ratio	Lower	Upper
166	100		
165	93.3	75.1	112.7
167	13.4	11.1	16.7



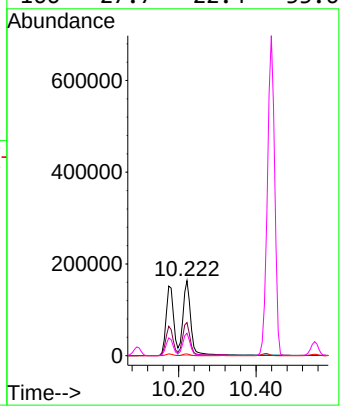


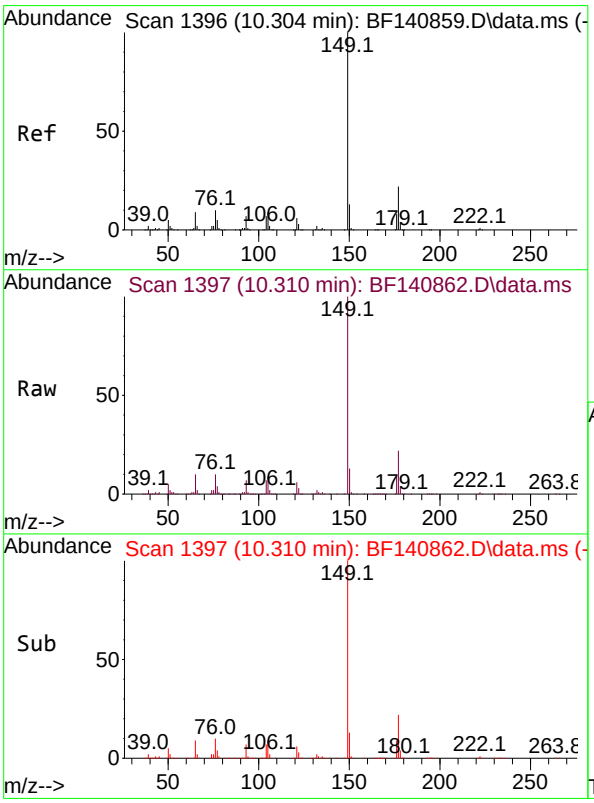
#59
2,3,4,6-Tetrachlorophenol
Concen: 80.870 ng
RT: 10.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 230812

Ion	Ratio	Lower	Upper
232	100		
131	43.4	35.1	52.7
130	2.1	1.8	2.8
166	27.7	22.4	33.6

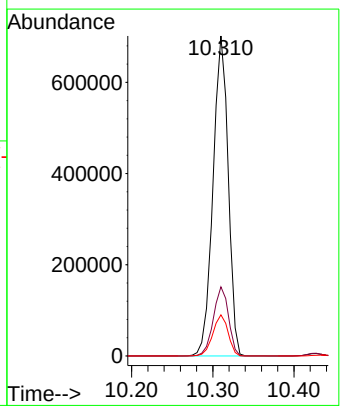


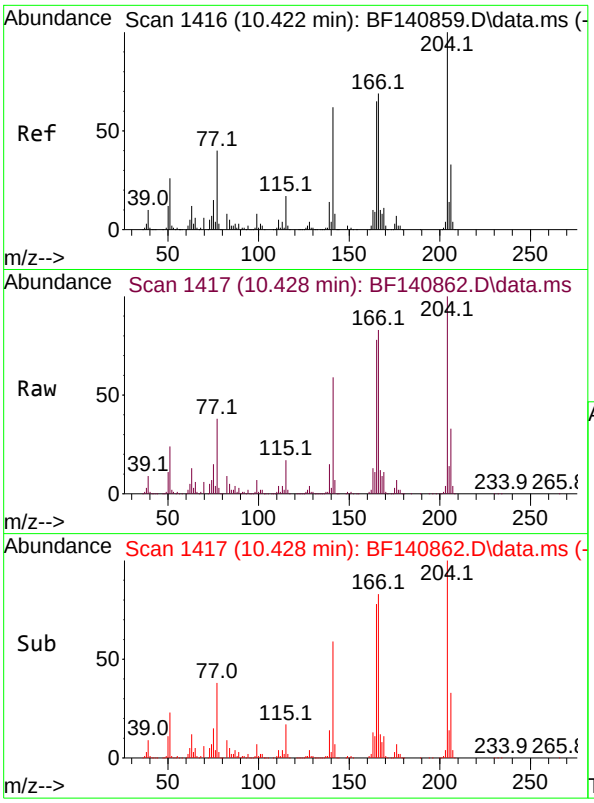


#60
Diethylphthalate
Concen: 73.664 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:149 Resp: 911868

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.2	25.8
150	12.8	10.1	15.1



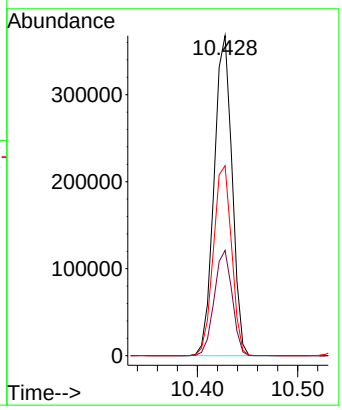


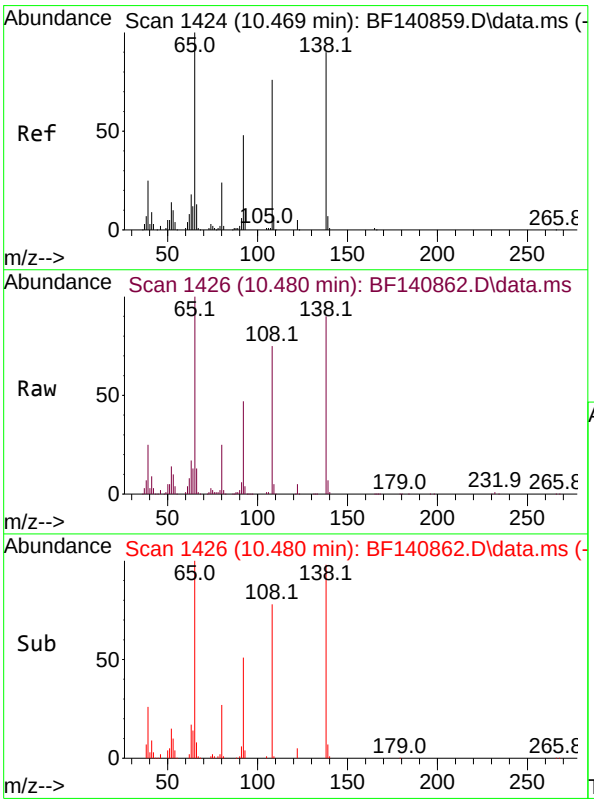
#61
4-Chlorophenyl-phenylether
Concen: 73.562 ng
RT: 10.428 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 456754

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	59.4	50.0	75.0

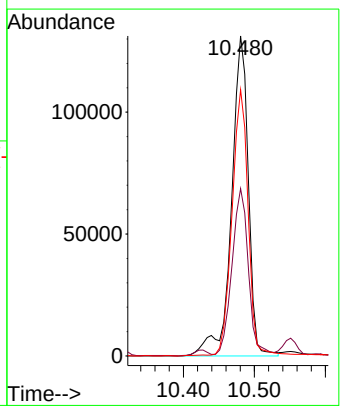


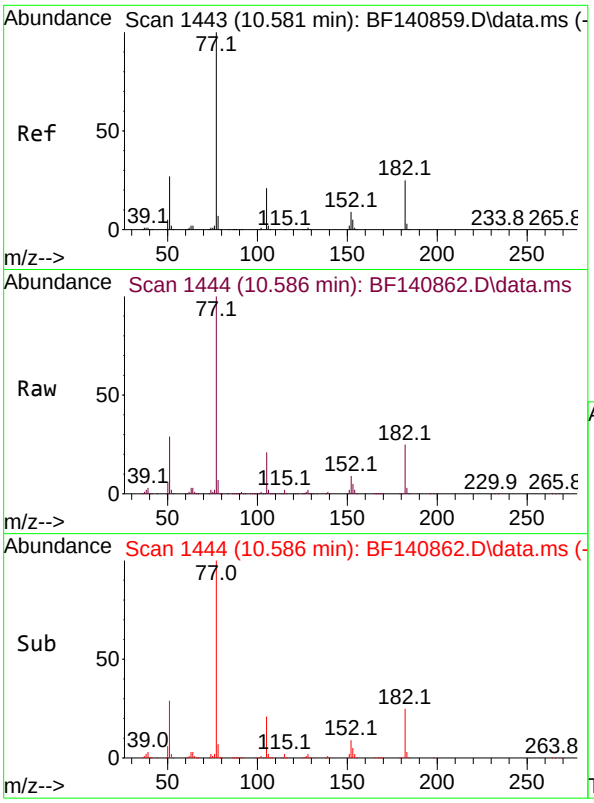


#62
4-Nitroaniline
Concen: 76.547 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:138 Resp: 216635

Ion	Ratio	Lower	Upper
138	100		
92	52.3	32.6	72.6
108	83.2	64.1	104.1



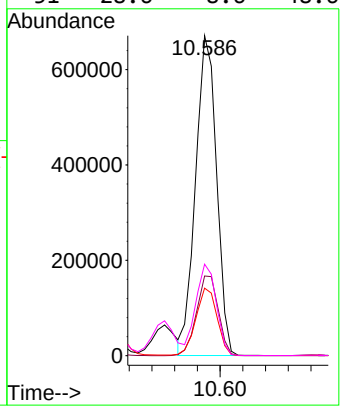


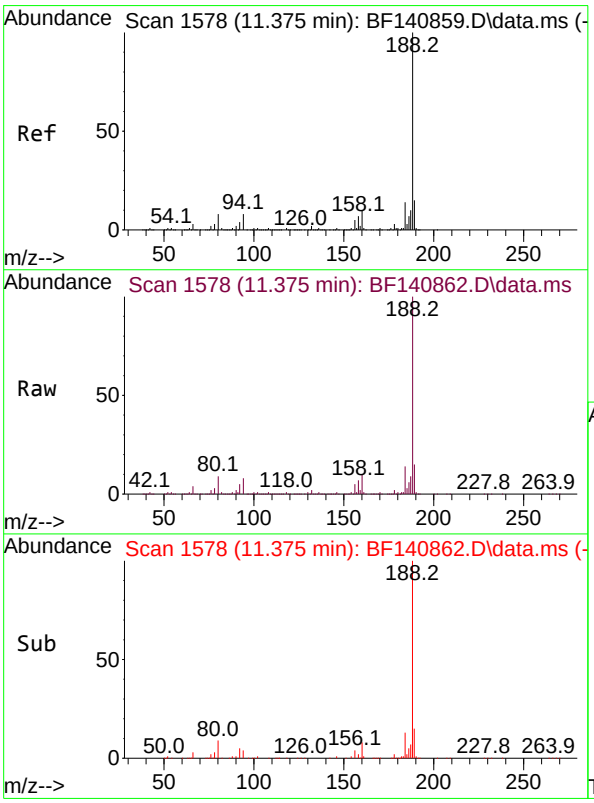
#63
Azobenzene
Concen: 74.110 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 862457

Ion	Ratio	Lower	Upper
77	100		
182	24.9	4.5	44.5
105	21.1	0.9	40.9
51	28.6	8.6	48.6

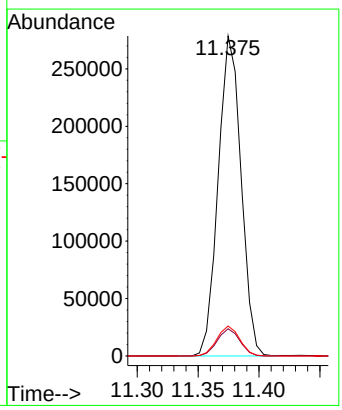


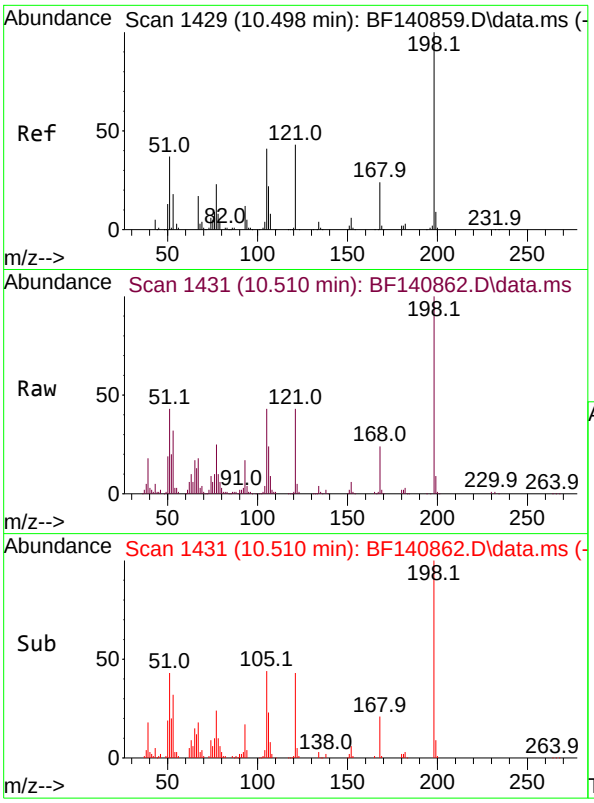


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:188 Resp: 364516

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.4	9.6
80	9.4	6.8	10.2



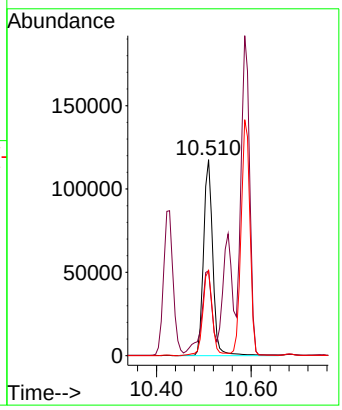


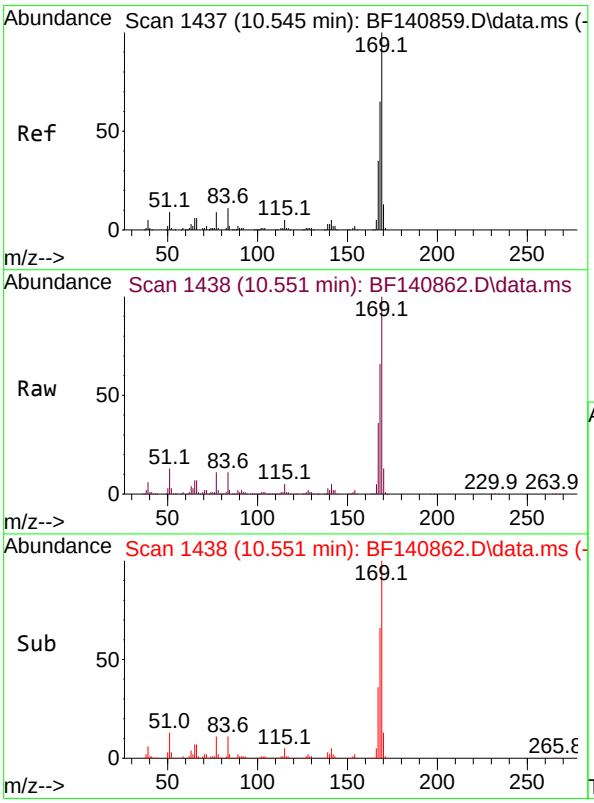
#65
4,6-Dinitro-2-methylphenol
Concen: 76.975 ng
RT: 10.510 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 158996

Ion	Ratio	Lower	Upper
198	100		
51	43.3	24.4	64.4
105	43.4	22.1	62.1

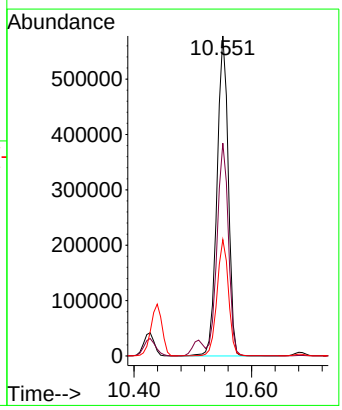


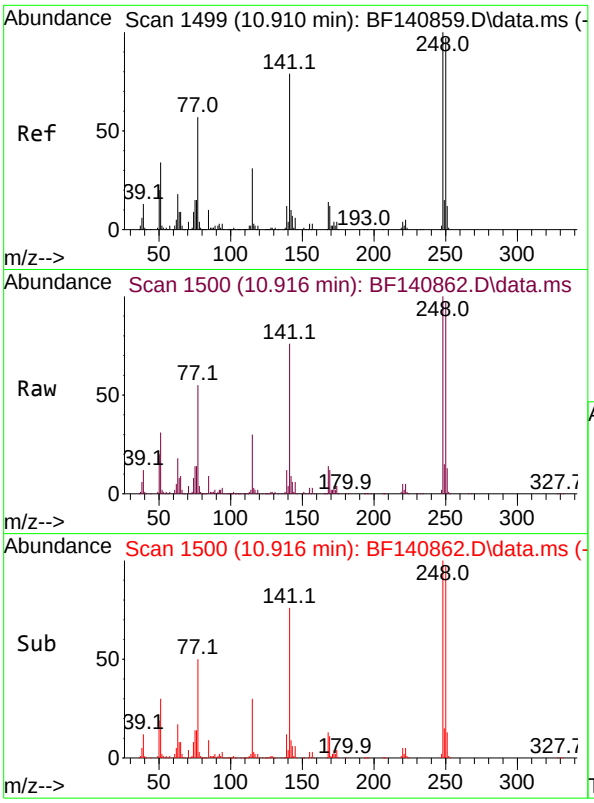


#66
n-Nitrosodiphenylamine
Concen: 68.519 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:169 Resp: 767906

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.4	80.0
167	36.3	28.3	42.5



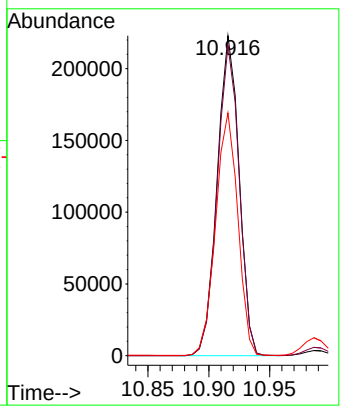


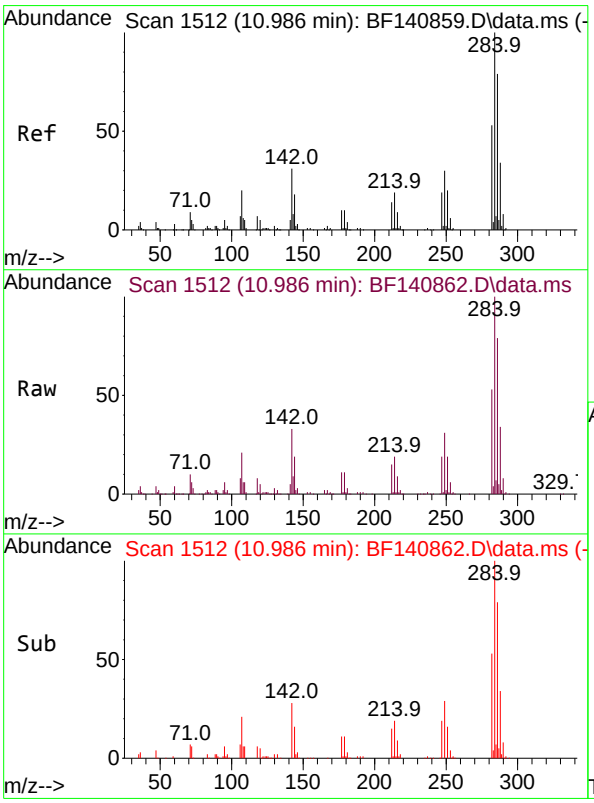
#67
4-Bromophenyl-phenylether
Concen: 68.648 ng
RT: 10.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 279941

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.4	116.2
141	75.9	62.9	94.3

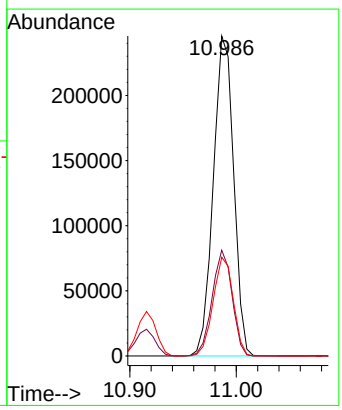


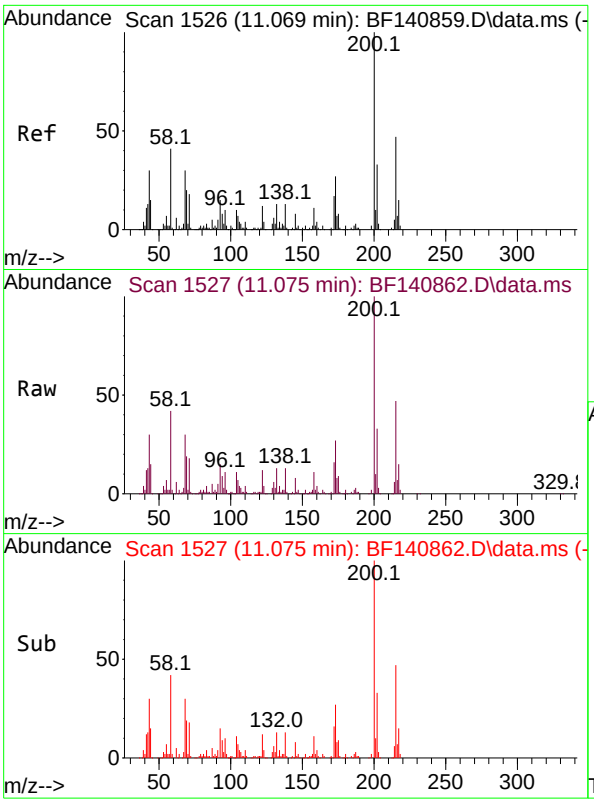


#68
Hexachlorobenzene
Concen: 70.220 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:284 Resp: 324661

Ion	Ratio	Lower	Upper
284	100		
142	33.1	24.6	36.8
249	30.9	24.3	36.5



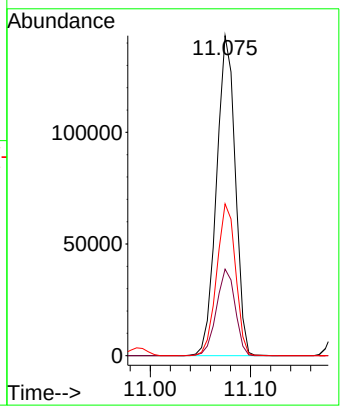


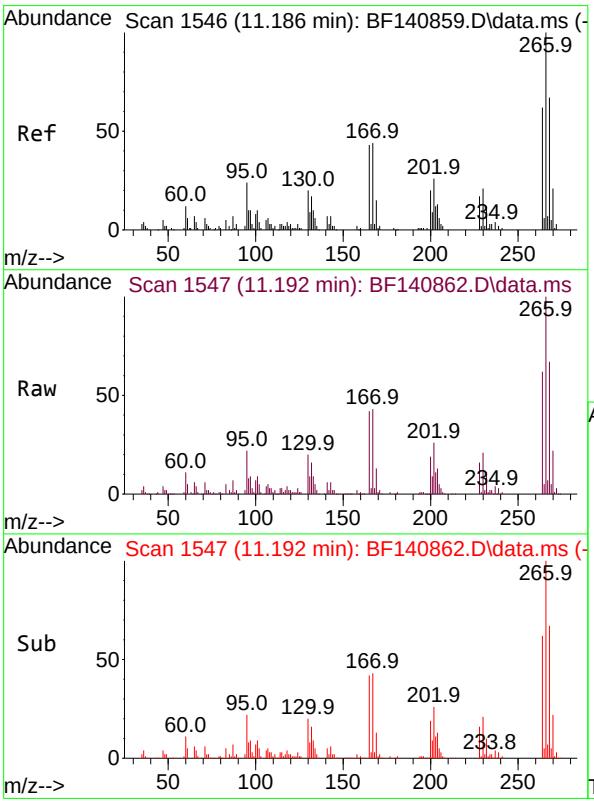
#69
Atrazine
Concen: 59.385 ng
RT: 11.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 185877

Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	47.4	26.7	66.7

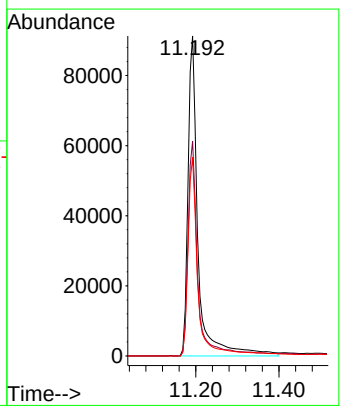


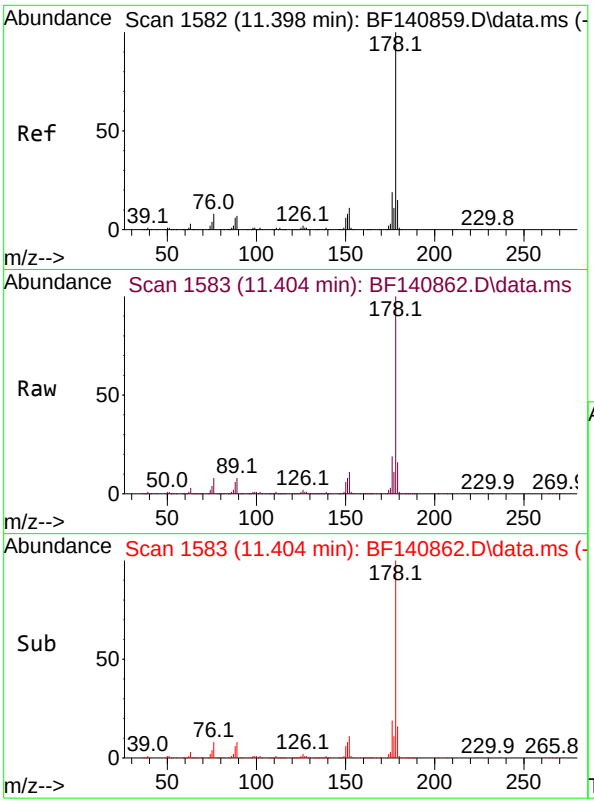


#70
Pentachlorophenol
Concen: 91.050 ng
RT: 11.192 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:266 Resp: 153999

Ion	Ratio	Lower	Upper
266	100		
268	67.1	54.0	81.0
264	62.1	49.4	74.2



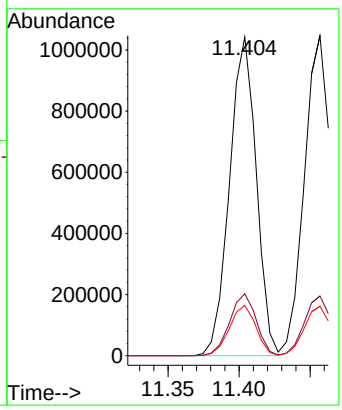


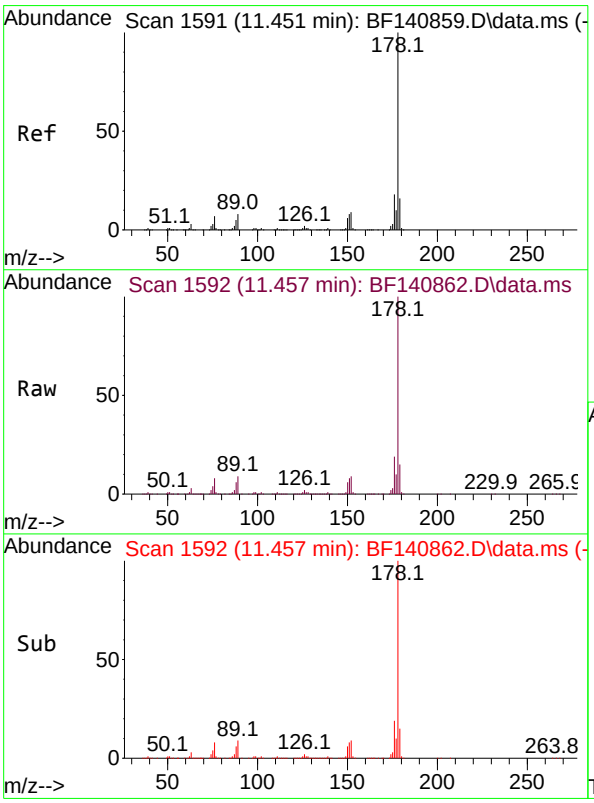
#71
Phenanthrene
Concen: 72.850 ng
RT: 11.404 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 1365579

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	12.1	18.1

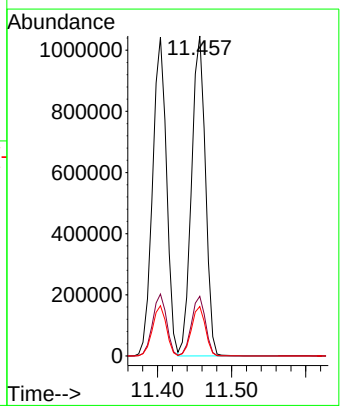


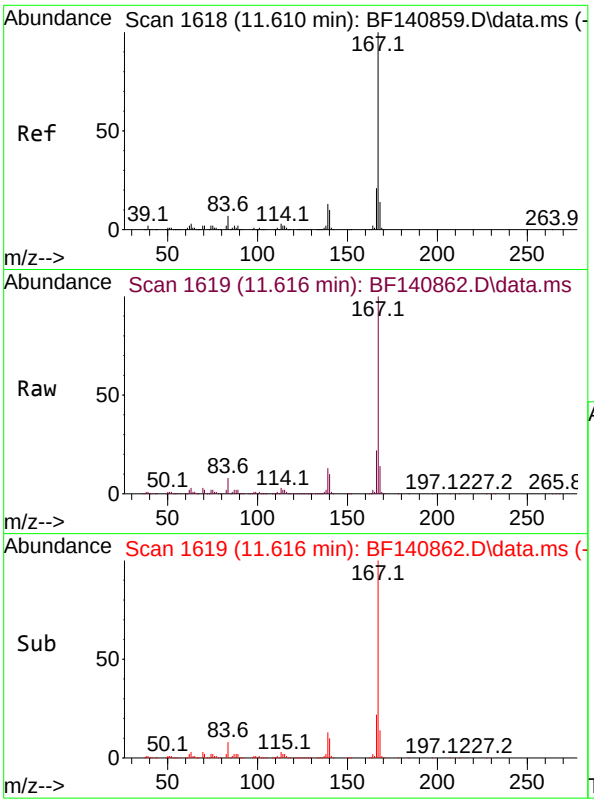


#72
Anthracene
Concen: 73.769 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:178 Resp: 1361788

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.4	12.6	18.8



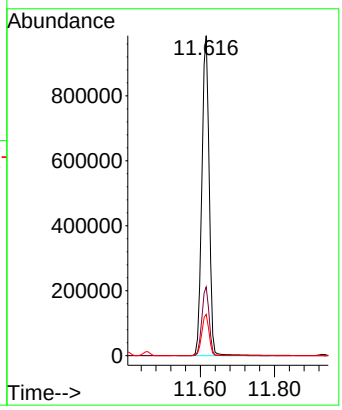


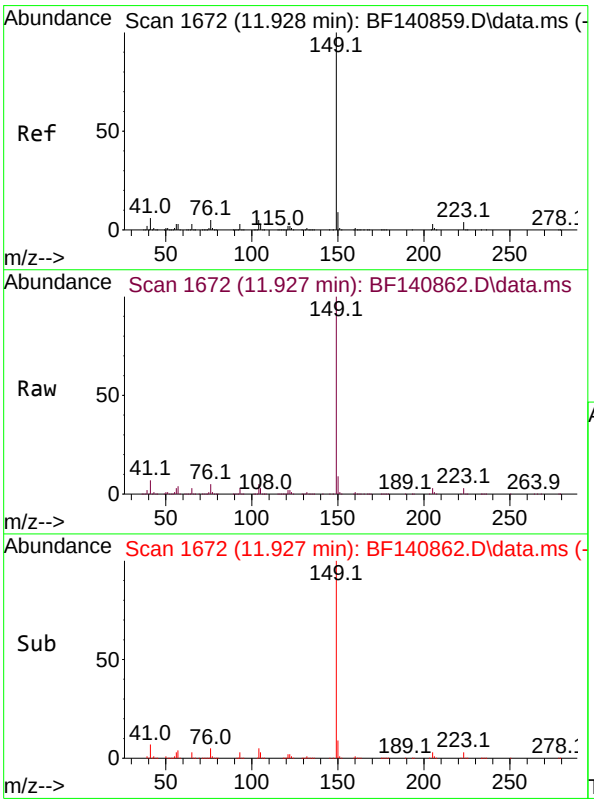
#73
Carbazole
Concen: 74.170 ng
RT: 11.616 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 1341097

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	12.9	10.2	15.2

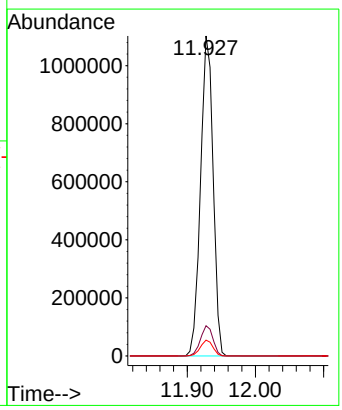


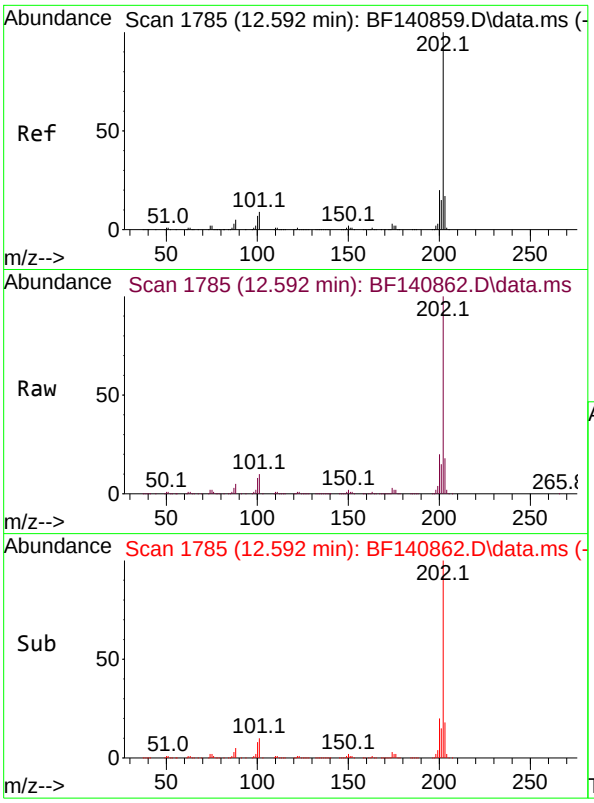


#74
Di-n-butylphthalate
Concen: 66.492 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:149 Resp: 1410986

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.0	3.8	5.8



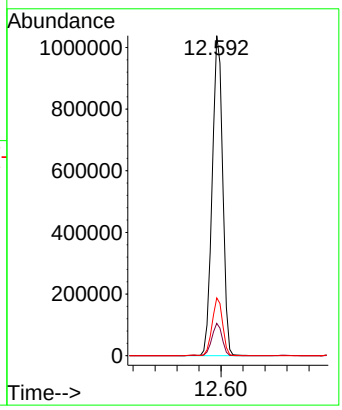


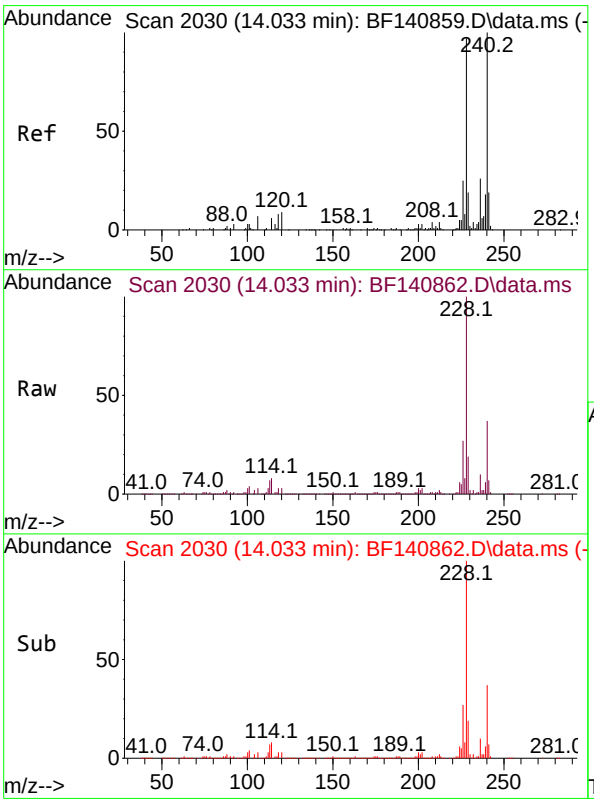
#75
Fluoranthene
Concen: 63.687 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 1374862

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.3
203	18.1	0.0	37.4

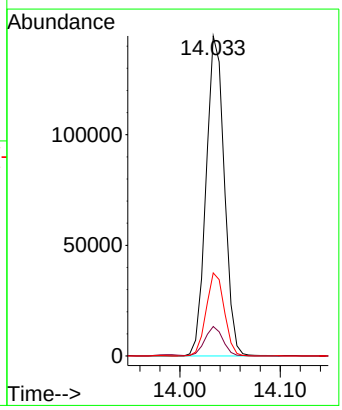


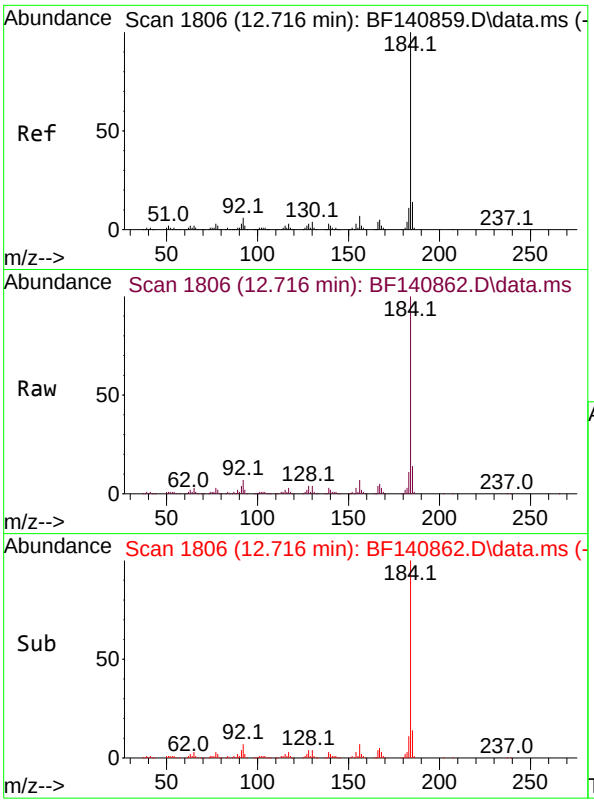


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:240 Resp: 182739

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.6	11.4
236	26.0	20.5	30.7



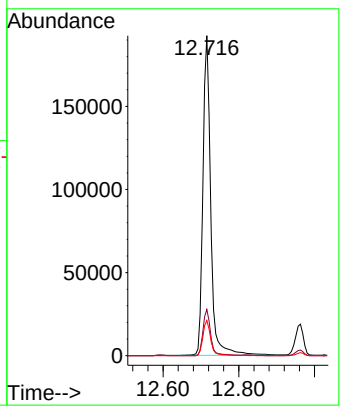


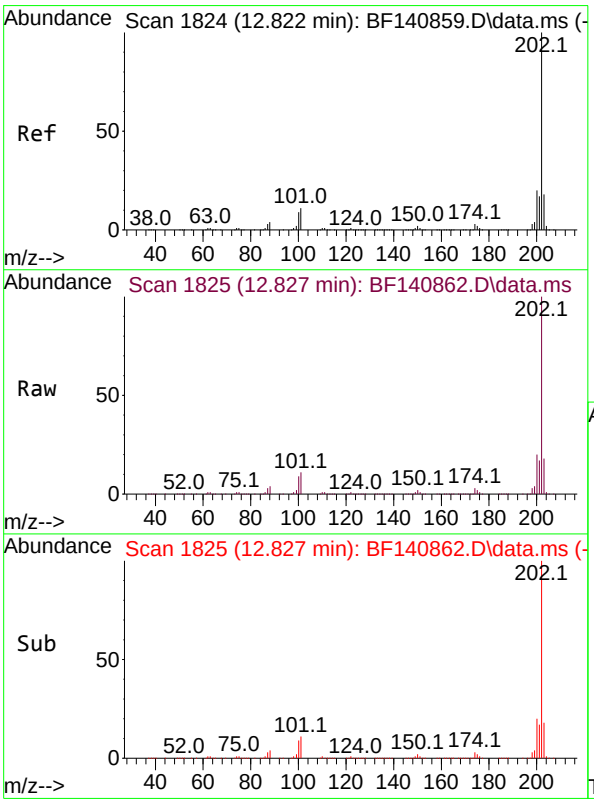
#77
Benzidine
Concen: 74.064 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 276230

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.1	16.7
183	11.0	9.0	13.4

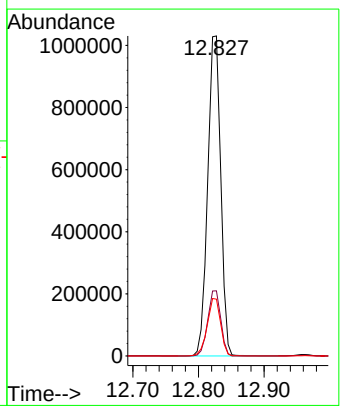


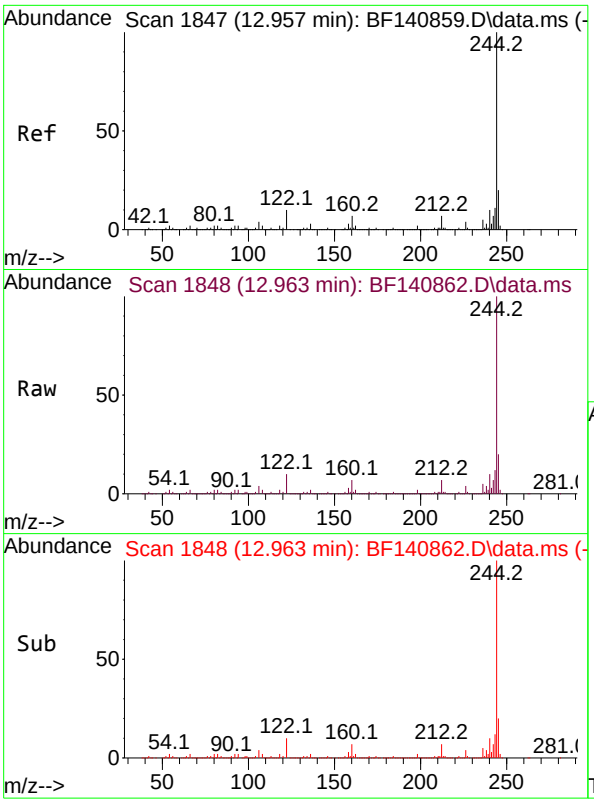


#78
Pyrene
Concen: 87.621 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:202 Resp: 1423860

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.1	24.1
203	17.8	14.2	21.4



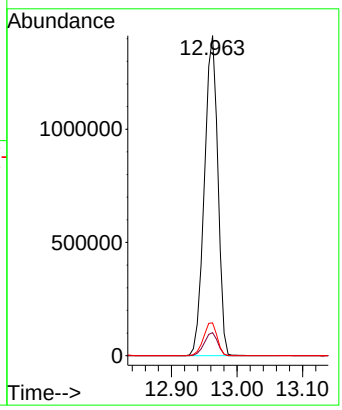


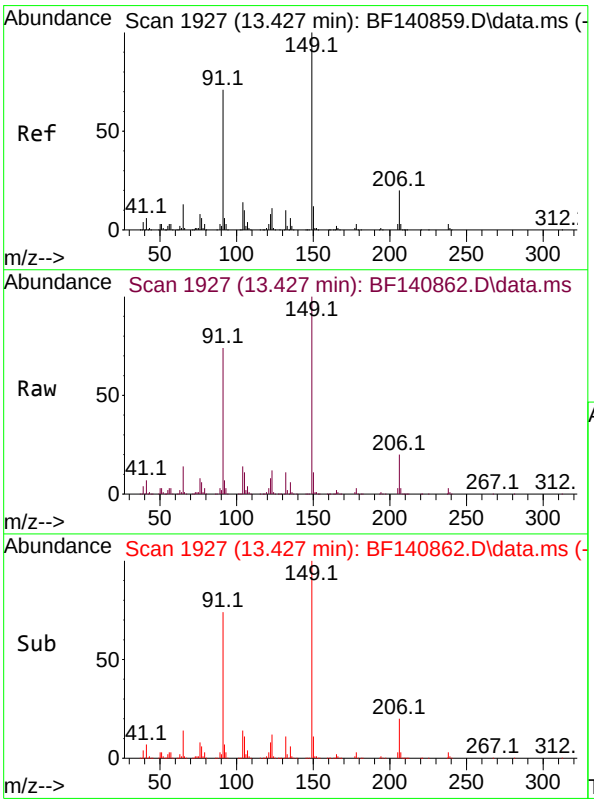
#79
Terphenyl-d14
Concen: 174.221 ng
RT: 12.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp: 2018997

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.2	8.2	12.2

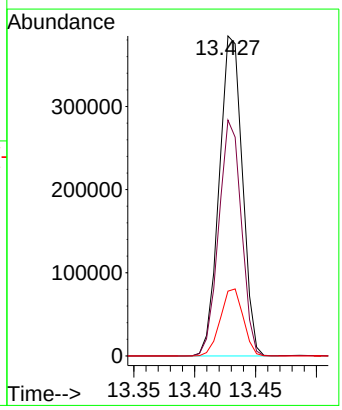


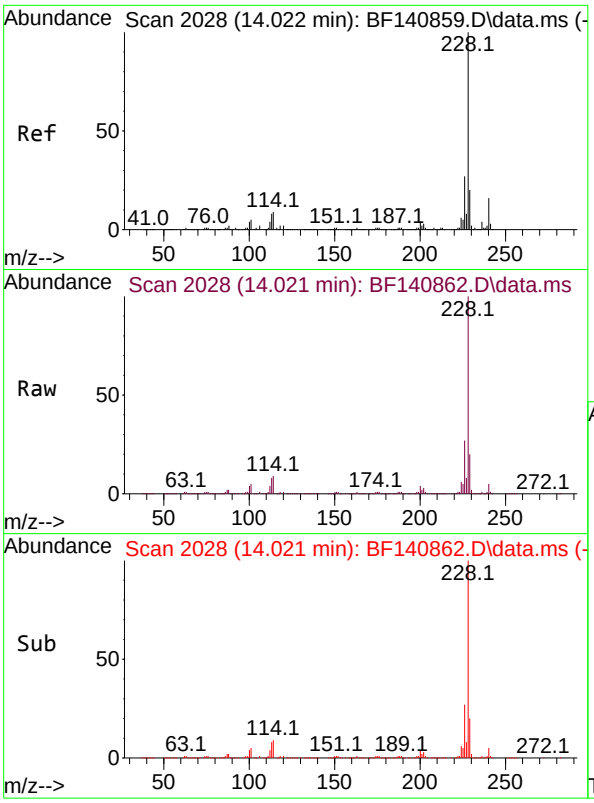


#80
Butylbenzylphthalate
Concen: 85.043 ng
RT: 13.427 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:149 Resp: 508497

Ion	Ratio	Lower	Upper
149	100		
91	73.7	56.7	85.1
206	20.3	16.4	24.6



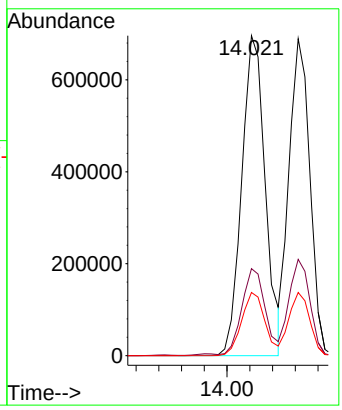


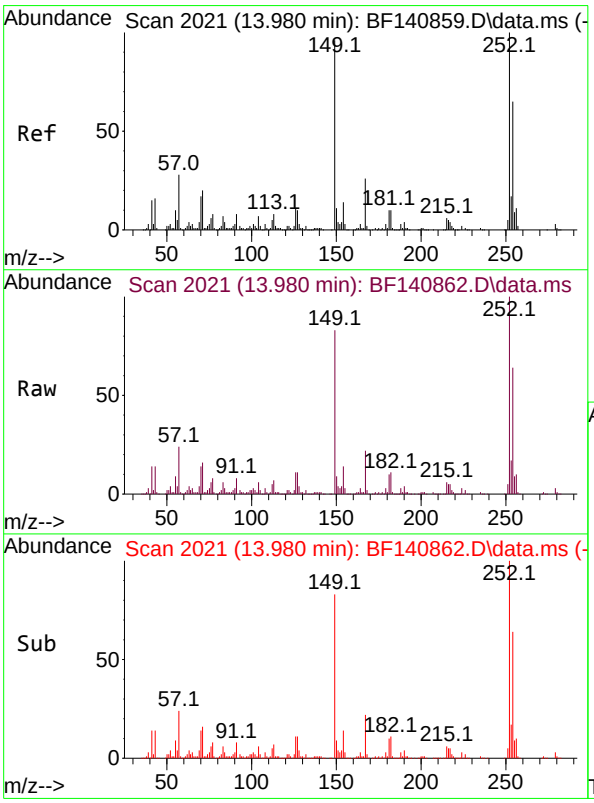
#81
Benzo(a)anthracene
Concen: 77.292 ng
RT: 14.021 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 1001035

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.7	15.8	23.8

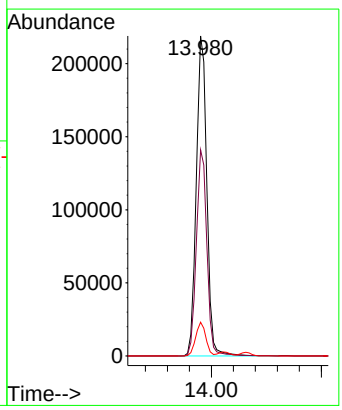


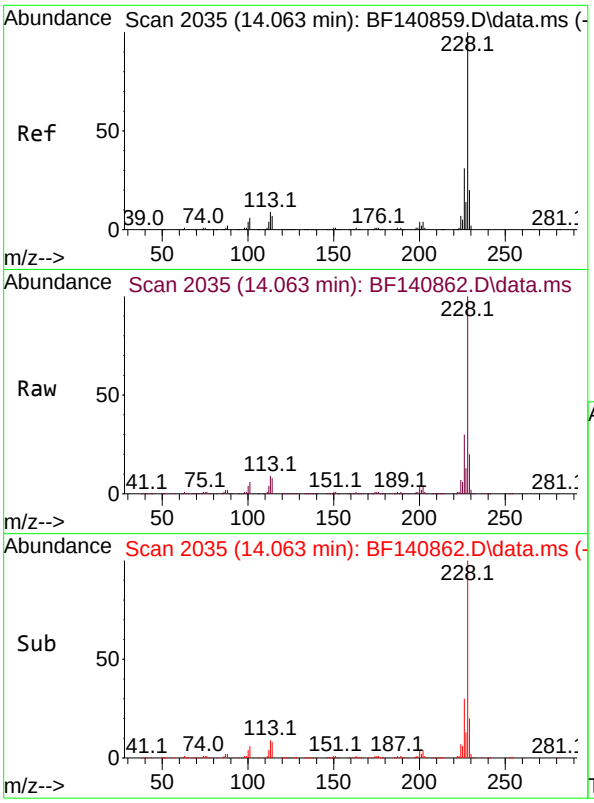


#82
3,3'-Dichlorobenzidine
Concen: 74.661 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:252 Resp: 291736

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.3	78.5
126	10.6	8.4	12.6



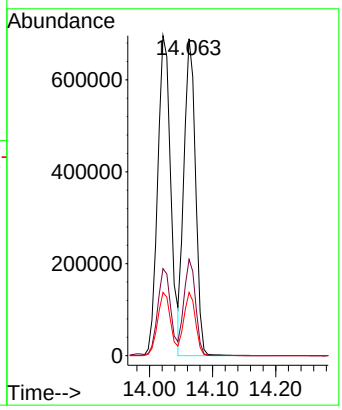


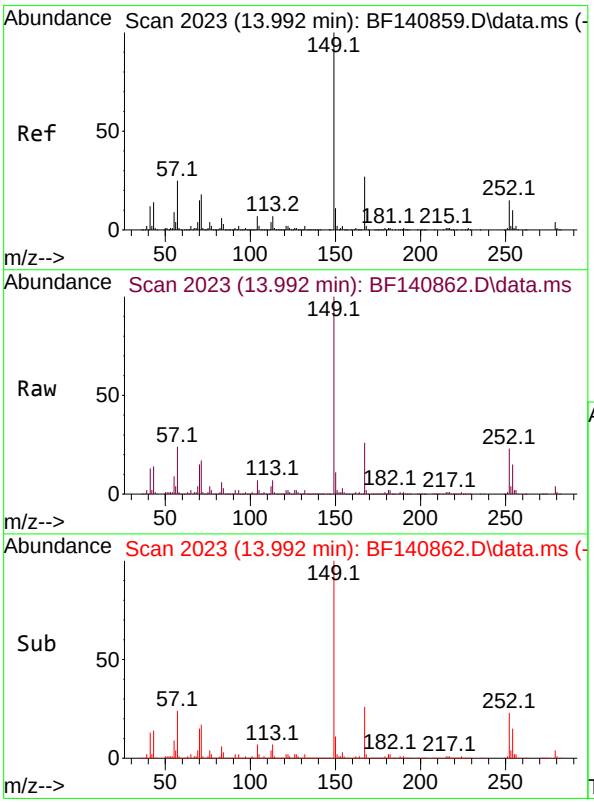
#83
Chrysene
Concen: 74.840 ng
RT: 14.063 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 881398

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	20.0	16.0	24.0

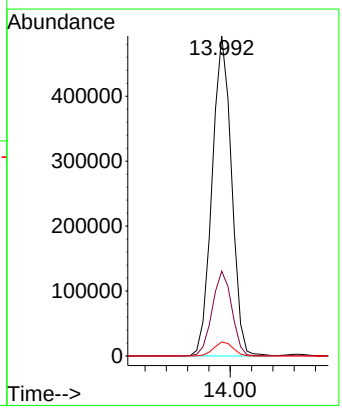


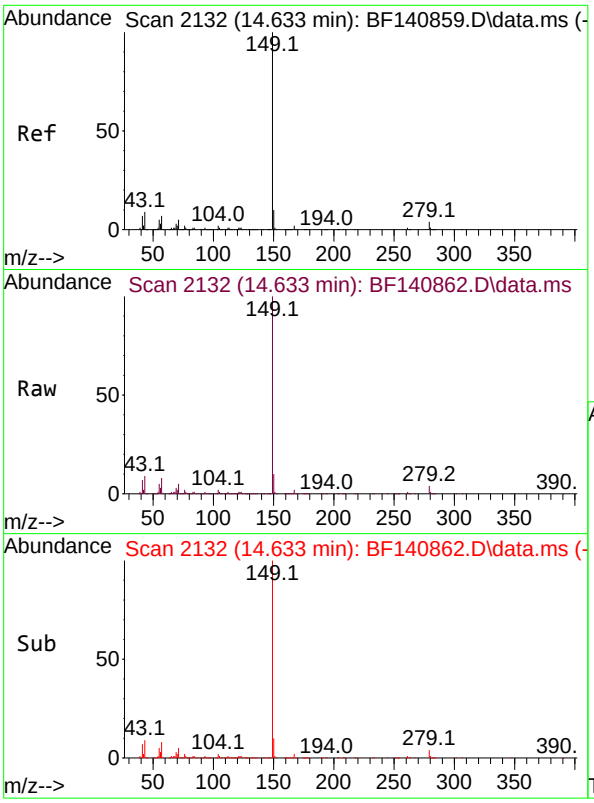


#84
Bis(2-ethylhexyl)phthalate
Concen: 81.032 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:149 Resp: 624744

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.8	32.8
279	4.3	3.5	5.3



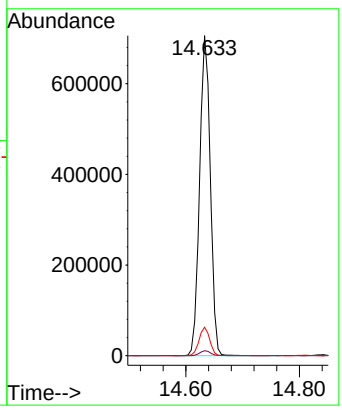


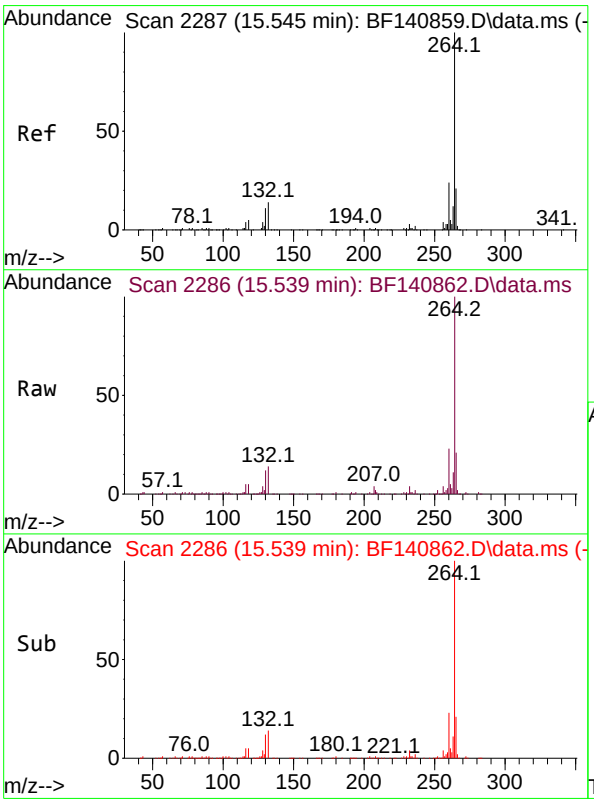
#85
Di-n-octyl phthalate
Concen: 79.125 ng
RT: 14.633 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 922920

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.0	10.6

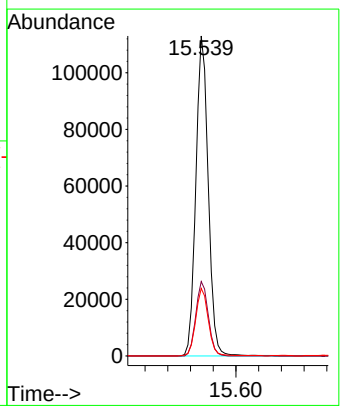


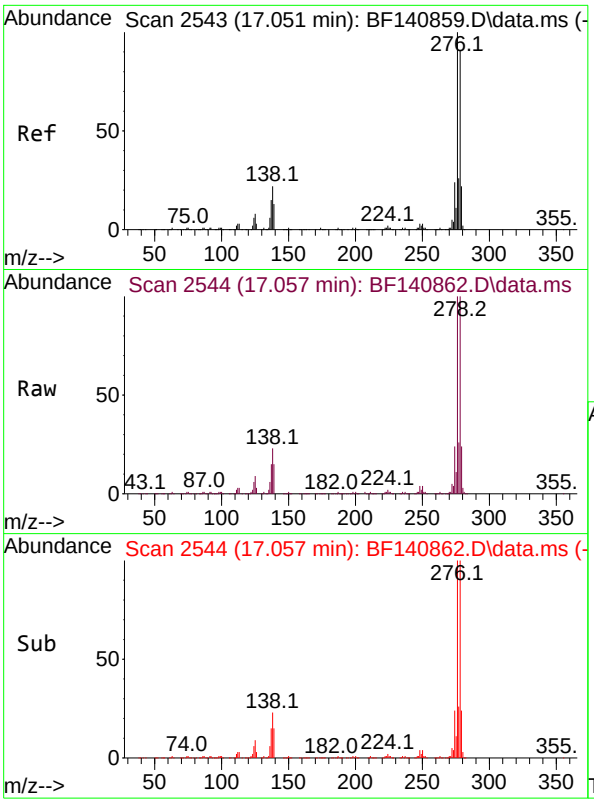


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:264 Resp: 171569

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.1	17.0	25.4



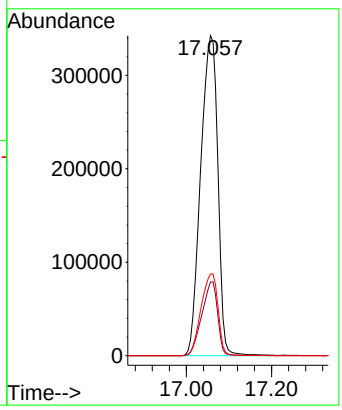


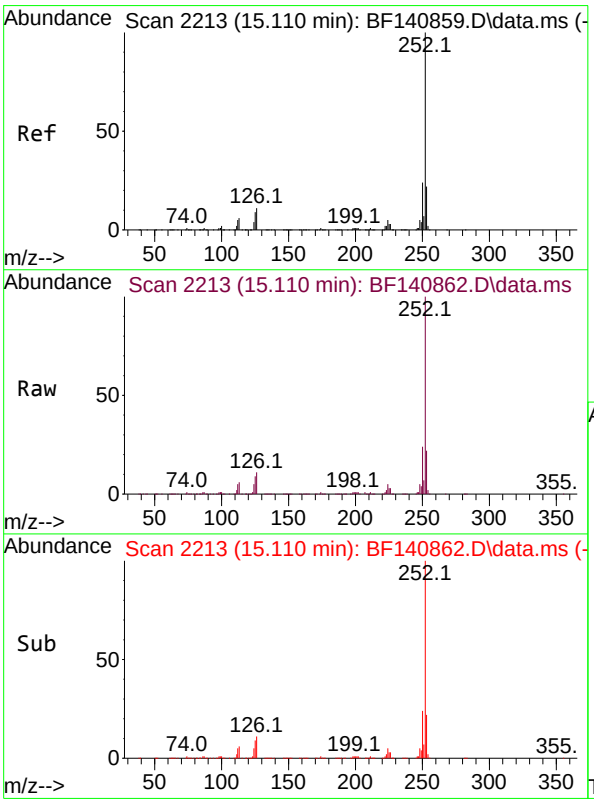
#87
Indeno(1,2,3-cd)pyrene
Concen: 89.400 ng
RT: 17.057 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 957167

Ion	Ratio	Lower	Upper
276	100		
138	21.2	16.9	25.3
277	25.2	20.2	30.4

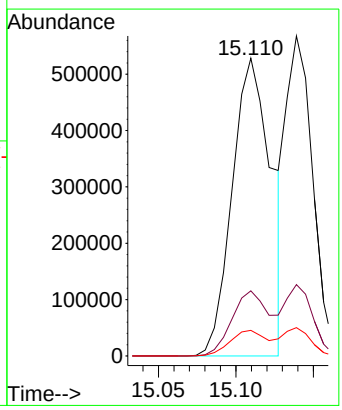


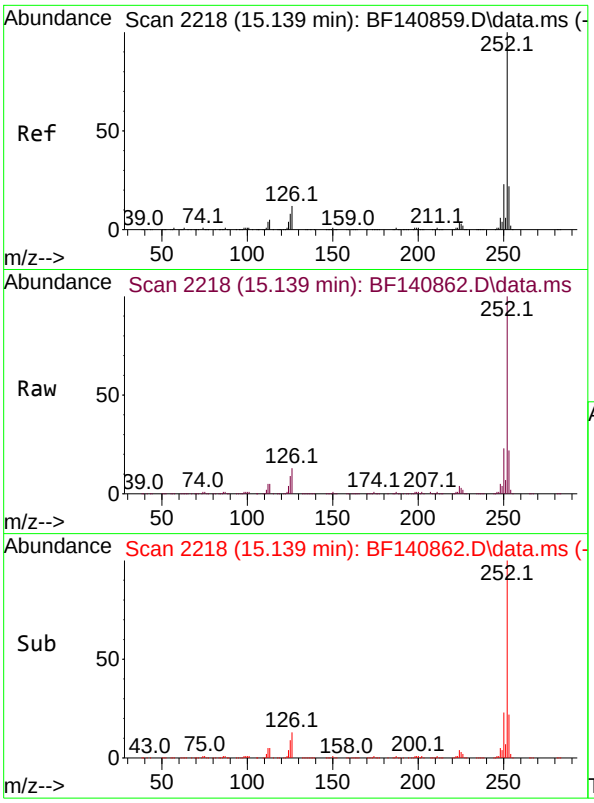


#88
Benzo(b)fluoranthene
Concen: 77.753 ng
RT: 15.110 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:252 Resp: 925999

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.6	7.0	10.4



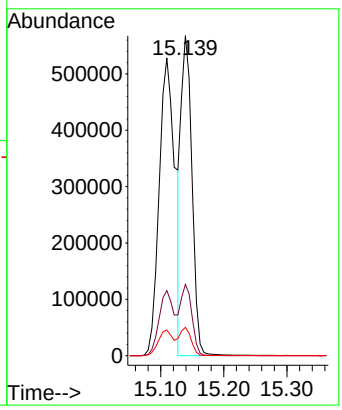


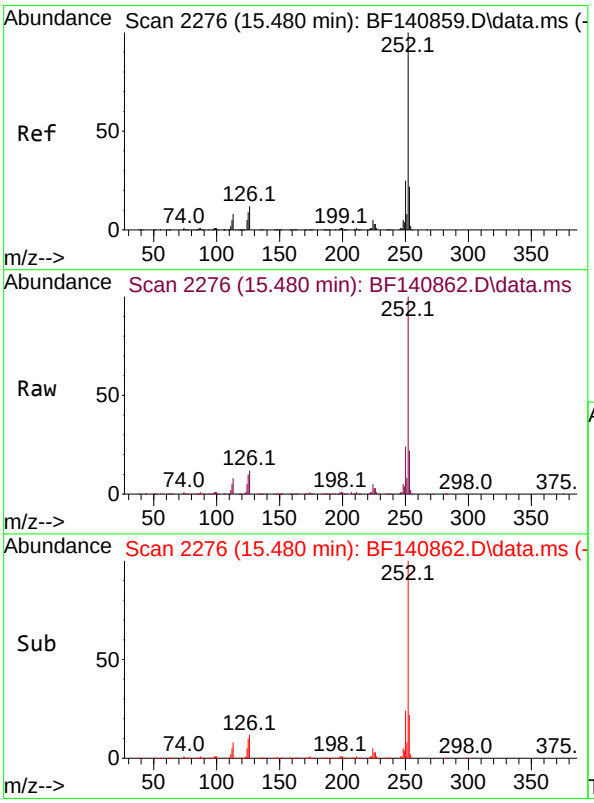
#89
Benzo(k)fluoranthene
Concen: 66.881 ng
RT: 15.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 683254

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.9	6.8	10.2

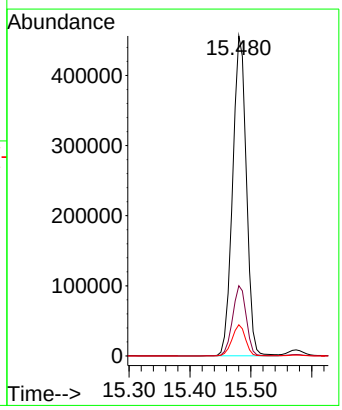


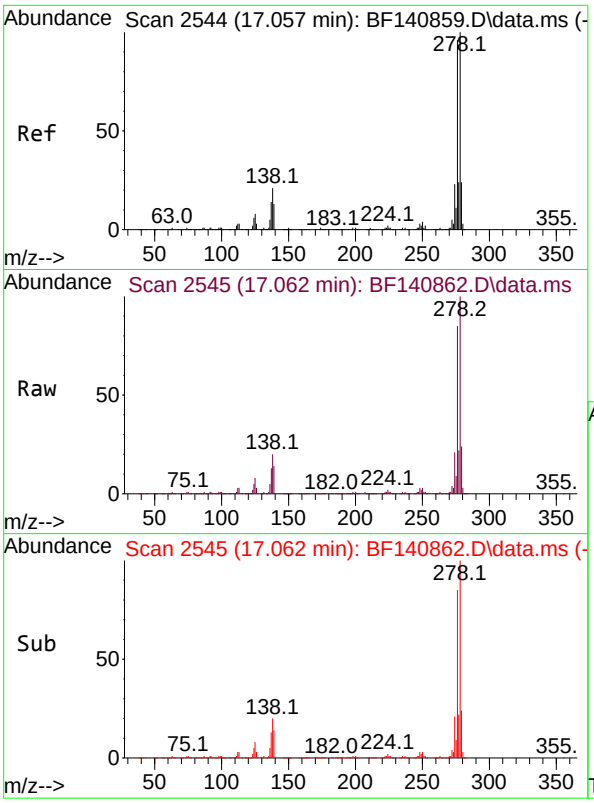


#90
Benzo(a)pyrene
Concen: 76.662 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:252 Resp: 714906

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.8	7.5	11.3



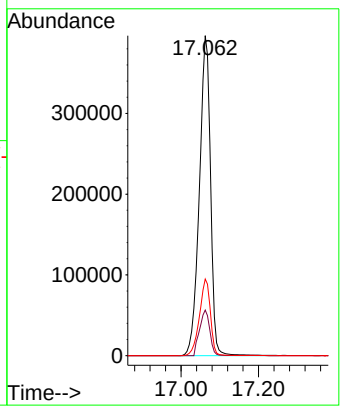


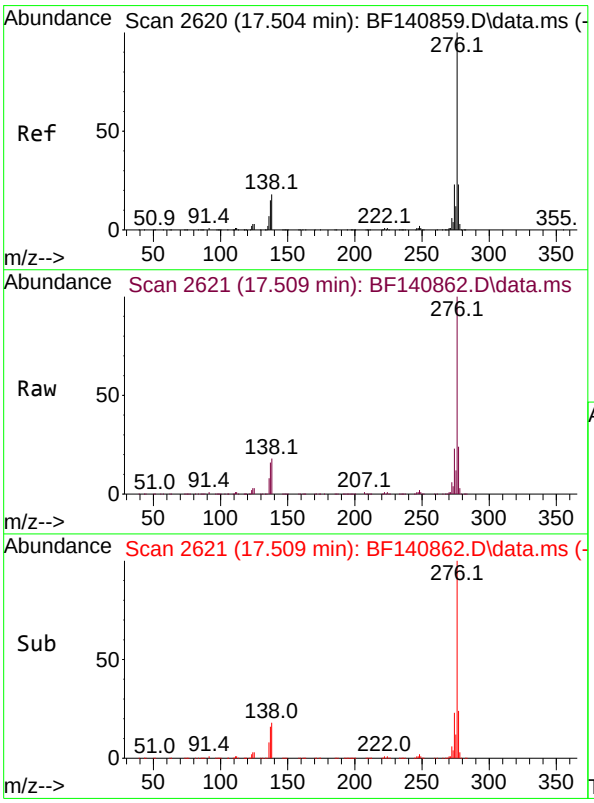
#91
Dibenzo(a,h)anthracene
Concen: 89.311 ng
RT: 17.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 792175

Ion	Ratio	Lower	Upper
278	100		
139	14.3	10.6	16.0
279	24.0	19.2	28.8

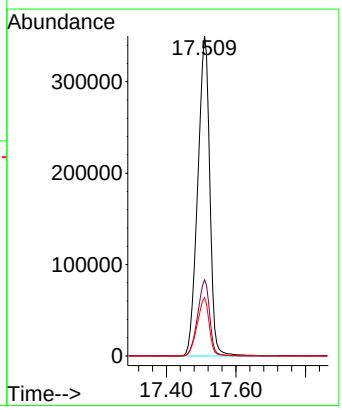




#92
Benzo(g,h,i)perylene
Concen: 93.101 ng
RT: 17.509 min Scan# 2621
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:276 Resp: 840468

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	18.2	14.2	21.2



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140863.D
Acq On : 16 Dec 2024 16:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Quant Time: Dec 16 17:02:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	88035	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	361248	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	202013	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	381984	20.000	ng	0.00
76) Chrysene-d12	14.021	240	236413	20.000	ng	-0.01
86) Perylene-d12	15.504	264	217277	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	407420	76.184	ng	0.00
7) Phenol-d6	6.498	99	539951	76.229	ng	0.00
23) Nitrobenzene-d5	7.416	82	544482	75.408	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	161969	67.791	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1108356	75.432	ng	0.00
79) Terphenyl-d14	12.957	244	1126061	75.108	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	74540	32.360	ng	99
3) Pyridine	3.387	79	186082	34.882	ng	99
4) n-Nitrosodimethylamine	3.340	42	91392	33.984	ng	99
6) Aniline	6.516	93	240098	39.644	ng	96
8) 2-Chlorophenol	6.640	128	226045	38.761	ng	95
9) Benzaldehyde	6.404	77	158915	40.491	ng	99
10) Phenol	6.510	94	283984	38.683	ng	100
11) bis(2-Chloroethyl)ether	6.587	93	216280	39.504	ng	100
12) 1,3-Dichlorobenzene	6.787	146	259904	39.111	ng	99
13) 1,4-Dichlorobenzene	6.863	146	268094	39.745	ng	98
14) 1,2-Dichlorobenzene	7.022	146	251561	39.527	ng	98
15) Benzyl Alcohol	6.998	79	201477	39.782	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	264233	40.970	ng	97
17) 2-Methylphenol	7.116	107	187119	40.189	ng	99
18) Hexachloroethane	7.357	117	99360	39.568	ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	169362	39.861	ng	100
20) 3+4-Methylphenols	7.269	107	246929	39.995	ng	98
22) Acetophenone	7.263	105	330166	36.536	ng	99
24) Nitrobenzene	7.434	77	279878	37.836	ng	99
25) Isophorone	7.675	82	462528	38.231	ng	100
26) 2-Nitrophenol	7.751	139	137663	40.407	ng	99
27) 2,4-Dimethylphenol	7.787	122	161001	40.466	ng	100
28) bis(2-Chloroethoxy)met...	7.875	93	304778	40.334	ng	98
29) 2,4-Dichlorophenol	7.998	162	217841	39.658	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	241375	38.332	ng	100
31) Naphthalene	8.151	128	763453	38.473	ng	99
32) Benzoic acid	7.939	122	159806	42.351	ng	99
33) 4-Chloroaniline	8.204	127	248138	37.650	ng	99
34) Hexachlorobutadiene	8.263	225	154475	36.462	ng	98
35) Caprolactam	8.587	113	59056	36.113	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	219338	35.477	ng	100
37) 2-Methylnaphthalene	8.839	142	490114	37.337	ng	99
38) 1-Methylnaphthalene	8.939	142	479930	36.969	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	240096	38.668	ng	100
41) Hexachlorocyclopentadiene	8.986	237	53352	37.672	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	149871	39.419	ng	98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140863.D
Acq On : 16 Dec 2024 16:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Quant Time: Dec 16 17:02:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	166716	39.895 ng	98
46) 1,1'-Biphenyl	9.304	154	617038	38.412 ng	99
47) 2-Chloronaphthalene	9.334	162	448814	36.522 ng	99
48) 2-Nitroaniline	9.434	65	140999	37.990 ng	99
49) Acenaphthylene	9.745	152	679962	37.651 ng	100
50) Dimethylphthalate	9.604	163	522757	36.704 ng	100
51) 2,6-Dinitrotoluene	9.675	165	122408	37.595 ng	97
52) Acenaphthene	9.916	154	441540	38.275 ng	99
53) 3-Nitroaniline	9.851	138	128348	39.722 ng	98
54) 2,4-Dinitrophenol	9.969	184	50562	35.766 ng	96
55) Dibenzofuran	10.092	168	663435	37.113 ng	100
56) 4-Nitrophenol	10.033	139	63289	38.834 ng	95
57) 2,4-Dinitrotoluene	10.086	165	163115	38.076 ng	99
58) Fluorene	10.433	166	551110	37.370 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	144396	42.405 ng	98
60) Diethylphthalate	10.304	149	560121	37.926 ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	277040	37.398 ng	98
62) 4-Nitroaniline	10.469	138	131388	38.912 ng	98
63) Azobenzene	10.581	77	536731	38.657 ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	90125	41.637 ng	97
66) n-Nitrosodiphenylamine	10.545	169	466366	39.710 ng	99
67) 4-Bromophenyl-phenylether	10.910	248	155245	36.329 ng	99
68) Hexachlorobenzene	10.980	284	179906	37.132 ng	96
69) Atrazine	11.069	200	120830	36.838 ng	98
70) Pentachlorophenol	11.186	266	68516	38.679 ng	97
71) Phenanthrene	11.398	178	747974	38.078 ng	99
72) Anthracene	11.451	178	729685	37.720 ng	99
73) Carbazole	11.610	167	613711	32.390 ng	99
74) Di-n-butylphthalate	11.927	149	751217	33.782 ng	100
75) Fluoranthene	12.592	202	772859	34.163 ng	99
77) Benzidine	12.716	184	176802	36.642 ng	99
78) Pyrene	12.822	202	792874	37.714 ng	99
80) Butylbenzylphthalate	13.427	149	307036	39.692 ng	99
81) Benzo(a)anthracene	14.010	228	679017	40.525 ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	194418	38.459 ng	100
83) Chrysene	14.051	228	574336	37.695 ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	408768	40.982 ng	99
85) Di-n-octyl phthalate	14.598	149	617289	40.907 ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	539135	39.762 ng	99
88) Benzo(b)fluoranthene	15.074	252	609480	40.410 ng	100
89) Benzo(k)fluoranthene	15.098	252	525272	40.601 ng	99
90) Benzo(a)pyrene	15.439	252	470896	39.873 ng	99
91) Dibenzo(a,h)anthracene	17.009	278	451973	40.237 ng	98
92) Benzo(g,h,i)perylene	17.457	276	418030	36.565 ng	100

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

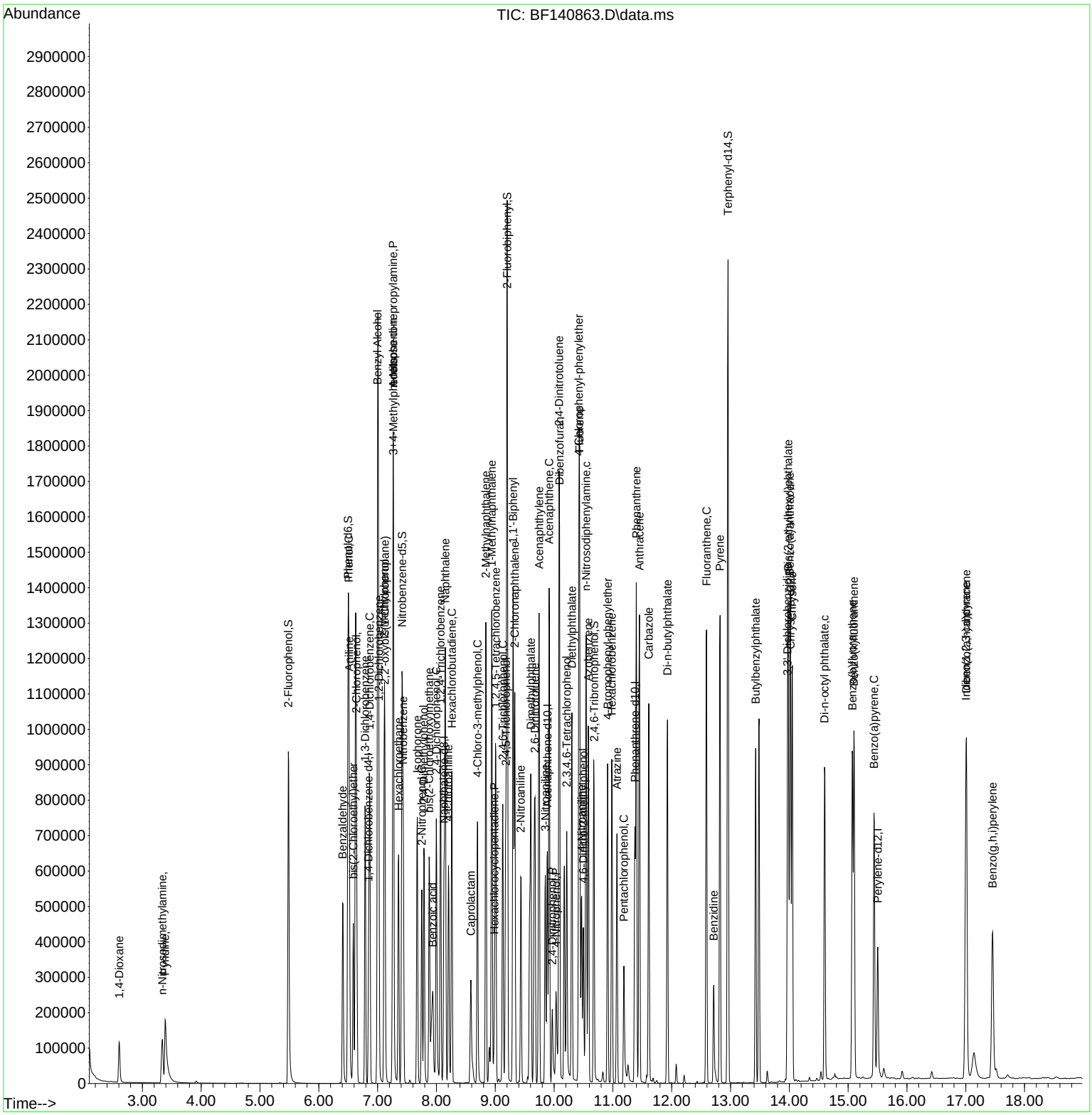
Quantitation Report (QT Reviewed)

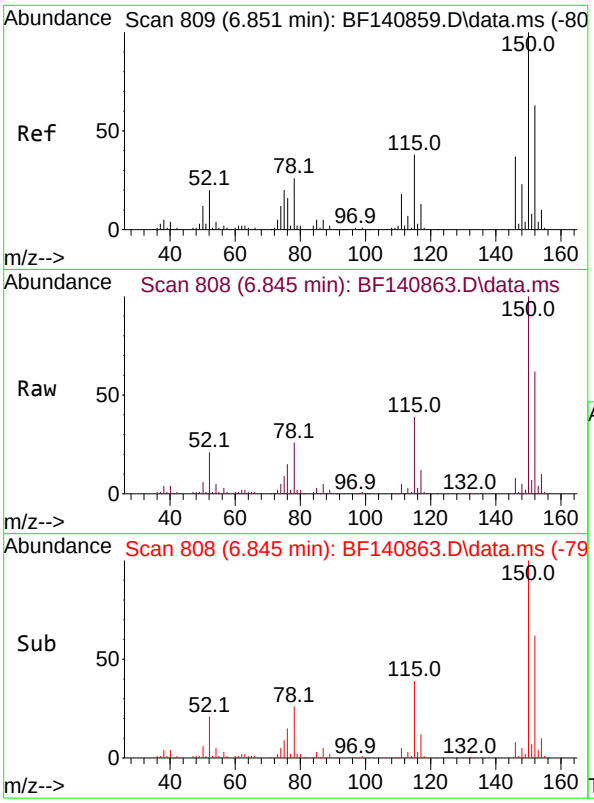
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140863.D
Acq On : 16 Dec 2024 16:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Quant Time: Dec 16 17:02:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



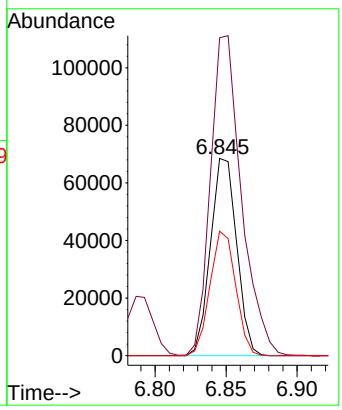


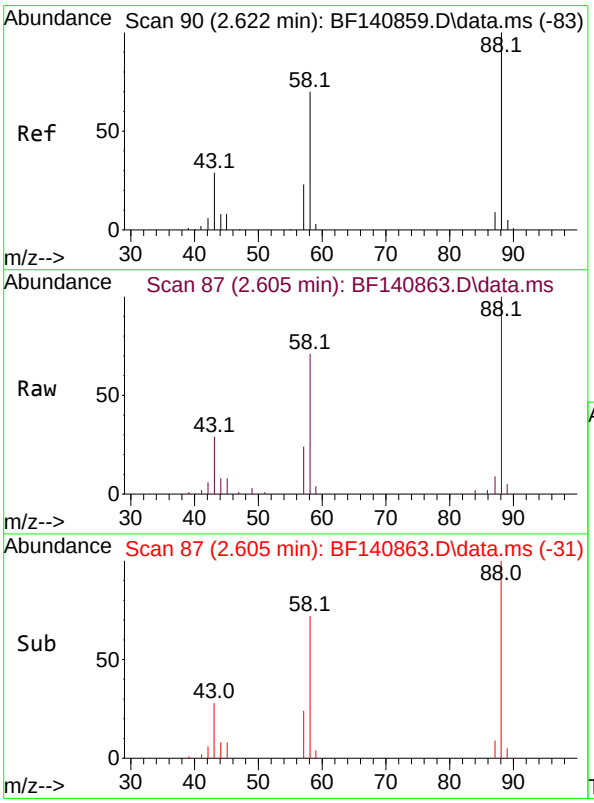
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:152 Resp: 88035

Ion	Ratio	Lower	Upper
152	100		
150	161.2	127.9	191.9
115	63.1	48.0	72.0

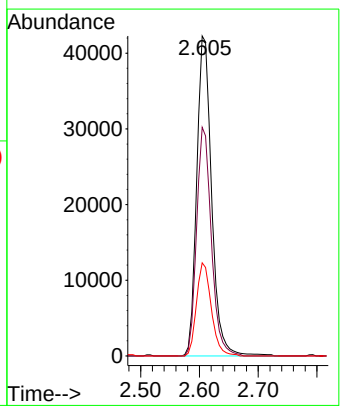


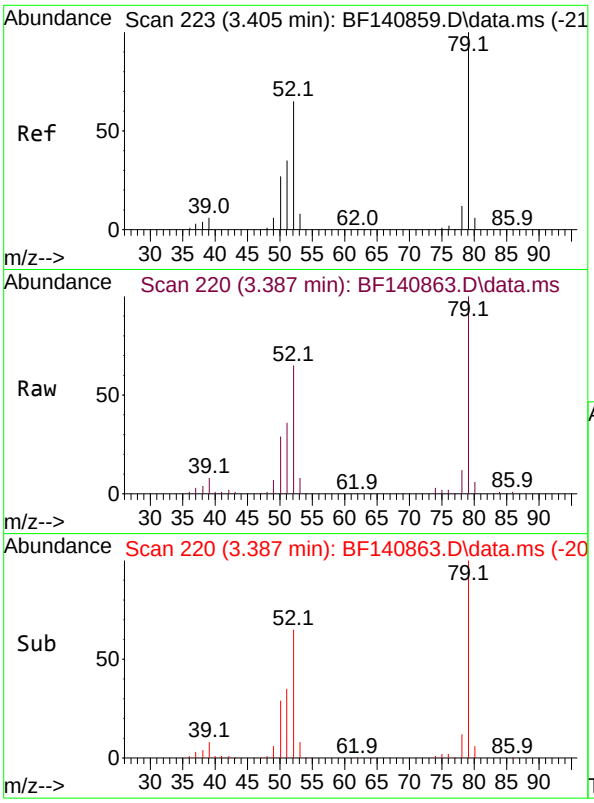


#2
1,4-Dioxane
Concen: 32.360 ng
RT: 2.605 min Scan# 87
Delta R.T. -0.018 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 88 Resp: 74540

Ion	Ratio	Lower	Upper
88	100		
58	70.6	55.8	83.8
43	29.0	22.7	34.1



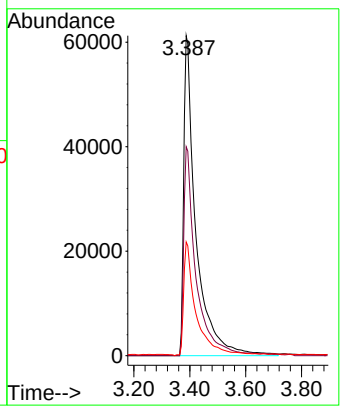


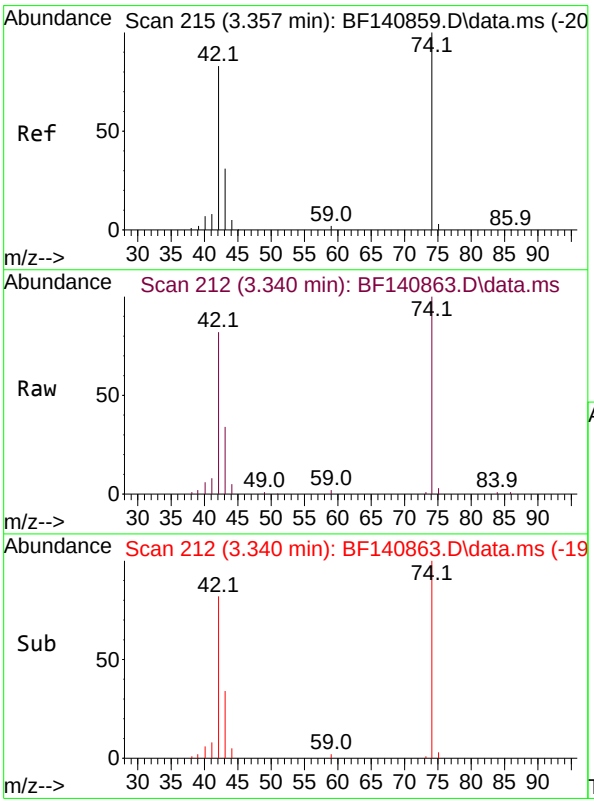
#3
Pyridine
Concen: 34.882 ng
RT: 3.387 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion: 79 Resp: 186082

Ion	Ratio	Lower	Upper
79	100		
52	65.3	51.7	77.5
51	35.5	28.2	42.4

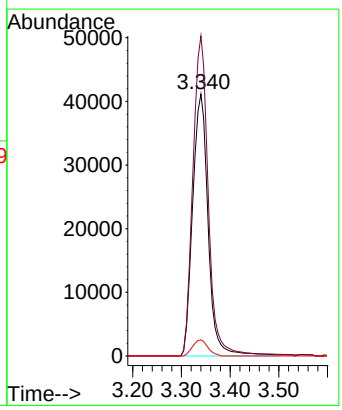


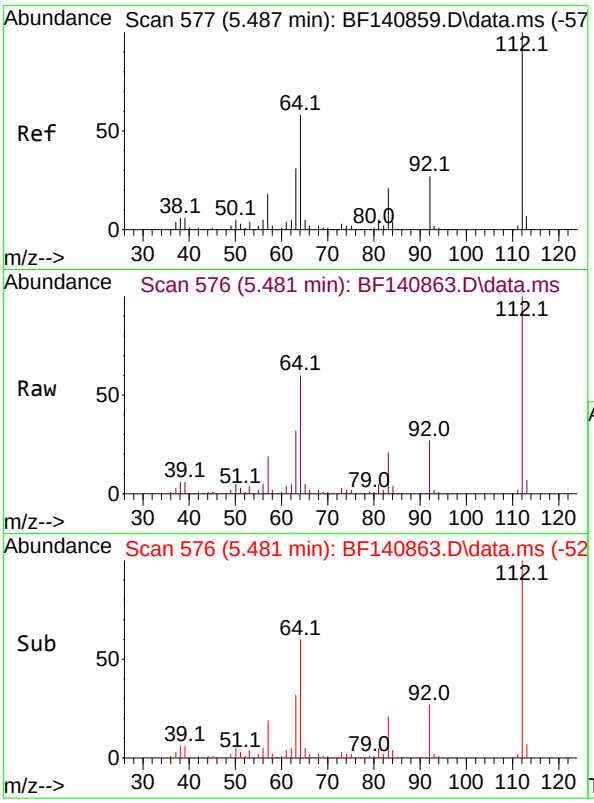


#4
n-Nitrosodimethylamine
Concen: 33.984 ng
RT: 3.340 min Scan# 212
Delta R.T. -0.018 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 42 Resp: 91392

Ion	Ratio	Lower	Upper
42	100		
74	122.2	96.9	145.3
44	6.2	4.4	6.6



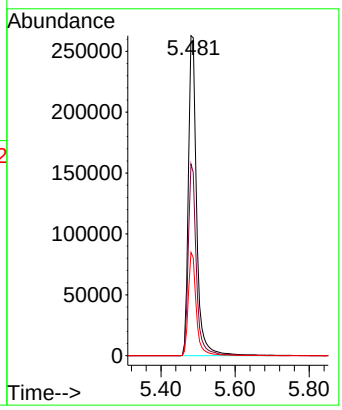


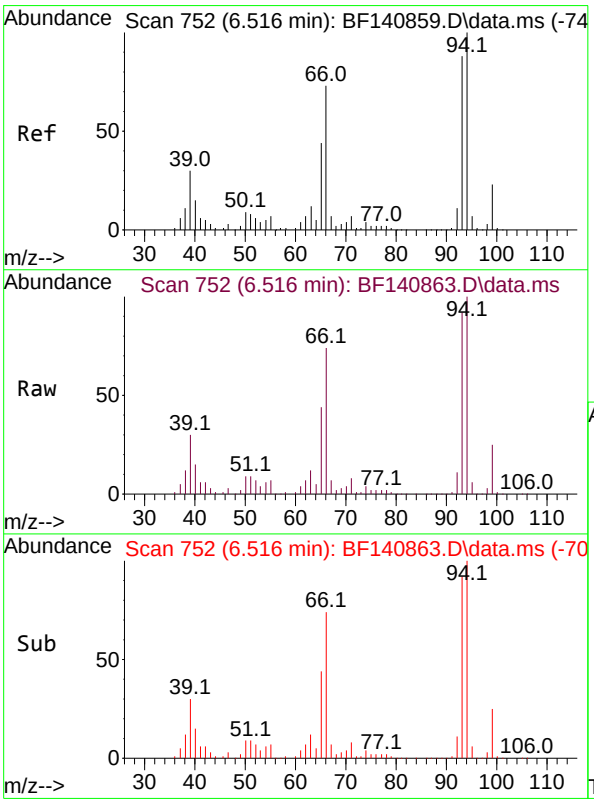
#5
2-Fluorophenol
Concen: 76.184 ng
RT: 5.481 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:112 Resp: 407420

Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.1	69.1
63	32.2	24.9	37.3

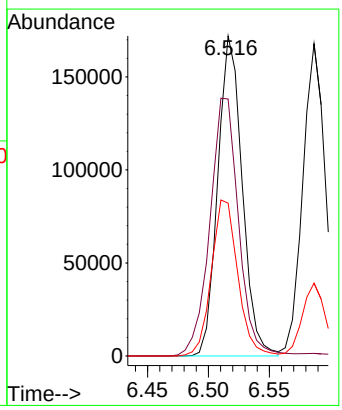


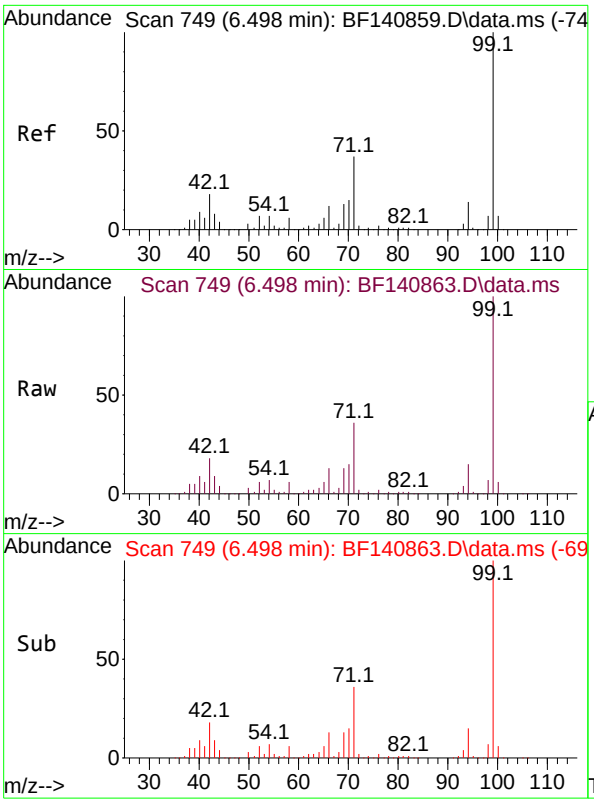


#6
Aniline
Concen: 39.644 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 93 Resp: 240098

Ion	Ratio	Lower	Upper
93	100		
66	80.3	67.0	100.4
65	47.8	40.4	60.6



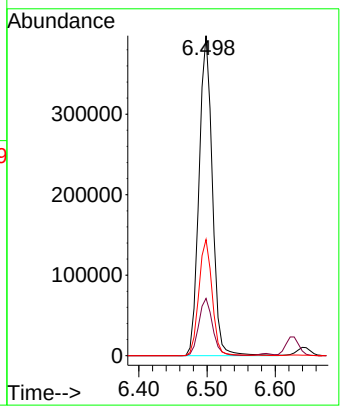


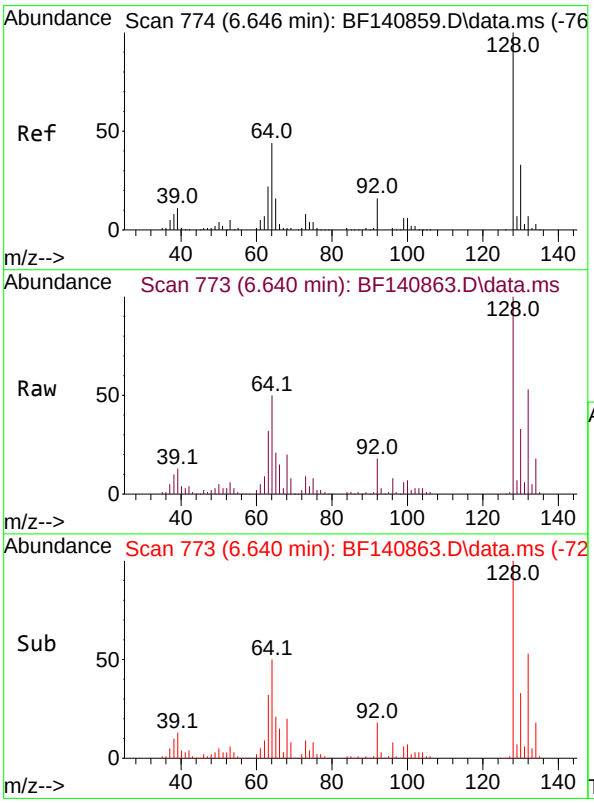
#7
Phenol-d6
Concen: 76.229 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion: 99 Resp: 539951

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.3	21.5
71	36.3	29.9	44.9

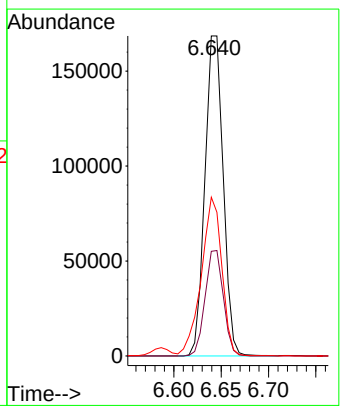


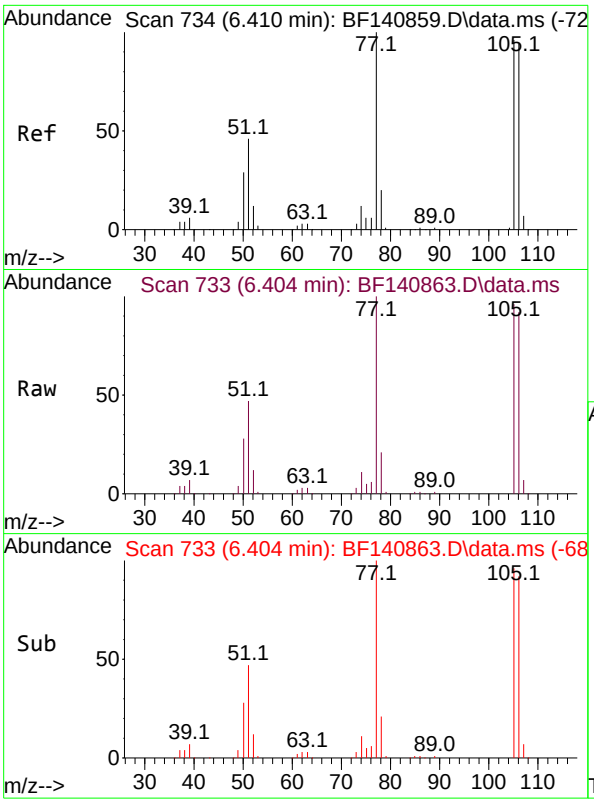


#8
2-Chlorophenol
Concen: 38.761 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:128 Resp: 226045

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	49.6	24.3	64.3



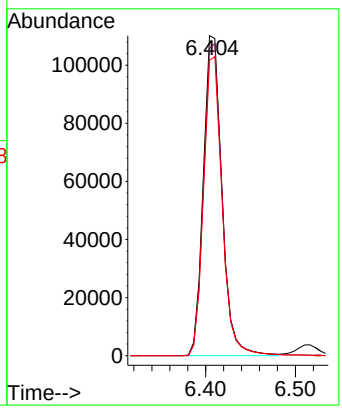


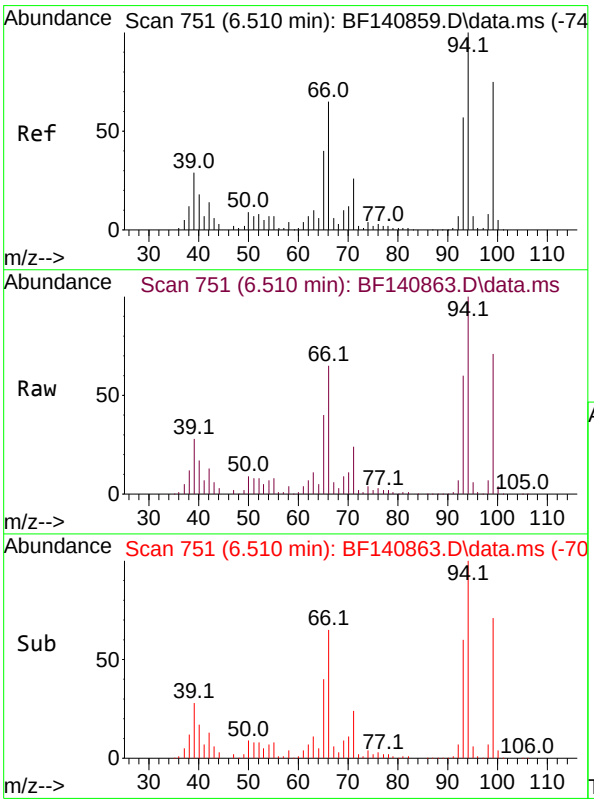
#9
Benzaldehyde
Concen: 40.491 ng
RT: 6.404 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion: 77 Resp: 158915

Ion	Ratio	Lower	Upper
77	100		
105	96.0	75.8	115.8
106	92.4	74.1	114.1

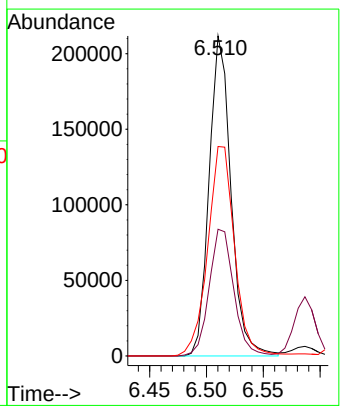


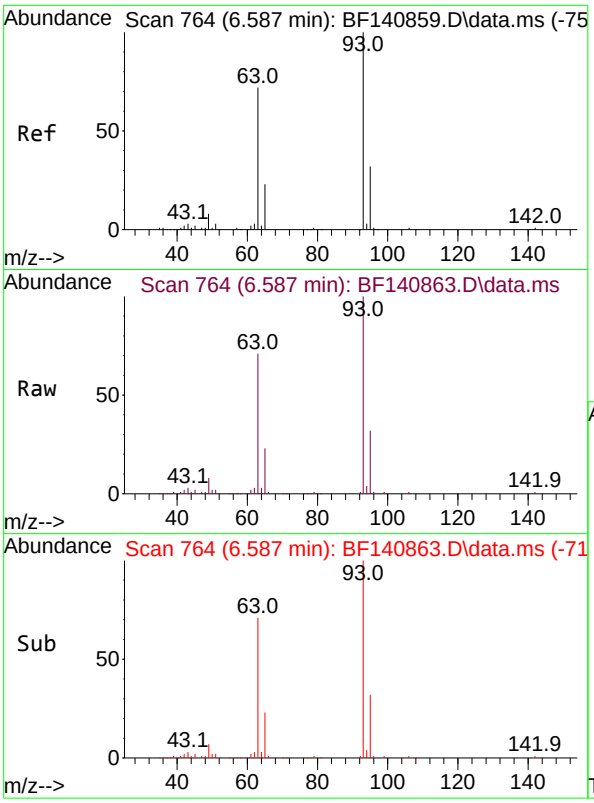


#10
Phenol
Concen: 38.683 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 94 Resp: 283984

Ion	Ratio	Lower	Upper
94	100		
65	39.6	19.9	59.9
66	65.4	45.6	85.6



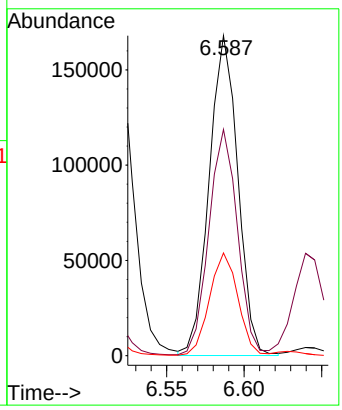


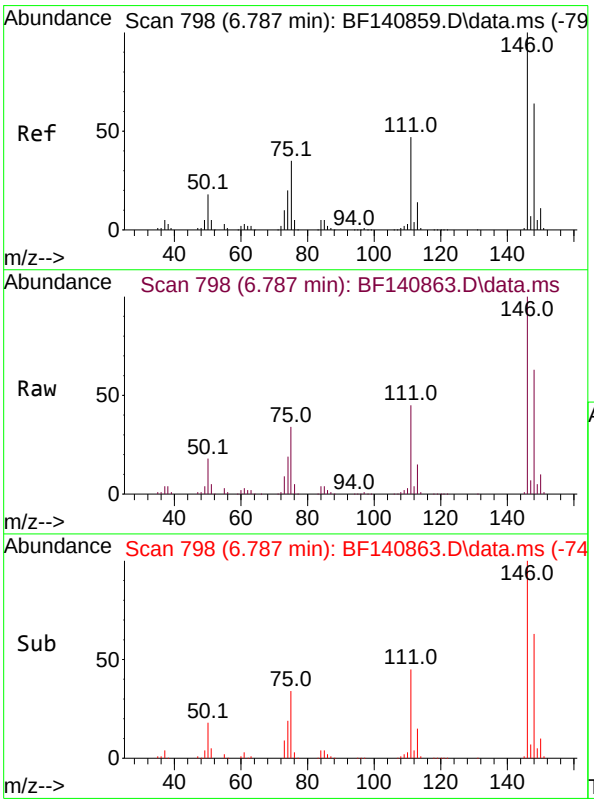
#11
bis(2-Chloroethyl)ether
Concen: 39.504 ng
RT: 6.587 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion: 93 Resp: 216280

Ion	Ratio	Lower	Upper
93	100		
63	70.7	51.0	91.0
95	32.1	12.0	52.0

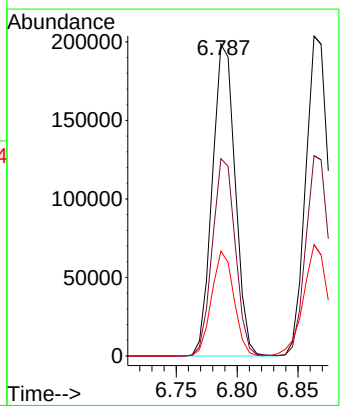


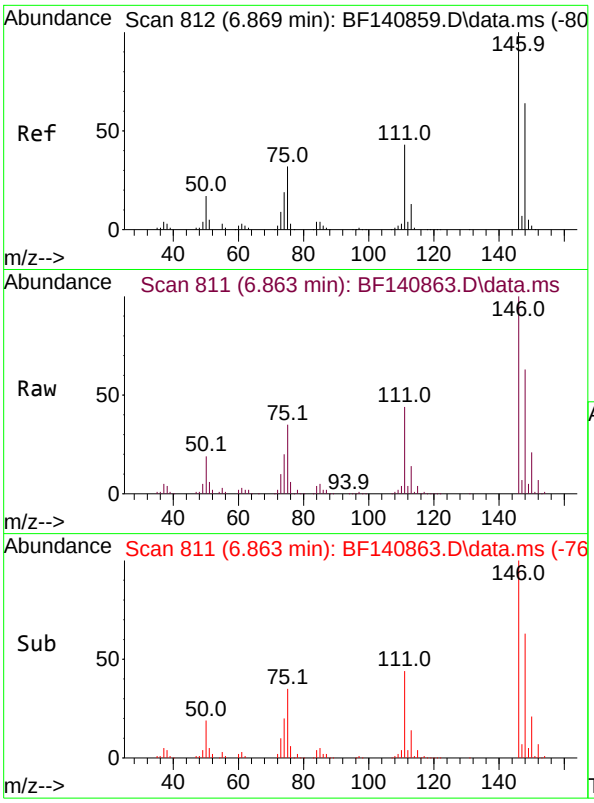


#12
1,3-Dichlorobenzene
Concen: 39.111 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:146 Resp: 259904

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.6
75	33.6	28.1	42.1



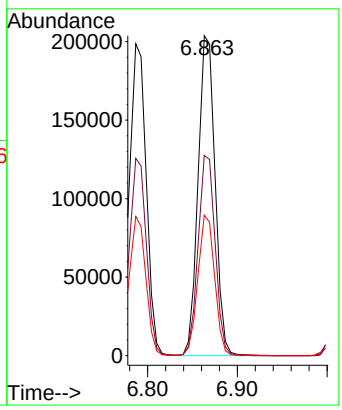


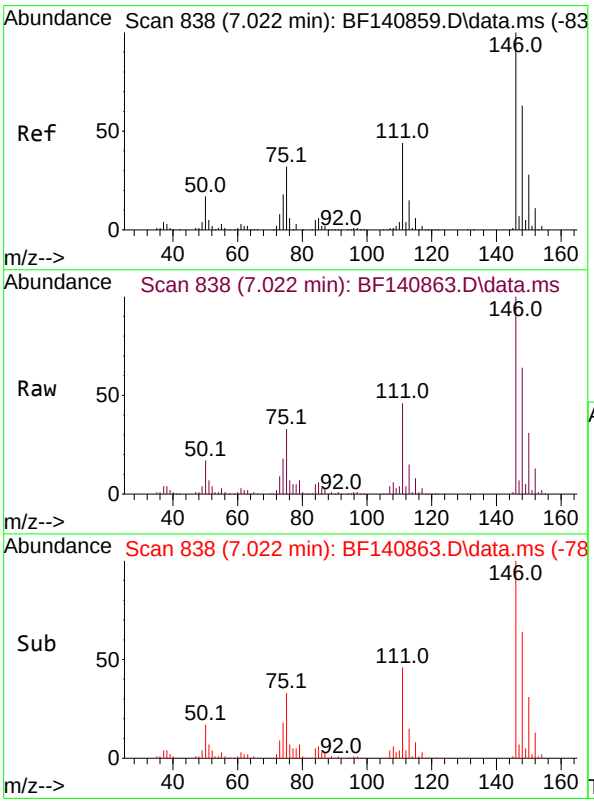
#13
1,4-Dichlorobenzene
Concen: 39.745 ng
RT: 6.863 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:146 Resp: 268094

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.3	76.9
111	43.9	34.4	51.6

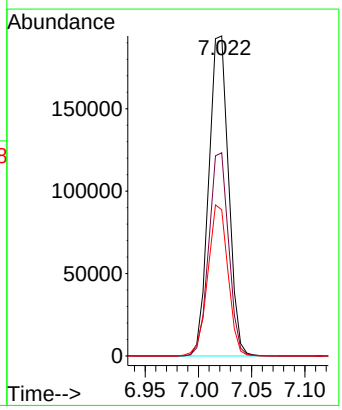


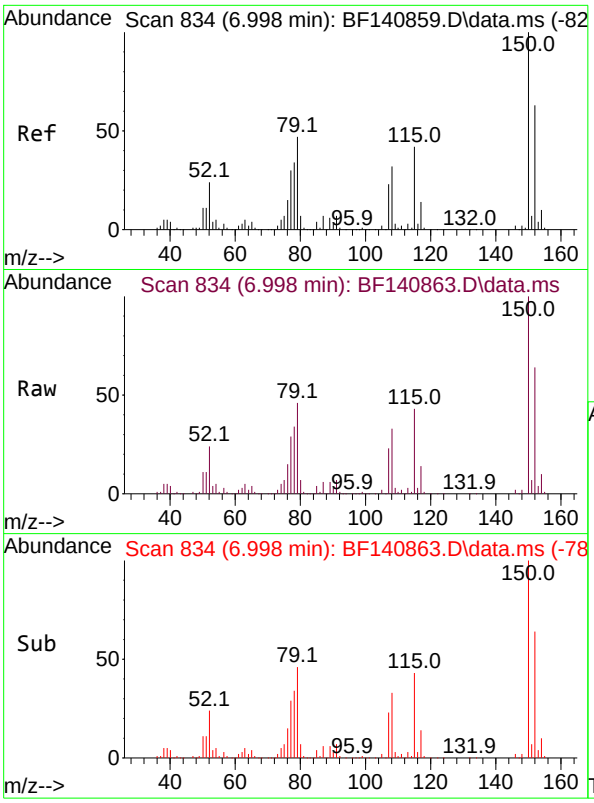


#14
1,2-Dichlorobenzene
Concen: 39.527 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:146 Resp: 251561

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.0	75.0
111	45.7	35.6	53.4



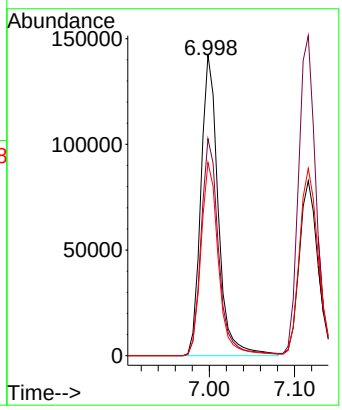


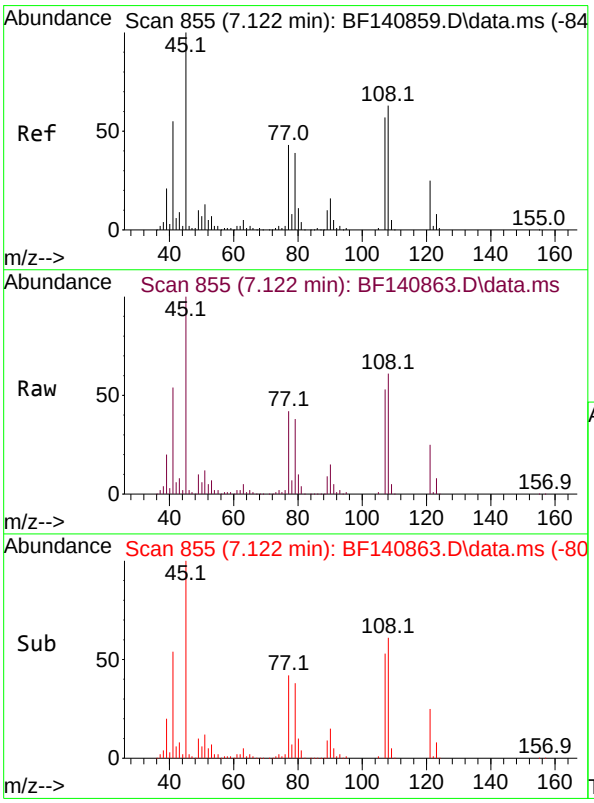
#15
Benzyl Alcohol
Concen: 39.782 ng
RT: 6.998 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion: 79 Resp: 201477

Ion	Ratio	Lower	Upper
79	100		
108	72.1	55.1	82.7
77	64.2	50.6	76.0

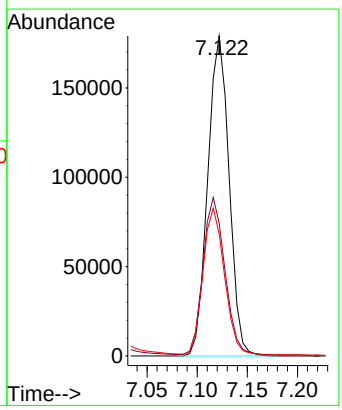


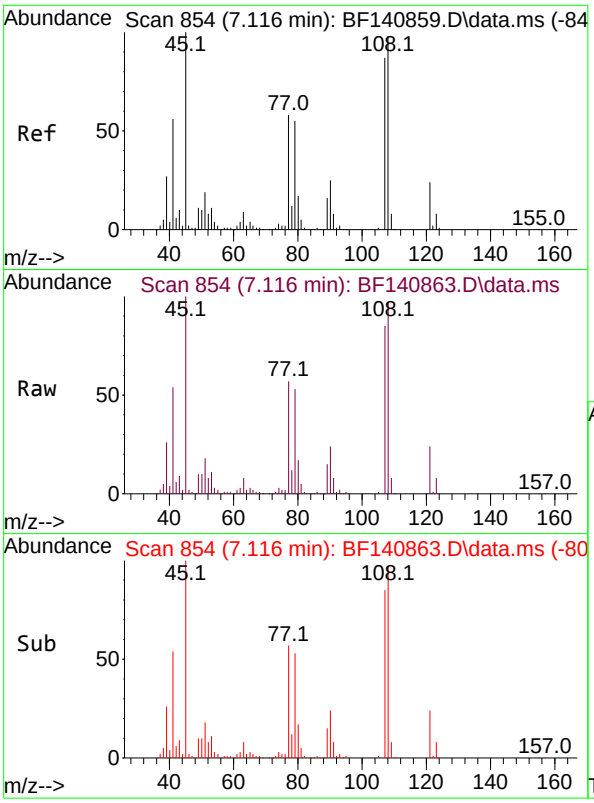


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.970 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 45 Resp: 264233

Ion	Ratio	Lower	Upper
45	100		
77	41.6	23.3	63.3
79	38.2	20.0	60.0



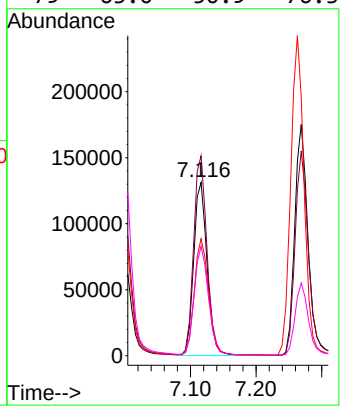


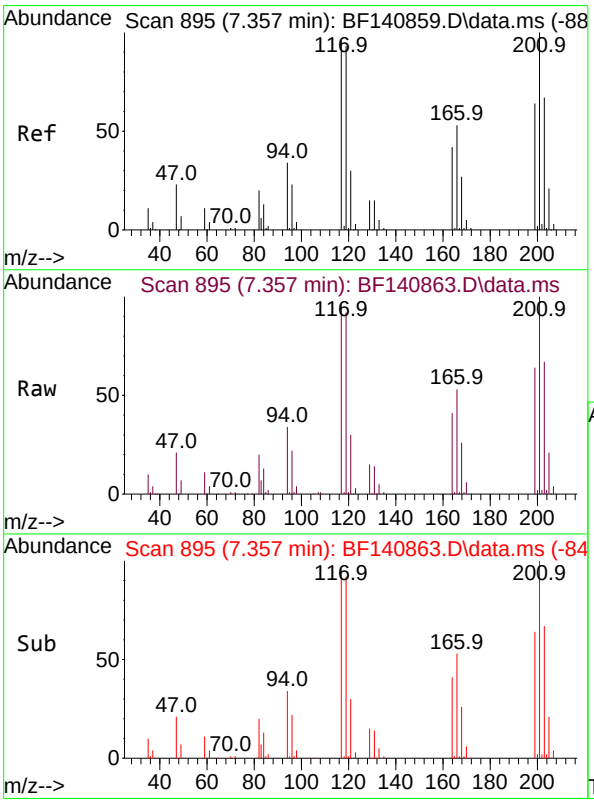
#17
2-Methylphenol
Concen: 40.189 ng
RT: 7.116 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:107 Resp: 187119

Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.2	135.4
77	67.5	53.8	80.6
79	63.0	50.9	76.3

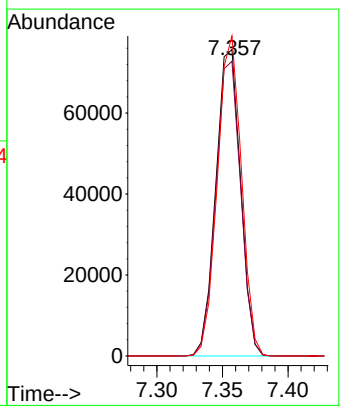


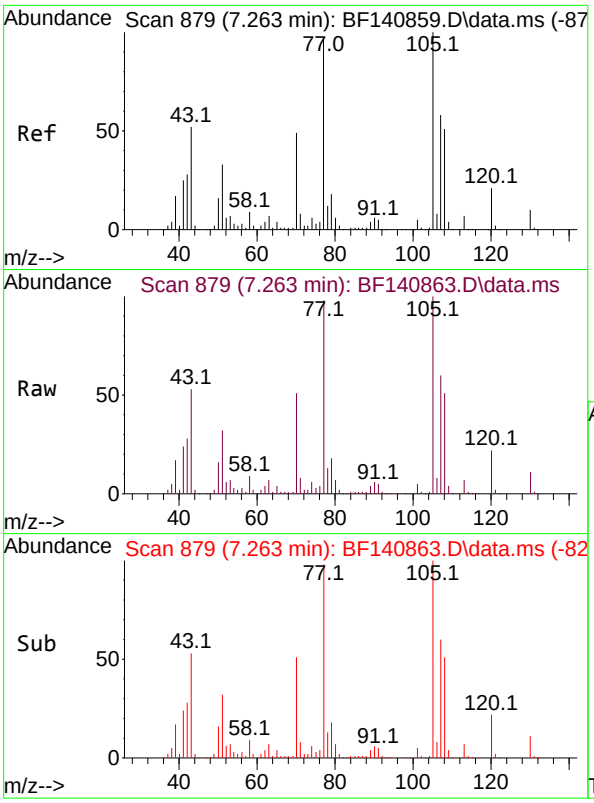


#18
Hexachloroethane
Concen: 39.568 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:117 Resp: 99360

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.0
201	104.5	83.4	125.0



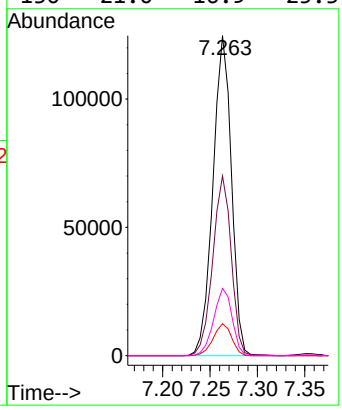


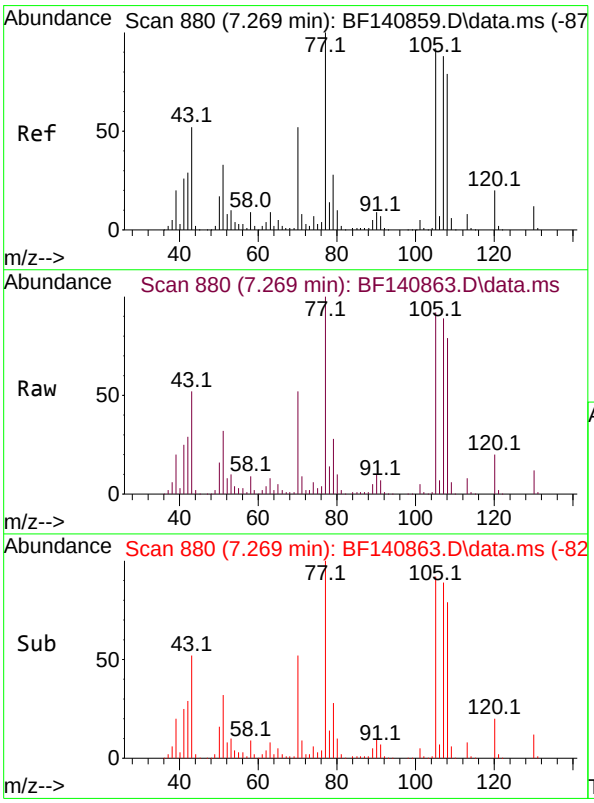
#19
n-Nitroso-di-n-propylamine
Concen: 39.861 ng
RT: 7.263 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion: 70 Resp: 169362

Ion	Ratio	Lower	Upper
70	100		
42	56.2	45.3	67.9
101	10.0	8.0	12.0
130	21.0	16.9	25.3

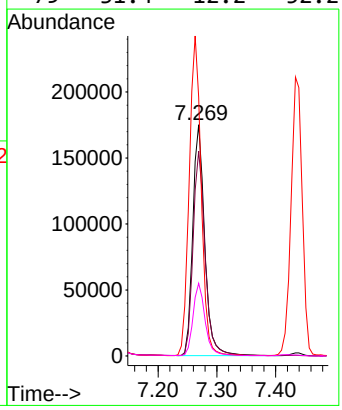


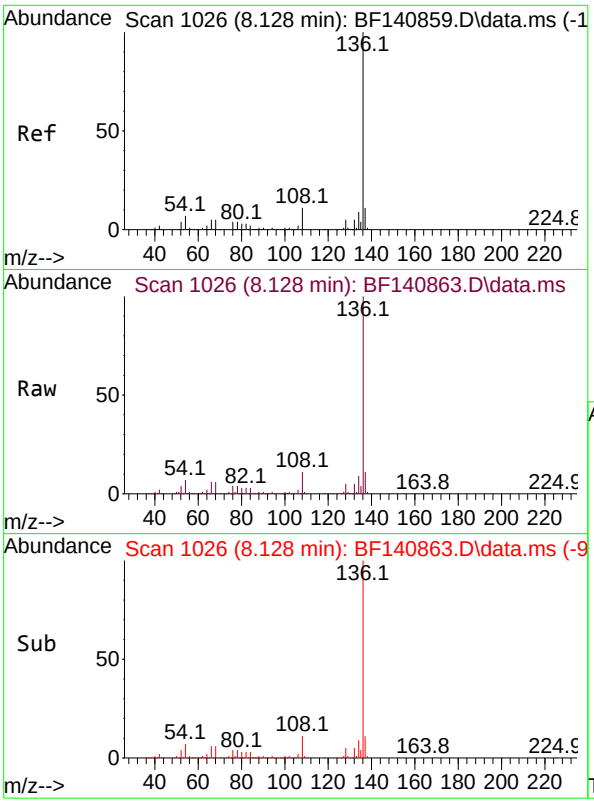


#20
3+4-Methylphenols
Concen: 39.995 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:107 Resp: 246929

Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.1	110.1
77	111.9	94.4	134.4
79	31.4	12.2	52.2



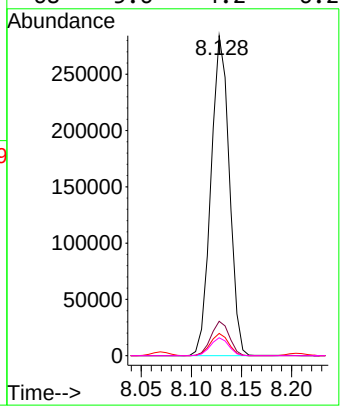


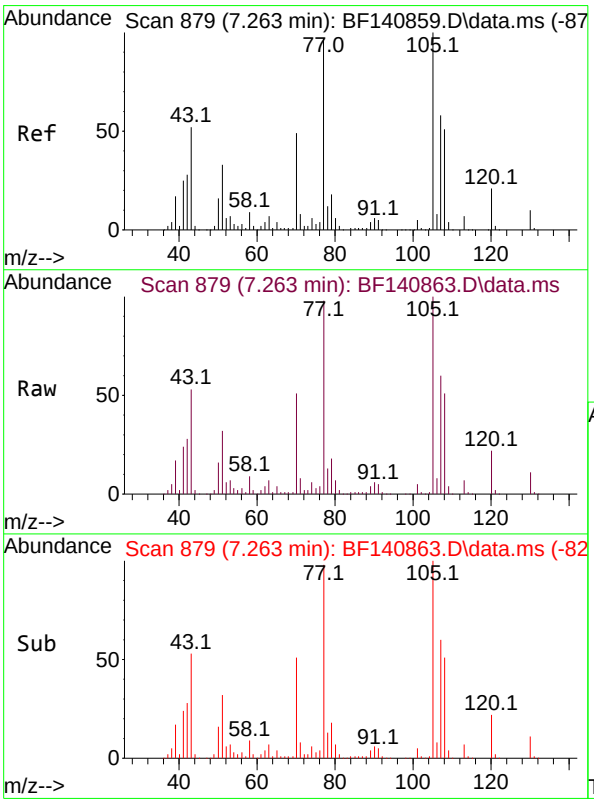
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:136 Resp: 361248

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	7.0	5.6	8.4
68	5.6	4.2	6.2

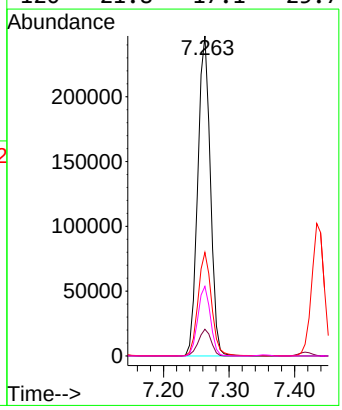


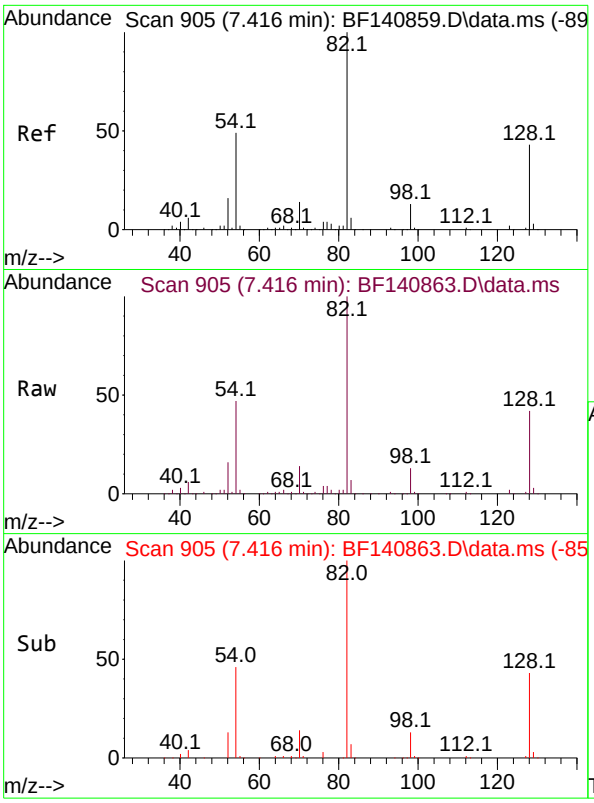


#22
Acetophenone
Concen: 36.536 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:105 Resp: 330166

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.2	9.4
51	32.3	26.3	39.5
120	21.8	17.1	25.7



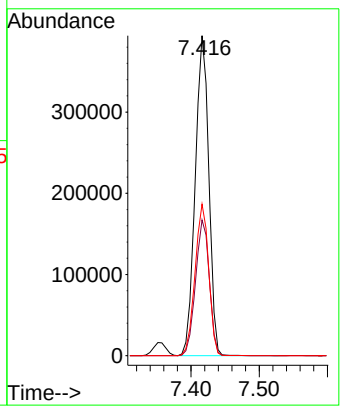


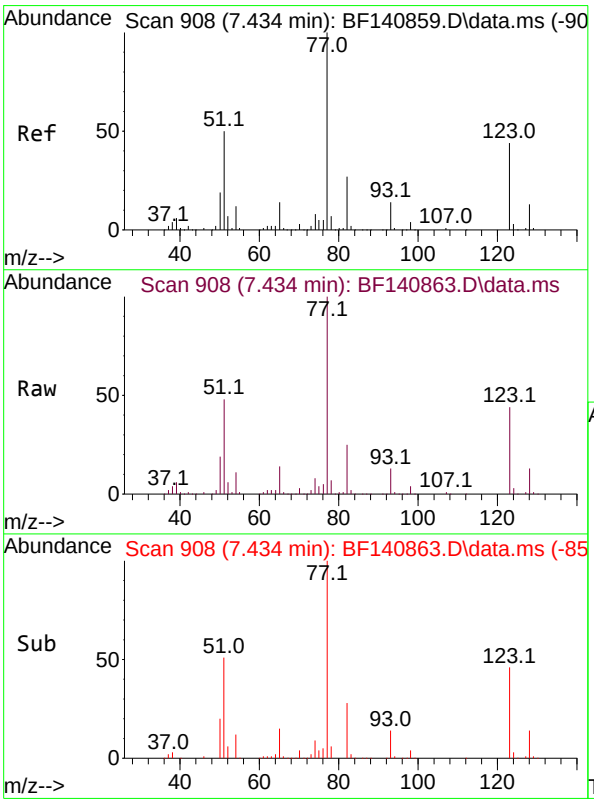
#23
Nitrobenzene-d5
Concen: 75.408 ng
RT: 7.416 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion: 82 Resp: 544482

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.4	51.6
54	47.4	38.8	58.2

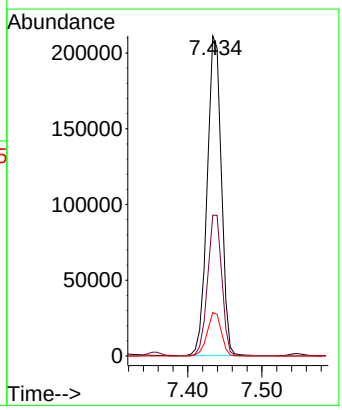


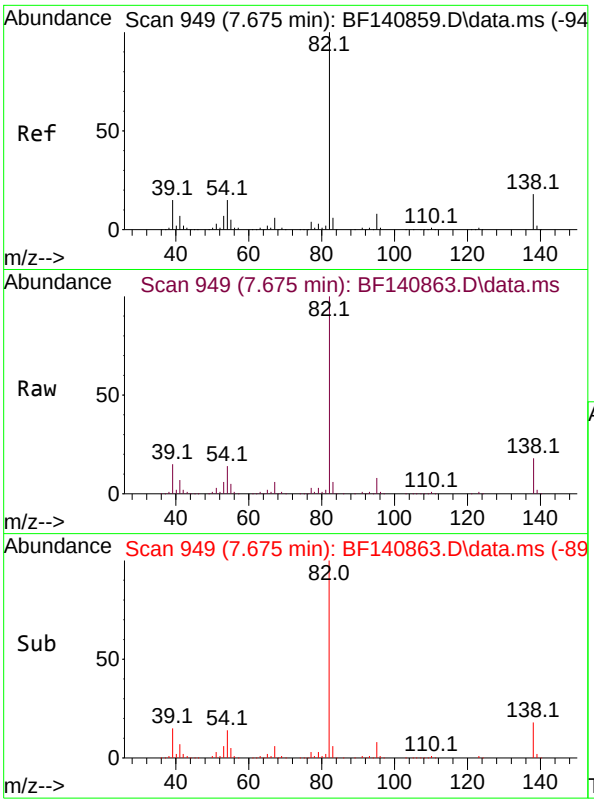


#24
Nitrobenzene
Concen: 37.836 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 77 Resp: 279878

Ion	Ratio	Lower	Upper
77	100		
123	44.0	35.0	52.4
65	13.6	11.4	17.0



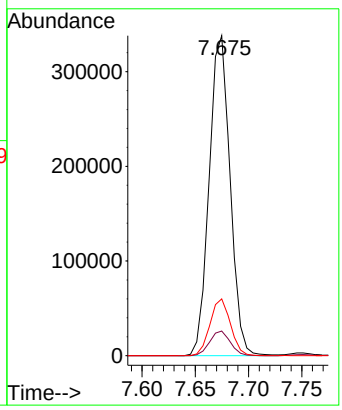


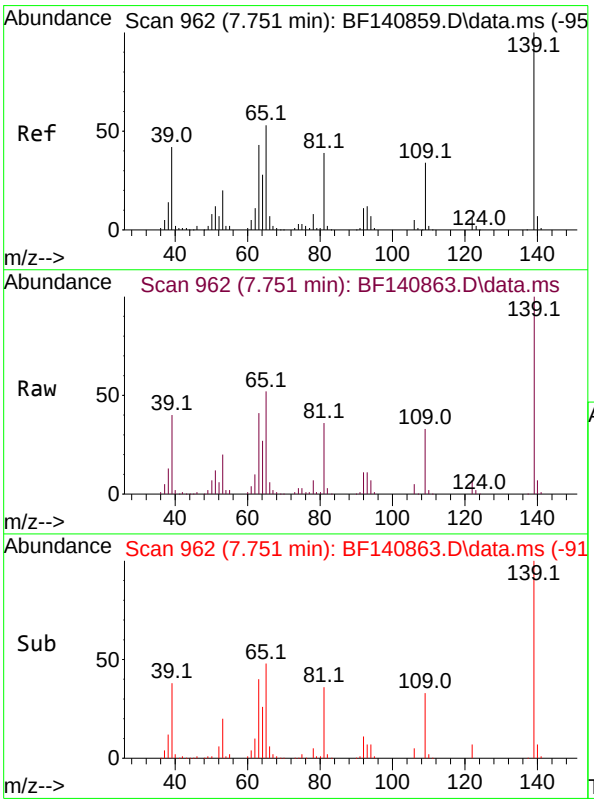
#25
Isophorone
Concen: 38.231 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion: 82 Resp: 462528

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.3	9.5
138	17.8	14.1	21.1

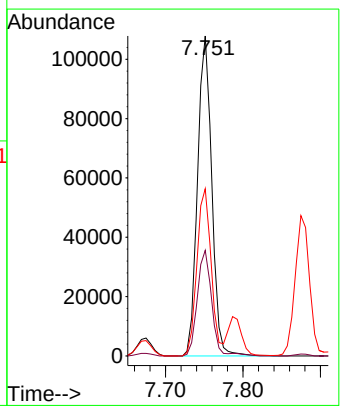


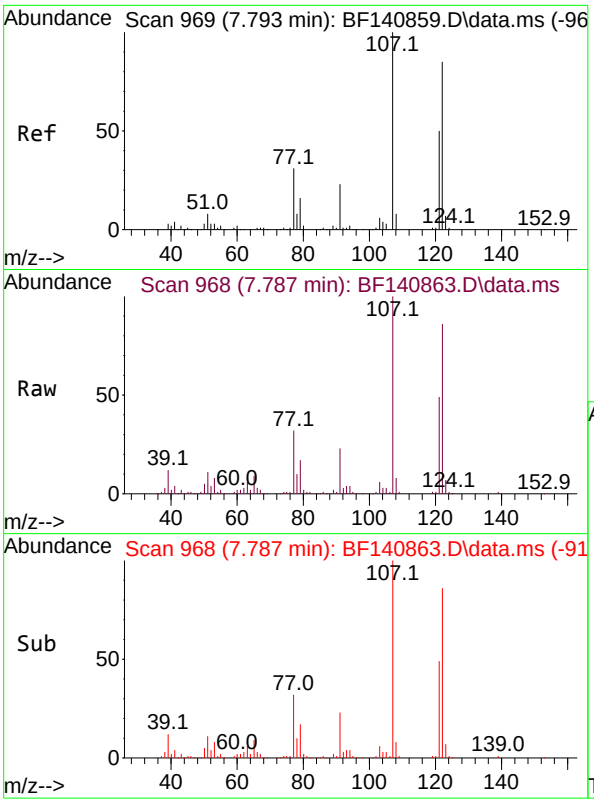


#26
2-Nitrophenol
Concen: 40.407 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:139 Resp: 137663

Ion	Ratio	Lower	Upper
139	100		
109	33.0	26.9	40.3
65	52.2	42.6	64.0



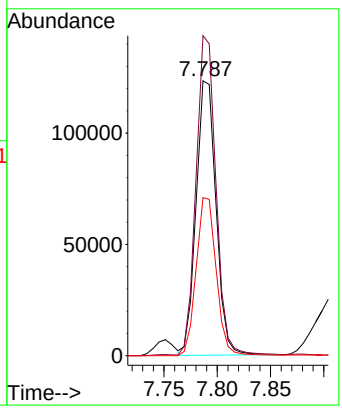


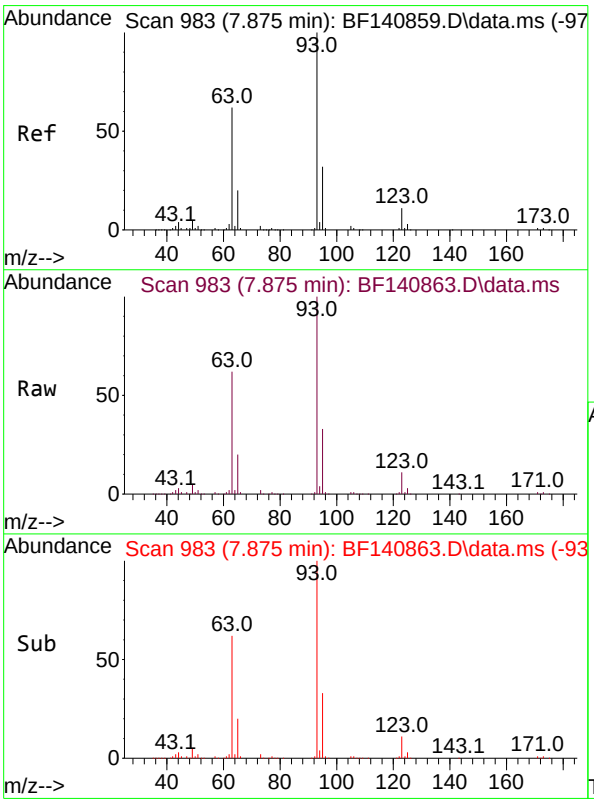
#27
2,4-Dimethylphenol
Concen: 40.466 ng
RT: 7.787 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:122 Resp: 161001

Ion	Ratio	Lower	Upper
122	100		
107	116.4	92.6	139.0
121	57.5	45.8	68.8

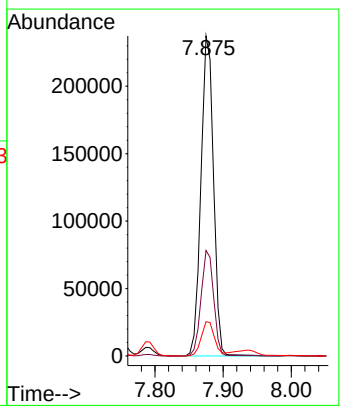


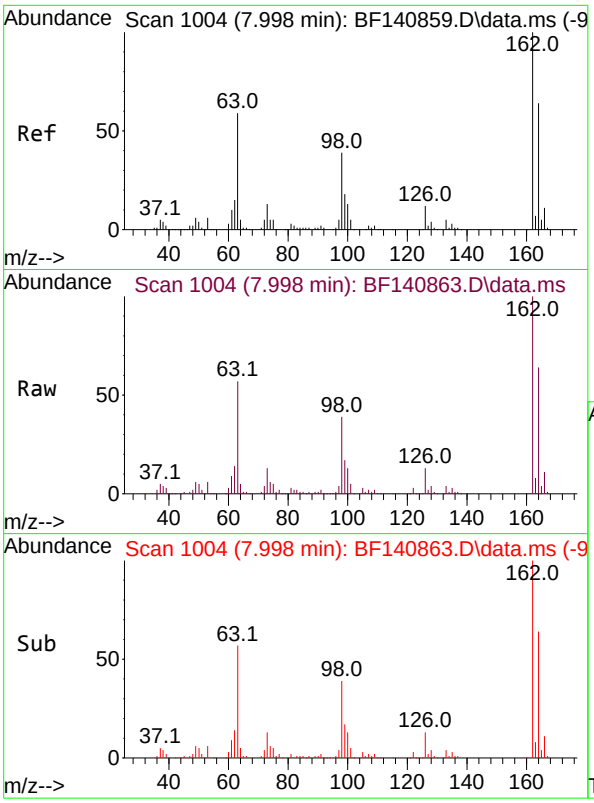


#28
bis(2-Chloroethoxy)methane
Concen: 40.334 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 93 Resp: 304778

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.3	37.9
123	10.7	8.6	13.0



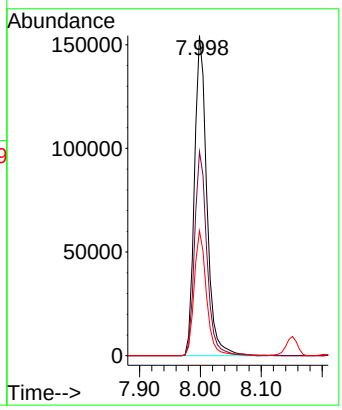


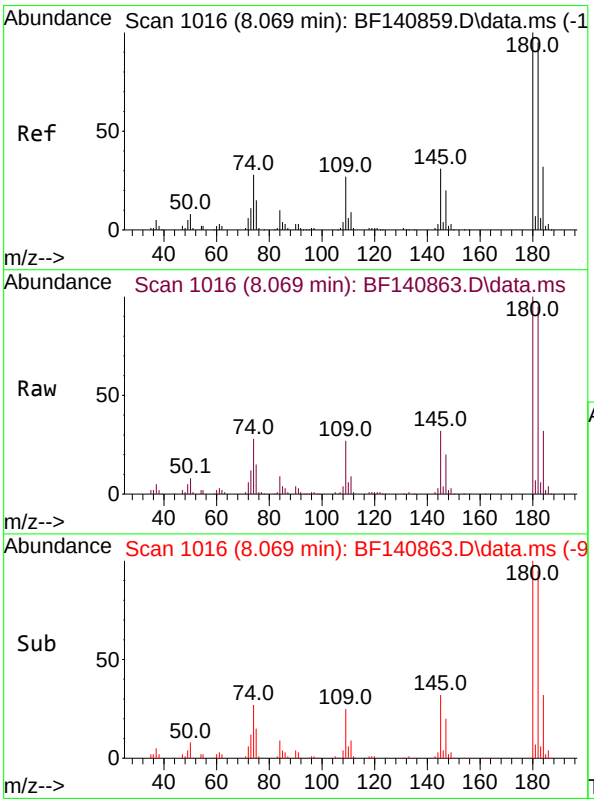
#29
2,4-Dichlorophenol
Concen: 39.658 ng
RT: 7.998 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:162 Resp: 217841

Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.7	83.7
98	39.0	18.6	58.6

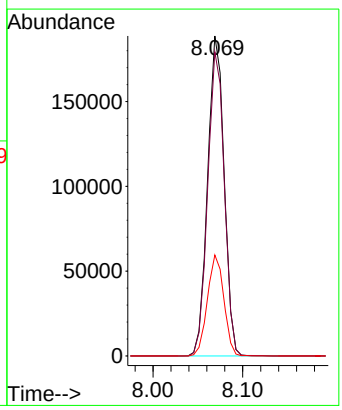


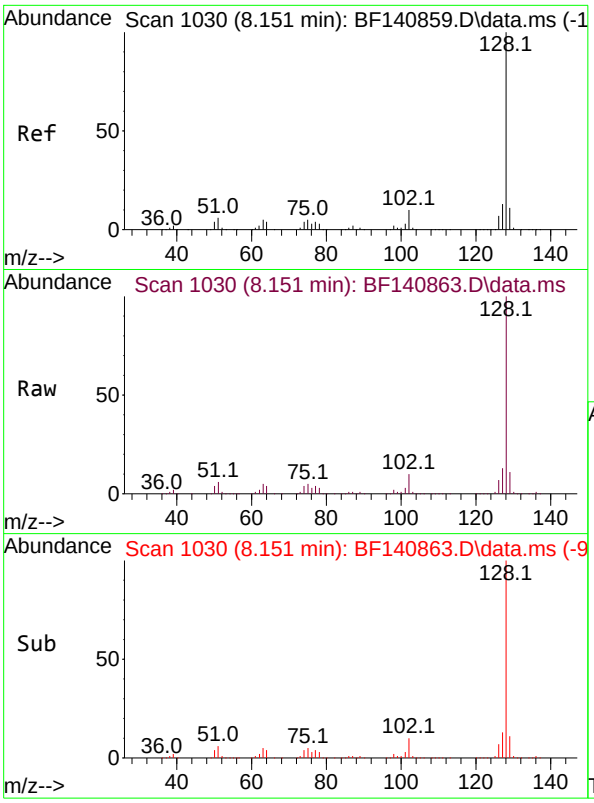


#30
1,2,4-Trichlorobenzene
Concen: 38.332 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:180 Resp: 241375

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	31.6	25.2	37.8



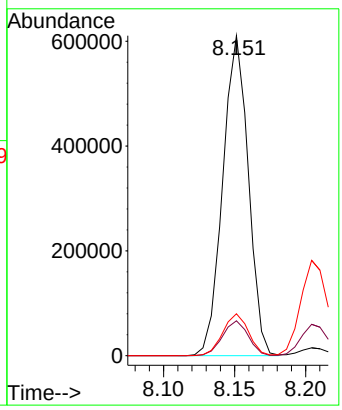


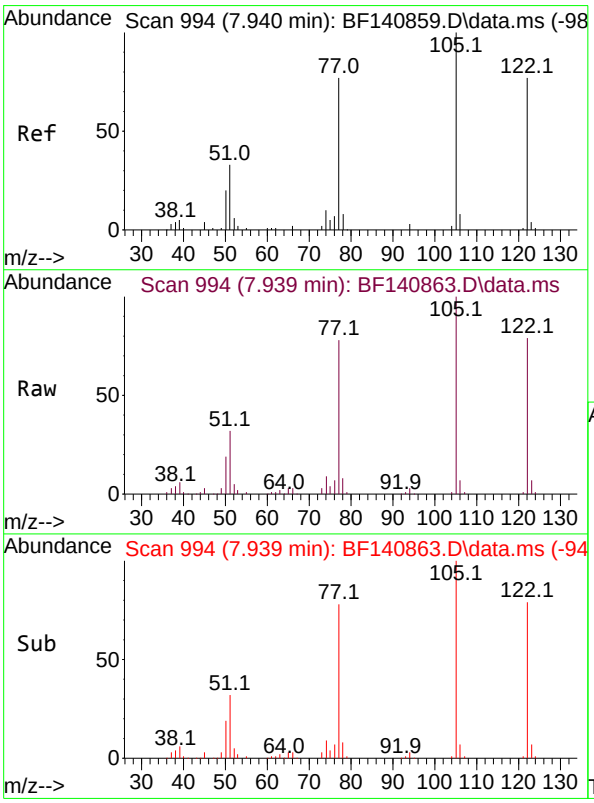
#31
Naphthalene
Concen: 38.473 ng
RT: 8.151 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:128 Resp: 763453

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.1	10.6	16.0

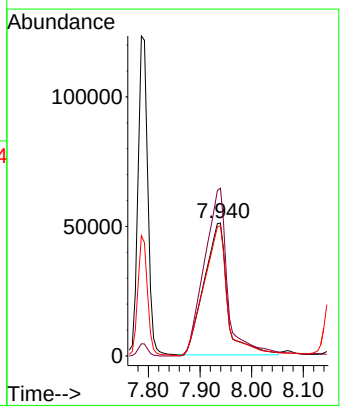


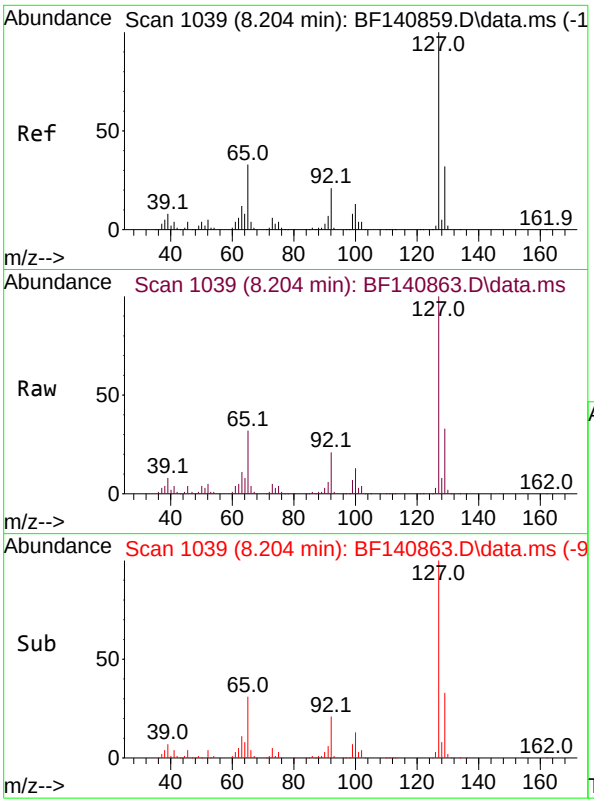


#32
Benzoic acid
Concen: 42.351 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.001 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:122 Resp: 159806

Ion	Ratio	Lower	Upper
122	100		
105	126.3	108.3	148.3
77	98.0	78.8	118.8



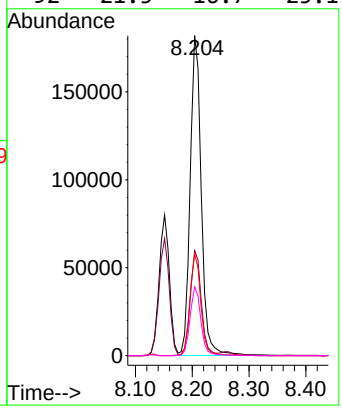


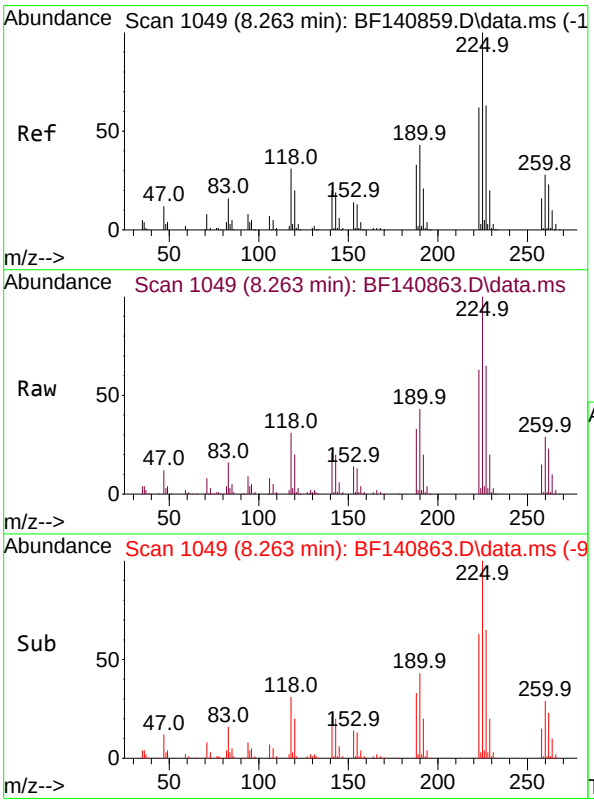
#33
4-Chloroaniline
Concen: 37.650 ng
RT: 8.204 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:127 Resp: 248138

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.0	39.0
65	31.9	26.0	39.0
92	21.5	16.7	25.1

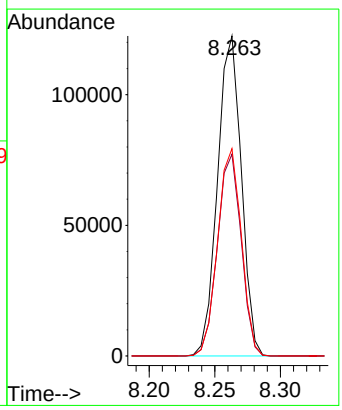


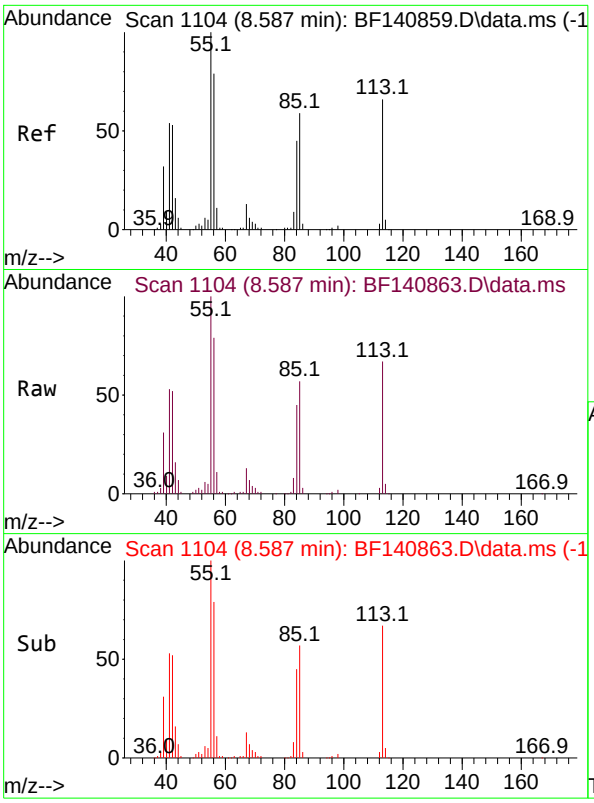


#34
Hexachlorobutadiene
Concen: 36.462 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:225 Resp: 154475

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.6	74.4
227	64.8	50.7	76.1



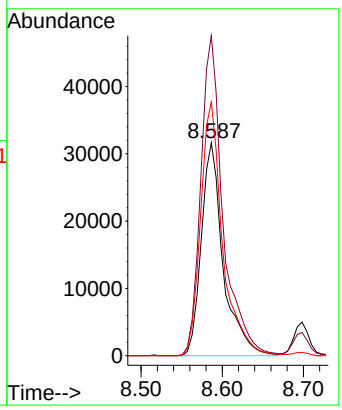


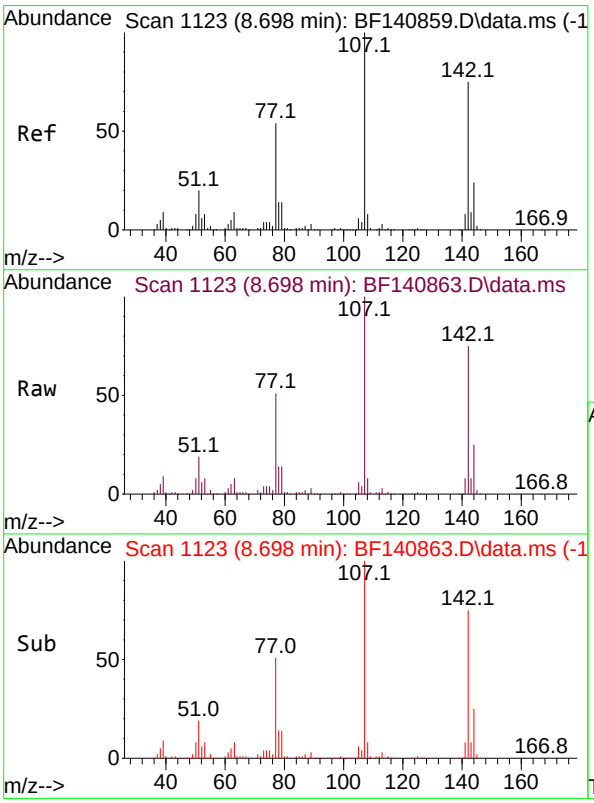
#35
Caprolactam
Concen: 36.113 ng
RT: 8.587 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:113 Resp: 59056

Ion	Ratio	Lower	Upper
113	100		
55	150.3	132.3	172.3
56	119.1	100.3	140.3

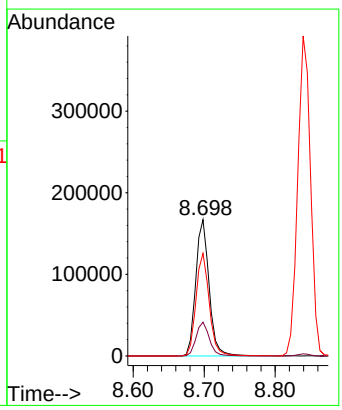


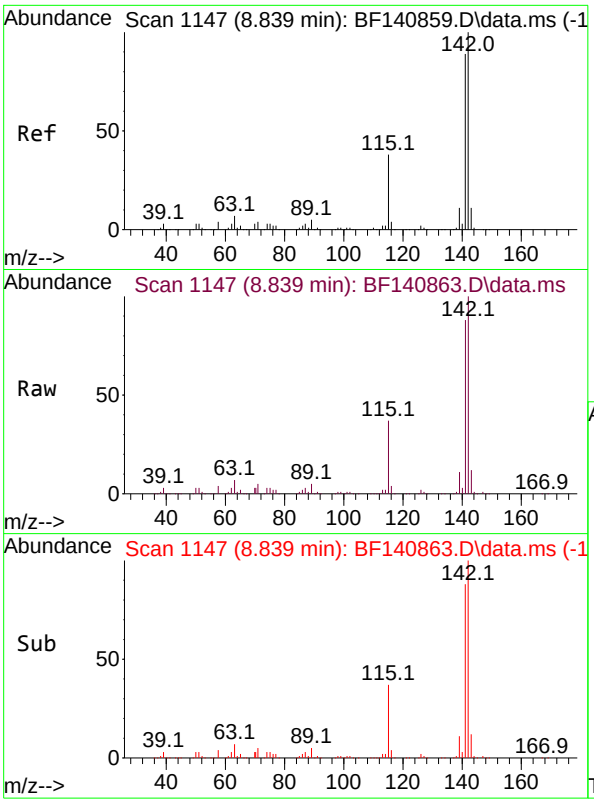


#36
4-Chloro-3-methylphenol
Concen: 35.477 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:107 Resp: 219338

Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.4	29.2
142	75.3	60.3	90.5



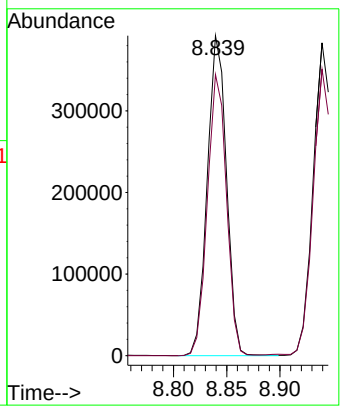


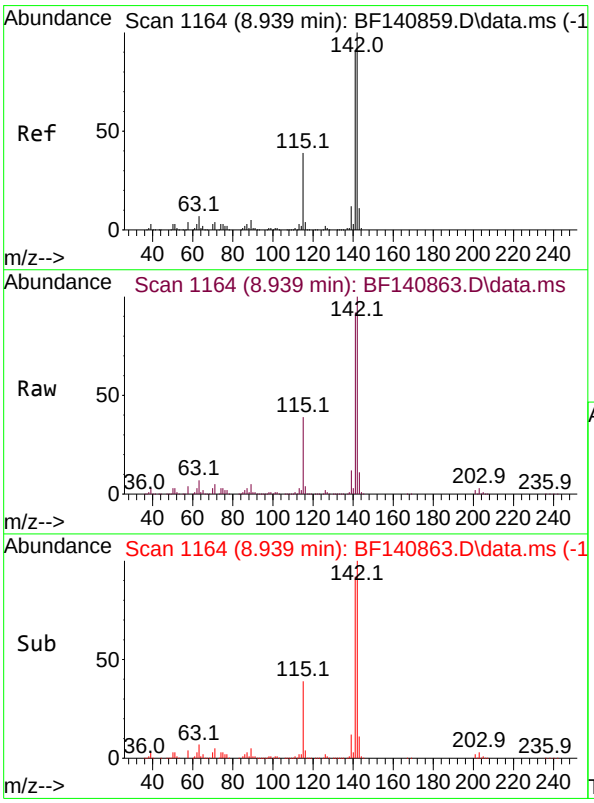
#37
2-Methylnaphthalene
Concen: 37.337 ng
RT: 8.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:142 Resp: 490114

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6

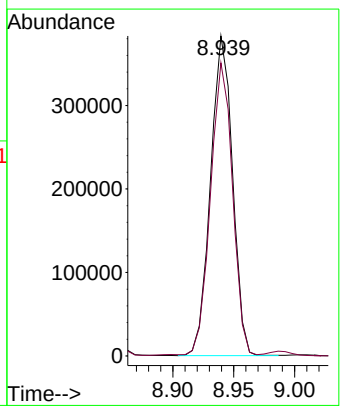


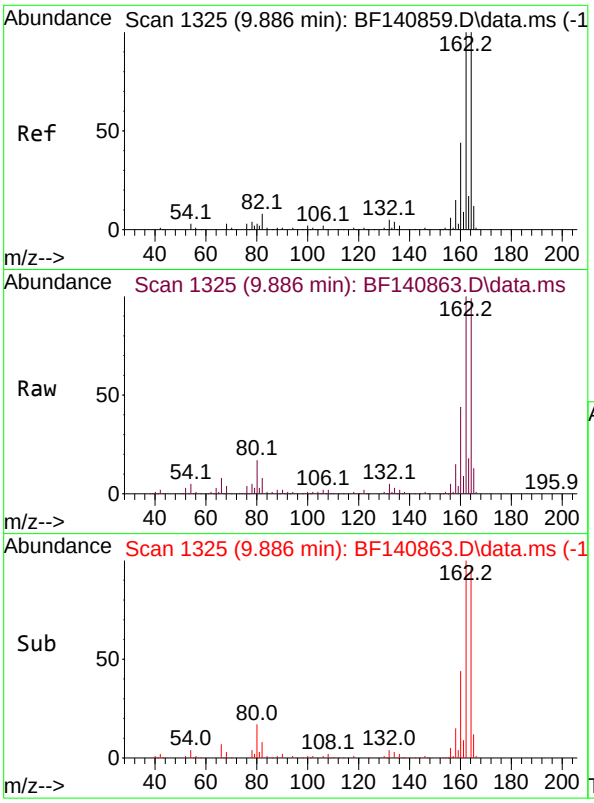


#38
1-Methylnaphthalene
Concen: 36.969 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:142 Resp: 479930

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.4	110.0



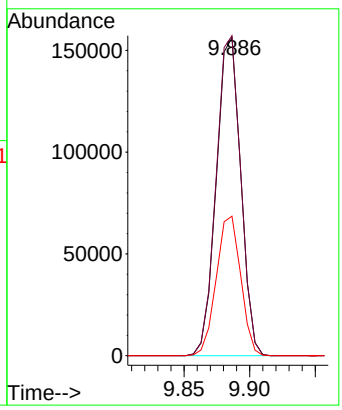


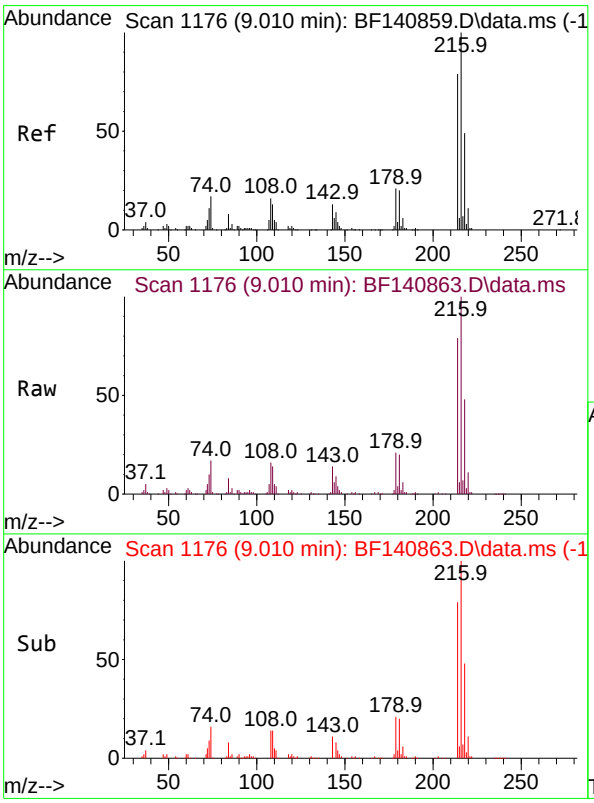
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:164 Resp: 202013

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.9	119.9
160	43.9	35.2	52.8

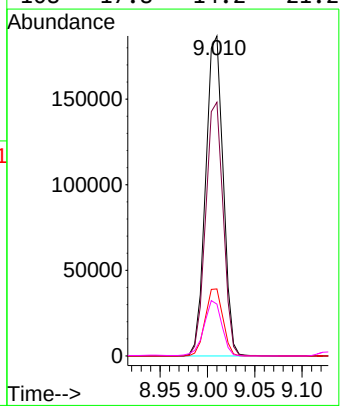


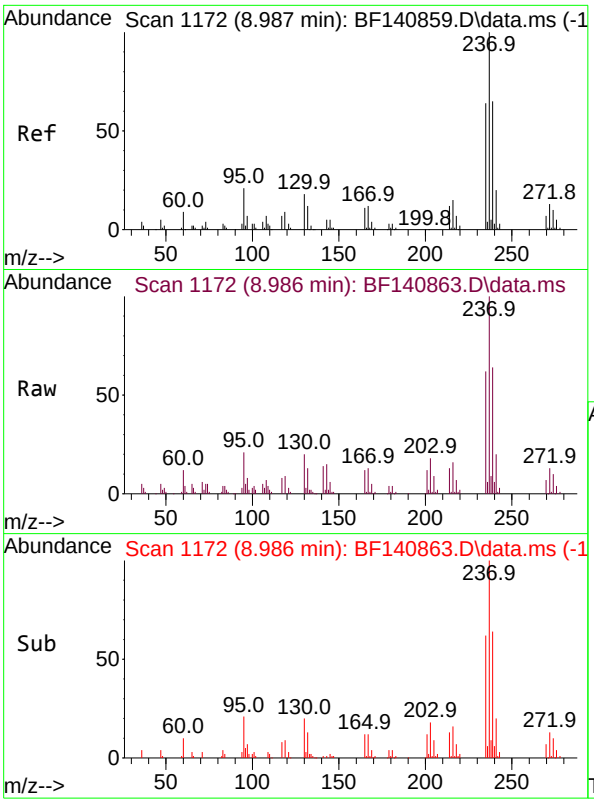


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.668 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:216 Resp: 240096

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.6	95.4
179	21.1	17.0	25.4
108	17.8	14.2	21.2



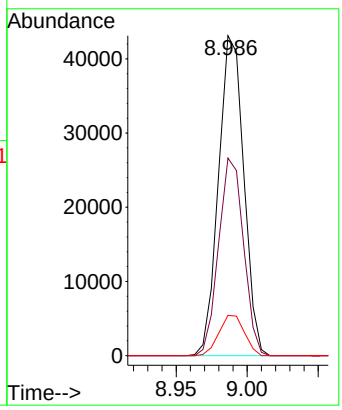


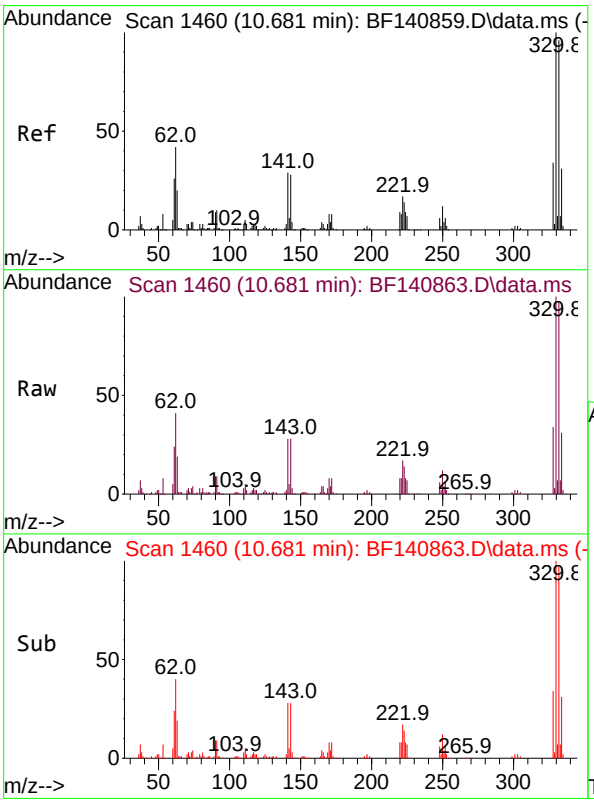
#41
Hexachlorocyclopentadiene
Concen: 37.672 ng
RT: 8.986 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:237 Resp: 53352

Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.7	83.7
272	12.6	0.0	32.9

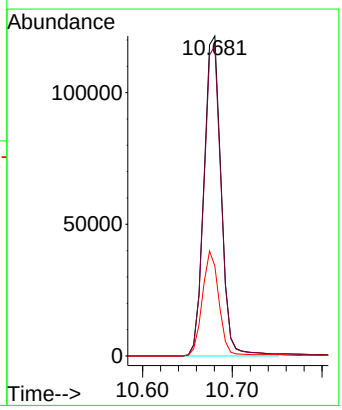


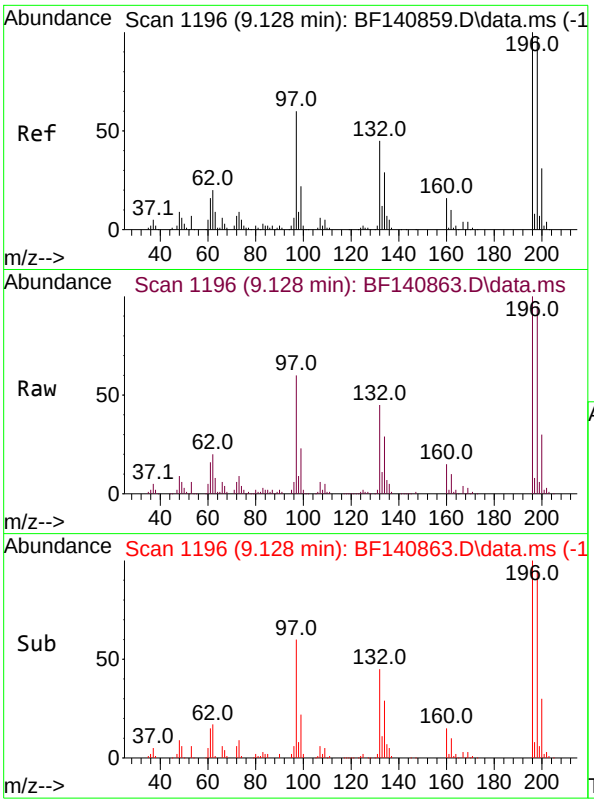


#42
2,4,6-Tribromophenol
Concen: 67.791 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:330 Resp: 161969

Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.2	114.4
141	31.6	24.9	37.3



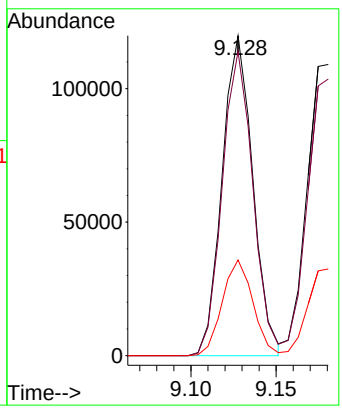


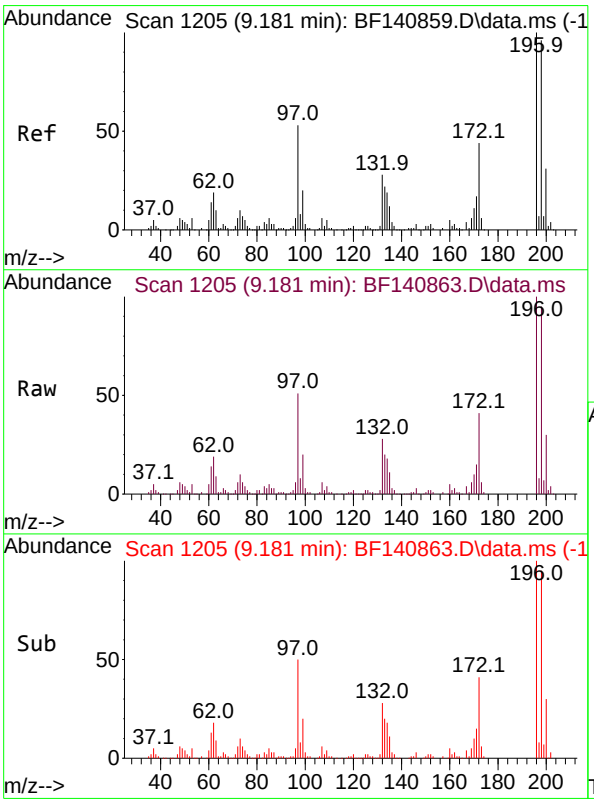
#43
2,4,6-Trichlorophenol
Concen: 39.419 ng
RT: 9.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:196 Resp: 149871

Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.4	116.0
200	29.9	24.5	36.7

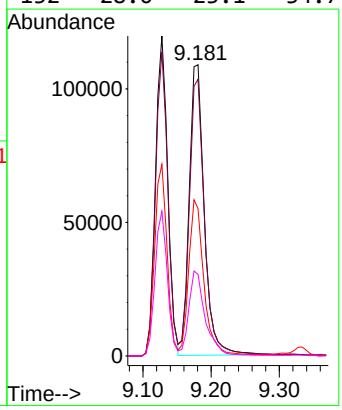


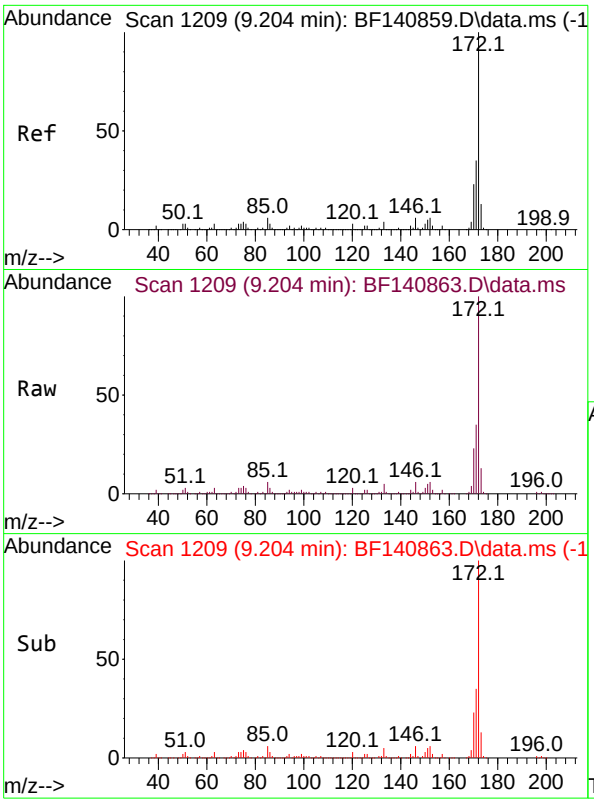


#44
2,4,5-Trichlorophenol
Concen: 39.895 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:196 Resp: 166716

Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.2	115.8
97	50.5	42.2	63.4
132	28.0	23.1	34.7



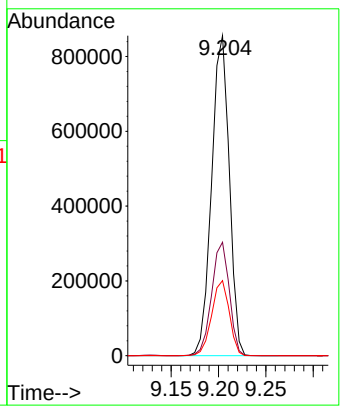


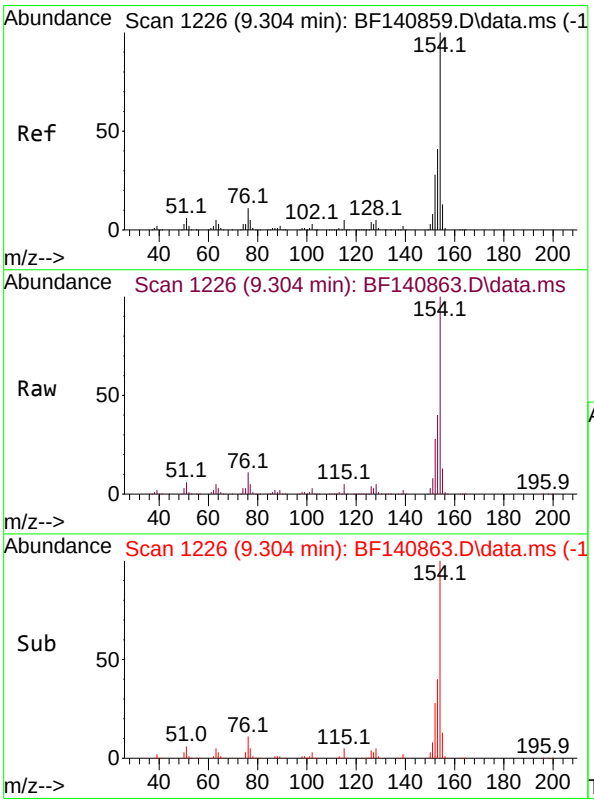
#45
2-Fluorobiphenyl
Concen: 75.432 ng
RT: 9.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:172 Resp: 1108356

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.5	18.6	28.0

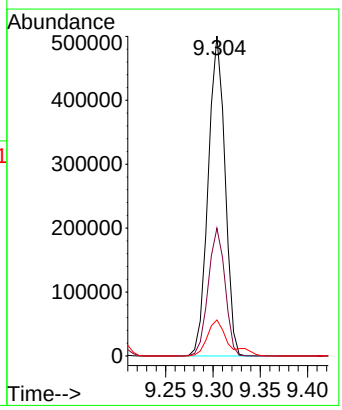


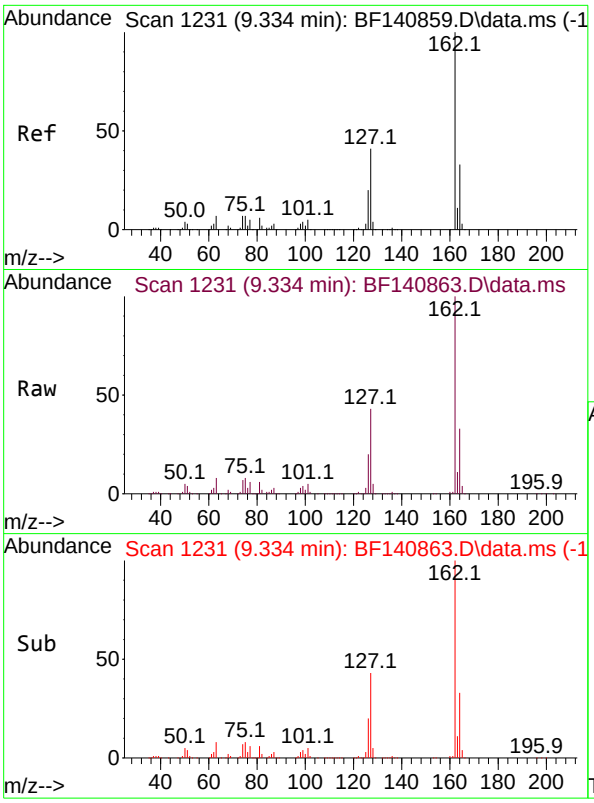


#46
1,1'-Biphenyl
Concen: 38.412 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:154 Resp: 617038

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.8	60.8
76	11.3	0.0	31.0



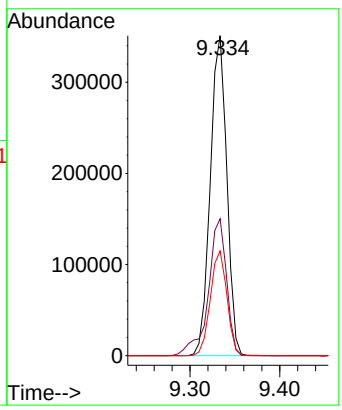


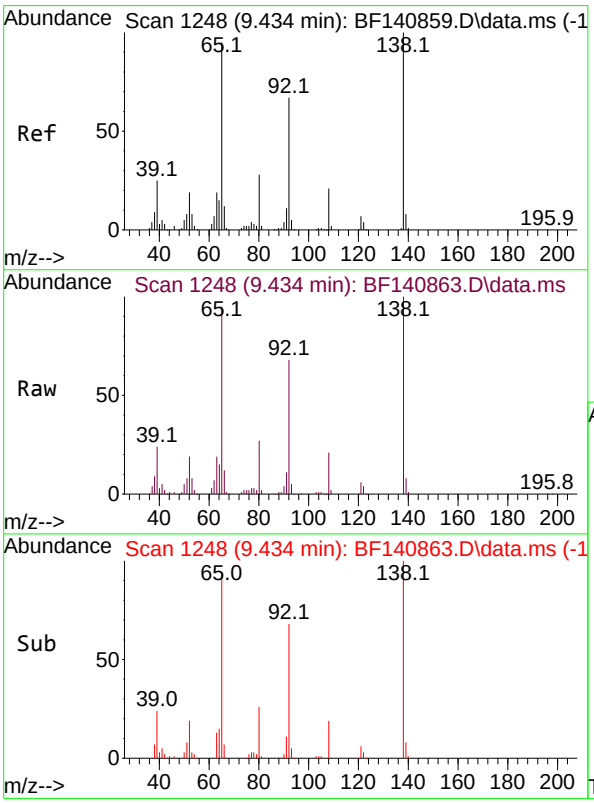
#47
2-Chloronaphthalene
Concen: 36.522 ng
RT: 9.334 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:162 Resp: 448814

Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.5	50.3
164	32.7	26.2	39.2

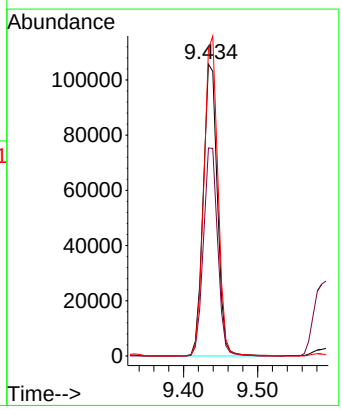


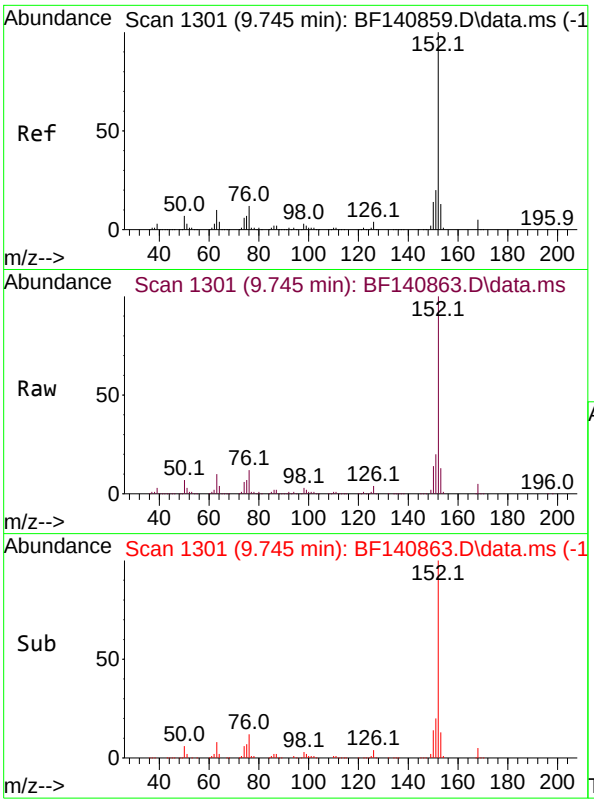


#48
2-Nitroaniline
Concen: 37.990 ng
RT: 9.434 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 65 Resp: 140999

Ion	Ratio	Lower	Upper
65	100		
92	71.3	56.3	84.5
138	105.2	83.8	125.6



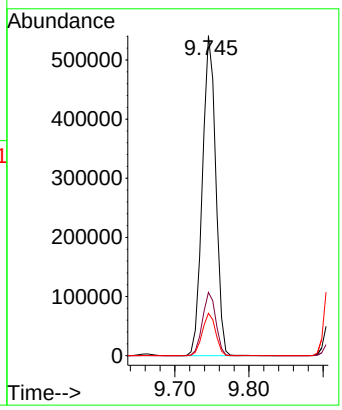


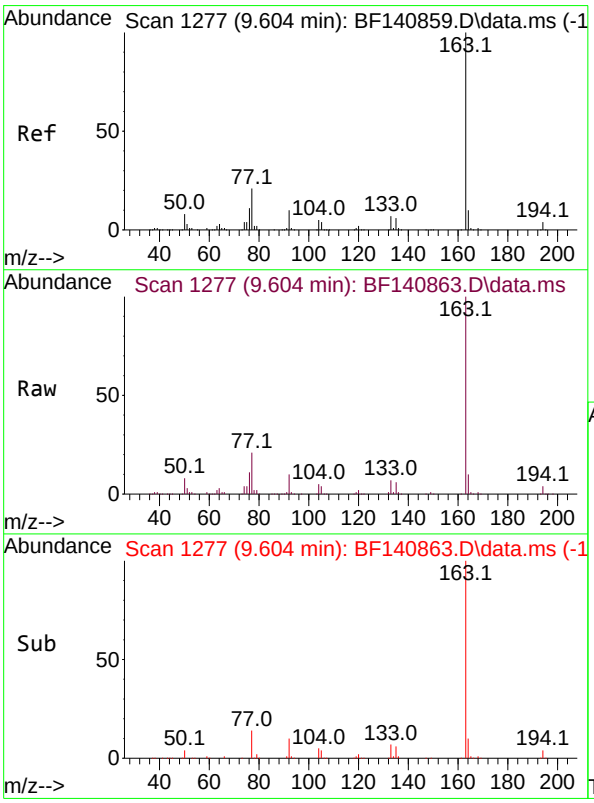
#49
Acenaphthylene
Concen: 37.651 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:152 Resp: 679962

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.3	10.6	16.0

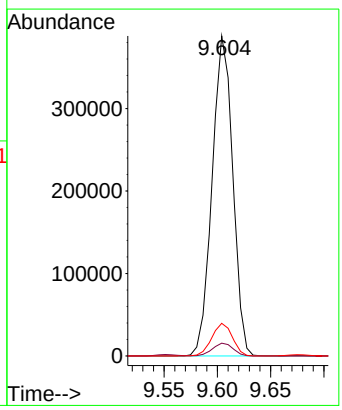


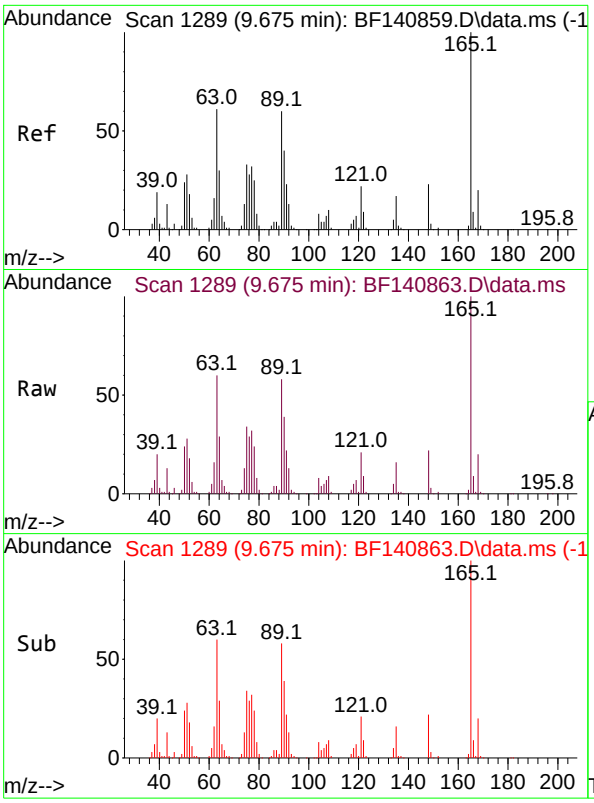


#50
Dimethylphthalate
Concen: 36.704 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:163 Resp: 522757

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.2	8.1	12.1



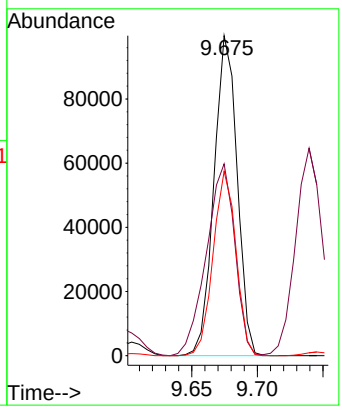


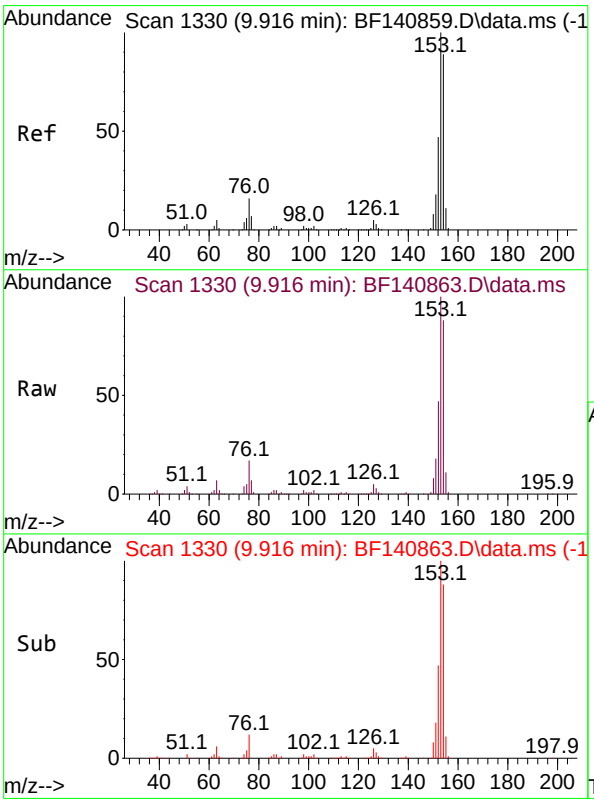
#51
2,6-Dinitrotoluene
Concen: 37.595 ng
RT: 9.675 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:165 Resp: 122408

Ion	Ratio	Lower	Upper
165	100		
63	60.0	49.7	74.5
89	57.6	48.2	72.4

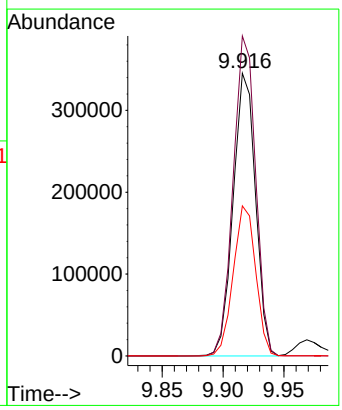


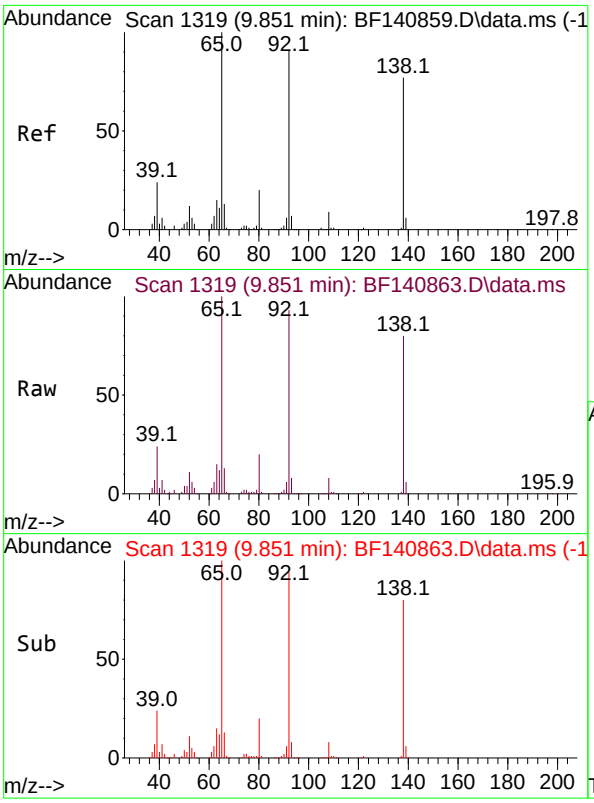


#52
Acenaphthene
Concen: 38.275 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:154 Resp: 441540

Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.9	134.9
152	53.1	42.6	63.8



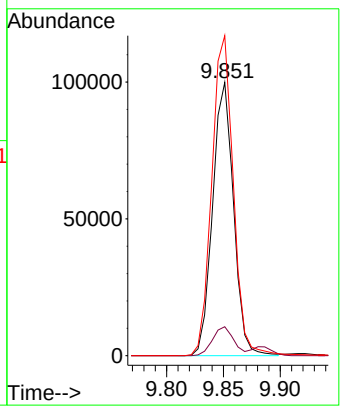


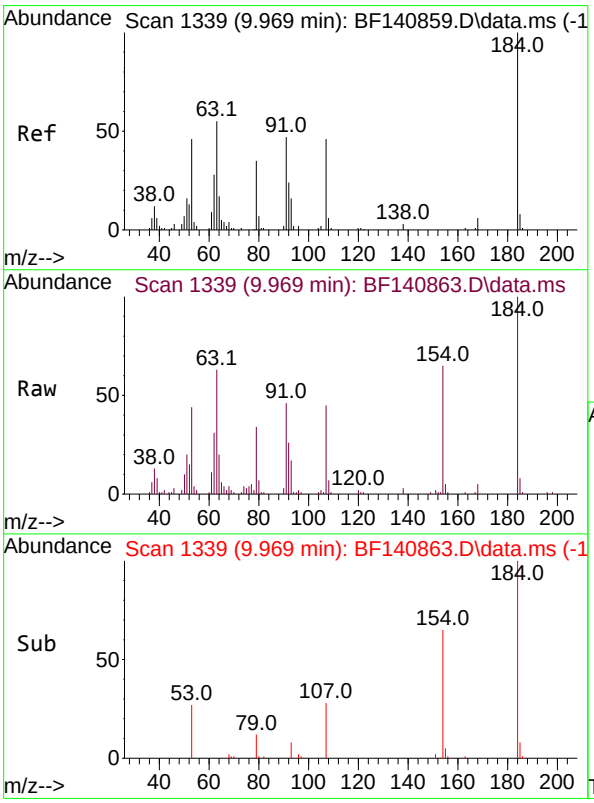
#53
3-Nitroaniline
Concen: 39.722 ng
RT: 9.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:138 Resp: 128348

Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.0	13.4
92	117.1	95.5	143.3

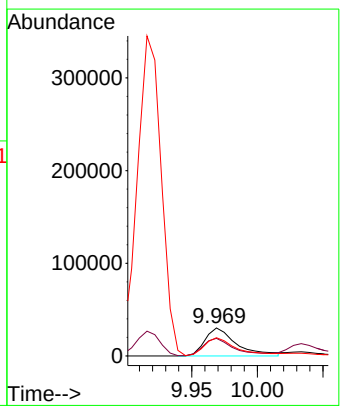


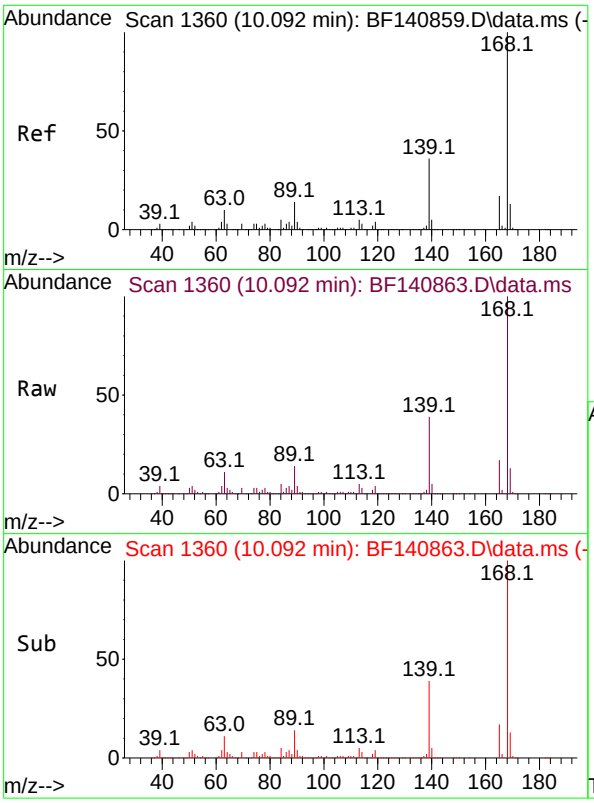


#54
2,4-Dinitrophenol
Concen: 35.766 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:184 Resp: 50562

Ion	Ratio	Lower	Upper
184	100		
63	63.0	51.6	77.4
154	65.4	56.1	84.1



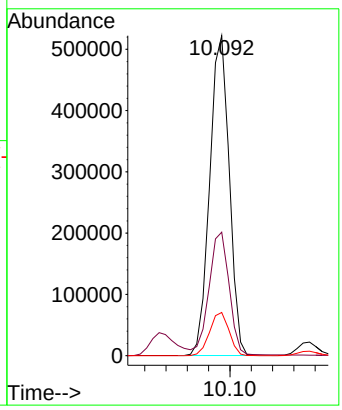


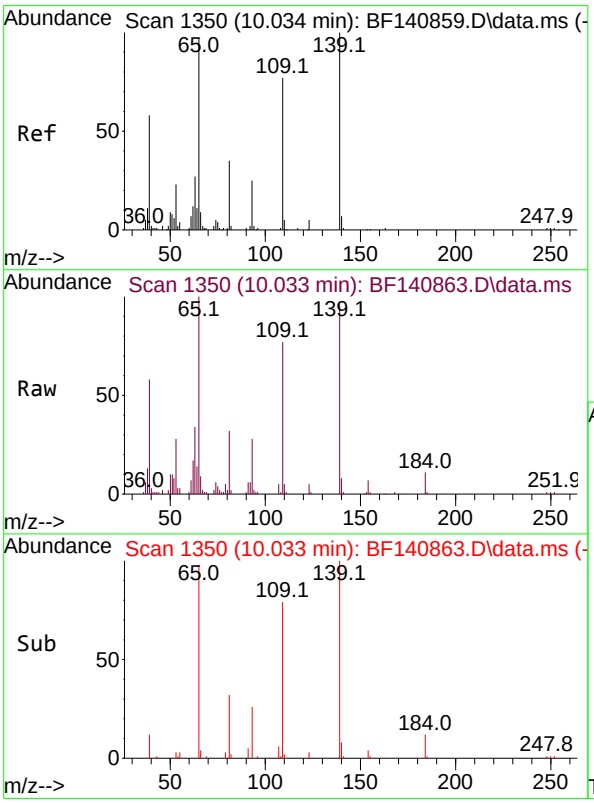
#55
Dibenzofuran
Concen: 37.113 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:168 Resp: 663435

Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.1	46.7
169	13.5	10.6	16.0

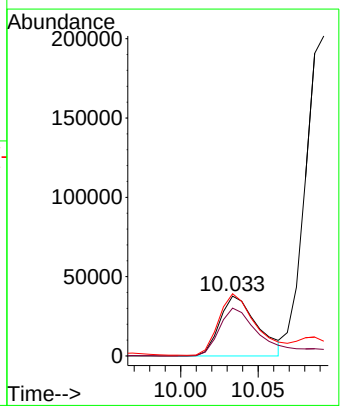


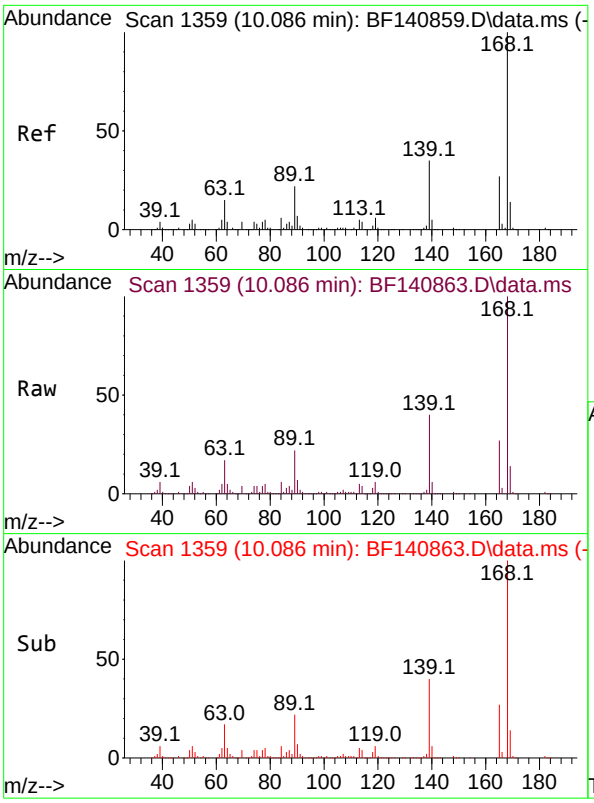


#56
4-Nitrophenol
Concen: 38.834 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.001 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:139 Resp: 63289

Ion	Ratio	Lower	Upper
139	100		
109	80.0	56.7	96.7
65	103.8	78.1	118.1



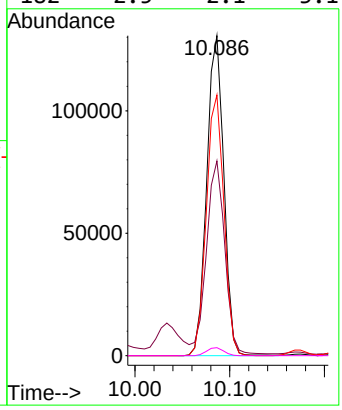


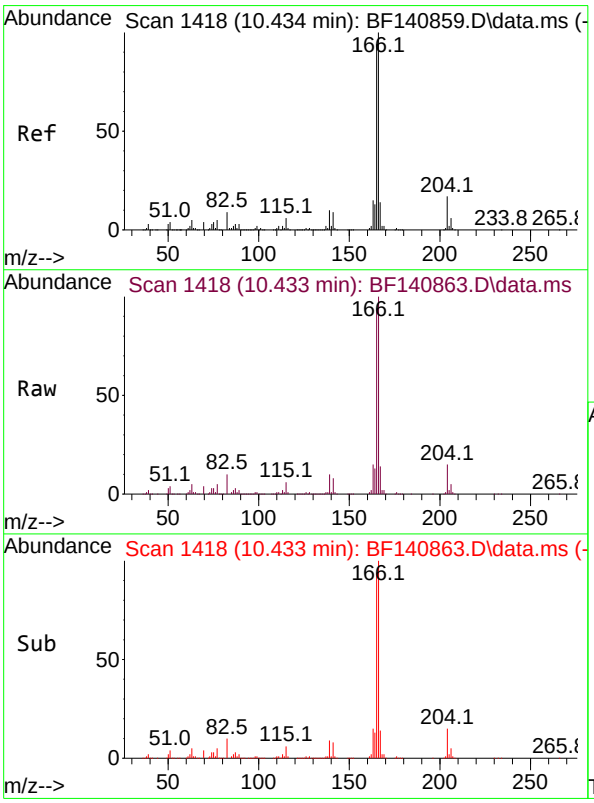
#57
2,4-Dinitrotoluene
Concen: 38.076 ng
RT: 10.086 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:165 Resp: 163115

Ion	Ratio	Lower	Upper
165	100		
63	60.9	49.3	73.9
89	81.5	66.2	99.4
182	2.5	2.1	3.1

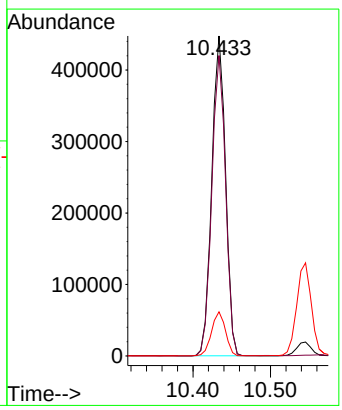


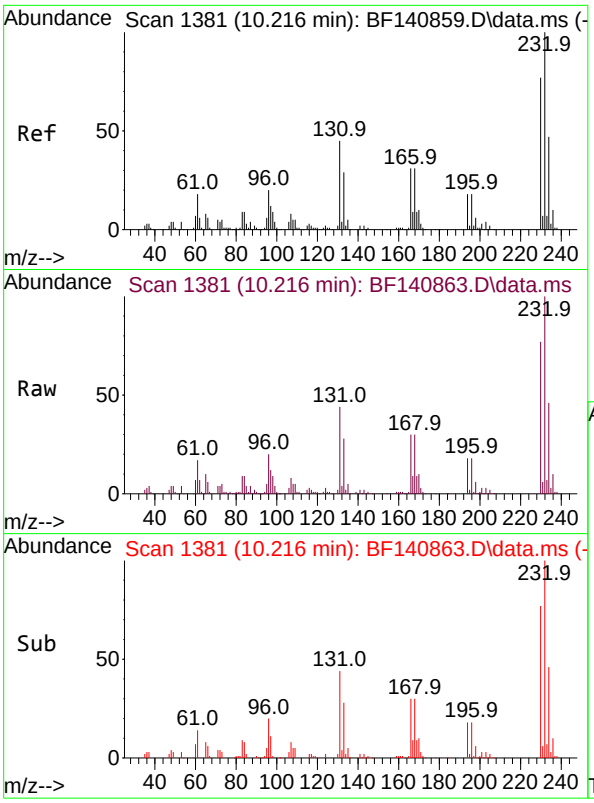


#58
Fluorene
Concen: 37.370 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:166 Resp: 551110

Ion	Ratio	Lower	Upper
166	100		
165	93.9	75.1	112.7
167	13.8	11.1	16.7



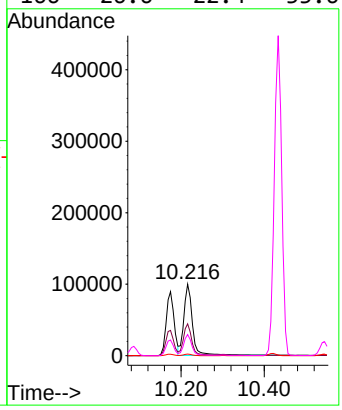


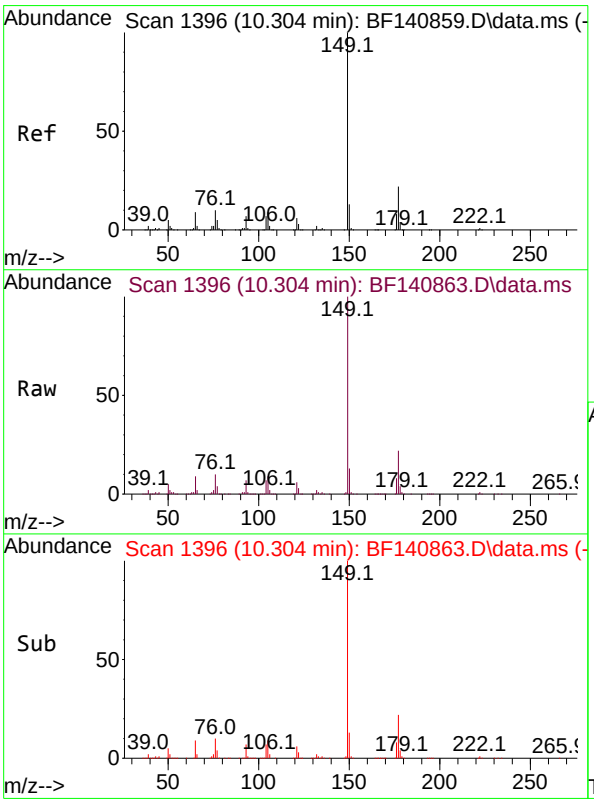
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.405 ng
RT: 10.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:232 Resp: 144396

Ion	Ratio	Lower	Upper
232	100		
131	42.6	35.1	52.7
130	2.2	1.8	2.8
166	26.6	22.4	33.6

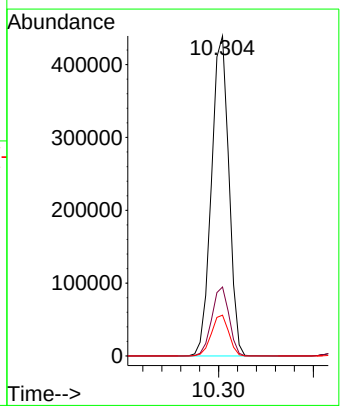


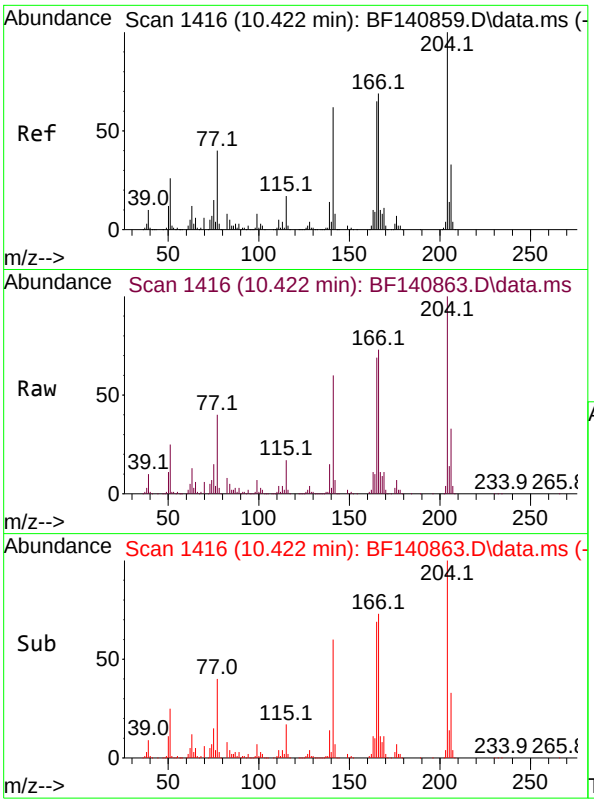


#60
Diethylphthalate
Concen: 37.926 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:149 Resp: 560121

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.2	25.8
150	12.7	10.1	15.1



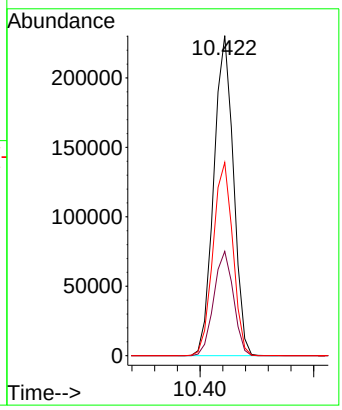


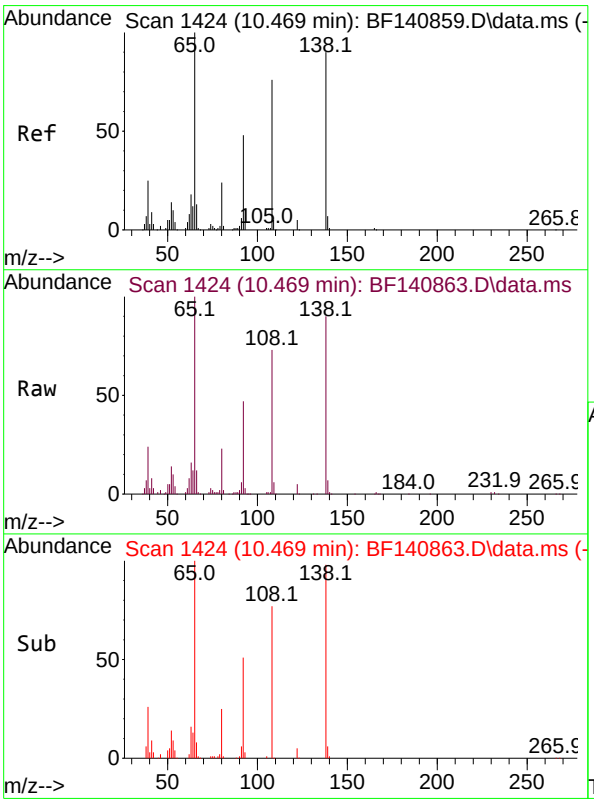
#61
4-Chlorophenyl-phenylether
Concen: 37.398 ng
RT: 10.422 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:204 Resp: 277040

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	60.3	50.0	75.0

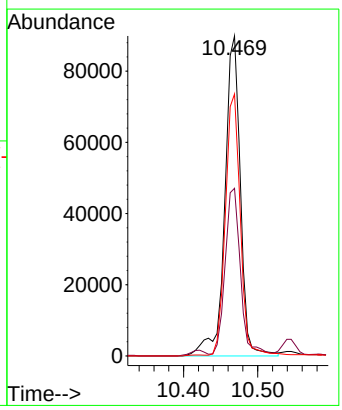


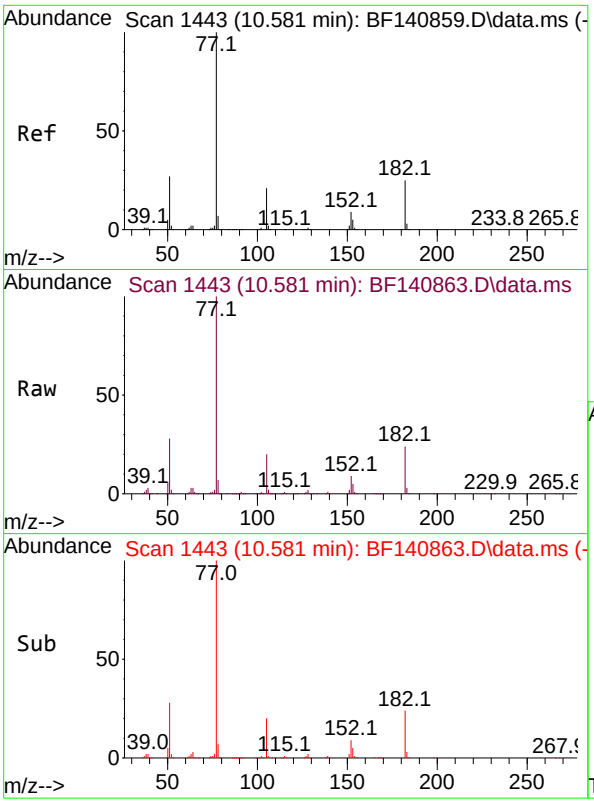


#62
4-Nitroaniline
Concen: 38.912 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:138 Resp: 131388

Ion	Ratio	Lower	Upper
138	100		
92	52.4	32.6	72.6
108	81.8	64.1	104.1



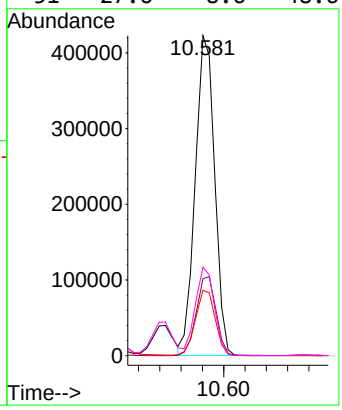


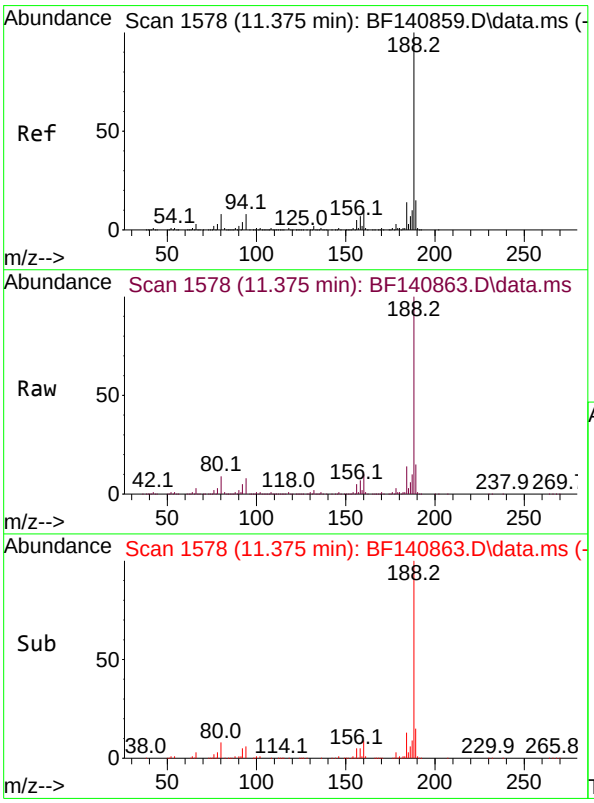
#63
Azobenzene
Concen: 38.657 ng
RT: 10.581 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion: 77 Resp: 536731

Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.5	44.5
105	20.5	0.9	40.9
51	27.6	8.6	48.6

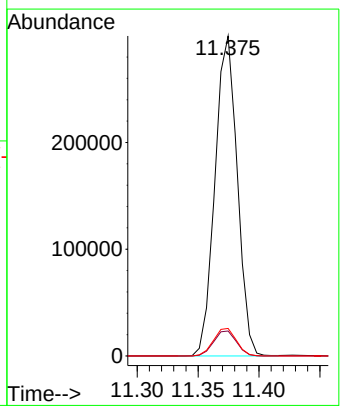


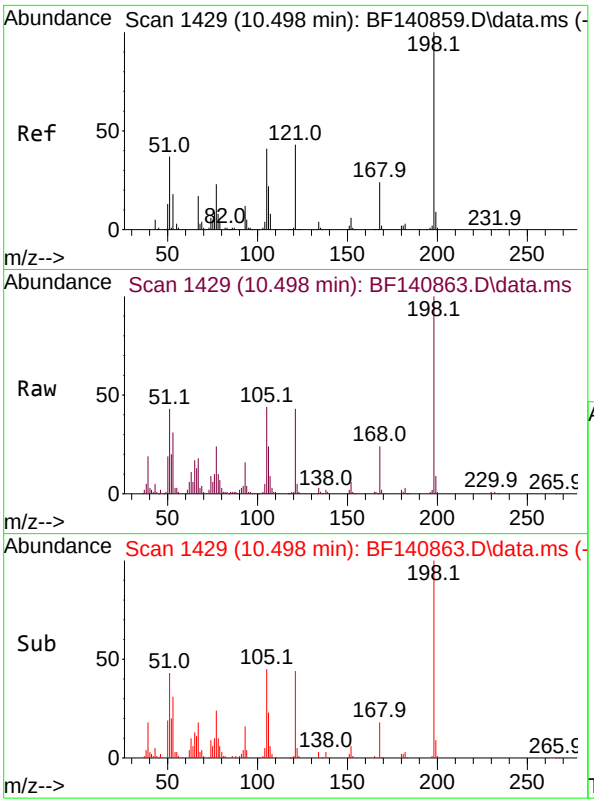


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:188 Resp: 381984

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.4	9.6
80	8.6	6.8	10.2



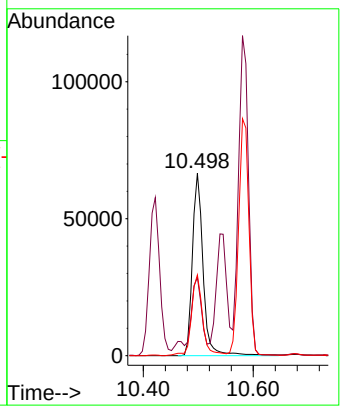


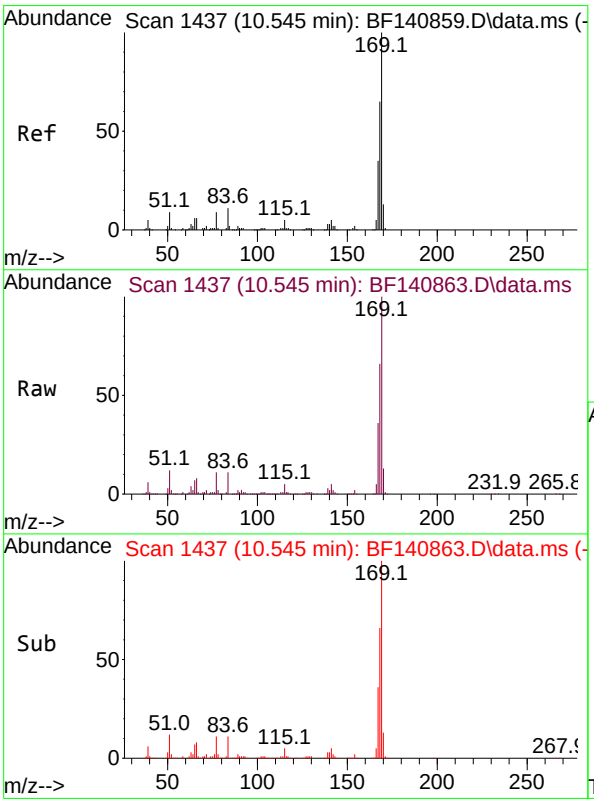
#65
4,6-Dinitro-2-methylphenol
Concen: 41.637 ng
RT: 10.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:198 Resp: 90125

Ion	Ratio	Lower	Upper
198	100		
51	42.9	24.4	64.4
105	44.3	22.1	62.1

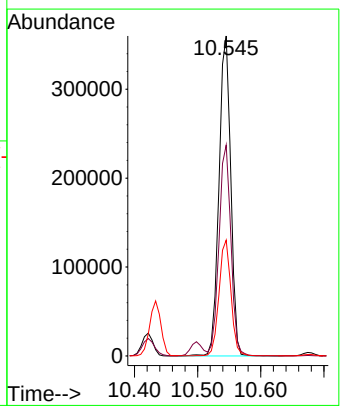


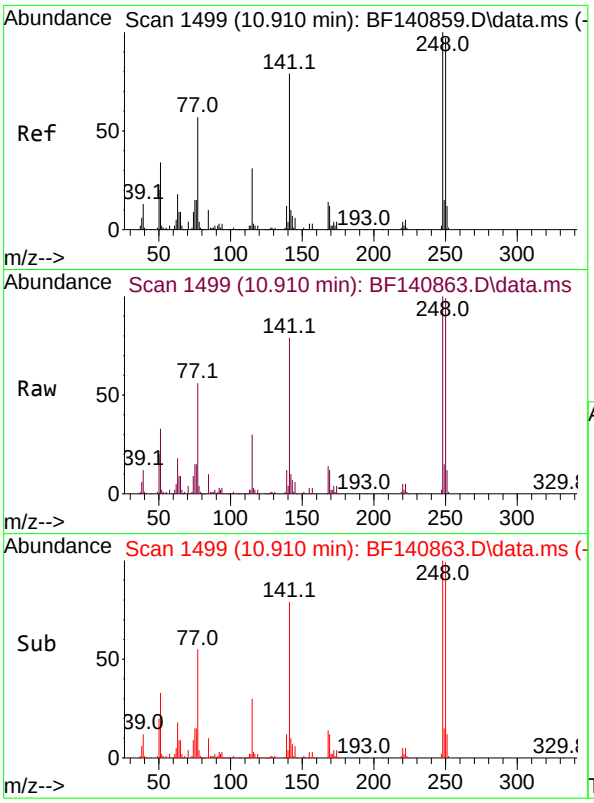


#66
n-Nitrosodiphenylamine
Concen: 39.710 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:169 Resp: 466366

Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.4	80.0
167	36.2	28.3	42.5



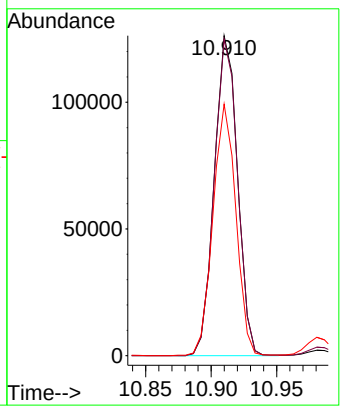


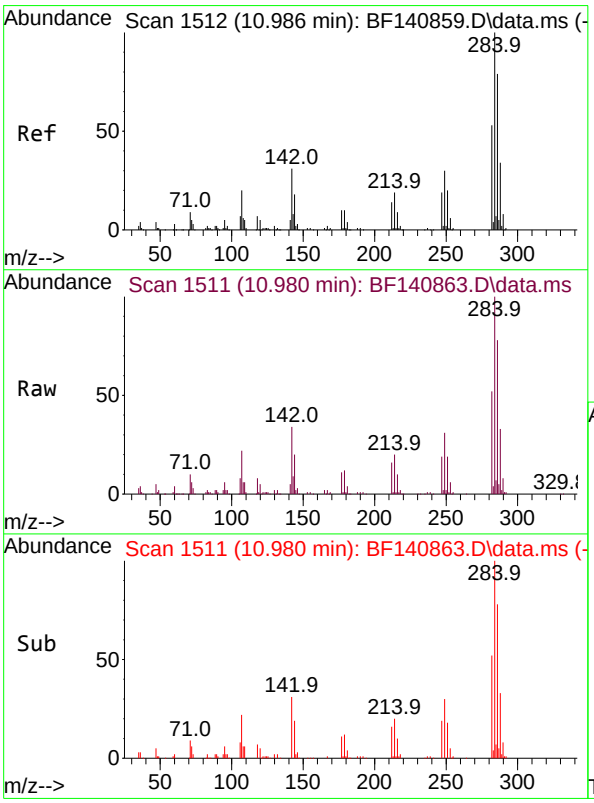
#67
4-Bromophenyl-phenylether
Concen: 36.329 ng
RT: 10.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:248 Resp: 155245

Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.4	116.2
141	78.6	62.9	94.3

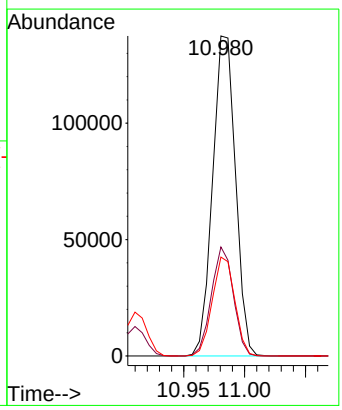


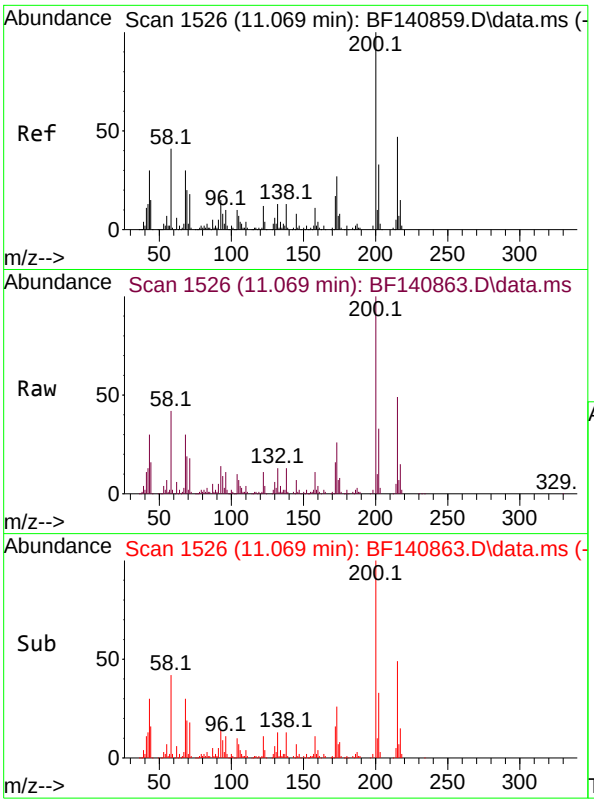


#68
Hexachlorobenzene
Concen: 37.132 ng
RT: 10.980 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:284 Resp: 179906

Ion	Ratio	Lower	Upper
284	100		
142	34.0	24.6	36.8
249	30.9	24.3	36.5



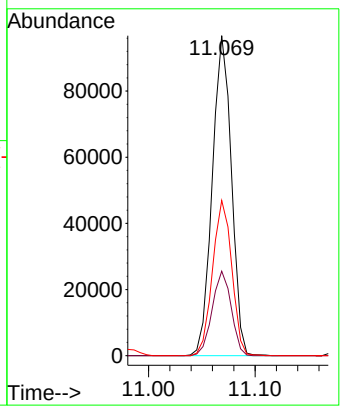


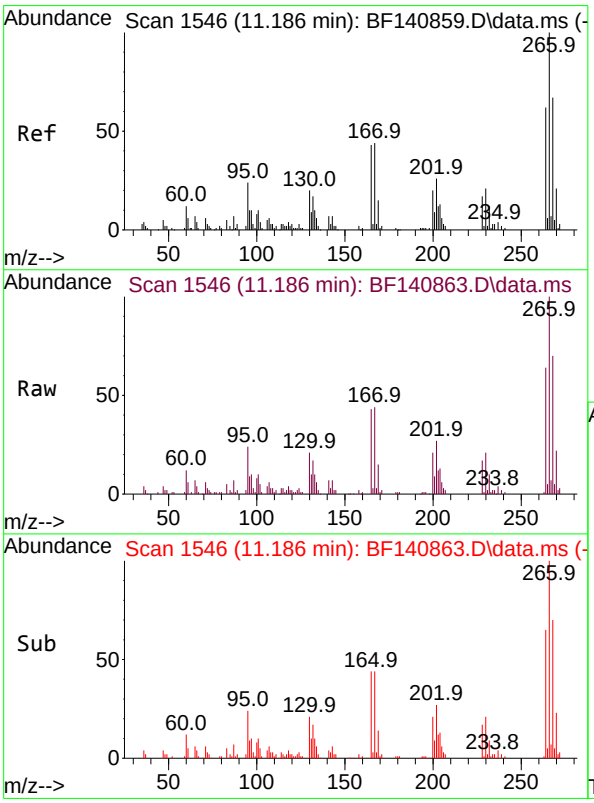
#69
Atrazine
Concen: 36.838 ng
RT: 11.069 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:200 Resp: 120830

Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.6	46.6
215	48.5	26.7	66.7

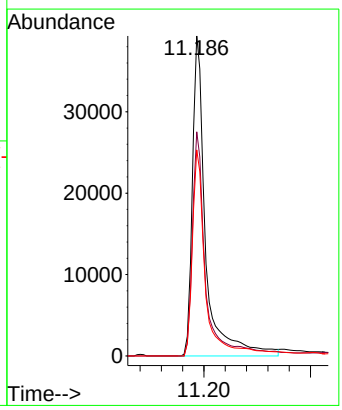


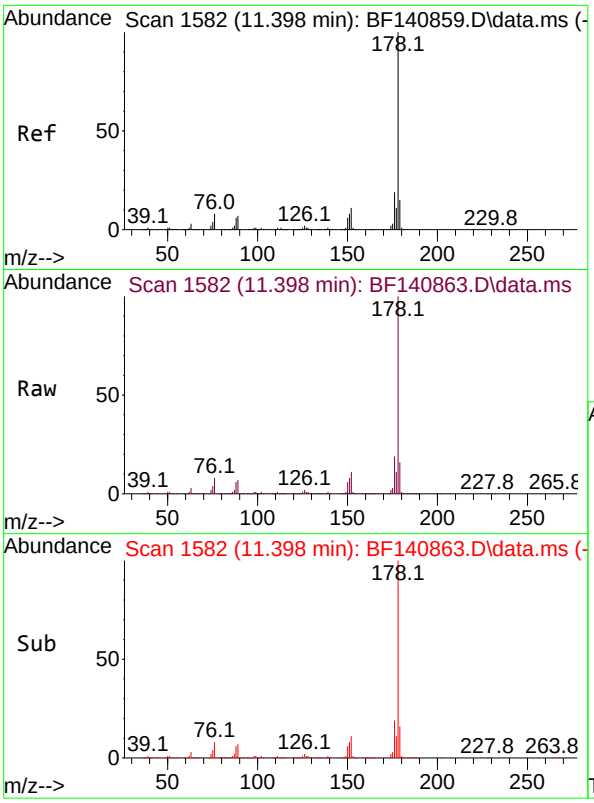


#70
Pentachlorophenol
Concen: 38.679 ng
RT: 11.186 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:266 Resp: 68516

Ion	Ratio	Lower	Upper
266	100		
268	70.1	54.0	81.0
264	64.4	49.4	74.2



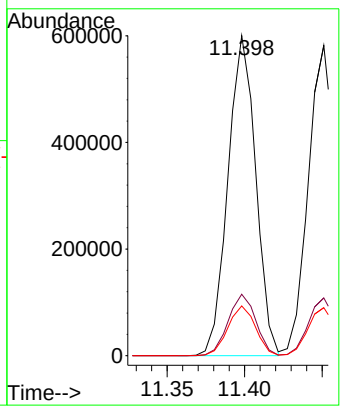


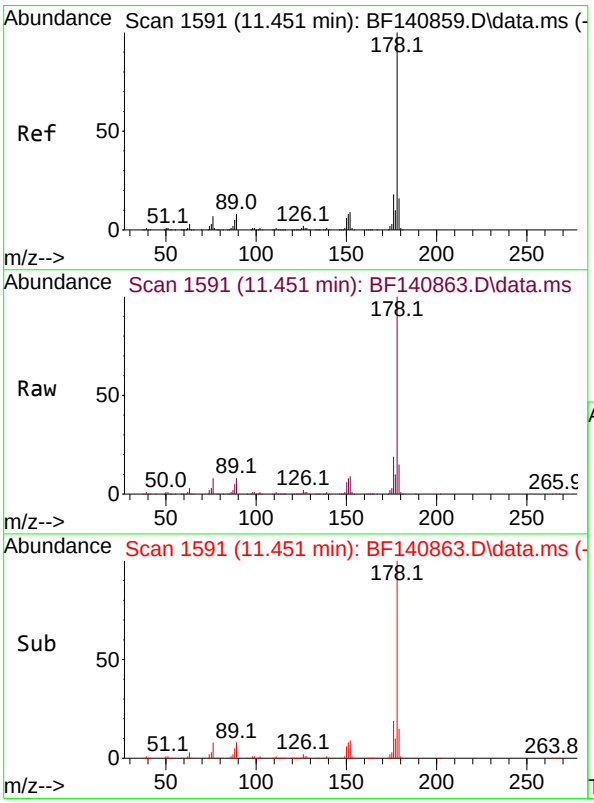
#71
Phenanthrene
Concen: 38.078 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:178 Resp: 747974

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.1	18.1

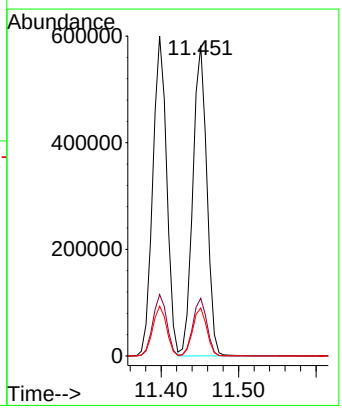


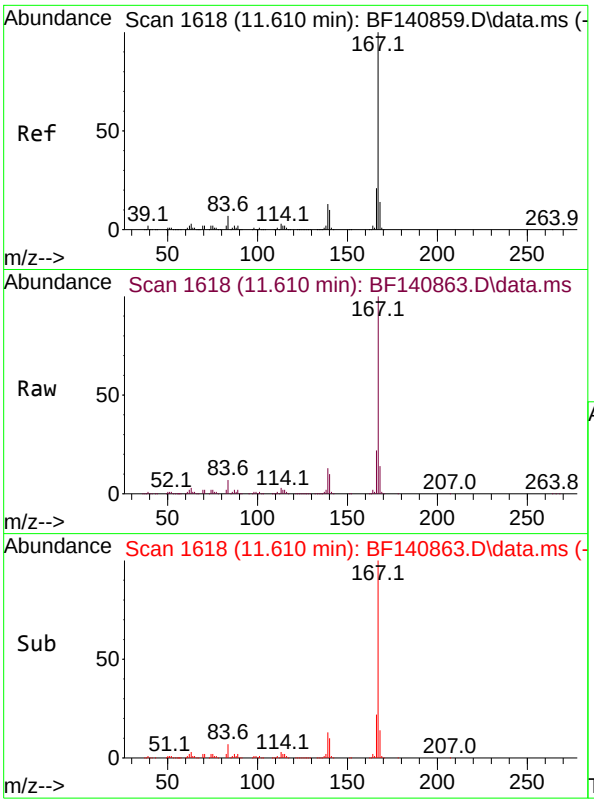


#72
Anthracene
Concen: 37.720 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:178 Resp: 729685

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.5	12.6	18.8



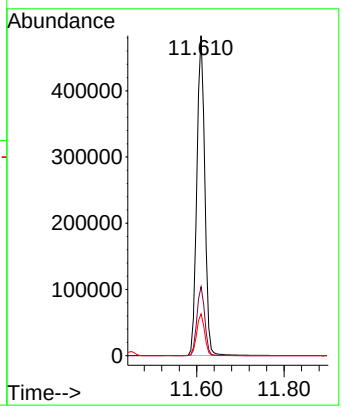


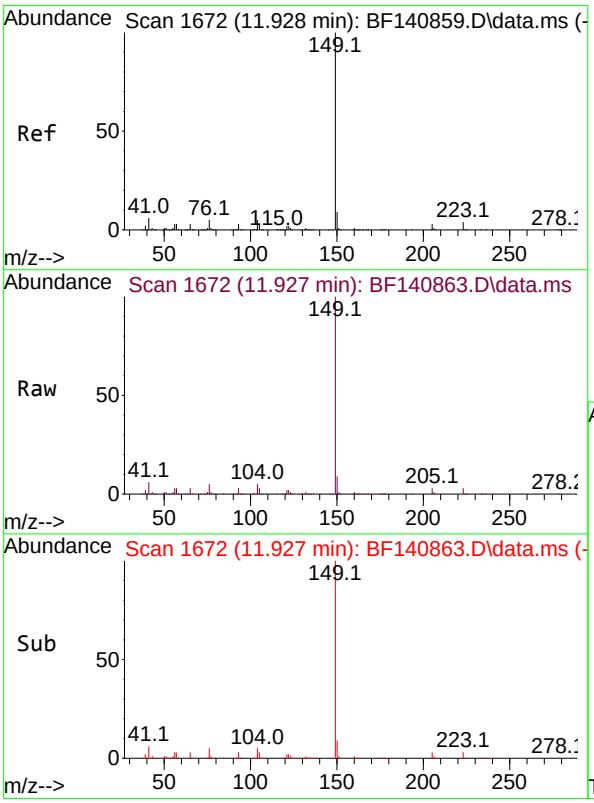
#73
Carbazole
Concen: 32.390 ng
RT: 11.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:167 Resp: 613711

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	13.1	10.2	15.2

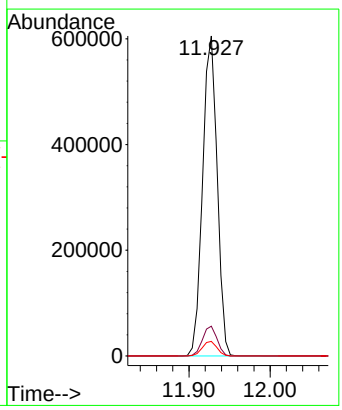


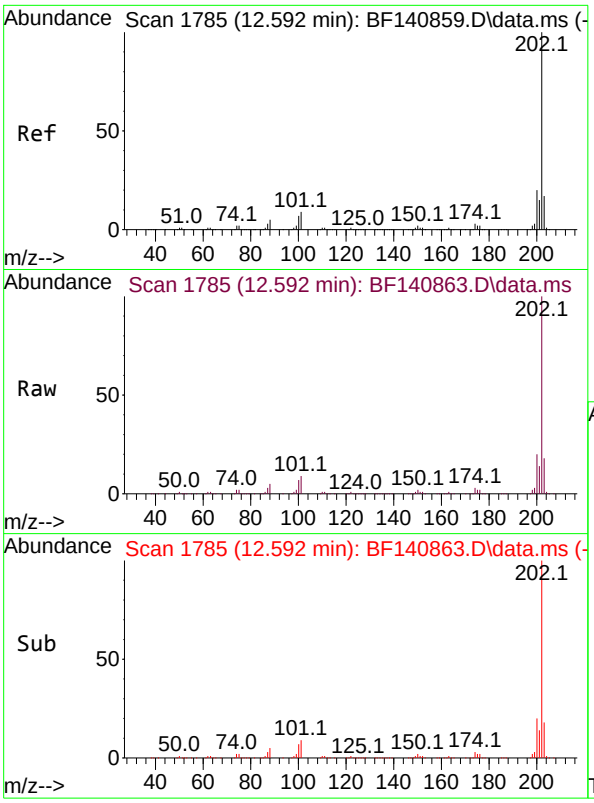


#74
Di-n-butylphthalate
Concen: 33.782 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:149 Resp: 751217

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.5	3.8	5.8



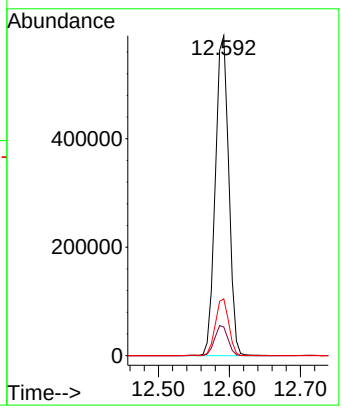


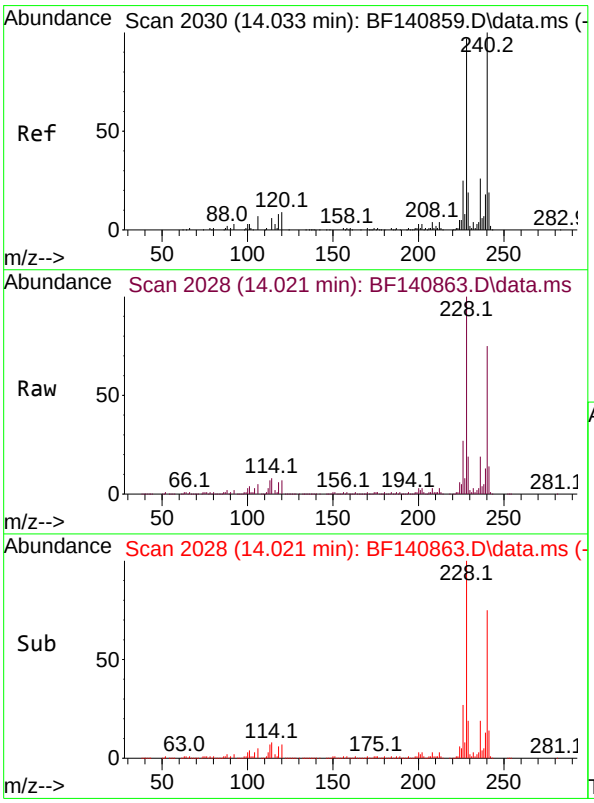
#75
Fluoranthene
Concen: 34.163 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:202 Resp: 772859

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.3
203	17.7	0.0	37.4

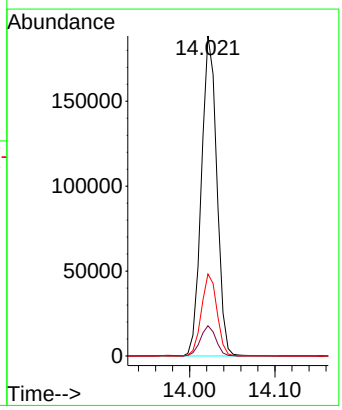


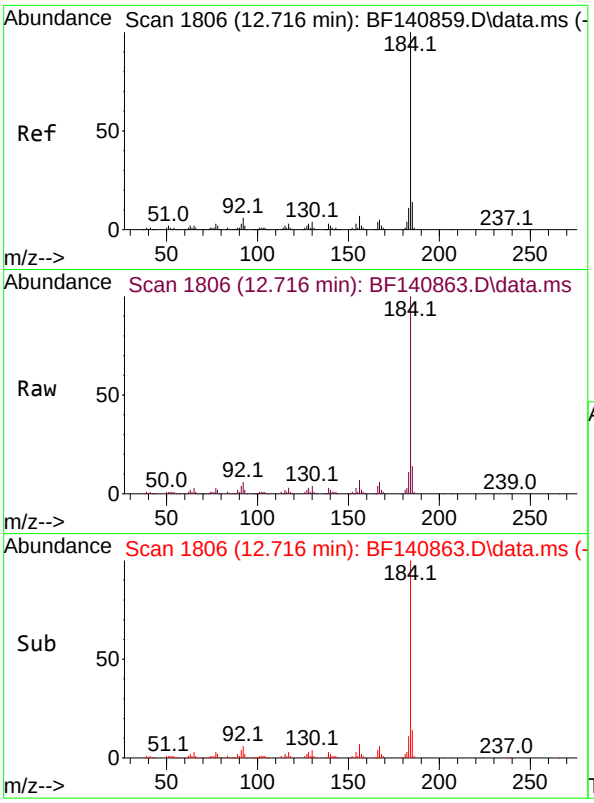


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:240 Resp: 236413

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.6	11.4
236	25.6	20.5	30.7



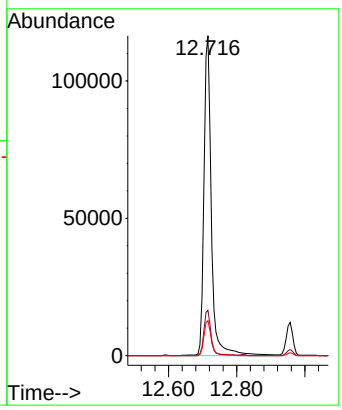


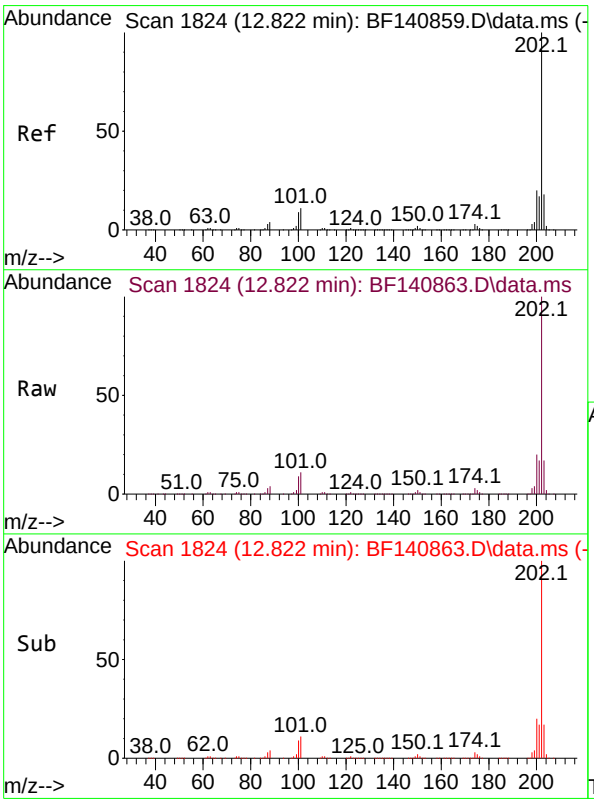
#77
Benzidine
Concen: 36.642 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:184 Resp: 176802

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	10.9	9.0	13.4

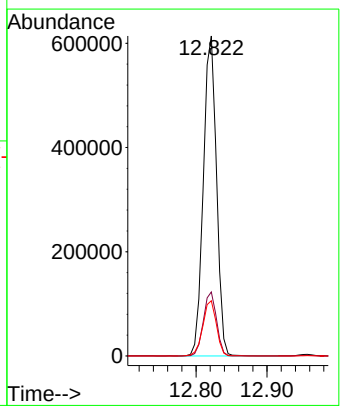


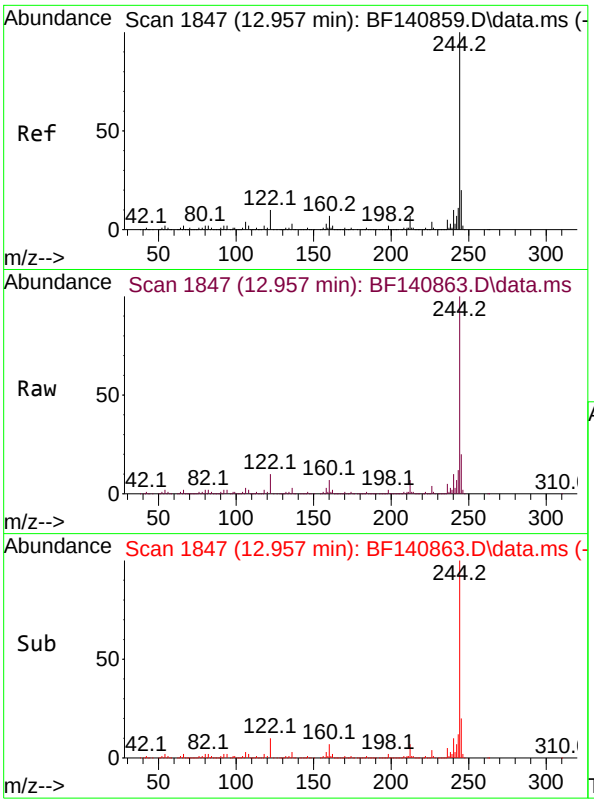


#78
Pyrene
Concen: 37.714 ng
RT: 12.822 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:202 Resp: 792874

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.3	14.2	21.4



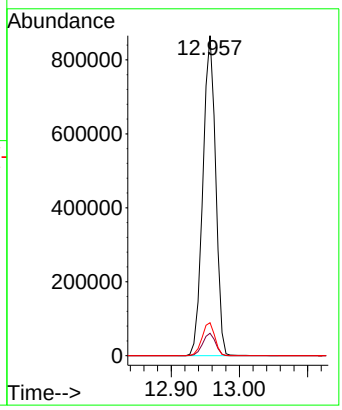


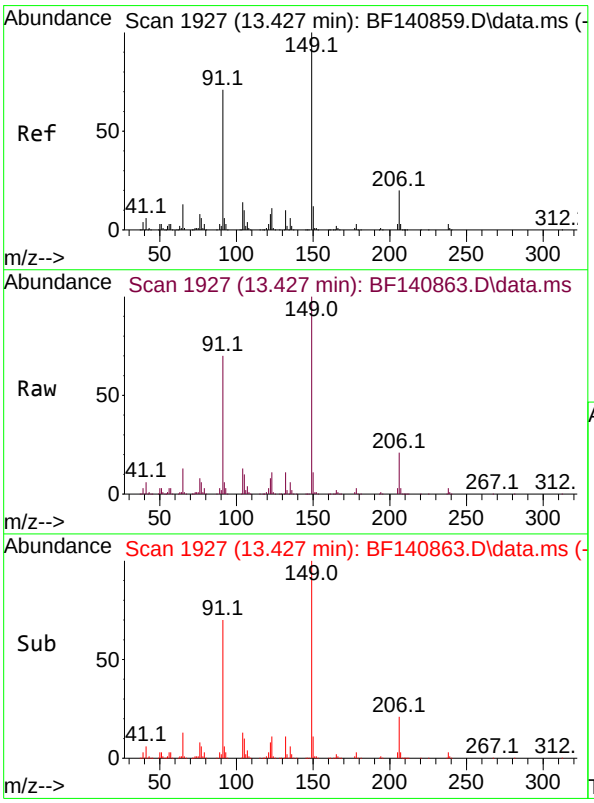
#79
Terphenyl-d14
Concen: 75.108 ng
RT: 12.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:244 Resp: 1126061

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.3	8.2	12.2

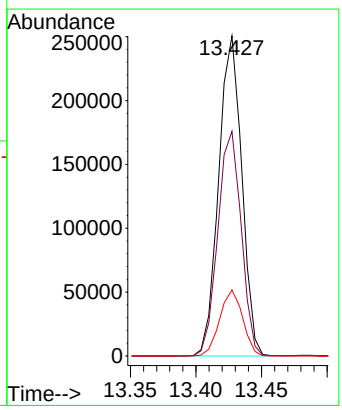


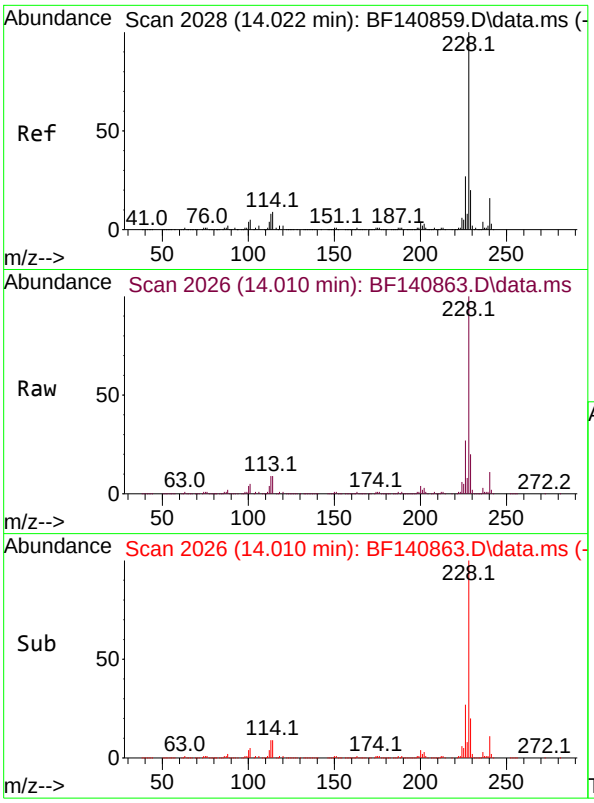


#80
Butylbenzylphthalate
Concen: 39.692 ng
RT: 13.427 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:149 Resp: 307036

Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.7	85.1
206	20.6	16.4	24.6



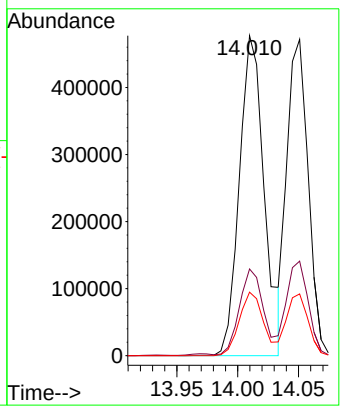


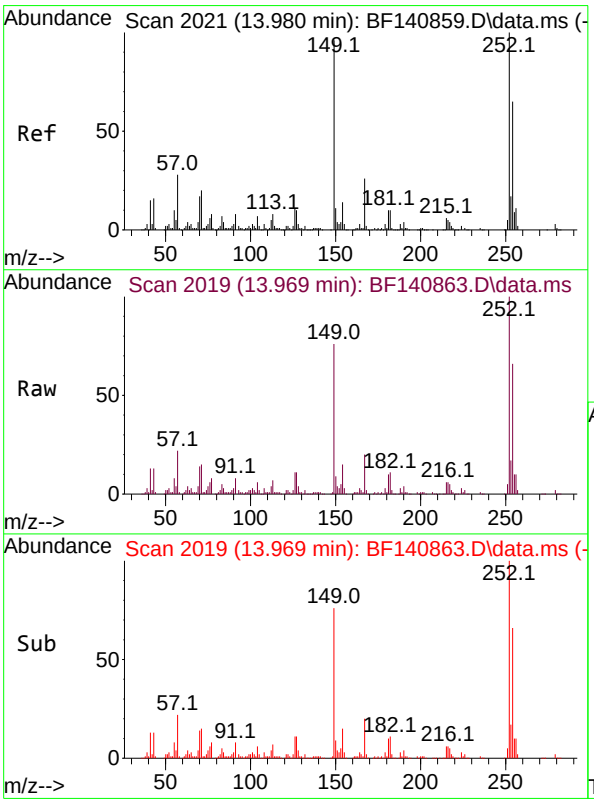
#81
Benzo(a)anthracene
Concen: 40.525 ng
RT: 14.010 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:228 Resp: 679017

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.8	15.8	23.8

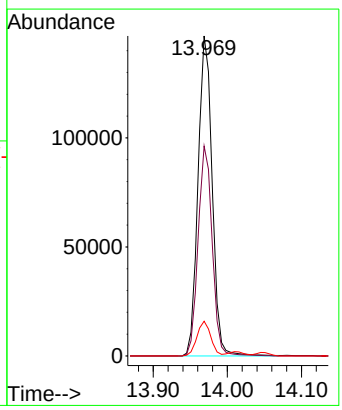


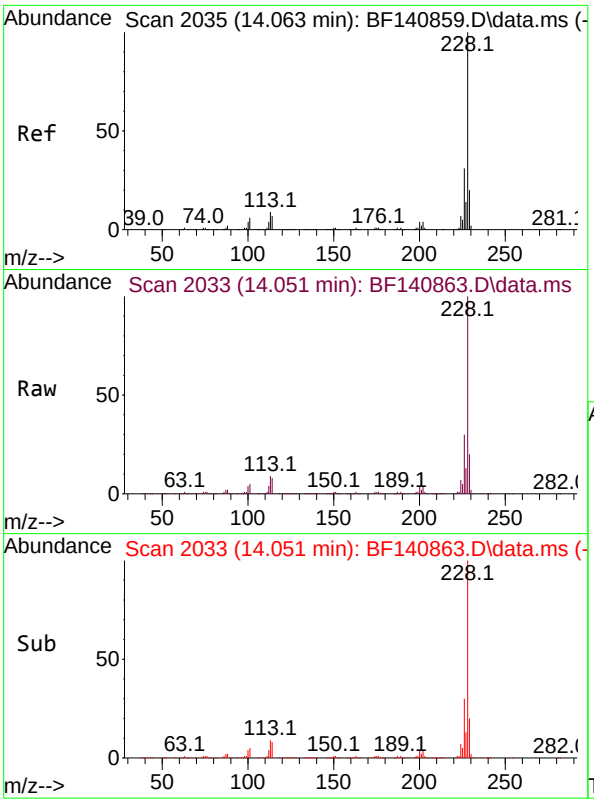


#82
3,3'-Dichlorobenzidine
Concen: 38.459 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:252 Resp: 194418

Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.3	78.5
126	10.8	8.4	12.6



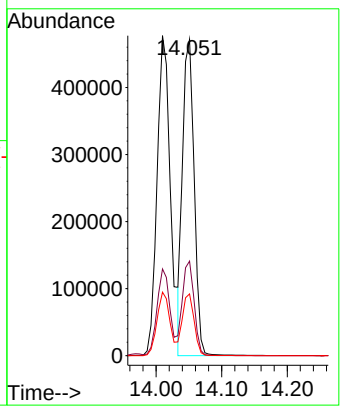


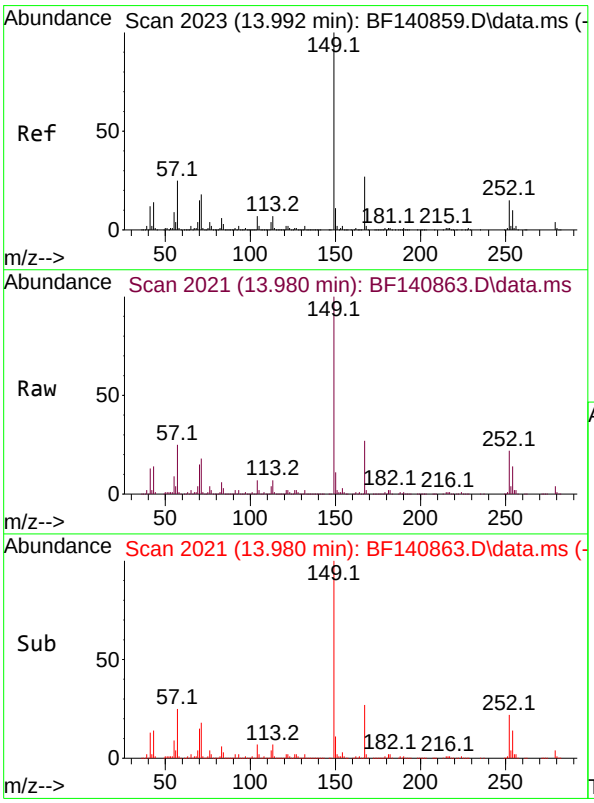
#83
Chrysene
Concen: 37.695 ng
RT: 14.051 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:228 Resp: 574336

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.5	16.0	24.0

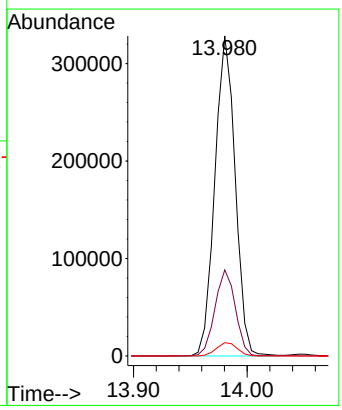


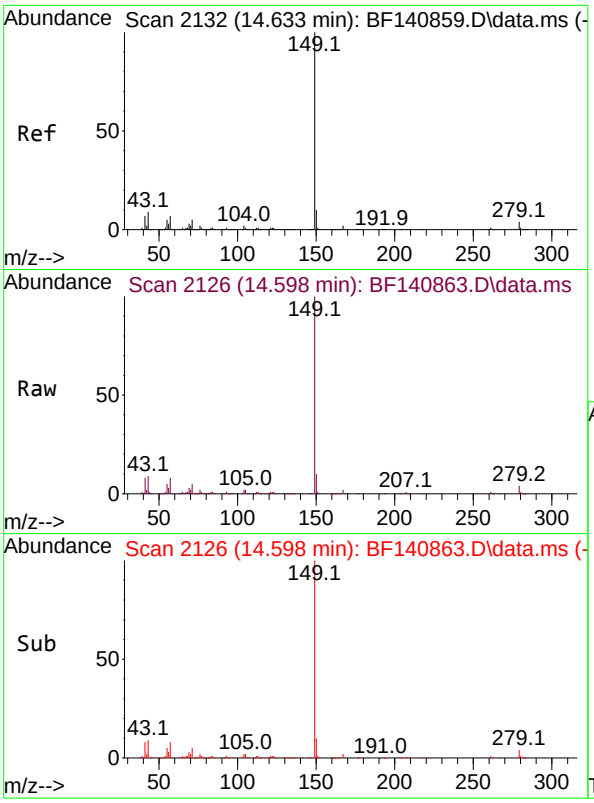


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.982 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:149 Resp: 408768

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	4.2	3.5	5.3



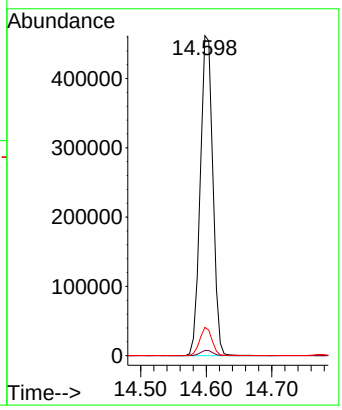


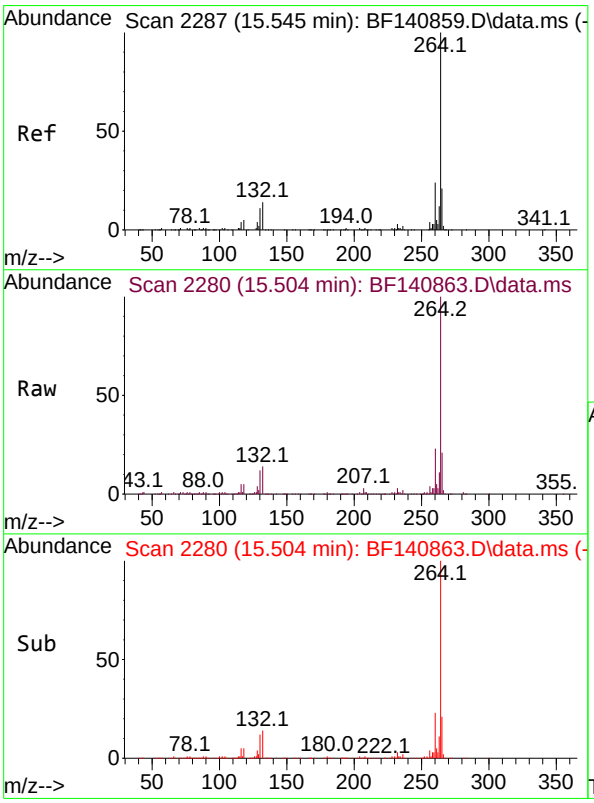
#85
Di-n-octyl phthalate
Concen: 40.907 ng
RT: 14.598 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:149 Resp: 617289

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	7.0	10.6

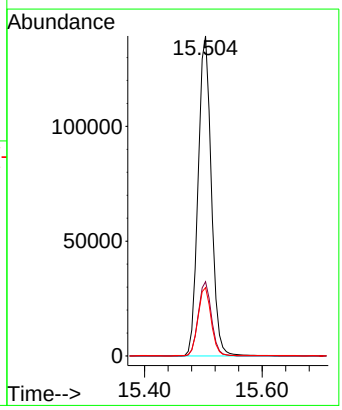


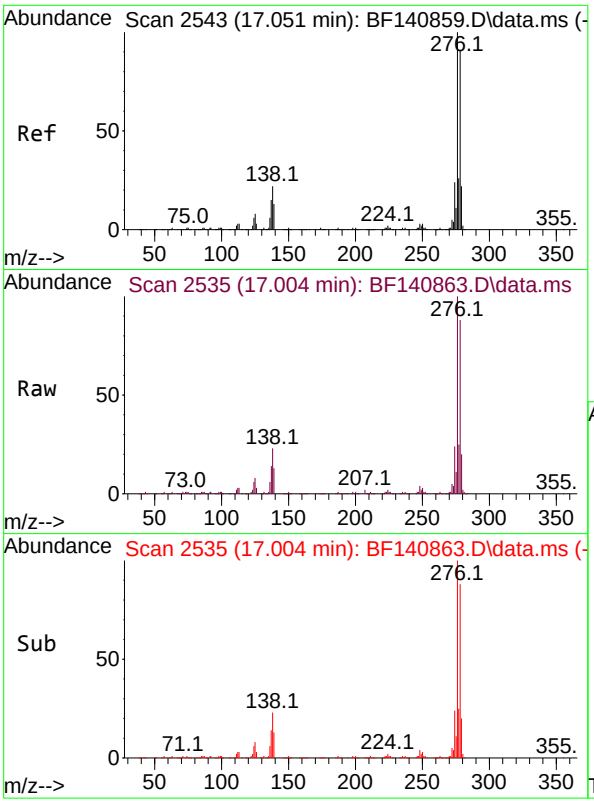


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.041 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:264 Resp: 217277

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.4	17.0	25.4



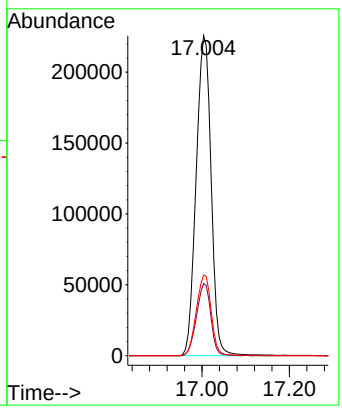


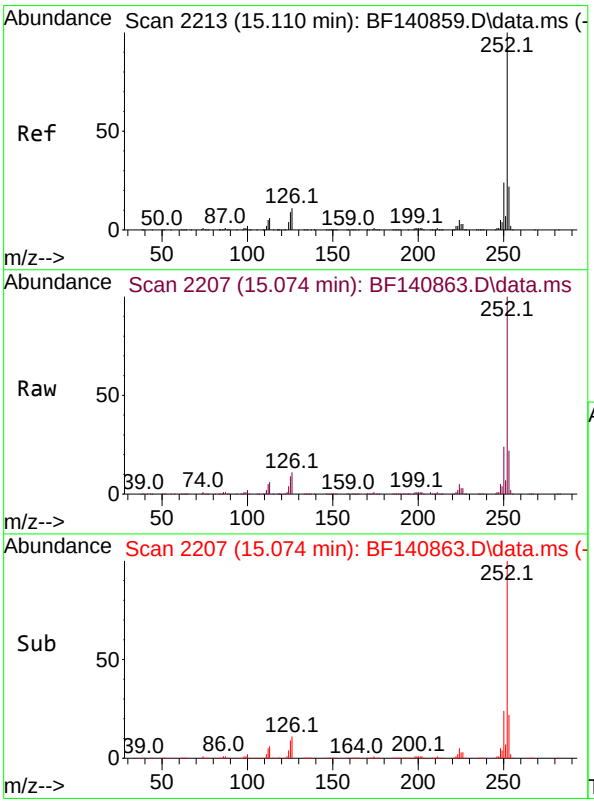
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.762 ng
RT: 17.004 min Scan# 2
Delta R.T. -0.047 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:276 Resp: 539135

Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.9	25.3
277	25.0	20.2	30.4

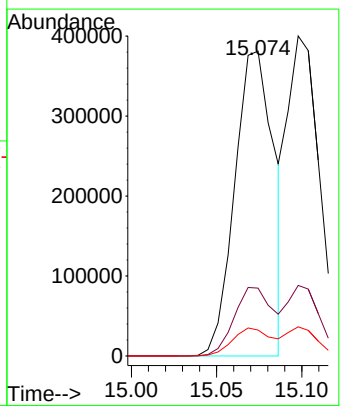


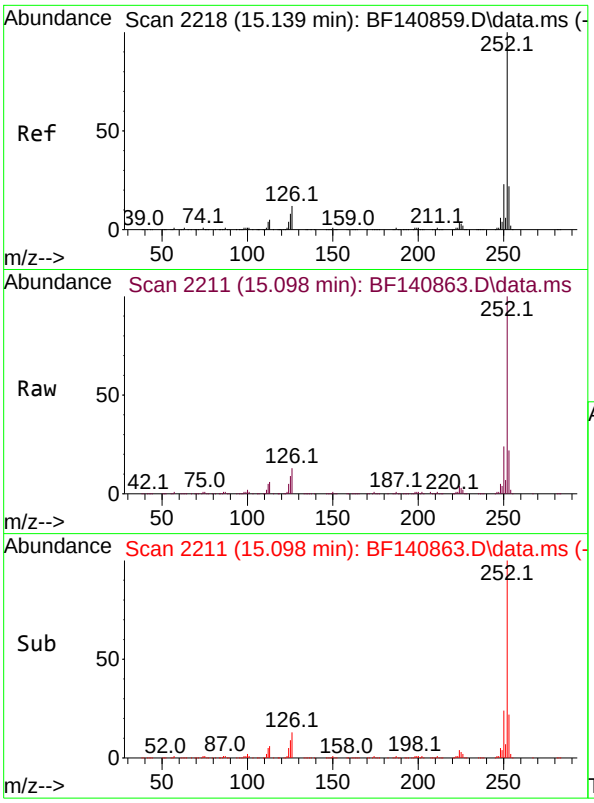


#88
Benzo(b)fluoranthene
Concen: 40.410 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.035 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:252 Resp: 609480

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.5	7.0	10.4



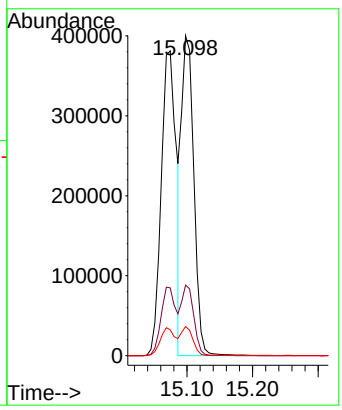


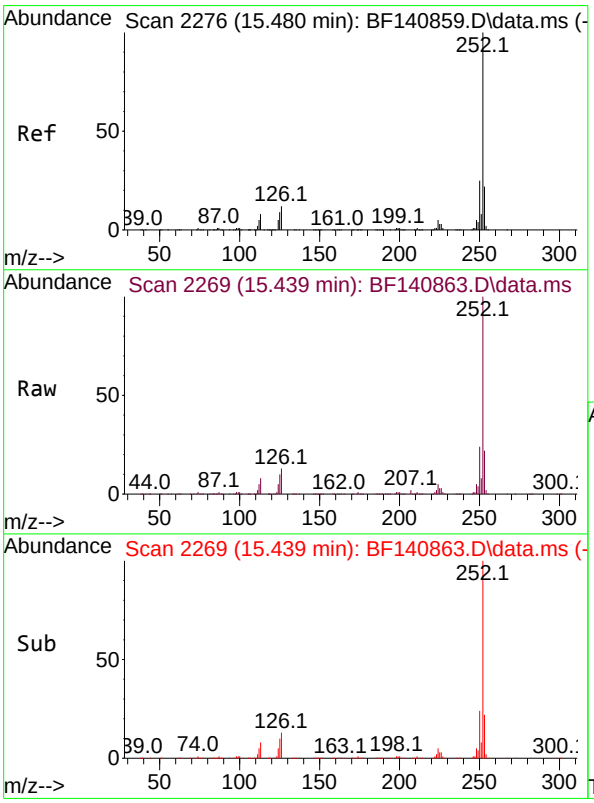
#89
Benzo(k)fluoranthene
Concen: 40.601 ng
RT: 15.098 min Scan# 2
Delta R.T. -0.041 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:252 Resp: 525272

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.1	6.8	10.2

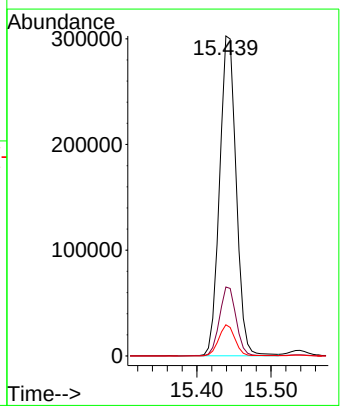


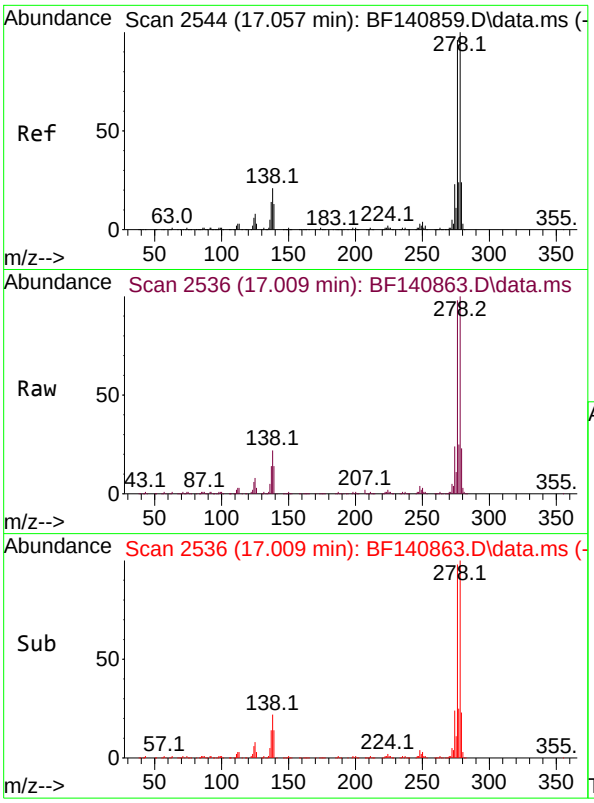


#90
Benzo(a)pyrene
Concen: 39.873 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.041 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:252 Resp: 470896

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	9.8	7.5	11.3



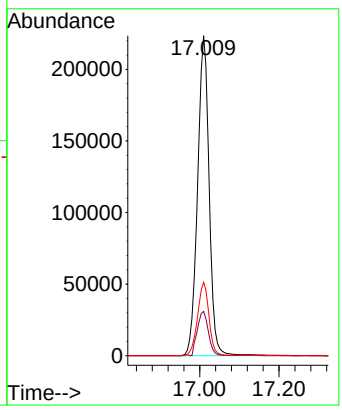


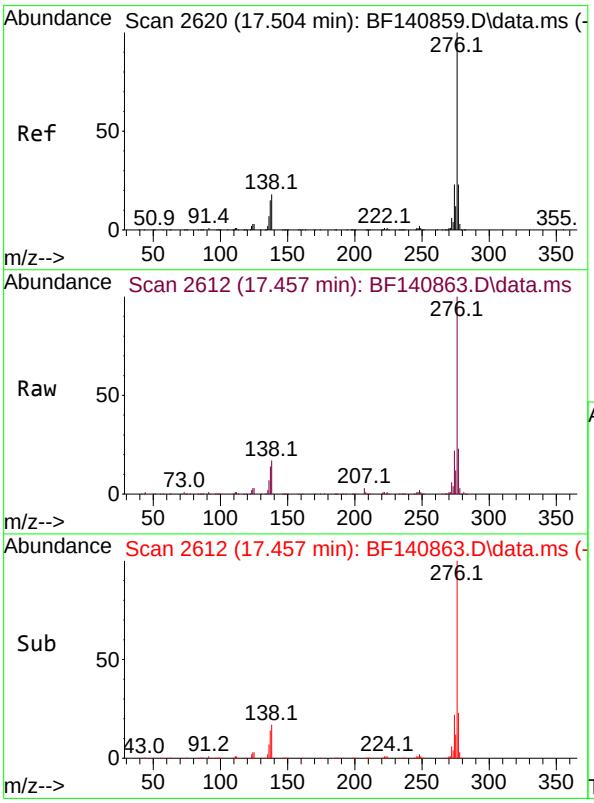
#91
Dibenzo(a,h)anthracene
Concen: 40.237 ng
RT: 17.009 min Scan# 2
Delta R.T. -0.047 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:278 Resp: 451973

Ion	Ratio	Lower	Upper
278	100		
139	13.8	10.6	16.0
279	22.9	19.2	28.8

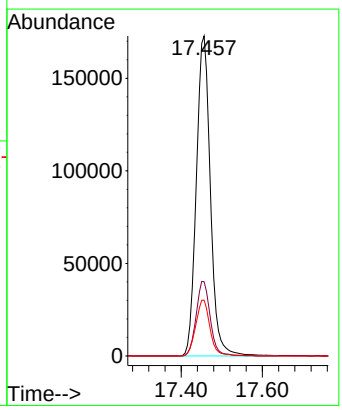




#92
Benzo(g,h,i)perylene
Concen: 36.565 ng
RT: 17.457 min Scan# 2612
Delta R.T. -0.047 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:276 Resp: 418030

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.7	28.1
138	17.4	14.2	21.2



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140863.D
Acq On : 16 Dec 2024 16:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Quant Time: Dec 16 17:02:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
2		1,4-Dioxane	0.523	0.423	19.1	95	-0.02
3		Pyridine	1.212	1.057	12.8	98	-0.02
4		n-Nitrosodimethylamine	0.611	0.519	15.1	97	-0.02
5	S	2-Fluorophenol	1.215	1.157	4.8	109	0.00
6		Aniline	1.376	1.364	0.9	112	0.00
7	S	Phenol-d6	1.609	1.533	4.7	111	0.00
8		2-Chlorophenol	1.325	1.284	3.1	112	0.00
9		Benzaldehyde	0.892	0.903	-1.2	118	0.00
10	C	Phenol	1.668	1.613	3.3	112	0.00
11		bis(2-Chloroethyl)ether	1.244	1.228	1.3	113	0.00
12		1,3-Dichlorobenzene	1.510	1.476	2.3	114	0.00
13	C	1,4-Dichlorobenzene	1.532	1.523	0.6	115	0.00
14		1,2-Dichlorobenzene	1.446	1.429	1.2	113	0.00
15		Benzyl Alcohol	1.151	1.144	0.6	113	0.00
16		2,2'-oxybis(1-Chloropropane	1.465	1.501	-2.5	118	0.00
17		2-Methylphenol	1.058	1.063	-0.5	116	0.00
18		Hexachloroethane	0.570	0.564	1.1	115	0.00
19	P	n-Nitroso-di-n-propylamine	0.965	0.962	0.3	118	0.00
20		3+4-Methylphenols	1.403	1.402	0.1	117	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	123	0.00
22		Acetophenone	0.500	0.457	8.6	114	0.00
23	S	Nitrobenzene-d5	0.400	0.377	5.8	118	0.00
24		Nitrobenzene	0.410	0.387	5.6	119	0.00
25		Isophorone	0.670	0.640	4.5	121	0.00
26	C	2-Nitrophenol	0.189	0.191	-1.1	125	0.00
27		2,4-Dimethylphenol	0.220	0.223	-1.4	125	0.00
28		bis(2-Chloroethoxy)methane	0.418	0.422	-1.0	125	0.00
29	C	2,4-Dichlorophenol	0.304	0.302	0.7	124	0.00
30		1,2,4-Trichlorobenzene	0.349	0.334	4.3	120	0.00
31		Naphthalene	1.099	1.057	3.8	122	0.00
32		Benzoic acid	0.209	0.221	-5.7	129	0.00
33		4-Chloroaniline	0.365	0.343	6.0	117	0.00
34	C	Hexachlorobutadiene	0.235	0.214	8.9	113	0.00
35		Caprolactam	0.091	0.082	9.9	111	0.00
36	C	4-Chloro-3-methylphenol	0.342	0.304	11.1	111	0.00
37		2-Methylnaphthalene	0.727	0.678	6.7	116	0.00
38		1-Methylnaphthalene	0.719	0.664	7.6	116	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	113	0.00
40		1,2,4,5-Tetrachlorobenzene	0.615	0.594	3.4	115	0.00
41	P	Hexachlorocyclopentadiene	0.153	0.132	13.7	105	0.00
42	S	2,4,6-Tribromophenol	0.237	0.200	15.6	94	0.00
43	C	2,4,6-Trichlorophenol	0.376	0.371	1.3	115	0.00
44		2,4,5-Trichlorophenol	0.414	0.413	0.2	117	0.00
45	S	2-Fluorobiphenyl	1.455	1.372	5.7	113	0.00
46		1,1'-Biphenyl	1.590	1.527	4.0	114	0.00
47		2-Chloronaphthalene	1.217	1.111	8.7	107	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140863.D
Acq On : 16 Dec 2024 16:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Quant Time: Dec 16 17:02:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.367	0.349	4.9	110	0.00
49		Acenaphthylene	1.788	1.683	5.9	109	0.00
50		Dimethylphthalate	1.410	1.294	8.2	107	0.00
51		2,6-Dinitrotoluene	0.322	0.303	5.9	109	0.00
52	C	Acenaphthene	1.142	1.093	4.3	111	0.00
53		3-Nitroaniline	0.320	0.318	0.6	113	0.00
54	P	2,4-Dinitrophenol	0.132	0.125	5.3	105	0.00
55		Dibenzofuran	1.770	1.642	7.2	107	0.00
56	P	4-Nitrophenol	0.150	0.157	-4.7	107	0.00
57		2,4-Dinitrotoluene	0.424	0.404	4.7	109	0.00
58		Fluorene	1.460	1.364	6.6	106	0.00
59		2,3,4,6-Tetrachlorophenol	0.337	0.357	-5.9	114	0.00
60		Diethylphthalate	1.462	1.386	5.2	109	0.00
61		4-Chlorophenyl-phenylether	0.733	0.686	6.4	108	0.00
62		4-Nitroaniline	0.334	0.325	2.7	108	0.00
63		Azobenzene	1.375	1.328	3.4	109	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
65		4,6-Dinitro-2-methylphenol	0.113	0.118	-4.4	107	0.00
66	c	n-Nitrosodiphenylamine	0.615	0.610	0.8	108	0.00
67		4-Bromophenyl-phenylether	0.224	0.203	9.4	98	0.00
68		Hexachlorobenzene	0.254	0.235	7.5	101	0.00
69		Atrazine	0.172	0.158	8.1	99	0.00
70	C	Pentachlorophenol	0.093	0.090	3.2	97	0.00
71		Phenanthrene	1.028	0.979	4.8	105	0.00
72		Anthracene	1.013	0.955	5.7	104	0.00
73		Carbazole	0.992	0.803	19.1	89	0.00
74		Di-n-butylphthalate	1.164	0.983	15.5	92	0.00
75	C	Fluoranthene	1.184	1.012	14.5	95	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	98	-0.01
77		Benzidine	0.408	0.374	8.3	91	0.00
78		Pyrene	1.779	1.677	5.7	97	0.00
79	S	Terphenyl-d14	1.268	1.191	6.1	97	0.00
80		Butylbenzylphthalate	0.654	0.649	0.8	99	0.00
81		Benzo(a)anthracene	1.417	1.436	-1.3	104	-0.01
82		3,3'-Dichlorobenzidine	0.428	0.411	4.0	98	-0.01
83		Chrysene	1.289	1.215	5.7	94	-0.01
84		Bis(2-ethylhexyl)phthalate	0.844	0.865	-2.5	103	-0.01
85	c	Di-n-octyl phthalate	1.277	1.306	-2.3	105	-0.04
86	I	Perylene-d12	1.000	1.000	0.0	107	-0.04
87		Indeno(1,2,3-cd)pyrene	1.248	1.241	0.6	105	-0.05
88		Benzo(b)fluoranthene	1.388	1.403	-1.1	116	-0.04
89		Benzo(k)fluoranthene	1.191	1.209	-1.5	106	-0.04
90	C	Benzo(a)pyrene	1.087	1.084	0.3	108	-0.04
91		Dibenzo(a,h)anthracene	1.034	1.040	-0.6	105	-0.05
92		Benzo(g,h,i)perylene	1.052	0.962	8.6	96	-0.05

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140863.D
Acq On : 16 Dec 2024 16:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Quant Time: Dec 16 17:02:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140863.D
Acq On : 16 Dec 2024 16:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Quant Time: Dec 16 17:02:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	113	0.00
2		1,4-Dioxane	40.000	32.360	19.1	95	-0.02
3		Pyridine	40.000	34.882	12.8	98	-0.02
4		n-Nitrosodimethylamine	40.000	33.984	15.0	97	-0.02
5	S	2-Fluorophenol	80.000	76.184	4.8	109	0.00
6		Aniline	40.000	39.644	0.9	112	0.00
7	S	Phenol-d6	80.000	76.229	4.7	111	0.00
8		2-Chlorophenol	40.000	38.761	3.1	112	0.00
9		Benzaldehyde	40.000	40.491	-1.2	118	0.00
10	C	Phenol	40.000	38.683	3.3	112	0.00
11		bis(2-Chloroethyl)ether	40.000	39.504	1.2	113	0.00
12		1,3-Dichlorobenzene	40.000	39.111	2.2	114	0.00
13	C	1,4-Dichlorobenzene	40.000	39.745	0.6	115	0.00
14		1,2-Dichlorobenzene	40.000	39.527	1.2	113	0.00
15		Benzyl Alcohol	40.000	39.782	0.5	113	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.970	-2.4	118	0.00
17		2-Methylphenol	40.000	40.189	-0.5	116	0.00
18		Hexachloroethane	40.000	39.568	1.1	115	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.861	0.3	118	0.00
20		3+4-Methylphenols	40.000	39.995	0.0	117	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	123	0.00
22		Acetophenone	40.000	36.536	8.7	114	0.00
23	S	Nitrobenzene-d5	80.000	75.408	5.7	118	0.00
24		Nitrobenzene	40.000	37.836	5.4	119	0.00
25		Isophorone	40.000	38.231	4.4	121	0.00
26	C	2-Nitrophenol	40.000	40.407	-1.0	125	0.00
27		2,4-Dimethylphenol	40.000	40.466	-1.2	125	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.334	-0.8	125	0.00
29	C	2,4-Dichlorophenol	40.000	39.658	0.9	124	0.00
30		1,2,4-Trichlorobenzene	40.000	38.332	4.2	120	0.00
31		Naphthalene	40.000	38.473	3.8	122	0.00
32		Benzoic acid	40.000	42.351	-5.9	129	0.00
33		4-Chloroaniline	40.000	37.650	5.9	117	0.00
34	C	Hexachlorobutadiene	40.000	36.462	8.8	113	0.00
35		Caprolactam	40.000	36.113	9.7	111	0.00
36	C	4-Chloro-3-methylphenol	40.000	35.477	11.3	111	0.00
37		2-Methylnaphthalene	40.000	37.337	6.7	116	0.00
38		1-Methylnaphthalene	40.000	36.969	7.6	116	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	113	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.668	3.3	115	0.00
41	P	Hexachlorocyclopentadiene	40.000	37.672	5.8	105	0.00
42	S	2,4,6-Tribromophenol	80.000	67.791	15.3	94	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.419	1.5	115	0.00
44		2,4,5-Trichlorophenol	40.000	39.895	0.3	117	0.00
45	S	2-Fluorobiphenyl	80.000	75.432	5.7	113	0.00
46		1,1'-Biphenyl	40.000	38.412	4.0	114	0.00
47		2-Chloronaphthalene	40.000	36.522	8.7	107	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140863.D
Acq On : 16 Dec 2024 16:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Quant Time: Dec 16 17:02:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	37.990	5.0	110	0.00
49		Acenaphthylene	40.000	37.651	5.9	109	0.00
50		Dimethylphthalate	40.000	36.704	8.2	107	0.00
51		2,6-Dinitrotoluene	40.000	37.595	6.0	109	0.00
52	C	Acenaphthene	40.000	38.275	4.3	111	0.00
53		3-Nitroaniline	40.000	39.722	0.7	113	0.00
54	P	2,4-Dinitrophenol	40.000	35.766	10.6	105	0.00
55		Dibenzofuran	40.000	37.113	7.2	107	0.00
56	P	4-Nitrophenol	40.000	38.834	2.9	107	0.00
57		2,4-Dinitrotoluene	40.000	38.076	4.8	109	0.00
58		Fluorene	40.000	37.370	6.6	106	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.405	-6.0	114	0.00
60		Diethylphthalate	40.000	37.926	5.2	109	0.00
61		4-Chlorophenyl-phenylether	40.000	37.398	6.5	108	0.00
62		4-Nitroaniline	40.000	38.912	2.7	108	0.00
63		Azobenzene	40.000	38.657	3.4	109	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	106	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.637	-4.1	107	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.710	0.7	108	0.00
67		4-Bromophenyl-phenylether	40.000	36.329	9.2	98	0.00
68		Hexachlorobenzene	40.000	37.132	7.2	101	0.00
69		Atrazine	40.000	36.838	7.9	99	0.00
70	C	Pentachlorophenol	40.000	38.679	3.3	97	0.00
71		Phenanthrene	40.000	38.078	4.8	105	0.00
72		Anthracene	40.000	37.720	5.7	104	0.00
73		Carbazole	40.000	32.390	19.0	89	0.00
74		Di-n-butylphthalate	40.000	33.782	15.5	92	0.00
75	C	Fluoranthene	40.000	34.163	14.6	95	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	98	-0.01
77		Benzidine	40.000	36.642	8.4	91	0.00
78		Pyrene	40.000	37.714	5.7	97	0.00
79	S	Terphenyl-d14	80.000	75.108	6.1	97	0.00
80		Butylbenzylphthalate	40.000	39.692	0.8	99	0.00
81		Benzo(a)anthracene	40.000	40.525	-1.3	104	-0.01
82		3,3'-Dichlorobenzidine	40.000	38.459	3.9	98	-0.01
83		Chrysene	40.000	37.695	5.8	94	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	40.982	-2.5	103	-0.01
85	c	Di-n-octyl phthalate	40.000	40.907	-2.3	105	-0.04
86	I	Perylene-d12	20.000	20.000	0.0	107	-0.04
87		Indeno(1,2,3-cd)pyrene	40.000	39.762	0.6	105	-0.05
88		Benzo(b)fluoranthene	40.000	40.410	-1.0	116	-0.04
89		Benzo(k)fluoranthene	40.000	40.601	-1.5	106	-0.04
90	C	Benzo(a)pyrene	40.000	39.873	0.3	108	-0.04
91		Dibenzo(a,h)anthracene	40.000	40.237	-0.6	105	-0.05
92		Benzo(g,h,i)perylene	40.000	36.565	8.6	96	-0.05

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140863.D
Acq On : 16 Dec 2024 16:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Quant Time: Dec 16 17:02:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BF140896.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG No.: P5291

Instrument ID: BNA_F Calibration Date/Time: 12/18/2024 10:43

Lab File ID: BF140896.D Init. Calib. Date(s): 12/16/2024 12/16/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:13 16:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.215	1.202		-1.1	
Benzaldehyde	0.892	0.843		-5.5	
Phenol-d6	1.609	1.679		4.4	
Phenol	1.668	1.768		6.0	20.0
bis(2-Chloroethyl)ether	1.244	1.215		-2.3	
2-Chlorophenol	1.325	1.306		-1.4	
2-Methylphenol	1.058	0.992		-6.2	
2,2-oxybis(1-Chloropropane)	1.465	1.374		-6.2	
Acetophenone	0.500	0.532		6.4	
3+4-Methylphenols	1.403	1.371		-2.3	
n-Nitroso-di-n-propylamine	0.965	0.916	0.050	-5.1	
Nitrobenzene-d5	0.400	0.432		8.0	
Hexachloroethane	0.570	0.558		-2.1	
Nitrobenzene	0.410	0.445		8.5	
Isophorone	0.670	0.725		8.2	
2-Nitrophenol	0.189	0.213		12.7	20.0
2,4-Dimethylphenol	0.220	0.246		11.8	
bis(2-Chloroethoxy)methane	0.418	0.387		-7.4	
2,4-Dichlorophenol	0.304	0.299		-1.6	20.0
Naphthalene	1.099	1.068		-2.8	
4-Chloroaniline	0.365	0.363		-0.5	
Hexachlorobutadiene	0.235	0.220		-6.4	20.0
Caprolactam	0.091	0.095		4.4	
4-Chloro-3-methylphenol	0.342	0.334		-2.3	20.0
2-Methylnaphthalene	0.727	0.705		-3.0	
Hexachlorocyclopentadiene	0.153	0.115	0.050	-24.8	
2,4,6-Trichlorophenol	0.376	0.387		2.9	20.0
2-Fluorobiphenyl	1.455	1.461		0.4	
2,4,5-Trichlorophenol	0.414	0.423		2.2	
1,1-Biphenyl	1.590	1.606		1.0	
2-Chloronaphthalene	1.217	1.244		2.2	
2-Nitroaniline	0.367	0.399		8.7	
Dimethylphthalate	1.410	1.402		-0.6	
Acenaphthylene	1.788	1.740		-2.7	
2,6-Dinitrotoluene	0.322	0.351		9.0	
3-Nitroaniline	0.320	0.325		1.6	
Acenaphthene	1.142	1.107		-3.1	20.0
2,4-Dinitrophenol	0.132	0.126	0.050	-4.5	
4-Nitrophenol	0.150	0.127	0.050	-15.3	

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: PARS02

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG No.: P5291

Instrument ID: BNA_F Calibration Date/Time: 12/18/2024 10:43

Lab File ID: BF140896.D Init. Calib. Date(s): 12/16/2024 12/16/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:13 16:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.770	1.696		-4.2	
2,4-Dinitrotoluene	0.424	0.422		-0.5	
Diethylphthalate	1.462	1.386		-5.2	
4-Chlorophenyl-phenylether	0.733	0.699		-4.6	
Fluorene	1.460	1.412		-3.3	
4-Nitroaniline	0.334	0.337		0.9	
4,6-Dinitro-2-methylphenol	0.113	0.113		0.0	
n-Nitrosodiphenylamine	0.615	0.583		-5.2	20.0
2,4,6-Tribromophenol	0.237	0.227		-4.2	
4-Bromophenyl-phenylether	0.224	0.210		-6.3	
Hexachlorobenzene	0.254	0.245		-3.5	
Atrazine	0.172	0.155		-9.9	
Pentachlorophenol	0.093	0.075		-19.4	20.0
Phenanthrene	1.028	0.979		-4.8	
Anthracene	1.013	0.861		-15.0	
Carbazole	0.992	0.868		-12.5	
Di-n-butylphthalate	1.164	1.072		-7.9	
Fluoranthene	1.184	1.117		-5.7	20.0
Pyrene	1.779	1.585		-10.9	
Terphenyl-d14	1.268	1.148		-9.5	
Butylbenzylphthalate	0.654	0.695		6.3	
3,3-Dichlorobenzidine	0.428	0.409		-4.4	
Benzo(a)anthracene	1.417	1.357		-4.2	
Chrysene	1.289	1.234		-4.3	
Bis(2-ethylhexyl)phthalate	0.844	0.864		2.4	
Di-n-octyl phthalate	1.277	1.232		-3.5	20.0
Benzo(b)fluoranthene	1.388	1.313		-5.4	
Benzo(k)fluoranthene	1.191	1.091		-8.4	
Benzo(a)pyrene	1.087	1.076		-1.0	20.0
Indeno(1,2,3-cd)pyrene	1.248	1.078		-13.6	
Dibenzo(a,h)anthracene	1.034	0.889		-14.0	
Benzo(g,h,i)perylene	1.052	0.922		-12.4	
1,2,4,5-Tetrachlorobenzene	0.615	0.611		-0.6	
1,4-Dioxane	0.523	0.530		1.3	20.0
2,3,4,6-Tetrachlorophenol	0.337	0.329		-2.4	

All other compounds must meet a minimum RRF of 0.010.

Sample Results: **BF140896.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140896.D
Acq On : 18 Dec 2024 10:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 18 11:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	88984	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	307954	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	178243	20.000	ng		0.00
64) Phenanthrene-d10	11.381	188	366627	20.000	ng		0.00
76) Chrysene-d12	14.039	240	240438	20.000	ng		0.00
86) Perylene-d12	15.533	264	194500	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	427889	79.159	ng		0.00
7) Phenol-d6	6.504	99	597686	83.480	ng		0.00
23) Nitrobenzene-d5	7.422	82	532087	86.444	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	161917	76.807	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1041367	80.324	ng		0.00
79) Terphenyl-d14	12.963	244	1104054	72.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	94347	40.522	ng		100
3) Pyridine	3.381	79	233336	43.274	ng		98
4) n-Nitrosodimethylamine	3.334	42	110417	40.621	ng		91
6) Aniline	6.516	93	261704	42.751	ng		94
8) 2-Chlorophenol	6.646	128	232390	39.424	ng		98
9) Benzaldehyde	6.410	77	150021	37.817	ng		99
10) Phenol	6.516	94	314661	42.405	ng		97
11) bis(2-Chloroethyl)ether	6.587	93	216145	39.059	ng		99
12) 1,3-Dichlorobenzene	6.793	146	276948	41.232	ng		97
13) 1,4-Dichlorobenzene	6.869	146	263067	38.584	ng		99
14) 1,2-Dichlorobenzene	7.022	146	252017	39.176	ng		98
15) Benzyl Alcohol	6.998	79	202788	39.614	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	244590	37.520	ng		88
17) 2-Methylphenol	7.122	107	176457	37.495	ng		99
18) Hexachloroethane	7.357	117	99231	39.095	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	163032	37.961	ng		99
20) 3+4-Methylphenols	7.275	107	243944	39.090	ng	#	84
22) Acetophenone	7.263	105	327939	42.570	ng		97
24) Nitrobenzene	7.440	77	273781	43.417	ng		98
25) Isophorone	7.675	82	446475	43.291	ng		99
26) 2-Nitrophenol	7.751	139	131014	45.111	ng		98
27) 2,4-Dimethylphenol	7.793	122	151292	44.606	ng		100
28) bis(2-Chloroethoxy)met...	7.881	93	238096	36.963	ng		98
29) 2,4-Dichlorophenol	8.004	162	184274	39.353	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	203456	37.902	ng		98
31) Naphthalene	8.151	128	657484	38.867	ng		99
32) Benzoic acid	7.945	122	111391	34.629	ng		99
33) 4-Chloroaniline	8.210	127	223603	39.799	ng		98
34) Hexachlorobutadiene	8.263	225	135668	37.565	ng		98
35) Caprolactam	8.592	113	58418	41.905	ng		99
36) 4-Chloro-3-methylphenol	8.704	107	205860	39.060	ng		100
37) 2-Methylnaphthalene	8.845	142	434406	38.821	ng		100
38) 1-Methylnaphthalene	8.945	142	434919	39.299	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	217966	39.785	ng		100
41) Hexachlorocyclopentadiene	8.992	237	41145	34.386	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	137937	41.118	ng		100

Sample Results: **BF140896.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140896.D
Acq On : 18 Dec 2024 10:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 18 11:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	150716	40.876 ng	98
46) 1,1'-Biphenyl	9.310	154	572589	40.398 ng	99
47) 2-Chloronaphthalene	9.334	162	443599	40.911 ng	98
48) 2-Nitroaniline	9.439	65	142204	43.425 ng	99
49) Acenaphthylene	9.751	152	620347	38.931 ng	99
50) Dimethylphthalate	9.610	163	499849	39.776 ng	100
51) 2,6-Dinitrotoluene	9.681	165	125234	43.593 ng	95
52) Acenaphthene	9.922	154	394595	38.767 ng	100
53) 3-Nitroaniline	9.857	138	115732	40.594 ng	98
54) 2,4-Dinitrophenol	9.981	184	44877	35.939 ng	93
55) Dibenzofuran	10.092	168	604503	38.326 ng	99
56) 4-Nitrophenol	10.045	139	45251	32.311 ng	96
57) 2,4-Dinitrotoluene	10.092	165	150570	39.835 ng	99
58) Fluorene	10.439	166	503521	38.696 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	117166	38.997 ng	98
60) Diethylphthalate	10.304	149	494005	37.910 ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	249126	38.114 ng	97
62) 4-Nitroaniline	10.475	138	120131	40.323 ng	98
63) Azobenzene	10.586	77	471847	38.516 ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	82494	39.708 ng	96
66) n-Nitrosodiphenylamine	10.551	169	427813	37.953 ng	100
67) 4-Bromophenyl-phenylether	10.916	248	154240	37.605 ng	99
68) Hexachlorobenzene	10.992	284	180011	38.710 ng	99
69) Atrazine	11.075	200	113378	36.014 ng	99
70) Pentachlorophenol	11.198	266	54868	32.272 ng	98
71) Phenanthrene	11.404	178	717898	38.078 ng	99
72) Anthracene	11.457	178	631201	33.996 ng	99
73) Carbazole	11.616	167	636140	34.980 ng	100
74) Di-n-butylphthalate	11.933	149	786391	36.845 ng	100
75) Fluoranthene	12.598	202	818711	37.706 ng	99
77) Benzidine	12.722	184	215896	43.995 ng	100
78) Pyrene	12.827	202	762368	35.656 ng	99
80) Butylbenzylphthalate	13.433	149	334058	42.462 ng	99
81) Benzo(a)anthracene	14.027	228	652734	38.305 ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	196478	38.216 ng	100
83) Chrysene	14.063	228	593332	38.290 ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	415546	40.964 ng	100
85) Di-n-octyl phthalate	14.621	149	592446	38.603 ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	419359	34.551 ng	98
88) Benzo(b)fluoranthene	15.098	252	510681	37.825 ng	100
89) Benzo(k)fluoranthene	15.127	252	424287	36.635 ng	100
90) Benzo(a)pyrene	15.474	252	418720	39.607 ng	100
91) Dibenzo(a,h)anthracene	17.057	278	345837	34.393 ng	98
92) Benzo(g,h,i)perylene	17.510	276	358807	35.060 ng	99

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

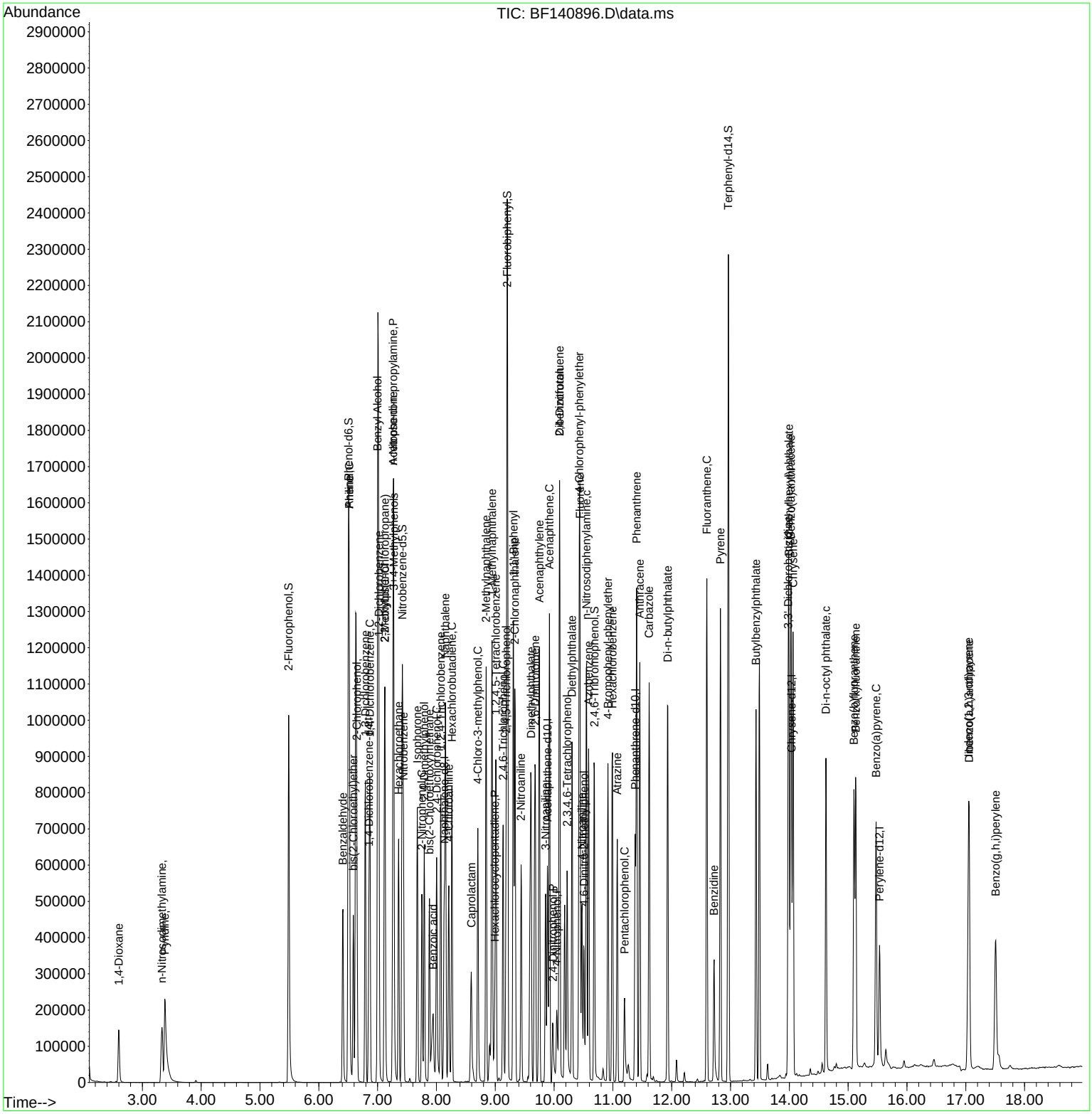
Quantitation Report (QT Reviewed)

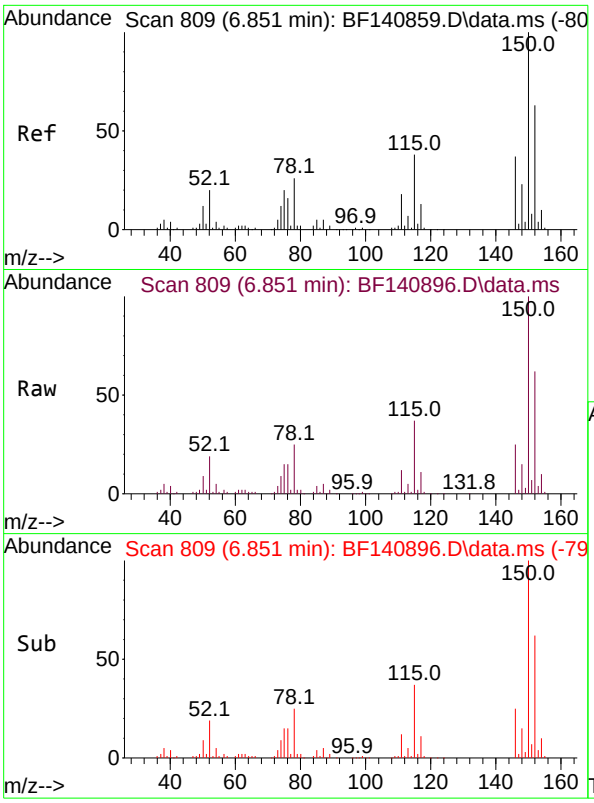
Sample Results: **BF140896.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140896.D
Acq On : 18 Dec 2024 10:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 18 11:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



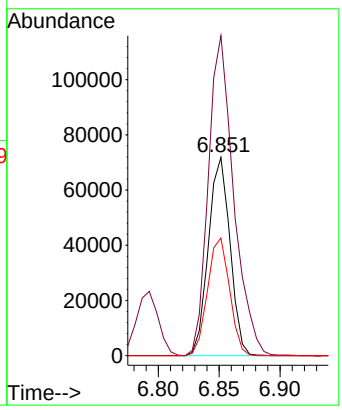


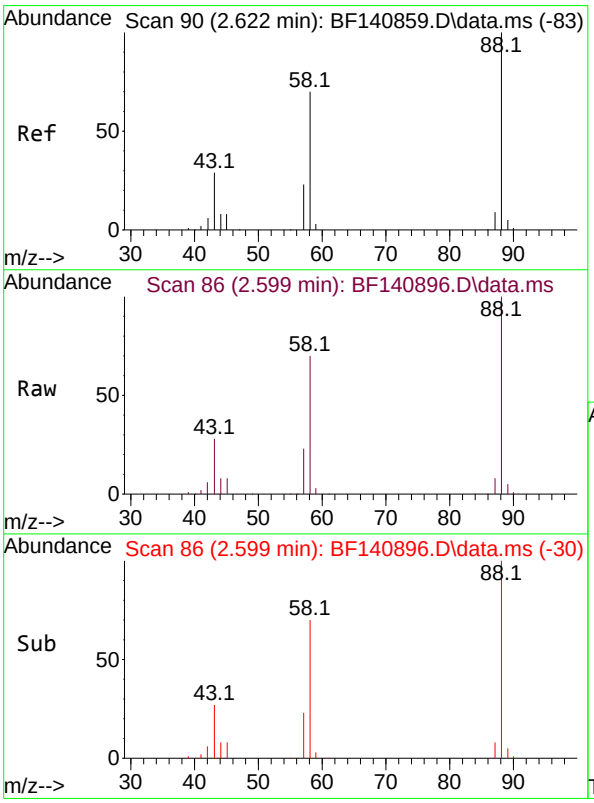
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 88984

Ion	Ratio	Lower	Upper
152	100		
150	161.4	127.9	191.9
115	59.4	48.0	72.0

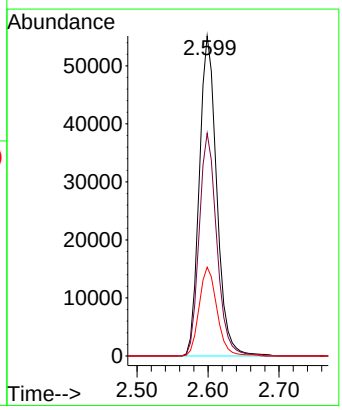


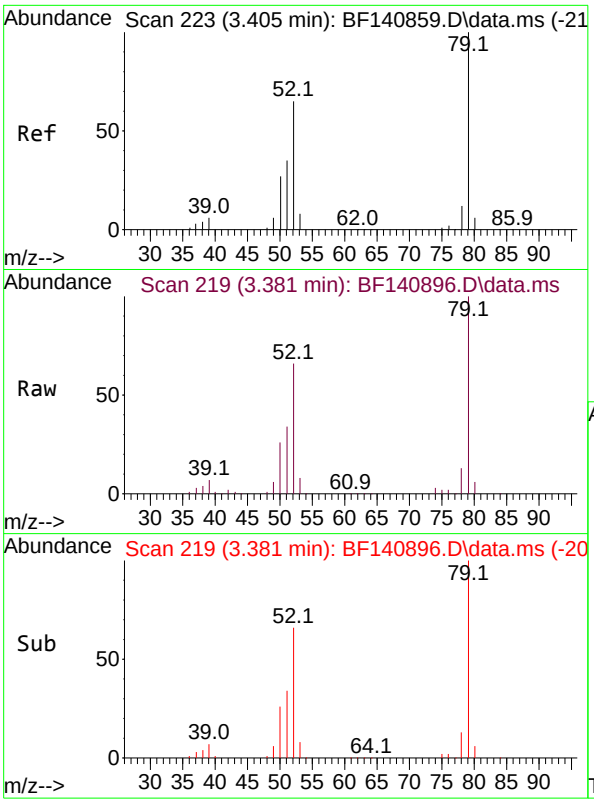


#2
1,4-Dioxane
Concen: 40.522 ng
RT: 2.599 min Scan# 86
Delta R.T. -0.024 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 88 Resp: 94347

Ion	Ratio	Lower	Upper
88	100		
58	70.3	55.8	83.8
43	28.3	22.7	34.1



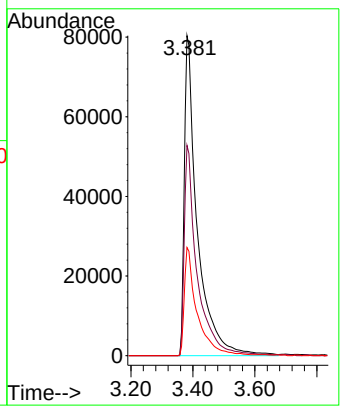


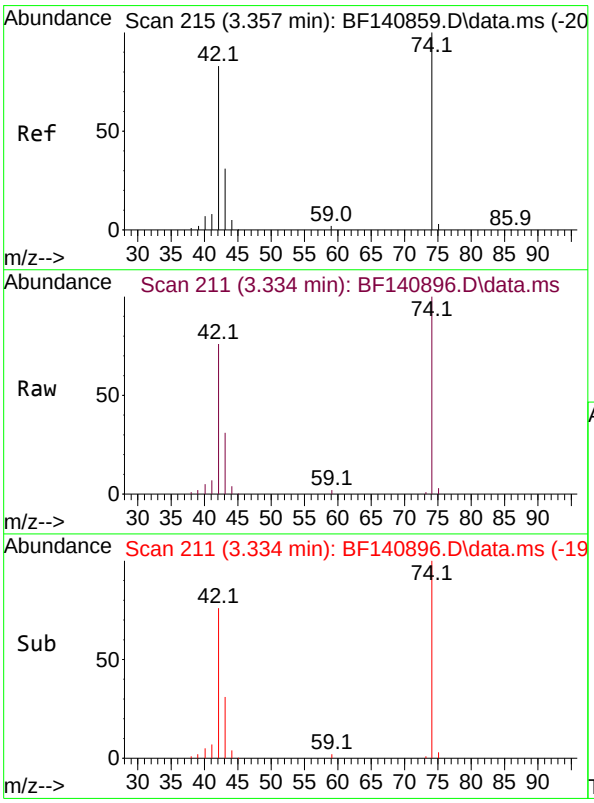
#3
Pyridine
Concen: 43.274 ng
RT: 3.381 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 233336

Ion	Ratio	Lower	Upper
79	100		
52	65.7	51.7	77.5
51	33.8	28.2	42.4

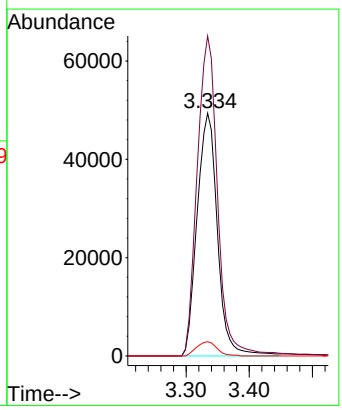


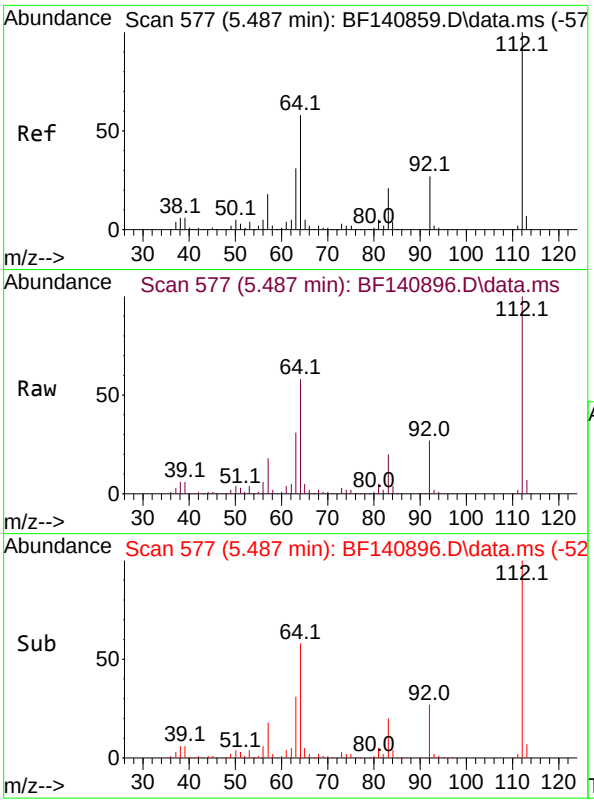


#4
n-Nitrosodimethylamine
Concen: 40.621 ng
RT: 3.334 min Scan# 211
Delta R.T. -0.024 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 42 Resp: 110417

Ion	Ratio	Lower	Upper
42	100		
74	131.8	96.9	145.3
44	5.9	4.4	6.6



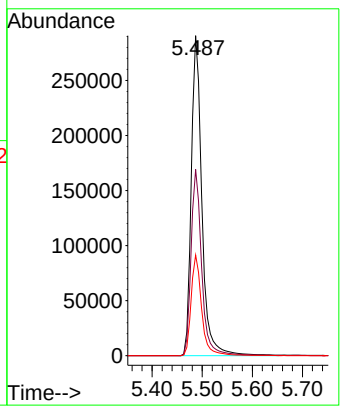


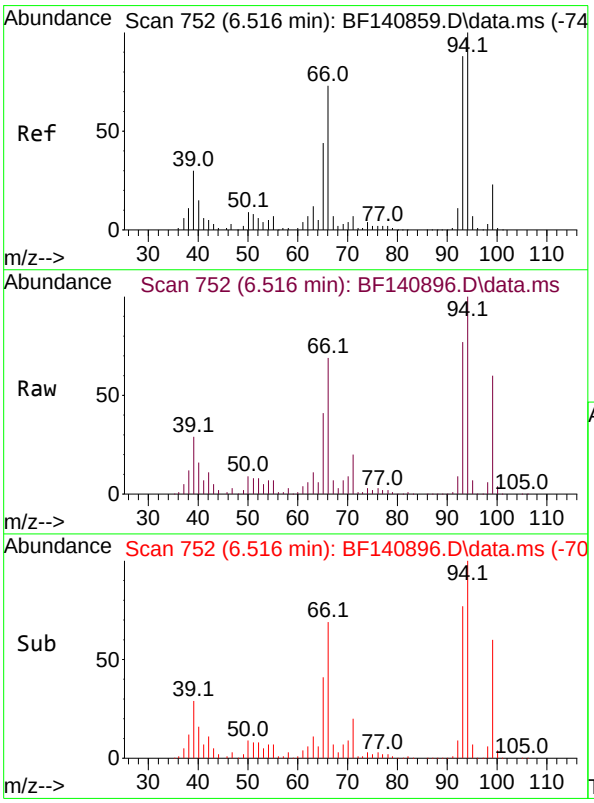
#5
2-Fluorophenol
Concen: 79.159 ng
RT: 5.487 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 427889

Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.1	69.1
63	31.5	24.9	37.3

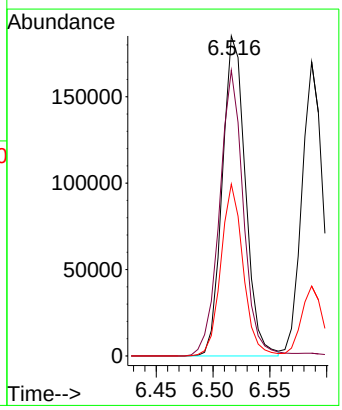


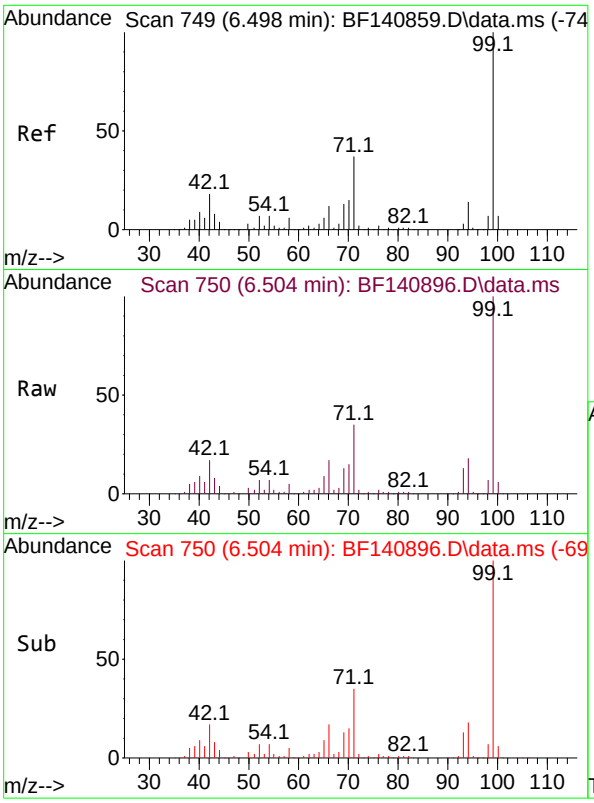


#6
Aniline
Concen: 42.751 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 93 Resp: 261704

Ion	Ratio	Lower	Upper
93	100		
66	89.3	67.0	100.4
65	53.7	40.4	60.6



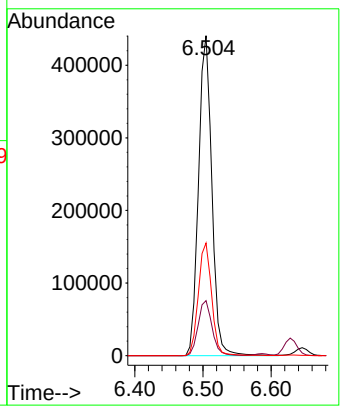


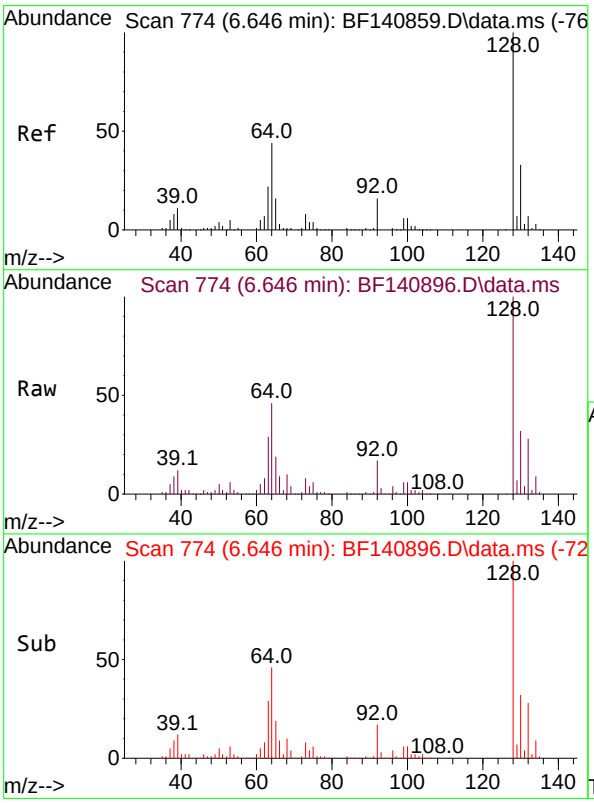
#7
Phenol-d6
Concen: 83.480 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 597686

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.3	21.5
71	35.2	29.9	44.9

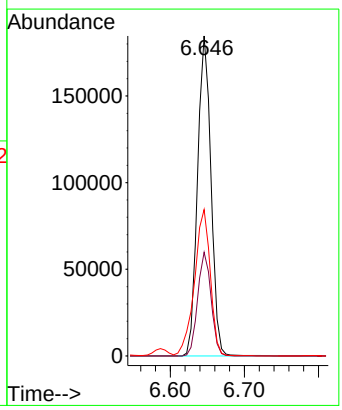


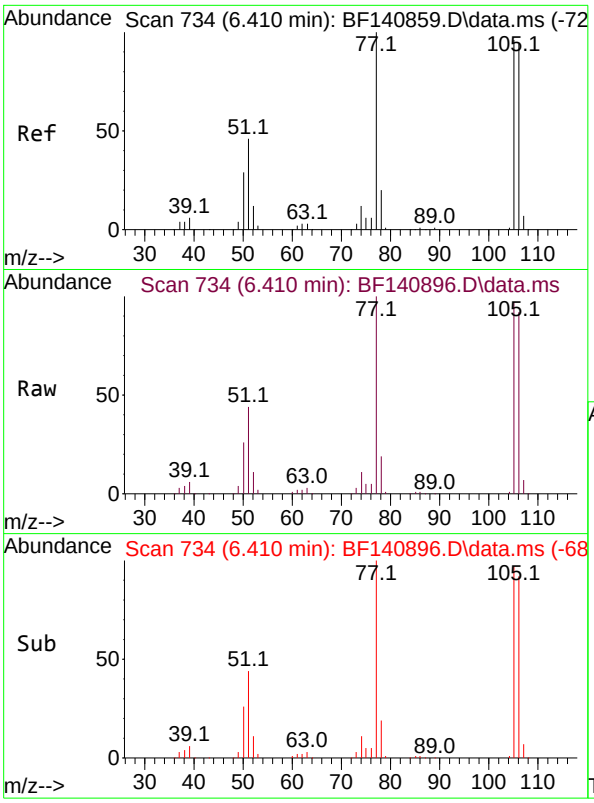


#8
2-Chlorophenol
Concen: 39.424 ng
RT: 6.646 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:128 Resp: 232390

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	45.7	24.3	64.3



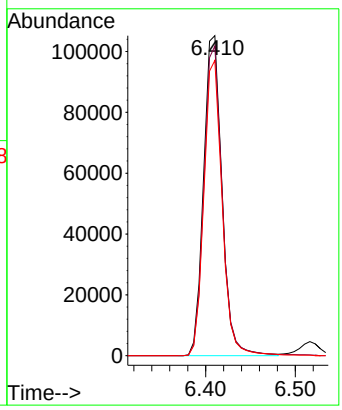


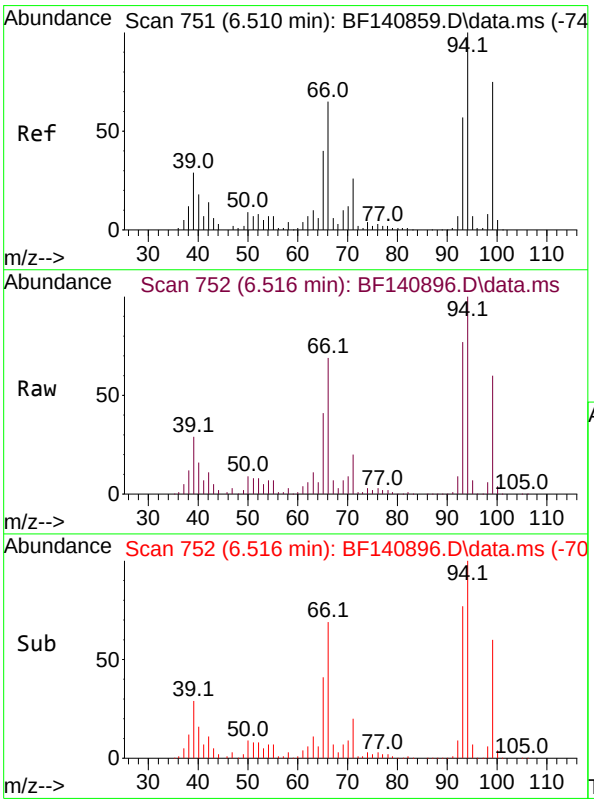
#9
Benzaldehyde
Concen: 37.817 ng
RT: 6.410 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 150021

Ion	Ratio	Lower	Upper
77	100		
105	96.7	75.8	115.8
106	92.2	74.1	114.1

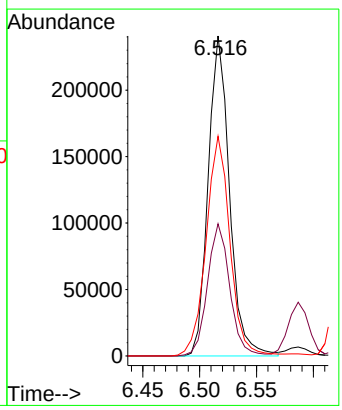


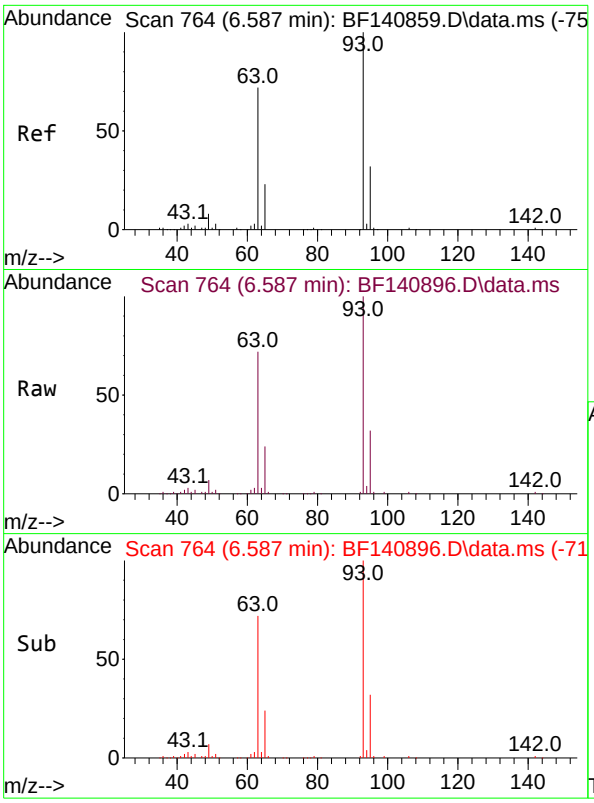


#10
Phenol
Concen: 42.405 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 94 Resp: 314661

Ion	Ratio	Lower	Upper
94	100		
65	41.3	19.9	59.9
66	68.7	45.6	85.6



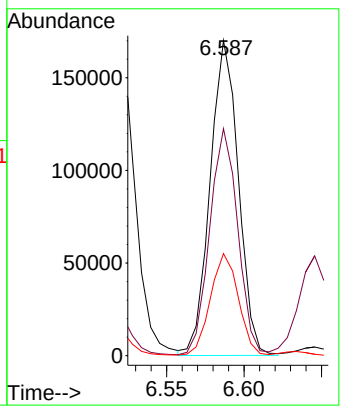


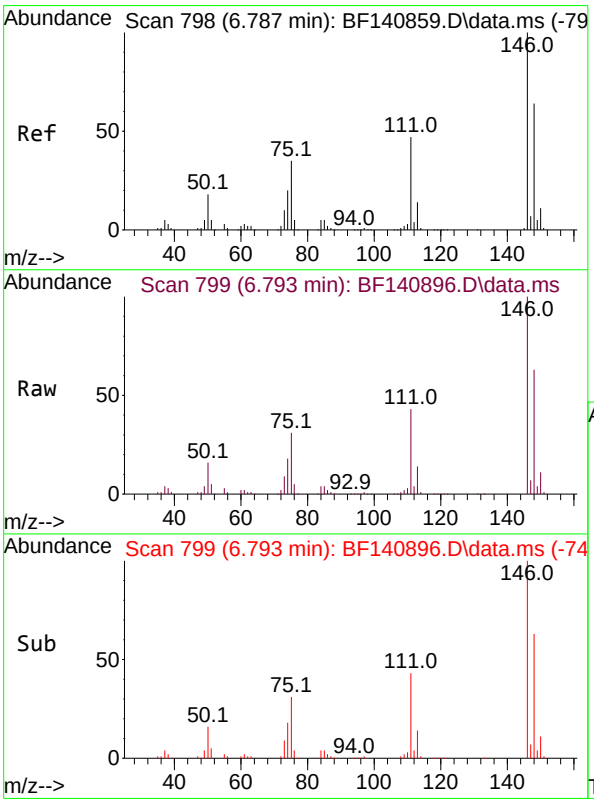
#11
bis(2-Chloroethyl)ether
Concen: 39.059 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 216145

Ion	Ratio	Lower	Upper
93	100		
63	72.0	51.0	91.0
95	32.4	12.0	52.0

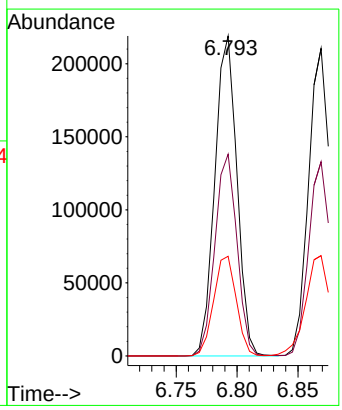


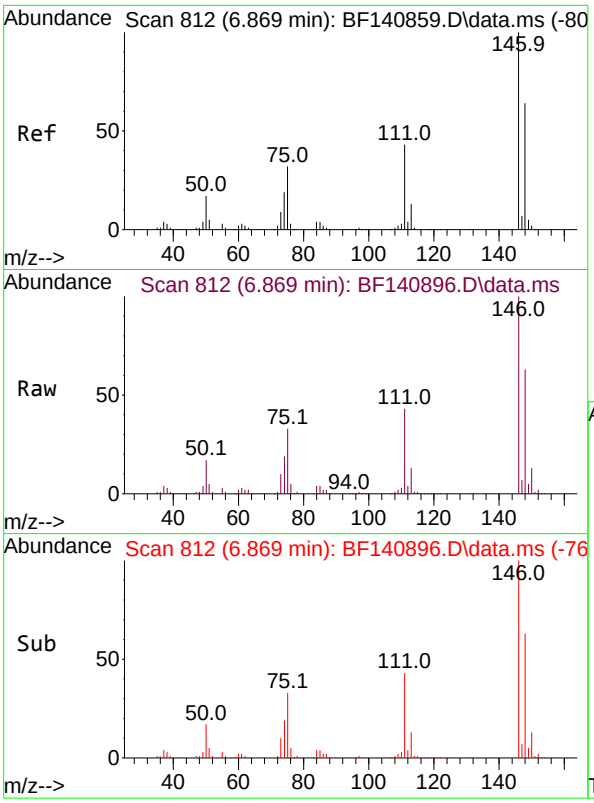


#12
1,3-Dichlorobenzene
Concen: 41.232 ng
RT: 6.793 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:146 Resp: 276948

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.0	76.6
75	31.2	28.1	42.1



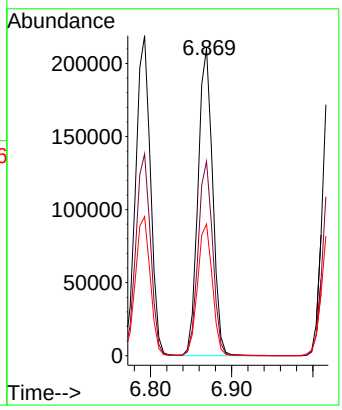


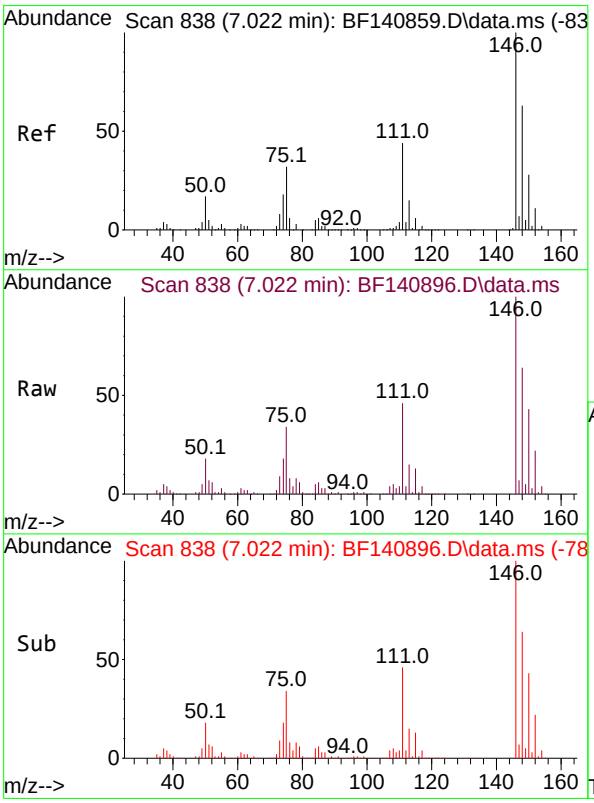
#13
1,4-Dichlorobenzene
Concen: 38.584 ng
RT: 6.869 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 263067

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.3	76.9
111	42.8	34.4	51.6

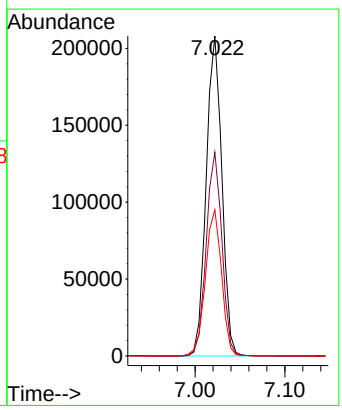


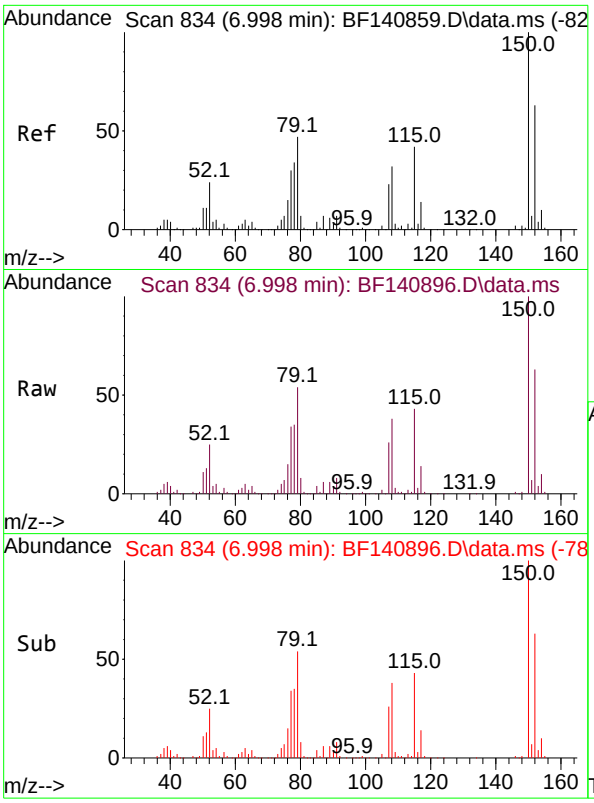


#14
1,2-Dichlorobenzene
Concen: 39.176 ng
RT: 7.022 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:146 Resp: 252017

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.0	75.0
111	45.7	35.6	53.4



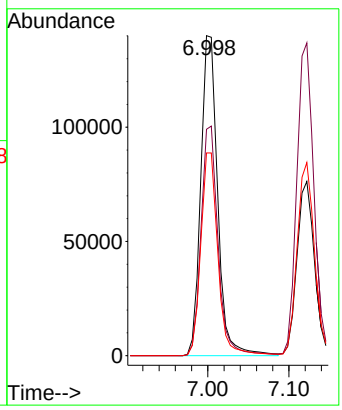


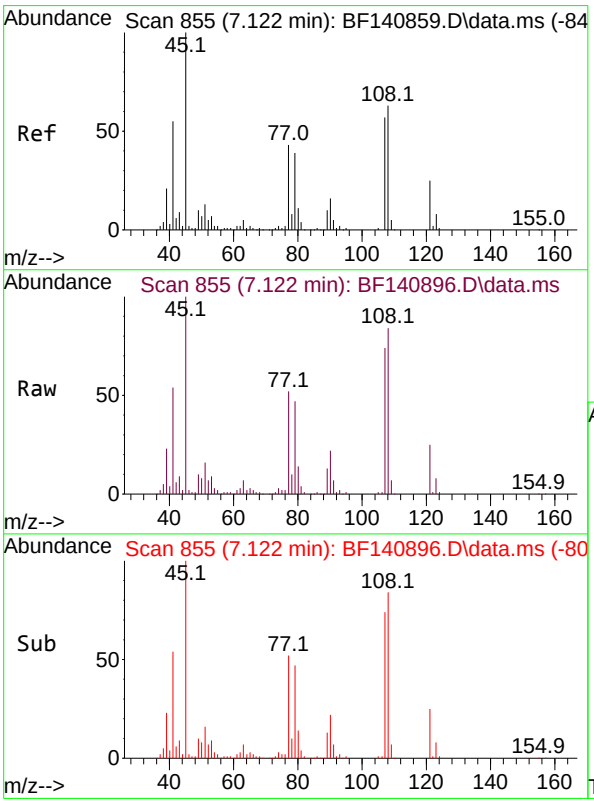
#15
Benzyl Alcohol
Concen: 39.614 ng
RT: 6.998 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 202788

Ion	Ratio	Lower	Upper
79	100		
108	70.8	55.1	82.7
77	63.4	50.6	76.0

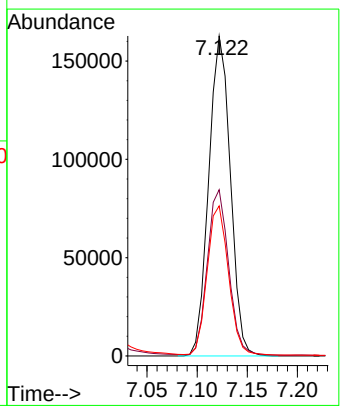


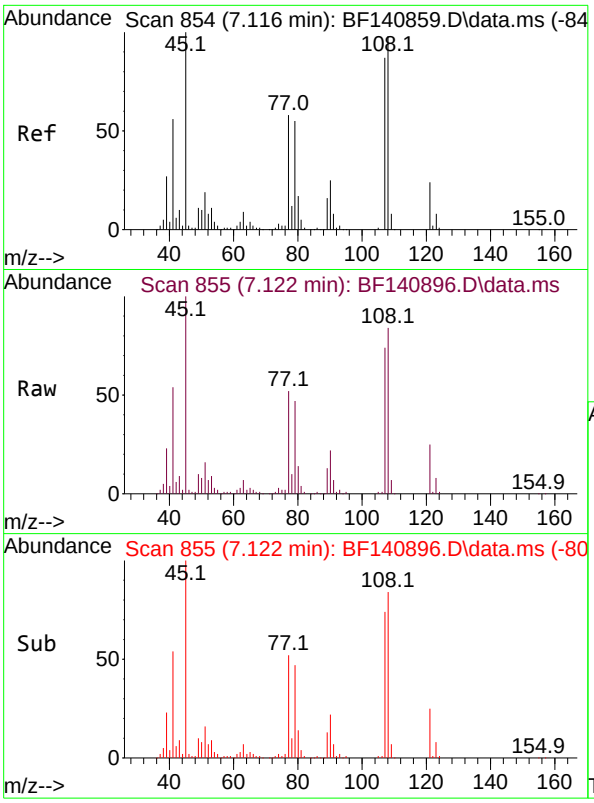


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.520 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 45 Resp: 244590

Ion	Ratio	Lower	Upper
45	100		
77	52.0	23.3	63.3
79	46.9	20.0	60.0



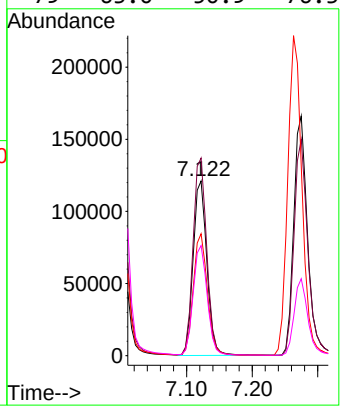


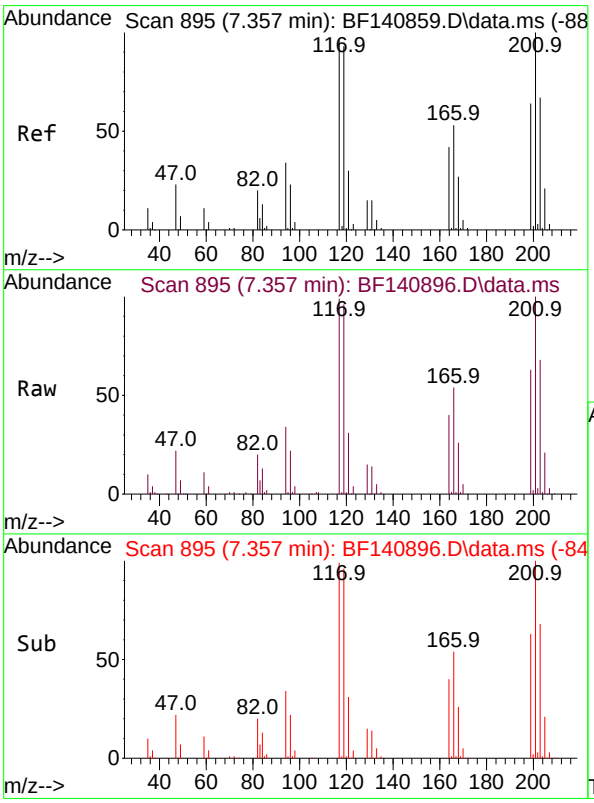
#17
2-Methylphenol
Concen: 37.495 ng
RT: 7.122 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 176457

Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.2	135.4
77	69.8	53.8	80.6
79	63.0	50.9	76.3

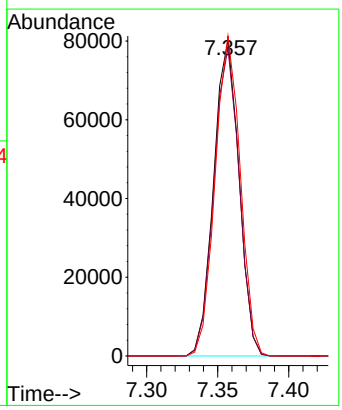


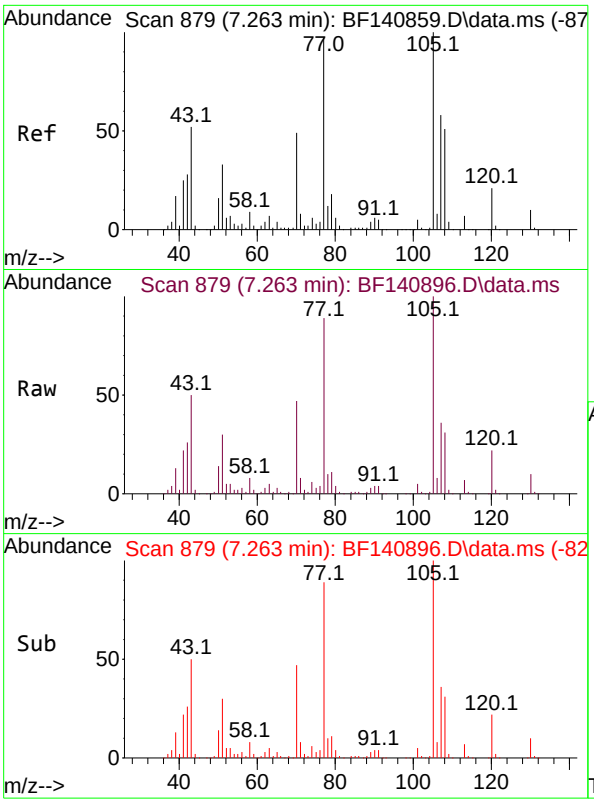


#18
Hexachloroethane
Concen: 39.095 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:117 Resp: 99231

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.4	116.0
201	101.2	83.4	125.0



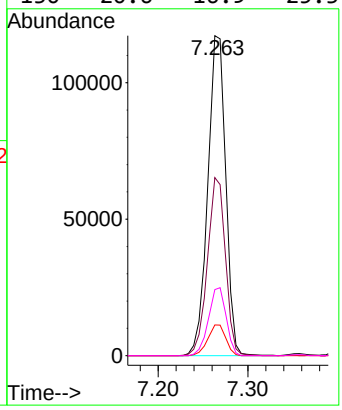


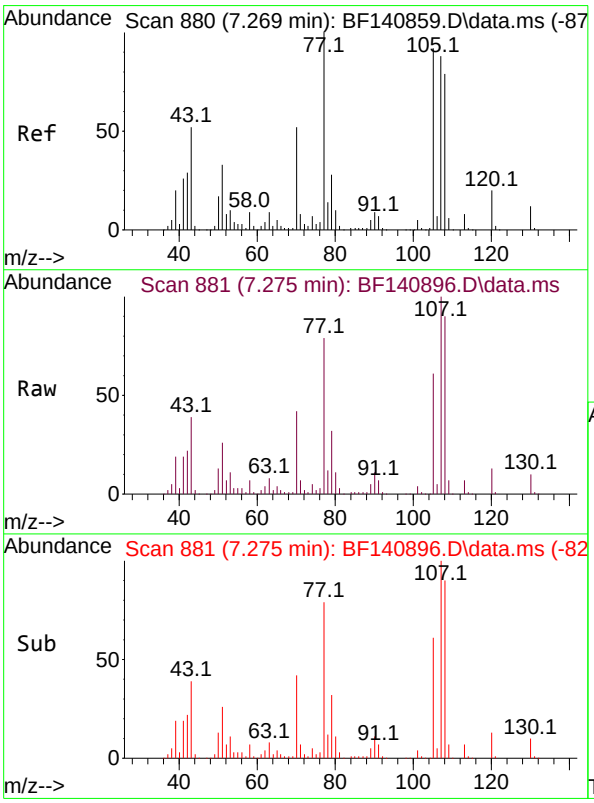
#19
n-Nitroso-di-n-propylamine
Concen: 37.961 ng
RT: 7.263 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 163032

Ion	Ratio	Lower	Upper
70	100		
42	55.6	45.3	67.9
101	9.6	8.0	12.0
130	20.6	16.9	25.3

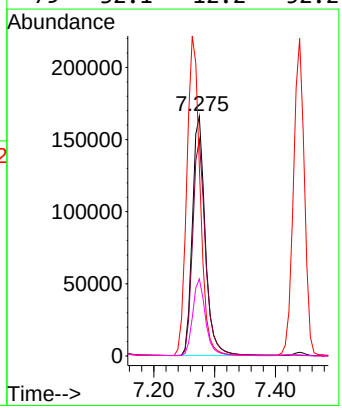


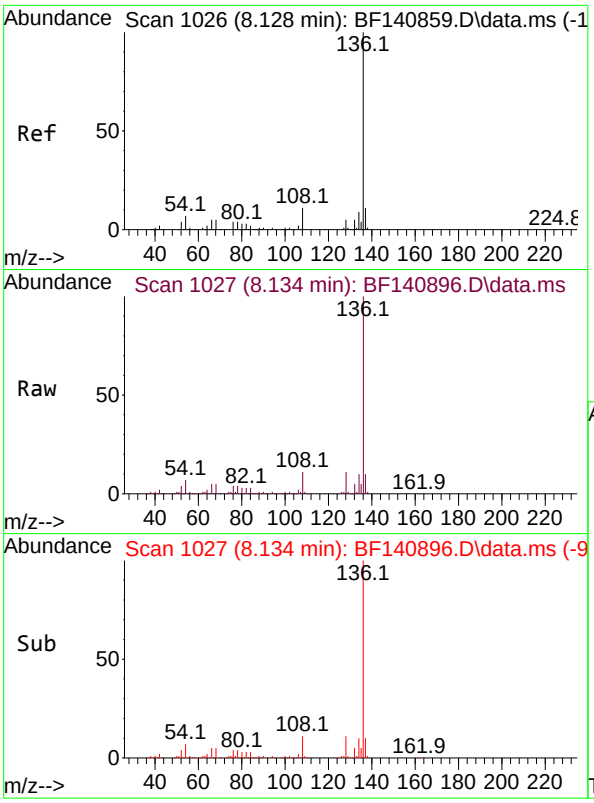


#20
3+4-Methylphenols
Concen: 39.090 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:107 Resp: 243944

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.1	110.1
77	79.2	94.4	134.4#
79	32.1	12.2	52.2



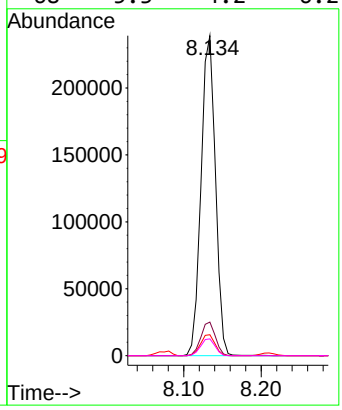


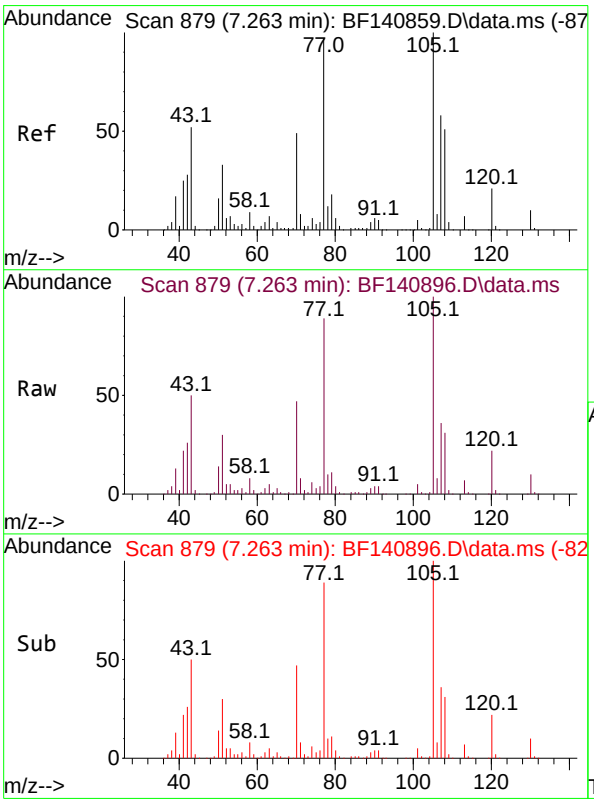
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 307954

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.5	5.6	8.4
68	5.3	4.2	6.2

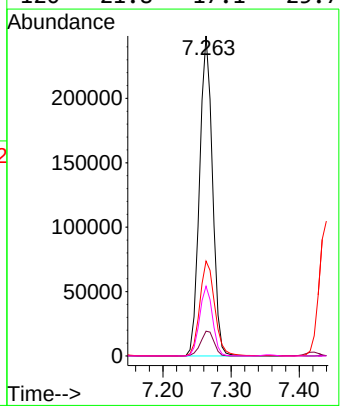


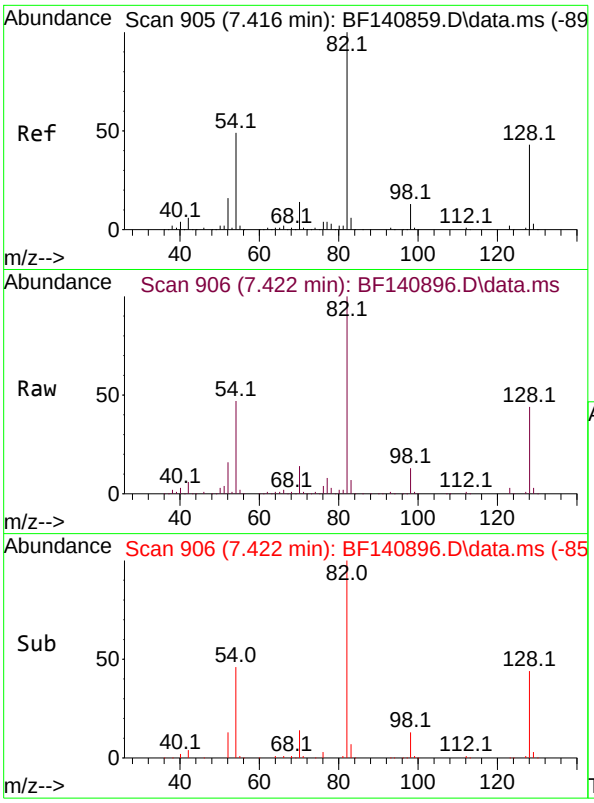


#22
Acetophenone
Concen: 42.570 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:105 Resp: 327939

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.2	9.4
51	29.6	26.3	39.5
120	21.8	17.1	25.7



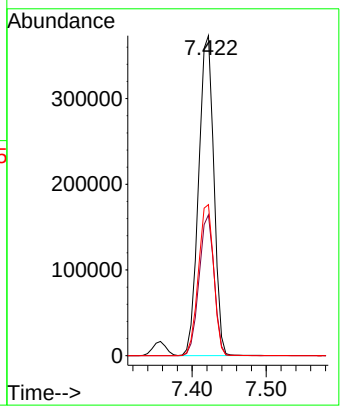


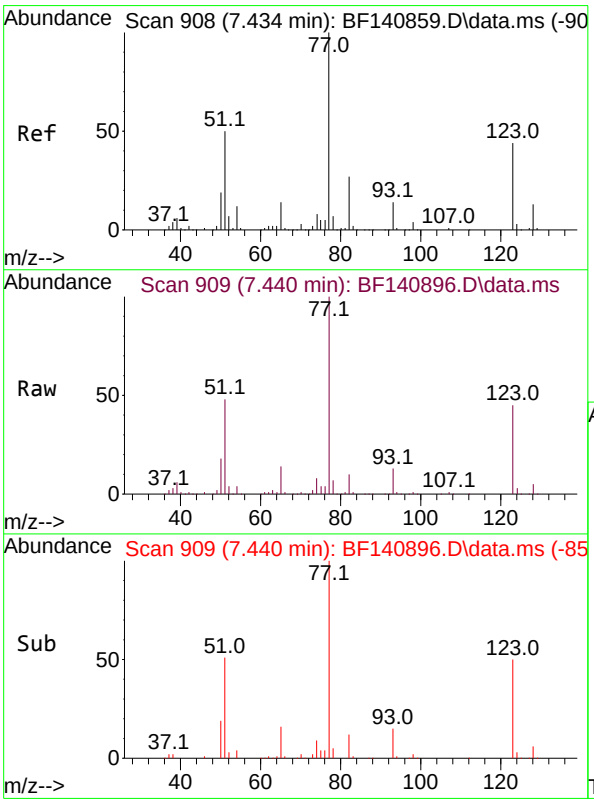
#23
Nitrobenzene-d5
Concen: 86.444 ng
RT: 7.422 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 532087

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.4	51.6
54	47.2	38.8	58.2

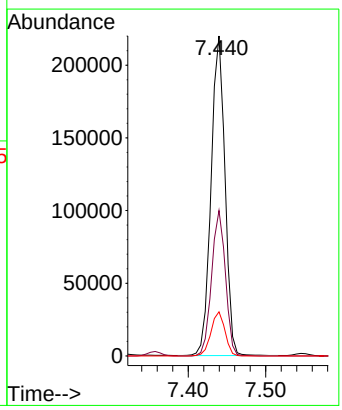


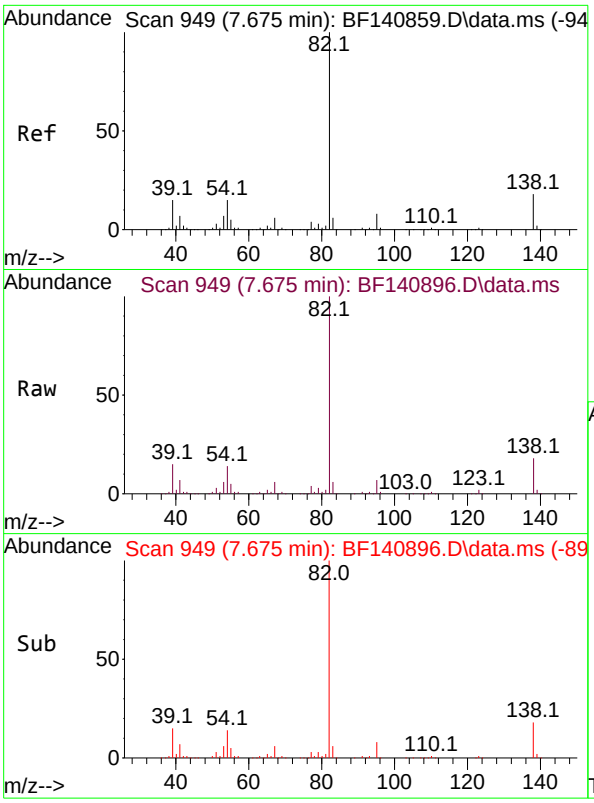


#24
Nitrobenzene
Concen: 43.417 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 77 Resp: 273781

Ion	Ratio	Lower	Upper
77	100		
123	45.5	35.0	52.4
65	13.8	11.4	17.0



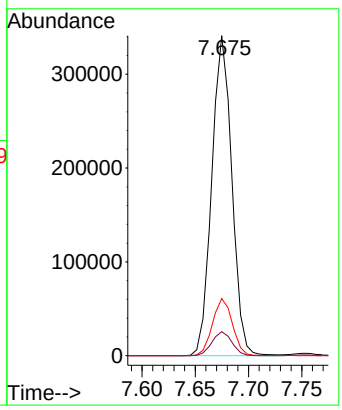


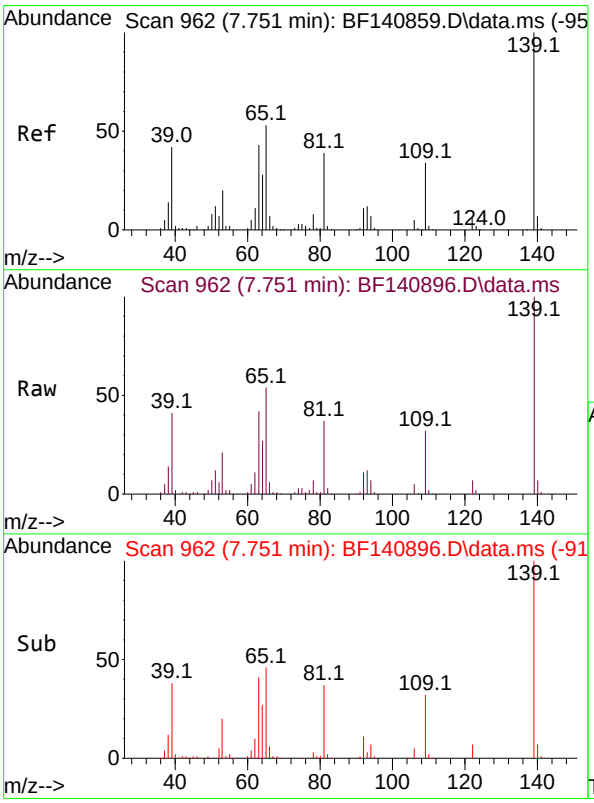
#25
Isophorone
Concen: 43.291 ng
RT: 7.675 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 446475

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.3	9.5
138	17.8	14.1	21.1

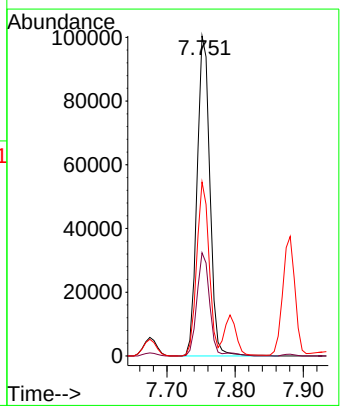


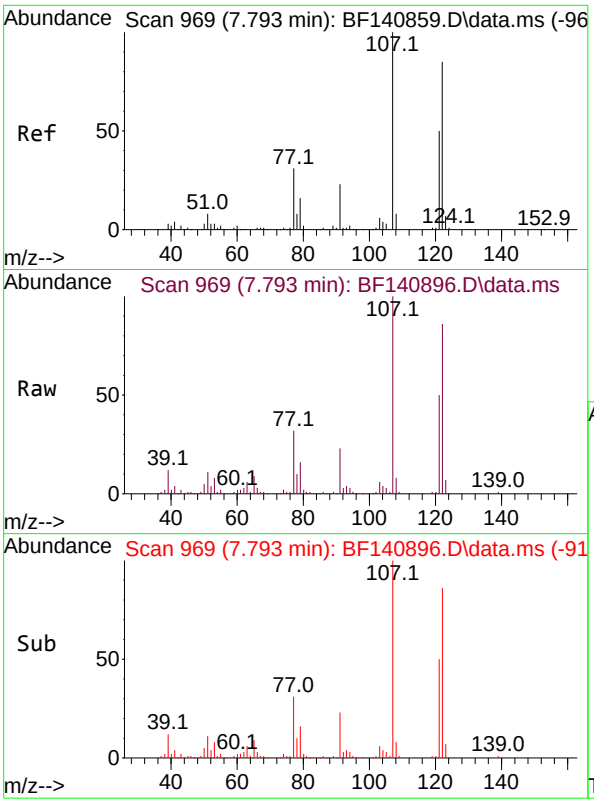


#26
2-Nitrophenol
Concen: 45.111 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:139 Resp: 131014

Ion	Ratio	Lower	Upper
139	100		
109	32.3	26.9	40.3
65	54.4	42.6	64.0



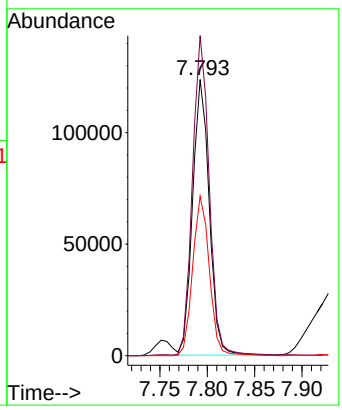


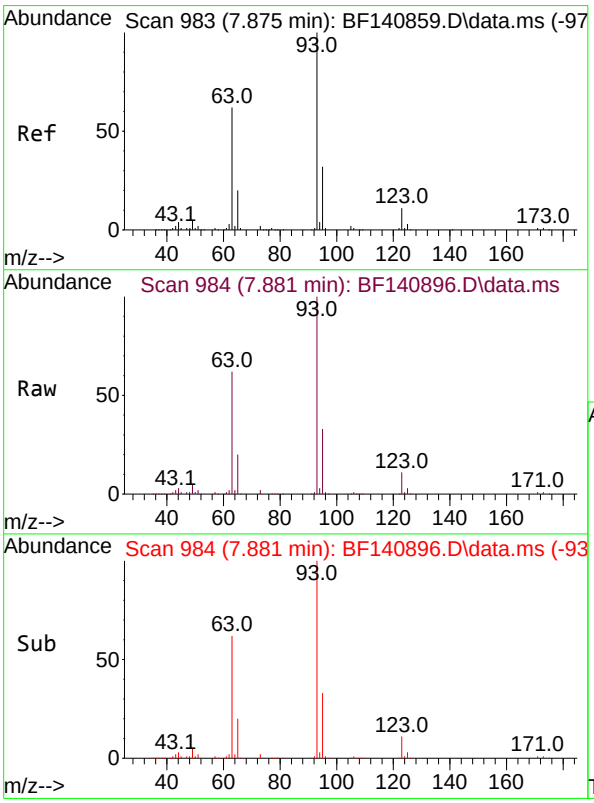
#27
2,4-Dimethylphenol
Concen: 44.606 ng
RT: 7.793 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 151292

Ion	Ratio	Lower	Upper
122	100		
107	115.9	92.6	139.0
121	57.8	45.8	68.8

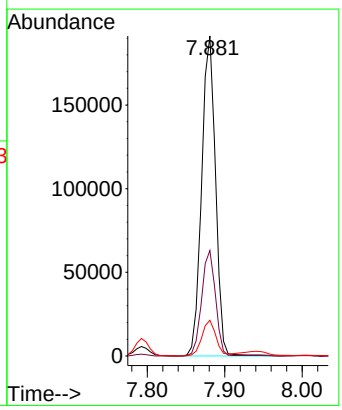


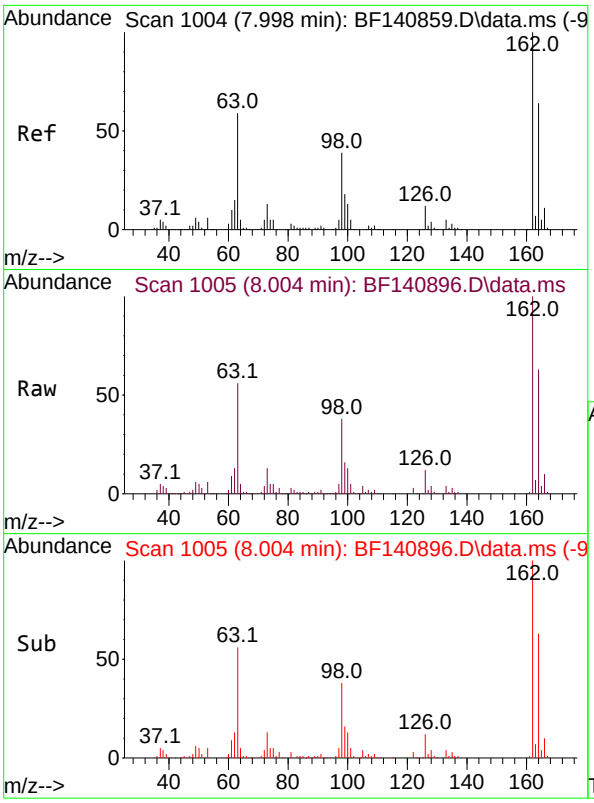


#28
bis(2-Chloroethoxy)methane
Concen: 36.963 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 93 Resp: 238096

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.3	37.9
123	11.1	8.6	13.0



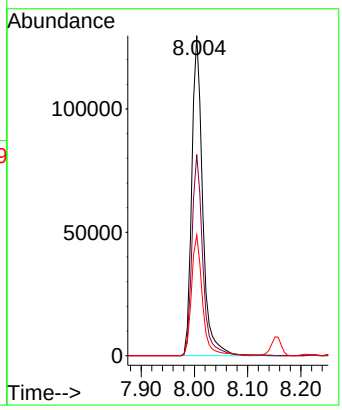


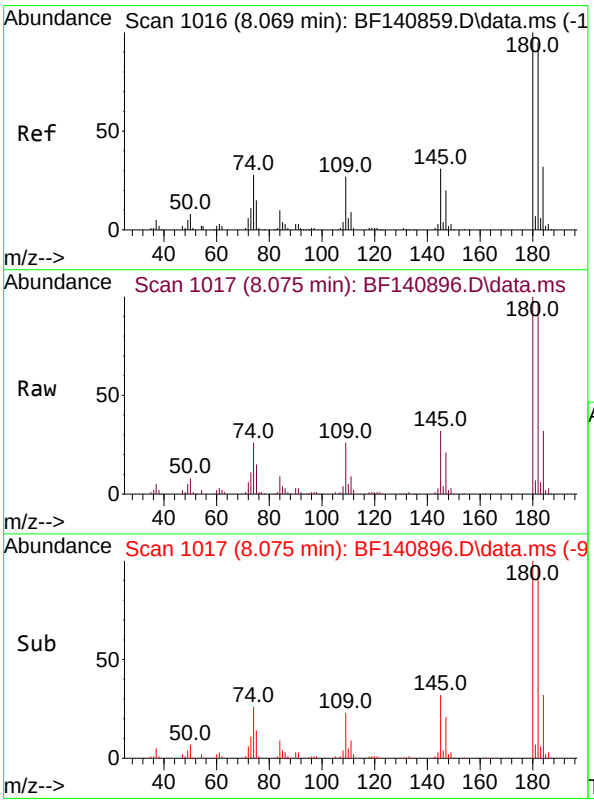
#29
2,4-Dichlorophenol
Concen: 39.353 ng
RT: 8.004 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 184274

Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.7	83.7
98	37.7	18.6	58.6

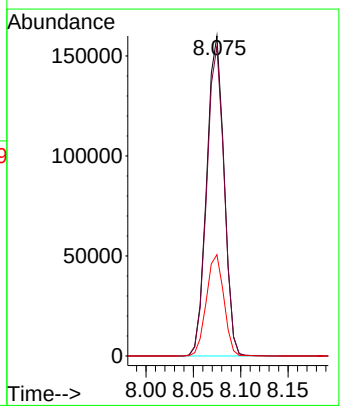


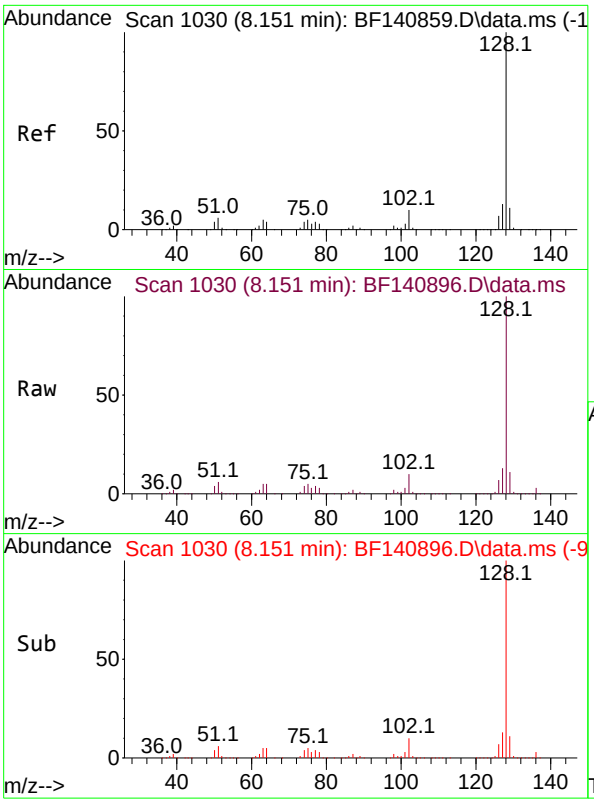


#30
1,2,4-Trichlorobenzene
Concen: 37.902 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:180 Resp: 203456

Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.8	113.6
145	31.7	25.2	37.8



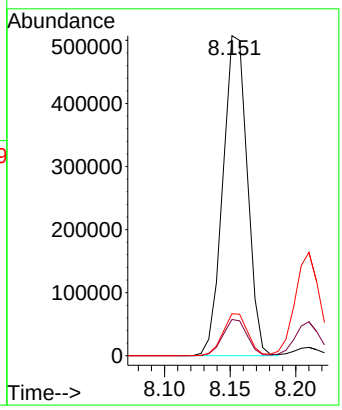


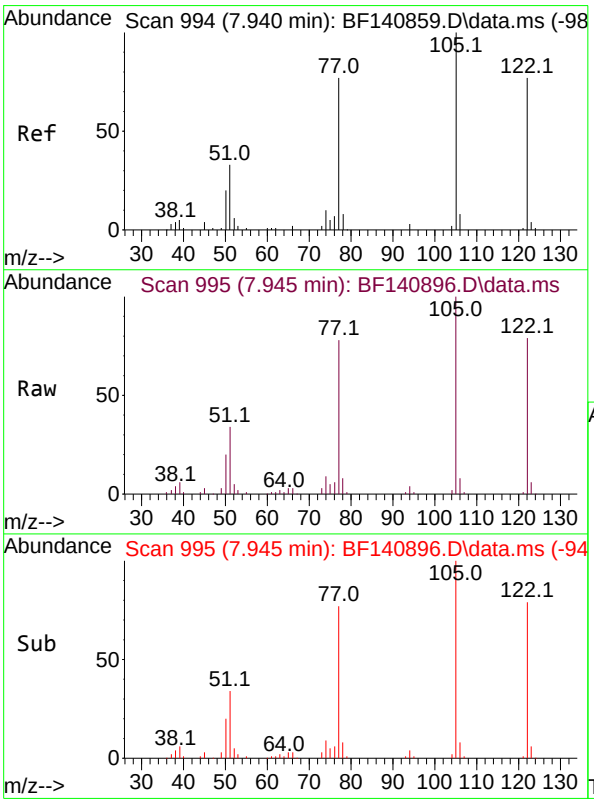
#31
Naphthalene
Concen: 38.867 ng
RT: 8.151 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 657484

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.1	10.6	16.0

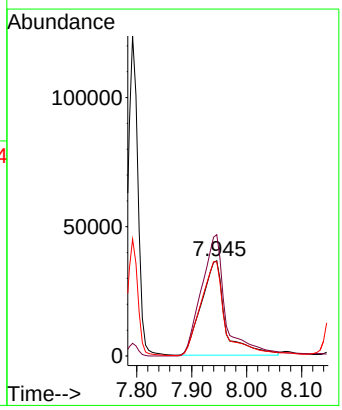


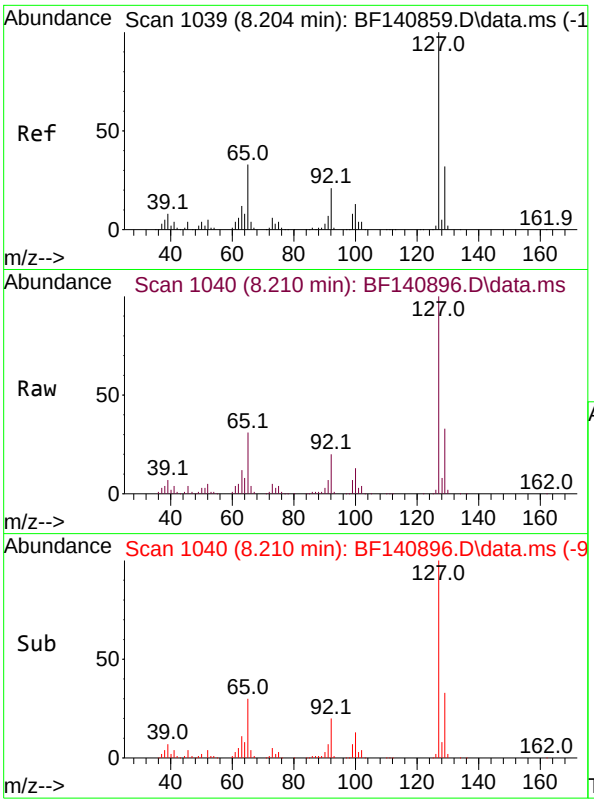


#32
Benzoic acid
Concen: 34.629 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.005 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:122 Resp: 111391

Ion	Ratio	Lower	Upper
122	100		
105	127.4	108.3	148.3
77	99.0	78.8	118.8



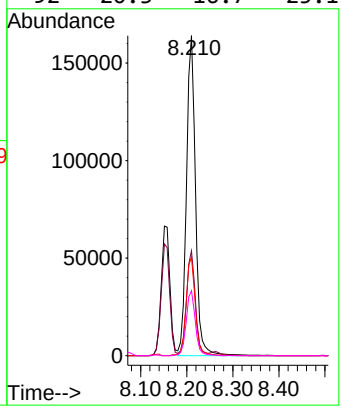


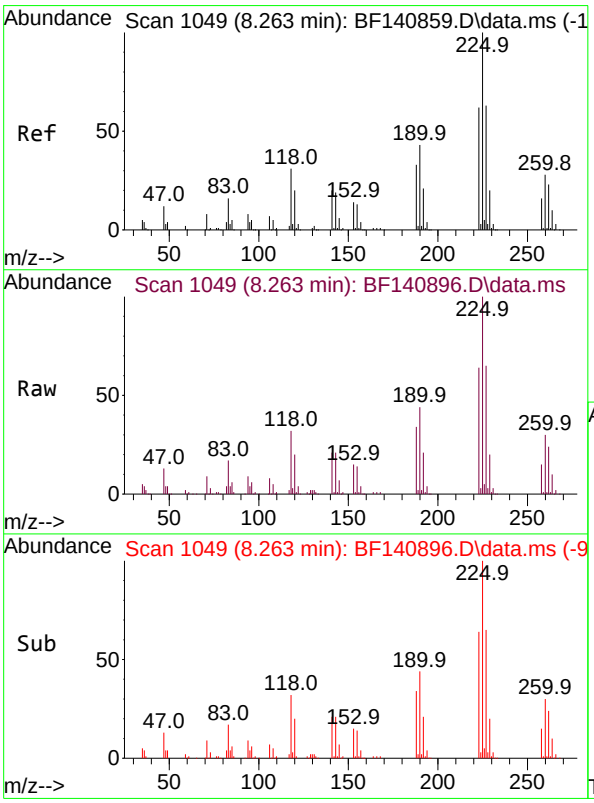
#33
4-Chloroaniline
Concen: 39.799 ng
RT: 8.210 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 223603

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.0	39.0
65	30.8	26.0	39.0
92	20.3	16.7	25.1

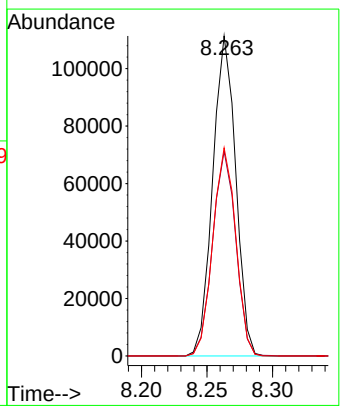


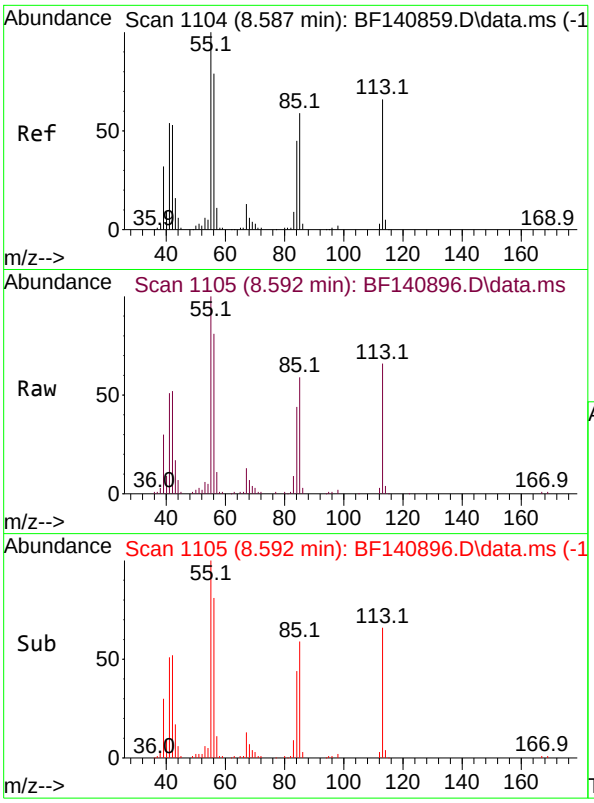


#34
Hexachlorobutadiene
Concen: 37.565 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:225 Resp: 135668

Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.6	74.4
227	65.1	50.7	76.1



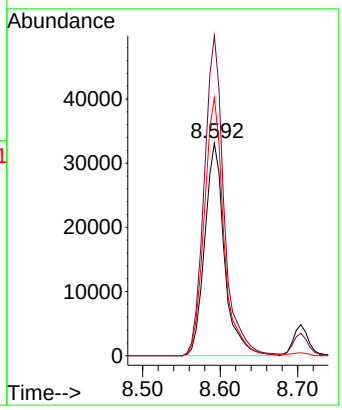


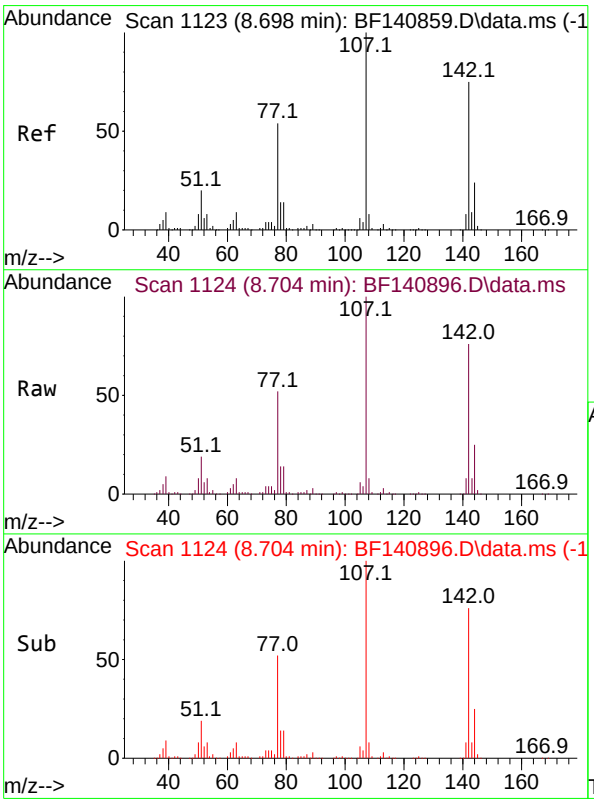
#35
Caprolactam
Concen: 41.905 ng
RT: 8.592 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 58418

Ion	Ratio	Lower	Upper
113	100		
55	150.6	132.3	172.3
56	121.5	100.3	140.3

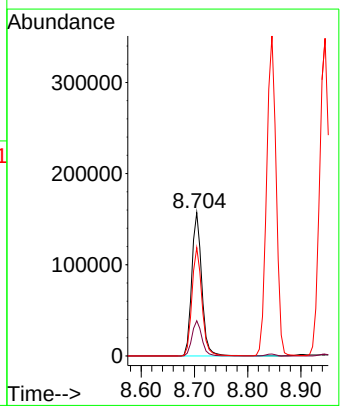


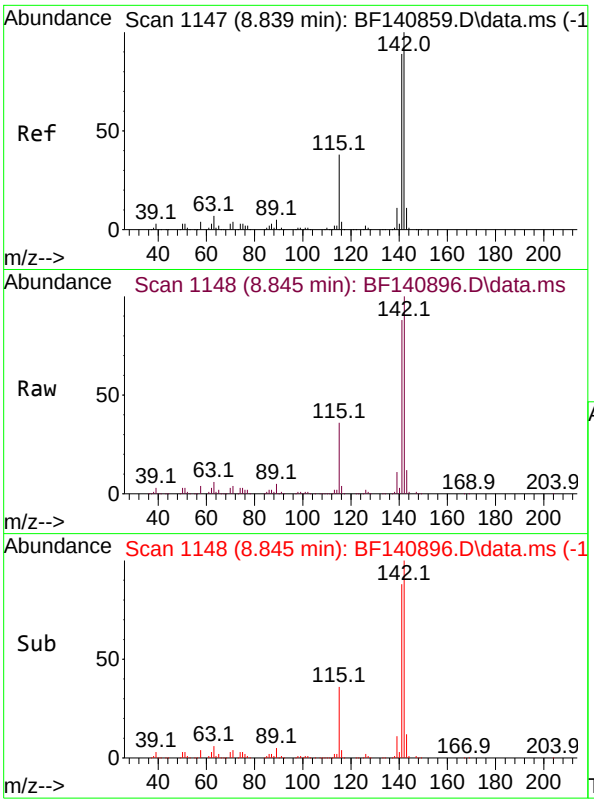


#36
4-Chloro-3-methylphenol
Concen: 39.060 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:107 Resp: 205860

Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.4	29.2
142	75.5	60.3	90.5



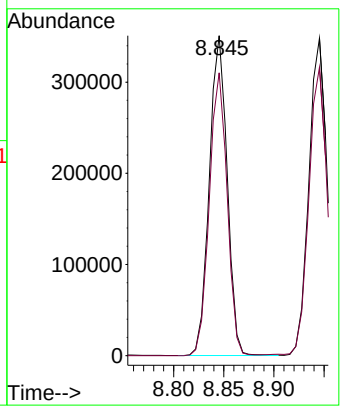


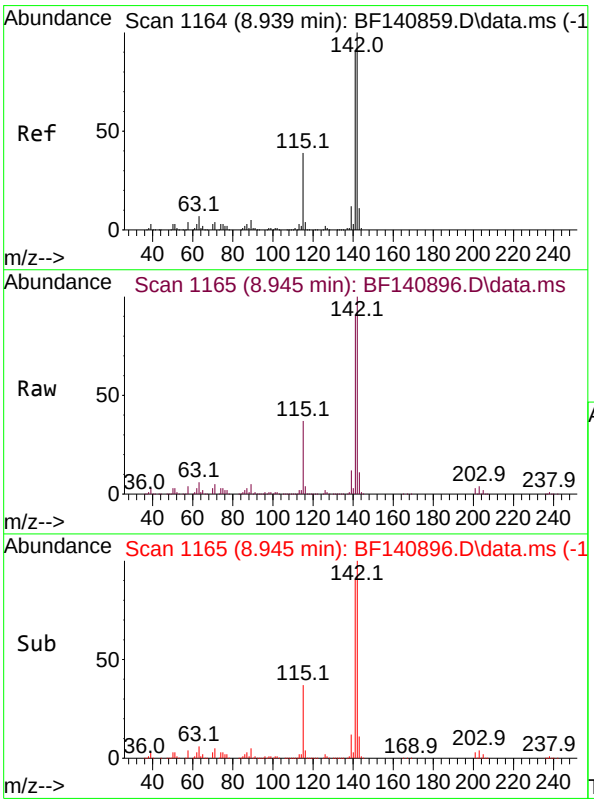
#37
2-Methylnaphthalene
Concen: 38.821 ng
RT: 8.845 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 434406

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6

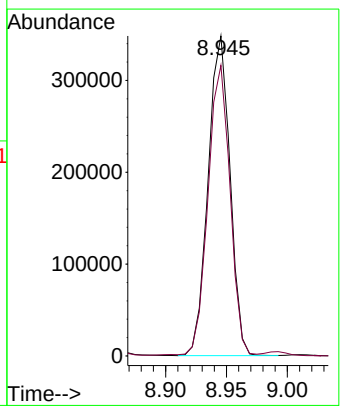


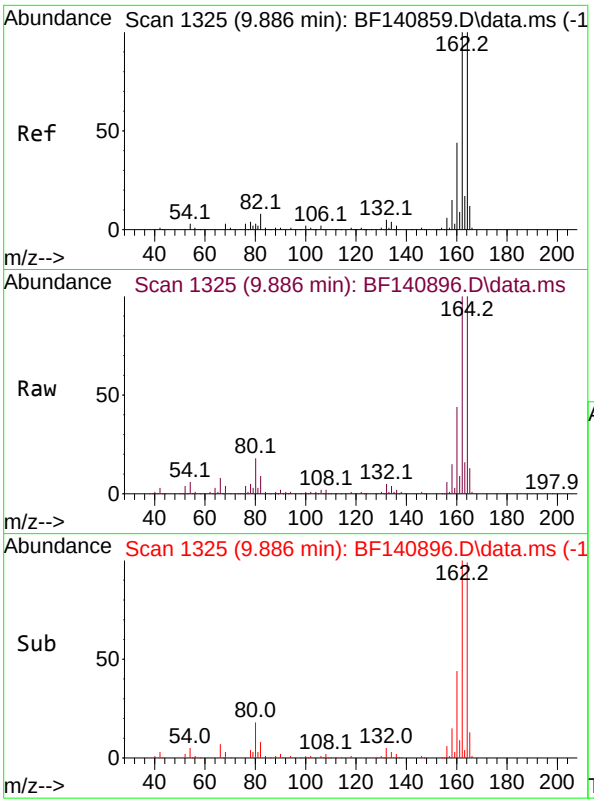


#38
1-Methylnaphthalene
Concen: 39.299 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:142 Resp: 434919

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.4	110.0



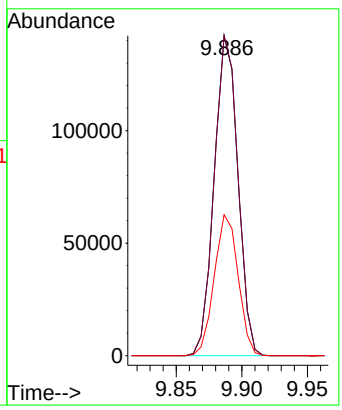


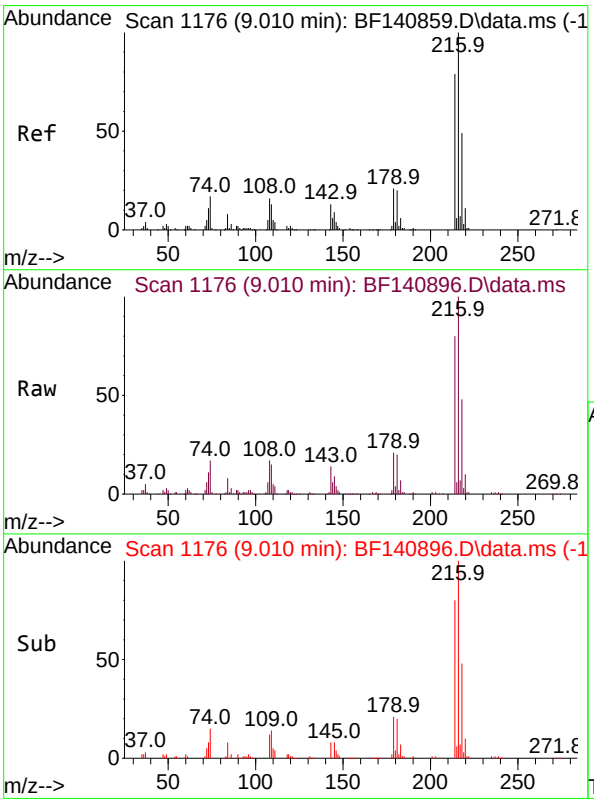
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 178243

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.9	119.9
160	44.1	35.2	52.8

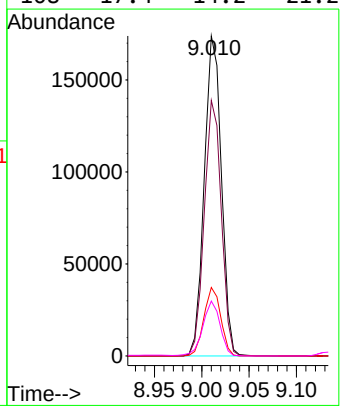


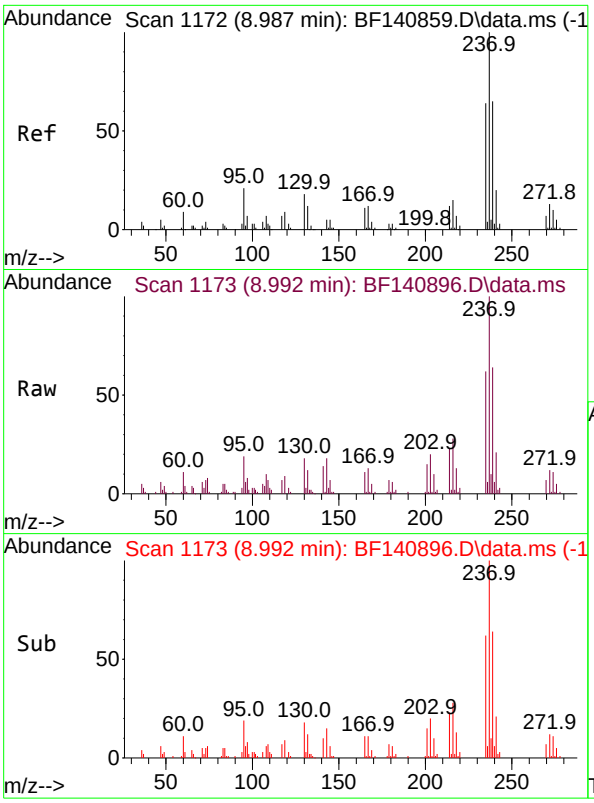


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.785 ng
RT: 9.010 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:216 Resp: 217966

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.6	95.4
179	21.0	17.0	25.4
108	17.4	14.2	21.2



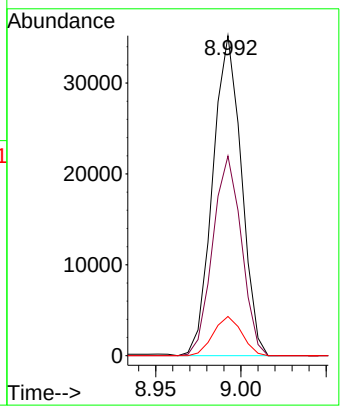


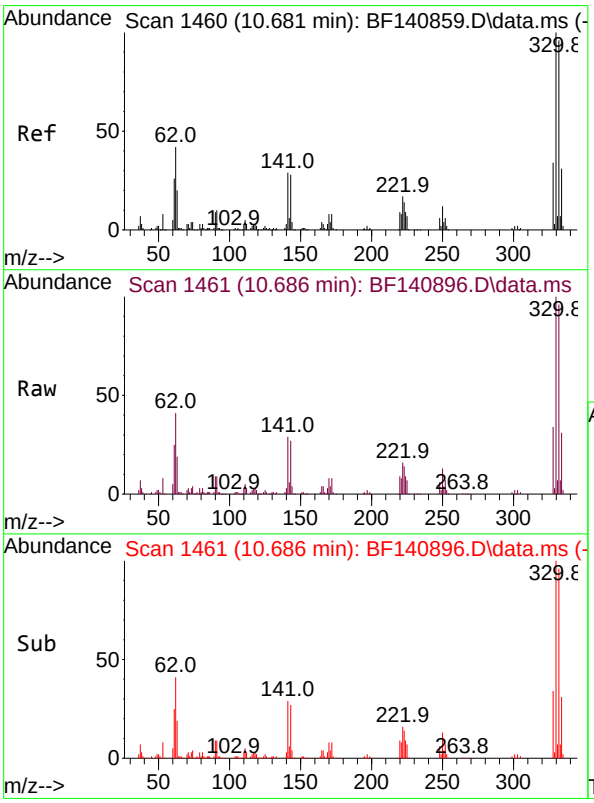
#41
Hexachlorocyclopentadiene
Concen: 34.386 ng
RT: 8.992 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 41145

Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.7	83.7
272	12.3	0.0	32.9

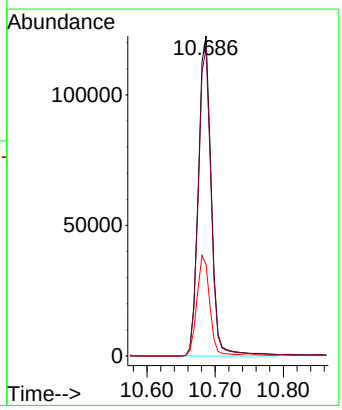


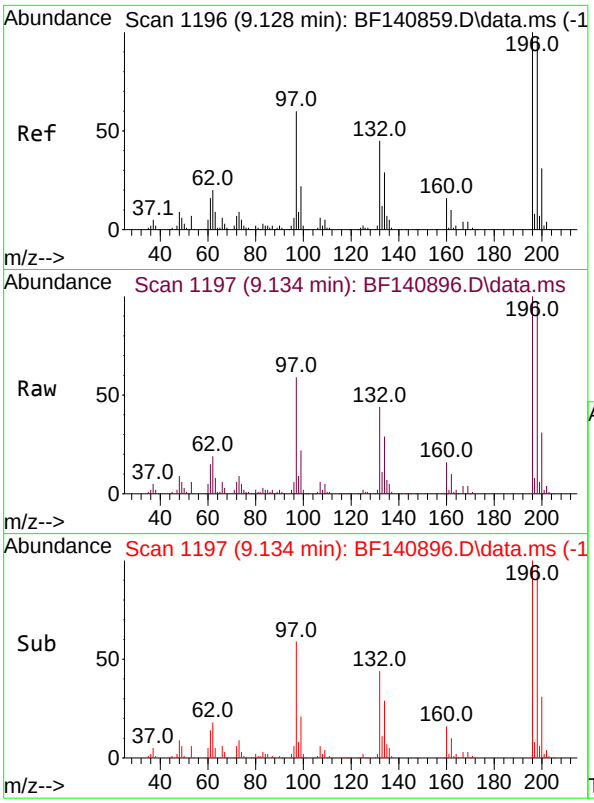


#42
2,4,6-Tribromophenol
Concen: 76.807 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:330 Resp: 161917

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	31.1	24.9	37.3



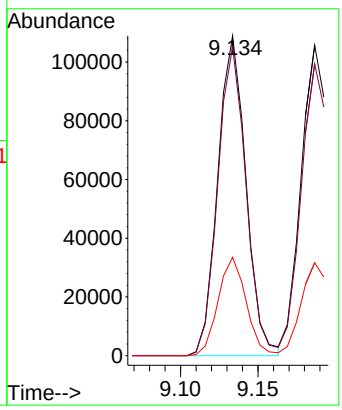


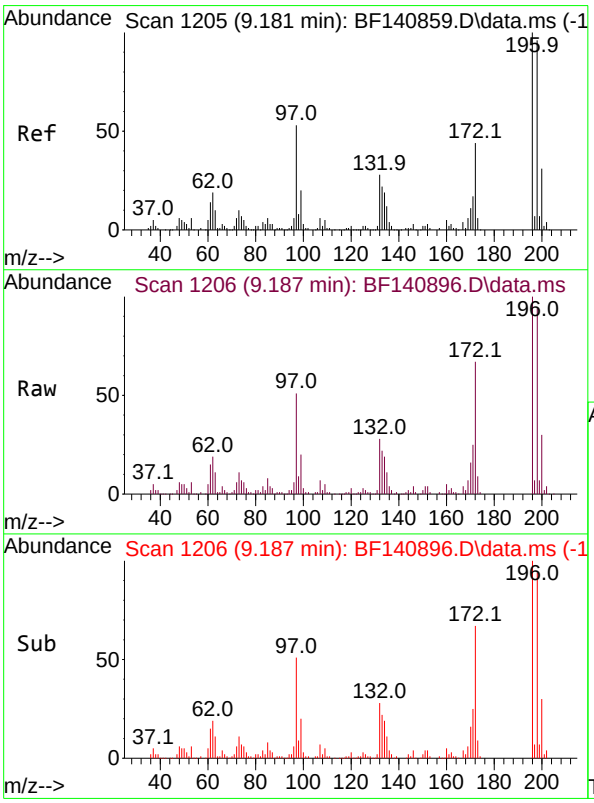
#43
2,4,6-Trichlorophenol
Concen: 41.118 ng
RT: 9.134 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 137937

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.4	116.0
200	30.8	24.5	36.7

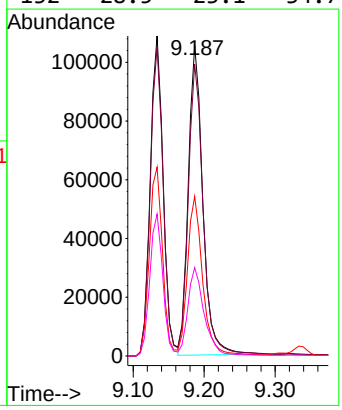


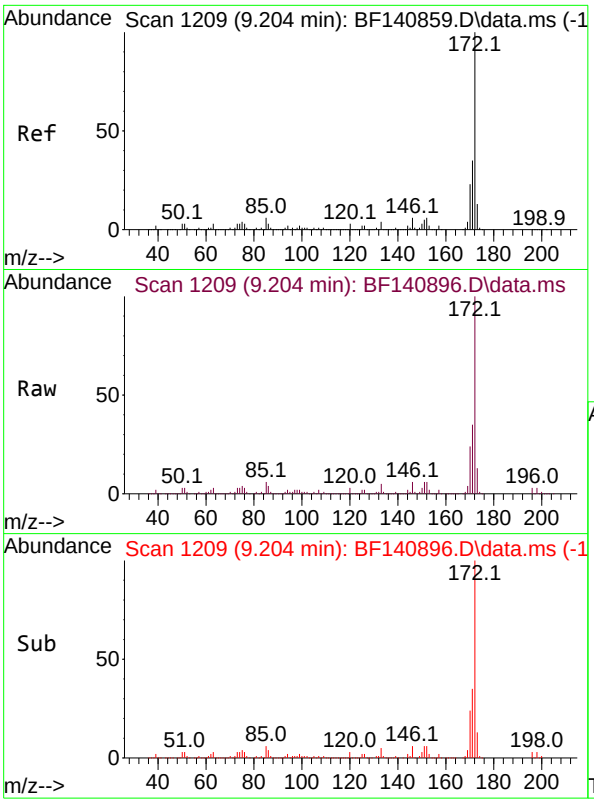


#44
2,4,5-Trichlorophenol
Concen: 40.876 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:196 Resp: 150716

Ion	Ratio	Lower	Upper
196	100		
198	94.0	77.2	115.8
97	51.4	42.2	63.4
132	28.5	23.1	34.7



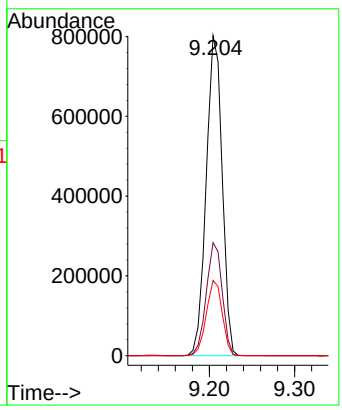


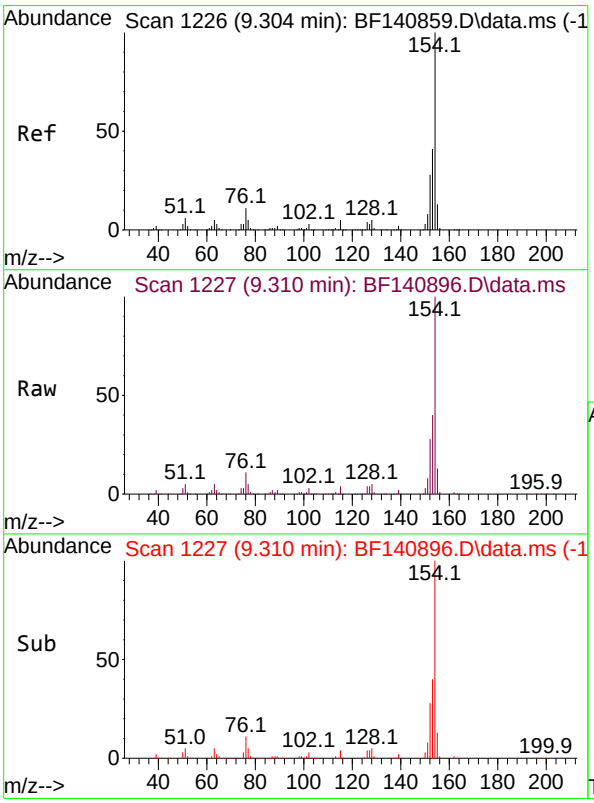
#45
2-Fluorobiphenyl
Concen: 80.324 ng
RT: 9.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1041367

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.4	42.6
170	23.5	18.6	28.0

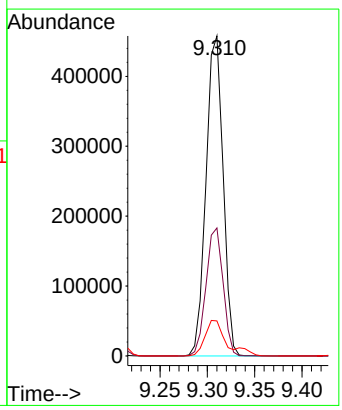


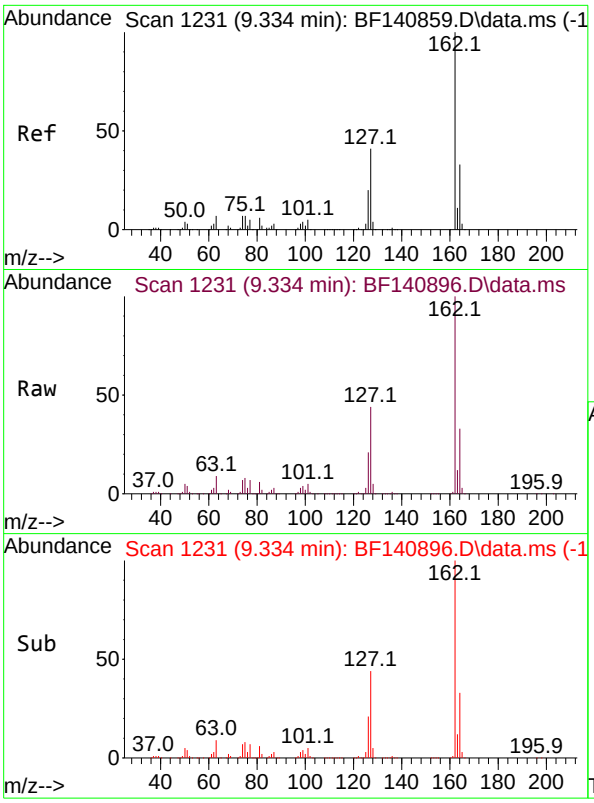


#46
1,1'-Biphenyl
Concen: 40.398 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:154 Resp: 572589

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.8	60.8
76	10.9	0.0	31.0



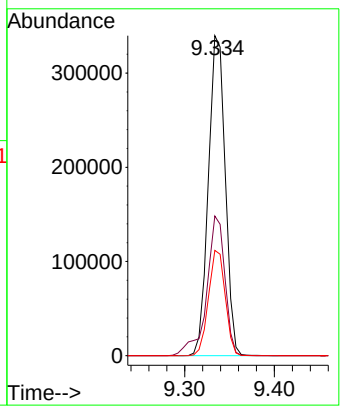


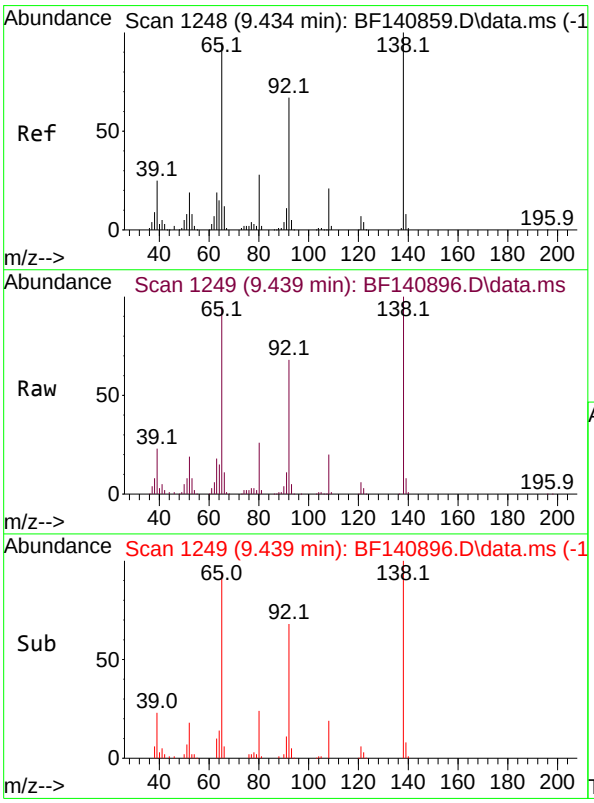
#47
2-Chloronaphthalene
Concen: 40.911 ng
RT: 9.334 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 443599

Ion	Ratio	Lower	Upper
162	100		
127	43.7	33.5	50.3
164	32.9	26.2	39.2

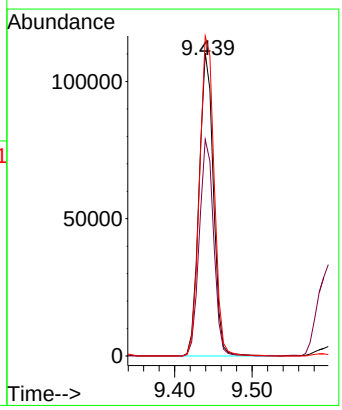


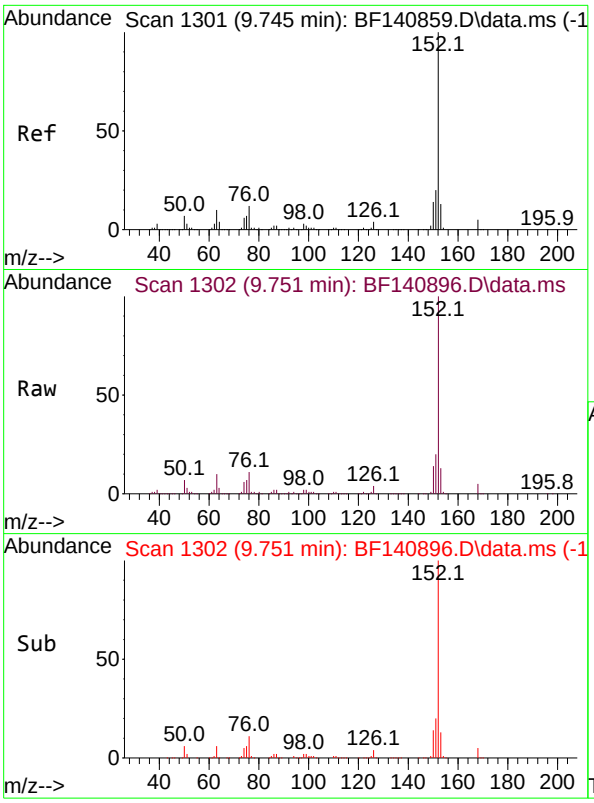


#48
2-Nitroaniline
Concen: 43.425 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 65 Resp: 142204

Ion	Ratio	Lower	Upper
65	100		
92	71.4	56.3	84.5
138	105.6	83.8	125.6



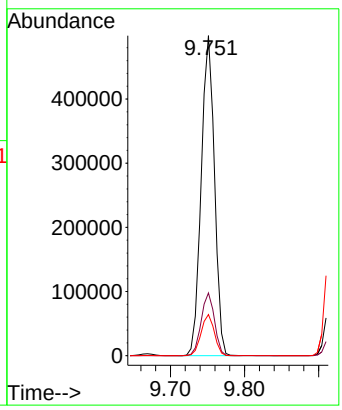


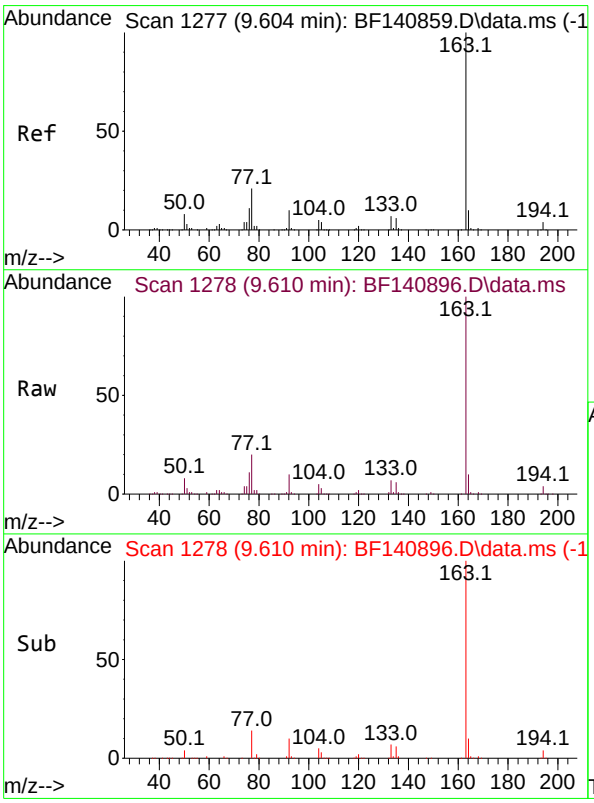
#49
Acenaphthylene
Concen: 38.931 ng
RT: 9.751 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 620347

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	12.8	10.6	16.0

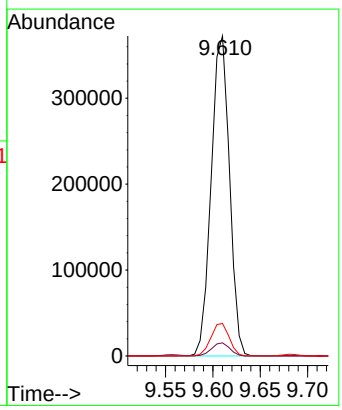


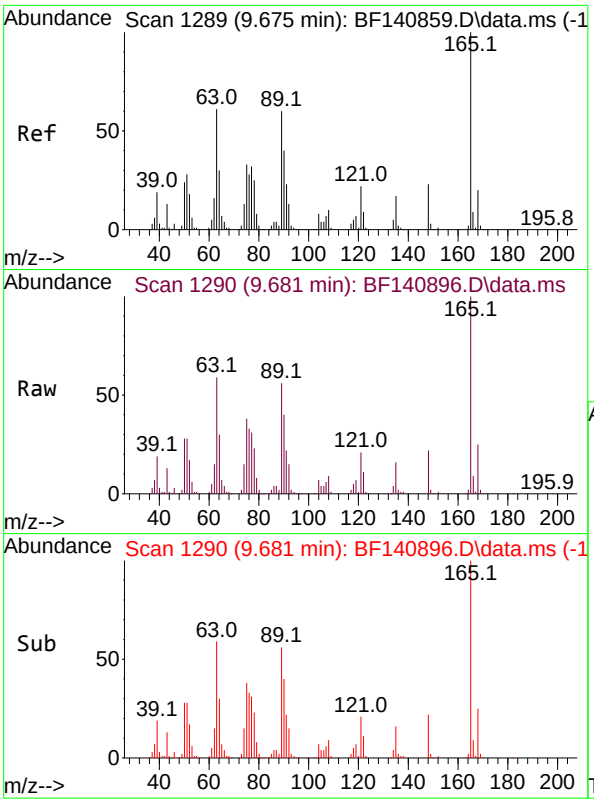


#50
Dimethylphthalate
Concen: 39.776 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:163 Resp: 499849

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.2	8.1	12.1



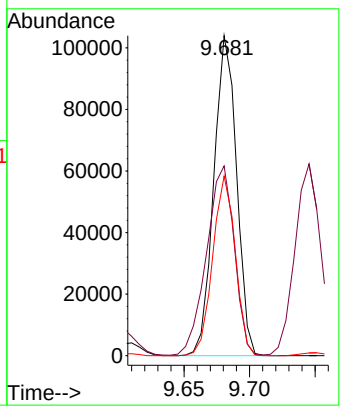


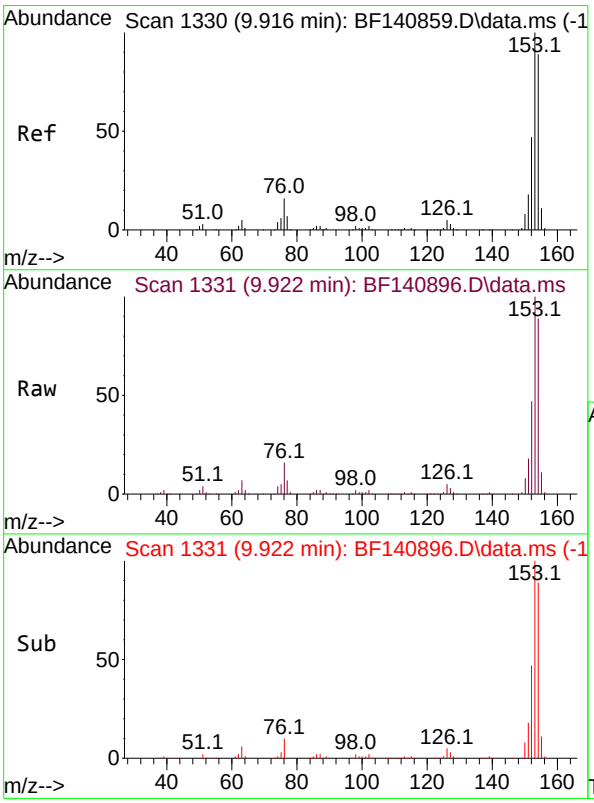
#51
2,6-Dinitrotoluene
Concen: 43.593 ng
RT: 9.681 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 125234

Ion	Ratio	Lower	Upper
165	100		
63	59.3	49.7	74.5
89	56.1	48.2	72.4

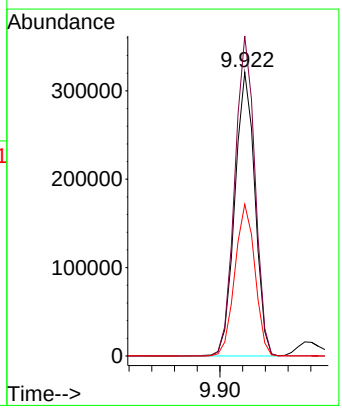


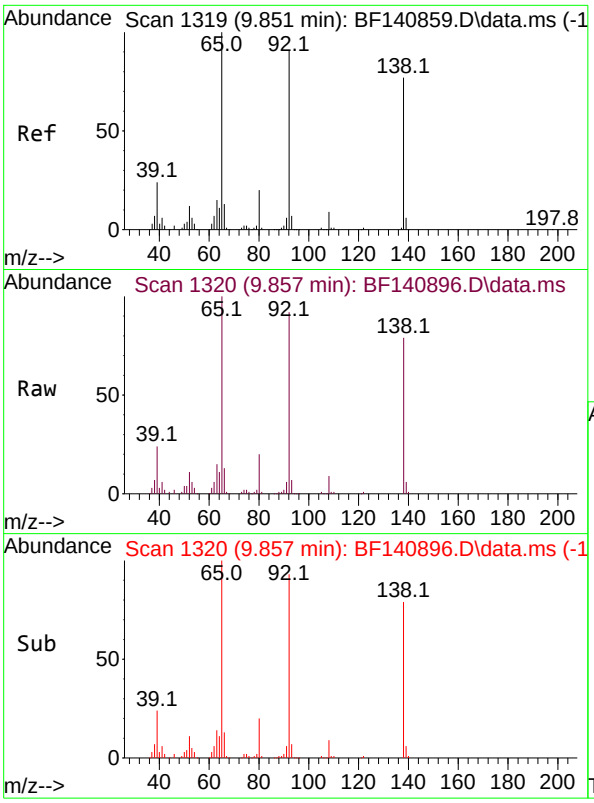


#52
Acenaphthene
Concen: 38.767 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:154 Resp: 394595

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.9	134.9
152	53.4	42.6	63.8



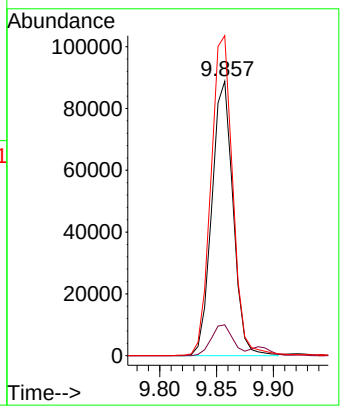


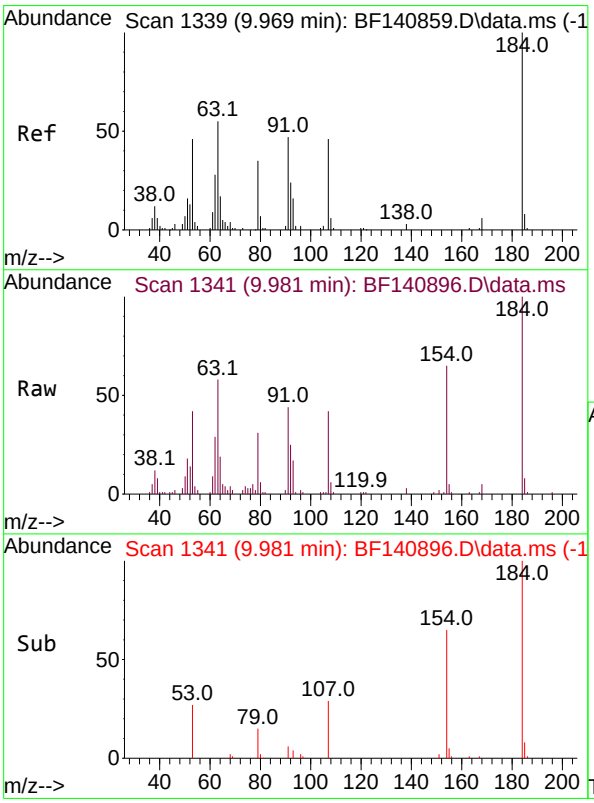
#53
3-Nitroaniline
Concen: 40.594 ng
RT: 9.857 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 115732

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.0	13.4
92	116.6	95.5	143.3

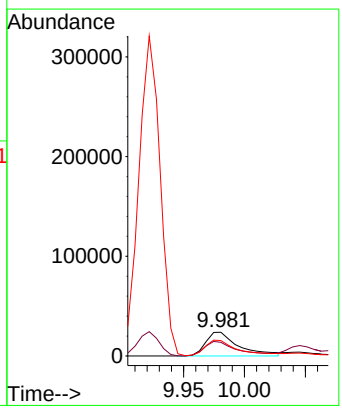


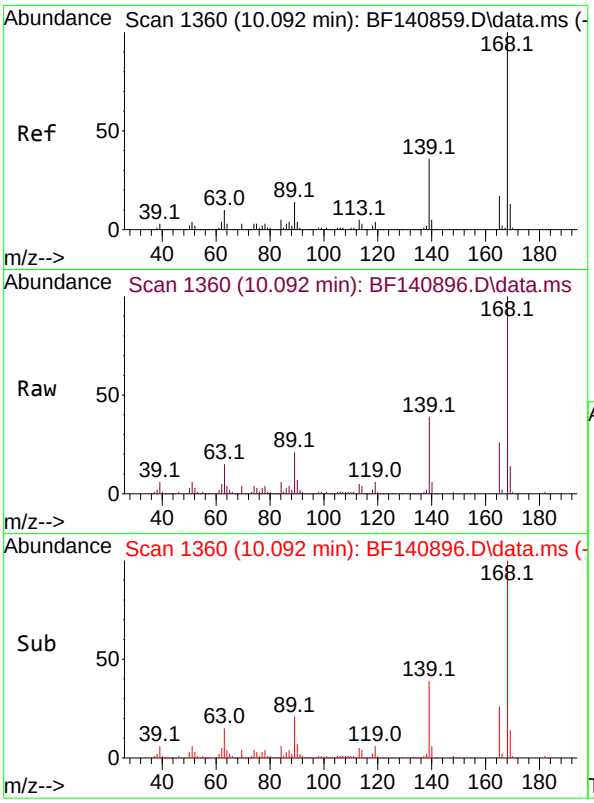


#54
2,4-Dinitrophenol
Concen: 35.939 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:184 Resp: 44877

Ion	Ratio	Lower	Upper
184	100		
63	57.5	51.6	77.4
154	65.1	56.1	84.1



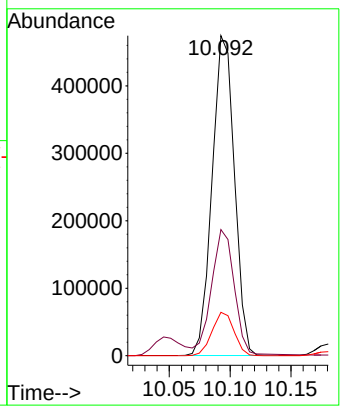


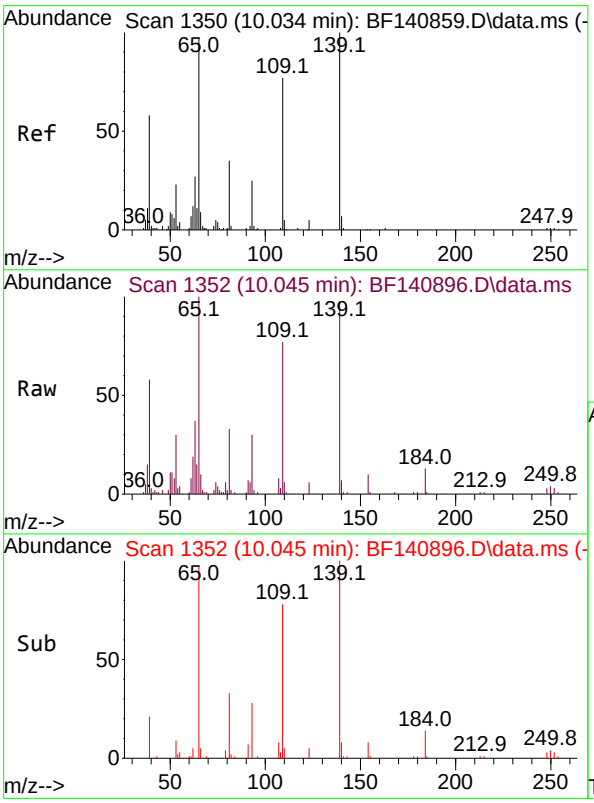
#55
Dibenzofuran
Concen: 38.326 ng
RT: 10.092 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 604503

Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.1	46.7
169	13.5	10.6	16.0

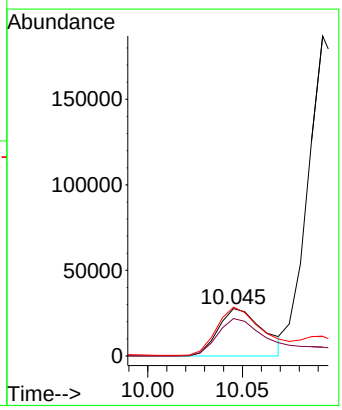


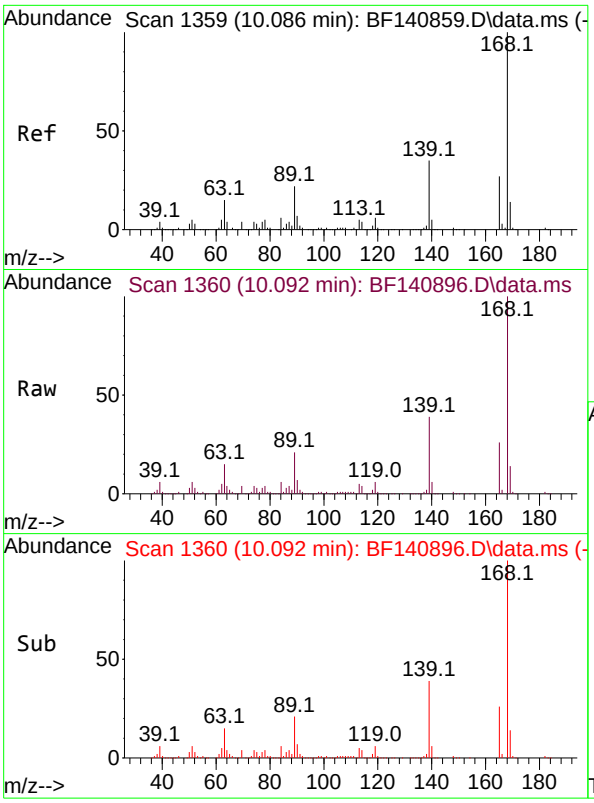


#56
4-Nitrophenol
Concen: 32.311 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.011 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:139 Resp: 45251

Ion	Ratio	Lower	Upper
139	100		
109	79.0	56.7	96.7
65	102.8	78.1	118.1



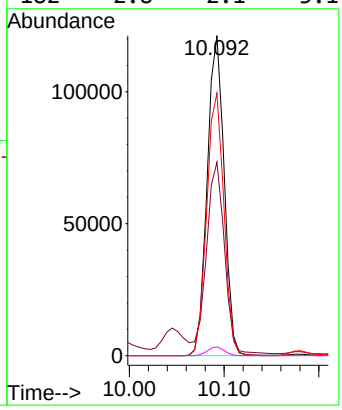


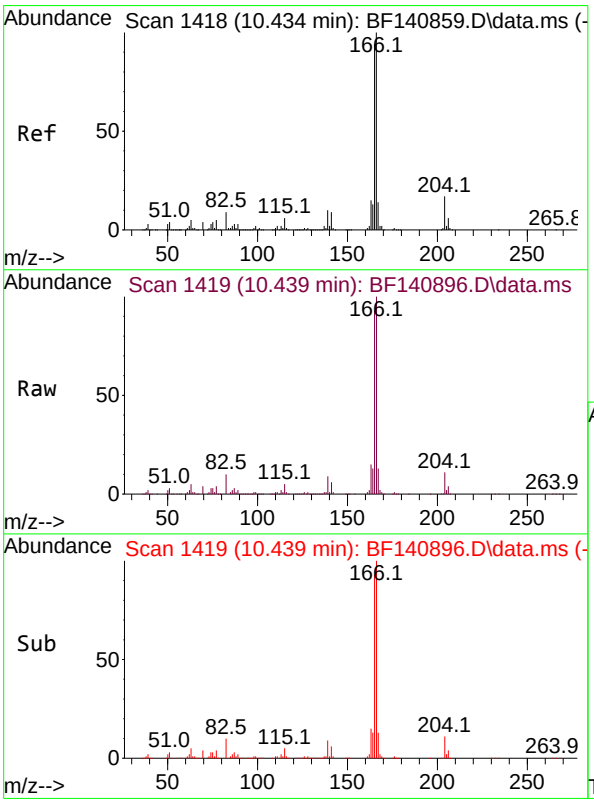
#57
2,4-Dinitrotoluene
Concen: 39.835 ng
RT: 10.092 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 150570

Ion	Ratio	Lower	Upper
165	100		
63	60.4	49.3	73.9
89	82.0	66.2	99.4
182	2.8	2.1	3.1

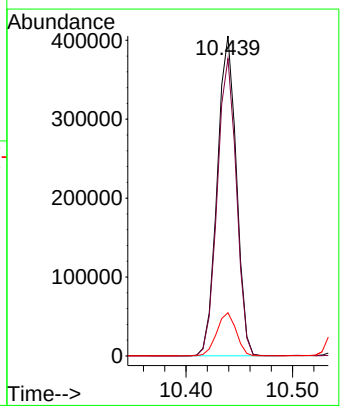


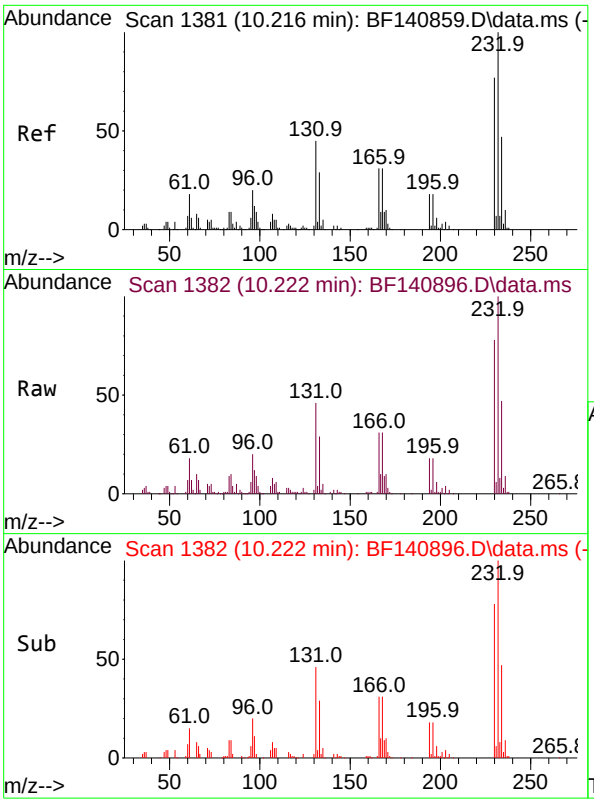


#58
Fluorene
Concen: 38.696 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:166 Resp: 503521

Ion	Ratio	Lower	Upper
166	100		
165	92.9	75.1	112.7
167	13.5	11.1	16.7



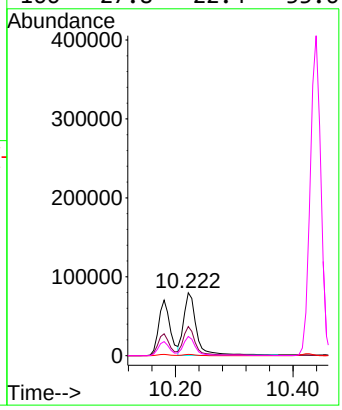


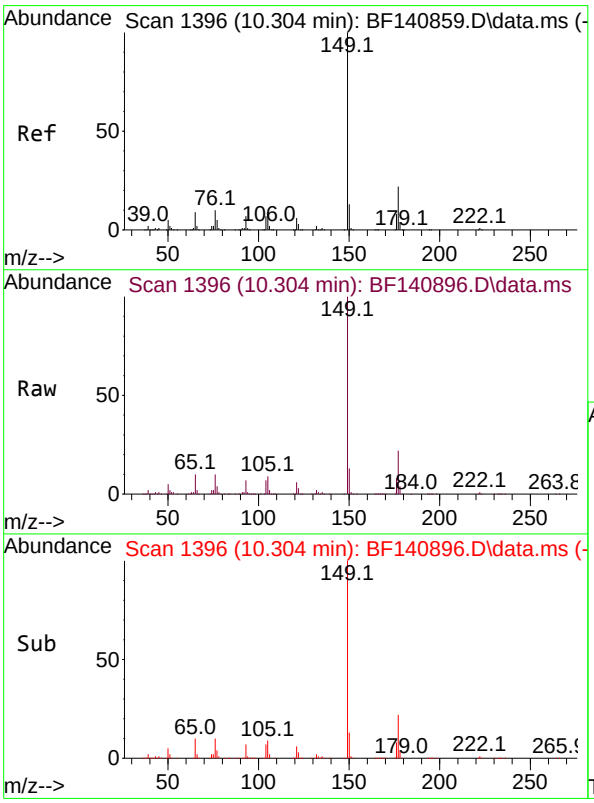
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.997 ng
RT: 10.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 117166

Ion	Ratio	Lower	Upper
232	100		
131	45.4	35.1	52.7
130	2.2	1.8	2.8
166	27.8	22.4	33.6

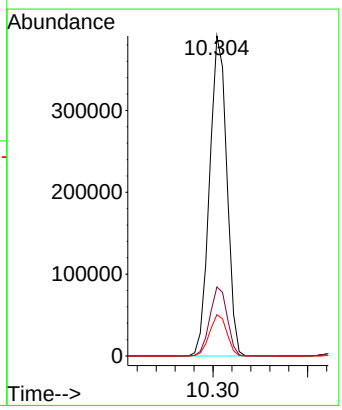


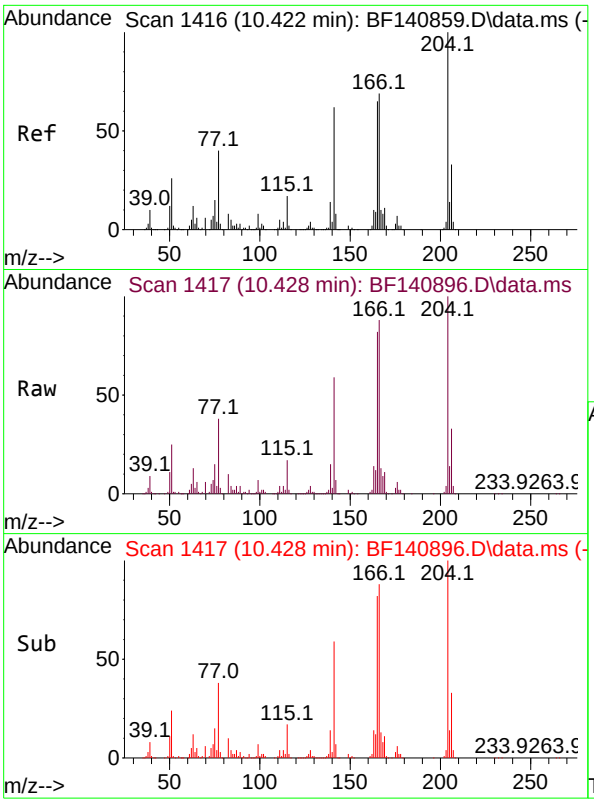


#60
Diethylphthalate
Concen: 37.910 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:149 Resp: 494005

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.2	25.8
150	12.9	10.1	15.1



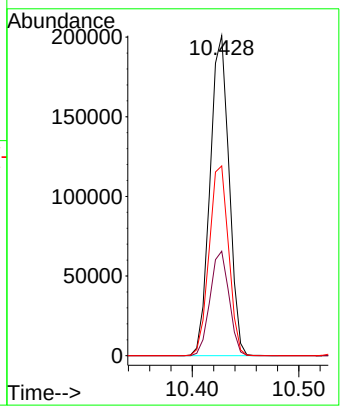


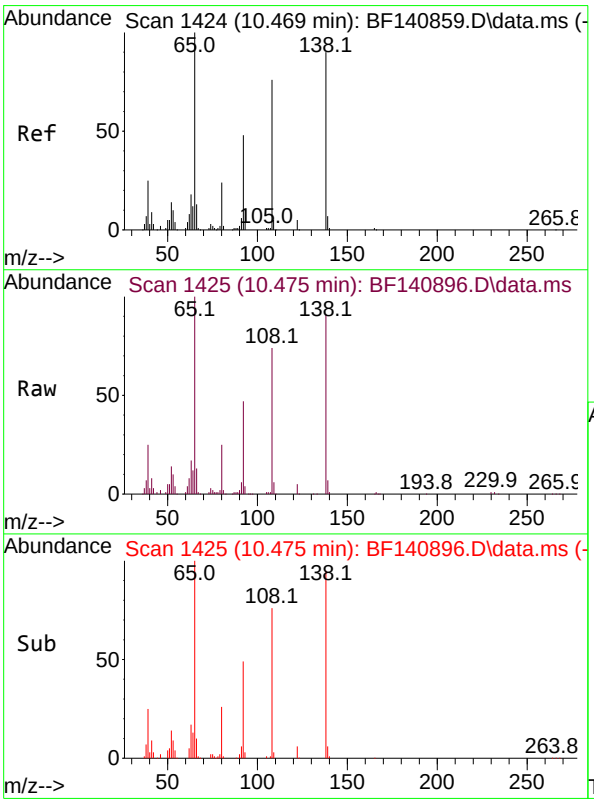
#61
4-Chlorophenyl-phenylether
Concen: 38.114 ng
RT: 10.428 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 249126

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	59.3	50.0	75.0

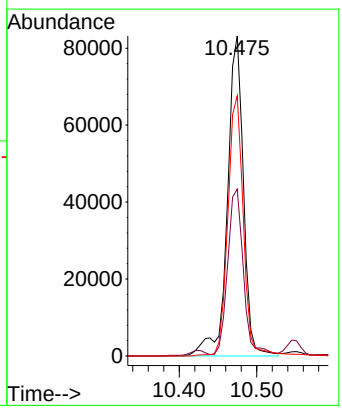


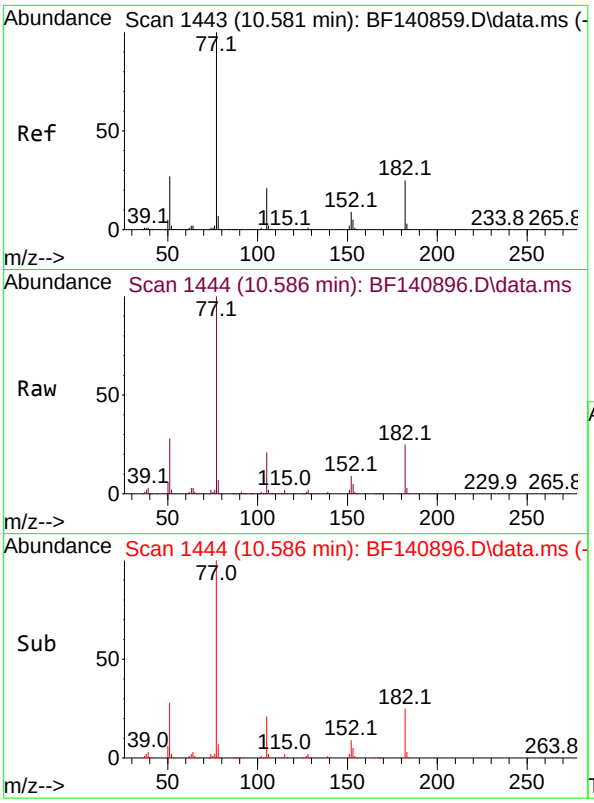


#62
4-Nitroaniline
Concen: 40.323 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:138 Resp: 120131

Ion	Ratio	Lower	Upper
138	100		
92	52.2	32.6	72.6
108	81.3	64.1	104.1



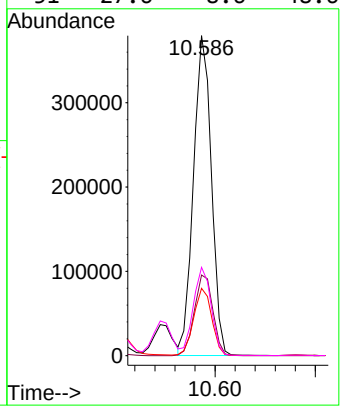


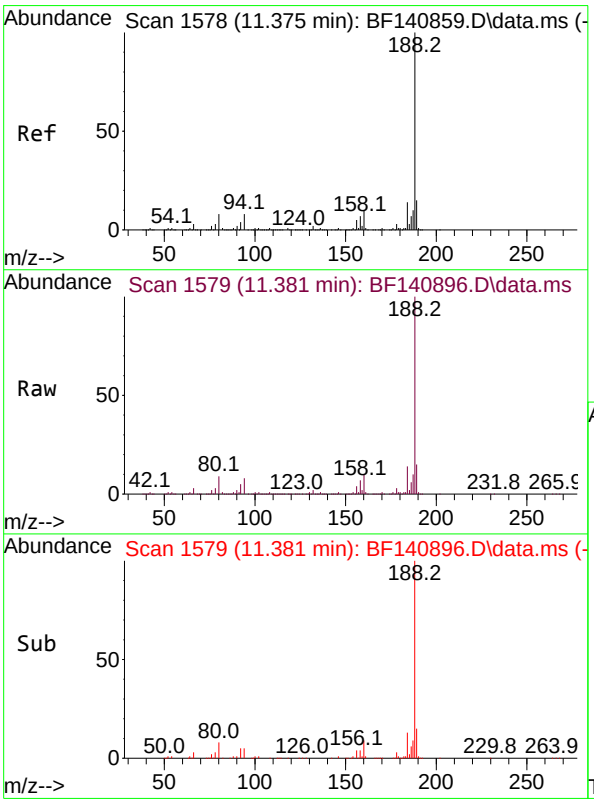
#63
Azobenzene
Concen: 38.516 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 471847

Ion	Ratio	Lower	Upper
77	100		
182	25.2	4.5	44.5
105	21.1	0.9	40.9
51	27.6	8.6	48.6

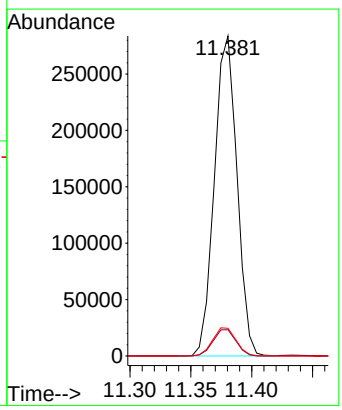


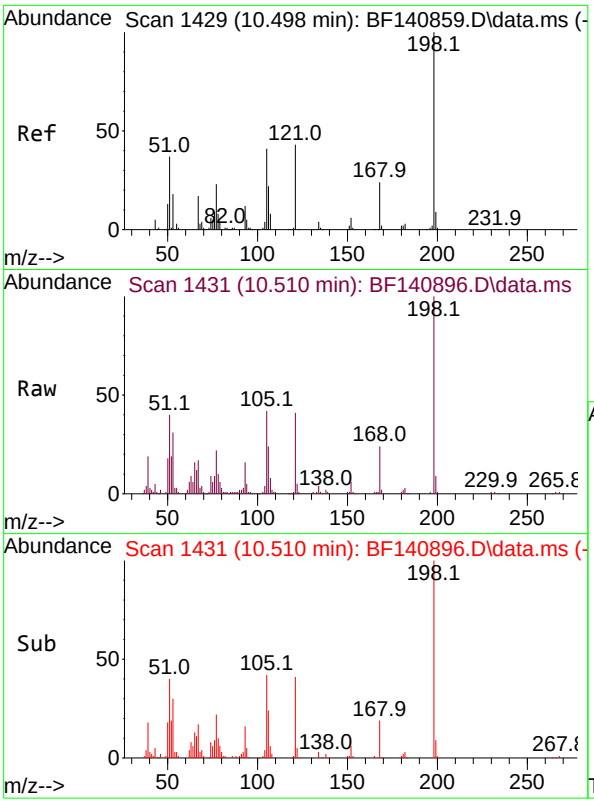


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:188 Resp: 366627

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.4	9.6
80	8.7	6.8	10.2



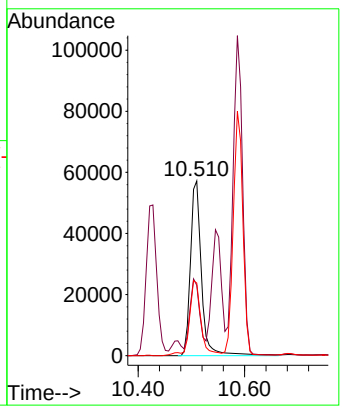


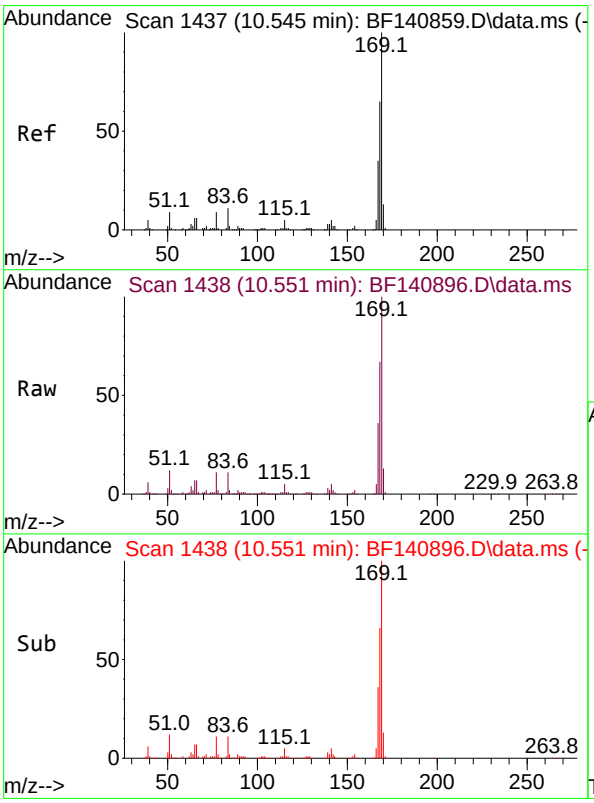
#65
4,6-Dinitro-2-methylphenol
Concen: 39.708 ng
RT: 10.510 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 82494

Ion	Ratio	Lower	Upper
198	100		
51	40.3	24.4	64.4
105	41.5	22.1	62.1

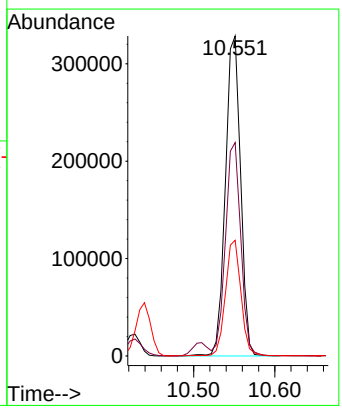


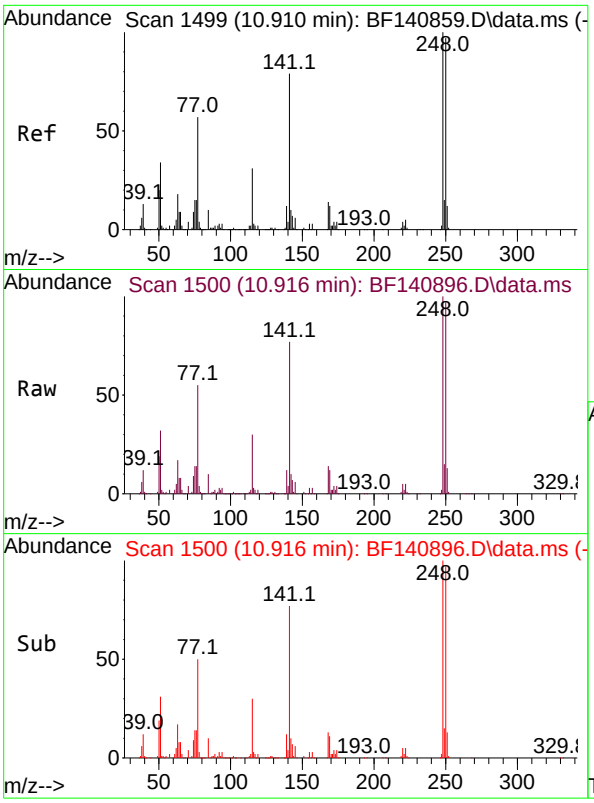


#66
n-Nitrosodiphenylamine
Concen: 37.953 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:169 Resp: 427813

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.0
167	36.2	28.3	42.5



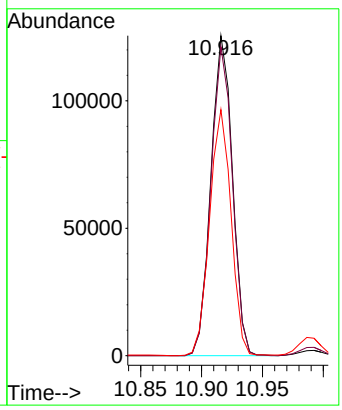


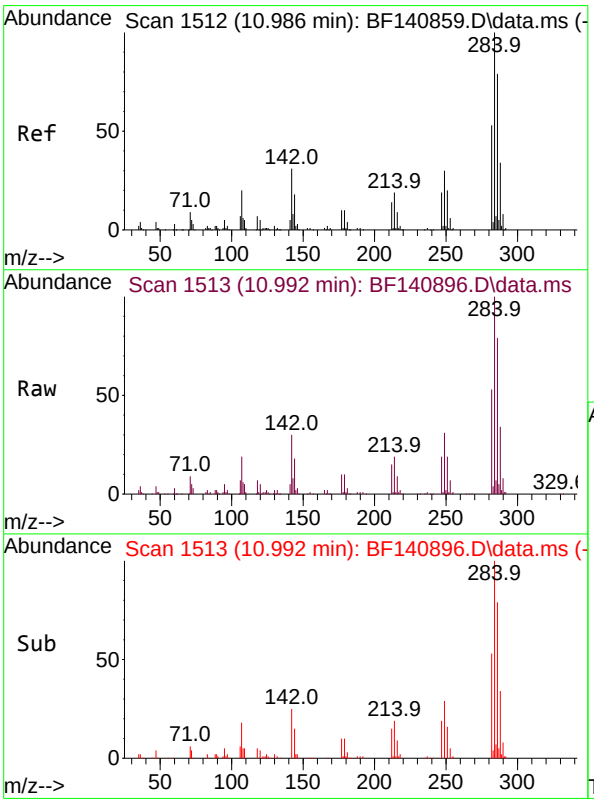
#67
4-Bromophenyl-phenylether
Concen: 37.605 ng
RT: 10.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 154240

Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.4	116.2
141	76.9	62.9	94.3

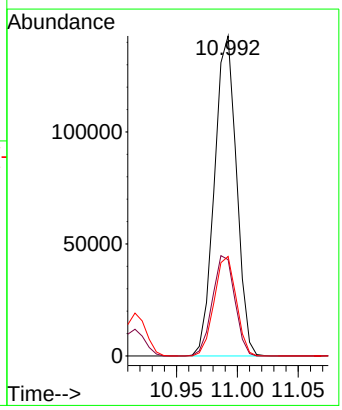


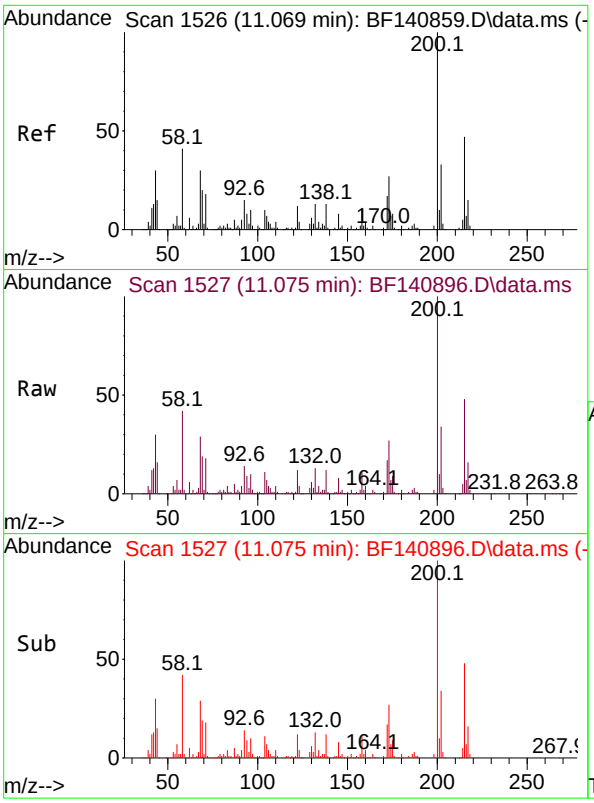


#68
Hexachlorobenzene
Concen: 38.710 ng
RT: 10.992 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:284 Resp: 180011

Ion	Ratio	Lower	Upper
284	100		
142	30.1	24.6	36.8
249	31.1	24.3	36.5



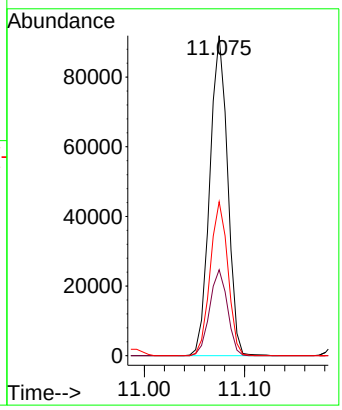


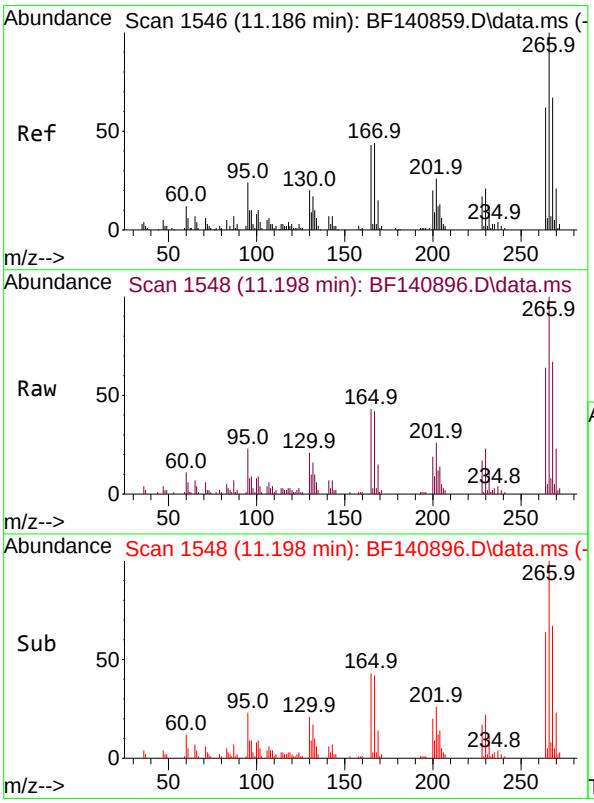
#69
Atrazine
Concen: 36.014 ng
RT: 11.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 113378

Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	48.1	26.7	66.7

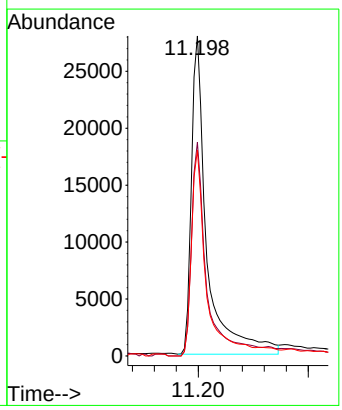


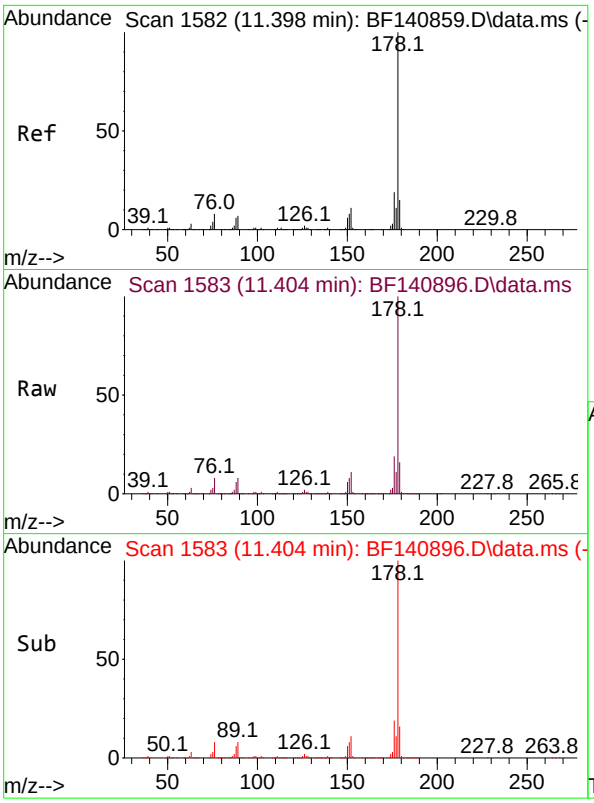


#70
Pentachlorophenol
Concen: 32.272 ng
RT: 11.198 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:266 Resp: 54868

Ion	Ratio	Lower	Upper
266	100		
268	66.8	54.0	81.0
264	64.4	49.4	74.2



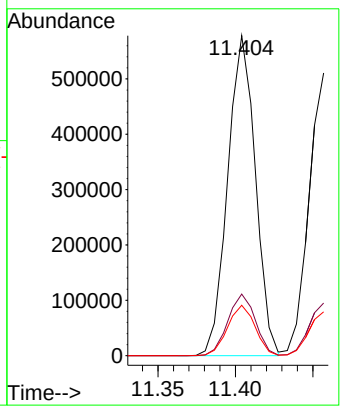


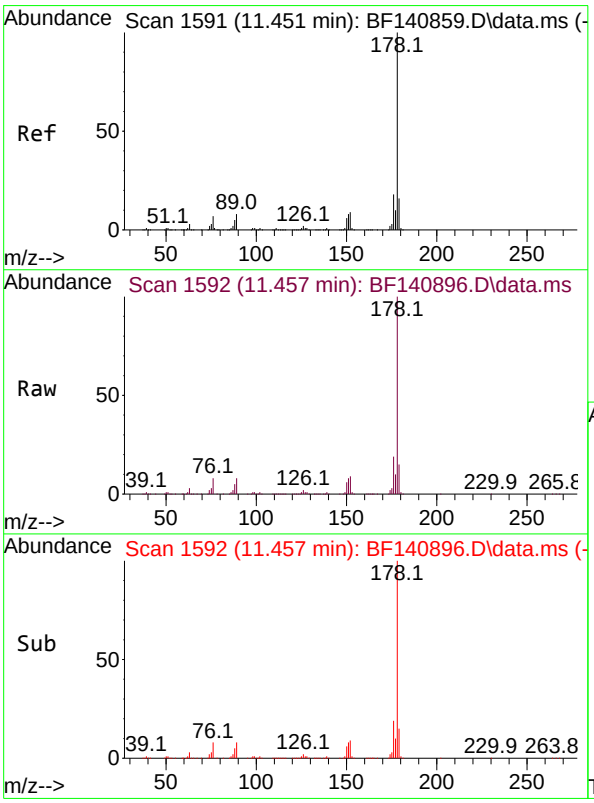
#71
Phenanthrene
Concen: 38.078 ng
RT: 11.404 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 717898

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.1	18.1

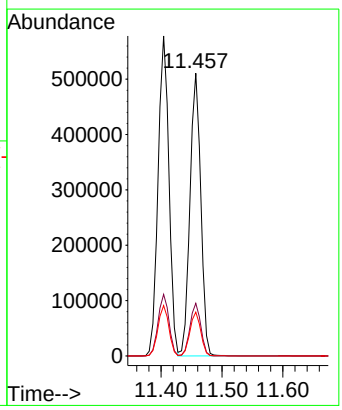


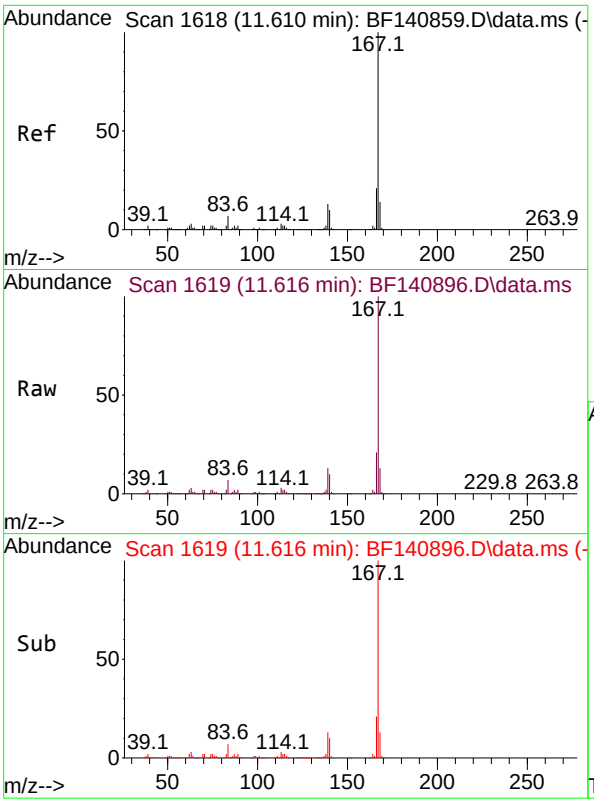


#72
Anthracene
Concen: 33.996 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:178 Resp: 631201

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.5	12.6	18.8



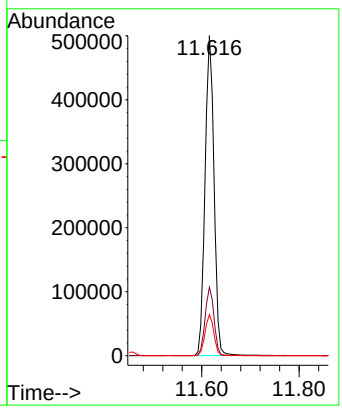


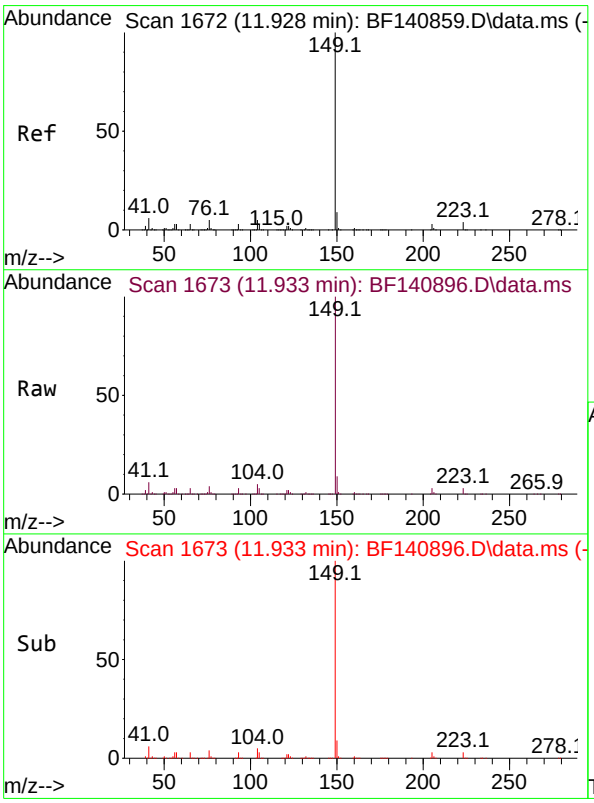
#73
Carbazole
Concen: 34.980 ng
RT: 11.616 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 636140

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.8	10.2	15.2

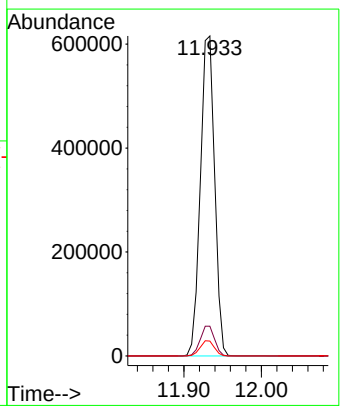


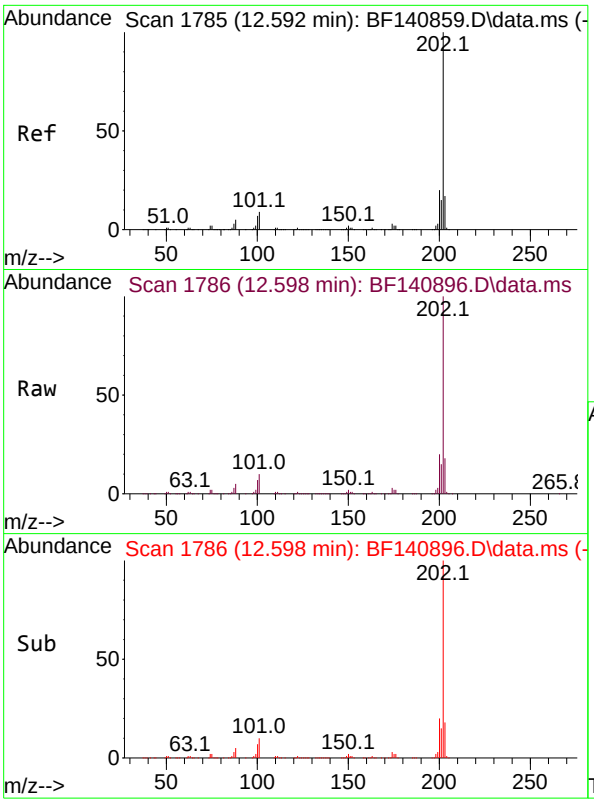


#74
Di-n-butylphthalate
Concen: 36.845 ng
RT: 11.933 min Scan# 1673
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:149 Resp: 786391

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.6	3.8	5.8



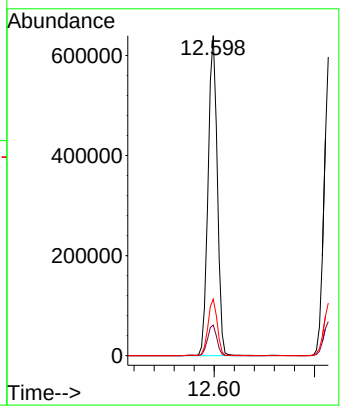


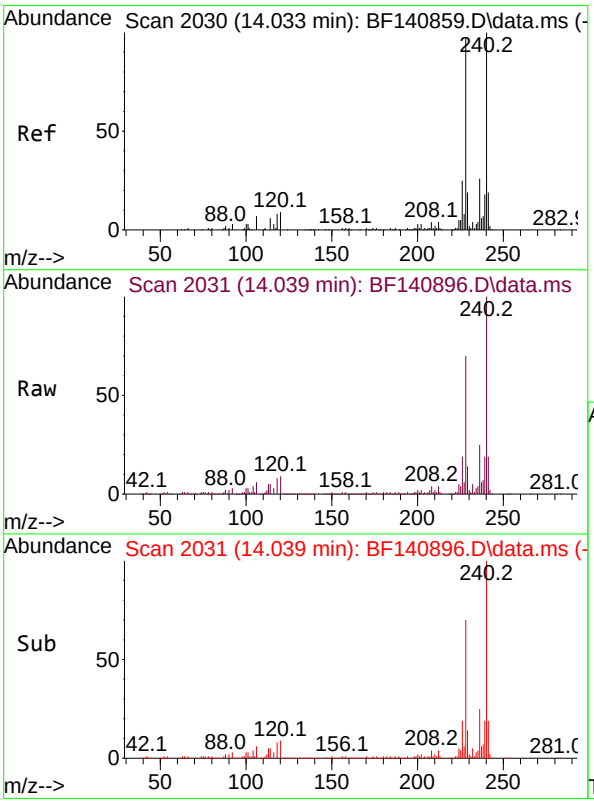
#75
Fluoranthene
Concen: 37.706 ng
RT: 12.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 818711

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.3
203	17.7	0.0	37.4

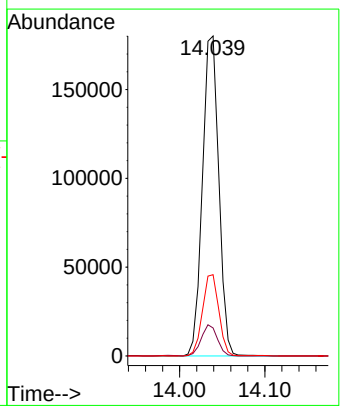


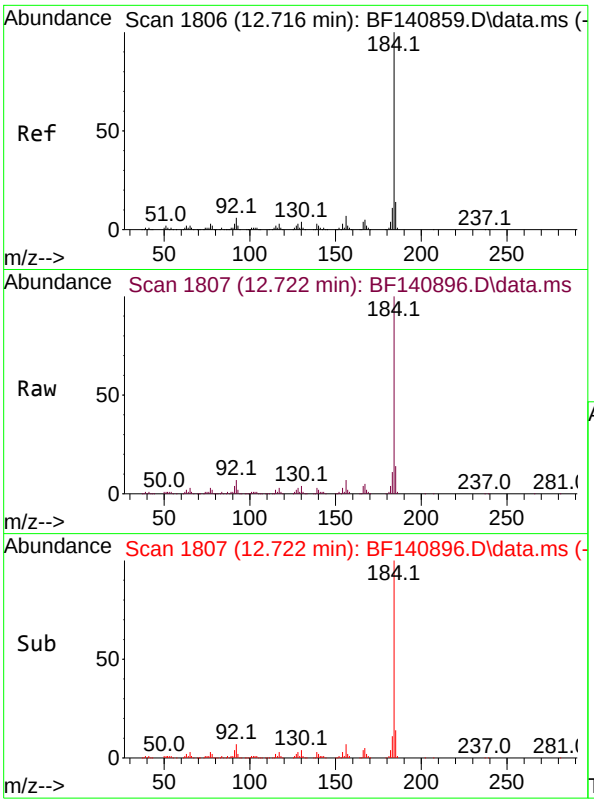


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:240 Resp: 240438

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.6	11.4
236	25.4	20.5	30.7



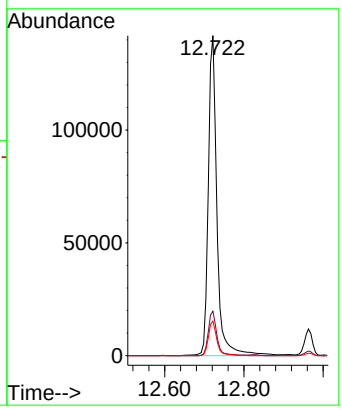


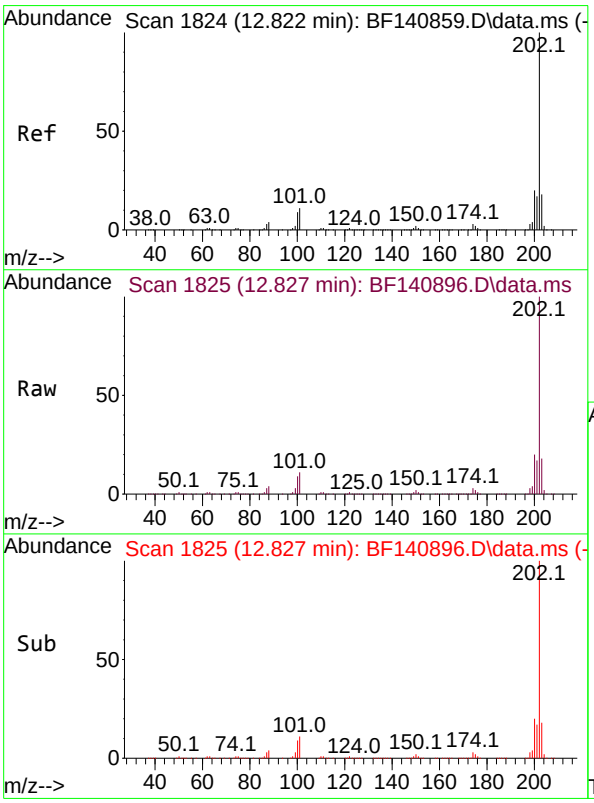
#77
Benzidine
Concen: 43.995 ng
RT: 12.722 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 215896

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.1	16.7
183	10.8	9.0	13.4

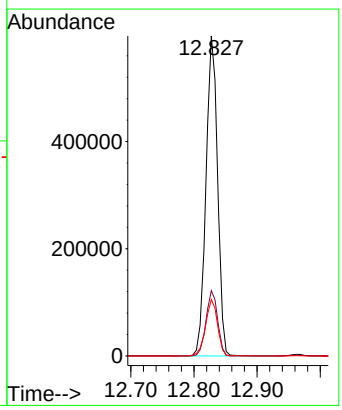


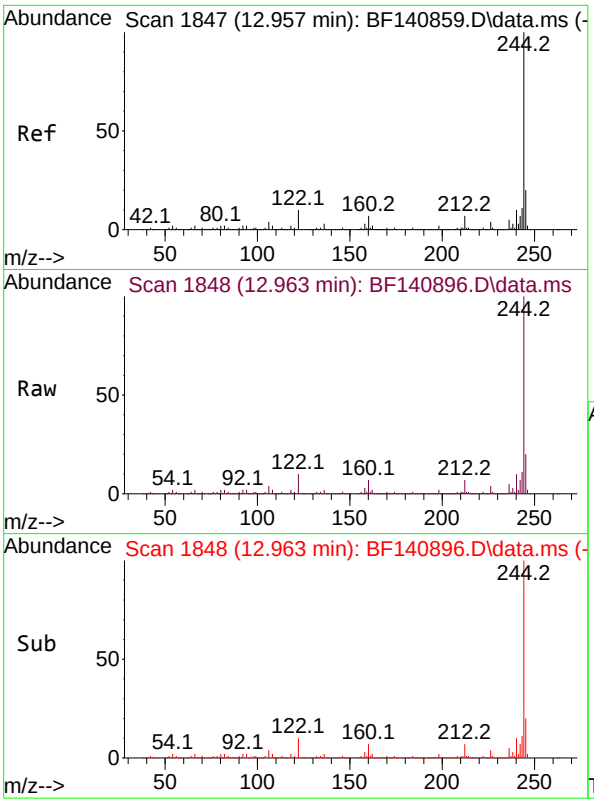


#78
Pyrene
Concen: 35.656 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:202 Resp: 762368

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.1	24.1
203	17.6	14.2	21.4



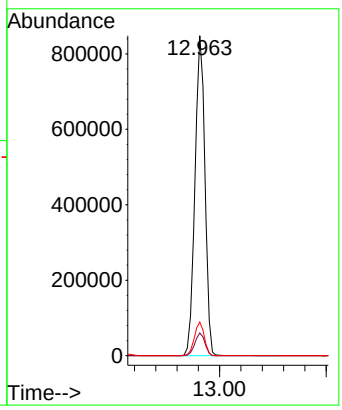


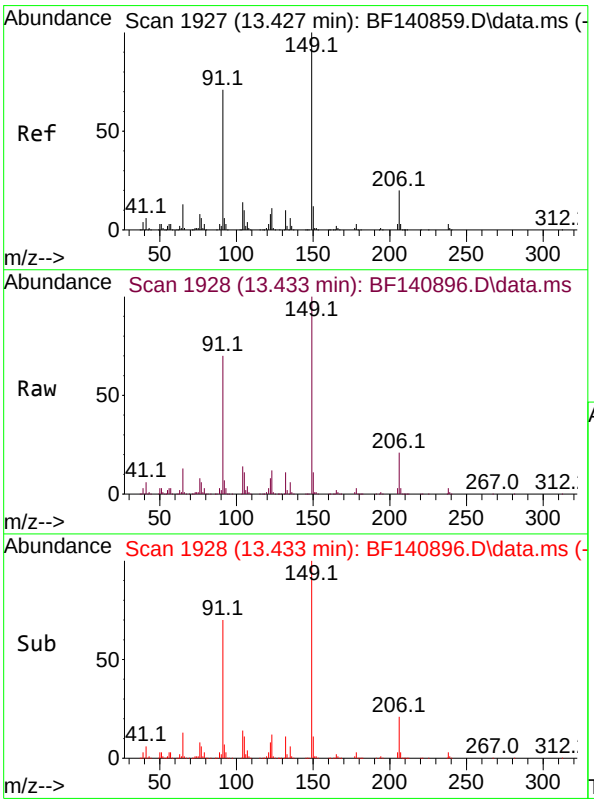
#79
Terphenyl-d14
Concen: 72.407 ng
RT: 12.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1104054

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.5	8.2	12.2

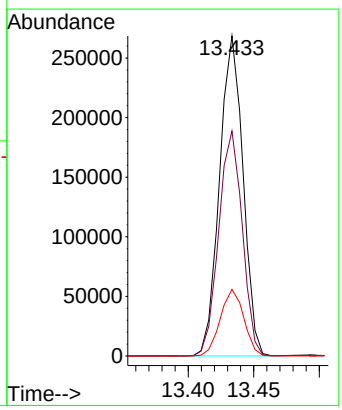


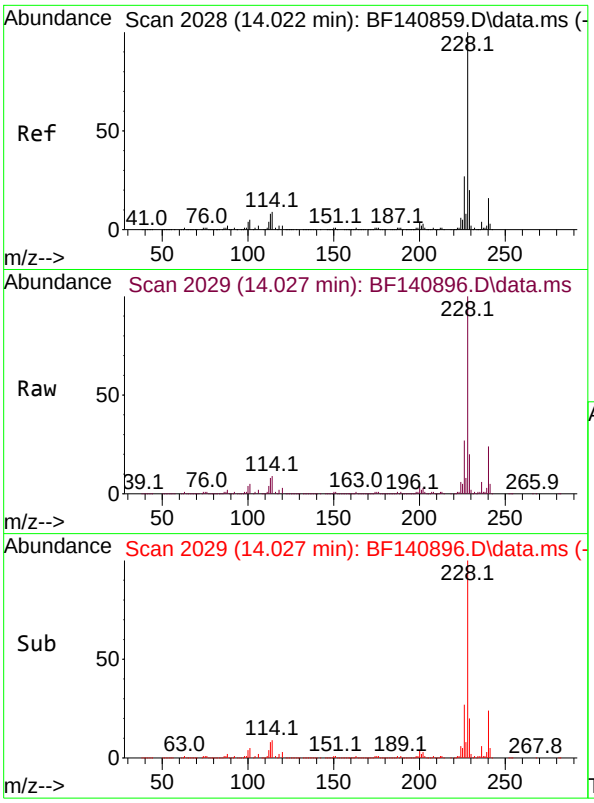


#80
Butylbenzylphthalate
Concen: 42.462 ng
RT: 13.433 min Scan# 1928
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:149 Resp: 334058

Ion	Ratio	Lower	Upper
149	100		
91	70.3	56.7	85.1
206	20.8	16.4	24.6



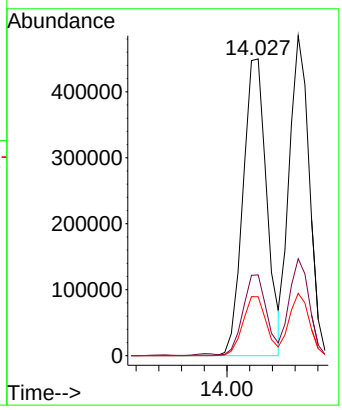


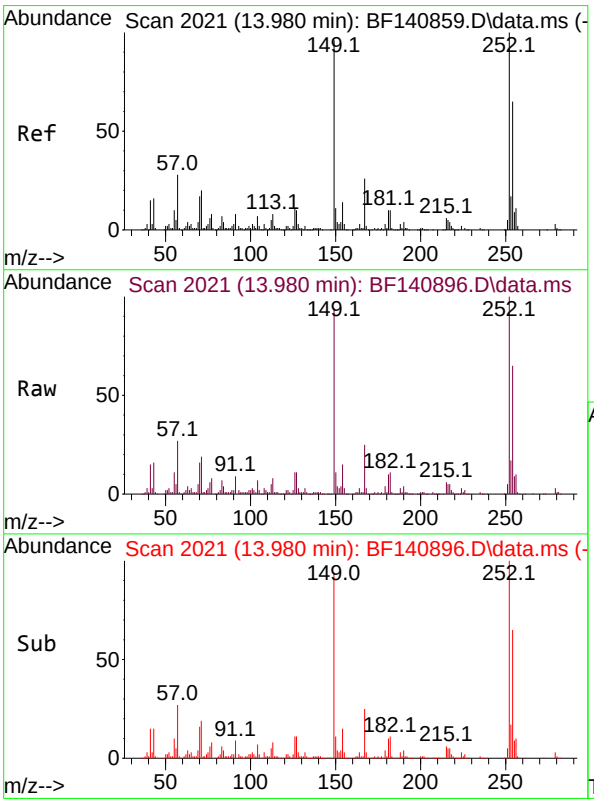
#81
Benzo(a)anthracene
Concen: 38.305 ng
RT: 14.027 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 652734

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.8	15.8	23.8

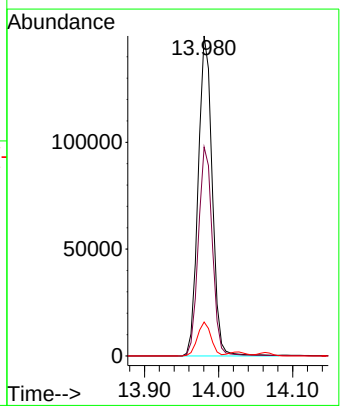


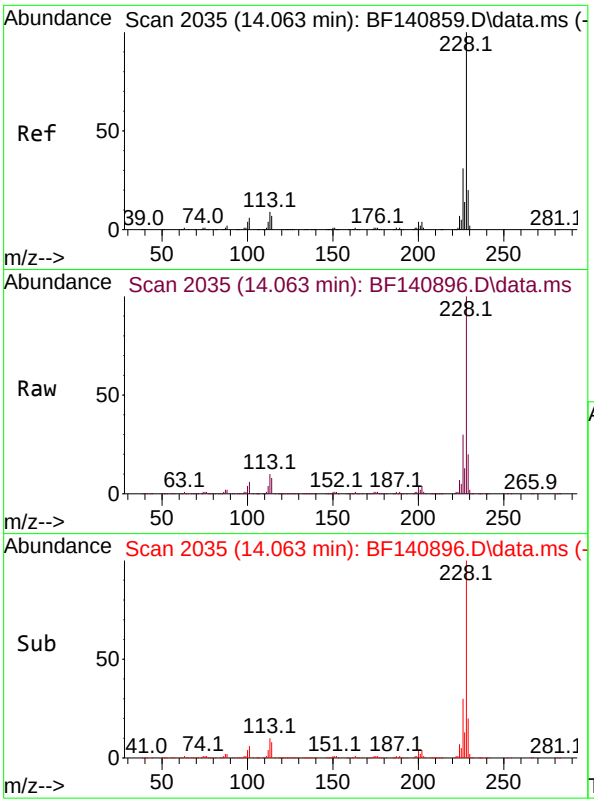


#82
3,3'-Dichlorobenzidine
Concen: 38.216 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:252 Resp: 196478

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.3	78.5
126	10.6	8.4	12.6



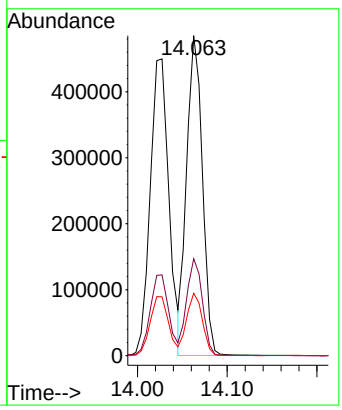


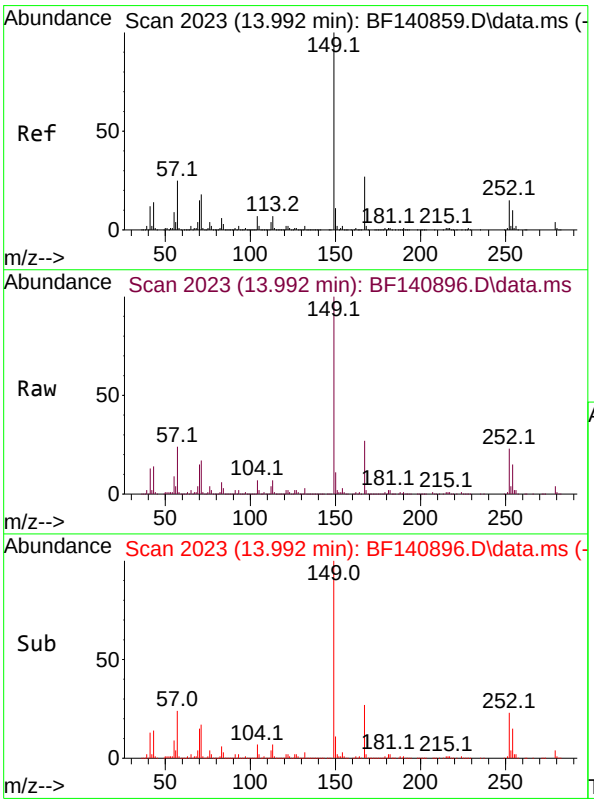
#83
Chrysene
Concen: 38.290 ng
RT: 14.063 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 593332

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.5	16.0	24.0

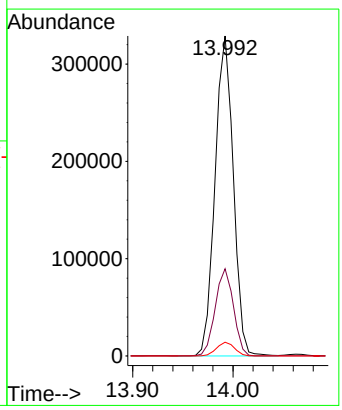


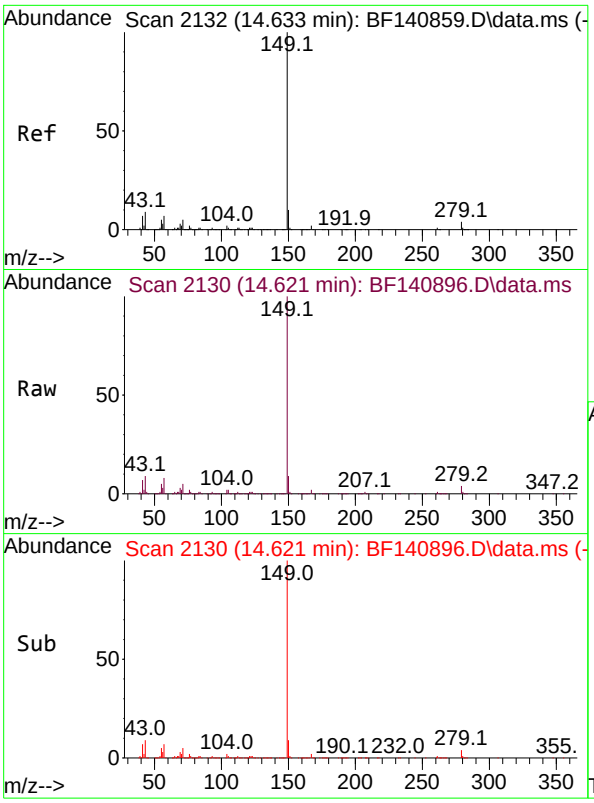


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.964 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:149 Resp: 415546

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	4.3	3.5	5.3



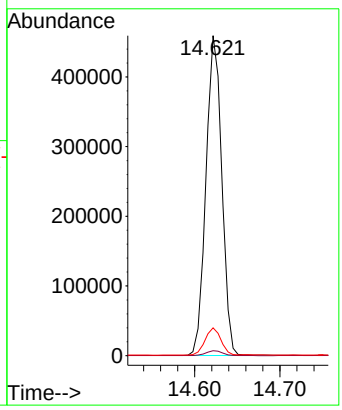


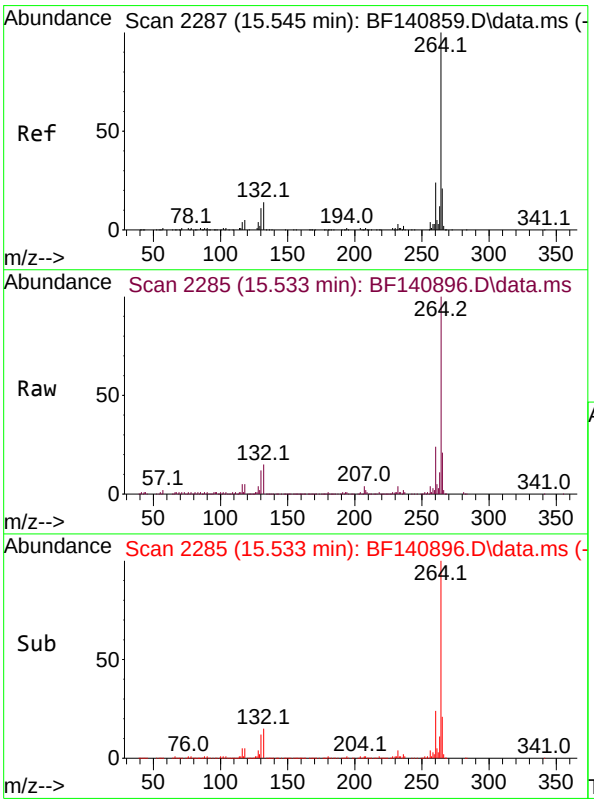
#85
Di-n-octyl phthalate
Concen: 38.603 ng
RT: 14.621 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 592446

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.8	7.0	10.6

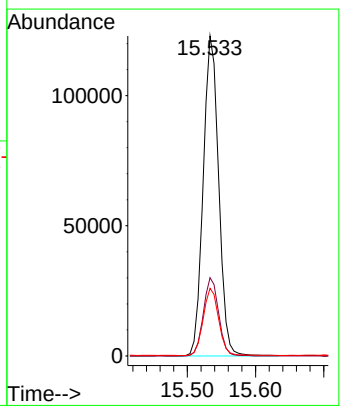


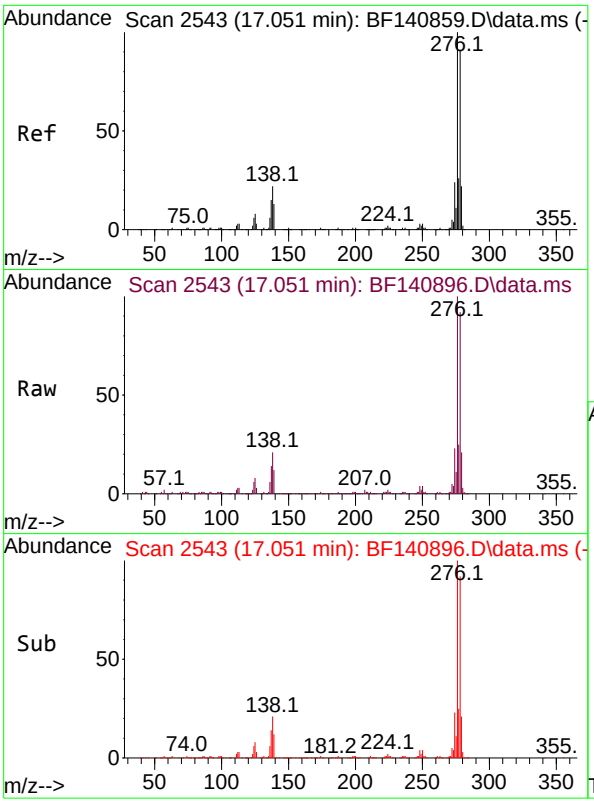


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:264 Resp: 194500

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	21.1	17.0	25.4



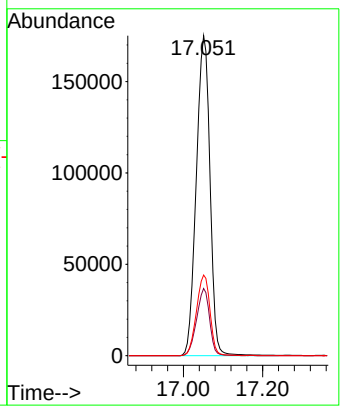


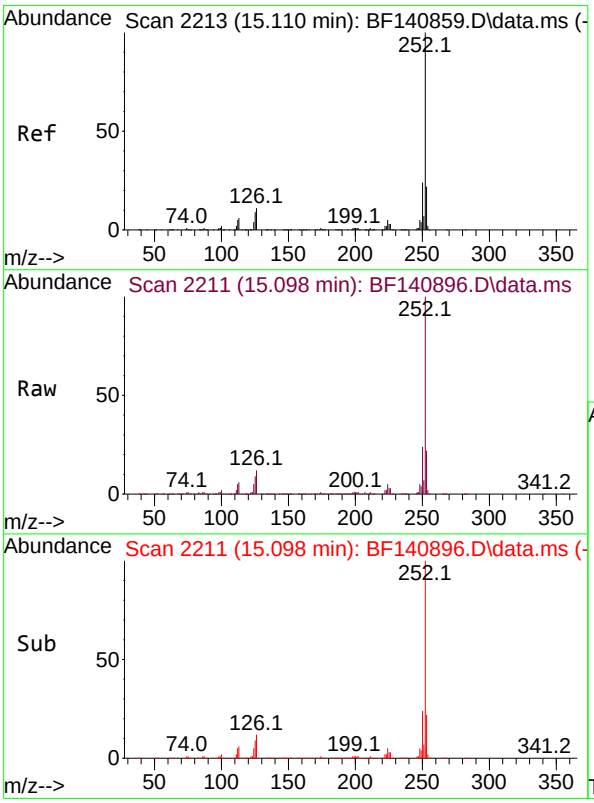
#87
Indeno(1,2,3-cd)pyrene
Concen: 34.551 ng
RT: 17.051 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 419359

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.9	25.3
277	24.9	20.2	30.4

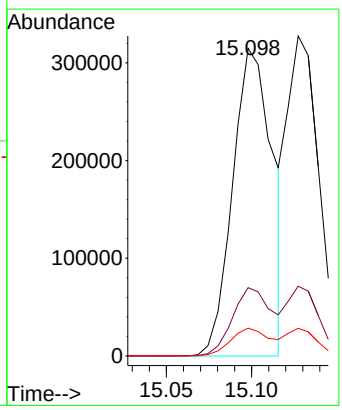


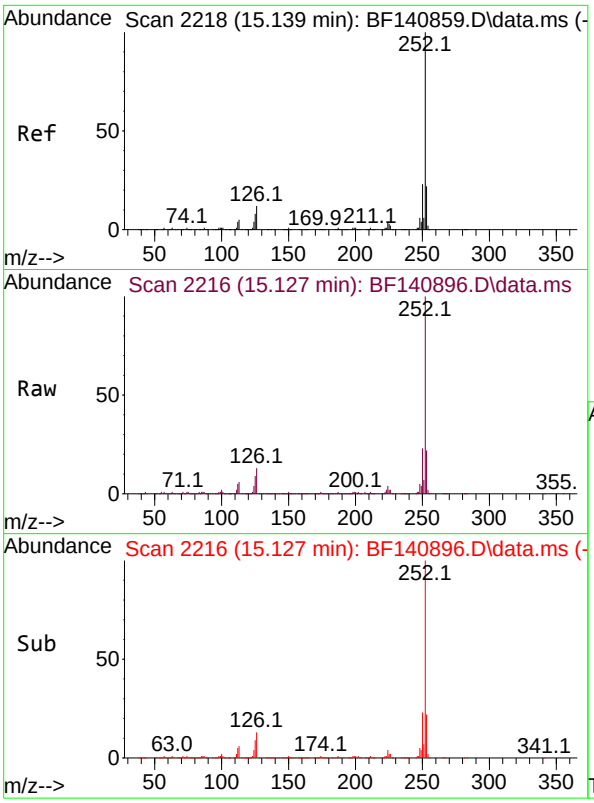


#88
Benzo(b)fluoranthene
Concen: 37.825 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:252 Resp: 510681

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.1	7.0	10.4



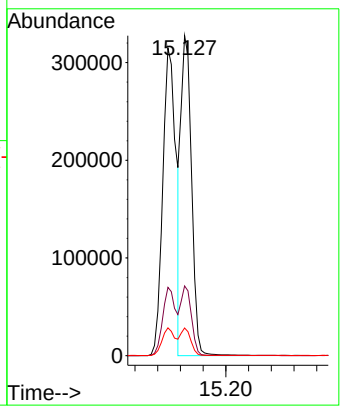


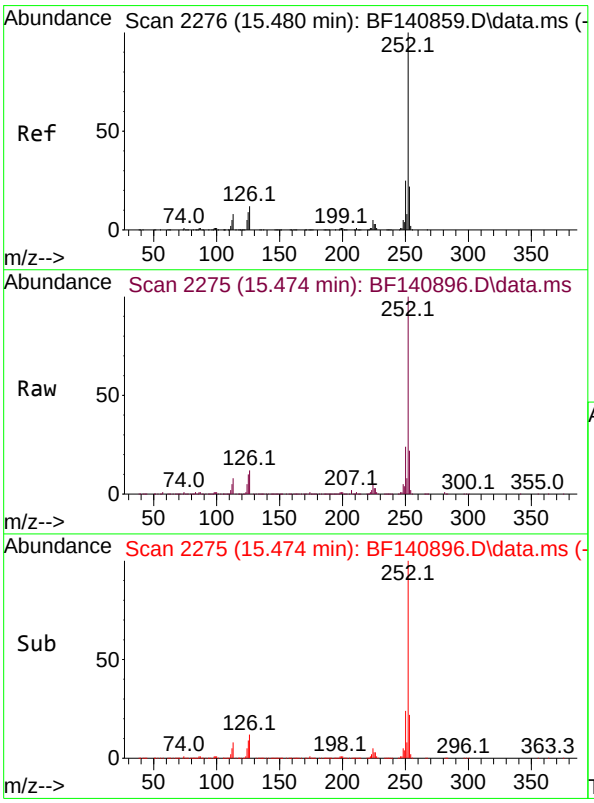
#89
Benzo(k)fluoranthene
Concen: 36.635 ng
RT: 15.127 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 424287

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	8.7	6.8	10.2

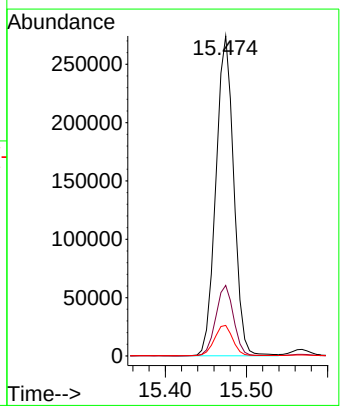


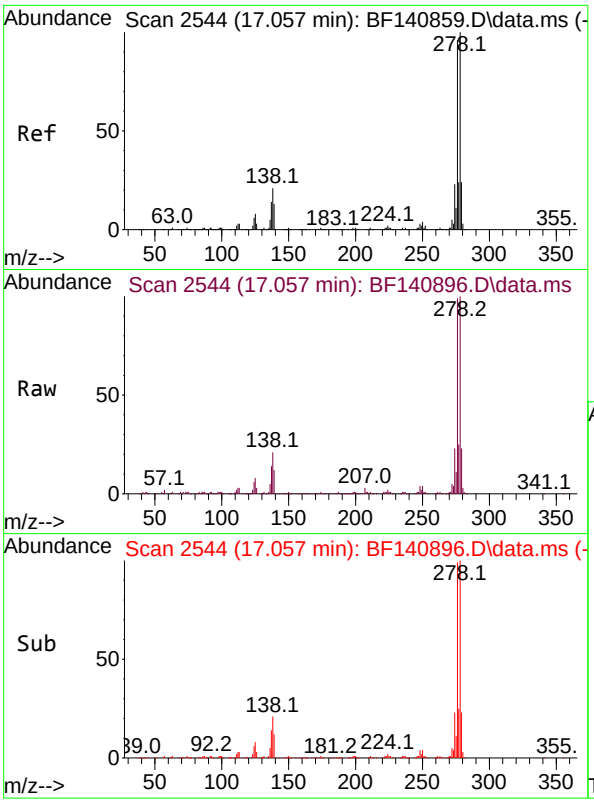


#90
Benzo(a)pyrene
Concen: 39.607 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:252 Resp: 418720

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.5	7.5	11.3



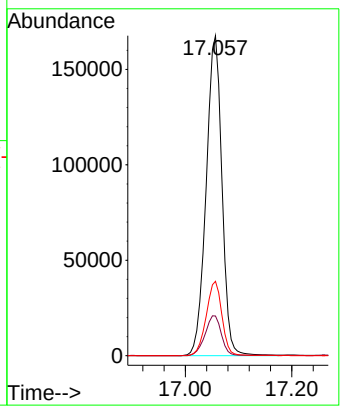


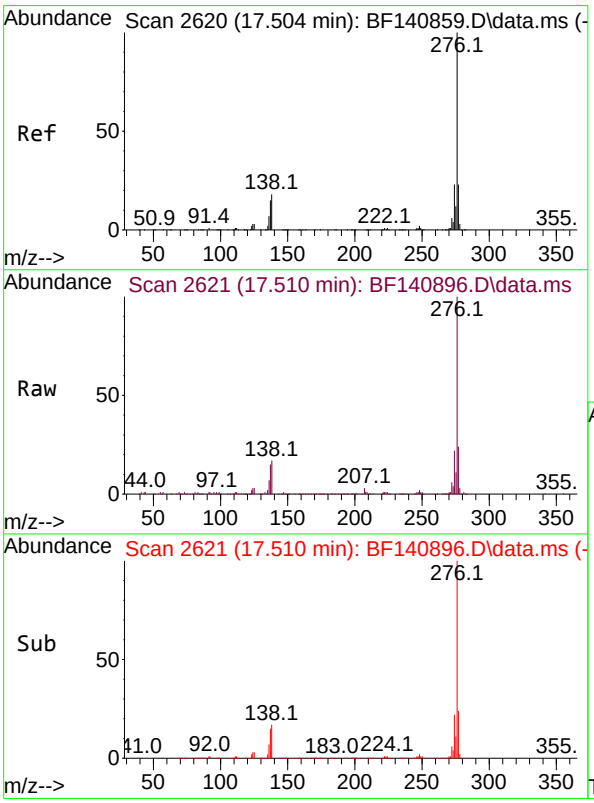
#91
Dibenzo(a,h)anthracene
Concen: 34.393 ng
RT: 17.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 345837

Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.6	16.0
279	23.3	19.2	28.8

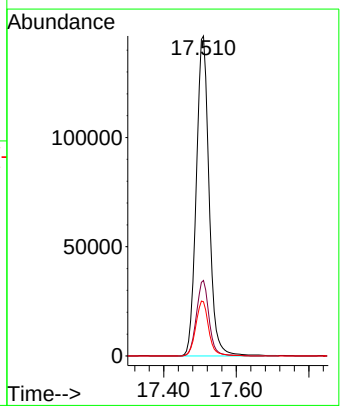




#92
Benzo(g,h,i)perylene
Concen: 35.060 ng
RT: 17.510 min Scan# 2621
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:276 Resp: 358807

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	16.9	14.2	21.2



Sample Results: **BF140896.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140896.D
Acq On : 18 Dec 2024 10:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 18 11:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00
2		1,4-Dioxane	0.523	0.530	-1.3	121	-0.02
3		Pyridine	1.212	1.311	-8.2	123	-0.02
4		n-Nitrosodimethylamine	0.611	0.620	-1.5	118	-0.02
5	S	2-Fluorophenol	1.215	1.202	1.1	115	0.00
6		Aniline	1.376	1.471	-6.9	123	0.00
7	S	Phenol-d6	1.609	1.679	-4.4	123	0.00
8		2-Chlorophenol	1.325	1.306	1.4	115	0.00
9		Benzaldehyde	0.892	0.843	5.5	112	0.00
10	C	Phenol	1.668	1.768	-6.0	124	0.00
11		bis(2-Chloroethyl)ether	1.244	1.215	2.3	113	0.00
12		1,3-Dichlorobenzene	1.510	1.556	-3.0	121	0.00
13	C	1,4-Dichlorobenzene	1.532	1.478	3.5	113	0.00
14		1,2-Dichlorobenzene	1.446	1.416	2.1	113	0.00
15		Benzyl Alcohol	1.151	1.139	1.0	114	0.00
16		2,2'-oxybis(1-Chloropropane	1.465	1.374	6.2	109	0.00
17		2-Methylphenol	1.058	0.992	6.2	109	0.00
18		Hexachloroethane	0.570	0.558	2.1	115	0.00
19	P	n-Nitroso-di-n-propylamine	0.965	0.916	5.1	114	0.00
20		3+4-Methylphenols	1.403	1.371	2.3	116	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	105	0.00
22		Acetophenone	0.500	0.532	-6.4	113	0.00
23	S	Nitrobenzene-d5	0.400	0.432	-8.0	115	0.00
24		Nitrobenzene	0.410	0.445	-8.5	116	0.00
25		Isophorone	0.670	0.725	-8.2	117	0.00
26	C	2-Nitrophenol	0.189	0.213	-12.7	119	0.00
27		2,4-Dimethylphenol	0.220	0.246	-11.8	117	0.00
28		bis(2-Chloroethoxy)methane	0.418	0.387	7.4	97	0.00
29	C	2,4-Dichlorophenol	0.304	0.299	1.6	105	0.00
30		1,2,4-Trichlorobenzene	0.349	0.330	5.4	101	0.00
31		Naphthalene	1.099	1.068	2.8	105	0.00
32		Benzoic acid	0.209	0.181	13.4	90	0.00
33		4-Chloroaniline	0.365	0.363	0.5	105	0.00
34	C	Hexachlorobutadiene	0.235	0.220	6.4	99	0.00
35		Caprolactam	0.091	0.095	-4.4	110	0.00
36	C	4-Chloro-3-methylphenol	0.342	0.334	2.3	104	0.00
37		2-Methylnaphthalene	0.727	0.705	3.0	103	0.00
38		1-Methylnaphthalene	0.719	0.706	1.8	105	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	99	0.00
40		1,2,4,5-Tetrachlorobenzene	0.615	0.611	0.7	105	0.00
41	P	Hexachlorocyclopentadiene	0.153	0.115	24.8	81	0.00
42	S	2,4,6-Tribromophenol	0.237	0.227	4.2	94	0.00
43	C	2,4,6-Trichlorophenol	0.376	0.387	-2.9	106	0.00
44		2,4,5-Trichlorophenol	0.414	0.423	-2.2	106	0.00
45	S	2-Fluorobiphenyl	1.455	1.461	-0.4	106	0.00
46		1,1'-Biphenyl	1.590	1.606	-1.0	106	0.00
47		2-Chloronaphthalene	1.217	1.244	-2.2	106	0.00

Sample Results: **BF140896.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140896.D
Acq On : 18 Dec 2024 10:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 18 11:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.367	0.399	-8.7	111	0.00
49		Acenaphthylene	1.788	1.740	2.7	100	0.00
50		Dimethylphthalate	1.410	1.402	0.6	103	0.00
51		2,6-Dinitrotoluene	0.322	0.351	-9.0	112	0.00
52	C	Acenaphthene	1.142	1.107	3.1	99	0.00
53		3-Nitroaniline	0.320	0.325	-1.6	102	0.00
54	P	2,4-Dinitrophenol	0.132	0.126	4.5	94	0.01
55		Dibenzofuran	1.770	1.696	4.2	98	0.00
56	P	4-Nitrophenol	0.150	0.127	15.3	77	0.01
57		2,4-Dinitrotoluene	0.424	0.422	0.5	100	0.00
58		Fluorene	1.460	1.412	3.3	97	0.00
59		2,3,4,6-Tetrachlorophenol	0.337	0.329	2.4	92	0.00
60		Diethylphthalate	1.462	1.386	5.2	96	0.00
61		4-Chlorophenyl-phenylether	0.733	0.699	4.6	97	0.00
62		4-Nitroaniline	0.334	0.337	-0.9	99	0.00
63		Azobenzene	1.375	1.324	3.7	96	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	101	0.00
65		4,6-Dinitro-2-methylphenol	0.113	0.113	0.0	98	0.01
66	c	n-Nitrosodiphenylamine	0.615	0.583	5.2	99	0.00
67		4-Bromophenyl-phenylether	0.224	0.210	6.3	97	0.00
68		Hexachlorobenzene	0.254	0.245	3.5	101	0.00
69		Atrazine	0.172	0.155	9.9	93	0.00
70	C	Pentachlorophenol	0.093	0.075	19.4	78	0.01
71		Phenanthrene	1.028	0.979	4.8	101	0.00
72		Anthracene	1.013	0.861	15.0	90	0.00
73		Carbazole	0.992	0.868	12.5	92	0.00
74		Di-n-butylphthalate	1.164	1.072	7.9	96	0.00
75	C	Fluoranthene	1.184	1.117	5.7	100	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77		Benzidine	0.408	0.449	-10.0	111	0.00
78		Pyrene	1.779	1.585	10.9	93	0.00
79	S	Terphenyl-d14	1.268	1.148	9.5	95	0.00
80		Butylbenzylphthalate	0.654	0.695	-6.3	107	0.00
81		Benzo(a)anthracene	1.417	1.357	4.2	100	0.00
82		3,3'-Dichlorobenzidine	0.428	0.409	4.4	99	0.00
83		Chrysene	1.289	1.234	4.3	97	0.00
84		Bis(2-ethylhexyl)phthalate	0.844	0.864	-2.4	105	0.00
85	c	Di-n-octyl phthalate	1.277	1.232	3.5	100	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	96	-0.01
87		Indeno(1,2,3-cd)pyrene	1.248	1.078	13.6	82	0.00
88		Benzo(b)fluoranthene	1.388	1.313	5.4	97	-0.01
89		Benzo(k)fluoranthene	1.191	1.091	8.4	85	-0.01
90	C	Benzo(a)pyrene	1.087	1.076	1.0	96	0.00
91		Dibenzo(a,h)anthracene	1.034	0.889	14.0	81	0.00
92		Benzo(g,h,i)perylene	1.052	0.922	12.4	83	0.00

Sample Results: **BF140896.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140896.D
Acq On : 18 Dec 2024 10:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 18 11:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BF140896.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140896.D
Acq On : 18 Dec 2024 10:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 18 11:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	115	0.00
2		1,4-Dioxane	40.000	40.522	-1.3	121	-0.02
3		Pyridine	40.000	43.274	-8.2	123	-0.02
4		n-Nitrosodimethylamine	40.000	40.621	-1.6	118	-0.02
5	S	2-Fluorophenol	80.000	79.159	1.1	115	0.00
6		Aniline	40.000	42.751	-6.9	123	0.00
7	S	Phenol-d6	80.000	83.480	-4.4	123	0.00
8		2-Chlorophenol	40.000	39.424	1.4	115	0.00
9		Benzaldehyde	40.000	37.817	5.5	112	0.00
10	C	Phenol	40.000	42.405	-6.0	124	0.00
11		bis(2-Chloroethyl)ether	40.000	39.059	2.4	113	0.00
12		1,3-Dichlorobenzene	40.000	41.232	-3.1	121	0.00
13	C	1,4-Dichlorobenzene	40.000	38.584	3.5	113	0.00
14		1,2-Dichlorobenzene	40.000	39.176	2.1	113	0.00
15		Benzyl Alcohol	40.000	39.614	1.0	114	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.520	6.2	109	0.00
17		2-Methylphenol	40.000	37.495	6.3	109	0.00
18		Hexachloroethane	40.000	39.095	2.3	115	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.961	5.1	114	0.00
20		3+4-Methylphenols	40.000	39.090	2.3	116	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	105	0.00
22		Acetophenone	40.000	42.570	-6.4	113	0.00
23	S	Nitrobenzene-d5	80.000	86.444	-8.1	115	0.00
24		Nitrobenzene	40.000	43.417	-8.5	116	0.00
25		Isophorone	40.000	43.291	-8.2	117	0.00
26	C	2-Nitrophenol	40.000	45.111	-12.8	119	0.00
27		2,4-Dimethylphenol	40.000	44.606	-11.5	117	0.00
28		bis(2-Chloroethoxy)methane	40.000	36.963	7.6	97	0.00
29	C	2,4-Dichlorophenol	40.000	39.353	1.6	105	0.00
30		1,2,4-Trichlorobenzene	40.000	37.902	5.2	101	0.00
31		Naphthalene	40.000	38.867	2.8	105	0.00
32		Benzoic acid	40.000	34.629	13.4	90	0.00
33		4-Chloroaniline	40.000	39.799	0.5	105	0.00
34	C	Hexachlorobutadiene	40.000	37.565	6.1	99	0.00
35		Caprolactam	40.000	41.905	-4.8	110	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.060	2.3	104	0.00
37		2-Methylnaphthalene	40.000	38.821	2.9	103	0.00
38		1-Methylnaphthalene	40.000	39.299	1.8	105	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	99	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.785	0.5	105	0.00
41	P	Hexachlorocyclopentadiene	40.000	34.386	14.0	81	0.00
42	S	2,4,6-Tribromophenol	80.000	76.807	4.0	94	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.118	-2.8	106	0.00
44		2,4,5-Trichlorophenol	40.000	40.876	-2.2	106	0.00
45	S	2-Fluorobiphenyl	80.000	80.324	-0.4	106	0.00
46		1,1'-Biphenyl	40.000	40.398	-1.0	106	0.00
47		2-Chloronaphthalene	40.000	40.911	-2.3	106	0.00

Sample Results: **BF140896.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140896.D
Acq On : 18 Dec 2024 10:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 18 11:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	43.425	-8.6	111	0.00
49		Acenaphthylene	40.000	38.931	2.7	100	0.00
50		Dimethylphthalate	40.000	39.776	0.6	103	0.00
51		2,6-Dinitrotoluene	40.000	43.593	-9.0	112	0.00
52	C	Acenaphthene	40.000	38.767	3.1	99	0.00
53		3-Nitroaniline	40.000	40.594	-1.5	102	0.00
54	P	2,4-Dinitrophenol	40.000	35.939	10.2	94	0.01
55		Dibenzofuran	40.000	38.326	4.2	98	0.00
56	P	4-Nitrophenol	40.000	32.311	19.2	77	0.01
57		2,4-Dinitrotoluene	40.000	39.835	0.4	100	0.00
58		Fluorene	40.000	38.696	3.3	97	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	38.997	2.5	92	0.00
60		Diethylphthalate	40.000	37.910	5.2	96	0.00
61		4-Chlorophenyl-phenylether	40.000	38.114	4.7	97	0.00
62		4-Nitroaniline	40.000	40.323	-0.8	99	0.00
63		Azobenzene	40.000	38.516	3.7	96	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	101	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.708	0.7	98	0.01
66	c	n-Nitrosodiphenylamine	40.000	37.953	5.1	99	0.00
67		4-Bromophenyl-phenylether	40.000	37.605	6.0	97	0.00
68		Hexachlorobenzene	40.000	38.710	3.2	101	0.00
69		Atrazine	40.000	36.014	10.0	93	0.00
70	C	Pentachlorophenol	40.000	32.272	19.3	78	0.01
71		Phenanthrene	40.000	38.078	4.8	101	0.00
72		Anthracene	40.000	33.996	15.0	90	0.00
73		Carbazole	40.000	34.980	12.6	92	0.00
74		Di-n-butylphthalate	40.000	36.845	7.9	96	0.00
75	C	Fluoranthene	40.000	37.706	5.7	100	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77		Benzidine	40.000	43.995	-10.0	111	0.00
78		Pyrene	40.000	35.656	10.9	93	0.00
79	S	Terphenyl-d14	80.000	72.407	9.5	95	0.00
80		Butylbenzylphthalate	40.000	42.462	-6.2	107	0.00
81		Benzo(a)anthracene	40.000	38.305	4.2	100	0.00
82		3,3'-Dichlorobenzidine	40.000	38.216	4.5	99	0.00
83		Chrysene	40.000	38.290	4.3	97	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.964	-2.4	105	0.00
85	c	Di-n-octyl phthalate	40.000	38.603	3.5	100	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	96	-0.01
87		Indeno(1,2,3-cd)pyrene	40.000	34.551	13.6	82	0.00
88		Benzo(b)fluoranthene	40.000	37.825	5.4	97	-0.01
89		Benzo(k)fluoranthene	40.000	36.635	8.4	85	-0.01
90	C	Benzo(a)pyrene	40.000	39.607	1.0	96	0.00
91		Dibenzo(a,h)anthracene	40.000	34.393	14.0	81	0.00
92		Benzo(g,h,i)perylene	40.000	35.060	12.3	83	0.00

Sample Results: **BF140896.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140896.D
Acq On : 18 Dec 2024 10:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 18 11:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BF140918.D**

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: PARS02

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG No.: P5291

Instrument ID: BNA_F Calibration Date/Time: 12/19/2024 11:38

Lab File ID: BF140918.D Init. Calib. Date(s): 12/16/2024 12/16/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:13 16:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.215	1.221		0.5	
Benzaldehyde	0.892	0.851		-4.6	
Phenol-d6	1.609	1.487		-7.6	
Phenol	1.668	1.568		-6.0	20.0
bis(2-Chloroethyl)ether	1.244	1.187		-4.6	
2-Chlorophenol	1.325	1.270		-4.2	
2-Methylphenol	1.058	0.965		-8.8	
2,2-oxybis(1-Chloropropane)	1.465	1.372		-6.3	
Acetophenone	0.500	0.482		-3.6	
3+4-Methylphenols	1.403	1.307		-6.8	
n-Nitroso-di-n-propylamine	0.965	0.878	0.050	-9.0	
Nitrobenzene-d5	0.400	0.386		-3.5	
Hexachloroethane	0.570	0.530		-7.0	
Nitrobenzene	0.410	0.392		-4.4	
Isophorone	0.670	0.648		-3.3	
2-Nitrophenol	0.189	0.188		-0.5	20.0
2,4-Dimethylphenol	0.220	0.217		-1.4	
bis(2-Chloroethoxy)methane	0.418	0.408		-2.4	
2,4-Dichlorophenol	0.304	0.300		-1.3	20.0
Naphthalene	1.099	1.070		-2.6	
4-Chloroaniline	0.365	0.367		0.5	
Hexachlorobutadiene	0.235	0.224		-4.7	20.0
Caprolactam	0.091	0.100		9.9	
4-Chloro-3-methylphenol	0.342	0.331		-3.2	20.0
2-Methylnaphthalene	0.727	0.712		-2.1	
Hexachlorocyclopentadiene	0.153	0.110	0.050	-28.1	
2,4,6-Trichlorophenol	0.376	0.385		2.4	20.0
2-Fluorobiphenyl	1.455	1.472		1.2	
2,4,5-Trichlorophenol	0.414	0.412		-0.5	
1,1-Biphenyl	1.590	1.648		3.6	
2-Chloronaphthalene	1.217	1.266		4.0	
2-Nitroaniline	0.367	0.391		6.5	
Dimethylphthalate	1.410	1.465		3.9	
Acenaphthylene	1.788	1.915		7.1	
2,6-Dinitrotoluene	0.322	0.329		2.2	
3-Nitroaniline	0.320	0.327		2.2	
Acenaphthene	1.142	1.107		-3.1	20.0
2,4-Dinitrophenol	0.132	0.123	0.050	-6.8	
4-Nitrophenol	0.150	0.181	0.050	20.7	

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: PARS02

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG No.: P5291

Instrument ID: BNA_F Calibration Date/Time: 12/19/2024 11:38

Lab File ID: BF140918.D Init. Calib. Date(s): 12/16/2024 12/16/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:13 16:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.770	1.720		-2.8	
2,4-Dinitrotoluene	0.424	0.419		-1.2	
Diethylphthalate	1.462	1.435		-1.8	
4-Chlorophenyl-phenylether	0.733	0.745		1.6	
Fluorene	1.460	1.449		-0.8	
4-Nitroaniline	0.334	0.350		4.8	
4,6-Dinitro-2-methylphenol	0.113	0.117		3.5	
n-Nitrosodiphenylamine	0.615	0.634		3.1	20.0
2,4,6-Tribromophenol	0.237	0.237		0.0	
4-Bromophenyl-phenylether	0.224	0.210		-6.3	
Hexachlorobenzene	0.254	0.242		-4.7	
Atrazine	0.172	0.145		-15.7	
Pentachlorophenol	0.093	0.077		-17.2	20.0
Phenanthrene	1.028	0.989		-3.8	
Anthracene	1.013	0.965		-4.7	
Carbazole	0.992	0.982		-1.0	
Di-n-butylphthalate	1.164	1.169		0.4	
Fluoranthene	1.184	1.131		-4.5	20.0
Pyrene	1.779	1.748		-1.7	
Terphenyl-d14	1.268	1.238		-2.4	
Butylbenzylphthalate	0.654	0.698		6.7	
3,3-Dichlorobenzidine	0.428	0.417		-2.6	
Benzo(a)anthracene	1.417	1.385		-2.3	
Chrysene	1.289	1.257		-2.5	
Bis(2-ethylhexyl)phthalate	0.844	0.881		4.4	
Di-n-octyl phthalate	1.277	1.249		-2.2	20.0
Benzo(b)fluoranthene	1.388	1.367		-1.5	
Benzo(k)fluoranthene	1.191	1.165		-2.2	
Benzo(a)pyrene	1.087	1.075		-1.1	20.0
Indeno(1,2,3-cd)pyrene	1.248	1.392		11.5	
Dibenzo(a,h)anthracene	1.034	1.153		11.5	
Benzo(g,h,i)perylene	1.052	1.158		10.1	
1,2,4,5-Tetrachlorobenzene	0.615	0.631		2.6	
1,4-Dioxane	0.523	0.450		-14.0	20.0
2,3,4,6-Tetrachlorophenol	0.337	0.351		4.2	

All other compounds must meet a minimum RRF of 0.010.

Quantitation Report (QT Reviewed)

Sample Results: **BF140918.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140918.D
Acq On : 19 Dec 2024 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	84249	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	305577	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	170469	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	341650	20.000	ng		0.00
76) Chrysene-d12	14.033	240	232895	20.000	ng		0.00
86) Perylene-d12	15.515	264	172998	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	411577	80.420	ng		0.00
7) Phenol-d6	6.504	99	501242	73.945	ng		0.00
23) Nitrobenzene-d5	7.416	82	471746	77.237	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	161668	80.186	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1003441	80.929	ng		0.00
79) Terphenyl-d14	12.963	244	1153538	78.103	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	75828	34.398	ng		99
3) Pyridine	3.375	79	190044	37.226	ng		98
4) n-Nitrosodimethylamine	3.328	42	89458	34.760	ng		95
6) Aniline	6.516	93	218818	37.754	ng		95
8) 2-Chlorophenol	6.645	128	213969	38.339	ng		99
9) Benzaldehyde	6.410	77	143406	38.181	ng		99
10) Phenol	6.516	94	264126	37.595	ng		95
11) bis(2-Chloroethyl)ether	6.586	93	200041	38.180	ng		99
12) 1,3-Dichlorobenzene	6.792	146	241546	37.982	ng		97
13) 1,4-Dichlorobenzene	6.869	146	248345	38.472	ng		100
14) 1,2-Dichlorobenzene	7.022	146	227698	37.385	ng		98
15) Benzyl Alcohol	6.998	79	184958	38.161	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	231101	37.443	ng		90
17) 2-Methylphenol	7.116	107	162635	36.500	ng		98
18) Hexachloroethane	7.357	117	89366	37.187	ng		99
19) n-Nitroso-di-n-propyla...	7.263	70	147876	36.368	ng		99
20) 3+4-Methylphenols	7.275	107	220217	37.271	ng	#	82
22) Acetophenone	7.263	105	294496	38.526	ng		97
24) Nitrobenzene	7.439	77	239875	38.336	ng		96
25) Isophorone	7.675	82	395780	38.674	ng		100
26) 2-Nitrophenol	7.751	139	114638	39.779	ng		97
27) 2,4-Dimethylphenol	7.792	122	132424	39.347	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	249138	38.978	ng		98
29) 2,4-Dichlorophenol	8.004	162	183519	39.496	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	204009	38.301	ng		99
31) Naphthalene	8.151	128	654138	38.970	ng		99
32) Benzoic acid	7.945	122	123570	38.714	ng		97
33) 4-Chloroaniline	8.210	127	224241	40.223	ng		98
34) Hexachlorobutadiene	8.263	225	136617	38.122	ng		100
35) Caprolactam	8.592	113	60832	43.976	ng		96
36) 4-Chloro-3-methylphenol	8.704	107	202329	38.688	ng		99
37) 2-Methylnaphthalene	8.845	142	434855	39.163	ng		99
38) 1-Methylnaphthalene	8.939	142	415212	37.810	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	215076	41.048	ng		100
41) Hexachlorocyclopentadiene	8.992	237	37591	33.321	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	131103	40.863	ng		99

Sample Results: **BF140918.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140918.D
Acq On : 19 Dec 2024 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	140360	39.803 ng	99
46) 1,1'-Biphenyl	9.304	154	561991	41.459 ng	98
47) 2-Chloronaphthalene	9.333	162	431564	41.616 ng	99
48) 2-Nitroaniline	9.439	65	133473	42.617 ng	96
49) Acenaphthylene	9.751	152	652886	42.842 ng	99
50) Dimethylphthalate	9.604	163	499397	41.552 ng	100
51) 2,6-Dinitrotoluene	9.680	165	112231	40.848 ng	96
52) Acenaphthene	9.922	154	377262	38.754 ng	100
53) 3-Nitroaniline	9.857	138	111648	40.947 ng	97
54) 2,4-Dinitrophenol	9.980	184	42021	35.324 ng	91
55) Dibenzofuran	10.092	168	586539	38.883 ng	99
56) 4-Nitrophenol	10.045	139	61754	44.209 ng	99
57) 2,4-Dinitrotoluene	10.092	165	142779	39.496 ng	100
58) Fluorene	10.439	166	494118	39.705 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	119606	41.624 ng	93
60) Diethylphthalate	10.304	149	489083	39.244 ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	254131	40.653 ng	97
62) 4-Nitroaniline	10.474	138	119268	41.859 ng	95
63) Azobenzene	10.586	77	474575	40.505 ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	79849	41.245 ng	96
66) n-Nitrosodiphenylamine	10.545	169	433206	41.241 ng	99
67) 4-Bromophenyl-phenylether	10.916	248	143364	37.509 ng	98
68) Hexachlorobenzene	10.986	284	165408	38.170 ng	98
69) Atrazine	11.074	200	98779	33.670 ng	97
70) Pentachlorophenol	11.198	266	52928	33.407 ng	99
71) Phenanthrene	11.404	178	676035	38.479 ng	100
72) Anthracene	11.457	178	659532	38.119 ng	100
73) Carbazole	11.616	167	671330	39.613 ng	100
74) Di-n-butylphthalate	11.927	149	798949	40.170 ng	100
75) Fluoranthene	12.598	202	772766	38.192 ng	100
77) Benzidine	12.721	184	225655	47.473 ng	100
78) Pyrene	12.827	202	814346	39.321 ng	100
80) Butylbenzylphthalate	13.433	149	325092	42.661 ng	99
81) Benzo(a)anthracene	14.021	228	645218	39.090 ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	194188	38.994 ng	98
83) Chrysene	14.057	228	585267	38.993 ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	410498	41.777 ng	99
85) Di-n-octyl phthalate	14.604	149	581635	39.126 ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	481528	44.604 ng	100
88) Benzo(b)fluoranthene	15.086	252	472804	39.372 ng	99
89) Benzo(k)fluoranthene	15.109	252	402948	39.117 ng	99
90) Benzo(a)pyrene	15.456	252	372061	39.568 ng	99
91) Dibenzo(a,h)anthracene	17.033	278	399099	44.623 ng	98
92) Benzo(g,h,i)perylene	17.492	276	400706	44.021 ng	100

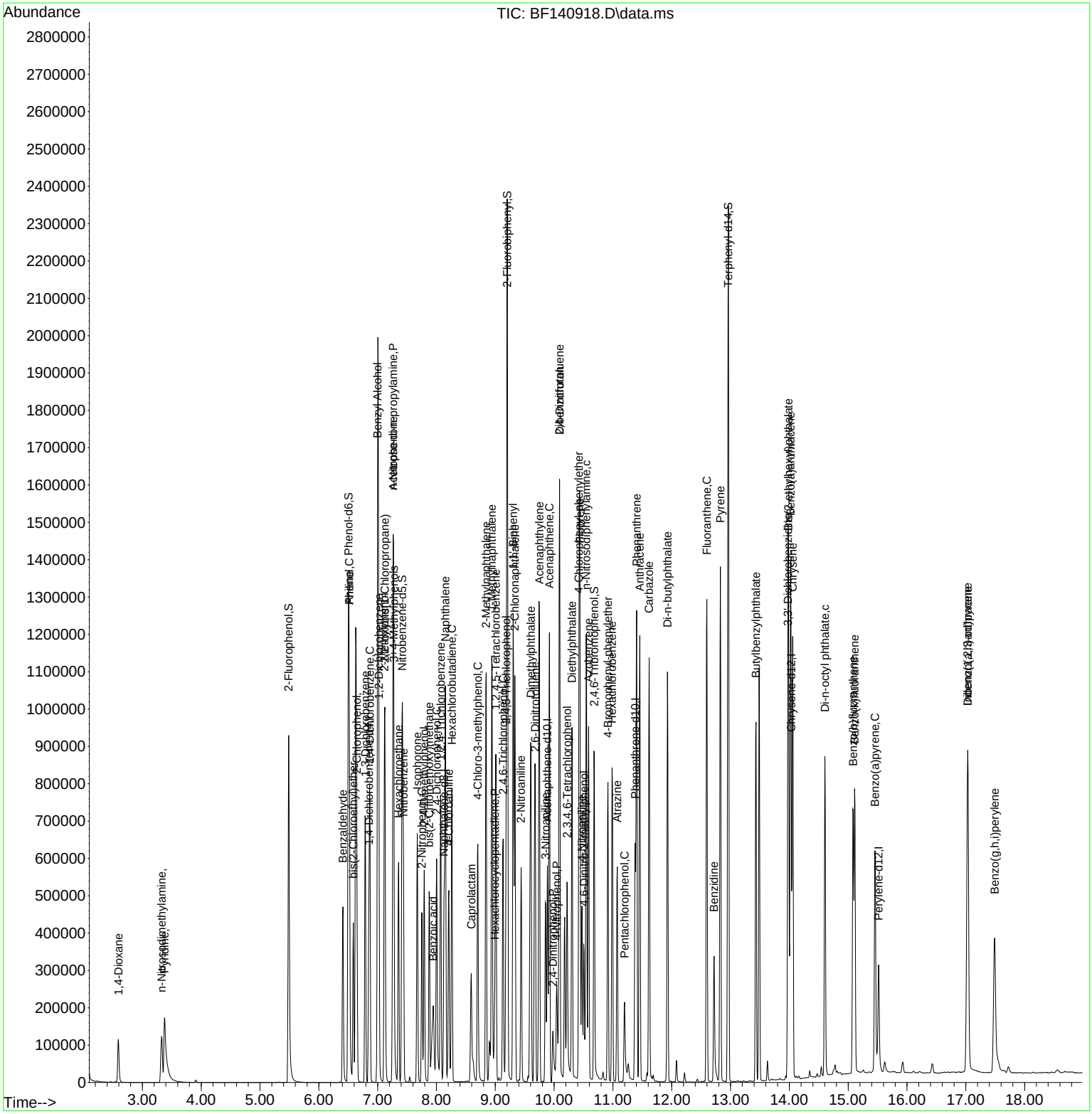
(#) = qualifier out of range (m) = manual integration (+) = signals summed

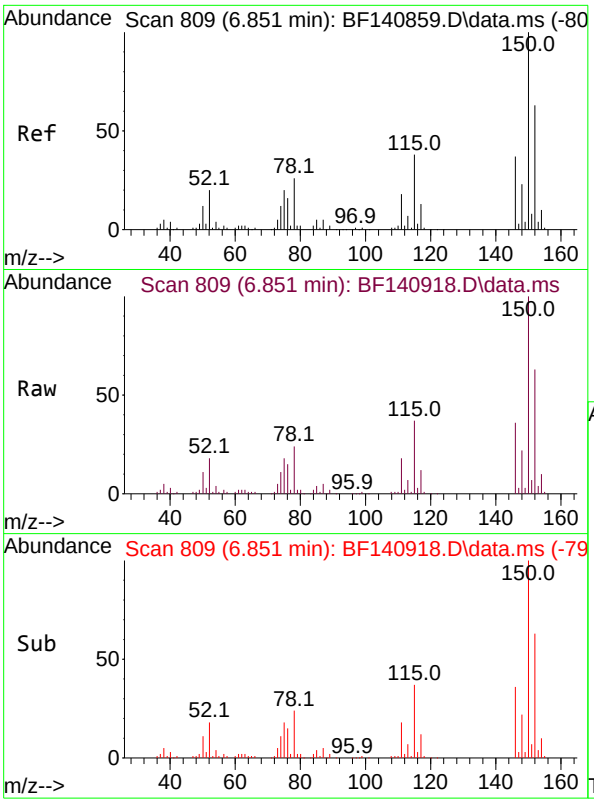
Sample Results: **BF140918.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140918.D
Acq On : 19 Dec 2024 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



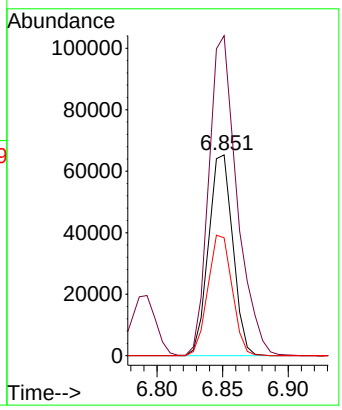


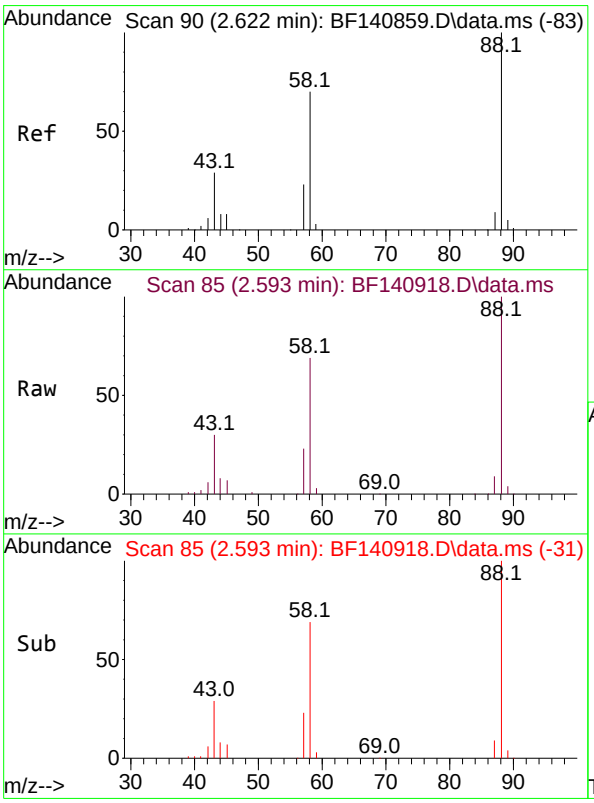
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 84249

Ion	Ratio	Lower	Upper
152	100		
150	159.4	127.9	191.9
115	58.8	48.0	72.0

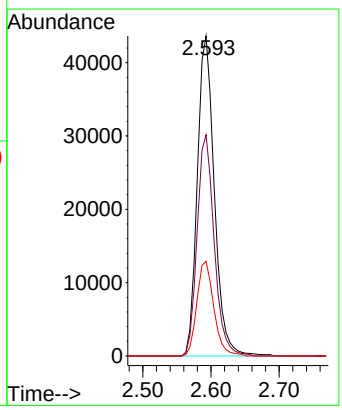


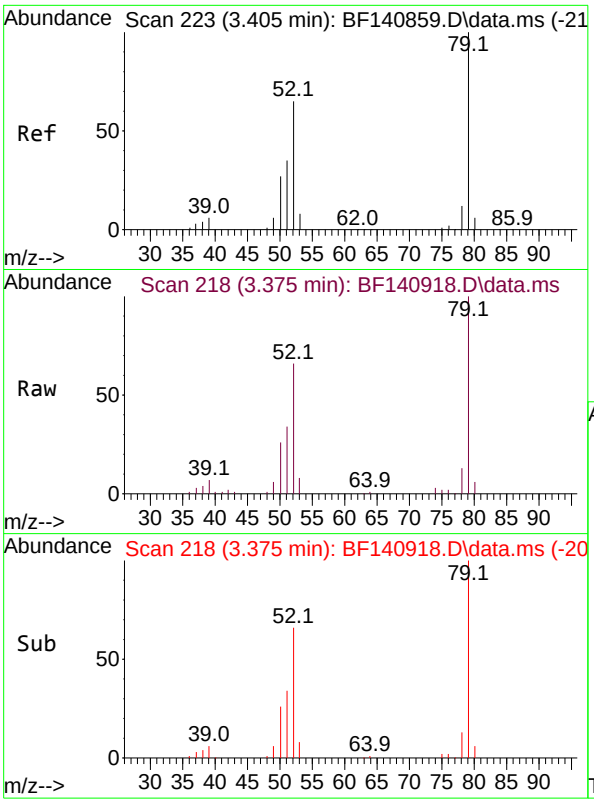


#2
1,4-Dioxane
Concen: 34.398 ng
RT: 2.593 min Scan# 85
Delta R.T. -0.030 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion: 88 Resp: 75828

Ion	Ratio	Lower	Upper
88	100		
58	69.1	55.8	83.8
43	29.5	22.7	34.1



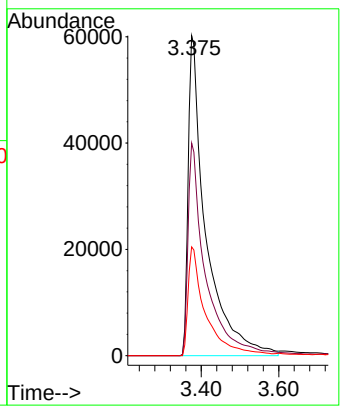


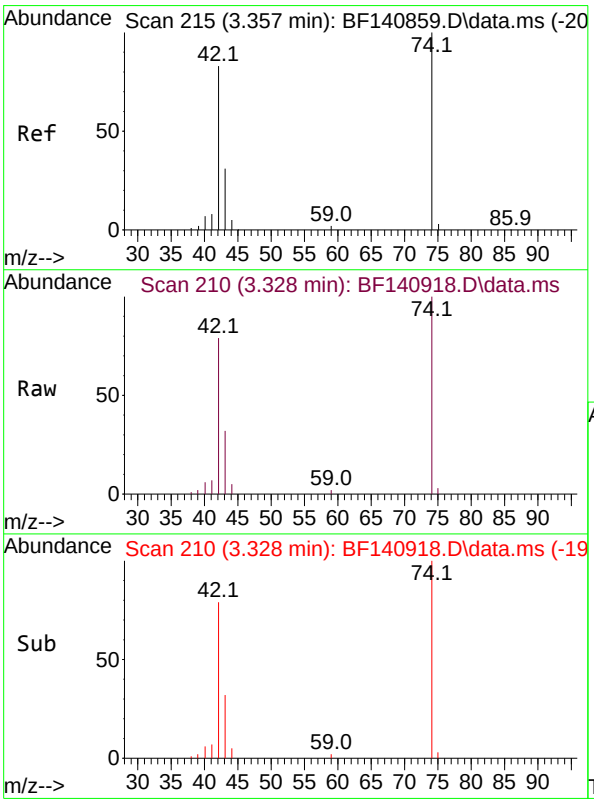
#3
Pyridine
Concen: 37.226 ng
RT: 3.375 min Scan# 2
Delta R.T. -0.030 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 190044

Ion	Ratio	Lower	Upper
79	100		
52	66.4	51.7	77.5
51	34.0	28.2	42.4

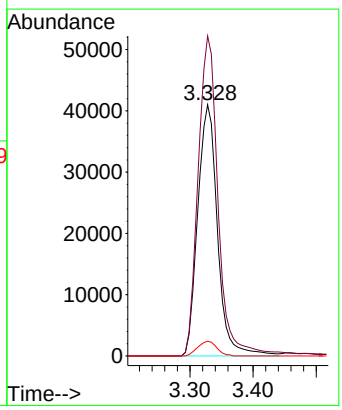


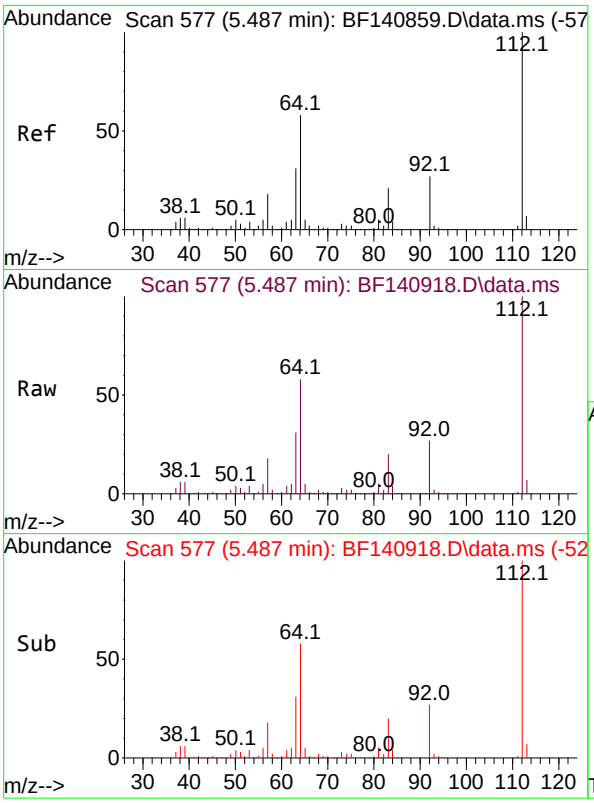


#4
n-Nitrosodimethylamine
Concen: 34.760 ng
RT: 3.328 min Scan# 210
Delta R.T. -0.030 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion: 42 Resp: 89458

Ion	Ratio	Lower	Upper
42	100		
74	127.4	96.9	145.3
44	5.8	4.4	6.6



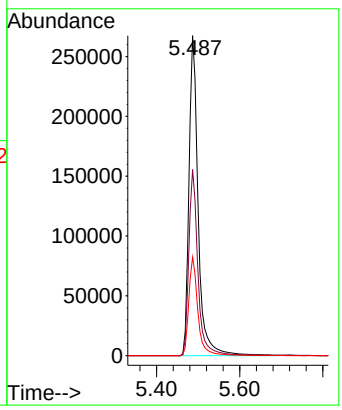


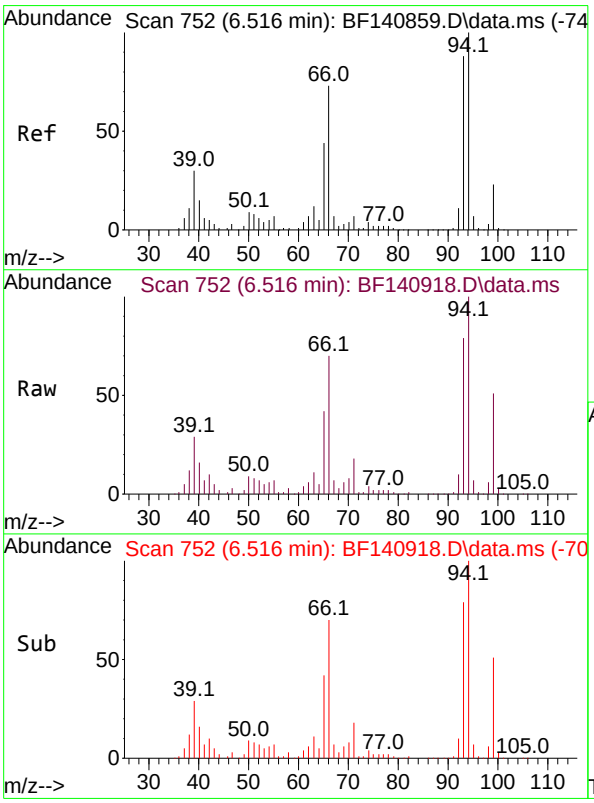
#5
2-Fluorophenol
Concen: 80.420 ng
RT: 5.487 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 411577

Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.1	69.1
63	30.8	24.9	37.3

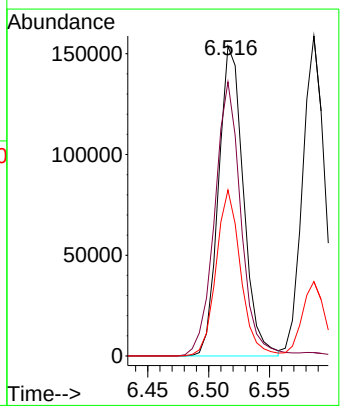


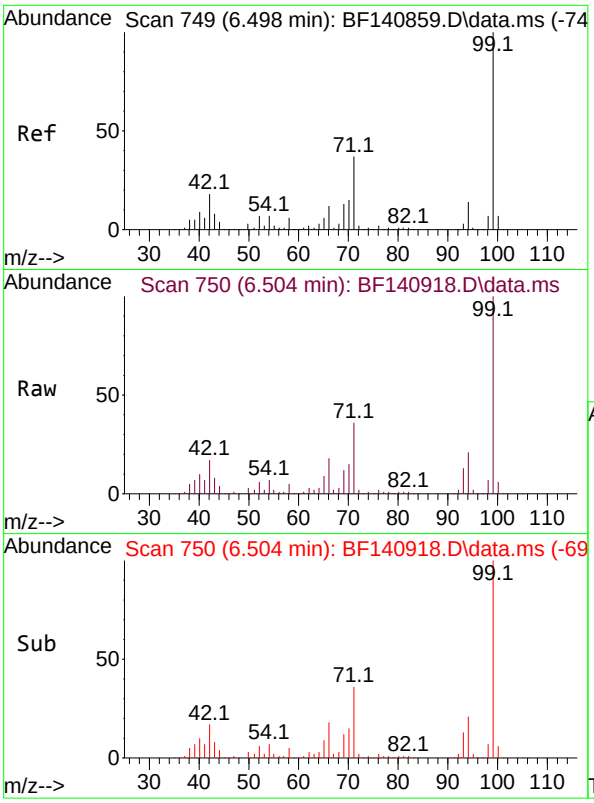


#6
Aniline
Concen: 37.754 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion: 93 Resp: 218818

Ion	Ratio	Lower	Upper
93	100		
66	88.5	67.0	100.4
65	53.6	40.4	60.6



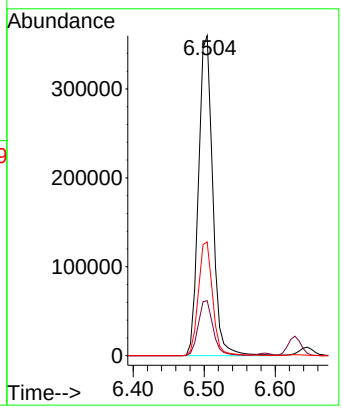


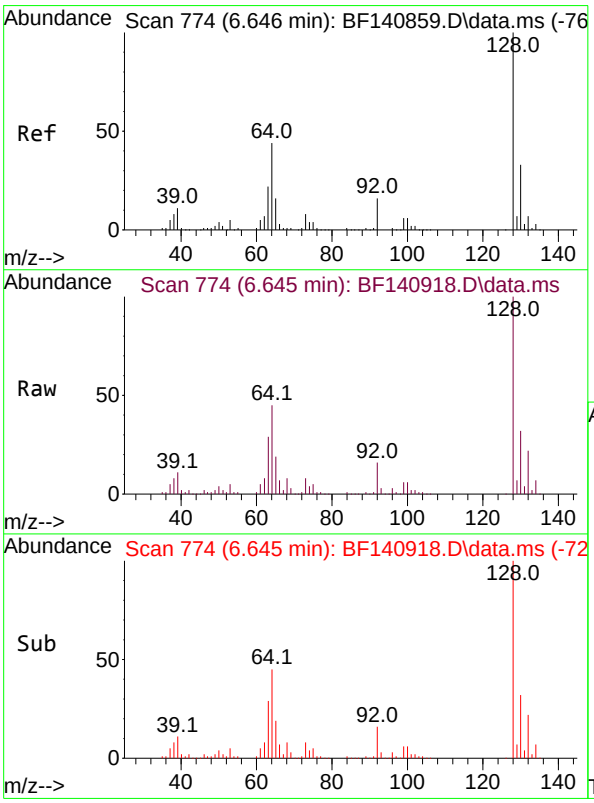
#7
Phenol-d6
Concen: 73.945 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 501242

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.3	21.5
71	35.6	29.9	44.9

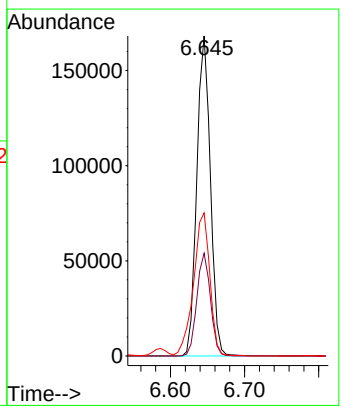


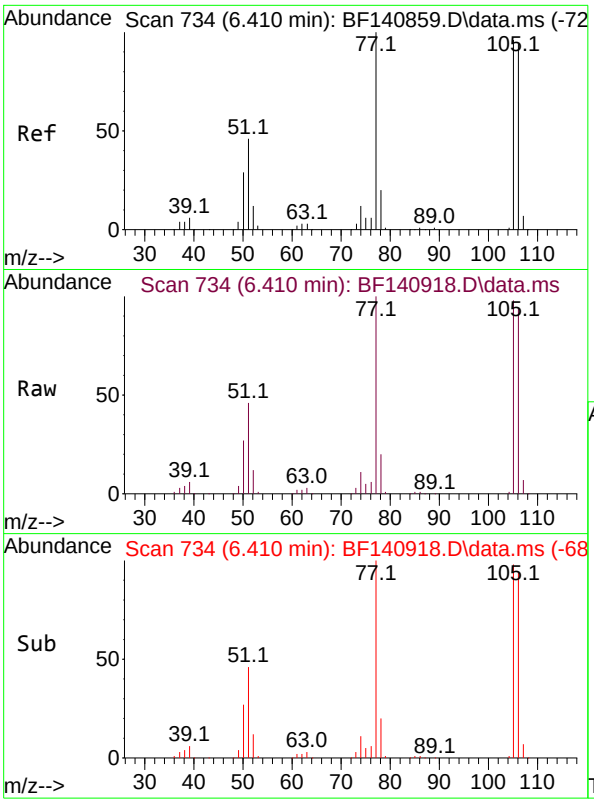


#8
2-Chlorophenol
Concen: 38.339 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:128 Resp: 213969

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	44.7	24.3	64.3



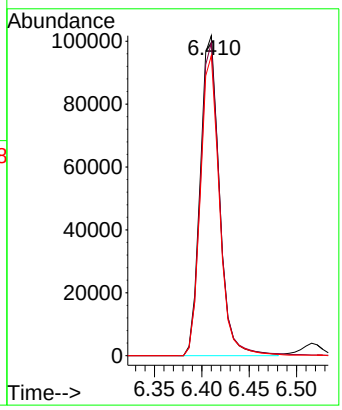


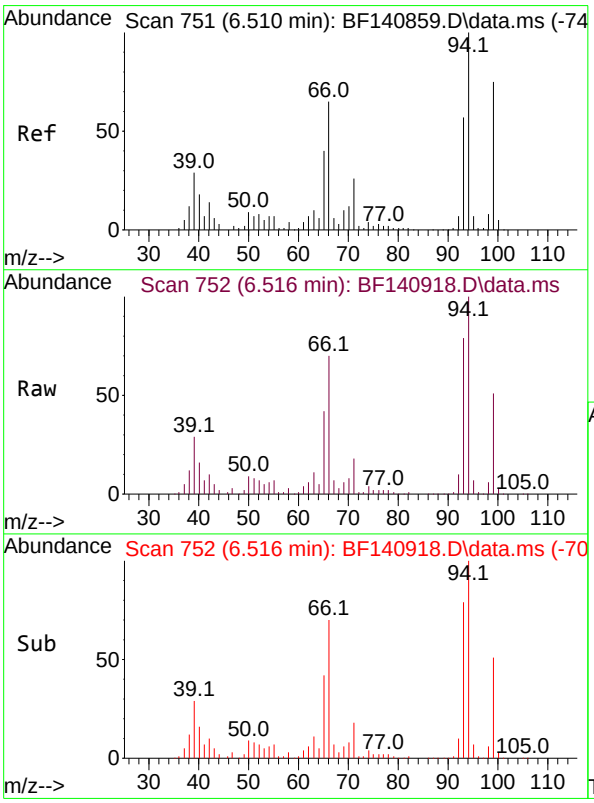
#9
Benzaldehyde
Concen: 38.181 ng
RT: 6.410 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 143406

Ion	Ratio	Lower	Upper
77	100		
105	97.7	75.8	115.8
106	93.8	74.1	114.1

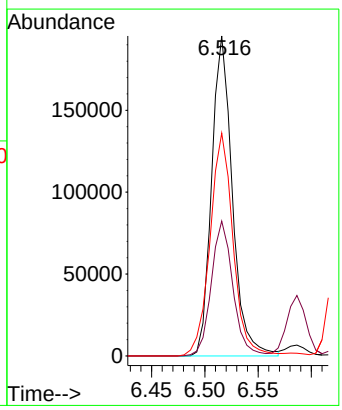


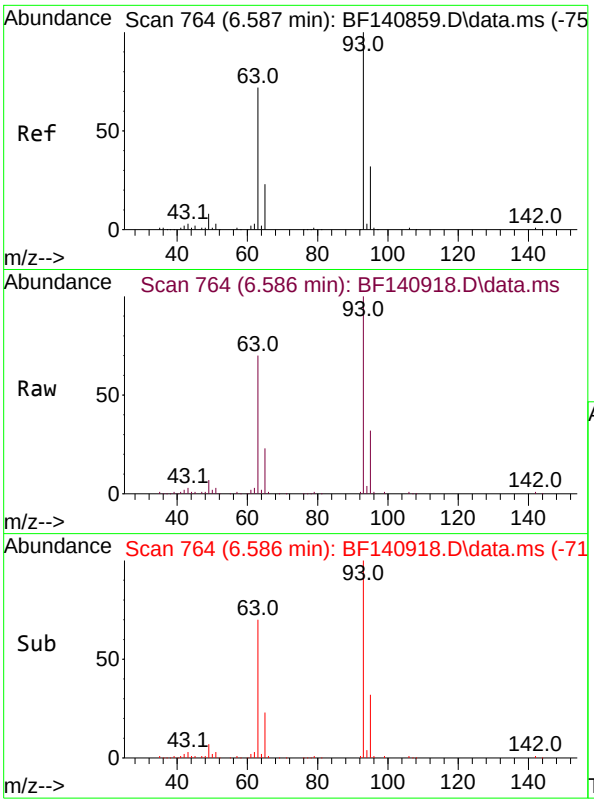


#10
Phenol
Concen: 37.595 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion: 94 Resp: 264126

Ion	Ratio	Lower	Upper
94	100		
65	42.2	19.9	59.9
66	69.6	45.6	85.6



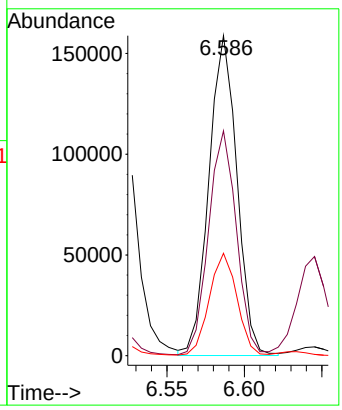


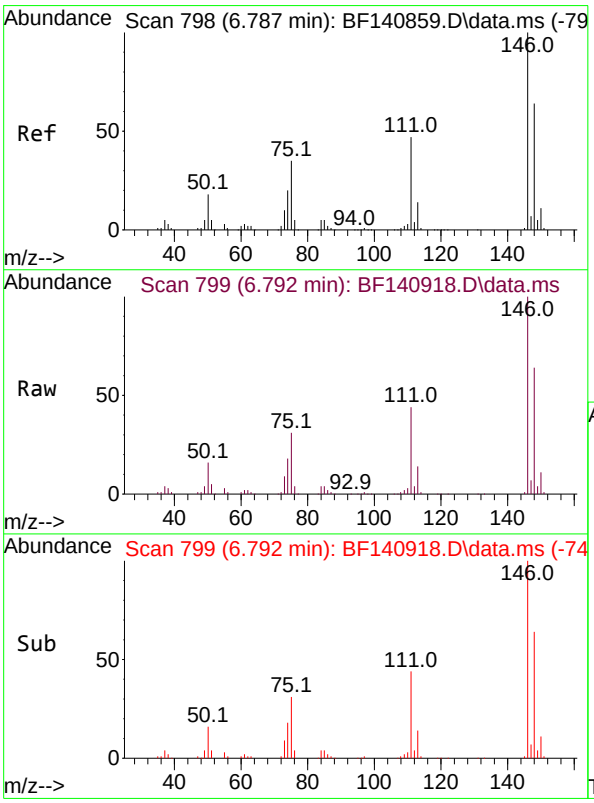
#11
bis(2-Chloroethyl)ether
Concen: 38.180 ng
RT: 6.586 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 200041

Ion	Ratio	Lower	Upper
93	100		
63	70.2	51.0	91.0
95	32.0	12.0	52.0

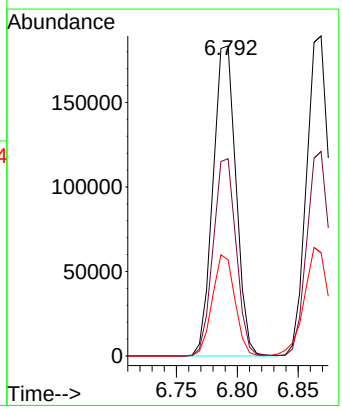


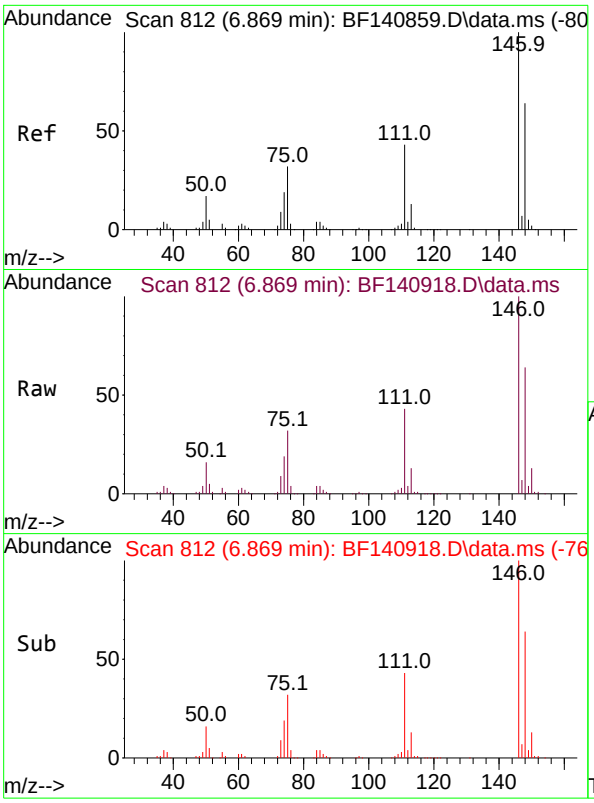


#12
1,3-Dichlorobenzene
Concen: 37.982 ng
RT: 6.792 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:146 Resp: 241546

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
75	31.0	28.1	42.1



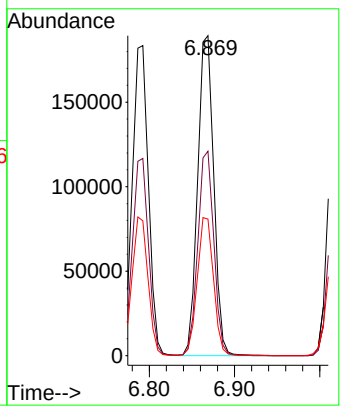


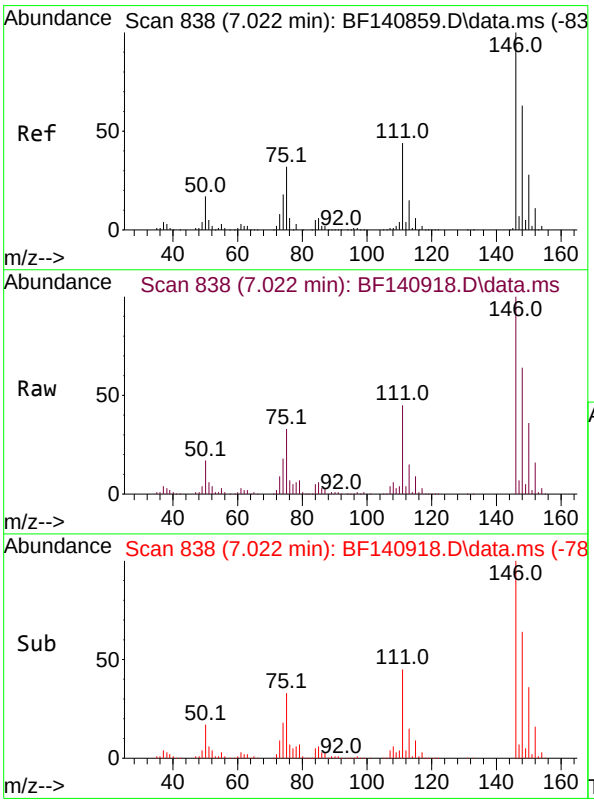
#13
1,4-Dichlorobenzene
Concen: 38.472 ng
RT: 6.869 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 248345

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.3	76.9
111	42.7	34.4	51.6

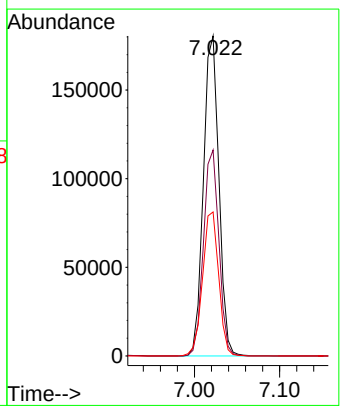


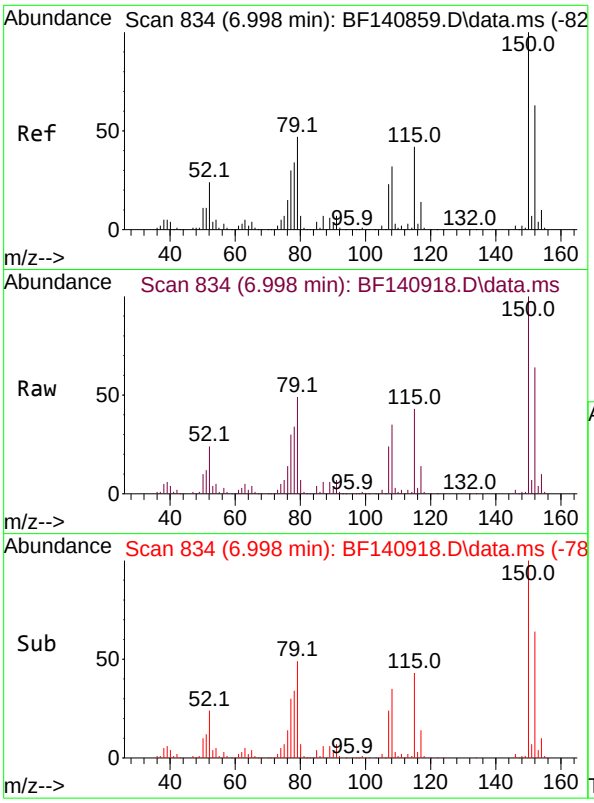


#14
1,2-Dichlorobenzene
Concen: 37.385 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:146 Resp: 227698

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.0	75.0
111	45.0	35.6	53.4



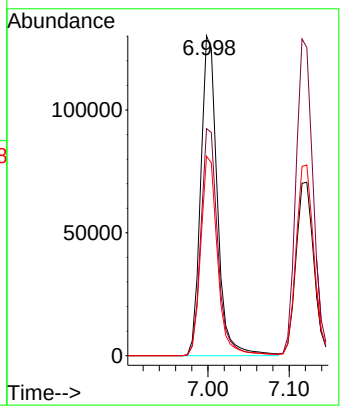


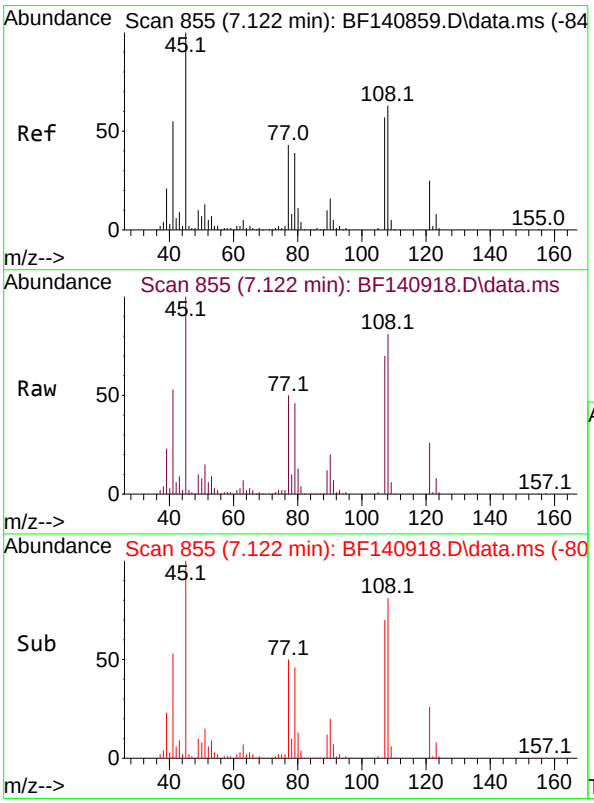
#15
Benzyl Alcohol
Concen: 38.161 ng
RT: 6.998 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 184958

Ion	Ratio	Lower	Upper
79	100		
108	71.0	55.1	82.7
77	62.3	50.6	76.0

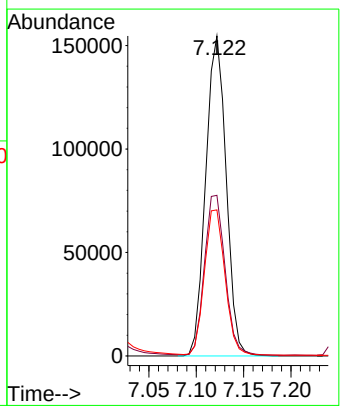


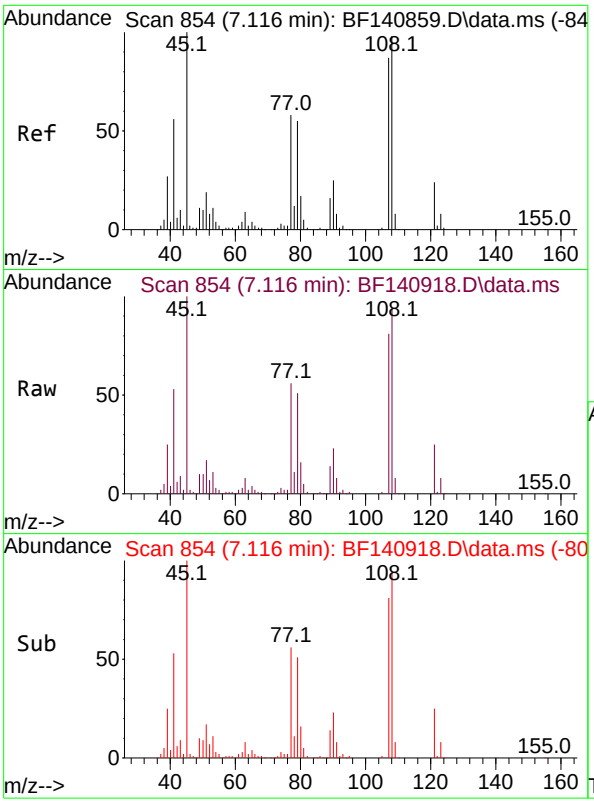


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.443 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion: 45 Resp: 231101

Ion	Ratio	Lower	Upper
45	100		
77	50.2	23.3	63.3
79	45.7	20.0	60.0



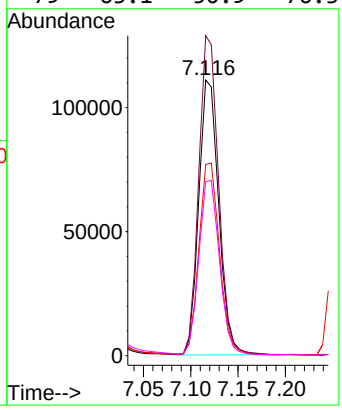


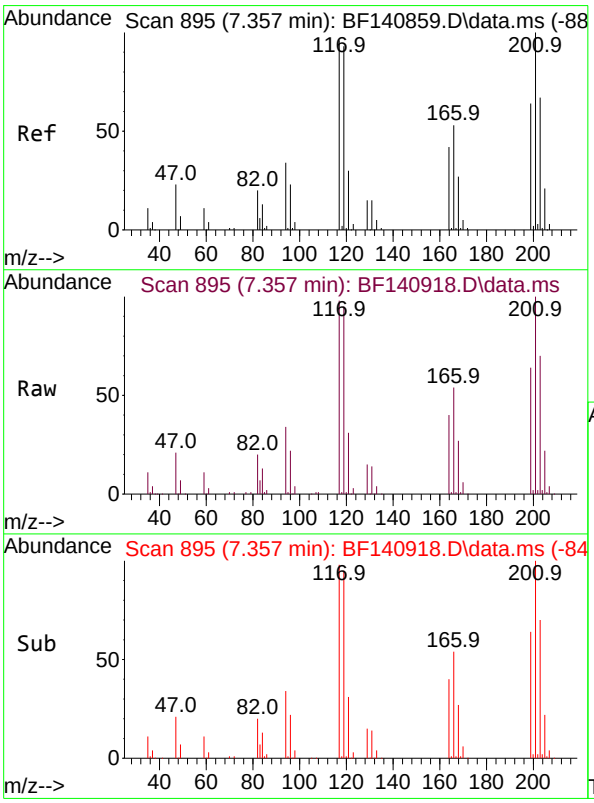
#17
2-Methylphenol
Concen: 36.500 ng
RT: 7.116 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 162635

Ion	Ratio	Lower	Upper
107	100		
108	116.1	90.2	135.4
77	69.3	53.8	80.6
79	63.1	50.9	76.3

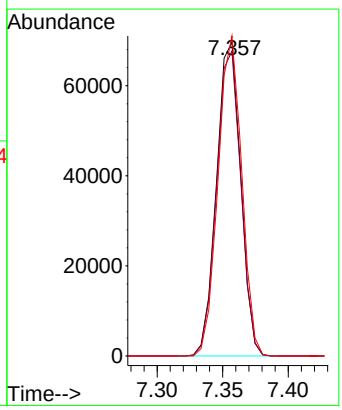


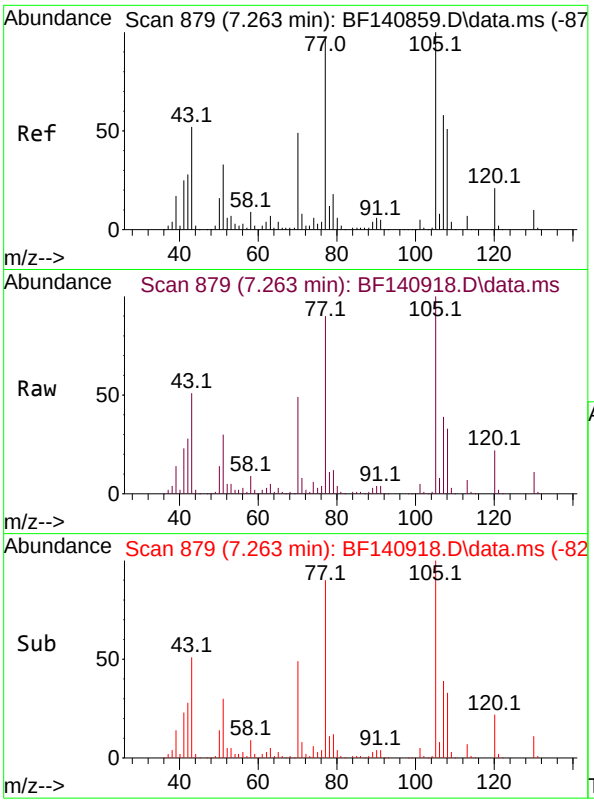


#18
Hexachloroethane
Concen: 37.187 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:117 Resp: 89366

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.0
201	102.0	83.4	125.0



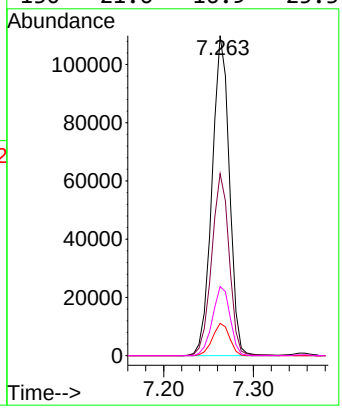


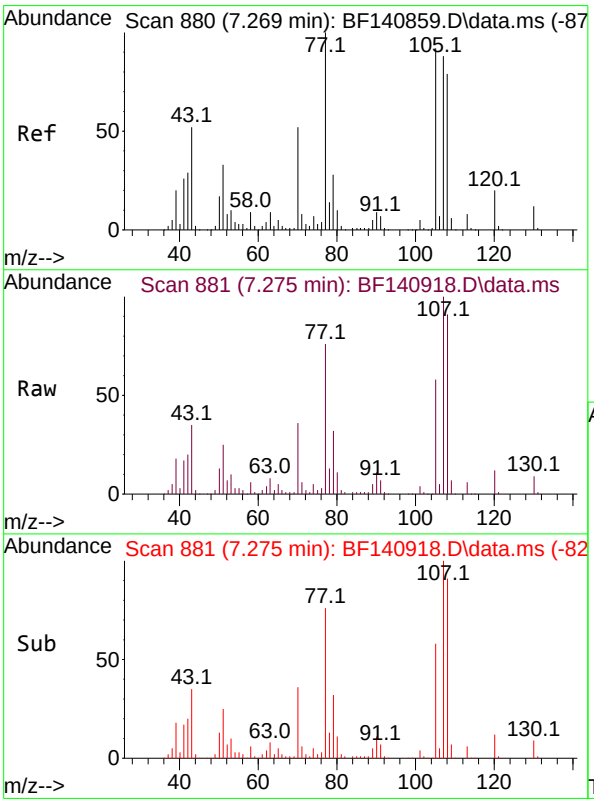
#19
n-Nitroso-di-n-propylamine
Concen: 36.368 ng
RT: 7.263 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 147876

Ion	Ratio	Lower	Upper
70	100		
42	56.9	45.3	67.9
101	10.1	8.0	12.0
130	21.6	16.9	25.3

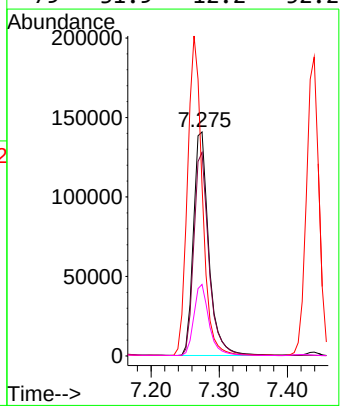


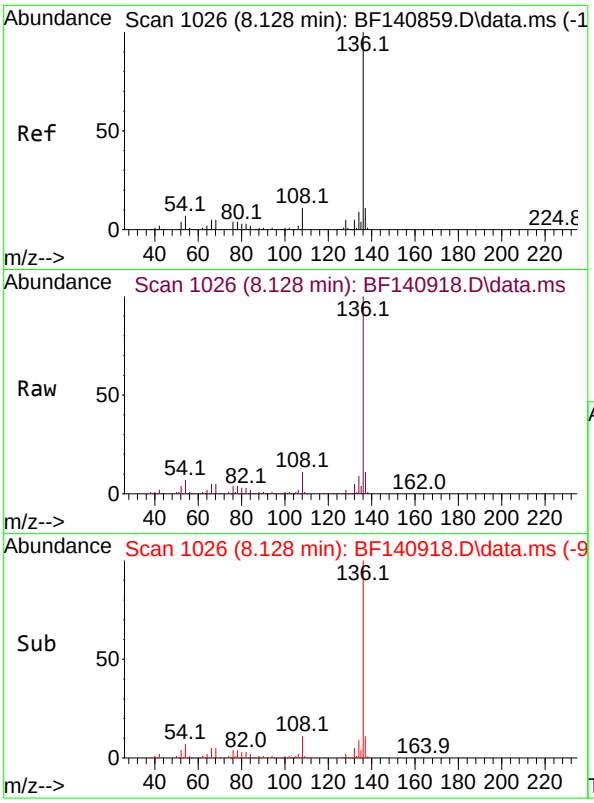


#20
3+4-Methylphenols
Concen: 37.271 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:107 Resp: 220217

Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.1	110.1
77	75.9	94.4	134.4#
79	31.9	12.2	52.2



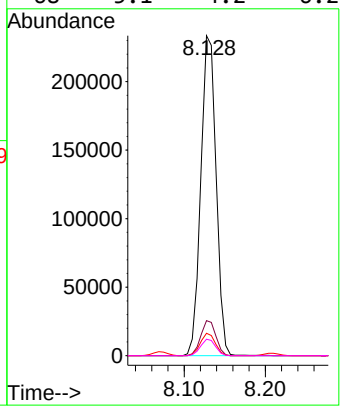


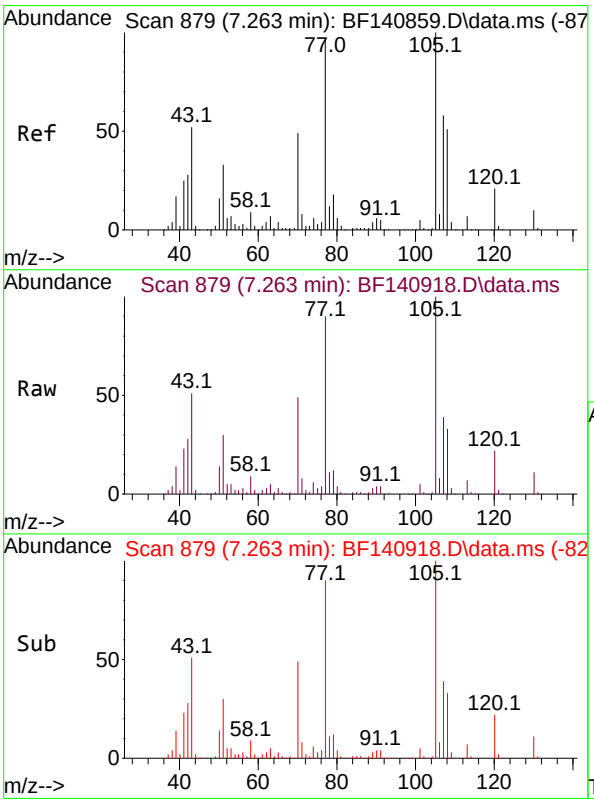
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 305577

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.0	5.6	8.4
68	5.1	4.2	6.2

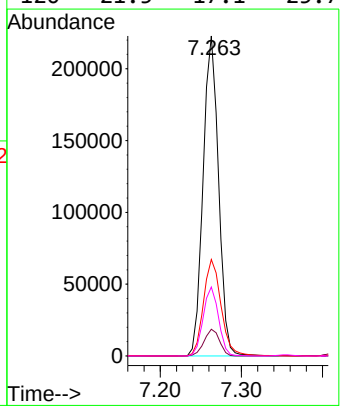


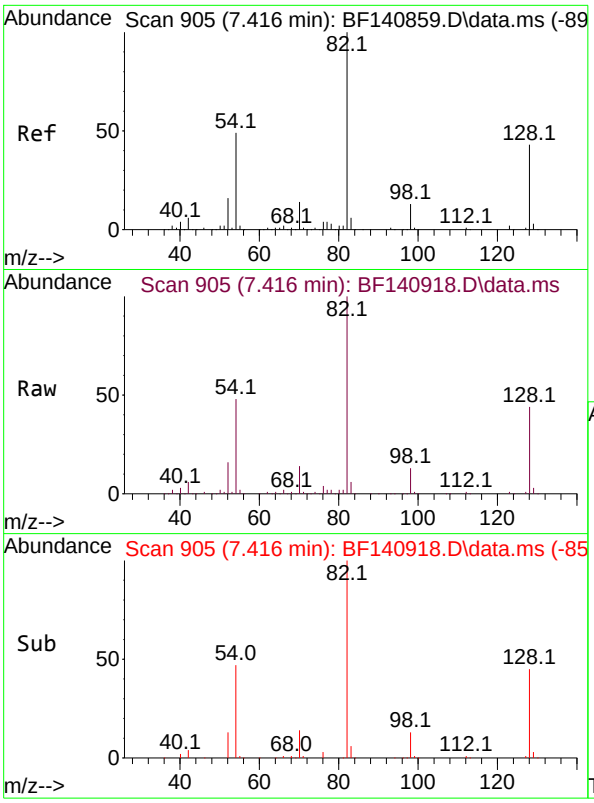


#22
Acetophenone
Concen: 38.526 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:105 Resp: 294496

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.2	9.4
51	30.1	26.3	39.5
120	21.5	17.1	25.7



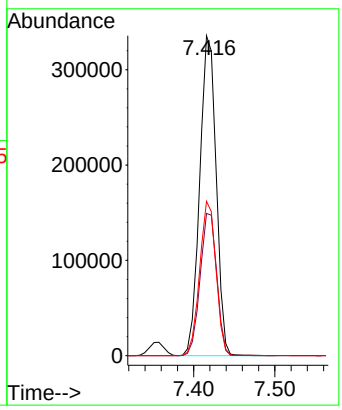


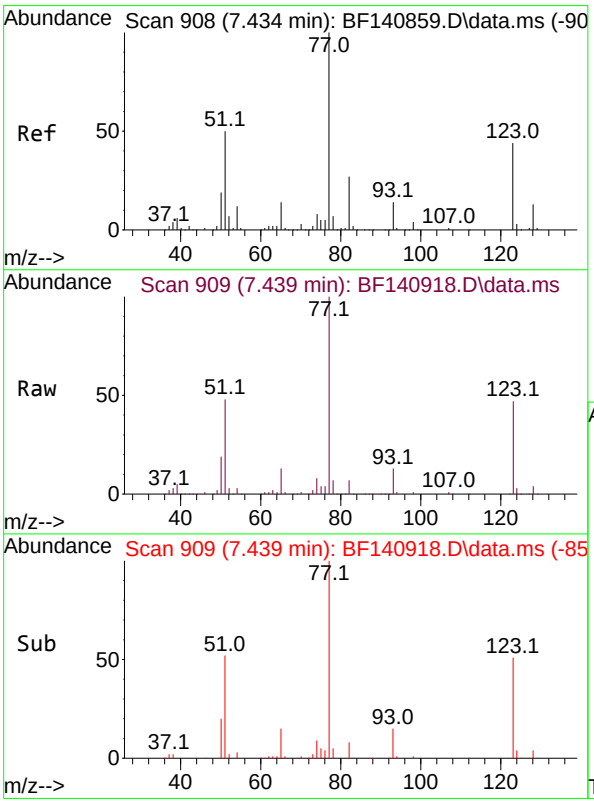
#23
Nitrobenzene-d5
Concen: 77.237 ng
RT: 7.416 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 471746

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.4	51.6
54	48.2	38.8	58.2

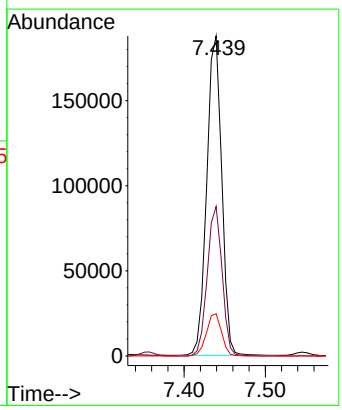


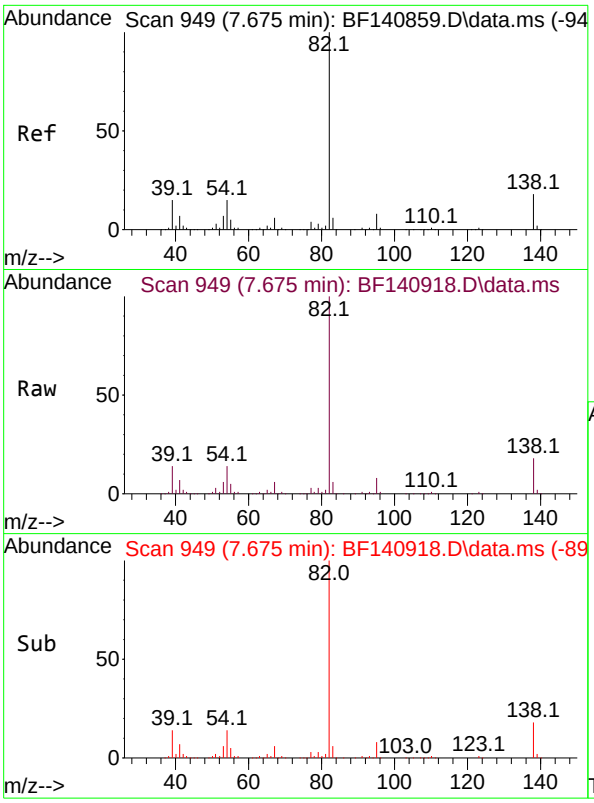


#24
Nitrobenzene
Concen: 38.336 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion: 77 Resp: 239875

Ion	Ratio	Lower	Upper
77	100		
123	46.7	35.0	52.4
65	13.2	11.4	17.0



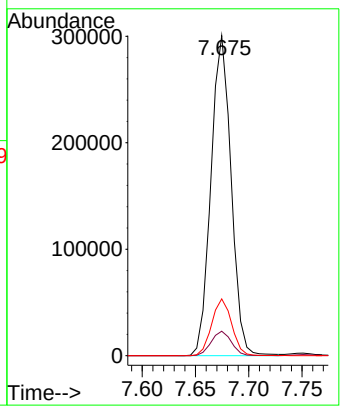


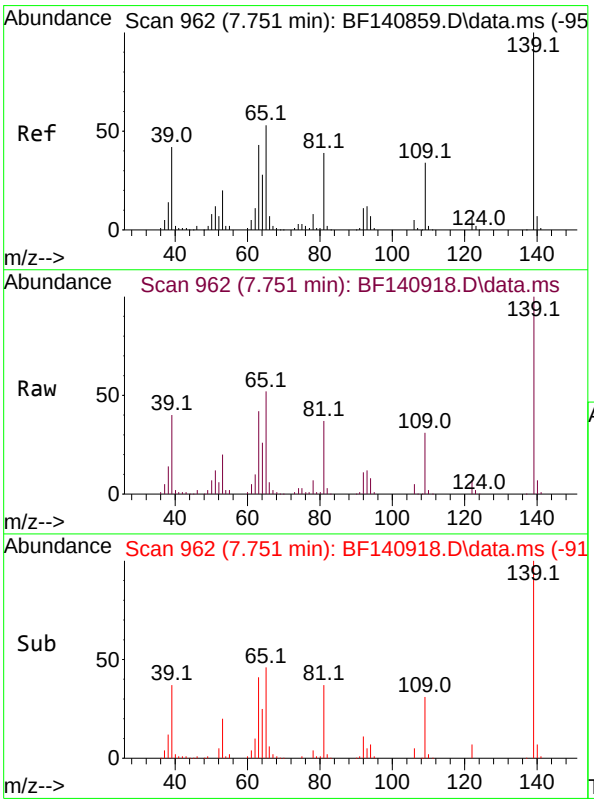
#25
Isophorone
Concen: 38.674 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 395780

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.3	9.5
138	17.7	14.1	21.1

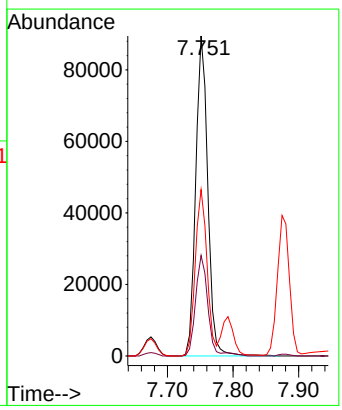


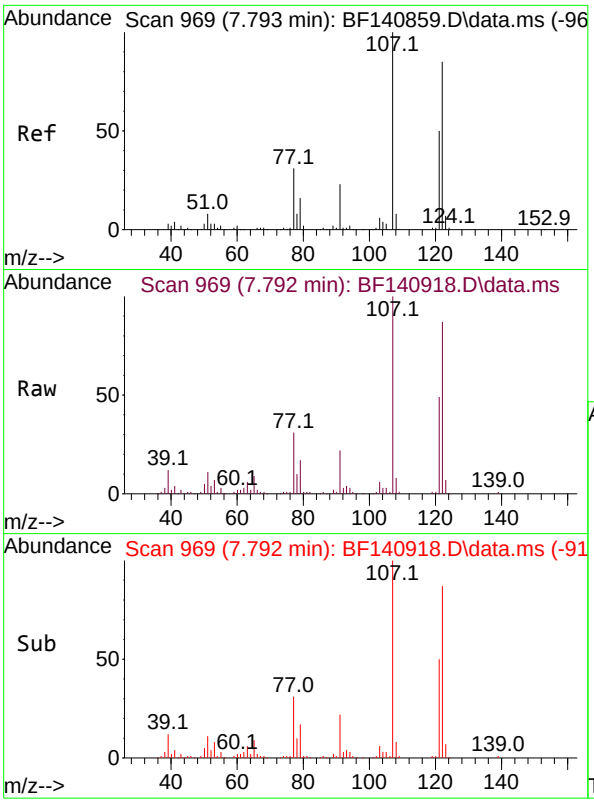


#26
2-Nitrophenol
Concen: 39.779 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:139 Resp: 114638

Ion	Ratio	Lower	Upper
139	100		
109	31.4	26.9	40.3
65	52.0	42.6	64.0



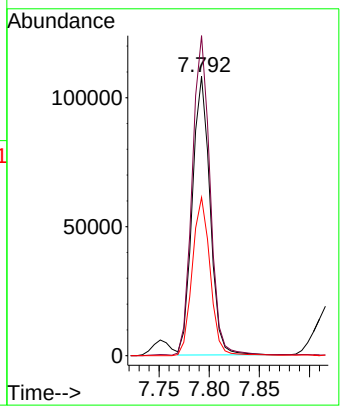


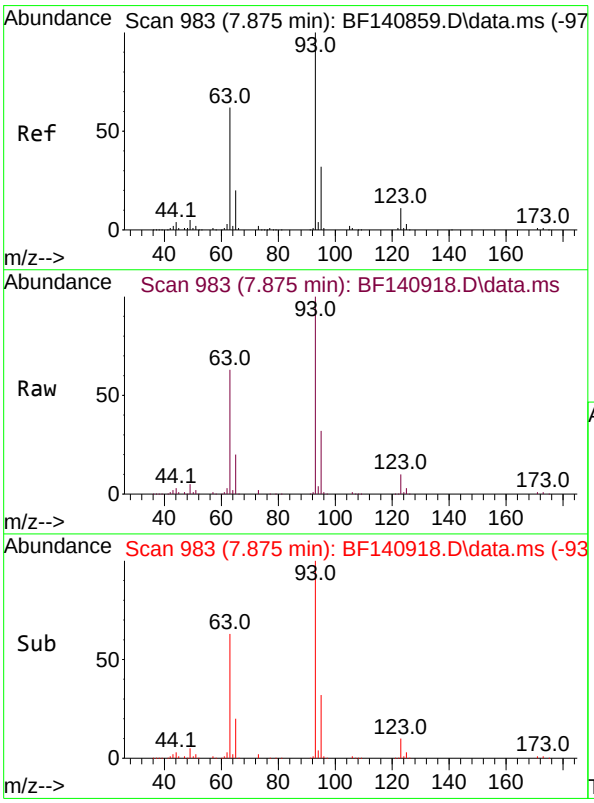
#27
2,4-Dimethylphenol
Concen: 39.347 ng
RT: 7.792 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 132424

Ion	Ratio	Lower	Upper
122	100		
107	114.6	92.6	139.0
121	56.7	45.8	68.8

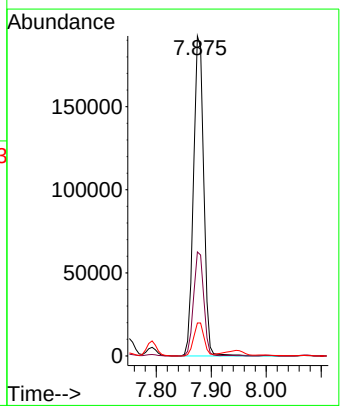


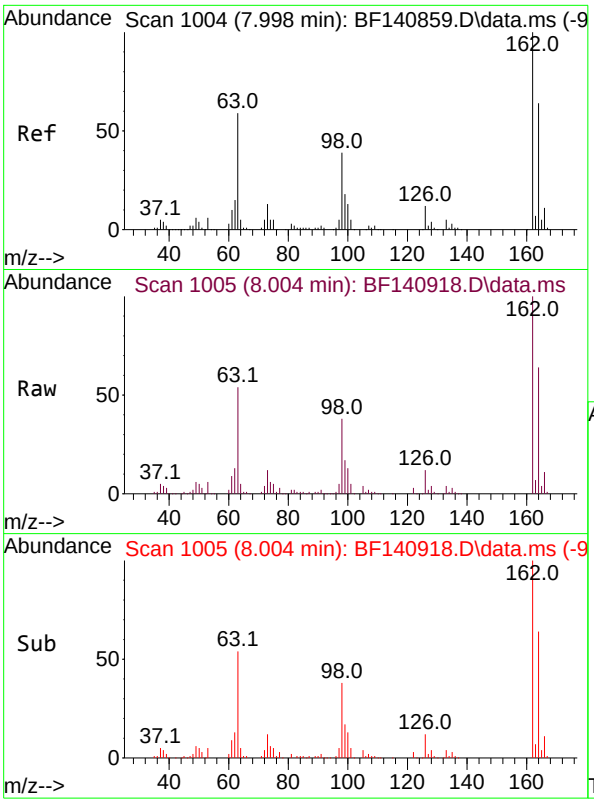


#28
bis(2-Chloroethoxy)methane
Concen: 38.978 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion: 93 Resp: 249138

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.3	37.9
123	10.3	8.6	13.0



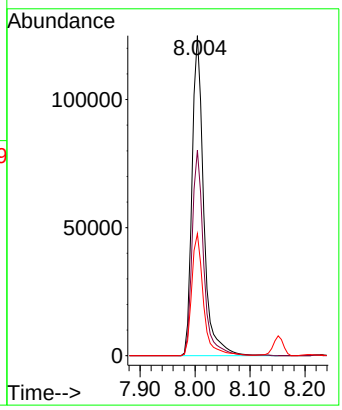


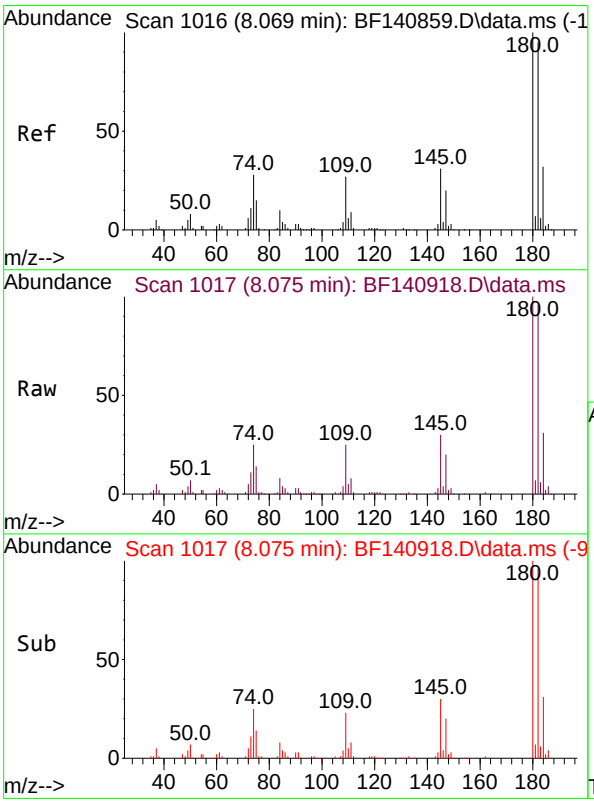
#29
2,4-Dichlorophenol
Concen: 39.496 ng
RT: 8.004 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 183519

Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.7	83.7
98	38.1	18.6	58.6

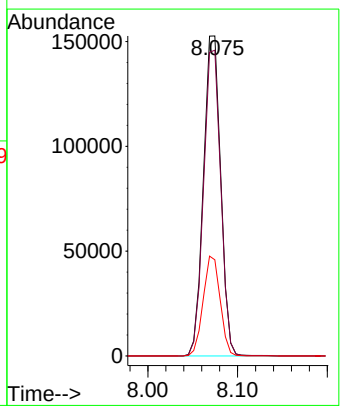


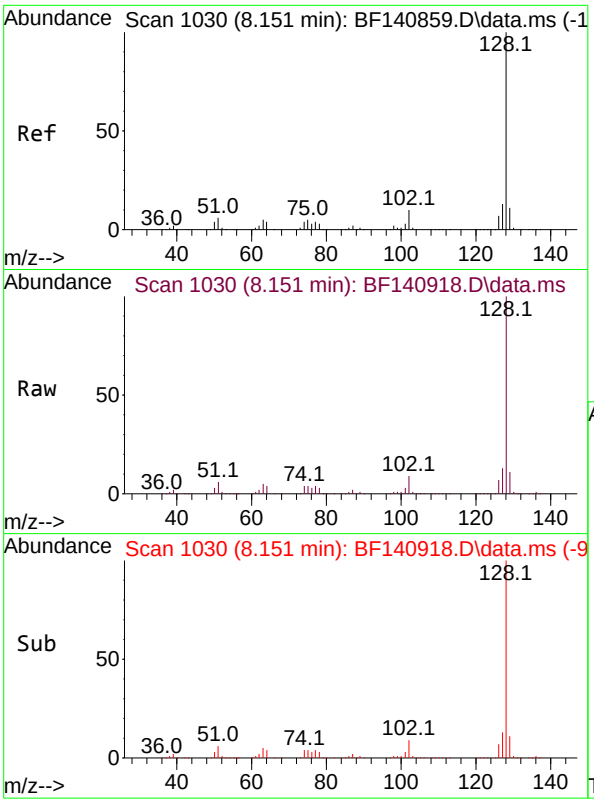


#30
1,2,4-Trichlorobenzene
Concen: 38.301 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:180 Resp: 204009

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	30.1	25.2	37.8



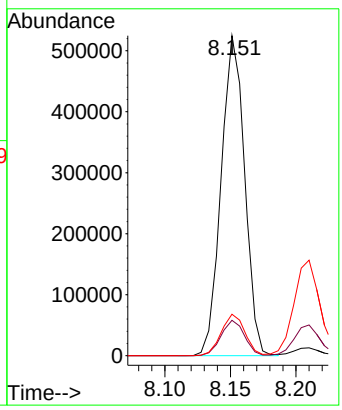


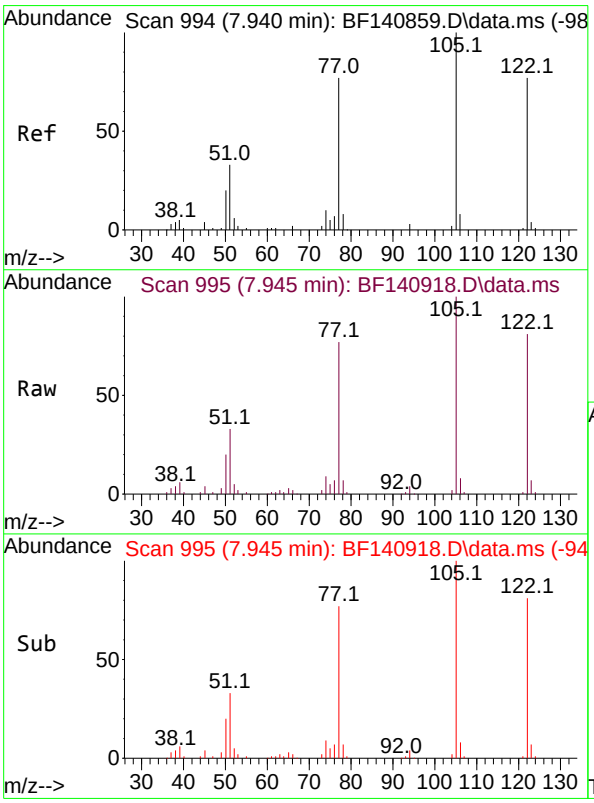
#31
Naphthalene
Concen: 38.970 ng
RT: 8.151 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 654138

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.0	10.6	16.0

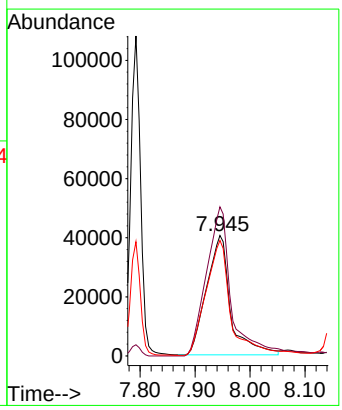


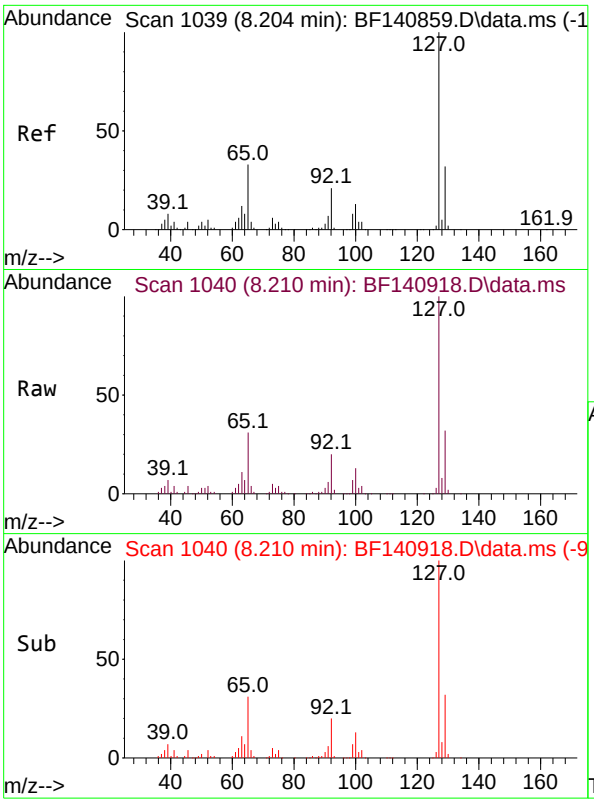


#32
Benzoic acid
Concen: 38.714 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.005 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:122 Resp: 123570

Ion	Ratio	Lower	Upper
122	100		
105	123.9	108.3	148.3
77	96.0	78.8	118.8



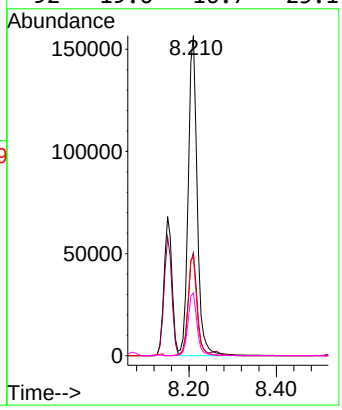


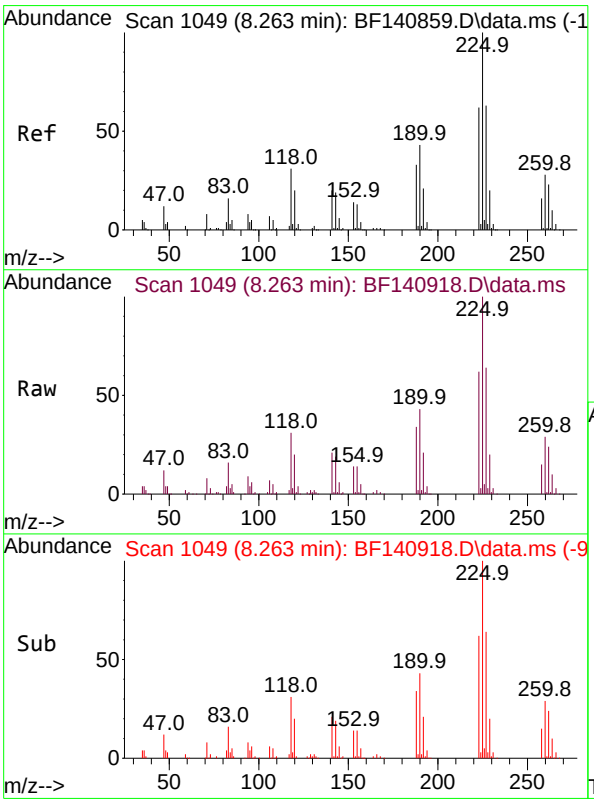
#33
4-Chloroaniline
Concen: 40.223 ng
RT: 8.210 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 224241

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	30.9	26.0	39.0
92	19.6	16.7	25.1

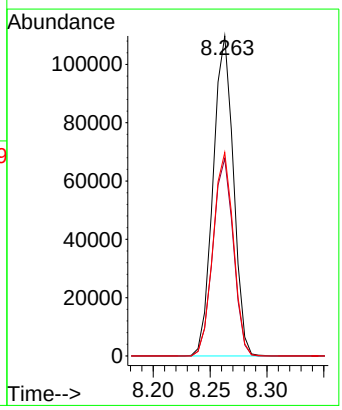


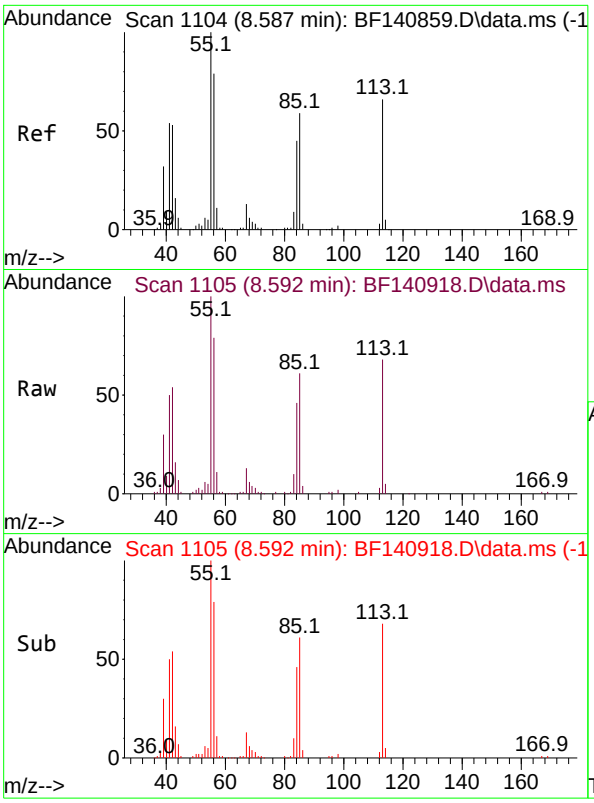


#34
Hexachlorobutadiene
Concen: 38.122 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:225 Resp: 136617

Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.6	74.4
227	63.6	50.7	76.1



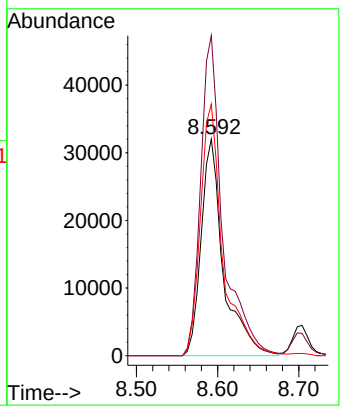


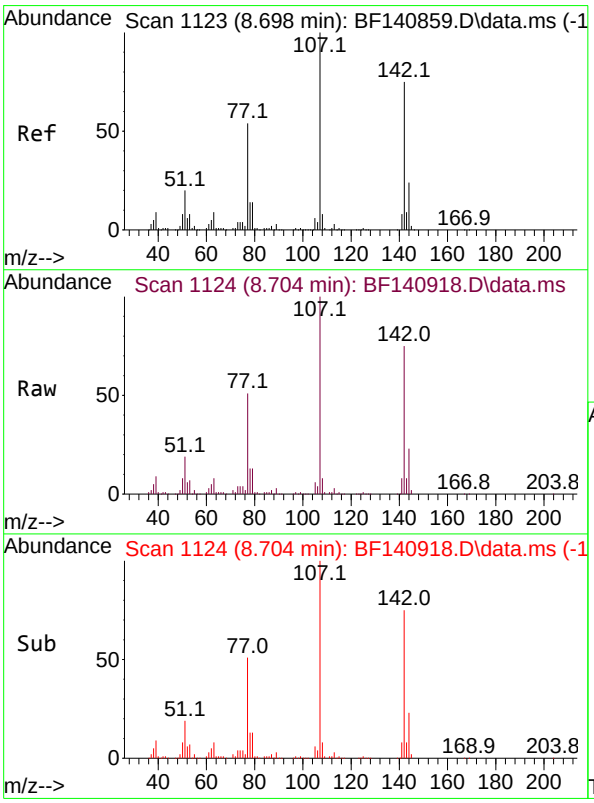
#35
Caprolactam
Concen: 43.976 ng
RT: 8.592 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 60832

Ion	Ratio	Lower	Upper
113	100		
55	147.7	132.3	172.3
56	116.2	100.3	140.3

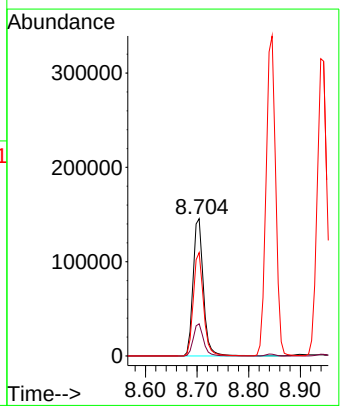


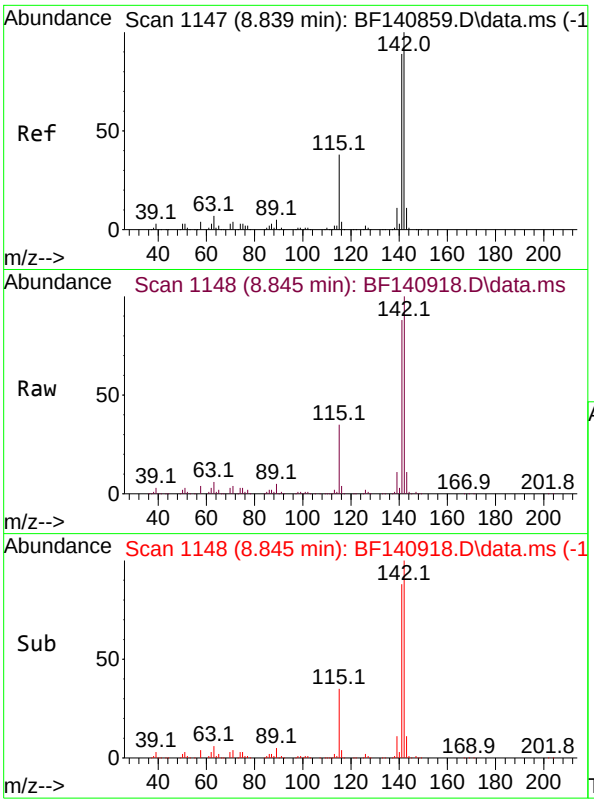


#36
4-Chloro-3-methylphenol
Concen: 38.688 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:107 Resp: 202329

Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.4	29.2
142	75.3	60.3	90.5



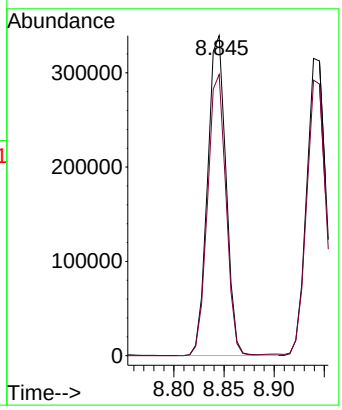


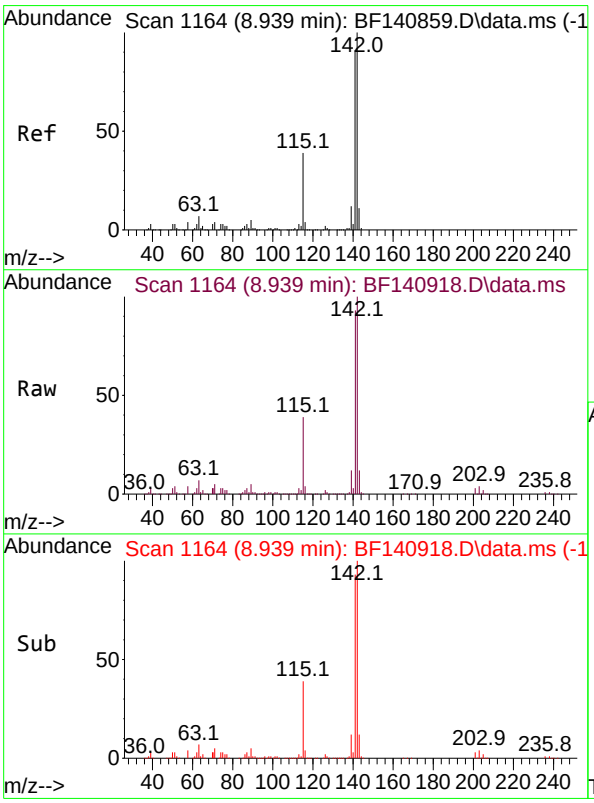
#37
2-Methylnaphthalene
Concen: 39.163 ng
RT: 8.845 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 434855

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6

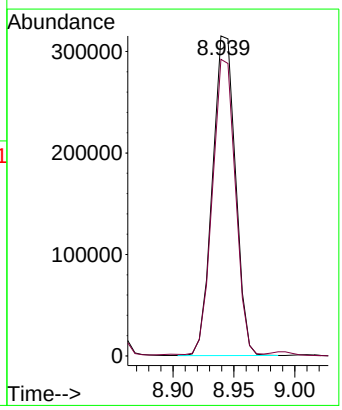


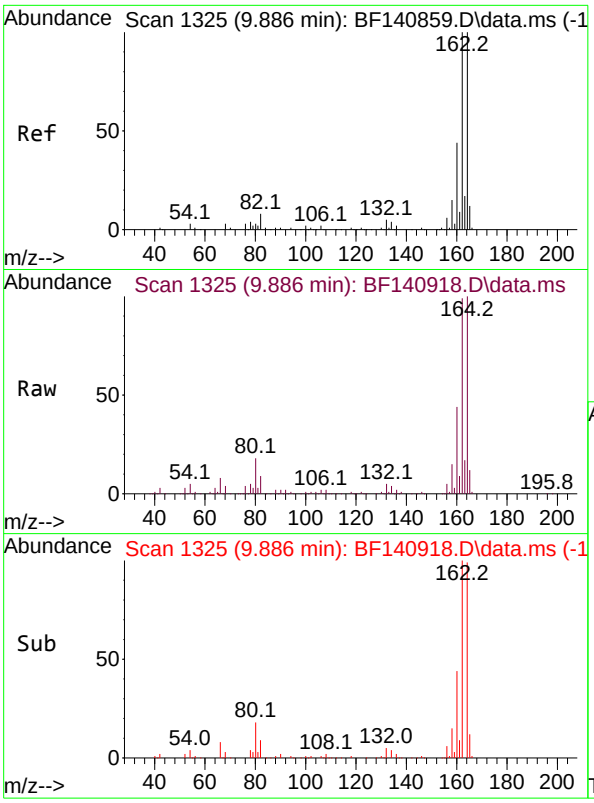


#38
1-Methylnaphthalene
Concen: 37.810 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:142 Resp: 415212

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.4	110.0



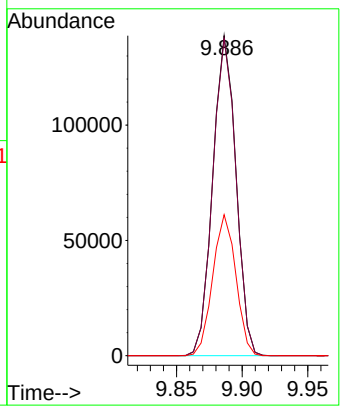


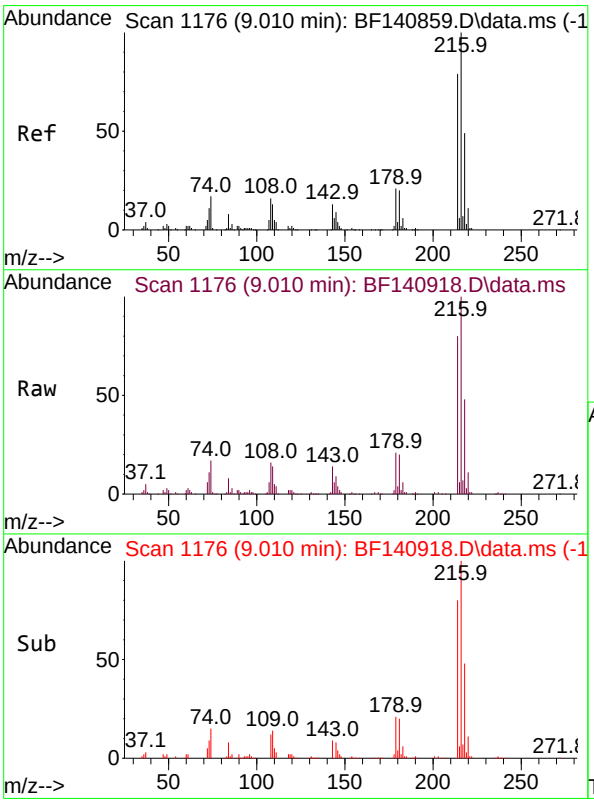
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 170469

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.9	119.9
160	44.1	35.2	52.8

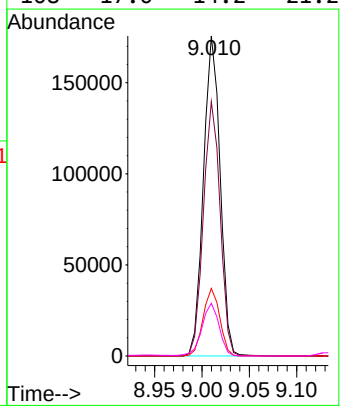


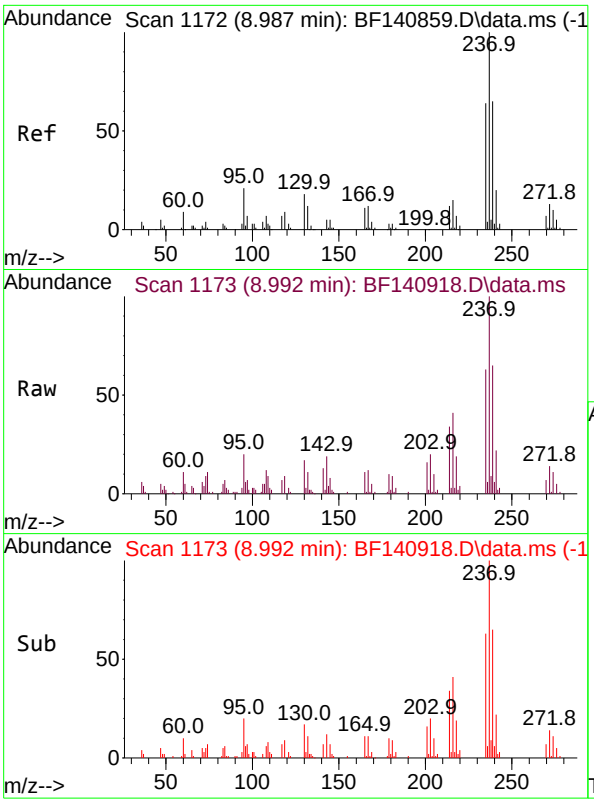


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.048 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:216 Resp: 215076

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.6	95.4
179	21.0	17.0	25.4
108	17.0	14.2	21.2



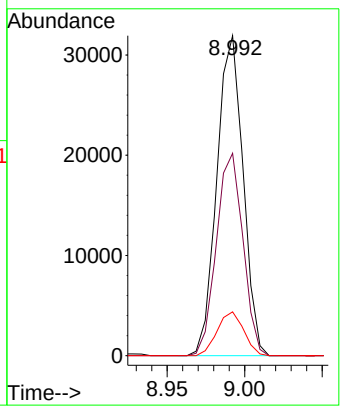


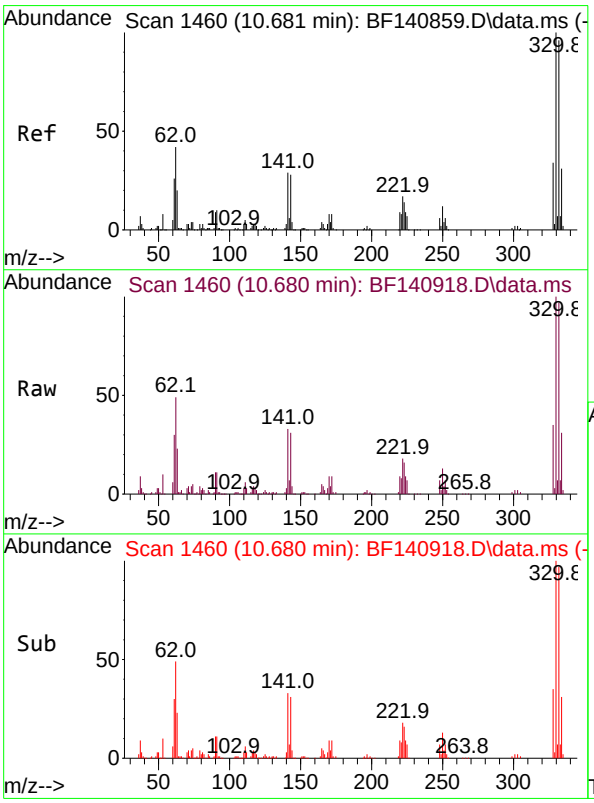
#41
Hexachlorocyclopentadiene
Concen: 33.321 ng
RT: 8.992 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 37591

Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.7	83.7
272	13.7	0.0	32.9

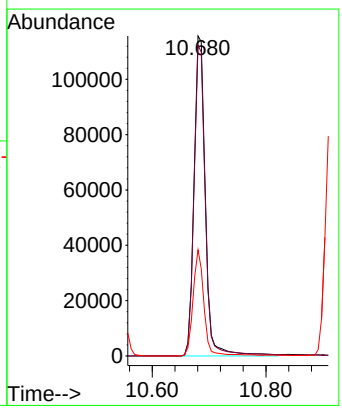


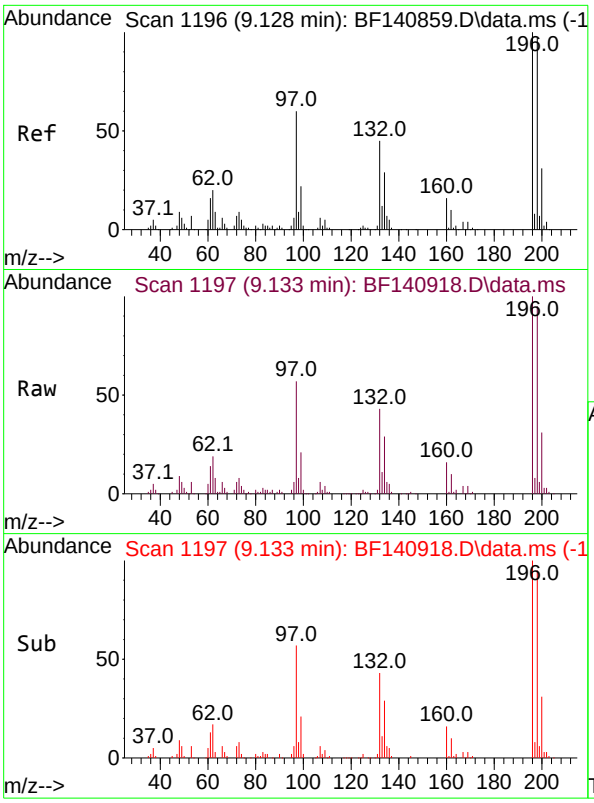


#42
2,4,6-Tribromophenol
Concen: 80.186 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:330 Resp: 161668

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	31.9	24.9	37.3



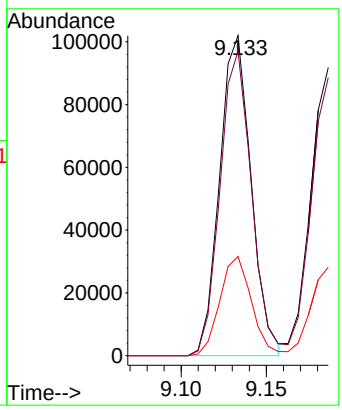


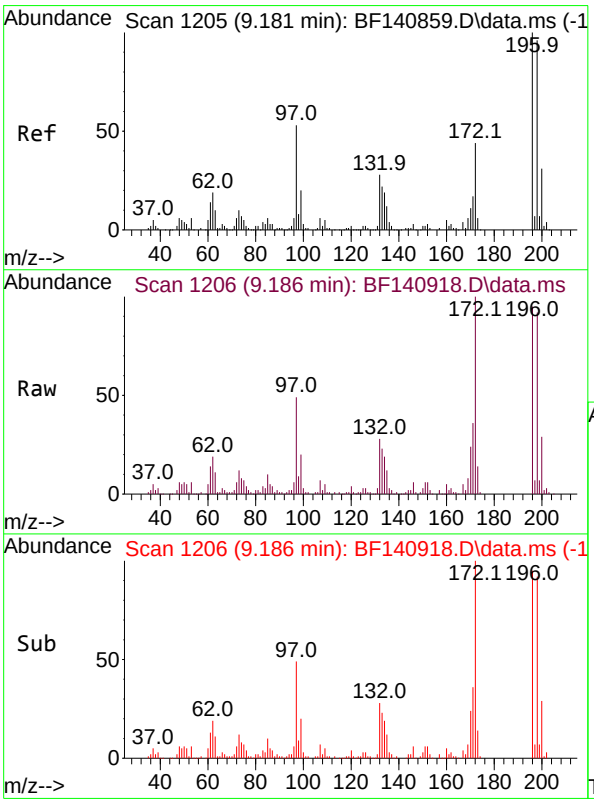
#43
2,4,6-Trichlorophenol
Concen: 40.863 ng
RT: 9.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 131103

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.4	116.0
200	31.0	24.5	36.7

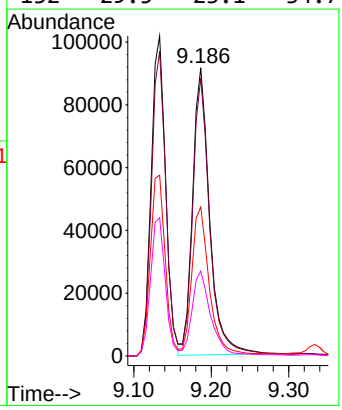


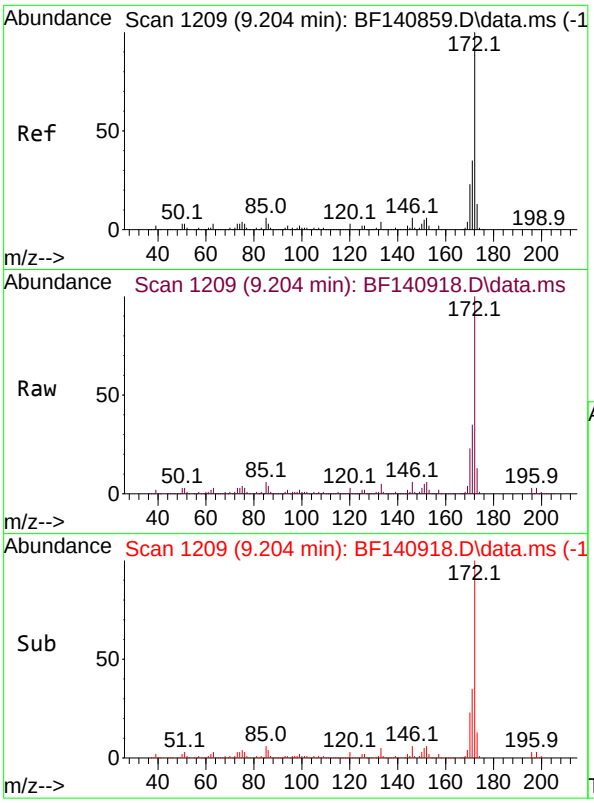


#44
2,4,5-Trichlorophenol
Concen: 39.803 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:196 Resp: 140360

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.2	115.8
97	51.7	42.2	63.4
132	29.5	23.1	34.7



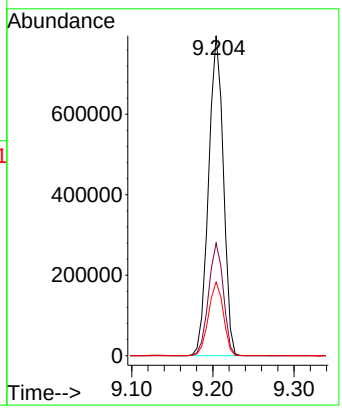


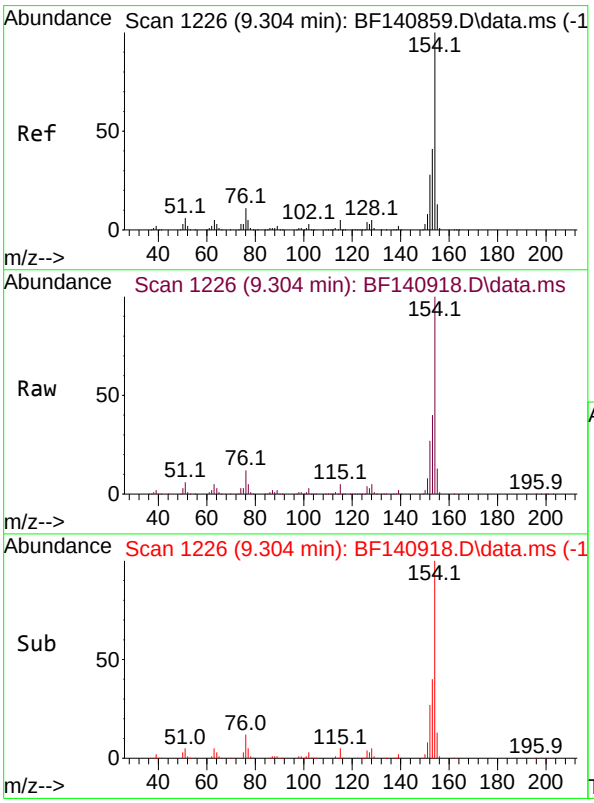
#45
2-Fluorobiphenyl
Concen: 80.929 ng
RT: 9.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1003441

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.4	42.6
170	23.0	18.6	28.0

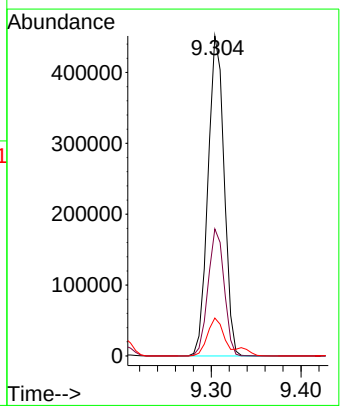


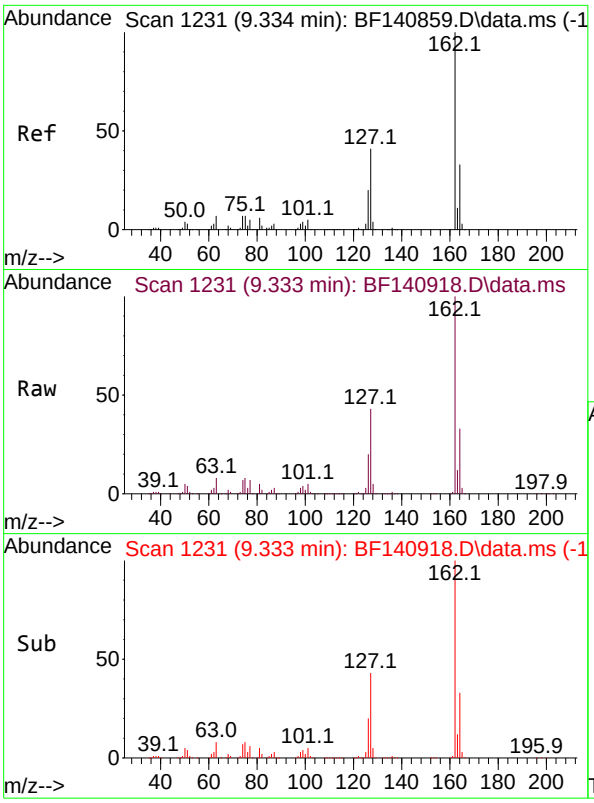


#46
1,1'-Biphenyl
Concen: 41.459 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:154 Resp: 561991

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.8	60.8
76	11.9	0.0	31.0



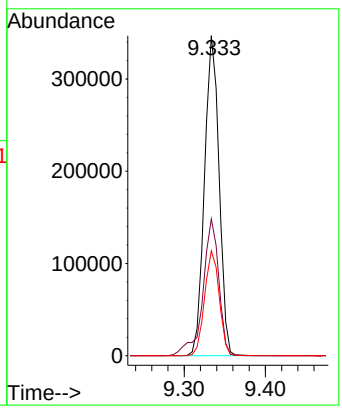


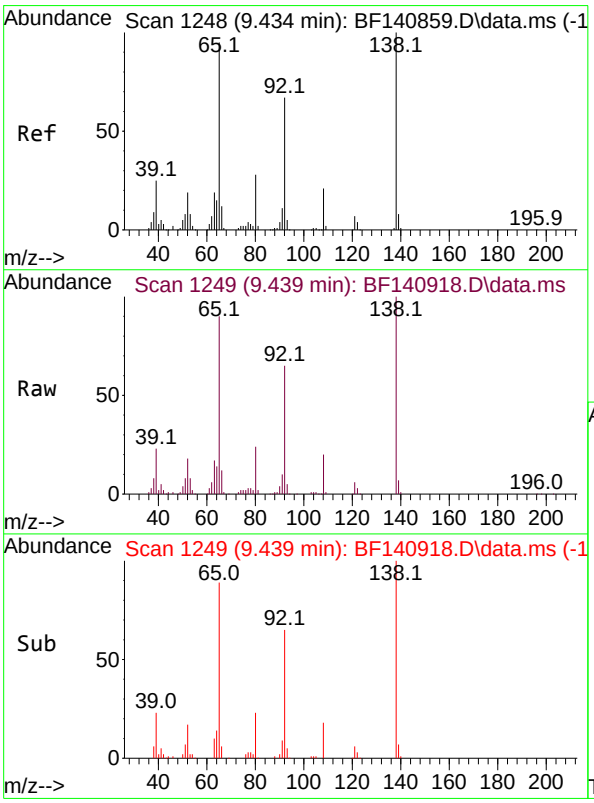
#47
2-Chloronaphthalene
Concen: 41.616 ng
RT: 9.333 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 431564

Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.5	50.3
164	32.7	26.2	39.2

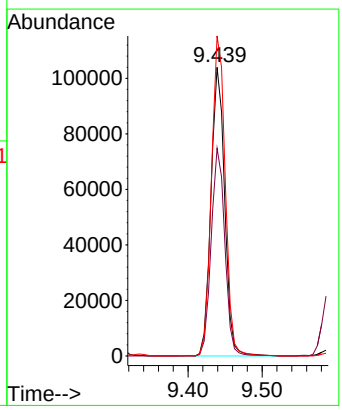


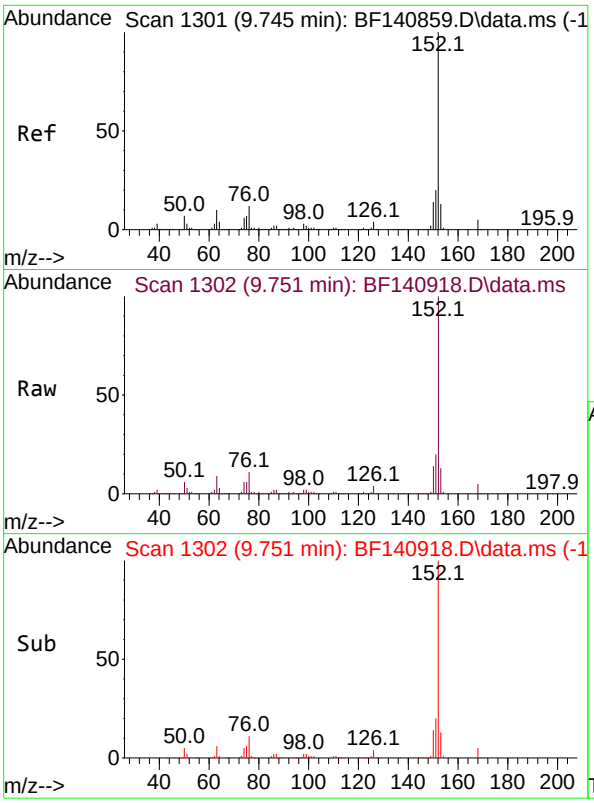


#48
2-Nitroaniline
Concen: 42.617 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion: 65 Resp: 133473

Ion	Ratio	Lower	Upper
65	100		
92	71.9	56.3	84.5
138	110.8	83.8	125.6



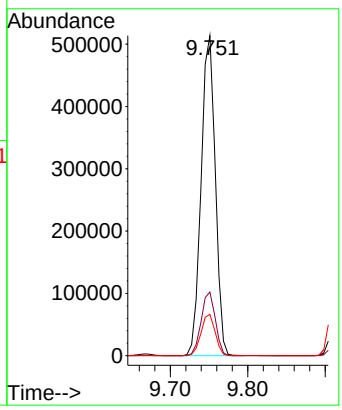


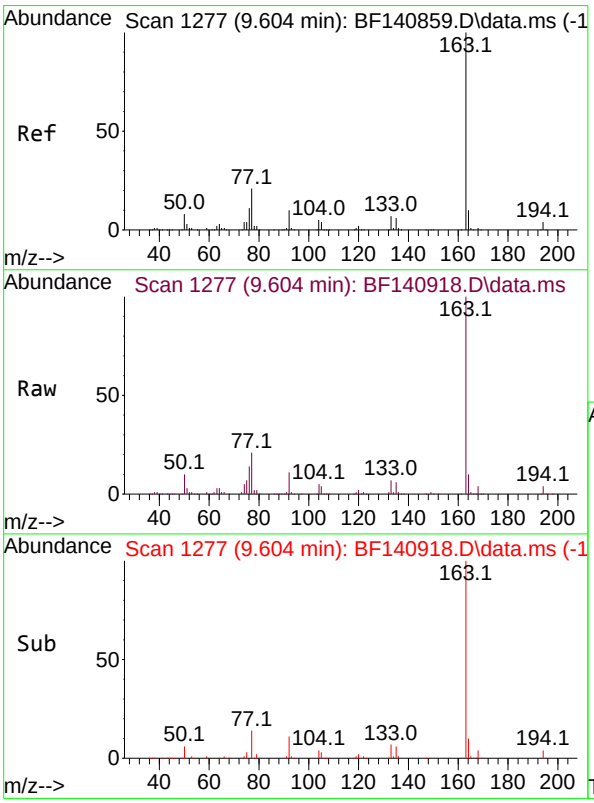
#49
Acenaphthylene
Concen: 42.842 ng
RT: 9.751 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 652886

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	12.9	10.6	16.0

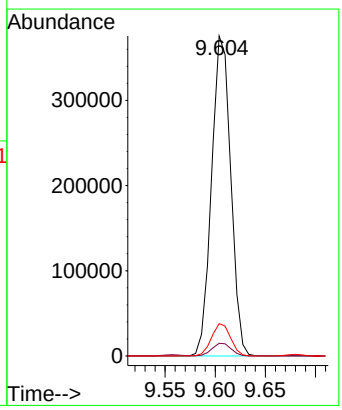


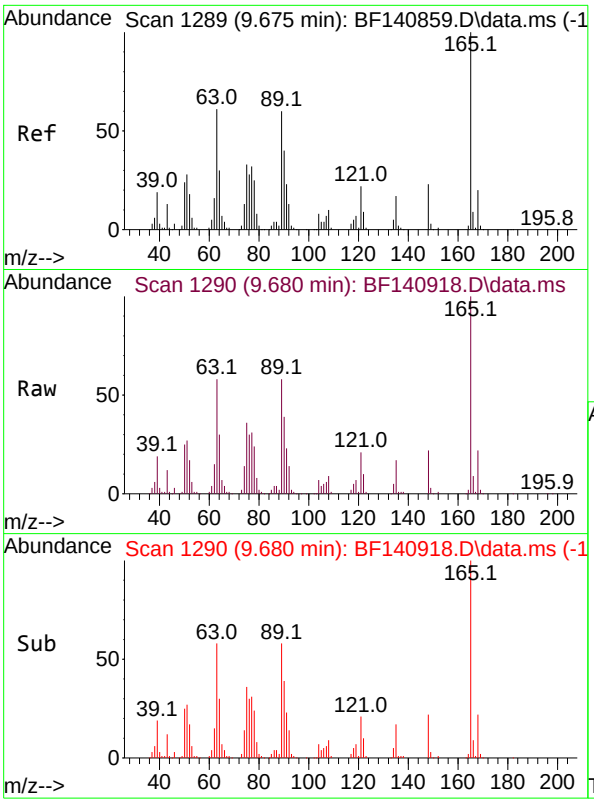


#50
Dimethylphthalate
Concen: 41.552 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:163 Resp: 499397

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.1	8.1	12.1



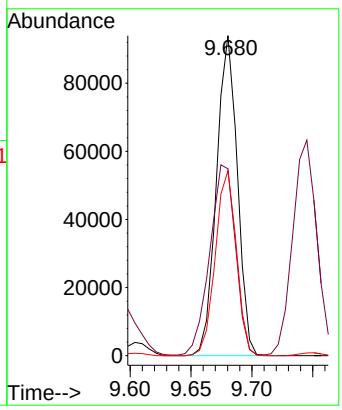


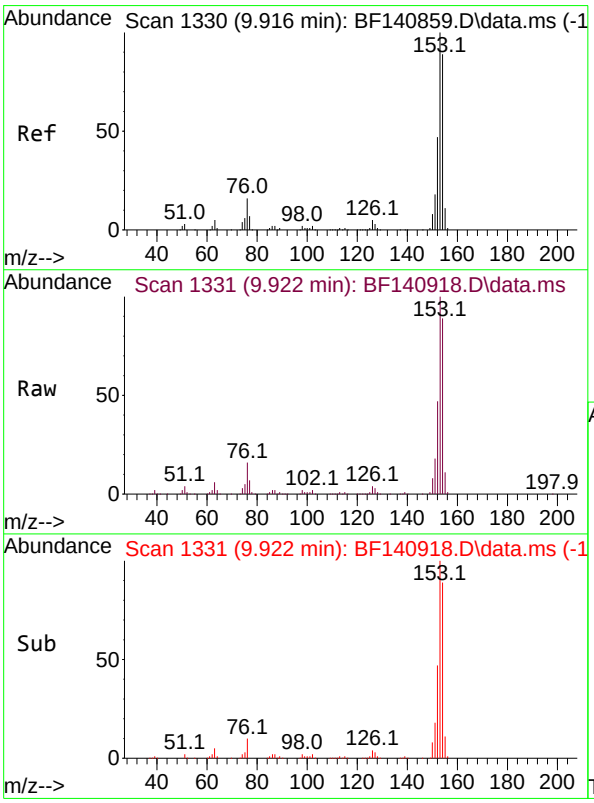
#51
2,6-Dinitrotoluene
Concen: 40.848 ng
RT: 9.680 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 112231

Ion	Ratio	Lower	Upper
165	100		
63	58.4	49.7	74.5
89	57.8	48.2	72.4

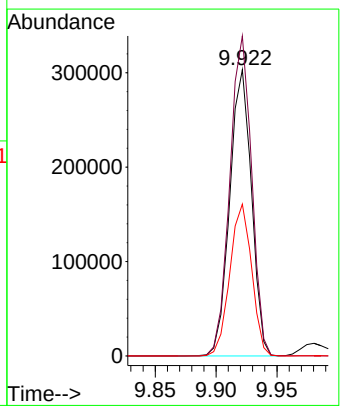


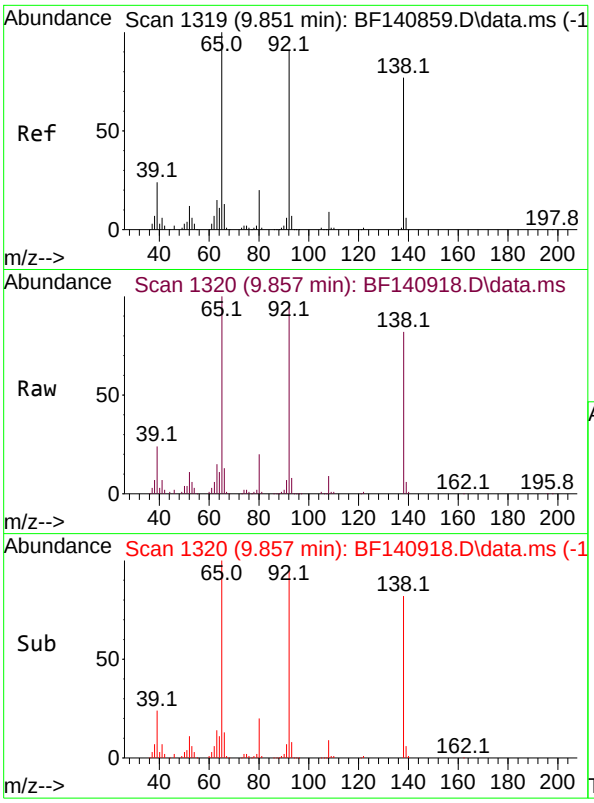


#52
Acenaphthene
Concen: 38.754 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:154 Resp: 377262

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.9	134.9
152	53.0	42.6	63.8



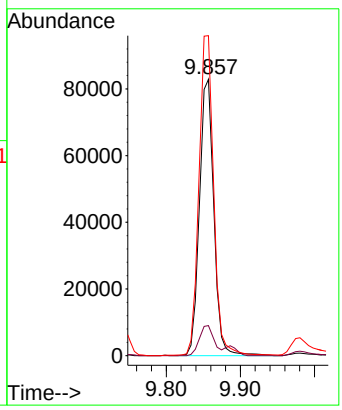


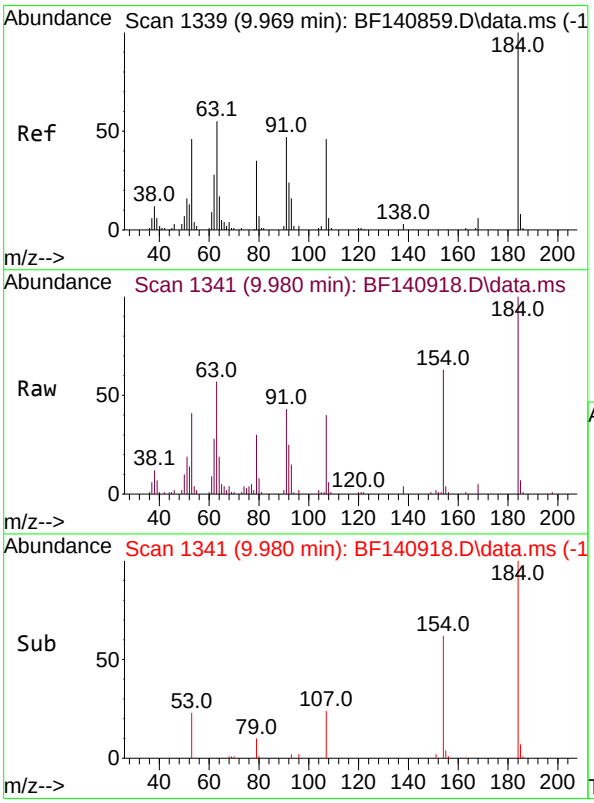
#53
3-Nitroaniline
Concen: 40.947 ng
RT: 9.857 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 111648

Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.0	13.4
92	115.8	95.5	143.3

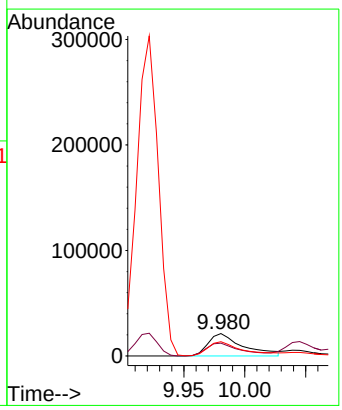


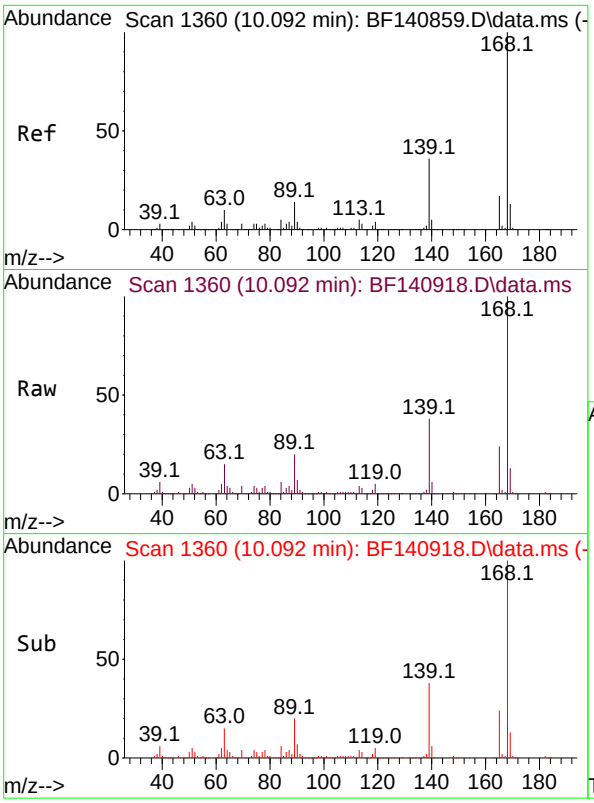


#54
2,4-Dinitrophenol
Concen: 35.324 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:184 Resp: 42021

Ion	Ratio	Lower	Upper
184	100		
63	57.2	51.6	77.4
154	63.3	56.1	84.1



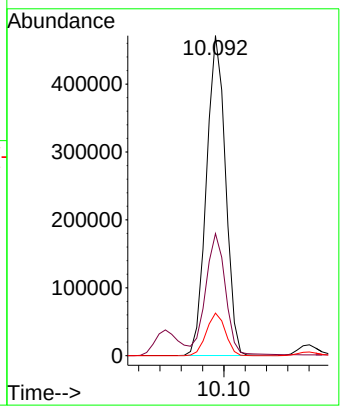


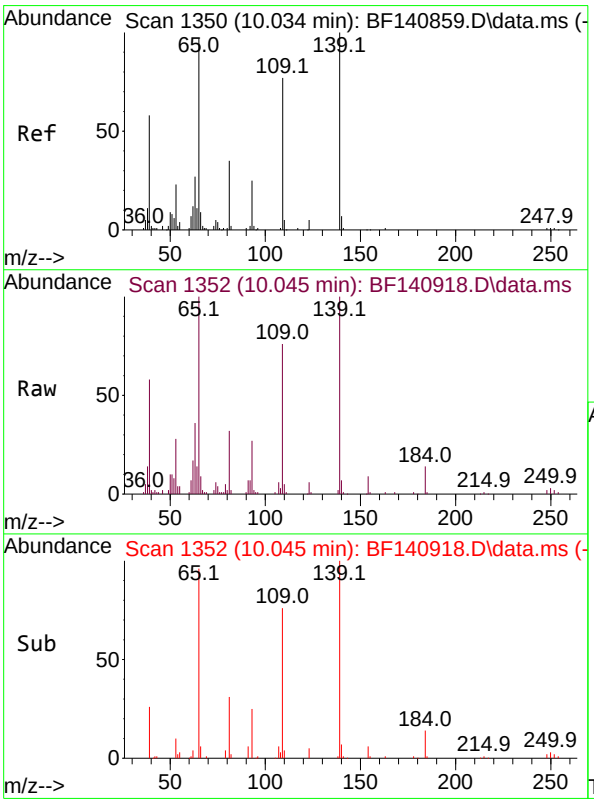
#55
Dibenzofuran
Concen: 38.883 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 586539

Ion	Ratio	Lower	Upper
168	100		
139	38.1	31.1	46.7
169	13.3	10.6	16.0

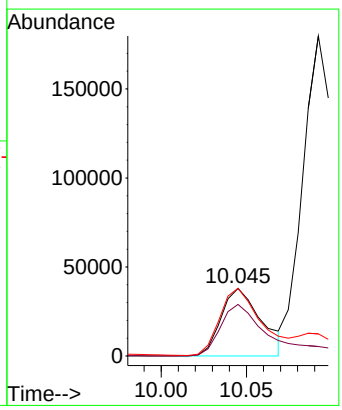


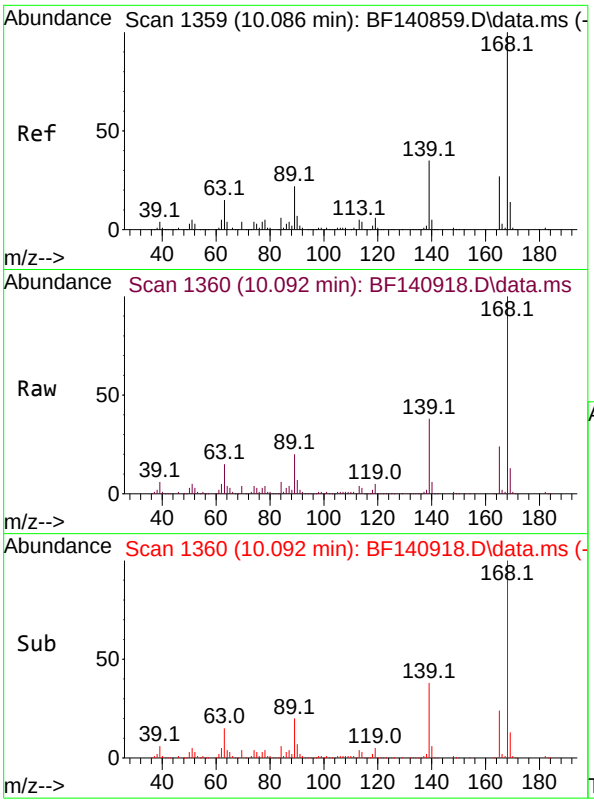


#56
4-Nitrophenol
Concen: 44.209 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.011 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:139 Resp: 61754

Ion	Ratio	Lower	Upper
139	100		
109	76.2	56.7	96.7
65	100.2	78.1	118.1



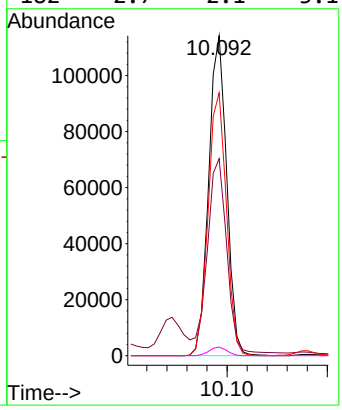


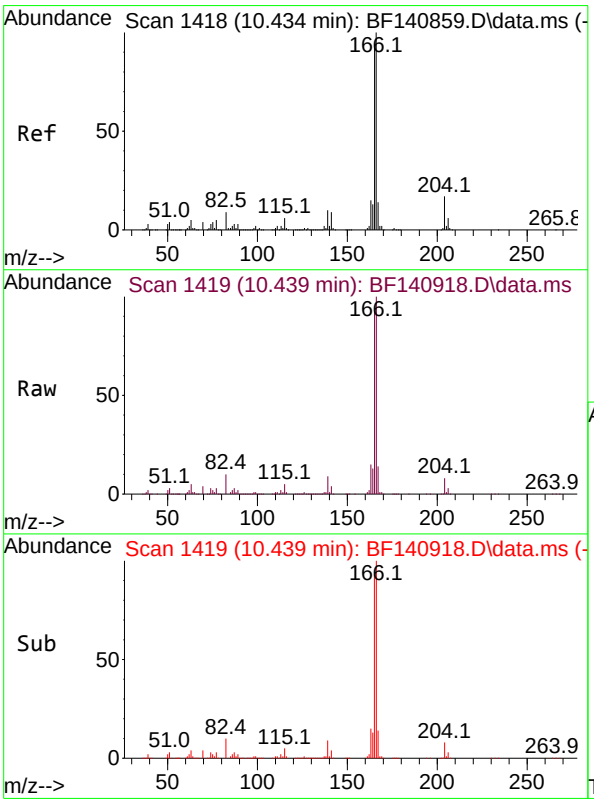
#57
2,4-Dinitrotoluene
Concen: 39.496 ng
RT: 10.092 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 142779

Ion	Ratio	Lower	Upper
165	100		
63	61.5	49.3	73.9
89	82.1	66.2	99.4
182	2.7	2.1	3.1

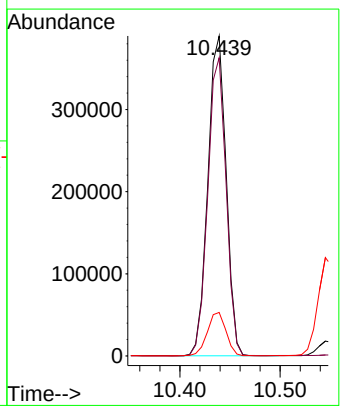


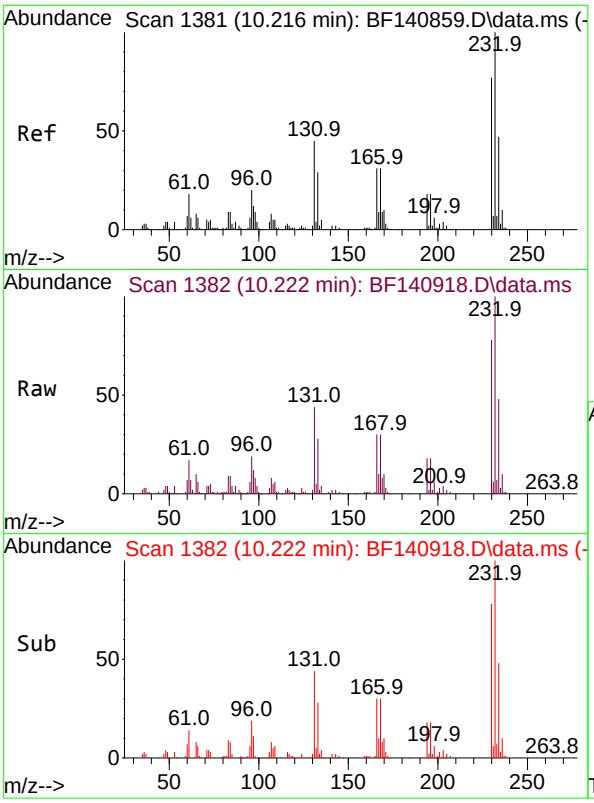


#58
Fluorene
Concen: 39.705 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:166 Resp: 494118

Ion	Ratio	Lower	Upper
166	100		
165	93.2	75.1	112.7
167	13.6	11.1	16.7



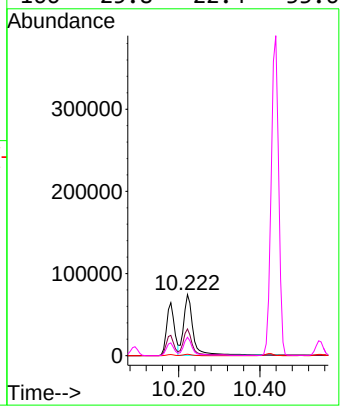


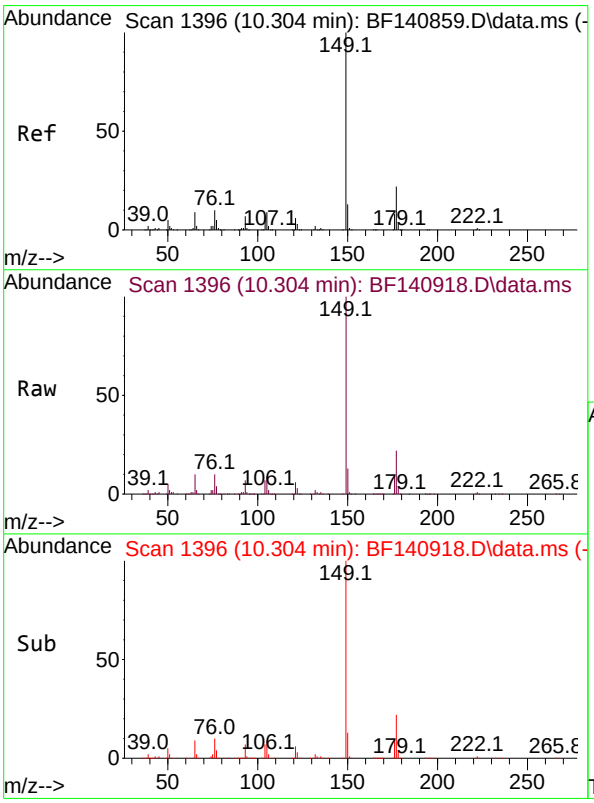
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.624 ng
RT: 10.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 119606

Ion	Ratio	Lower	Upper
232	100		
131	37.9	35.1	52.7
130	2.2	1.8	2.8
166	25.8	22.4	33.6

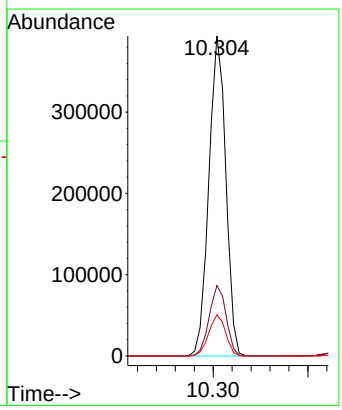


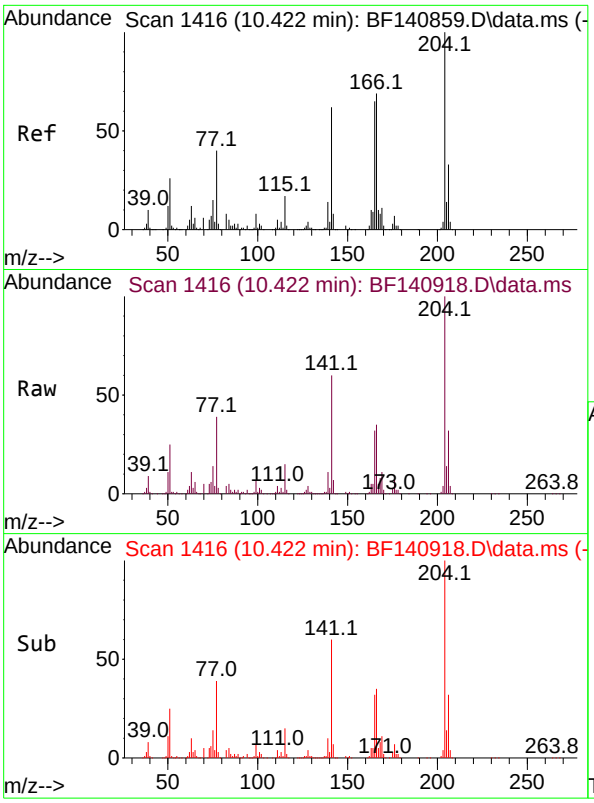


#60
Diethylphthalate
Concen: 39.244 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:149 Resp: 489083

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.2	25.8
150	12.8	10.1	15.1



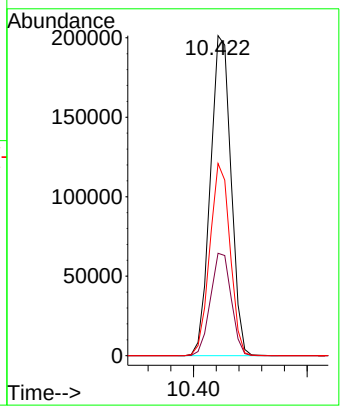


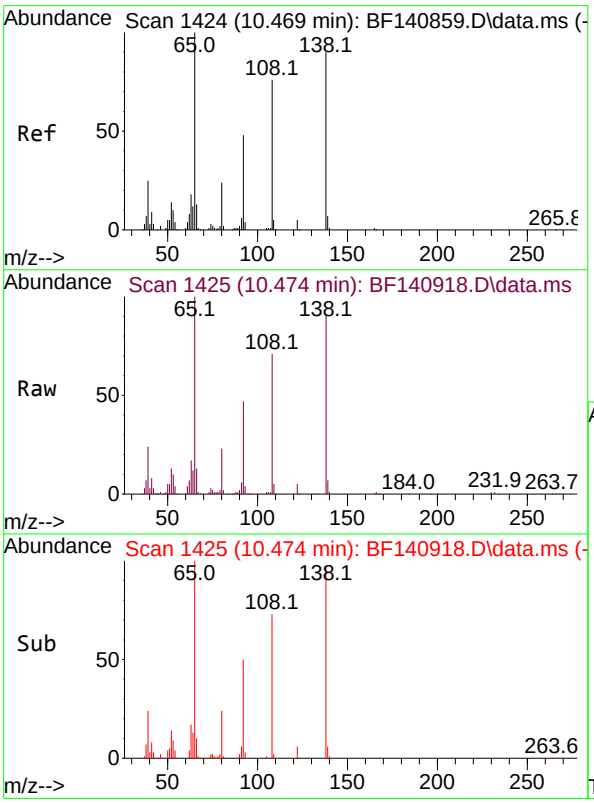
#61
4-Chlorophenyl-phenylether
Concen: 40.653 ng
RT: 10.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 254131

Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	60.0	50.0	75.0

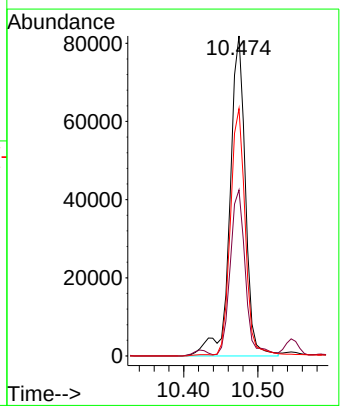


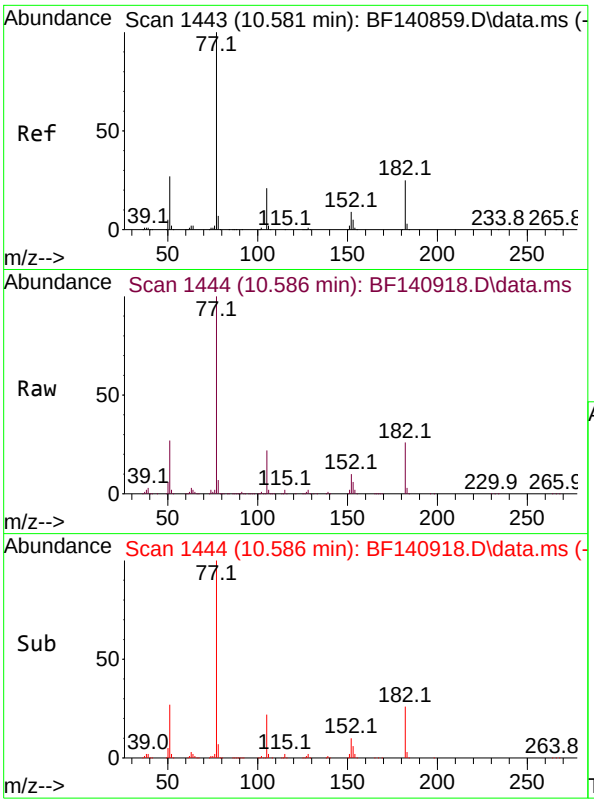


#62
4-Nitroaniline
Concen: 41.859 ng
RT: 10.474 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:138 Resp: 119268

Ion	Ratio	Lower	Upper
138	100		
92	51.9	32.6	72.6
108	77.3	64.1	104.1



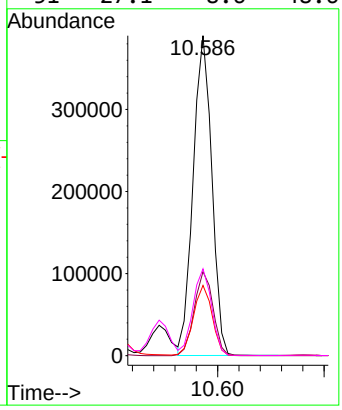


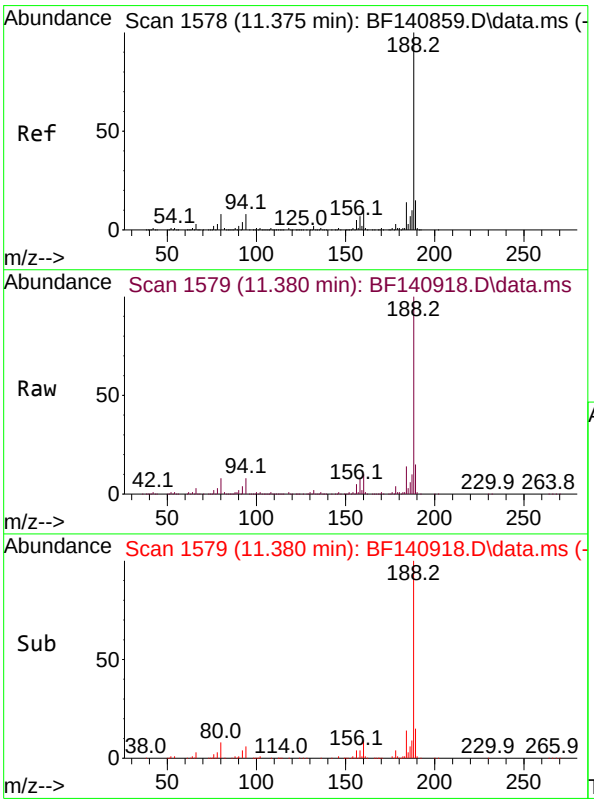
#63
Azobenzene
Concen: 40.505 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 474575

Ion	Ratio	Lower	Upper
77	100		
182	26.3	4.5	44.5
105	21.9	0.9	40.9
51	27.1	8.6	48.6

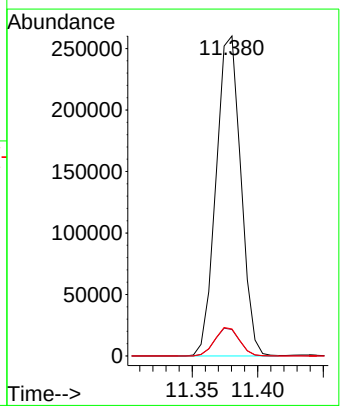


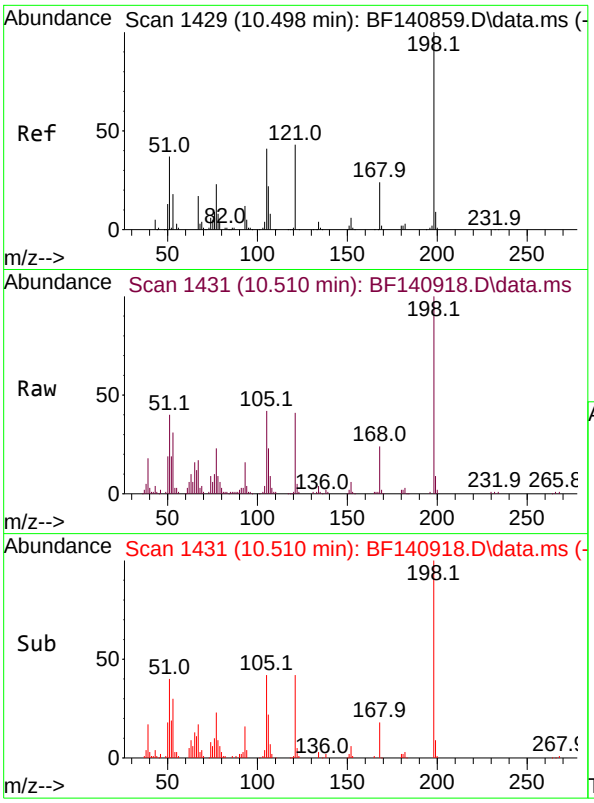


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:188 Resp: 341650

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.4	9.6
80	8.5	6.8	10.2



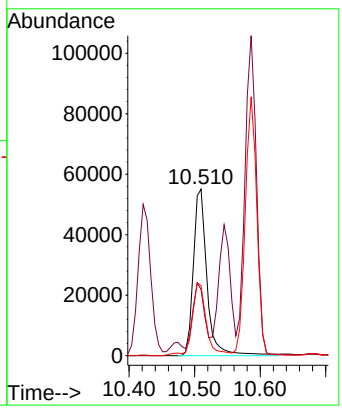


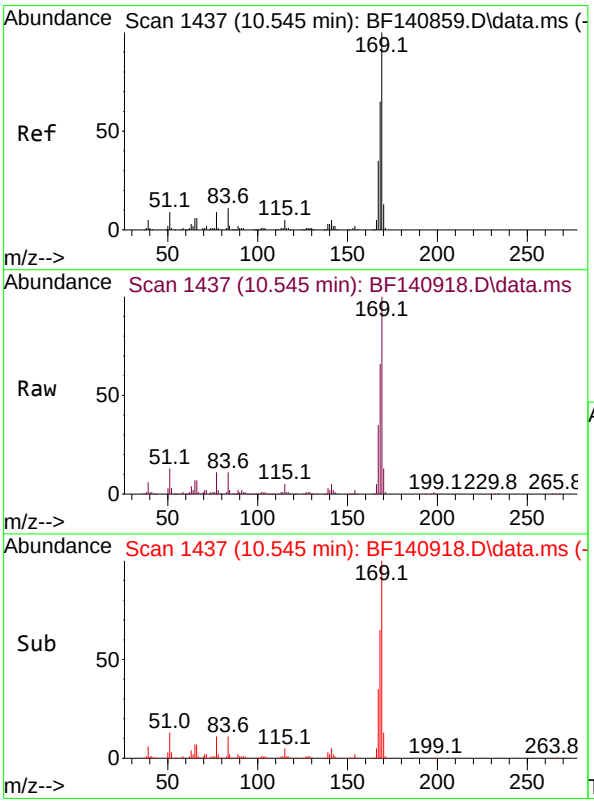
#65
4,6-Dinitro-2-methylphenol
Concen: 41.245 ng
RT: 10.510 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 79849

Ion	Ratio	Lower	Upper
198	100		
51	39.6	24.4	64.4
105	41.9	22.1	62.1

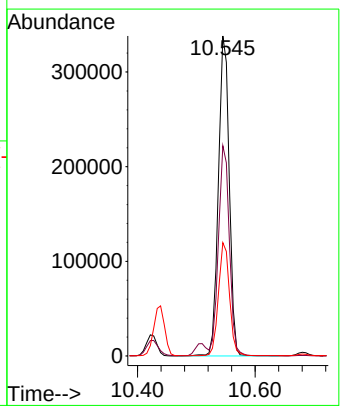


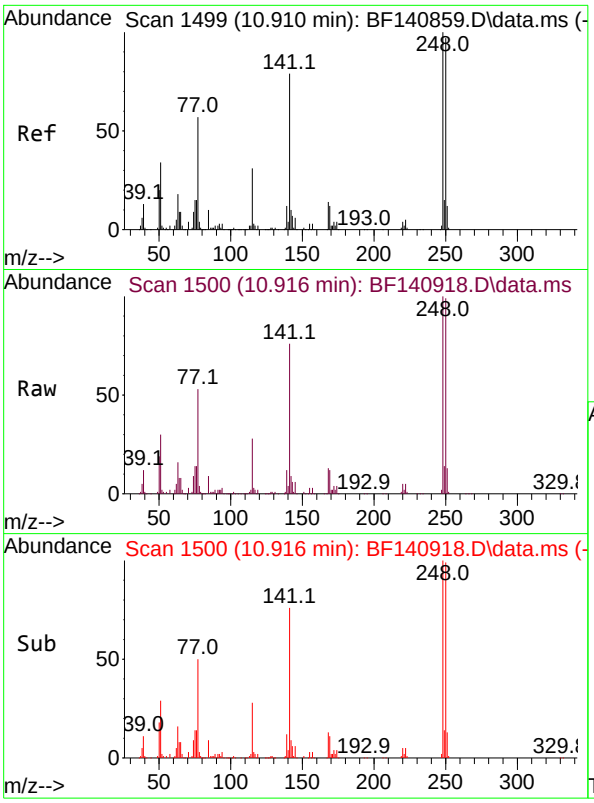


#66
n-Nitrosodiphenylamine
Concen: 41.241 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:169 Resp: 433206

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.4	80.0
167	35.4	28.3	42.5



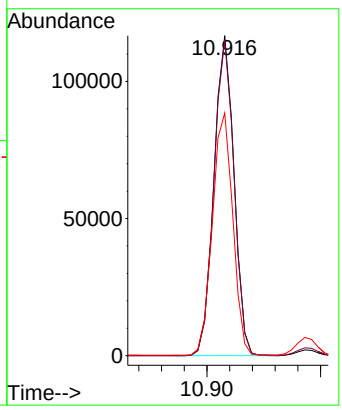


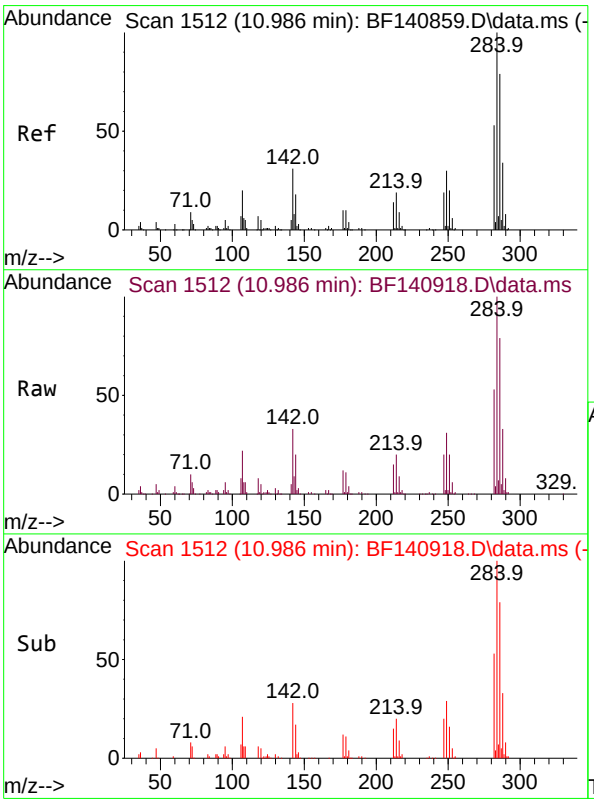
#67
4-Bromophenyl-phenylether
Concen: 37.509 ng
RT: 10.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 143364

Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.4	116.2
141	75.9	62.9	94.3

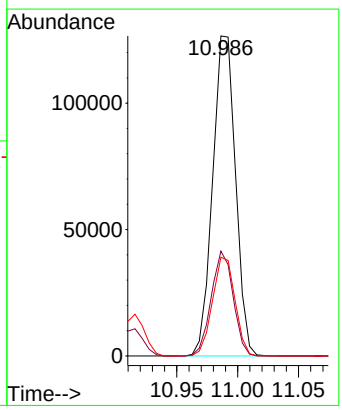


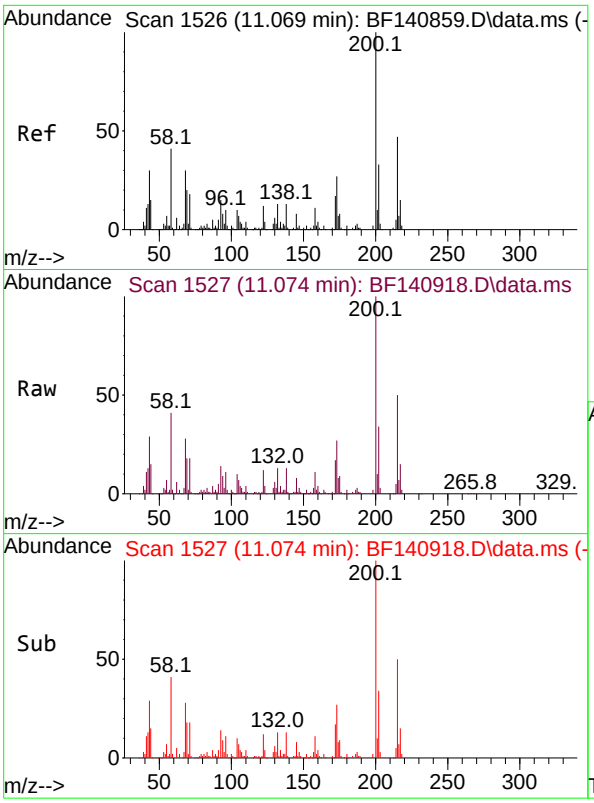


#68
Hexachlorobenzene
Concen: 38.170 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:284 Resp: 165408

Ion	Ratio	Lower	Upper
284	100		
142	32.8	24.6	36.8
249	30.8	24.3	36.5



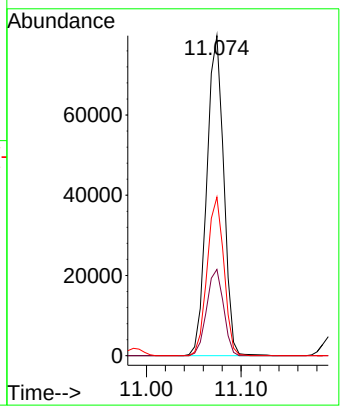


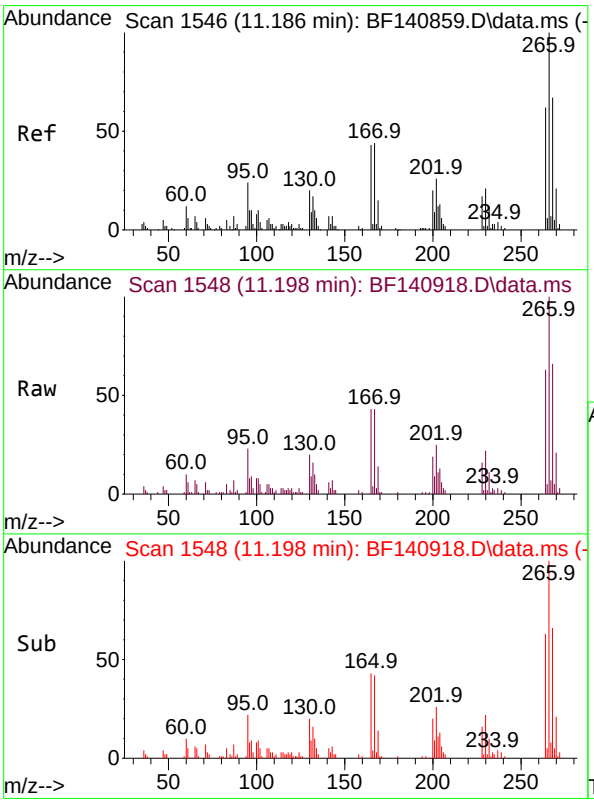
#69
Atrazine
Concen: 33.670 ng
RT: 11.074 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 98779

Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.6	46.6
215	49.6	26.7	66.7

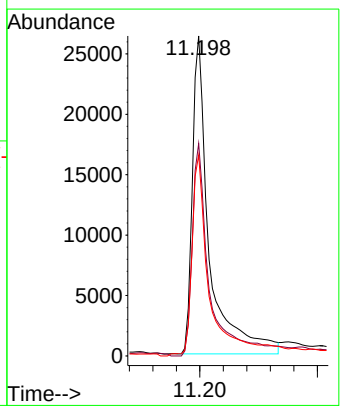


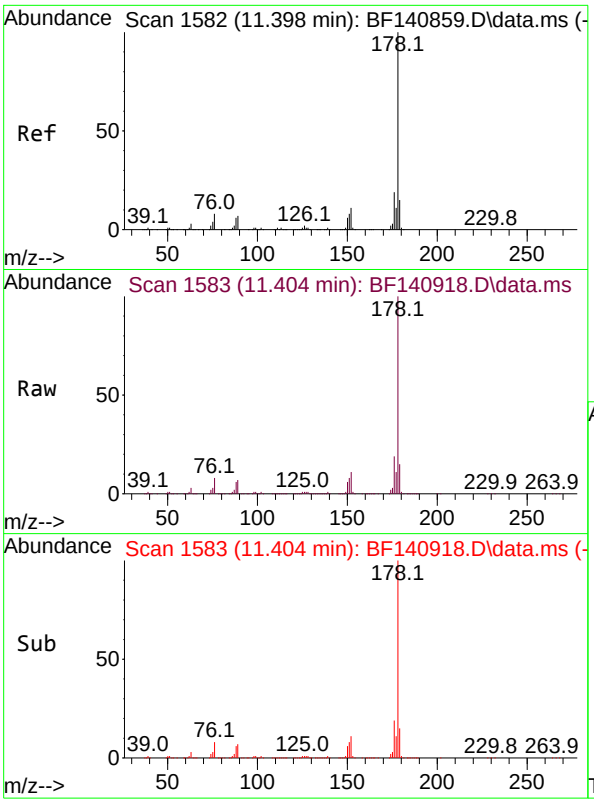


#70
Pentachlorophenol
Concen: 33.407 ng
RT: 11.198 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:266 Resp: 52928

Ion	Ratio	Lower	Upper
266	100		
268	66.4	54.0	81.0
264	62.8	49.4	74.2



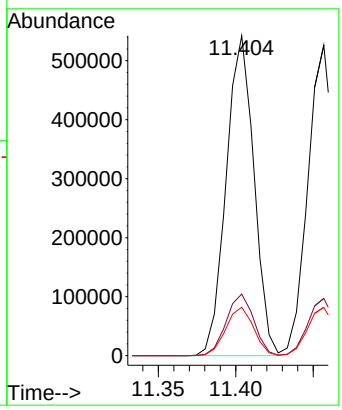


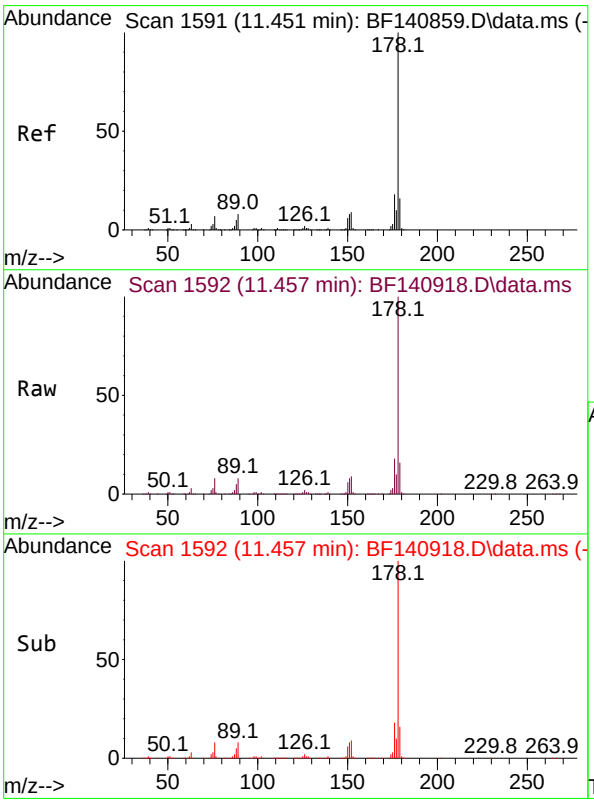
#71
Phenanthrene
Concen: 38.479 ng
RT: 11.404 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 676035

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.1	12.1	18.1

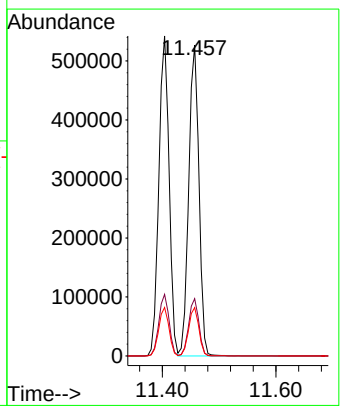


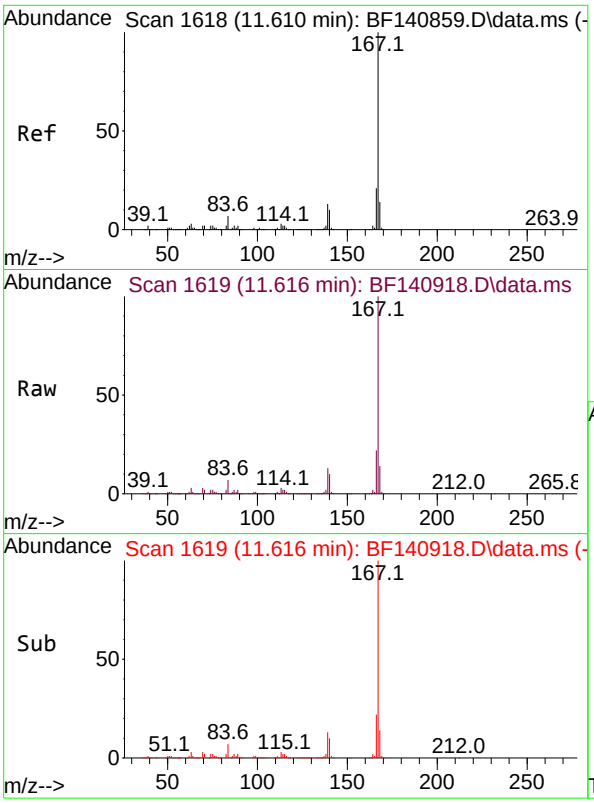


#72
Anthracene
Concen: 38.119 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:178 Resp: 659532

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.5	12.6	18.8



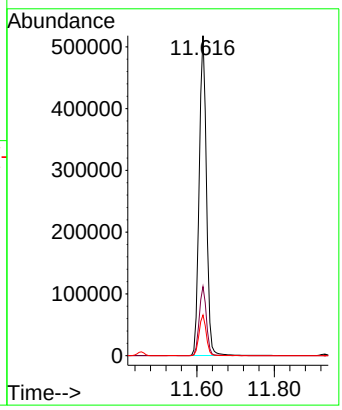


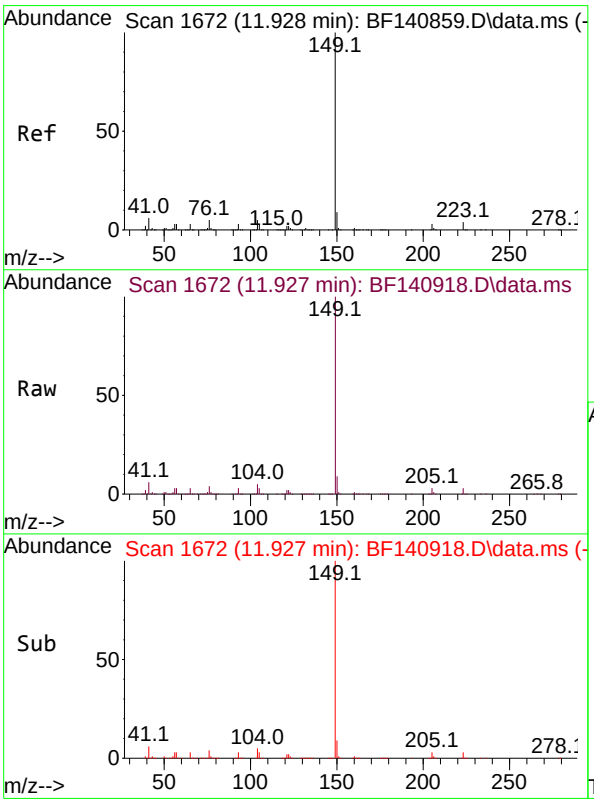
#73
Carbazole
Concen: 39.613 ng
RT: 11.616 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 671330

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	12.7	10.2	15.2

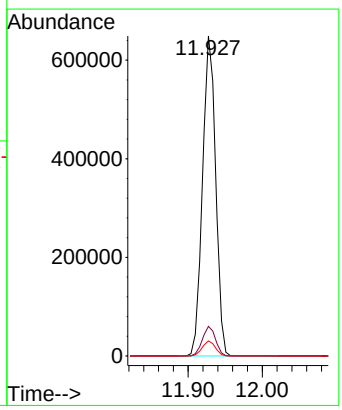


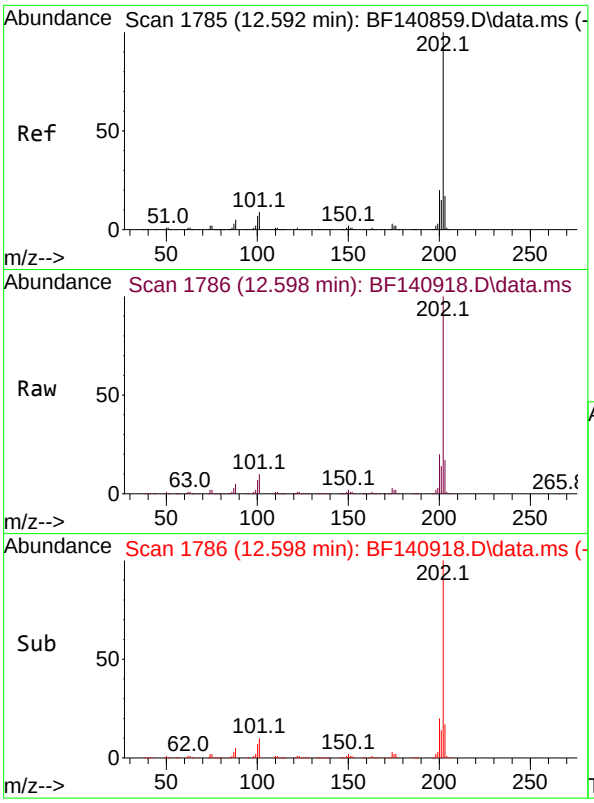


#74
Di-n-butylphthalate
Concen: 40.170 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:149 Resp: 798949

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.7	3.8	5.8



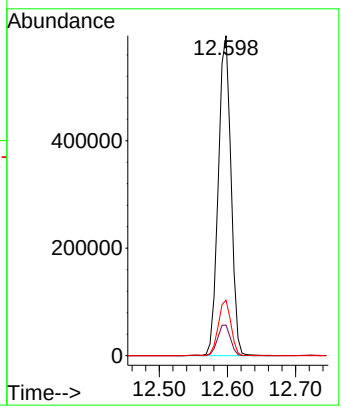


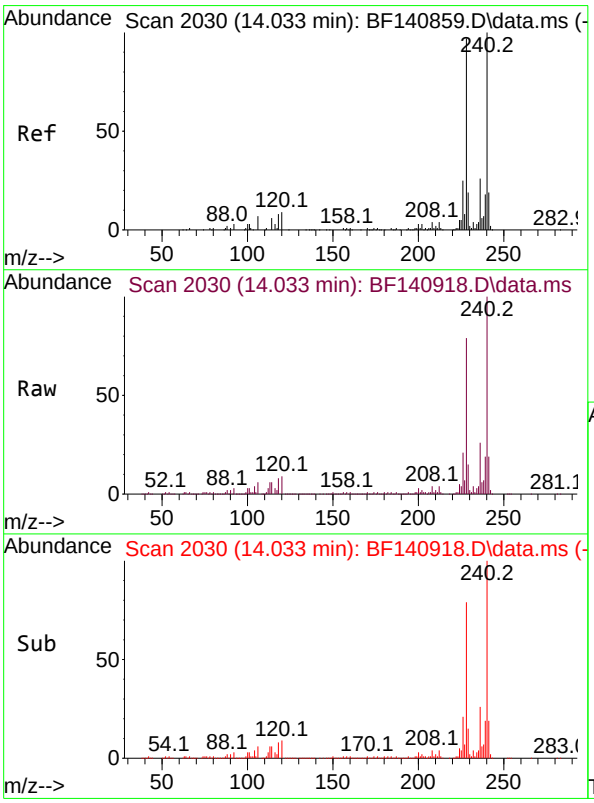
#75
Fluoranthene
Concen: 38.192 ng
RT: 12.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 772766

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.3
203	17.4	0.0	37.4

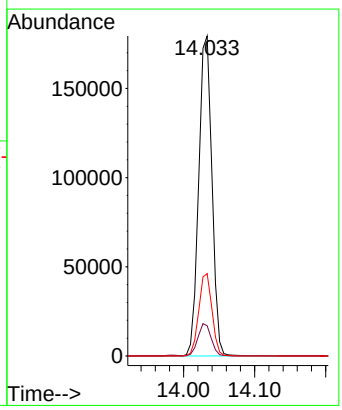


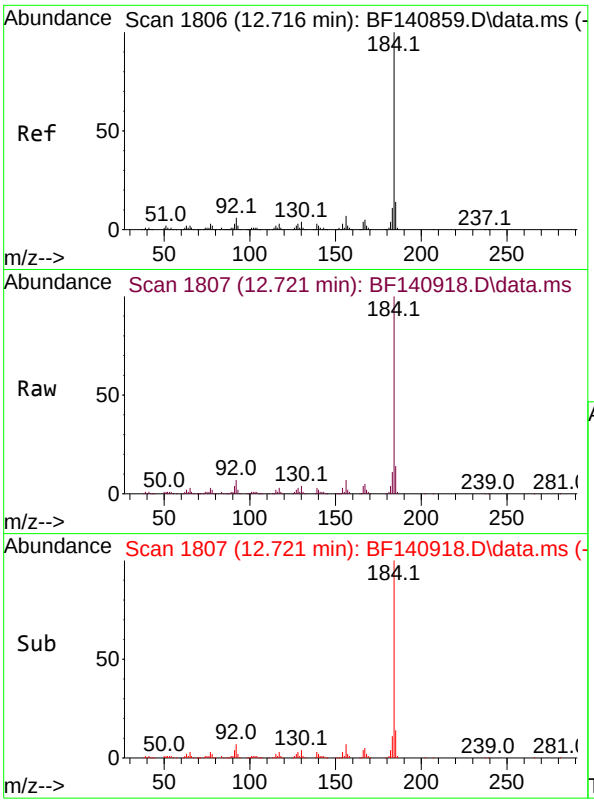


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:240 Resp: 232895

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.6	11.4
236	25.8	20.5	30.7



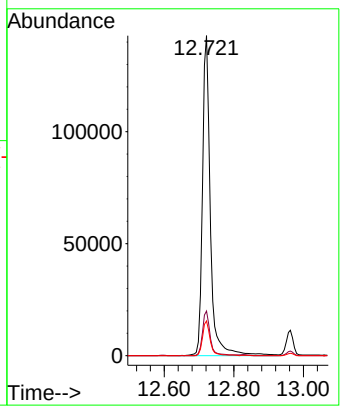


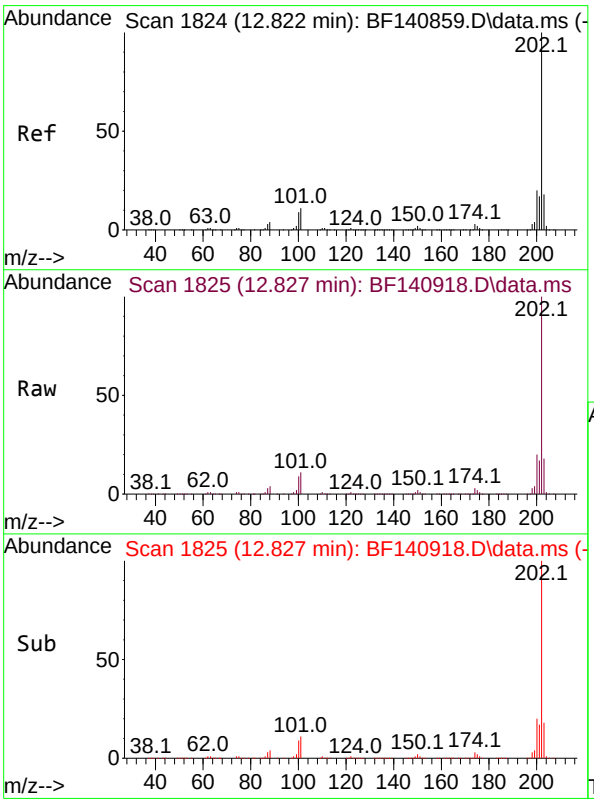
#77
Benzidine
Concen: 47.473 ng
RT: 12.721 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 225655

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.1	16.7
183	10.8	9.0	13.4

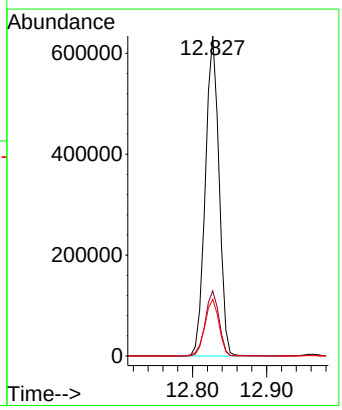


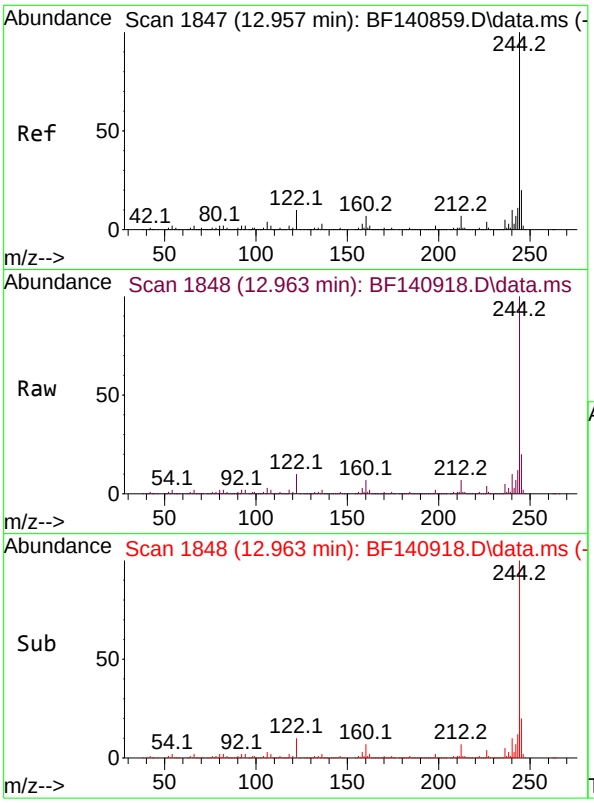


#78
Pyrene
Concen: 39.321 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:202 Resp: 814346

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.1	24.1
203	17.8	14.2	21.4



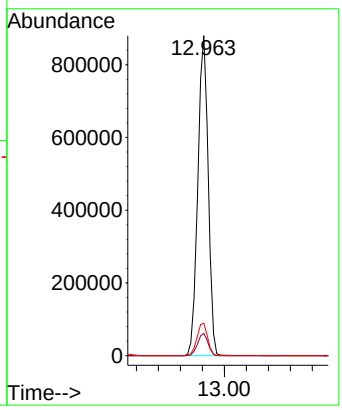


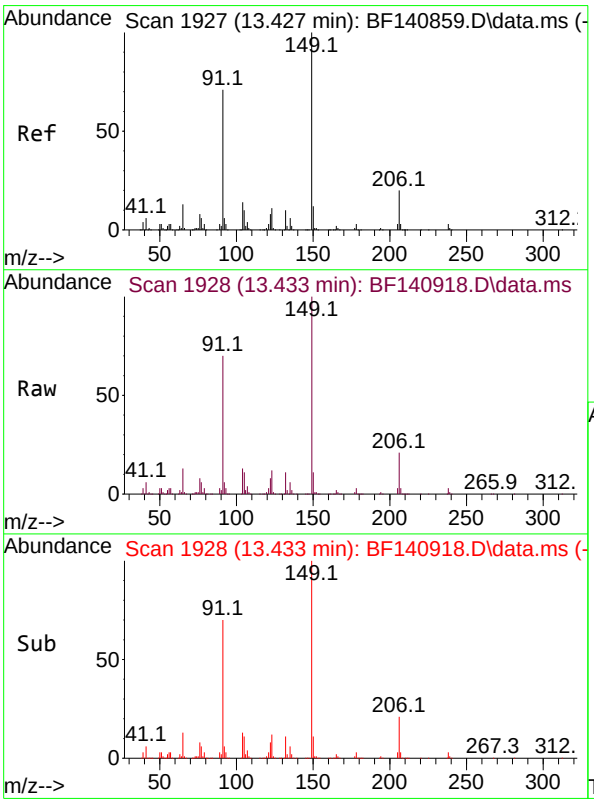
#79
Terphenyl-d14
Concen: 78.103 ng
RT: 12.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1153538

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.2	8.2	12.2

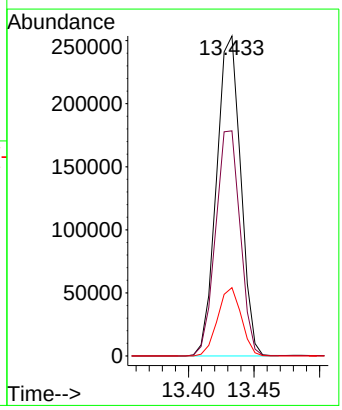


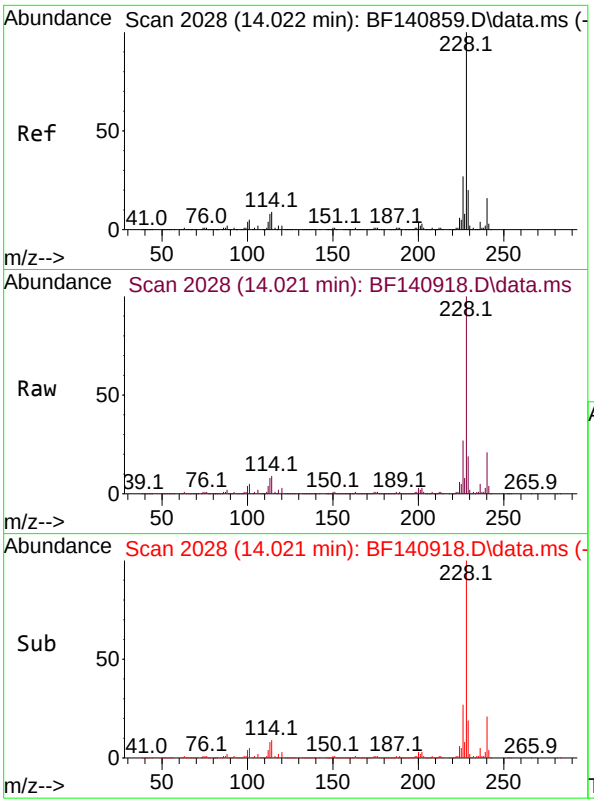


#80
Butylbenzylphthalate
Concen: 42.661 ng
RT: 13.433 min Scan# 1928
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:149 Resp: 325092

Ion	Ratio	Lower	Upper
149	100		
91	70.4	56.7	85.1
206	21.4	16.4	24.6



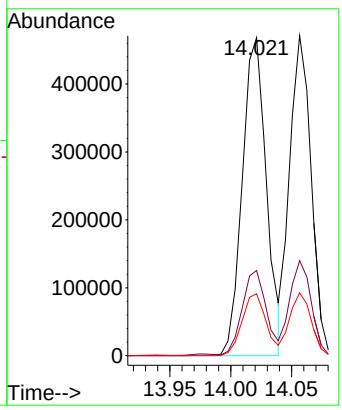


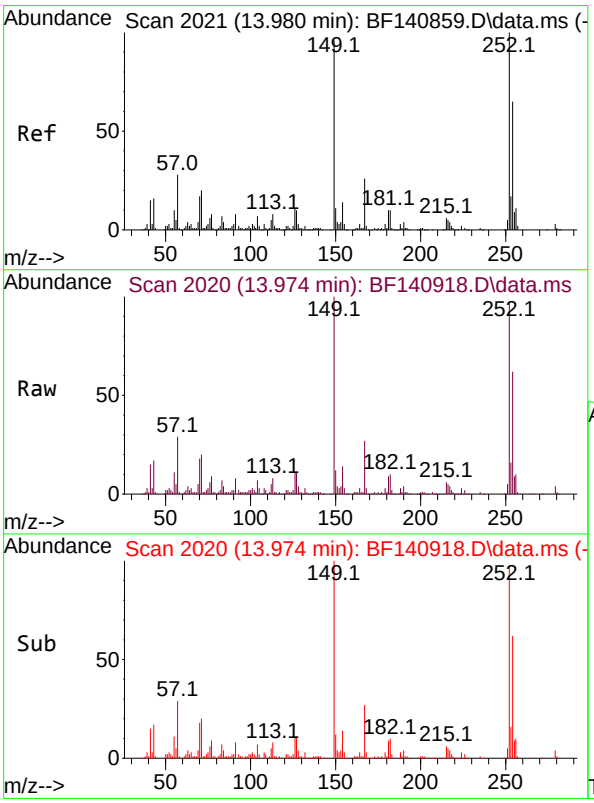
#81
Benzo(a)anthracene
Concen: 39.090 ng
RT: 14.021 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 645218

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	19.5	15.8	23.8

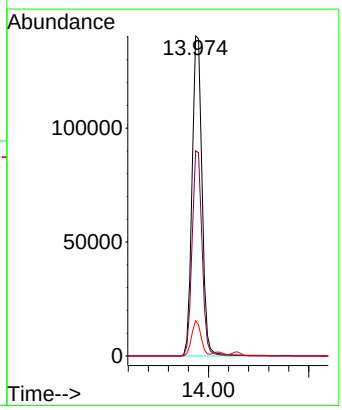


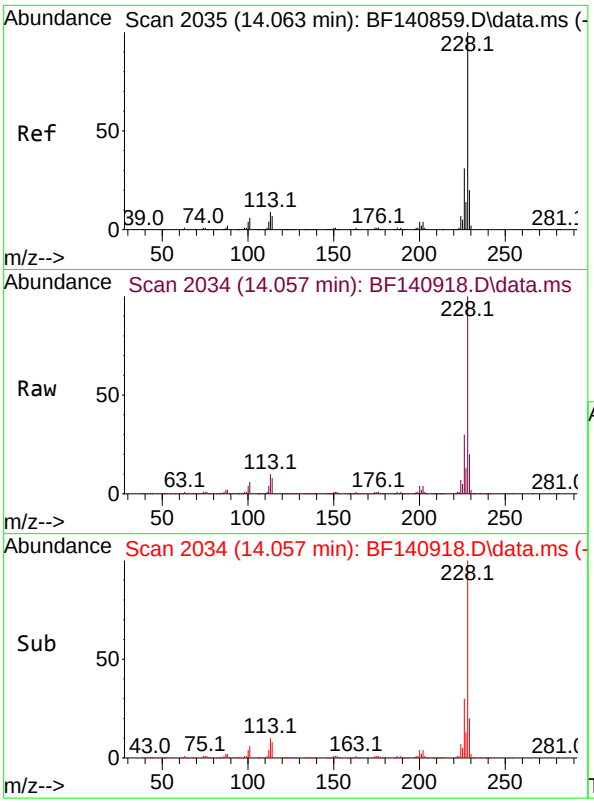


#82
3,3'-Dichlorobenzidine
Concen: 38.994 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:252 Resp: 194188

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.3	78.5
126	11.0	8.4	12.6



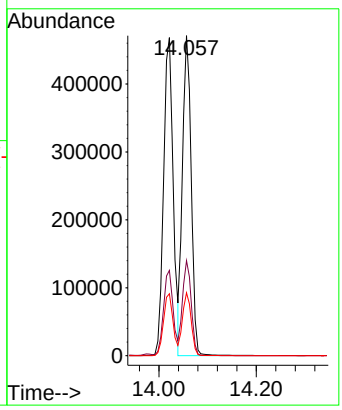


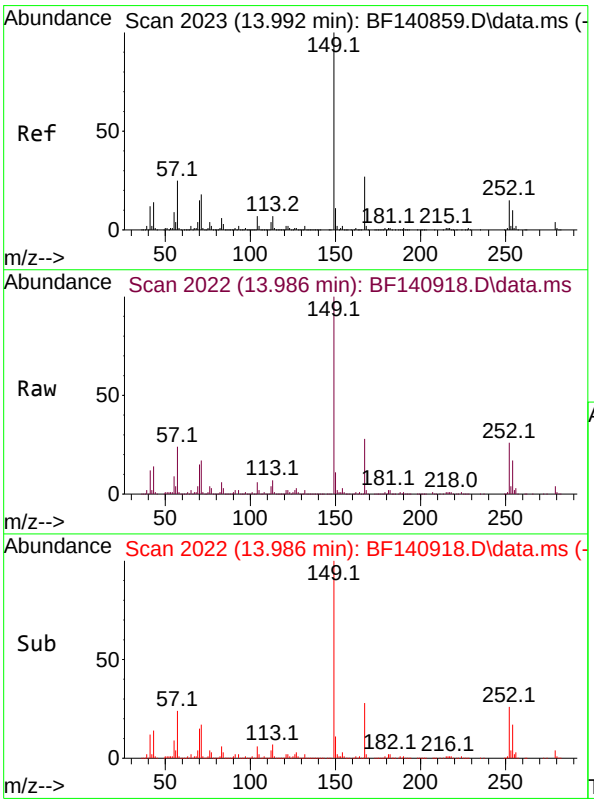
#83
Chrysene
Concen: 38.993 ng
RT: 14.057 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 585267

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.7	16.0	24.0

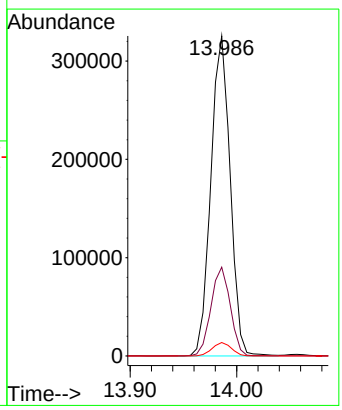


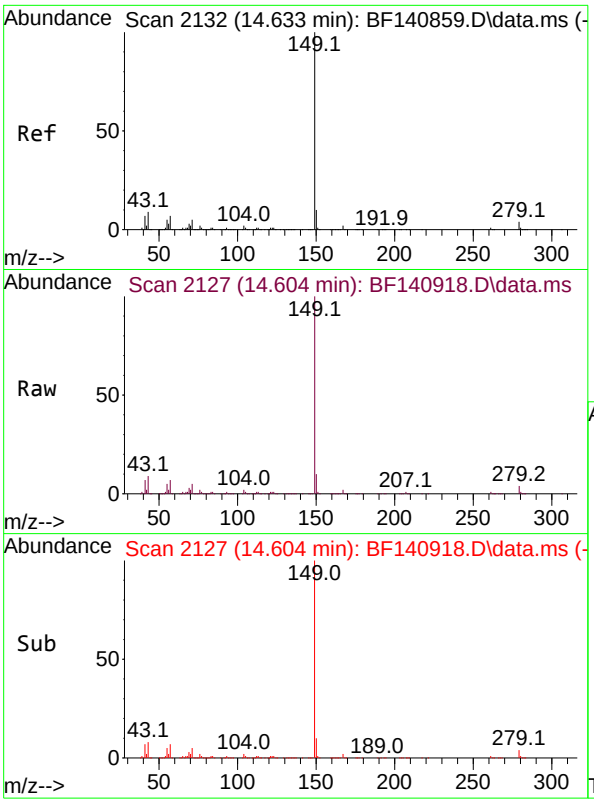


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.777 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:149 Resp: 410498

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.8
279	4.2	3.5	5.3



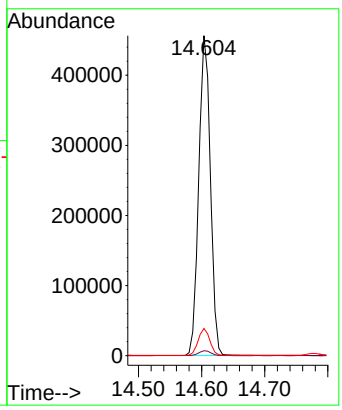


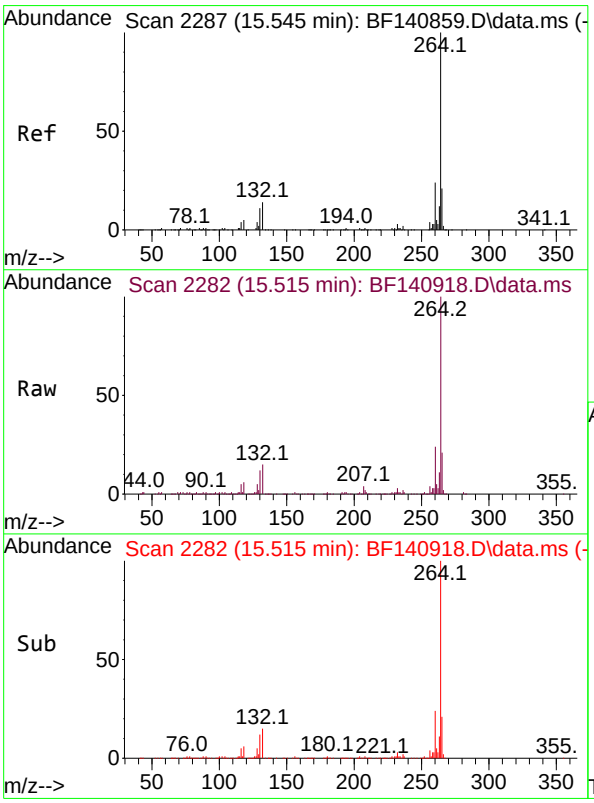
#85
Di-n-octyl phthalate
Concen: 39.126 ng
RT: 14.604 min Scan# 2
Delta R.T. -0.030 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 581635

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.5	7.0	10.6

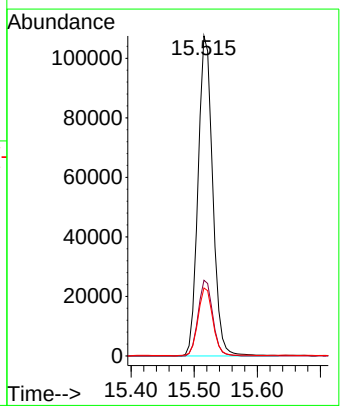


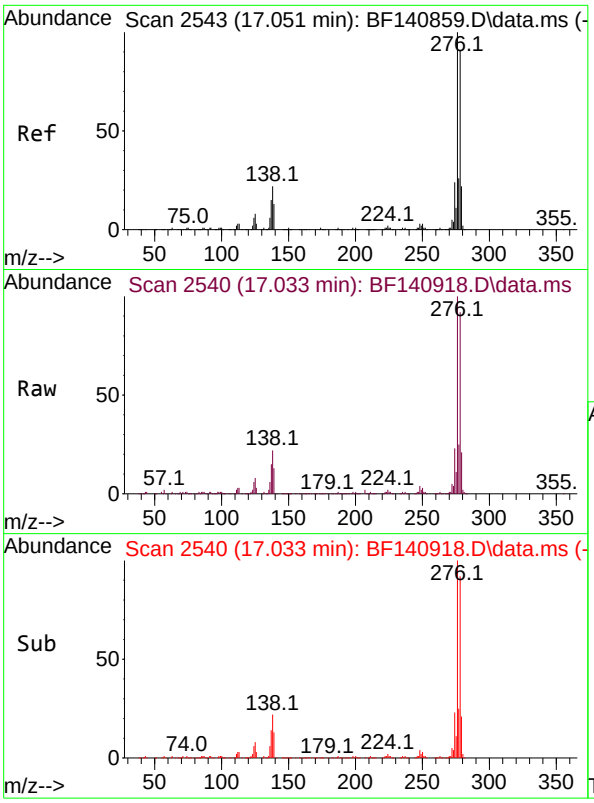


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.030 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:264 Resp: 172998

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.3	17.0	25.4



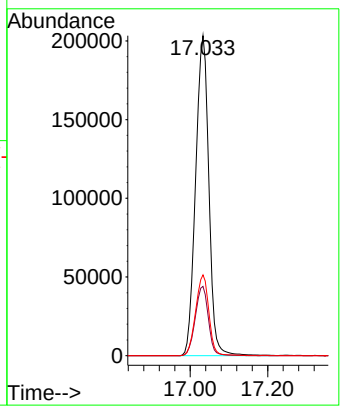


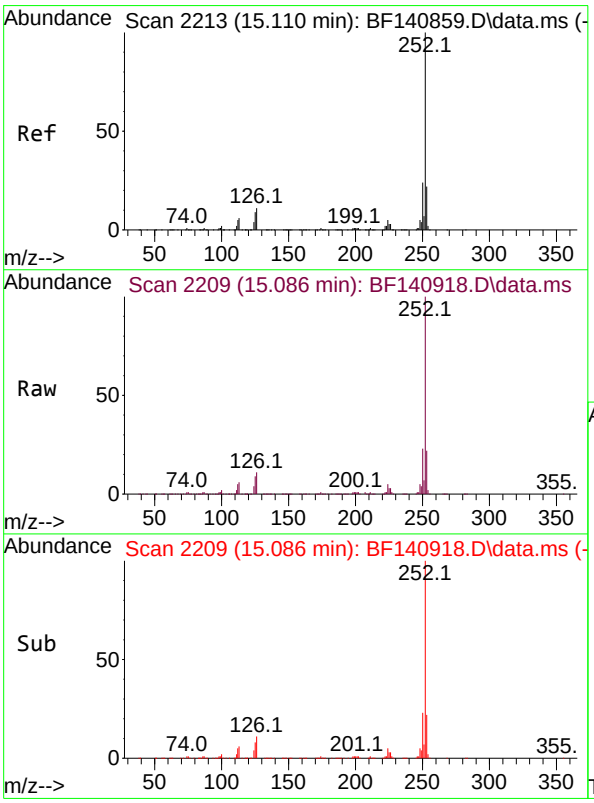
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.604 ng
RT: 17.033 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 481528

Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.9	25.3
277	25.2	20.2	30.4

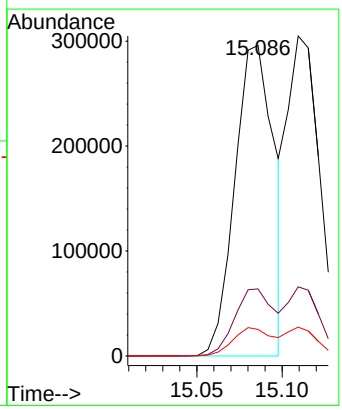


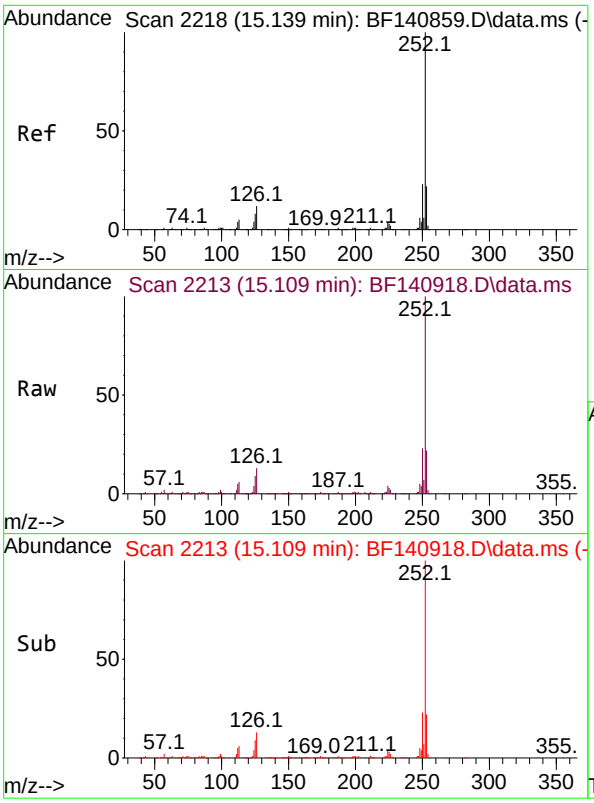


#88
Benzo(b)fluoranthene
Concen: 39.372 ng
RT: 15.086 min Scan# 2209
Delta R.T. -0.024 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:252 Resp: 472804

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	8.6	7.0	10.4



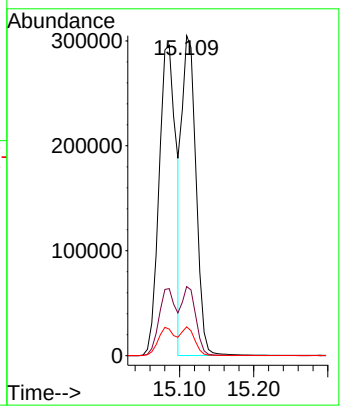


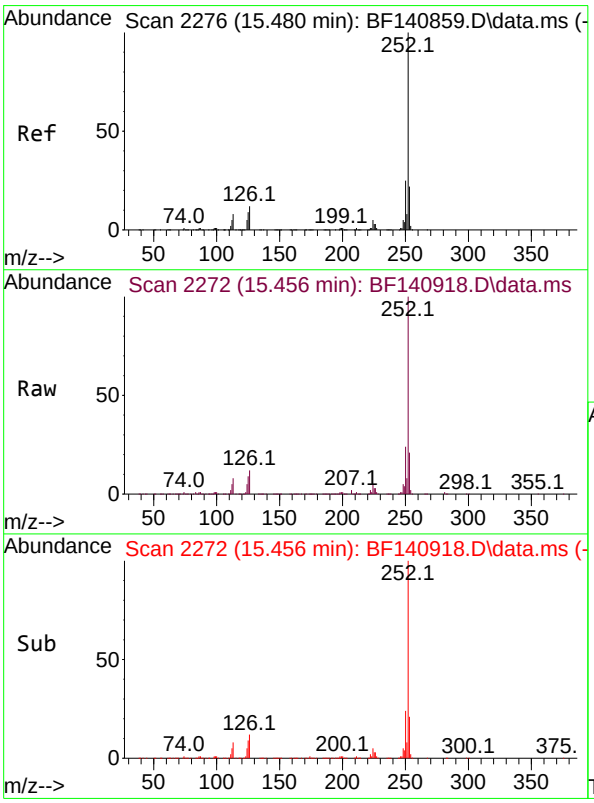
#89
Benzo(k)fluoranthene
Concen: 39.117 ng
RT: 15.109 min Scan# 2
Delta R.T. -0.030 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 402948

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.0	6.8	10.2

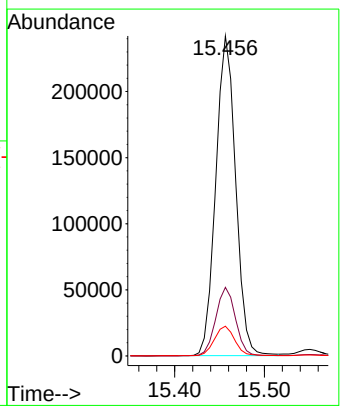


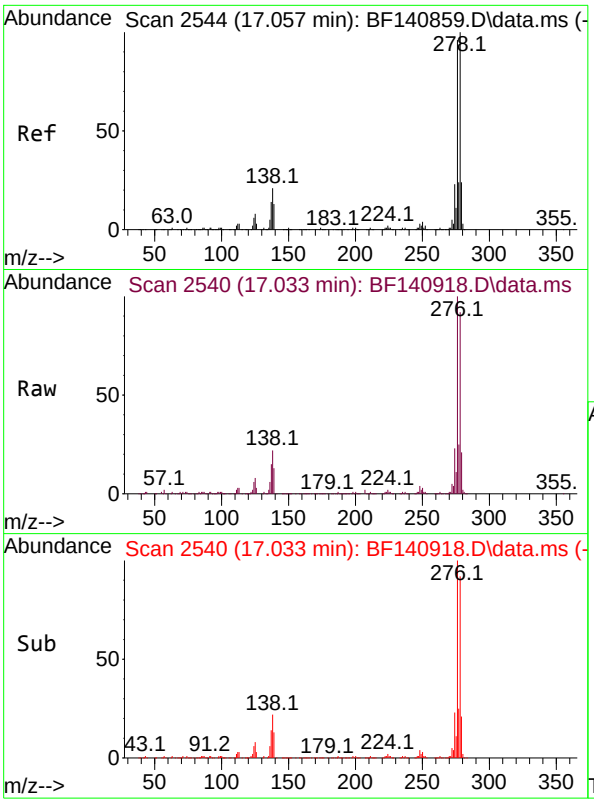


#90
Benzo(a)pyrene
Concen: 39.568 ng
RT: 15.456 min Scan# 2272
Delta R.T. -0.024 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:252 Resp: 372061

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	9.3	7.5	11.3



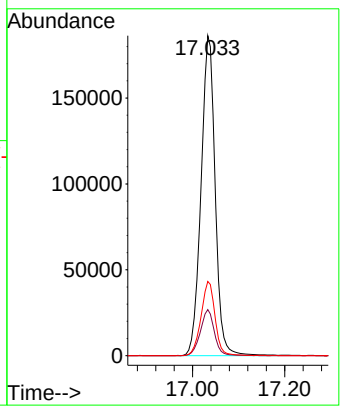


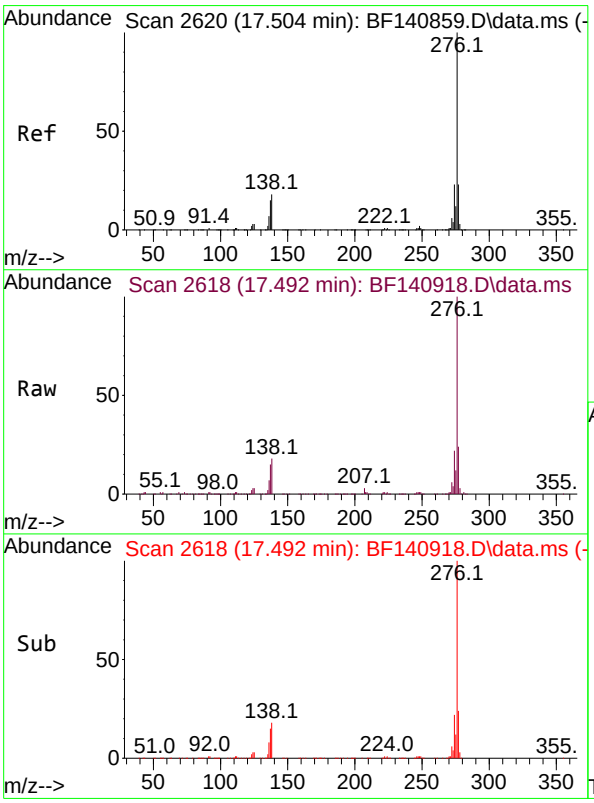
#91
Dibenzo(a,h)anthracene
Concen: 44.623 ng
RT: 17.033 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 399099

Ion	Ratio	Lower	Upper
278	100		
139	14.4	10.6	16.0
279	23.2	19.2	28.8

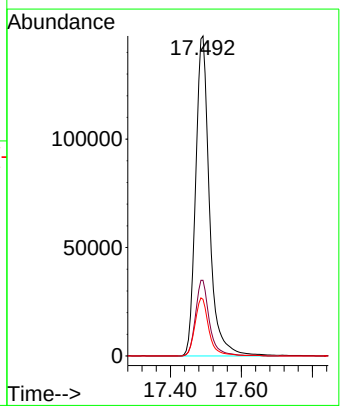




#92
Benzo(g,h,i)perylene
Concen: 44.021 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:276 Resp: 400706

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	17.7	14.2	21.2



Sample Results: **BF140918.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140918.D
Acq On : 19 Dec 2024 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
2		1,4-Dioxane	0.523	0.450	14.0	97	-0.03
3		Pyridine	1.212	1.128	6.9	100	-0.03
4		n-Nitrosodimethylamine	0.611	0.531	13.1	95	-0.03
5	S	2-Fluorophenol	1.215	1.221	-0.5	110	0.00
6		Aniline	1.376	1.299	5.6	103	0.00
7	S	Phenol-d6	1.609	1.487	7.6	103	0.00
8		2-Chlorophenol	1.325	1.270	4.2	106	0.00
9		Benzaldehyde	0.892	0.851	4.6	107	0.00
10	C	Phenol	1.668	1.568	6.0	104	0.00
11		bis(2-Chloroethyl)ether	1.244	1.187	4.6	105	0.00
12		1,3-Dichlorobenzene	1.510	1.434	5.0	106	0.00
13	C	1,4-Dichlorobenzene	1.532	1.474	3.8	107	0.00
14		1,2-Dichlorobenzene	1.446	1.351	6.6	102	0.00
15		Benzyl Alcohol	1.151	1.098	4.6	104	0.00
16		2,2'-oxybis(1-Chloropropane	1.465	1.372	6.3	103	0.00
17		2-Methylphenol	1.058	0.965	8.8	101	0.00
18		Hexachloroethane	0.570	0.530	7.0	103	0.00
19	P	n-Nitroso-di-n-propylamine	0.965	0.878	9.0	103	0.00
20		3+4-Methylphenols	1.403	1.307	6.8	105	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	104	0.00
22		Acetophenone	0.500	0.482	3.6	102	0.00
23	S	Nitrobenzene-d5	0.400	0.386	3.5	102	0.00
24		Nitrobenzene	0.410	0.392	4.4	102	0.00
25		Isophorone	0.670	0.648	3.3	104	0.00
26	C	2-Nitrophenol	0.189	0.188	0.5	104	0.00
27		2,4-Dimethylphenol	0.220	0.217	1.4	103	0.00
28		bis(2-Chloroethoxy)methane	0.418	0.408	2.4	102	0.00
29	C	2,4-Dichlorophenol	0.304	0.300	1.3	105	0.00
30		1,2,4-Trichlorobenzene	0.349	0.334	4.3	102	0.00
31		Naphthalene	1.099	1.070	2.6	104	0.00
32		Benzoic acid	0.209	0.202	3.3	99	0.00
33		4-Chloroaniline	0.365	0.367	-0.5	106	0.00
34	C	Hexachlorobutadiene	0.235	0.224	4.7	100	0.00
35		Caprolactam	0.091	0.100	-9.9	115	0.00
36	C	4-Chloro-3-methylphenol	0.342	0.331	3.2	102	0.00
37		2-Methylnaphthalene	0.727	0.712	2.1	103	0.00
38		1-Methylnaphthalene	0.719	0.679	5.6	100	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40		1,2,4,5-Tetrachlorobenzene	0.615	0.631	-2.6	103	0.00
41	P	Hexachlorocyclopentadiene	0.153	0.110	28.1#	74	0.00
42	S	2,4,6-Tribromophenol	0.237	0.237	0.0	94	0.00
43	C	2,4,6-Trichlorophenol	0.376	0.385	-2.4	101	0.00
44		2,4,5-Trichlorophenol	0.414	0.412	0.5	99	0.00
45	S	2-Fluorobiphenyl	1.455	1.472	-1.2	102	0.00
46		1,1'-Biphenyl	1.590	1.648	-3.6	104	0.00
47		2-Chloronaphthalene	1.217	1.266	-4.0	103	0.00

Sample Results: **BF140918.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140918.D
Acq On : 19 Dec 2024 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.367	0.391	-6.5	104	0.00
49		Acenaphthylene	1.788	1.915	-7.1	105	0.00
50		Dimethylphthalate	1.410	1.465	-3.9	102	0.00
51		2,6-Dinitrotoluene	0.322	0.329	-2.2	100	0.00
52	C	Acenaphthene	1.142	1.107	3.1	95	0.00
53		3-Nitroaniline	0.320	0.327	-2.2	99	0.00
54	P	2,4-Dinitrophenol	0.132	0.123	6.8	88	0.01
55		Dibenzofuran	1.770	1.720	2.8	95	0.00
56	P	4-Nitrophenol	0.150	0.181	-20.7	105	0.01
57		2,4-Dinitrotoluene	0.424	0.419	1.2	95	0.00
58		Fluorene	1.460	1.449	0.8	95	0.00
59		2,3,4,6-Tetrachlorophenol	0.337	0.351	-4.2	94	0.00
60		Diethylphthalate	1.462	1.435	1.8	95	0.00
61		4-Chlorophenyl-phenylether	0.733	0.745	-1.6	99	0.00
62		4-Nitroaniline	0.334	0.350	-4.8	98	0.00
63		Azobenzene	1.375	1.392	-1.2	97	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	94	0.00
65		4,6-Dinitro-2-methylphenol	0.113	0.117	-3.5	95	0.01
66	c	n-Nitrosodiphenylamine	0.615	0.634	-3.1	100	0.00
67		4-Bromophenyl-phenylether	0.224	0.210	6.3	90	0.00
68		Hexachlorobenzene	0.254	0.242	4.7	93	0.00
69		Atrazine	0.172	0.145	15.7	81	0.00
70	C	Pentachlorophenol	0.093	0.077	17.2	75	0.01
71		Phenanthrene	1.028	0.989	3.8	95	0.00
72		Anthracene	1.013	0.965	4.7	94	0.00
73		Carbazole	0.992	0.982	1.0	97	0.00
74		Di-n-butylphthalate	1.164	1.169	-0.4	98	0.00
75	C	Fluoranthene	1.184	1.131	4.5	94	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	97	0.00
77		Benzidine	0.408	0.484	-18.6	116	0.00
78		Pyrene	1.779	1.748	1.7	99	0.00
79	S	Terphenyl-d14	1.268	1.238	2.4	99	0.00
80		Butylbenzylphthalate	0.654	0.698	-6.7	104	0.00
81		Benzo(a)anthracene	1.417	1.385	2.3	99	0.00
82		3,3'-Dichlorobenzidine	0.428	0.417	2.6	98	0.00
83		Chrysene	1.289	1.257	2.5	96	0.00
84		Bis(2-ethylhexyl)phthalate	0.844	0.881	-4.4	104	0.00
85	c	Di-n-octyl phthalate	1.277	1.249	2.2	99	-0.03
86	I	Perylene-d12	1.000	1.000	0.0	85	-0.03
87		Indeno(1,2,3-cd)pyrene	1.248	1.392	-11.5	94	-0.02
88		Benzo(b)fluoranthene	1.388	1.367	1.5	90	-0.02
89		Benzo(k)fluoranthene	1.191	1.165	2.2	81	-0.03
90	C	Benzo(a)pyrene	1.087	1.075	1.1	86	-0.02
91		Dibenzo(a,h)anthracene	1.034	1.153	-11.5	93	-0.02
92		Benzo(g,h,i)perylene	1.052	1.158	-10.1	92	-0.01

Sample Results: **BF140918.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140918.D
Acq On : 19 Dec 2024 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BF140918.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140918.D
Acq On : 19 Dec 2024 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	108	0.00
2		1,4-Dioxane	40.000	34.398	14.0	97	-0.03
3		Pyridine	40.000	37.226	6.9	100	-0.03
4		n-Nitrosodimethylamine	40.000	34.760	13.1	95	-0.03
5	S	2-Fluorophenol	80.000	80.420	-0.5	110	0.00
6		Aniline	40.000	37.754	5.6	103	0.00
7	S	Phenol-d6	80.000	73.945	7.6	103	0.00
8		2-Chlorophenol	40.000	38.339	4.2	106	0.00
9		Benzaldehyde	40.000	38.181	4.5	107	0.00
10	C	Phenol	40.000	37.595	6.0	104	0.00
11		bis(2-Chloroethyl)ether	40.000	38.180	4.6	105	0.00
12		1,3-Dichlorobenzene	40.000	37.982	5.0	106	0.00
13	C	1,4-Dichlorobenzene	40.000	38.472	3.8	107	0.00
14		1,2-Dichlorobenzene	40.000	37.385	6.5	102	0.00
15		Benzyl Alcohol	40.000	38.161	4.6	104	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.443	6.4	103	0.00
17		2-Methylphenol	40.000	36.500	8.8	101	0.00
18		Hexachloroethane	40.000	37.187	7.0	103	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	36.368	9.1	103	0.00
20		3+4-Methylphenols	40.000	37.271	6.8	105	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	104	0.00
22		Acetophenone	40.000	38.526	3.7	102	0.00
23	S	Nitrobenzene-d5	80.000	77.237	3.5	102	0.00
24		Nitrobenzene	40.000	38.336	4.2	102	0.00
25		Isophorone	40.000	38.674	3.3	104	0.00
26	C	2-Nitrophenol	40.000	39.779	0.6	104	0.00
27		2,4-Dimethylphenol	40.000	39.347	1.6	103	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.978	2.6	102	0.00
29	C	2,4-Dichlorophenol	40.000	39.496	1.3	105	0.00
30		1,2,4-Trichlorobenzene	40.000	38.301	4.2	102	0.00
31		Naphthalene	40.000	38.970	2.6	104	0.00
32		Benzoic acid	40.000	38.714	3.2	99	0.00
33		4-Chloroaniline	40.000	40.223	-0.6	106	0.00
34	C	Hexachlorobutadiene	40.000	38.122	4.7	100	0.00
35		Caprolactam	40.000	43.976	-9.9	115	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.688	3.3	102	0.00
37		2-Methylnaphthalene	40.000	39.163	2.1	103	0.00
38		1-Methylnaphthalene	40.000	37.810	5.5	100	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.048	-2.6	103	0.00
41	P	Hexachlorocyclopentadiene	40.000	33.321	16.7	74	0.00
42	S	2,4,6-Tribromophenol	80.000	80.186	-0.2	94	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.863	-2.2	101	0.00
44		2,4,5-Trichlorophenol	40.000	39.803	0.5	99	0.00
45	S	2-Fluorobiphenyl	80.000	80.929	-1.2	102	0.00
46		1,1'-Biphenyl	40.000	41.459	-3.6	104	0.00
47		2-Chloronaphthalene	40.000	41.616	-4.0	103	0.00

Sample Results: **BF140918.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140918.D
Acq On : 19 Dec 2024 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.617	-6.5	104	0.00
49		Acenaphthylene	40.000	42.842	-7.1	105	0.00
50		Dimethylphthalate	40.000	41.552	-3.9	102	0.00
51		2,6-Dinitrotoluene	40.000	40.848	-2.1	100	0.00
52	C	Acenaphthene	40.000	38.754	3.1	95	0.00
53		3-Nitroaniline	40.000	40.947	-2.4	99	0.00
54	P	2,4-Dinitrophenol	40.000	35.324	11.7	88	0.01
55		Dibenzofuran	40.000	38.883	2.8	95	0.00
56	P	4-Nitrophenol	40.000	44.209	-10.5	105	0.01
57		2,4-Dinitrotoluene	40.000	39.496	1.3	95	0.00
58		Fluorene	40.000	39.705	0.7	95	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.624	-4.1	94	0.00
60		Diethylphthalate	40.000	39.244	1.9	95	0.00
61		4-Chlorophenyl-phenylether	40.000	40.653	-1.6	99	0.00
62		4-Nitroaniline	40.000	41.859	-4.6	98	0.00
63		Azobenzene	40.000	40.505	-1.3	97	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	94	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.245	-3.1	95	0.01
66	c	n-Nitrosodiphenylamine	40.000	41.241	-3.1	100	0.00
67		4-Bromophenyl-phenylether	40.000	37.509	6.2	90	0.00
68		Hexachlorobenzene	40.000	38.170	4.6	93	0.00
69		Atrazine	40.000	33.670	15.8	81	0.00
70	C	Pentachlorophenol	40.000	33.407	16.5	75	0.01
71		Phenanthrene	40.000	38.479	3.8	95	0.00
72		Anthracene	40.000	38.119	4.7	94	0.00
73		Carbazole	40.000	39.613	1.0	97	0.00
74		Di-n-butylphthalate	40.000	40.170	-0.4	98	0.00
75	C	Fluoranthene	40.000	38.192	4.5	94	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	97	0.00
77		Benzidine	40.000	47.473	-18.7	116	0.00
78		Pyrene	40.000	39.321	1.7	99	0.00
79	S	Terphenyl-d14	80.000	78.103	2.4	99	0.00
80		Butylbenzylphthalate	40.000	42.661	-6.7	104	0.00
81		Benzo(a)anthracene	40.000	39.090	2.3	99	0.00
82		3,3'-Dichlorobenzidine	40.000	38.994	2.5	98	0.00
83		Chrysene	40.000	38.993	2.5	96	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	41.777	-4.4	104	0.00
85	c	Di-n-octyl phthalate	40.000	39.126	2.2	99	-0.03
86	I	Perylene-d12	20.000	20.000	0.0	85	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	44.604	-11.5	94	-0.02
88		Benzo(b)fluoranthene	40.000	39.372	1.6	90	-0.02
89		Benzo(k)fluoranthene	40.000	39.117	2.2	81	-0.03
90	C	Benzo(a)pyrene	40.000	39.568	1.1	86	-0.02
91		Dibenzo(a,h)anthracene	40.000	44.623	-11.6	93	-0.02
92		Benzo(g,h,i)perylene	40.000	44.021	-10.1	92	-0.01

Sample Results: **BF140918.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140918.D
Acq On : 19 Dec 2024 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BF140961.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG No.: P5291

Instrument ID: BNA_F Calibration Date/Time: 12/23/2024 10:18

Lab File ID: BF140961.D Init. Calib. Date(s): 12/16/2024 12/16/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:13 16:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.215	1.270		4.5	
Benzaldehyde	0.892	0.787		-11.8	
Phenol-d6	1.609	1.609		0.0	
Phenol	1.668	1.652		-1.0	20.0
bis(2-Chloroethyl)ether	1.244	1.265		1.7	
2-Chlorophenol	1.325	1.346		1.6	
2-Methylphenol	1.058	1.055		-0.3	
2,2-oxybis(1-Chloropropane)	1.465	1.442		-1.6	
Acetophenone	0.500	0.532		6.4	
3+4-Methylphenols	1.403	1.418		1.1	
n-Nitroso-di-n-propylamine	0.965	0.928	0.050	-3.8	
Nitrobenzene-d5	0.400	0.411		2.8	
Hexachloroethane	0.570	0.563		-1.2	
Nitrobenzene	0.410	0.418		2.0	
Isophorone	0.670	0.687		2.5	
2-Nitrophenol	0.189	0.201		6.3	20.0
2,4-Dimethylphenol	0.220	0.230		4.5	
bis(2-Chloroethoxy)methane	0.418	0.436		4.3	
2,4-Dichlorophenol	0.304	0.325		6.9	20.0
Naphthalene	1.099	1.150		4.6	
4-Chloroaniline	0.365	0.371		1.6	
Hexachlorobutadiene	0.235	0.252		7.2	20.0
Caprolactam	0.091	0.087		-4.4	
4-Chloro-3-methylphenol	0.342	0.340		-0.6	20.0
2-Methylnaphthalene	0.727	0.745		2.5	
Hexachlorocyclopentadiene	0.153	0.090	0.050	-41.2	
2,4,6-Trichlorophenol	0.376	0.387		2.9	20.0
2-Fluorobiphenyl	1.455	1.547		6.3	
2,4,5-Trichlorophenol	0.414	0.408		-1.4	
1,1-Biphenyl	1.590	1.705		7.2	
2-Chloronaphthalene	1.217	1.302		7.0	
2-Nitroaniline	0.367	0.363		-1.1	
Dimethylphthalate	1.410	1.434		1.7	
Acenaphthylene	1.788	1.907		6.7	
2,6-Dinitrotoluene	0.322	0.330		2.5	
3-Nitroaniline	0.320	0.318		-0.6	
Acenaphthene	1.142	1.220		6.8	20.0
2,4-Dinitrophenol	0.132	0.127	0.050	-3.8	
4-Nitrophenol	0.150	0.059	0.050	-60.7	

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: PARS02

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG No.: P5291

Instrument ID: BNA_F Calibration Date/Time: 12/23/2024 10:18

Lab File ID: BF140961.D Init. Calib. Date(s): 12/16/2024 12/16/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:13 16:15

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

COMPOUND	$\overline{RRF}$	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.770	1.832		3.5	
2,4-Dinitrotoluene	0.424	0.432		1.9	
Diethylphthalate	1.462	1.469		0.5	
4-Chlorophenyl-phenylether	0.733	0.762		4.0	
Fluorene	1.460	1.479		1.3	
4-Nitroaniline	0.334	0.316		-5.4	
4,6-Dinitro-2-methylphenol	0.113	0.118		4.4	
n-Nitrosodiphenylamine	0.615	0.681		10.7	20.0
2,4,6-Tribromophenol	0.237	0.231		-2.5	
4-Bromophenyl-phenylether	0.224	0.246		9.8	
Hexachlorobenzene	0.254	0.280		10.2	
Atrazine	0.172	0.163		-5.2	
Pentachlorophenol	0.093	0.088		-5.4	20.0
Phenanthrene	1.028	1.096		6.6	
Anthracene	1.013	1.060		4.6	
Carbazole	0.992	0.984		-0.8	
Di-n-butylphthalate	1.164	1.188		2.1	
Fluoranthene	1.184	1.156		-2.4	20.0
Pyrene	1.779	1.913		7.5	
Terphenyl-d14	1.268	1.364		7.6	
Butylbenzylphthalate	0.654	0.652		-0.3	
3,3-Dichlorobenzidine	0.428	0.467		9.1	
Benzo(a)anthracene	1.417	1.454		2.6	
Chrysene	1.289	1.360		5.5	
Bis(2-ethylhexyl)phthalate	0.844	0.861		2.0	
Di-n-octyl phthalate	1.277	1.362		6.7	20.0
Benzo(b)fluoranthene	1.388	1.266		-8.8	
Benzo(k)fluoranthene	1.191	1.270		6.6	
Benzo(a)pyrene	1.087	1.171		7.7	20.0
Indeno(1,2,3-cd)pyrene	1.248	1.671		33.9	
Dibenzo(a,h)anthracene	1.034	1.397		35.1	
Benzo(g,h,i)perylene	1.052	1.355		28.8	
1,2,4,5-Tetrachlorobenzene	0.615	0.684		11.2	
1,4-Dioxane	0.523	0.488		-6.7	20.0
2,3,4,6-Tetrachlorophenol	0.337	0.334		-0.9	

All other compounds must meet a minimum RRF of 0.010.

Quantitation Report (QT Reviewed)

Sample Results: **BF140961.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140961.D
Acq On : 23 Dec 2024 10:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 13:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	61135	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	219500	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	122112	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	222339	20.000	ng		0.00
76) Chrysene-d12	14.033	240	134875	20.000	ng		0.00
86) Perylene-d12	15.533	264	144038	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	310519	83.614	ng		0.00
7) Phenol-d6	6.504	99	393458	79.989	ng		0.00
23) Nitrobenzene-d5	7.422	82	360941	82.270	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	112671	78.014	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	755529	85.064	ng		0.00
79) Terphenyl-d14	12.957	244	735775	86.022	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	59611	37.265	ng		97
3) Pyridine	3.375	79	138053	37.266	ng		98
4) n-Nitrosodimethylamine	3.334	42	68250	36.546	ng		96
6) Aniline	6.522	93	162833	38.717	ng		95
8) 2-Chlorophenol	6.645	128	164578	40.638	ng		99
9) Benzaldehyde	6.410	77	96199	35.296	ng		98
10) Phenol	6.516	94	202012	39.625	ng		96
11) bis(2-Chloroethyl)ether	6.587	93	154671	40.682	ng		99
12) 1,3-Dichlorobenzene	6.792	146	191724	41.546	ng		97
13) 1,4-Dichlorobenzene	6.869	146	191959	40.980	ng		100
14) 1,2-Dichlorobenzene	7.022	146	184256	41.690	ng		99
15) Benzyl Alcohol	7.004	79	140053	39.822	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	176332	39.371	ng		85
17) 2-Methylphenol	7.122	107	129035	39.908	ng		98
18) Hexachloroethane	7.357	117	68878	39.498	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	113462	38.454	ng		99
20) 3+4-Methylphenols	7.275	107	173324	40.426	ng	#	85
22) Acetophenone	7.263	105	233626	42.548	ng		95
24) Nitrobenzene	7.439	77	183431	40.811	ng		96
25) Isophorone	7.675	82	301414	41.003	ng		99
26) 2-Nitrophenol	7.751	139	88301	42.656	ng		100
27) 2,4-Dimethylphenol	7.792	122	100833	41.709	ng		97
28) bis(2-Chloroethoxy)met...	7.875	93	191575	41.726	ng		98
29) 2,4-Dichlorophenol	8.004	162	142754	42.771	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	165052	43.138	ng		99
31) Naphthalene	8.151	128	504908	41.875	ng		100
32) Benzoic acid	7.945	122	88707	38.690	ng		97
33) 4-Chloroaniline	8.210	127	162948	40.690	ng		98
34) Hexachlorobutadiene	8.263	225	110624	42.974	ng		99
35) Caprolactam	8.592	113	38139	38.383	ng		94
36) 4-Chloro-3-methylphenol	8.698	107	149244	39.729	ng		99
37) 2-Methylnaphthalene	8.839	142	327151	41.017	ng		99
38) 1-Methylnaphthalene	8.939	142	323764	41.045	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	167089	44.518	ng		98
41) Hexachlorocyclopentadiene	8.986	237	22091	28.993	ng		95
43) 2,4,6-Trichlorophenol	9.133	196	94594	41.160	ng		99

Sample Results: **BF140961.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140961.D
Acq On : 23 Dec 2024 10:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 13:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	99644	39.447	ng	98
46) 1,1'-Biphenyl	9.304	154	416413	42.884	ng	99
47) 2-Chloronaphthalene	9.333	162	318010	42.810	ng	99
48) 2-Nitroaniline	9.439	65	88554	39.472	ng	94
49) Acenaphthylene	9.745	152	465833	42.672	ng	99
50) Dimethylphthalate	9.604	163	350137	40.670	ng	100
51) 2,6-Dinitrotoluene	9.681	165	80680	40.993	ng	91
52) Acenaphthene	9.916	154	297912	42.722	ng	99
53) 3-Nitroaniline	9.851	138	77647	39.755	ng	99
54) 2,4-Dinitrophenol	9.980	184	31040	36.222	ng	96
55) Dibenzofuran	10.092	168	447317	41.397	ng	98
56) 4-Nitrophenol	10.057	139	14441m	17.424	ng	
57) 2,4-Dinitrotoluene	10.086	165	105506	40.743	ng	98
58) Fluorene	10.433	166	361115	40.509	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	81536	39.612	ng	95
60) Diethylphthalate	10.298	149	358822	40.193	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	186101	41.560	ng	97
62) 4-Nitroaniline	10.469	138	77257m	37.852	ng	
63) Azobenzene	10.580	77	327136	38.978	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	52517	41.684	ng	96
66) n-Nitrosodiphenylamine	10.545	169	303009	44.326	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	109503	44.024	ng	99
68) Hexachlorobenzene	10.986	284	124414	44.116	ng	99
69) Atrazine	11.069	200	72623	38.039	ng	99
70) Pentachlorophenol	11.198	266	39039	37.863	ng	99
71) Phenanthrene	11.398	178	487215	42.612	ng	100
72) Anthracene	11.451	178	471444	41.869	ng	100
73) Carbazole	11.616	167	437469	39.666	ng	100
74) Di-n-butylphthalate	11.927	149	528355	40.820	ng	99
75) Fluoranthene	12.592	202	514230	39.052	ng	99
77) Benzidine	12.721	184	92303	33.531	ng	99
78) Pyrene	12.827	202	516160	43.035	ng	100
80) Butylbenzylphthalate	13.427	149	175903	39.859	ng	99
81) Benzo(a)anthracene	14.021	228	392086	41.017	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	125869	43.644	ng	97
83) Chrysene	14.057	228	366916	42.211	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	232385	40.838	ng	98
85) Di-n-octyl phthalate	14.615	149	367492	42.687	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	481277	53.544	ng	99
88) Benzo(b)fluoranthene	15.098	252	364595	36.465	ng	99
89) Benzo(k)fluoranthene	15.127	252	365859m	42.658	ng	
90) Benzo(a)pyrene	15.474	252	337440	43.101	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	402396	54.038	ng	99
92) Benzo(g,h,i)perylene	17.509	276	390342	51.504	ng	99

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

Quantitation Report (QT Reviewed)

Sample Results: **BF140961.D**

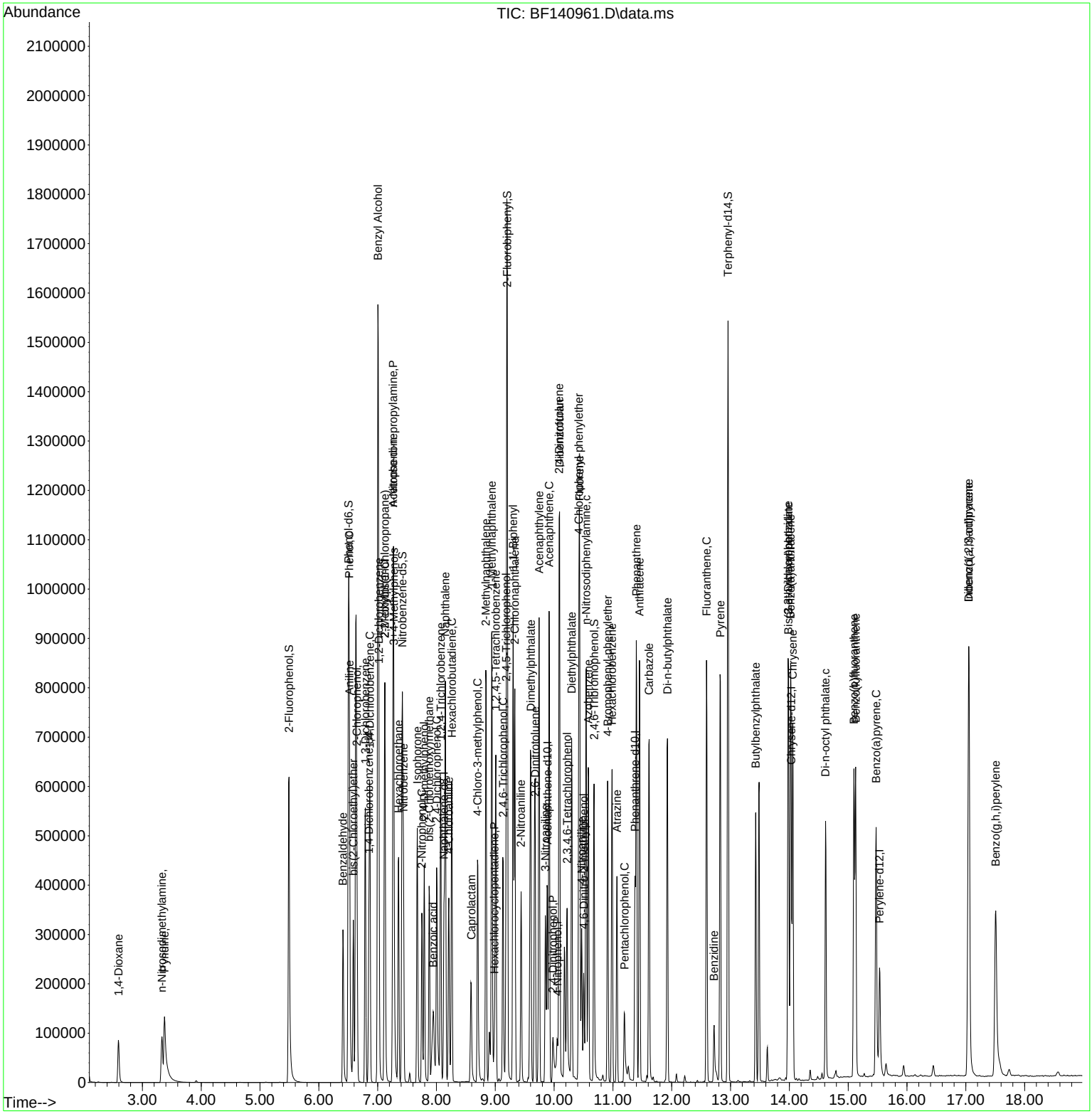
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140961.D
Acq On : 23 Dec 2024 10:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

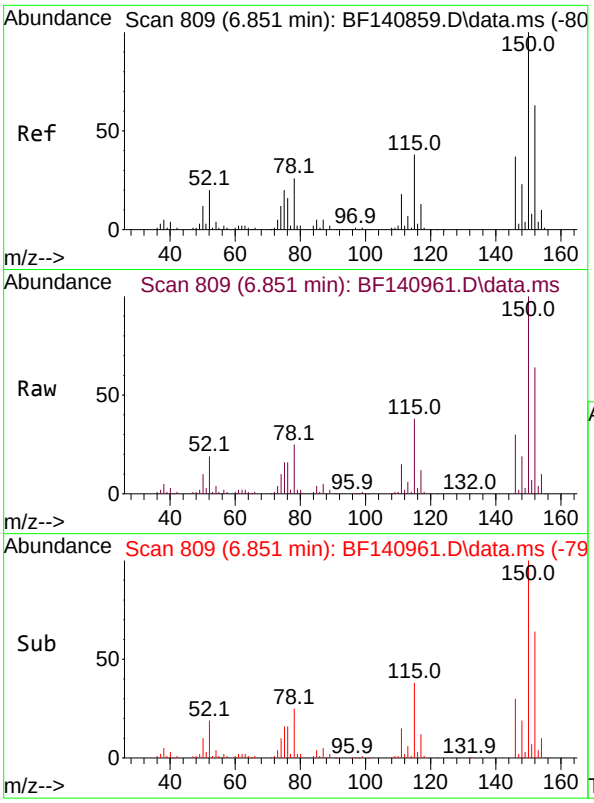
Quant Time: Dec 23 13:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

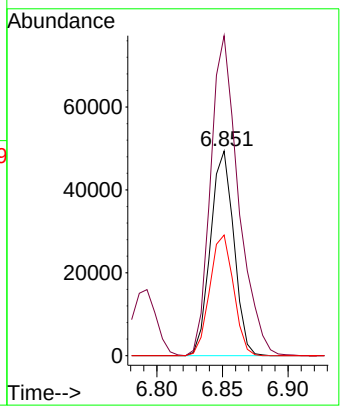
Tgt Ion:152 Resp: 6113!

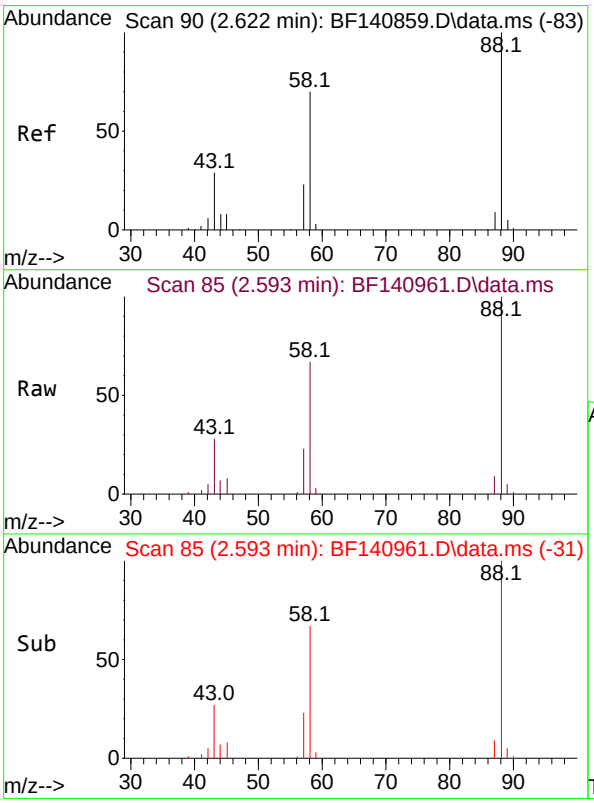
Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.9	191.9
115	58.9	48.0	72.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

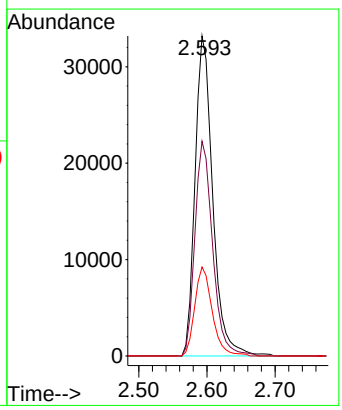


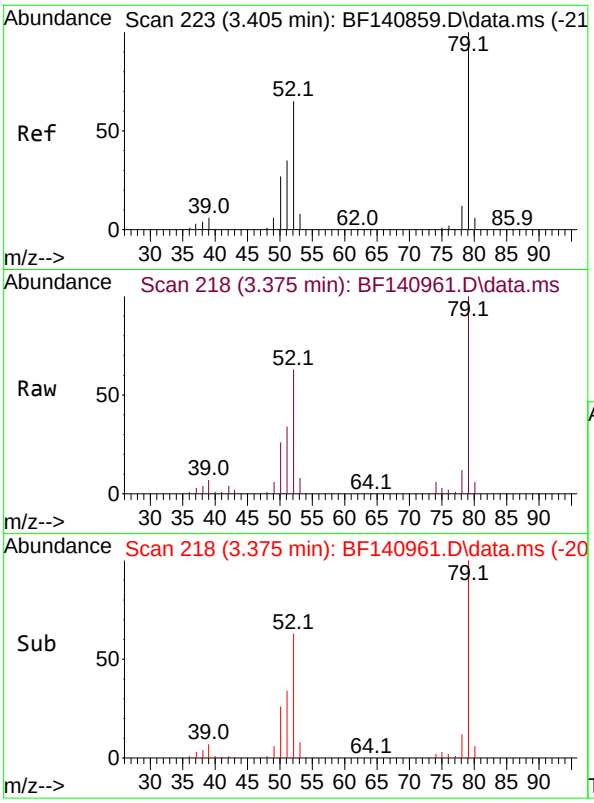


#2
1,4-Dioxane
Concen: 37.265 ng
RT: 2.593 min Scan# 85
Delta R.T. -0.030 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 88 Resp: 59611

Ion	Ratio	Lower	Upper
88	100		
58	67.3	55.8	83.8
43	27.5	22.7	34.1





#3
Pyridine
Concen: 37.266 ng
RT: 3.375 min Scan# 2
Delta R.T. -0.030 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

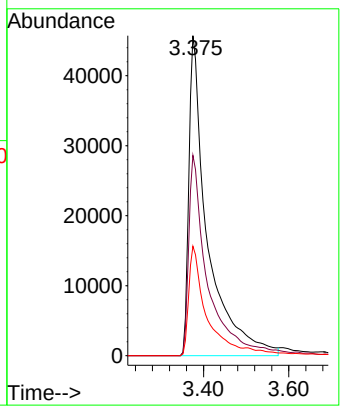
Tgt Ion: 79 Resp: 13805

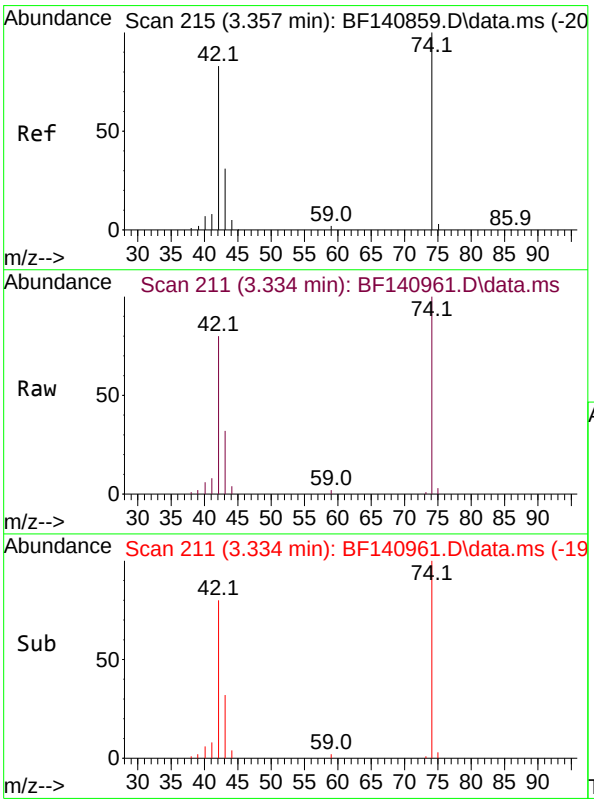
Ion	Ratio	Lower	Upper
79	100		
52	62.6	51.7	77.5
51	34.2	28.2	42.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

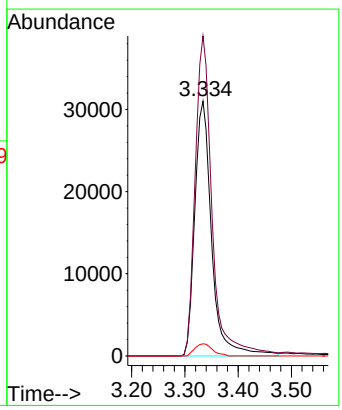


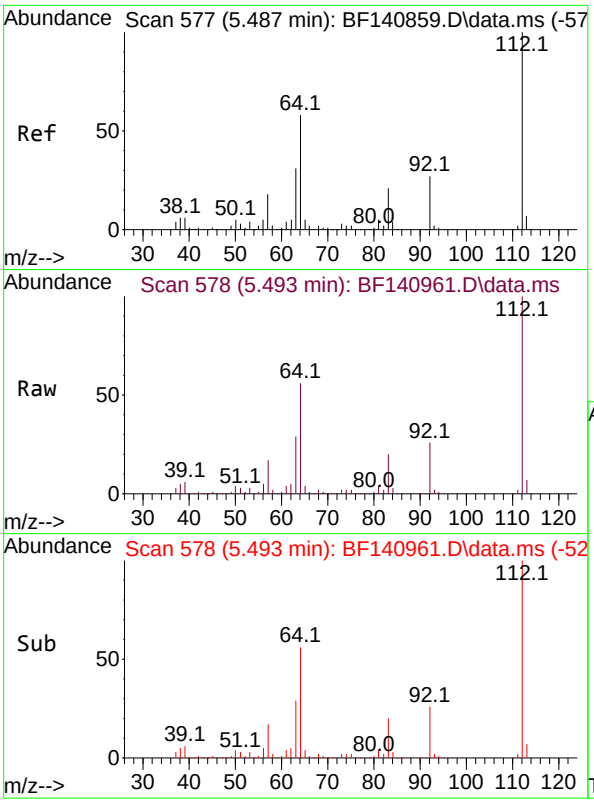


#4
n-Nitrosodimethylamine
Concen: 36.546 ng
RT: 3.334 min Scan# 211
Delta R.T. -0.024 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 42 Resp: 68250

Ion	Ratio	Lower	Upper
42	100		
74	125.6	96.9	145.3
44	4.8	4.4	6.6





#5
2-Fluorophenol
Concen: 83.614 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:112 Resp: 310519

Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.1	69.1
63	29.5	24.9	37.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 12/24/2024
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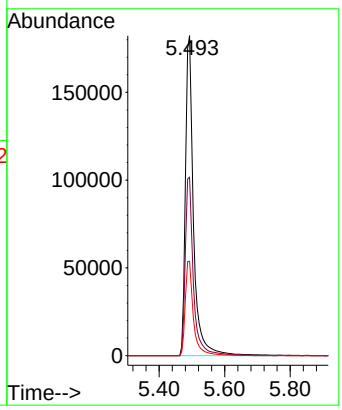
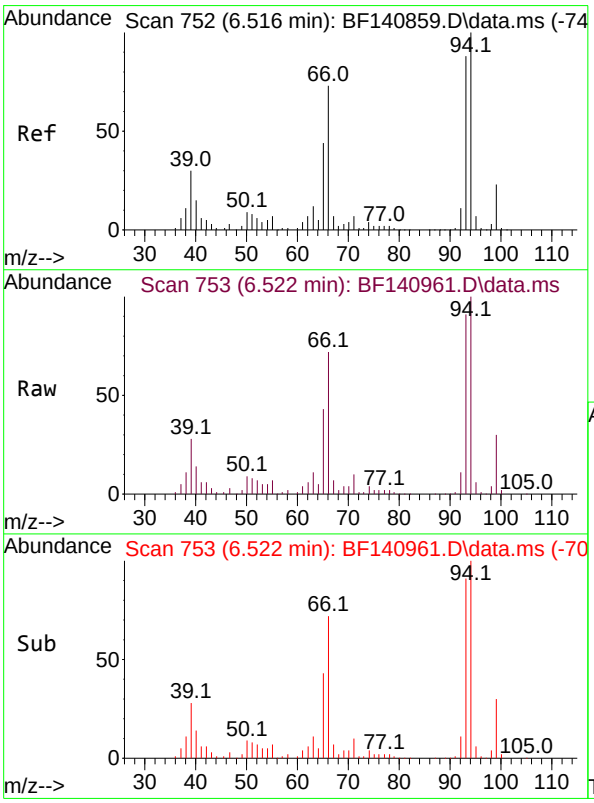
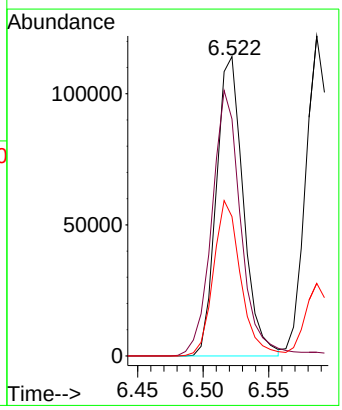


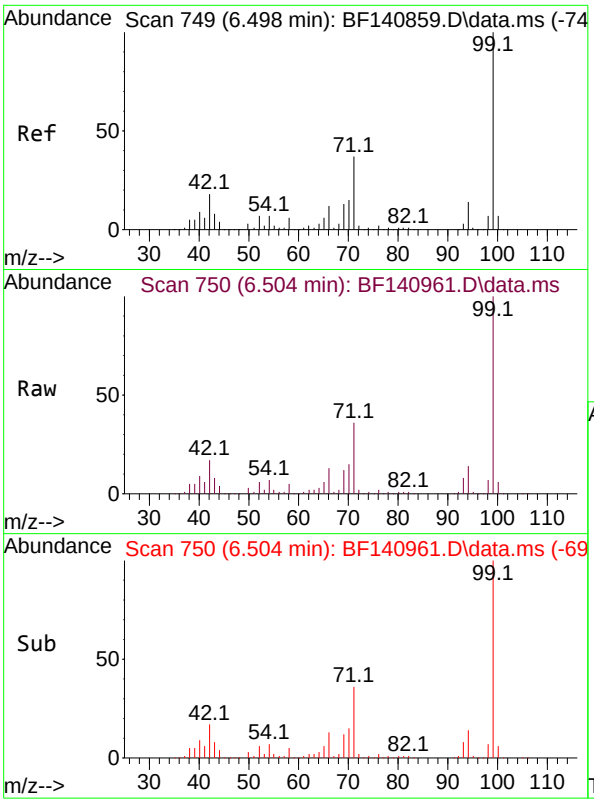


#6
Aniline
Concen: 38.717 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 93 Resp: 162833

Ion	Ratio	Lower	Upper
93	100		
66	79.2	67.0	100.4
65	46.6	40.4	60.6





#7
Phenol-d6
Concen: 79.989 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 99 Resp: 39345

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.3	21.5
71	35.8	29.9	44.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

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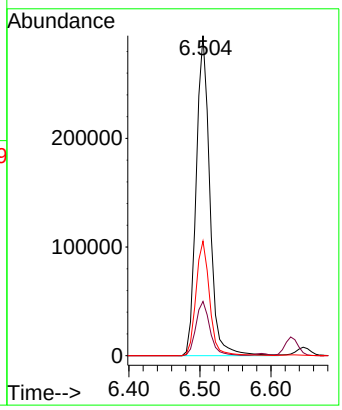
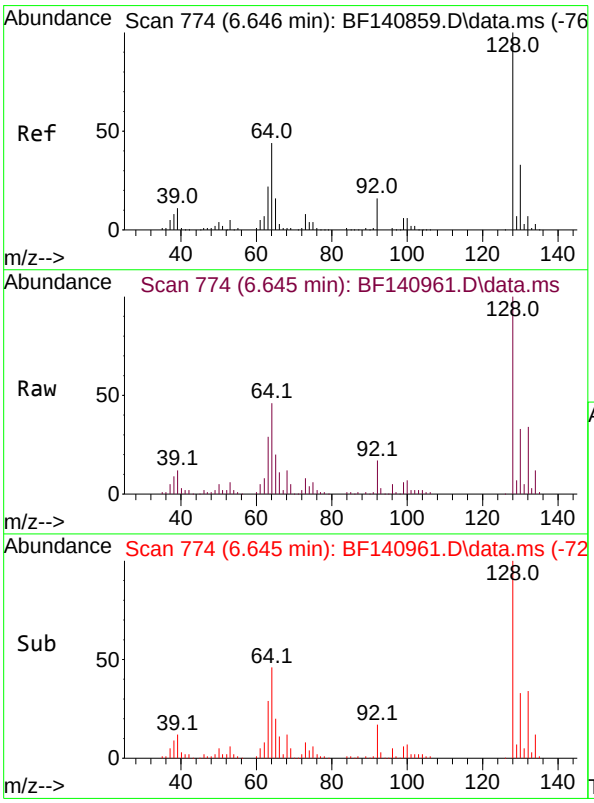
Supervised By :mohammad ahmed 12/24/2024

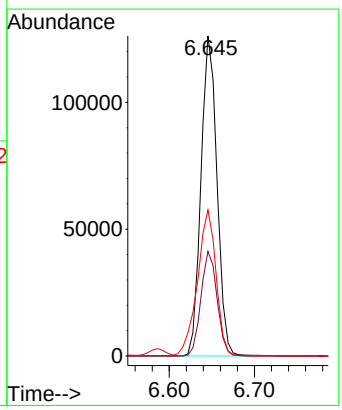


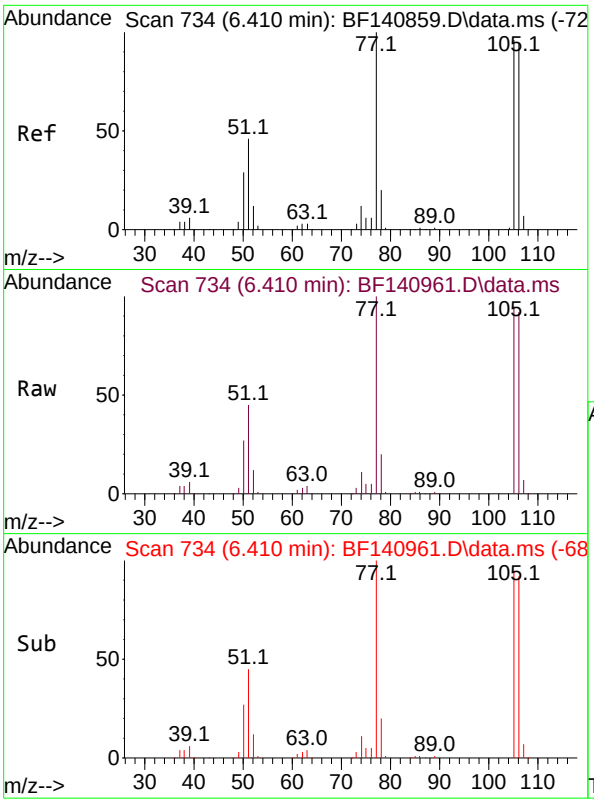


#8
2-Chlorophenol
Concen: 40.638 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:128 Resp: 164578

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	45.6	24.3	64.3





#9
Benzaldehyde
Concen: 35.296 ng
RT: 6.410 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 77 Resp: 9619

Ion	Ratio	Lower	Upper
77	100		
105	94.9	75.8	115.8
106	91.9	74.1	114.1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

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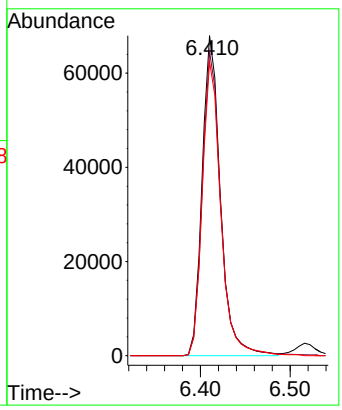
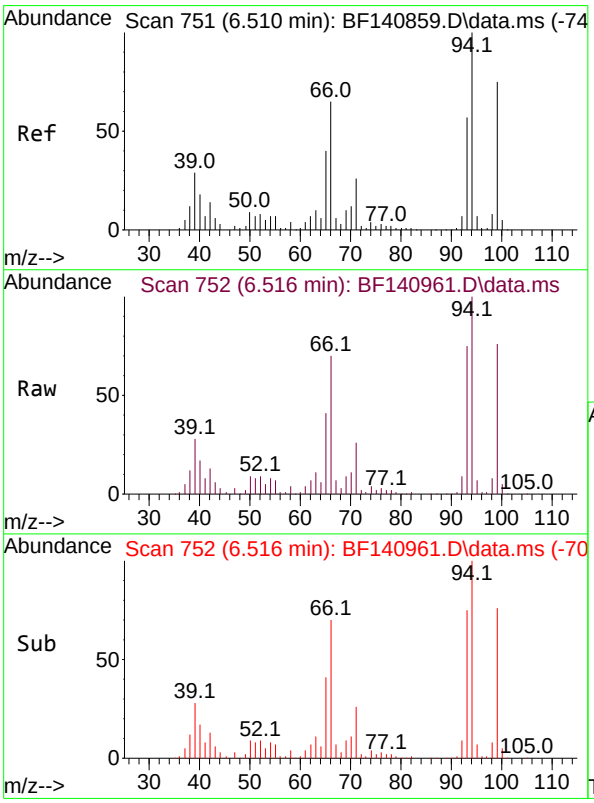
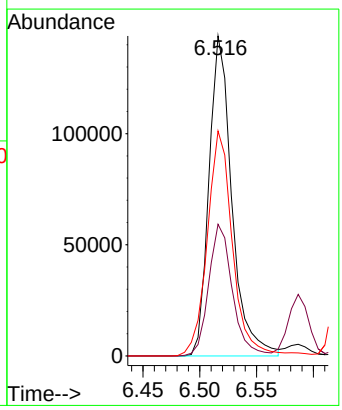


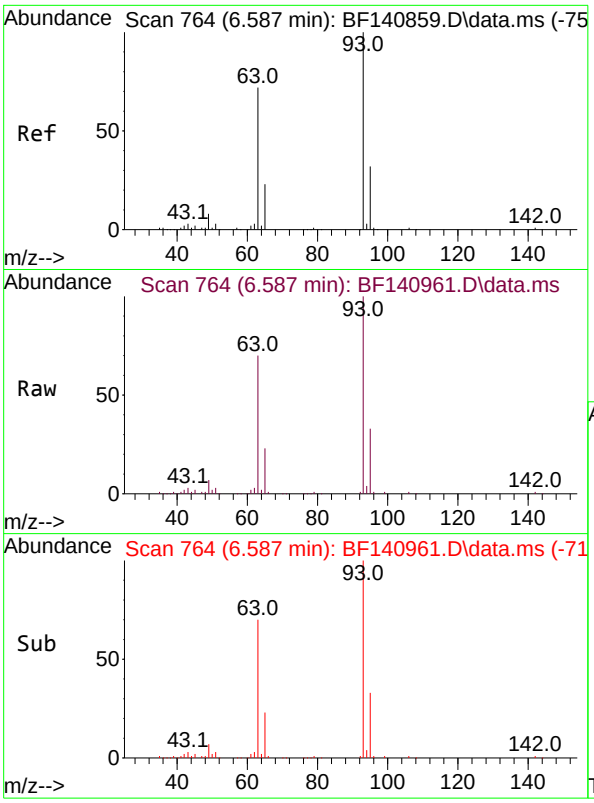


#10
Phenol
Concen: 39.625 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 94 Resp: 202012

Ion	Ratio	Lower	Upper
94	100		
65	41.2	19.9	59.9
66	70.3	45.6	85.6





#11
bis(2-Chloroethyl)ether
Concen: 40.682 ng
RT: 6.587 min Scan# 7(
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

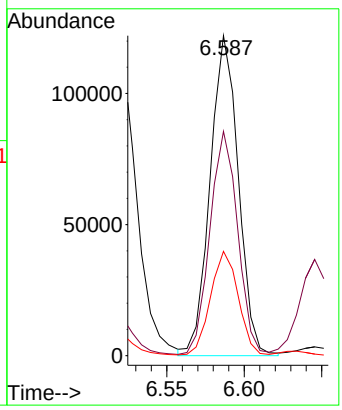
Tgt Ion: 93 Resp: 15467:

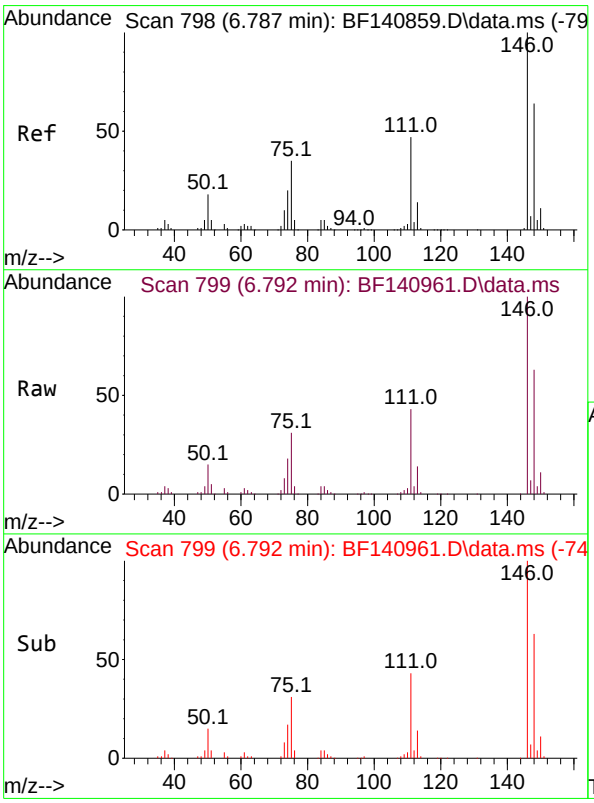
Ion	Ratio	Lower	Upper
93	100		
63	70.1	51.0	91.0
95	32.6	12.0	52.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

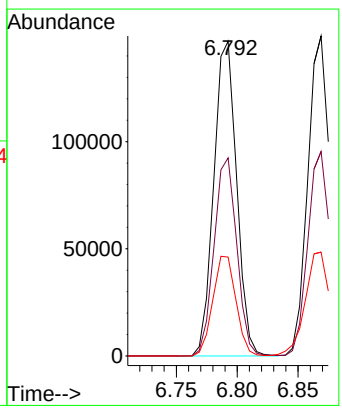


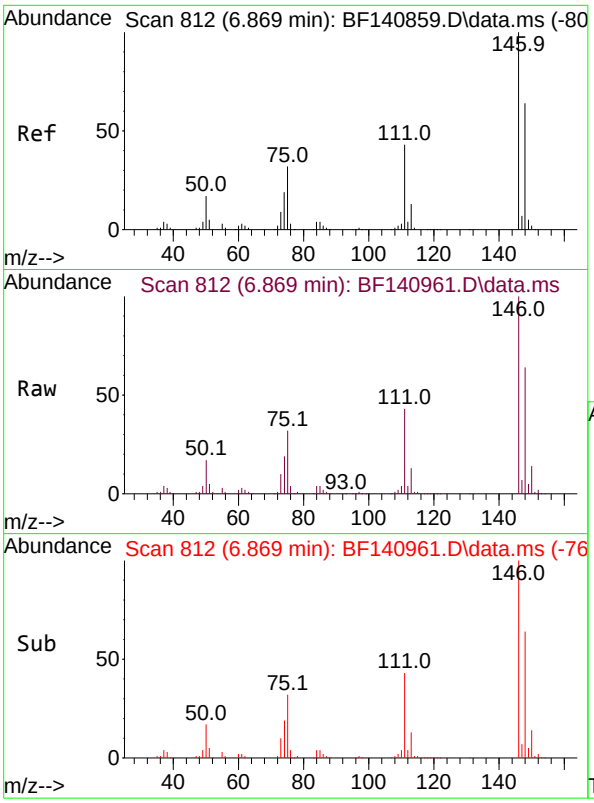


#12
1,3-Dichlorobenzene
Concen: 41.546 ng
RT: 6.792 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:146 Resp: 191724

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.6
75	31.5	28.1	42.1





#13
1,4-Dichlorobenzene
Concen: 40.980 ng
RT: 6.869 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:146 Resp: 19195

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.3	76.9
111	43.0	34.4	51.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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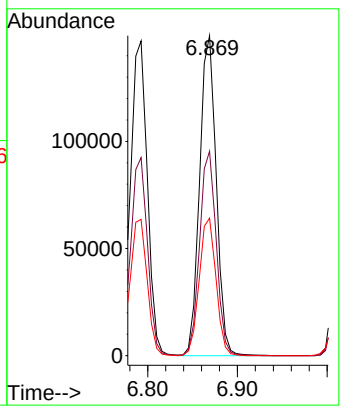
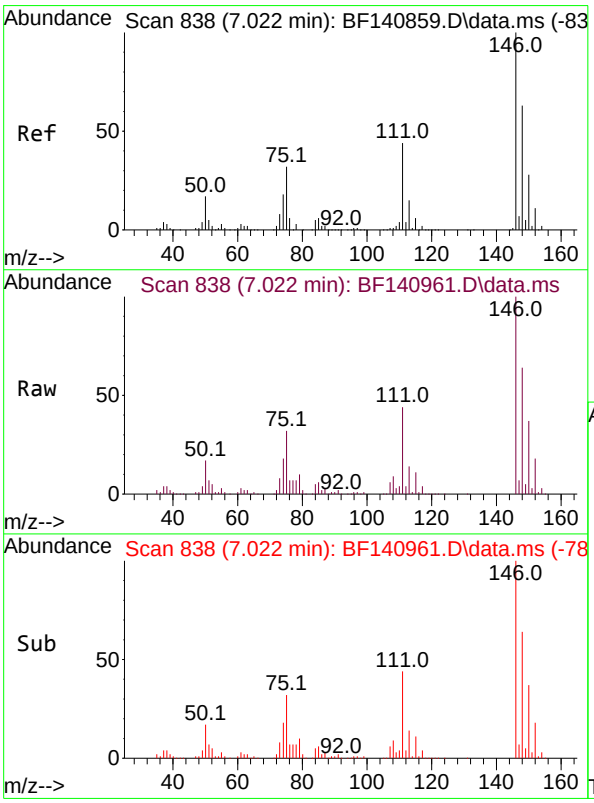
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

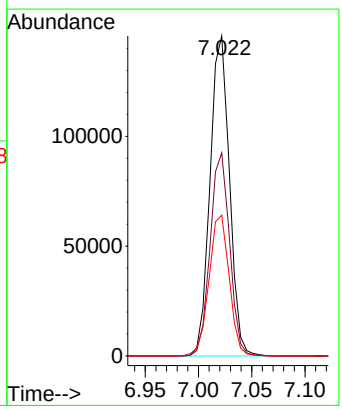


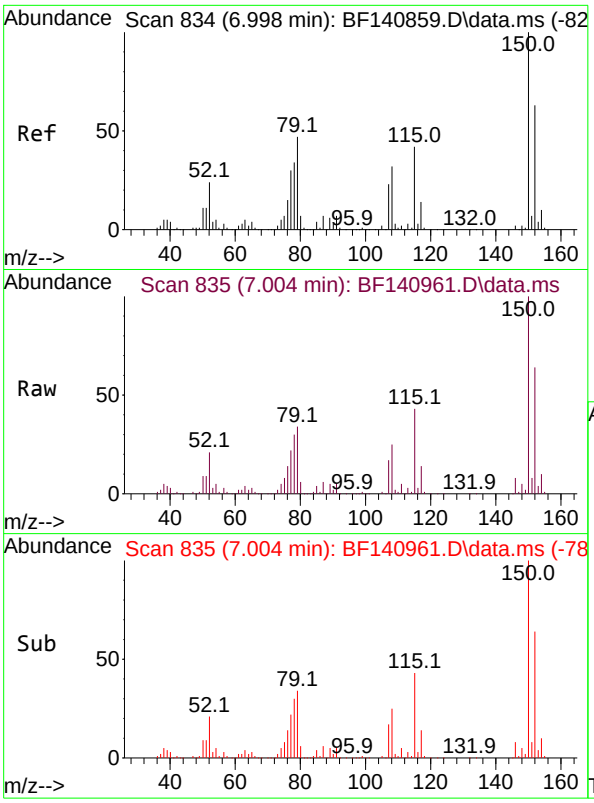


#14
1,2-Dichlorobenzene
Concen: 41.690 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:146 Resp: 184256

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.0	75.0
111	44.0	35.6	53.4





#15
Benzyl Alcohol
Concen: 39.822 ng
RT: 7.004 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 79 Resp: 14005

Ion	Ratio	Lower	Upper
79	100		
108	73.1	55.1	82.7
77	63.2	50.6	76.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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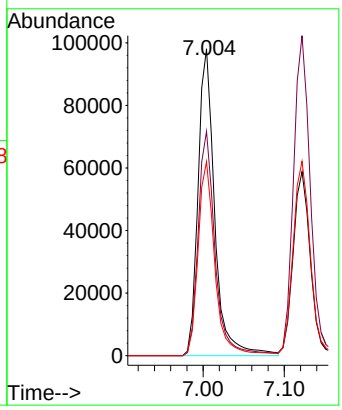
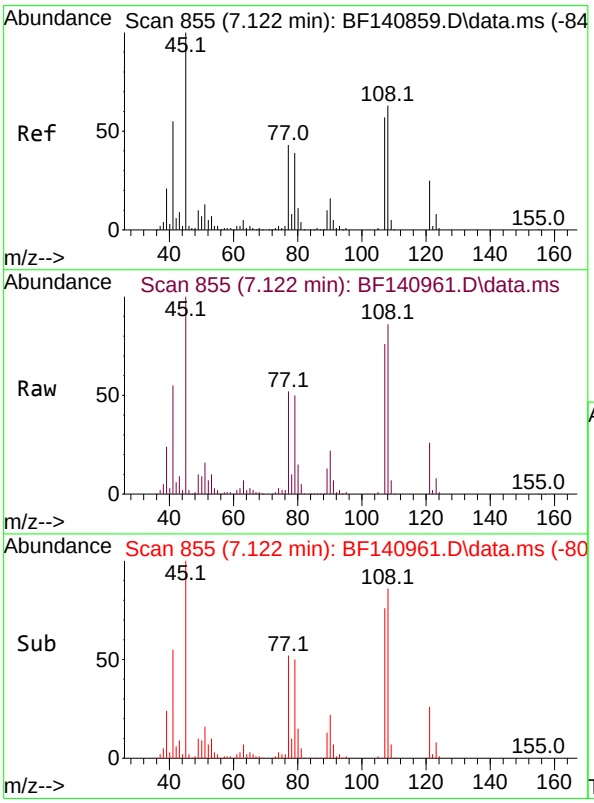
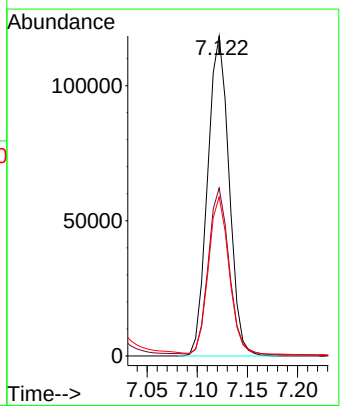


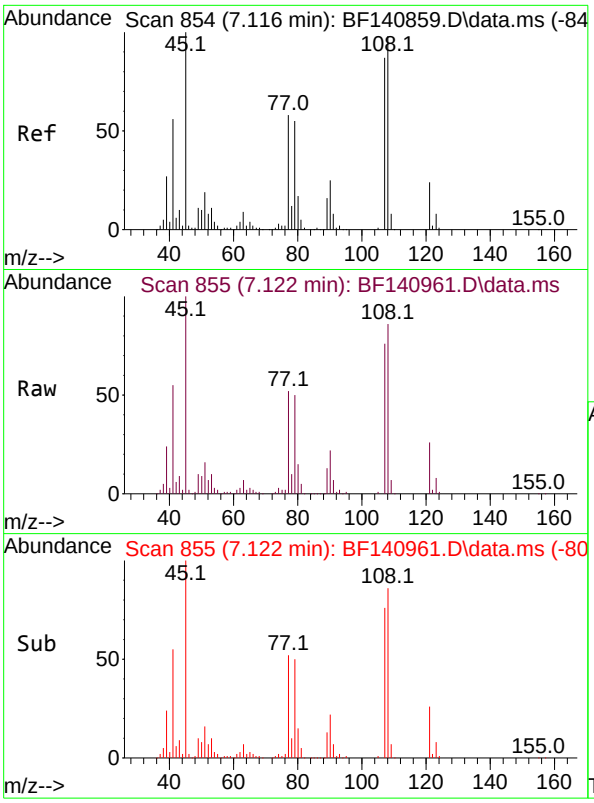


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.371 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 45 Resp: 176332

Ion	Ratio	Lower	Upper
45	100		
77	52.5	23.3	63.3
79	49.7	20.0	60.0





#17
2-Methylphenol
Concen: 39.908 ng
RT: 7.122 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:107 Resp: 12903

Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.2	135.4
77	69.1	53.8	80.6
79	65.4	50.9	76.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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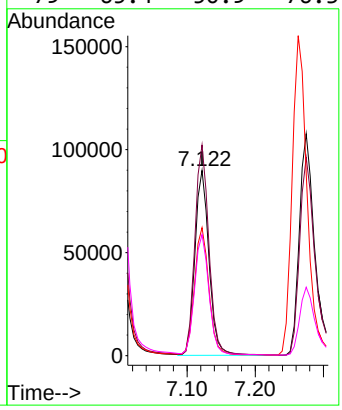
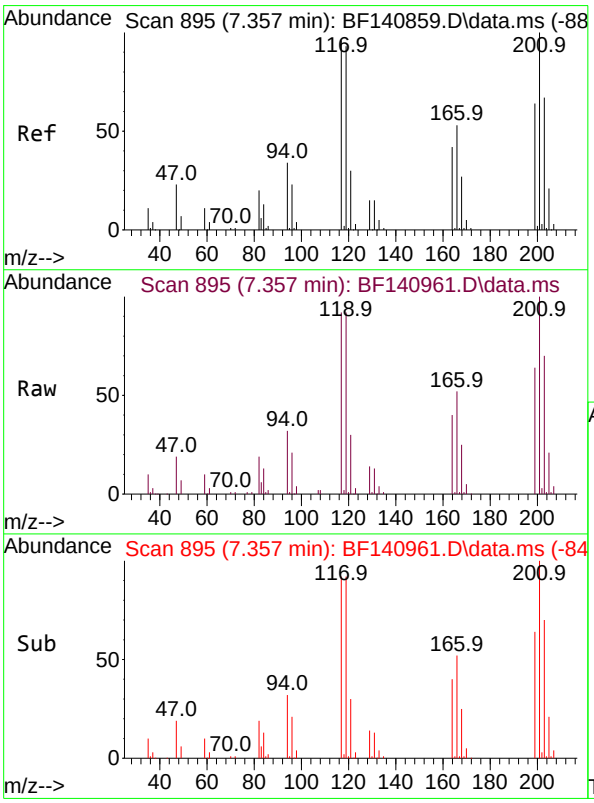
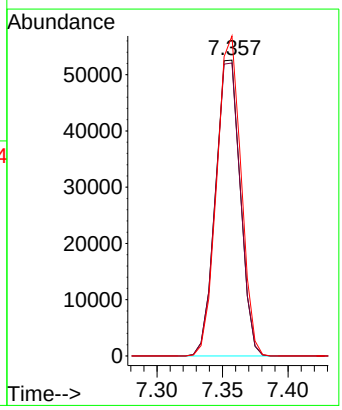


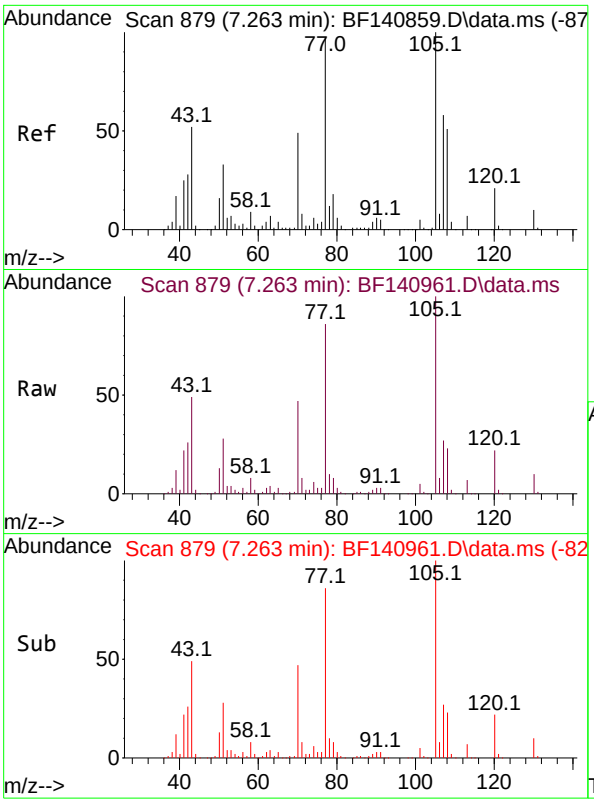


#18
Hexachloroethane
Concen: 39.498 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:117 Resp: 68878

Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.4	116.0
201	108.1	83.4	125.0





#19
n-Nitroso-di-n-propylamine
Concen: 38.454 ng
RT: 7.263 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 11346

Ion	Ratio	Lower	Upper
70	100		
42	56.2	45.3	67.9
101	10.2	8.0	12.0
130	21.7	16.9	25.3

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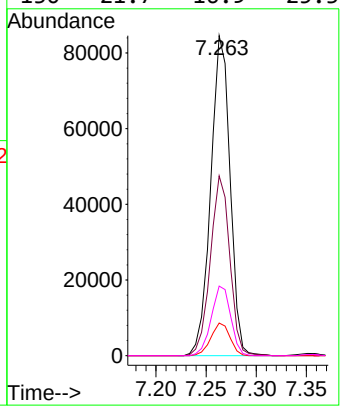
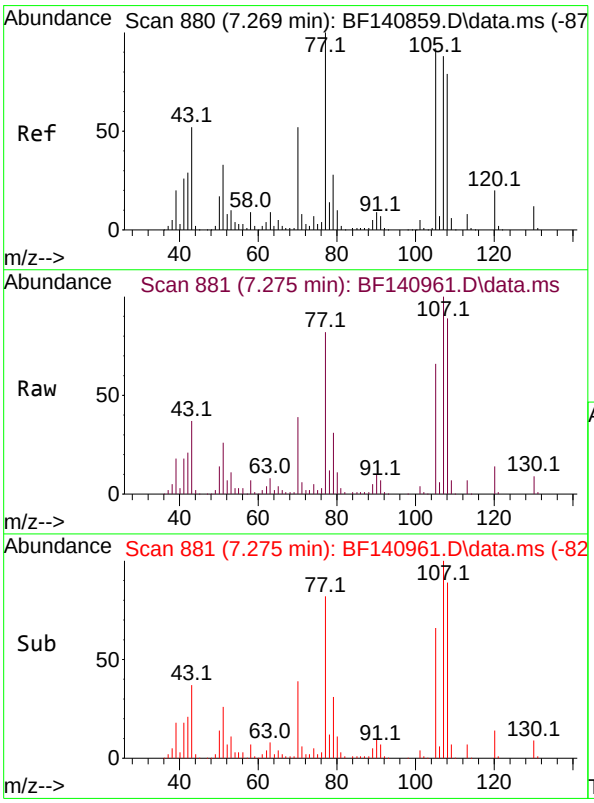
Supervised By :mohammad ahmed 12/24/2024

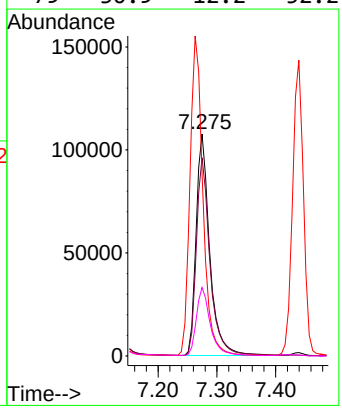


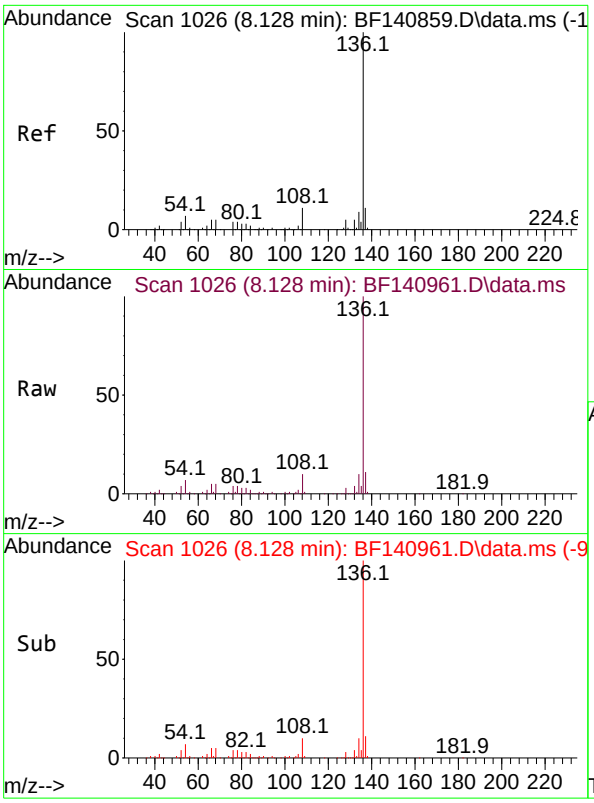


#20
3+4-Methylphenols
Concen: 40.426 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:107 Resp: 173324

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.1	110.1
77	82.3	94.4	134.4#
79	30.9	12.2	52.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:136 Resp: 21950(

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.6	5.6	8.4
68	5.2	4.2	6.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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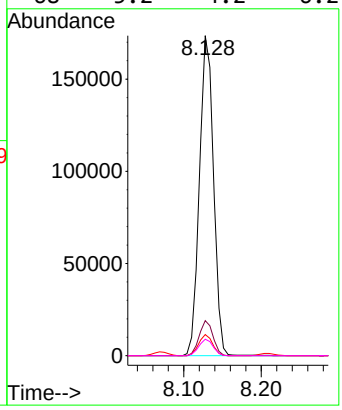
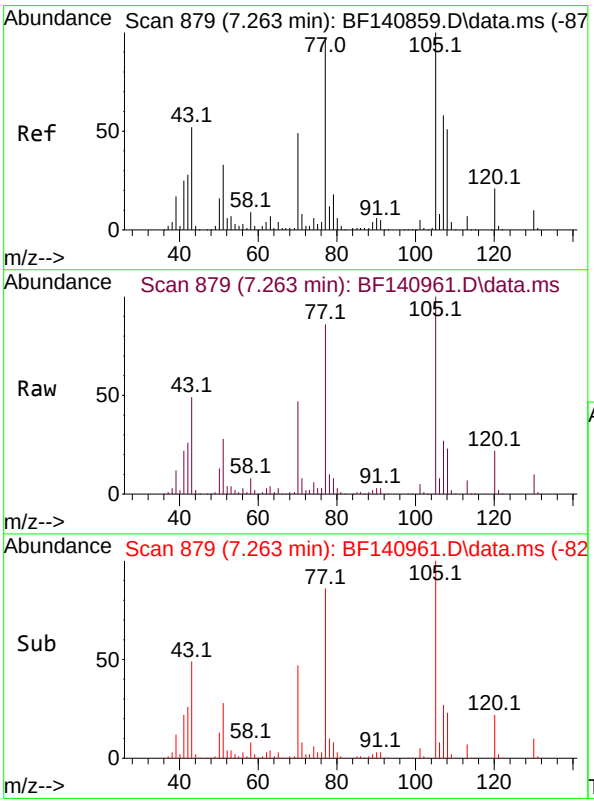
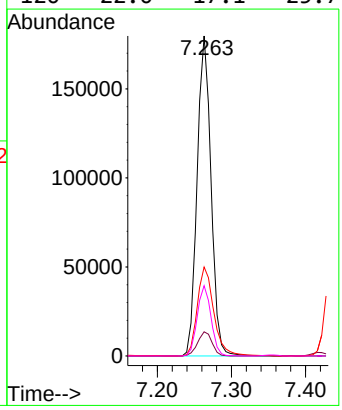


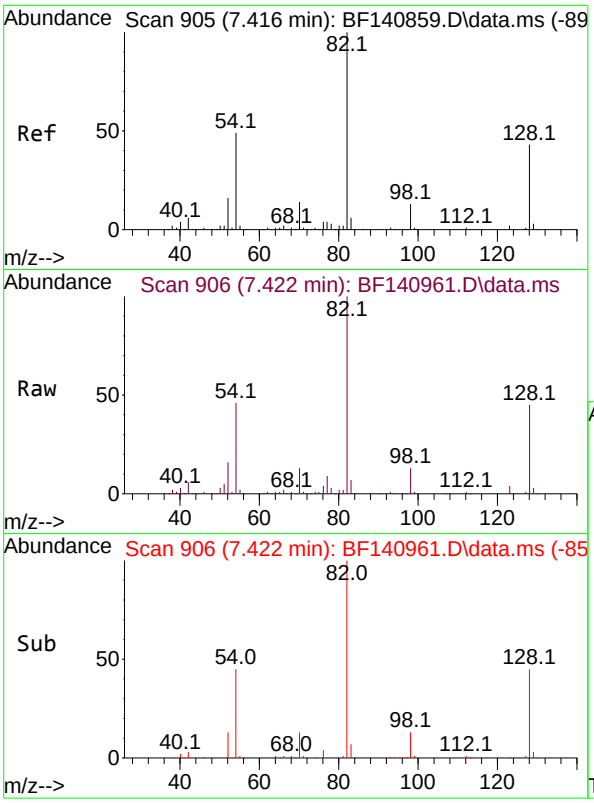


#22
Acetophenone
Concen: 42.548 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:105 Resp: 233626

Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.2	9.4
51	27.8	26.3	39.5
120	22.0	17.1	25.7





#23
Nitrobenzene-d5
Concen: 82.270 ng
RT: 7.422 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 82 Resp: 36094

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.4	51.6
54	46.1	38.8	58.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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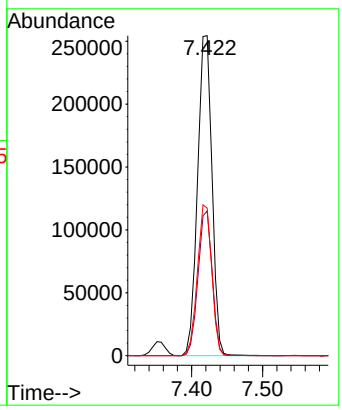
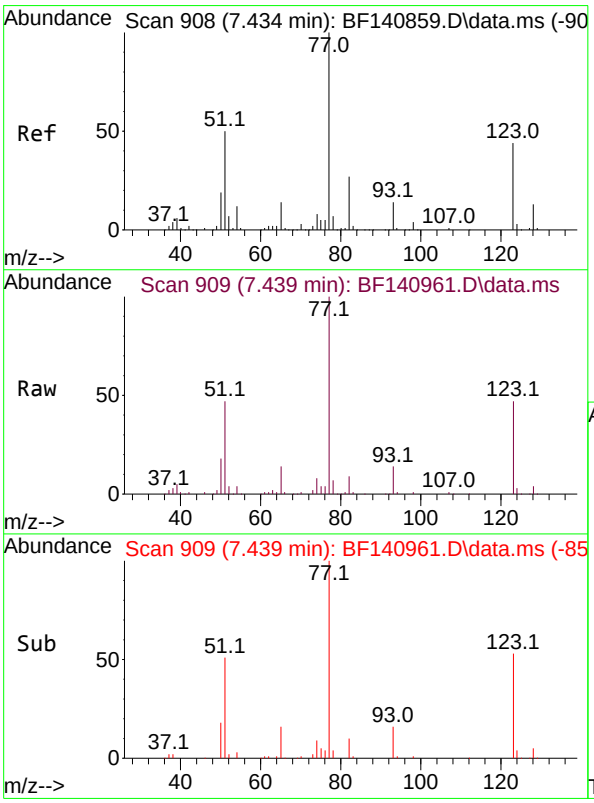
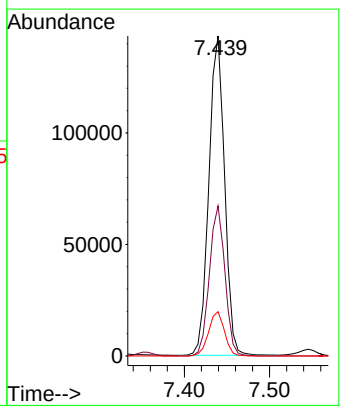


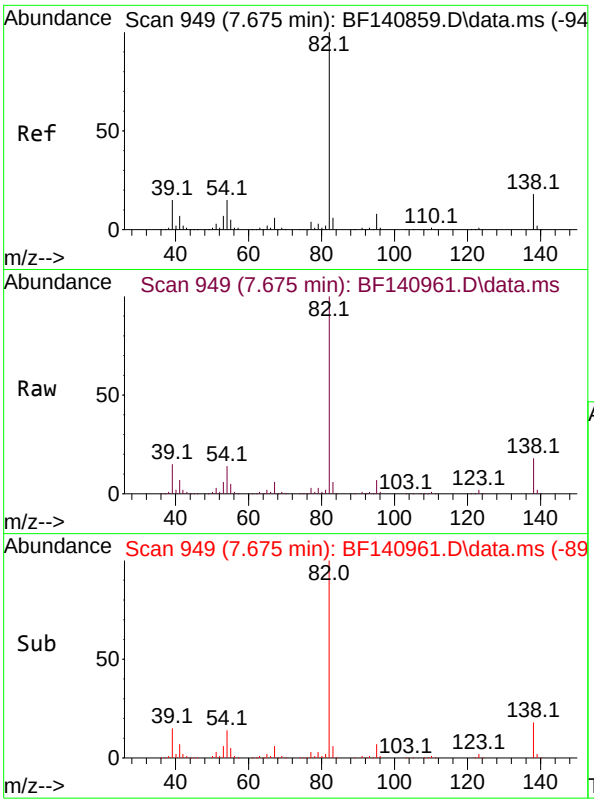


#24
Nitrobenzene
Concen: 40.811 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 77 Resp: 183431

Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.0	52.4
65	13.9	11.4	17.0





#25
Isophorone
Concen: 41.003 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 82 Resp: 30141

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.3	9.5
138	18.3	14.1	21.1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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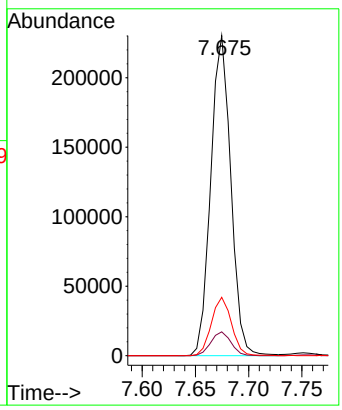
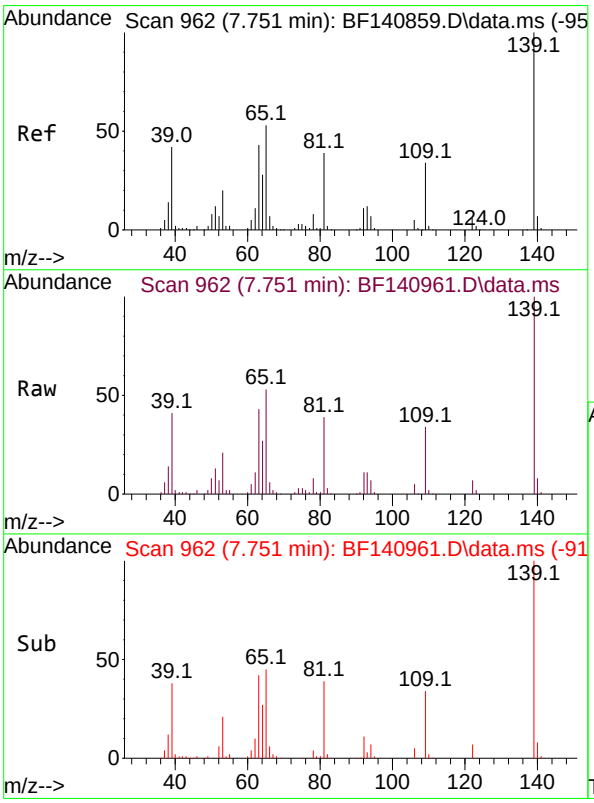
Supervised By :mohammad ahmed 12/24/2024

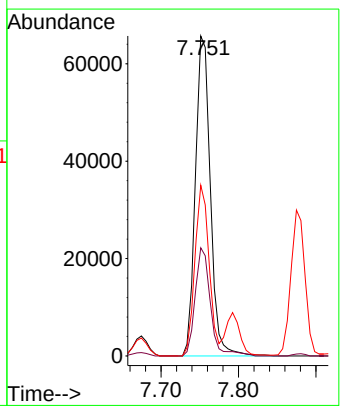


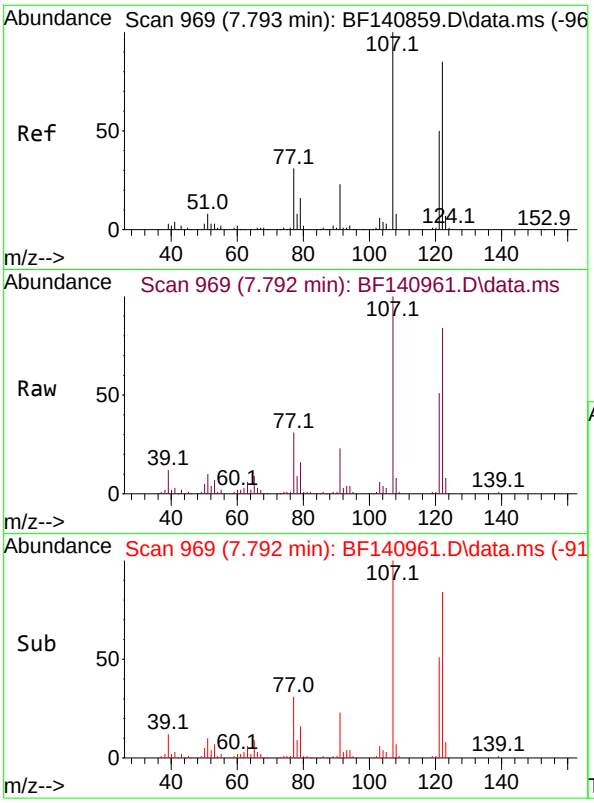


#26
2-Nitrophenol
Concen: 42.656 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:139 Resp: 88301

Ion	Ratio	Lower	Upper
139	100		
109	33.8	26.9	40.3
65	53.3	42.6	64.0





#27
2,4-Dimethylphenol
Concen: 41.709 ng
RT: 7.792 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:122 Resp: 10083

Ion	Ratio	Lower	Upper
122	100		
107	119.1	92.6	139.0
121	60.5	45.8	68.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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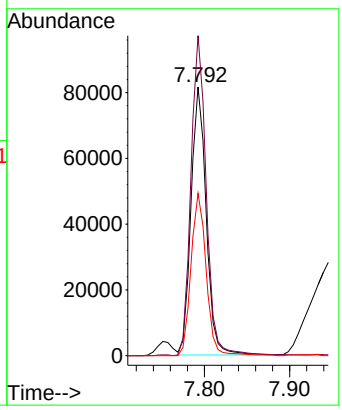
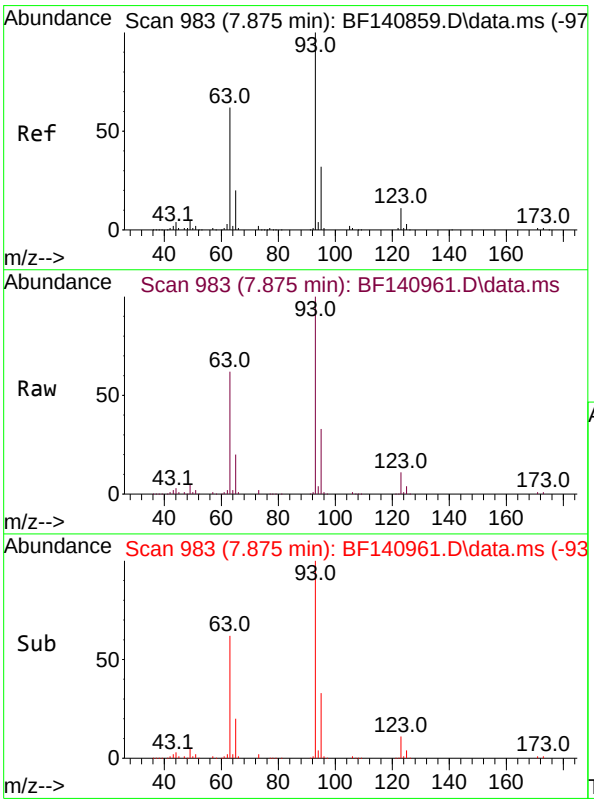
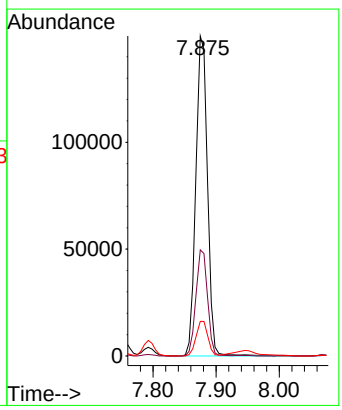


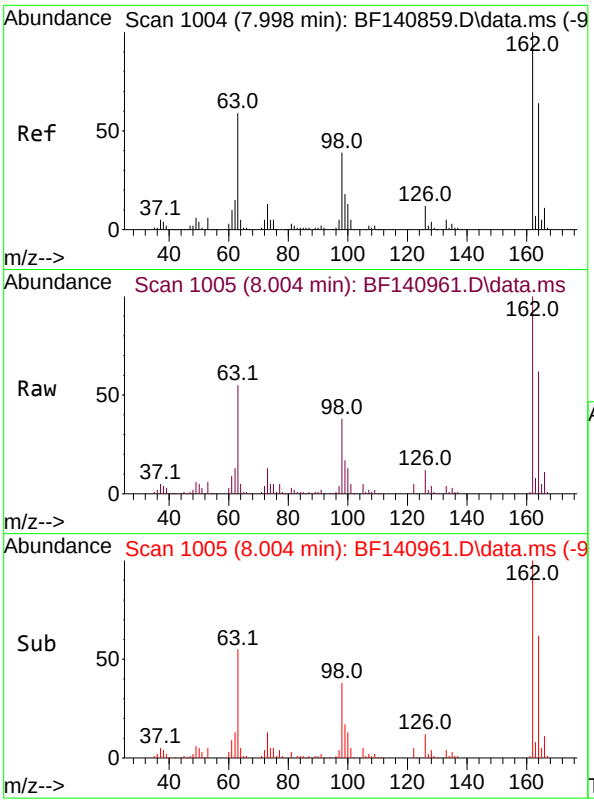


#28
bis(2-Chloroethoxy)methane
Concen: 41.726 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 93 Resp: 191575

Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.3	37.9
123	10.8	8.6	13.0





#29
2,4-Dichlorophenol
Concen: 42.771 ng
RT: 8.004 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:162 Resp: 14275

Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.7	83.7
98	37.5	18.6	58.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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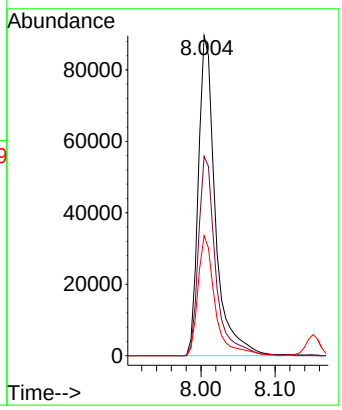
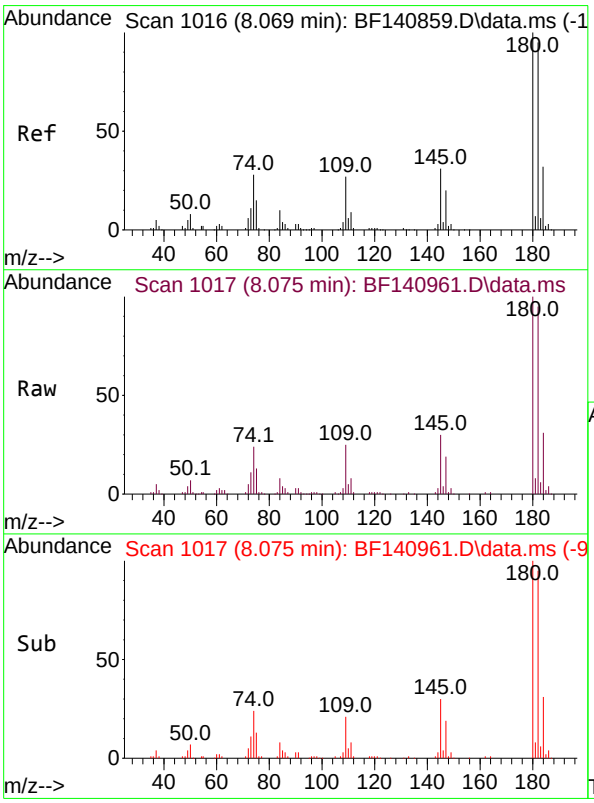
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

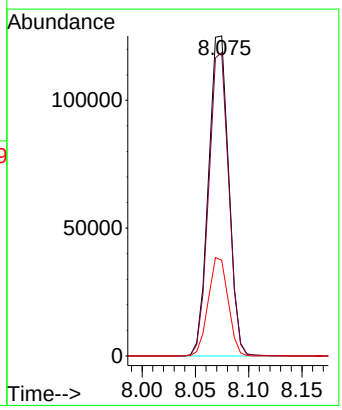


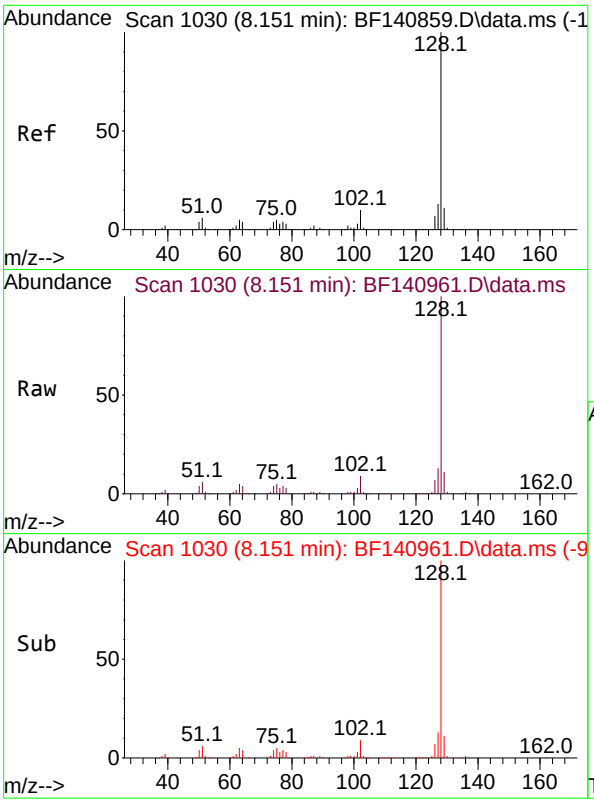


#30
1,2,4-Trichlorobenzene
Concen: 43.138 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:180 Resp: 165052

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	29.9	25.2	37.8





#31
Naphthalene
Concen: 41.875 ng
RT: 8.151 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:128 Resp: 50490

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.4	10.6	16.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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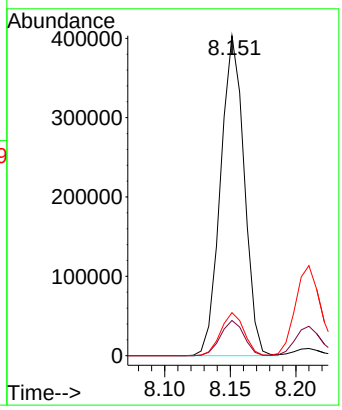
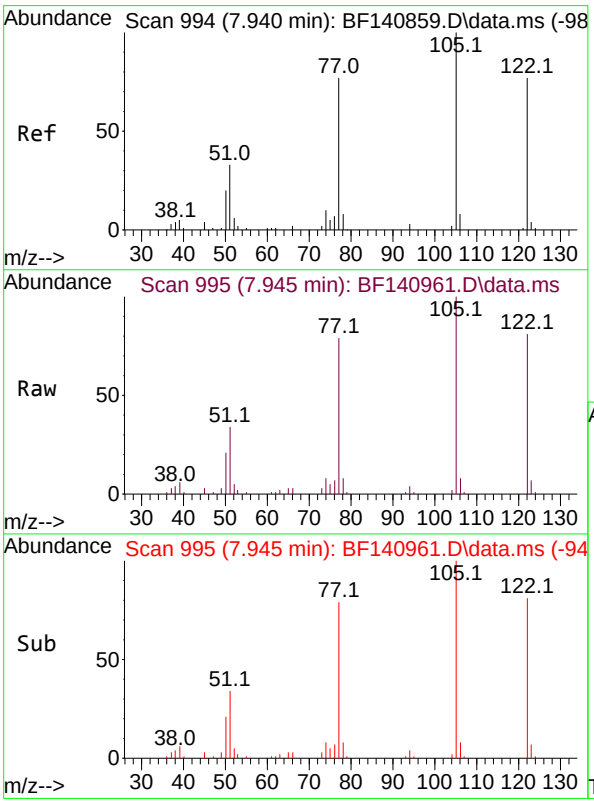
Supervised By :mohammad ahmed 12/24/2024

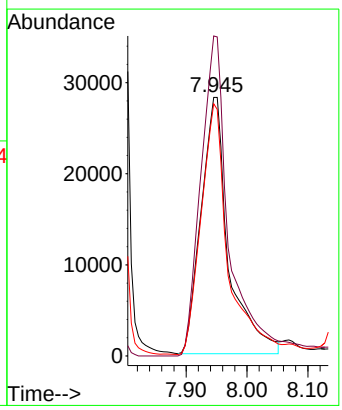


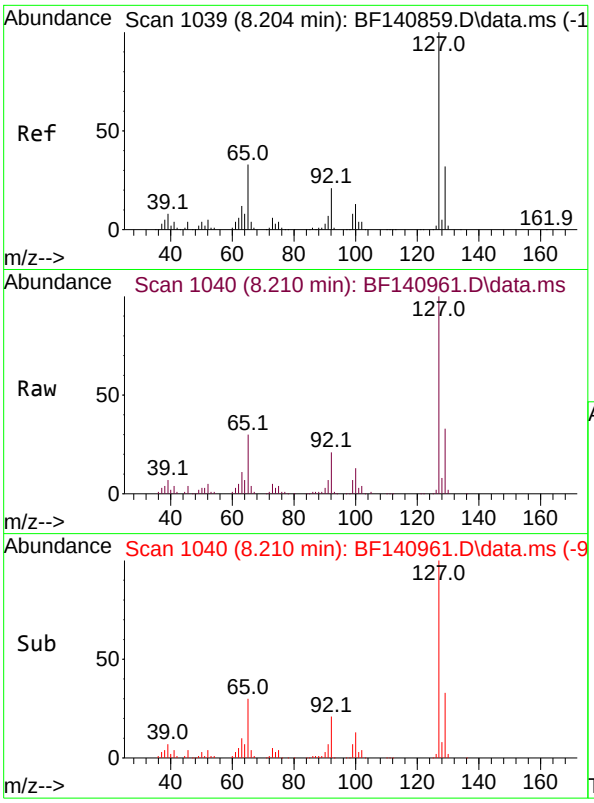


#32
Benzoic acid
Concen: 38.690 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.005 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:122 Resp: 88707

Ion	Ratio	Lower	Upper
122	100		
105	123.8	108.3	148.3
77	97.5	78.8	118.8





#33
4-Chloroaniline
Concen: 40.690 ng
RT: 8.210 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:127 Resp: 16294

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	30.2	26.0	39.0
92	20.6	16.7	25.1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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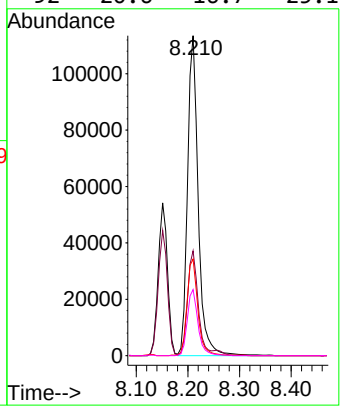
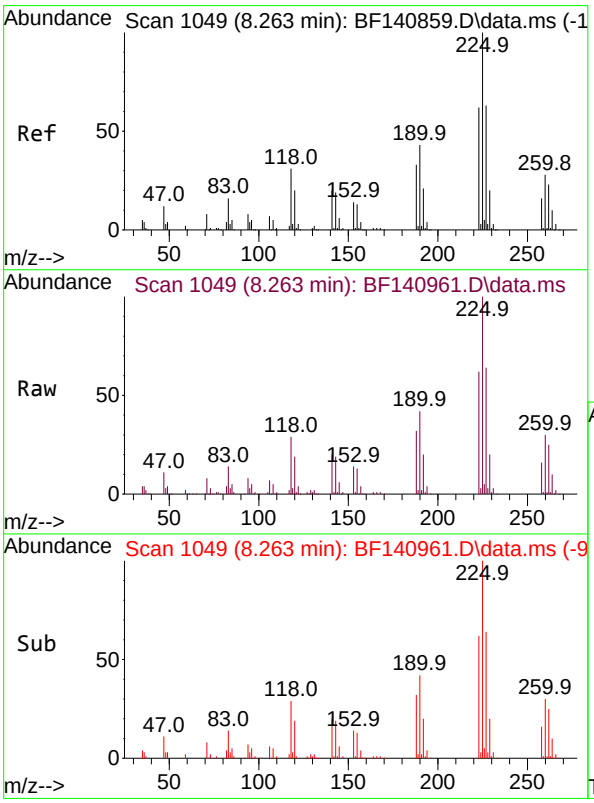
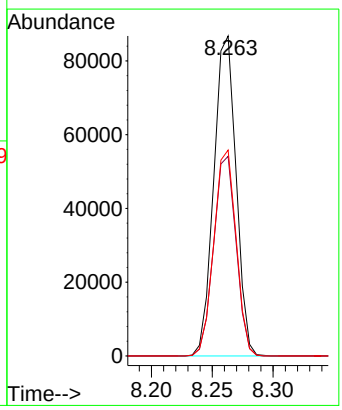


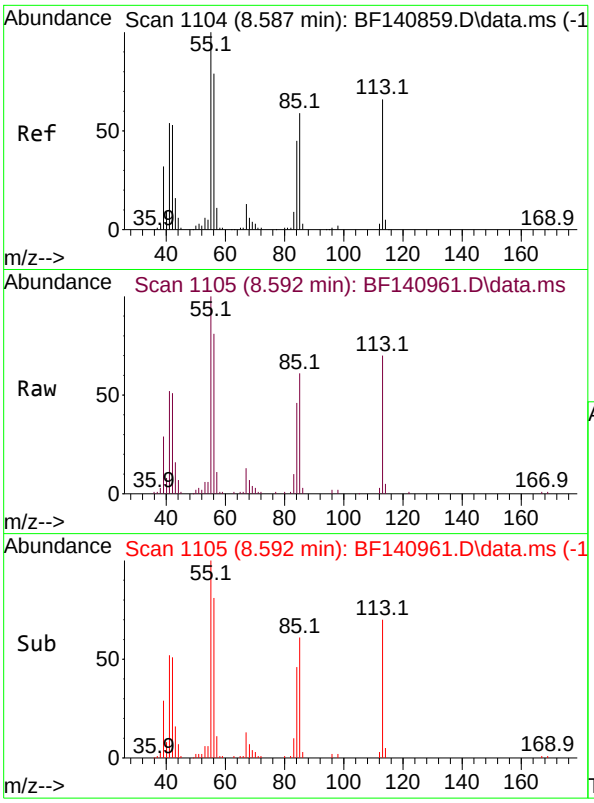


#34
Hexachlorobutadiene
Concen: 42.974 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:225 Resp: 110624

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.6	74.4
227	64.4	50.7	76.1





#35
Caprolactam
Concen: 38.383 ng
RT: 8.592 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:113 Resp: 3813

Ion	Ratio	Lower	Upper
113	100		
55	143.3	132.3	172.3
56	115.4	100.3	140.3

Instrument :
BNA_F
ClientSampleId :
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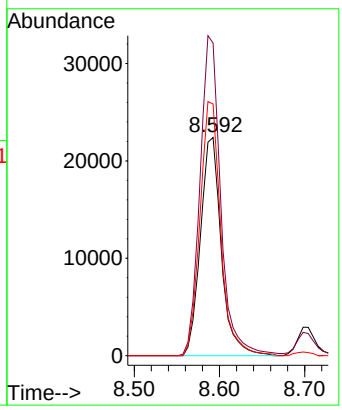
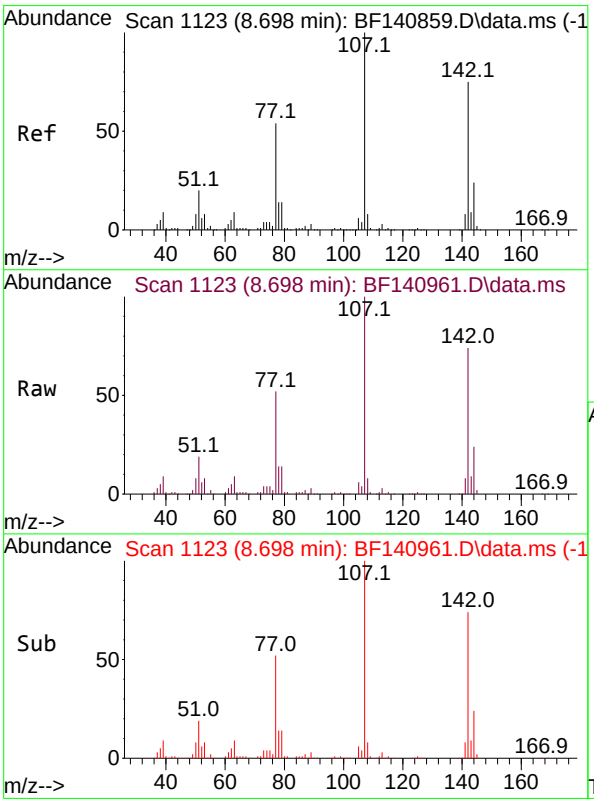
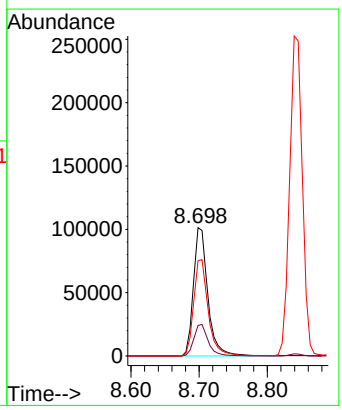


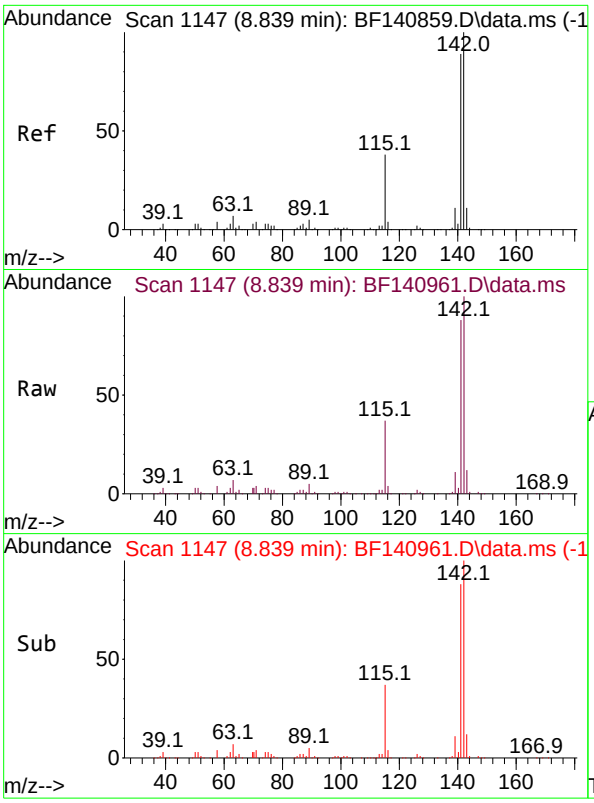


#36
4-Chloro-3-methylphenol
Concen: 39.729 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:107 Resp: 149244

Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.4	29.2
142	74.3	60.3	90.5





#37
2-Methylnaphthalene
Concen: 41.017 ng
RT: 8.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:142 Resp: 32715

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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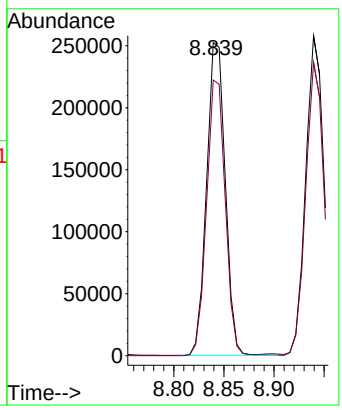
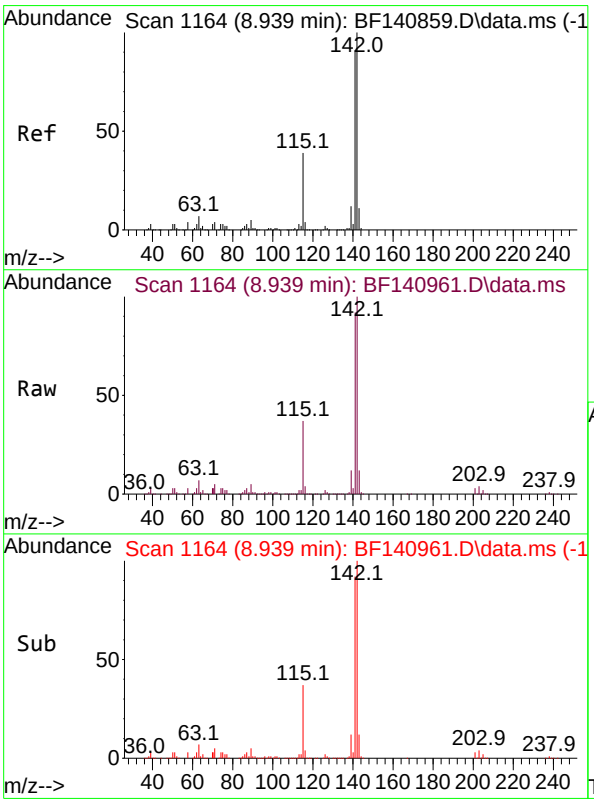
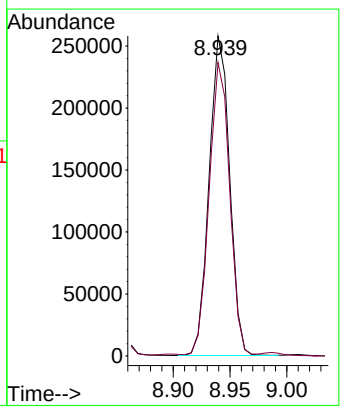


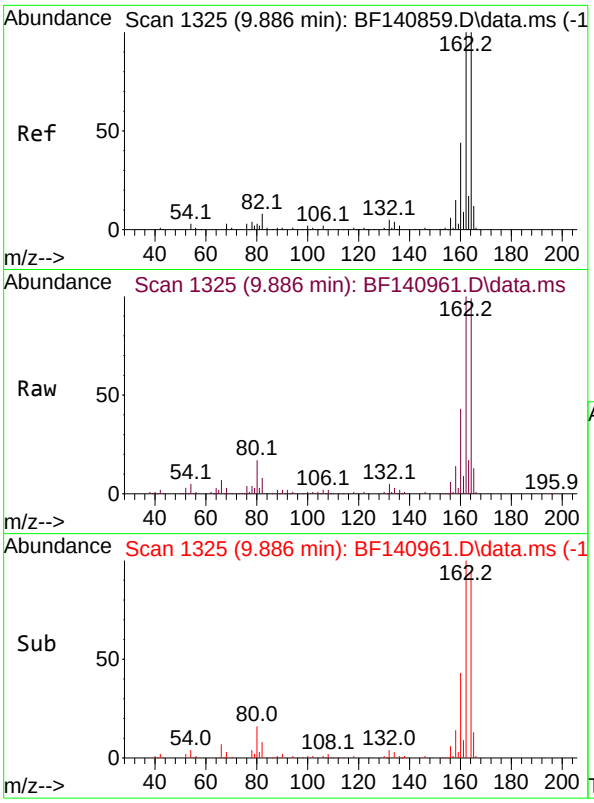


#38
1-Methylnaphthalene
Concen: 41.045 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:142 Resp: 323764

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.4	110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:164 Resp: 12211

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.9	119.9
160	43.3	35.2	52.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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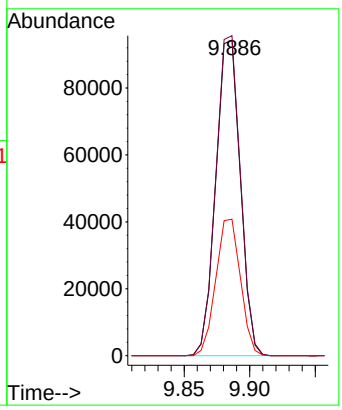
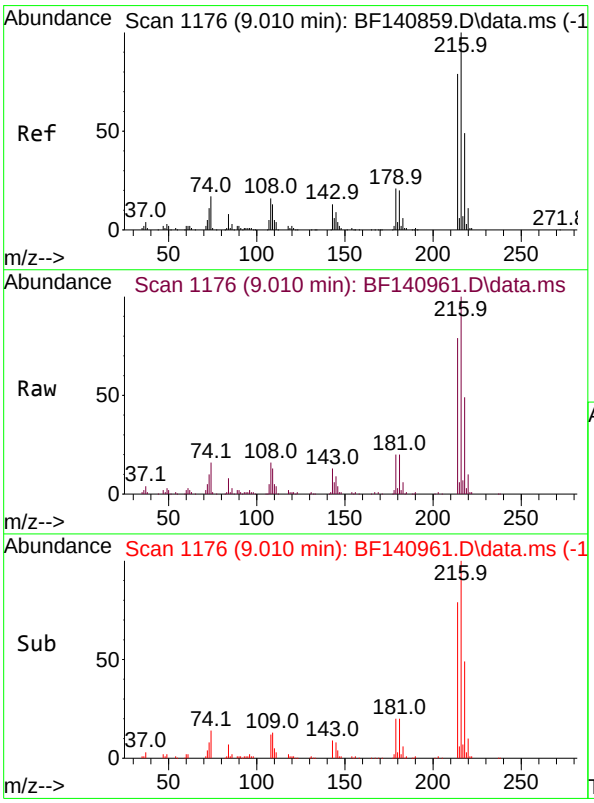
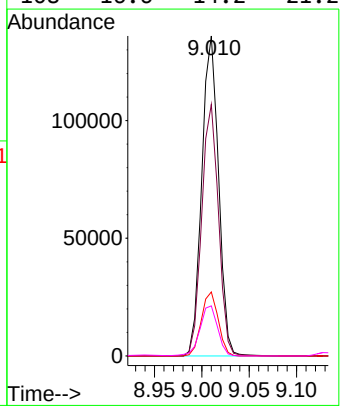


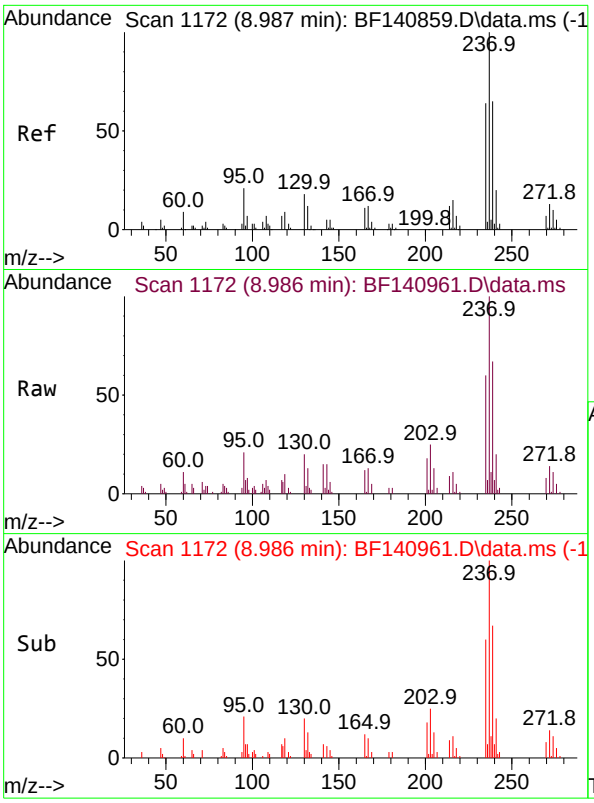


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.518 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:216 Resp: 167089

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.6	95.4
179	20.2	17.0	25.4
108	16.6	14.2	21.2





#41
Hexachlorocyclopentadiene
Concen: 28.993 ng
RT: 8.986 min Scan# 1
Delta R.T. -0.001 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 2209

Ion	Ratio	Lower	Upper
237	100		
235	59.7	43.7	83.7
272	14.3	0.0	32.9

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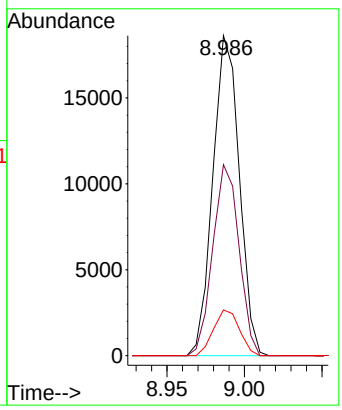
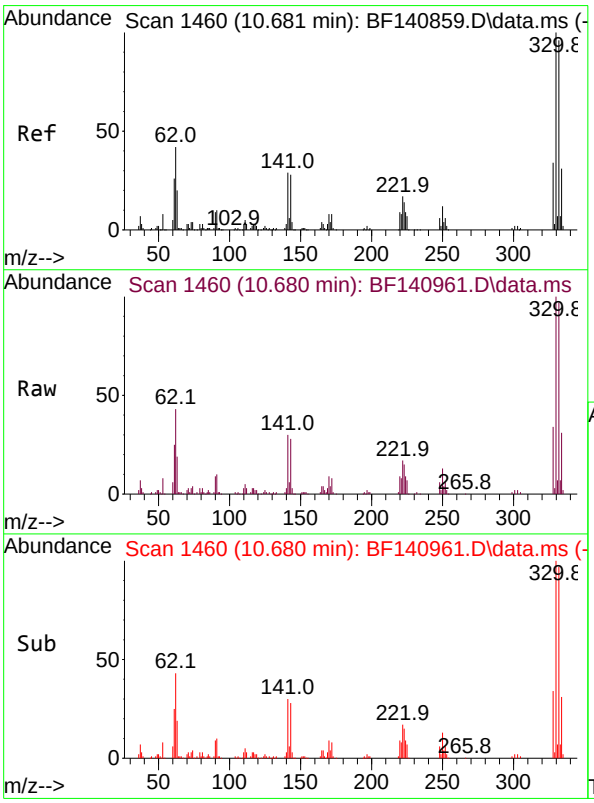
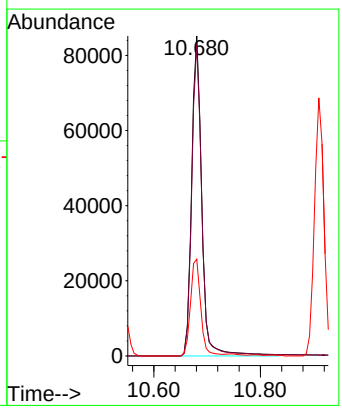


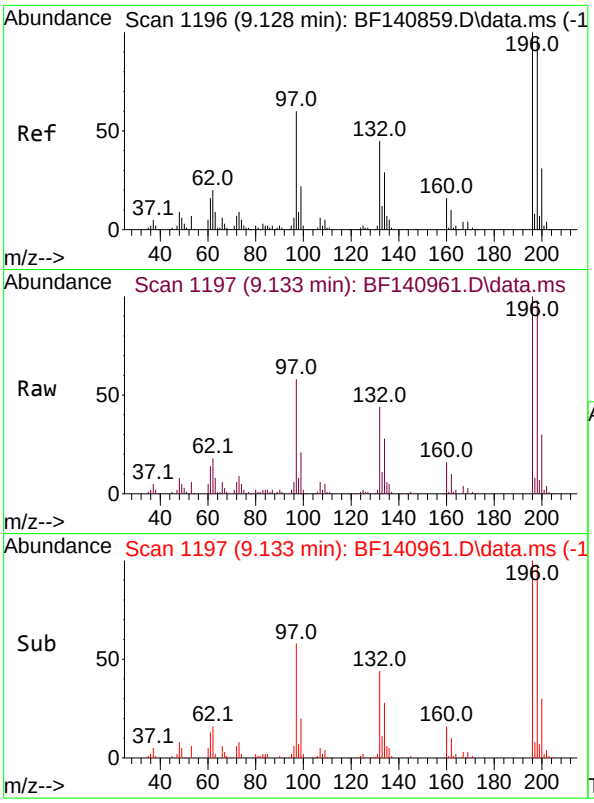


#42
2,4,6-Tribromophenol
Concen: 78.014 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:330 Resp: 112671

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.2	114.4
141	30.5	24.9	37.3





#43
2,4,6-Trichlorophenol
Concen: 41.160 ng
RT: 9.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 9459

Ion	Ratio	Lower	Upper
196	100		
198	98.1	77.4	116.0
200	30.2	24.5	36.7

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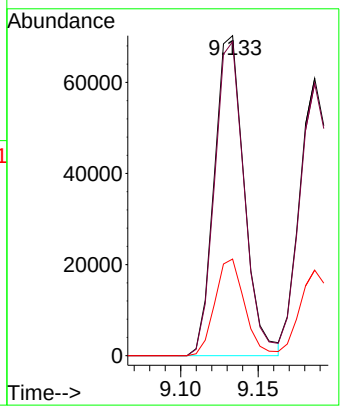
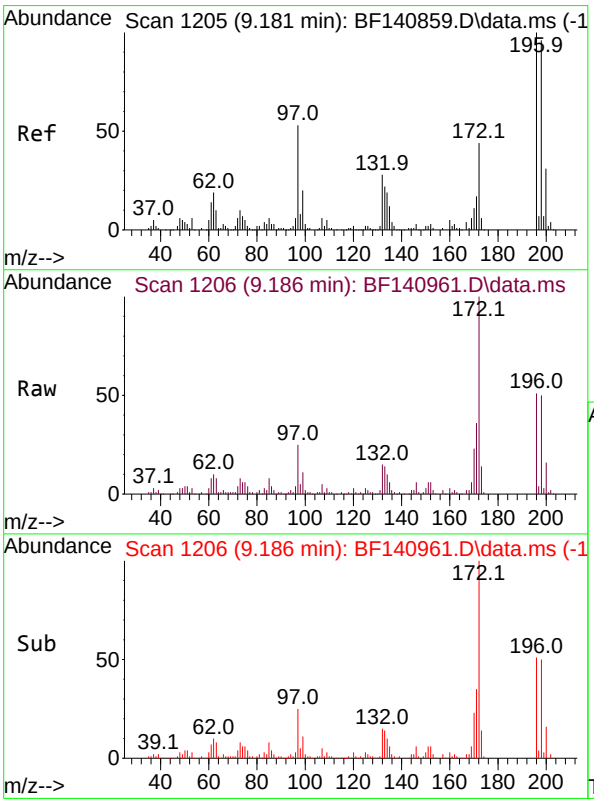
Supervised By :mohammad ahmed 12/24/2024

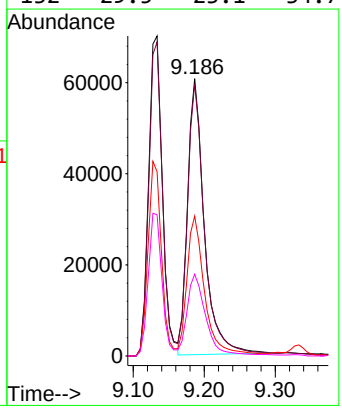


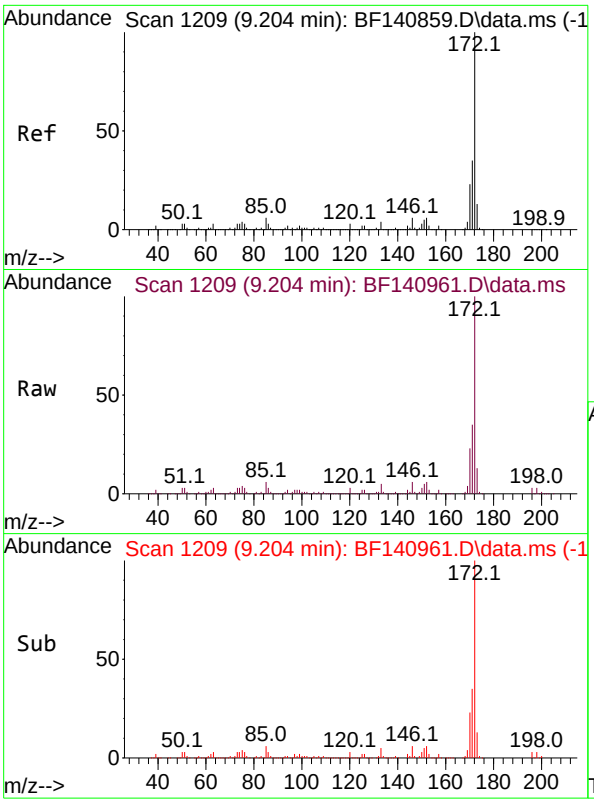


#44
2,4,5-Trichlorophenol
Concen: 39.447 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:196 Resp: 99644

Ion	Ratio	Lower	Upper
196	100		
198	98.2	77.2	115.8
97	50.4	42.2	63.4
132	29.5	23.1	34.7





#45
2-Fluorobiphenyl
Concen: 85.064 ng
RT: 9.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:172 Resp: 75552

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.4	42.6
170	22.9	18.6	28.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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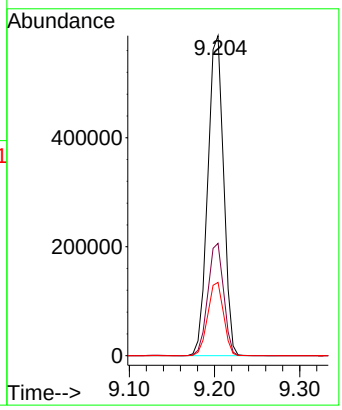
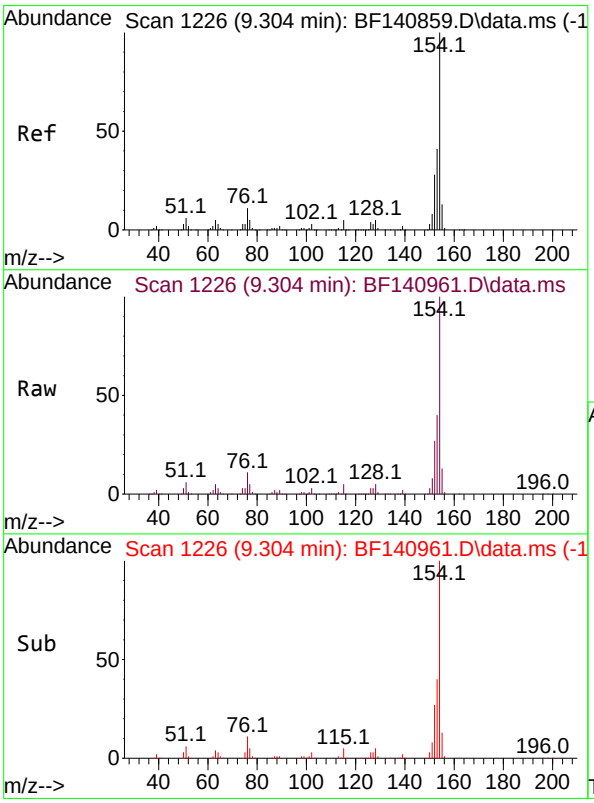
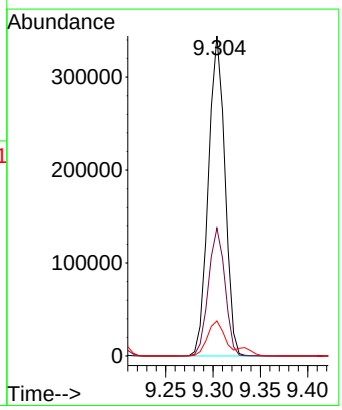


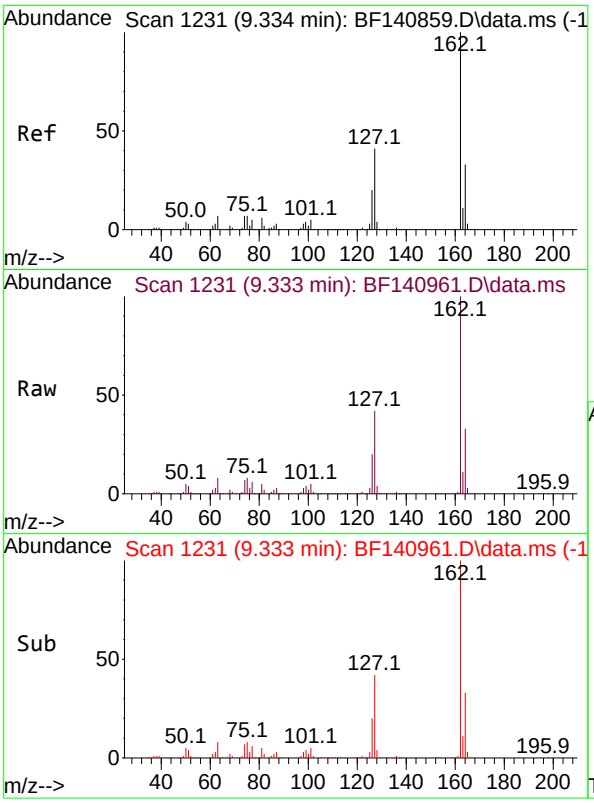


#46
1,1'-Biphenyl
Concen: 42.884 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:154 Resp: 416413

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.8	60.8
76	11.0	0.0	31.0





#47
2-Chloronaphthalene
Concen: 42.810 ng
RT: 9.333 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:162 Resp: 31801

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.5	50.3
164	33.0	26.2	39.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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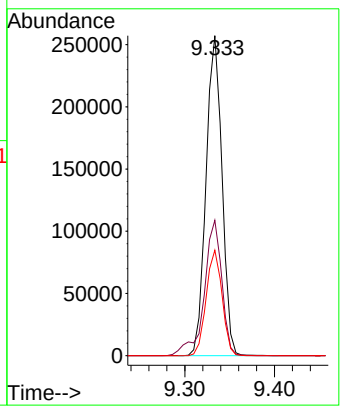
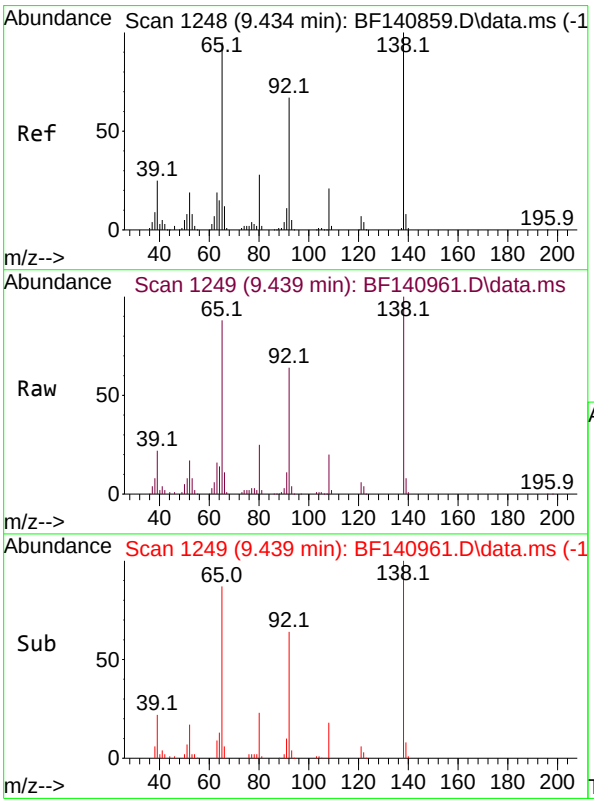
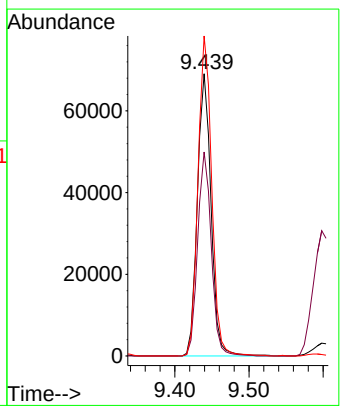


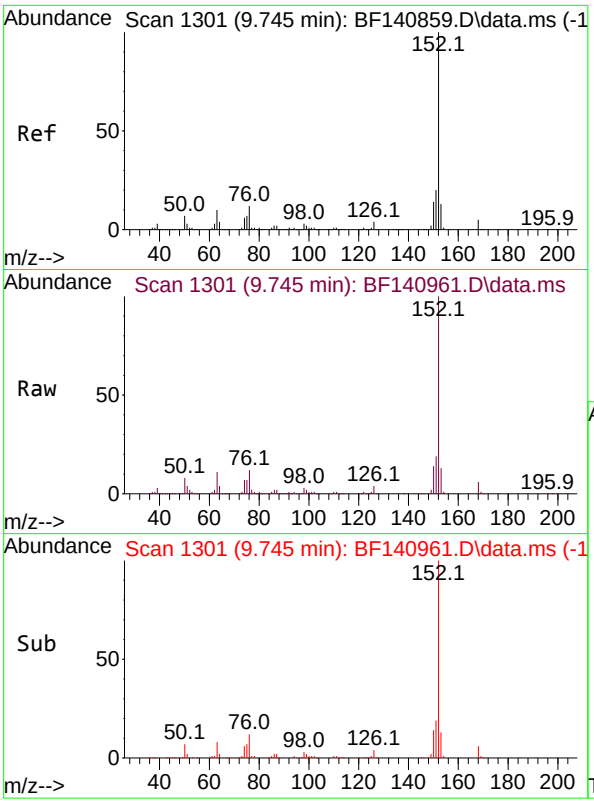


#48
2-Nitroaniline
Concen: 39.472 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 65 Resp: 88554

Ion	Ratio	Lower	Upper
65	100		
92	72.3	56.3	84.5
138	113.4	83.8	125.6





#49
Acenaphthylene
Concen: 42.672 ng
RT: 9.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:152 Resp: 46583

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	13.1	10.6	16.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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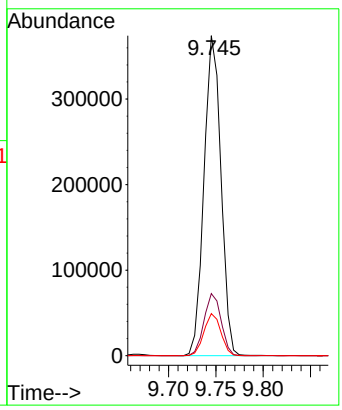
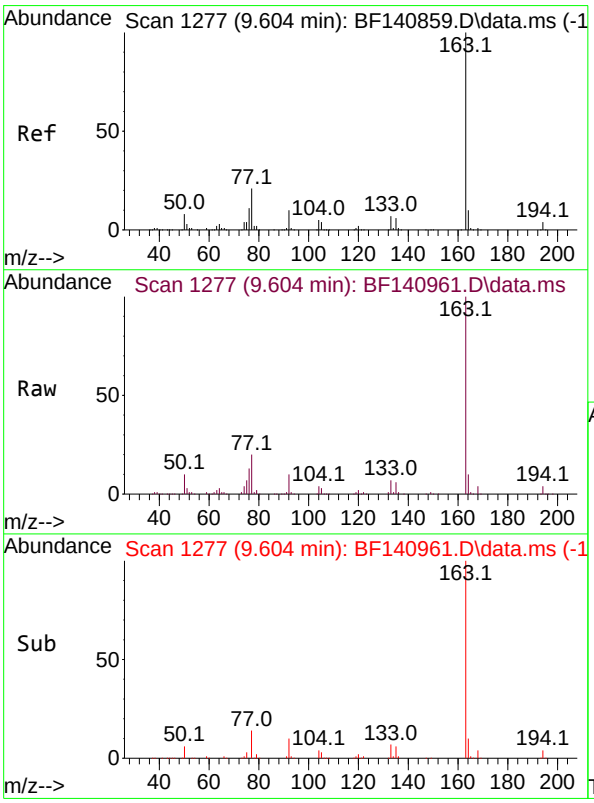
Supervised By :mohammad ahmed 12/24/2024

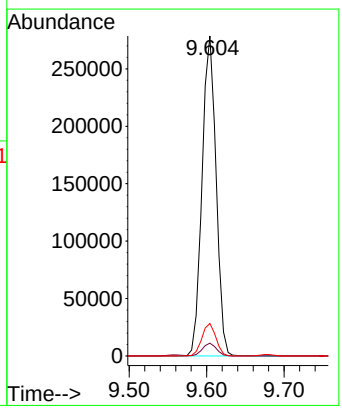


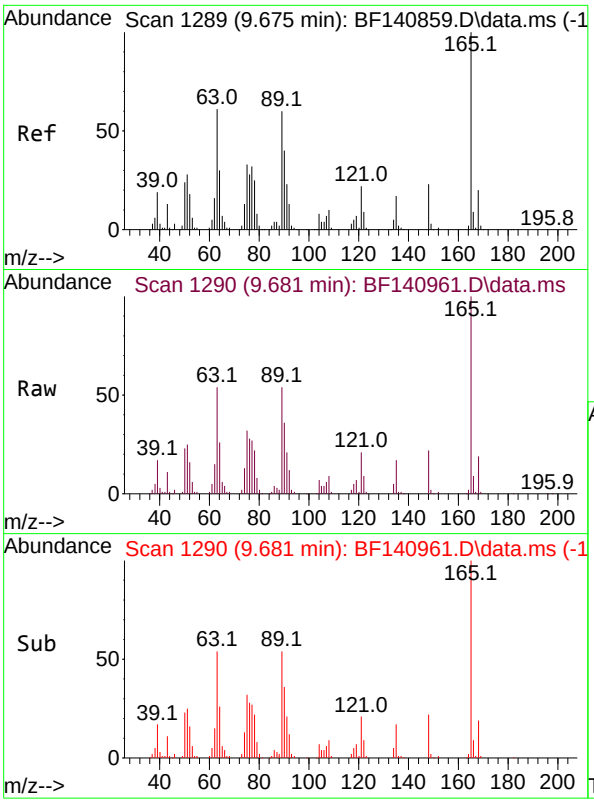


#50
Dimethylphthalate
Concen: 40.670 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:163 Resp: 350137

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.2	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 40.993 ng
RT: 9.681 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:165 Resp: 8068

Ion	Ratio	Lower	Upper
165	100		
63	54.1	49.7	74.5
89	54.2	48.2	72.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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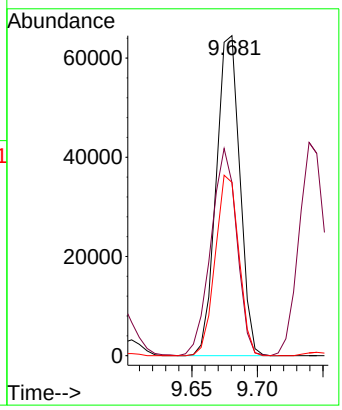
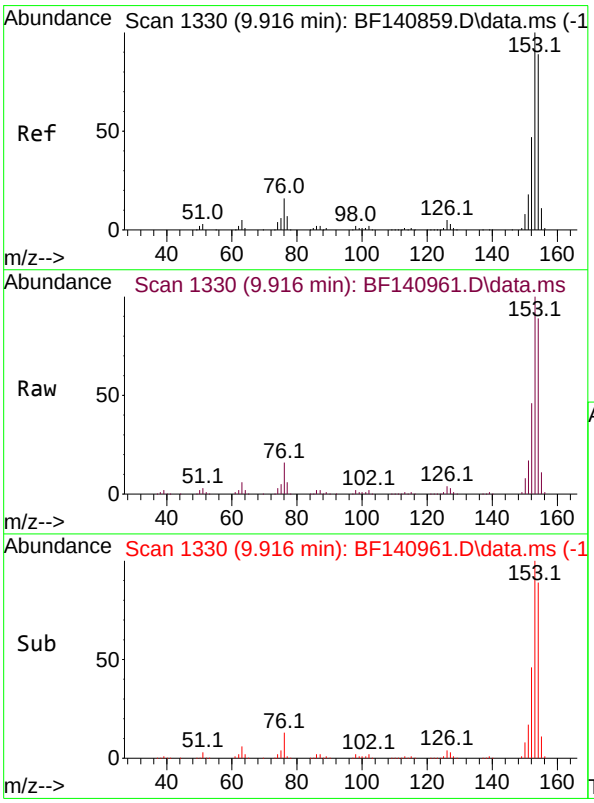
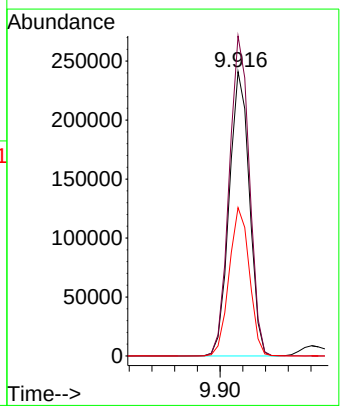


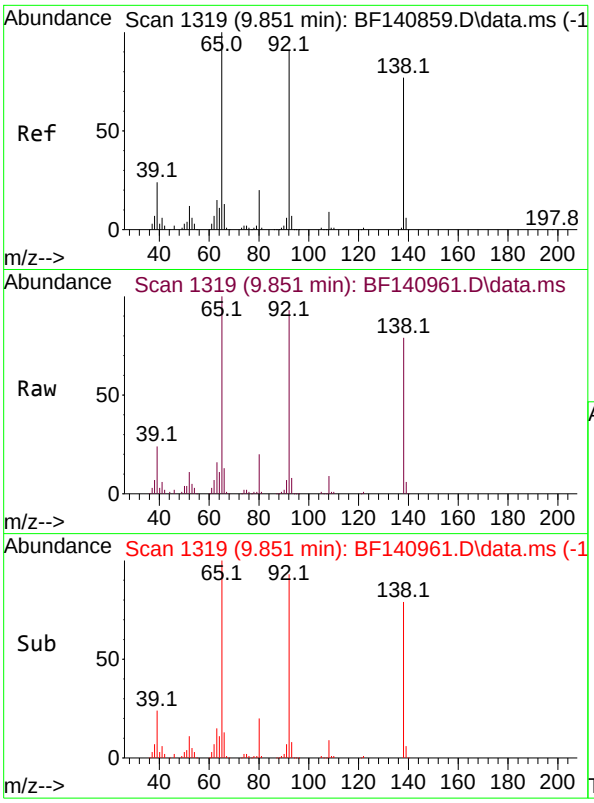


#52
Acenaphthene
Concen: 42.722 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:154 Resp: 297912

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.9	134.9
152	52.2	42.6	63.8





#53
3-Nitroaniline
Concen: 39.755 ng
RT: 9.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:138 Resp: 7764

Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.0	13.4
92	118.4	95.5	143.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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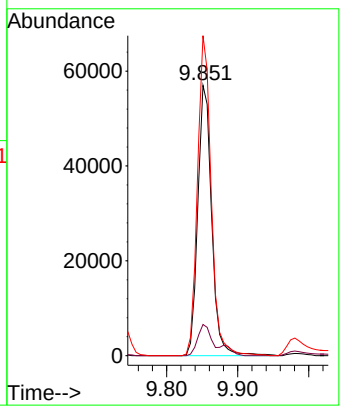
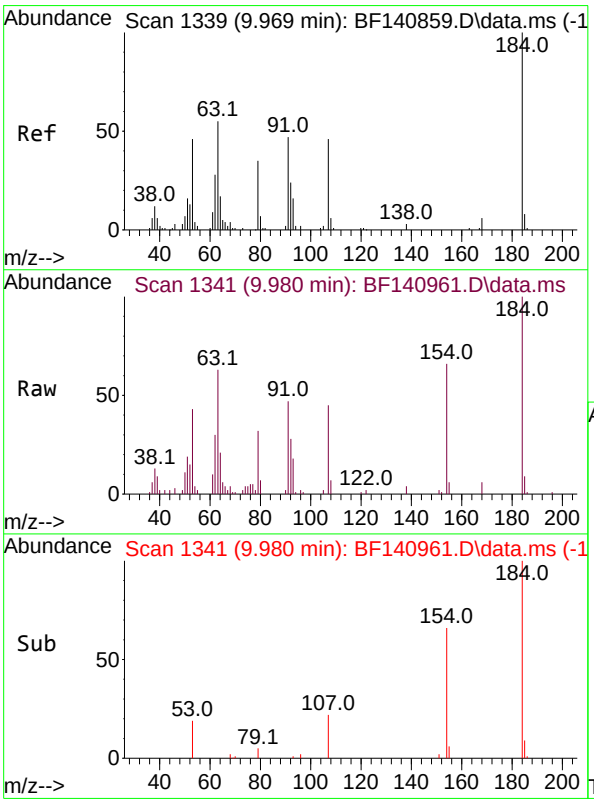
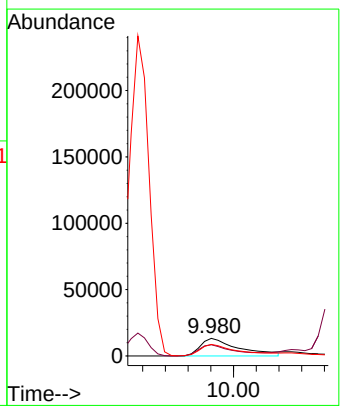


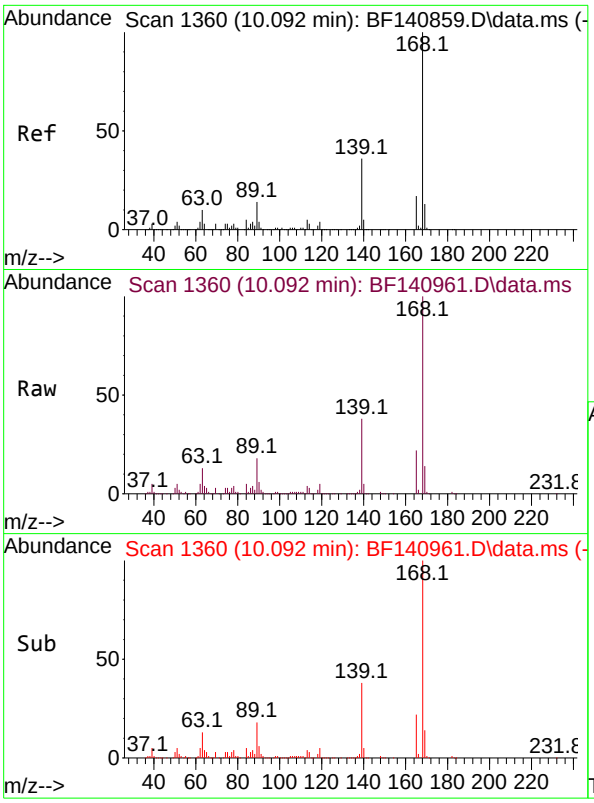


#54
2,4-Dinitrophenol
Concen: 36.222 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:184 Resp: 31040

Ion	Ratio	Lower	Upper
184	100		
63	63.2	51.6	77.4
154	65.6	56.1	84.1





#55
Dibenzofuran
Concen: 41.397 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:168 Resp: 44731

Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.1	46.7
169	13.7	10.6	16.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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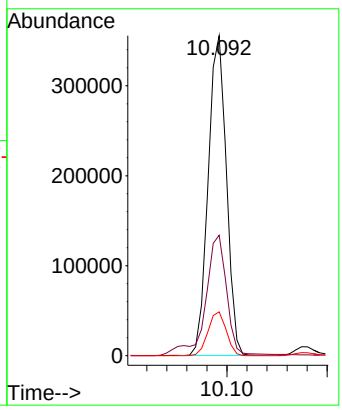
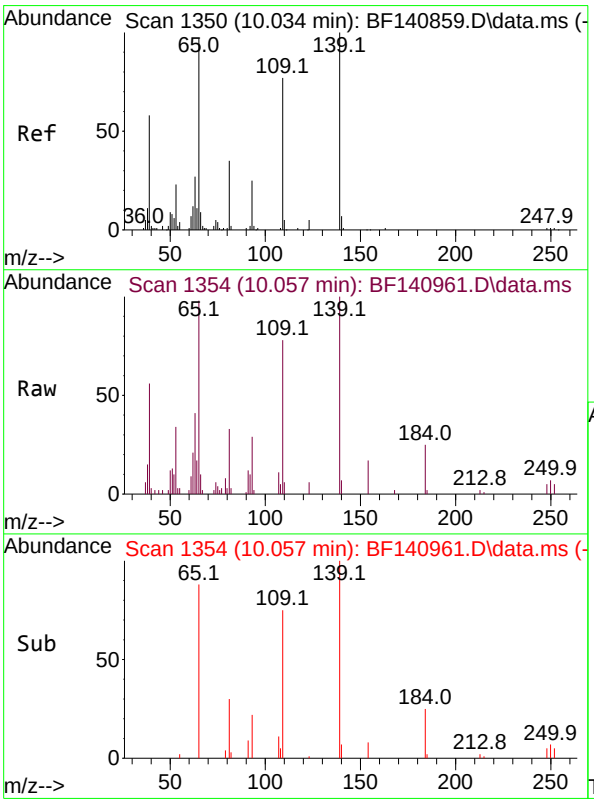
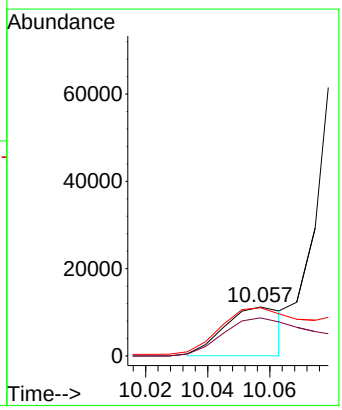


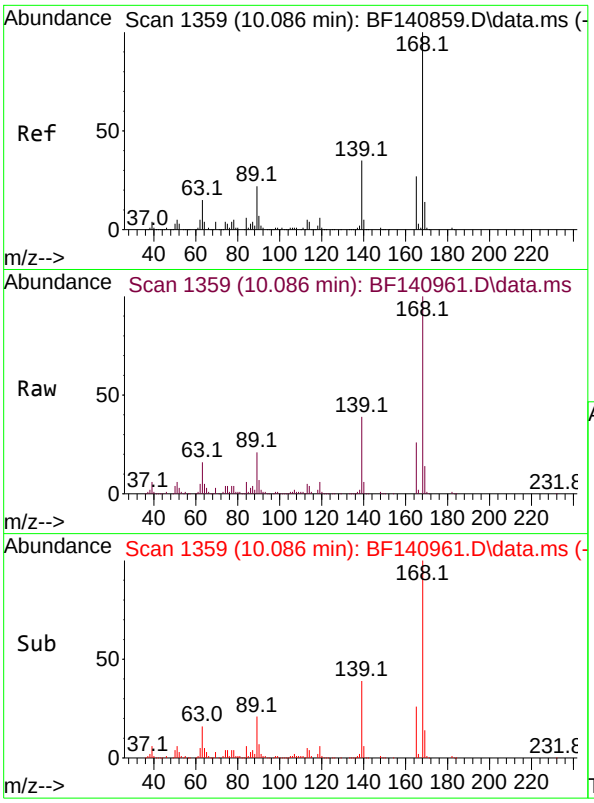


#56
4-Nitrophenol
Concen: 17.424 ng m
RT: 10.057 min Scan# 1354
Delta R.T. 0.023 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:139 Resp: 14441

Ion	Ratio	Lower	Upper
139	100		
109	77.8	56.7	96.7
65	98.3	78.1	118.1





#57
2,4-Dinitrotoluene
Concen: 40.743 ng
RT: 10.086 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:165 Resp: 10550

Ion	Ratio	Lower	Upper
165	100		
63	63.6	49.3	73.9
89	83.9	66.2	99.4
182	2.9	2.1	3.1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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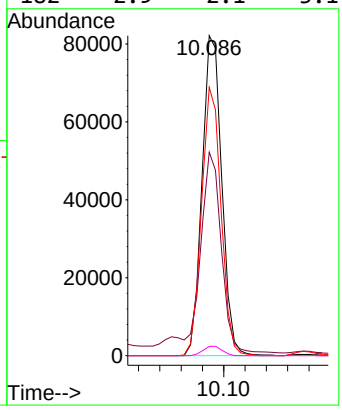
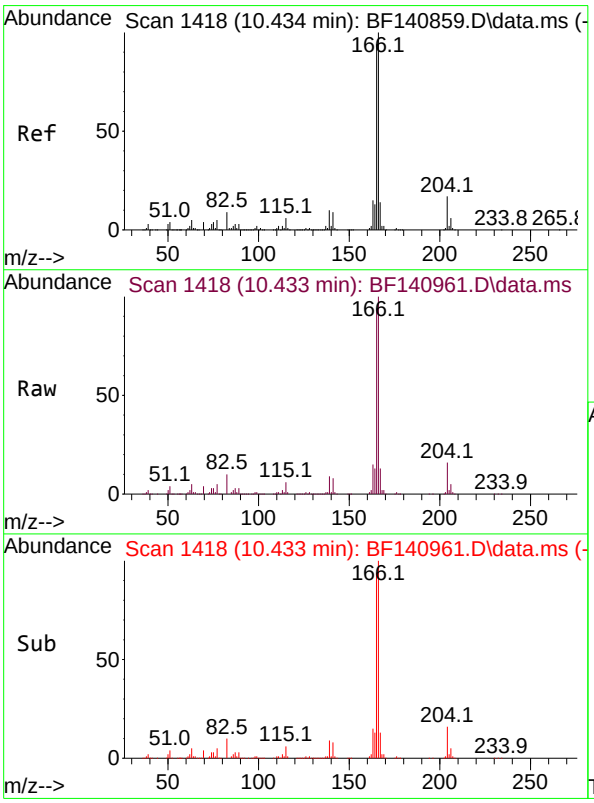
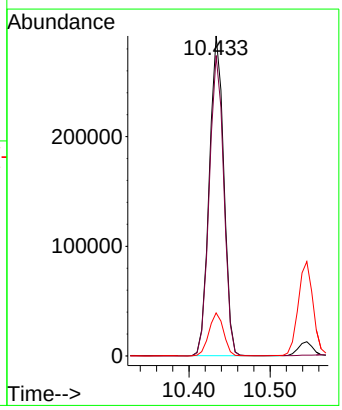


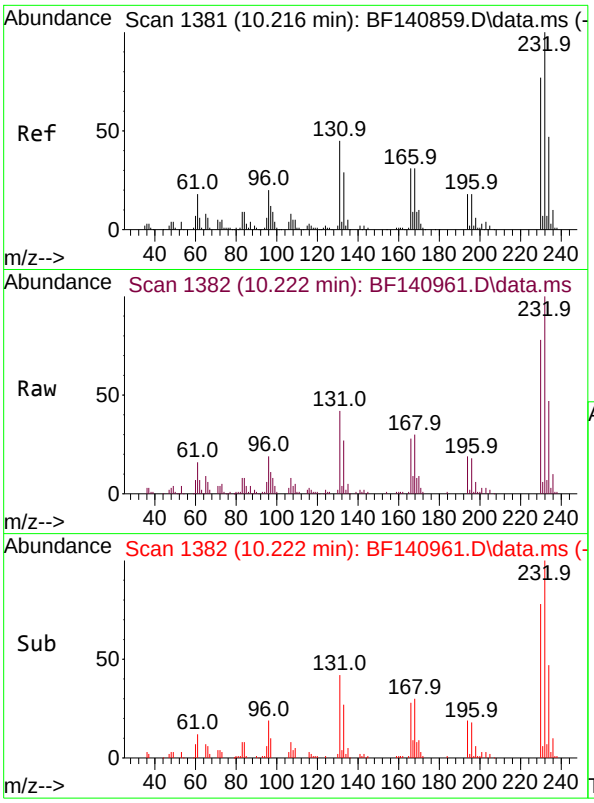


#58
Fluorene
Concen: 40.509 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:166 Resp: 361115

Ion	Ratio	Lower	Upper
166	100		
165	93.9	75.1	112.7
167	13.5	11.1	16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.612 ng
RT: 10.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:232 Resp: 8153

Ion	Ratio	Lower	Upper
232	100		
131	41.0	35.1	52.7
130	1.8	1.8	2.8
166	25.4	22.4	33.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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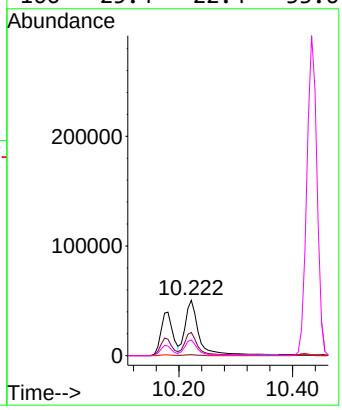
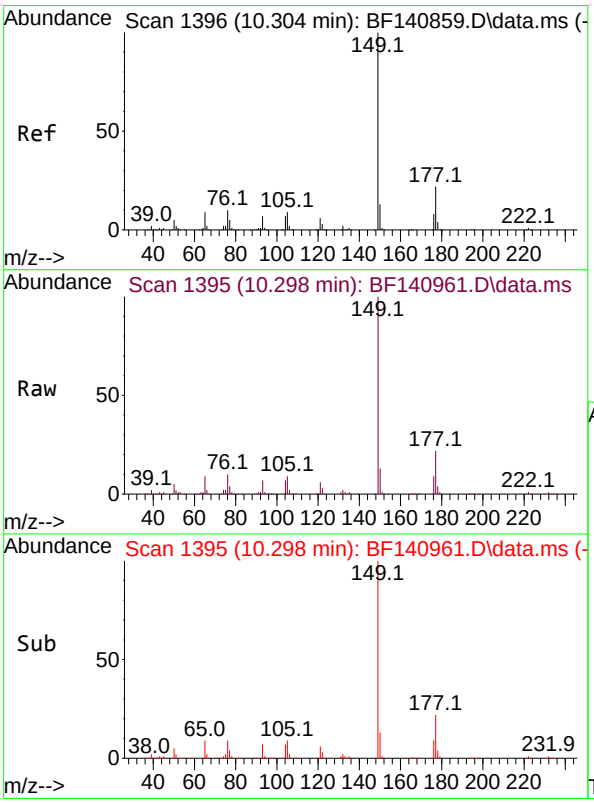
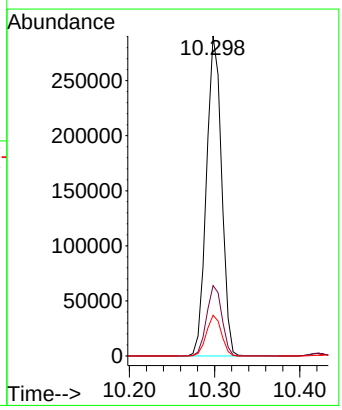


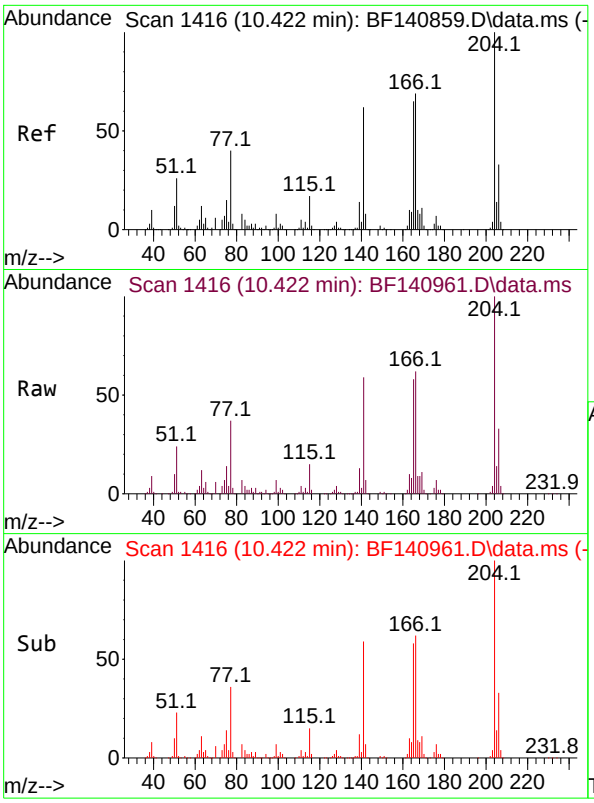


#60
Diethylphthalate
Concen: 40.193 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:149 Resp: 358822

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.2	25.8
150	12.7	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.560 ng
RT: 10.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 18610

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	58.8	50.0	75.0

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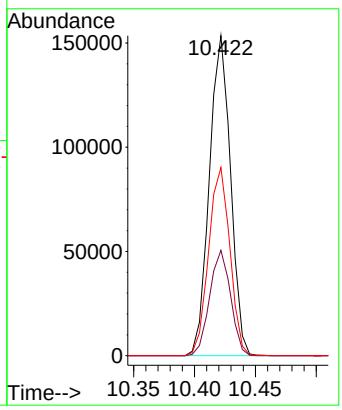
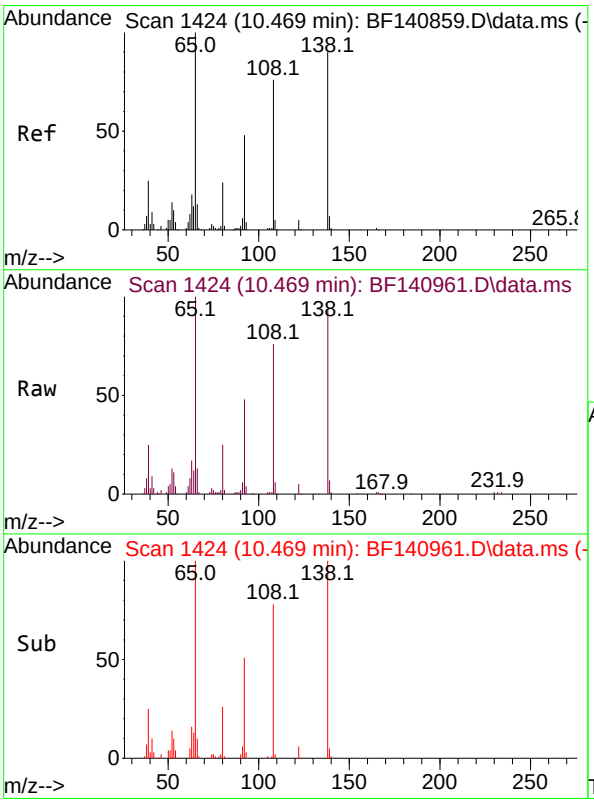
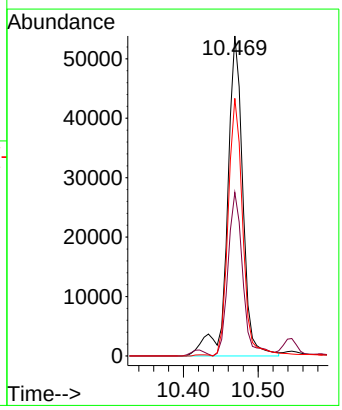


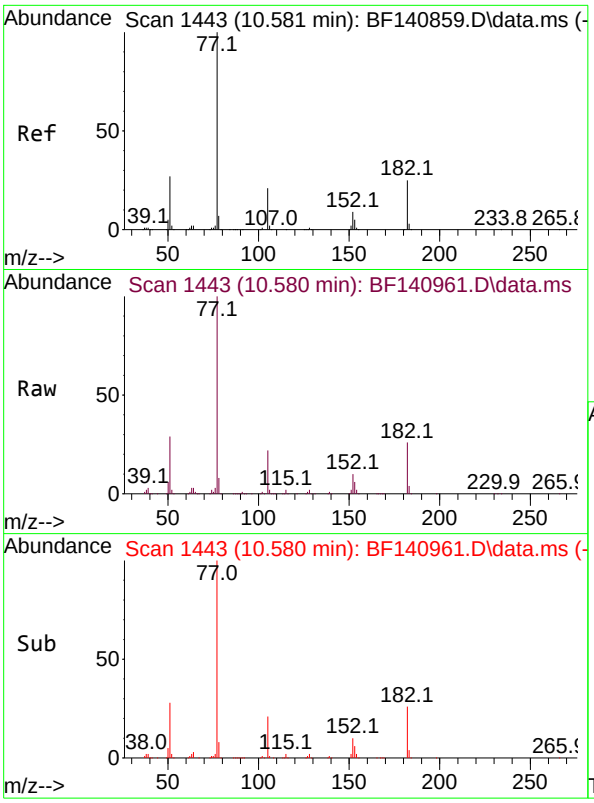


#62
4-Nitroaniline
Concen: 37.852 ng m
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:138 Resp: 77257

Ion	Ratio	Lower	Upper
138	100		
92	51.1	32.6	72.6
108	80.5	64.1	104.1

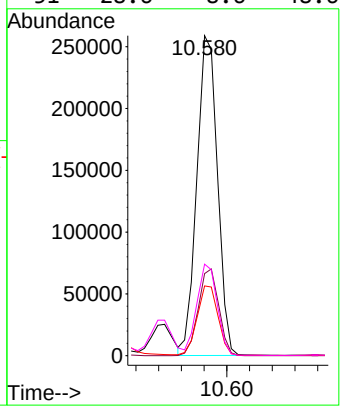




#63
Azobenzene
Concen: 38.978 ng
RT: 10.580 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion: 77 Resp: 32713

Ion	Ratio	Lower	Upper
77	100		
182	25.6	4.5	44.5
105	21.8	0.9	40.9
51	28.6	8.6	48.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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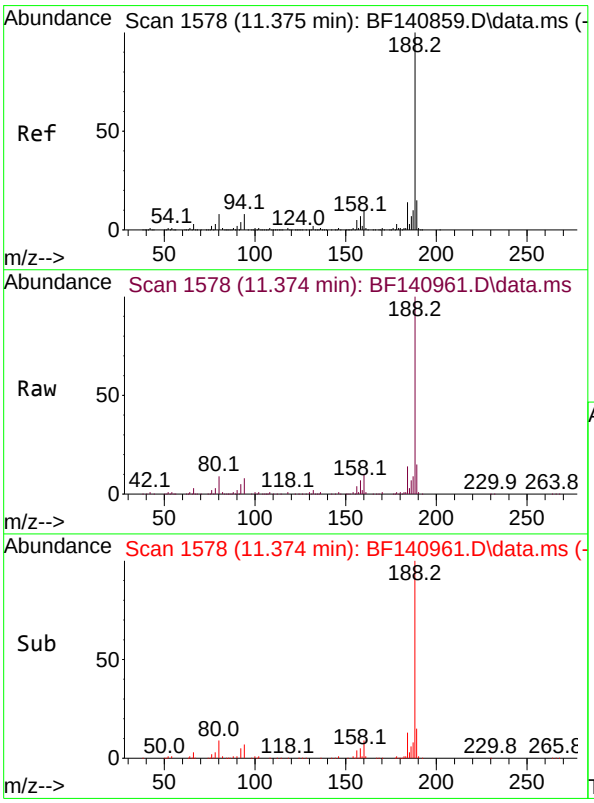
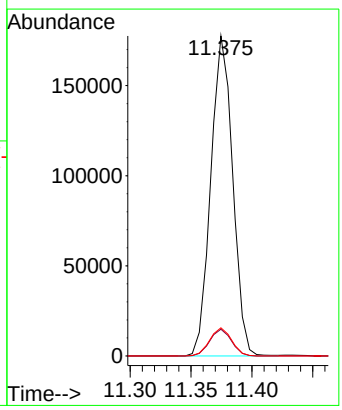
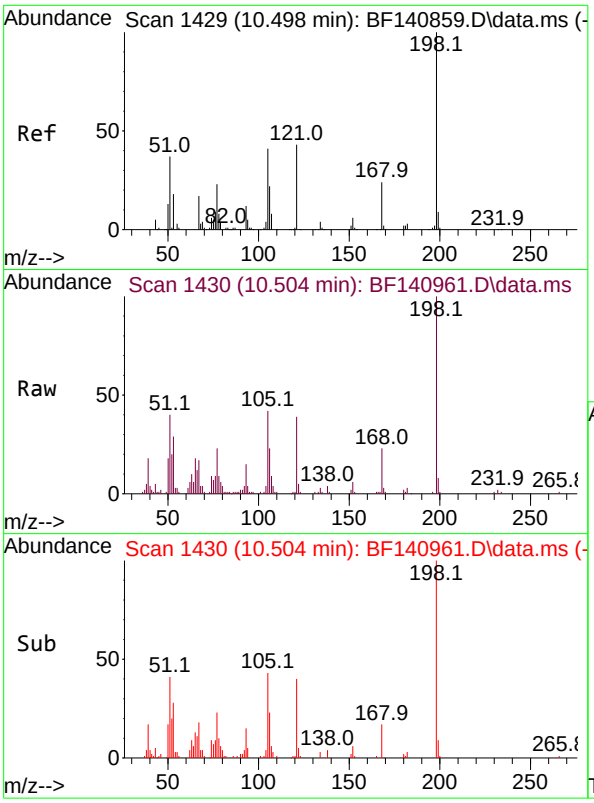


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:188 Resp: 222339

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.4	9.6
80	8.8	6.8	10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 41.684 ng
RT: 10.504 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 5251

Ion	Ratio	Lower	Upper
198	100		
51	39.9	24.4	64.4
105	42.0	22.1	62.1

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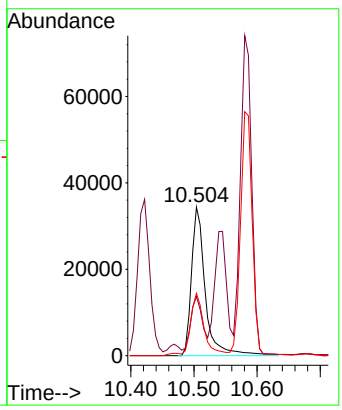
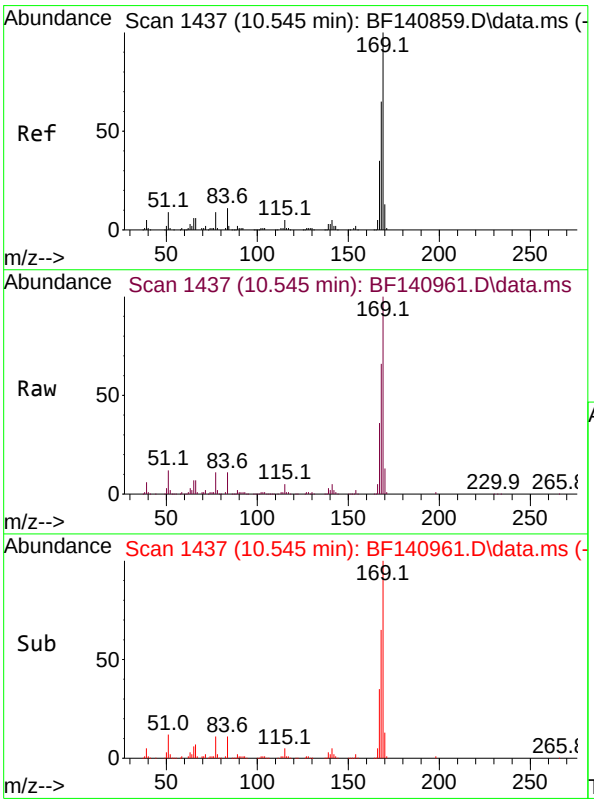
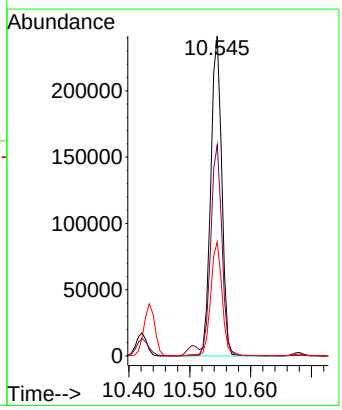


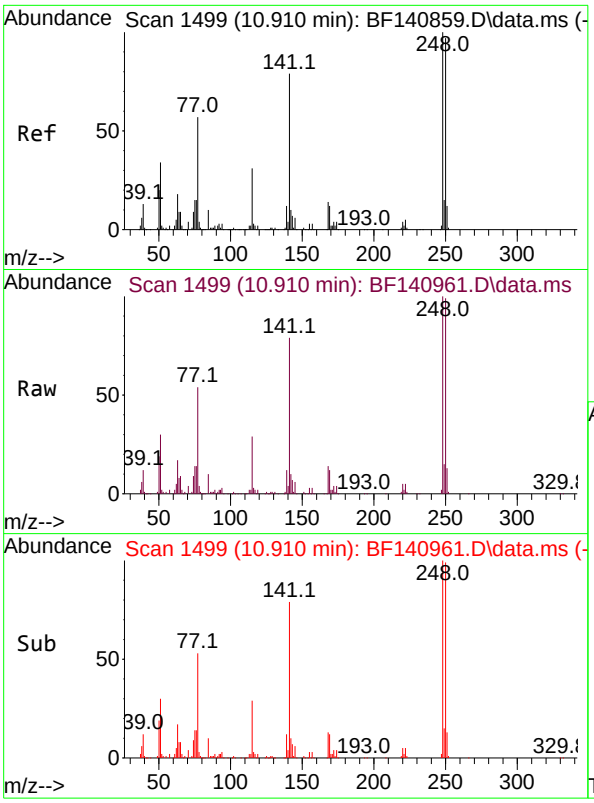


#66
n-Nitrosodiphenylamine
Concen: 44.326 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:169 Resp: 303009

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.4	80.0
167	35.7	28.3	42.5





#67
4-Bromophenyl-phenylether
Concen: 44.024 ng
RT: 10.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:248 Resp: 10950

Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.4	116.2
141	78.9	62.9	94.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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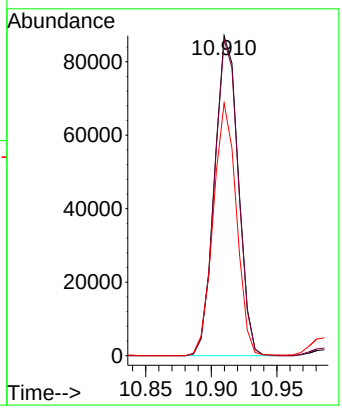
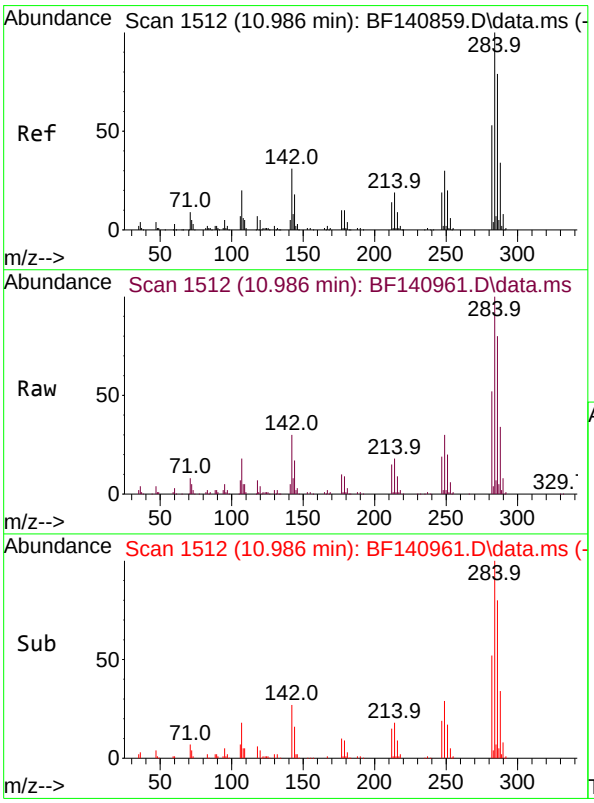
Supervised By :mohammad ahmed 12/24/2024

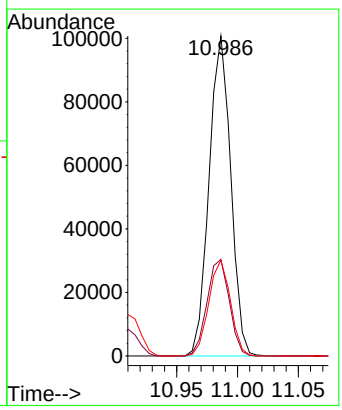


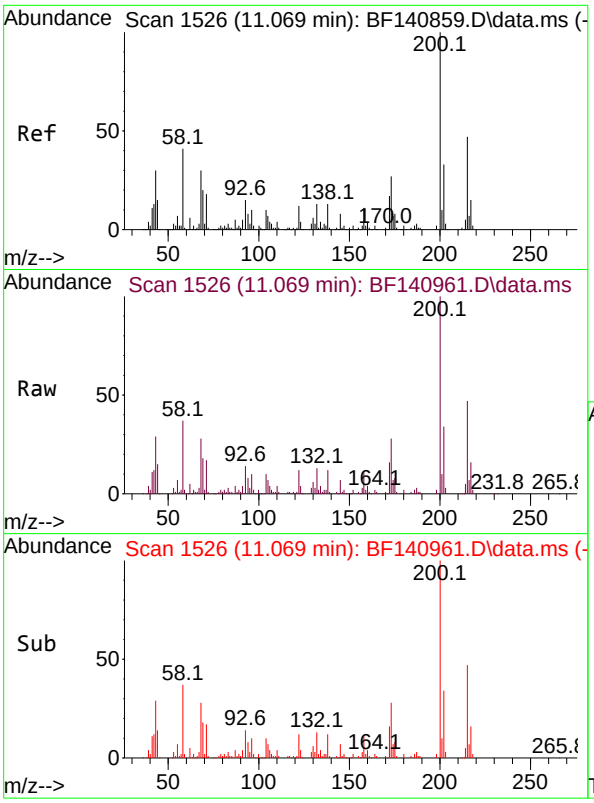


#68
Hexachlorobenzene
Concen: 44.116 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:284 Resp: 124414

Ion	Ratio	Lower	Upper
284	100		
142	30.1	24.6	36.8
249	29.9	24.3	36.5





#69
Atrazine
Concen: 38.039 ng
RT: 11.069 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:200 Resp: 7262

Ion	Ratio	Lower	Upper
200	100		
173	28.0	6.6	46.6
215	47.1	26.7	66.7

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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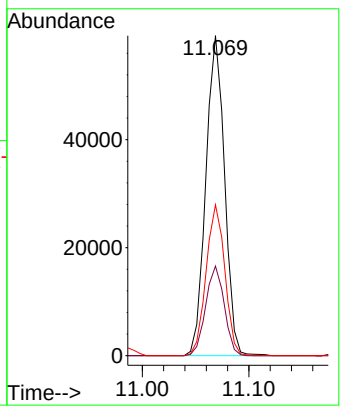
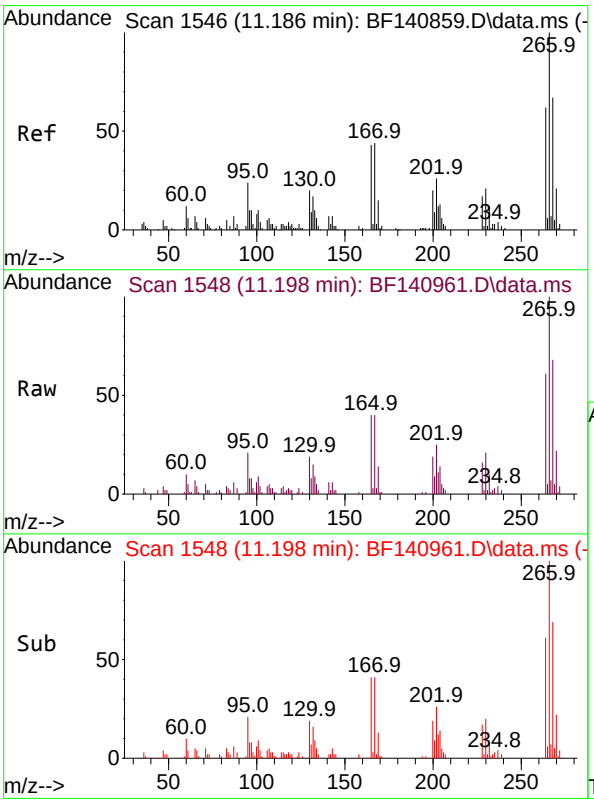
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

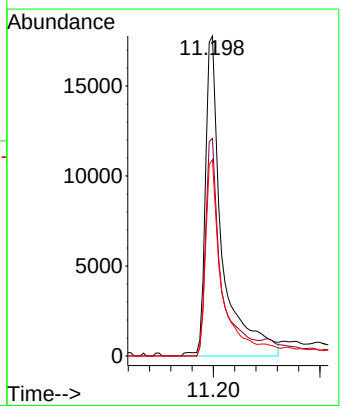


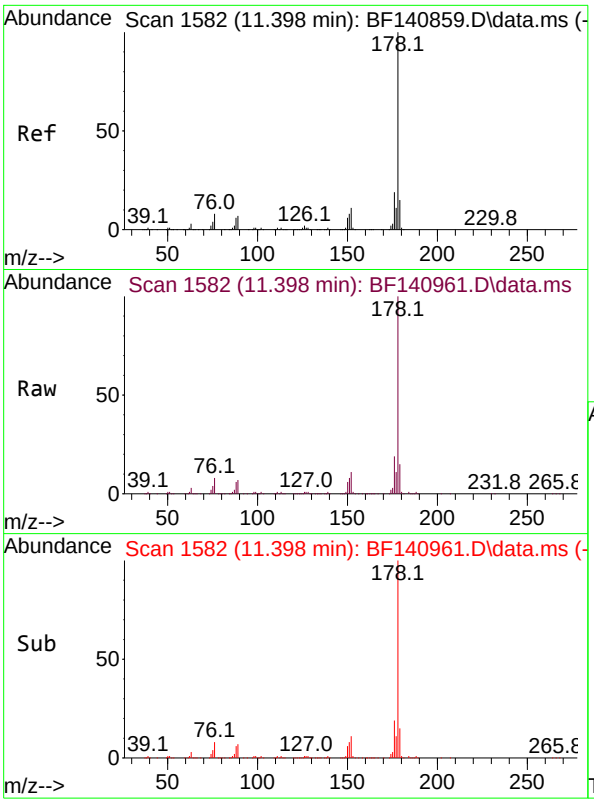


#70
Pentachlorophenol
Concen: 37.863 ng
RT: 11.198 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:266 Resp: 39039

Ion	Ratio	Lower	Upper
266	100		
268	68.0	54.0	81.0
264	61.3	49.4	74.2





#71
Phenanthrene
Concen: 42.612 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:178 Resp: 48721

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.0	12.1	18.1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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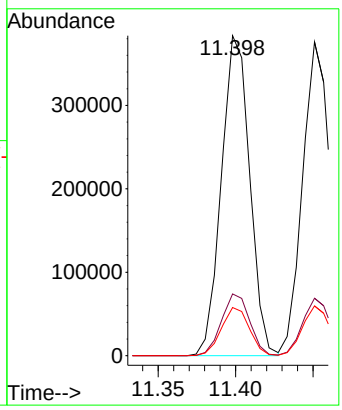
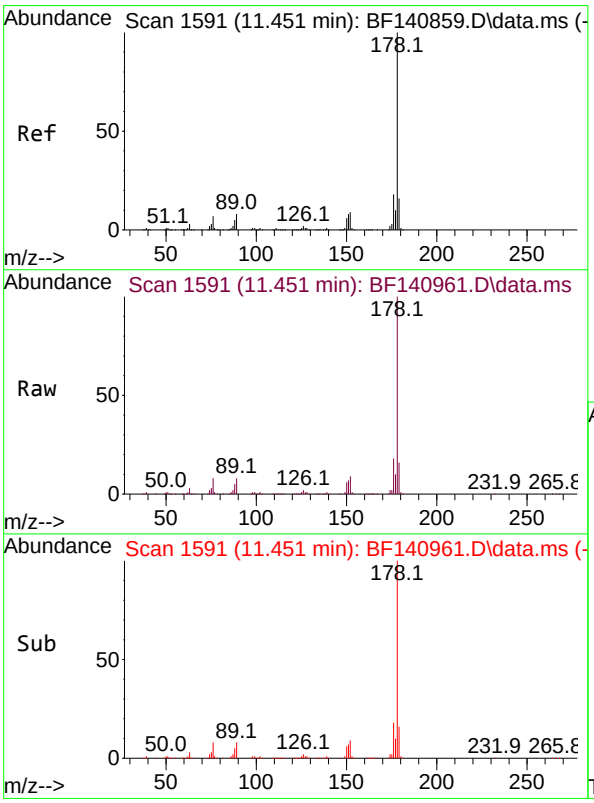
Supervised By :mohammad ahmed 12/24/2024

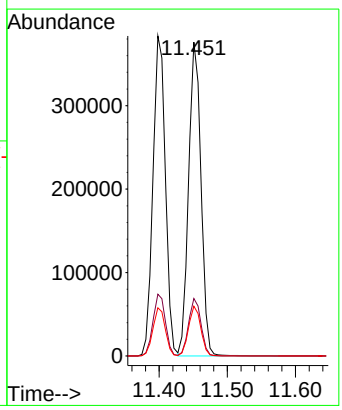


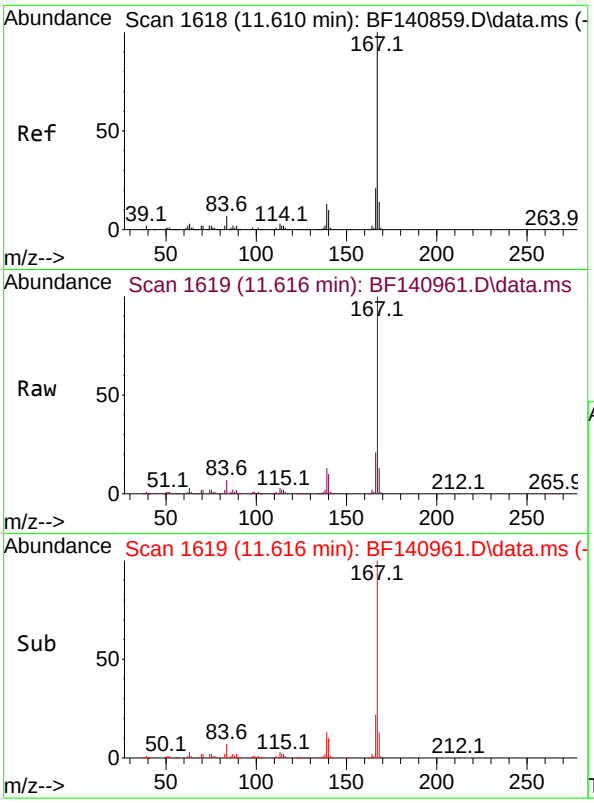


#72
Anthracene
Concen: 41.869 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:178 Resp: 471444

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.8	12.6	18.8





#73
Carbazole
Concen: 39.666 ng
RT: 11.616 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 437469

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	12.8	10.2	15.2

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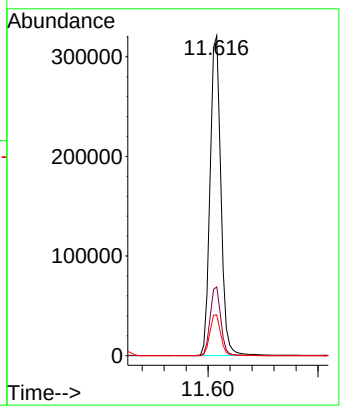
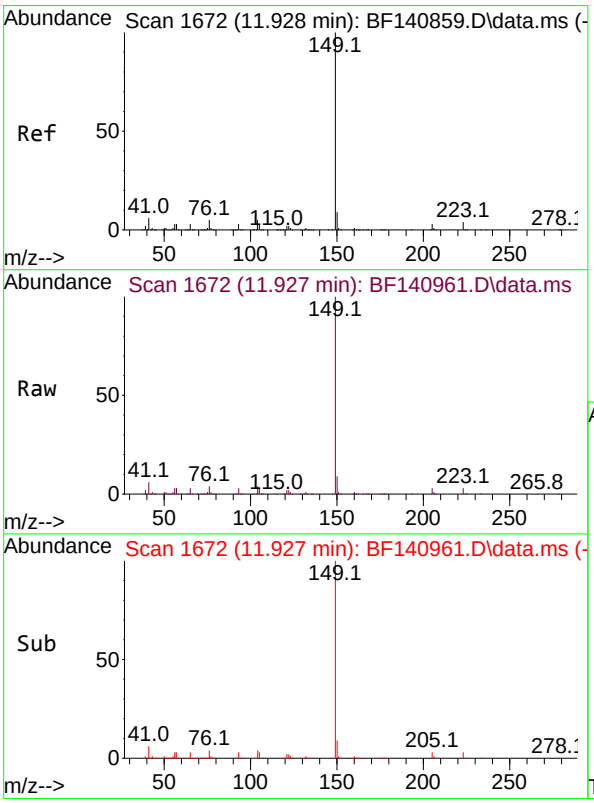
Supervised By :mohammad ahmed 12/24/2024

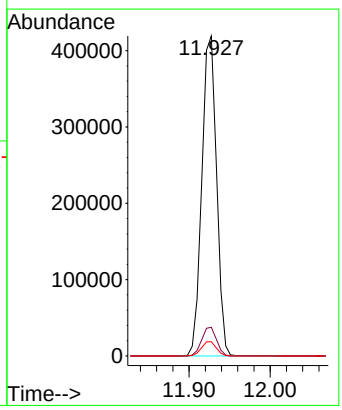


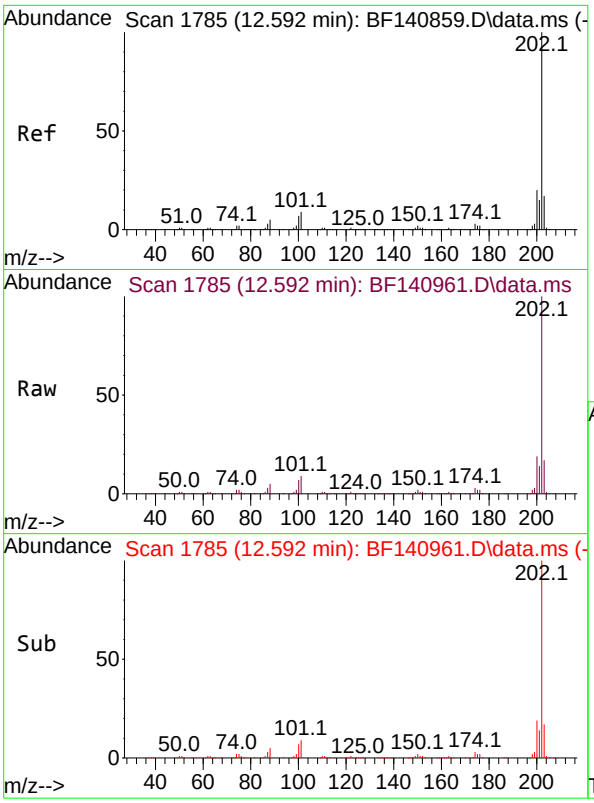


#74
Di-n-butylphthalate
Concen: 40.820 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:149 Resp: 528355

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	4.4	3.8	5.8





#75
Fluoranthene
Concen: 39.052 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:202 Resp: 51423

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.3
203	17.1	0.0	37.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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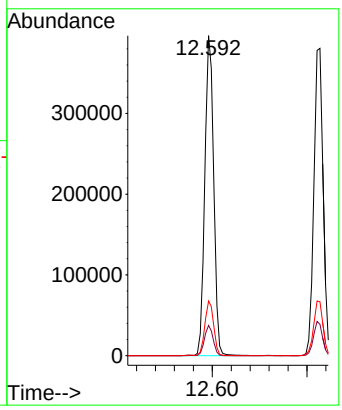
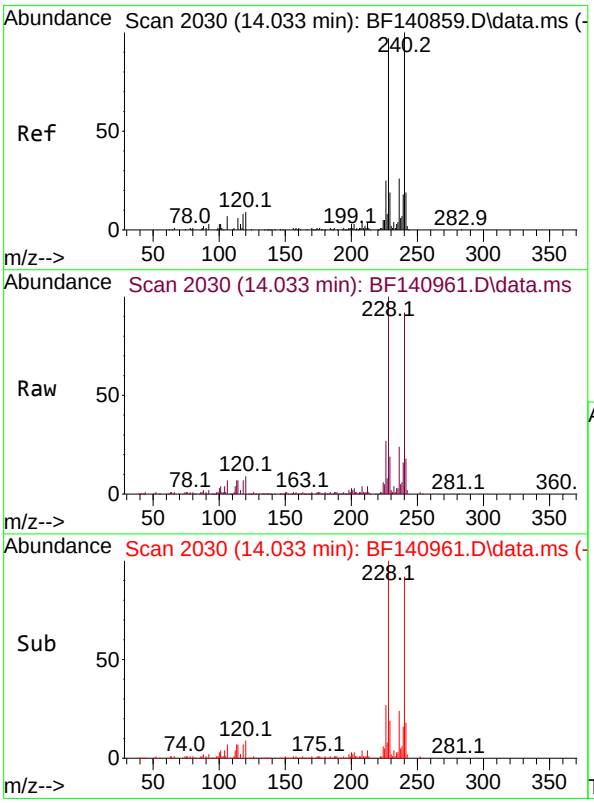
Supervised By :mohammad ahmed 12/24/2024

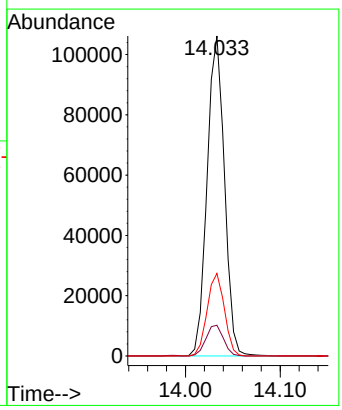


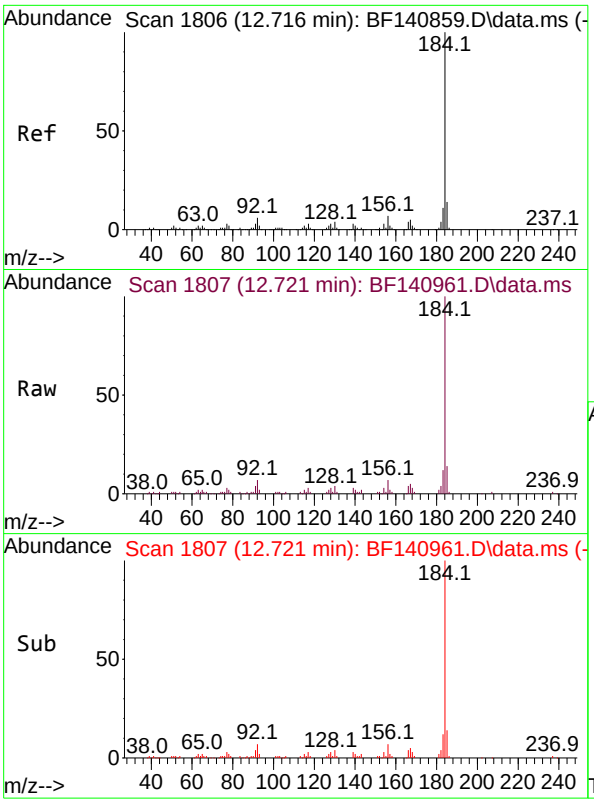


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:240 Resp: 134875

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.6	11.4
236	25.8	20.5	30.7





#77
Benzidine
Concen: 33.531 ng
RT: 12.721 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:184 Resp: 9230

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.1	16.7
183	11.7	9.0	13.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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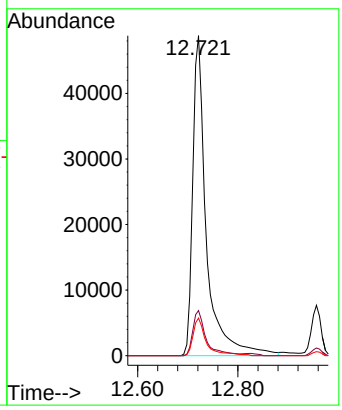
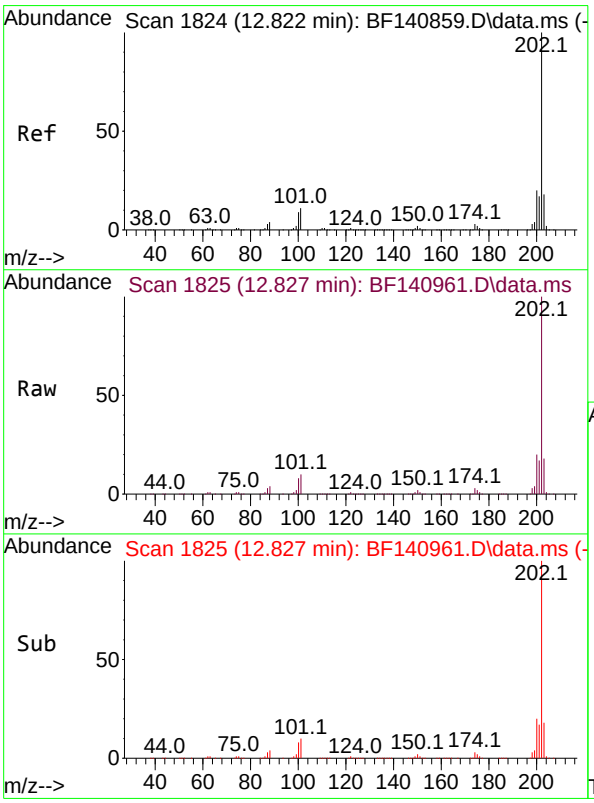
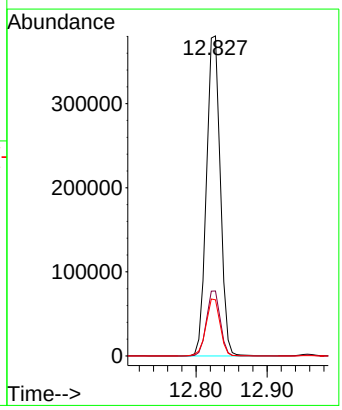


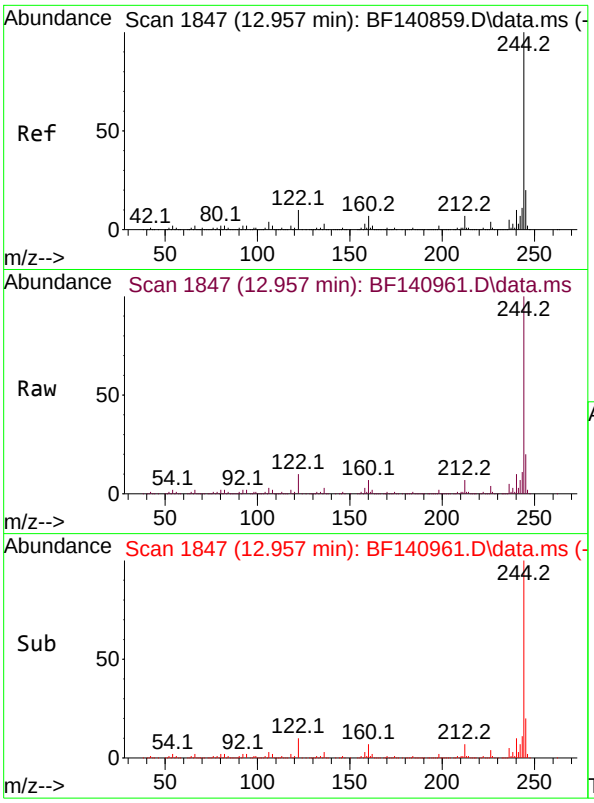


#78
Pyrene
Concen: 43.035 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:202 Resp: 516160

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.1	24.1
203	17.6	14.2	21.4





#79
Terphenyl-d14
Concen: 86.022 ng
RT: 12.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:244 Resp: 73577

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.3	8.2	12.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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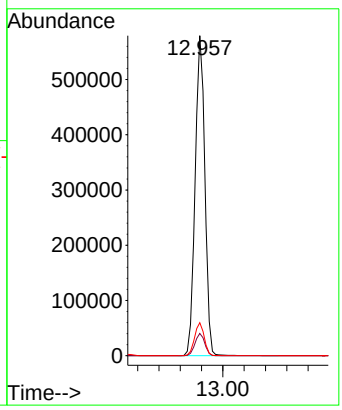
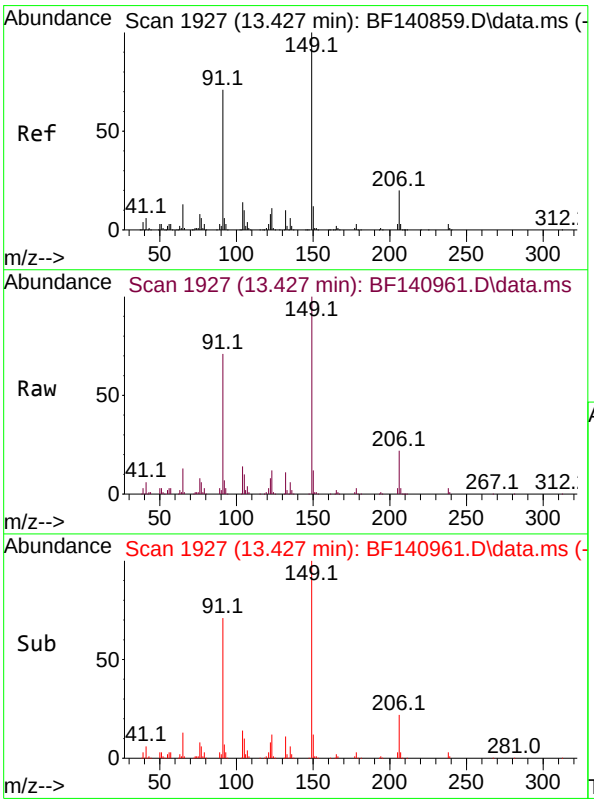
Supervised By :mohammad ahmed 12/24/2024

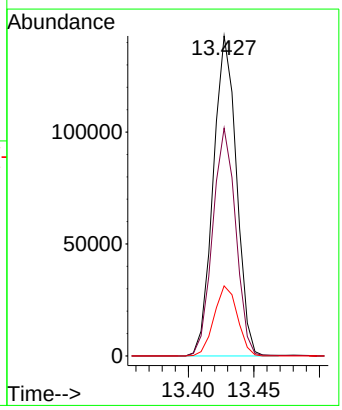


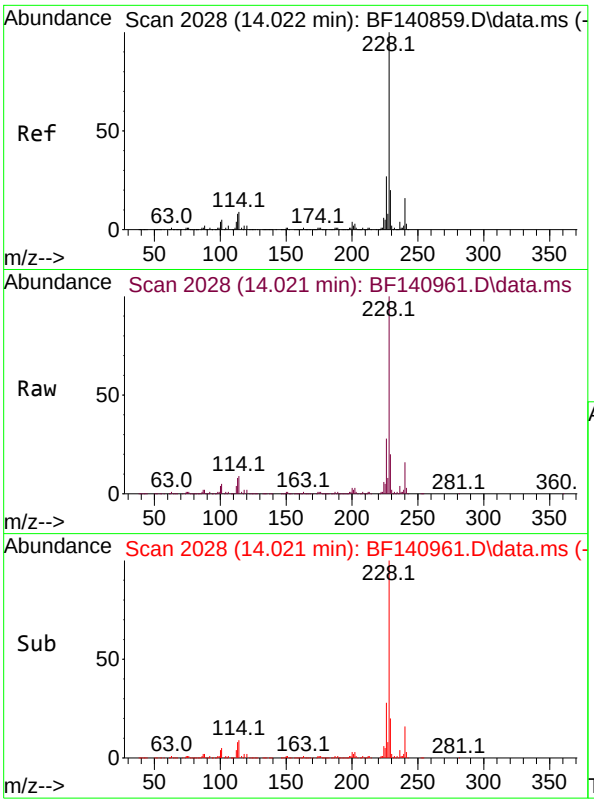


#80
Butylbenzylphthalate
Concen: 39.859 ng
RT: 13.427 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:149 Resp: 175903

Ion	Ratio	Lower	Upper
149	100		
91	71.2	56.7	85.1
206	21.9	16.4	24.6





#81
Benzo(a)anthracene
Concen: 41.017 ng
RT: 14.021 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:228 Resp: 39208(

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	19.6	15.8	23.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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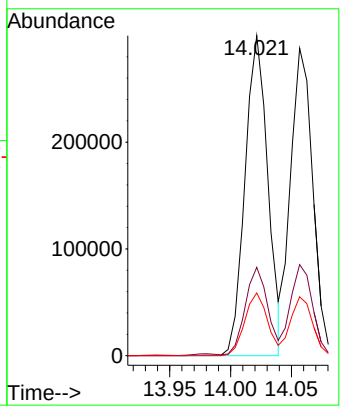
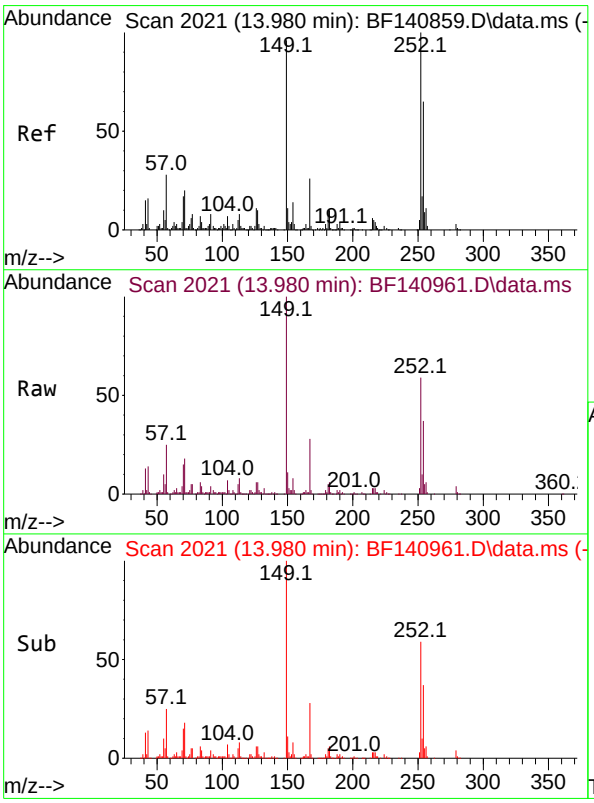
Supervised By :mohammad ahmed 12/24/2024

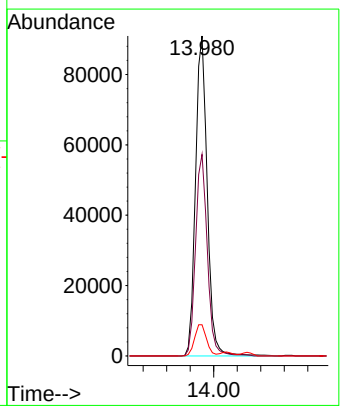


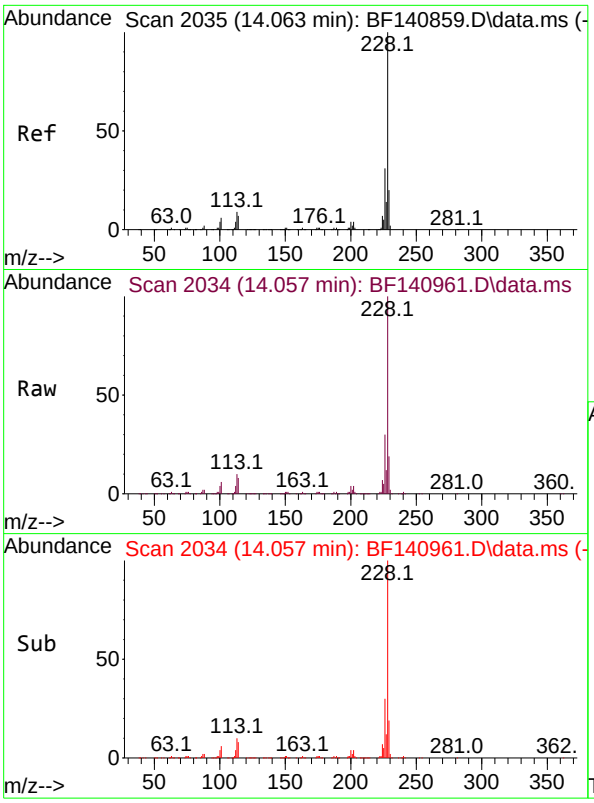


#82
3,3'-Dichlorobenzidine
Concen: 43.644 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:252 Resp: 125869

Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.3	78.5
126	9.7	8.4	12.6





#83
Chrysene
Concen: 42.211 ng
RT: 14.057 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:228 Resp: 36691(

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	19.2	16.0	24.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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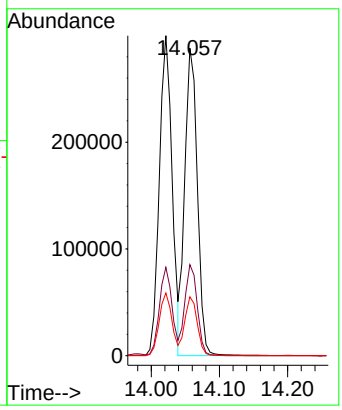
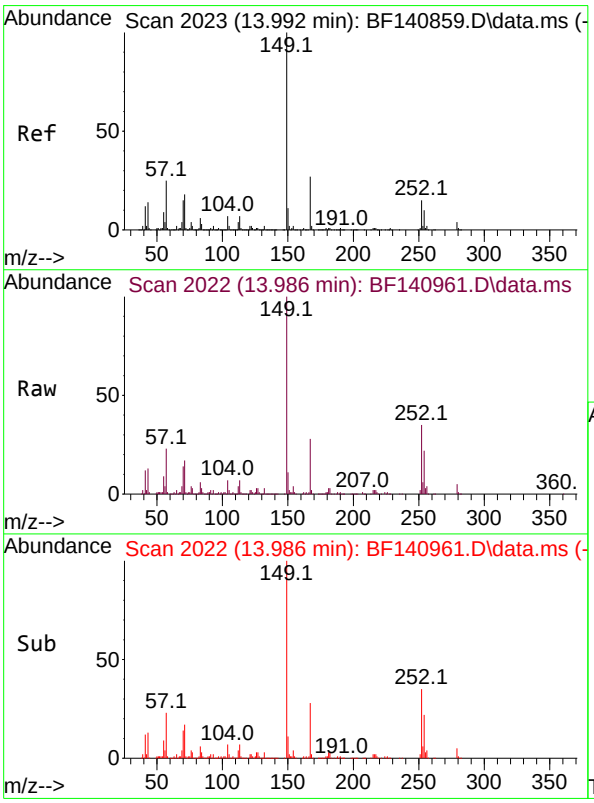
Supervised By :mohammad ahmed 12/24/2024

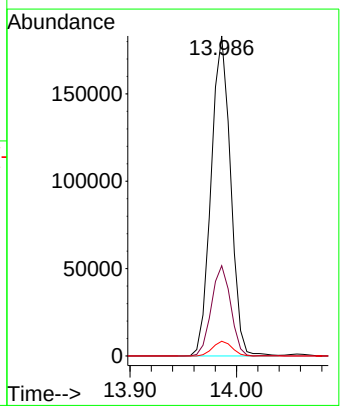


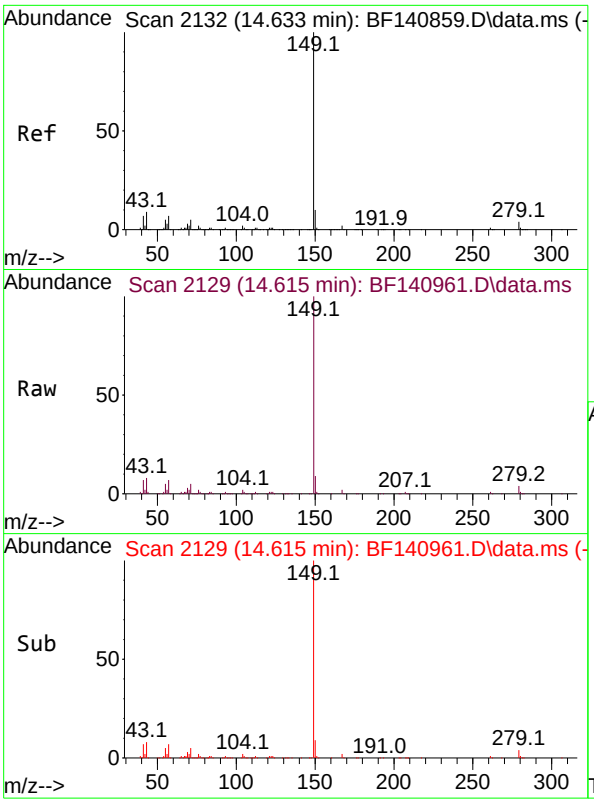


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.838 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:149 Resp: 232385

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	4.6	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 42.687 ng
RT: 14.615 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:149 Resp: 36749

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	7.0	10.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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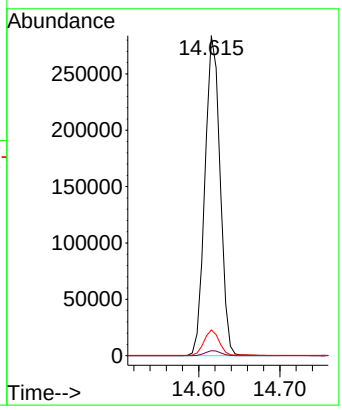
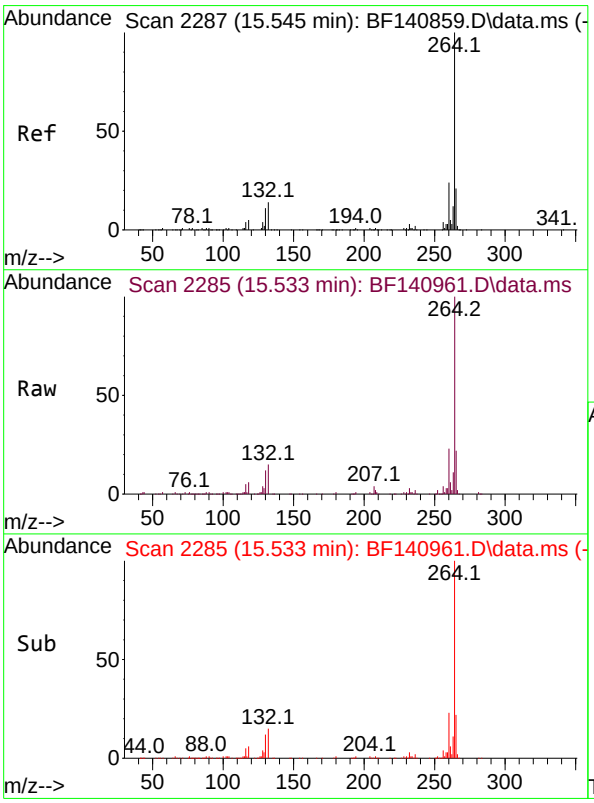
Supervised By :mohammad ahmed 12/24/2024

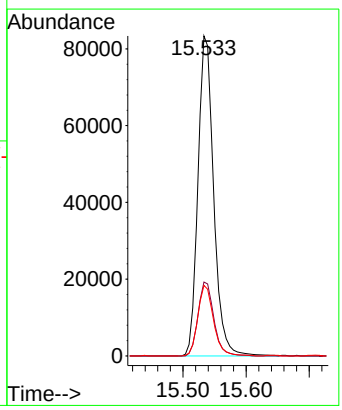


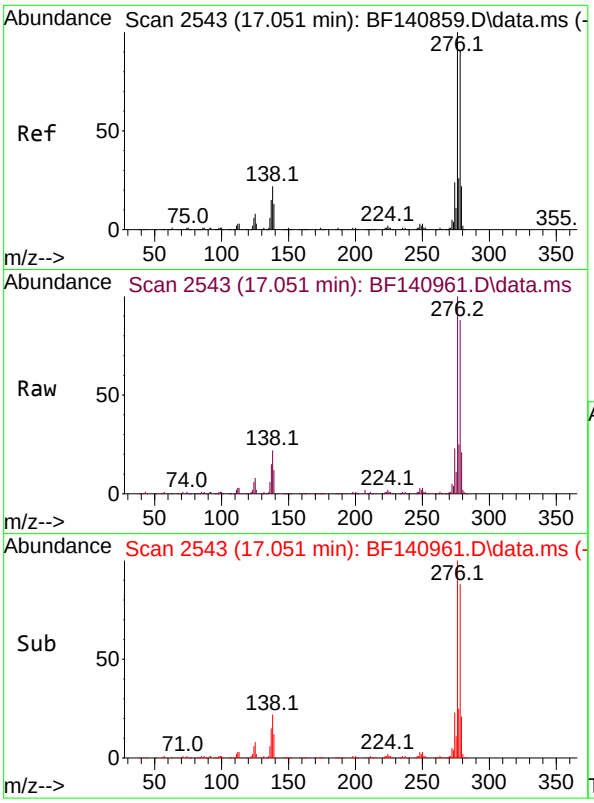


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:264 Resp: 144038

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	22.0	17.0	25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.544 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:276 Resp: 48127

Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.9	25.3
277	25.0	20.2	30.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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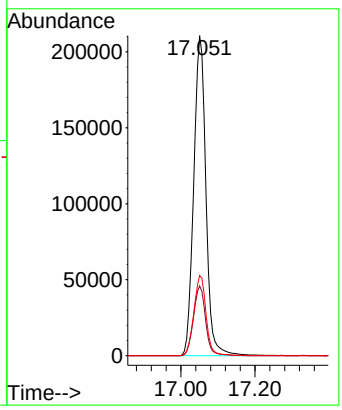
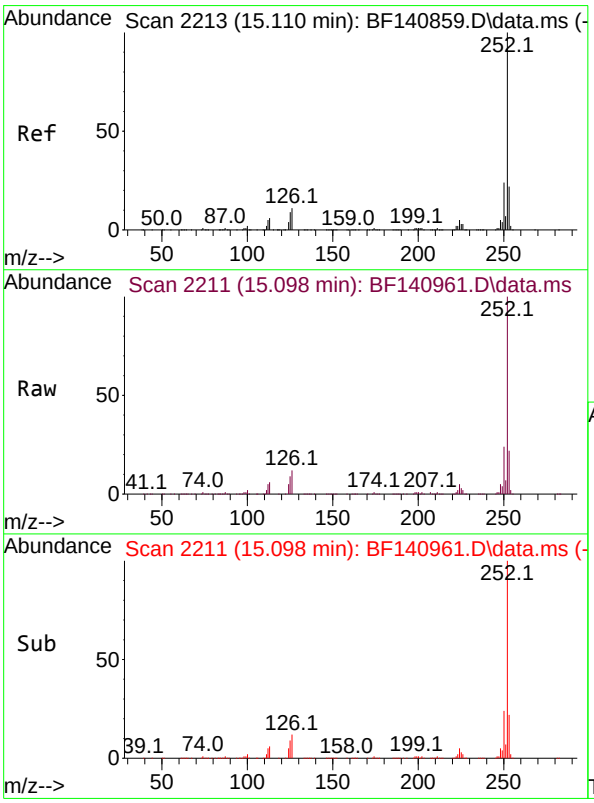
Supervised By :mohammad ahmed 12/24/2024

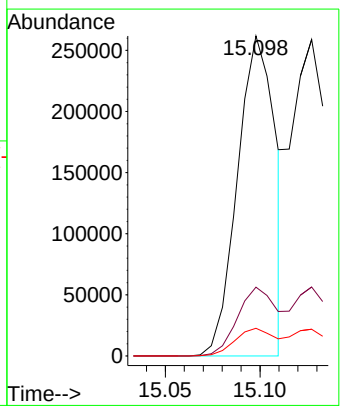


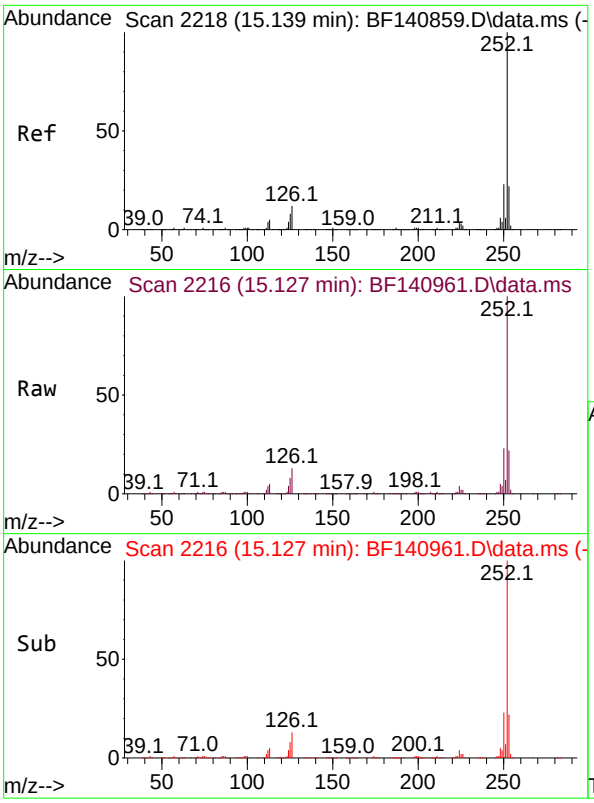


#88
Benzo(b)fluoranthene
Concen: 36.465 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:252 Resp: 364595

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	8.7	7.0	10.4





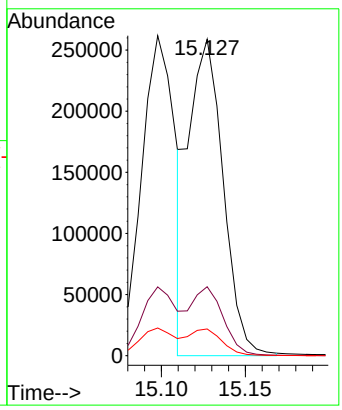
#89
Benzo(k)fluoranthene
Concen: 42.658 ng m
RT: 15.127 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

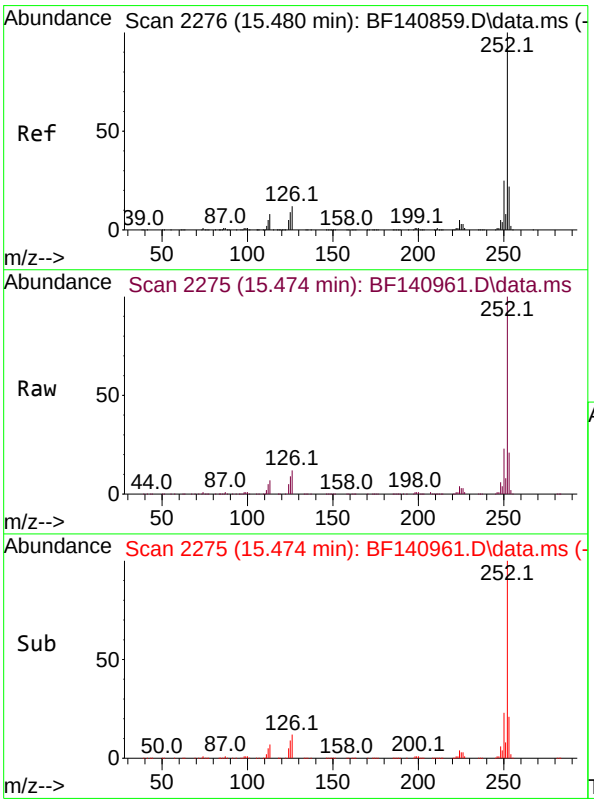
Tgt Ion:252 Resp: 36585

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	8.4	6.8	10.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

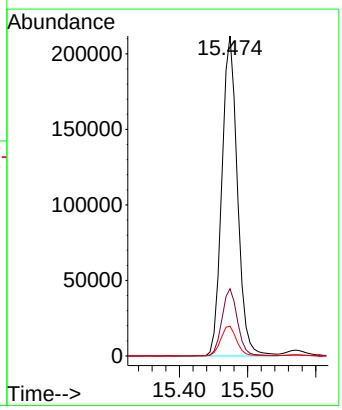


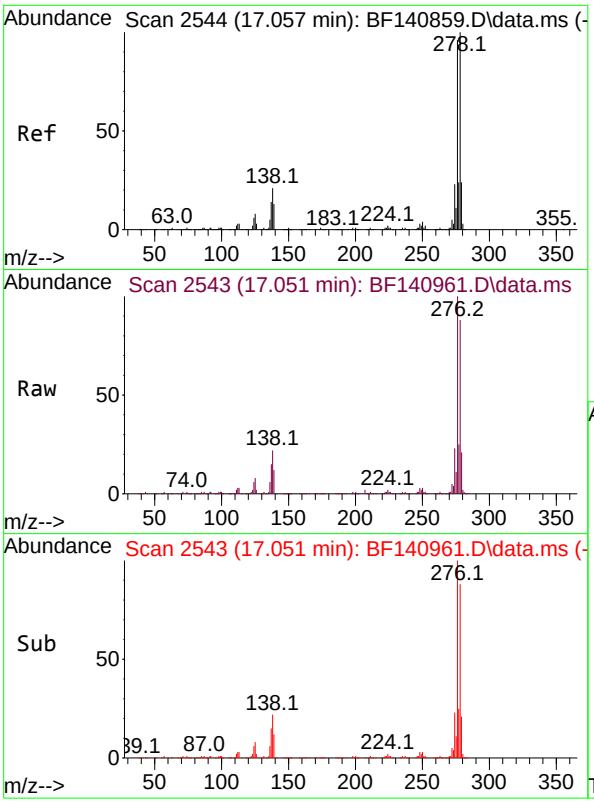


#90
Benzo(a)pyrene
Concen: 43.101 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:252 Resp: 337440

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	9.3	7.5	11.3





#91
Dibenzo(a,h)anthracene
Concen: 54.038 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

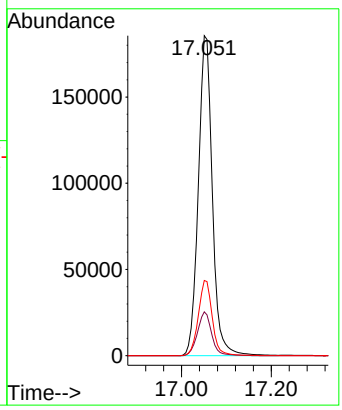
Tgt Ion:278 Resp: 40239

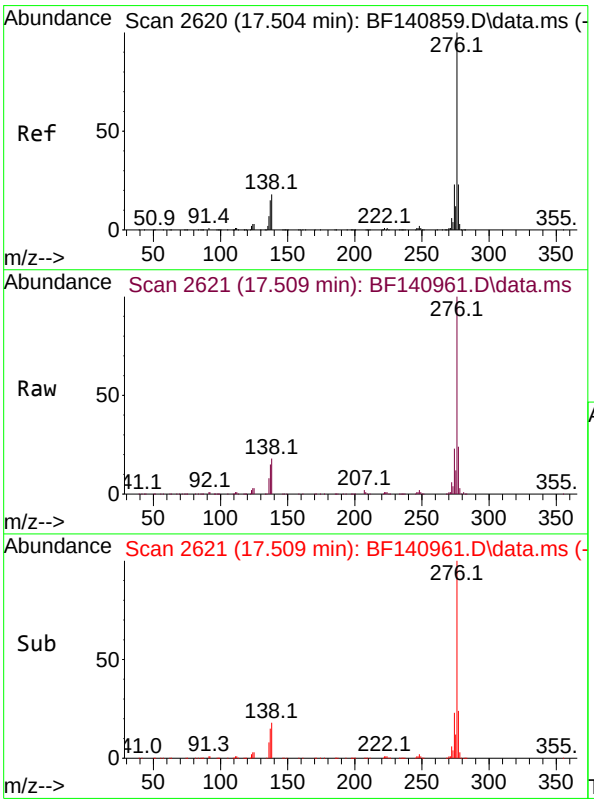
Ion	Ratio	Lower	Upper
278	100		
139	13.7	10.6	16.0
279	23.5	19.2	28.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

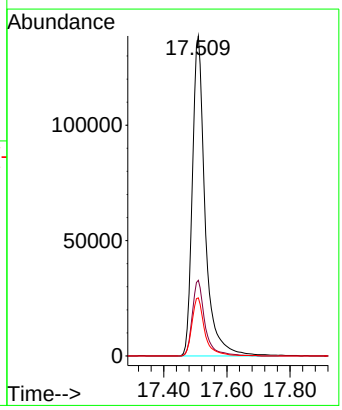




#92
Benzo(g,h,i)perylene
Concen: 51.504 ng
RT: 17.509 min Scan# 2621
Delta R.T. 0.006 min
Lab File: BF140961.D
Acq: 23 Dec 2024 10:18

Tgt Ion:276 Resp: 390342

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	18.2	14.2	21.2



Sample Results: **BF140961.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140961.D
Acq On : 23 Dec 2024 10:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 23 13:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
2		1,4-Dioxane	0.523	0.488	6.7	76	-0.03
3		Pyridine	1.212	1.129	6.8	73	-0.03
4		n-Nitrosodimethylamine	0.611	0.558	8.7	73	-0.02
5	S	2-Fluorophenol	1.215	1.270	-4.5	83	0.00
6		Aniline	1.376	1.332	3.2	76	0.00
7	S	Phenol-d6	1.609	1.609	0.0	81	0.00
8		2-Chlorophenol	1.325	1.346	-1.6	81	0.00
9		Benzaldehyde	0.892	0.787	11.8	72	0.00
10	C	Phenol	1.668	1.652	1.0	80	0.00
11		bis(2-Chloroethyl)ether	1.244	1.265	-1.7	81	0.00
12		1,3-Dichlorobenzene	1.510	1.568	-3.8	84	0.00
13	C	1,4-Dichlorobenzene	1.532	1.570	-2.5	83	0.00
14		1,2-Dichlorobenzene	1.446	1.507	-4.2	83	0.00
15		Benzyl Alcohol	1.151	1.145	0.5	78	0.00
16		2,2'-oxybis(1-Chloropropane	1.465	1.442	1.6	79	0.00
17		2-Methylphenol	1.058	1.055	0.3	80	0.00
18		Hexachloroethane	0.570	0.563	1.2	80	0.00
19	P	n-Nitroso-di-n-propylamine	0.965	0.928	3.8	79	0.00
20		3+4-Methylphenols	1.403	1.418	-1.1	82	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	75	0.00
22		Acetophenone	0.500	0.532	-6.4	81	0.00
23	S	Nitrobenzene-d5	0.400	0.411	-2.7	78	0.00
24		Nitrobenzene	0.410	0.418	-2.0	78	0.00
25		Isophorone	0.670	0.687	-2.5	79	0.00
26	C	2-Nitrophenol	0.189	0.201	-6.3	80	0.00
27		2,4-Dimethylphenol	0.220	0.230	-4.5	78	0.00
28		bis(2-Chloroethoxy)methane	0.418	0.436	-4.3	78	0.00
29	C	2,4-Dichlorophenol	0.304	0.325	-6.9	81	0.00
30		1,2,4-Trichlorobenzene	0.349	0.376	-7.7	82	0.00
31		Naphthalene	1.099	1.150	-4.6	81	0.00
32		Benzoic acid	0.209	0.202	3.3	71	0.00
33		4-Chloroaniline	0.365	0.371	-1.6	77	0.00
34	C	Hexachlorobutadiene	0.235	0.252	-7.2	81	0.00
35		Caprolactam	0.091	0.087	4.4	72	0.00
36	C	4-Chloro-3-methylphenol	0.342	0.340	0.6	75	0.00
37		2-Methylnaphthalene	0.727	0.745	-2.5	77	0.00
38		1-Methylnaphthalene	0.719	0.738	-2.6	78	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	68	0.00
40		1,2,4,5-Tetrachlorobenzene	0.615	0.684	-11.2	80	0.00
41	P	Hexachlorocyclopentadiene	0.153	0.090	41.2#	43#	0.00
42	S	2,4,6-Tribromophenol	0.237	0.231	2.5	65	0.00
43	C	2,4,6-Trichlorophenol	0.376	0.387	-2.9	73	0.00
44		2,4,5-Trichlorophenol	0.414	0.408	1.4	70	0.00
45	S	2-Fluorobiphenyl	1.455	1.547	-6.3	77	0.00
46		1,1'-Biphenyl	1.590	1.705	-7.2	77	0.00
47		2-Chloronaphthalene	1.217	1.302	-7.0	76	0.00

Sample Results: **BF140961.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140961.D
Acq On : 23 Dec 2024 10:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 23 13:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.367	0.363	1.1	69	0.00
49		Acenaphthylene	1.788	1.907	-6.7	75	0.00
50		Dimethylphthalate	1.410	1.434	-1.7	72	0.00
51		2,6-Dinitrotoluene	0.322	0.330	-2.5	72	0.00
52	C	Acenaphthene	1.142	1.220	-6.8	75	0.00
53		3-Nitroaniline	0.320	0.318	0.6	69	0.00
54	P	2,4-Dinitrophenol	0.132	0.127	3.8	65	0.01
55		Dibenzofuran	1.770	1.832	-3.5	72	0.00
56	P	4-Nitrophenol	0.150	0.059	60.7#	24#	0.02
57		2,4-Dinitrotoluene	0.424	0.432	-1.9	70	0.00
58		Fluorene	1.460	1.479	-1.3	70	0.00
59		2,3,4,6-Tetrachlorophenol	0.337	0.334	0.9	64	0.00
60		Diethylphthalate	1.462	1.469	-0.5	70	0.00
61		4-Chlorophenyl-phenylether	0.733	0.762	-4.0	72	0.00
62		4-Nitroaniline	0.334	0.316	5.4	64	0.00
63		Azobenzene	1.375	1.339	2.6	67	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	61	0.00
65		4,6-Dinitro-2-methylphenol	0.113	0.118	-4.4	62	0.00
66	c	n-Nitrosodiphenylamine	0.615	0.681	-10.7	70	0.00
67		4-Bromophenyl-phenylether	0.224	0.246	-9.8	69	0.00
68		Hexachlorobenzene	0.254	0.280	-10.2	70	0.00
69		Atrazine	0.172	0.163	5.2	60	0.00
70	C	Pentachlorophenol	0.093	0.088	5.4	55	0.01
71		Phenanthrene	1.028	1.096	-6.6	68	0.00
72		Anthracene	1.013	1.060	-4.6	67	0.00
73		Carbazole	0.992	0.984	0.8	63	0.00
74		Di-n-butylphthalate	1.164	1.188	-2.1	65	0.00
75	C	Fluoranthene	1.184	1.156	2.4	63	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	56	0.00
77		Benzidine	0.408	0.342	16.2	47#	0.00
78		Pyrene	1.779	1.913	-7.5	63	0.00
79	S	Terphenyl-d14	1.268	1.364	-7.6	63	0.00
80		Butylbenzylphthalate	0.654	0.652	0.3	56	0.00
81		Benzo(a)anthracene	1.417	1.454	-2.6	60	0.00
82		3,3'-Dichlorobenzidine	0.428	0.467	-9.1	63	0.00
83		Chrysene	1.289	1.360	-5.5	60	0.00
84		Bis(2-ethylhexyl)phthalate	0.844	0.861	-2.0	59	0.00
85	c	Di-n-octyl phthalate	1.277	1.362	-6.7	62	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	71	-0.01
87		Indeno(1,2,3-cd)pyrene	1.248	1.671	-33.9#	94	0.00
88		Benzo(b)fluoranthene	1.388	1.266	8.8	69	-0.01
89		Benzo(k)fluoranthene	1.191	1.270	-6.6	74	-0.01
90	C	Benzo(a)pyrene	1.087	1.171	-7.7	78	0.00
91		Dibenzo(a,h)anthracene	1.034	1.397	-35.1#	94	0.00
92		Benzo(g,h,i)perylene	1.052	1.355	-28.8#	90	0.00

Sample Results: **BF140961.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140961.D
Acq On : 23 Dec 2024 10:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 23 13:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BF140961.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140961.D
Acq On : 23 Dec 2024 10:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 23 13:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	79	0.00
2		1,4-Dioxane	40.000	37.265	6.8	76	-0.03
3		Pyridine	40.000	37.266	6.8	73	-0.03
4		n-Nitrosodimethylamine	40.000	36.546	8.6	73	-0.02
5	S	2-Fluorophenol	80.000	83.614	-4.5	83	0.00
6		Aniline	40.000	38.717	3.2	76	0.00
7	S	Phenol-d6	80.000	79.989	0.0	81	0.00
8		2-Chlorophenol	40.000	40.638	-1.6	81	0.00
9		Benzaldehyde	40.000	35.296	11.8	72	0.00
10	C	Phenol	40.000	39.625	0.9	80	0.00
11		bis(2-Chloroethyl)ether	40.000	40.682	-1.7	81	0.00
12		1,3-Dichlorobenzene	40.000	41.546	-3.9	84	0.00
13	C	1,4-Dichlorobenzene	40.000	40.980	-2.4	83	0.00
14		1,2-Dichlorobenzene	40.000	41.690	-4.2	83	0.00
15		Benzyl Alcohol	40.000	39.822	0.4	78	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.371	1.6	79	0.00
17		2-Methylphenol	40.000	39.908	0.2	80	0.00
18		Hexachloroethane	40.000	39.498	1.3	80	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.454	3.9	79	0.00
20		3+4-Methylphenols	40.000	40.426	-1.1	82	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	75	0.00
22		Acetophenone	40.000	42.548	-6.4	81	0.00
23	S	Nitrobenzene-d5	80.000	82.270	-2.8	78	0.00
24		Nitrobenzene	40.000	40.811	-2.0	78	0.00
25		Isophorone	40.000	41.003	-2.5	79	0.00
26	C	2-Nitrophenol	40.000	42.656	-6.6	80	0.00
27		2,4-Dimethylphenol	40.000	41.709	-4.3	78	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.726	-4.3	78	0.00
29	C	2,4-Dichlorophenol	40.000	42.771	-6.9	81	0.00
30		1,2,4-Trichlorobenzene	40.000	43.138	-7.8	82	0.00
31		Naphthalene	40.000	41.875	-4.7	81	0.00
32		Benzoic acid	40.000	38.690	3.3	71	0.00
33		4-Chloroaniline	40.000	40.690	-1.7	77	0.00
34	C	Hexachlorobutadiene	40.000	42.974	-7.4	81	0.00
35		Caprolactam	40.000	38.383	4.0	72	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.729	0.7	75	0.00
37		2-Methylnaphthalene	40.000	41.017	-2.5	77	0.00
38		1-Methylnaphthalene	40.000	41.045	-2.6	78	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	68	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	44.518	-11.3	80	0.00
41	P	Hexachlorocyclopentadiene	40.000	28.993	27.5#	43	0.00
42	S	2,4,6-Tribromophenol	80.000	78.014	2.5	65	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.160	-2.9	73	0.00
44		2,4,5-Trichlorophenol	40.000	39.447	1.4	70	0.00
45	S	2-Fluorobiphenyl	80.000	85.064	-6.3	77	0.00
46		1,1'-Biphenyl	40.000	42.884	-7.2	77	0.00
47		2-Chloronaphthalene	40.000	42.810	-7.0	76	0.00

Sample Results: **BF140961.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140961.D
Acq On : 23 Dec 2024 10:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 23 13:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.472	1.3	69	0.00
49		Acenaphthylene	40.000	42.672	-6.7	75	0.00
50		Dimethylphthalate	40.000	40.670	-1.7	72	0.00
51		2,6-Dinitrotoluene	40.000	40.993	-2.5	72	0.00
52	C	Acenaphthene	40.000	42.722	-6.8	75	0.00
53		3-Nitroaniline	40.000	39.755	0.6	69	0.00
54	P	2,4-Dinitrophenol	40.000	36.222	9.4	65	0.01
55		Dibenzofuran	40.000	41.397	-3.5	72	0.00
56	P	4-Nitrophenol	40.000	17.424	56.4#	24	0.02
57		2,4-Dinitrotoluene	40.000	40.743	-1.9	70	0.00
58		Fluorene	40.000	40.509	-1.3	70	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.612	1.0	64	0.00
60		Diethylphthalate	40.000	40.193	-0.5	70	0.00
61		4-Chlorophenyl-phenylether	40.000	41.560	-3.9	72	0.00
62		4-Nitroaniline	40.000	37.852	5.4	64	0.00
63		Azobenzene	40.000	38.978	2.6	67	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	61	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.684	-4.2	62	0.00
66	c	n-Nitrosodiphenylamine	40.000	44.326	-10.8	70	0.00
67		4-Bromophenyl-phenylether	40.000	44.024	-10.1	69	0.00
68		Hexachlorobenzene	40.000	44.116	-10.3	70	0.00
69		Atrazine	40.000	38.039	4.9	60	0.00
70	C	Pentachlorophenol	40.000	37.863	5.3	55	0.01
71		Phenanthrene	40.000	42.612	-6.5	68	0.00
72		Anthracene	40.000	41.869	-4.7	67	0.00
73		Carbazole	40.000	39.666	0.8	63	0.00
74		Di-n-butylphthalate	40.000	40.820	-2.1	65	0.00
75	C	Fluoranthene	40.000	39.052	2.4	63	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	56	0.00
77		Benzidine	40.000	33.531	16.2	47	0.00
78		Pyrene	40.000	43.035	-7.6	63	0.00
79	S	Terphenyl-d14	80.000	86.022	-7.5	63	0.00
80		Butylbenzylphthalate	40.000	39.859	0.4	56	0.00
81		Benzo(a)anthracene	40.000	41.017	-2.5	60	0.00
82		3,3'-Dichlorobenzidine	40.000	43.644	-9.1	63	0.00
83		Chrysene	40.000	42.211	-5.5	60	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.838	-2.1	59	0.00
85	c	Di-n-octyl phthalate	40.000	42.687	-6.7	62	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	71	-0.01
87		Indeno(1,2,3-cd)pyrene	40.000	53.544	-33.9#	94	0.00
88		Benzo(b)fluoranthene	40.000	36.465	8.8	69	-0.01
89		Benzo(k)fluoranthene	40.000	42.658	-6.6	74	-0.01
90	C	Benzo(a)pyrene	40.000	43.101	-7.8	78	0.00
91		Dibenzo(a,h)anthracene	40.000	54.038	-35.1#	94	0.00
92		Benzo(g,h,i)perylene	40.000	51.504	-28.8#	90	0.00

Sample Results: **BF140961.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140961.D
Acq On : 23 Dec 2024 10:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 23 13:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

QC SAMPLE DATA

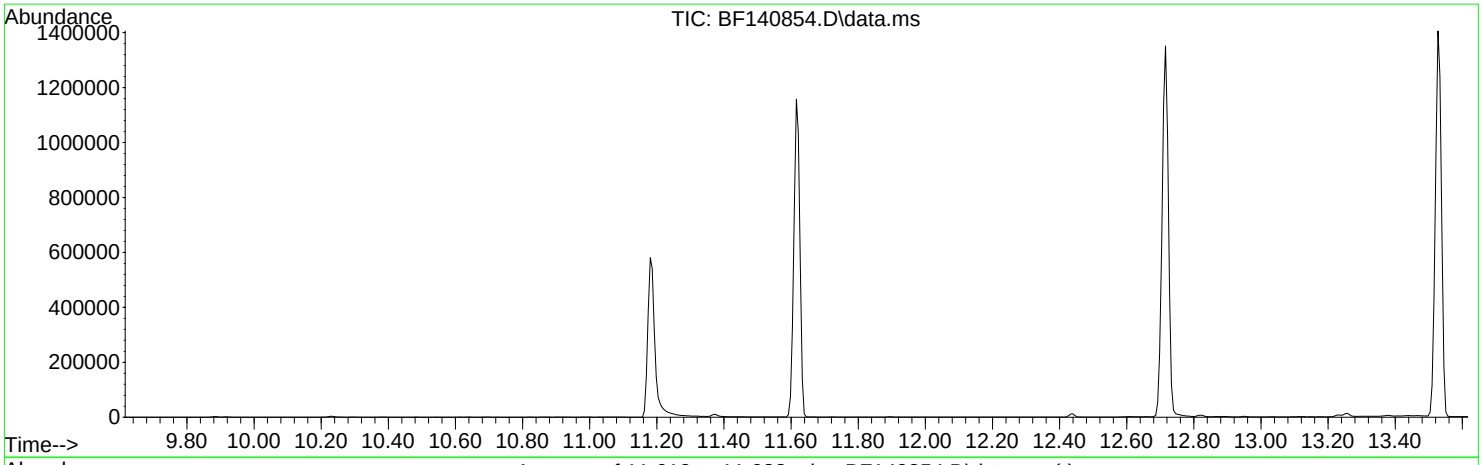
Sample Results: **BF140854.D**

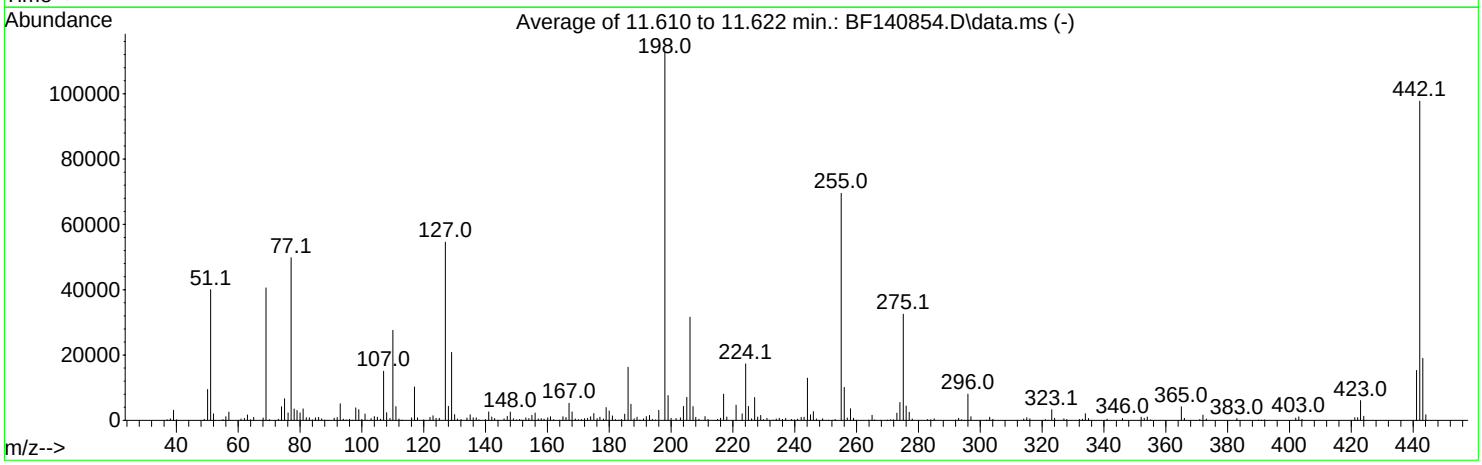
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140854.D
Acq On : 16 Dec 2024 11:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Dec 16 16:59:50 2024





AutoFind: Scans 1618, 1619, 1620; Background Corrected with Scan 1612

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	35.6	40051	PASS
68	69	0.00	2	1.9	751	PASS
69	198	0.00	100	36.0	40557	PASS
70	69	0.00	2	0.6	252	PASS
127	198	10	80	48.5	54581	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	112637	PASS
199	198	5	9	6.7	7601	PASS
275	198	10	60	28.9	32549	PASS
365	198	1	100	3.7	4169	PASS
441	198	0.01	100	13.6	15301	PASS
442	442	50	100	100.0	97731	PASS
443	442	15	24	19.4	18998	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
12/16/2024	BNA_F	BF140854.D
Compound Name	**Response**	**Retention Time**
DDT	360303	13.527
DDD	6357	13.257
DDE	1383	12.892
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
7740	368043	2.10

Instrument :
BNA_F
ClientSampleId :
DFTPP

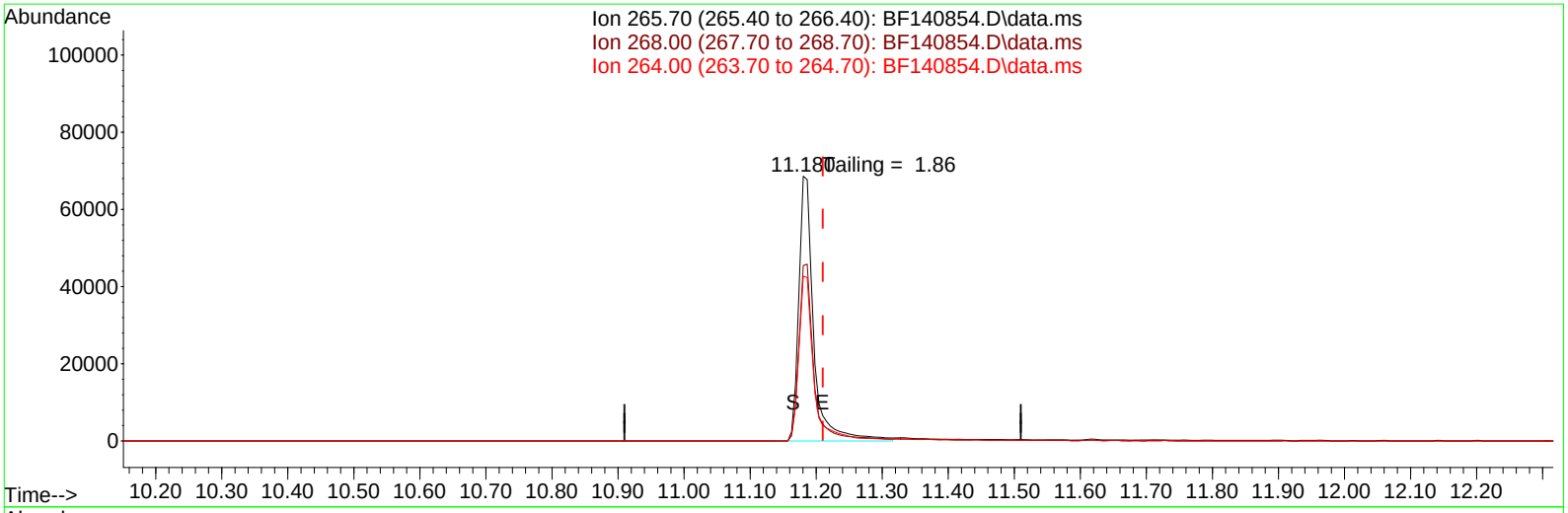
Quantitation Report (Qedit)

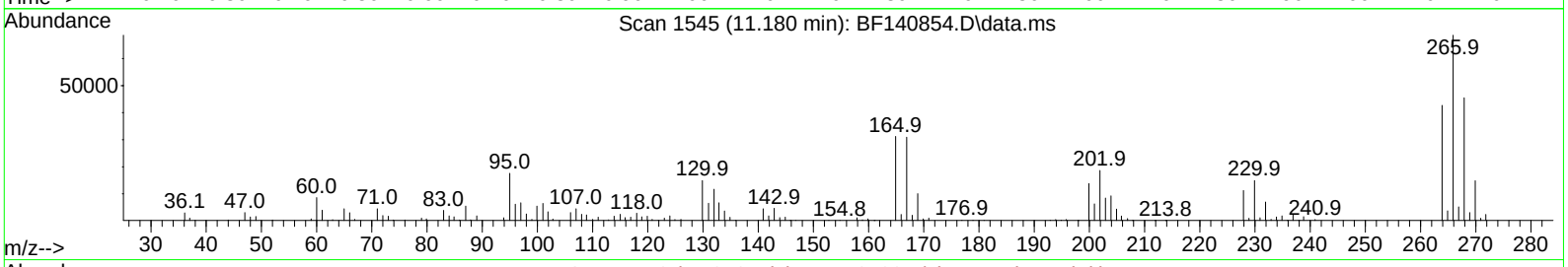
Sample Results: **BF140854.D**

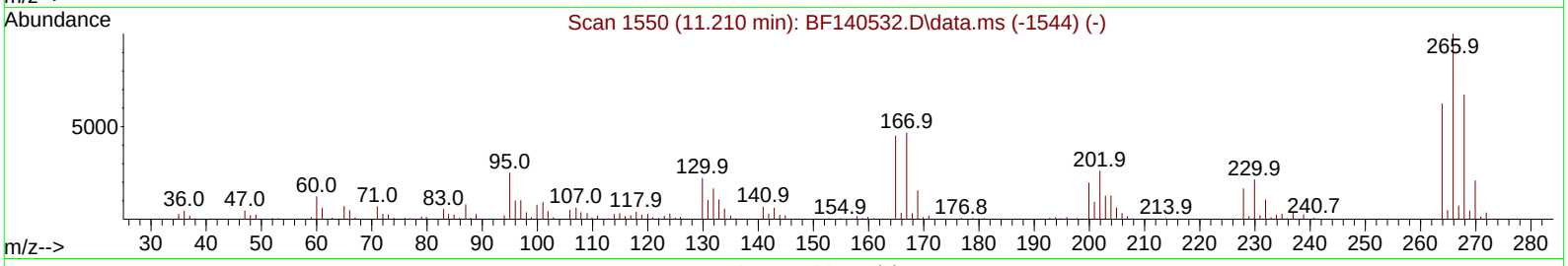
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140854.D
Acq On : 16 Dec 2024 11:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 16 12:02:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration







TIC: BF140854.D\data.ms

(70) Pentachlorophenol (C)

11.180min (-0.030) 3894.75 ng m

response 108541

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.10	66.31
264.00	62.30	62.20
0.00	0.00	0.00

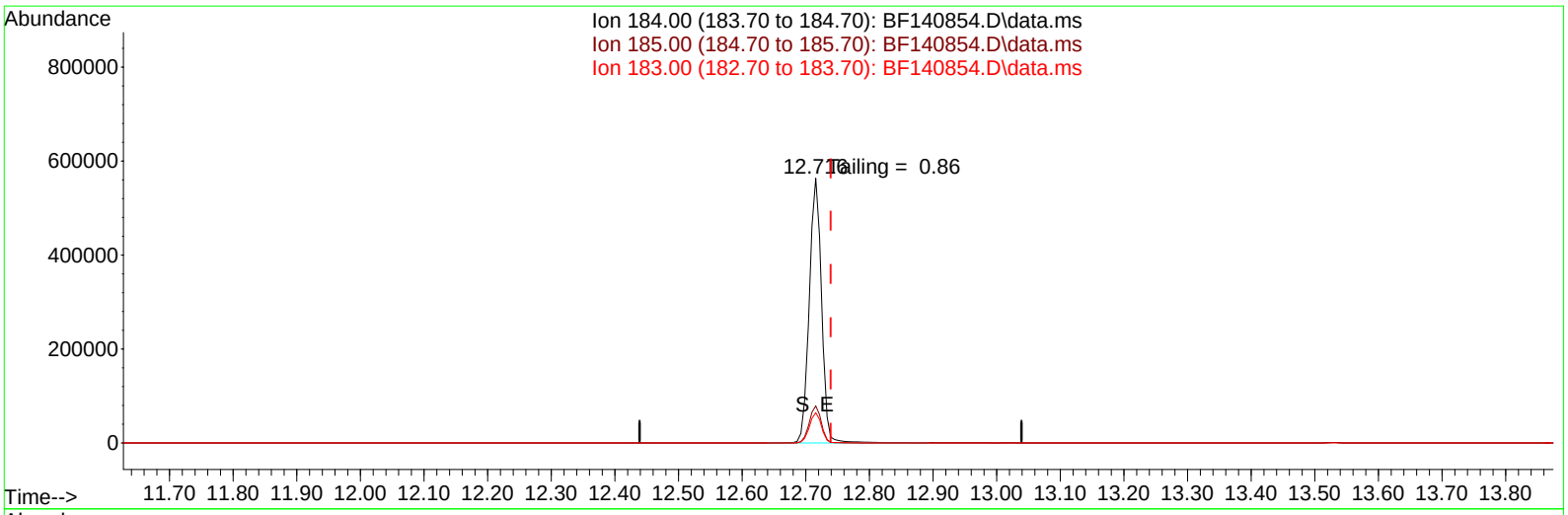
Quantitation Report (Qedit)

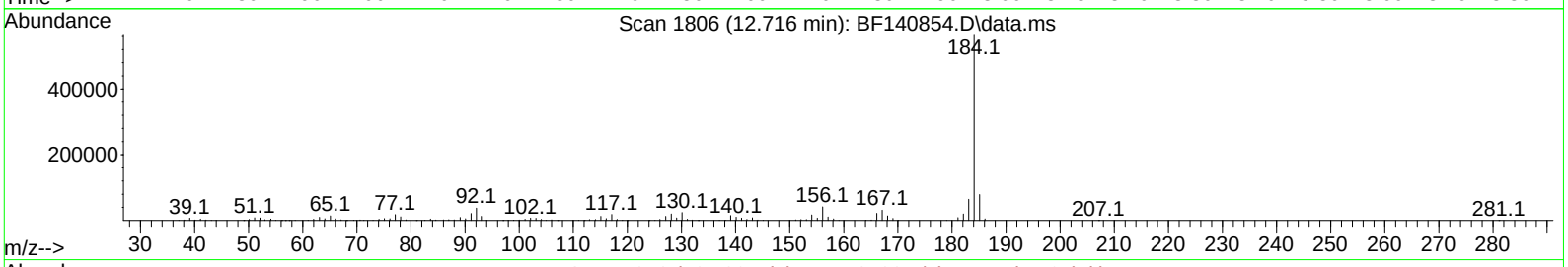
Sample Results: **BF140854.D**

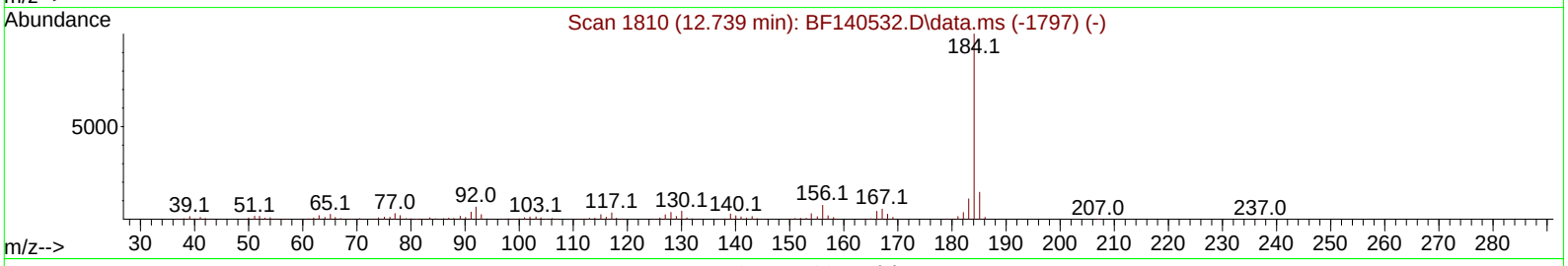
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140854.D
Acq On : 16 Dec 2024 11:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 16 12:02:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration







TIC: BF140854.D\data.ms

(77) Benzidine

12.716min (-0.023) 4792.75 ng

response 759160

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.01
183.00	11.00	11.44
0.00	0.00	0.00

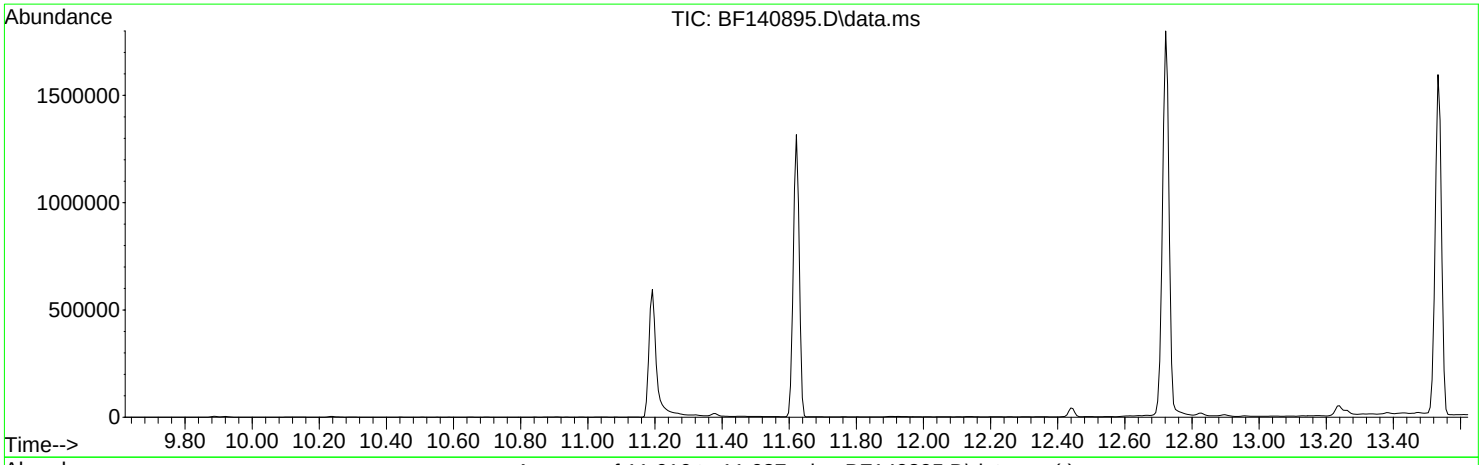
Sample Results: **BF140895.D**

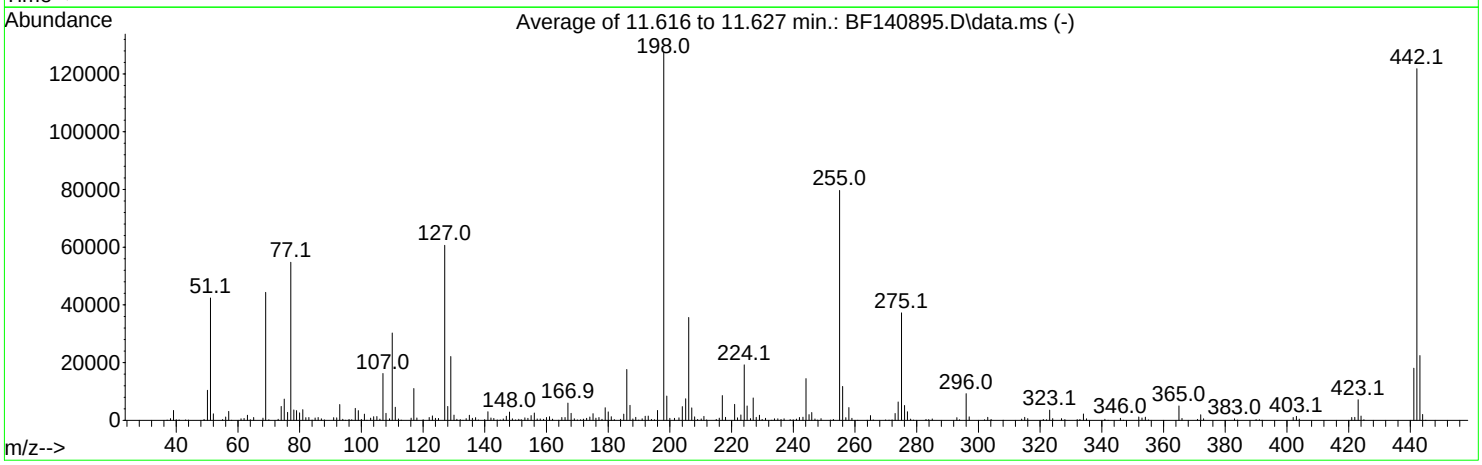
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140895.D
Acq On : 18 Dec 2024 09:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Dec 16 16:59:50 2024





AutoFind: Scans 1619, 1620, 1621; Background Corrected with Scan 1612

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.3	42411	PASS
68	69	0.00	2	1.7	771	PASS
69	198	0.00	100	34.8	44341	PASS
70	69	0.00	2	0.5	230	PASS
127	198	10	80	47.6	60667	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	127443	PASS
199	198	5	9	6.6	8447	PASS
275	198	10	60	29.2	37243	PASS
365	198	1	100	3.9	4975	PASS
441	198	0.01	100	14.2	18050	PASS
442	442	50	100	100.0	121843	PASS
443	442	15	24	18.4	22475	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
12/18/2024	BNA_F	BF140895.D
Compound Name	**Response**	**Retention Time**
DDT	415662	13.533
DDD	22730	13.239
DDE	2369	12.898
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
25099	440761	5.69

Instrument :
BNA_F
ClientSampleId :
DFTPP

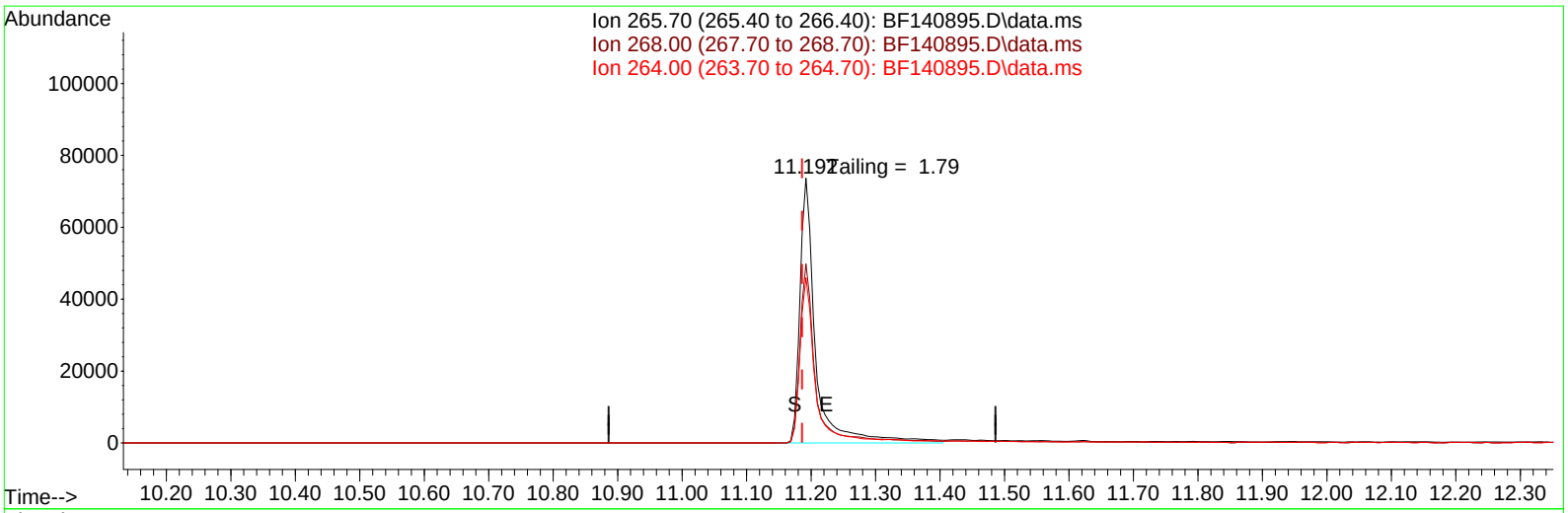
Quantitation Report (Qedit)

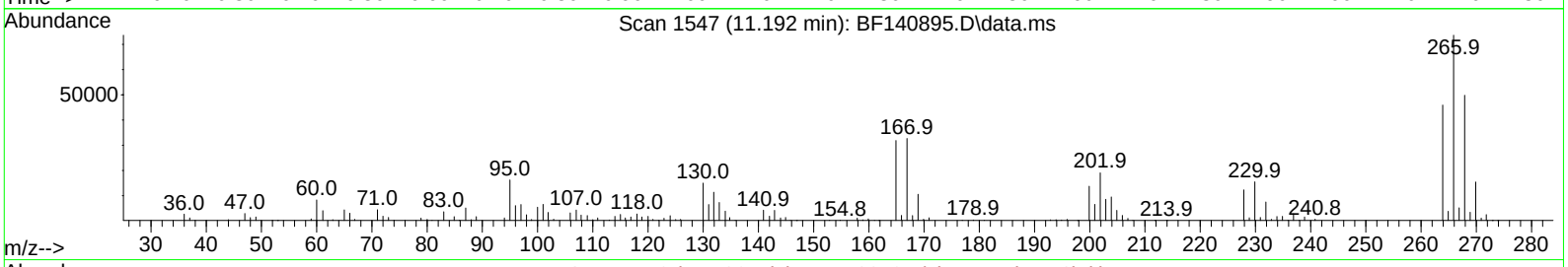
Sample Results: **BF140895.D**

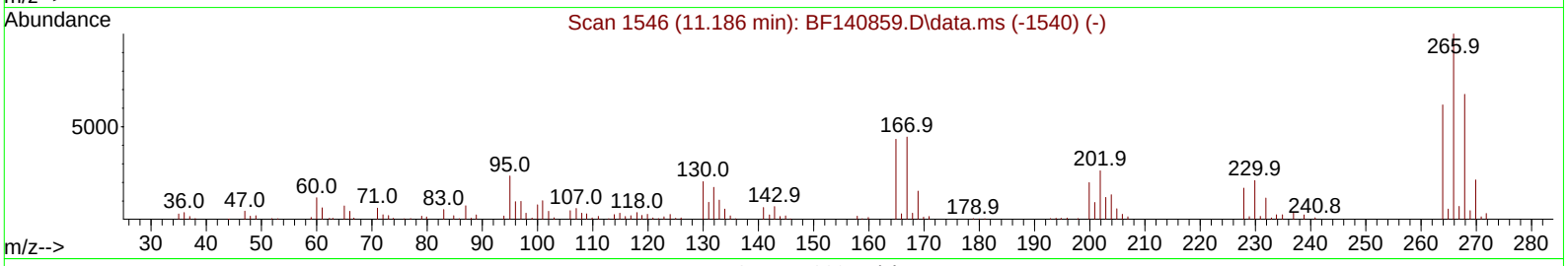
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140895.D
Acq On : 18 Dec 2024 09:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 18 11:45:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration







TIC: BF140895.D\data.ms

(70) Pentachlorophenol (C)

11.192min (+ 0.006) 3663.45 ng m

response 126345

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.50	67.63
264.00	61.80	62.34
0.00	0.00	0.00

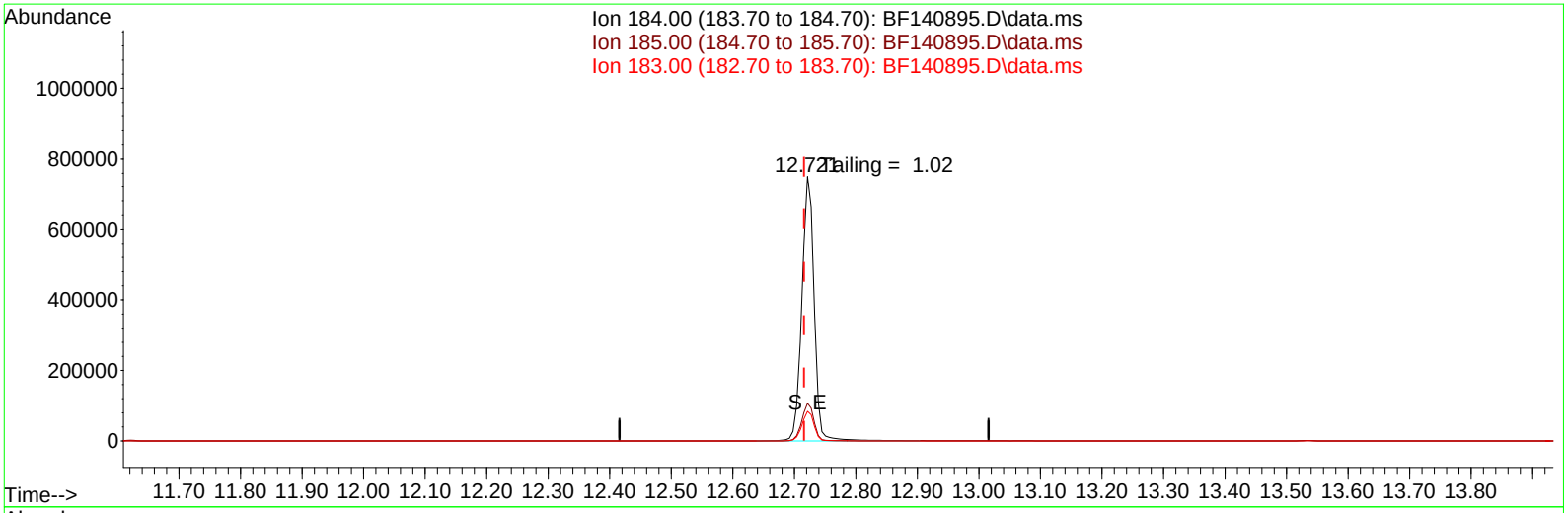
Quantitation Report (Qedit)

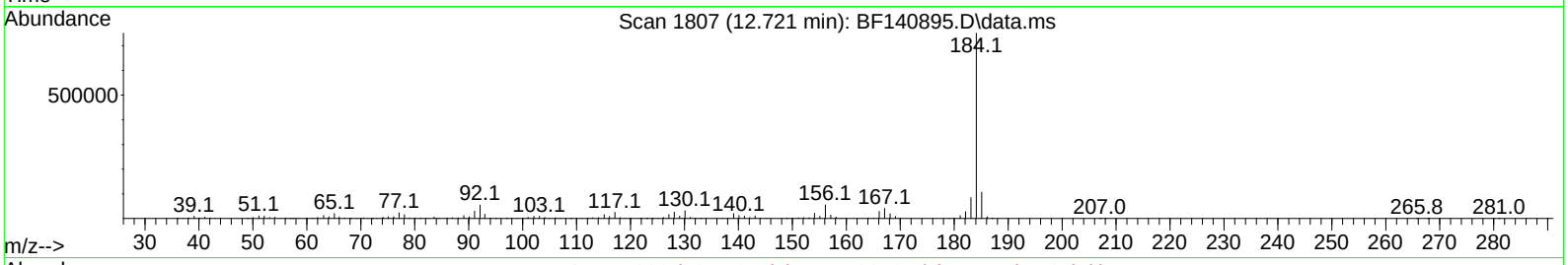
Sample Results: **BF140895.D**

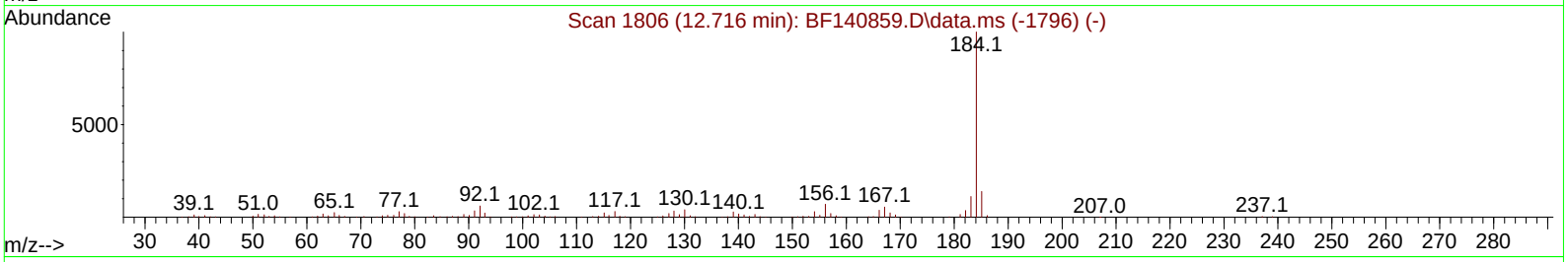
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140895.D
Acq On : 18 Dec 2024 09:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 18 11:45:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration







TIC: BF140895.D\data.ms

(77) Benzidine

12.721min (+ 0.005) 6539.55 ng

response 1054410

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.90	14.27
183.00	11.20	11.25
0.00	0.00	0.00

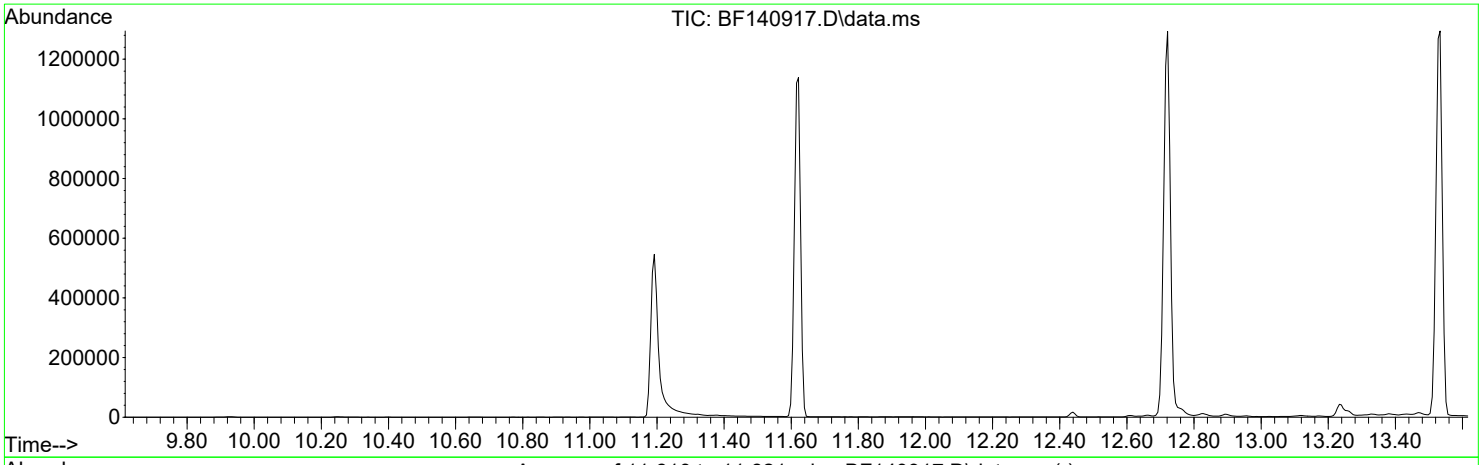
Sample Results: **BF140917.D**

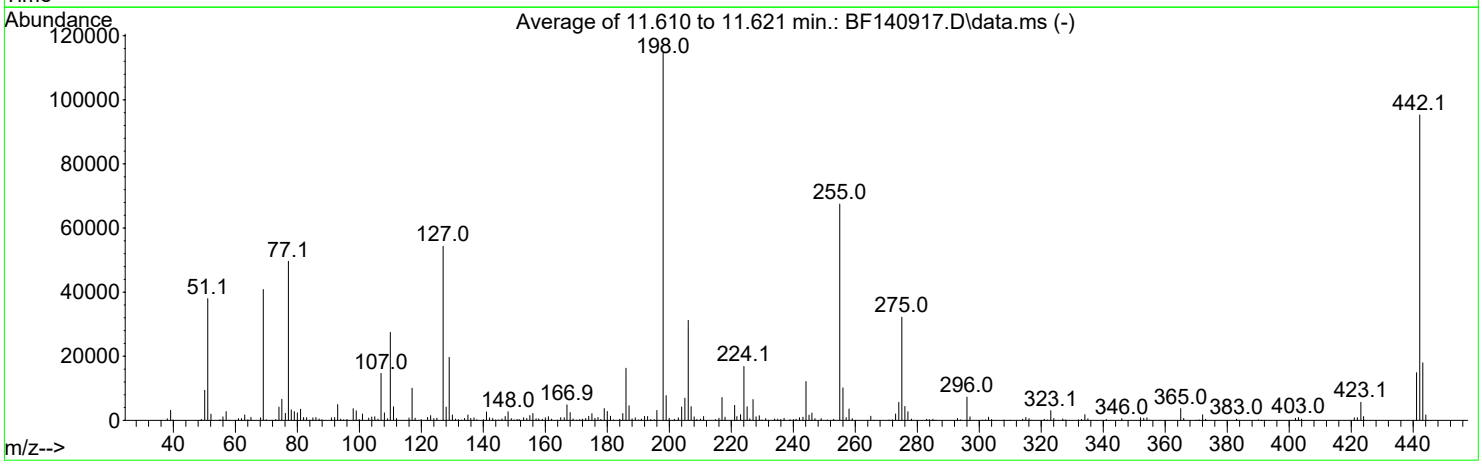
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140917.D
Acq On : 19 Dec 2024 10:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Dec 16 16:59:50 2024





AutoFind: Scans 1618, 1619, 1620; Background Corrected with Scan 1612

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.1	37984	PASS
68	69	0.00	2	2.0	803	PASS
69	198	0.00	100	35.6	40840	PASS
70	69	0.00	2	0.5	215	PASS
127	198	10	80	47.3	54309	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	114771	PASS
199	198	5	9	6.8	7753	PASS
275	198	10	60	28.1	32213	PASS
365	198	1	100	3.2	3709	PASS
441	198	0.01	100	13.0	14889	PASS
442	442	50	100	100.0	95291	PASS
443	442	15	24	18.9	17985	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
12/19/2024	BNA_F	BF1408917.D
Compound Name	**Response**	**Retention Time**
DDT	347372	13.533
DDD	20697	13.239
DDE	3231	12.898
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
23928	371300	6.44

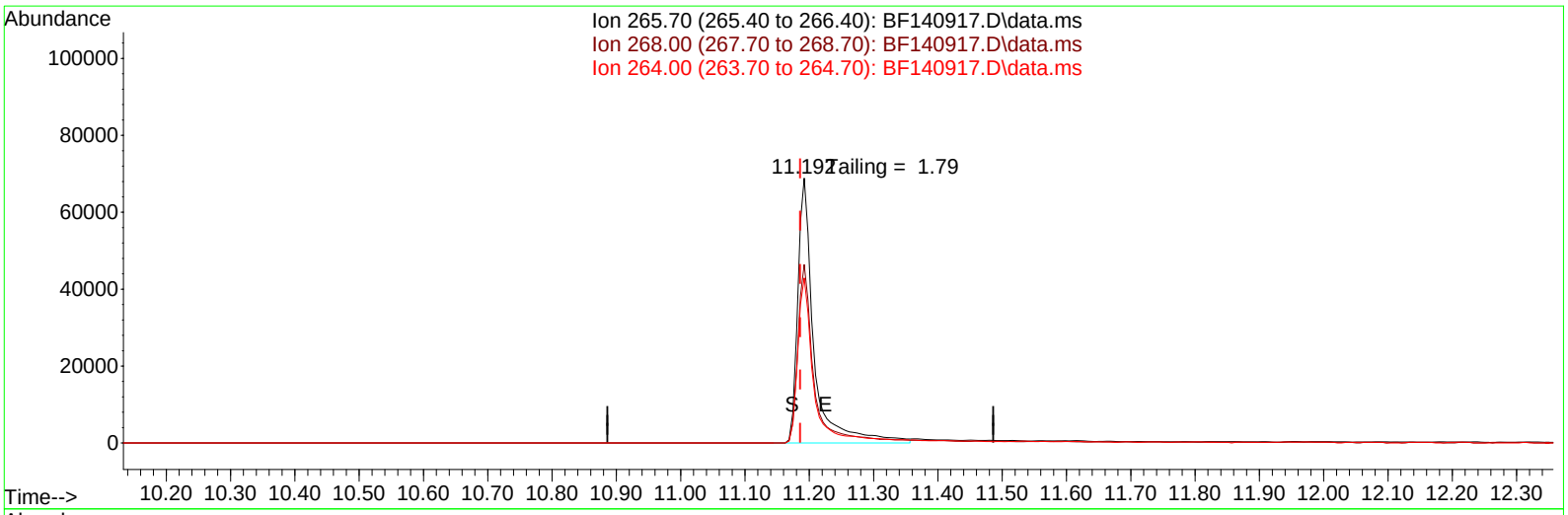
Instrument :
BNA_F
ClientSampleId :
DFTPP

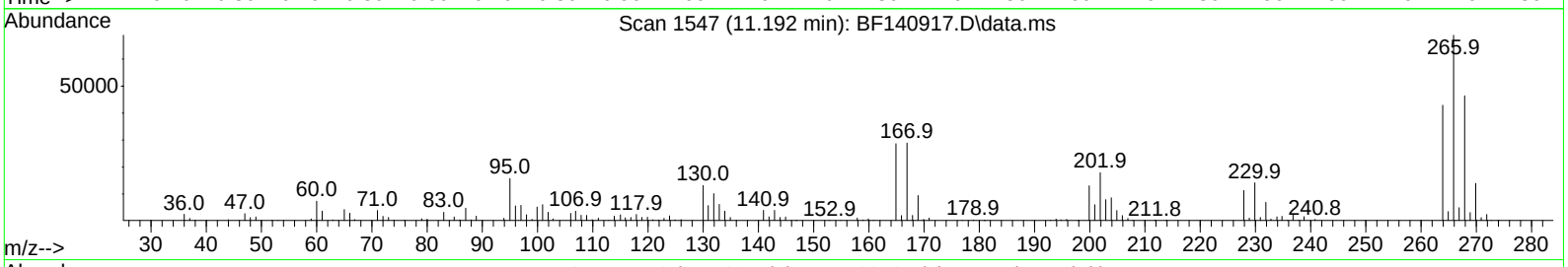
Sample Results: **BF140917.D**

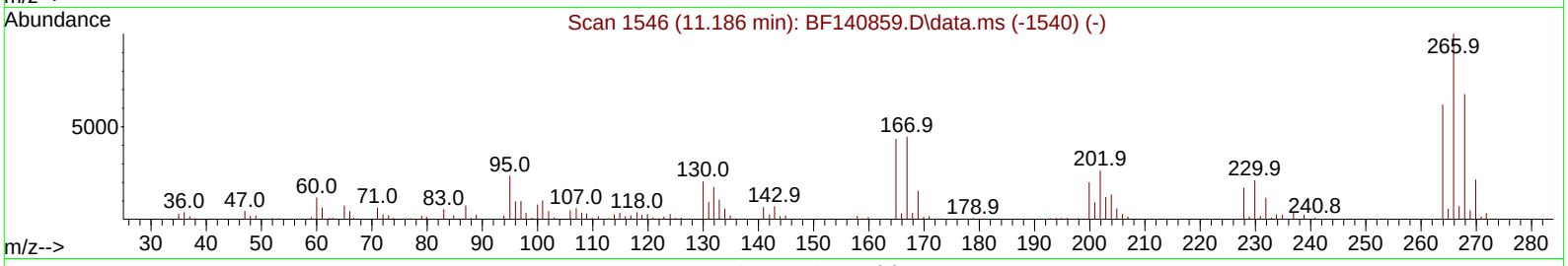
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140917.D
Acq On : 19 Dec 2024 10:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 19 12:07:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration







TIC: BF140917.D\data.ms

(70) Pentachlorophenol (C)

11.192min (+ 0.006) 16315.61 ng

response 121966

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.50	67.35
264.00	61.80	62.33
0.00	0.00	0.00

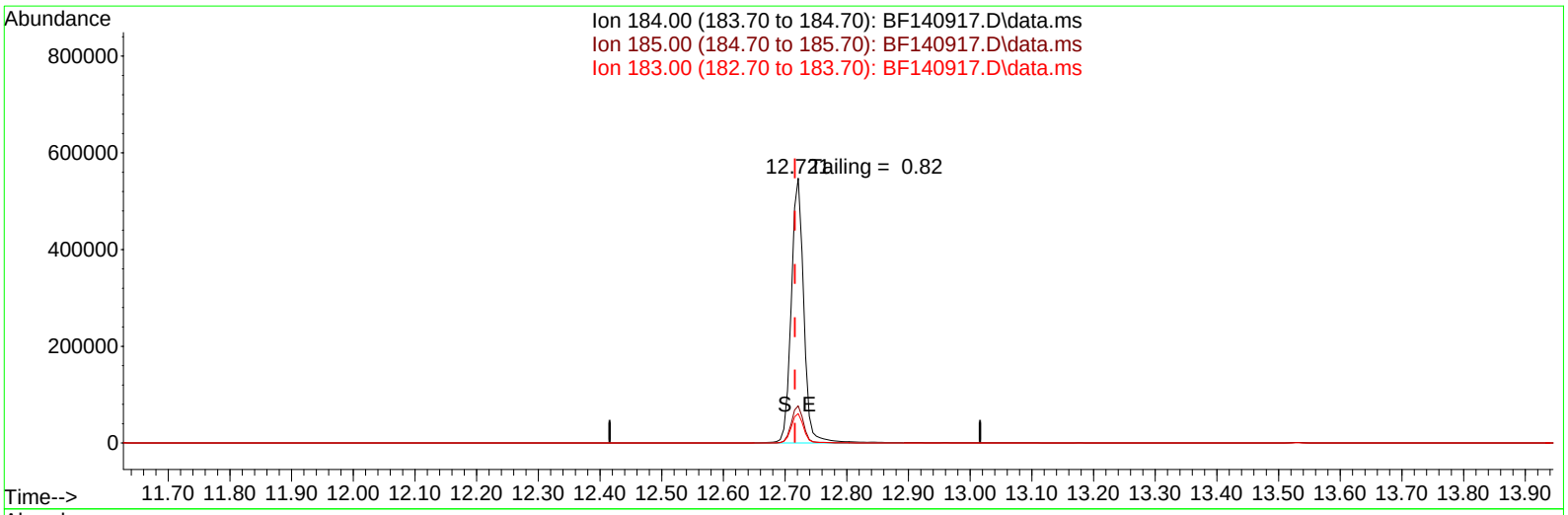
Quantitation Report (Qedit)

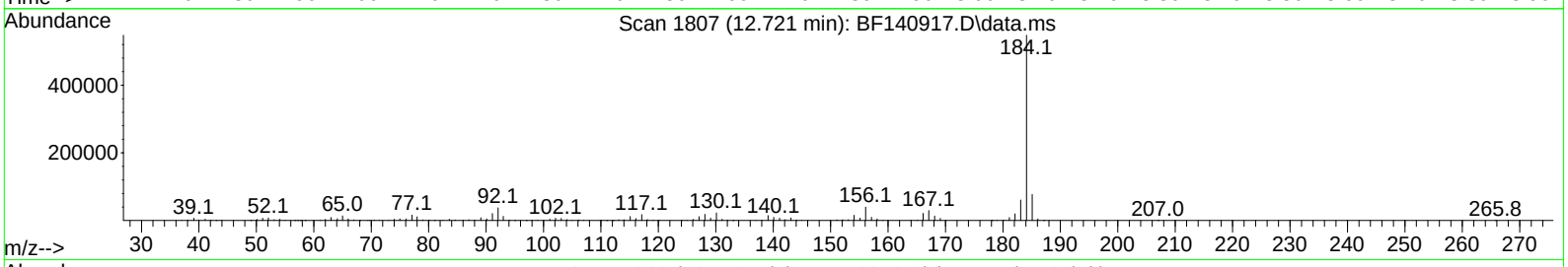
Sample Results: **BF140917.D**

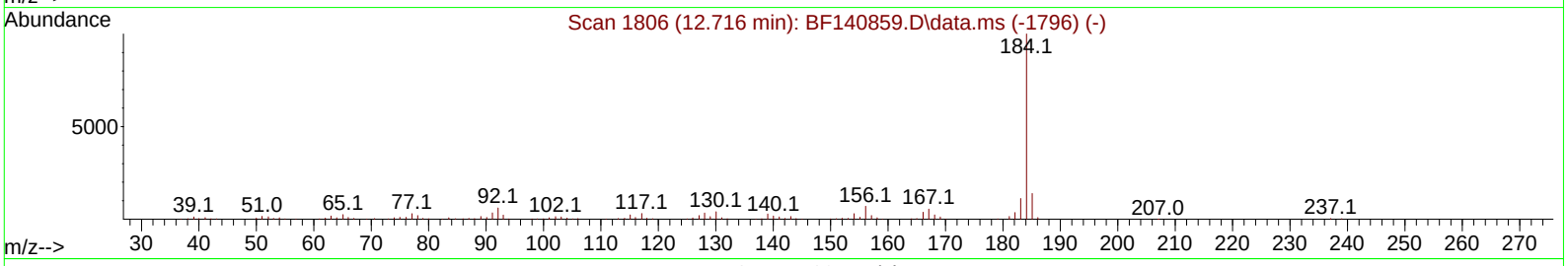
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140917.D
Acq On : 19 Dec 2024 10:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 19 12:07:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration







TIC: BF140917.D\data.ms

(77) Benzidine

12.721min (+ 0.005) 26320.69 ng

response 778933

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.90	14.04
183.00	11.20	11.10
0.00	0.00	0.00

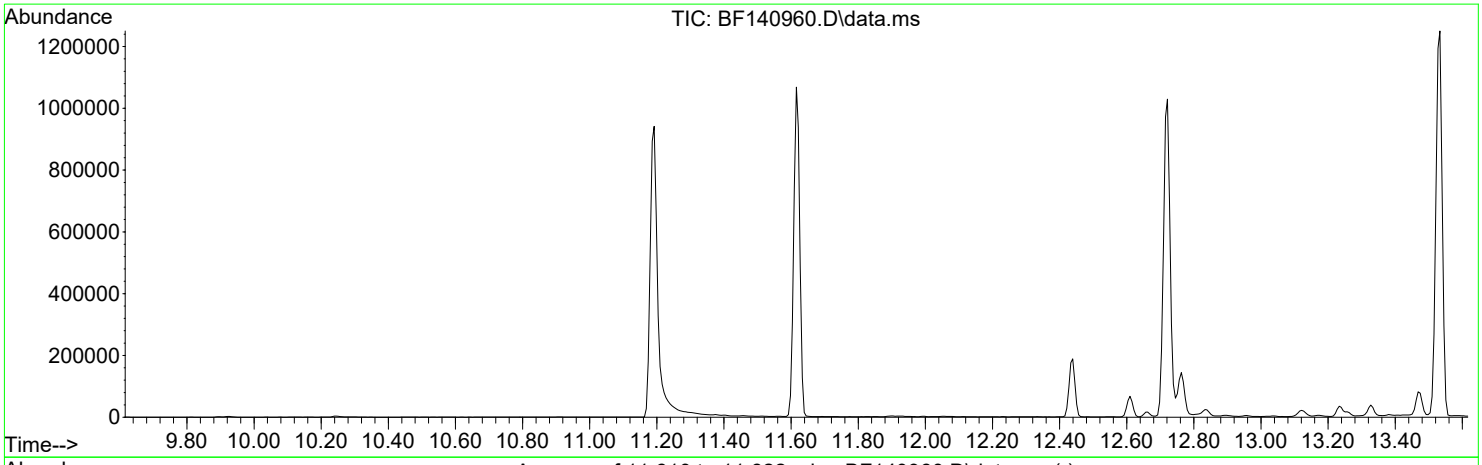
Sample Results: **BF140960.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140960.D
Acq On : 23 Dec 2024 09:05
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-BF121624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Dec 16 16:59:50 2024



AutoFind: Scans 1618, 1619, 1620; Background Corrected with Scan 1612

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	31.8	33216	PASS
68	69	0.00	2	1.6	610	PASS
69	198	0.00	100	35.4	36976	PASS
70	69	0.00	2	0.4	131	PASS
127	198	10	80	47.9	49984	PASS
197	198	0.00	2	0.5	552	PASS
198	198	100	100	100.0	104365	PASS
199	198	5	9	6.6	6939	PASS
275	198	10	60	29.8	31069	PASS
365	198	1	100	3.3	3490	PASS
441	198	0.01	100	14.4	15051	PASS
442	442	50	100	100.0	98797	PASS
443	442	15	24	19.5	19272	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
12/23/2024	BNA_F	BF140960.D
Compound Name	**Response**	**Retention Time**
DDT	336428	13.533
DDD	15941	13.233
DDE	2131	12.898
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
18072	354500	5.10

Instrument :
BNA_F
ClientSampleId :
DFTPP

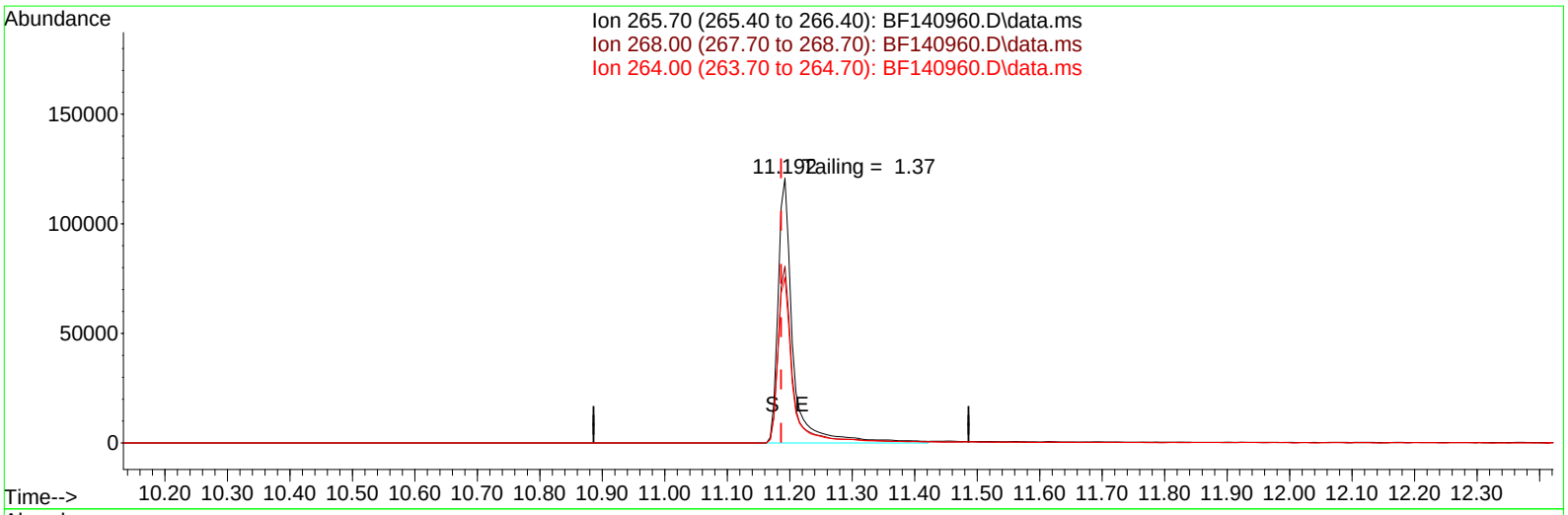
Quantitation Report (Qedit)

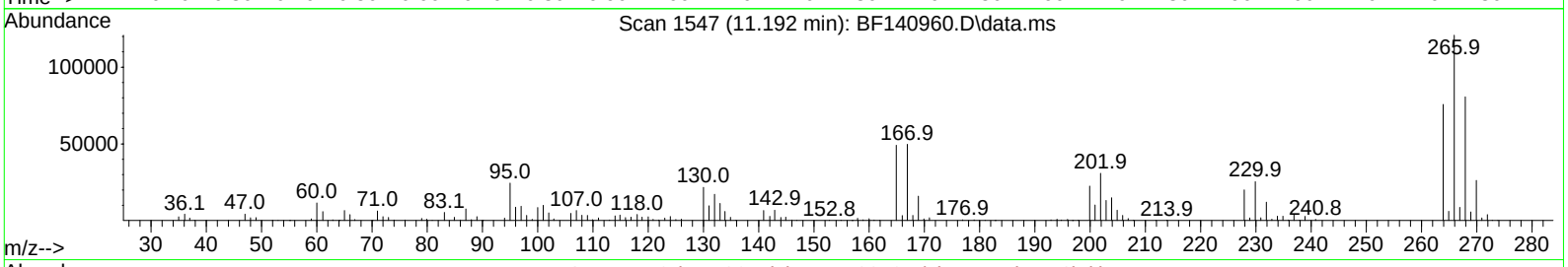
Sample Results: **BF140960.D**

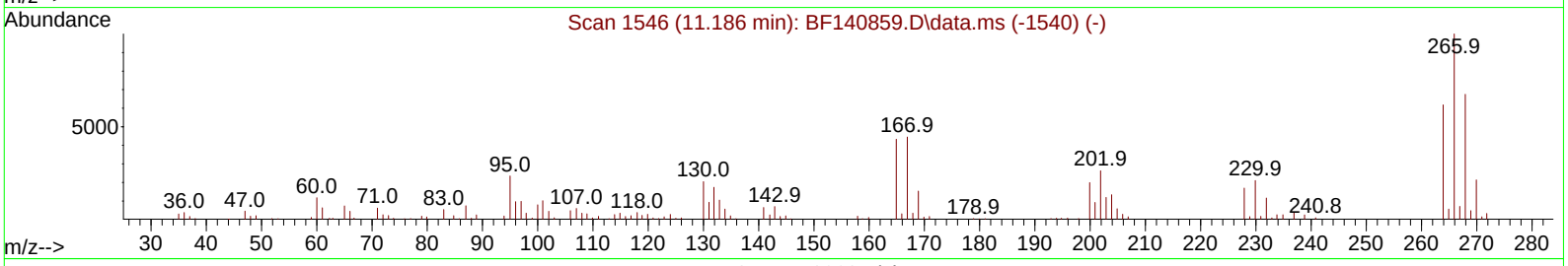
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140960.D
Acq On : 23 Dec 2024 09:05
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 23 11:30:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration







TIC: BF140960.D\data.ms

(70) Pentachlorophenol (C)

11.192min (+ 0.006) 23080.12 ng

response 202074

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.50	66.80
264.00	61.80	62.65
0.00	0.00	0.00

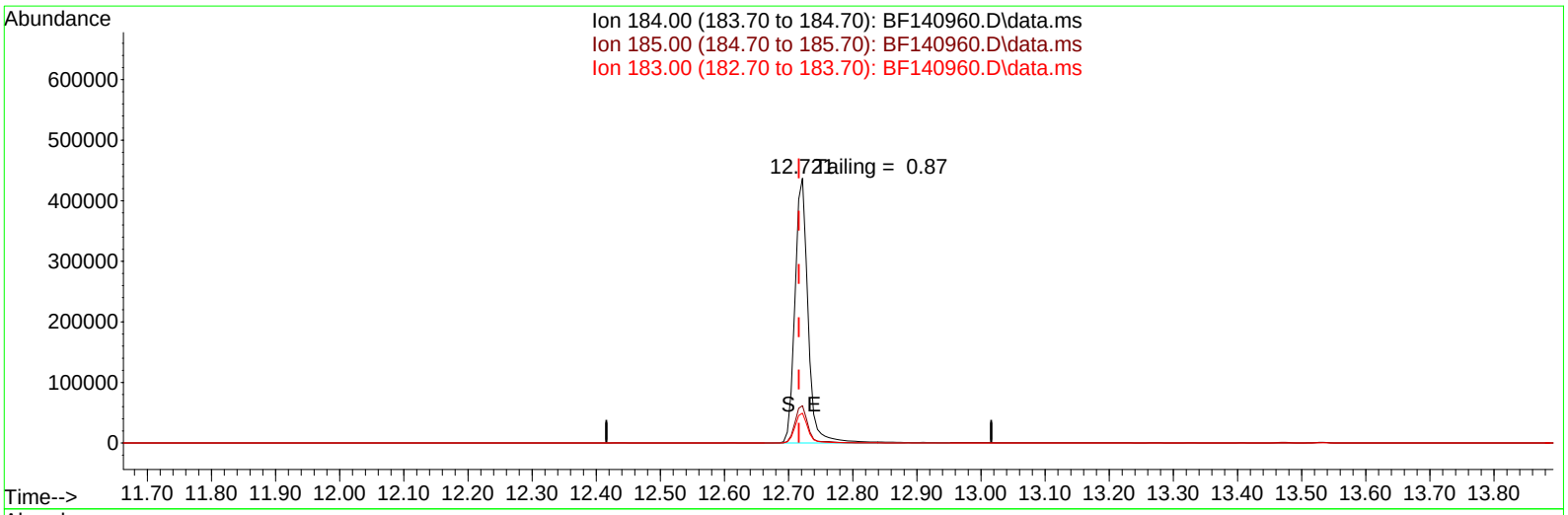
Quantitation Report (Qedit)

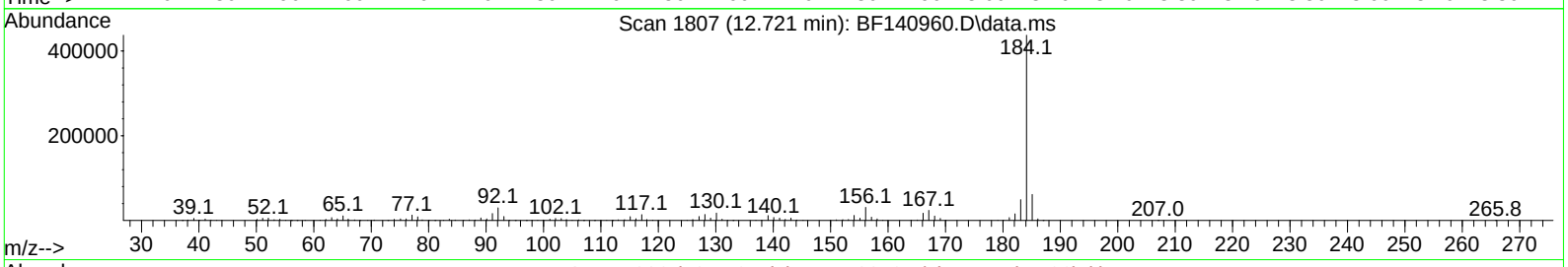
Sample Results: **BF140960.D**

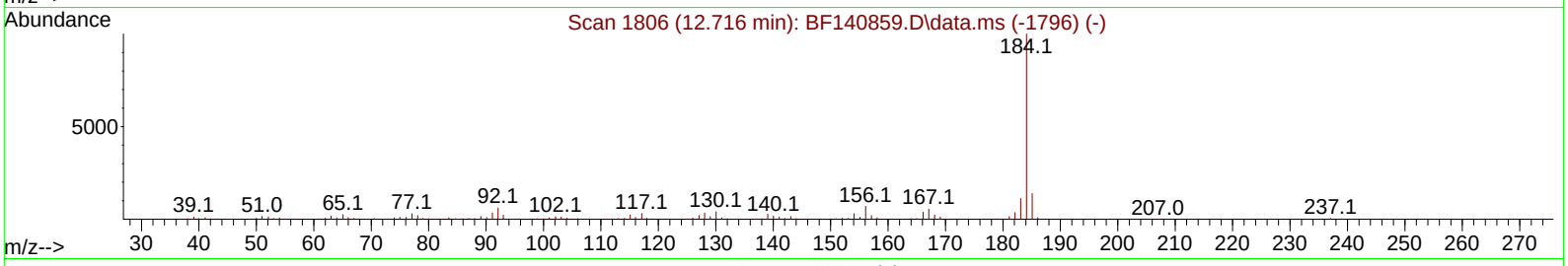
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140960.D
Acq On : 23 Dec 2024 09:05
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 23 11:30:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration







TIC: BF140960.D\data.ms

(77) Benzidine

12.721min (+ 0.005) 19990.23 ng

response 627493

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.90	14.08
183.00	11.20	11.28
0.00	0.00	0.00

Raw Data: **BF140901.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165682BL	SDG No.:	P5291
Lab Sample ID:	PB165682BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140901.D	1	12/17/24 08:56	12/18/24 13:12	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.0	ug/L
108-95-2	Phenol	0.93	U	0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.00	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.00	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.50	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
78-59-1	Isophorone	1.10	U	1.10	5.00	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	5.00	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.00	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	1.10	U	1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	5.00	U	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	5.00	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.00	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	5.00	ug/L

Raw Data: **BF140901.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165682BL	SDG No.:	P5291
Lab Sample ID:	PB165682BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140901.D	1	12/17/24 08:56	12/18/24 13:12	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.00	U	1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
99-09-2	3-Nitroaniline	1.40	U	1.40	5.00	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.40	U	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.0	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
84-66-2	Diethylphthalate	1.00	U	1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	5.00	ug/L
86-73-7	Fluorene	0.96	U	0.96	5.00	ug/L
100-01-6	4-Nitroaniline	2.00	U	2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
1912-24-9	Atrazine	1.30	U	1.30	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	5.00	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.00	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.00	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.00	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	2.10	U	2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	5.00	ug/L
218-01-9	Chrysene	0.86	U	0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	1.10	U	1.10	5.00	ug/L

Raw Data: **BF140901.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165682BL	SDG No.:	P5291
Lab Sample ID:	PB165682BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140901.D	1	12/17/24 08:56	12/18/24 13:12	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.00	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	159		10 - 139	106%	SPK: 150
13127-88-3	Phenol-d6	157		10 - 134	105%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.8		49 - 133	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.3		52 - 132	99%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		44 - 137	98%	SPK: 150
1718-51-0	Terphenyl-d14	99.9		48 - 125	100%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	57400	6.845			
1146-65-2	Naphthalene-d8	272000	8.128			
15067-26-2	Acenaphthene-d10	163000	9.88			
1517-22-2	Phenanthrene-d10	302000	11.374			
1719-03-5	Chrysene-d12	235000	14.027			
1520-96-3	Perylene-d12	191000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	5.70	J		2.20	ug/L

Raw Data: **BF140901.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165682BL	SDG No.:	P5291
Lab Sample ID:	PB165682BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140901.D	1	12/17/24 08:56	12/18/24 13:12	PB165682

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 (LSC Reviewed)

Sample Results: **BF140901.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140901.D
Acq On : 18 Dec 2024 13:12
Operator : RC/JU
Sample : PB165682BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165682BL

Quant Time: Dec 18 13:52:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	57419	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	271902	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	163491	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	302090	20.000	ng	0.00
76) Chrysene-d12	14.027	240	235033	20.000	ng	0.00
86) Perylene-d12	15.527	264	191250	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	556055	159.419	ng	0.01
7) Phenol-d6	6.498	99	727466	157.464	ng	0.00
23) Nitrobenzene-d5	7.416	82	504528	92.835	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	284578	147.173	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1180754	99.294	ng	0.00
79) Terphenyl-d14	12.963	244	1488595	99.872	ng	0.00

Target Compounds Qvalue

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

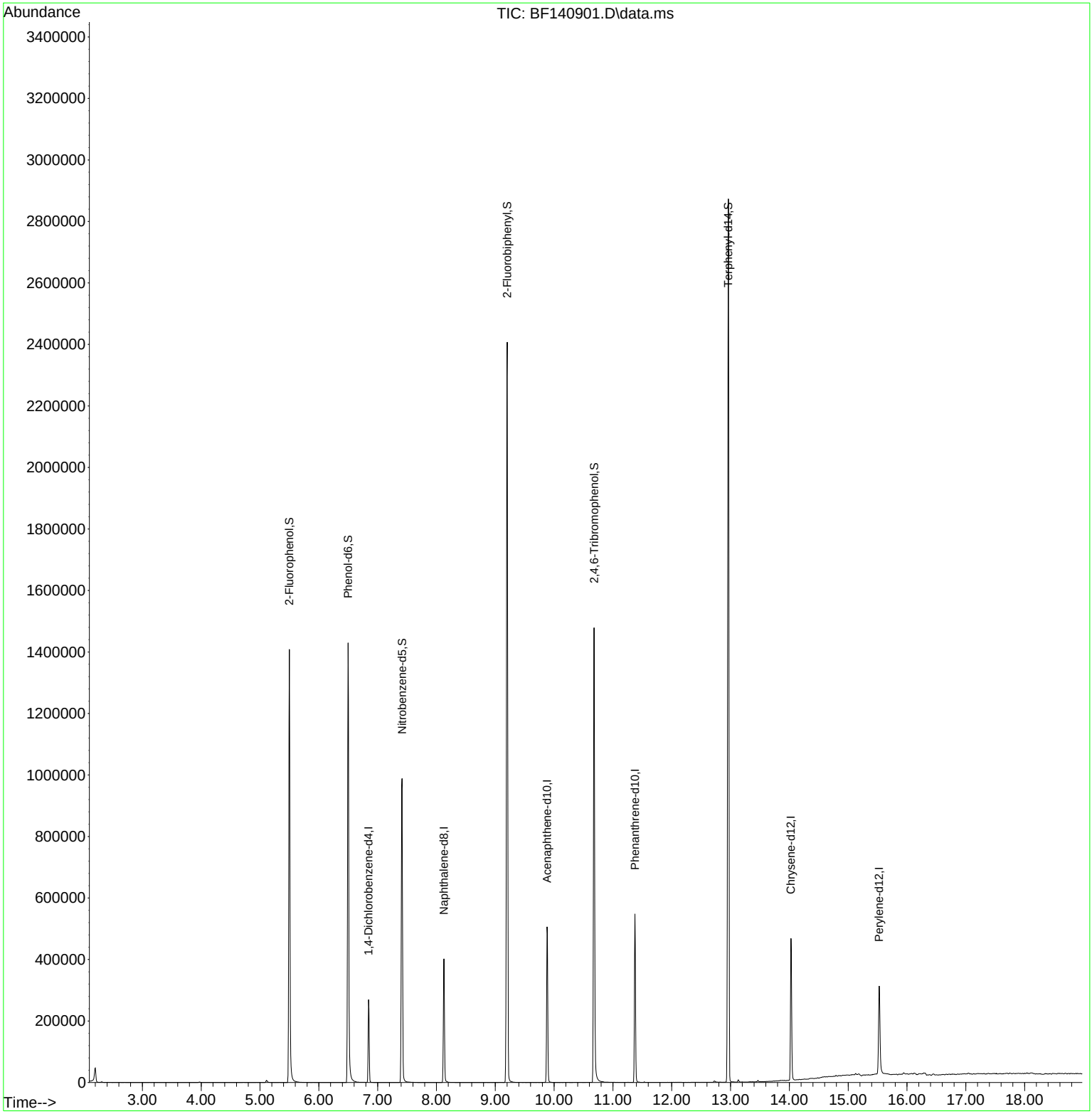
Quantitation Report (LSC Reviewed)

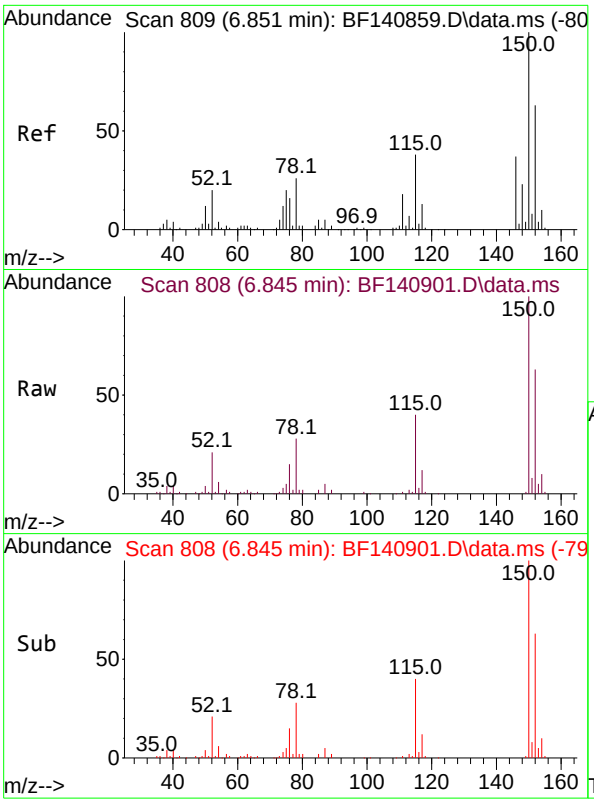
Sample Results: **BF140901.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140901.D
Acq On : 18 Dec 2024 13:12
Operator : RC/JU
Sample : PB165682BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165682BL

Quant Time: Dec 18 13:52:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



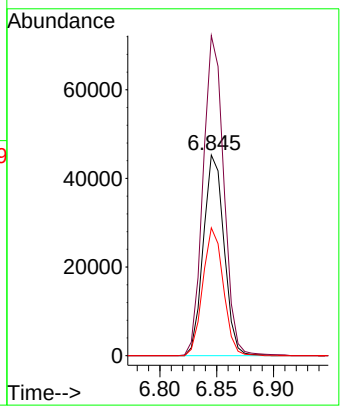


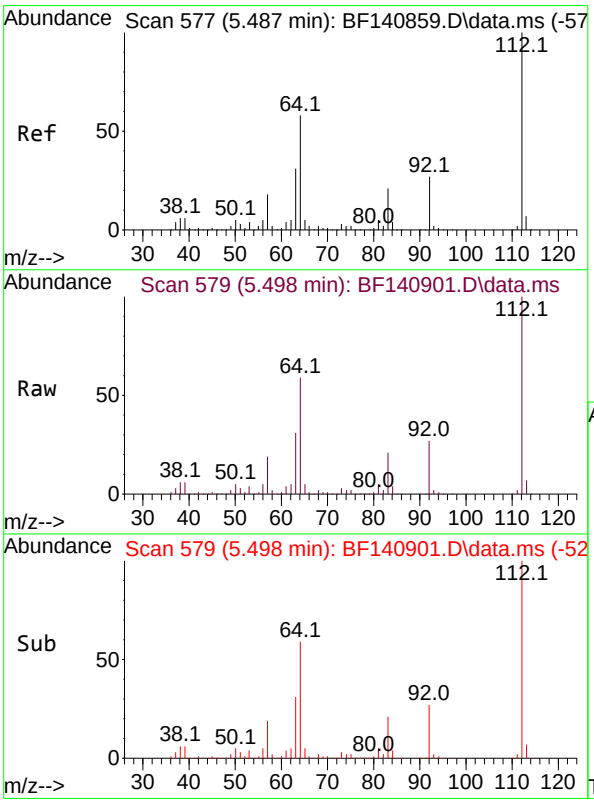
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB165682BL

Tgt Ion:152 Resp: 57419

Ion	Ratio	Lower	Upper
152	100		
150	159.5	127.9	191.9
115	63.7	48.0	72.0

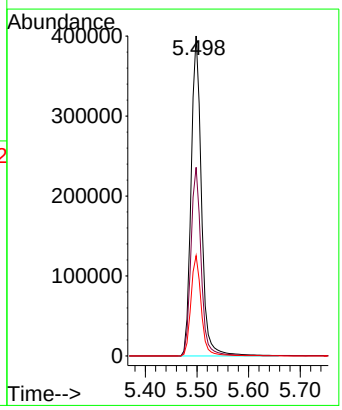


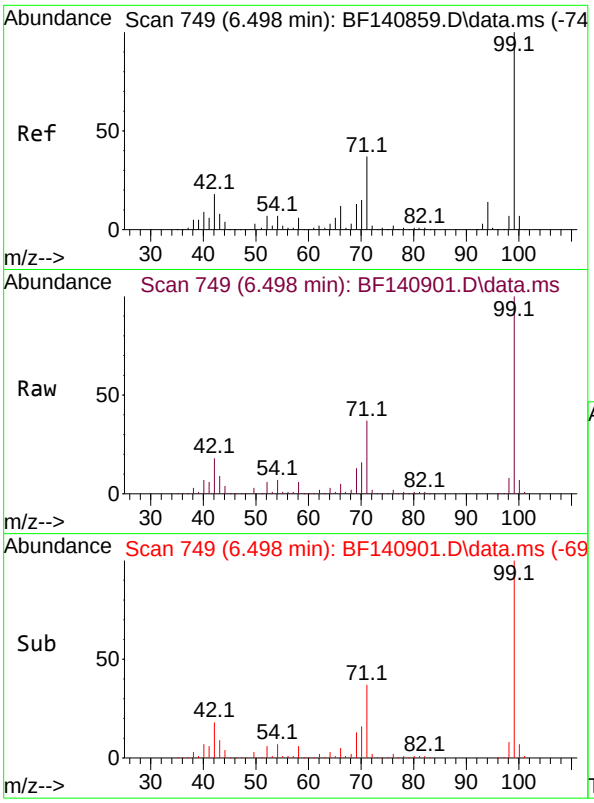


#5
2-Fluorophenol
Concen: 159.419 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Tgt Ion:112 Resp: 556055

Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.1	69.1
63	31.3	24.9	37.3



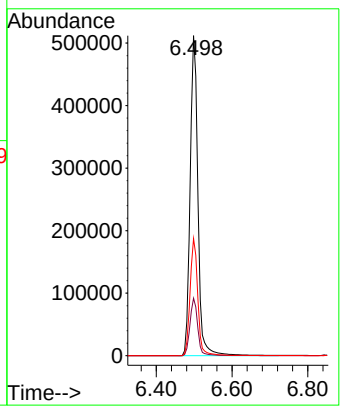


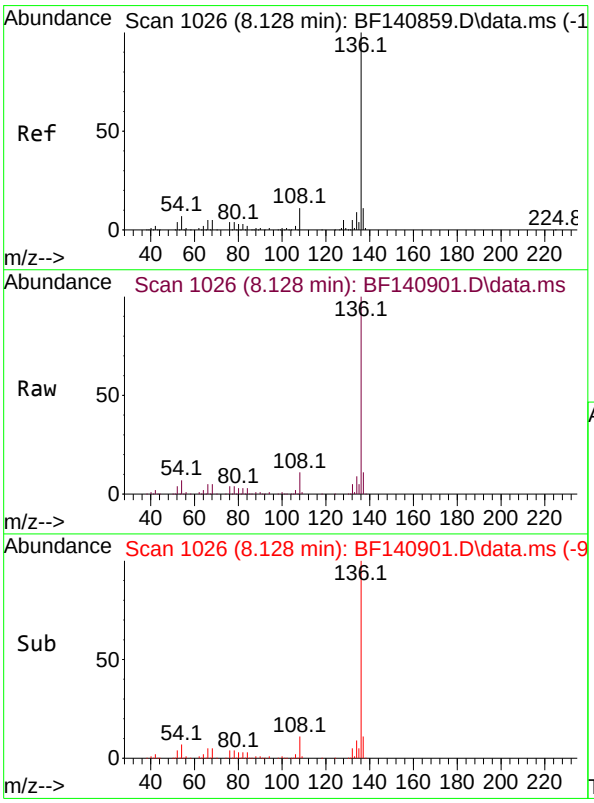
#7
Phenol-d6
Concen: 157.464 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB165682BL

Tgt Ion: 99 Resp: 727466

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.3	21.5
71	36.6	29.9	44.9

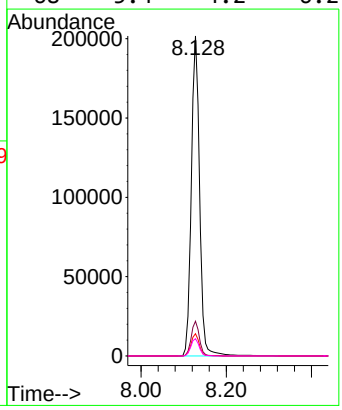


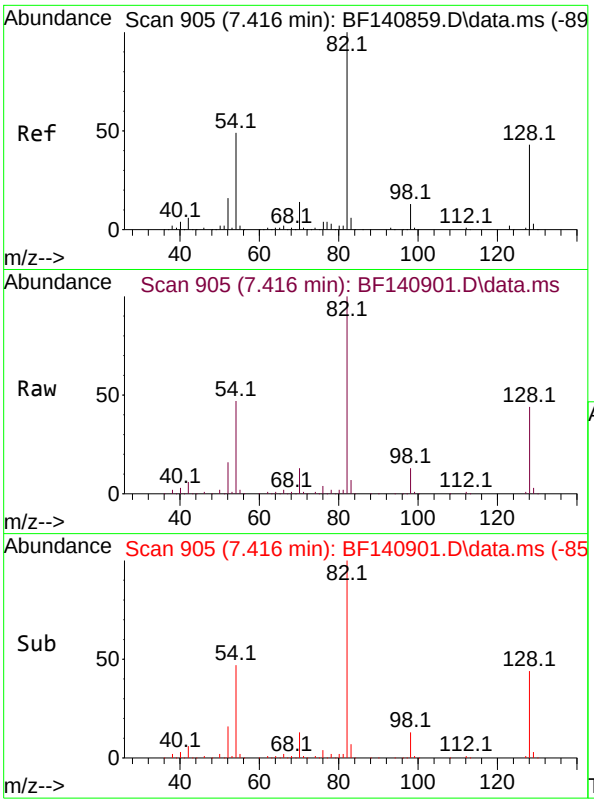


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Tgt Ion:136 Resp: 271902

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.9	5.6	8.4
68	5.4	4.2	6.2



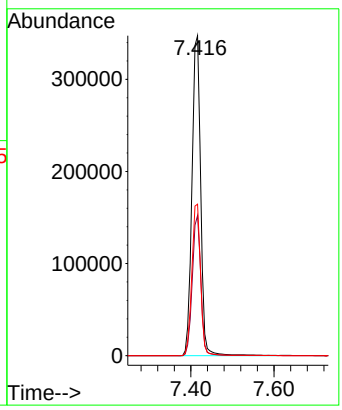


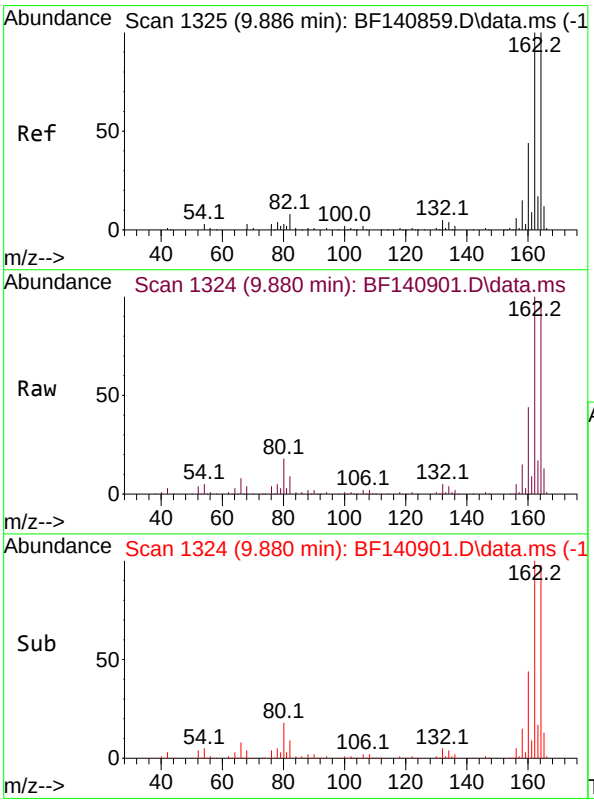
#23
Nitrobenzene-d5
Concen: 92.835 ng
RT: 7.416 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB165682BL

Tgt Ion: 82 Resp: 504528

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.4	51.6
54	47.3	38.8	58.2

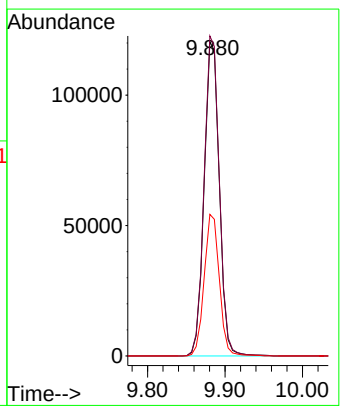


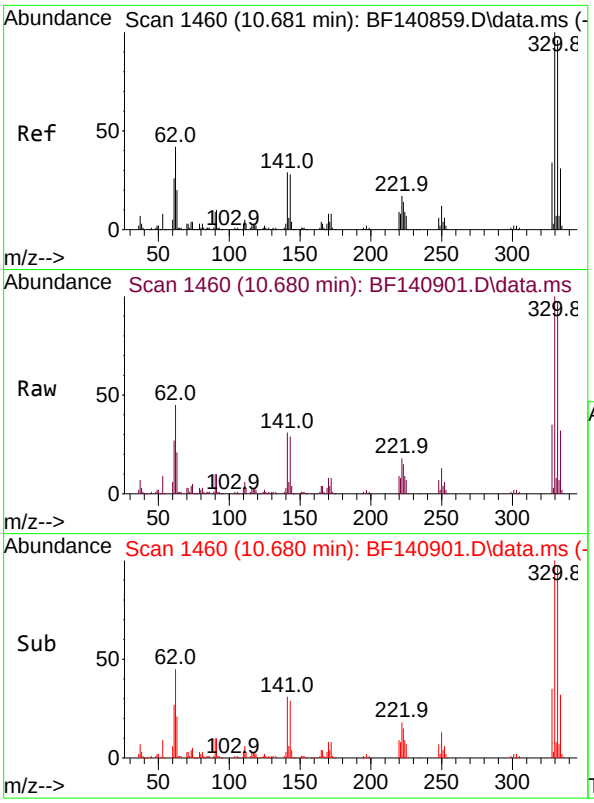


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Tgt Ion:164 Resp: 163491

Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.9	119.9
160	45.1	35.2	52.8



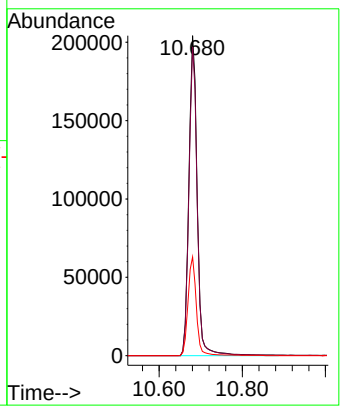


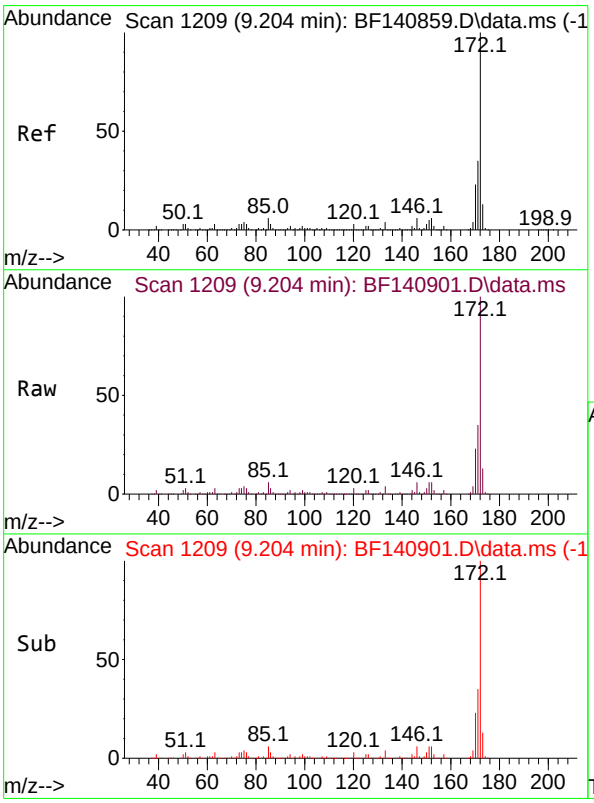
#42
2,4,6-Tribromophenol
Concen: 147.173 ng
RT: 10.680 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB165682BL

Tgt Ion:330 Resp: 284578

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.4
141	31.2	24.9	37.3

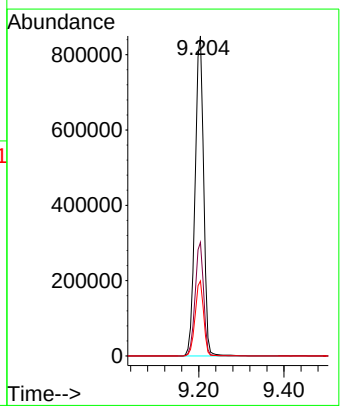


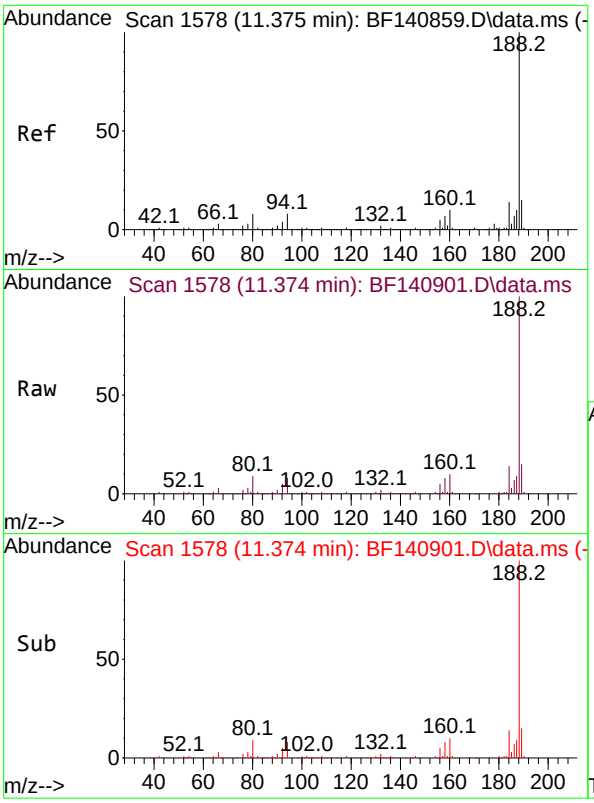


#45
2-Fluorobiphenyl
Concen: 99.294 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Tgt Ion:172 Resp: 1180754

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.4	18.6	28.0



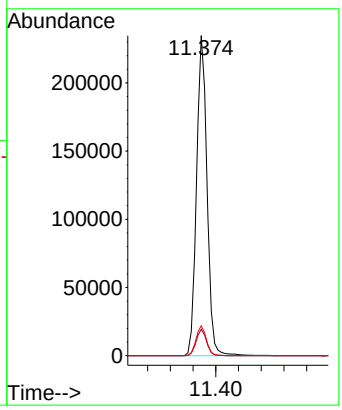


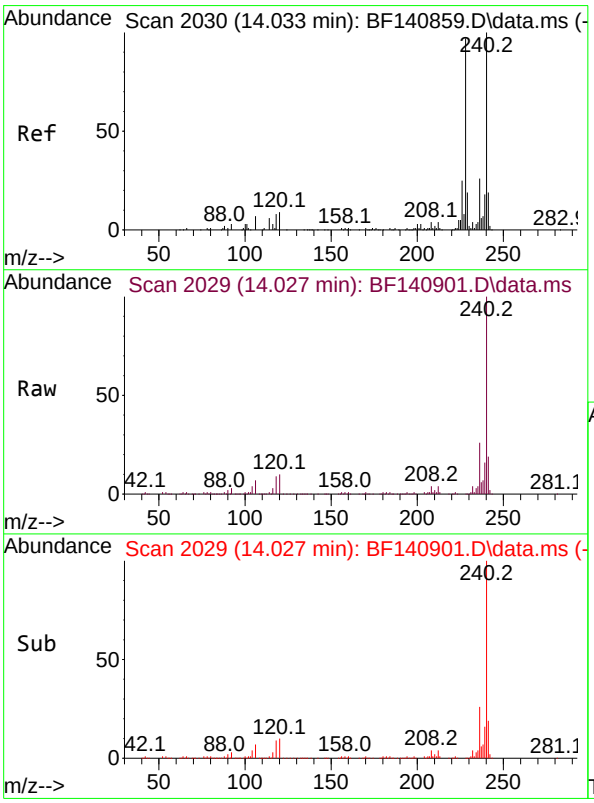
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB165682BL

Tgt Ion:188 Resp: 302090

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.4	9.6
80	9.3	6.8	10.2

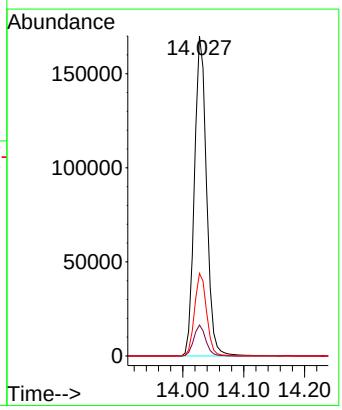


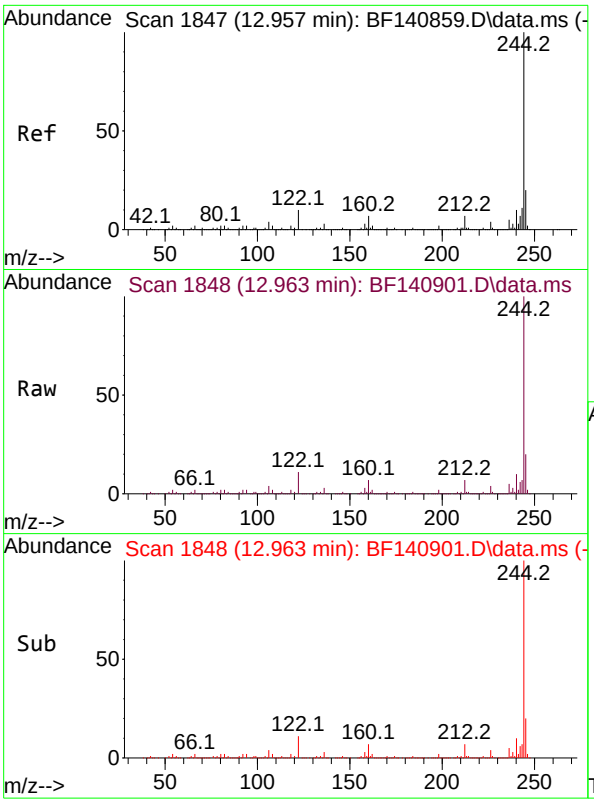


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Tgt Ion:240 Resp: 235033

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.6	11.4
236	25.8	20.5	30.7



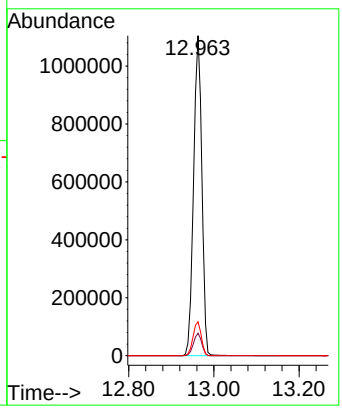


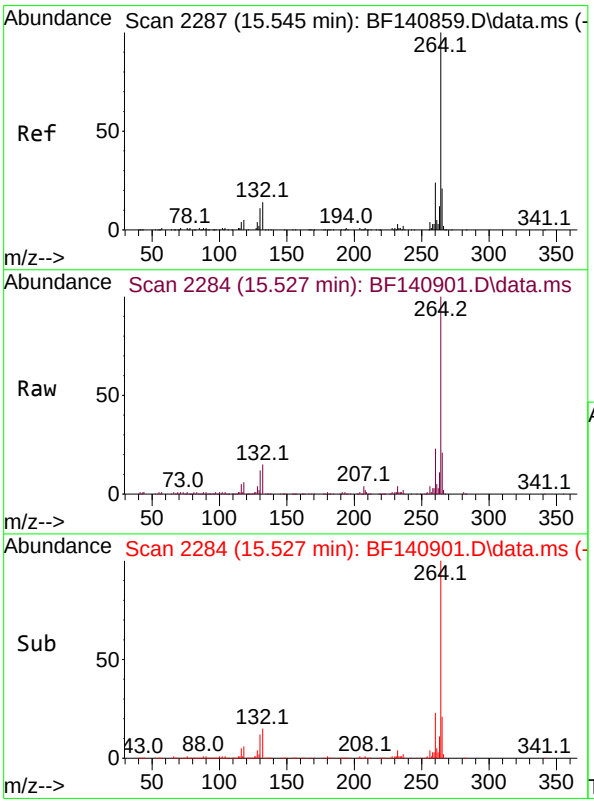
#79
Terphenyl-d14
Concen: 99.872 ng
RT: 12.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB165682BL

Tgt Ion:244 Resp: 1488595

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.6	8.2	12.2

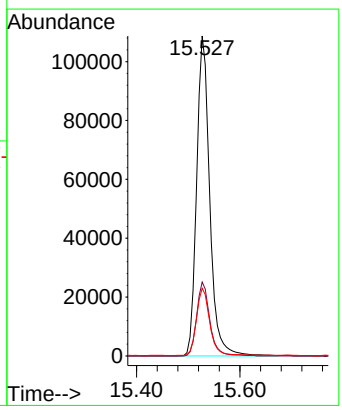




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF140901.D
Acq: 18 Dec 2024 13:12

Tgt Ion:264 Resp: 191250

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.2	17.0	25.4



Raw Data: **BF140902.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165682BS	SDG No.:	P5291
Lab Sample ID:	PB165682BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140902.D	1	12/17/24 08:56	12/18/24 13:37	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	17.1		4.00	10.0	ug/L
108-95-2	Phenol	53.0		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	53.5		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	54.0		0.71	5.00	ug/L
95-48-7	2-Methylphenol	55.3		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	57.6		1.40	5.00	ug/L
98-86-2	Acetophenone	52.5		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	56.4		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	56.3		1.50	2.50	ug/L
67-72-1	Hexachloroethane	53.4		1.00	5.00	ug/L
98-95-3	Nitrobenzene	50.1		1.30	5.00	ug/L
78-59-1	Isophorone	55.9		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	57.3		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	68.8		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	56.5		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	52.1		0.88	5.00	ug/L
91-20-3	Naphthalene	51.5		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	25.7		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	49.0		1.30	5.00	ug/L
105-60-2	Caprolactam	61.7		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	53.3		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	49.0		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	60.4		5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	51.0		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	49.8		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	51.4		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	49.8		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	55.3		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	57.8		0.93	5.00	ug/L

Raw Data: **BF140902.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165682BS	SDG No.:	P5291
Lab Sample ID:	PB165682BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140902.D	1	12/17/24 08:56	12/18/24 13:37	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	59.2		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	50.2		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	32.9		1.40	5.00	ug/L
83-32-9	Acenaphthene	53.6		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	95.5	E	2.00	10.0	ug/L
132-64-9	Dibenzofuran	49.8		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	50.6		1.50	5.00	ug/L
84-66-2	Diethylphthalate	51.5		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.6		0.98	5.00	ug/L
86-73-7	Fluorene	49.4		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	50.1		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	57.2		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	55.5		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	53.8		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	52.7		1.10	5.00	ug/L
1912-24-9	Atrazine	66.9		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	53.5		0.89	5.00	ug/L
120-12-7	Anthracene	55.5		1.10	5.00	ug/L
86-74-8	Carbazole	52.7		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	54.5		1.50	5.00	ug/L
206-44-0	Fluoranthene	54.7		1.30	5.00	ug/L
129-00-0	Pyrene	57.3		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	61.3		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	33.2		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	55.9		0.94	5.00	ug/L
218-01-9	Chrysene	52.8		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.8		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	55.1		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	53.3		1.10	5.00	ug/L

Raw Data: **BF140902.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165682BS	SDG No.:	P5291
Lab Sample ID:	PB165682BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140902.D	1	12/17/24 08:56	12/18/24 13:37	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	61.8		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	58.8		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	63.3		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	62.2		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	53.8		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.4		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	37.3		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.5		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	148		10 - 139	99%	SPK: 150
13127-88-3	Phenol-d6	148		10 - 134	99%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		49 - 133	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.8		52 - 132	99%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		44 - 137	98%	SPK: 150
1718-51-0	Terphenyl-d14	119		48 - 125	119%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69300	6.846			
1146-65-2	Naphthalene-d8	278000	8.128			
15067-26-2	Acenaphthene-d10	161000	9.887			
1517-22-2	Phenanthrene-d10	298000	11.381			
1719-03-5	Chrysene-d12	194000	14.033			
1520-96-3	Perylene-d12	160000	15.533			

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: **BF140902.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140902.D
Acq On : 18 Dec 2024 13:37
Operator : RC/JU
Sample : PB165682BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Quant Time: Dec 18 14:09:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	69271	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	278195	20.000	ng		0.00
39) Acenaphthene-d10	9.887	164	161313	20.000	ng		0.00
64) Phenanthrene-d10	11.381	188	297522	20.000	ng		0.00
76) Chrysene-d12	14.033	240	194019	20.000	ng		0.00
86) Perylene-d12	15.533	264	159882	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	624579	148.427	ng		0.01
7) Phenol-d6	6.504	99	826803	148.345	ng		0.00
23) Nitrobenzene-d5	7.416	82	571852	102.843	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	280904	147.234	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1158965	98.777	ng		0.00
79) Terphenyl-d14	12.963	244	1463916	118.978	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	67629	37.312	ng		100
3) Pyridine	3.487	79	172590	41.117	ng		99
4) n-Nitrosodimethylamine	3.434	42	98403	46.503	ng		99
6) Aniline	6.516	93	205659	43.156	ng	#	78
8) 2-Chlorophenol	6.646	128	247566	53.950	ng		99
9) Benzaldehyde	6.404	77	52891	17.127	ng		99
10) Phenol	6.516	94	306120	52.994	ng		99
11) bis(2-Chloroethyl)ether	6.587	93	230623	53.535	ng		99
12) 1,3-Dichlorobenzene	6.787	146	265723	50.819	ng		98
13) 1,4-Dichlorobenzene	6.863	146	272762	51.390	ng		99
14) 1,2-Dichlorobenzene	7.016	146	263485	52.615	ng		99
15) Benzyl Alcohol	7.004	79	229432	57.573	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	292246	57.588	ng		90
17) 2-Methylphenol	7.122	107	202465	55.264	ng		98
18) Hexachloroethane	7.357	117	105603	53.445	ng		100
19) n-Nitroso-di-n-propyla...	7.263	70	188339	56.334	ng		100
20) 3+4-Methylphenols	7.275	107	273831	56.367	ng	#	80
22) Acetophenone	7.263	105	365369	52.502	ng		97
24) Nitrobenzene	7.440	77	285610	50.138	ng		97
25) Isophorone	7.675	82	520793	55.898	ng		99
26) 2-Nitrophenol	7.751	139	150207	57.252	ng		98
27) 2,4-Dimethylphenol	7.793	122	210758	68.786	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	328662	56.480	ng		99
29) 2,4-Dichlorophenol	8.004	162	220391	52.100	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	232201	47.884	ng		99
31) Naphthalene	8.151	128	787164	51.511	ng		100
32) Benzoic acid	7.951	122	133197	45.837	ng		99
33) 4-Chloroaniline	8.210	127	130614	25.735	ng		97
34) Hexachlorobutadiene	8.263	225	159995	49.040	ng		99
35) Caprolactam	8.592	113	77732m	61.724	ng		
36) 4-Chloro-3-methylphenol	8.704	107	253682	53.283	ng		100
37) 2-Methylnaphthalene	8.845	142	495413	49.008	ng		99
38) 1-Methylnaphthalene	8.945	142	469604	46.973	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	249701	50.361	ng		99
41) Hexachlorocyclopentadiene	8.992	237	89134	60.366	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	154788	50.984	ng		99

Sample Results: **BF140902.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140902.D
Acq On : 18 Dec 2024 13:37
Operator : RC/JU
Sample : PB165682BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Quant Time: Dec 18 14:09:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	166346	49.849 ng	99
46) 1,1'-Biphenyl	9.304	154	658859	51.364 ng	99
47) 2-Chloronaphthalene	9.334	162	488415	49.772 ng	98
48) 2-Nitroaniline	9.439	65	163899	55.302 ng	98
49) Acenaphthylene	9.751	152	853325	59.172 ng	100
50) Dimethylphthalate	9.610	163	657261	57.792 ng	100
51) 2,6-Dinitrotoluene	9.681	165	130406	50.157 ng	100
52) Acenaphthene	9.922	154	493337	53.554 ng	99
53) 3-Nitroaniline	9.857	138	84869	32.893 ng	95
54) 2,4-Dinitrophenol	9.975	184	138273	106.627 ng	96
55) Dibenzofuran	10.092	168	711219	49.825 ng	99
56) 4-Nitrophenol	10.045	139	133758	95.466 ng	97
57) 2,4-Dinitrotoluene	10.092	165	173175	50.624 ng	99
58) Fluorene	10.439	166	582232	49.441 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	140053	51.506 ng	98
60) Diethylphthalate	10.310	149	607431	51.506 ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	287329	48.573 ng	97
62) 4-Nitroaniline	10.475	138	134973	50.059 ng	98
63) Azobenzene	10.586	77	558056	50.334 ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	96479	57.226 ng	97
66) n-Nitrosodiphenylamine	10.551	169	507683	55.500 ng	99
67) 4-Bromophenyl-phenylether	10.916	248	179170	53.830 ng	97
68) Hexachlorobenzene	10.992	284	198716	52.657 ng	100
69) Atrazine	11.081	200	170868	66.882 ng	98
70) Pentachlorophenol	11.198	266	142688	103.418 ng	100
71) Phenanthrene	11.404	178	818742	53.513 ng	100
72) Anthracene	11.457	178	835718	55.466 ng	100
73) Carbazole	11.616	167	777765	52.701 ng	100
74) Di-n-butylphthalate	11.928	149	944599	54.537 ng	100
75) Fluoranthene	12.598	202	964511	54.739 ng	99
77) Benzidine	12.716	184	217008	54.802 ng	99
78) Pyrene	12.828	202	988388	57.287 ng	99
80) Butylbenzylphthalate	13.433	149	388879	61.256 ng	100
81) Benzo(a)anthracene	14.022	228	768912	55.918 ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	137648	33.179 ng	99
83) Chrysene	14.063	228	659625	52.753 ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	456781	55.802 ng	100
85) Di-n-octyl phthalate	14.621	149	681776	55.052 ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	631185	63.262 ng	100
88) Benzo(b)fluoranthene	15.098	252	591963	53.339 ng	99
89) Benzo(k)fluoranthene	15.127	252	588225	61.788 ng	100
90) Benzo(a)pyrene	15.469	252	510713	58.769 ng	99
91) Dibenzo(a,h)anthracene	17.057	278	514125	62.200 ng	98
92) Benzo(g,h,i)perylene	17.504	276	453005	53.849 ng	100

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

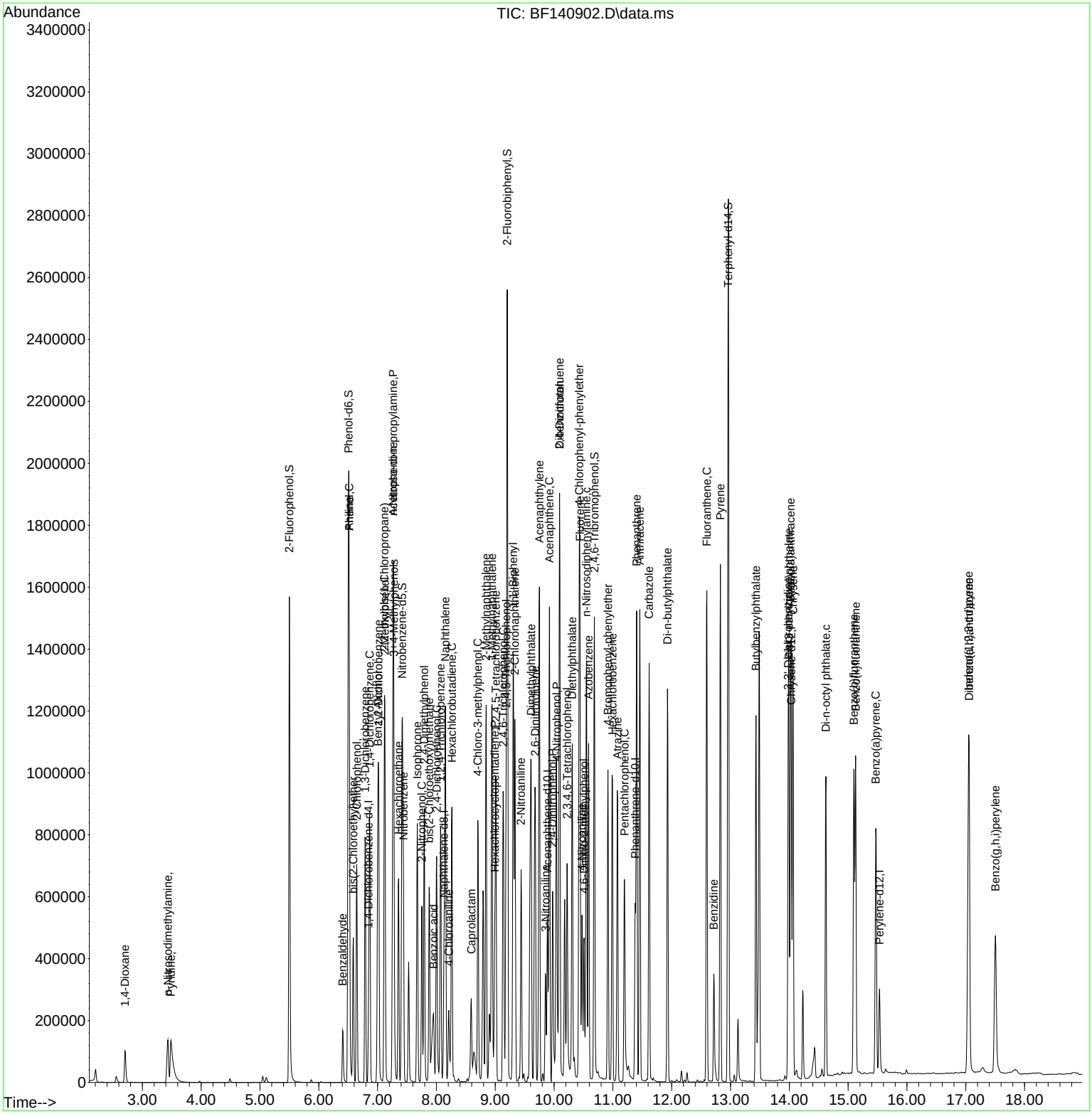
Quantitation Report (QT Reviewed)

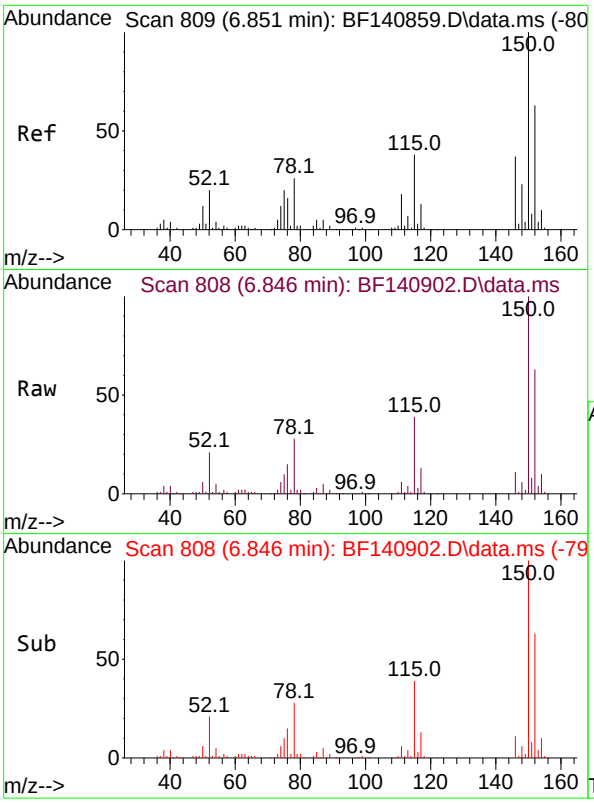
Sample Results: **BF140902.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140902.D
Acq On : 18 Dec 2024 13:37
Operator : RC/JU
Sample : PB165682BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Quant Time: Dec 18 14:09:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



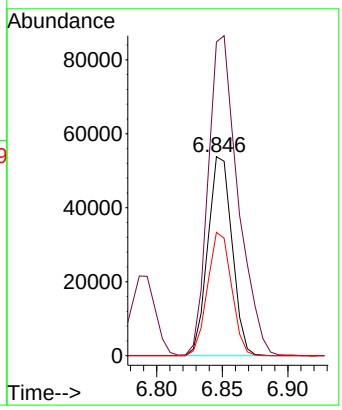


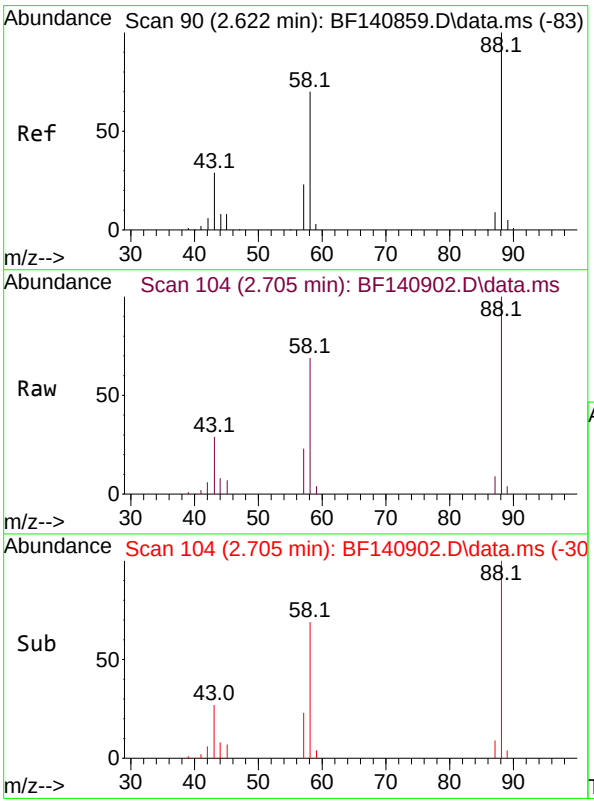
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 8(
Delta R.T. -0.005 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:152 Resp: 69271

Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.9	191.9
115	61.9	48.0	72.0

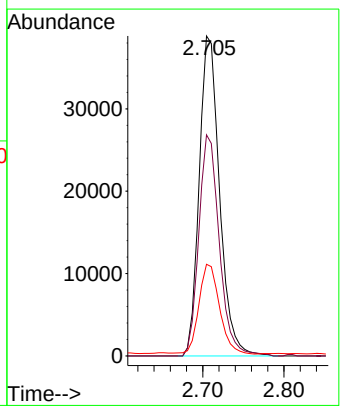


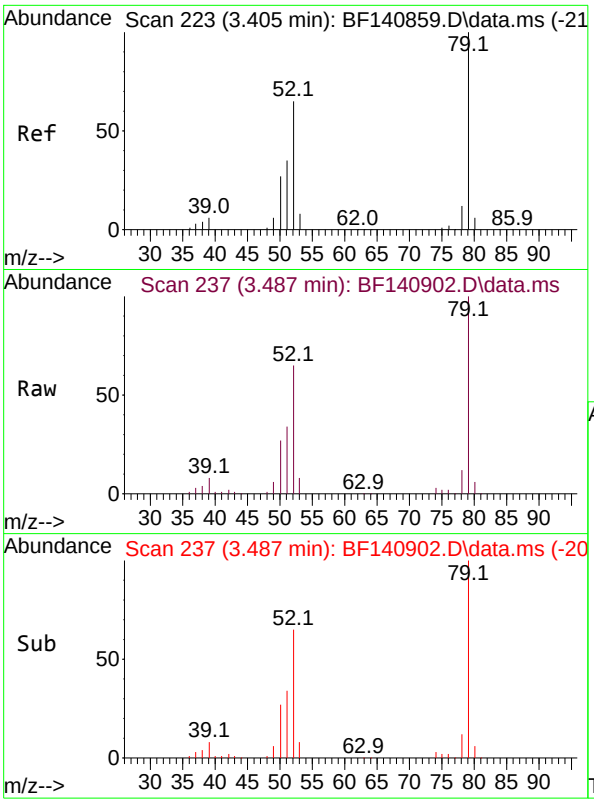


#2
1,4-Dioxane
Concen: 37.312 ng
RT: 2.705 min Scan# 104
Delta R.T. 0.082 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 88 Resp: 67629

Ion	Ratio	Lower	Upper
88	100		
58	69.7	55.8	83.8
43	28.4	22.7	34.1



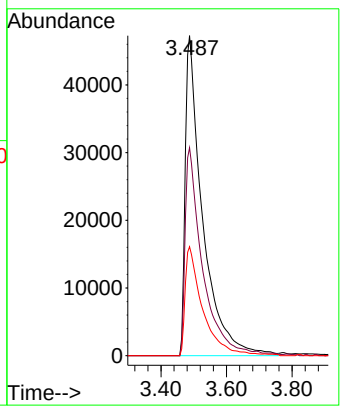


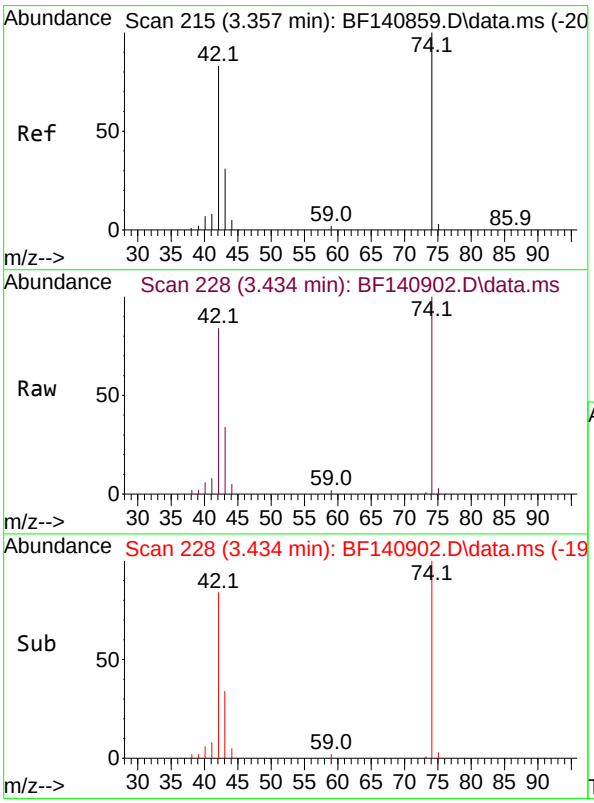
#3
Pyridine
Concen: 41.117 ng
RT: 3.487 min Scan# 2
Delta R.T. 0.082 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion: 79 Resp: 172590

Ion	Ratio	Lower	Upper
79	100		
52	65.0	51.7	77.5
51	34.0	28.2	42.4

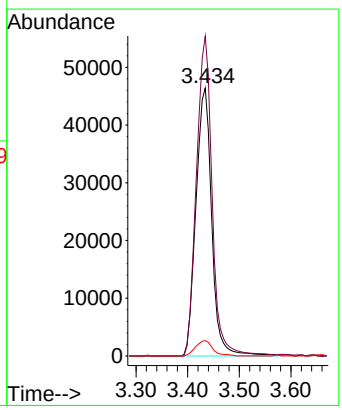


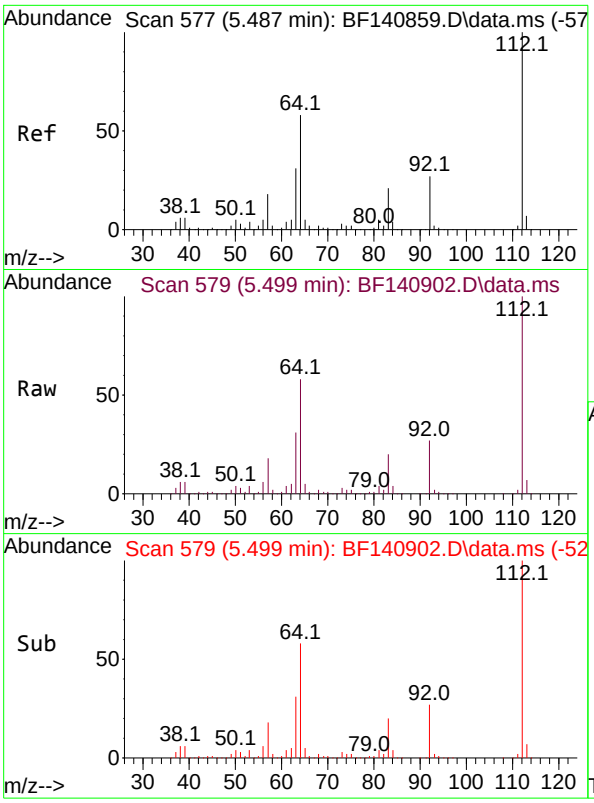


#4
n-Nitrosodimethylamine
Concen: 46.503 ng
RT: 3.434 min Scan# 228
Delta R.T. 0.076 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 42 Resp: 98403

Ion	Ratio	Lower	Upper
42	100		
74	119.4	96.9	145.3
44	5.7	4.4	6.6



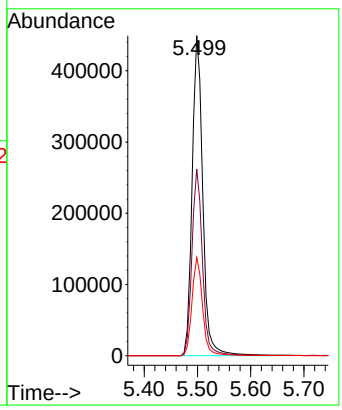


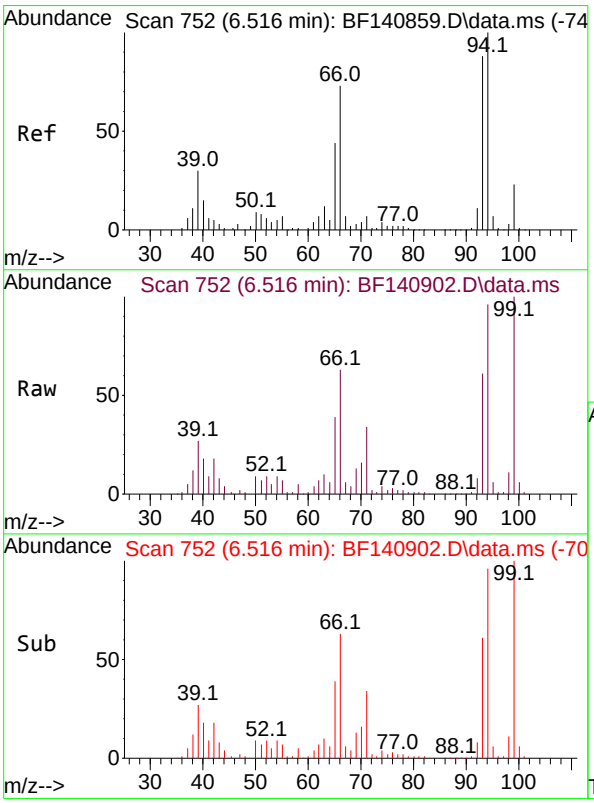
#5
2-Fluorophenol
Concen: 148.427 ng
RT: 5.499 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:112 Resp: 624579

Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.1	69.1
63	30.6	24.9	37.3

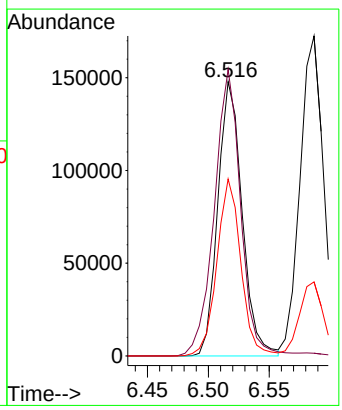


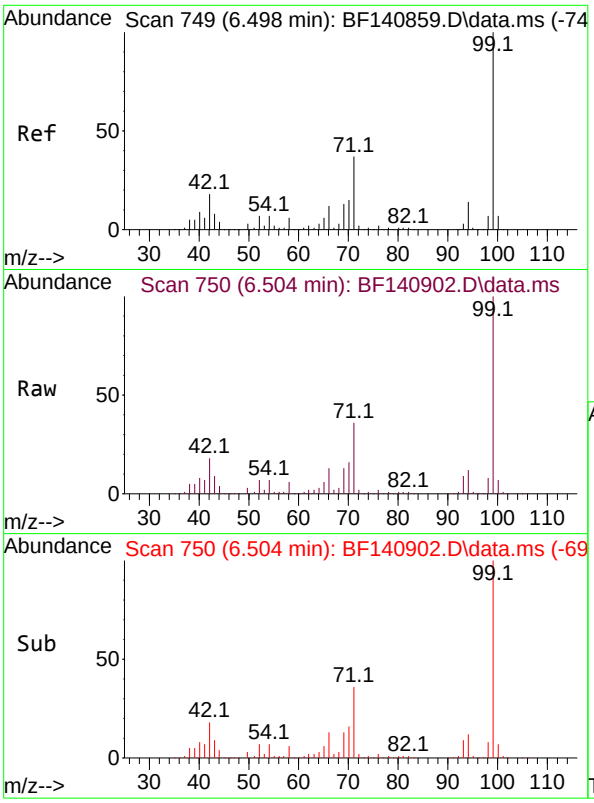


#6
Aniline
Concen: 43.156 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 93 Resp: 205659

Ion	Ratio	Lower	Upper
93	100		
66	104.4	67.0	100.4#
65	64.5	40.4	60.6#



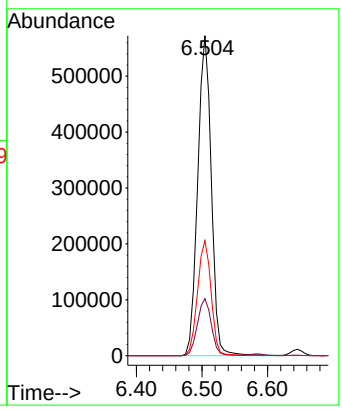


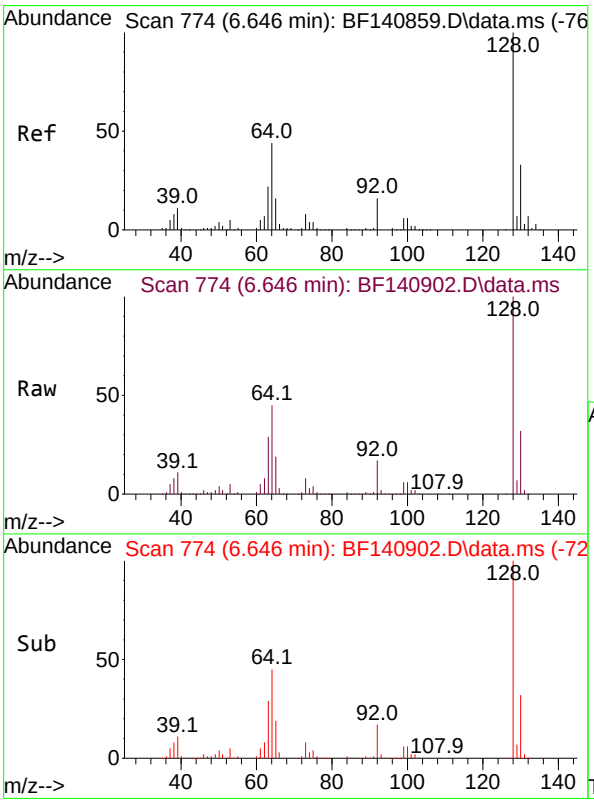
#7
Phenol-d6
Concen: 148.345 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion: 99 Resp: 826803

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.3	21.5
71	36.0	29.9	44.9

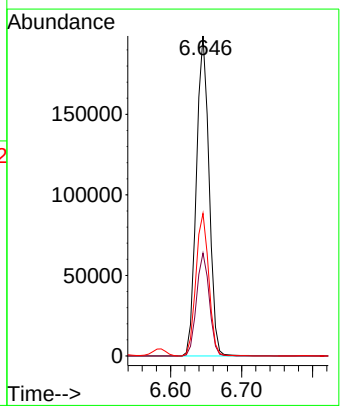


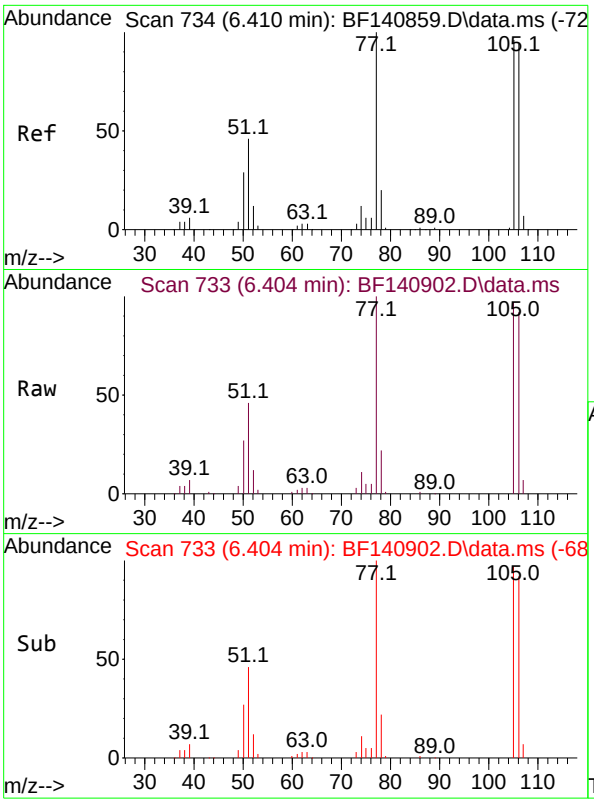


#8
2-Chlorophenol
Concen: 53.950 ng
RT: 6.646 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:128 Resp: 247566

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	44.5	24.3	64.3



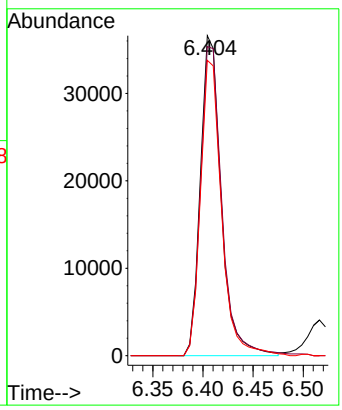


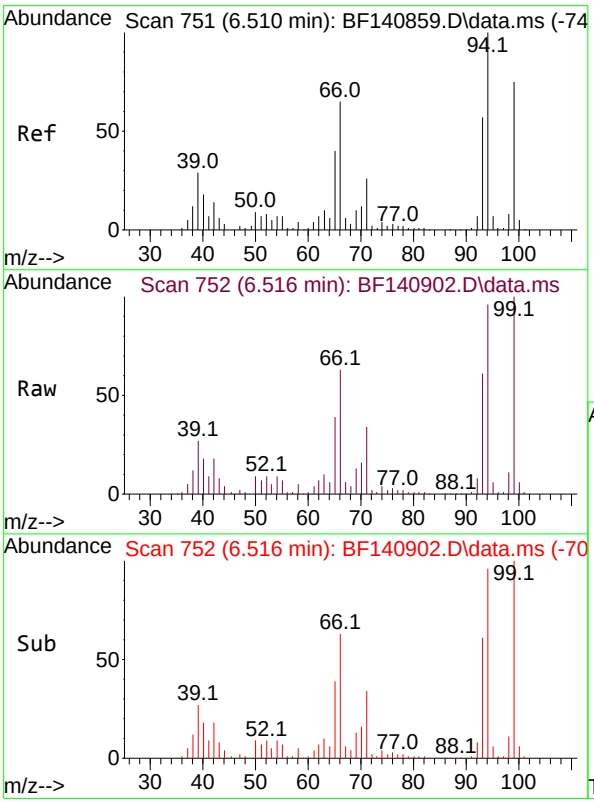
#9
Benzaldehyde
Concen: 17.127 ng
RT: 6.404 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion: 77 Resp: 52891

Ion	Ratio	Lower	Upper
77	100		
105	96.6	75.8	115.8
106	92.3	74.1	114.1

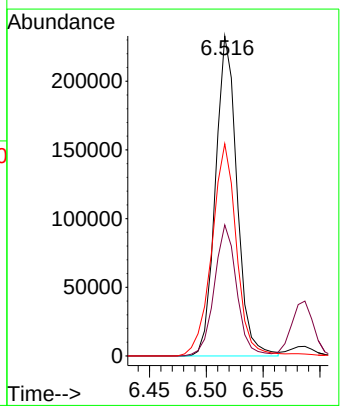


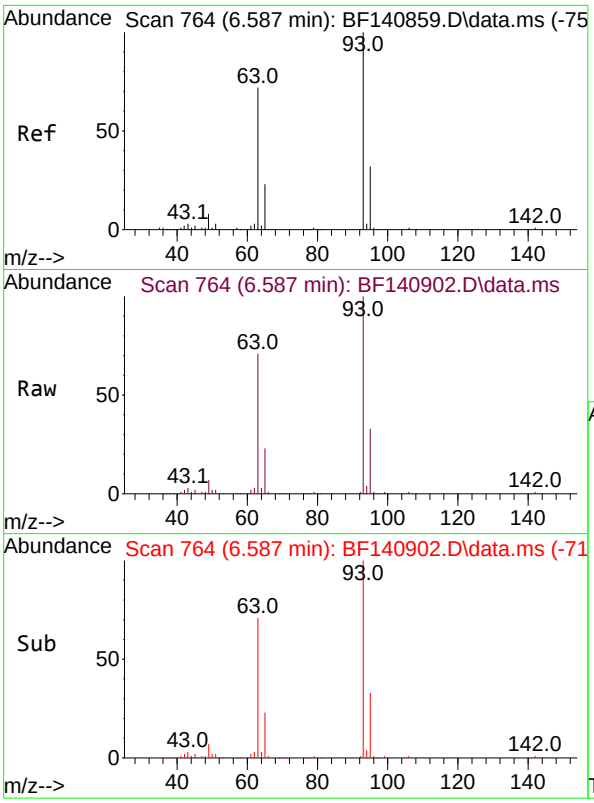


#10
Phenol
Concen: 52.994 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 94 Resp: 306120

Ion	Ratio	Lower	Upper
94	100		
65	41.0	19.9	59.9
66	66.3	45.6	85.6



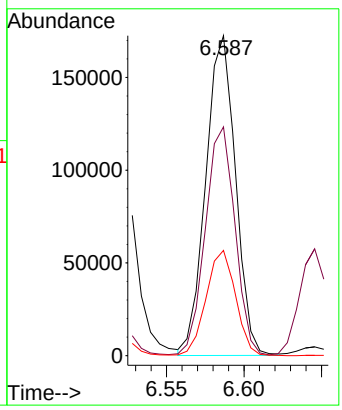


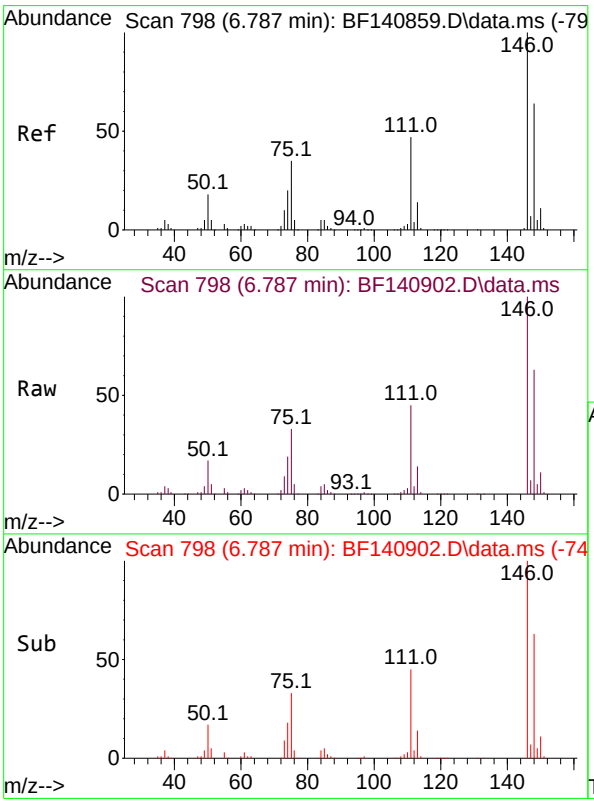
#11
bis(2-Chloroethyl)ether
Concen: 53.535 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion: 93 Resp: 230623

Ion	Ratio	Lower	Upper
93	100		
63	71.5	51.0	91.0
95	32.9	12.0	52.0

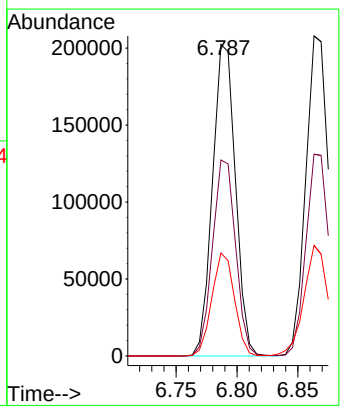


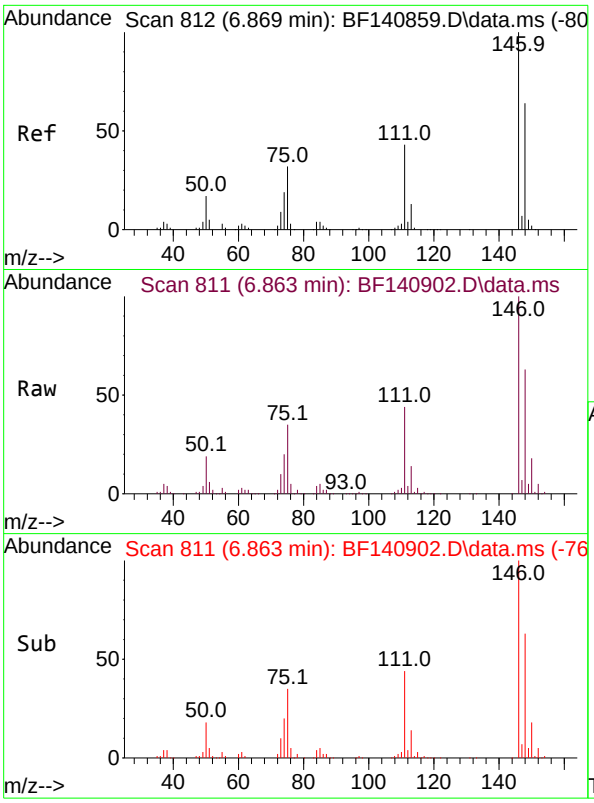


#12
1,3-Dichlorobenzene
Concen: 50.819 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:146 Resp: 265723

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.6
75	33.1	28.1	42.1



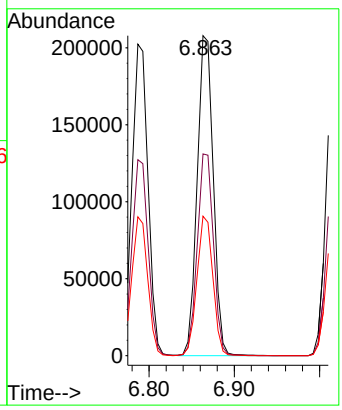


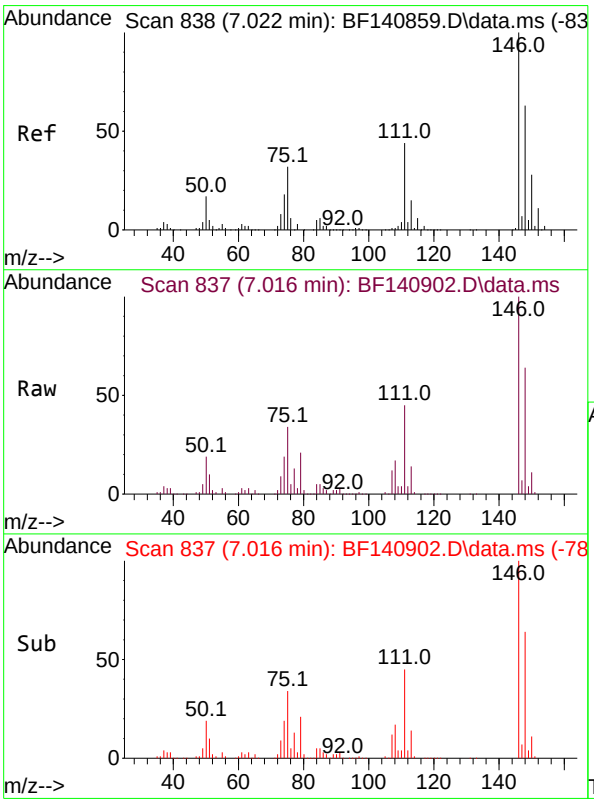
#13
1,4-Dichlorobenzene
Concen: 51.390 ng
RT: 6.863 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:146 Resp: 272762

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.3	76.9
111	43.6	34.4	51.6

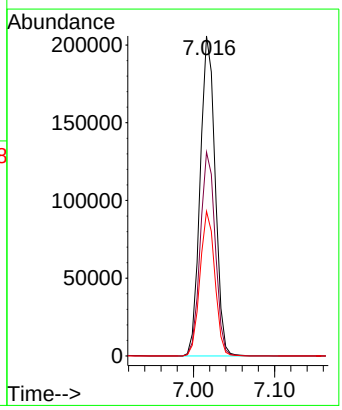


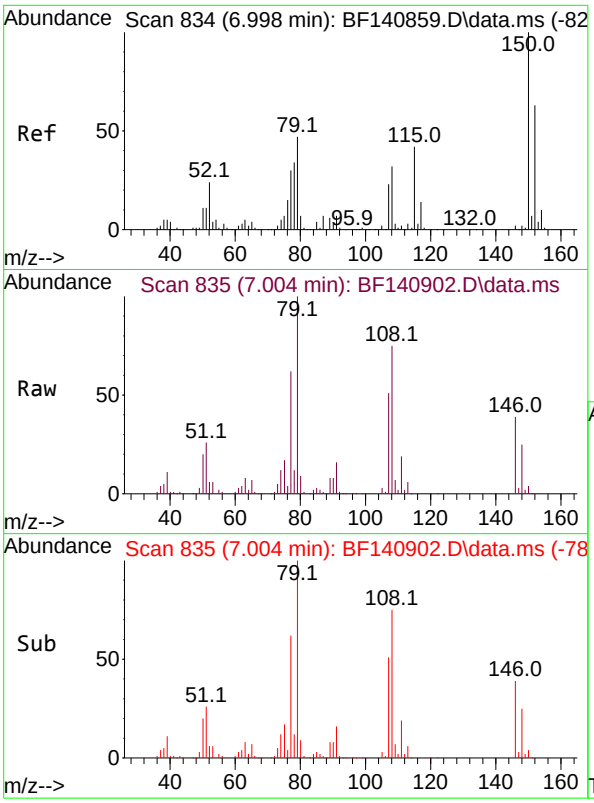


#14
1,2-Dichlorobenzene
Concen: 52.615 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:146 Resp: 263485

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.0	75.0
111	45.2	35.6	53.4



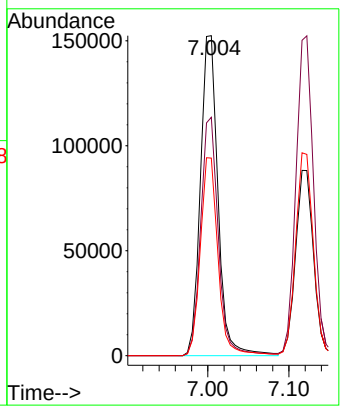


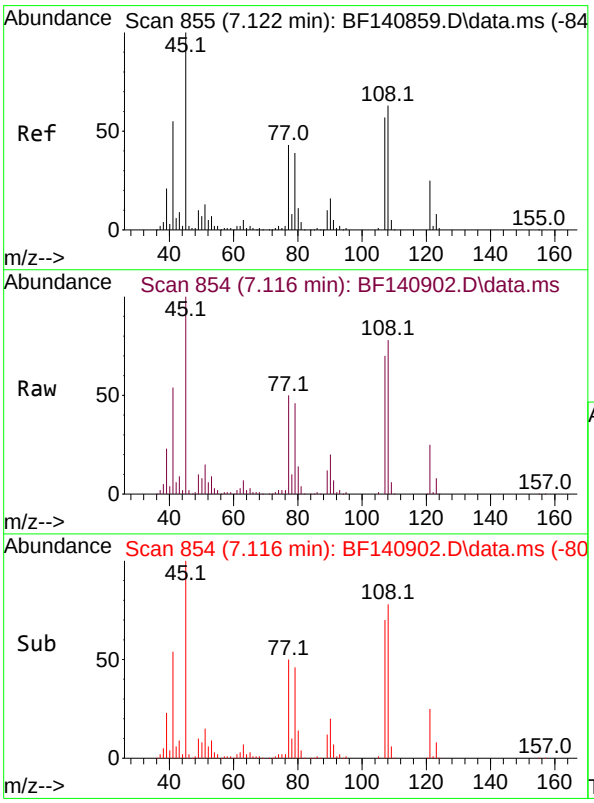
#15
Benzyl Alcohol
Concen: 57.573 ng
RT: 7.004 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion: 79 Resp: 229432

Ion	Ratio	Lower	Upper
79	100		
108	74.5	55.1	82.7
77	61.7	50.6	76.0

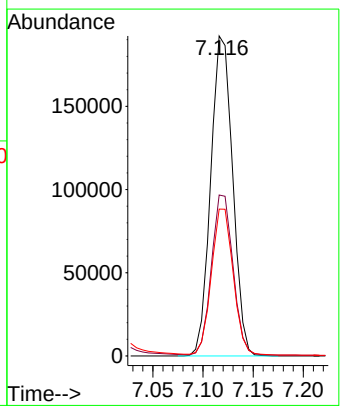


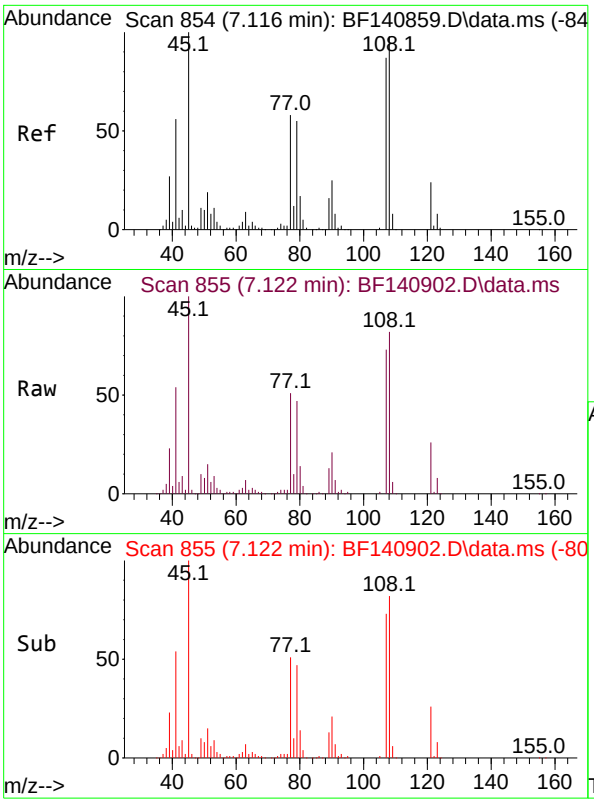


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.588 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 45 Resp: 292246

Ion	Ratio	Lower	Upper
45	100		
77	50.3	23.3	63.3
79	45.9	20.0	60.0



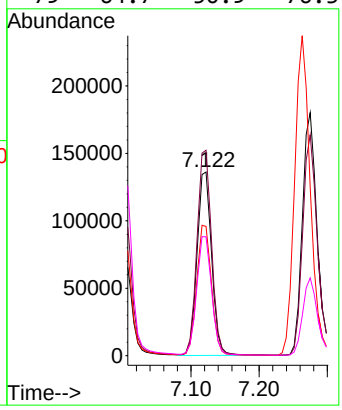


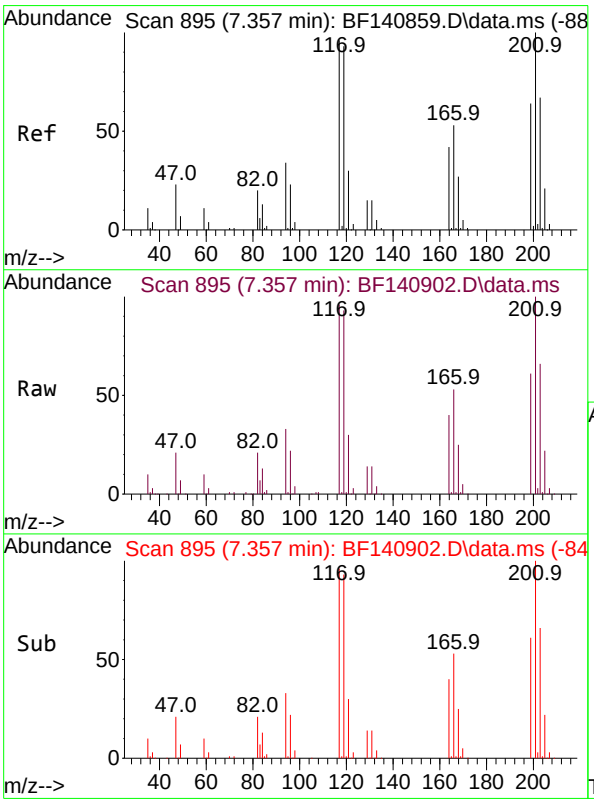
#17
2-Methylphenol
Concen: 55.264 ng
RT: 7.122 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:107 Resp: 202465

Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.2	135.4
77	70.4	53.8	80.6
79	64.7	50.9	76.3

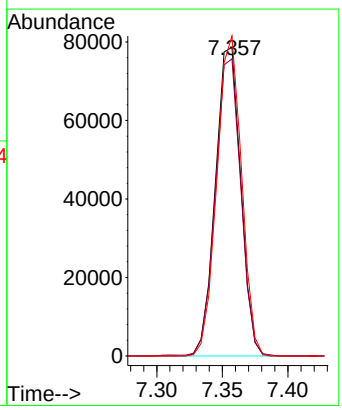


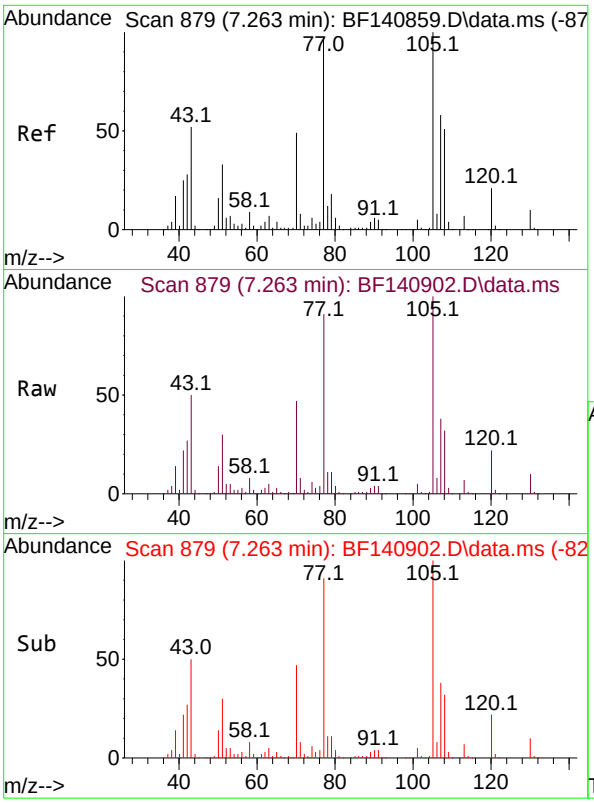


#18
Hexachloroethane
Concen: 53.445 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:117 Resp: 105603

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.0
201	103.7	83.4	125.0



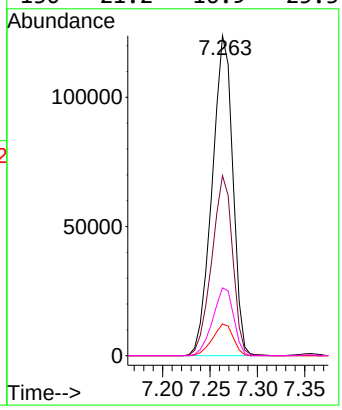


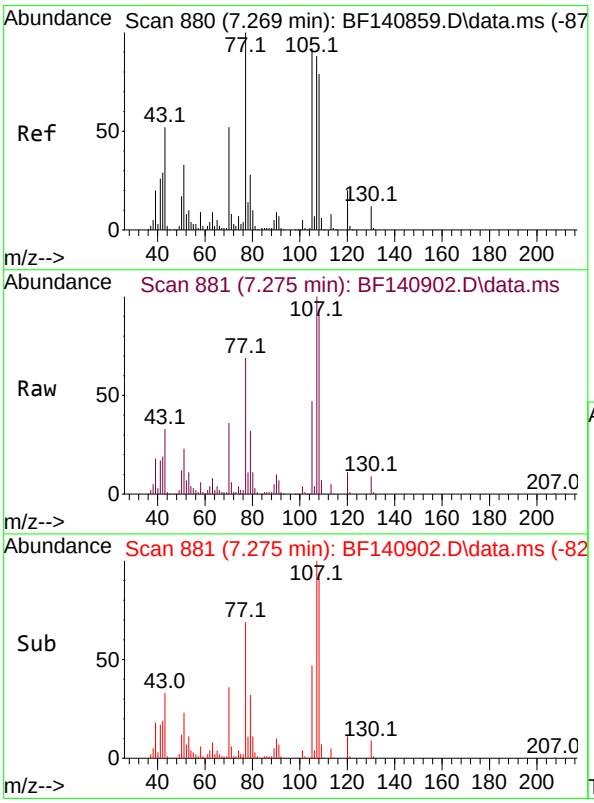
#19
n-Nitroso-di-n-propylamine
Concen: 56.334 ng
RT: 7.263 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion: 70 Resp: 188339

Ion	Ratio	Lower	Upper
70	100		
42	56.2	45.3	67.9
101	9.9	8.0	12.0
130	21.2	16.9	25.3

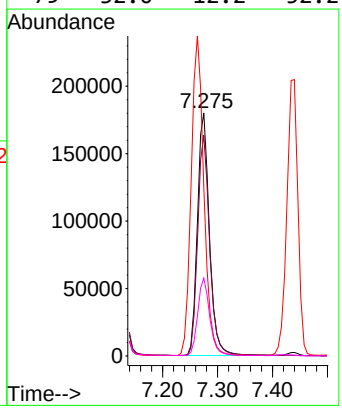


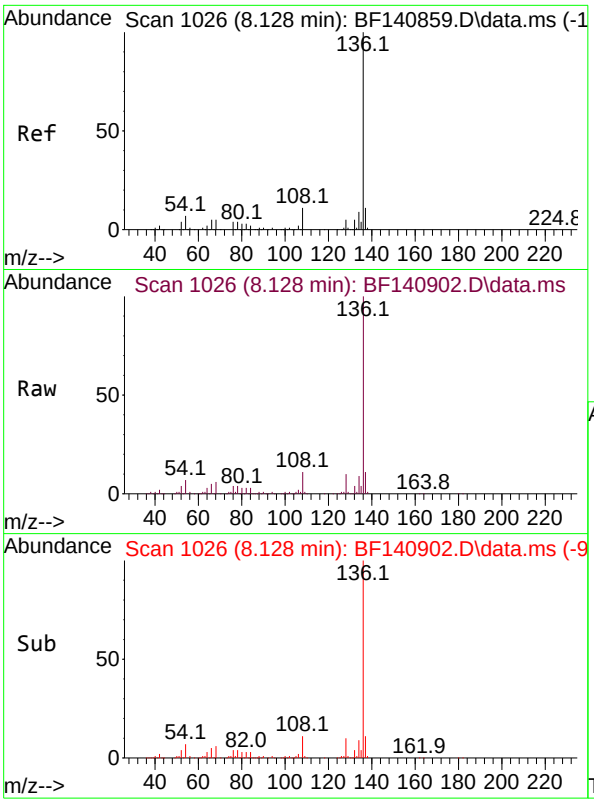


#20
3+4-Methylphenols
Concen: 56.367 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:107 Resp: 273831

Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.1	110.1
77	69.3	94.4	134.4#
79	32.0	12.2	52.2



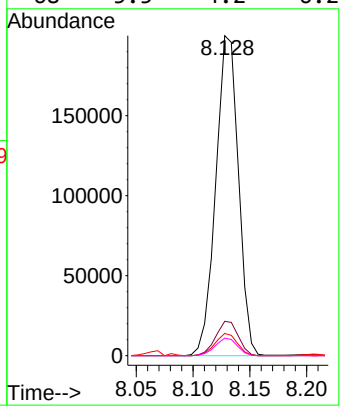


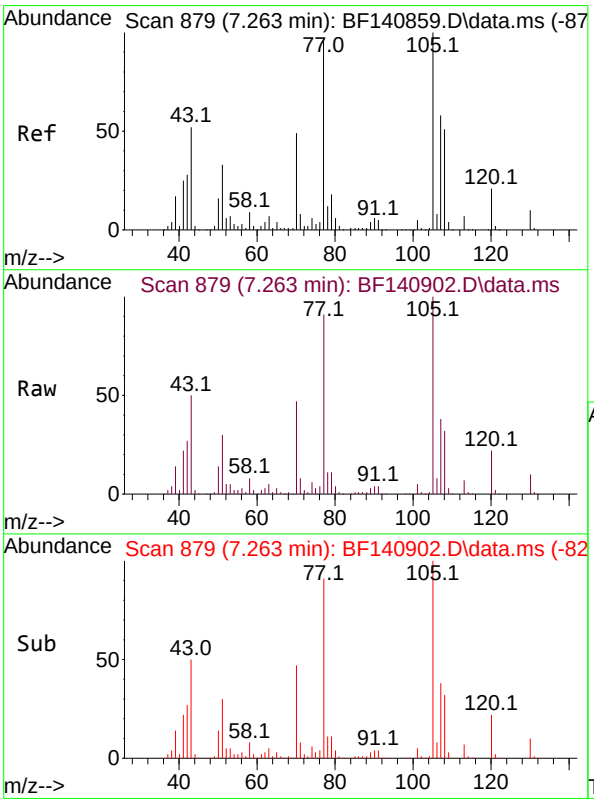
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:136 Resp: 278195

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	7.0	5.6	8.4
68	5.5	4.2	6.2

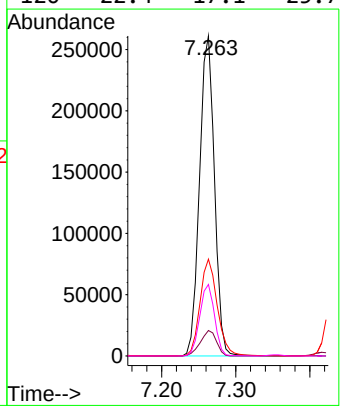


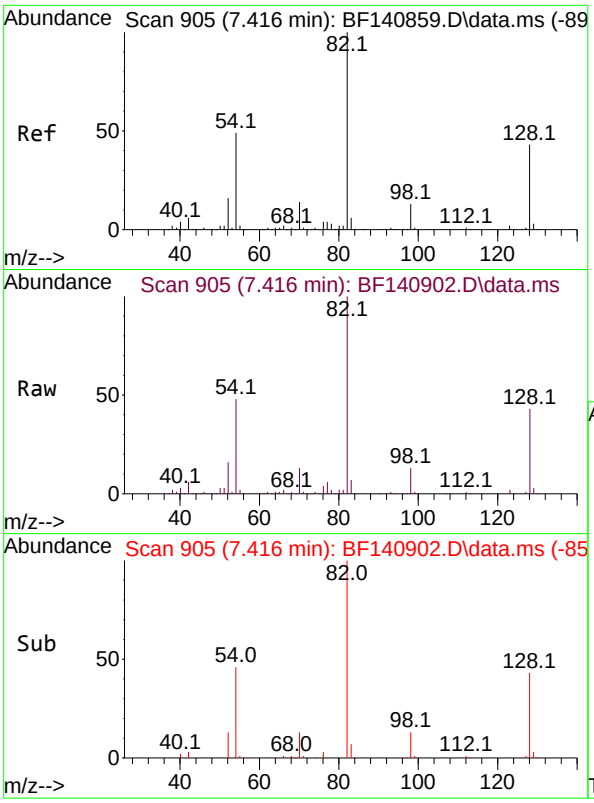


#22
Acetophenone
Concen: 52.502 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:105 Resp: 365369

Ion	Ratio	Lower	Upper
105	100		
71	7.9	6.2	9.4
51	30.3	26.3	39.5
120	22.4	17.1	25.7



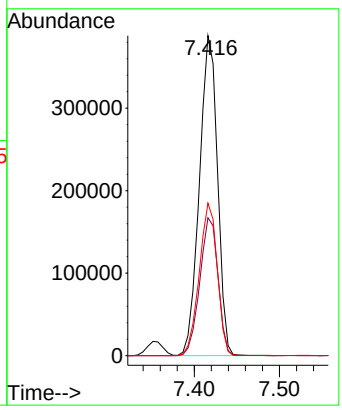


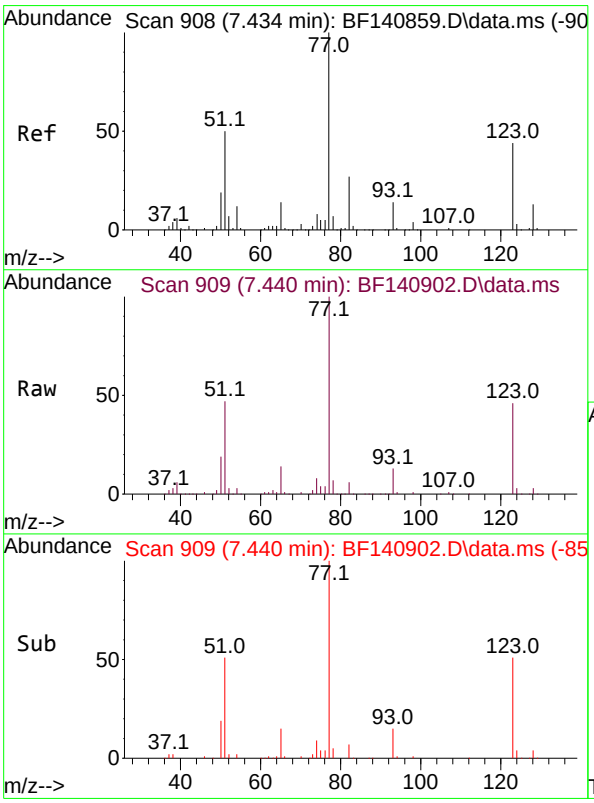
#23
Nitrobenzene-d5
Concen: 102.843 ng
RT: 7.416 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion: 82 Resp: 571852

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.4	51.6
54	47.7	38.8	58.2

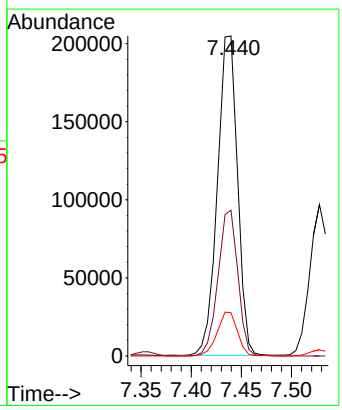


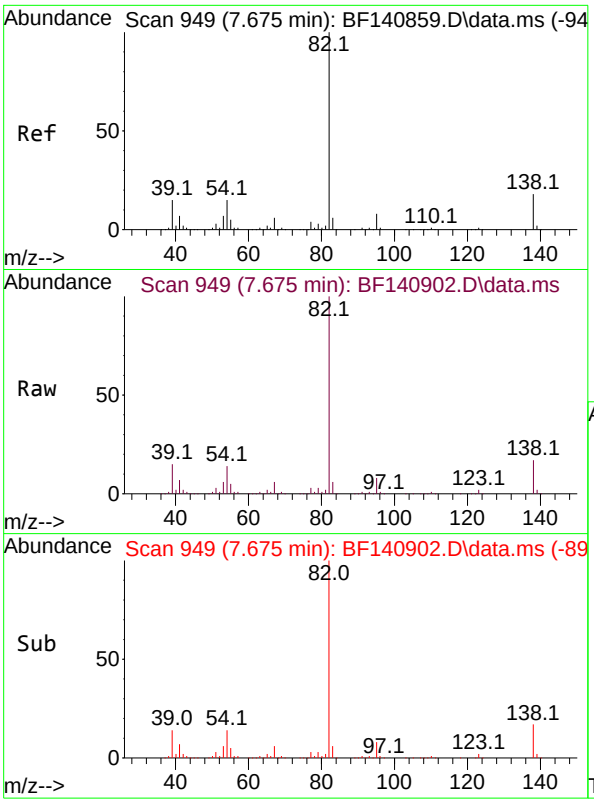


#24
Nitrobenzene
Concen: 50.138 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 77 Resp: 285610

Ion	Ratio	Lower	Upper
77	100		
123	45.5	35.0	52.4
65	13.5	11.4	17.0



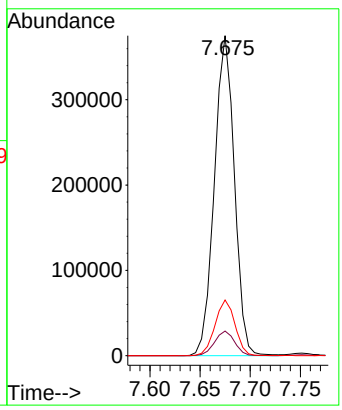


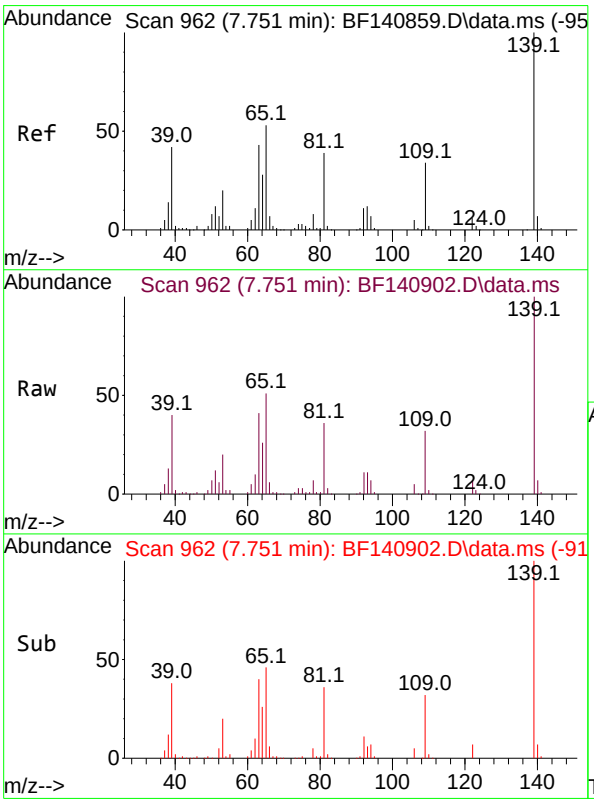
#25
Isophorone
Concen: 55.898 ng
RT: 7.675 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion: 82 Resp: 520793

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.3	9.5
138	17.4	14.1	21.1

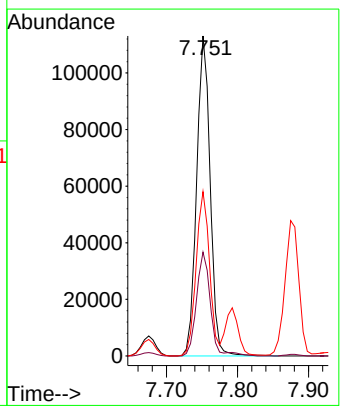


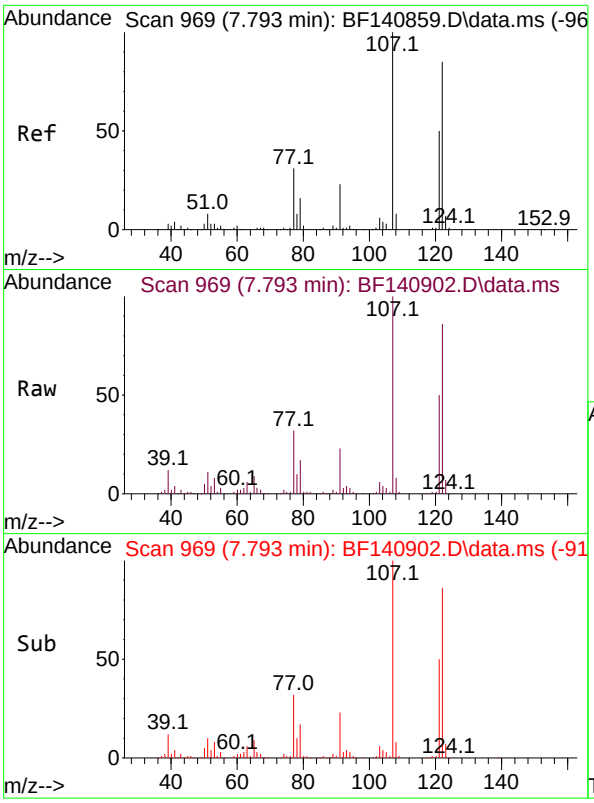


#26
2-Nitrophenol
Concen: 57.252 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:139 Resp: 150207

Ion	Ratio	Lower	Upper
139	100		
109	32.5	26.9	40.3
65	51.4	42.6	64.0



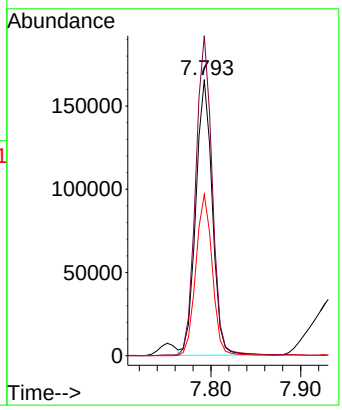


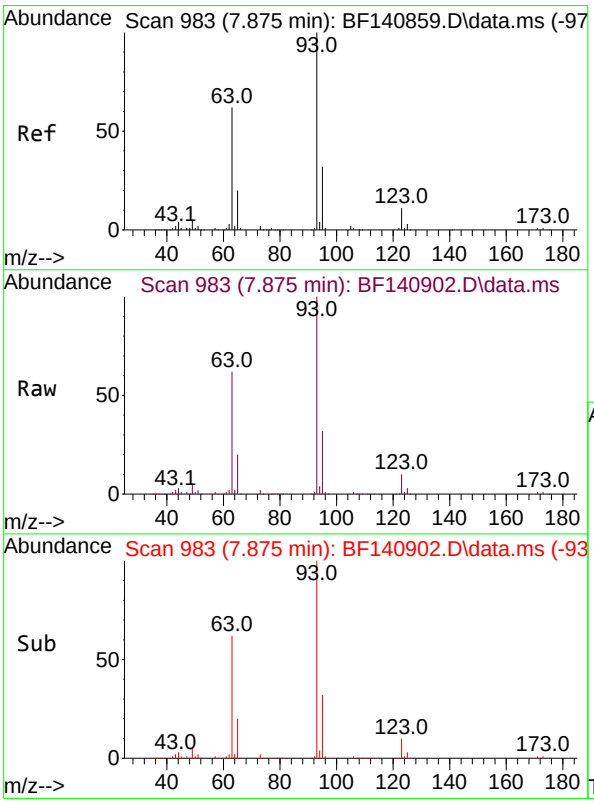
#27
2,4-Dimethylphenol
Concen: 68.786 ng
RT: 7.793 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:122 Resp: 210758

Ion	Ratio	Lower	Upper
122	100		
107	115.9	92.6	139.0
121	58.5	45.8	68.8

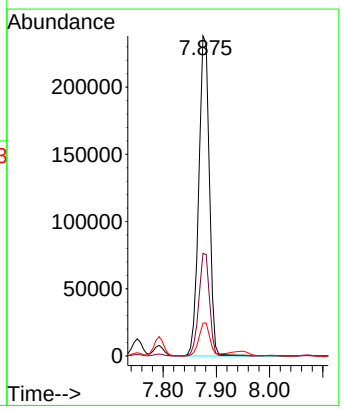


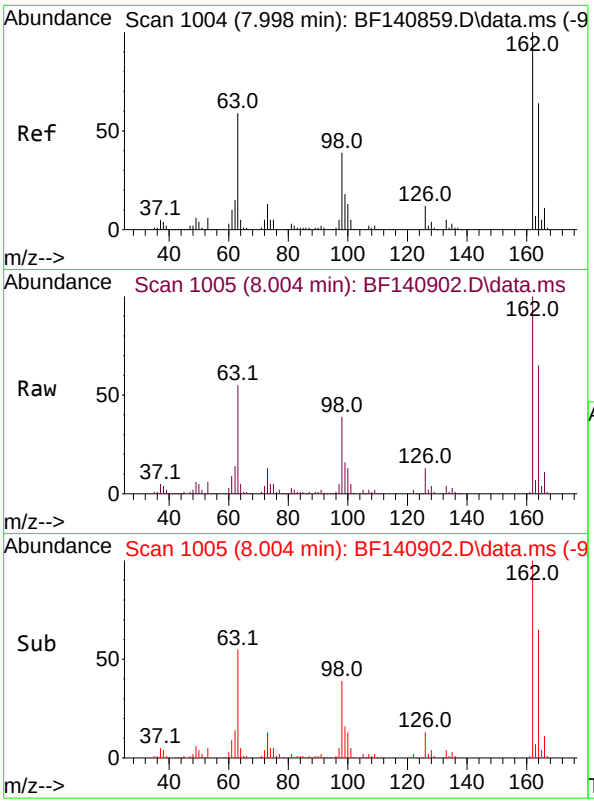


#28
bis(2-Chloroethoxy)methane
Concen: 56.480 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 93 Resp: 328662

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.3	37.9
123	10.3	8.6	13.0



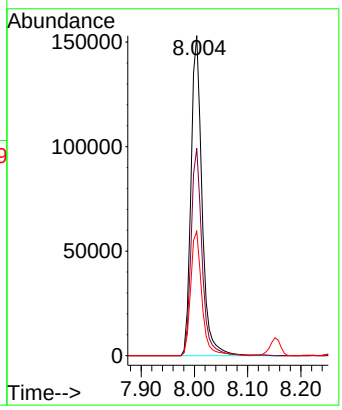


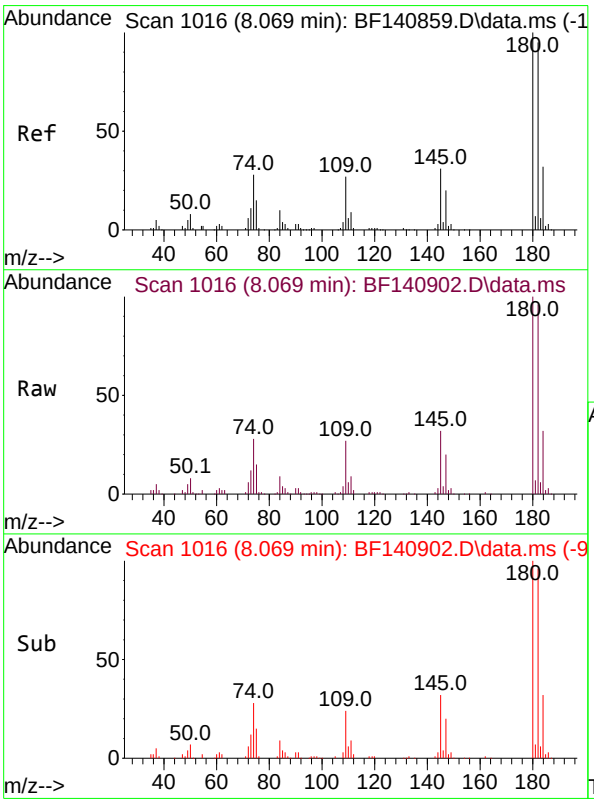
#29
2,4-Dichlorophenol
Concen: 52.100 ng
RT: 8.004 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:162 Resp: 220391

Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.7	83.7
98	38.8	18.6	58.6

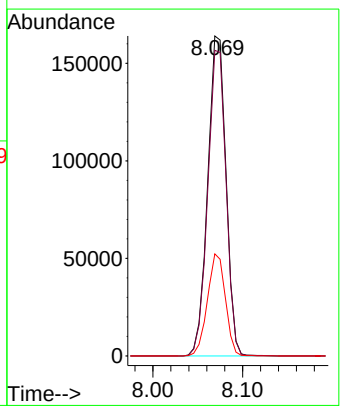


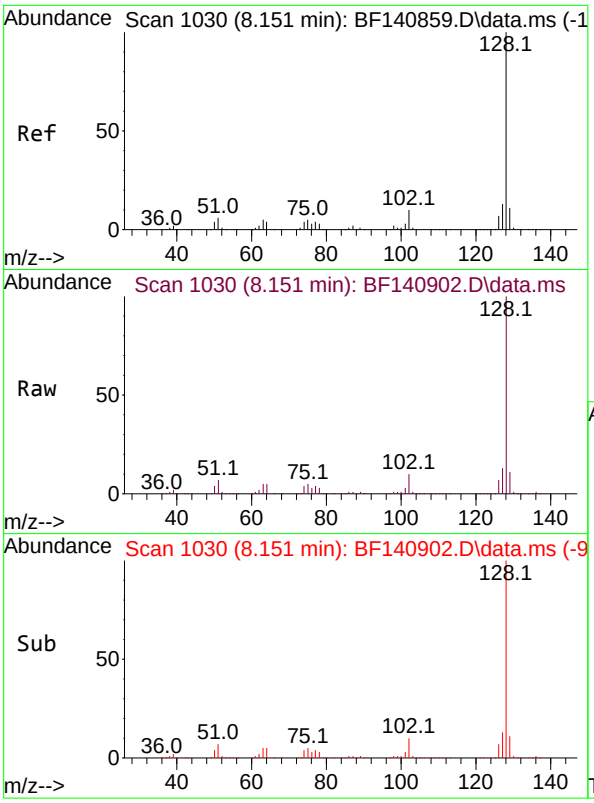


#30
1,2,4-Trichlorobenzene
Concen: 47.884 ng
RT: 8.069 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:180 Resp: 232201

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	31.9	25.2	37.8



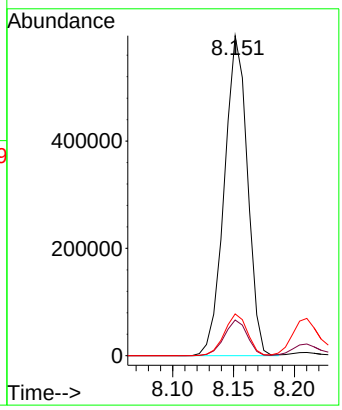


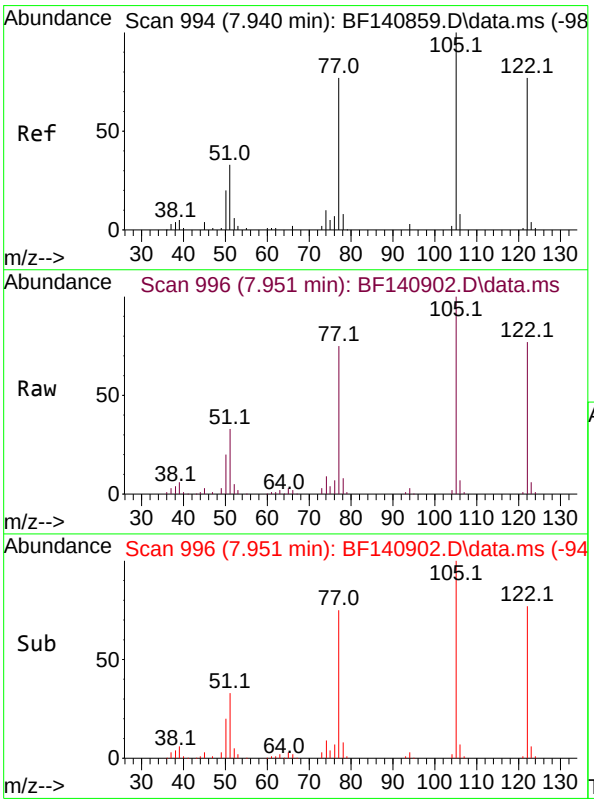
#31
Naphthalene
Concen: 51.511 ng
RT: 8.151 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:128 Resp: 787164

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.1	10.6	16.0

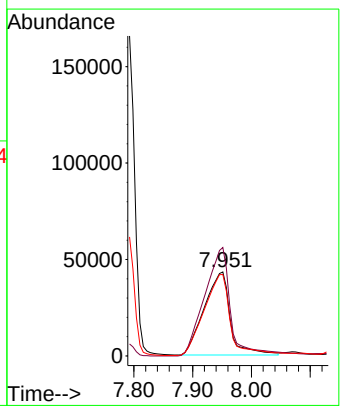


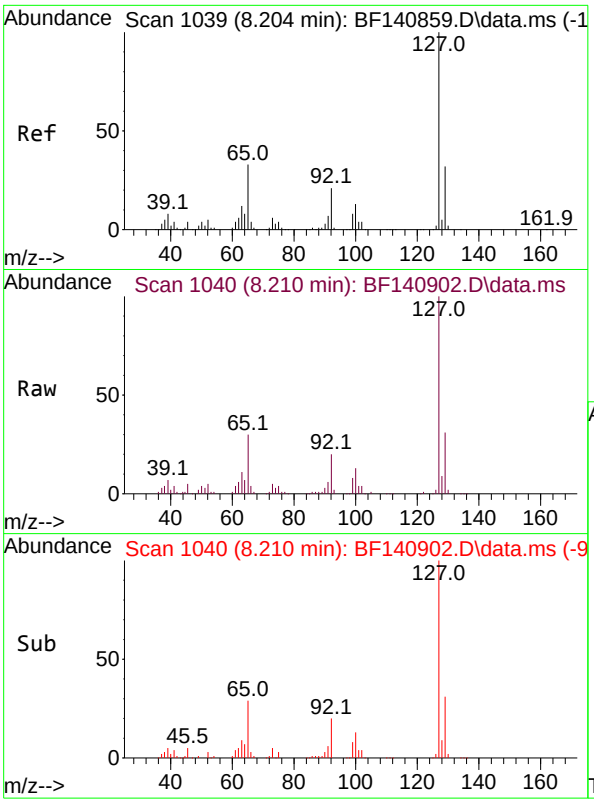


#32
Benzoic acid
Concen: 45.837 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.011 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:122 Resp: 133197

Ion	Ratio	Lower	Upper
122	100		
105	129.0	108.3	148.3
77	96.9	78.8	118.8



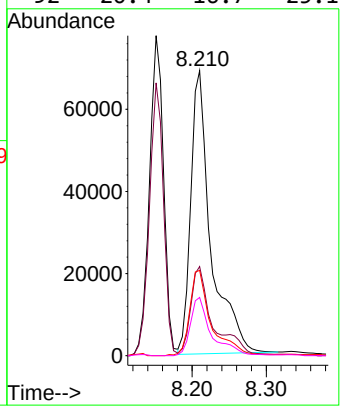


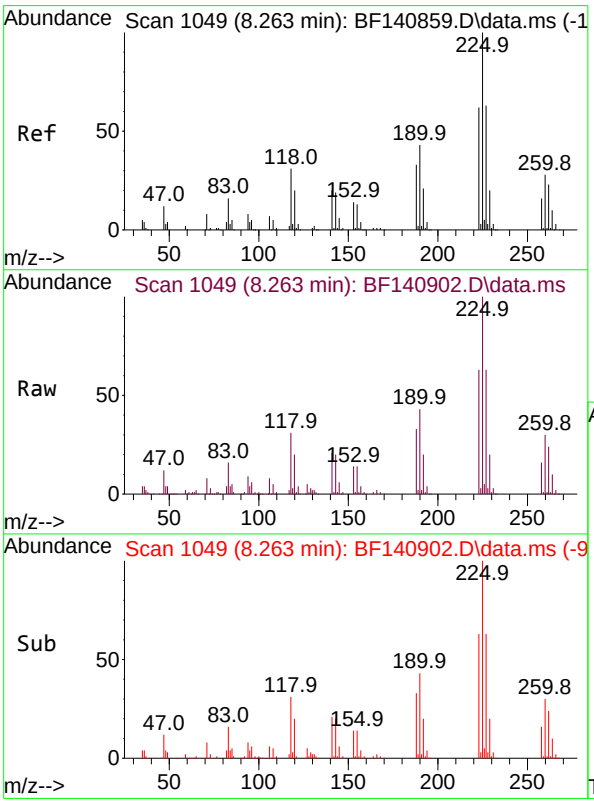
#33
4-Chloroaniline
Concen: 25.735 ng
RT: 8.210 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:127 Resp: 130614

Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.0	39.0
65	30.0	26.0	39.0
92	20.4	16.7	25.1

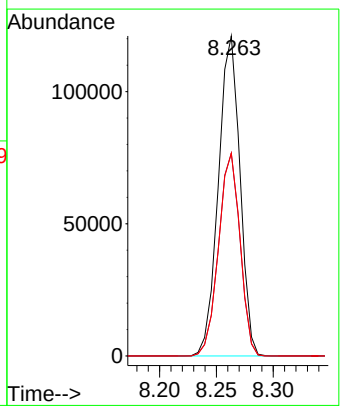


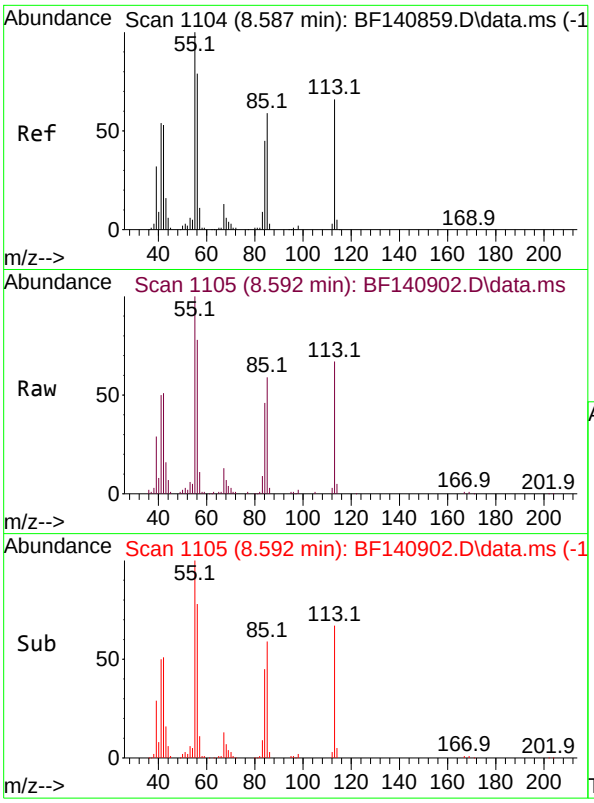


#34
Hexachlorobutadiene
Concen: 49.040 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:225 Resp: 159995

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.6	74.4
227	63.3	50.7	76.1



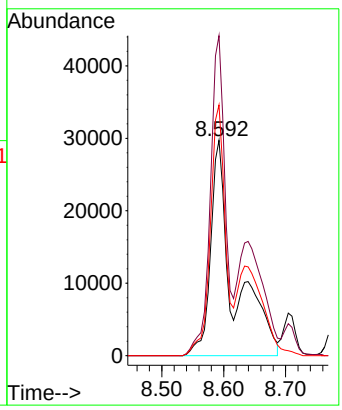


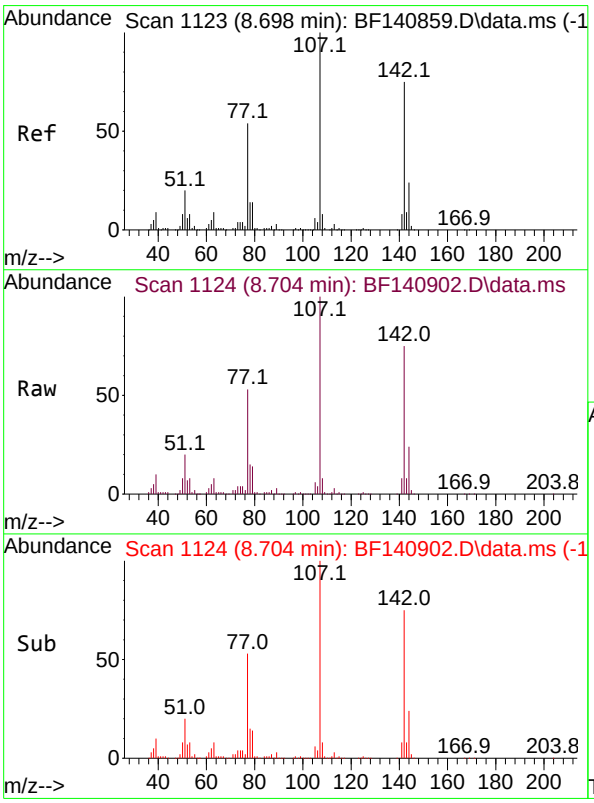
#35
Caprolactam
Concen: 61.724 ng m
RT: 8.592 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:113 Resp: 77732

Ion	Ratio	Lower	Upper
113	100		
55	148.6	132.3	172.3
56	116.4	100.3	140.3

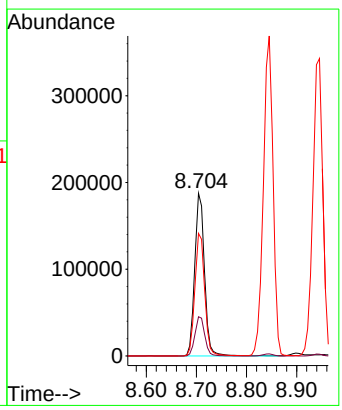


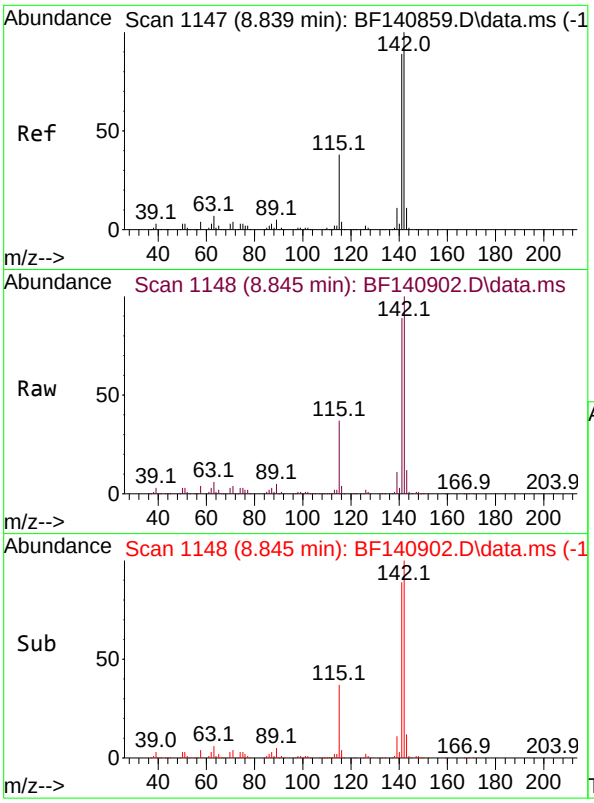


#36
4-Chloro-3-methylphenol
Concen: 53.283 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:107 Resp: 253682

Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.4	29.2
142	75.4	60.3	90.5



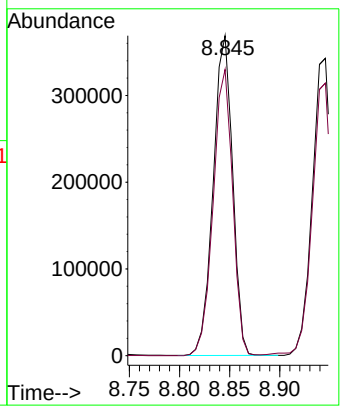


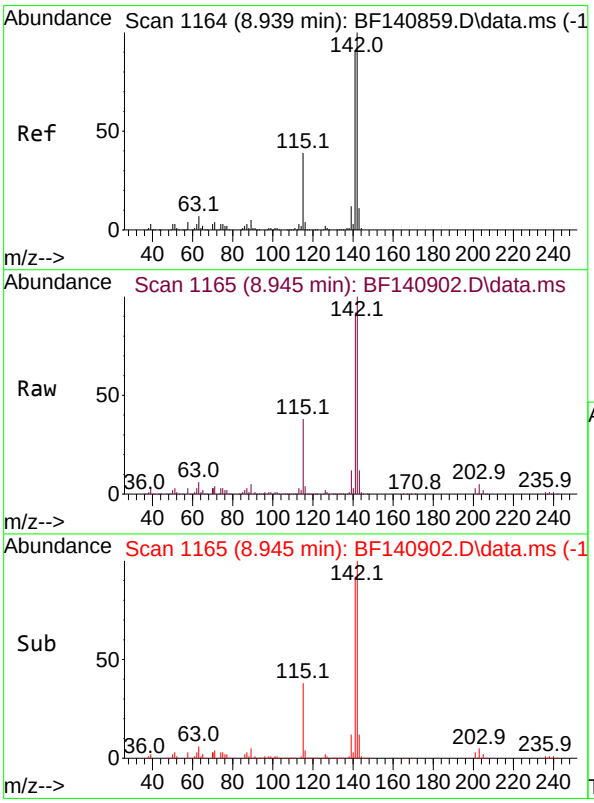
#37
2-Methylnaphthalene
Concen: 49.008 ng
RT: 8.845 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:142 Resp: 495413

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6

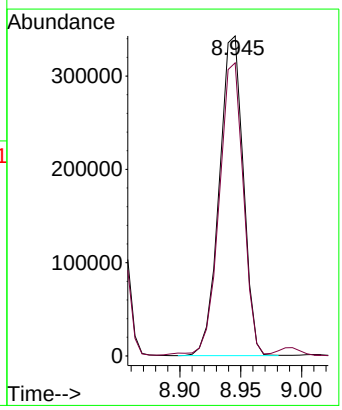


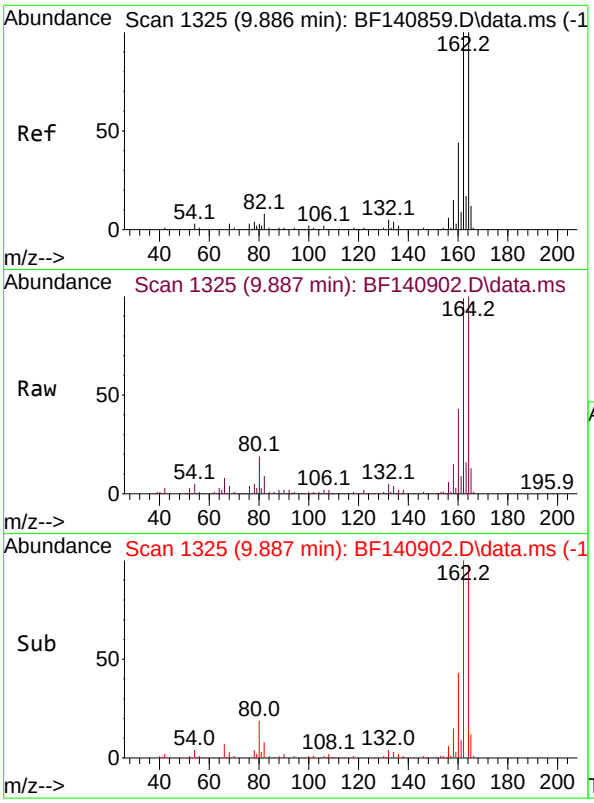


#38
1-Methylnaphthalene
Concen: 46.973 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:142 Resp: 469604

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.4	110.0



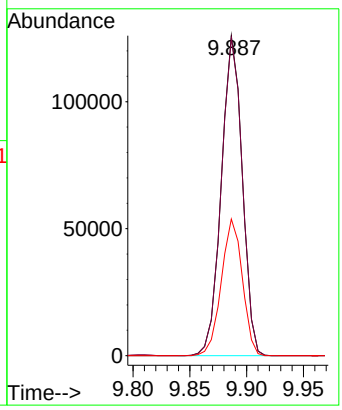


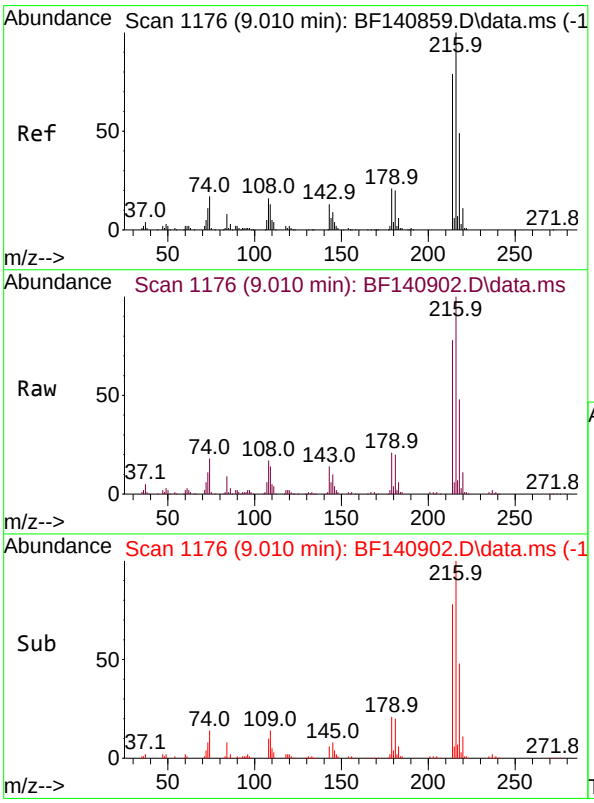
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.887 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:164 Resp: 161313

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.9	119.9
160	42.7	35.2	52.8

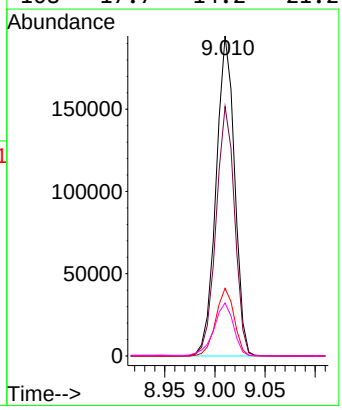


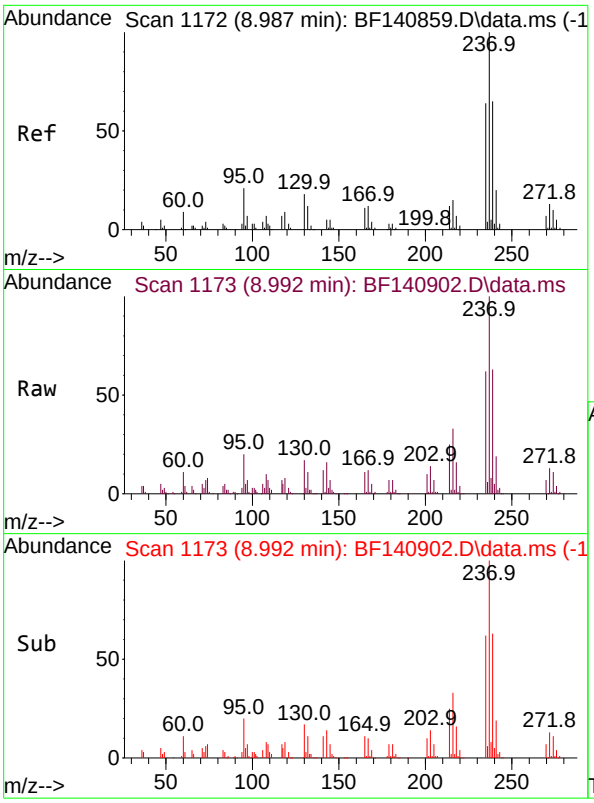


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.361 ng
RT: 9.010 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:216 Resp: 249701

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.6	95.4
179	20.9	17.0	25.4
108	17.7	14.2	21.2



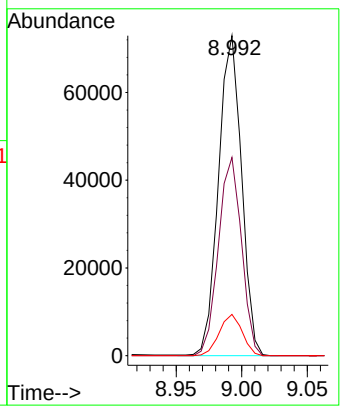


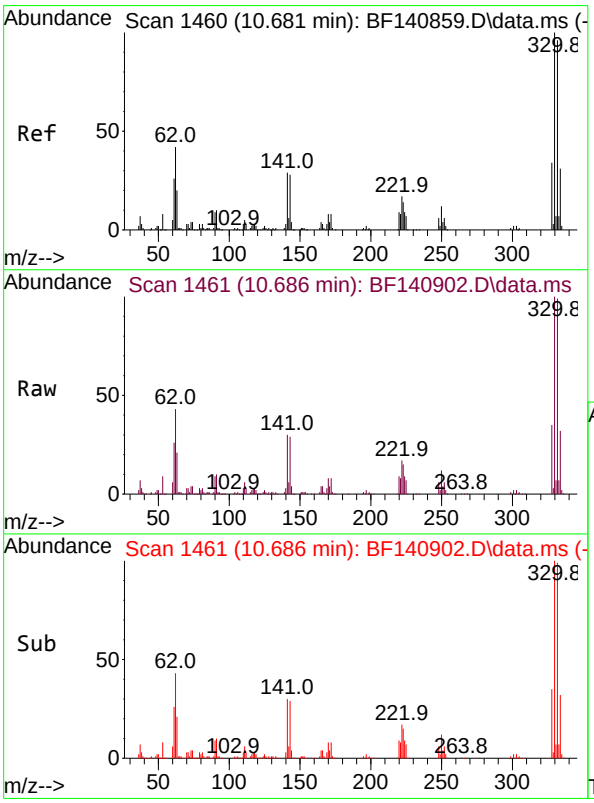
#41
Hexachlorocyclopentadiene
Concen: 60.366 ng
RT: 8.992 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:237 Resp: 89134

Ion	Ratio	Lower	Upper
237	100		
235	62.0	43.7	83.7
272	12.9	0.0	32.9

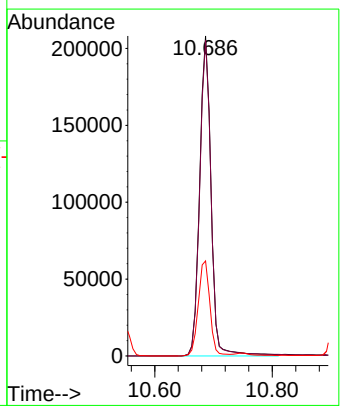


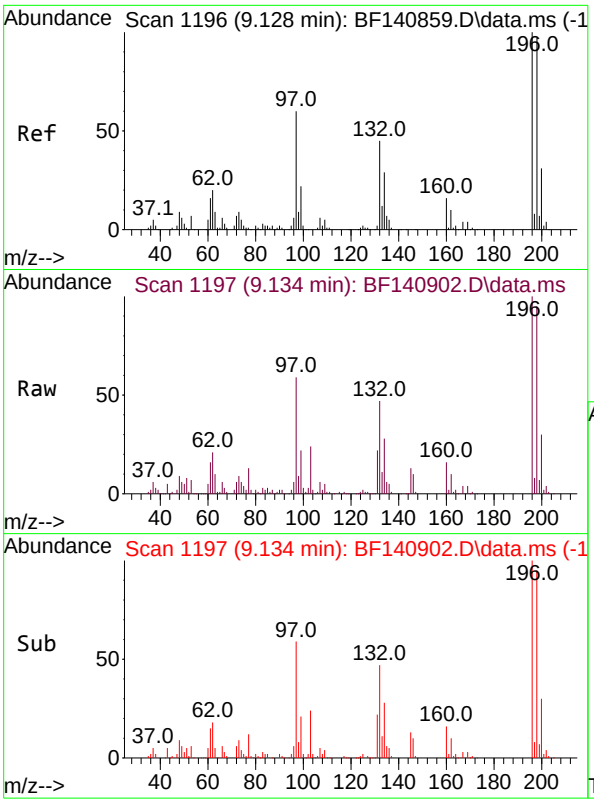


#42
2,4,6-Tribromophenol
Concen: 147.234 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:330 Resp: 280904

Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.2	114.4
141	30.3	24.9	37.3



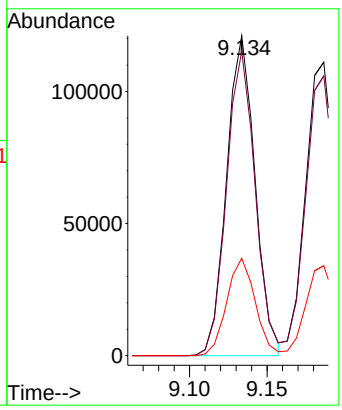


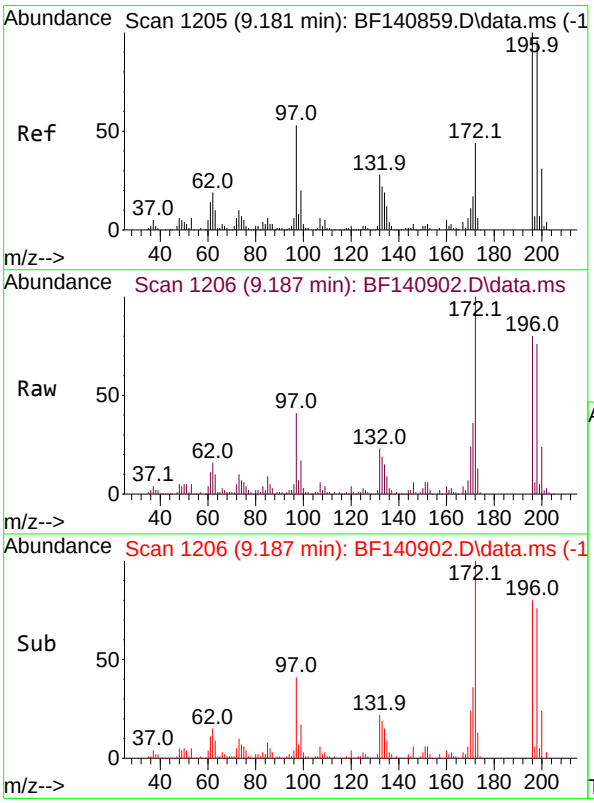
#43
2,4,6-Trichlorophenol
Concen: 50.984 ng
RT: 9.134 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:196 Resp: 154788

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.4	116.0
200	30.4	24.5	36.7

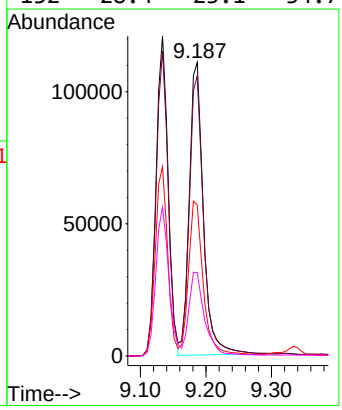


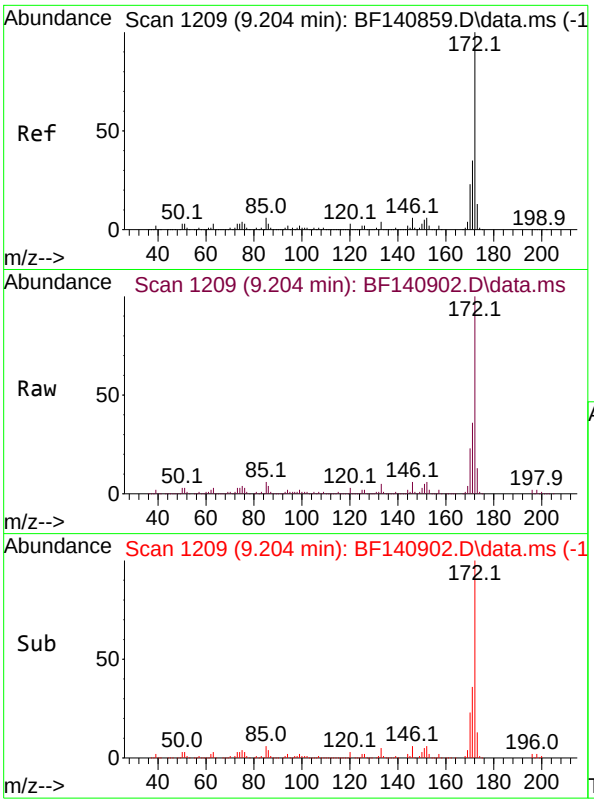


#44
2,4,5-Trichlorophenol
Concen: 49.849 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:196 Resp: 166346

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.2	115.8
97	51.4	42.2	63.4
132	28.4	23.1	34.7



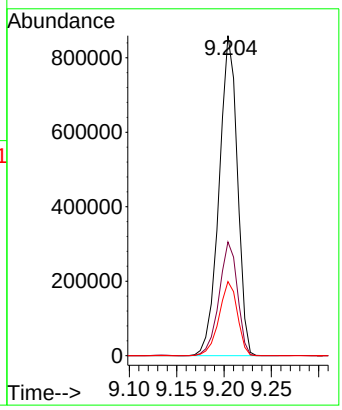


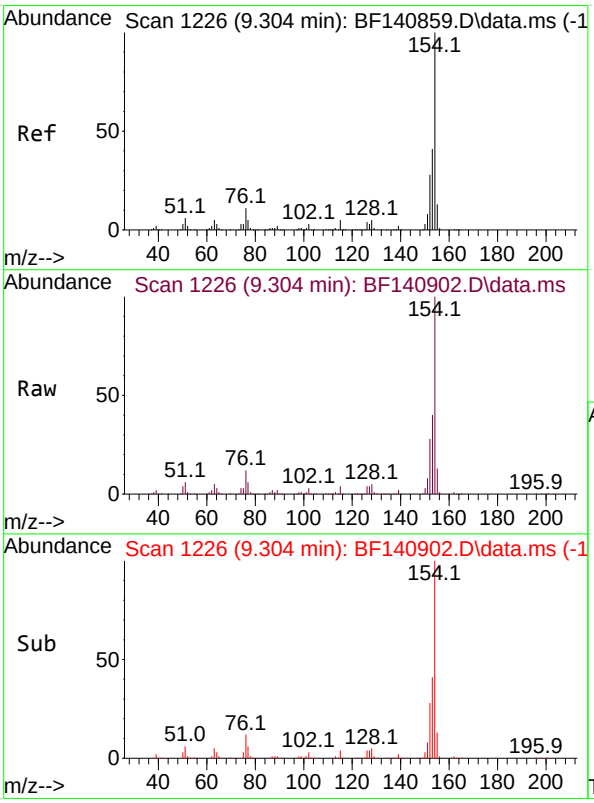
#45
2-Fluorobiphenyl
Concen: 98.777 ng
RT: 9.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:172 Resp: 1158965

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.4	42.6
170	23.1	18.6	28.0

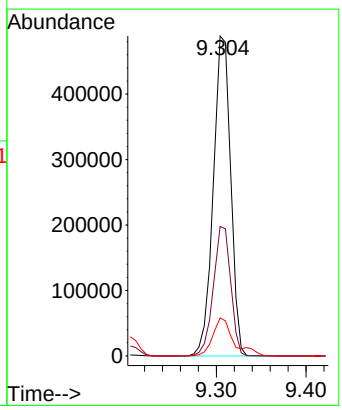


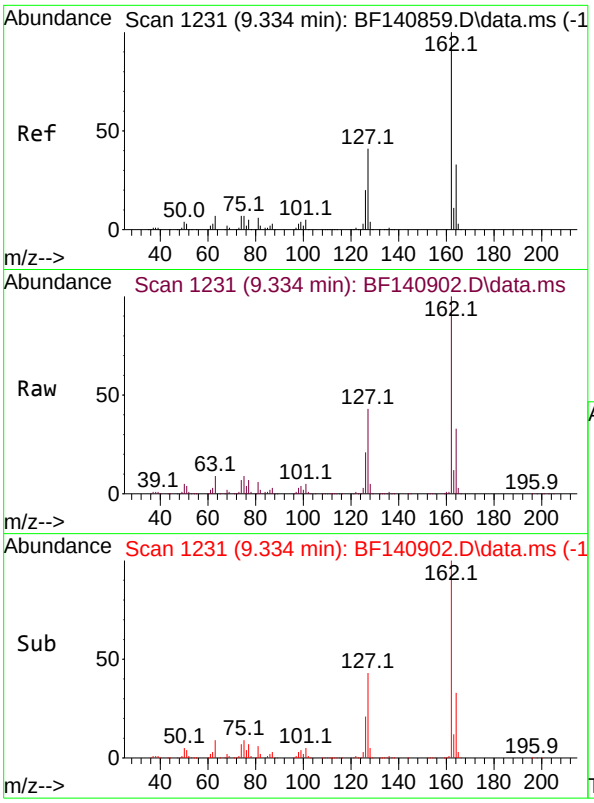


#46
1,1'-Biphenyl
Concen: 51.364 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:154 Resp: 658859

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.8	60.8
76	11.9	0.0	31.0



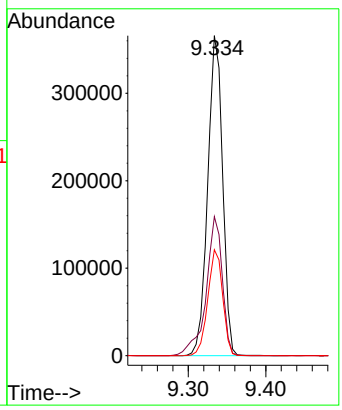


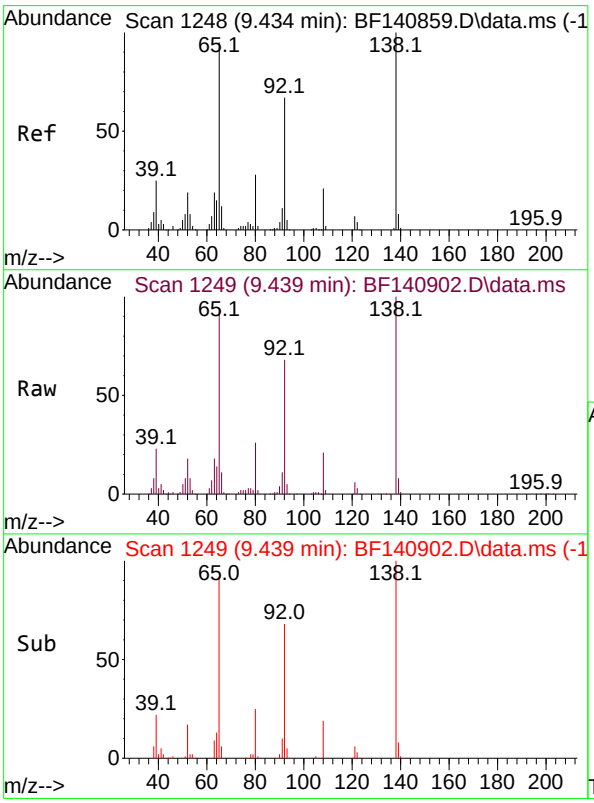
#47
2-Chloronaphthalene
Concen: 49.772 ng
RT: 9.334 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:162 Resp: 488415

Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.5	50.3
164	33.1	26.2	39.2

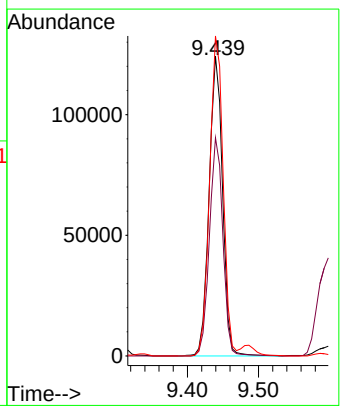


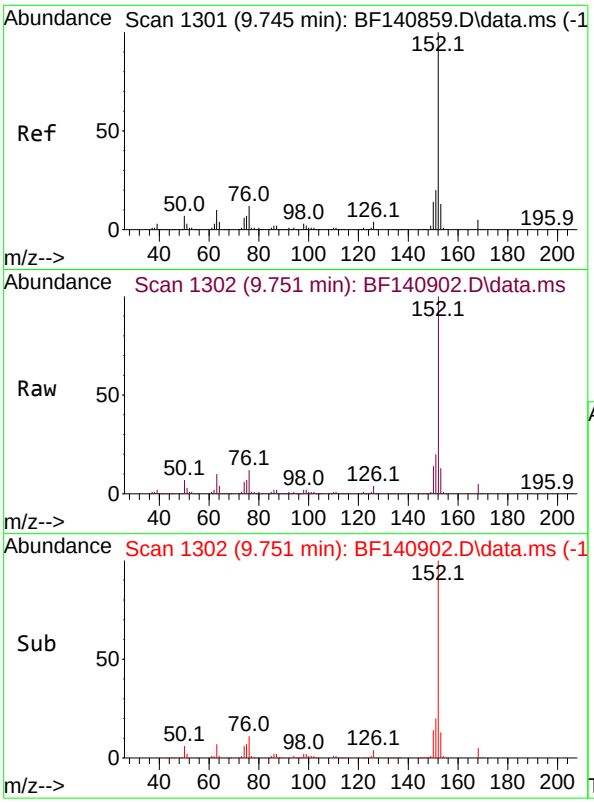


#48
2-Nitroaniline
Concen: 55.302 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 65 Resp: 163899

Ion	Ratio	Lower	Upper
65	100		
92	72.8	56.3	84.5
138	106.7	83.8	125.6



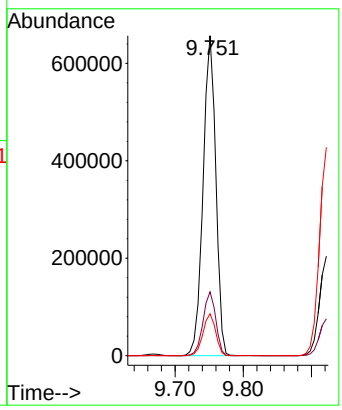


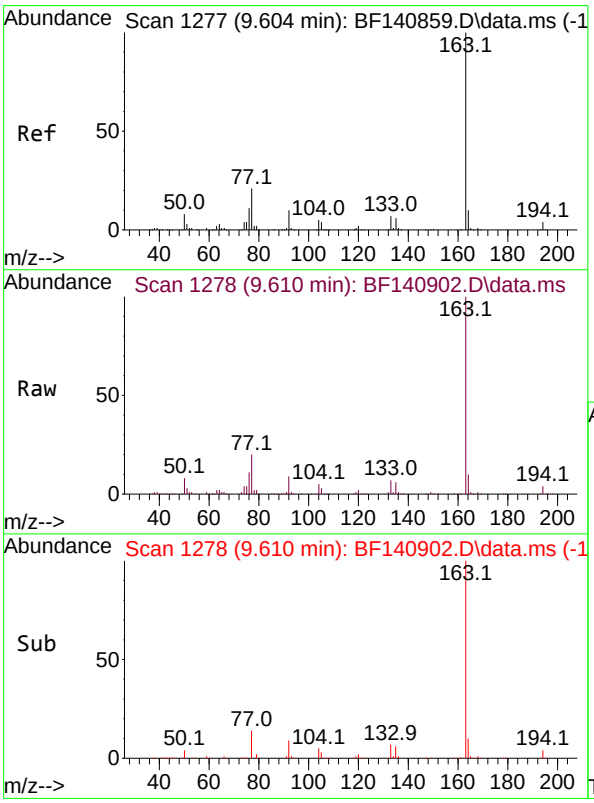
#49
Acenaphthylene
Concen: 59.172 ng
RT: 9.751 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:152 Resp: 853325

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.1	10.6	16.0

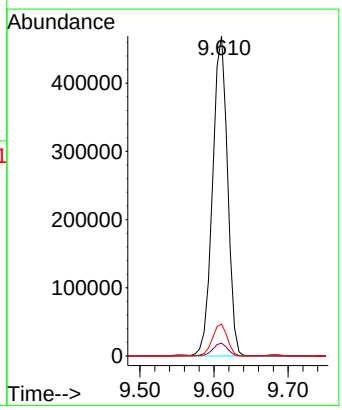


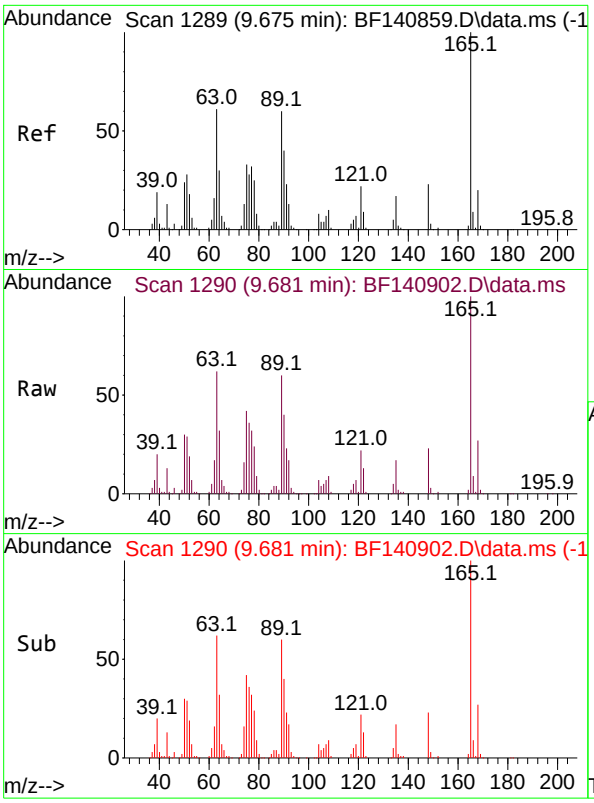


#50
Dimethylphthalate
Concen: 57.792 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:163 Resp: 657261

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.0	8.1	12.1



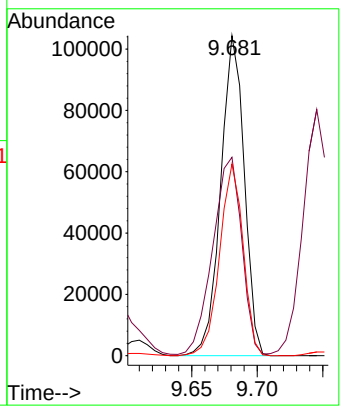


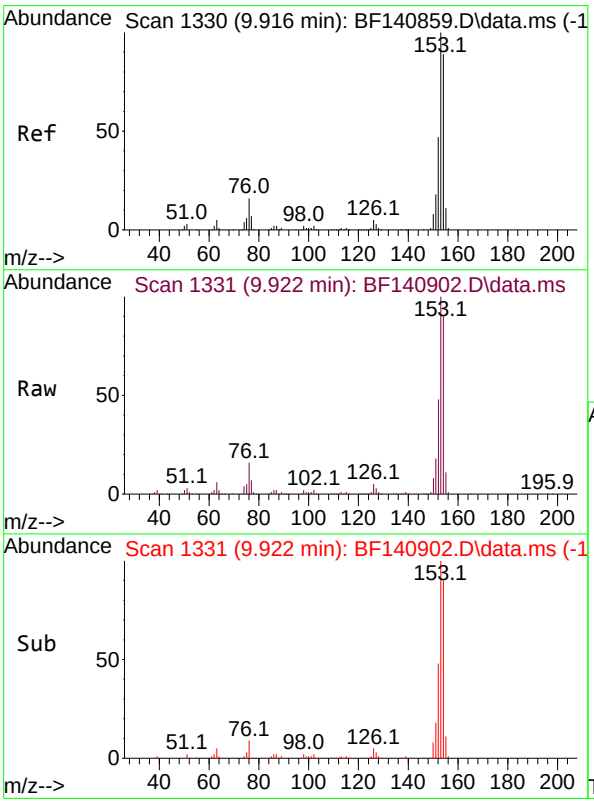
#51
2,6-Dinitrotoluene
Concen: 50.157 ng
RT: 9.681 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:165 Resp: 130406

Ion	Ratio	Lower	Upper
165	100		
63	62.0	49.7	74.5
89	59.9	48.2	72.4

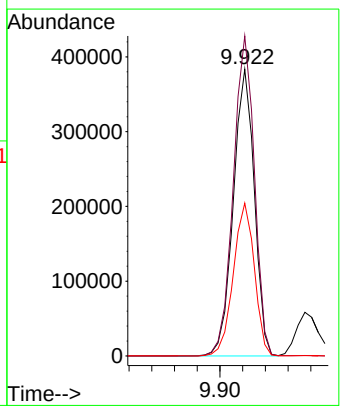


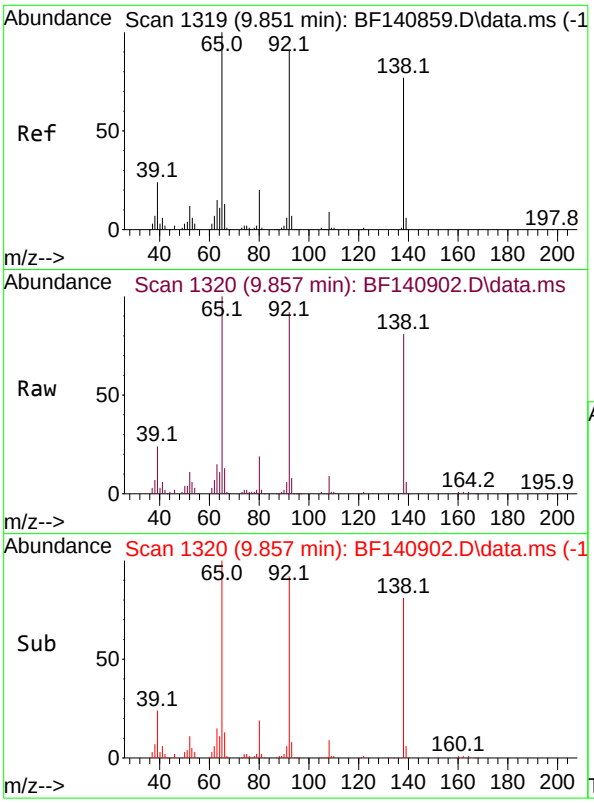


#52
Acenaphthene
Concen: 53.554 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:154 Resp: 493337

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.9	134.9
152	53.3	42.6	63.8



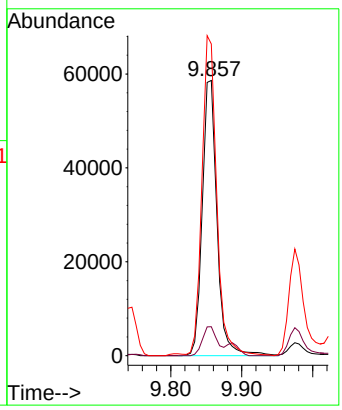


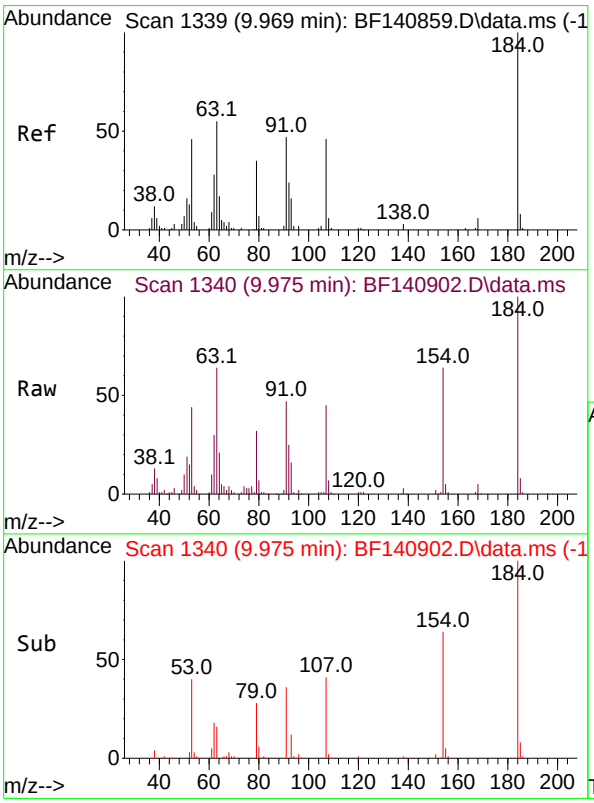
#53
3-Nitroaniline
Concen: 32.893 ng
RT: 9.857 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:138 Resp: 84869

Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.0	13.4
92	113.2	95.5	143.3

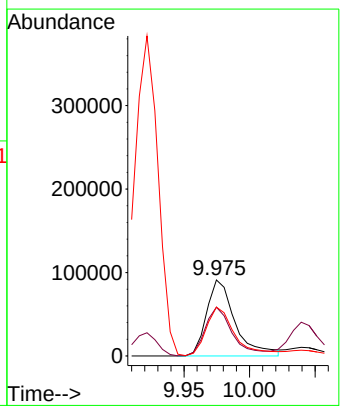


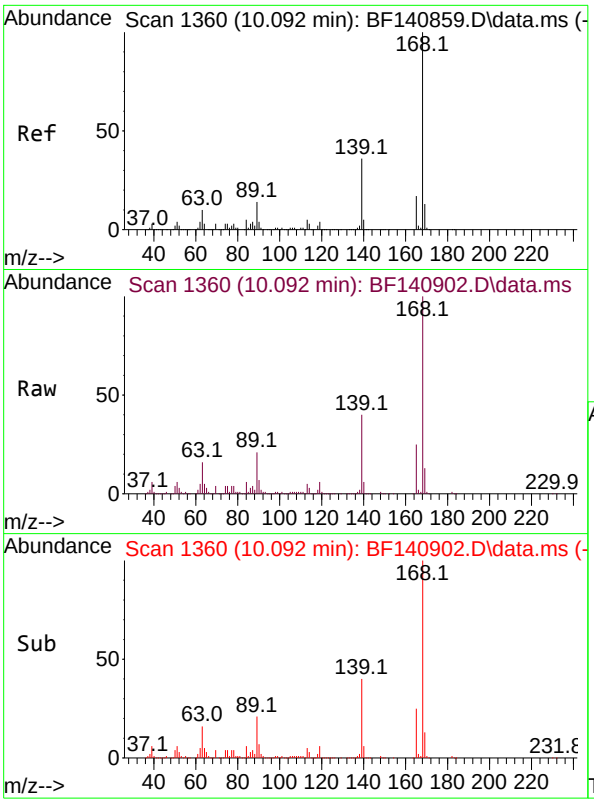


#54
2,4-Dinitrophenol
Concen: 106.627 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:184 Resp: 138273

Ion	Ratio	Lower	Upper
184	100		
63	64.2	51.6	77.4
154	64.1	56.1	84.1



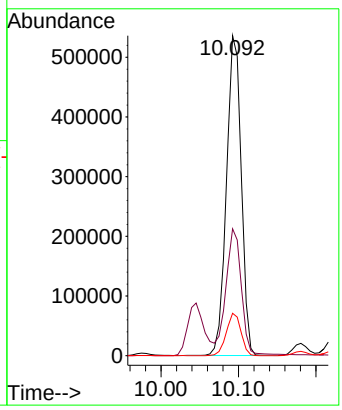


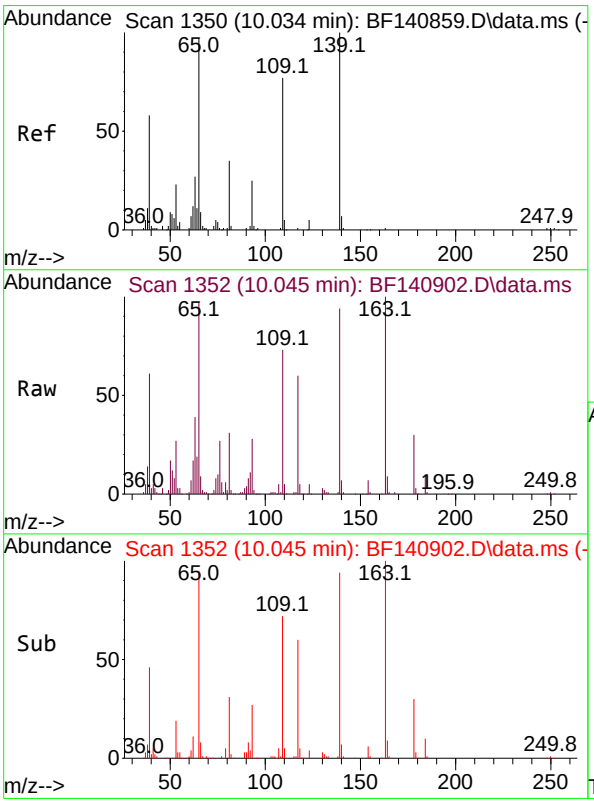
#55
Dibenzofuran
Concen: 49.825 ng
RT: 10.092 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:168 Resp: 711219

Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.1	46.7
169	13.2	10.6	16.0

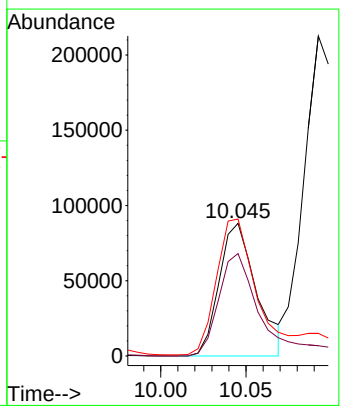


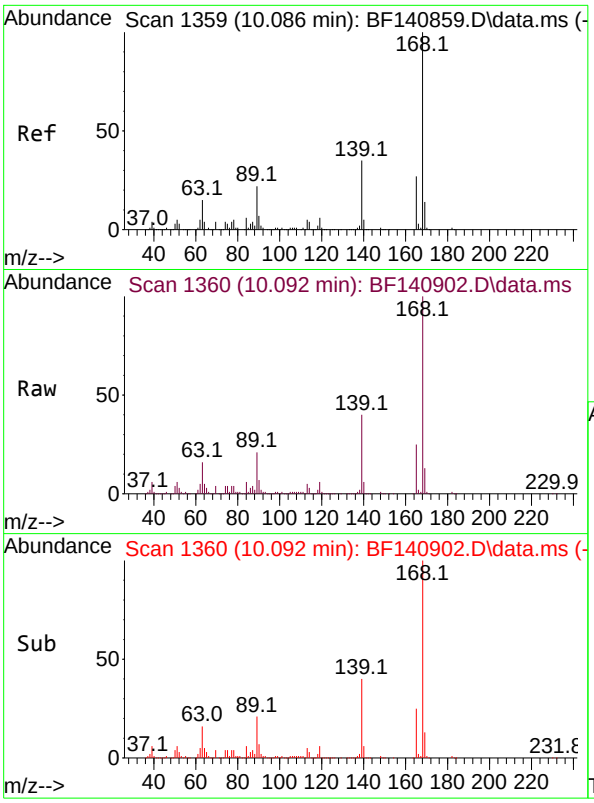


#56
4-Nitrophenol
Concen: 95.466 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.011 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:139 Resp: 133758

Ion	Ratio	Lower	Upper
139	100		
109	77.2	56.7	96.7
65	103.2	78.1	118.1



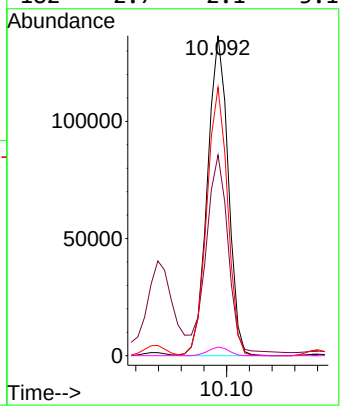


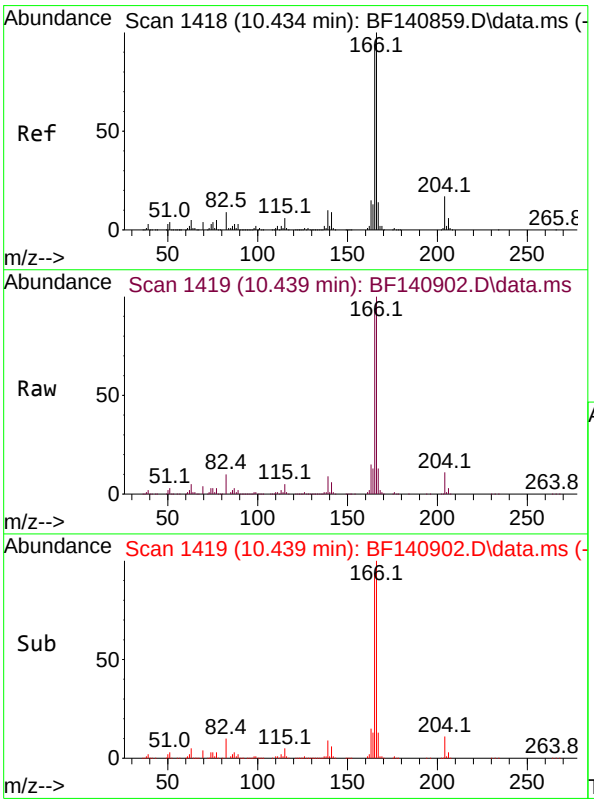
#57
2,4-Dinitrotoluene
Concen: 50.624 ng
RT: 10.092 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:165 Resp: 173175

Ion	Ratio	Lower	Upper
165	100		
63	62.7	49.3	73.9
89	83.9	66.2	99.4
182	2.7	2.1	3.1

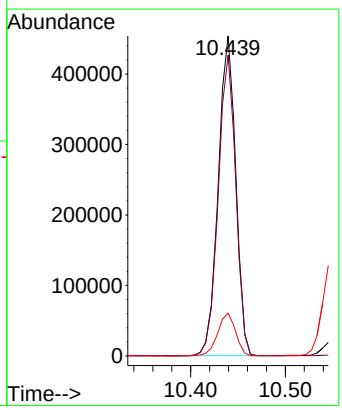


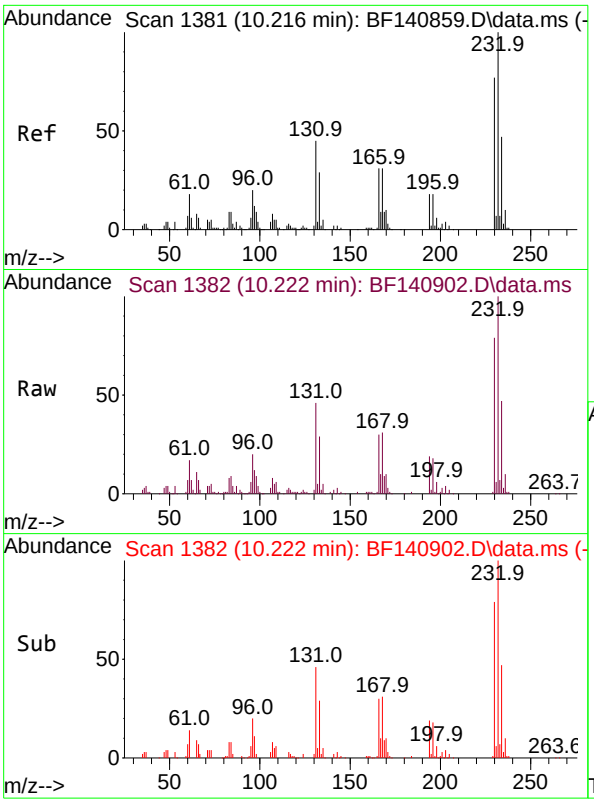


#58
Fluorene
Concen: 49.441 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:166 Resp: 582232

Ion	Ratio	Lower	Upper
166	100		
165	94.0	75.1	112.7
167	13.4	11.1	16.7



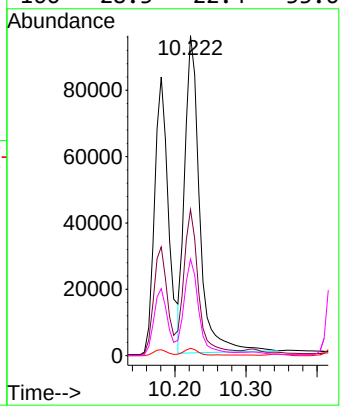


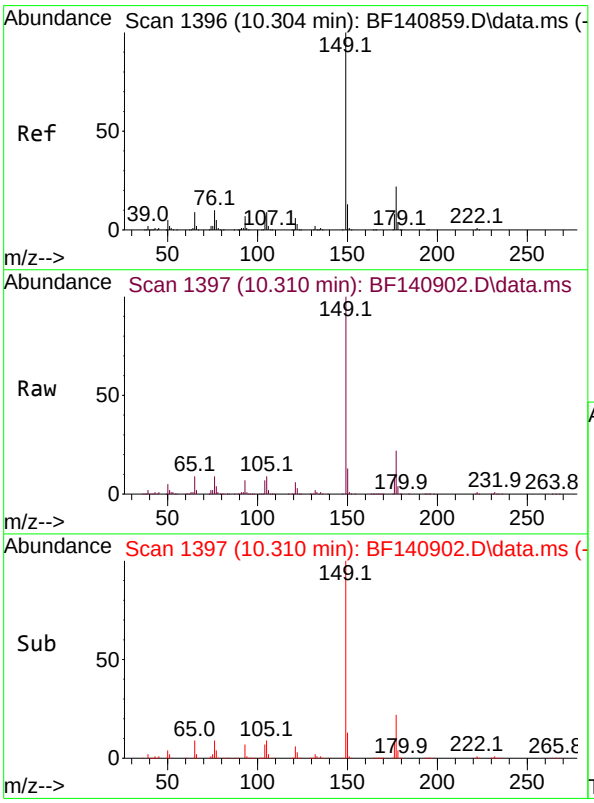
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.506 ng
RT: 10.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:232 Resp: 140053

Ion	Ratio	Lower	Upper
232	100		
131	46.3	35.1	52.7
130	2.1	1.8	2.8
166	28.3	22.4	33.6

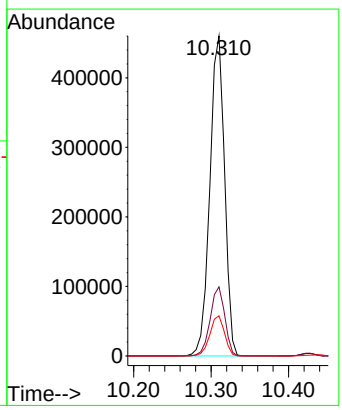


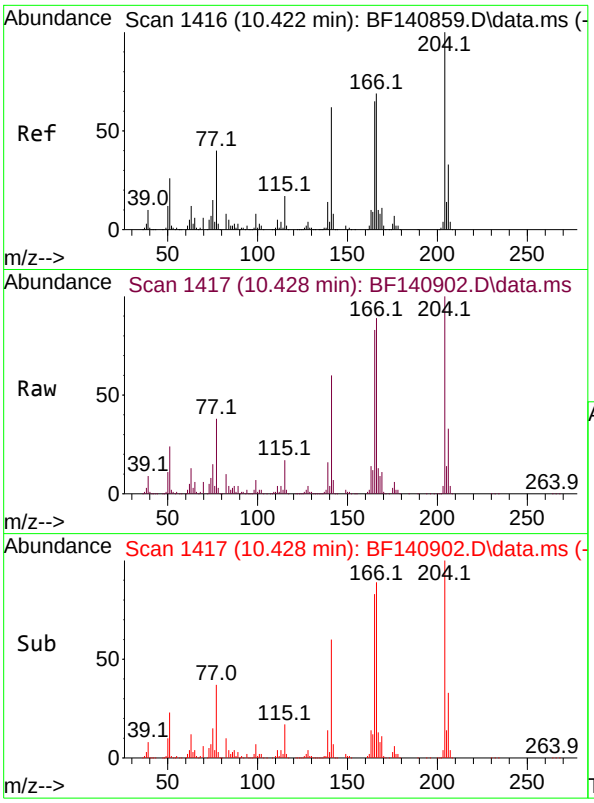


#60
Diethylphthalate
Concen: 51.506 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:149 Resp: 607431

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.2	25.8
150	12.6	10.1	15.1



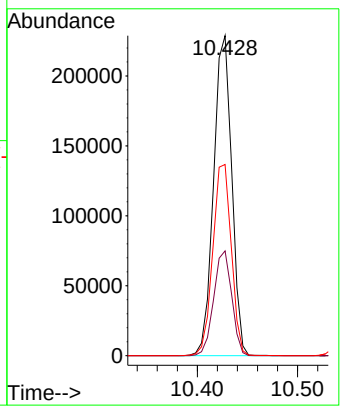


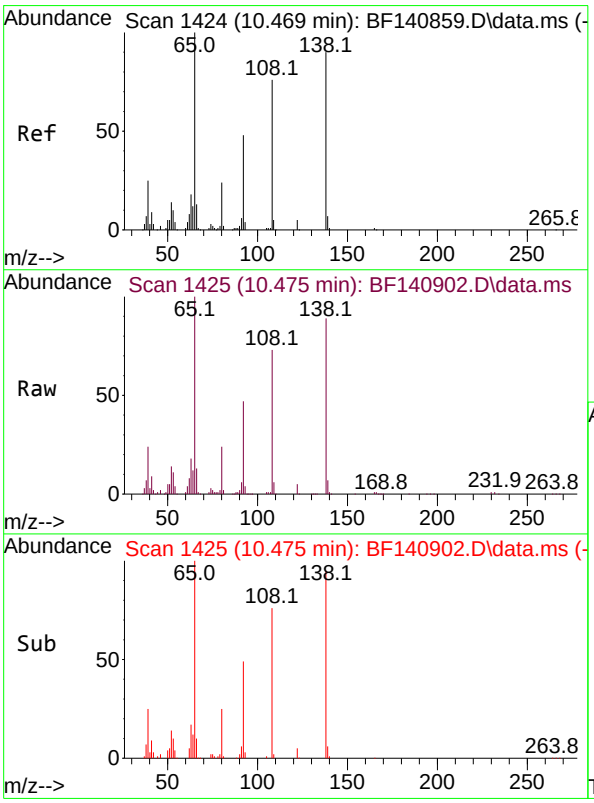
#61
4-Chlorophenyl-phenylether
Concen: 48.573 ng
RT: 10.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:204 Resp: 287329

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	59.7	50.0	75.0

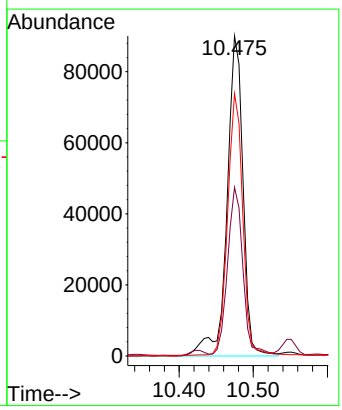


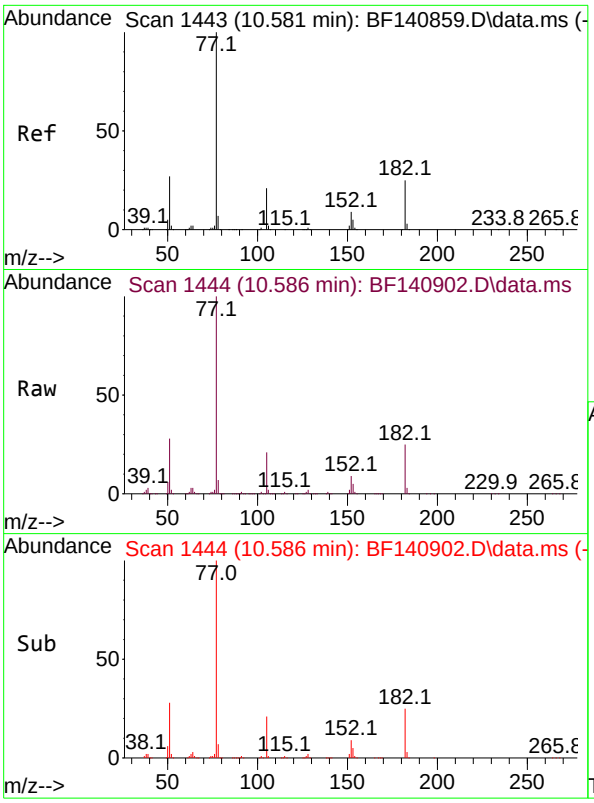


#62
4-Nitroaniline
Concen: 50.059 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:138 Resp: 134973

Ion	Ratio	Lower	Upper
138	100		
92	52.7	32.6	72.6
108	81.9	64.1	104.1



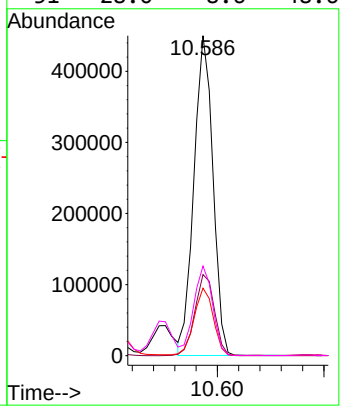


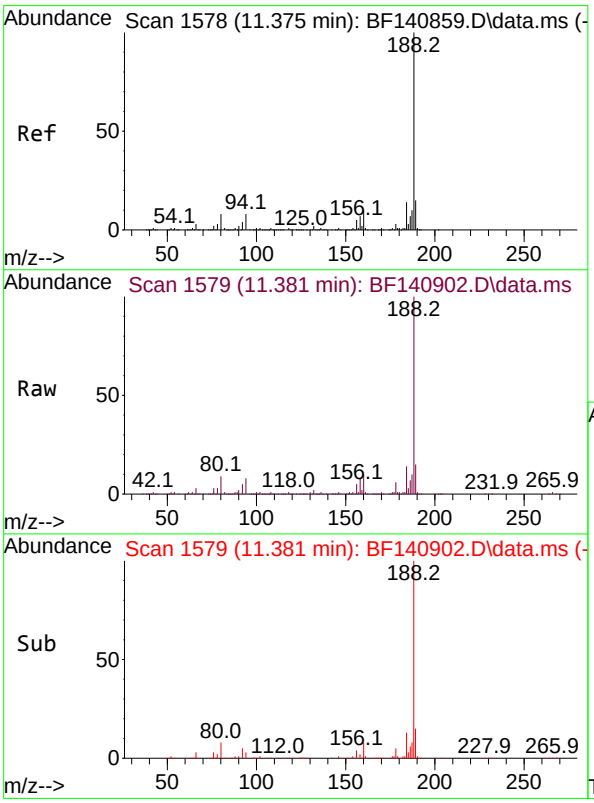
#63
Azobenzene
Concen: 50.334 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion: 77 Resp: 558056

Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.5	44.5
105	21.1	0.9	40.9
51	28.0	8.6	48.6

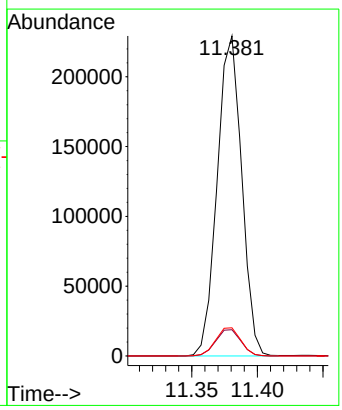


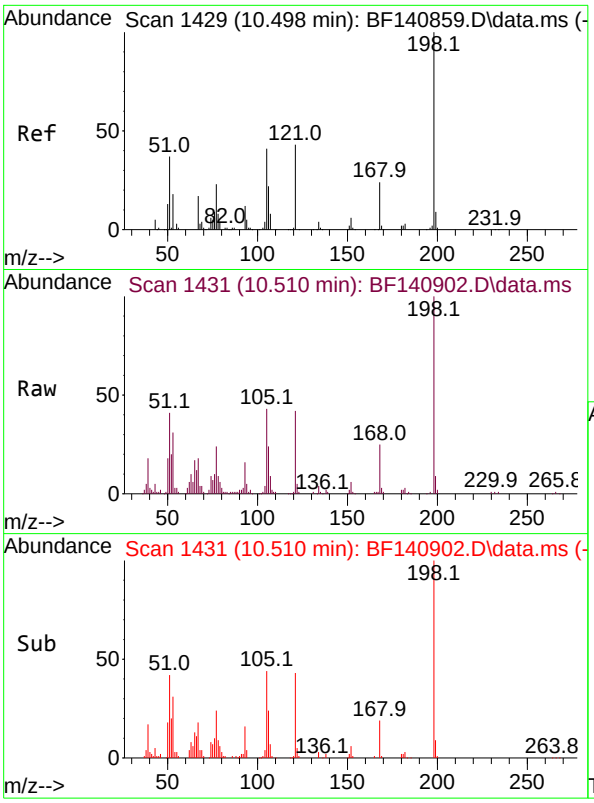


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:188 Resp: 297522

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.4	9.6
80	8.8	6.8	10.2



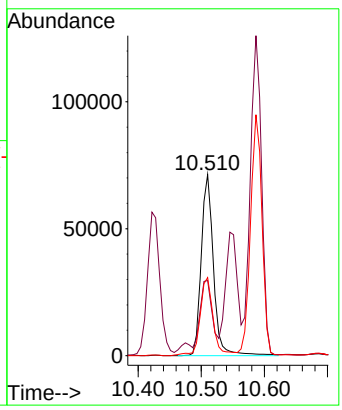


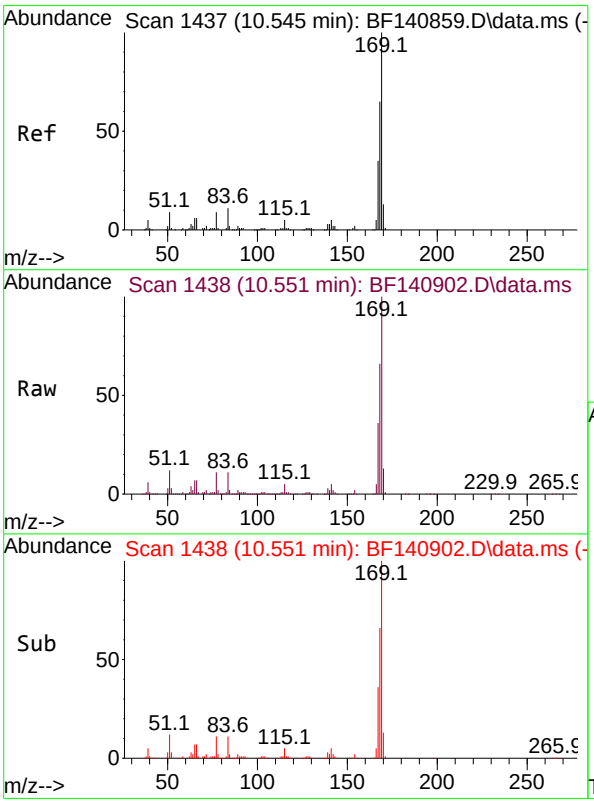
#65
4,6-Dinitro-2-methylphenol
Concen: 57.226 ng
RT: 10.510 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:198 Resp: 96479

Ion	Ratio	Lower	Upper
198	100		
51	41.5	24.4	64.4
105	43.1	22.1	62.1

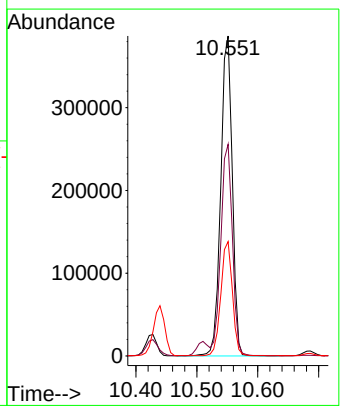


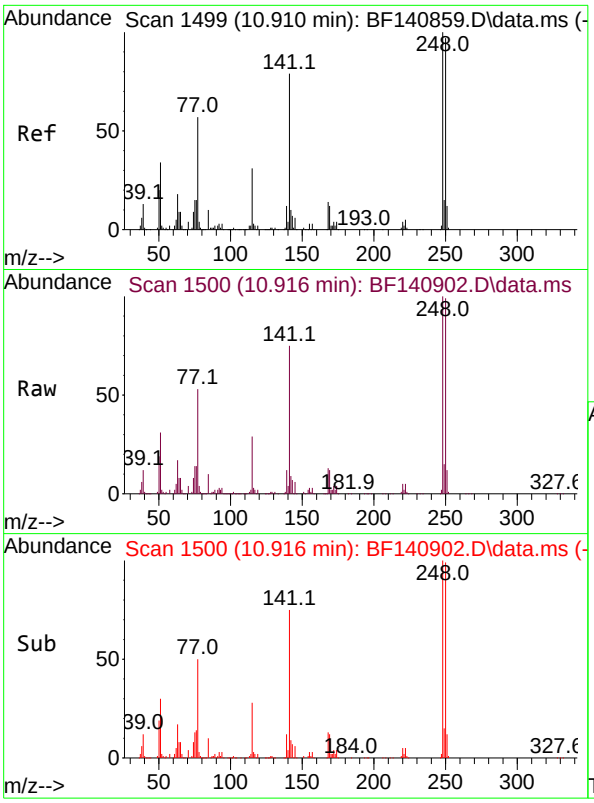


#66
n-Nitrosodiphenylamine
Concen: 55.500 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:169 Resp: 507683

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.4	80.0
167	35.8	28.3	42.5



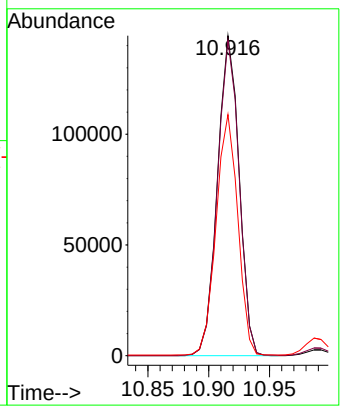


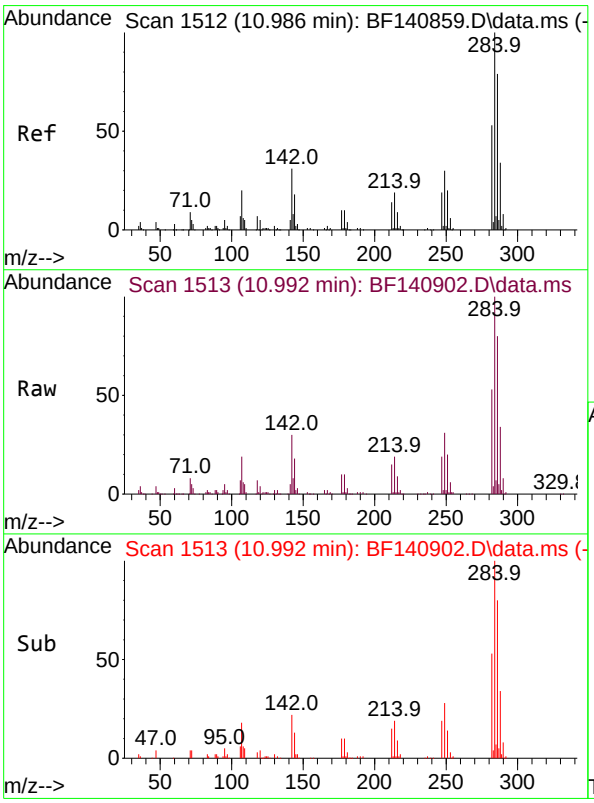
#67
4-Bromophenyl-phenylether
Concen: 53.830 ng
RT: 10.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:248 Resp: 179170

Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.4	116.2
141	75.4	62.9	94.3

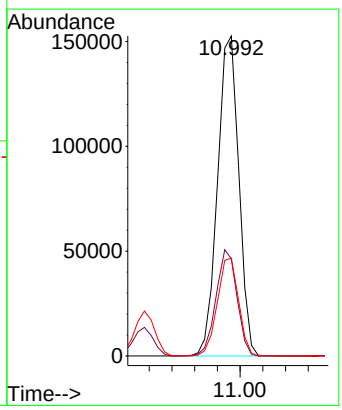


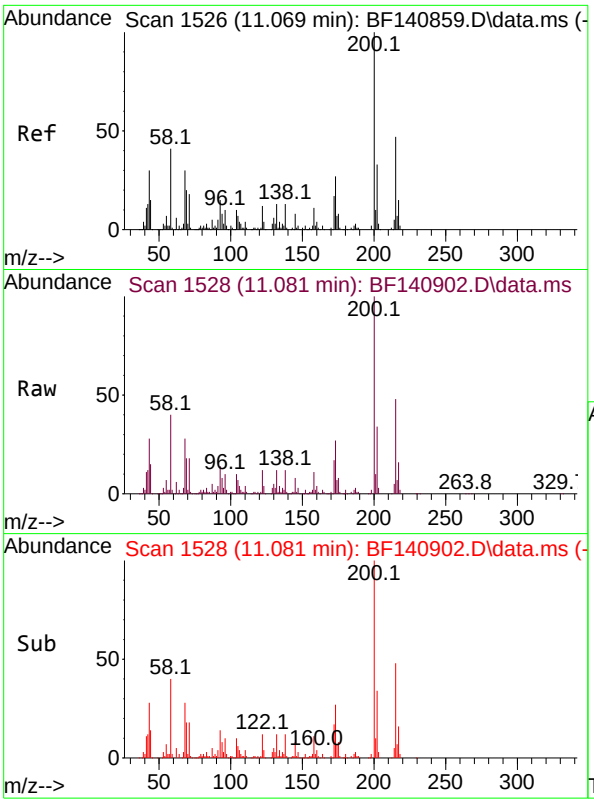


#68
Hexachlorobenzene
Concen: 52.657 ng
RT: 10.992 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:284 Resp: 198716

Ion	Ratio	Lower	Upper
284	100		
142	30.4	24.6	36.8
249	30.5	24.3	36.5



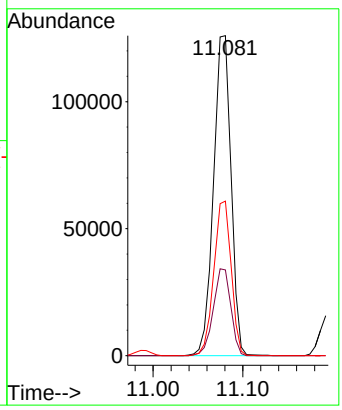


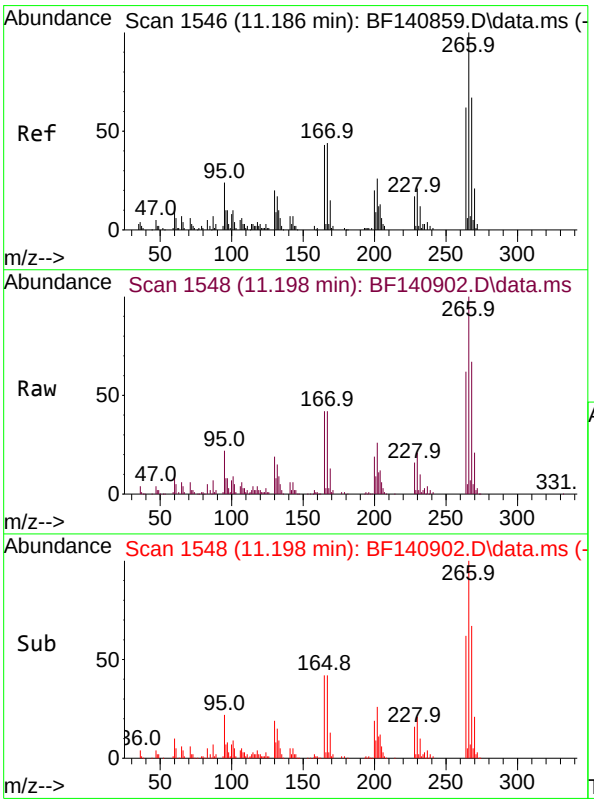
#69
Atrazine
Concen: 66.882 ng
RT: 11.081 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:200 Resp: 170868

Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	48.3	26.7	66.7

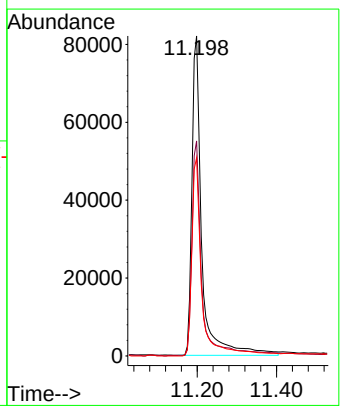


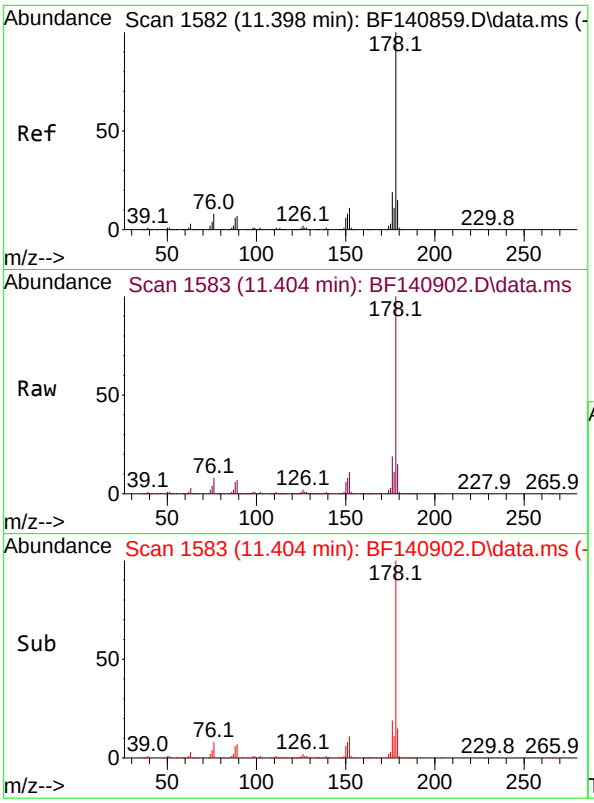


#70
Pentachlorophenol
Concen: 103.418 ng
RT: 11.198 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:266 Resp: 142688

Ion	Ratio	Lower	Upper
266	100		
268	67.2	54.0	81.0
264	61.9	49.4	74.2



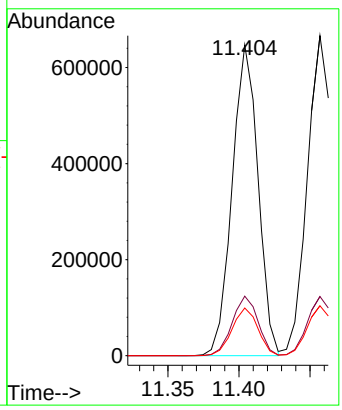


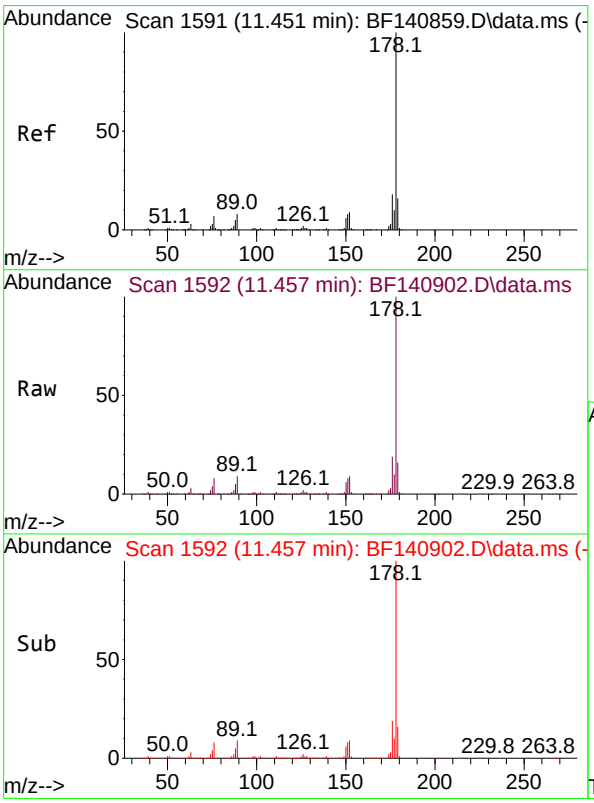
#71
Phenanthrene
Concen: 53.513 ng
RT: 11.404 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:178 Resp: 818742

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.4	12.1	18.1

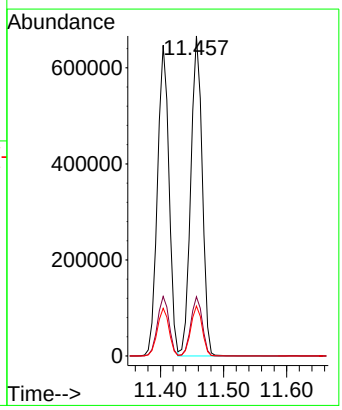


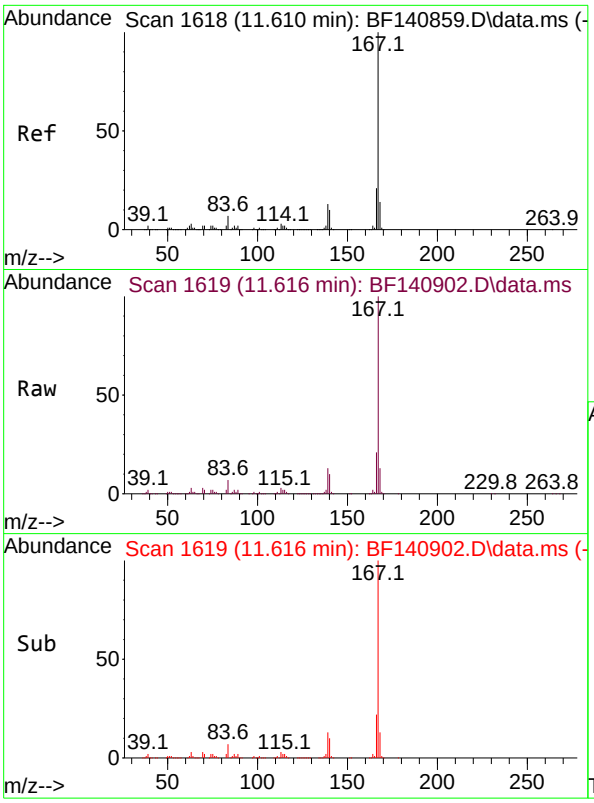


#72
Anthracene
Concen: 55.466 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:178 Resp: 835718

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.6	12.6	18.8



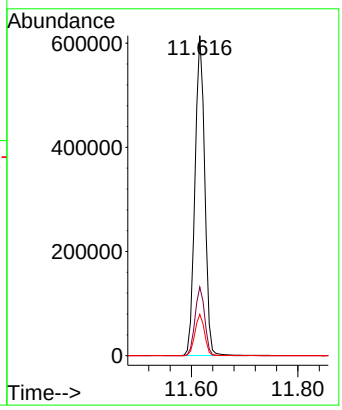


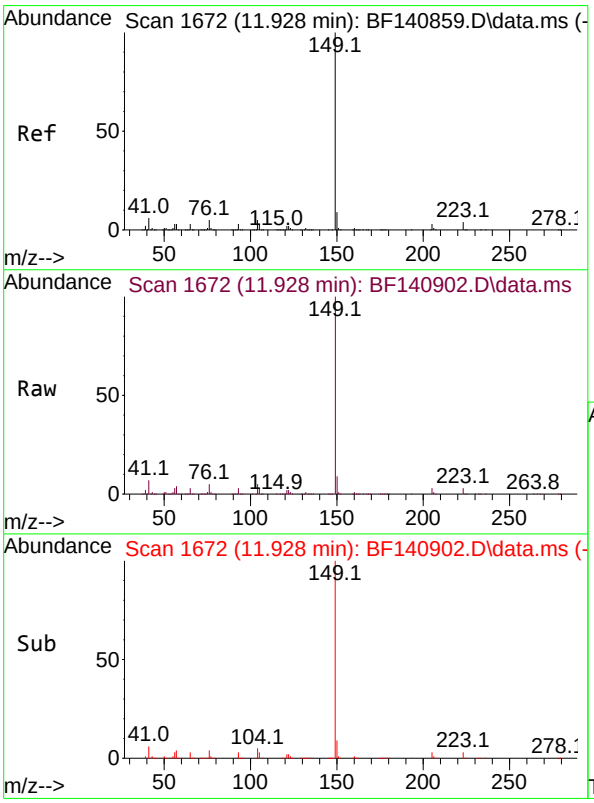
#73
Carbazole
Concen: 52.701 ng
RT: 11.616 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:167 Resp: 777765

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	12.9	10.2	15.2

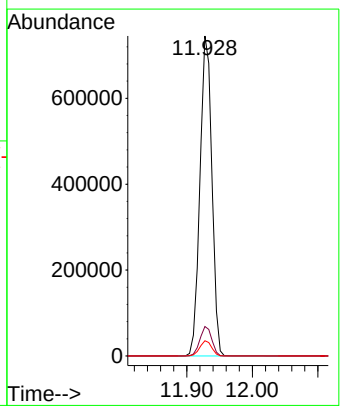


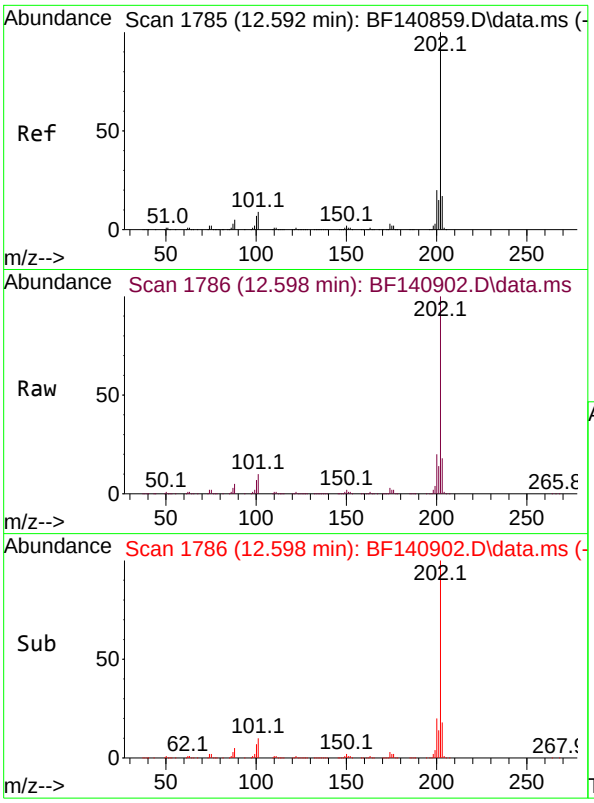


#74
Di-n-butylphthalate
Concen: 54.537 ng
RT: 11.928 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:149 Resp: 944599

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.8	3.8	5.8



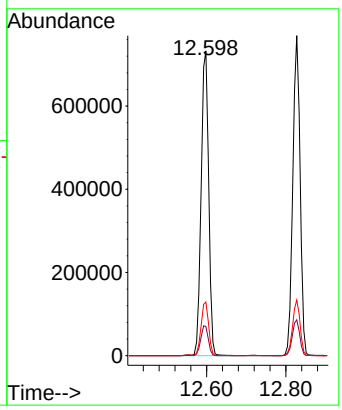


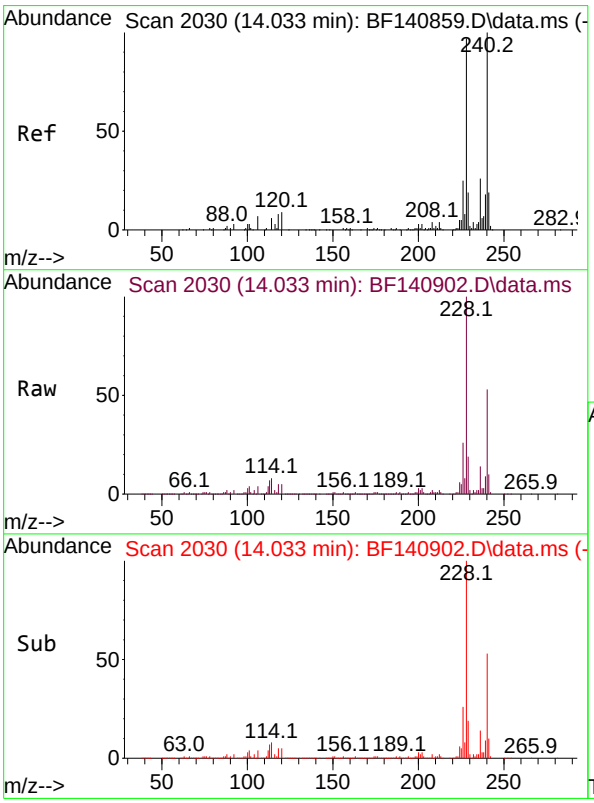
#75
Fluoranthene
Concen: 54.739 ng
RT: 12.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:202 Resp: 964511

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.3
203	17.6	0.0	37.4

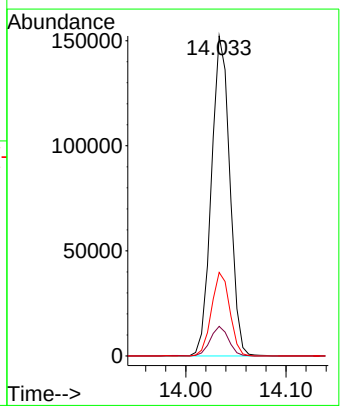


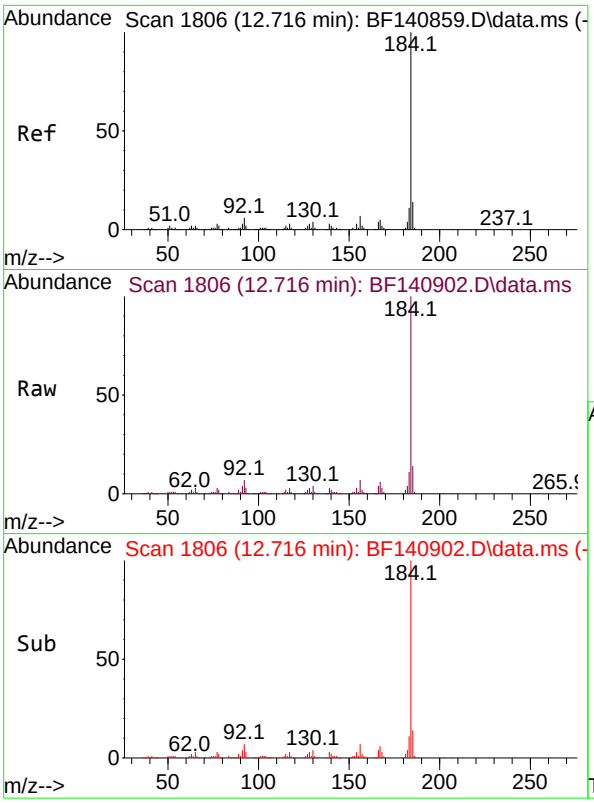


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:240 Resp: 194019

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.6	11.4
236	26.1	20.5	30.7



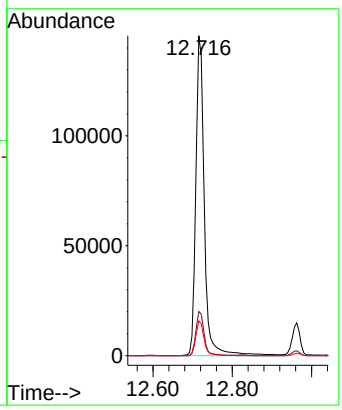


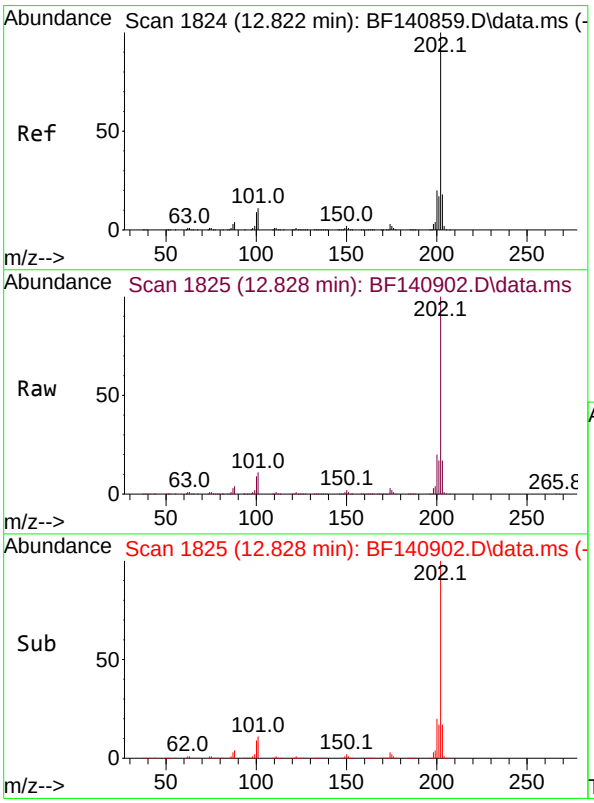
#77
Benzidine
Concen: 54.802 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:184 Resp: 217008

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.1	16.7
183	10.9	9.0	13.4

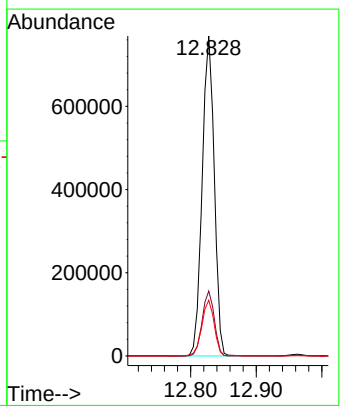


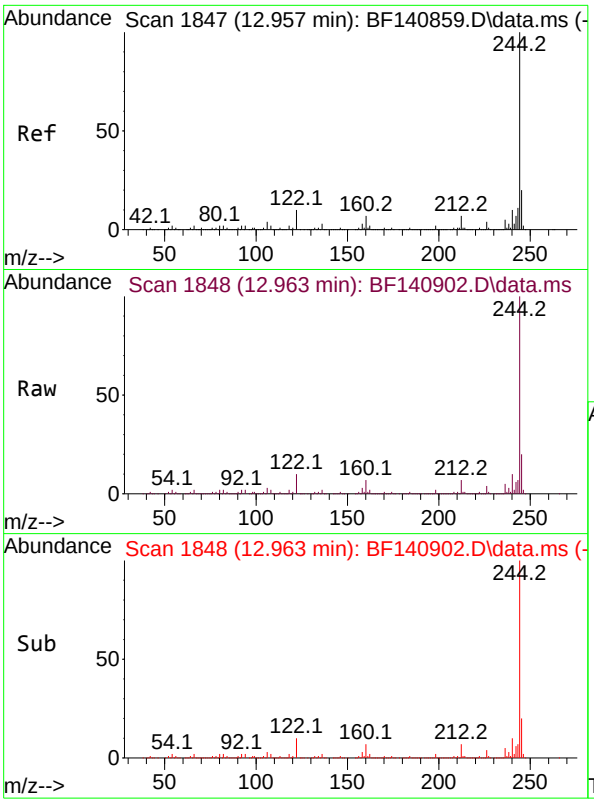


#78
Pyrene
Concen: 57.287 ng
RT: 12.828 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:202 Resp: 988388

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.1	24.1
203	17.4	14.2	21.4



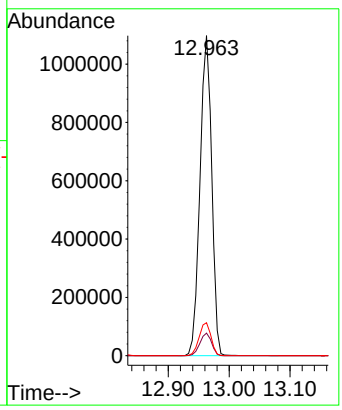


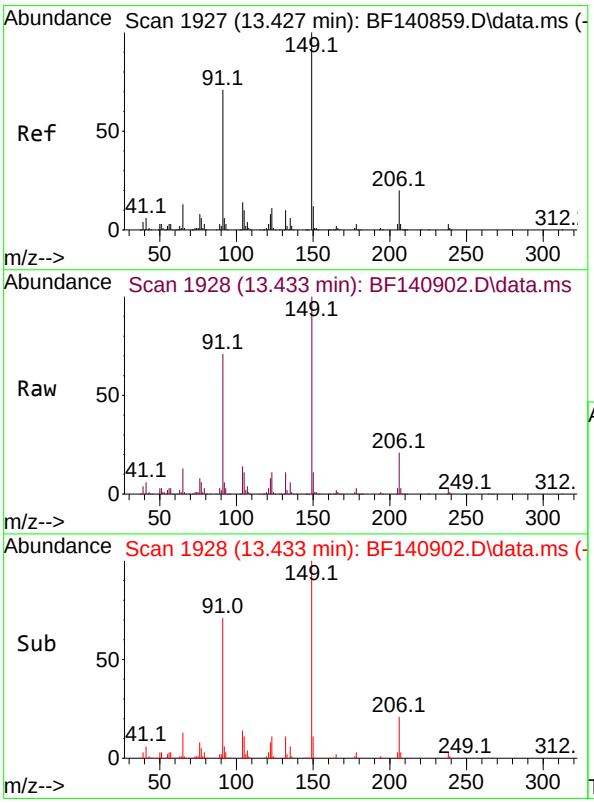
#79
Terphenyl-d14
Concen: 118.978 ng
RT: 12.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:244 Resp: 1463916

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.3	8.2	12.2

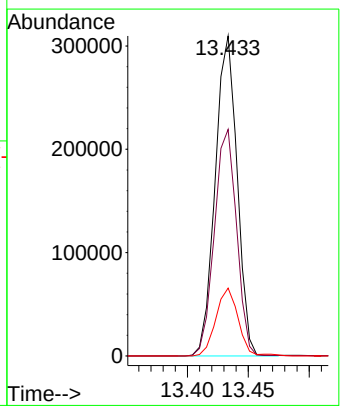


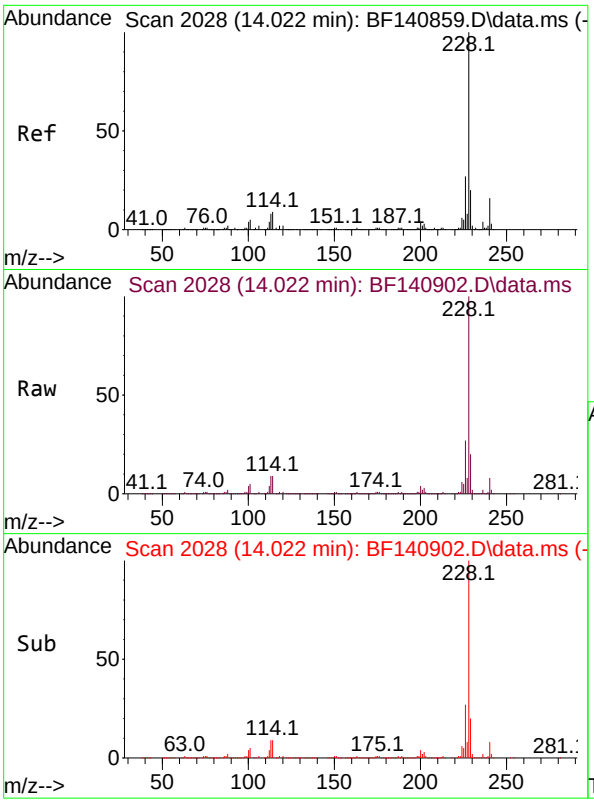


#80
Butylbenzylphthalate
Concen: 61.256 ng
RT: 13.433 min Scan# 1928
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:149 Resp: 388879

Ion	Ratio	Lower	Upper
149	100		
91	70.8	56.7	85.1
206	21.2	16.4	24.6



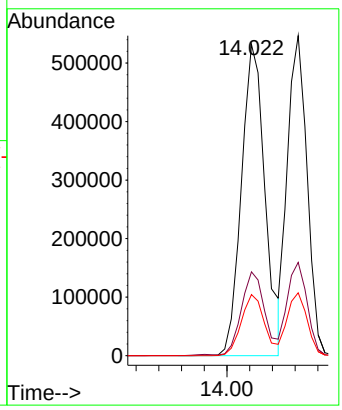


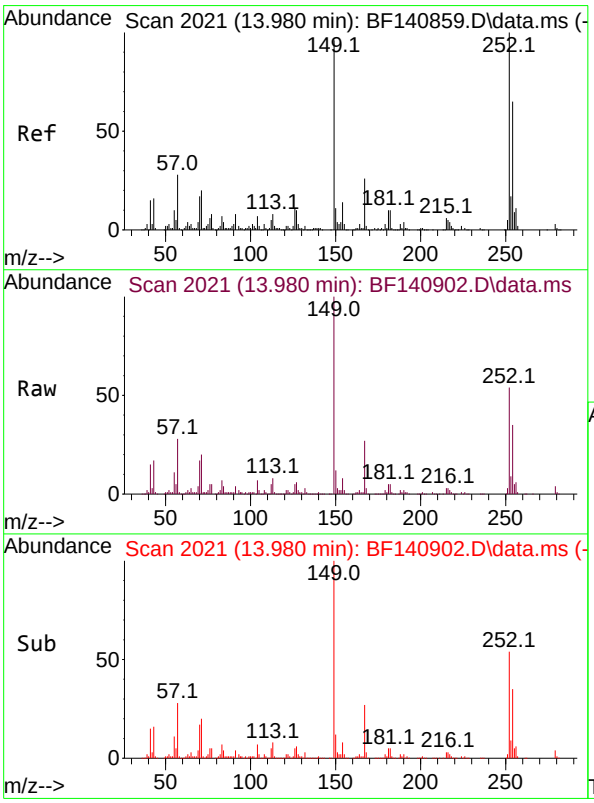
#81
Benzo(a)anthracene
Concen: 55.918 ng
RT: 14.022 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:228 Resp: 768912

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	19.6	15.8	23.8

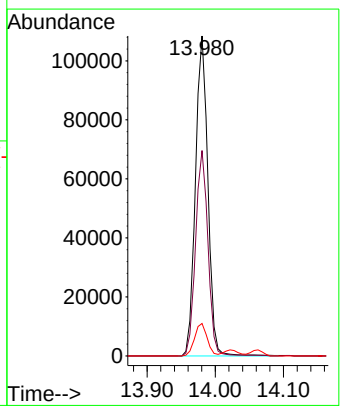


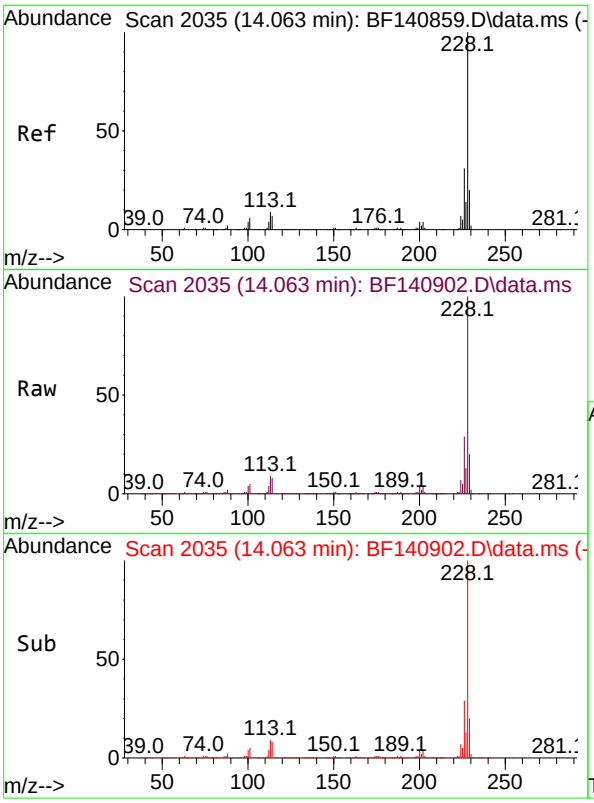


#82
3,3'-Dichlorobenzidine
Concen: 33.179 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:252 Resp: 137648

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.3	78.5
126	10.1	8.4	12.6



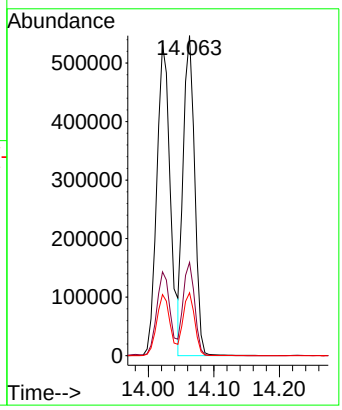


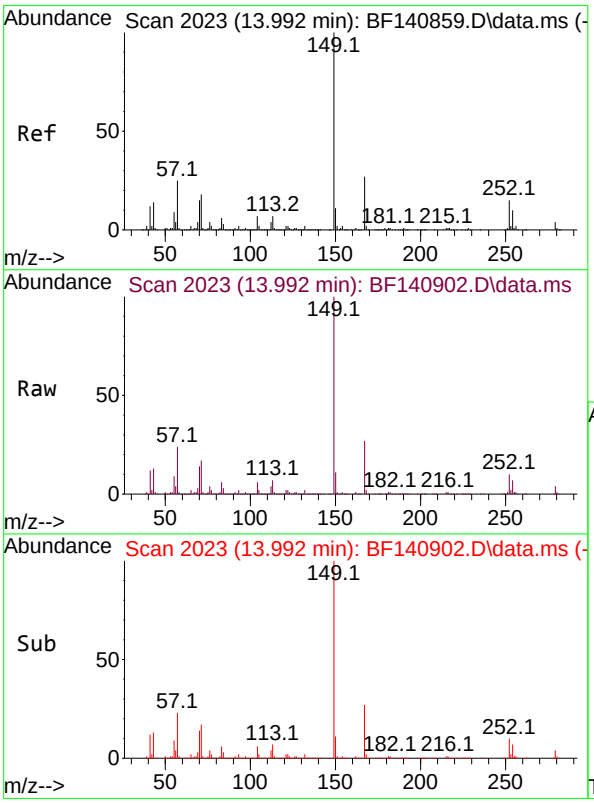
#83
Chrysene
Concen: 52.753 ng
RT: 14.063 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:228 Resp: 659625

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.1	36.1
229	19.7	16.0	24.0

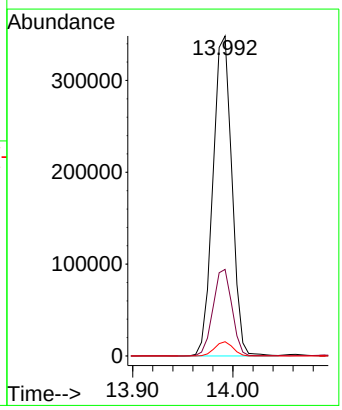


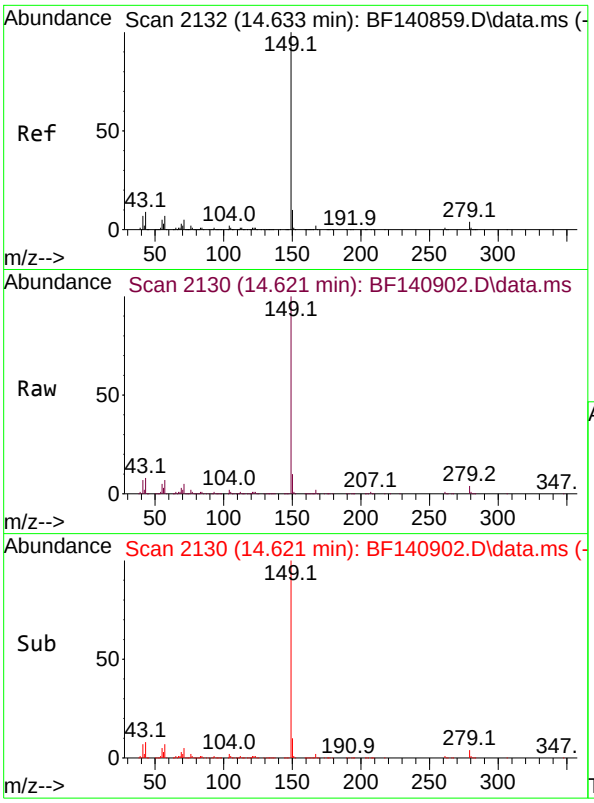


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.802 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:149 Resp: 456781

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.8
279	4.5	3.5	5.3



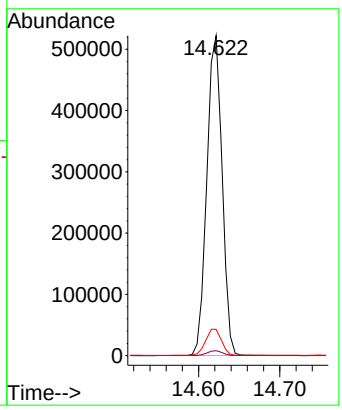


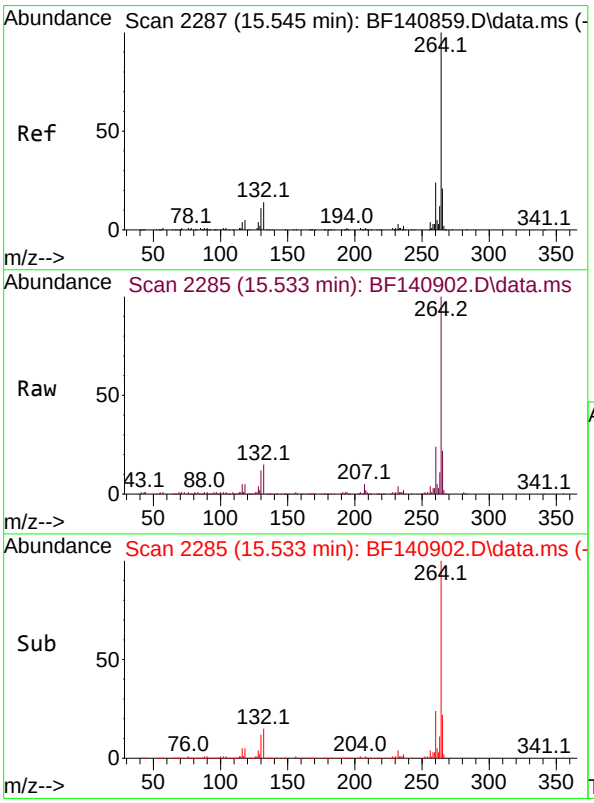
#85
Di-n-octyl phthalate
Concen: 55.052 ng
RT: 14.621 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:149 Resp: 681776

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	7.0	10.6

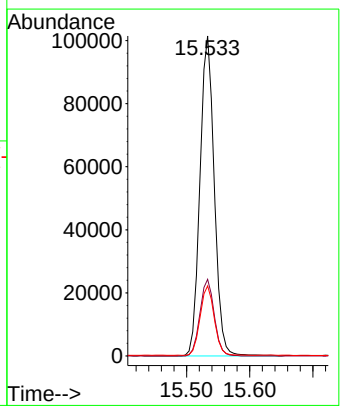


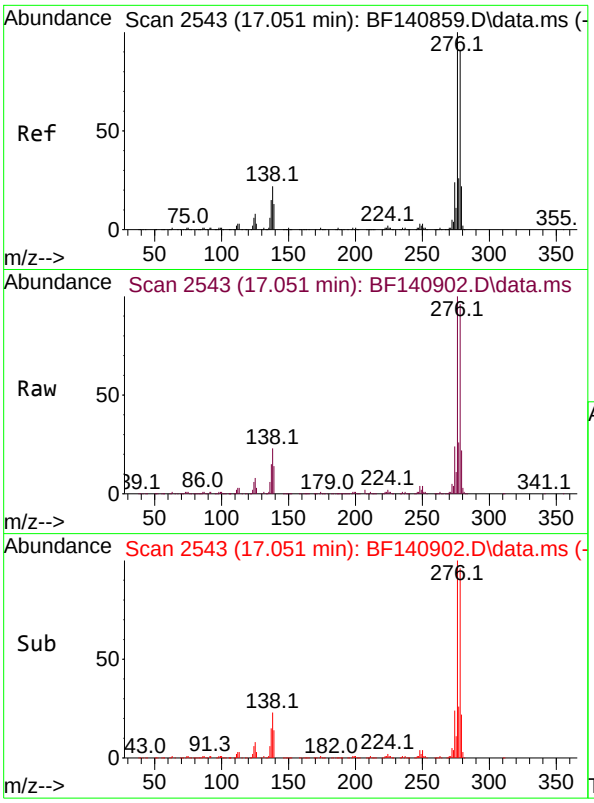


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:264 Resp: 159882

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.9	17.0	25.4



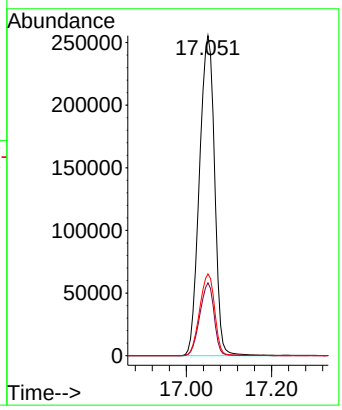


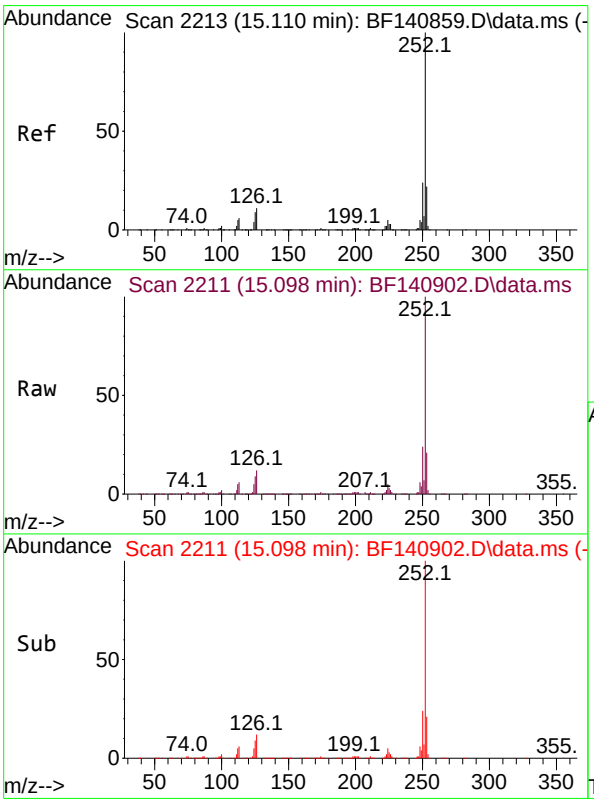
#87
Indeno(1,2,3-cd)pyrene
Concen: 63.262 ng
RT: 17.051 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:276 Resp: 631185

Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.9	25.3
277	25.4	20.2	30.4

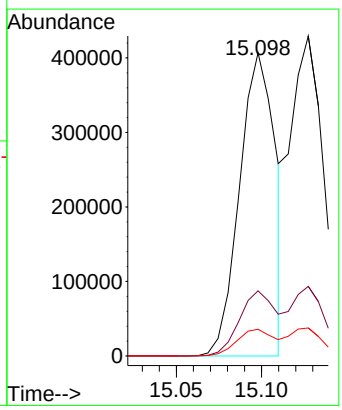


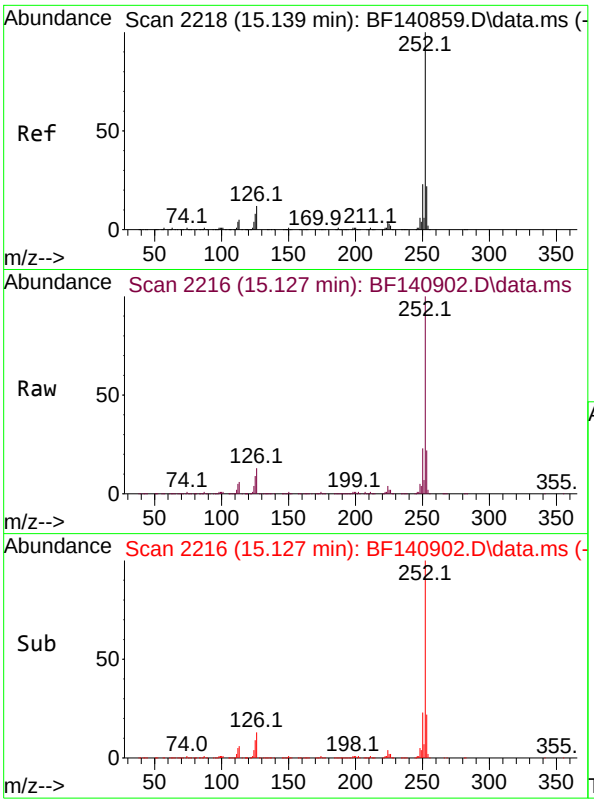


#88
Benzo(b)fluoranthene
Concen: 53.339 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:252 Resp: 591963

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	8.8	7.0	10.4



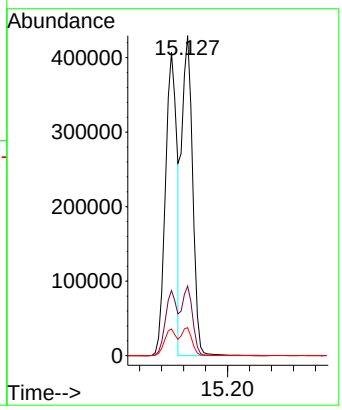


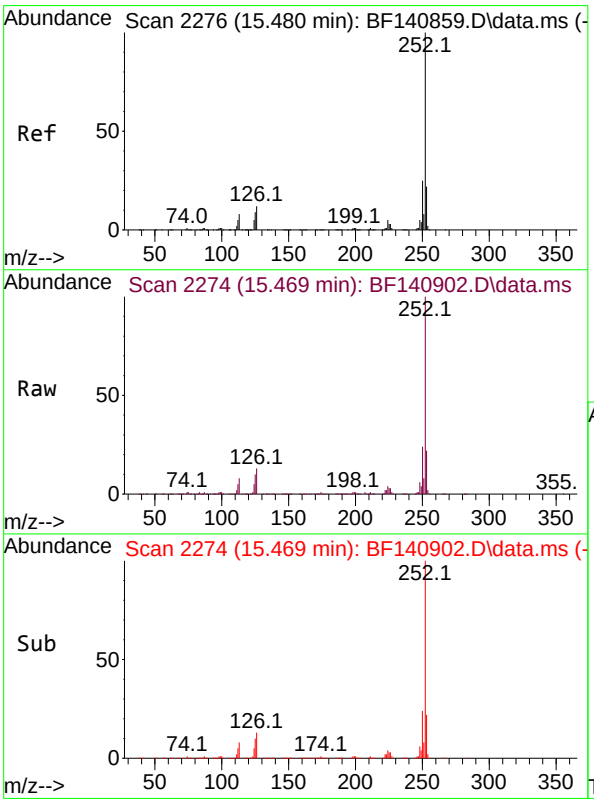
#89
Benzo(k)fluoranthene
Concen: 61.788 ng
RT: 15.127 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:252 Resp: 588225

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	8.7	6.8	10.2

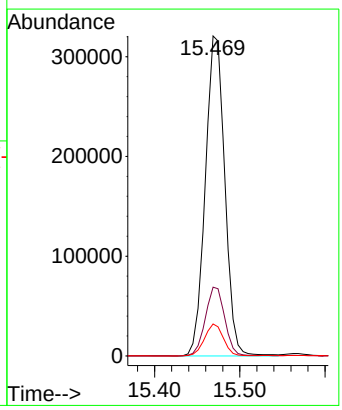


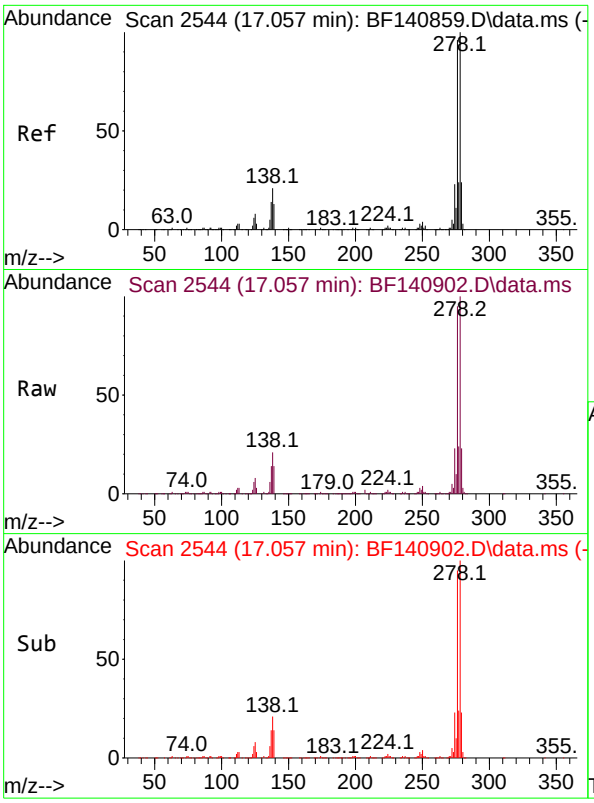


#90
Benzo(a)pyrene
Concen: 58.769 ng
RT: 15.469 min Scan# 2274
Delta R.T. -0.012 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:252 Resp: 510713

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.0	7.5	11.3



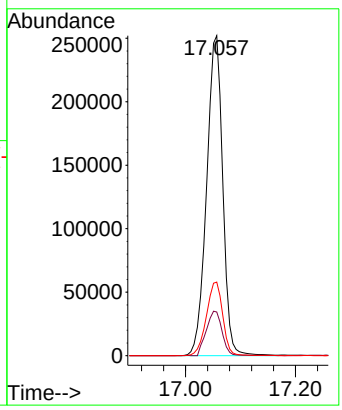


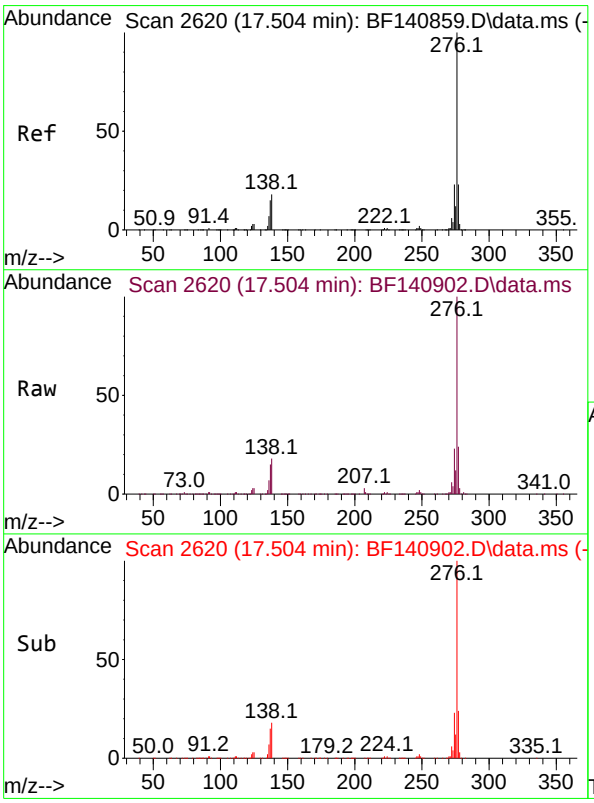
#91
Dibenzo(a,h)anthracene
Concen: 62.200 ng
RT: 17.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:278 Resp: 514125

Ion	Ratio	Lower	Upper
278	100		
139	13.7	10.6	16.0
279	23.0	19.2	28.8

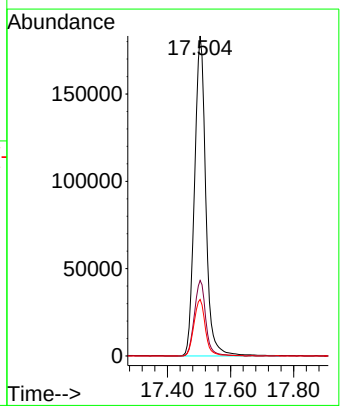




#92
Benzo(g,h,i)perylene
Concen: 53.849 ng
RT: 17.504 min Scan# 2620
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:276 Resp: 453005

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	17.7	14.2	21.2



Raw Data: **BF140912.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213MS	SDG No.:	P5291
Lab Sample ID:	P5291-08MS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140912.D	1	12/17/24 08:56	12/18/24 18:04	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	26.5		4.10	10.2	ug/L
108-95-2	Phenol	21.3		0.95	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	54.3		1.20	5.10	ug/L
95-57-8	2-Chlorophenol	45.3		0.72	5.10	ug/L
95-48-7	2-Methylphenol	40.0		1.20	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	56.7		1.40	5.10	ug/L
98-86-2	Acetophenone	62.5		1.10	5.10	ug/L
65794-96-9	3+4-Methylphenols	36.6		1.20	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	57.9		1.50	2.60	ug/L
67-72-1	Hexachloroethane	62.0		1.00	5.10	ug/L
98-95-3	Nitrobenzene	51.8		1.30	5.10	ug/L
78-59-1	Isophorone	56.7		1.20	5.10	ug/L
88-75-5	2-Nitrophenol	54.5		2.00	5.10	ug/L
105-67-9	2,4-Dimethylphenol	82.5	E	1.50	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	52.4		1.00	5.10	ug/L
120-83-2	2,4-Dichlorophenol	50.8		0.90	5.10	ug/L
91-20-3	Naphthalene	60.6		1.00	5.10	ug/L
106-47-8	4-Chloroaniline	22.0		1.30	5.10	ug/L
87-68-3	Hexachlorobutadiene	45.9		1.30	5.10	ug/L
105-60-2	Caprolactam	8.60	J	1.70	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	47.2		0.86	5.10	ug/L
91-57-6	2-Methylnaphthalene	54.0		1.20	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	62.8		5.10	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	52.3		0.91	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	51.1		1.00	5.10	ug/L
92-52-4	1,1-Biphenyl	52.2		0.93	5.10	ug/L
91-58-7	2-Chloronaphthalene	50.0		0.99	5.10	ug/L
88-74-4	2-Nitroaniline	55.6		1.40	5.10	ug/L
131-11-3	Dimethylphthalate	52.9		0.95	5.10	ug/L

Raw Data: **BF140912.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213MS	SDG No.:	P5291
Lab Sample ID:	P5291-08MS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140912.D	1	12/17/24 08:56	12/18/24 18:04	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	54.9		1.10	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	49.4		1.30	5.10	ug/L
99-09-2	3-Nitroaniline	26.0		1.40	5.10	ug/L
83-32-9	Acenaphthene	53.3		0.83	5.10	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.60	10.2	ug/L
100-02-7	4-Nitrophenol	27.6		2.00	10.2	ug/L
132-64-9	Dibenzofuran	51.6		0.95	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	49.9		1.60	5.10	ug/L
84-66-2	Diethylphthalate	50.8		1.10	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.3		1.00	5.10	ug/L
86-73-7	Fluorene	49.9		0.98	5.10	ug/L
100-01-6	4-Nitroaniline	39.4		2.10	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	57.7		3.10	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	58.2		0.91	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	56.1		0.97	5.10	ug/L
118-74-1	Hexachlorobenzene	55.8		1.20	5.10	ug/L
1912-24-9	Atrazine	63.2		1.30	5.10	ug/L
87-86-5	Pentachlorophenol	140	E	1.90	10.2	ug/L
85-01-8	Phenanthrene	56.7		0.91	5.10	ug/L
120-12-7	Anthracene	59.0		1.10	5.10	ug/L
86-74-8	Carbazole	50.9		1.20	5.10	ug/L
84-74-2	Di-n-butylphthalate	56.2		1.50	5.10	ug/L
206-44-0	Fluoranthene	48.6		1.30	5.10	ug/L
129-00-0	Pyrene	53.6		1.10	5.10	ug/L
85-68-7	Butylbenzylphthalate	53.9		2.10	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	23.1		1.30	10.2	ug/L
56-55-3	Benzo(a)anthracene	51.2		0.96	5.10	ug/L
218-01-9	Chrysene	53.2		0.88	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	58.2		1.90	5.10	ug/L
117-84-0	Di-n-octyl phthalate	63.0		2.60	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	50.8		1.20	5.10	ug/L

Raw Data: **BF140912.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213MS	SDG No.:	P5291
Lab Sample ID:	P5291-08MS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140912.D	1	12/17/24 08:56	12/18/24 18:04	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	56.1		1.20	5.10	ug/L
50-32-8	Benzo(a)pyrene	59.3		1.70	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.5		1.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.0		1.20	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	45.2		1.20	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	51.4		1.10	5.10	ug/L
123-91-1	1,4-Dioxane	17.3		1.30	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54.7		0.81	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	83.9		10 - 139	56%	SPK: 150
13127-88-3	Phenol-d6	45.1		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		49 - 133	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.3		52 - 132	97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	143		44 - 137	96%	SPK: 150
1718-51-0	Terphenyl-d14	101		48 - 125	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	60500	6.845			
1146-65-2	Naphthalene-d8	235000	8.134			
15067-26-2	Acenaphthene-d10	140000	9.886			
1517-22-2	Phenanthrene-d10	245000	11.375			
1719-03-5	Chrysene-d12	147000	14.033			
1520-96-3	Perylene-d12	150000	15.539			

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: **BF140912.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140912.D
Acq On : 18 Dec 2024 18:04
Operator : RC/JU
Sample : P5291-08MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Quant Time: Dec 19 00:15:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	60530	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	235451	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	140282	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	244956	20.000	ng		0.00
76) Chrysene-d12	14.033	240	147078	20.000	ng		0.00
86) Perylene-d12	15.539	264	150433	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	308568	83.919	ng		0.00
7) Phenol-d6	6.504	99	219544	45.079	ng		0.00
23) Nitrobenzene-d5	7.416	82	487003	103.483	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	237964	143.426	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	993067	97.327	ng		0.00
79) Terphenyl-d14	12.963	244	941335	100.923	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	26812	16.929	ng		94
3) Pyridine	3.416	79	48679	13.272	ng		96
4) n-Nitrosodimethylamine	3.346	42	38321	20.725	ng	#	97
6) Aniline	6.516	93	133376	32.030	ng	#	82
8) 2-Chlorophenol	6.645	128	178169	44.434	ng		98
9) Benzaldehyde	6.404	77	70134	25.990	ng	#	23
10) Phenol	6.516	94	105140	20.830	ng	#	64
11) bis(2-Chloroethyl)ether	6.581	93	200382	53.232	ng		97
12) 1,3-Dichlorobenzene	6.787	146	207209	45.351	ng		98
13) 1,4-Dichlorobenzene	6.863	146	210736	45.438	ng		99
14) 1,2-Dichlorobenzene	7.016	146	201176	45.974	ng		97
15) Benzyl Alcohol	6.998	79	133484	38.333	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	246281	55.538	ng		94
17) 2-Methylphenol	7.122	107	125553	39.219	ng	#	92
18) Hexachloroethane	7.357	117	104894	60.753	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	165708	56.722	ng		100
20) 3+4-Methylphenols	7.275	107	152300	35.877	ng	#	84
22) Acetophenone	7.263	105	360973	61.287	ng		94
24) Nitrobenzene	7.440	77	244659	50.746	ng		98
25) Isophorone	7.675	82	438242	55.577	ng		99
26) 2-Nitrophenol	7.751	139	118590	53.407	ng		95
27) 2,4-Dimethylphenol	7.792	122	209632	80.839	ng		98
28) bis(2-Chloroethoxy)met...	7.881	93	252895	51.350	ng		99
29) 2,4-Dichlorophenol	8.004	162	178117	49.751	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	190090	46.316	ng		99
31) Naphthalene	8.151	128	768248	59.400	ng		99
32) Benzoic acid	7.934	122	47671	19.383	ng	#	83
33) 4-Chloroaniline	8.210	127	92694	21.579	ng		99
34) Hexachlorobutadiene	8.263	225	124116	44.949	ng		99
35) Caprolactam	8.663	113	9027	8.469	ng	#	89
36) 4-Chloro-3-methylphenol	8.698	107	186274	46.227	ng		98
37) 2-Methylnaphthalene	8.845	142	452341	52.871	ng		99
38) 1-Methylnaphthalene	8.945	142	428660	50.661	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	217061	50.342	ng		99
41) Hexachlorocyclopentadiene	8.992	237	79945	61.515	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	135198	51.208	ng		98

Sample Results: **BF140912.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140912.D
Acq On : 18 Dec 2024 18:04
Operator : RC/JU
Sample : P5291-08MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Quant Time: Dec 19 00:15:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	145237	50.049 ng	98
46) 1,1'-Biphenyl	9.310	154	570652	51.157 ng	99
47) 2-Chloronaphthalene	9.334	162	418363	49.025 ng	98
48) 2-Nitroaniline	9.439	65	140359	54.460 ng	99
49) Acenaphthylene	9.751	152	674463	53.781 ng	99
50) Dimethylphthalate	9.610	163	512617	51.831 ng	99
51) 2,6-Dinitrotoluene	9.681	165	109503	48.431 ng	99
52) Acenaphthene	9.922	154	418589	52.252 ng	100
53) 3-Nitroaniline	9.857	138	57100	25.448 ng	97
54) 2,4-Dinitrophenol	9.975	184	111206	99.103 ng	98
55) Dibenzofuran	10.092	168	627512	50.551 ng	99
56) 4-Nitrophenol	10.057	139	28903	27.059 ng	97
57) 2,4-Dinitrotoluene	10.092	165	145476	48.902 ng	98
58) Fluorene	10.439	166	500319	48.855 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	126796	53.622 ng	99
60) Diethylphthalate	10.304	149	510205	49.748 ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	248701	48.346 ng	99
62) 4-Nitroaniline	10.475	138	90457	38.579 ng	97
63) Azobenzene	10.586	77	488284	50.643 ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	78478	56.538 ng	94
66) n-Nitrosodiphenylamine	10.551	169	429786	57.067 ng	99
67) 4-Bromophenyl-phenylether	10.916	248	150690	54.989 ng	98
68) Hexachlorobenzene	10.986	284	169988	54.711 ng	97
69) Atrazine	11.080	200	130269	61.933 ng	98
70) Pentachlorophenol	11.192	266	151933	133.750 ng	99
71) Phenanthrene	11.404	178	699482	55.529 ng	100
72) Anthracene	11.457	178	717157	57.811 ng	100
73) Carbazole	11.616	167	606371	49.904 ng	99
74) Di-n-butylphthalate	11.927	149	784943	55.044 ng	100
75) Fluoranthene	12.592	202	691399	47.659 ng	99
78) Pyrene	12.827	202	686440	52.484 ng	100
80) Butylbenzylphthalate	13.433	149	254258	52.833 ng	97
81) Benzo(a)anthracene	14.021	228	522877	50.161 ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	71117	22.613 ng	100
83) Chrysene	14.063	228	494484	52.167 ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	353952	57.040 ng	99
85) Di-n-octyl phthalate	14.627	149	579524	61.731 ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	473624	50.452 ng	99
88) Benzo(b)fluoranthene	15.104	252	520276	49.824 ng	99
89) Benzo(k)fluoranthene	15.133	252	492548	54.988 ng	100
90) Benzo(a)pyrene	15.480	252	474880	58.078 ng	100
91) Dibenzo(a,h)anthracene	17.057	278	396339	50.962 ng	99
92) Benzo(g,h,i)perylene	17.509	276	350797	44.319 ng	99

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

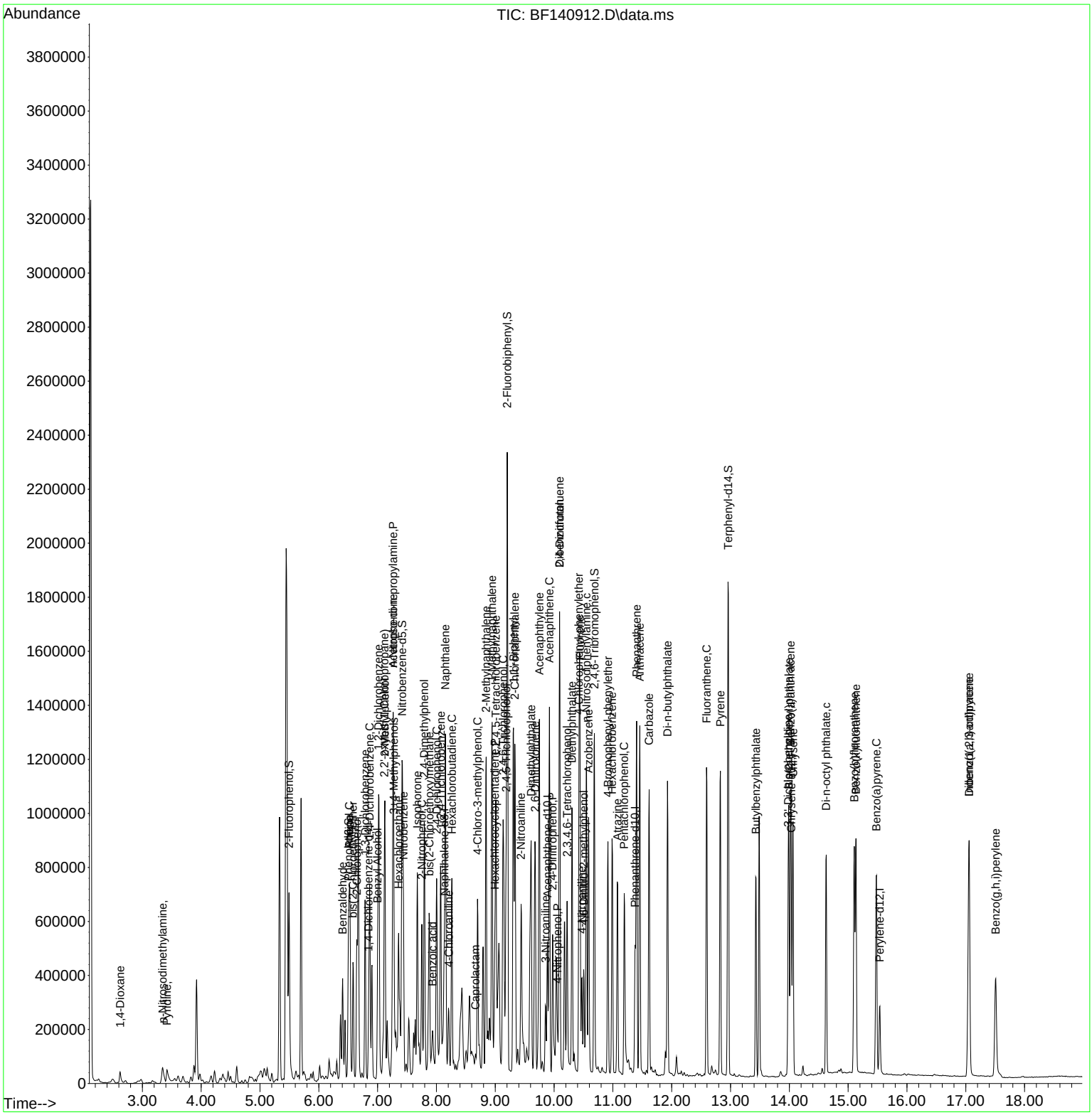
Quantitation Report (QT Reviewed)

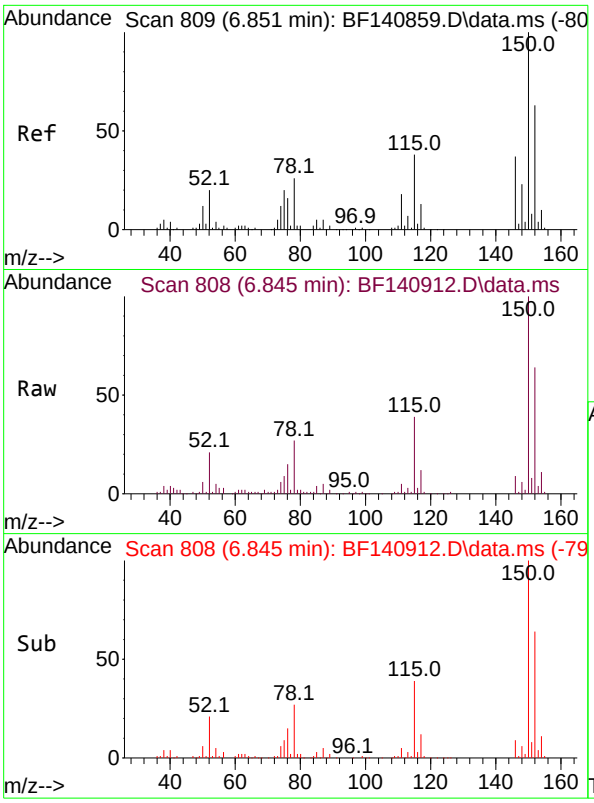
Sample Results: **BF140912.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140912.D
Acq On : 18 Dec 2024 18:04
Operator : RC/JU
Sample : P5291-08MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Quant Time: Dec 19 00:15:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



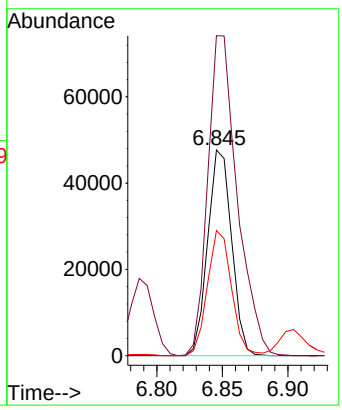


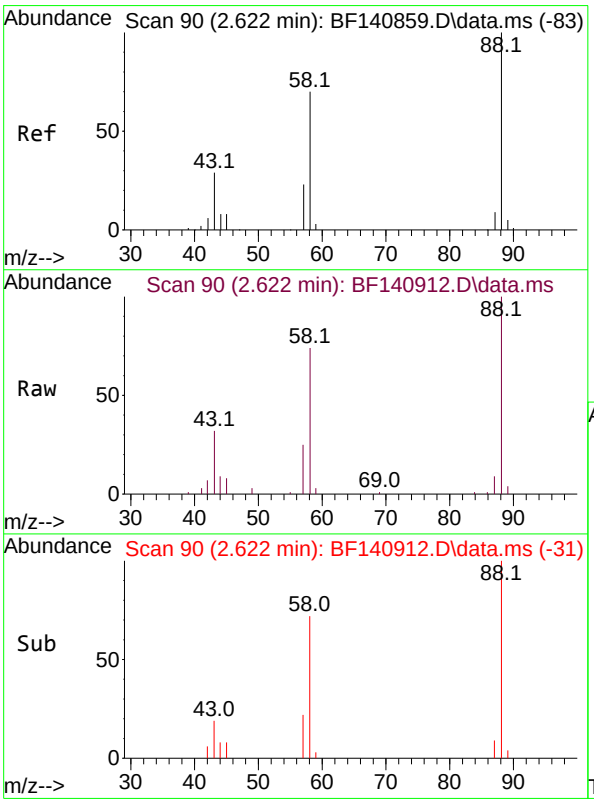
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:152 Resp: 60530

Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.9	191.9
115	60.8	48.0	72.0

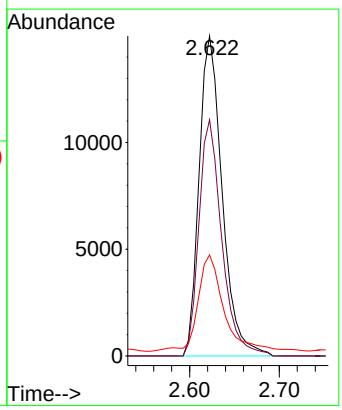


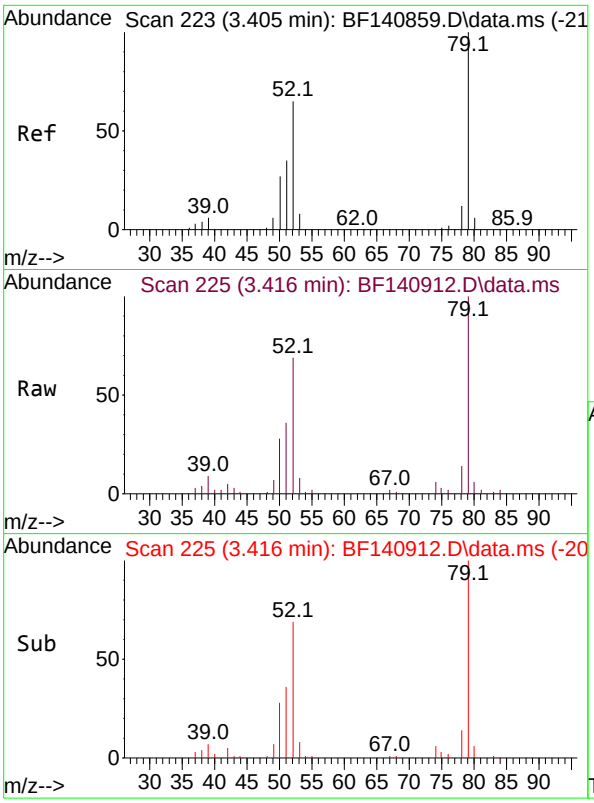


#2
1,4-Dioxane
Concen: 16.929 ng
RT: 2.622 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion: 88 Resp: 26812

Ion	Ratio	Lower	Upper
88	100		
58	72.8	55.8	83.8
43	34.0	22.7	34.1



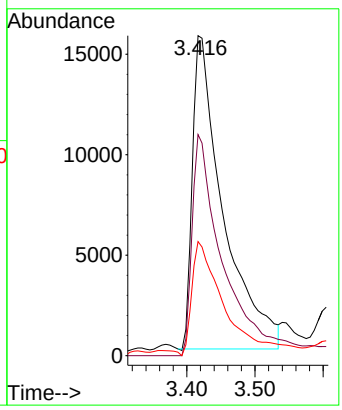


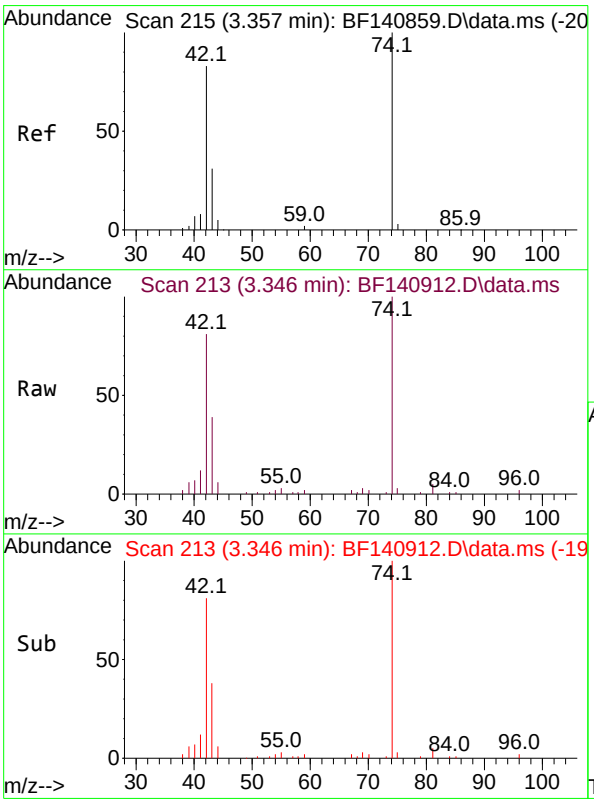
#3
Pyridine
Concen: 13.272 ng
RT: 3.416 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion: 79 Resp: 48679

Ion	Ratio	Lower	Upper
79	100		
52	69.1	51.7	77.5
51	35.7	28.2	42.4

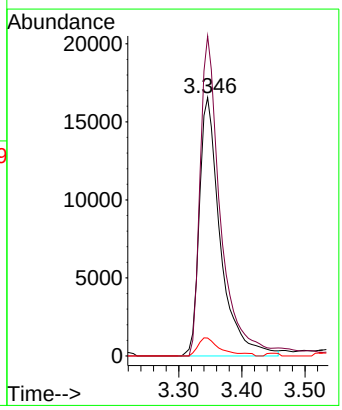


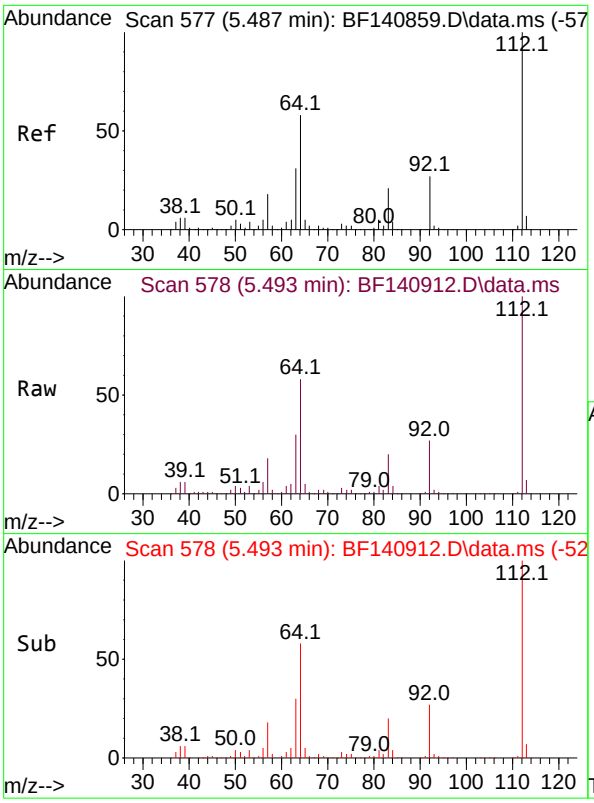


#4
n-Nitrosodimethylamine
Concen: 20.725 ng
RT: 3.346 min Scan# 213
Delta R.T. -0.012 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion: 42 Resp: 38321

Ion	Ratio	Lower	Upper
42	100		
74	123.8	96.9	145.3
44	7.0	4.4	6.6#



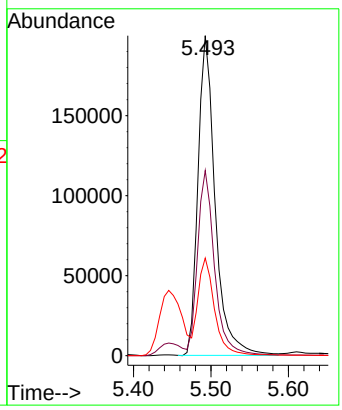


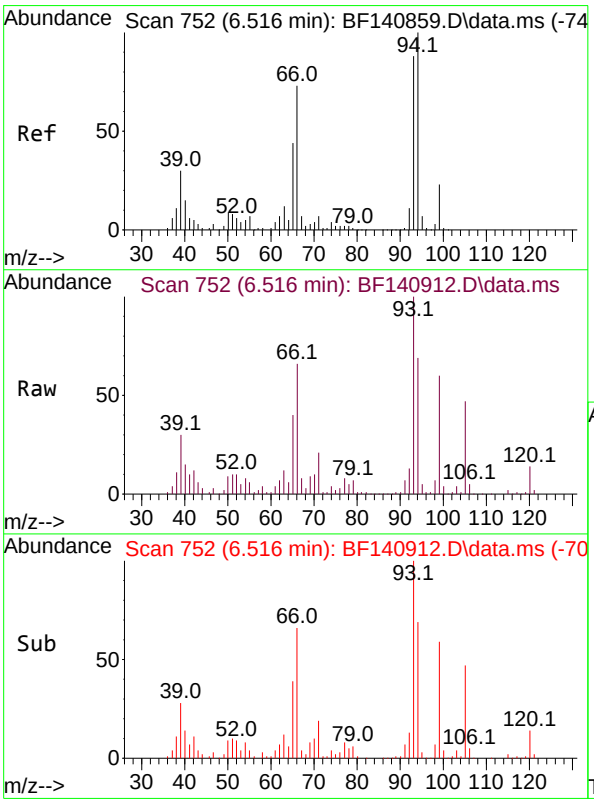
#5
2-Fluorophenol
Concen: 83.919 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:112 Resp: 308568

Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.1	69.1
63	30.5	24.9	37.3

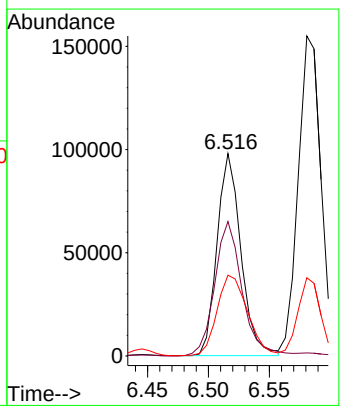


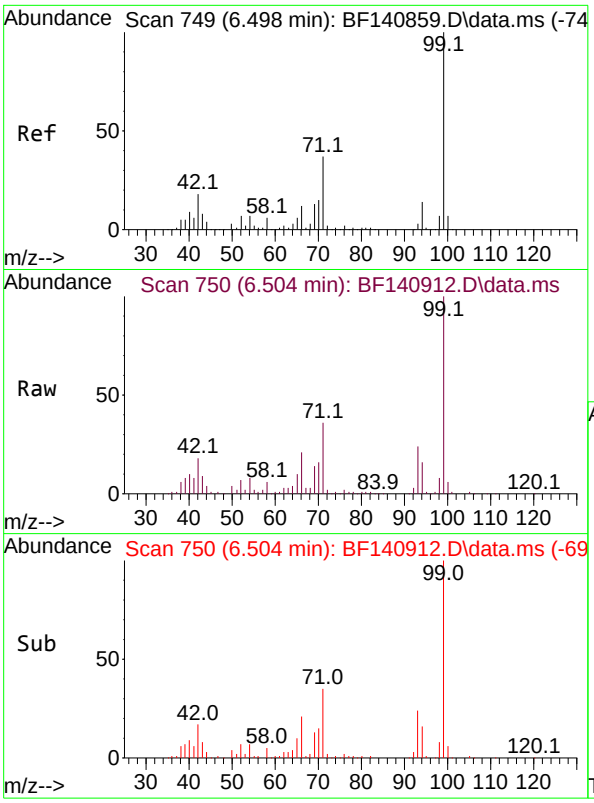


#6
Aniline
Concen: 32.030 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion: 93 Resp: 133376

Ion	Ratio	Lower	Upper
93	100		
66	66.4	67.0	100.4#
65	39.9	40.4	60.6#



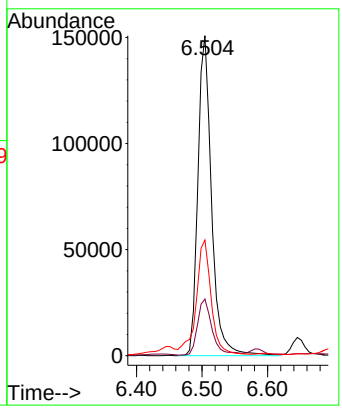


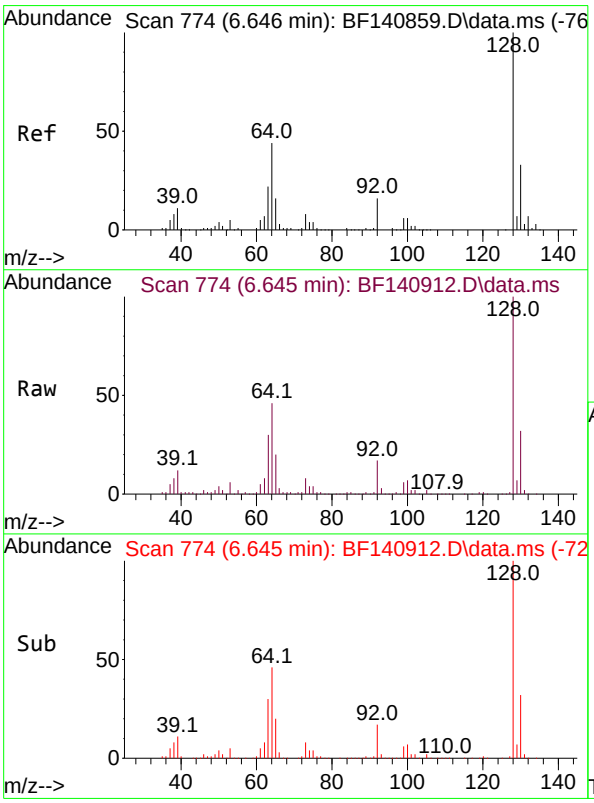
#7
Phenol-d6
Concen: 45.079 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion: 99 Resp: 219544

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.3	21.5
71	36.2	29.9	44.9

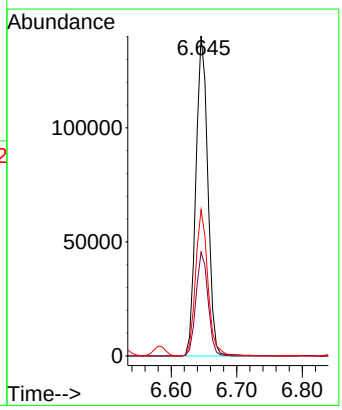


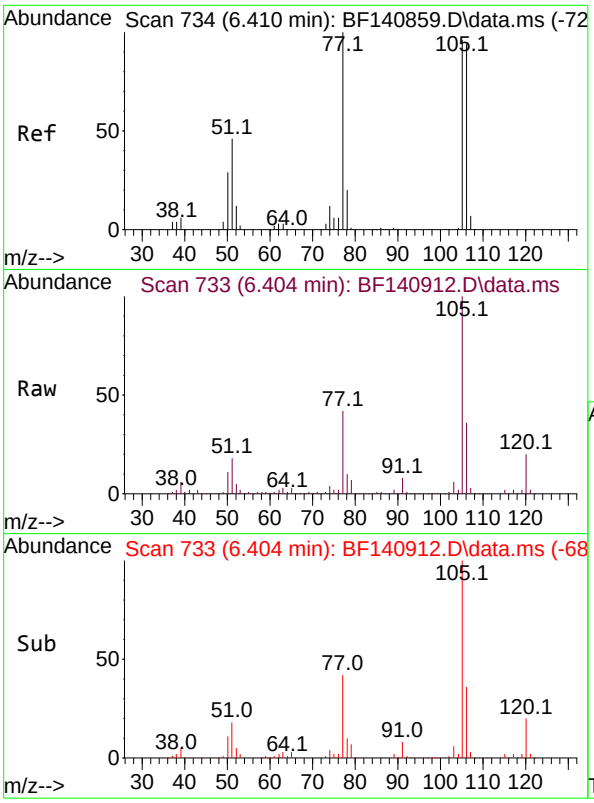


#8
2-Chlorophenol
Concen: 44.434 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:128 Resp: 178169

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	45.7	24.3	64.3



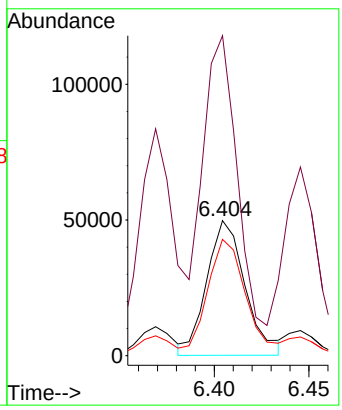


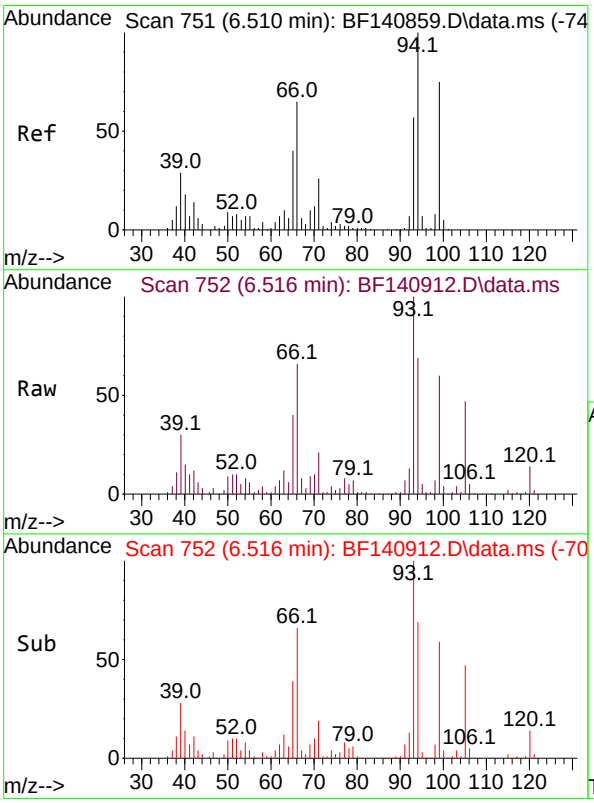
#9
Benzaldehyde
Concen: 25.990 ng
RT: 6.404 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion: 77 Resp: 70134

Ion	Ratio	Lower	Upper
77	100		
105	236.8	75.8	115.8#
106	86.1	74.1	114.1

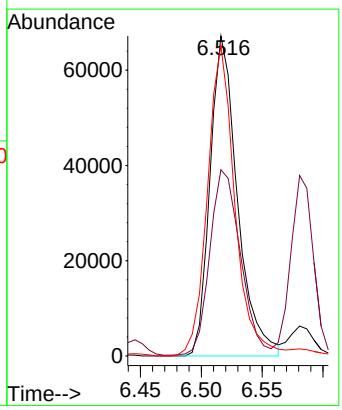


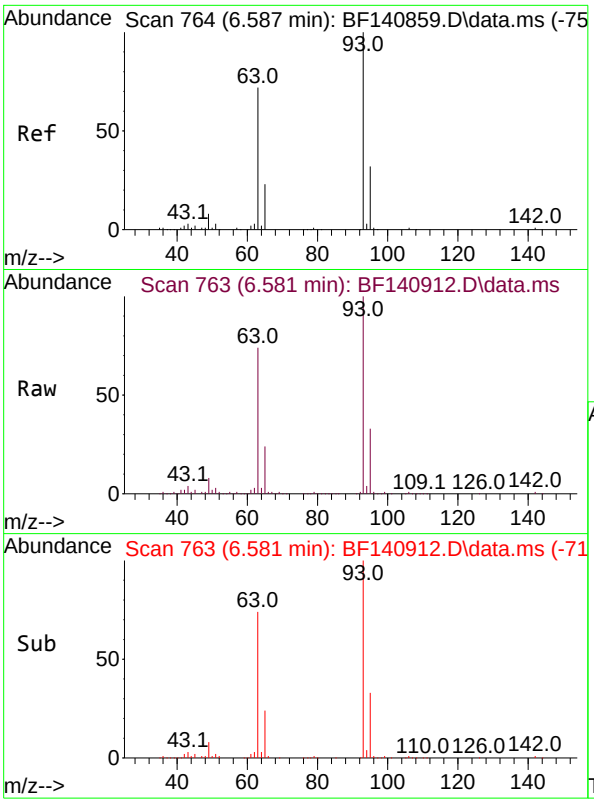


#10
Phenol
Concen: 20.830 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion: 94 Resp: 105140

Ion	Ratio	Lower	Upper
94	100		
65	58.2	19.9	59.9
66	96.9	45.6	85.6#



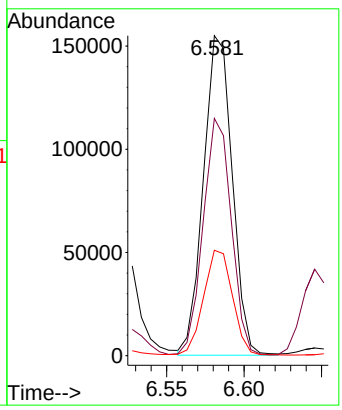


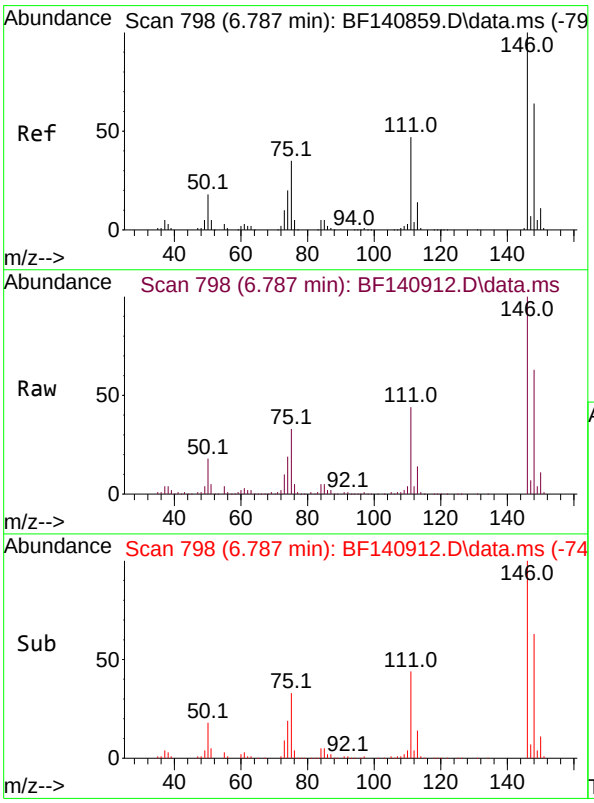
#11
bis(2-Chloroethyl)ether
Concen: 53.232 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion: 93 Resp: 200382

Ion	Ratio	Lower	Upper
93	100		
63	74.2	51.0	91.0
95	33.0	12.0	52.0

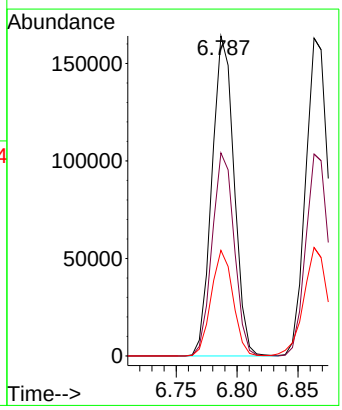


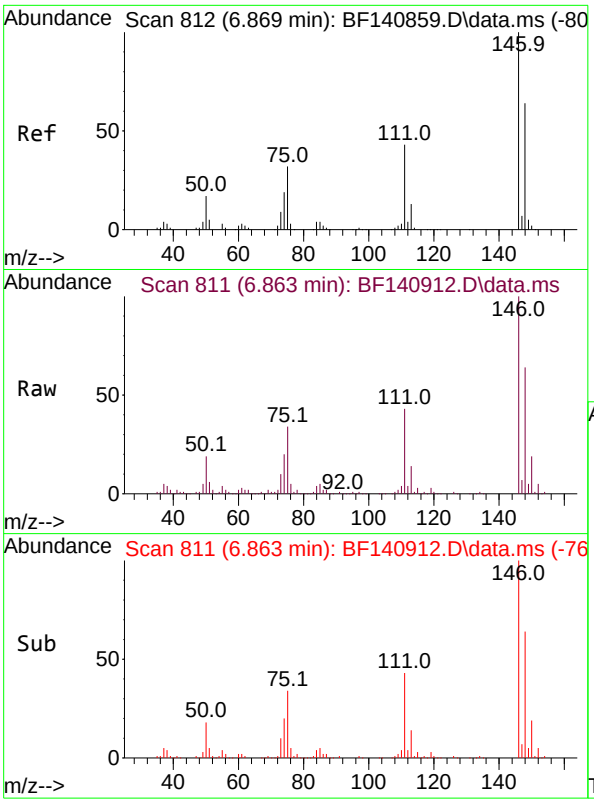


#12
1,3-Dichlorobenzene
Concen: 45.351 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:146 Resp: 207209

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
75	33.0	28.1	42.1



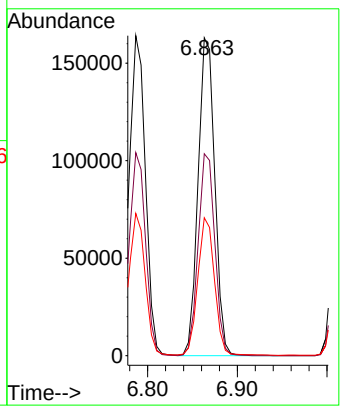


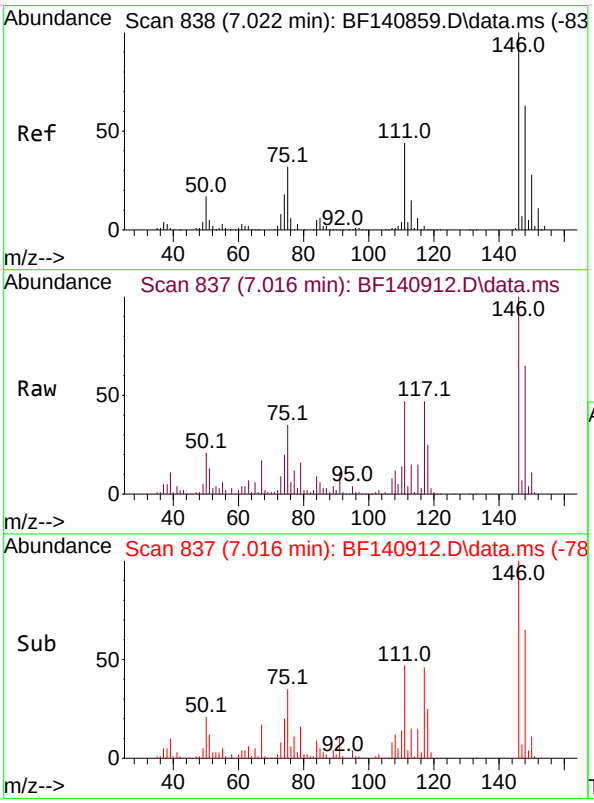
#13
1,4-Dichlorobenzene
Concen: 45.438 ng
RT: 6.863 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:146 Resp: 210736

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.3	76.9
111	43.4	34.4	51.6

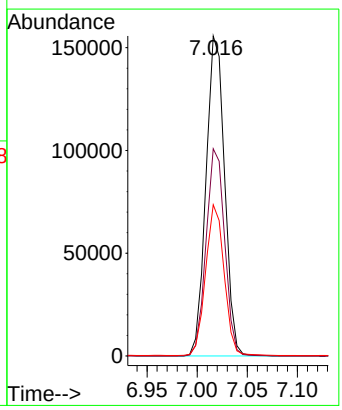


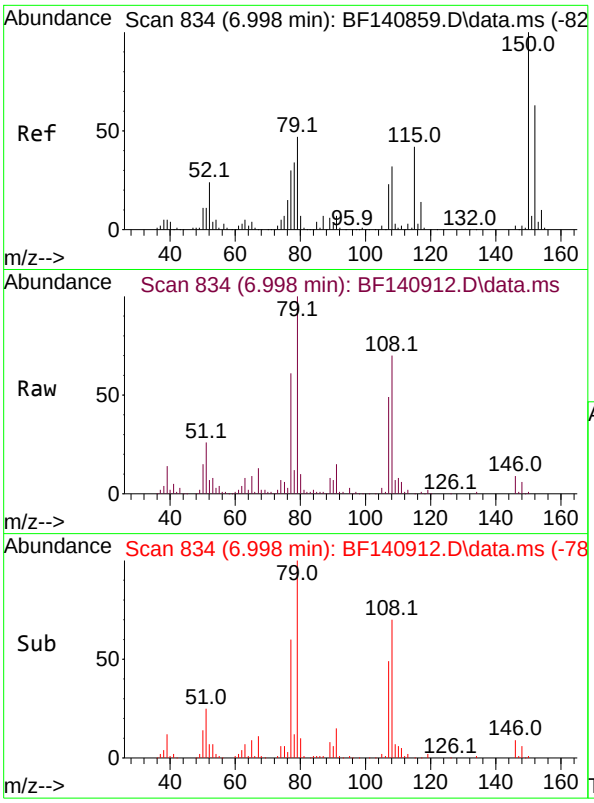


#14
1,2-Dichlorobenzene
Concen: 45.974 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:146 Resp: 201176

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.0	75.0
111	47.2	35.6	53.4



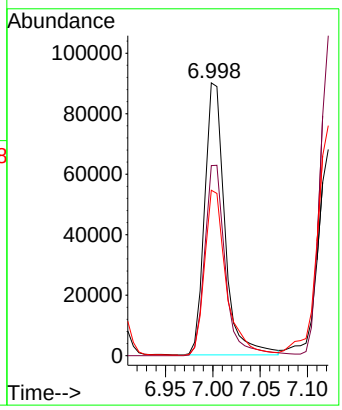


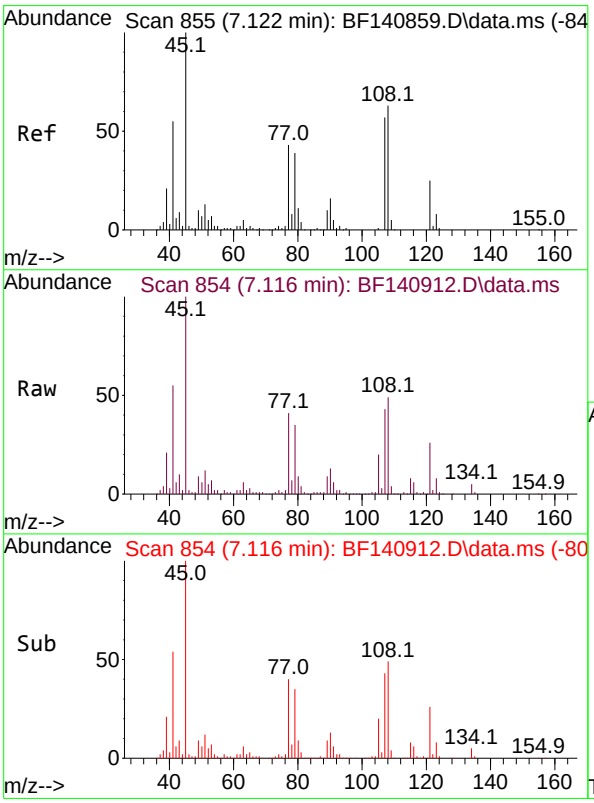
#15
Benzyl Alcohol
Concen: 38.333 ng
RT: 6.998 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion: 79 Resp: 133484

Ion	Ratio	Lower	Upper
79	100		
108	69.7	55.1	82.7
77	60.6	50.6	76.0

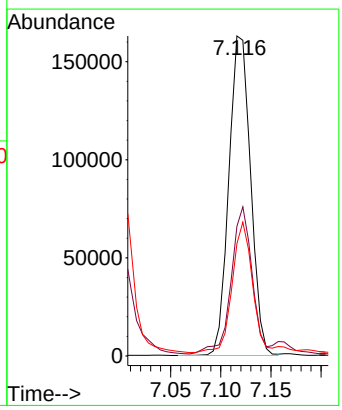


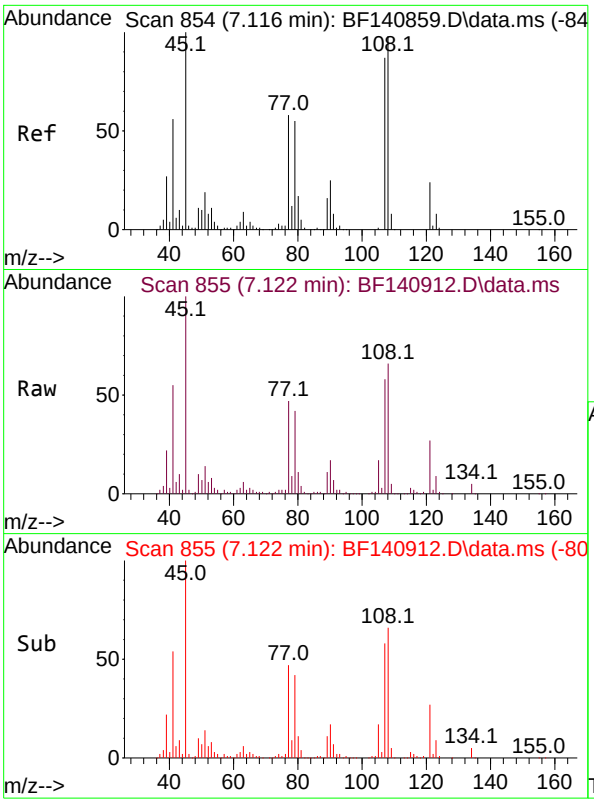


#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.538 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion: 45 Resp: 246281

Ion	Ratio	Lower	Upper
45	100		
77	40.5	23.3	63.3
79	35.1	20.0	60.0



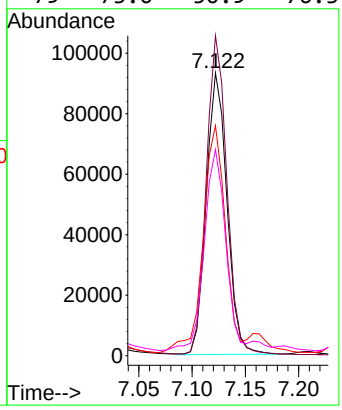


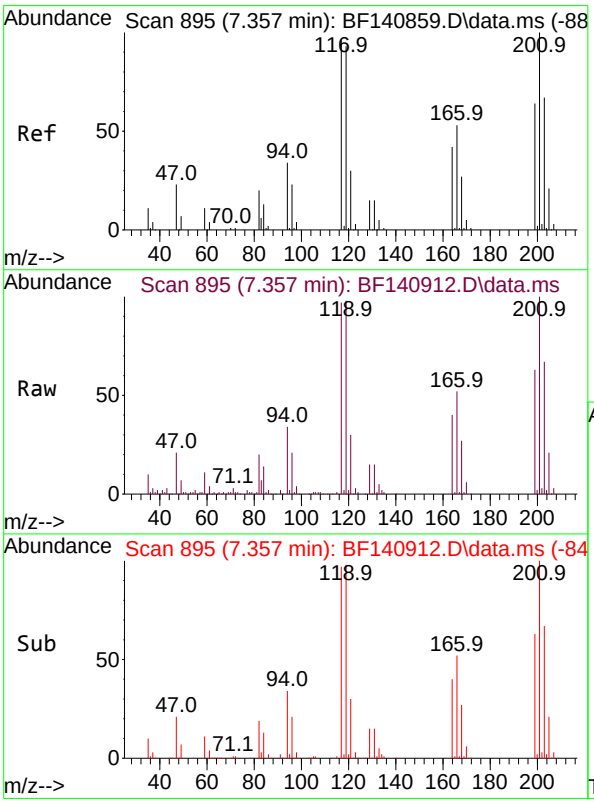
#17
2-Methylphenol
Concen: 39.219 ng
RT: 7.122 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:107 Resp: 125553

Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.2	135.4
77	81.4	53.8	80.6#
79	73.0	50.9	76.3

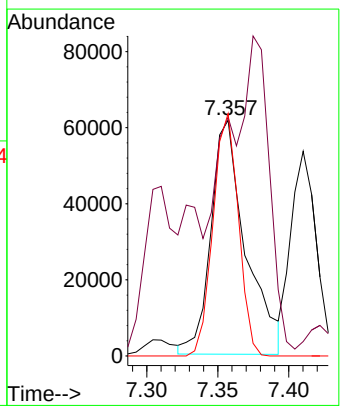


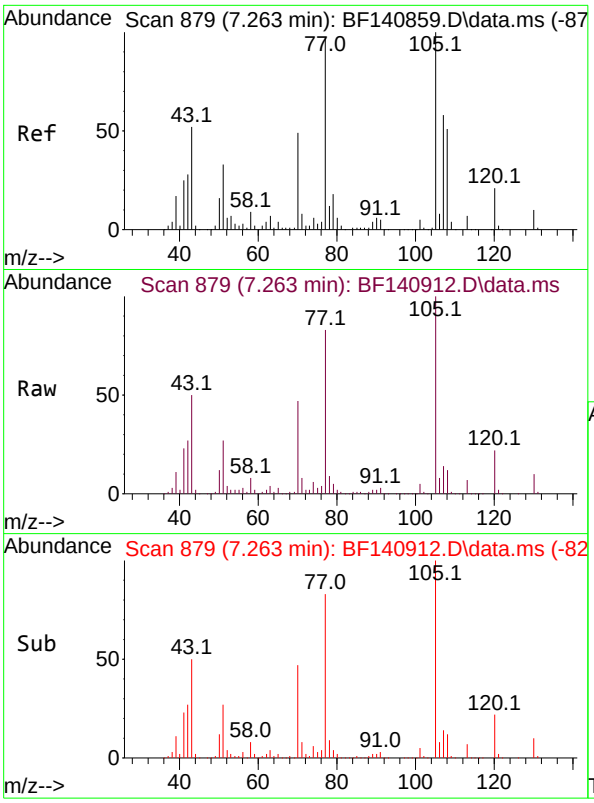


#18
Hexachloroethane
Concen: 60.753 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:117 Resp: 104894

Ion	Ratio	Lower	Upper
117	100		
119	101.3	77.4	116.0
201	102.9	83.4	125.0



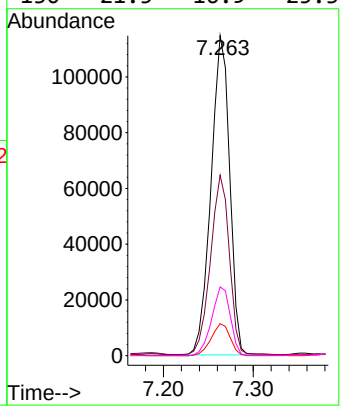


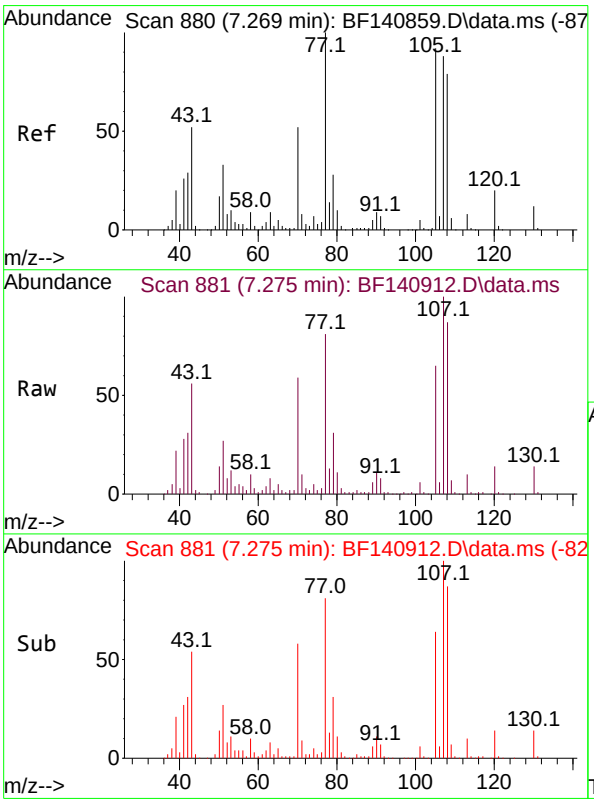
#19
n-Nitroso-di-n-propylamine
Concen: 56.722 ng
RT: 7.263 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion: 70 Resp: 165708

Ion	Ratio	Lower	Upper
70	100		
42	56.4	45.3	67.9
101	10.0	8.0	12.0
130	21.5	16.9	25.3

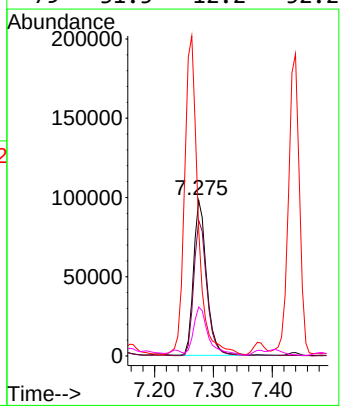


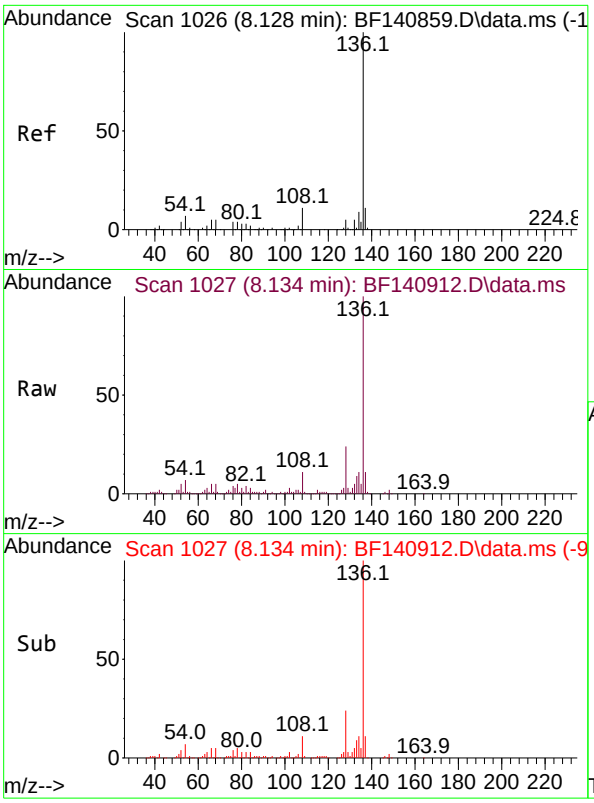


#20
3+4-Methylphenols
Concen: 35.877 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:107 Resp: 152300

Ion	Ratio	Lower	Upper
107	100		
108	87.1	70.1	110.1
77	81.2	94.4	134.4#
79	31.5	12.2	52.2



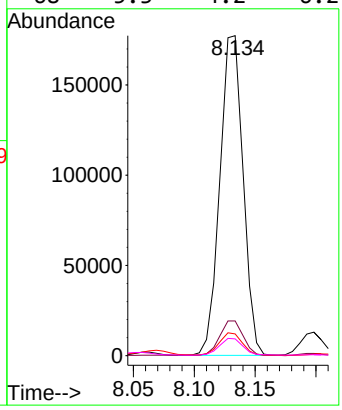


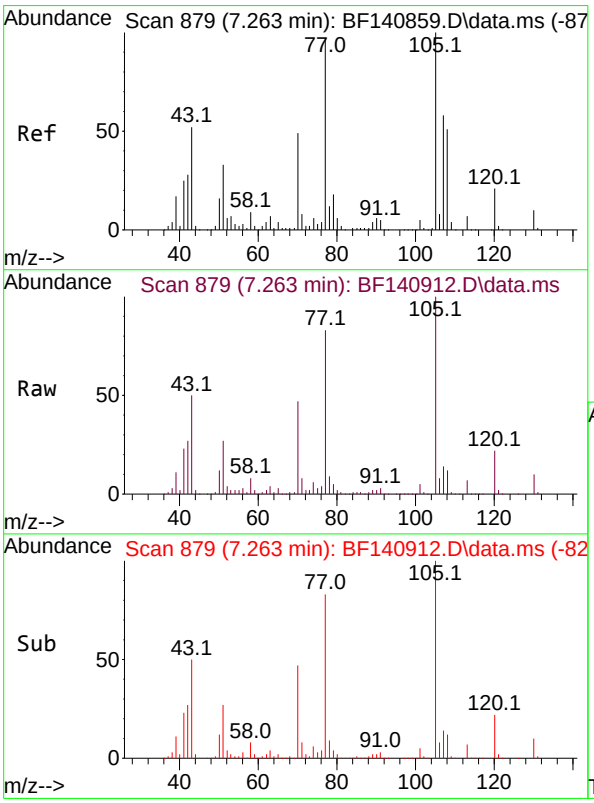
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:136 Resp: 235451

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.8	5.6	8.4
68	5.3	4.2	6.2

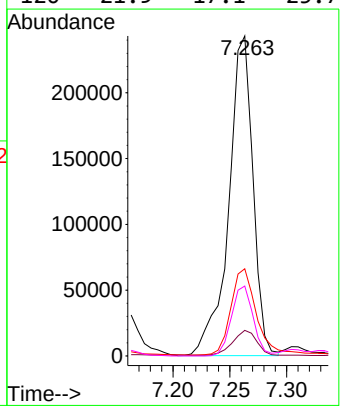


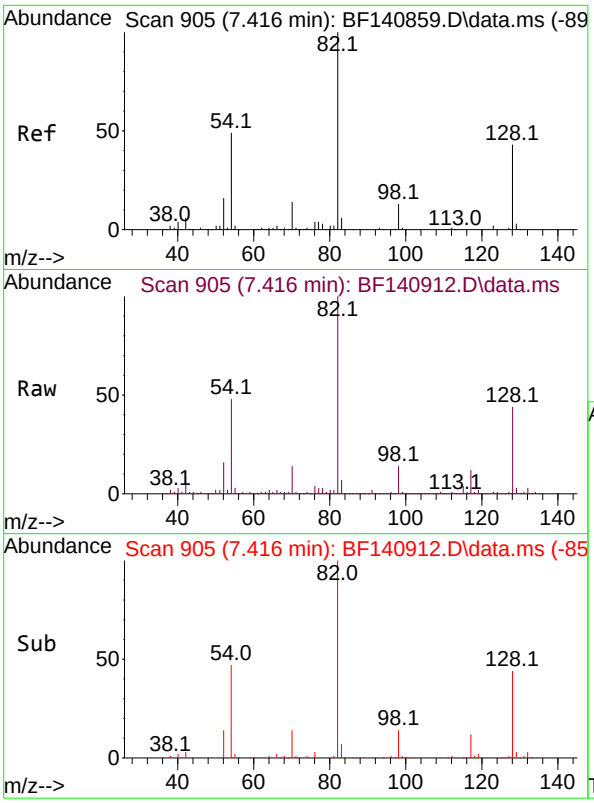


#22
Acetophenone
Concen: 61.287 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:105 Resp: 360973

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.2	9.4
51	27.2	26.3	39.5
120	21.9	17.1	25.7



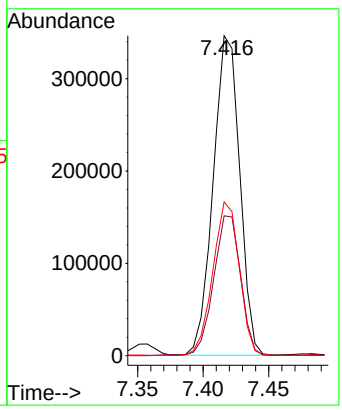


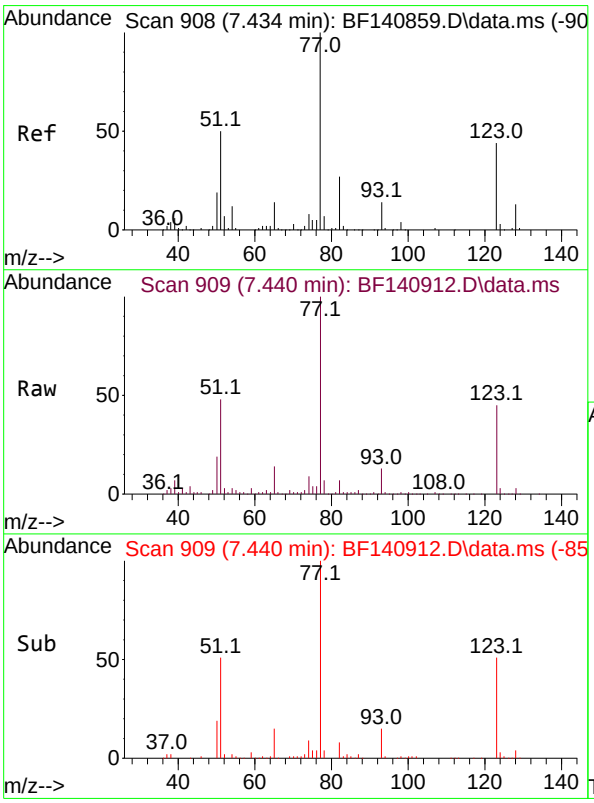
#23
Nitrobenzene-d5
Concen: 103.483 ng
RT: 7.416 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion: 82 Resp: 487003

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.4	51.6
54	48.1	38.8	58.2

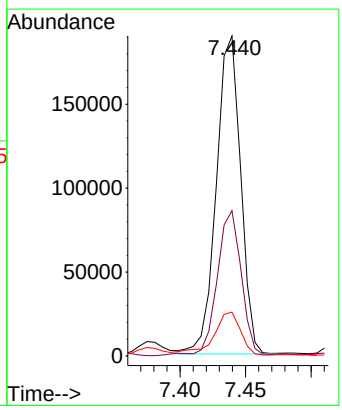


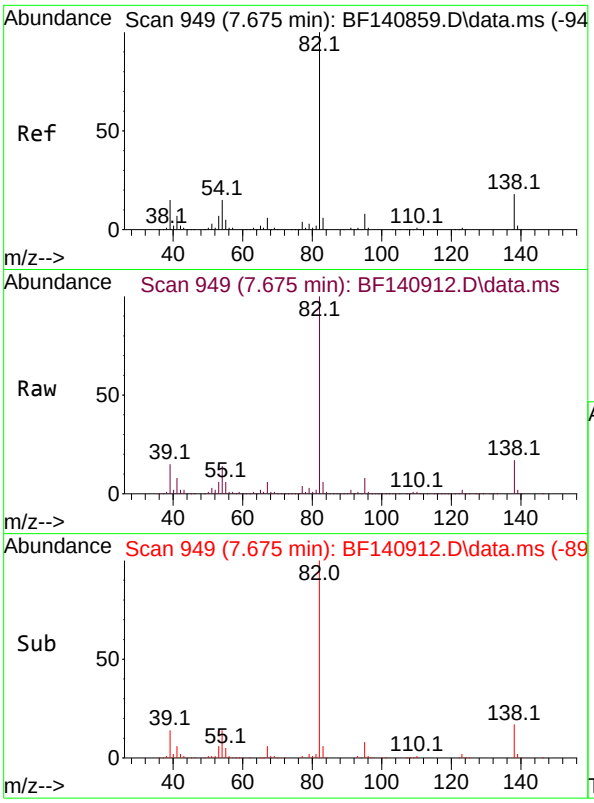


#24
Nitrobenzene
Concen: 50.746 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion: 77 Resp: 244659

Ion	Ratio	Lower	Upper
77	100		
123	45.4	35.0	52.4
65	13.7	11.4	17.0



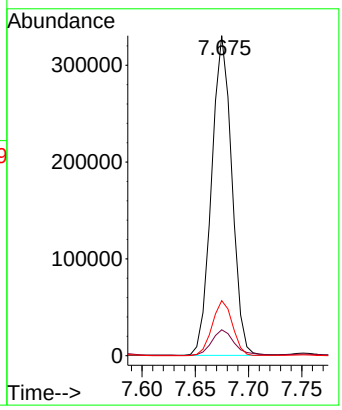


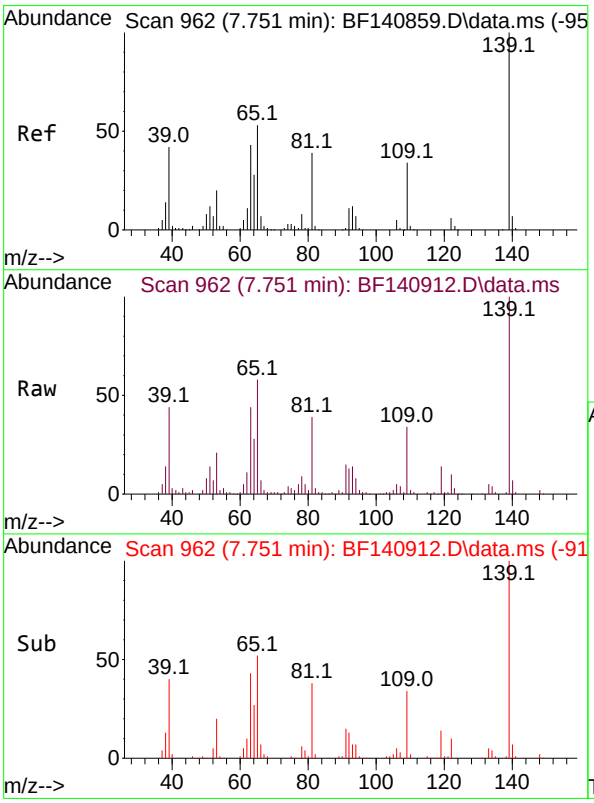
#25
Isophorone
Concen: 55.577 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion: 82 Resp: 438242

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.3	9.5
138	17.2	14.1	21.1

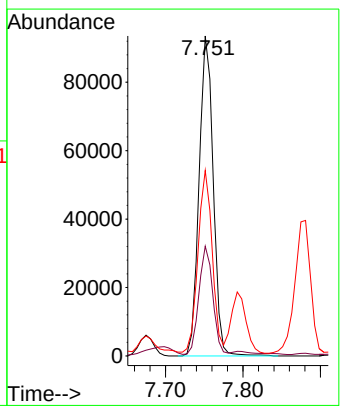


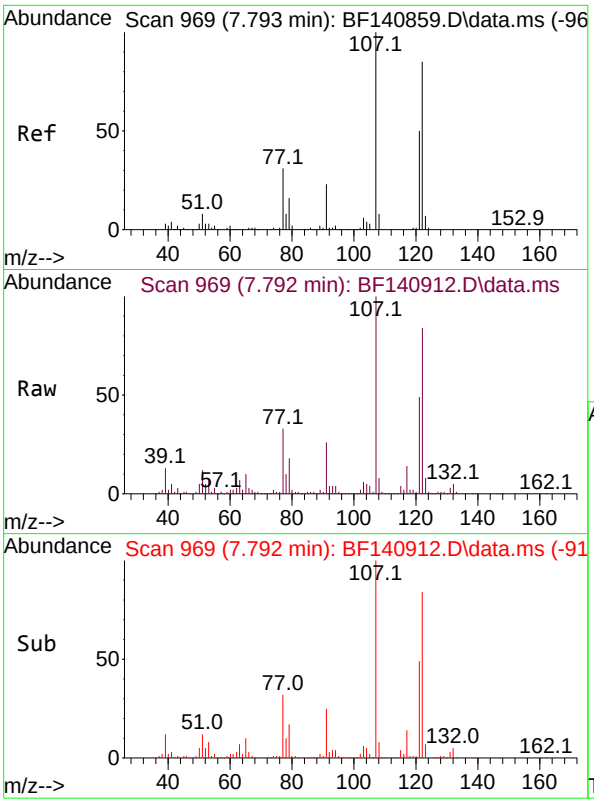


#26
2-Nitrophenol
Concen: 53.407 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:139 Resp: 118590

Ion	Ratio	Lower	Upper
139	100		
109	34.3	26.9	40.3
65	58.0	42.6	64.0



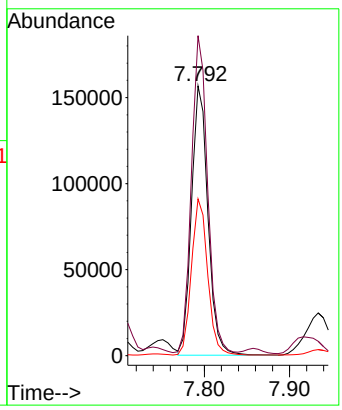


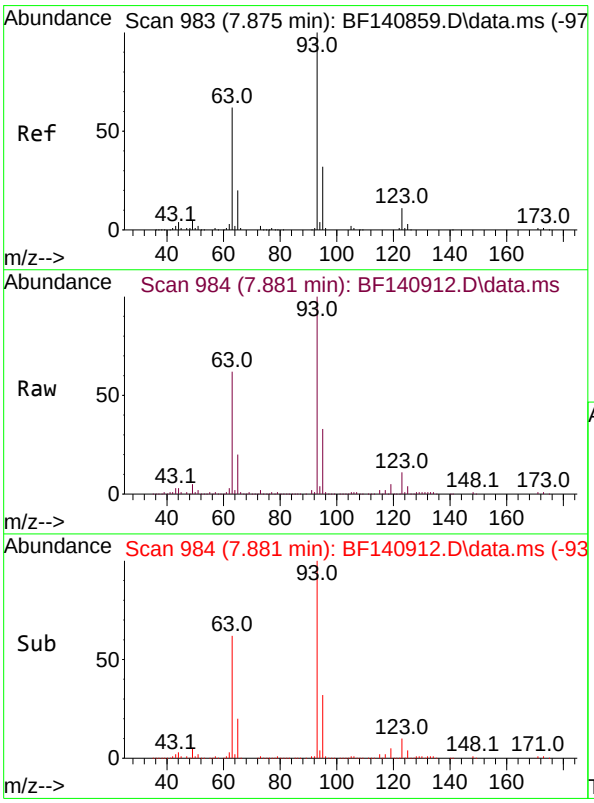
#27
2,4-Dimethylphenol
Concen: 80.839 ng
RT: 7.792 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:122 Resp: 209632

Ion	Ratio	Lower	Upper
122	100		
107	118.6	92.6	139.0
121	58.1	45.8	68.8

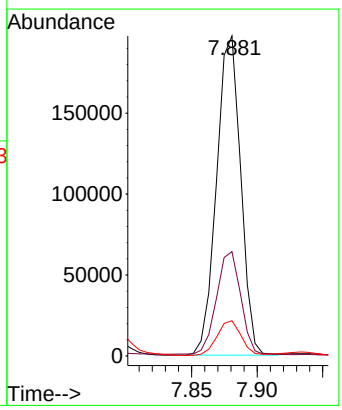


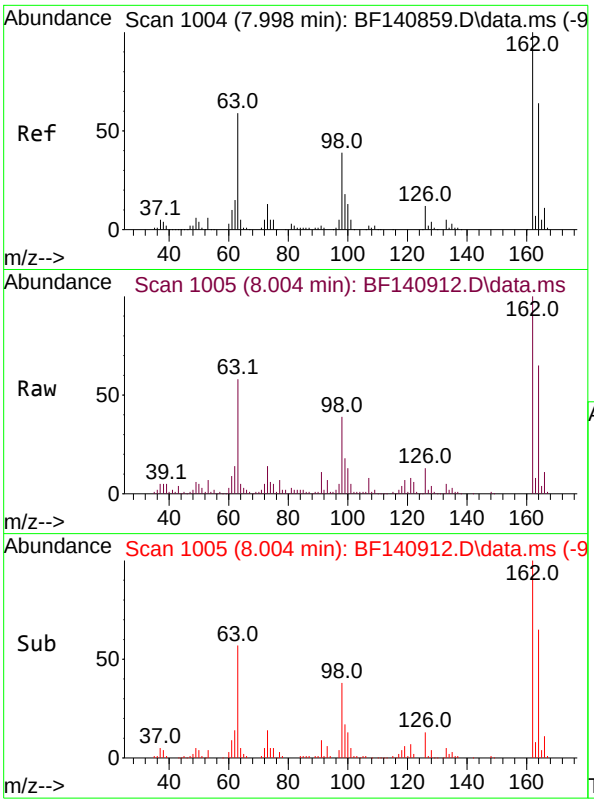


#28
bis(2-Chloroethoxy)methane
Concen: 51.350 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion: 93 Resp: 252895

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.3	37.9
123	11.0	8.6	13.0



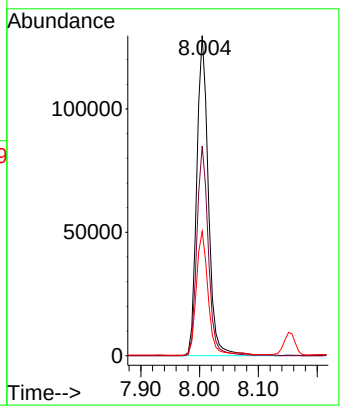


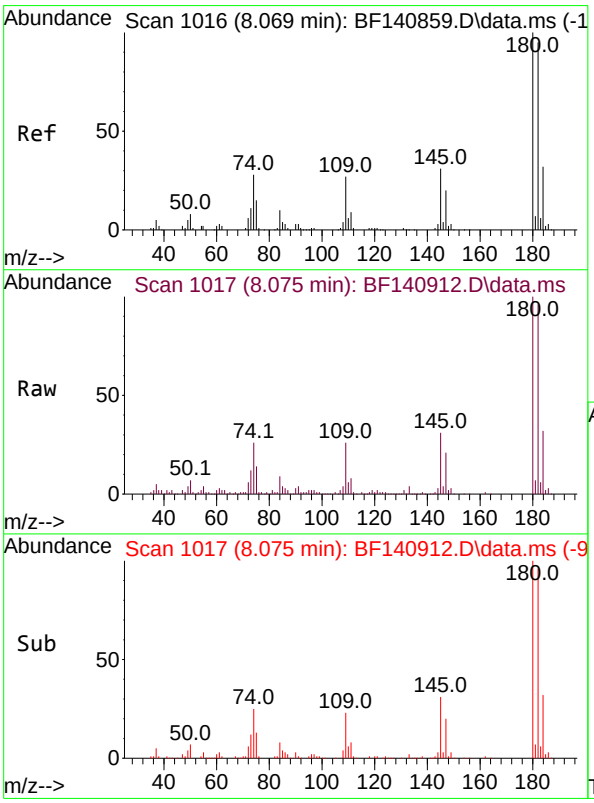
#29
2,4-Dichlorophenol
Concen: 49.751 ng
RT: 8.004 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:162 Resp: 178117

Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.7	83.7
98	38.8	18.6	58.6

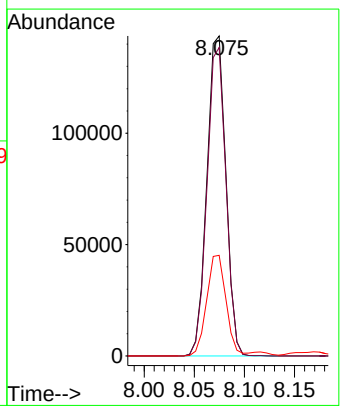


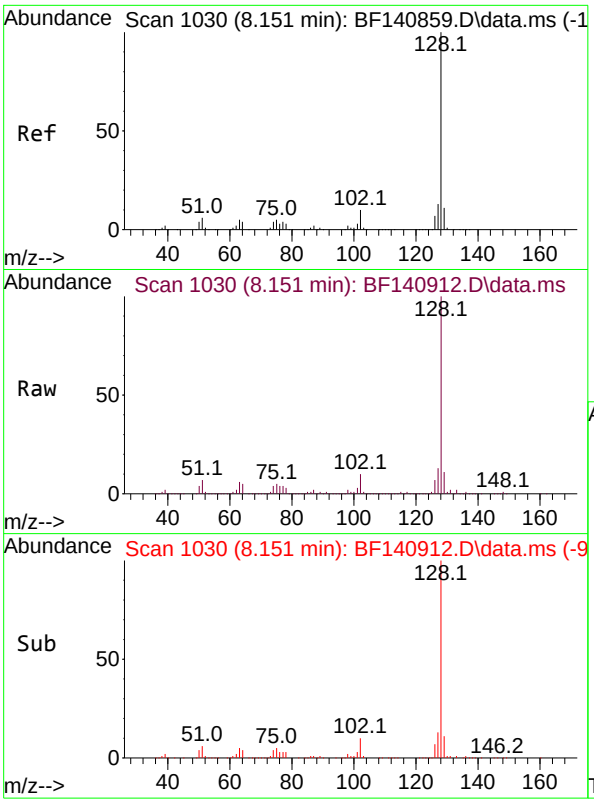


#30
1,2,4-Trichlorobenzene
Concen: 46.316 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:180 Resp: 190090

Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.6
145	31.4	25.2	37.8



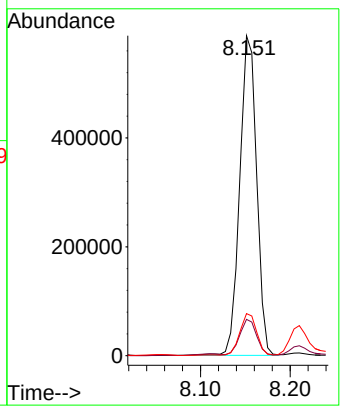


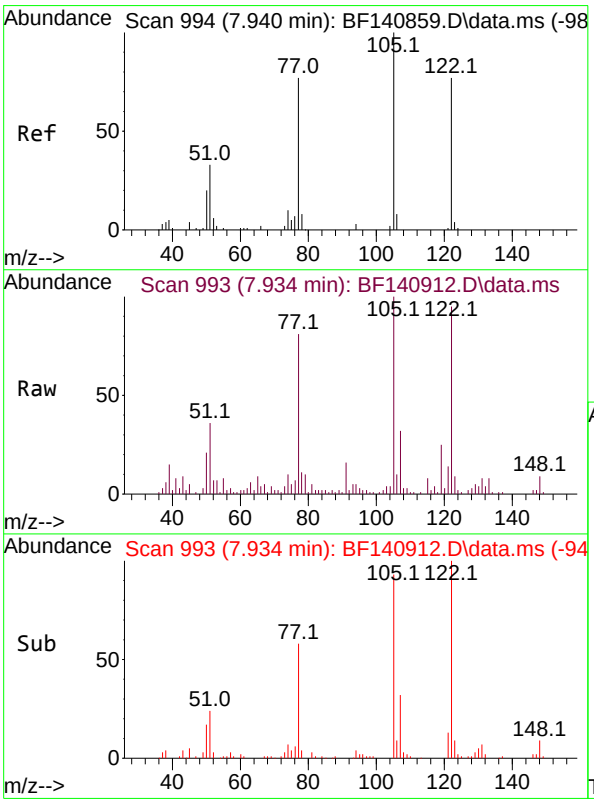
#31
Naphthalene
Concen: 59.400 ng
RT: 8.151 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:128 Resp: 768248

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.1	10.6	16.0

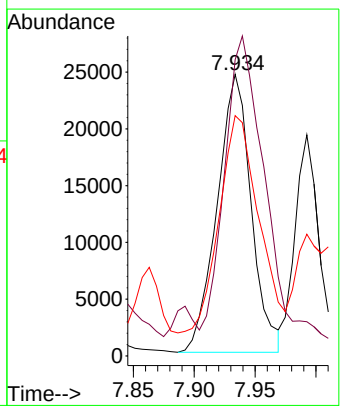


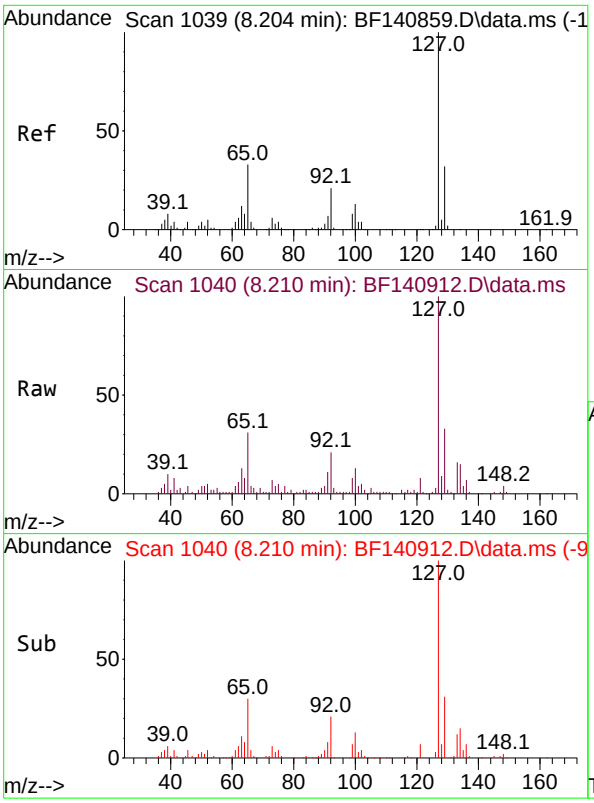


#32
Benzoic acid
Concen: 19.383 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:122 Resp: 47671

Ion	Ratio	Lower	Upper
122	100		
105	105.3	108.3	148.3#
77	85.4	78.8	118.8



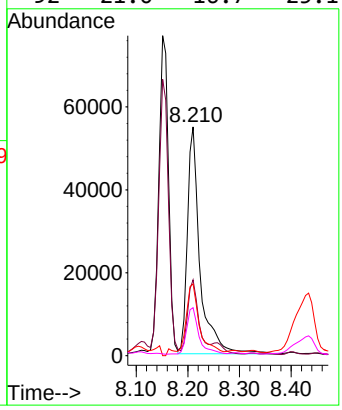


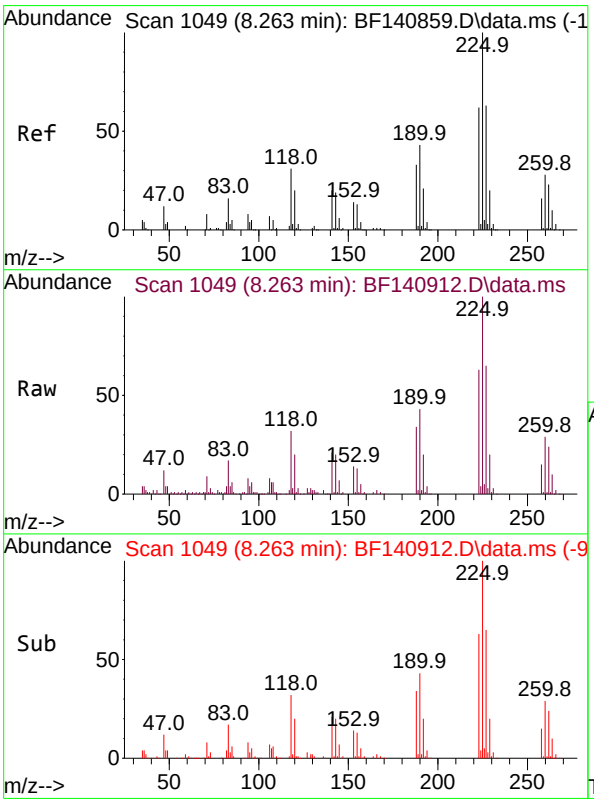
#33
4-Chloroaniline
Concen: 21.579 ng
RT: 8.210 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:127 Resp: 92694

Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	31.4	26.0	39.0
92	21.0	16.7	25.1

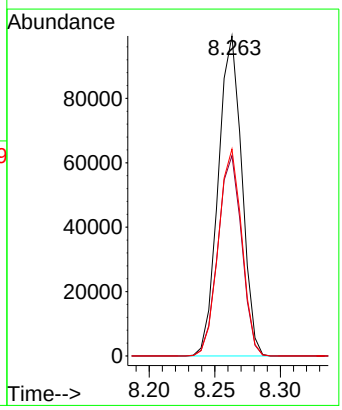


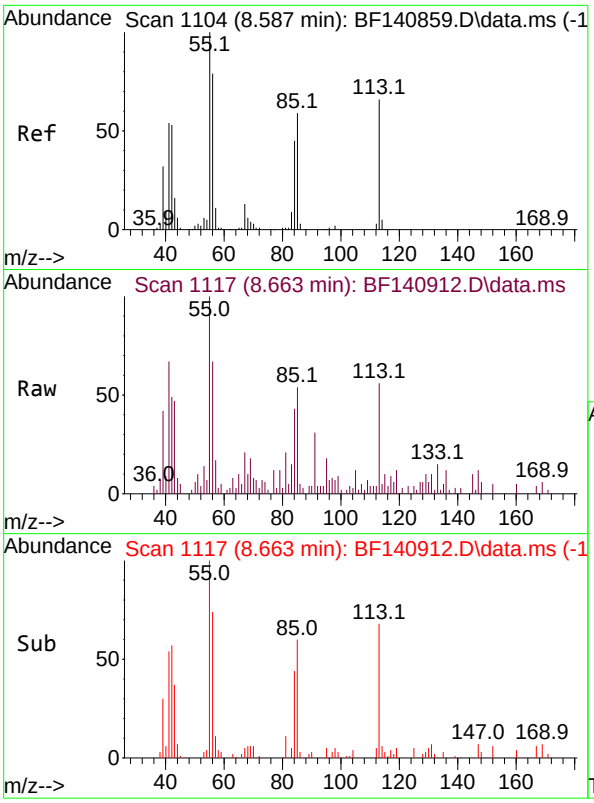


#34
Hexachlorobutadiene
Concen: 44.949 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:225 Resp: 124116

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.6	74.4
227	64.7	50.7	76.1



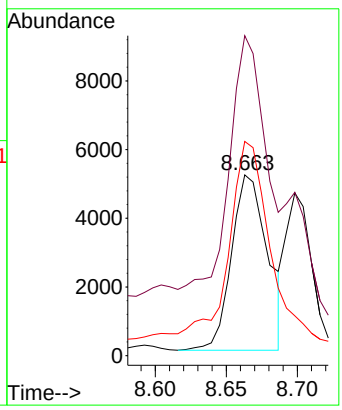


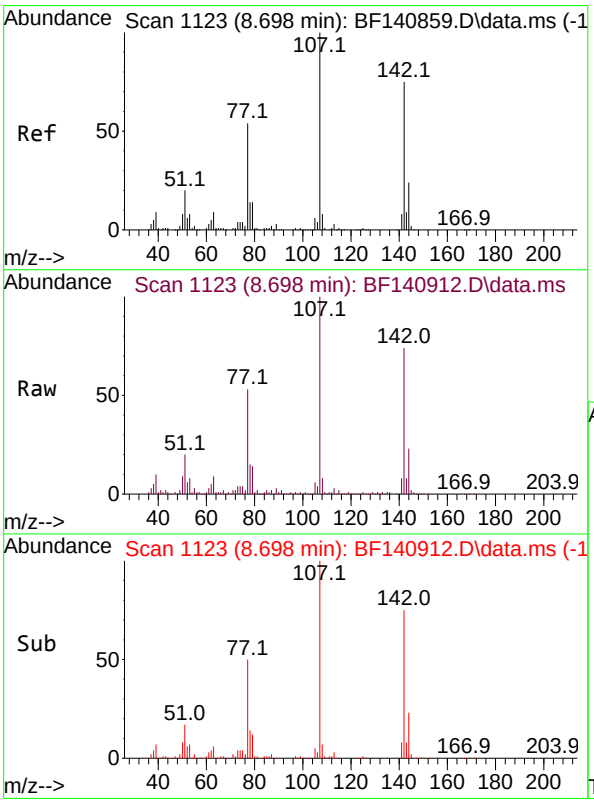
#35
Caprolactam
Concen: 8.469 ng
RT: 8.663 min Scan# 1
Delta R.T. 0.076 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:113 Resp: 9027

Ion	Ratio	Lower	Upper
113	100		
55	177.0	132.3	172.3#
56	118.5	100.3	140.3

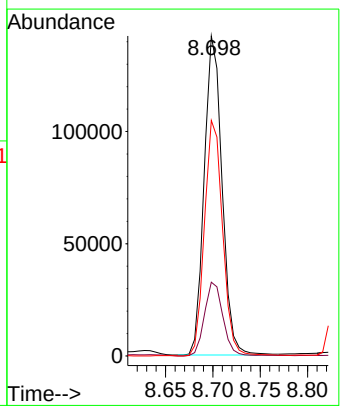


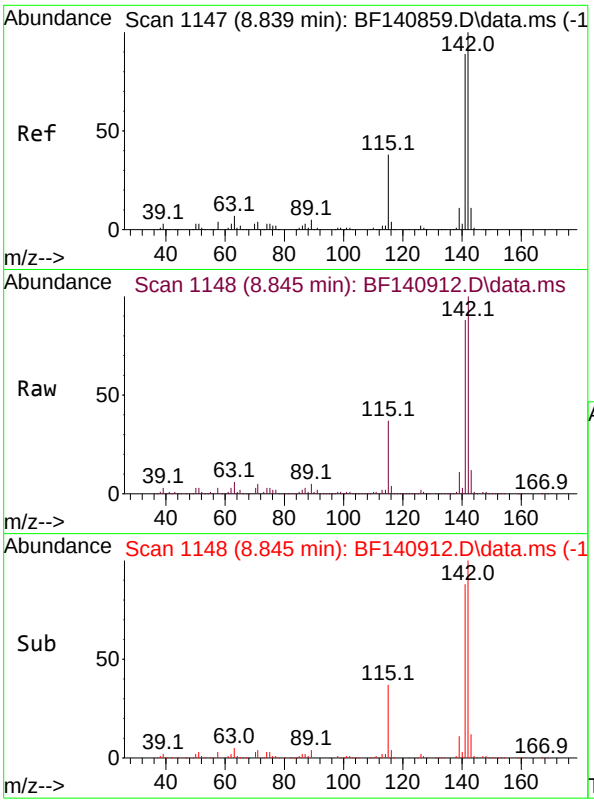


#36
4-Chloro-3-methylphenol
Concen: 46.227 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:107 Resp: 186274

Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.4	29.2
142	73.6	60.3	90.5



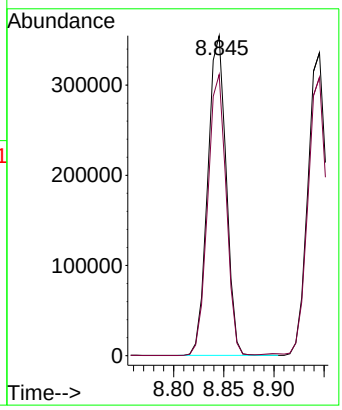


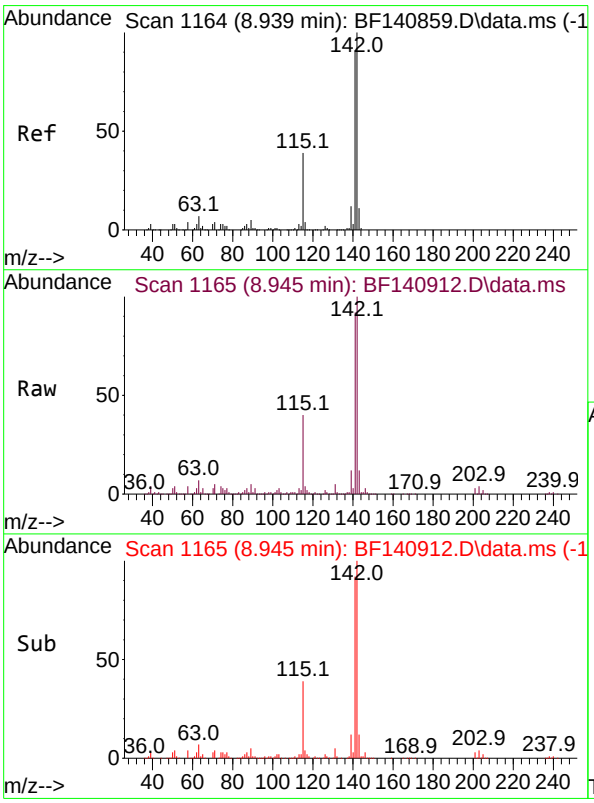
#37
2-Methylnaphthalene
Concen: 52.871 ng
RT: 8.845 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:142 Resp: 452341

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6

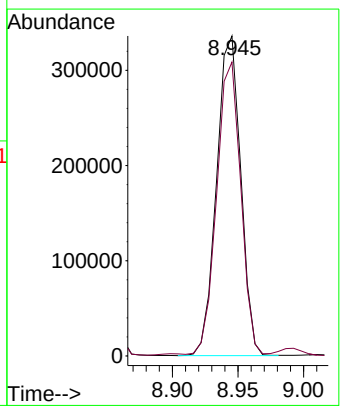


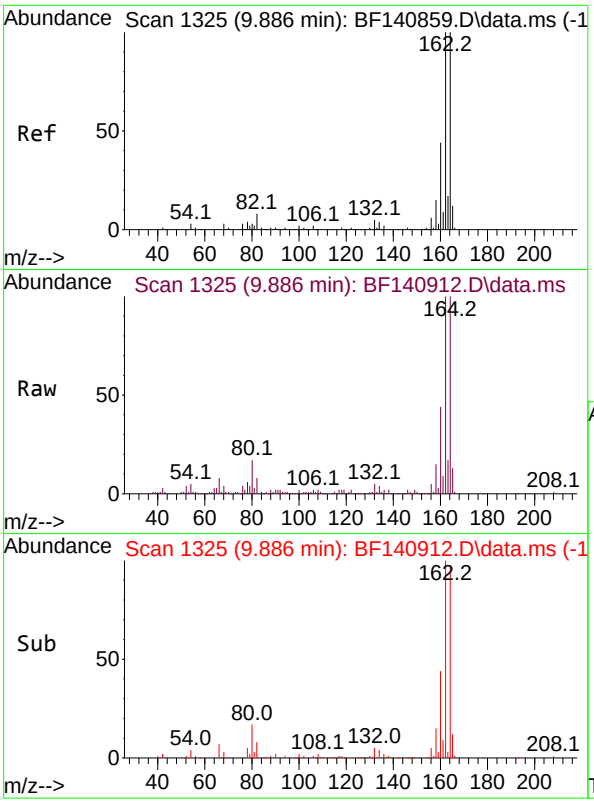


#38
1-Methylnaphthalene
Concen: 50.661 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:142 Resp: 428660

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.0



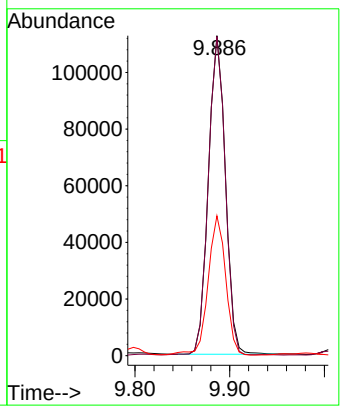


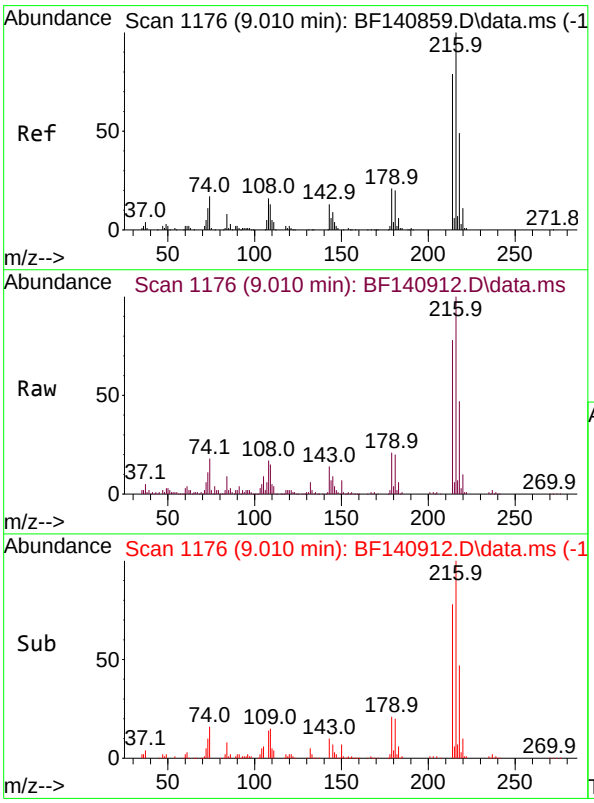
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:164 Resp: 140282

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.9	119.9
160	43.7	35.2	52.8

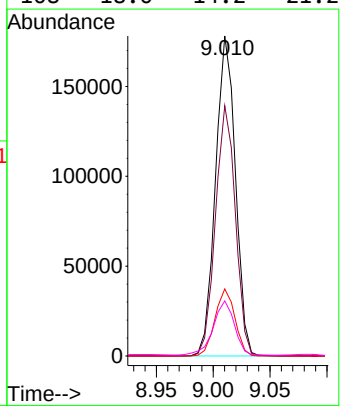


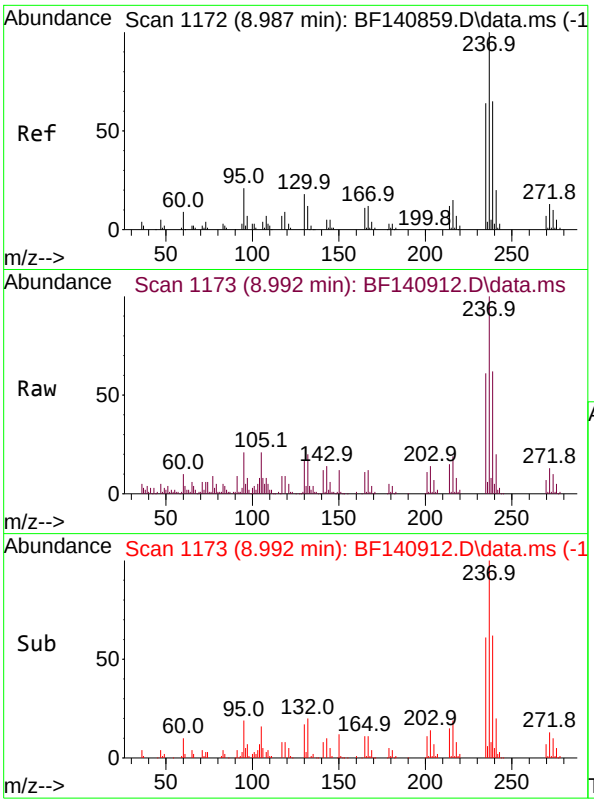


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.342 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:216 Resp: 217061

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.6	95.4
179	20.9	17.0	25.4
108	18.0	14.2	21.2



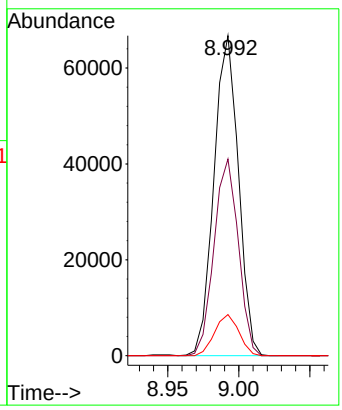


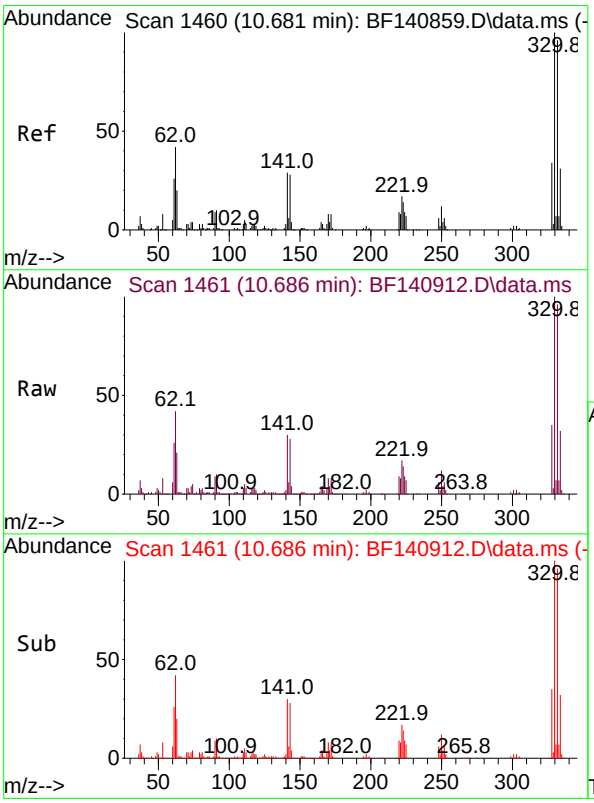
#41
Hexachlorocyclopentadiene
Concen: 61.515 ng
RT: 8.992 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:237 Resp: 79945

Ion	Ratio	Lower	Upper
237	100		
235	61.5	43.7	83.7
272	12.8	0.0	32.9

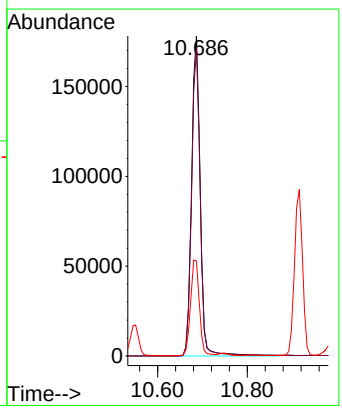


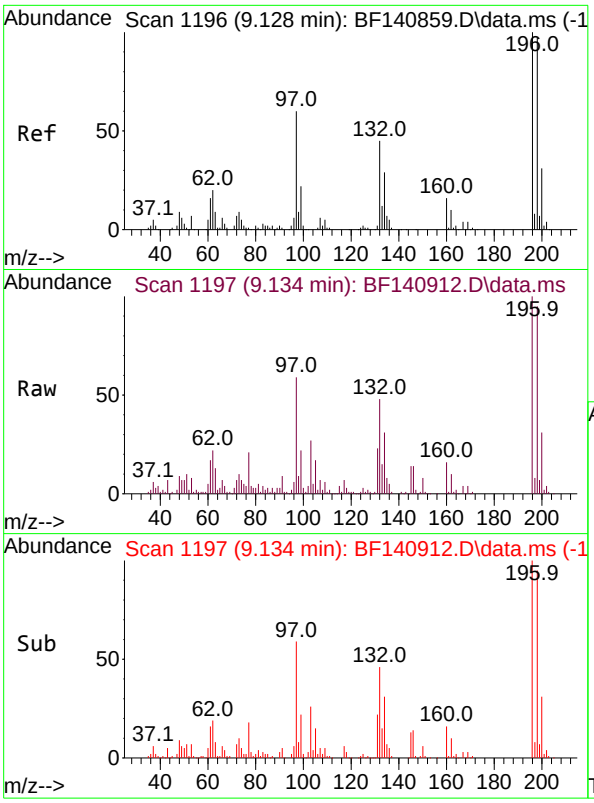


#42
2,4,6-Tribromophenol
Concen: 143.426 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:330 Resp: 237964

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	30.6	24.9	37.3



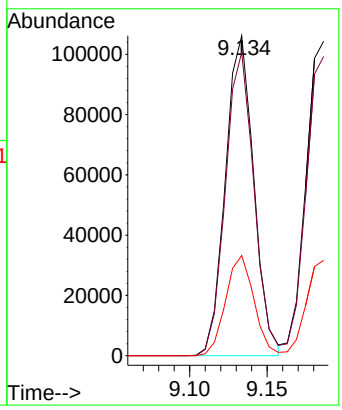


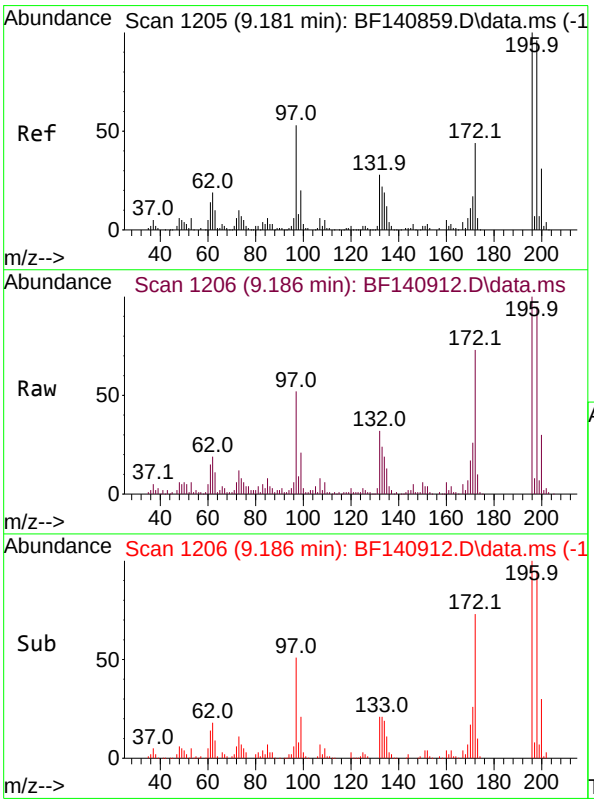
#43
2,4,6-Trichlorophenol
Concen: 51.208 ng
RT: 9.134 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:196 Resp: 135198

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.4	116.0
200	31.3	24.5	36.7

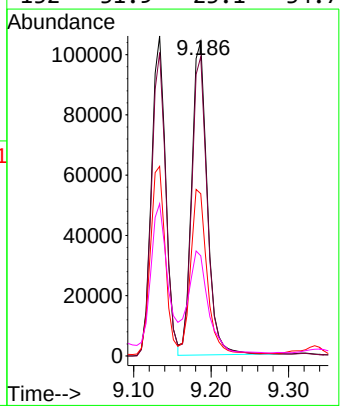


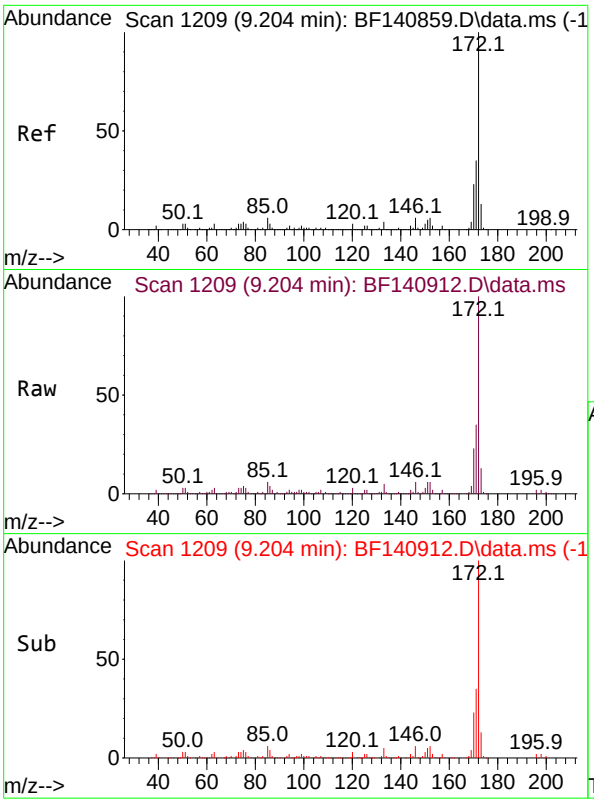


#44
2,4,5-Trichlorophenol
Concen: 50.049 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:196 Resp: 145237

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.2	115.8
97	51.6	42.2	63.4
132	31.9	23.1	34.7



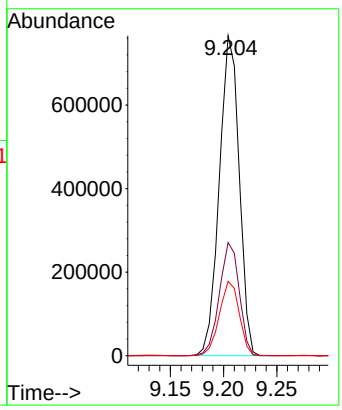


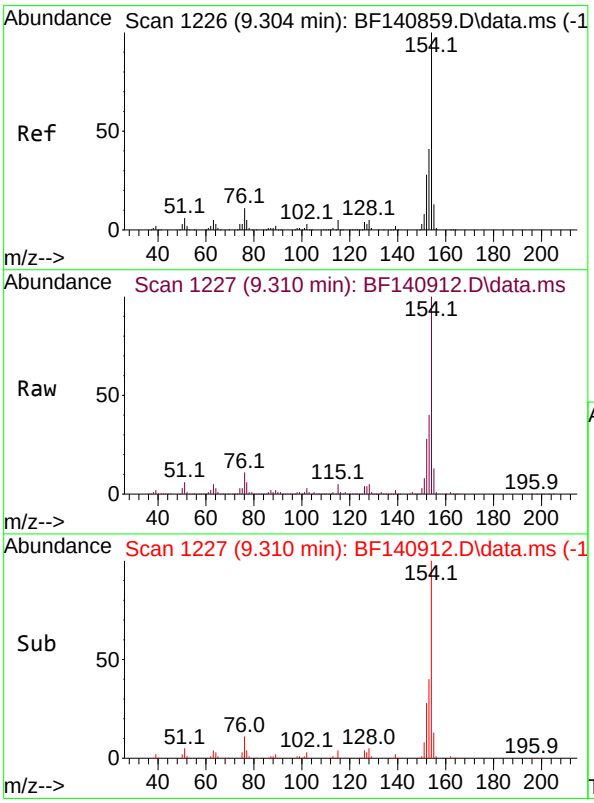
#45
2-Fluorobiphenyl
Concen: 97.327 ng
RT: 9.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:172 Resp: 993067

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.4	42.6
170	23.3	18.6	28.0

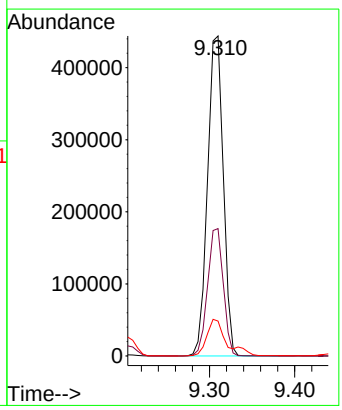


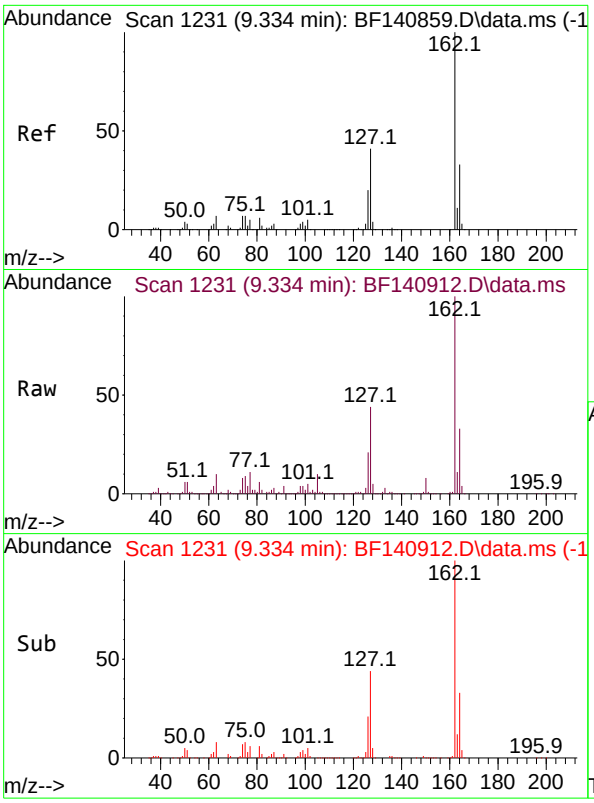


#46
1,1'-Biphenyl
Concen: 51.157 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:154 Resp: 570652

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.8	60.8
76	10.9	0.0	31.0



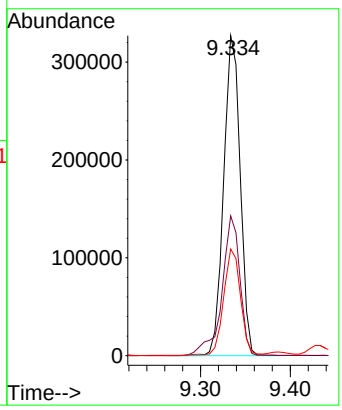


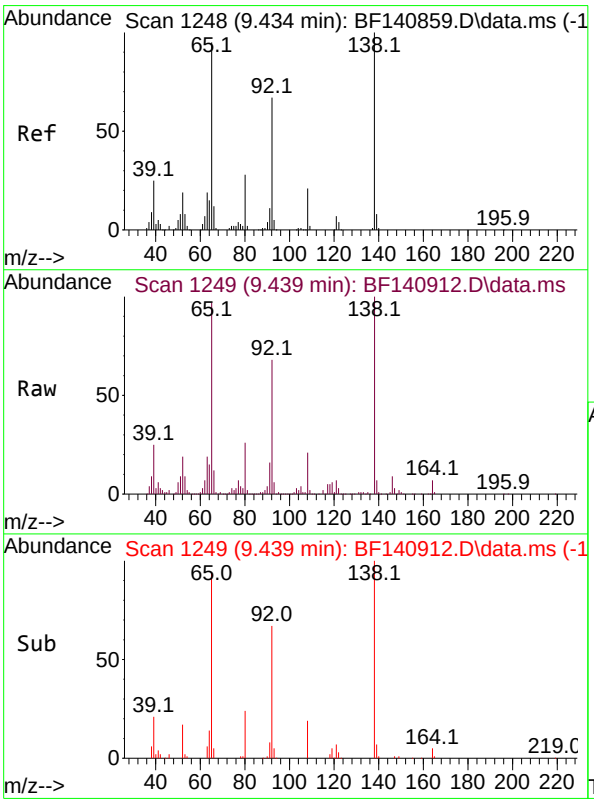
#47
2-Chloronaphthalene
Concen: 49.025 ng
RT: 9.334 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:162 Resp: 418363

Ion	Ratio	Lower	Upper
162	100		
127	43.7	33.5	50.3
164	33.3	26.2	39.2

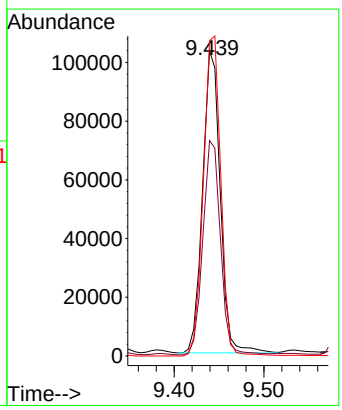


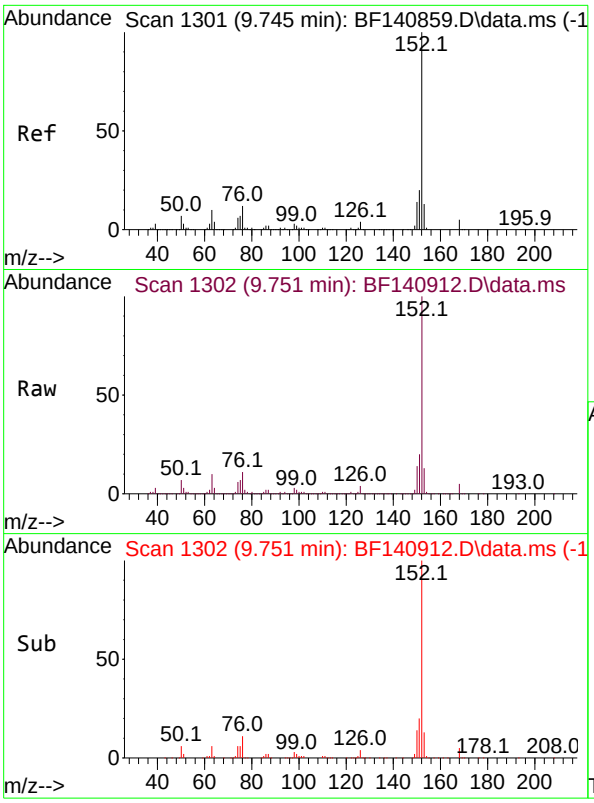


#48
2-Nitroaniline
Concen: 54.460 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion: 65 Resp: 140359

Ion	Ratio	Lower	Upper
65	100		
92	70.6	56.3	84.5
138	103.4	83.8	125.6



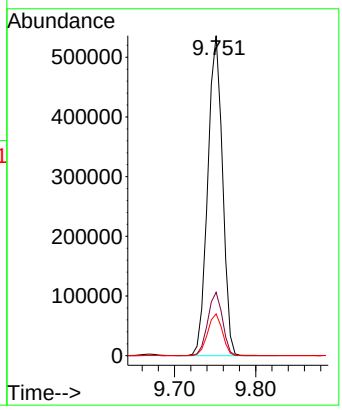


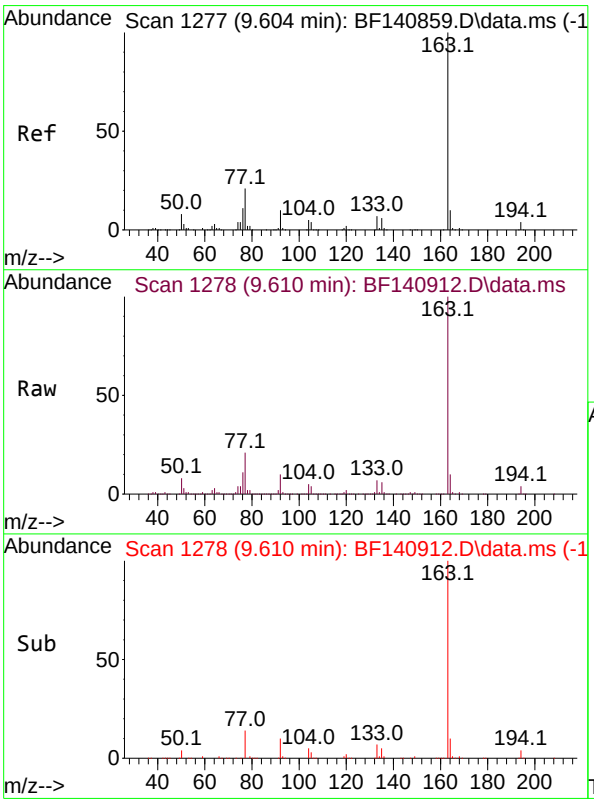
#49
Acenaphthylene
Concen: 53.781 ng
RT: 9.751 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:152 Resp: 674463

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.0	10.6	16.0

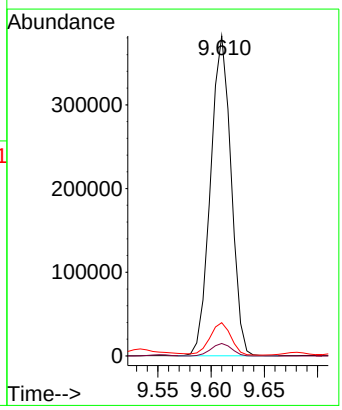


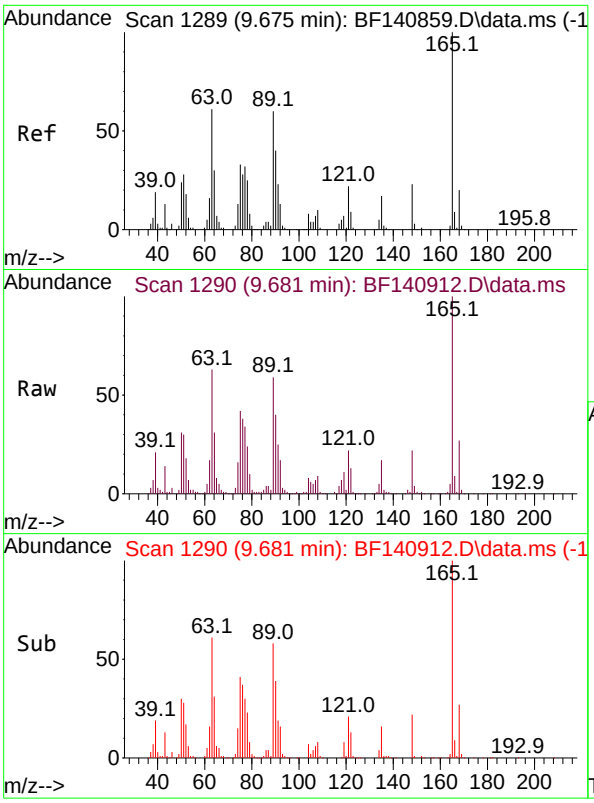


#50
Dimethylphthalate
Concen: 51.831 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:163 Resp: 512617

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.4	8.1	12.1



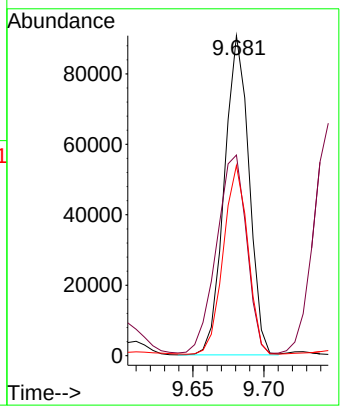


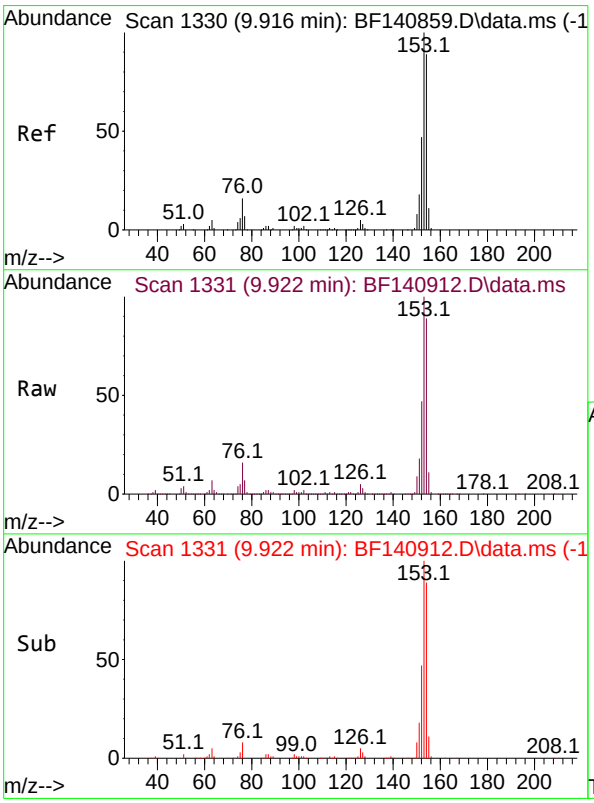
#51
2,6-Dinitrotoluene
Concen: 48.431 ng
RT: 9.681 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:165 Resp: 109503

Ion	Ratio	Lower	Upper
165	100		
63	62.7	49.7	74.5
89	59.5	48.2	72.4

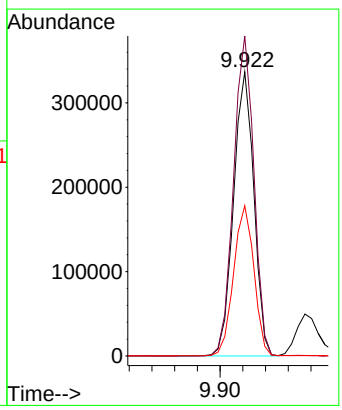


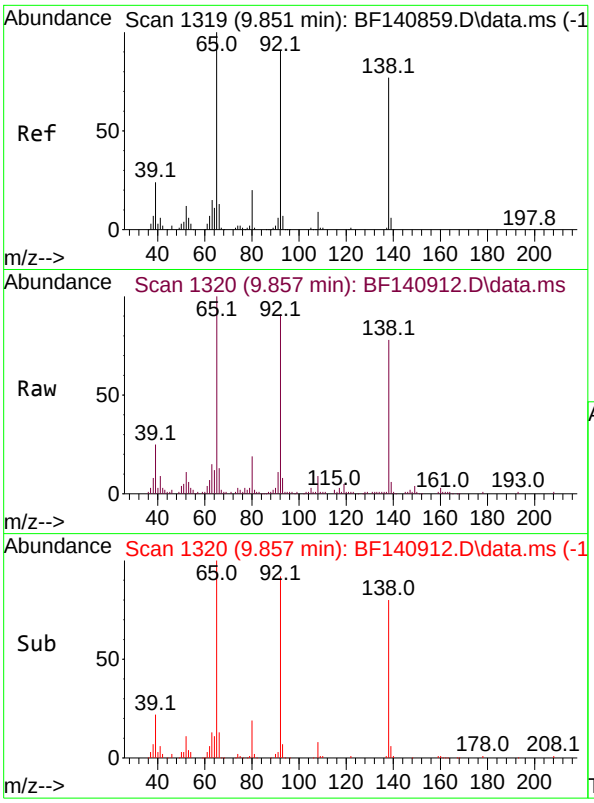


#52
Acenaphthene
Concen: 52.252 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:154 Resp: 418589

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.9	134.9
152	52.9	42.6	63.8



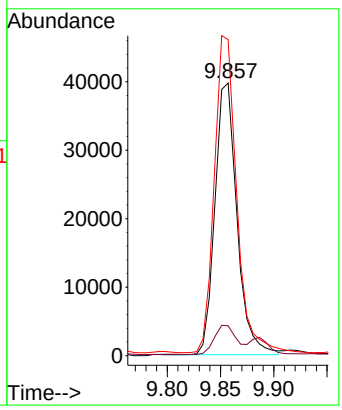


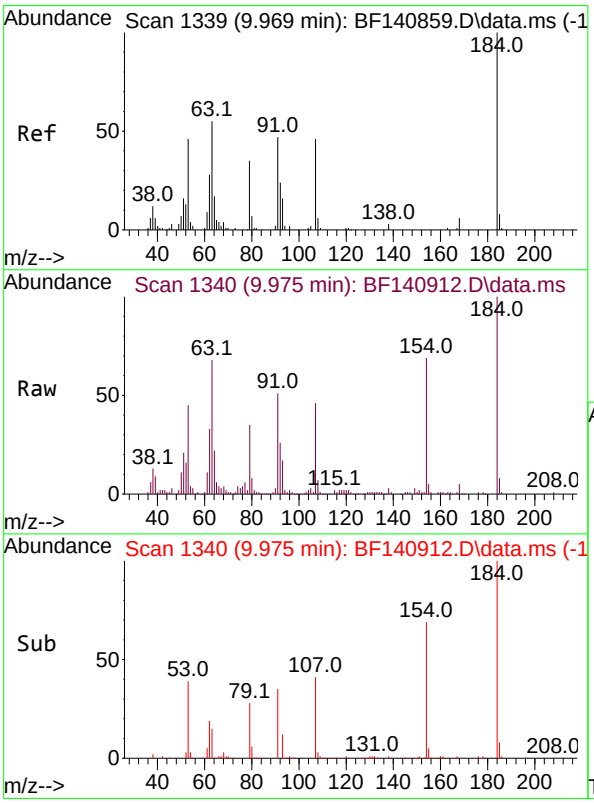
#53
3-Nitroaniline
Concen: 25.448 ng
RT: 9.857 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:138 Resp: 57100

Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.0	13.4
92	116.0	95.5	143.3

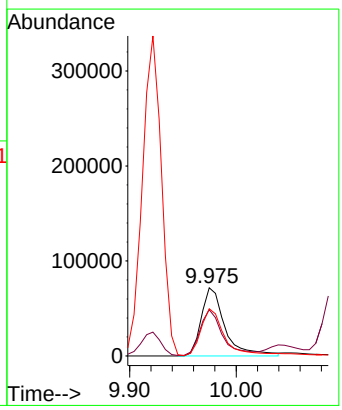


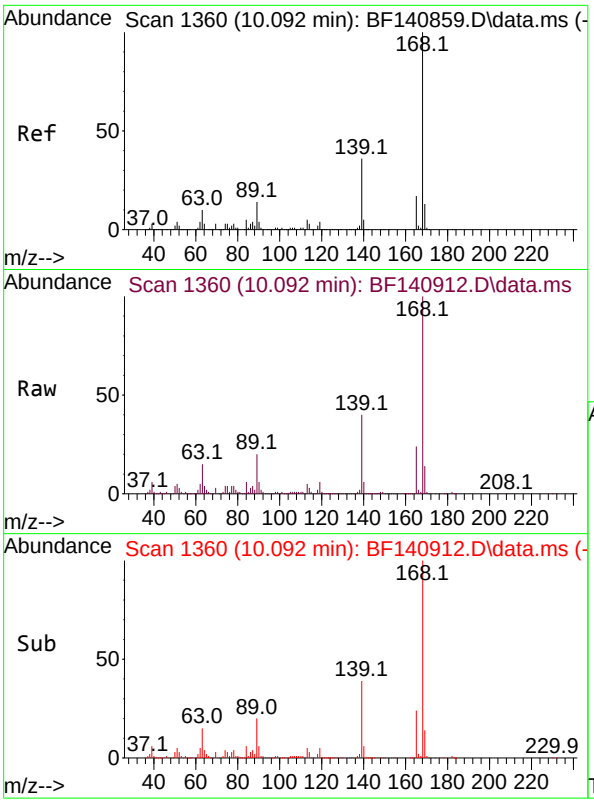


#54
2,4-Dinitrophenol
Concen: 99.103 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:184 Resp: 111206

Ion	Ratio	Lower	Upper
184	100		
63	67.8	51.6	77.4
154	69.4	56.1	84.1



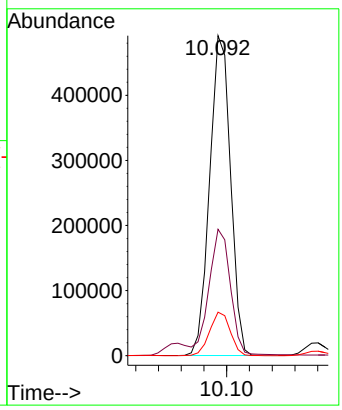


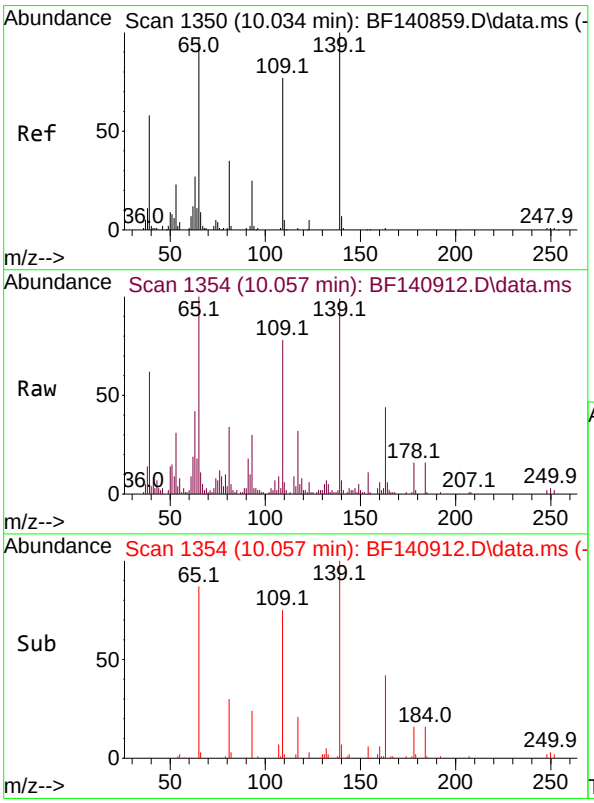
#55
Dibenzofuran
Concen: 50.551 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:168 Resp: 627512

Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.1	46.7
169	13.6	10.6	16.0

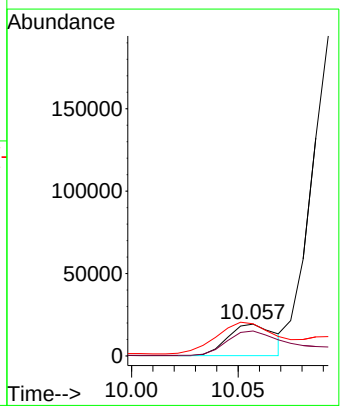


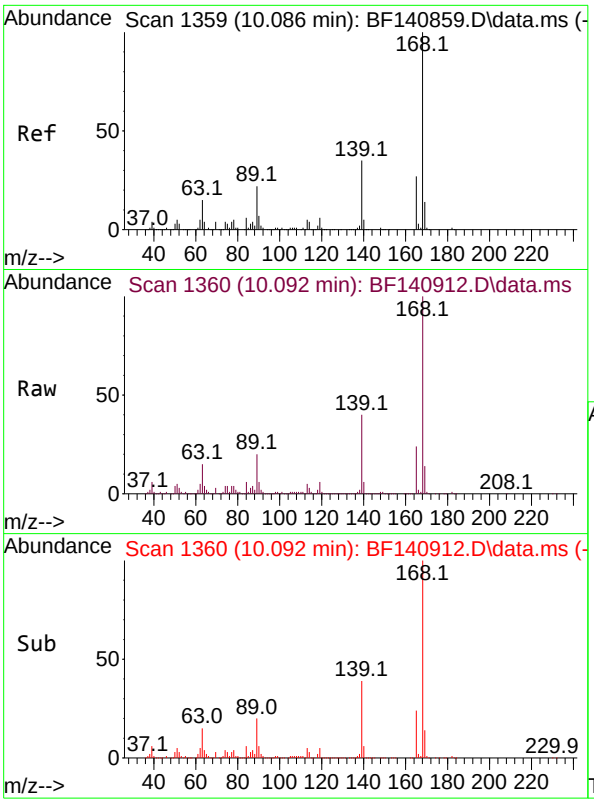


#56
4-Nitrophenol
Concen: 27.059 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.023 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:139 Resp: 28903

Ion	Ratio	Lower	Upper
139	100		
109	78.6	56.7	96.7
65	101.2	78.1	118.1



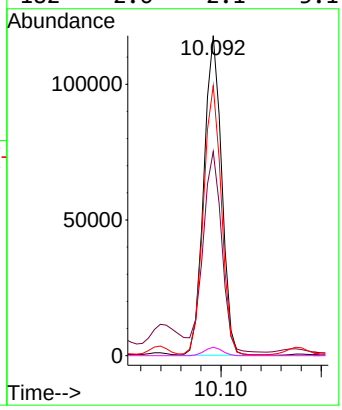


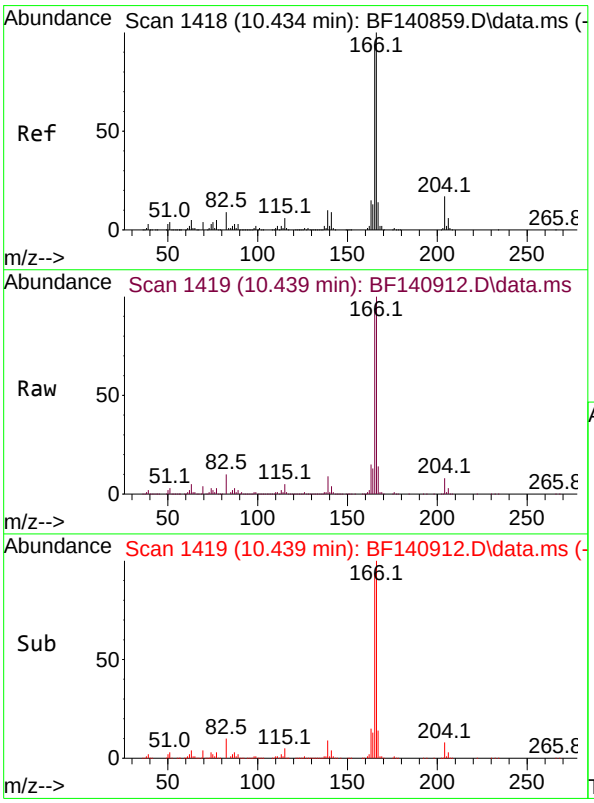
#57
2,4-Dinitrotoluene
Concen: 48.902 ng
RT: 10.092 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:165 Resp: 145476

Ion	Ratio	Lower	Upper
165	100		
63	63.8	49.3	73.9
89	84.4	66.2	99.4
182	2.6	2.1	3.1

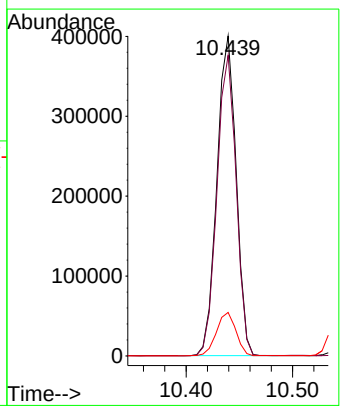


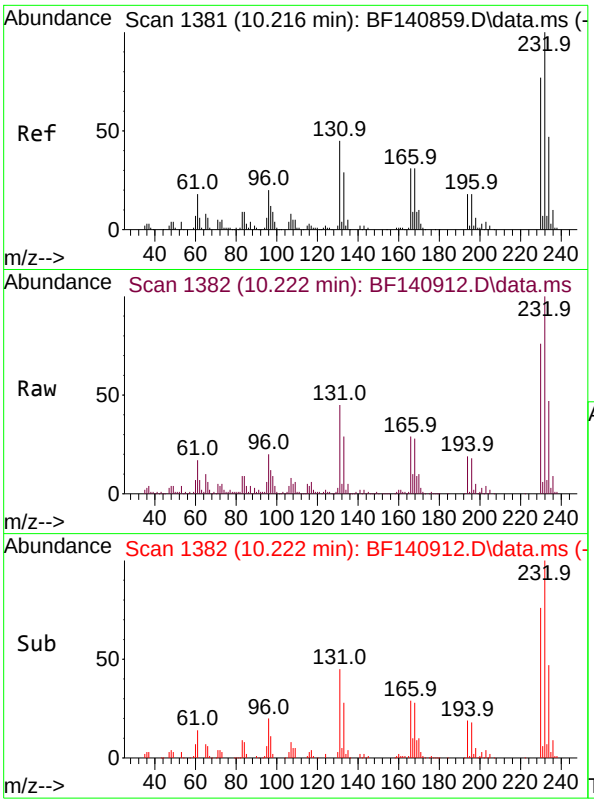


#58
Fluorene
Concen: 48.855 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:166 Resp: 500319

Ion	Ratio	Lower	Upper
166	100		
165	93.9	75.1	112.7
167	13.6	11.1	16.7



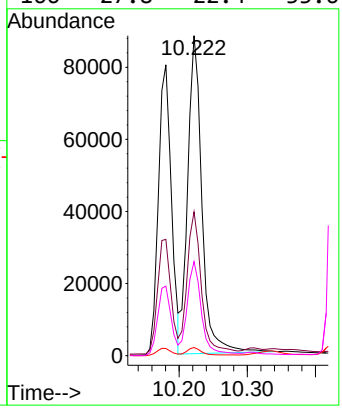


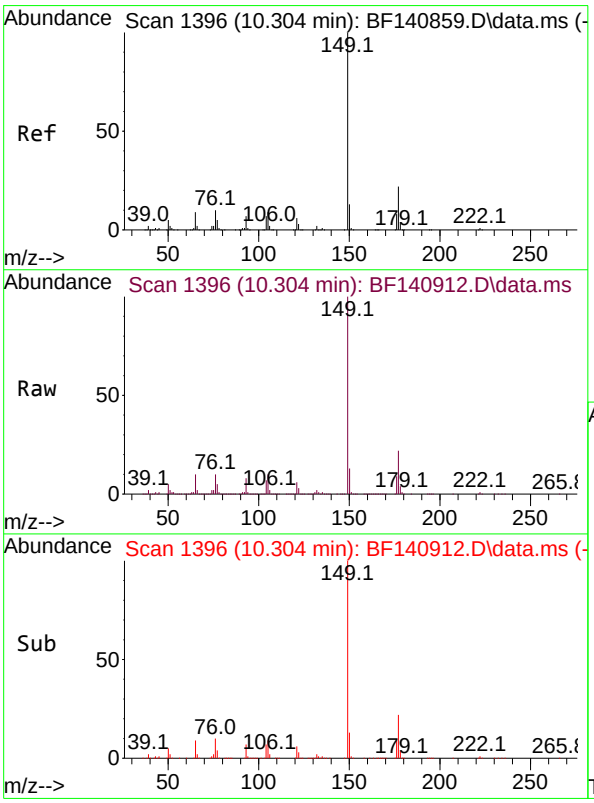
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.622 ng
RT: 10.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:232 Resp: 126796

Ion	Ratio	Lower	Upper
232	100		
131	42.7	35.1	52.7
130	2.5	1.8	2.8
166	27.8	22.4	33.6

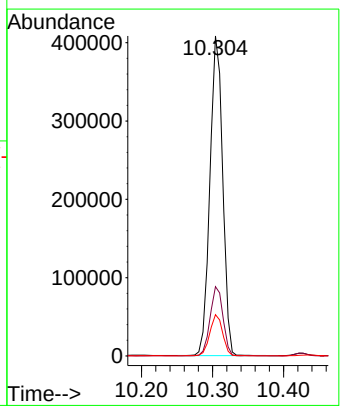


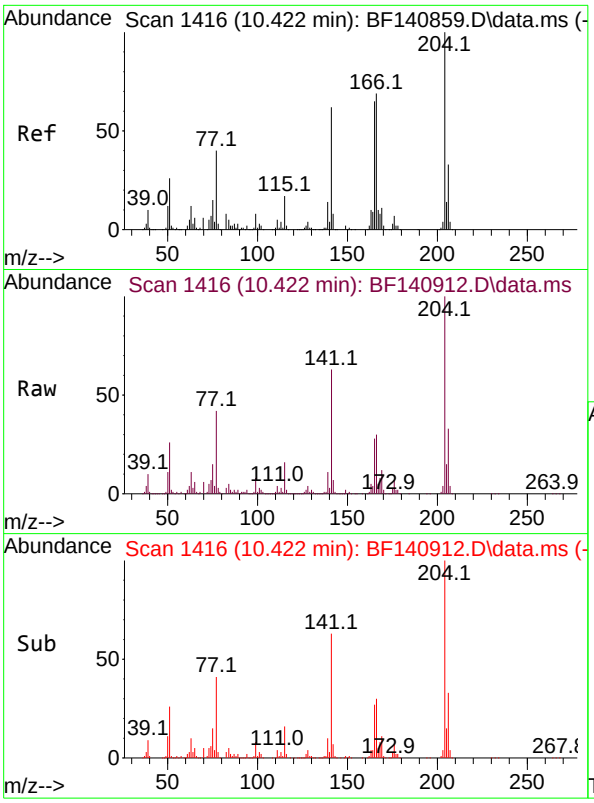


#60
Diethylphthalate
Concen: 49.748 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:149 Resp: 510205

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.2	25.8
150	12.9	10.1	15.1



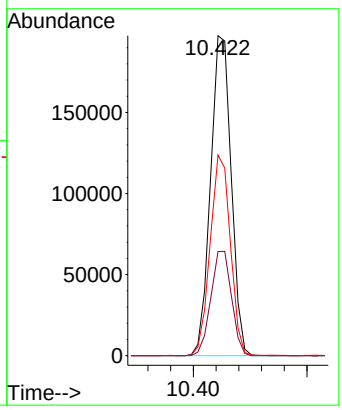


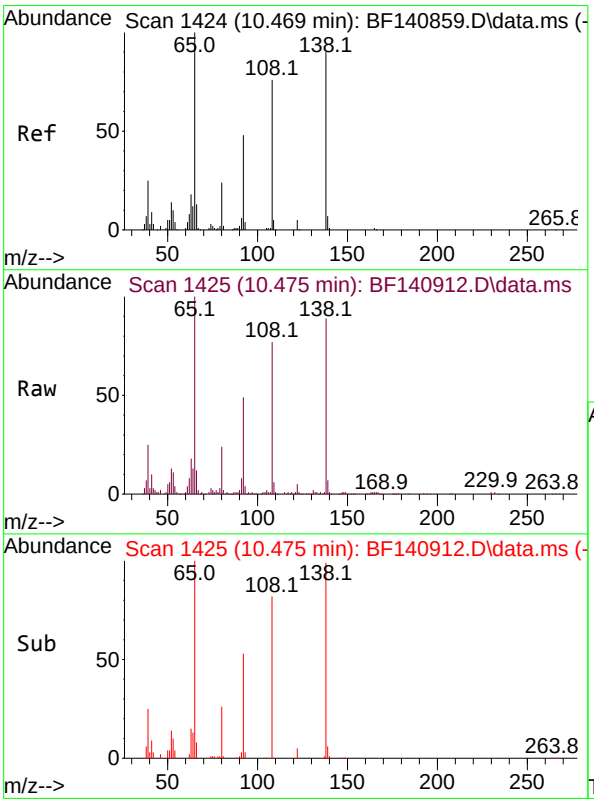
#61
4-Chlorophenyl-phenylether
Concen: 48.346 ng
RT: 10.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:204 Resp: 248701

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	62.7	50.0	75.0

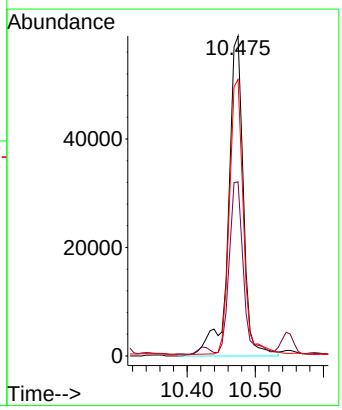


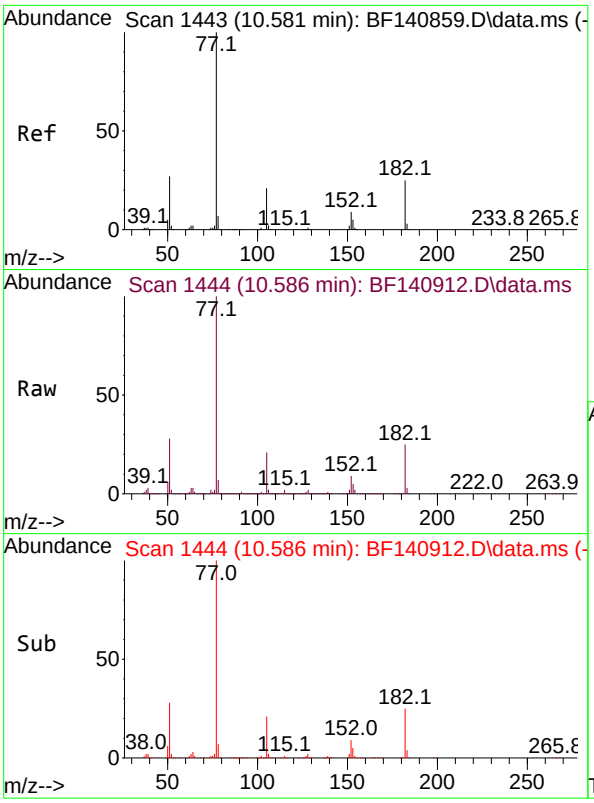


#62
4-Nitroaniline
Concen: 38.579 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:138 Resp: 90457

Ion	Ratio	Lower	Upper
138	100		
92	54.4	32.6	72.6
108	86.4	64.1	104.1



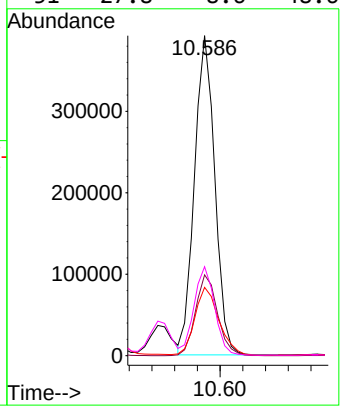


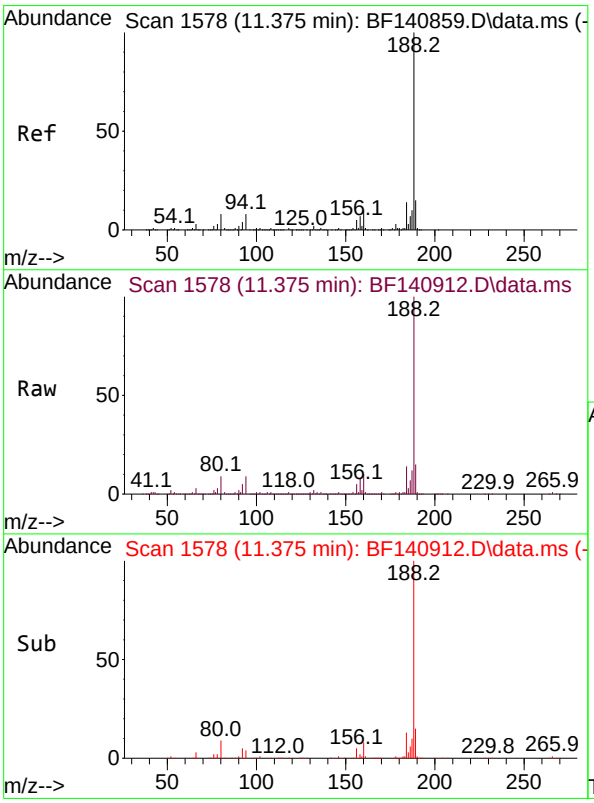
#63
Azobenzene
Concen: 50.643 ng
RT: 10.586 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion: 77 Resp: 488284

Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.5	44.5
105	21.4	0.9	40.9
51	27.8	8.6	48.6

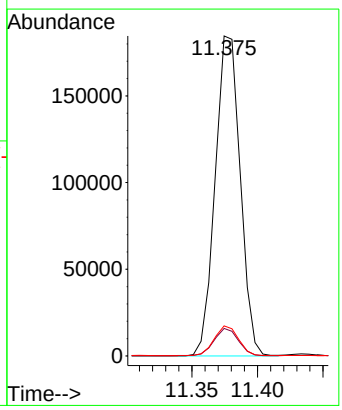


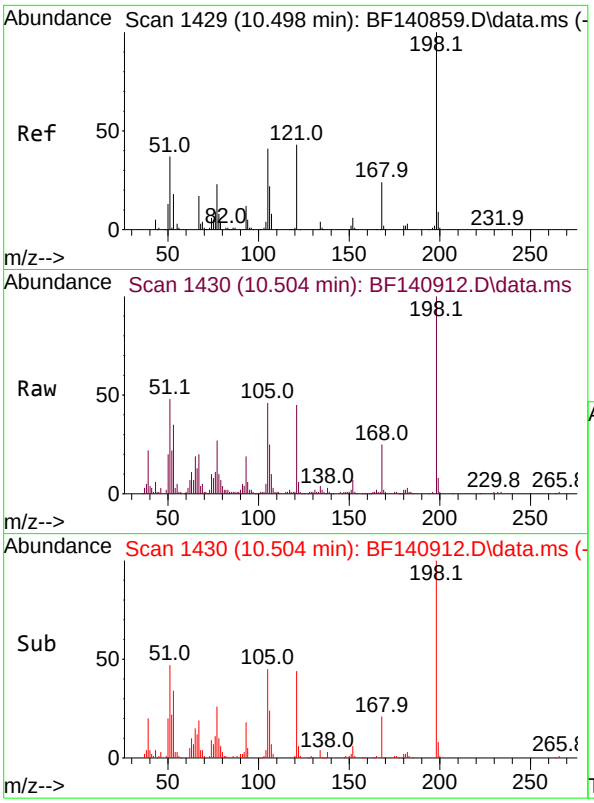


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:188 Resp: 244956

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.4	9.6
80	9.4	6.8	10.2



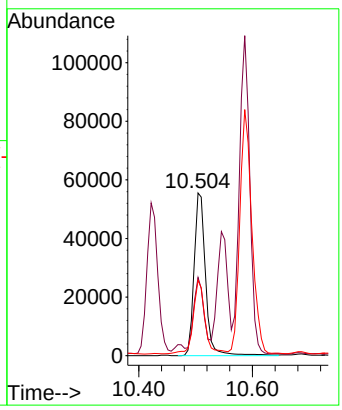


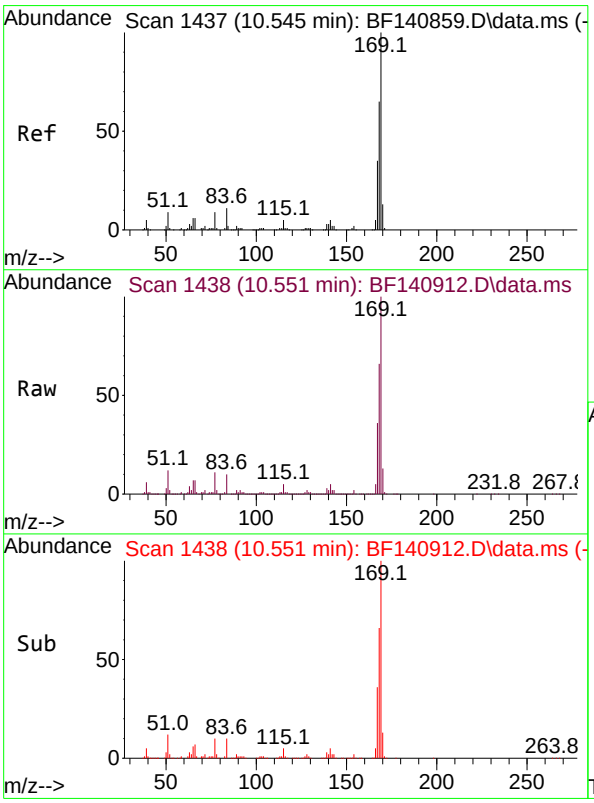
#65
4,6-Dinitro-2-methylphenol
Concen: 56.538 ng
RT: 10.504 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:198 Resp: 78478

Ion	Ratio	Lower	Upper
198	100		
51	48.1	24.4	64.4
105	46.3	22.1	62.1

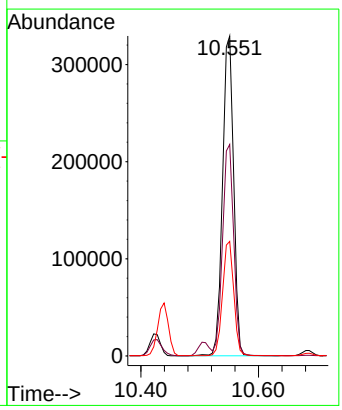


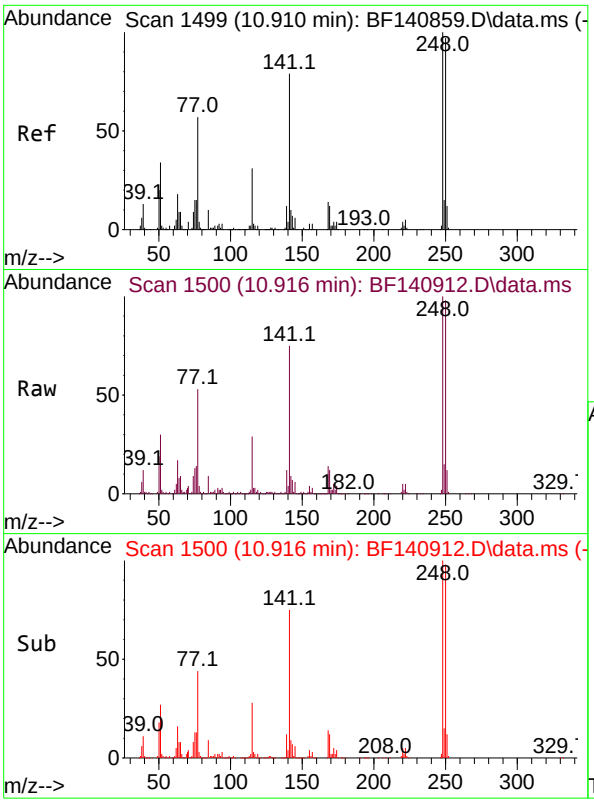


#66
n-Nitrosodiphenylamine
Concen: 57.067 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:169 Resp: 429786

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.4	80.0
167	35.8	28.3	42.5



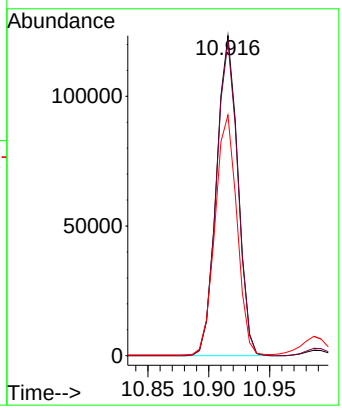


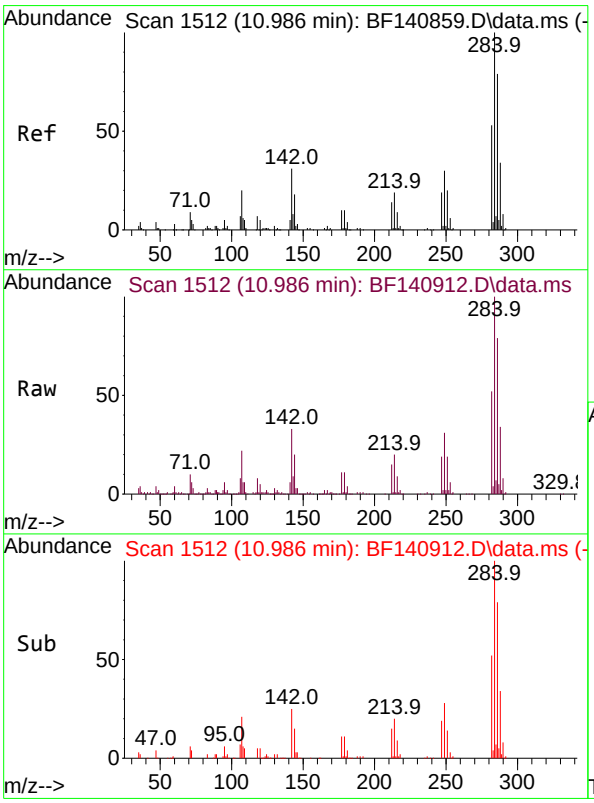
#67
4-Bromophenyl-phenylether
Concen: 54.989 ng
RT: 10.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:248 Resp: 150690

Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.4	116.2
141	75.2	62.9	94.3

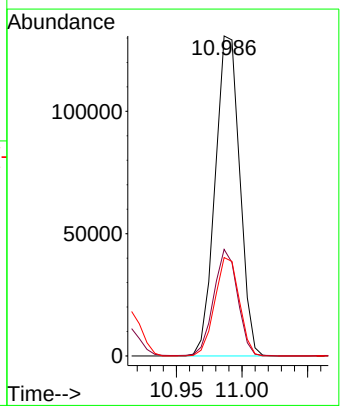


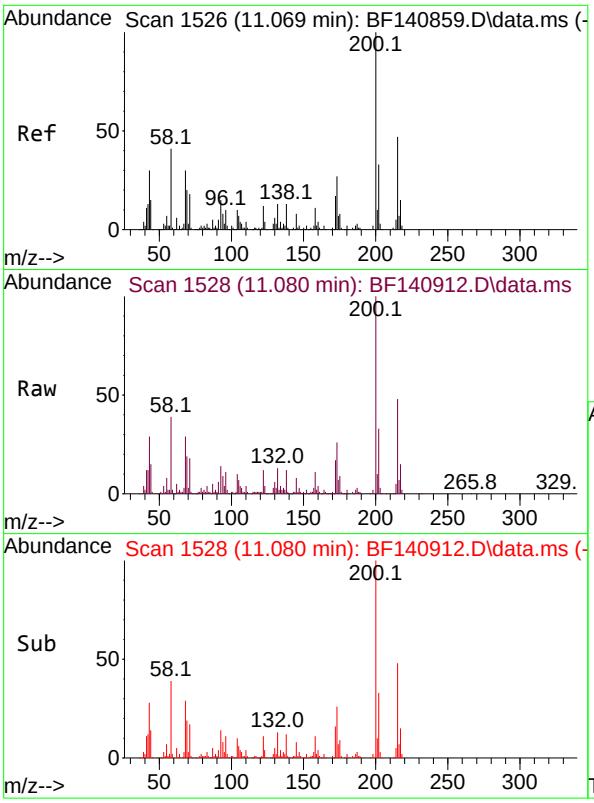


#68
Hexachlorobenzene
Concen: 54.711 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:284 Resp: 169988

Ion	Ratio	Lower	Upper
284	100		
142	33.3	24.6	36.8
249	30.8	24.3	36.5



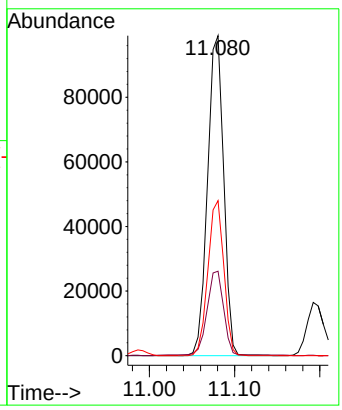


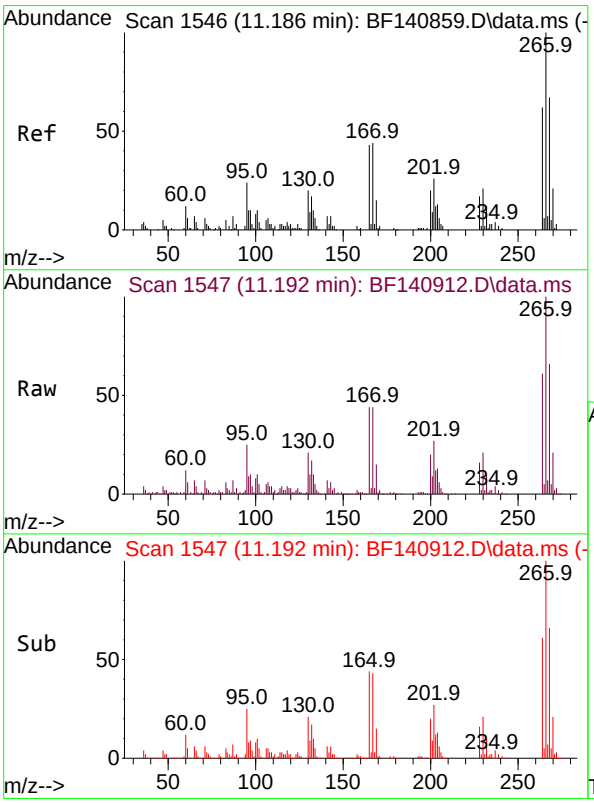
#69
Atrazine
Concen: 61.933 ng
RT: 11.080 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:200 Resp: 130269

Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.6	46.6
215	48.4	26.7	66.7

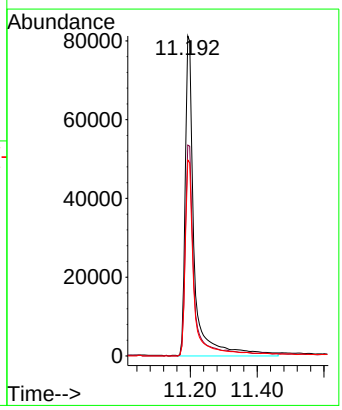


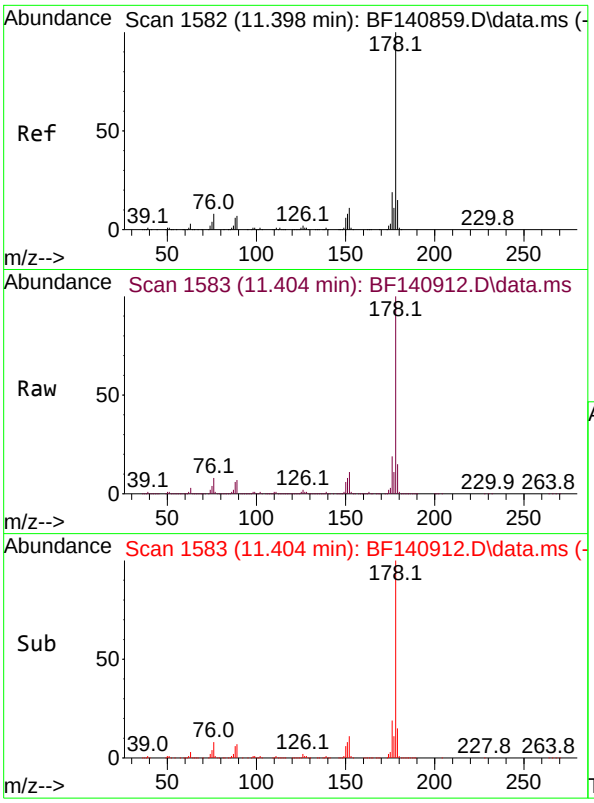


#70
Pentachlorophenol
Concen: 133.750 ng
RT: 11.192 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:266 Resp: 151933

Ion	Ratio	Lower	Upper
266	100		
268	65.9	54.0	81.0
264	61.3	49.4	74.2



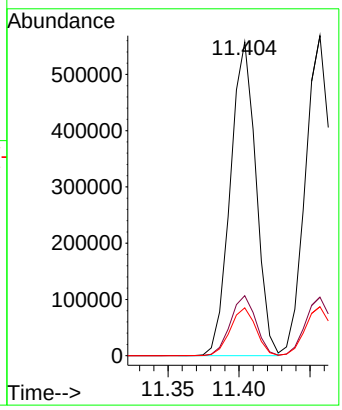


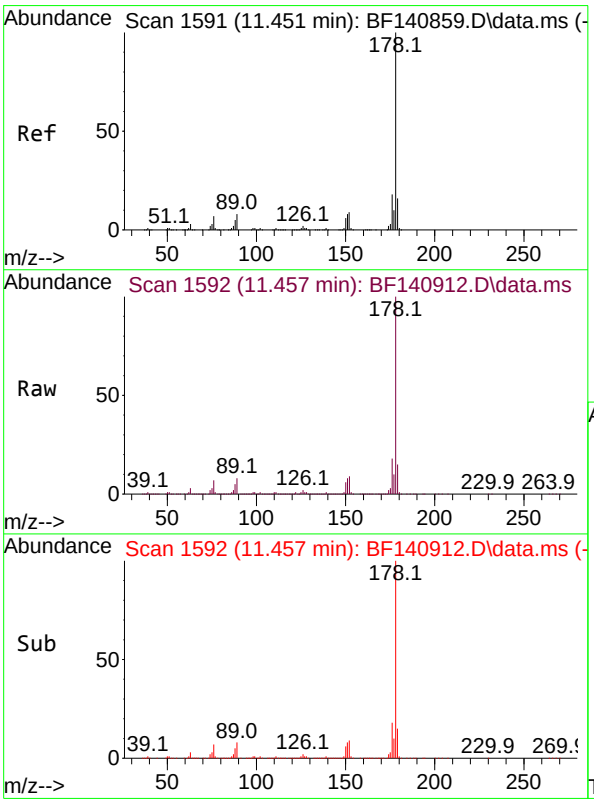
#71
Phenanthrene
Concen: 55.529 ng
RT: 11.404 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:178 Resp: 699482

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.2	12.1	18.1

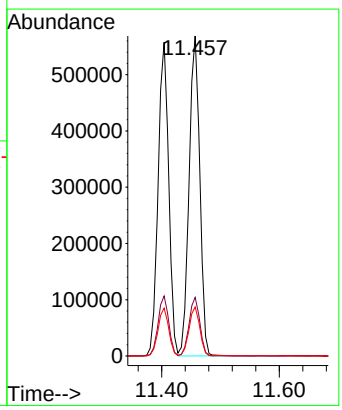


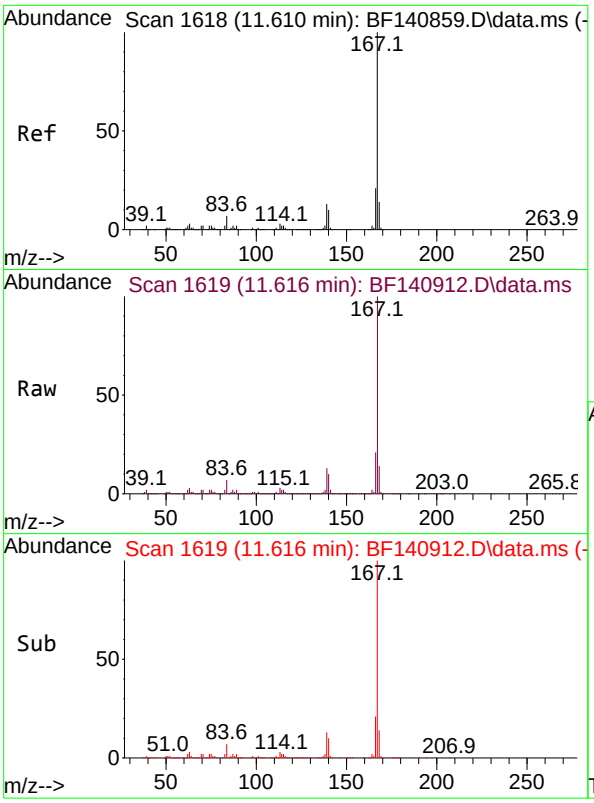


#72
Anthracene
Concen: 57.811 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:178 Resp: 717157

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.3	12.6	18.8



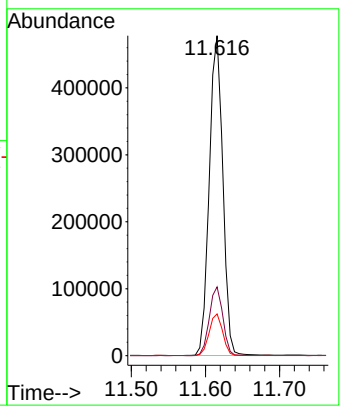


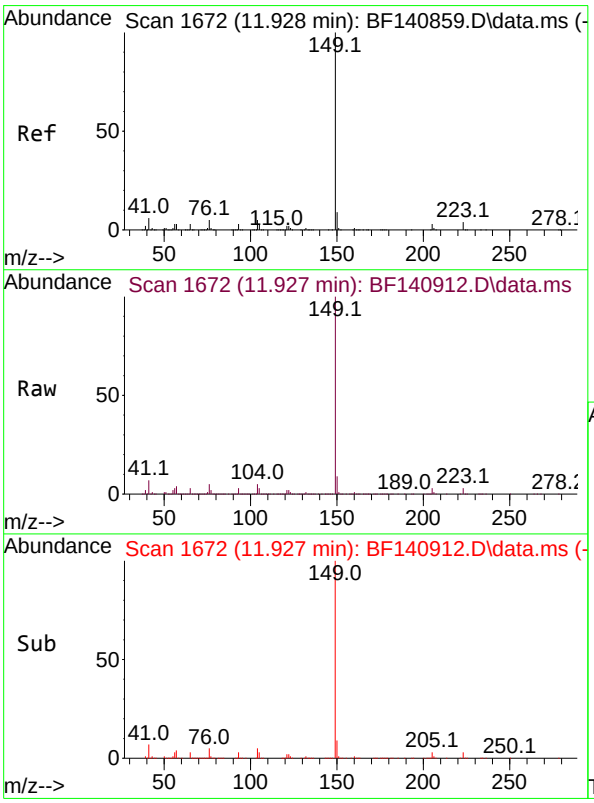
#73
Carbazole
Concen: 49.904 ng
RT: 11.616 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:167 Resp: 606371

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.0	10.2	15.2

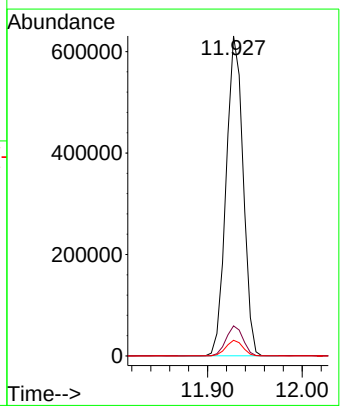


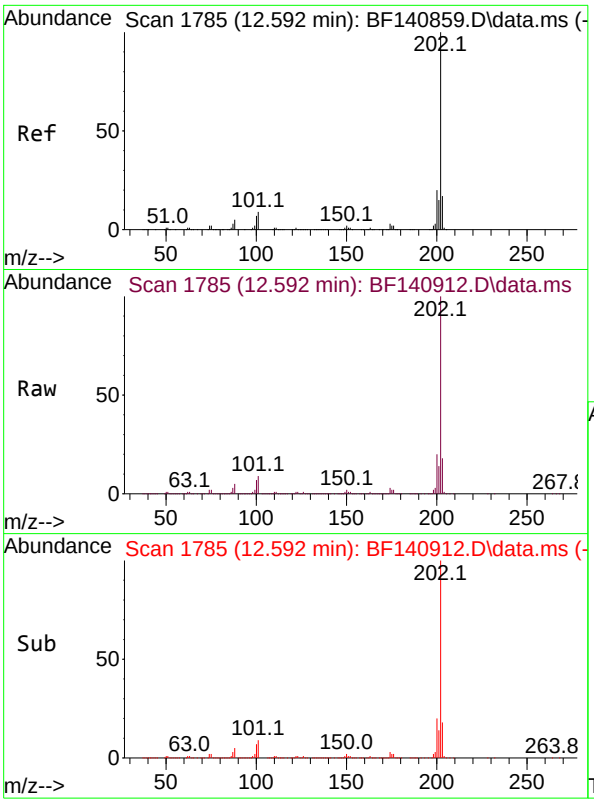


#74
Di-n-butylphthalate
Concen: 55.044 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:149 Resp: 784943

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.9	3.8	5.8



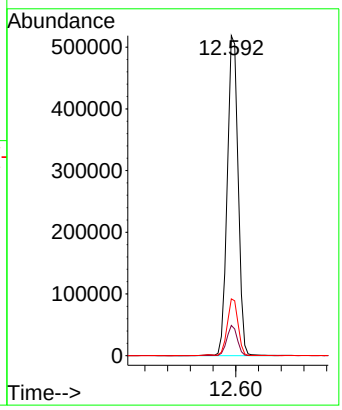


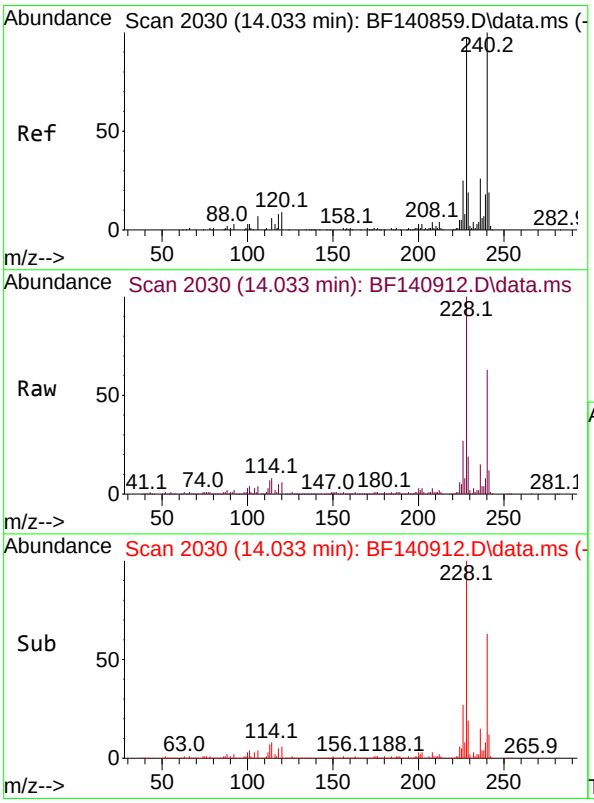
#75
Fluoranthene
Concen: 47.659 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:202 Resp: 691399

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.3
203	17.7	0.0	37.4

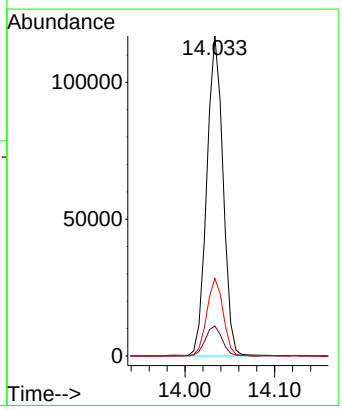


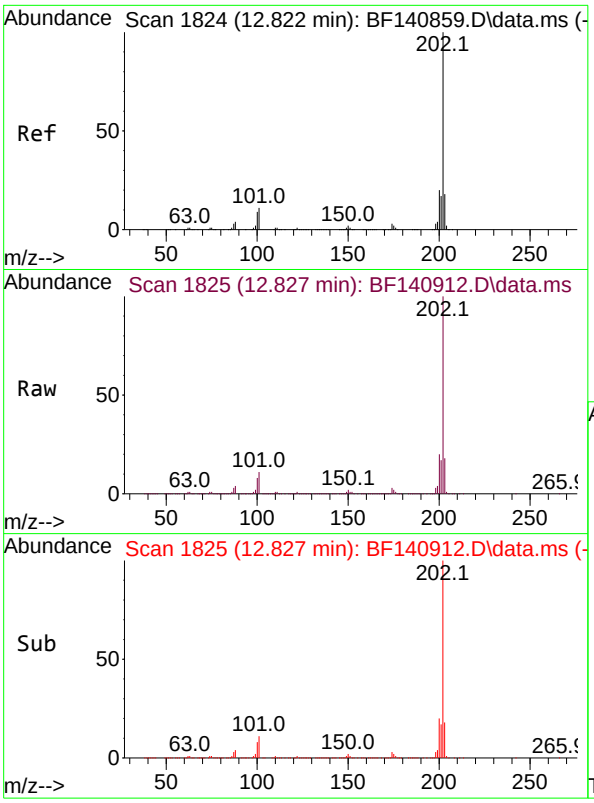


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:240 Resp: 147078

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.6	11.4
236	24.2	20.5	30.7



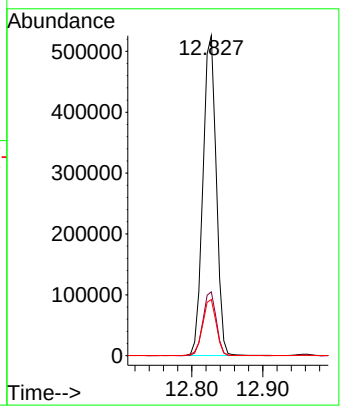


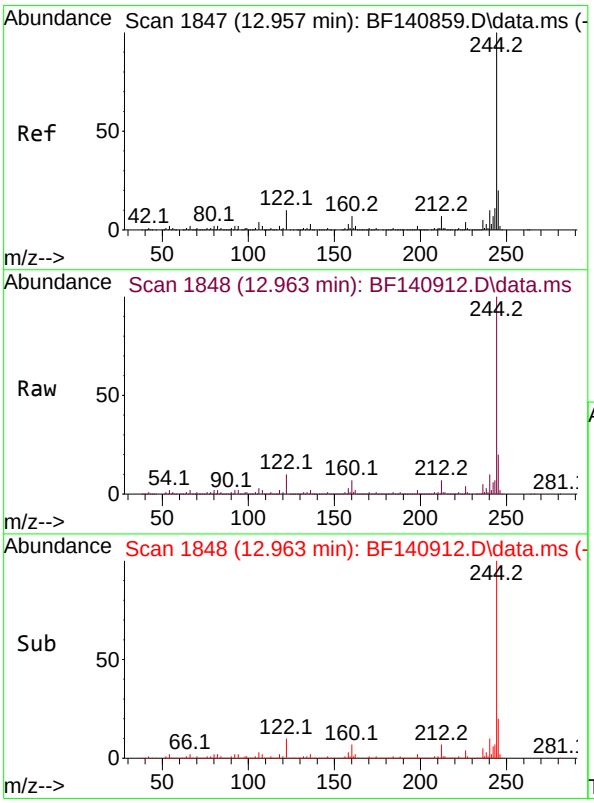
#78
Pyrene
Concen: 52.484 ng
RT: 12.827 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:202 Resp: 686440

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.5	14.2	21.4

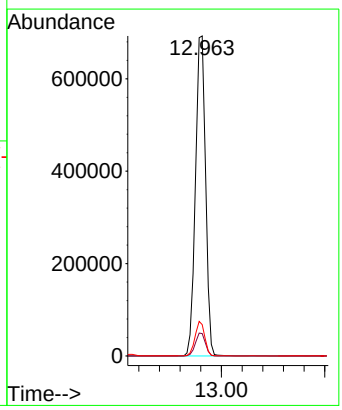


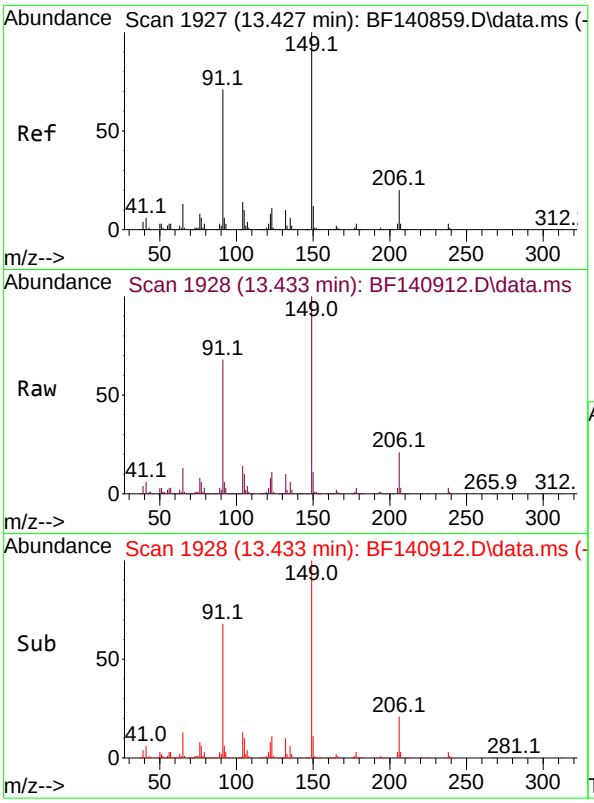


#79
Terphenyl-d14
Concen: 100.923 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:244 Resp: 941335

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	9.8	8.2	12.2



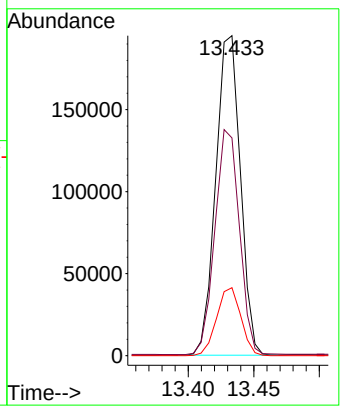


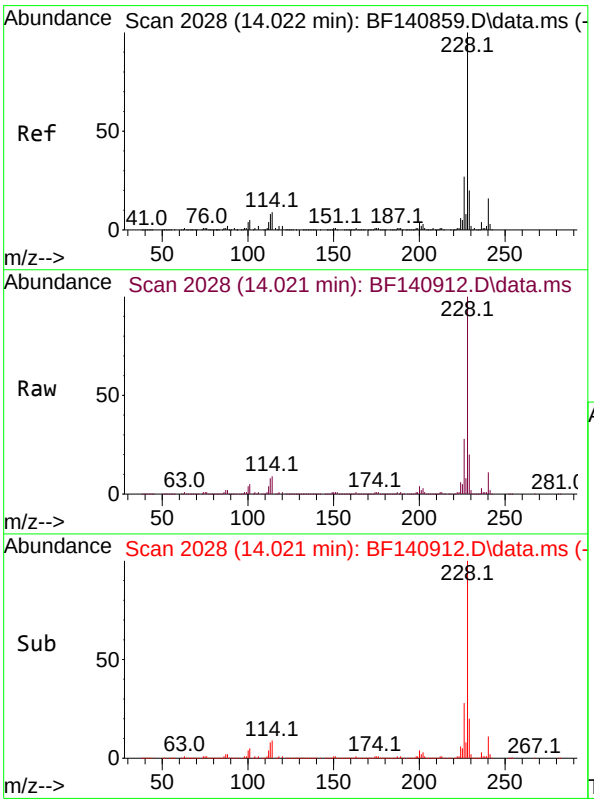
#80
Butylbenzylphthalate
Concen: 52.833 ng
RT: 13.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:149 Resp: 254258

Ion	Ratio	Lower	Upper
149	100		
91	68.0	56.7	85.1
206	21.2	16.4	24.6

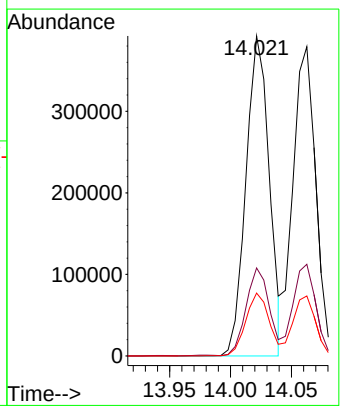


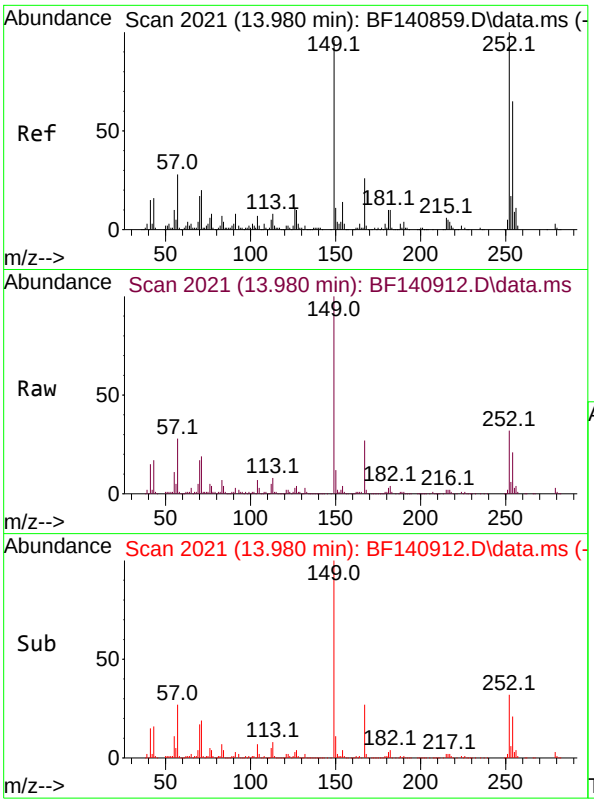


#81
Benzo(a)anthracene
Concen: 50.161 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:228 Resp: 522877

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	19.7	15.8	23.8



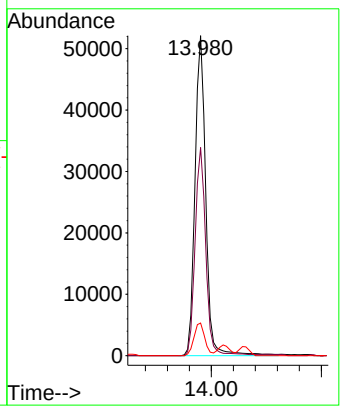


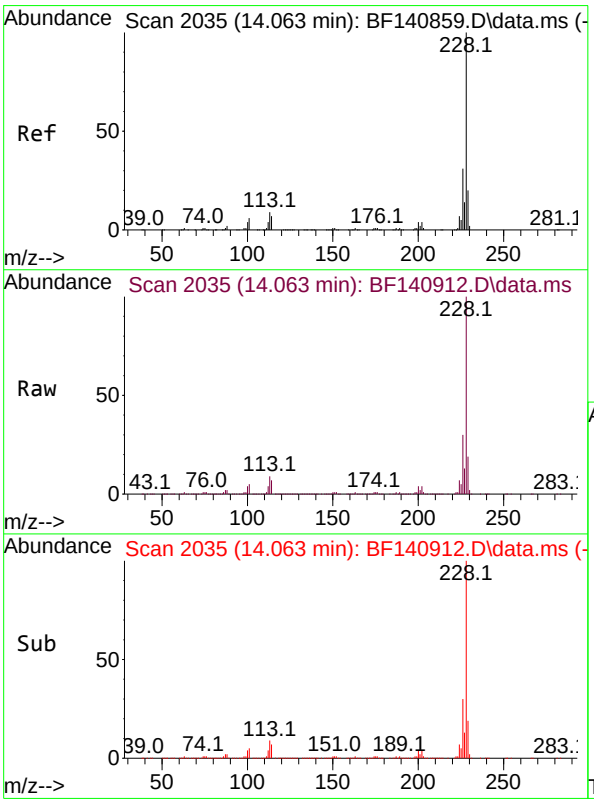
#82
3,3'-Dichlorobenzidine
Concen: 22.613 ng
RT: 13.980 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:252 Resp: 71117

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.3	78.5
126	10.2	8.4	12.6

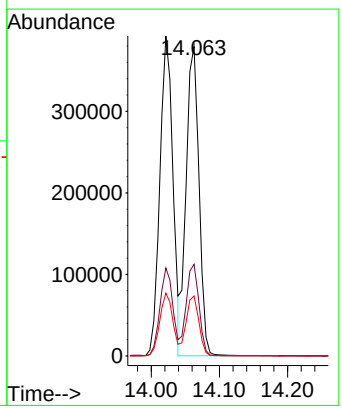


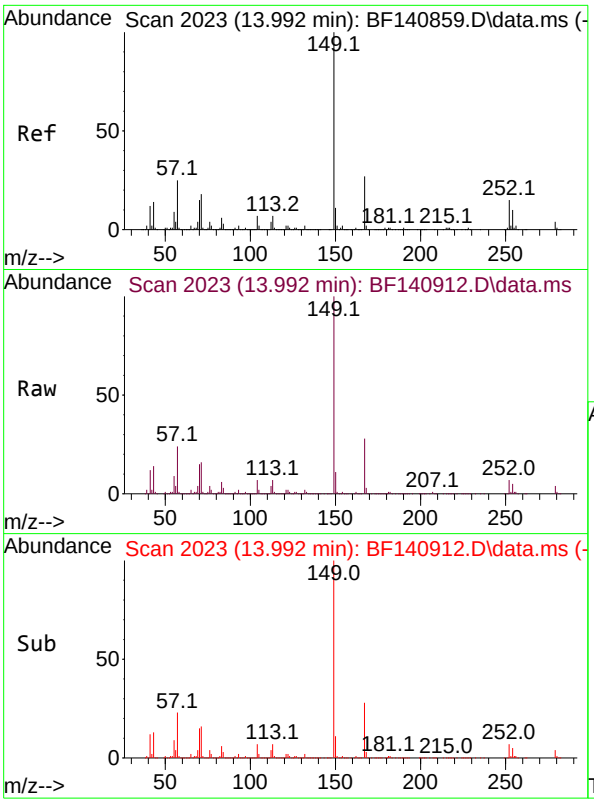


#83
Chrysene
Concen: 52.167 ng
RT: 14.063 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:228 Resp: 494484

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.4	16.0	24.0



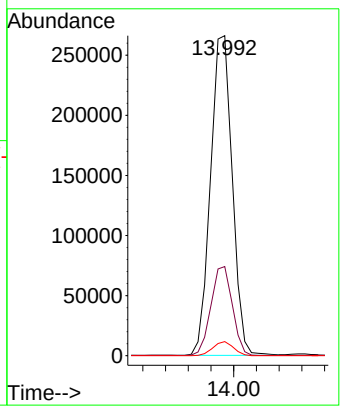


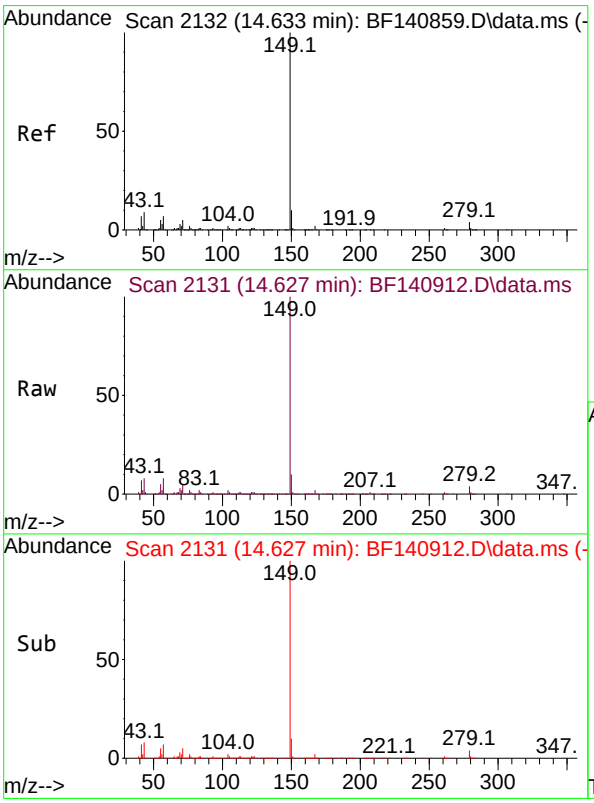
#84
Bis(2-ethylhexyl)phthalate
Concen: 57.040 ng
RT: 13.992 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:149 Resp: 353952

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.8
279	4.4	3.5	5.3

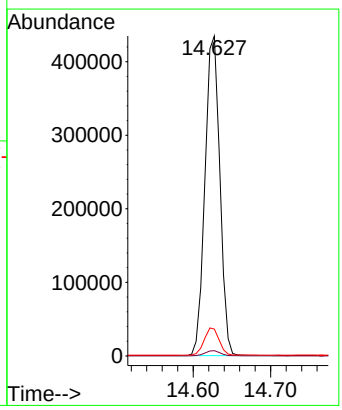


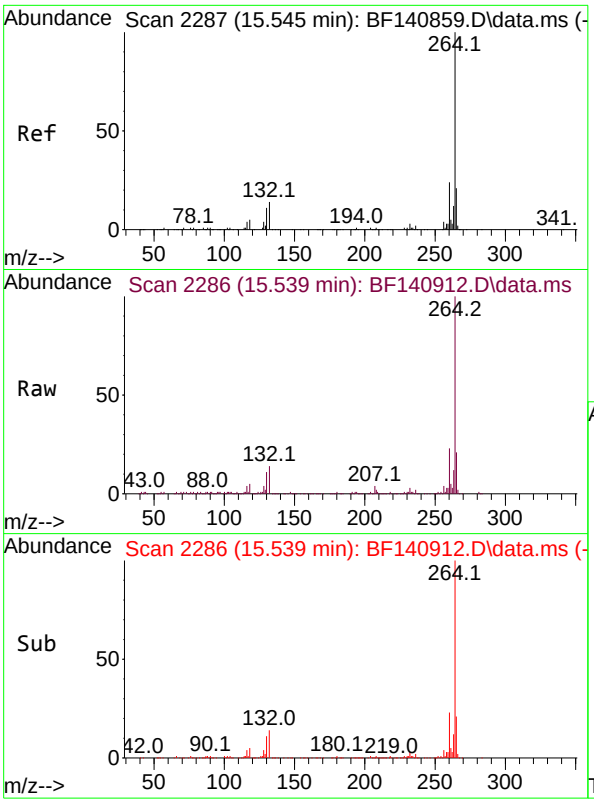


#85
Di-n-octyl phthalate
Concen: 61.731 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:149 Resp: 579524

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.6	7.0	10.6



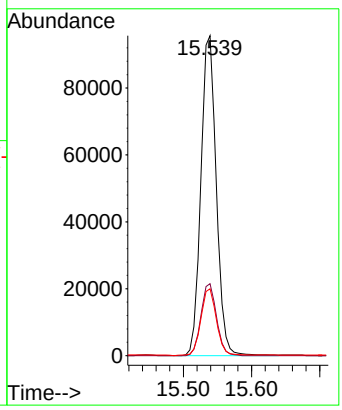


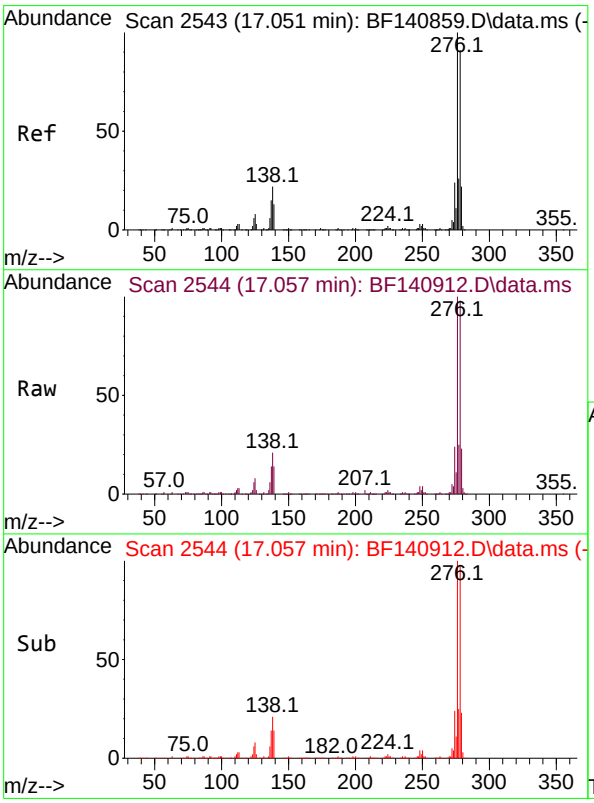
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:264 Resp: 150433

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.1	28.7
265	20.9	17.0	25.4

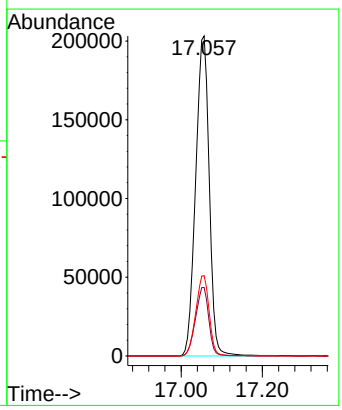


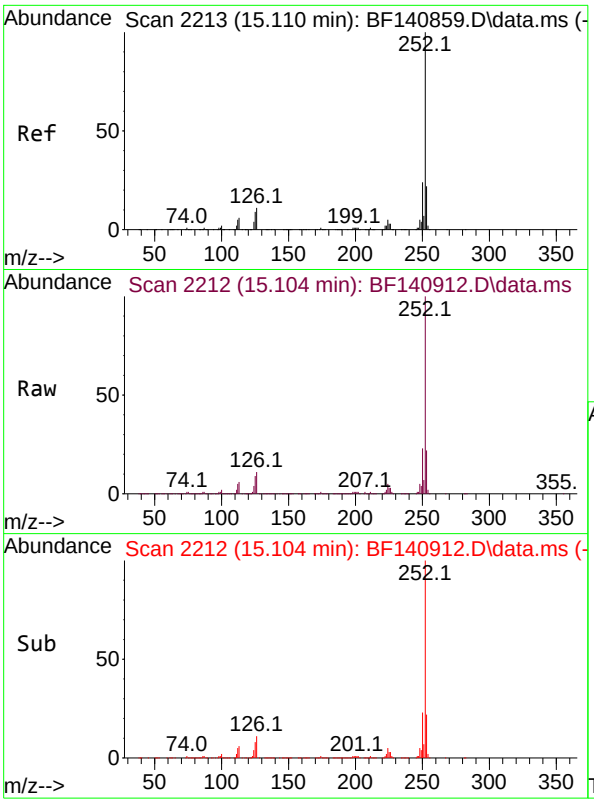


#87
Indeno(1,2,3-cd)pyrene
Concen: 50.452 ng
RT: 17.057 min Scan# 2544
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:276 Resp: 473624

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.9	25.3
277	24.7	20.2	30.4



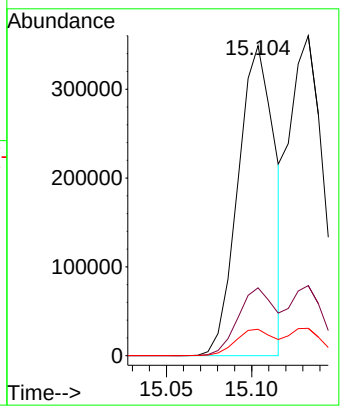


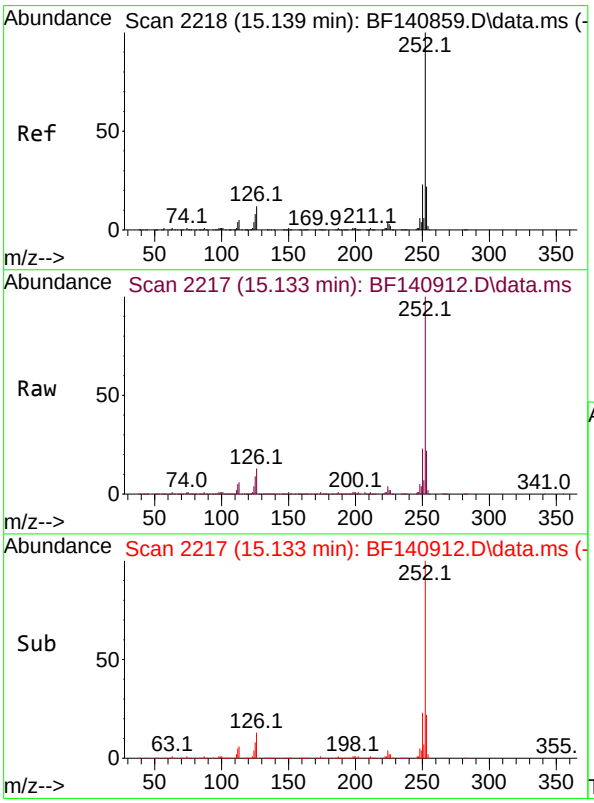
#88
Benzo(b)fluoranthene
Concen: 49.824 ng
RT: 15.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:252 Resp: 520276

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.5	7.0	10.4

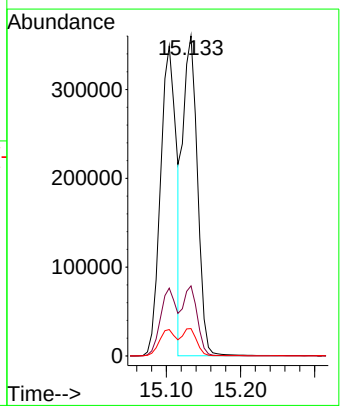


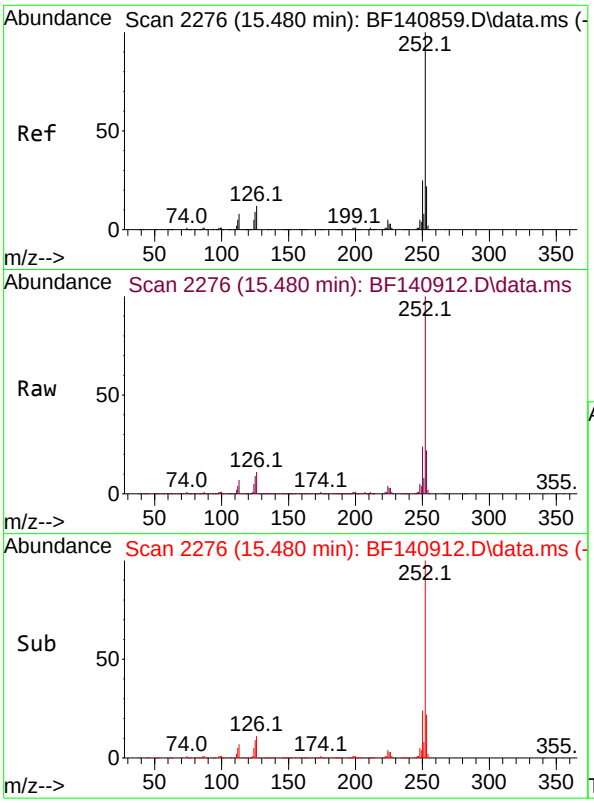


#89
Benzo(k)fluoranthene
Concen: 54.988 ng
RT: 15.133 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:252 Resp: 492548

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.6	6.8	10.2



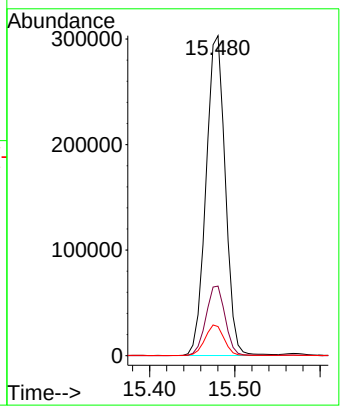


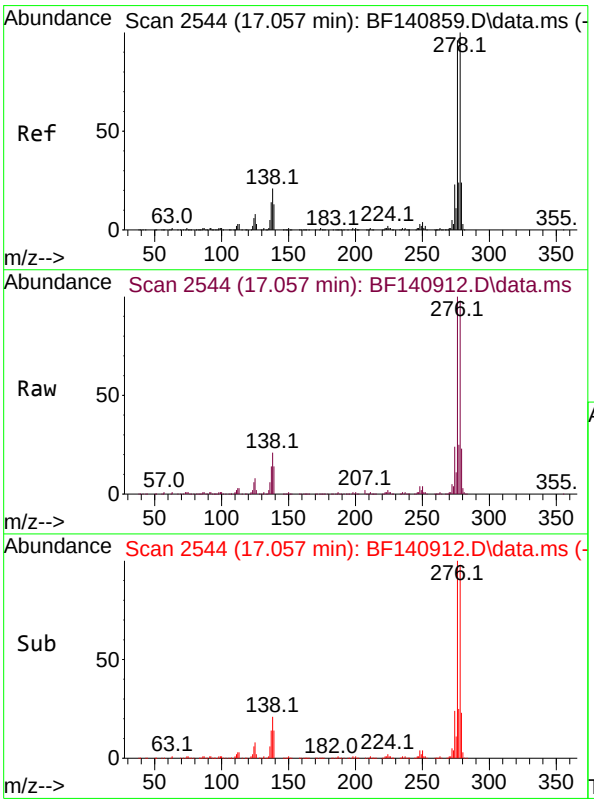
#90
Benzo(a)pyrene
Concen: 58.078 ng
RT: 15.480 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:252 Resp: 474880

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.1	7.5	11.3

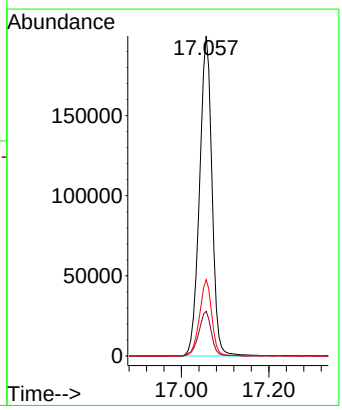


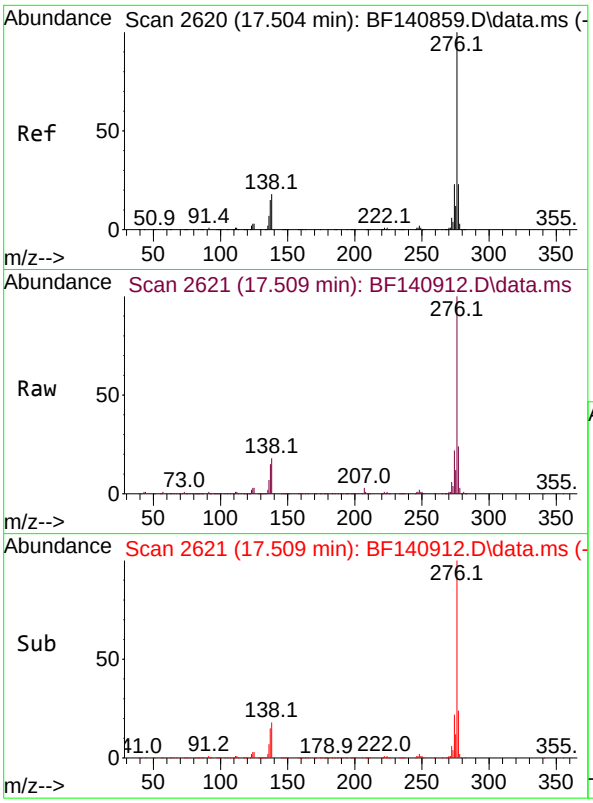


#91
Dibenzo(a,h)anthracene
Concen: 50.962 ng
RT: 17.057 min Scan# 2544
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:278 Resp: 396339

Ion	Ratio	Lower	Upper
278	100		
139	13.9	10.6	16.0
279	23.8	19.2	28.8



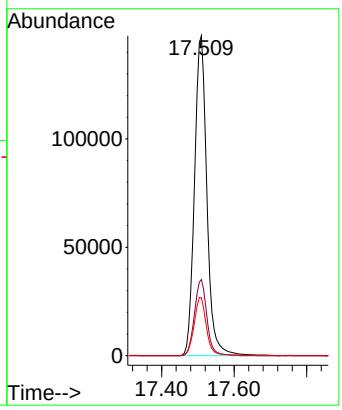


#92
Benzo(g,h,i)perylene
Concen: 44.319 ng
RT: 17.509 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:276 Resp: 350797

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	18.1	14.2	21.2



Raw Data: **BF140913.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213MSD	SDG No.:	P5291
Lab Sample ID:	P5291-09MSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140913.D	1	12/17/24 08:56	12/18/24 18:30	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	21.8		4.10	10.3	ug/L
108-95-2	Phenol	21.4		0.96	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	56.6		1.20	5.20	ug/L
95-57-8	2-Chlorophenol	48.1		0.73	5.20	ug/L
95-48-7	2-Methylphenol	44.6		1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	63.2		1.40	5.20	ug/L
98-86-2	Acetophenone	72.3		1.10	5.20	ug/L
65794-96-9	3+4-Methylphenols	40.8		1.20	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	64.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	69.2		1.00	5.20	ug/L
98-95-3	Nitrobenzene	58.8		1.30	5.20	ug/L
78-59-1	Isophorone	64.0		1.20	5.20	ug/L
88-75-5	2-Nitrophenol	62.0		2.00	5.20	ug/L
105-67-9	2,4-Dimethylphenol	96.2	E	1.60	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	63.6		1.10	5.20	ug/L
120-83-2	2,4-Dichlorophenol	59.4		0.91	5.20	ug/L
91-20-3	Naphthalene	66.5		1.10	5.20	ug/L
106-47-8	4-Chloroaniline	22.5		1.30	5.20	ug/L
87-68-3	Hexachlorobutadiene	52.7		1.30	5.20	ug/L
105-60-2	Caprolactam	10.1	J	1.70	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	54.5		0.87	5.20	ug/L
91-57-6	2-Methylnaphthalene	62.5		1.20	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	61.9		5.20	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	54.4		0.92	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	51.7		1.00	5.20	ug/L
92-52-4	1,1-Biphenyl	54.3		0.94	5.20	ug/L
91-58-7	2-Chloronaphthalene	52.3		1.00	5.20	ug/L
88-74-4	2-Nitroaniline	59.1		1.50	5.20	ug/L
131-11-3	Dimethylphthalate	57.2		0.96	5.20	ug/L

Raw Data: **BF140913.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213MSD	SDG No.:	P5291
Lab Sample ID:	P5291-09MSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140913.D	1	12/17/24 08:56	12/18/24 18:30	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	59.2		1.10	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	54.9		1.30	5.20	ug/L
99-09-2	3-Nitroaniline	28.8		1.40	5.20	ug/L
83-32-9	Acenaphthene	58.0		0.84	5.20	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.60	10.3	ug/L
100-02-7	4-Nitrophenol	29.2		2.10	10.3	ug/L
132-64-9	Dibenzofuran	56.7		0.96	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	54.9		1.60	5.20	ug/L
84-66-2	Diethylphthalate	52.0		1.10	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	51.5		1.00	5.20	ug/L
86-73-7	Fluorene	52.2		0.99	5.20	ug/L
100-01-6	4-Nitroaniline	42.1		2.10	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	68.7		3.20	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	70.4		0.92	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	69.4		0.98	5.20	ug/L
118-74-1	Hexachlorobenzene	66.3		1.20	5.20	ug/L
1912-24-9	Atrazine	77.7		1.30	5.20	ug/L
87-86-5	Pentachlorophenol	160	E	1.90	10.3	ug/L
85-01-8	Phenanthrene	63.8		0.92	5.20	ug/L
120-12-7	Anthracene	65.7		1.10	5.20	ug/L
86-74-8	Carbazole	57.1		1.20	5.20	ug/L
84-74-2	Di-n-butylphthalate	63.2		1.50	5.20	ug/L
206-44-0	Fluoranthene	55.0		1.30	5.20	ug/L
129-00-0	Pyrene	57.4		1.10	5.20	ug/L
85-68-7	Butylbenzylphthalate	59.7		2.20	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	25.7		1.30	10.3	ug/L
56-55-3	Benzo(a)anthracene	58.7		0.97	5.20	ug/L
218-01-9	Chrysene	56.2		0.89	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	63.8		1.90	5.20	ug/L
117-84-0	Di-n-octyl phthalate	64.7		2.60	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	55.6		1.20	5.20	ug/L

Raw Data: **BF140913.D**

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213MSD	SDG No.:	P5291
Lab Sample ID:	P5291-09MSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140913.D	1	12/17/24 08:56	12/18/24 18:30	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	65.7		1.20	5.20	ug/L
50-32-8	Benzo(a)pyrene	66.0		1.70	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	57.2		1.10	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.4		1.20	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	47.2		1.20	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	52.9		1.10	5.20	ug/L
123-91-1	1,4-Dioxane	17.4		1.30	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	63.7		0.81	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	64.4		10 - 139	43%	SPK: 150
13127-88-3	Phenol-d6	45.4		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	117		49 - 133	117%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.8		52 - 132	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	152		44 - 137	101%	SPK: 150
1718-51-0	Terphenyl-d14	109		48 - 125	109%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	62100	6.845			
1146-65-2	Naphthalene-d8	234000	8.128			
15067-26-2	Acenaphthene-d10	146000	9.886			
1517-22-2	Phenanthrene-d10	224000	11.38			
1719-03-5	Chrysene-d12	148000	14.033			
1520-96-3	Perylene-d12	143000	15.539			

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: **BF140913.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140913.D
Acq On : 18 Dec 2024 18:30
Operator : RC/JU
Sample : P5291-09MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Quant Time: Dec 19 00:16:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	62132	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	234141	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	146078	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	223868	20.000	ng		0.00
76) Chrysene-d12	14.033	240	147858	20.000	ng		0.00
86) Perylene-d12	15.539	264	142833	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	243248	64.448	ng		0.00
7) Phenol-d6	6.504	99	226898	45.388	ng		0.00
23) Nitrobenzene-d5	7.416	82	546214	116.715	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	261838	151.554	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1038792	97.769	ng		0.00
79) Terphenyl-d14	12.957	244	1020134	108.795	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	27487	16.908	ng		95
3) Pyridine	3.422	79	51644	13.717	ng		97
4) n-Nitrosodimethylamine	3.346	42	38444	20.255	ng		95
6) Aniline	6.516	93	134364	31.435	ng		83
8) 2-Chlorophenol	6.645	128	191915	46.628	ng		98
9) Benzaldehyde	6.404	77	58670	21.181	ng	#	25
10) Phenol	6.516	94	107718	20.790	ng	#	65
11) bis(2-Chloroethyl)ether	6.581	93	212044	54.878	ng		98
12) 1,3-Dichlorobenzene	6.787	146	225300	48.039	ng		99
13) 1,4-Dichlorobenzene	6.863	146	233627	49.075	ng		99
14) 1,2-Dichlorobenzene	7.016	146	229472	51.088	ng		98
15) Benzyl Alcohol	6.998	79	148421	41.524	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	278855	61.262	ng		93
17) 2-Methylphenol	7.122	107	142010	43.216	ng		93
18) Hexachloroethane	7.357	117	118942	67.113	ng		95
19) n-Nitroso-di-n-propyla...	7.263	70	186839	62.307	ng		100
20) 3+4-Methylphenols	7.275	107	172555	39.601	ng	#	84
22) Acetophenone	7.263	105	410828	70.142	ng		94
24) Nitrobenzene	7.439	77	273509	57.048	ng		97
25) Isophorone	7.675	82	486799	62.080	ng		100
26) 2-Nitrophenol	7.751	139	132753	60.120	ng		97
27) 2,4-Dimethylphenol	7.792	122	240560	93.285	ng		99
28) bis(2-Chloroethoxy)met...	7.881	93	301928	61.649	ng		98
29) 2,4-Dichlorophenol	8.004	162	205141	57.620	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	207519	50.846	ng		100
31) Naphthalene	8.151	128	829722	64.512	ng		100
32) Benzoic acid	7.934	122	53466	21.861	ng	#	87
33) 4-Chloroaniline	8.210	127	93281	21.837	ng		99
34) Hexachlorobutadiene	8.263	225	140317	51.100	ng		100
35) Caprolactam	8.669	113	10428	9.839	ng	#	87
36) 4-Chloro-3-methylphenol	8.698	107	211675	52.825	ng		99
37) 2-Methylnaphthalene	8.845	142	515739	60.619	ng		100
38) 1-Methylnaphthalene	8.945	142	448664	53.322	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	230524	51.343	ng		99
41) Hexachlorocyclopentadiene	8.992	237	79958	60.019	ng		100
43) 2,4,6-Trichlorophenol	9.133	196	144964	52.728	ng		99

Sample Results: **BF140913.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140913.D
Acq On : 18 Dec 2024 18:30
Operator : RC/JU
Sample : P5291-09MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Quant Time: Dec 19 00:16:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	151686	50.197 ng	99
46) 1,1'-Biphenyl	9.310	154	611751	52.665 ng	99
47) 2-Chloronaphthalene	9.333	162	450788	50.728 ng	99
48) 2-Nitroaniline	9.439	65	153798	57.306 ng	99
49) Acenaphthylene	9.751	152	749641	57.404 ng	100
50) Dimethylphthalate	9.610	163	571367	55.479 ng	100
51) 2,6-Dinitrotoluene	9.681	165	125408	53.265 ng	98
52) Acenaphthene	9.922	154	469069	56.231 ng	99
53) 3-Nitroaniline	9.857	138	65160	27.888 ng	100
54) 2,4-Dinitrophenol	9.975	184	136957	116.014 ng	99
55) Dibenzofuran	10.092	168	711446	55.039 ng	99
56) 4-Nitrophenol	10.057	139	31796	28.336 ng	95
57) 2,4-Dinitrotoluene	10.092	165	164882	53.226 ng	97
58) Fluorene	10.439	166	539522	50.593 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	152084	61.764 ng	97
60) Diethylphthalate	10.304	149	538247	50.400 ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	267481	49.933 ng	98
62) 4-Nitroaniline	10.475	138	99619m	40.801 ng	
63) Azobenzene	10.586	77	535961	53.383 ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	84509	66.618 ng	97
66) n-Nitrosodiphenylamine	10.551	169	470169	68.309 ng	99
67) 4-Bromophenyl-phenylether	10.916	248	168484	67.273 ng	98
68) Hexachlorobenzene	10.992	284	182549	64.288 ng	100
69) Atrazine	11.080	200	144914	75.385 ng	98
70) Pentachlorophenol	11.198	266	161812	155.865 ng	98
71) Phenanthrene	11.404	178	711972	61.845 ng	99
72) Anthracene	11.457	178	722802	63.754 ng	99
73) Carbazole	11.616	167	615128	55.394 ng	100
74) Di-n-butylphthalate	11.927	149	799287	61.330 ng	100
75) Fluoranthene	12.592	202	707830	53.388 ng	99
78) Pyrene	12.827	202	732176	55.686 ng	100
80) Butylbenzylphthalate	13.433	149	280186	57.914 ng	99
81) Benzo(a)anthracene	14.021	228	596198	56.894 ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	78686	24.888 ng	100
83) Chrysene	14.063	228	519422	54.509 ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	385908	61.862 ng	100
85) Di-n-octyl phthalate	14.627	149	592378	62.767 ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	494215	55.447 ng	100
88) Benzo(b)fluoranthene	15.104	252	534341	53.894 ng	100
89) Benzo(k)fluoranthene	15.133	252	542390	63.774 ng	99
90) Benzo(a)pyrene	15.474	252	497133	64.034 ng	99
91) Dibenzo(a,h)anthracene	17.057	278	411411	55.715 ng	99
92) Benzo(g,h,i)perylene	17.509	276	344200	45.799 ng	99

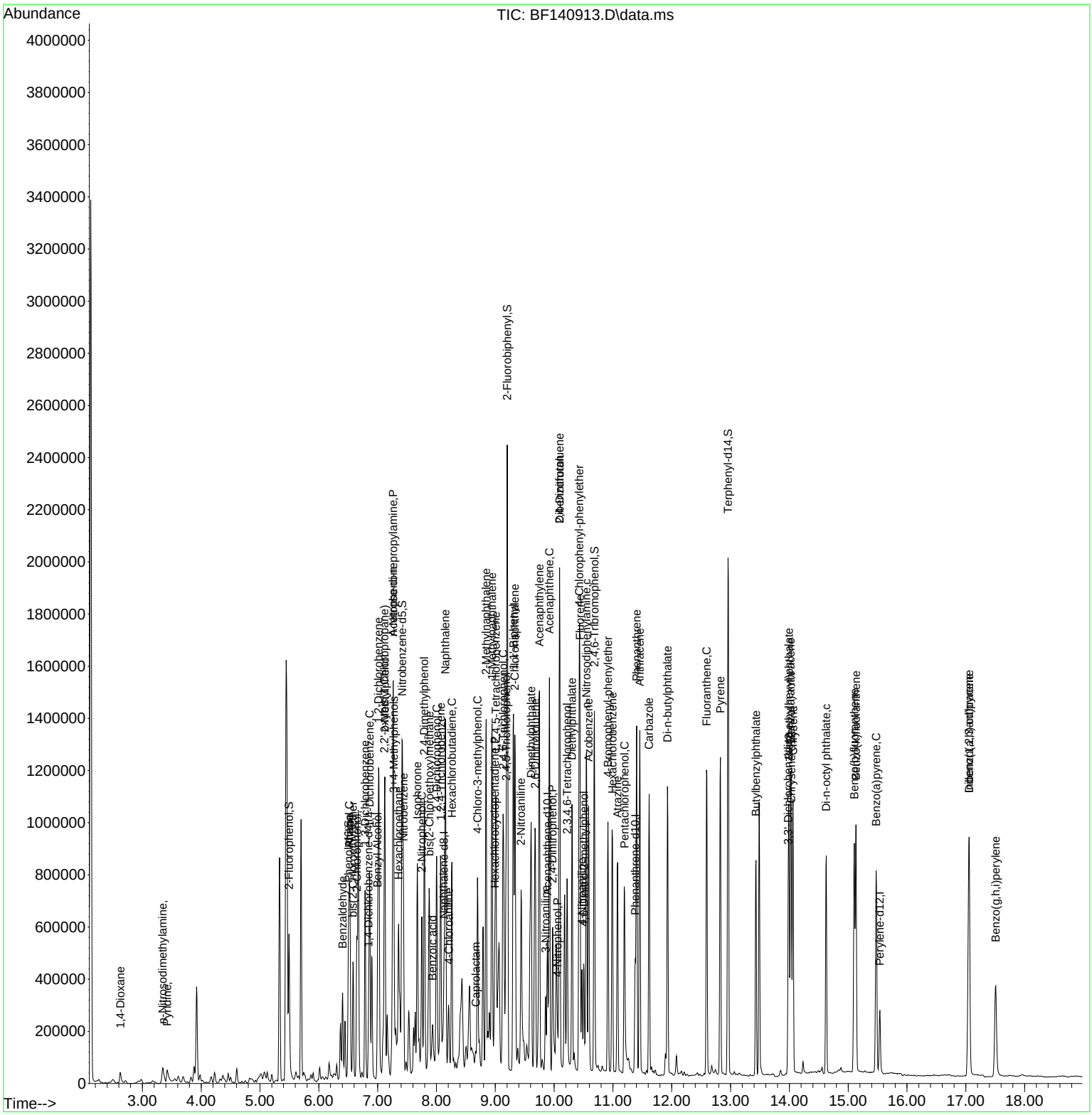
(#) = qualifier out of range (m) = manual integration (+) = signals summed

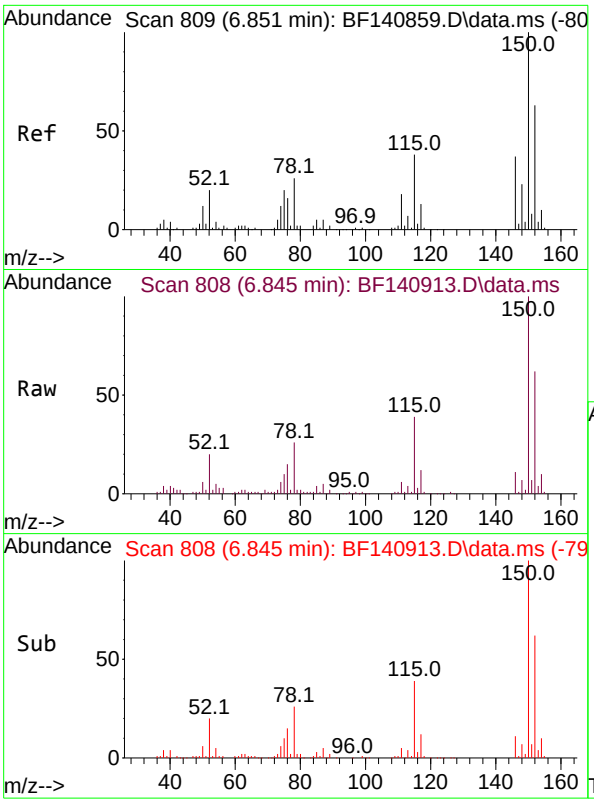
Sample Results: **BF140913.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140913.D
Acq On : 18 Dec 2024 18:30
Operator : RC/JU
Sample : P5291-09MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Quant Time: Dec 19 00:16:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



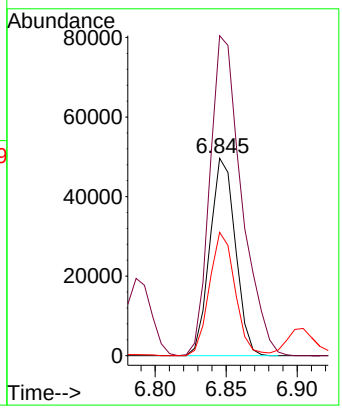


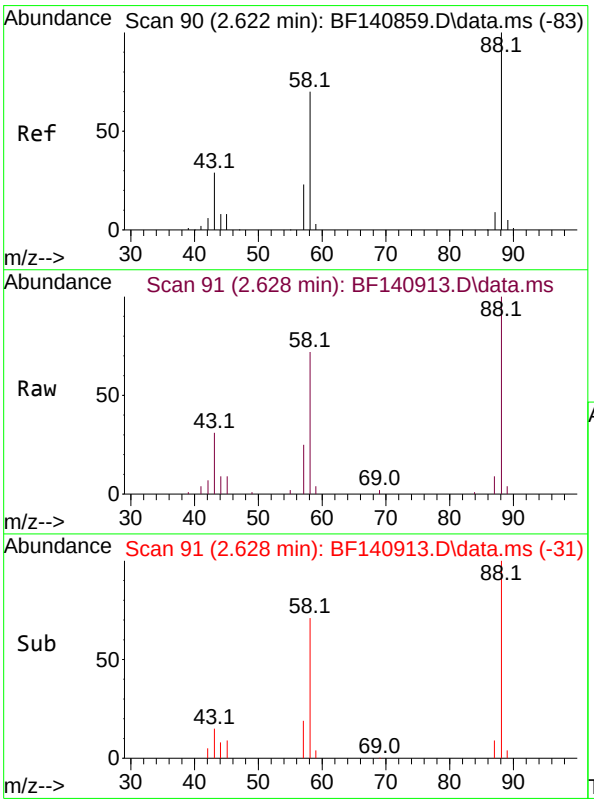
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:152 Resp: 62132

Ion	Ratio	Lower	Upper
152	100		
150	162.1	127.9	191.9
115	62.5	48.0	72.0

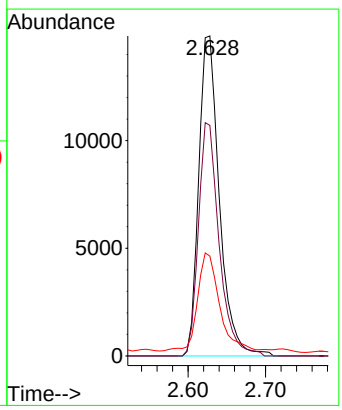


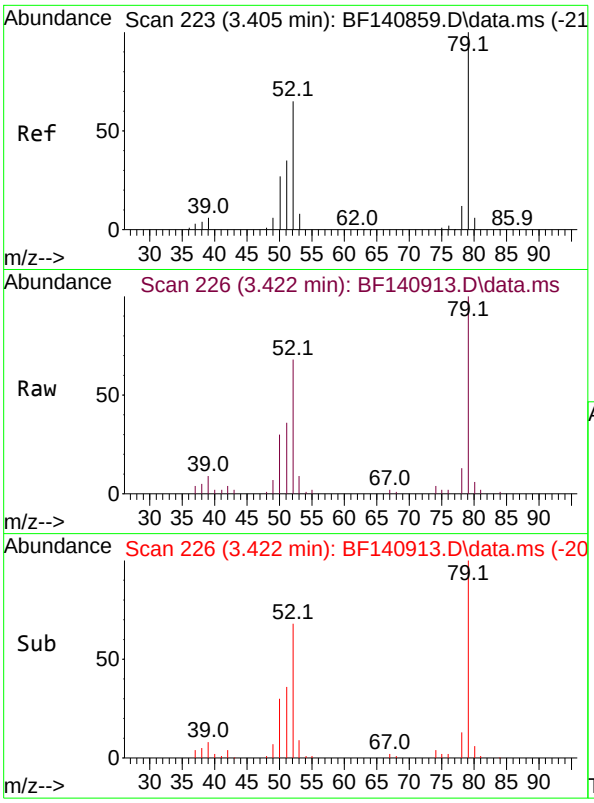


#2
1,4-Dioxane
Concen: 16.908 ng
RT: 2.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 88 Resp: 27487

Ion	Ratio	Lower	Upper
88	100		
58	73.0	55.8	83.8
43	32.6	22.7	34.1



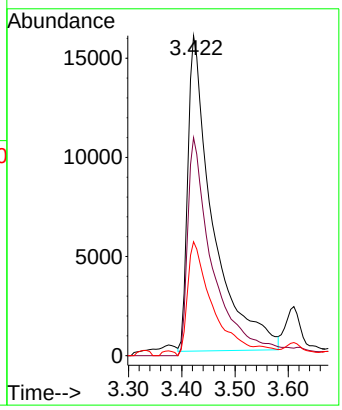


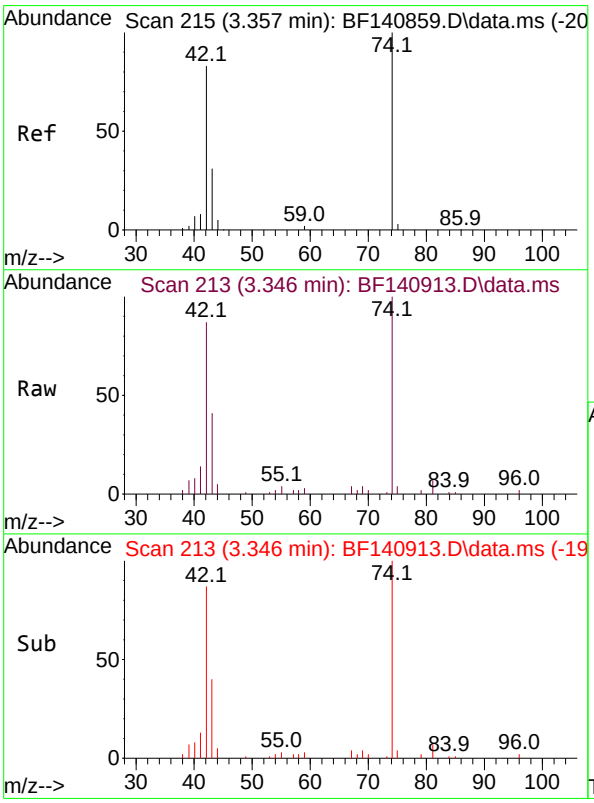
#3
Pyridine
Concen: 13.717 ng
RT: 3.422 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion: 79 Resp: 51644

Ion	Ratio	Lower	Upper
79	100		
52	68.1	51.7	77.5
51	35.6	28.2	42.4

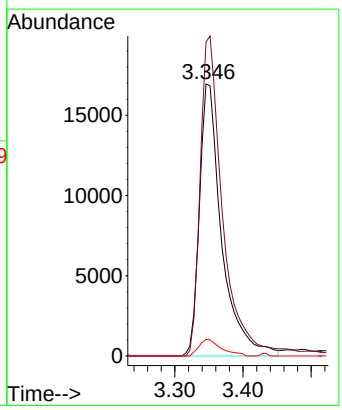


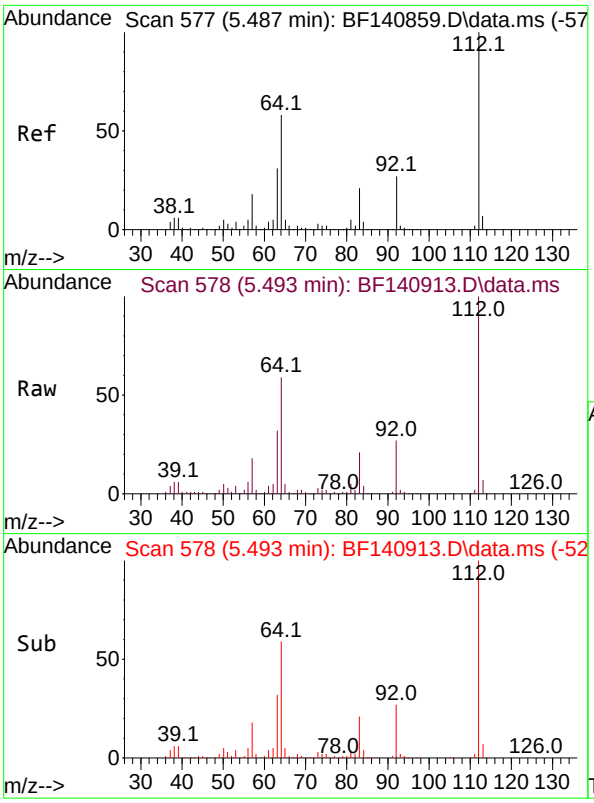


#4
n-Nitrosodimethylamine
Concen: 20.255 ng
RT: 3.346 min Scan# 213
Delta R.T. -0.012 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 42 Resp: 38444

Ion	Ratio	Lower	Upper
42	100		
74	115.5	96.9	145.3
44	6.1	4.4	6.6



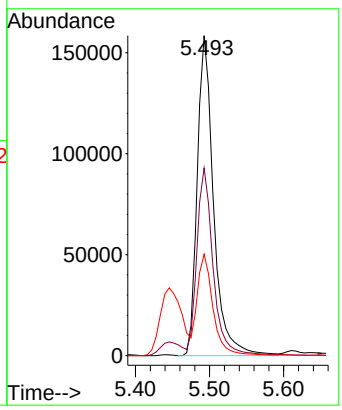


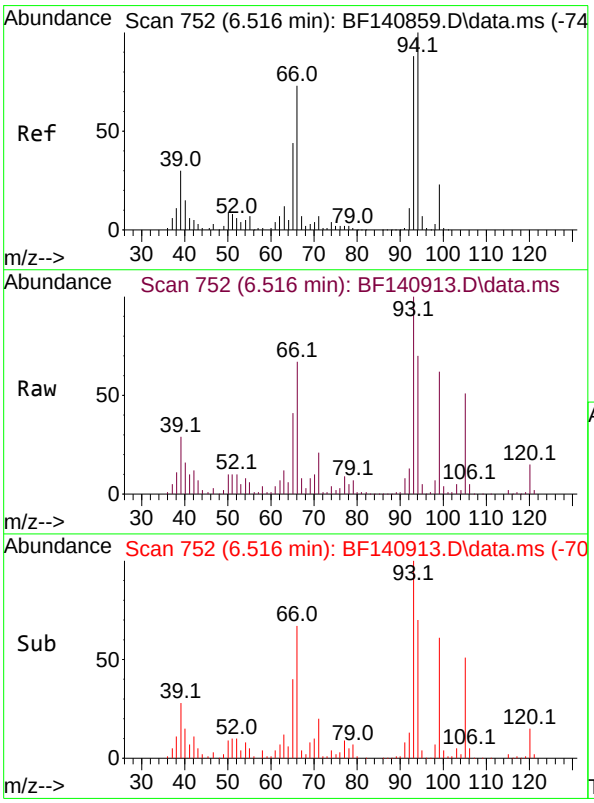
#5
2-Fluorophenol
Concen: 64.448 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:112 Resp: 243248

Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.1	69.1
63	31.7	24.9	37.3

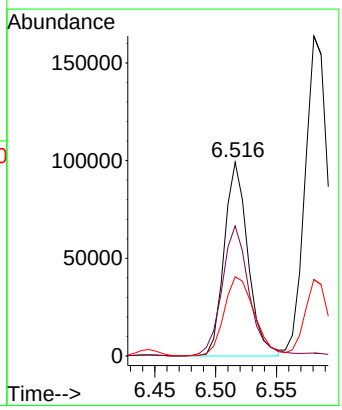


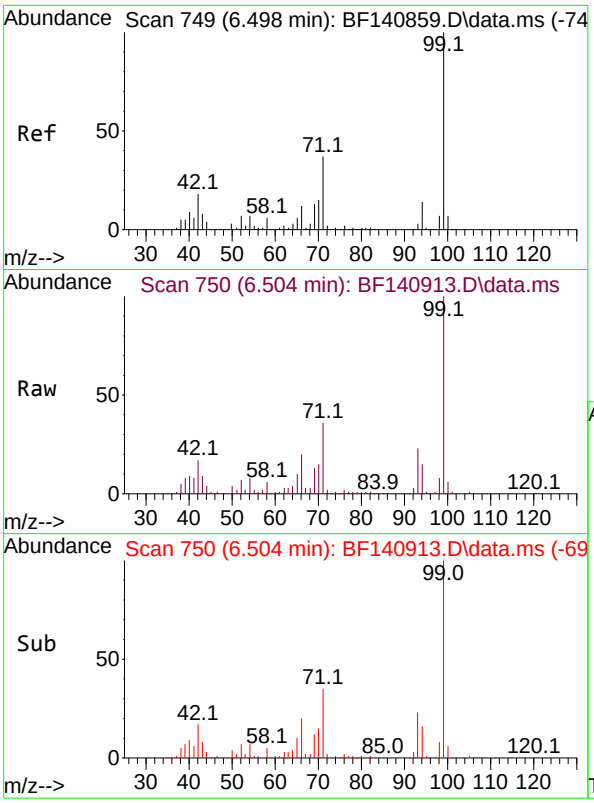


#6
Aniline
Concen: 31.435 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 93 Resp: 134364

Ion	Ratio	Lower	Upper
93	100		
66	67.2	67.0	100.4
65	40.9	40.4	60.6



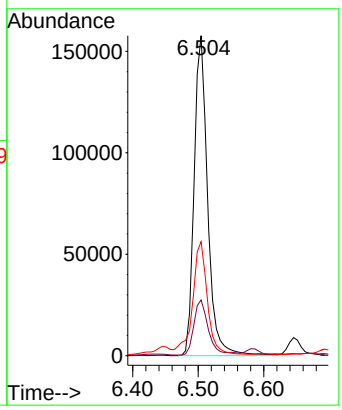


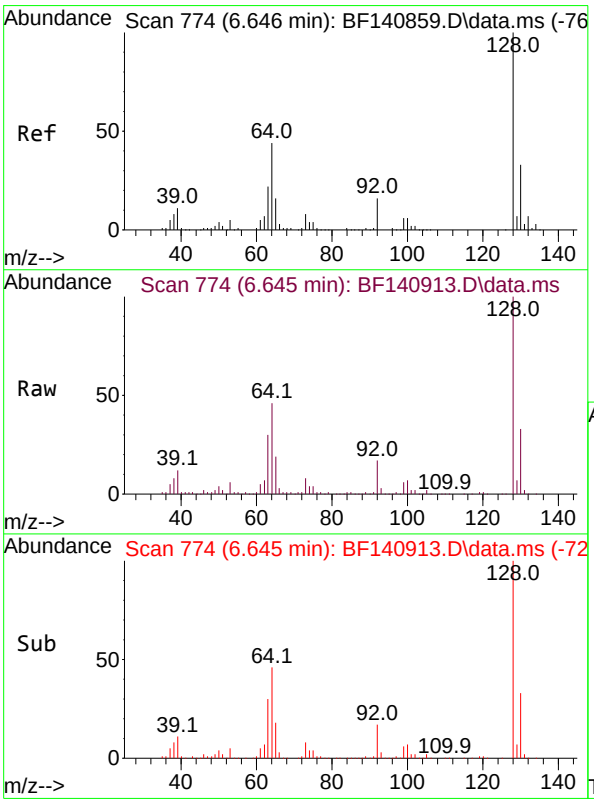
#7
Phenol-d6
Concen: 45.388 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion: 99 Resp: 226898

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.3	21.5
71	35.7	29.9	44.9

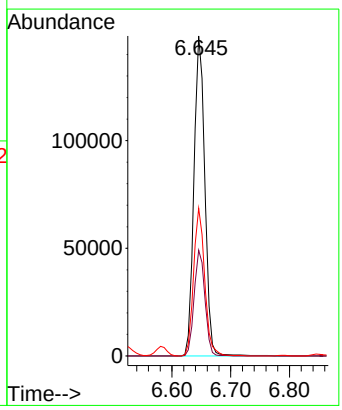


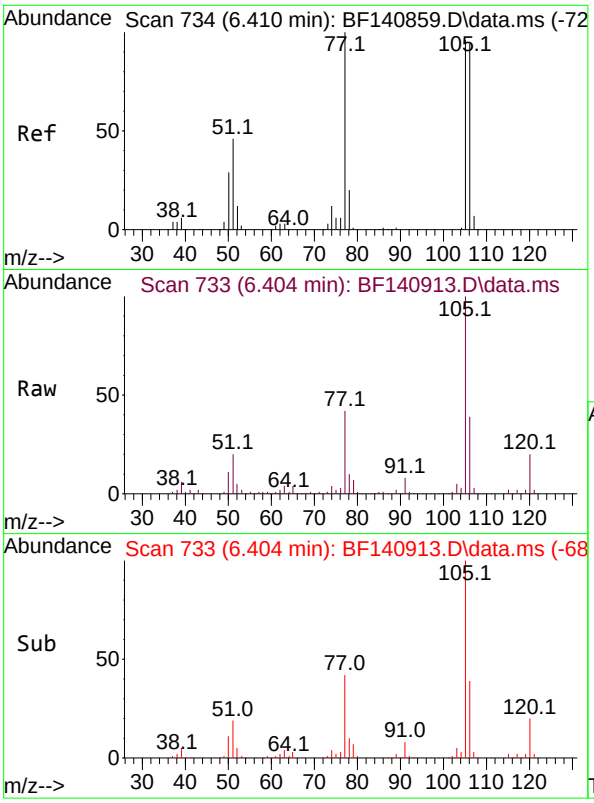


#8
2-Chlorophenol
Concen: 46.628 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:128 Resp: 191915

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	46.1	24.3	64.3



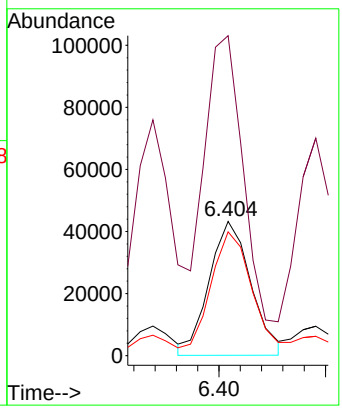


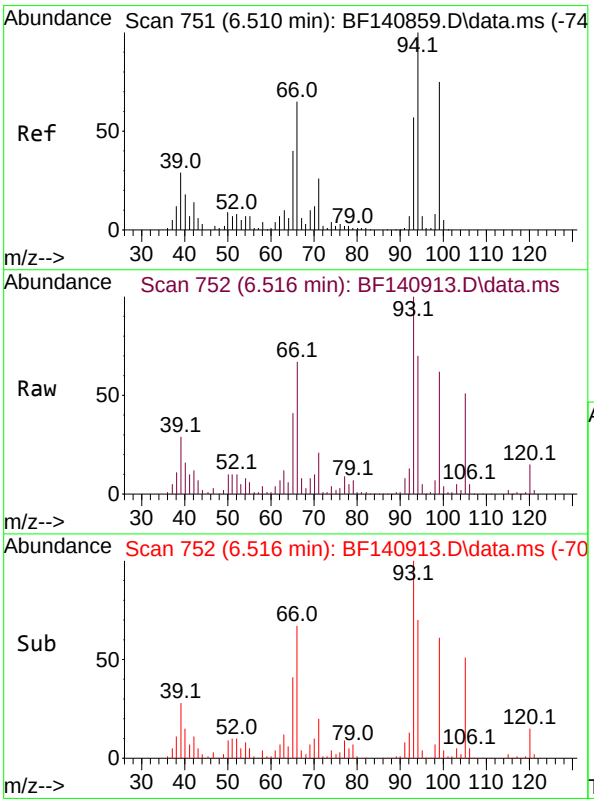
#9
Benzaldehyde
Concen: 21.181 ng
RT: 6.404 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion: 77 Resp: 58670

Ion	Ratio	Lower	Upper
77	100		
105	238.3	75.8	115.8#
106	92.3	74.1	114.1

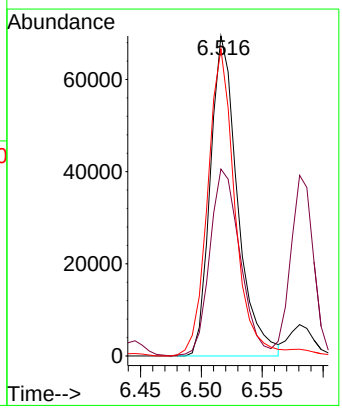


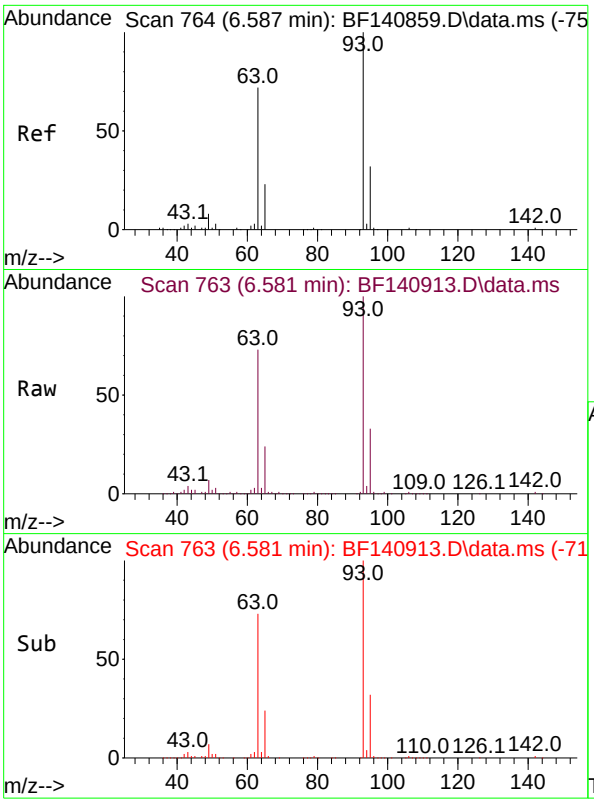


#10
Phenol
Concen: 20.790 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 94 Resp: 107718

Ion	Ratio	Lower	Upper
94	100		
65	58.4	19.9	59.9
66	96.0	45.6	85.6#



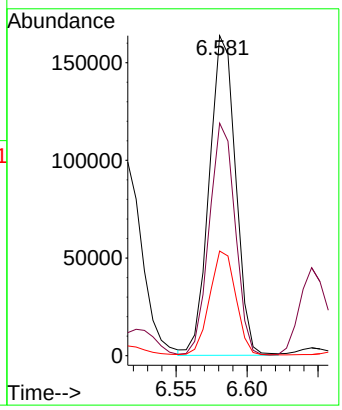


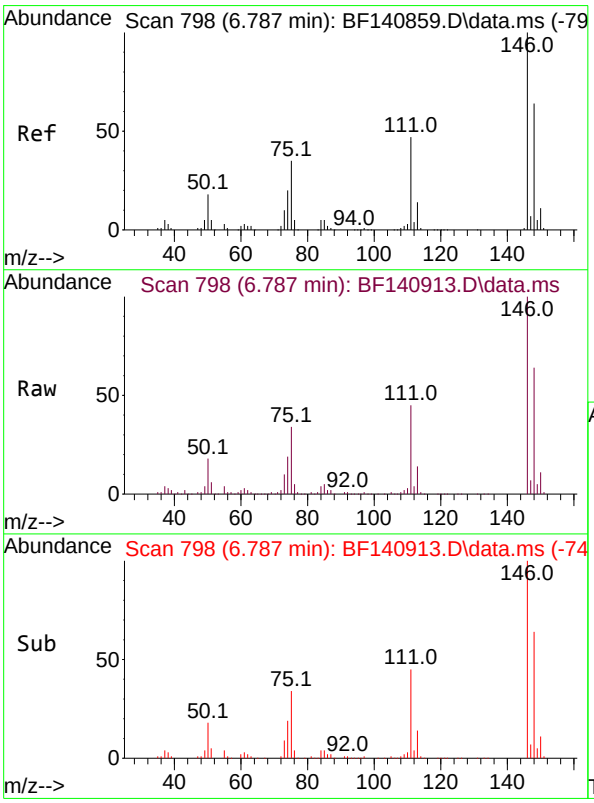
#11
bis(2-Chloroethyl)ether
Concen: 54.878 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion: 93 Resp: 212044

Ion	Ratio	Lower	Upper
93	100		
63	72.6	51.0	91.0
95	32.7	12.0	52.0

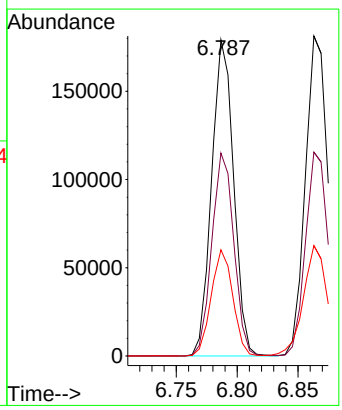


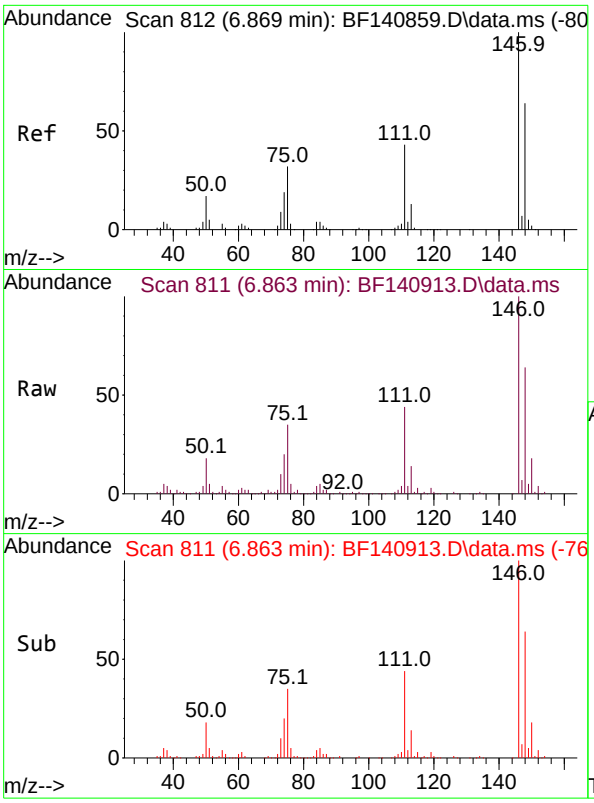


#12
1,3-Dichlorobenzene
Concen: 48.039 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:146 Resp: 225300

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
75	33.6	28.1	42.1



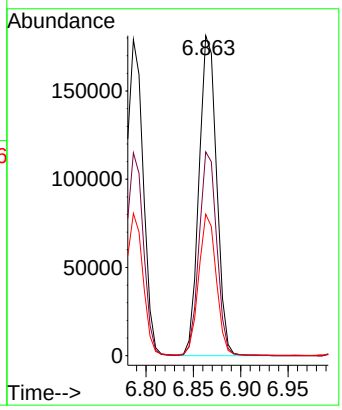


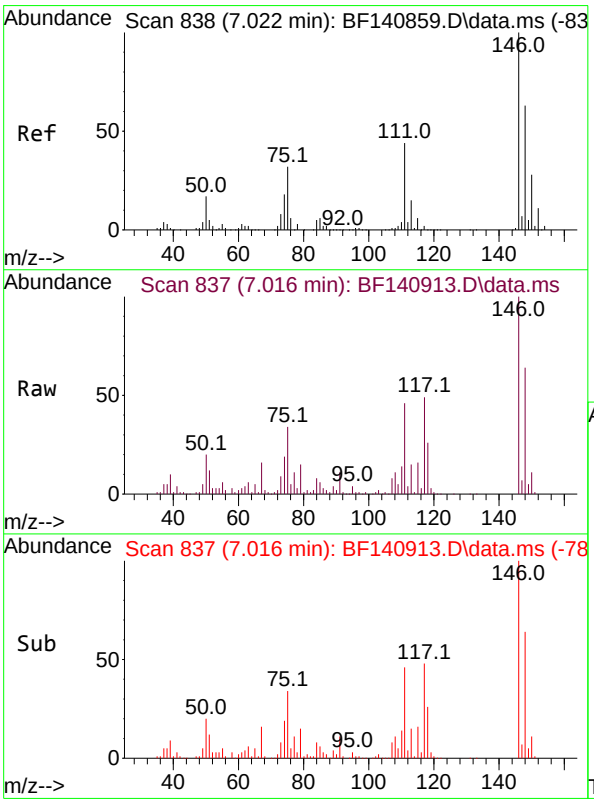
#13
1,4-Dichlorobenzene
Concen: 49.075 ng
RT: 6.863 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:146 Resp: 233627

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
111	44.2	34.4	51.6

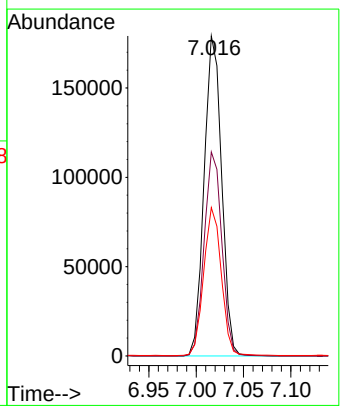


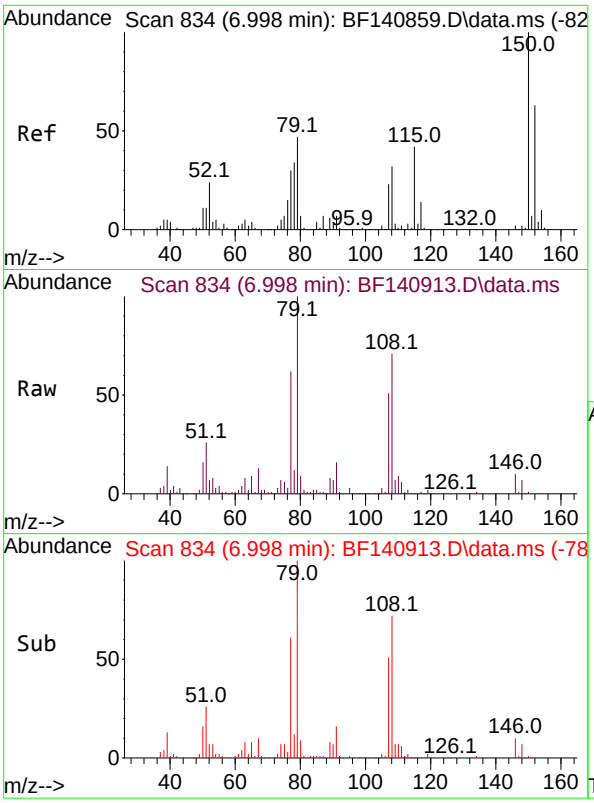


#14
1,2-Dichlorobenzene
Concen: 51.088 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:146 Resp: 229472

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.0	75.0
111	46.3	35.6	53.4



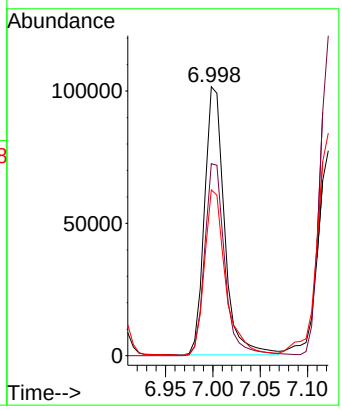


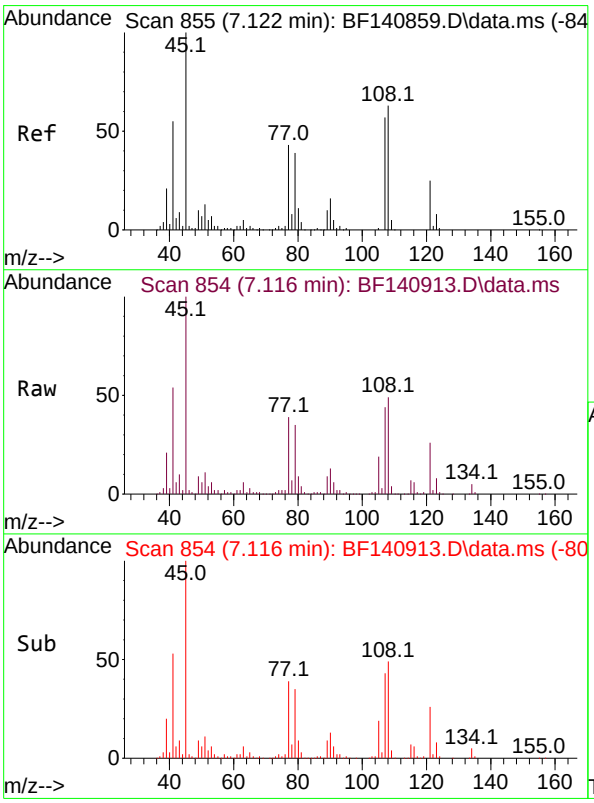
#15
Benzyl Alcohol
Concen: 41.524 ng
RT: 6.998 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion: 79 Resp: 148421

Ion	Ratio	Lower	Upper
79	100		
108	71.4	55.1	82.7
77	61.6	50.6	76.0

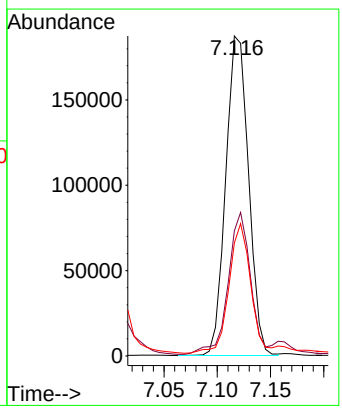


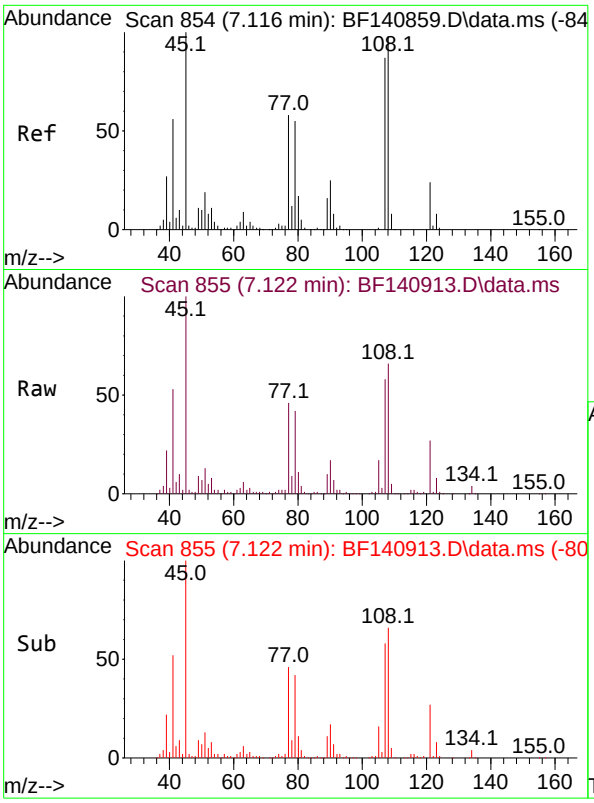


#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.262 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 45 Resp: 278855

Ion	Ratio	Lower	Upper
45	100		
77	39.1	23.3	63.3
79	35.3	20.0	60.0



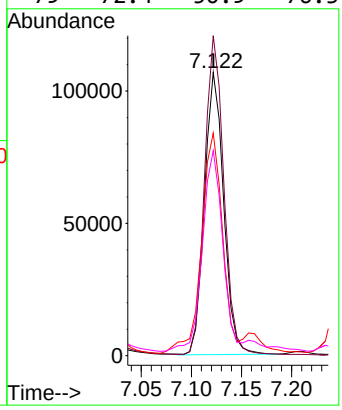


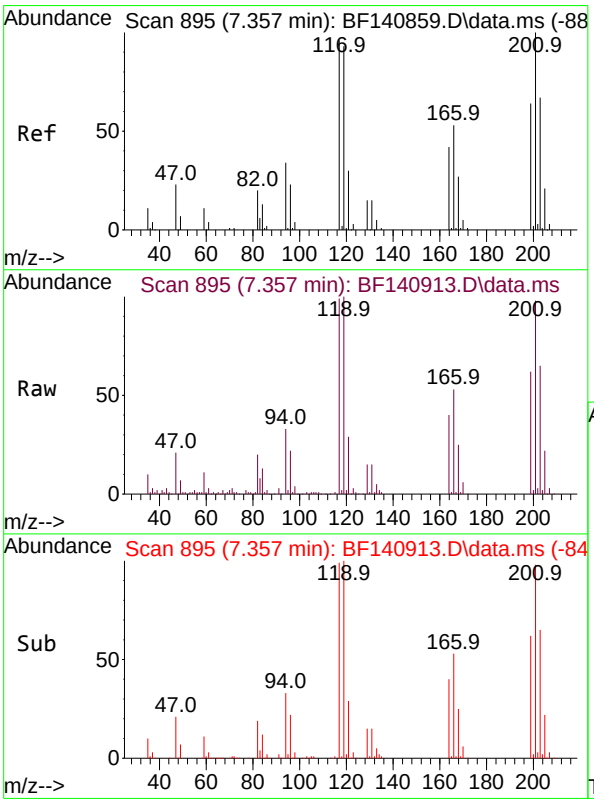
#17
2-Methylphenol
Concen: 43.216 ng
RT: 7.122 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:107 Resp: 142010

Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.2	135.4
77	78.6	53.8	80.6
79	72.4	50.9	76.3

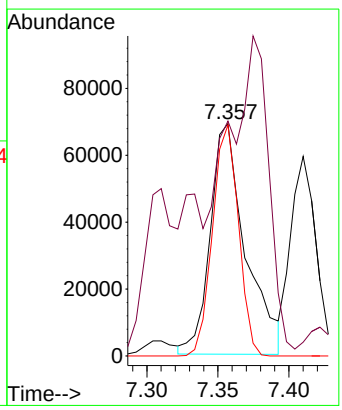


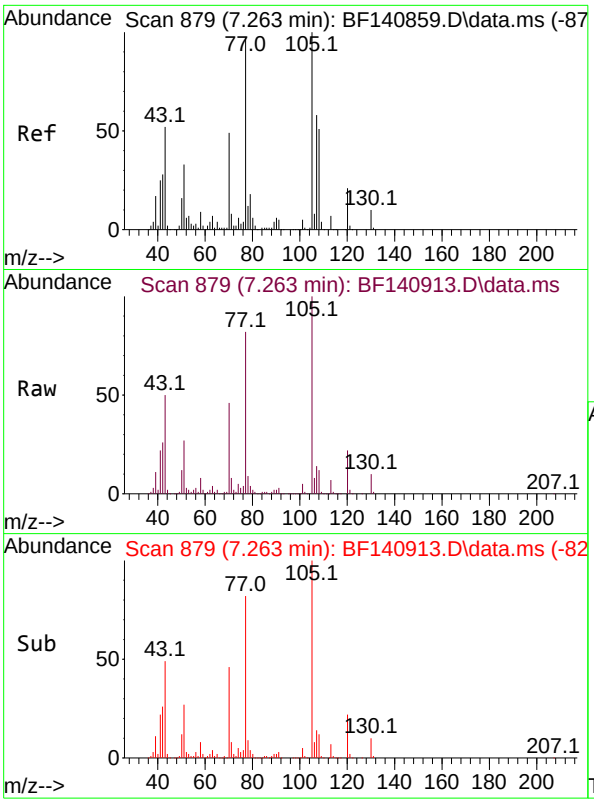


#18
Hexachloroethane
Concen: 67.113 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:117 Resp: 118942

Ion	Ratio	Lower	Upper
117	100		
119	101.1	77.4	116.0
201	99.5	83.4	125.0



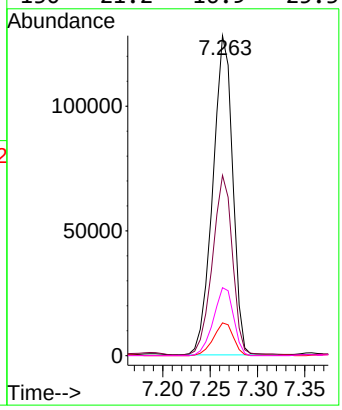


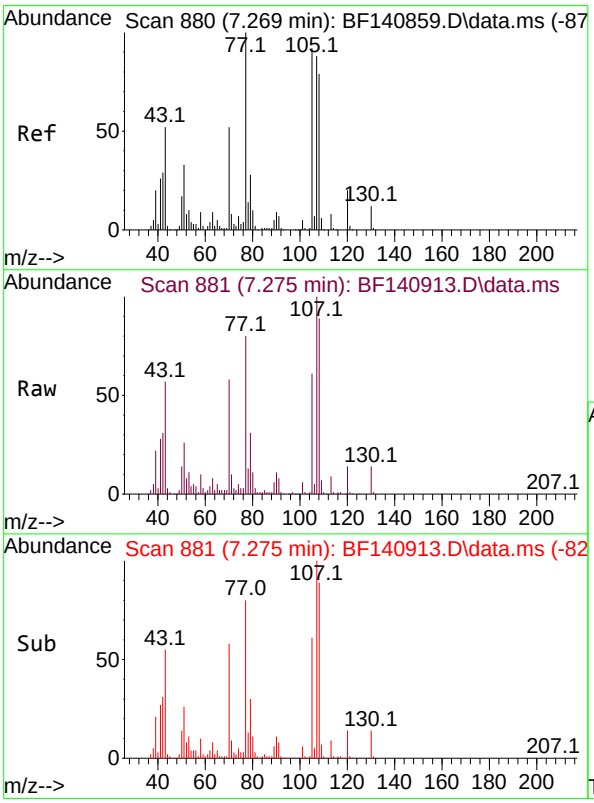
#19
n-Nitroso-di-n-propylamine
Concen: 62.307 ng
RT: 7.263 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion: 70 Resp: 186839

Ion	Ratio	Lower	Upper
70	100		
42	56.3	45.3	67.9
101	10.3	8.0	12.0
130	21.2	16.9	25.3

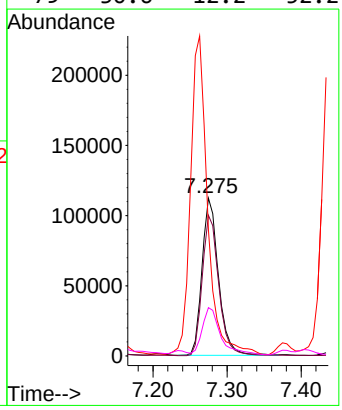


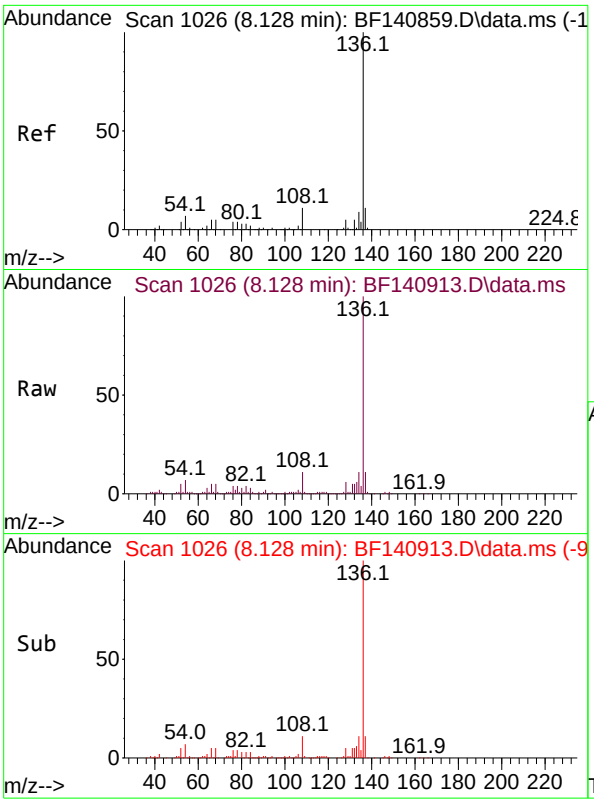


#20
3+4-Methylphenols
Concen: 39.601 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:107 Resp: 172555

Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.1	110.1
77	79.8	94.4	134.4#
79	30.6	12.2	52.2



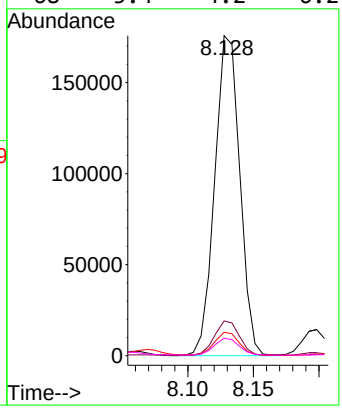


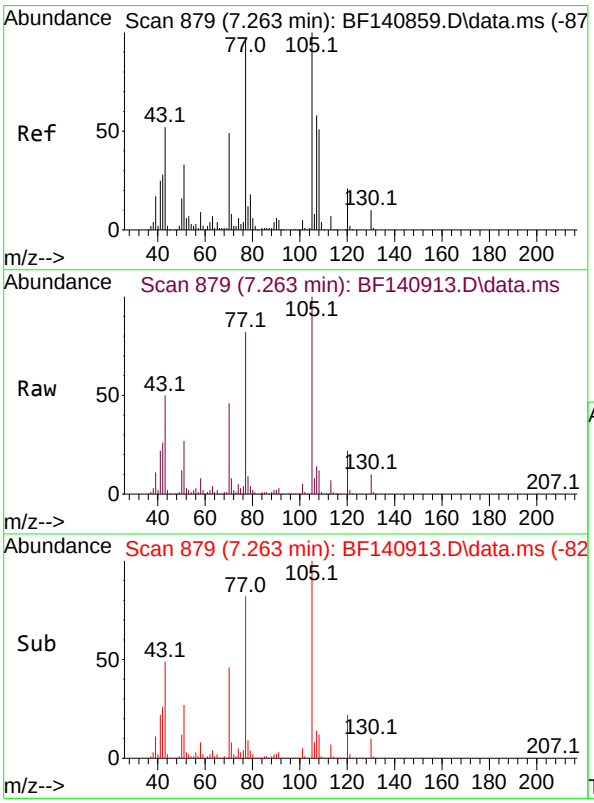
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:136 Resp: 234141

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.3	5.6	8.4
68	5.4	4.2	6.2

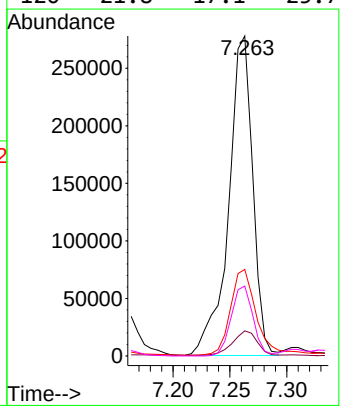


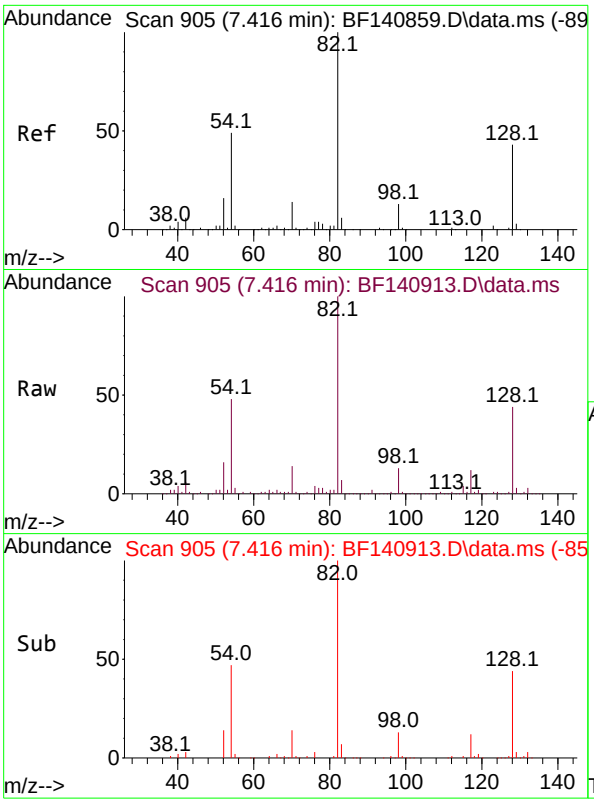


#22
Acetophenone
Concen: 70.142 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:105 Resp: 410828

Ion	Ratio	Lower	Upper
105	100		
71	7.9	6.2	9.4
51	27.0	26.3	39.5
120	21.8	17.1	25.7



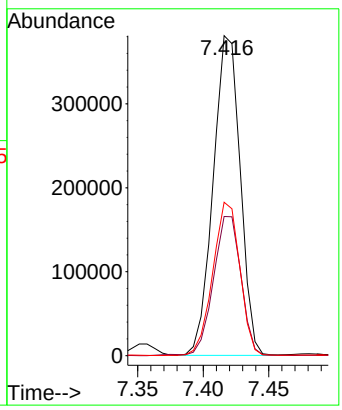


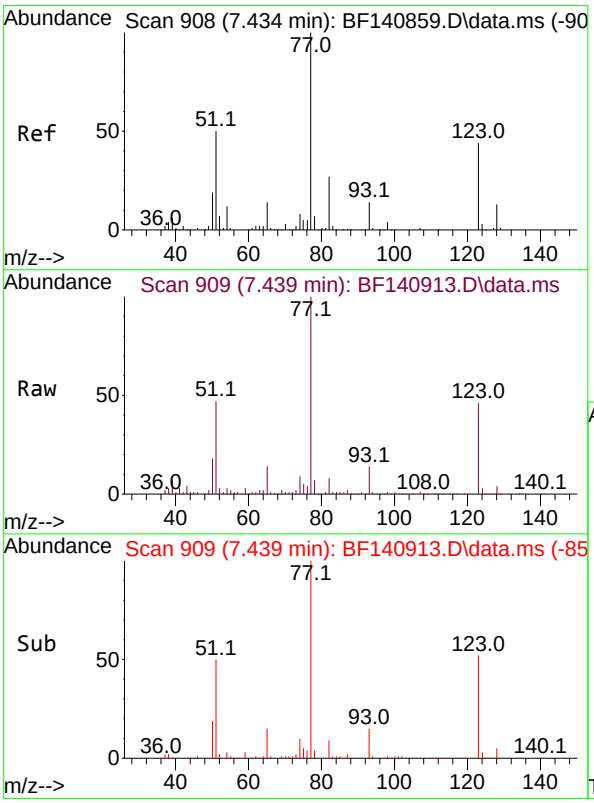
#23
Nitrobenzene-d5
Concen: 116.715 ng
RT: 7.416 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion: 82 Resp: 546214

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.4	51.6
54	48.0	38.8	58.2

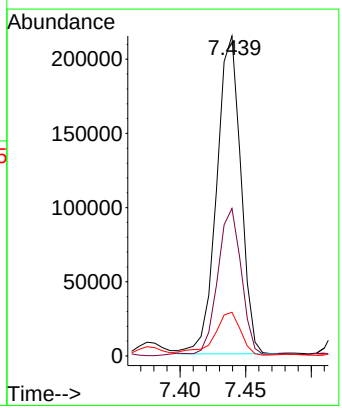


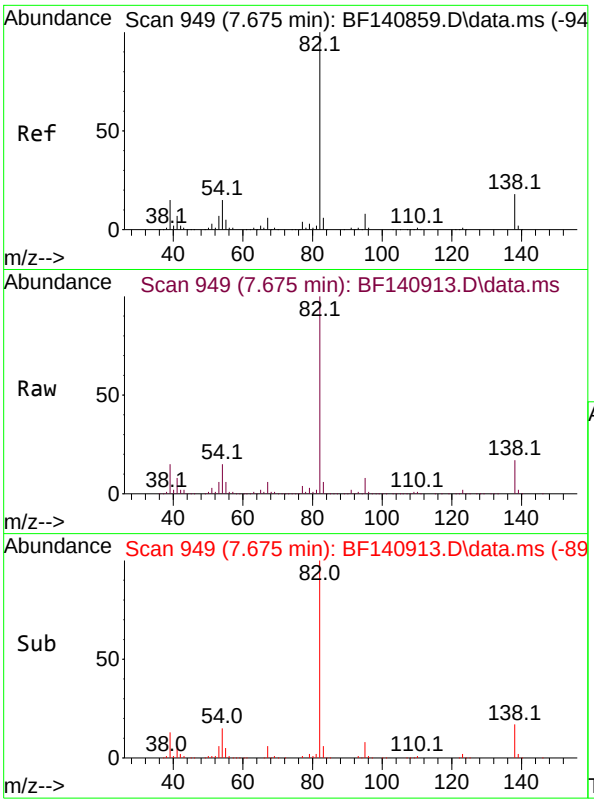


#24
Nitrobenzene
Concen: 57.048 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 77 Resp: 273509

Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.0	52.4
65	13.6	11.4	17.0



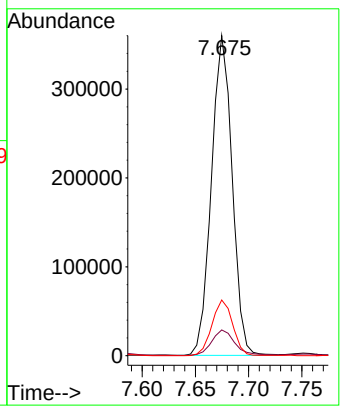


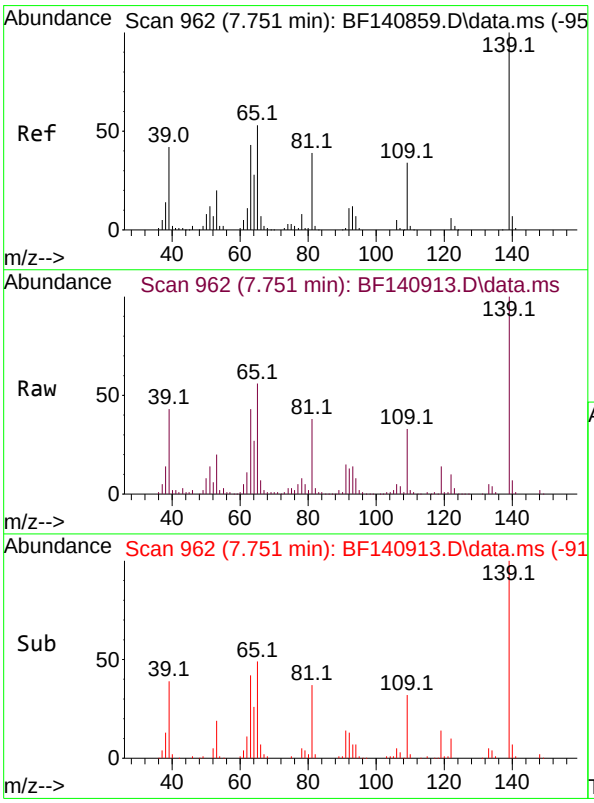
#25
Isophorone
Concen: 62.080 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion: 82 Resp: 486799

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.3	9.5
138	17.4	14.1	21.1

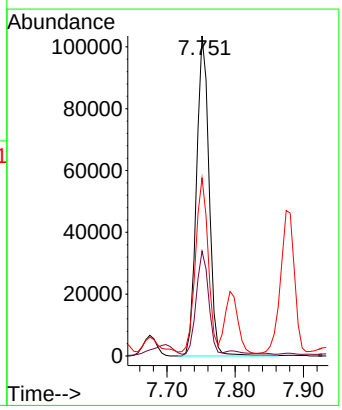


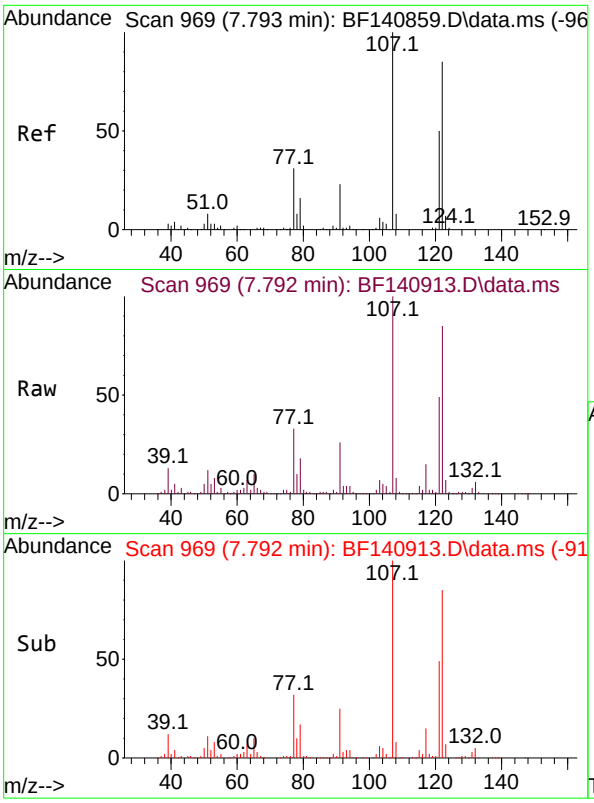


#26
2-Nitrophenol
Concen: 60.120 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:139 Resp: 132753

Ion	Ratio	Lower	Upper
139	100		
109	32.7	26.9	40.3
65	55.6	42.6	64.0



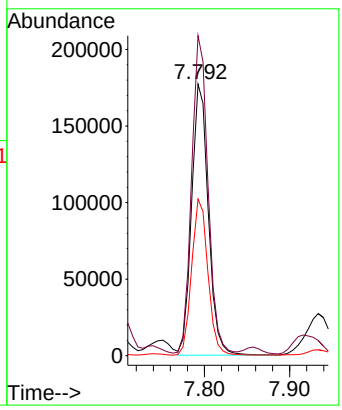


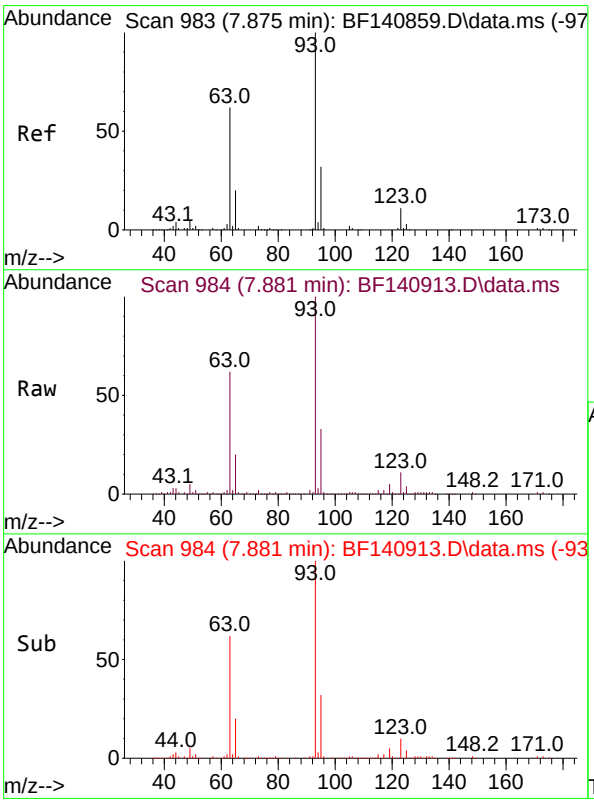
#27
2,4-Dimethylphenol
Concen: 93.285 ng
RT: 7.792 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:122 Resp: 240560

Ion	Ratio	Lower	Upper
122	100		
107	117.9	92.6	139.0
121	57.7	45.8	68.8

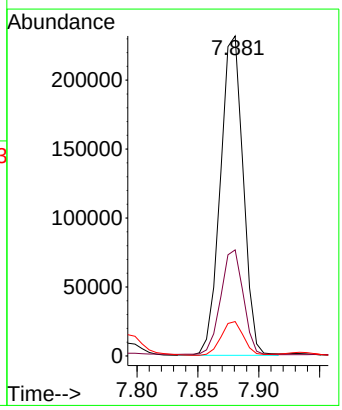


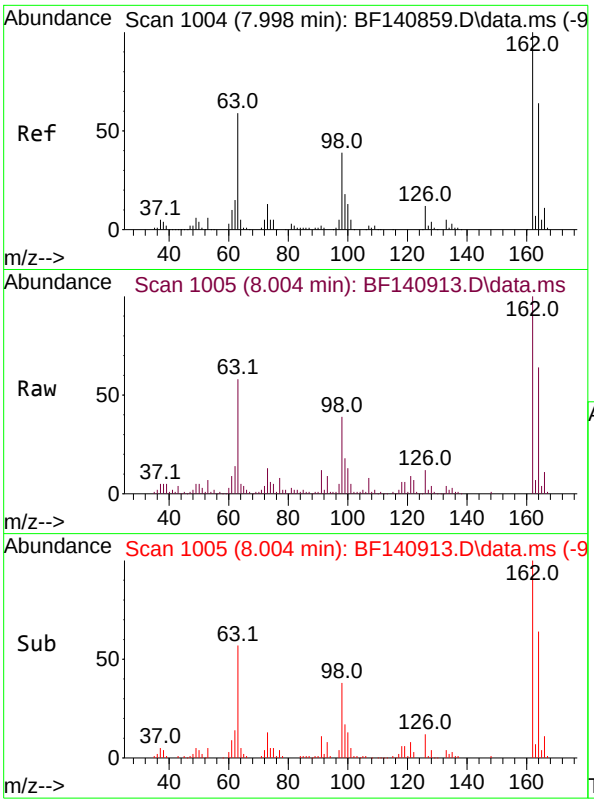


#28
bis(2-Chloroethoxy)methane
Concen: 61.649 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 93 Resp: 301928

Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.3	37.9
123	10.7	8.6	13.0



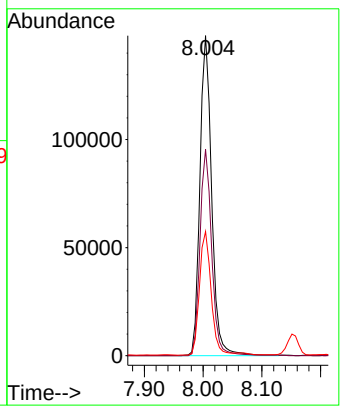


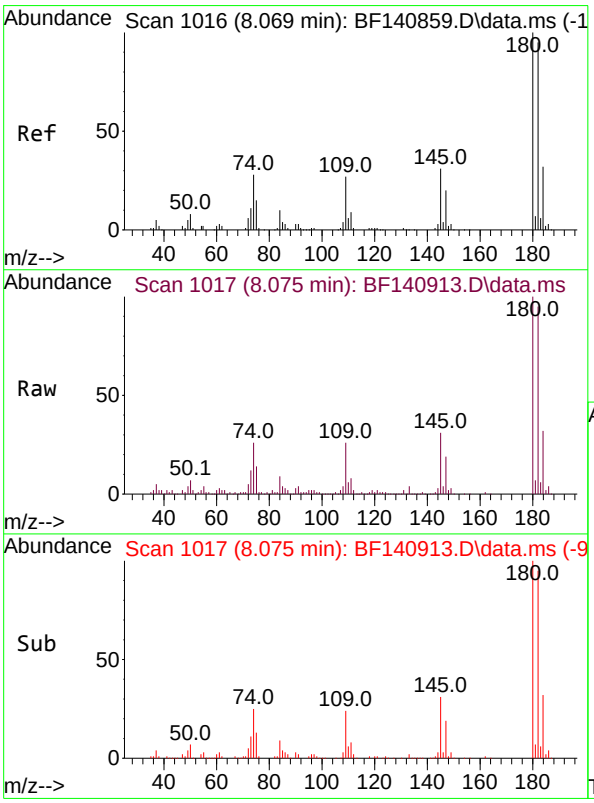
#29
2,4-Dichlorophenol
Concen: 57.620 ng
RT: 8.004 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:162 Resp: 205141

Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.7	83.7
98	38.8	18.6	58.6

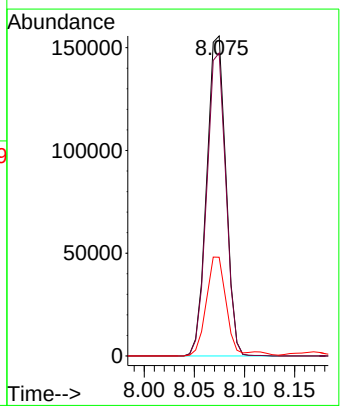


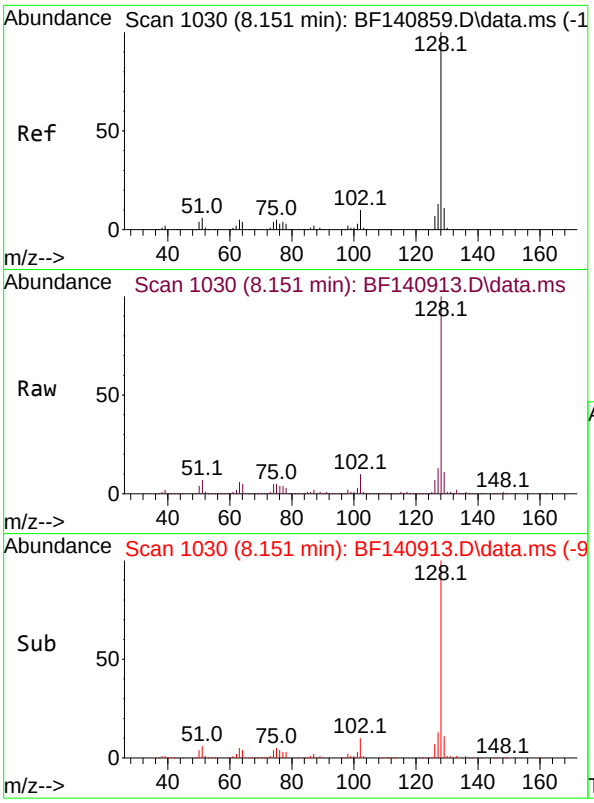


#30
1,2,4-Trichlorobenzene
Concen: 50.846 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:180 Resp: 207519

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	30.9	25.2	37.8



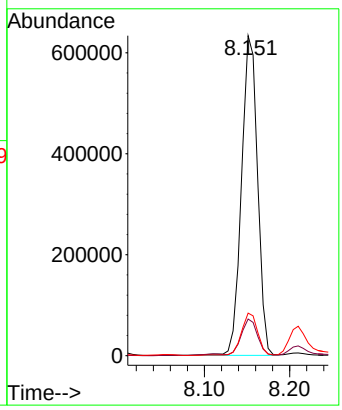


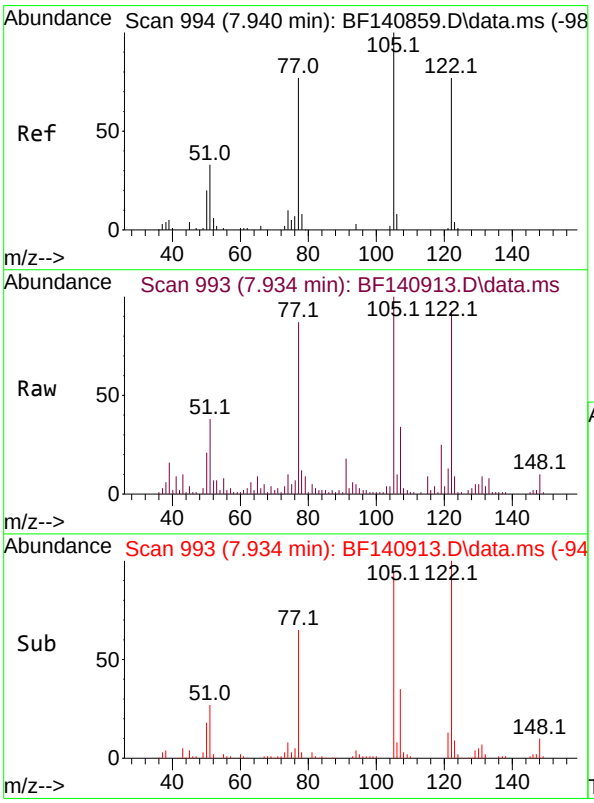
#31
Naphthalene
Concen: 64.512 ng
RT: 8.151 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:128 Resp: 829722

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.3	10.6	16.0

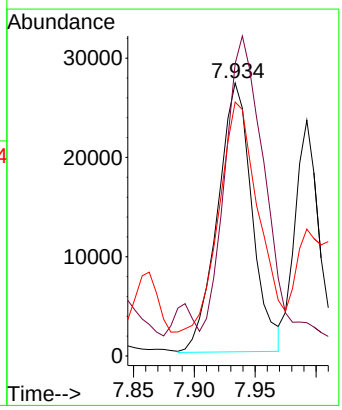


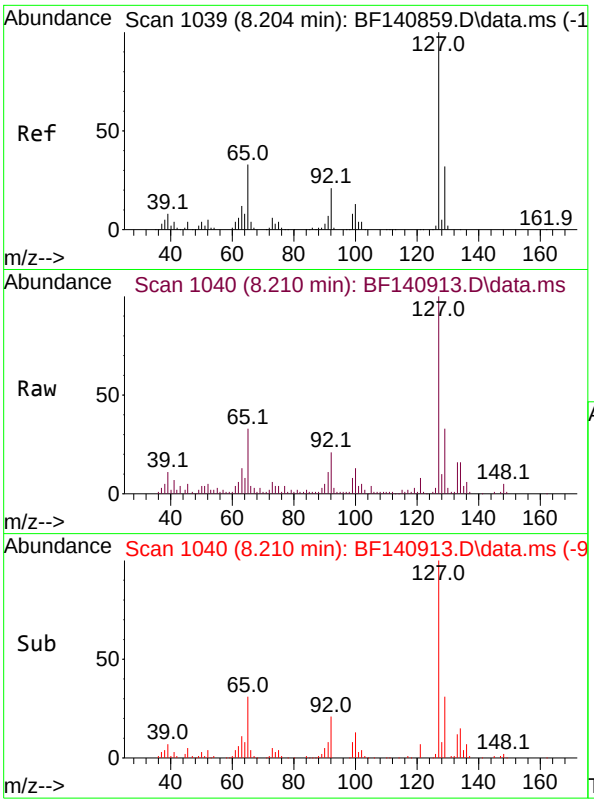


#32
Benzoic acid
Concen: 21.861 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:122 Resp: 53466

Ion	Ratio	Lower	Upper
122	100		
105	107.1	108.3	148.3#
77	93.0	78.8	118.8



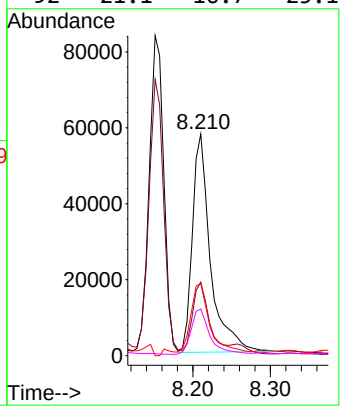


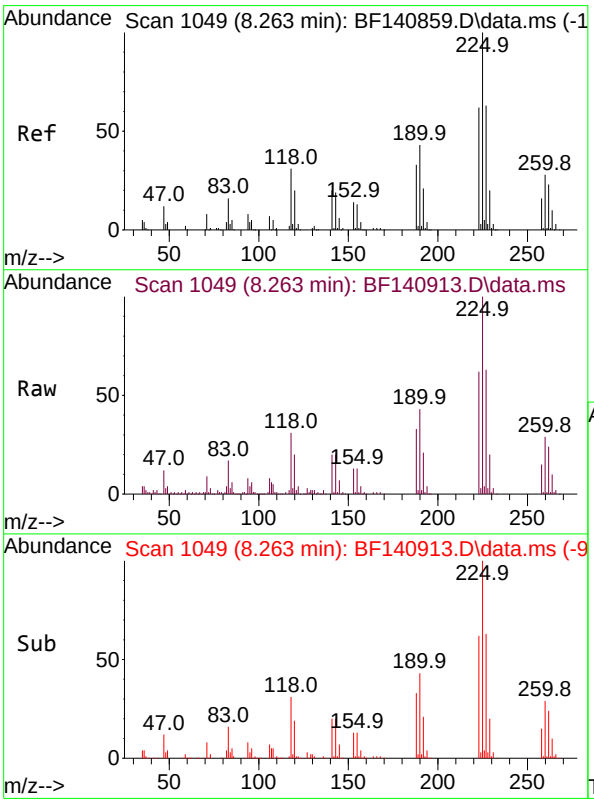
#33
4-Chloroaniline
Concen: 21.837 ng
RT: 8.210 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:127 Resp: 93281

Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	32.5	26.0	39.0
92	21.1	16.7	25.1

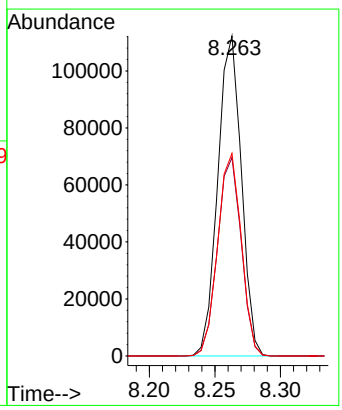


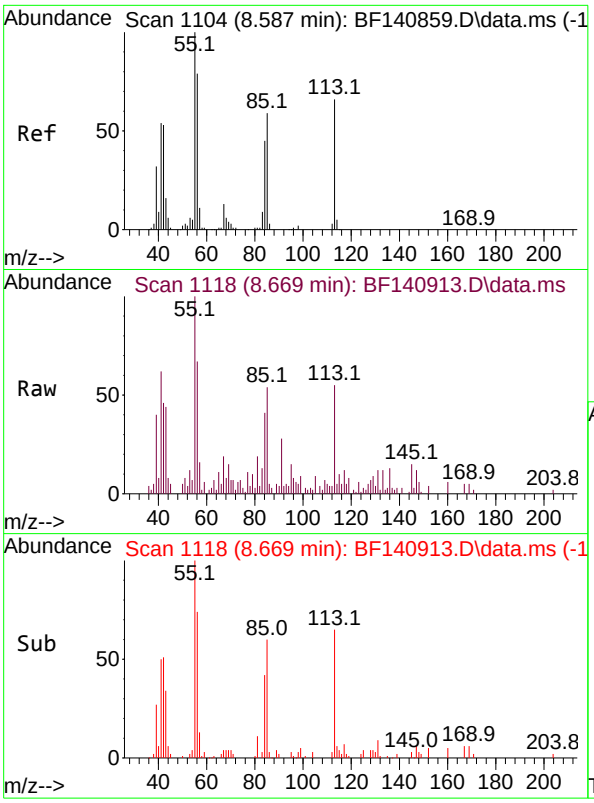


#34
Hexachlorobutadiene
Concen: 51.100 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:225 Resp: 140317

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.6	74.4
227	63.3	50.7	76.1



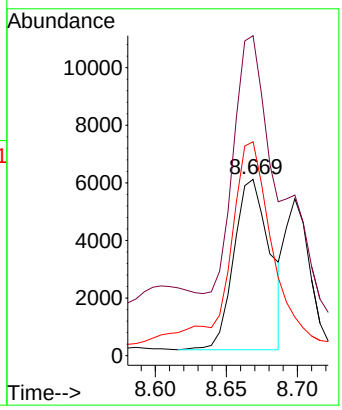


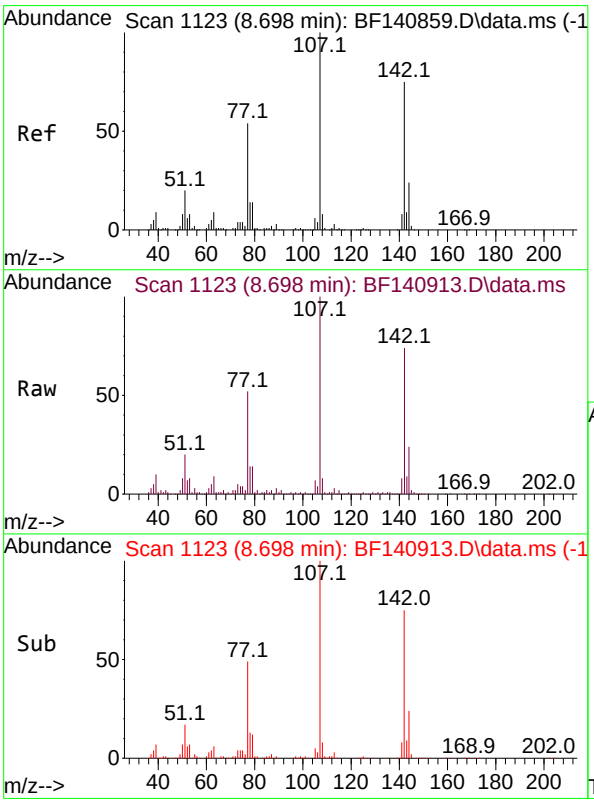
#35
Caprolactam
Concen: 9.839 ng
RT: 8.669 min Scan# 1
Delta R.T. 0.082 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:113 Resp: 10428

Ion	Ratio	Lower	Upper
113	100		
55	181.5	132.3	172.3#
56	121.3	100.3	140.3

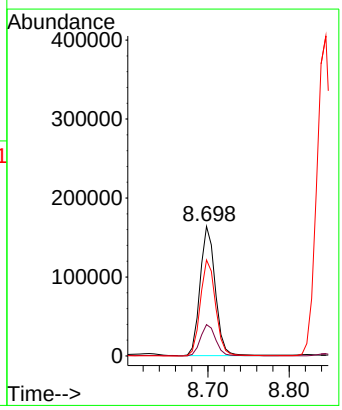


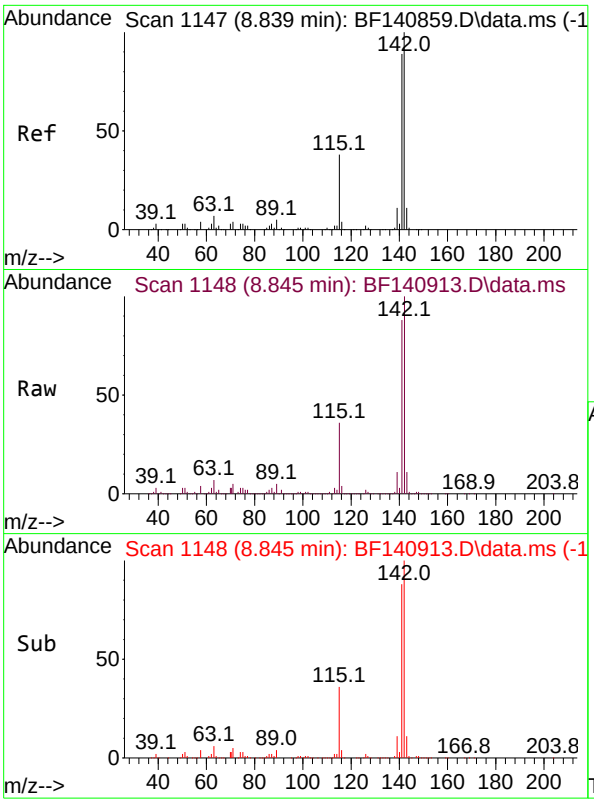


#36
4-Chloro-3-methylphenol
Concen: 52.825 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:107 Resp: 211675

Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.4	29.2
142	74.1	60.3	90.5



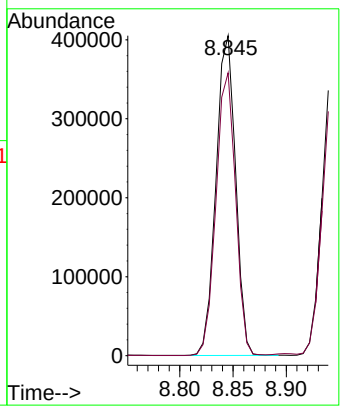


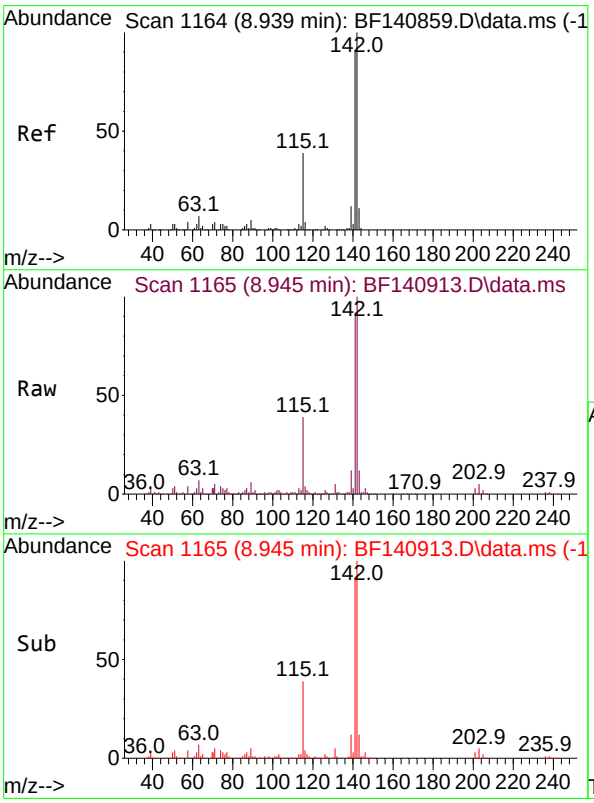
#37
2-Methylnaphthalene
Concen: 60.619 ng
RT: 8.845 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:142 Resp: 515739

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6

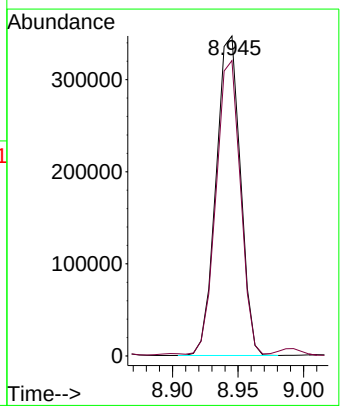


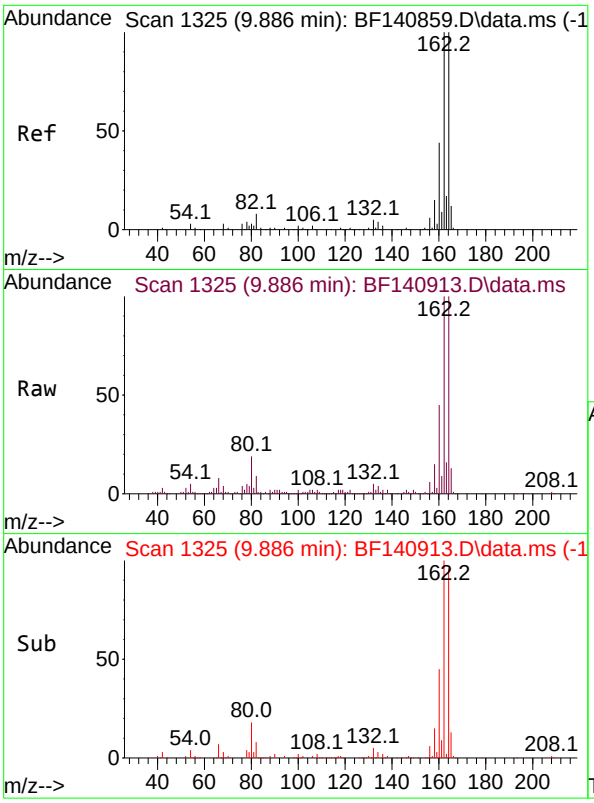


#38
1-Methylnaphthalene
Concen: 53.322 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:142 Resp: 448664

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.0



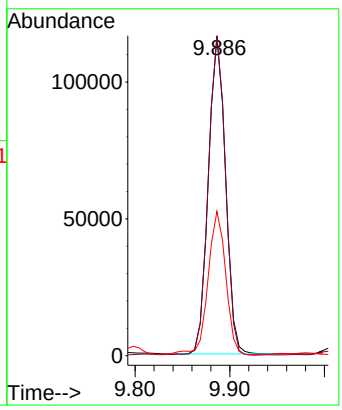


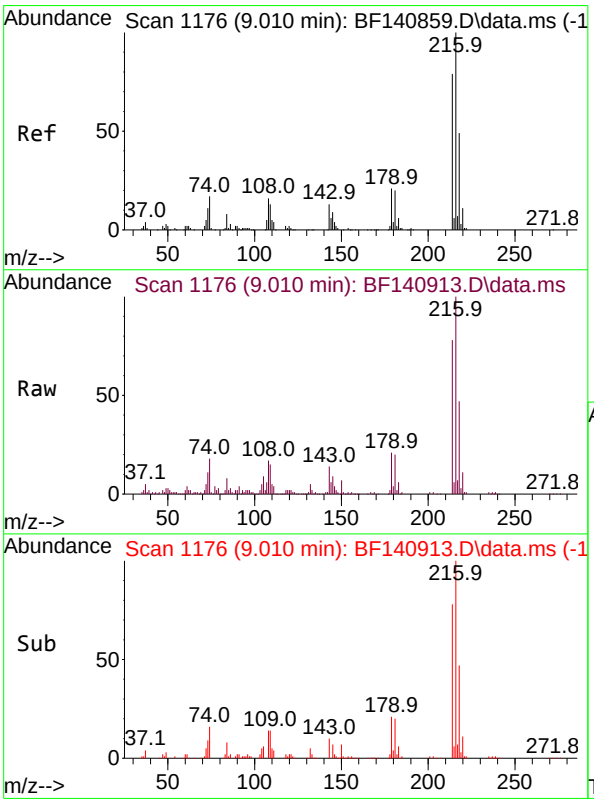
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:164 Resp: 146078

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.9	119.9
160	45.2	35.2	52.8

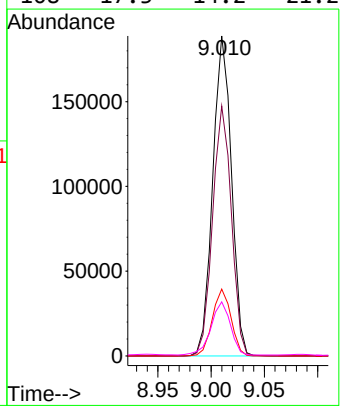


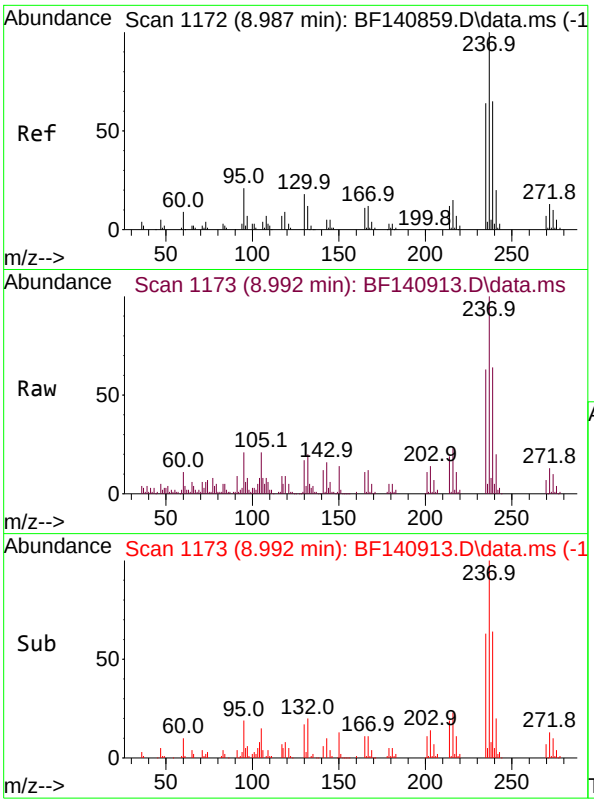


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.343 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:216 Resp: 230524

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.6	95.4
179	20.9	17.0	25.4
108	17.3	14.2	21.2



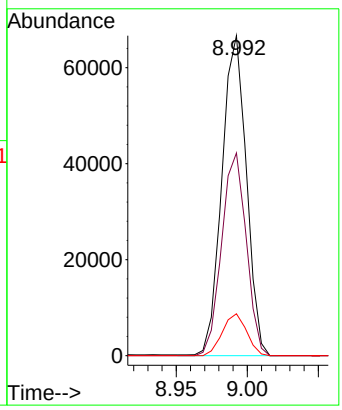


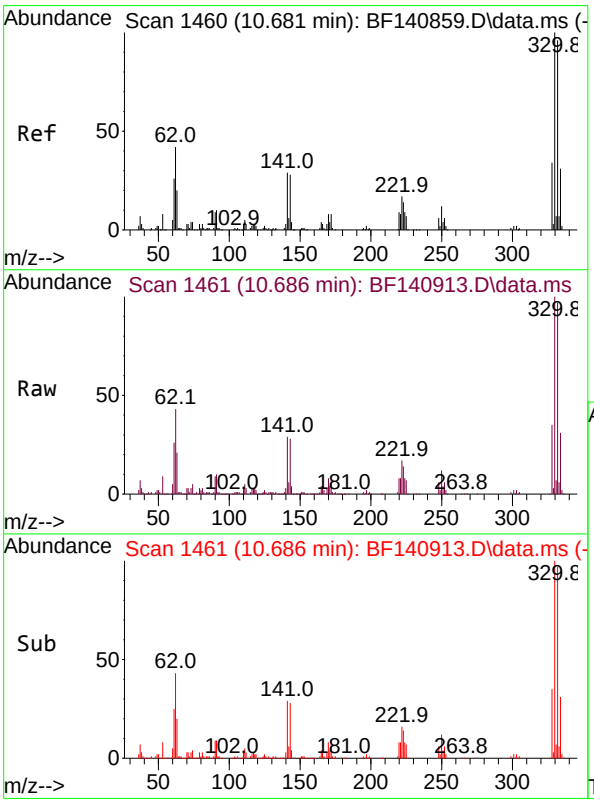
#41
Hexachlorocyclopentadiene
Concen: 60.019 ng
RT: 8.992 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:237 Resp: 79958

Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.7	83.7
272	13.1	0.0	32.9

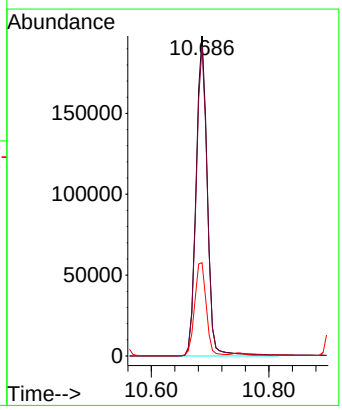


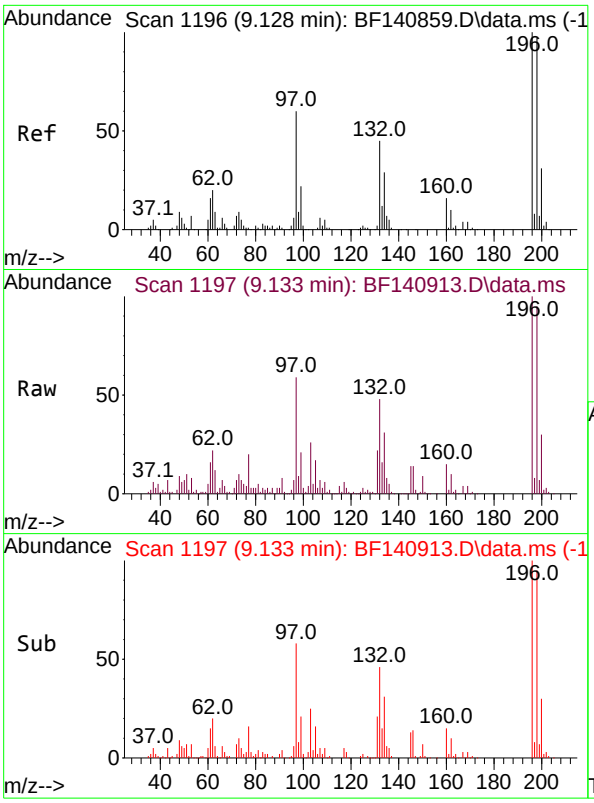


#42
2,4,6-Tribromophenol
Concen: 151.554 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:330 Resp: 261838

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.2	114.4
141	30.0	24.9	37.3



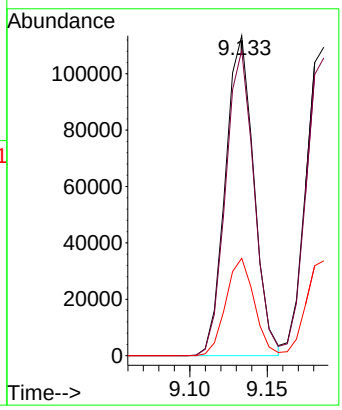


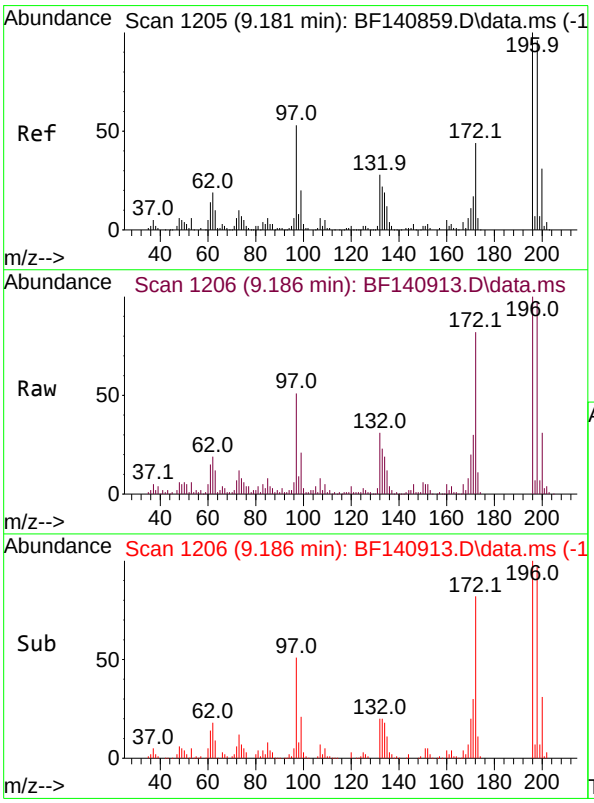
#43
2,4,6-Trichlorophenol
Concen: 52.728 ng
RT: 9.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:196 Resp: 144964

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.4	116.0
200	30.5	24.5	36.7

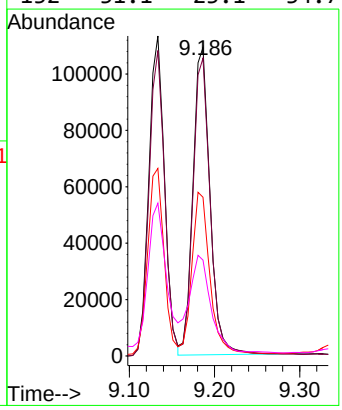


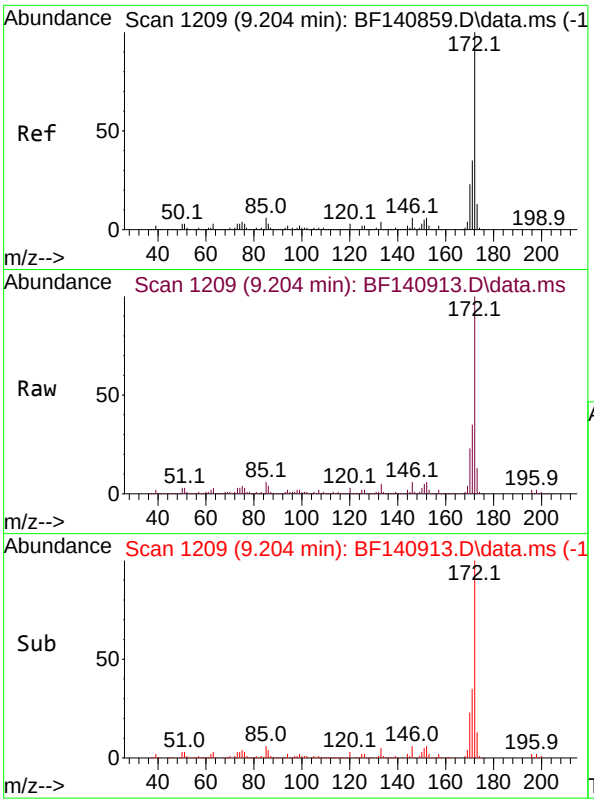


#44
2,4,5-Trichlorophenol
Concen: 50.197 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:196 Resp: 151686

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.2	115.8
97	51.5	42.2	63.4
132	31.1	23.1	34.7



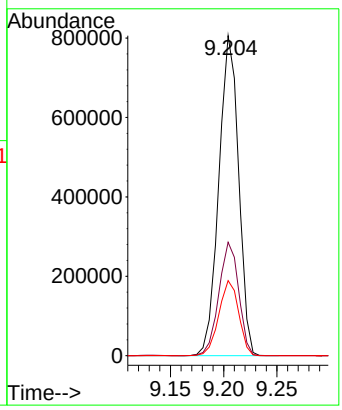


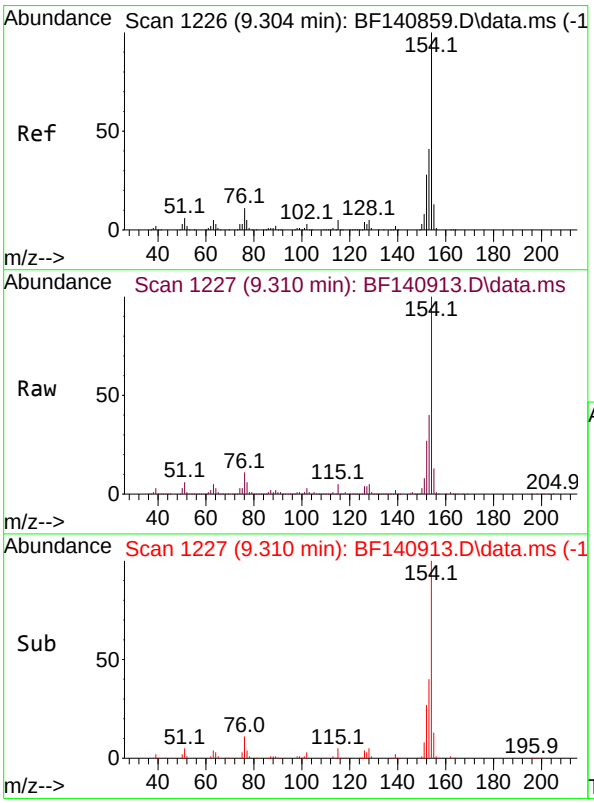
#45
2-Fluorobiphenyl
Concen: 97.769 ng
RT: 9.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:172 Resp: 1038792

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.4	42.6
170	23.5	18.6	28.0

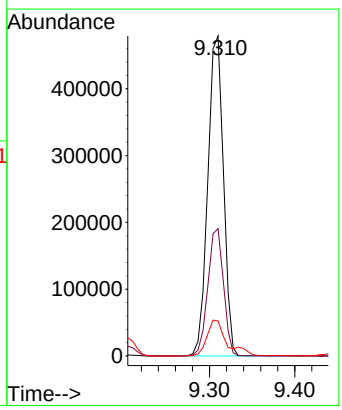


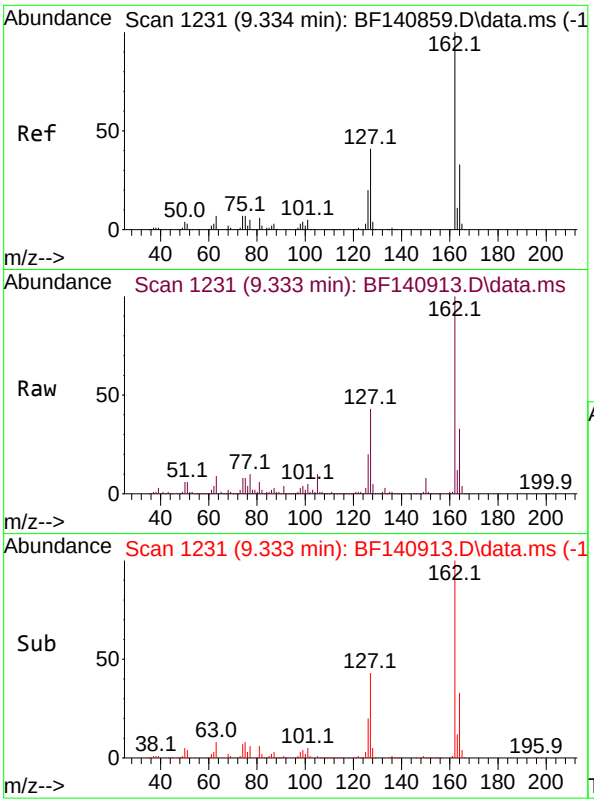


#46
1,1'-Biphenyl
Concen: 52.665 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:154 Resp: 611751

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.8	60.8
76	11.0	0.0	31.0



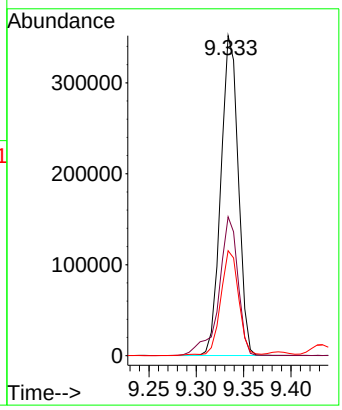


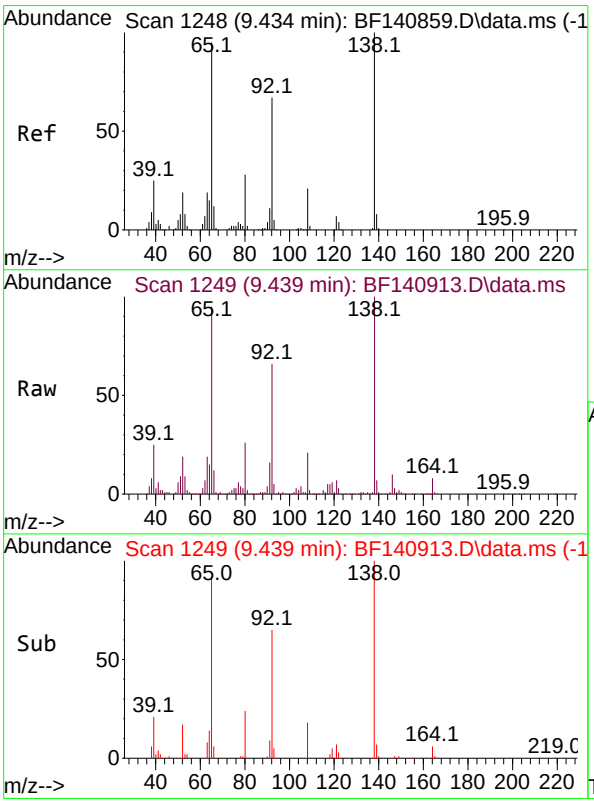
#47
2-Chloronaphthalene
Concen: 50.728 ng
RT: 9.333 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:162 Resp: 450788

Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.5	50.3
164	32.8	26.2	39.2

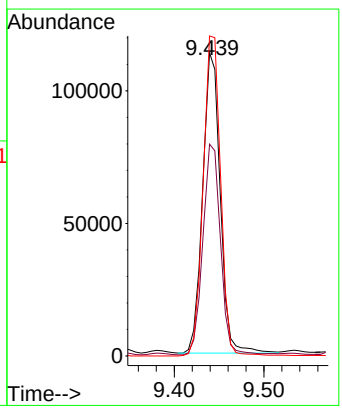


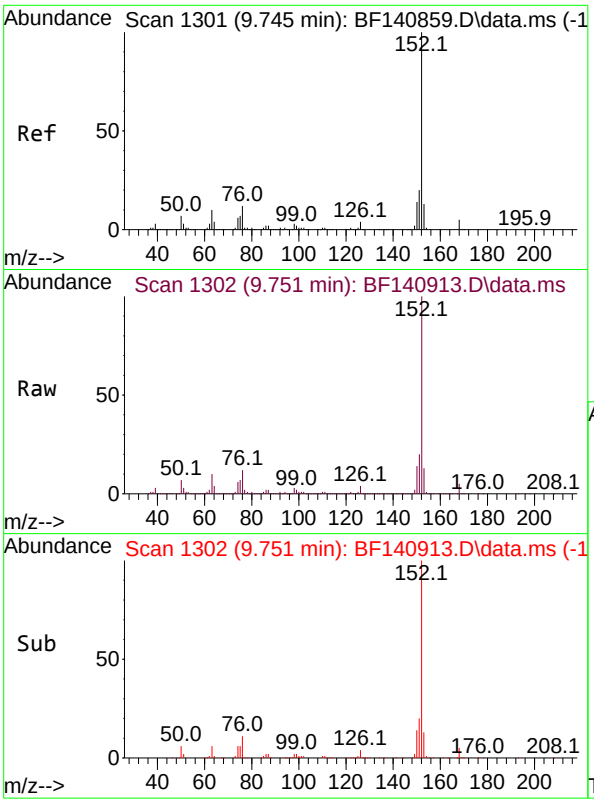


#48
2-Nitroaniline
Concen: 57.306 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 65 Resp: 153798

Ion	Ratio	Lower	Upper
65	100		
92	69.9	56.3	84.5
138	105.5	83.8	125.6



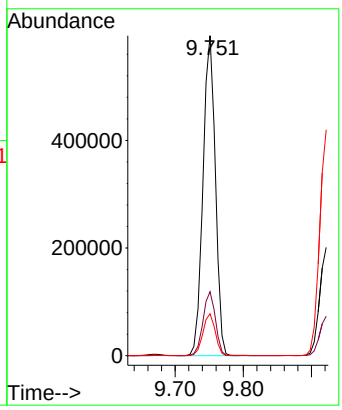


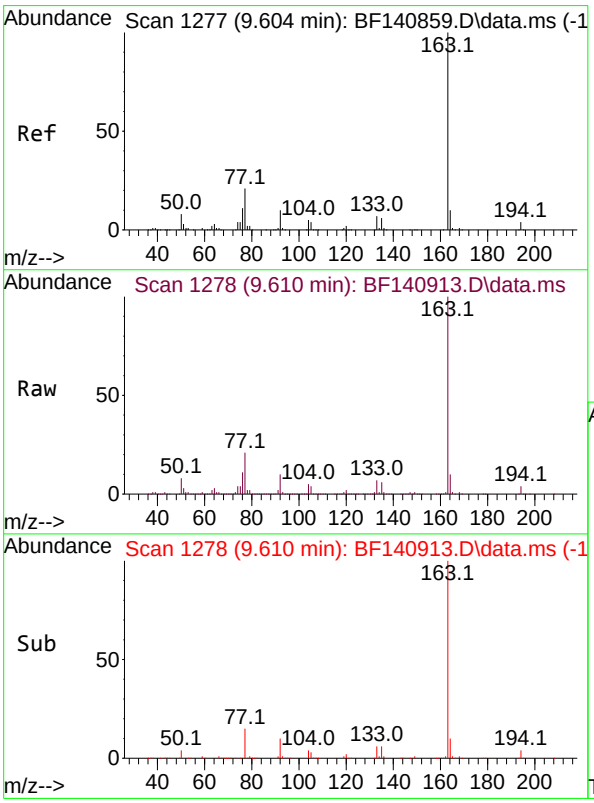
#49
Acenaphthylene
Concen: 57.404 ng
RT: 9.751 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:152 Resp: 749641

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.1	10.6	16.0

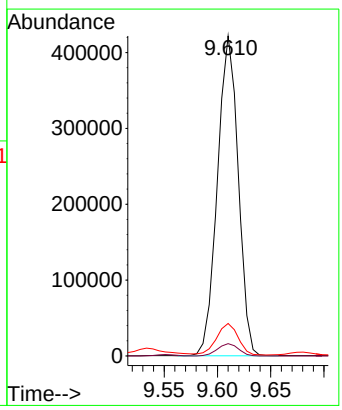


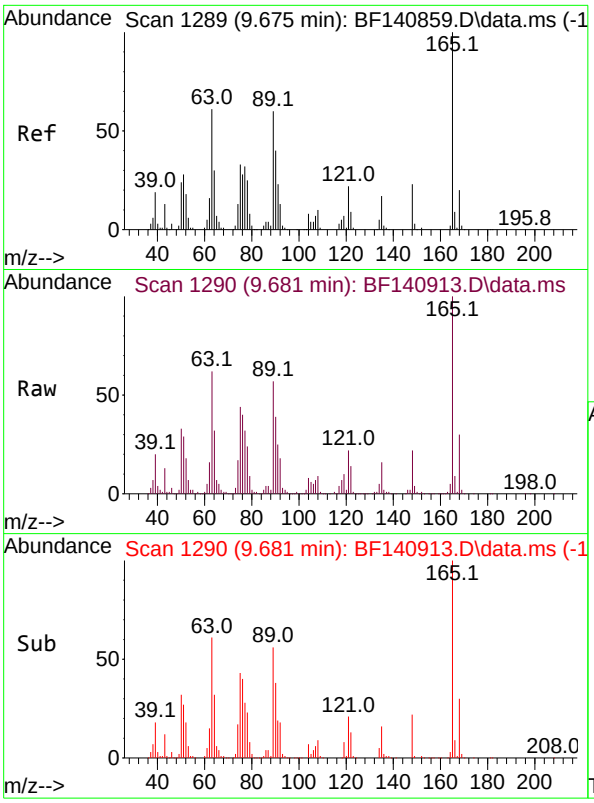


#50
Dimethylphthalate
Concen: 55.479 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:163 Resp: 571367

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.2	8.1	12.1



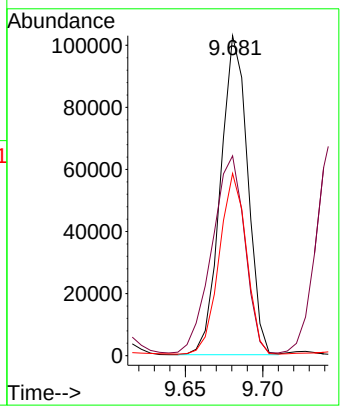


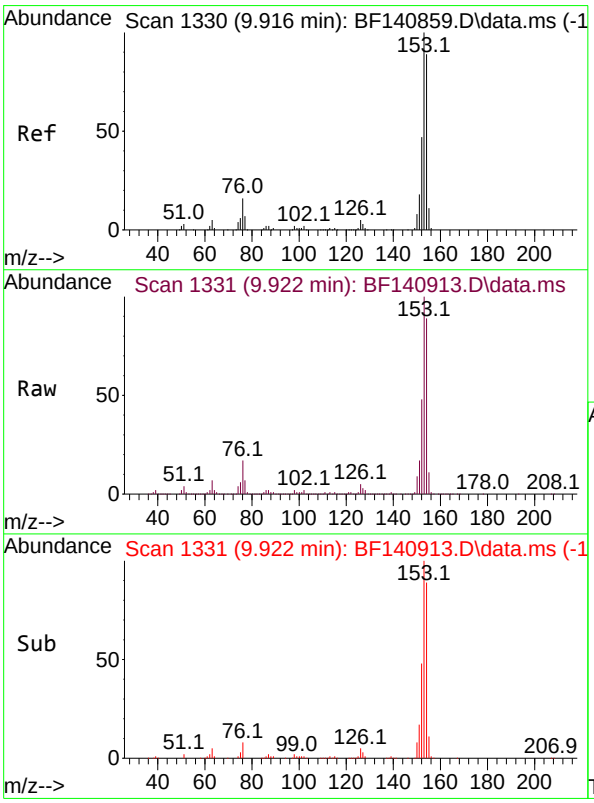
#51
2,6-Dinitrotoluene
Concen: 53.265 ng
RT: 9.681 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:165 Resp: 125408

Ion	Ratio	Lower	Upper
165	100		
63	62.5	49.7	74.5
89	56.9	48.2	72.4

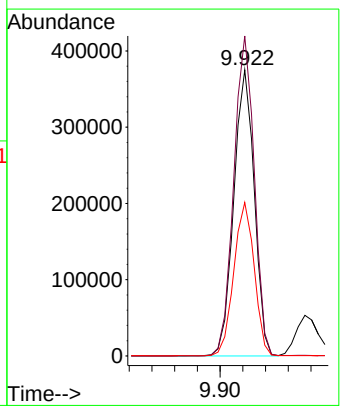


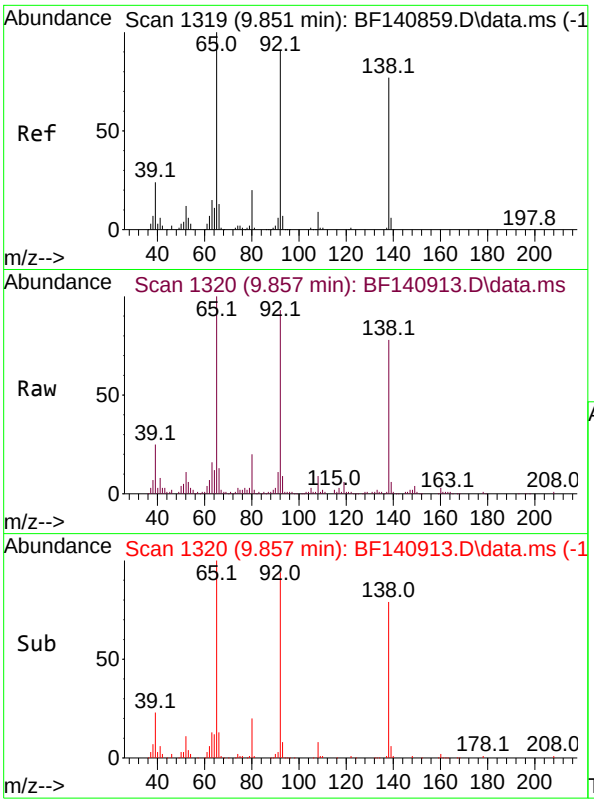


#52
Acenaphthene
Concen: 56.231 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:154 Resp: 469069

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.9	134.9
152	53.6	42.6	63.8



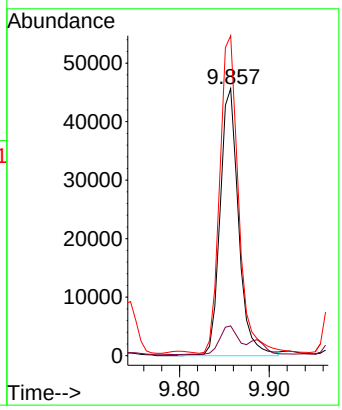


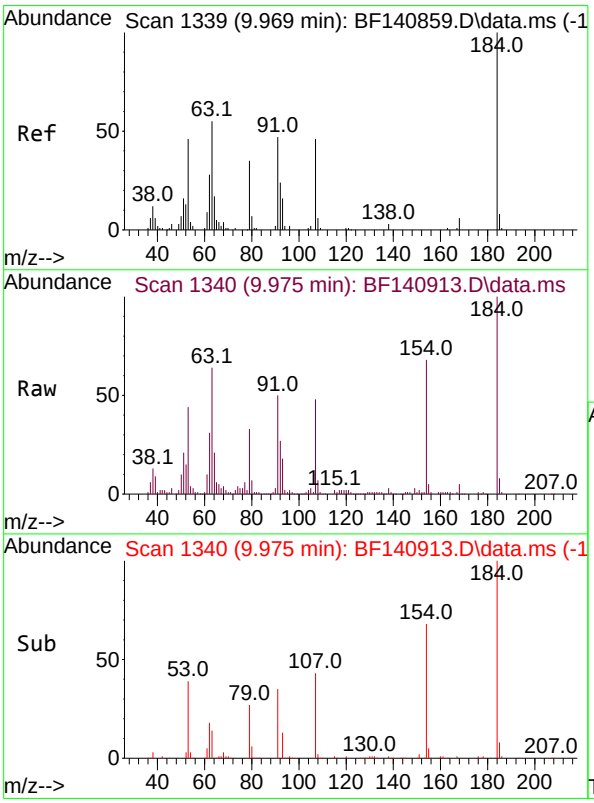
#53
3-Nitroaniline
Concen: 27.888 ng
RT: 9.857 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:138 Resp: 65160

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	119.8	95.5	143.3

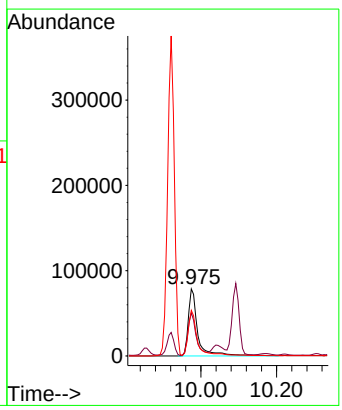


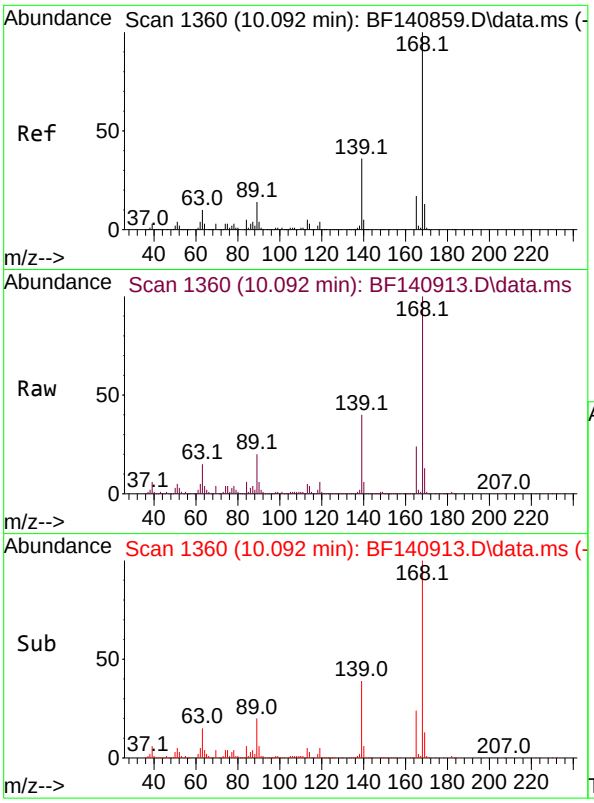


#54
2,4-Dinitrophenol
Concen: 116.014 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:184 Resp: 136957

Ion	Ratio	Lower	Upper
184	100		
63	64.3	51.6	77.4
154	68.0	56.1	84.1



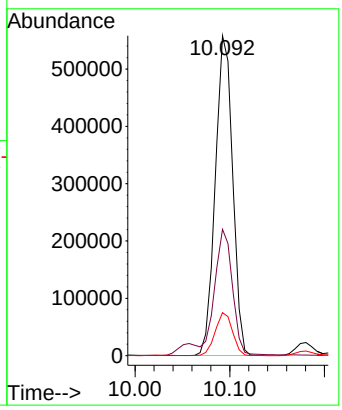


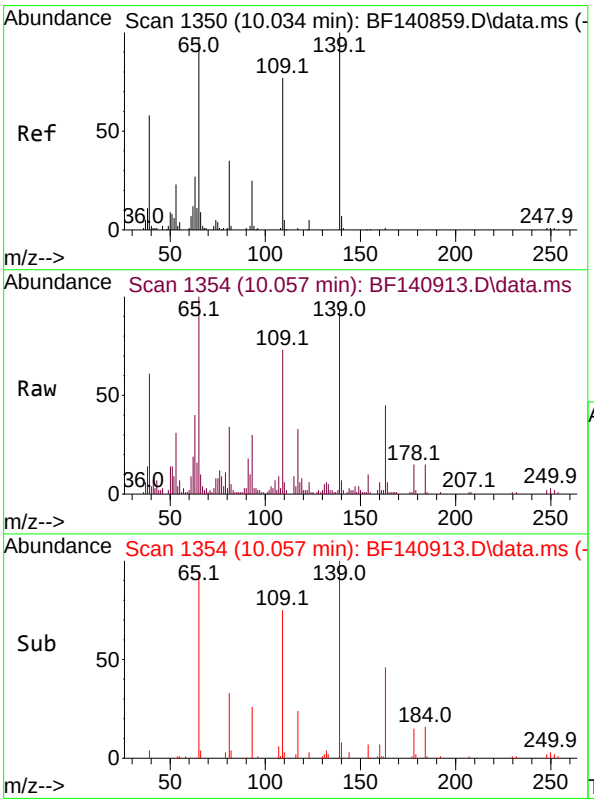
#55
Dibenzofuran
Concen: 55.039 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:168 Resp: 711446

Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.1	46.7
169	13.4	10.6	16.0

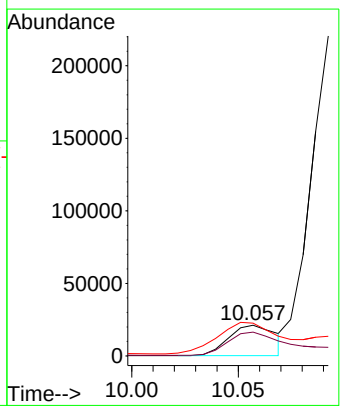


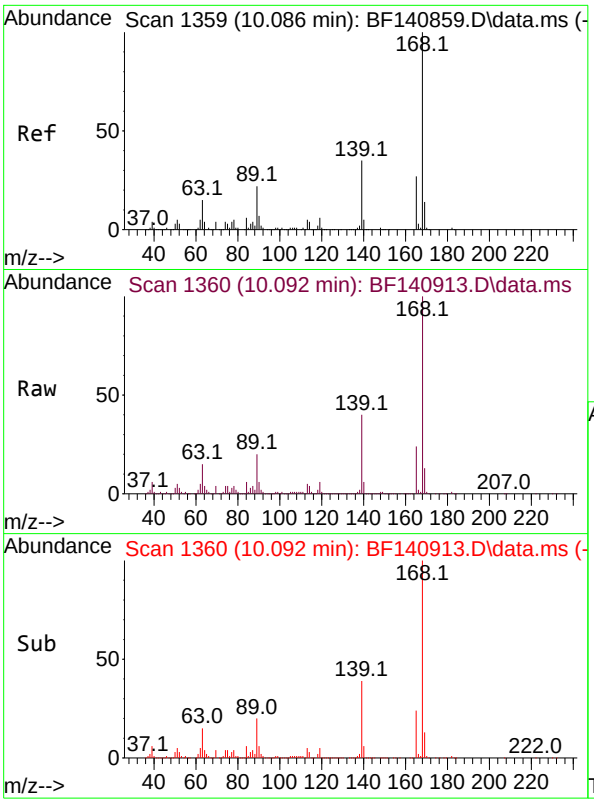


#56
4-Nitrophenol
Concen: 28.336 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.023 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:139 Resp: 31796

Ion	Ratio	Lower	Upper
139	100		
109	77.5	56.7	96.7
65	106.6	78.1	118.1



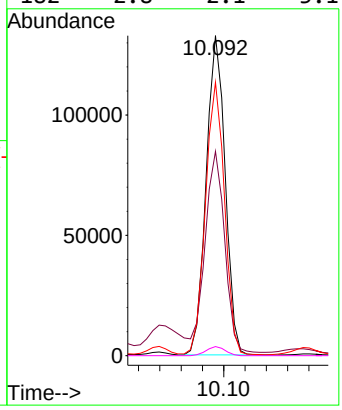


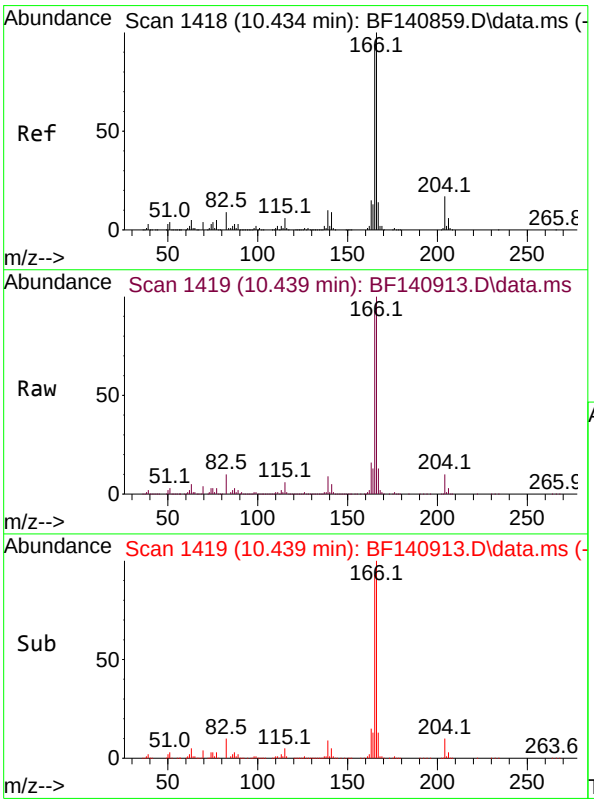
#57
2,4-Dinitrotoluene
Concen: 53.226 ng
RT: 10.092 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:165 Resp: 164882

Ion	Ratio	Lower	Upper
165	100		
63	63.9	49.3	73.9
89	85.4	66.2	99.4
182	2.8	2.1	3.1

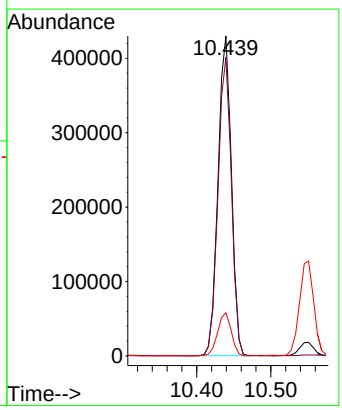


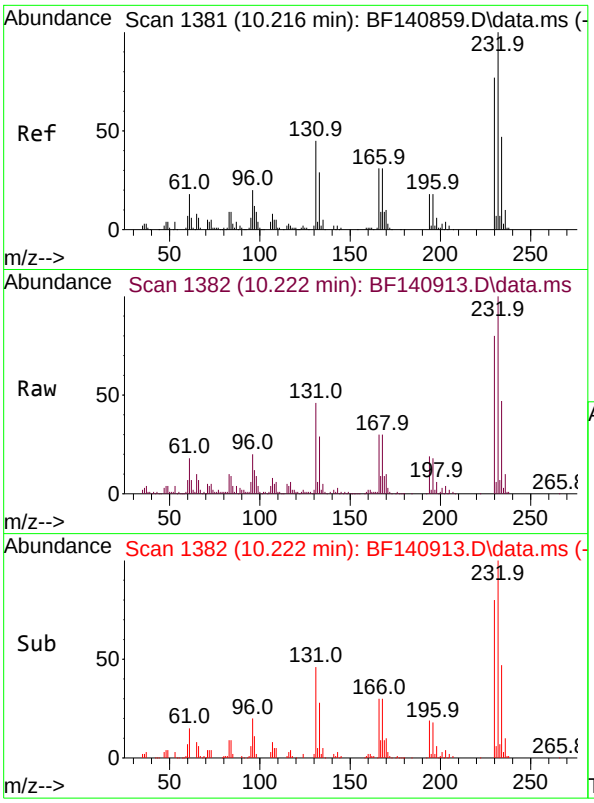


#58
Fluorene
Concen: 50.593 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:166 Resp: 539522

Ion	Ratio	Lower	Upper
166	100		
165	93.3	75.1	112.7
167	13.5	11.1	16.7



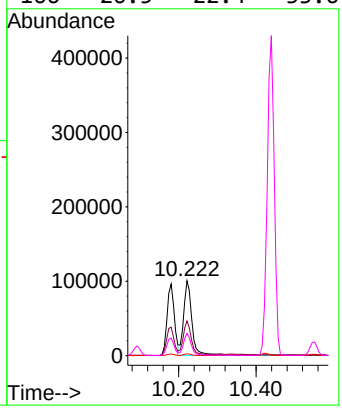


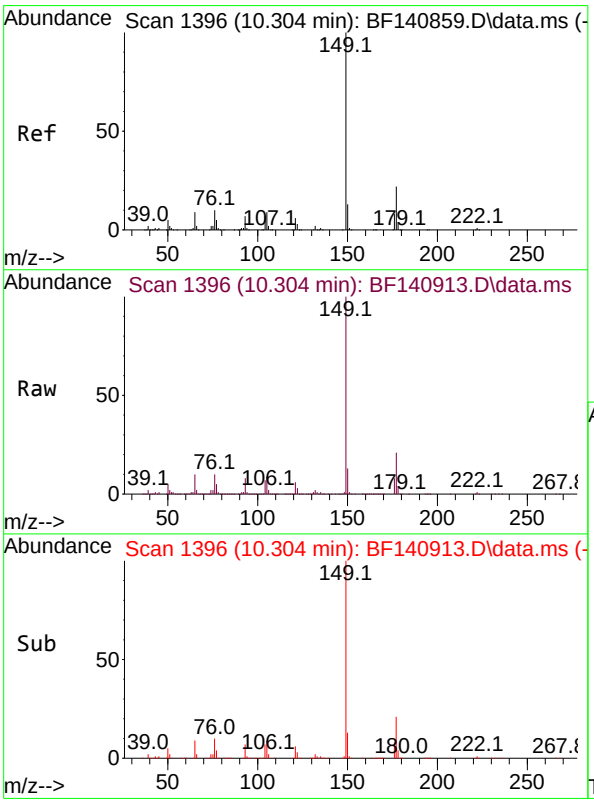
#59
2,3,4,6-Tetrachlorophenol
Concen: 61.764 ng
RT: 10.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:232 Resp: 152084

Ion	Ratio	Lower	Upper
232	100		
131	41.7	35.1	52.7
130	2.2	1.8	2.8
166	26.5	22.4	33.6

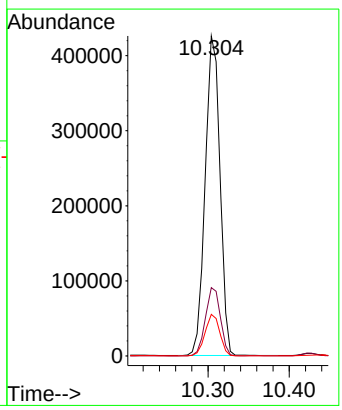


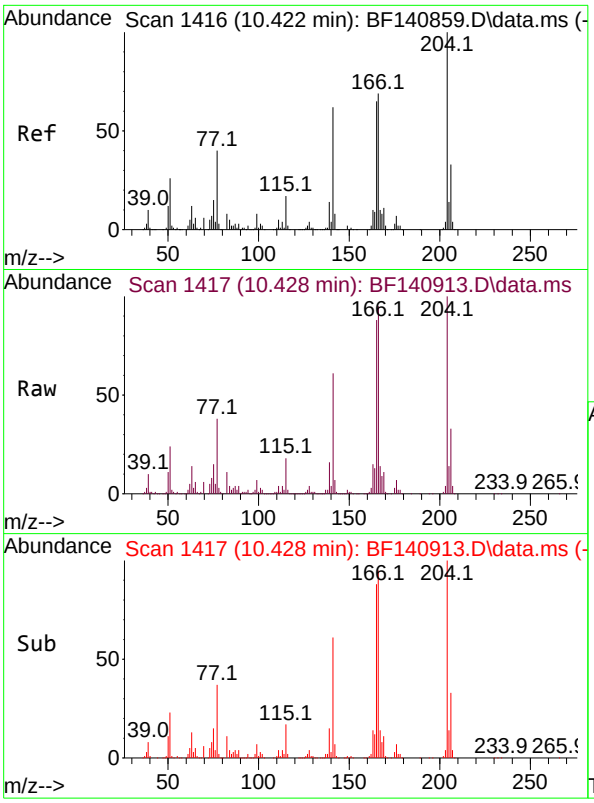


#60
Diethylphthalate
Concen: 50.400 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:149 Resp: 538247

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.2	25.8
150	13.0	10.1	15.1



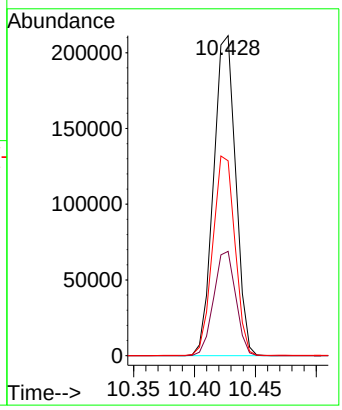


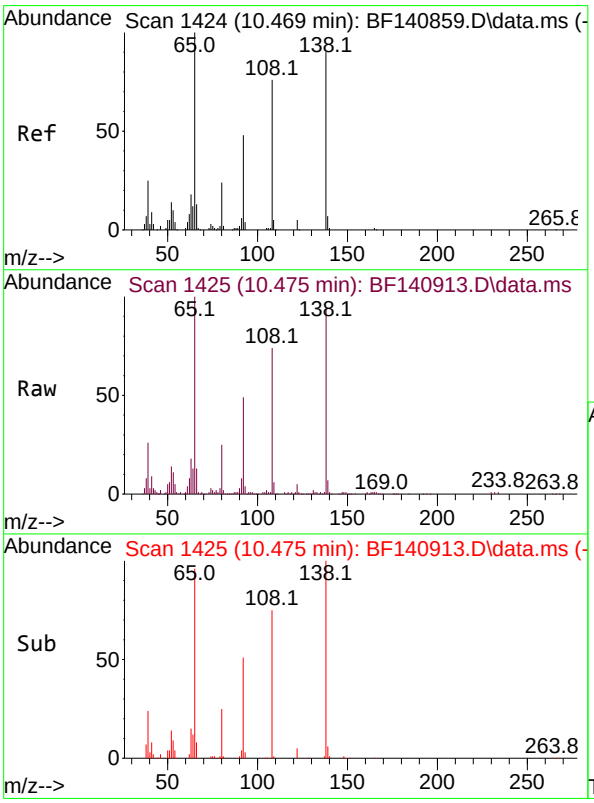
#61
4-Chlorophenyl-phenylether
Concen: 49.933 ng
RT: 10.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:204 Resp: 267481

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	60.9	50.0	75.0

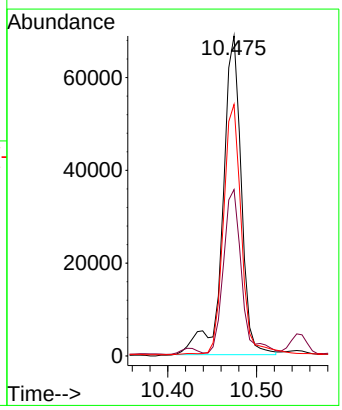


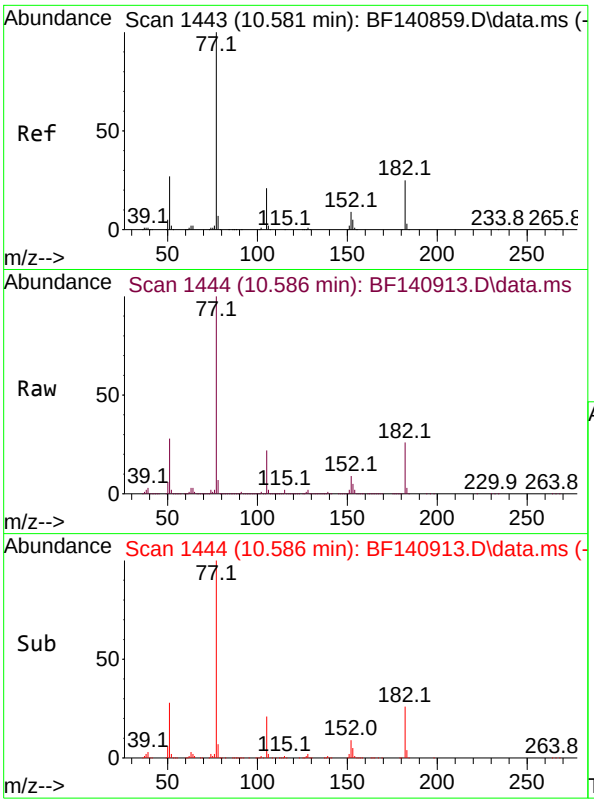


#62
4-Nitroaniline
Concen: 40.801 ng m
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:138 Resp: 99619

Ion	Ratio	Lower	Upper
138	100		
92	52.0	32.6	72.6
108	78.6	64.1	104.1



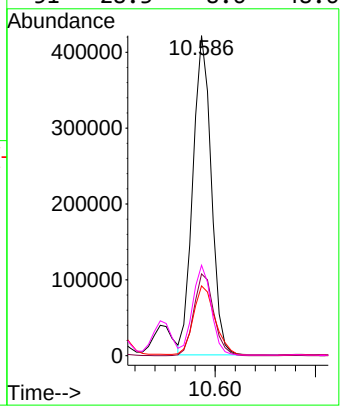


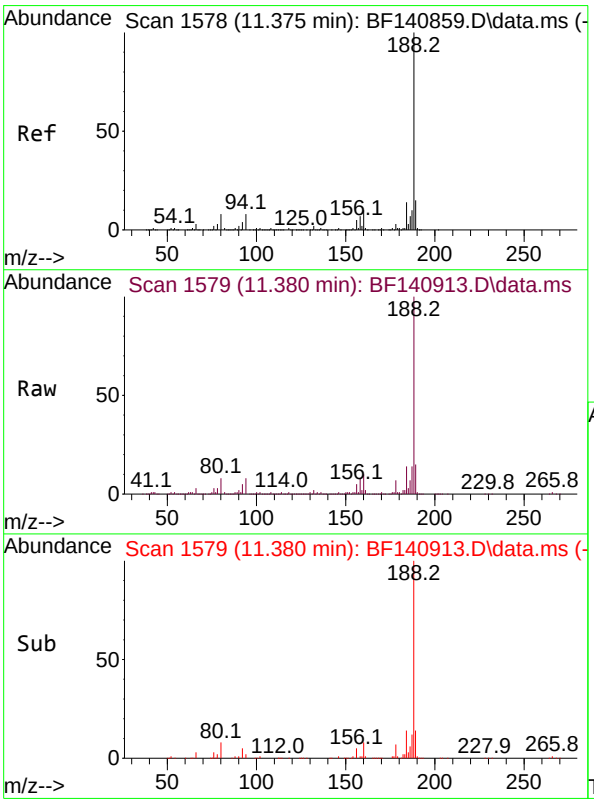
#63
Azobenzene
Concen: 53.383 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion: 77 Resp: 535961

Ion	Ratio	Lower	Upper
77	100		
182	25.6	4.5	44.5
105	21.8	0.9	40.9
51	28.3	8.6	48.6

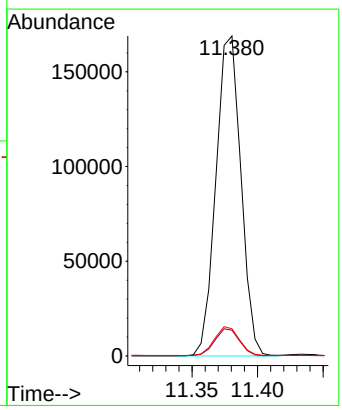


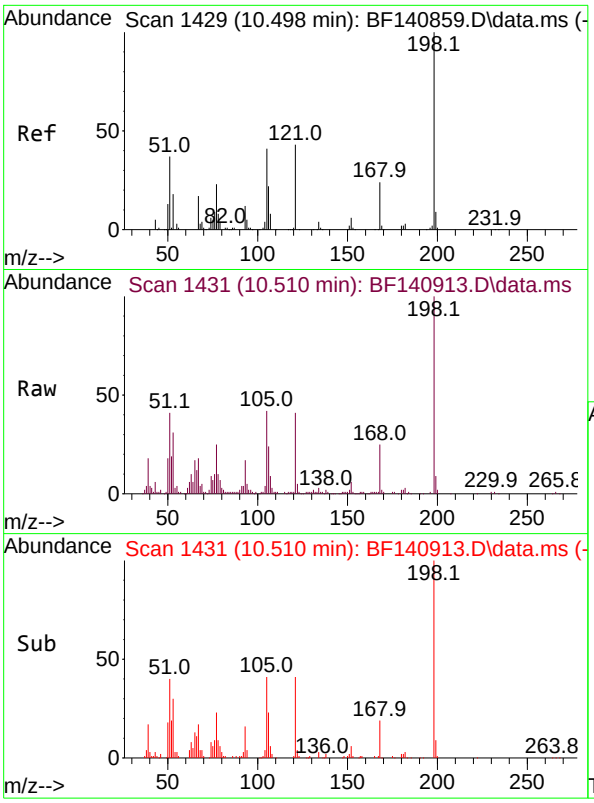


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:188 Resp: 223868

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	8.5	6.8	10.2



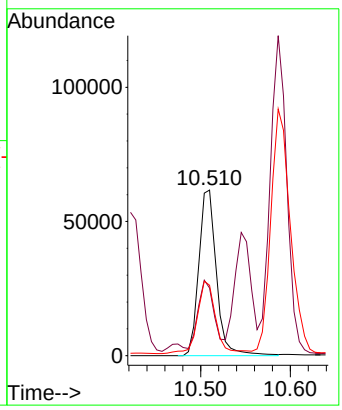


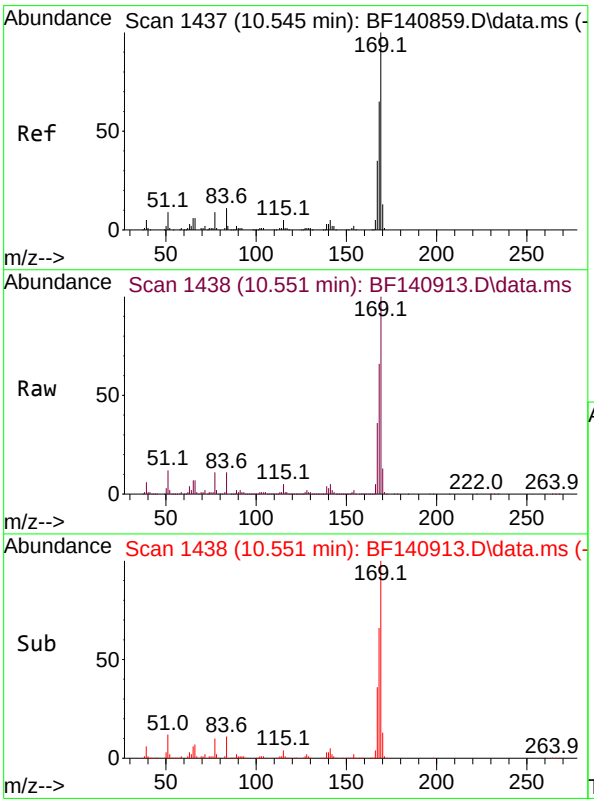
#65
4,6-Dinitro-2-methylphenol
Concen: 66.618 ng
RT: 10.510 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:198 Resp: 84509

Ion	Ratio	Lower	Upper
198	100		
51	40.9	24.4	64.4
105	42.5	22.1	62.1

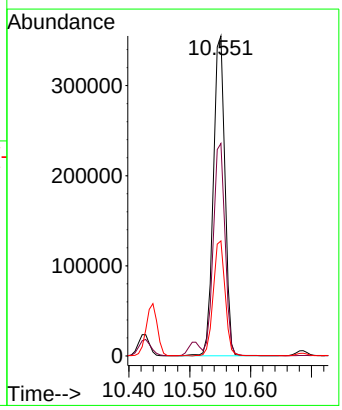


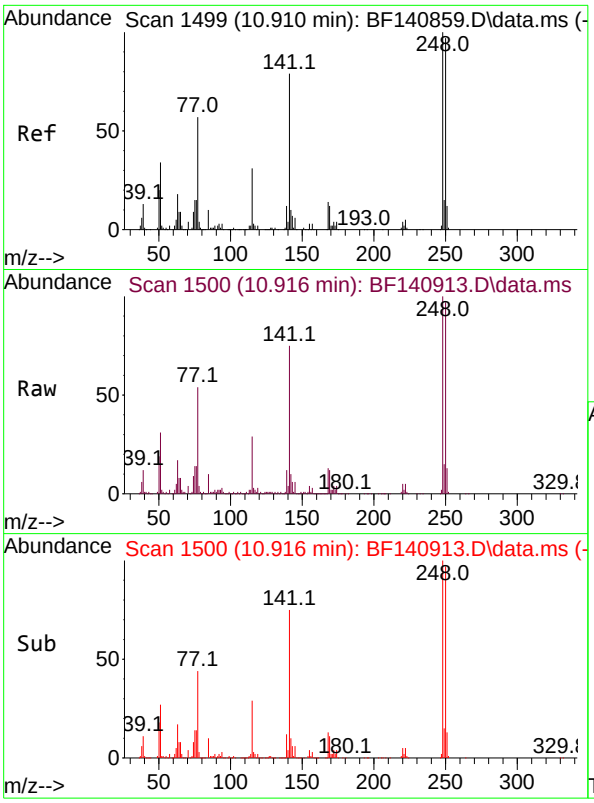


#66
n-Nitrosodiphenylamine
Concen: 68.309 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:169 Resp: 470169

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.4	80.0
167	35.9	28.3	42.5



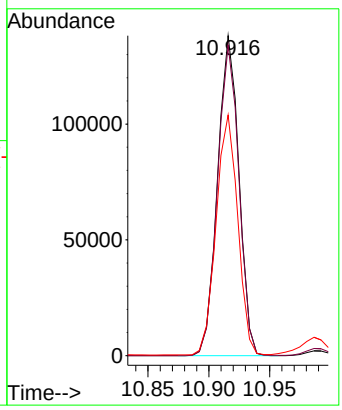


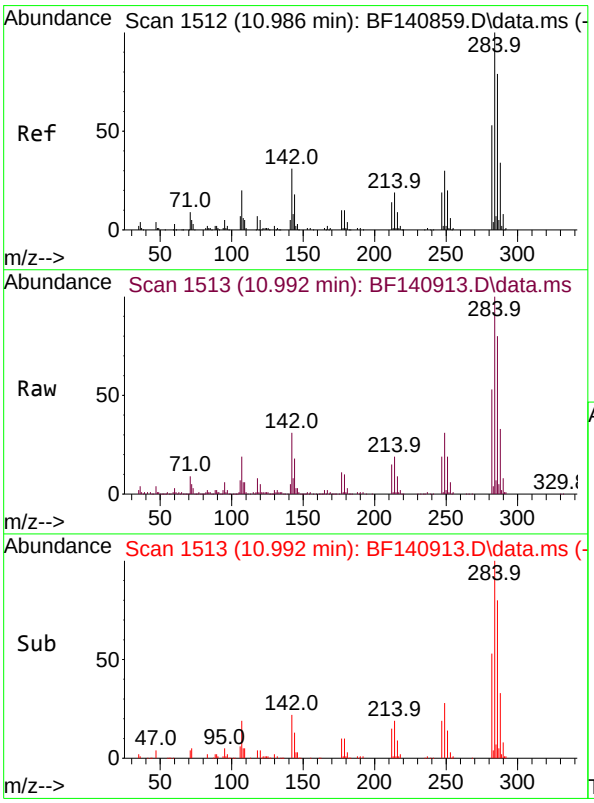
#67
4-Bromophenyl-phenylether
Concen: 67.273 ng
RT: 10.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:248 Resp: 168484

Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.4	116.2
141	75.2	62.9	94.3

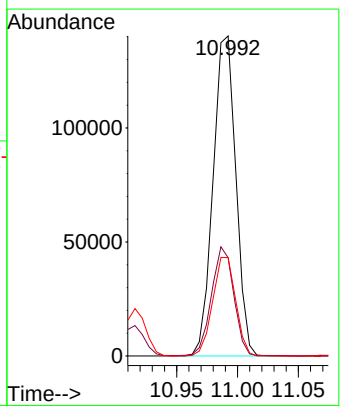


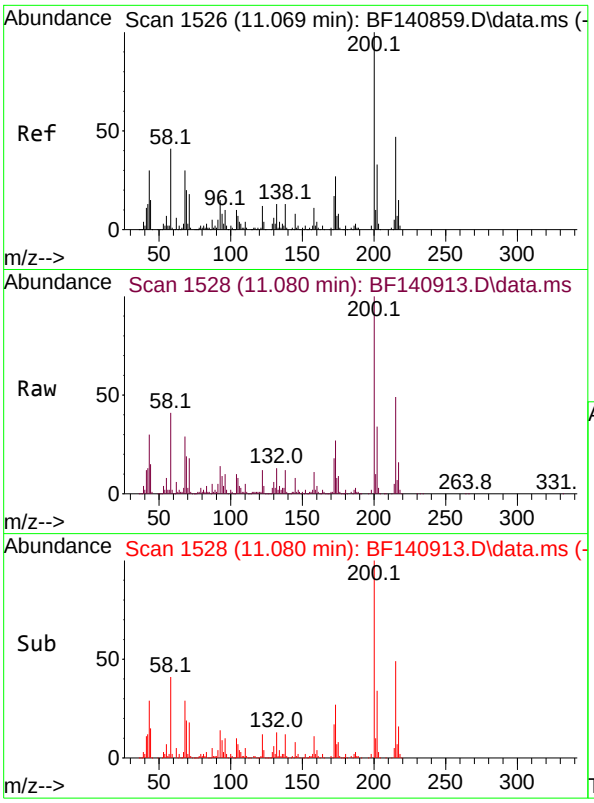


#68
Hexachlorobenzene
Concen: 64.288 ng
RT: 10.992 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:284 Resp: 182549

Ion	Ratio	Lower	Upper
284	100		
142	30.7	24.6	36.8
249	30.8	24.3	36.5



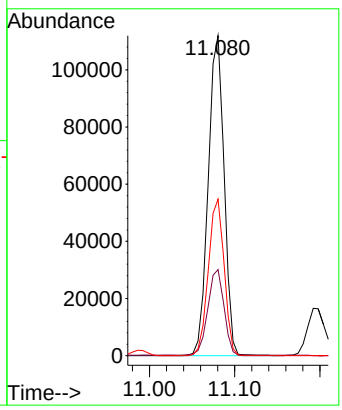


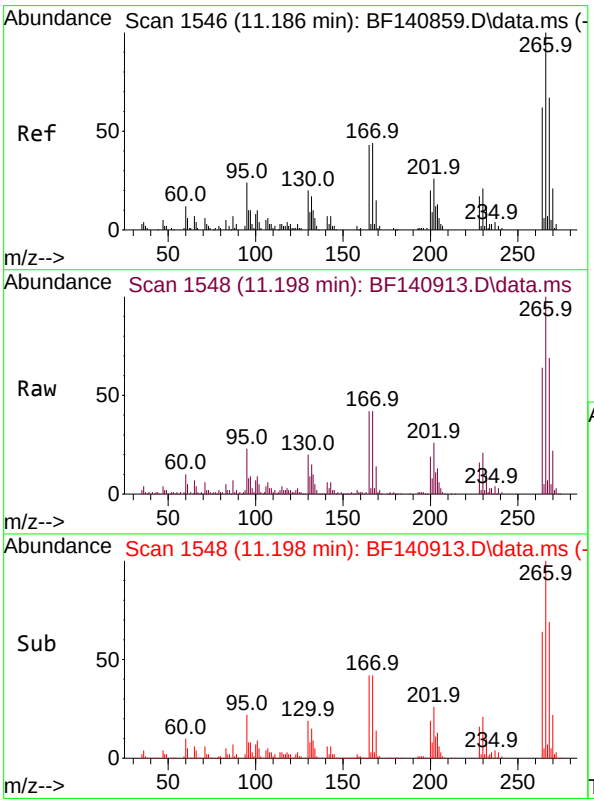
#69
Atrazine
Concen: 75.385 ng
RT: 11.080 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:200 Resp: 144914

Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.6	46.6
215	48.9	26.7	66.7

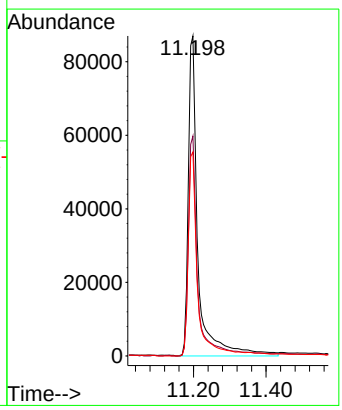


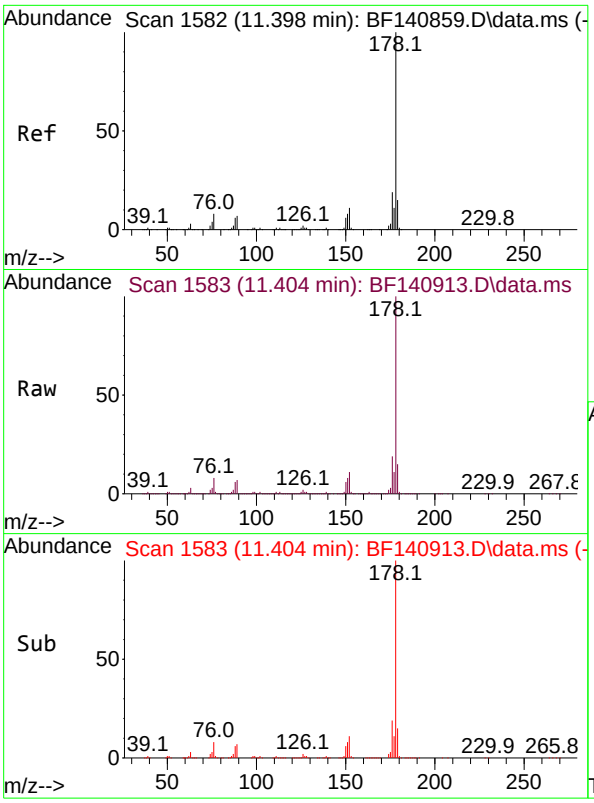


#70
Pentachlorophenol
Concen: 155.865 ng
RT: 11.198 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:266 Resp: 161812

Ion	Ratio	Lower	Upper
266	100		
268	68.7	54.0	81.0
264	63.7	49.4	74.2



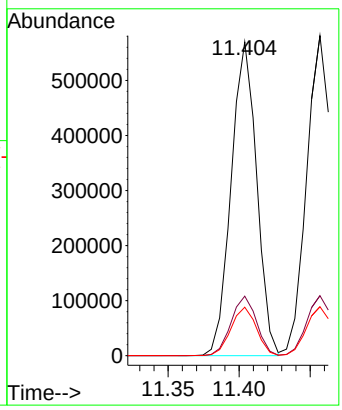


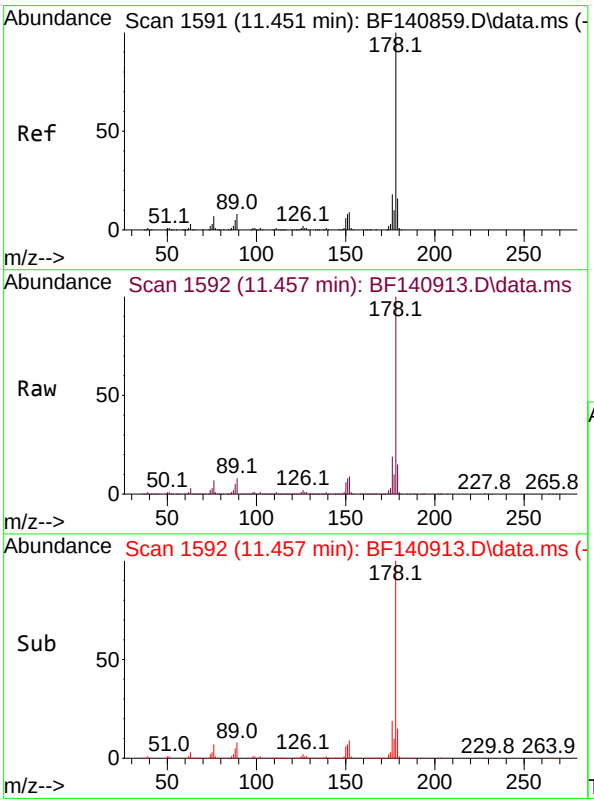
#71
Phenanthrene
Concen: 61.845 ng
RT: 11.404 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:178 Resp: 711972

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.1	18.1

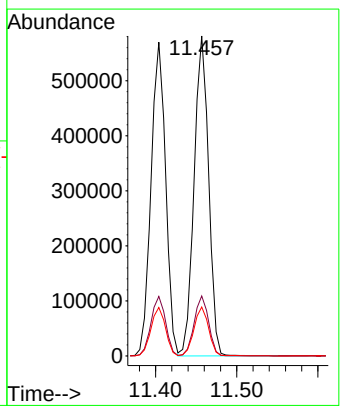


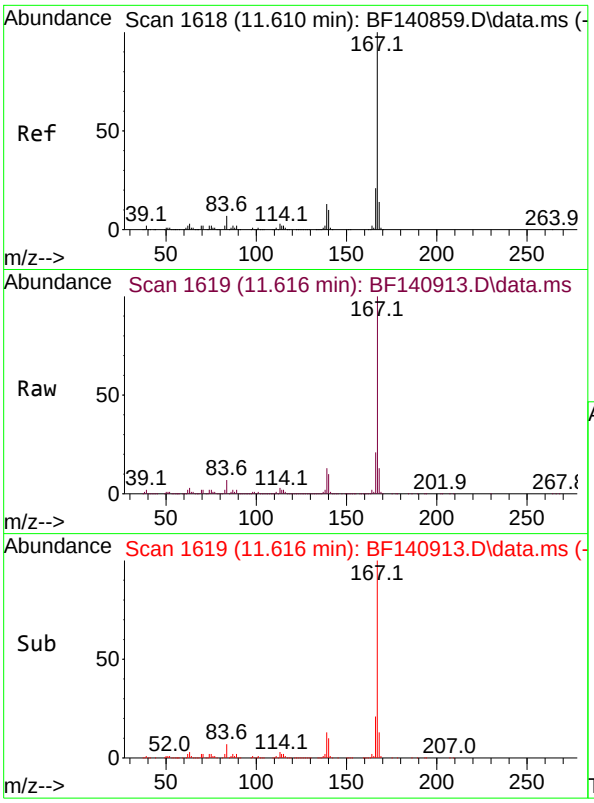


#72
Anthracene
Concen: 63.754 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:178 Resp: 722802

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.3	12.6	18.8



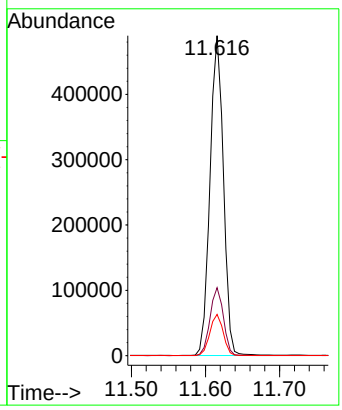


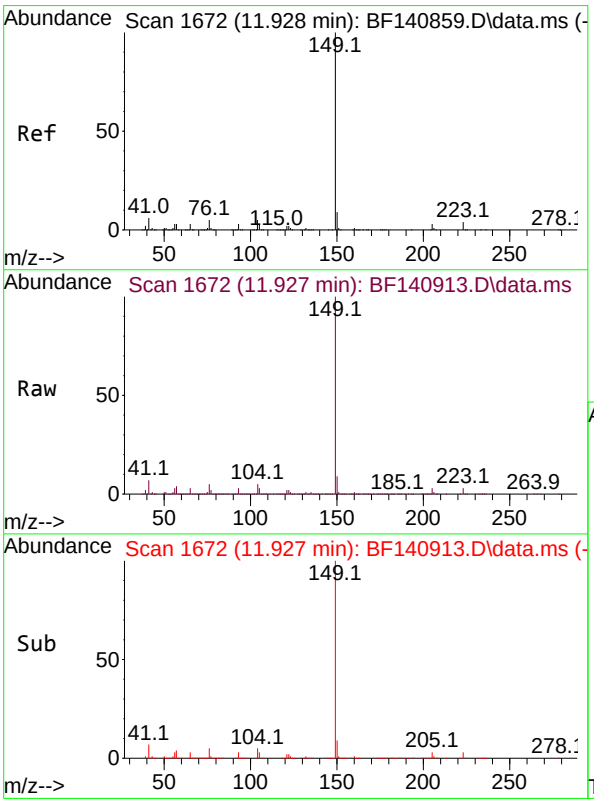
#73
Carbazole
Concen: 55.394 ng
RT: 11.616 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:167 Resp: 615128

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.9	10.2	15.2

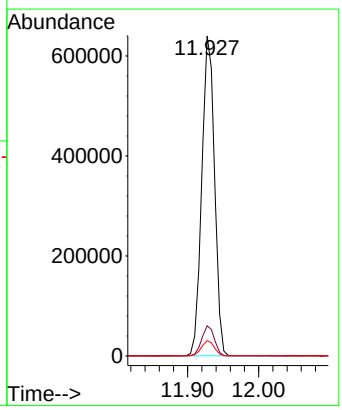


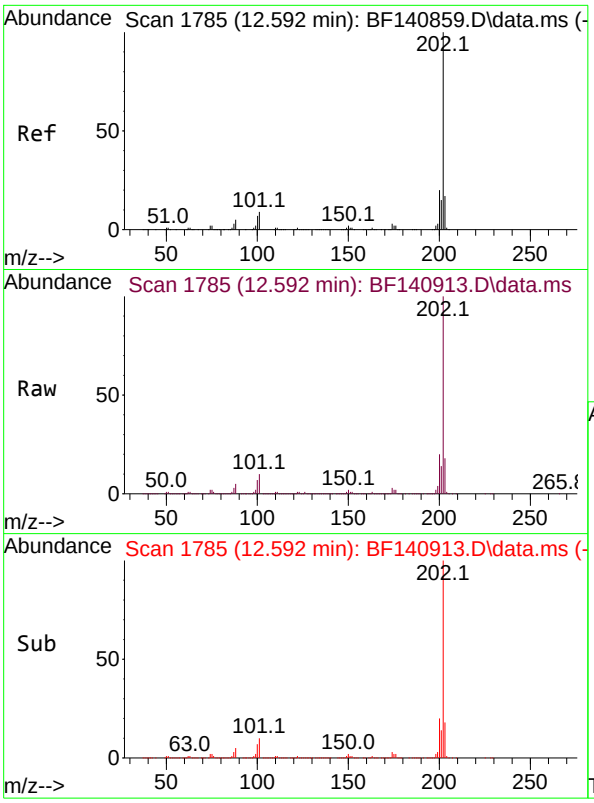


#74
Di-n-butylphthalate
Concen: 61.330 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:149 Resp: 799287

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.8	3.8	5.8



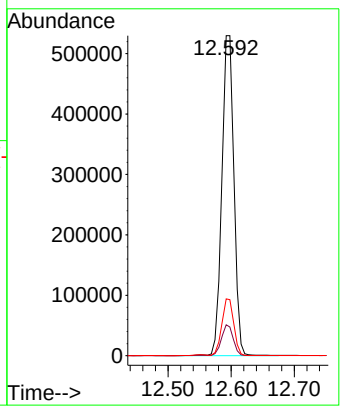


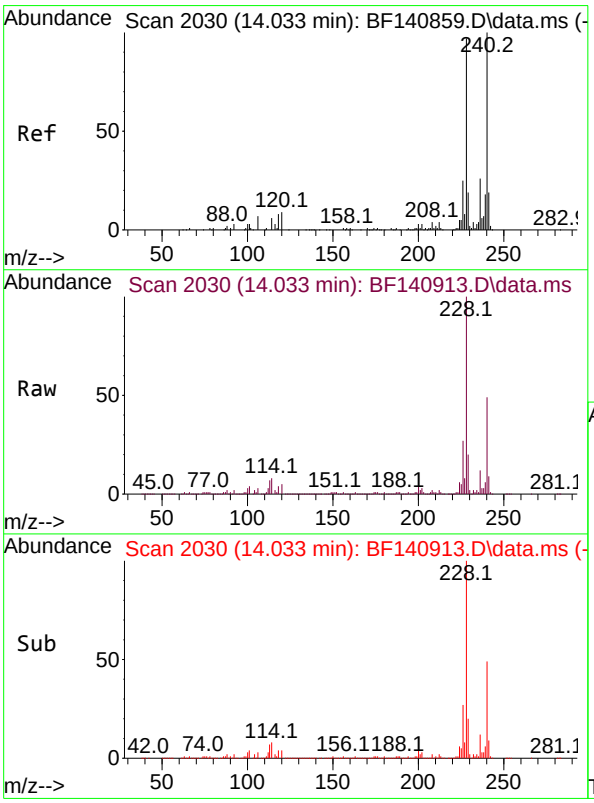
#75
Fluoranthene
Concen: 53.388 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:202 Resp: 707830

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.3
203	17.8	0.0	37.4

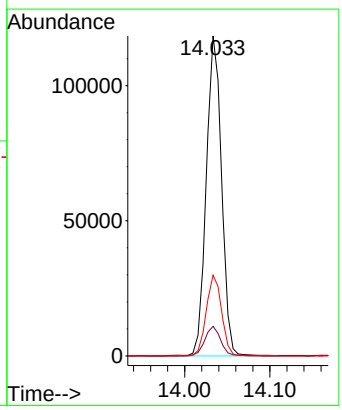


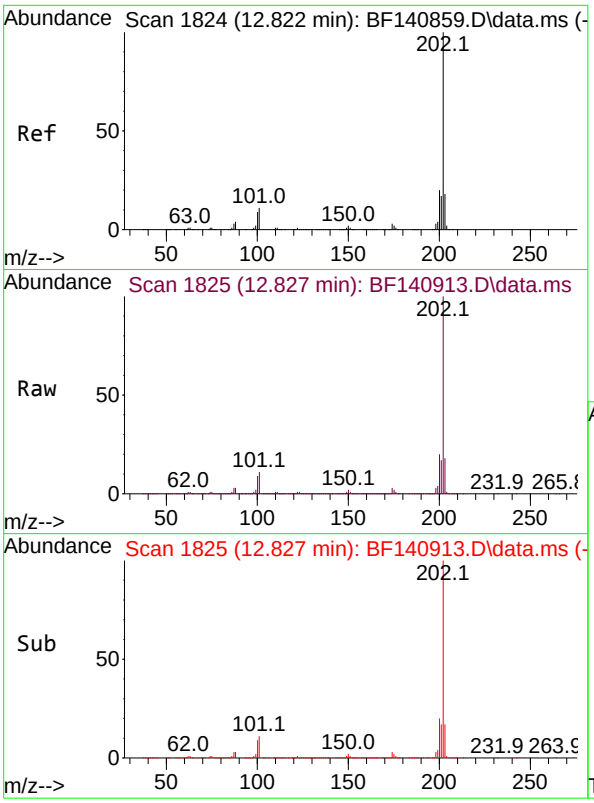


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:240 Resp: 147858

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.6	11.4
236	25.3	20.5	30.7



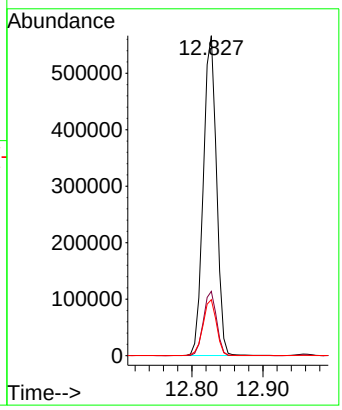


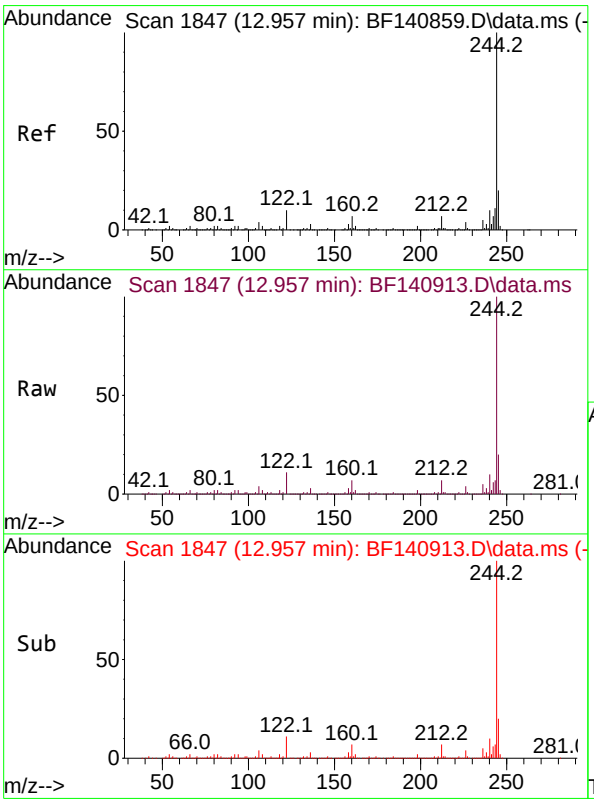
#78
Pyrene
Concen: 55.686 ng
RT: 12.827 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:202 Resp: 732176

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.5	14.2	21.4

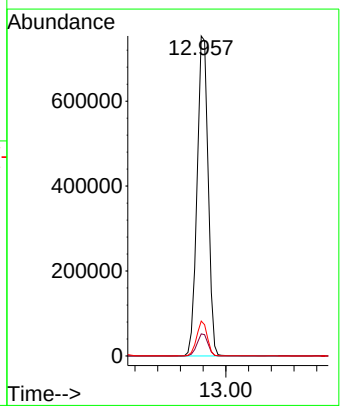


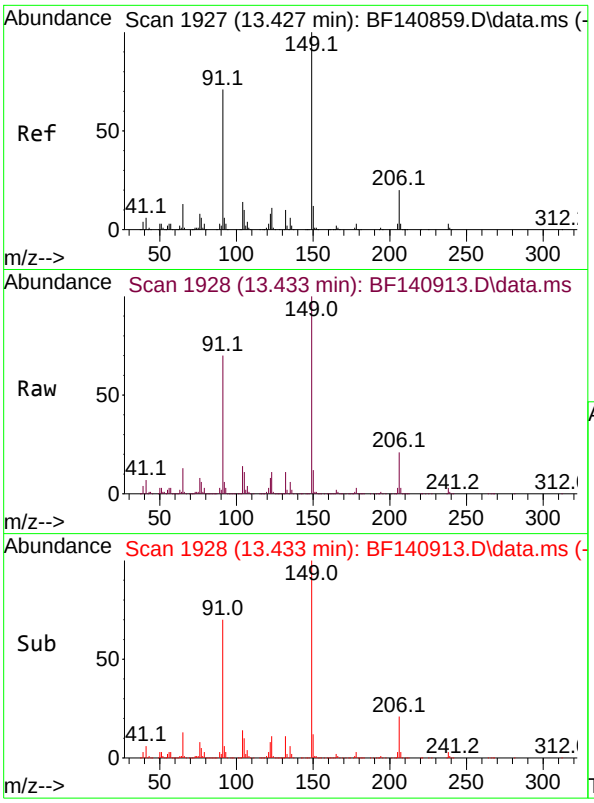


#79
Terphenyl-d14
Concen: 108.795 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:244 Resp: 1020134

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.9	8.2	12.2



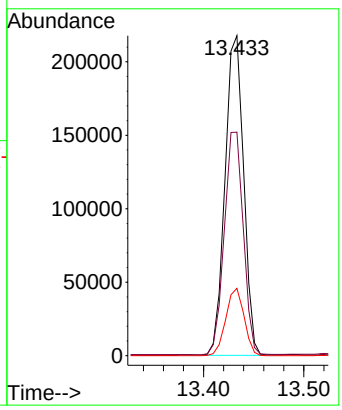


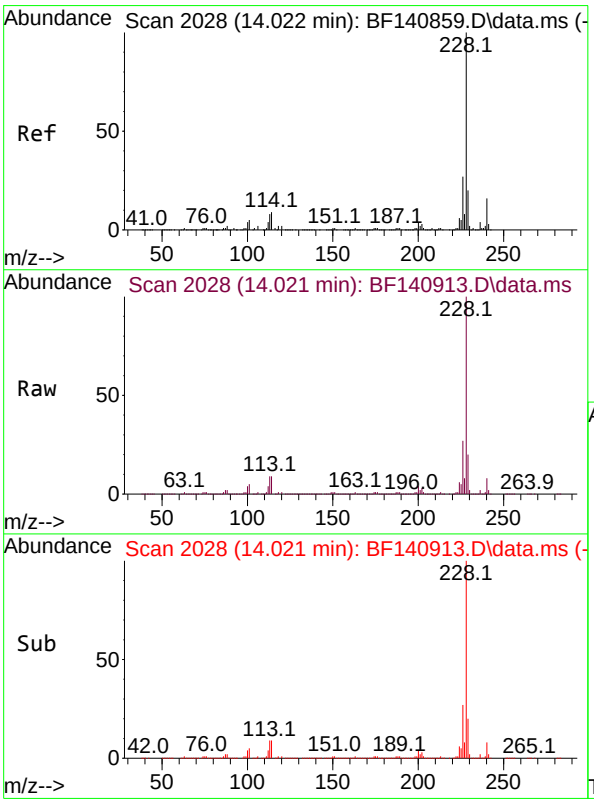
#80
Butylbenzylphthalate
Concen: 57.914 ng
RT: 13.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:149 Resp: 280186

Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.7	85.1
206	21.1	16.4	24.6

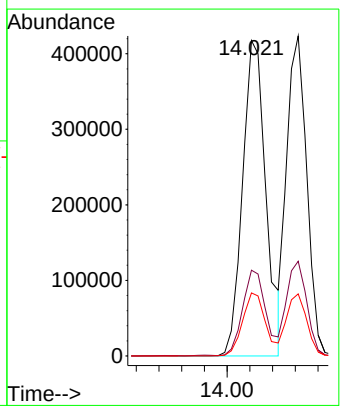


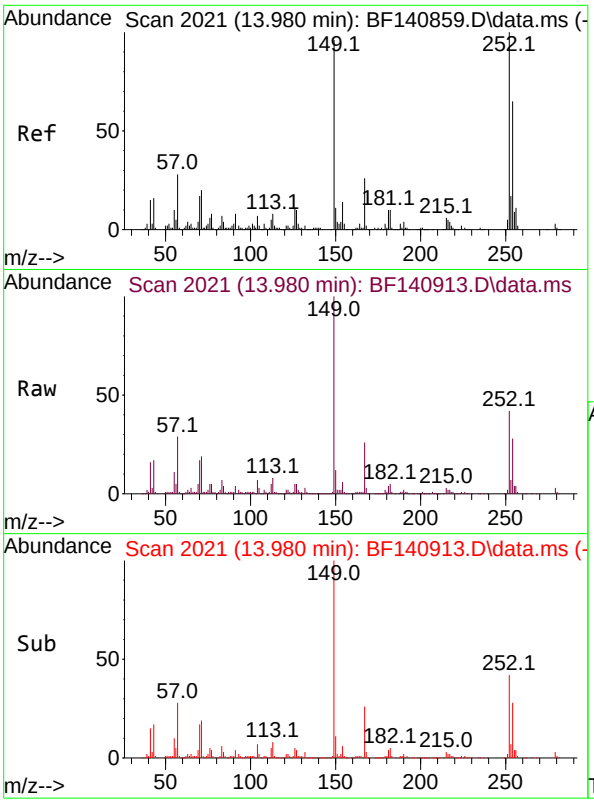


#81
Benzo(a)anthracene
Concen: 56.894 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:228 Resp: 596198

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	20.0	15.8	23.8



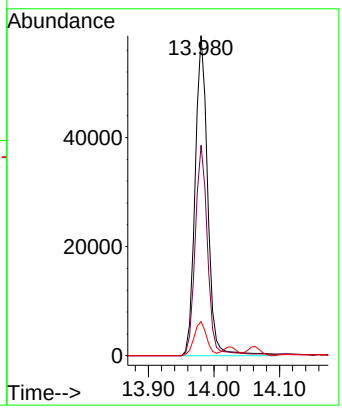


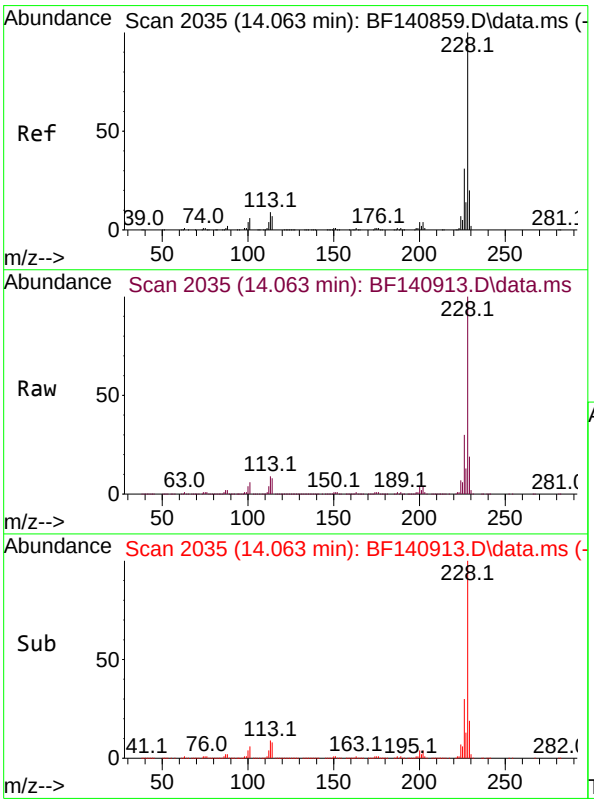
#82
3,3'-Dichlorobenzidine
Concen: 24.888 ng
RT: 13.980 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:252 Resp: 78686

Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.3	78.5
126	10.7	8.4	12.6

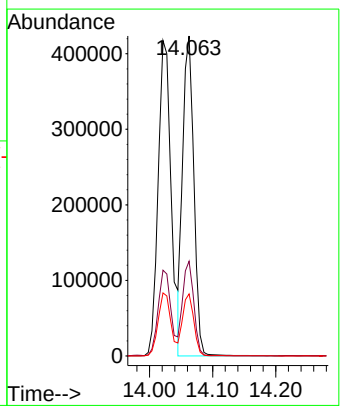


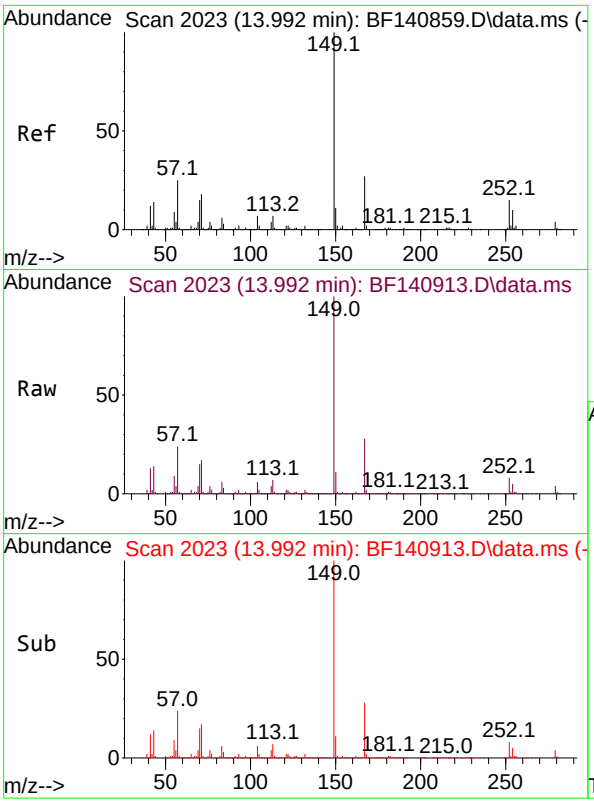


#83
Chrysene
Concen: 54.509 ng
RT: 14.063 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:228 Resp: 519422

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	19.4	16.0	24.0



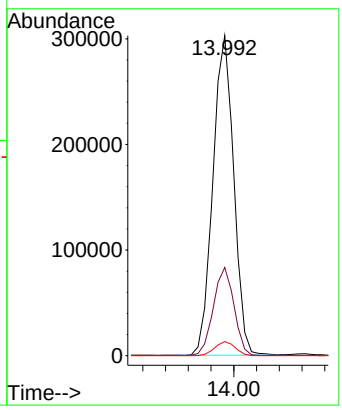


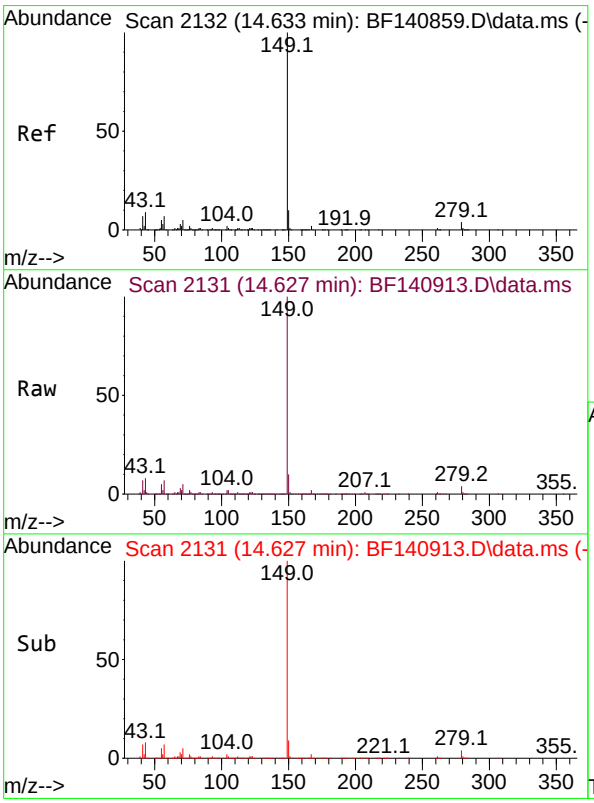
#84
Bis(2-ethylhexyl)phthalate
Concen: 61.862 ng
RT: 13.992 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:149 Resp: 385908

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.8
279	4.4	3.5	5.3

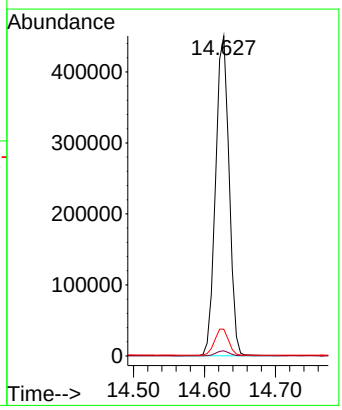


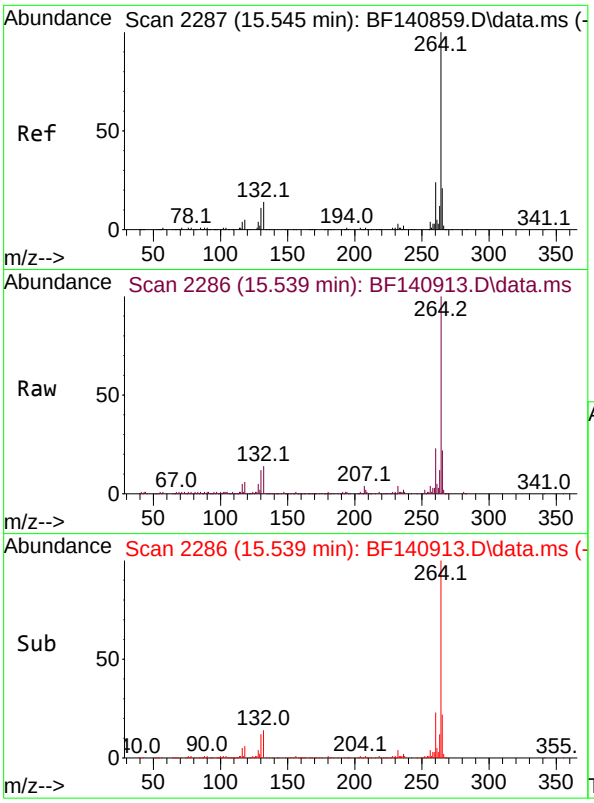


#85
Di-n-octyl phthalate
Concen: 62.767 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:149 Resp: 592378

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	7.0	10.6



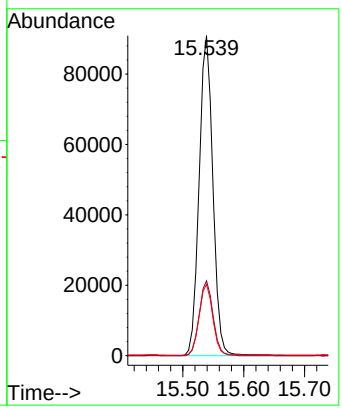


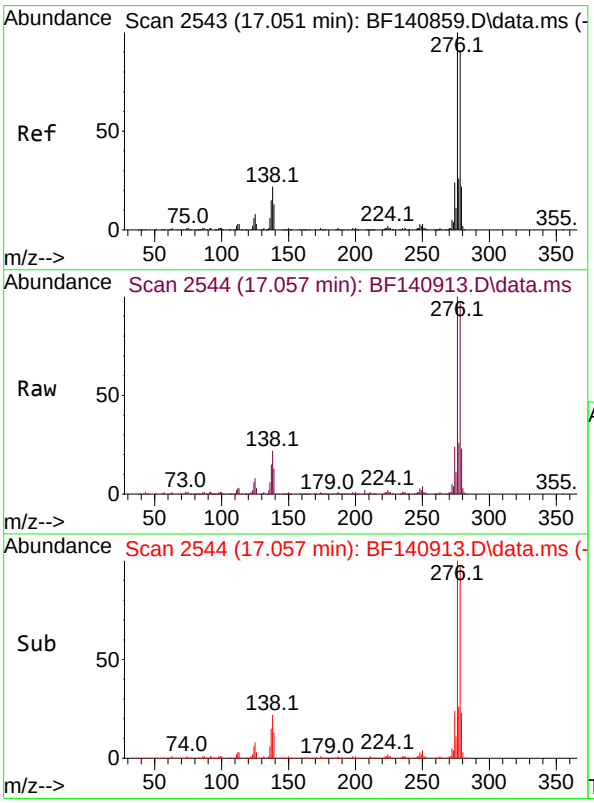
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:264 Resp: 142833

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	22.3	17.0	25.4

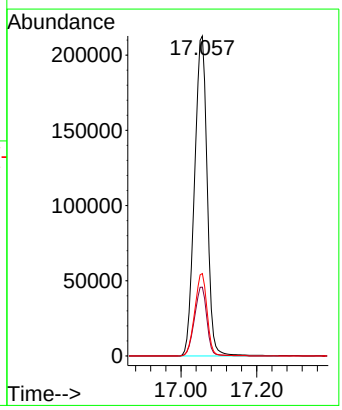


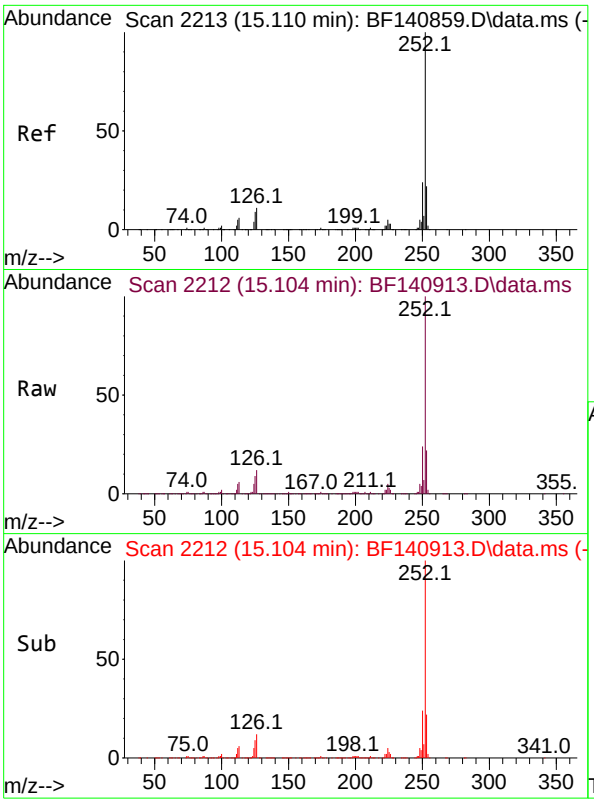


#87
Indeno(1,2,3-cd)pyrene
Concen: 55.447 ng
RT: 17.057 min Scan# 2544
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:276 Resp: 494215

Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.9	25.3
277	25.1	20.2	30.4



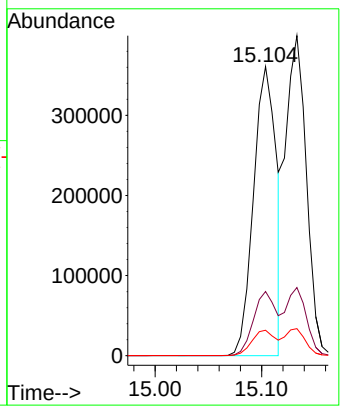


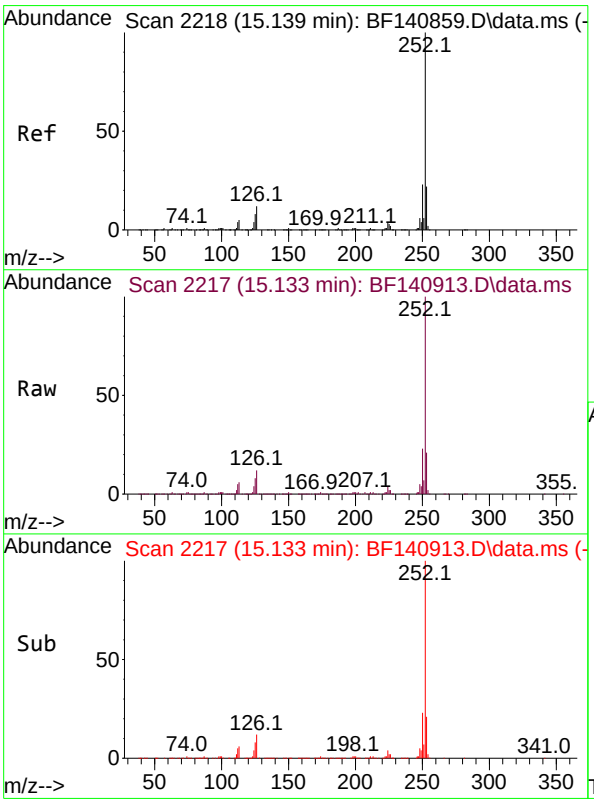
#88
Benzo(b)fluoranthene
Concen: 53.894 ng
RT: 15.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:252 Resp: 534341

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.8	7.0	10.4

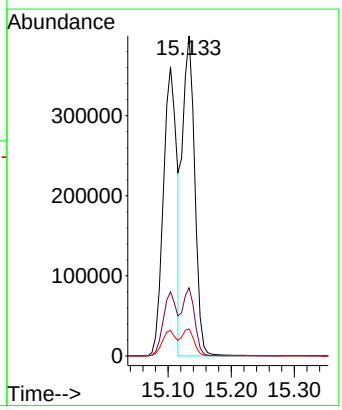


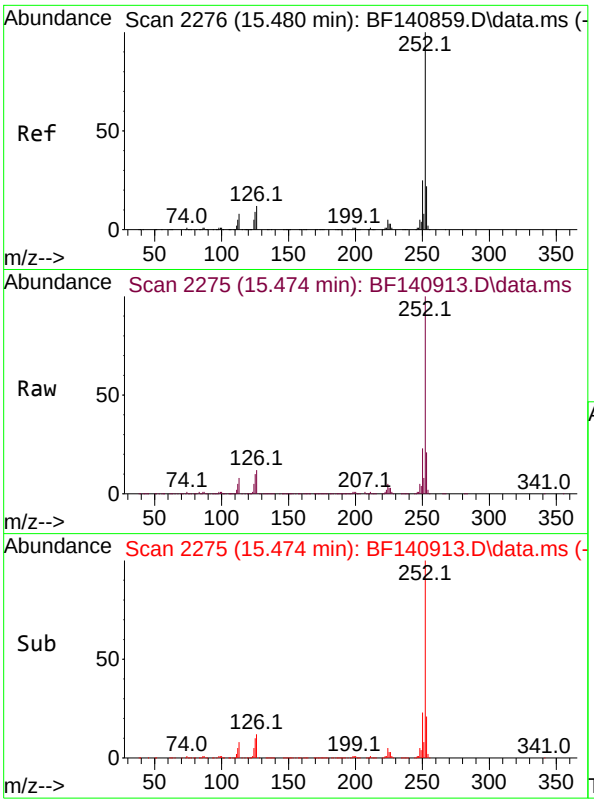


#89
Benzo(k)fluoranthene
Concen: 63.774 ng
RT: 15.133 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:252 Resp: 542390

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	8.4	6.8	10.2



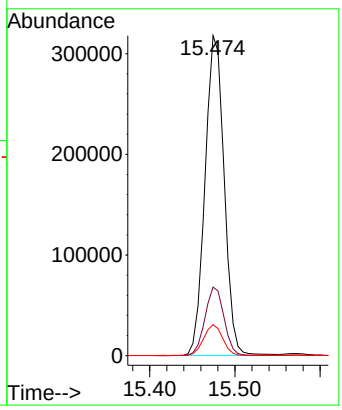


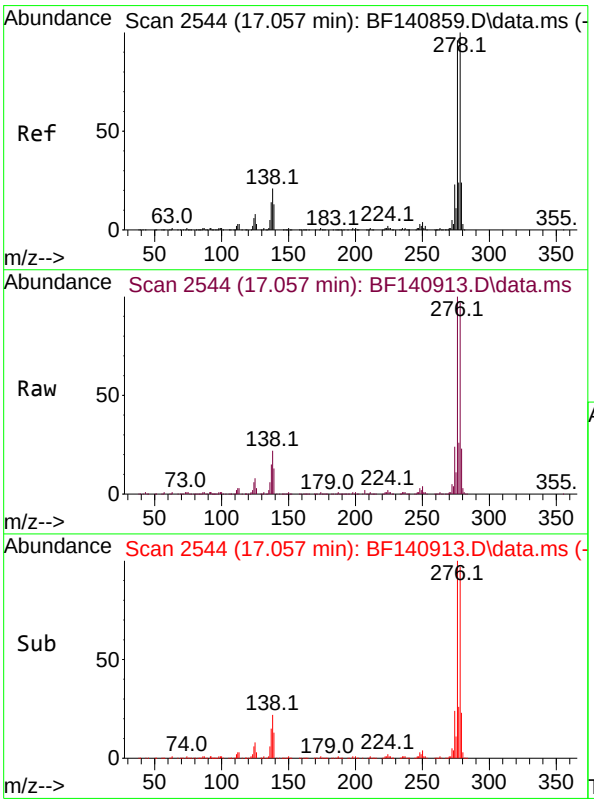
#90
Benzo(a)pyrene
Concen: 64.034 ng
RT: 15.474 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:252 Resp: 497133

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	9.7	7.5	11.3

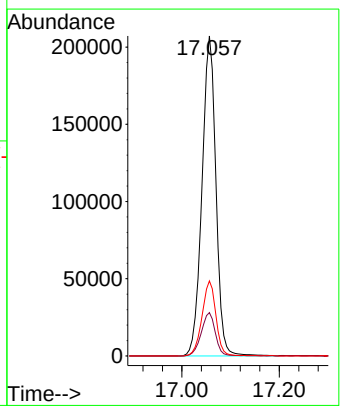


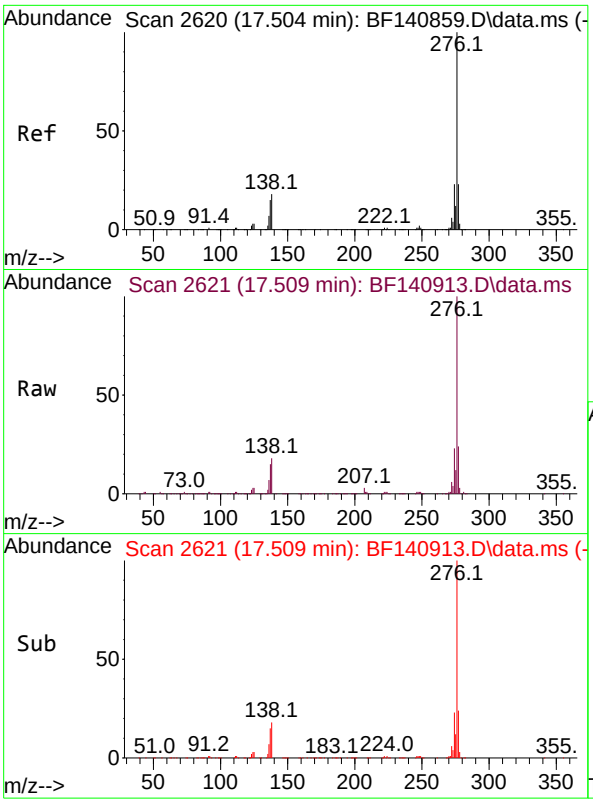


#91
Dibenzo(a,h)anthracene
Concen: 55.715 ng
RT: 17.057 min Scan# 2544
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:278 Resp: 411411

Ion	Ratio	Lower	Upper
278	100		
139	13.6	10.6	16.0
279	23.5	19.2	28.8



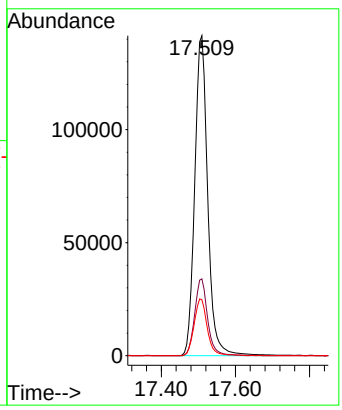


#92
Benzo(g,h,i)perylene
Concen: 45.799 ng
RT: 17.509 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion:276 Resp: 344200

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	17.5	14.2	21.2



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Manual Integration Report

Sequence:	BF121624	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF140857.D	4-Nitrophenol	yogesh	12/18/2024 1:39:47 AM	mohammad	12/18/2024 2:36:39 AM	Peak Integrated by Software
SSTDICC010	BF140857.D	Pentachlorophenol	yogesh	12/18/2024 1:39:47 AM	mohammad	12/18/2024 2:36:39 AM	Peak Integrated by Software
SSTDICC020	BF140858.D	Pentachlorophenol	yogesh	12/18/2024 1:39:48 AM	mohammad	12/18/2024 2:36:39 AM	Peak Integrated by Software
SSTDICC080	BF140862.D	Caprolactam	yogesh	12/18/2024 1:39:50 AM	mohammad	12/18/2024 2:36:39 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf121824	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB165682BS	BF140902.D	Caprolactam	yogesh	12/21/2024 1:07:49 AM	mohammad	12/21/2024 2:30:36 AM	Peak Integrated by Software
P5291-09MSD	BF140913.D	4-Nitroaniline	yogesh	12/21/2024 1:08:08 AM	mohammad	12/21/2024 2:30:36 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf121924	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:	bf122324	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF140961.D	4-Nitroaniline	Yogesh	12/24/2024 8:42:48 AM	mohammad	12/24/2024 11:31:30 PM	Peak Integrated by Software
SSTDCCC040	BF140961.D	4-Nitrophenol	Yogesh	12/24/2024 8:42:48 AM	mohammad	12/24/2024 11:31:30 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF121624

Review By	yogesh	Review On	12/18/2024 1:40:10 AM		
Supervise By	mohammad	Supervise On	12/18/2024 2:36:39 AM		
SubDirectory	BF121624	HP Acquire Method	BNA_F	HP Processing Method	Bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12331,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF140854.D	16 Dec 2024 11:21	RC/JU	Ok
2	SSTDICC2.5	BF140855.D	16 Dec 2024 12:13	RC/JU	Ok
3	SSTDICC005	BF140856.D	16 Dec 2024 12:39	RC/JU	Ok
4	SSTDICC010	BF140857.D	16 Dec 2024 13:05	RC/JU	Ok,M
5	SSTDICC020	BF140858.D	16 Dec 2024 14:00	RC/JU	Ok,M
6	SSTDICCC040	BF140859.D	16 Dec 2024 14:26	RC/JU	Ok
7	SSTDICC050	BF140860.D	16 Dec 2024 15:23	RC/JU	Ok
8	SSTDICC060	BF140861.D	16 Dec 2024 15:49	RC/JU	Ok
9	SSTDICC080	BF140862.D	16 Dec 2024 16:15	RC/JU	Ok,M
10	SSTDICV040	BF140863.D	16 Dec 2024 16:41	RC/JU	Ok
11	PB165543BL	BF140864.D	16 Dec 2024 17:08	RC/JU	Ok
12	PB165543BS	BF140865.D	16 Dec 2024 17:34	RC/JU	Ok,M
13	PB165590BL	BF140866.D	16 Dec 2024 18:00	RC/JU	Ok
14	PB165479BS	BF140867.D	16 Dec 2024 18:26	RC/JU	Ok,M
15	PB165479BSD	BF140868.D	16 Dec 2024 18:53	RC/JU	Ok,M
16	PB165479BL	BF140869.D	16 Dec 2024 19:19	RC/JU	Ok
17	P5192-02	BF140870.D	16 Dec 2024 19:45	RC/JU	ReRun

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF121824

Review By	yogesh	Review On	12/21/2024 1:11:35 AM		
Supervise By	mohammad	Supervise On	12/21/2024 2:30:36 AM		
SubDirectory	BF121824	HP Acquire Method	BNA_F	HP Processing Method	bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF140895.D	18 Dec 2024 09:41	RC/JU	Ok
2	SSTDCCC040	BF140896.D	18 Dec 2024 10:43	RC/JU	Ok
3	PB165648BL	BF140897.D	18 Dec 2024 11:27	RC/JU	Ok
4	PB165648BS	BF140898.D	18 Dec 2024 11:53	RC/JU	Ok,M
5	PB165685BL	BF140899.D	18 Dec 2024 12:19	RC/JU	Ok
6	PB165685BS	BF140900.D	18 Dec 2024 12:45	RC/JU	Ok,M
7	PB165682BL	BF140901.D	18 Dec 2024 13:12	RC/JU	Ok
8	PB165682BS	BF140902.D	18 Dec 2024 13:37	RC/JU	Ok,M
9	P5270-07DL2	BF140903.D	18 Dec 2024 14:09	RC/JU	Ok,M
10	P5270-08DL2	BF140904.D	18 Dec 2024 14:35	RC/JU	Ok
11	P5277-02	BF140905.D	18 Dec 2024 15:02	RC/JU	Ok
12	P5277-03	BF140906.D	18 Dec 2024 15:28	RC/JU	Ok
13	P5291-11	BF140907.D	18 Dec 2024 15:54	RC/JU	Ok
14	P5277-01	BF140908.D	18 Dec 2024 16:20	RC/JU	Ok
15	P5277-01MS	BF140909.D	18 Dec 2024 16:46	RC/JU	Ok,M
16	P5277-01MSD	BF140910.D	18 Dec 2024 17:12	RC/JU	Ok,M
17	P5291-06	BF140911.D	18 Dec 2024 17:38	RC/JU	Dilution
18	P5291-08MS	BF140912.D	18 Dec 2024 18:04	RC/JU	Ok
19	P5291-09MSD	BF140913.D	18 Dec 2024 18:30	RC/JU	Ok,M
20	P5291-07	BF140914.D	18 Dec 2024 18:56	RC/JU	Ok
21	P5291-10	BF140915.D	18 Dec 2024 19:23	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF121824

Review By	yogesh	Review On	12/21/2024 1:11:35 AM		
Supervise By	mohammad	Supervise On	12/21/2024 2:30:36 AM		
SubDirectory	BF121824	HP Acquire Method	BNA_F	HP Processing Method	bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	P5268-01DL	BF140916.D	18 Dec 2024 19:49	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF121924

Review By	yogesh	Review On	12/21/2024 1:10:39 AM		
Supervise By	mohammad	Supervise On	12/21/2024 2:31:44 AM		
SubDirectory	BF121924	HP Acquire Method	BNA_F	HP Processing Method	bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF140917.D	19 Dec 2024 10:30	RC/JU	Ok
2	SSTDCCC040	BF140918.D	19 Dec 2024 11:38	RC/JU	Ok
3	PB165719BL	BF140919.D	19 Dec 2024 12:04	RC/JU	Ok
4	PB165719BS	BF140920.D	19 Dec 2024 12:30	RC/JU	Ok,M
5	PB165680TB	BF140921.D	19 Dec 2024 12:56	RC/JU	Ok
6	P5312-03	BF140922.D	19 Dec 2024 13:29	RC/JU	Ok
7	P5291-13	BF140923.D	19 Dec 2024 13:55	RC/JU	Ok
8	P5291-06DL	BF140924.D	19 Dec 2024 14:21	RC/JU	Ok
9	P5337-01	BF140925.D	19 Dec 2024 14:47	RC/JU	Ok
10	P5291-13MS	BF140926.D	19 Dec 2024 15:13	RC/JU	Ok,M
11	P5291-13MSD	BF140927.D	19 Dec 2024 15:39	RC/JU	Ok,M
12	P5291-05	BF140928.D	19 Dec 2024 16:05	RC/JU	Dilution
13	P5343-01	BF140929.D	19 Dec 2024 16:31	RC/JU	Ok,M
14	P5343-01MS	BF140930.D	19 Dec 2024 16:57	RC/JU	Not Ok
15	P5343-01MSD	BF140931.D	19 Dec 2024 17:23	RC/JU	Not Ok
16	P5343-03	BF140932.D	19 Dec 2024 17:49	RC/JU	ReRun
17	P5330-01	BF140933.D	19 Dec 2024 18:15	RC/JU	ReRun
18	P5312-01	BF140934.D	19 Dec 2024 18:41	RC/JU	Ok
19	P5301-03MS	BF140935.D	19 Dec 2024 19:08	RC/JU	Ok,M
20	P5301-03MSD	BF140936.D	19 Dec 2024 19:34	RC/JU	Ok
21	P5339-01	BF140937.D	19 Dec 2024 20:00	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF121924

Review By	yogesh	Review On	12/21/2024 1:10:39 AM		
Supervise By	mohammad	Supervise On	12/21/2024 2:31:44 AM		
SubDirectory	BF121924	HP Acquire Method	BNA_F	HP Processing Method	bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	P5342-01	BF140938.D	19 Dec 2024 20:26	RC/JU	Dilution
23	P5342-05	BF140939.D	19 Dec 2024 20:52	RC/JU	Ok
24	P5342-03	BF140940.D	19 Dec 2024 21:19	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF122324

Review By	Yogesh	Review On	12/24/2024 8:42:59 AM		
Supervise By	mohammad	Supervise On	12/24/2024 11:31:30 PM		
SubDirectory	BF122324	HP Acquire Method	BNA_F	HP Processing Method	bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF140960.D	23 Dec 2024 09:05	RC/JU	Ok
2	SSTDCCC040	BF140961.D	23 Dec 2024 10:18	RC/JU	Ok,M
3	PB165785BL	BF140962.D	23 Dec 2024 11:09	RC/JU	Not Ok
4	P5355-02	BF140963.D	23 Dec 2024 11:49	RC/JU	Ok
5	P5355-01	BF140964.D	23 Dec 2024 12:46	RC/JU	ReRun
6	P5346-01	BF140965.D	23 Dec 2024 14:36	RC/JU	Not Ok
7	P5291-05DL	BF140966.D	23 Dec 2024 15:01	RC/JU	Ok
8	P5342-01DL	BF140967.D	23 Dec 2024 15:27	RC/JU	Ok,M
9	P5346-01	BF140968.D	23 Dec 2024 16:14	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF121624

Review By	yogesh	Review On	12/18/2024 1:40:10 AM		
Supervise By	mohammad	Supervise On	12/18/2024 2:36:39 AM		
SubDirectory	BF121624	HP Acquire Method	BNA_F	HP Processing Method	Bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12331,10ul/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	BF140854.D	16 Dec 2024 11:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF140855.D	16 Dec 2024 12:13		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF140856.D	16 Dec 2024 12:39	Compound#32,41,54,56,65,70,77 removed from 5 ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF140857.D	16 Dec 2024 13:05		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF140858.D	16 Dec 2024 14:00	The Calibration is Good For 8270 DOD and good for 625.1 Method	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF140859.D	16 Dec 2024 14:26	Compound#41 Kept on QR & Compound#54,56 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF140860.D	16 Dec 2024 15:23		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF140861.D	16 Dec 2024 15:49		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF140862.D	16 Dec 2024 16:15		RC/JU	Ok,M
10	SSTDICV040	ICVBF121624	BF140863.D	16 Dec 2024 16:41		RC/JU	Ok
11	PB165543BL	PB165543BL	BF140864.D	16 Dec 2024 17:08		RC/JU	Ok
12	PB165543BS	PB165543BS	BF140865.D	16 Dec 2024 17:34		RC/JU	Ok,M
13	PB165590BL	PB165590BL	BF140866.D	16 Dec 2024 18:00		RC/JU	Ok
14	PB165479BS	PB165479BS	BF140867.D	16 Dec 2024 18:26		RC/JU	Ok,M
15	PB165479BSD	PB165479BSD	BF140868.D	16 Dec 2024 18:53		RC/JU	Ok,M
16	PB165479BL	PB165479BL	BF140869.D	16 Dec 2024 19:19		RC/JU	Ok
17	P5192-02	EFF-WASTE WATER	BF140870.D	16 Dec 2024 19:45	Surrogate Fail	RC/JU	ReRun

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF121624

Review By	yogesh	Review On	12/18/2024 1:40:10 AM		
Supervise By	mohammad	Supervise On	12/18/2024 2:36:39 AM		
SubDirectory	BF121624	HP Acquire Method	BNA_F	HP Processing Method	Bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12331,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF121824

Review By	yogesh	Review On	12/21/2024 1:11:35 AM		
Supervise By	mohammad	Supervise On	12/21/2024 2:30:36 AM		
SubDirectory	BF121824	HP Acquire Method	BNA_F	HP Processing Method	bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/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	BF140895.D	18 Dec 2024 09:41		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF140896.D	18 Dec 2024 10:43		RC/JU	Ok
3	PB165648BL	PB165648BL	BF140897.D	18 Dec 2024 11:27		RC/JU	Ok
4	PB165648BS	PB165648BS	BF140898.D	18 Dec 2024 11:53		RC/JU	Ok,M
5	PB165685BL	PB165685BL	BF140899.D	18 Dec 2024 12:19		RC/JU	Ok
6	PB165685BS	PB165685BS	BF140900.D	18 Dec 2024 12:45		RC/JU	Ok,M
7	PB165682BL	PB165682BL	BF140901.D	18 Dec 2024 13:12		RC/JU	Ok
8	PB165682BS	PB165682BS	BF140902.D	18 Dec 2024 13:37		RC/JU	Ok,M
9	P5270-07DL2	MW12-20241212DL2	BF140903.D	18 Dec 2024 14:09		RC/JU	Ok,M
10	P5270-08DL2	MW14-20241212DL2	BF140904.D	18 Dec 2024 14:35		RC/JU	Ok
11	P5277-02	COMP-2A	BF140905.D	18 Dec 2024 15:02		RC/JU	Ok
12	P5277-03	COMP-3A	BF140906.D	18 Dec 2024 15:28		RC/JU	Ok
13	P5291-11	EQUIP-BLANK-202412	BF140907.D	18 Dec 2024 15:54		RC/JU	Ok
14	P5277-01	COMP-1A	BF140908.D	18 Dec 2024 16:20		RC/JU	Ok
15	P5277-01MS	COMP-1AMS	BF140909.D	18 Dec 2024 16:46		RC/JU	Ok,M
16	P5277-01MSD	COMP-1AMSD	BF140910.D	18 Dec 2024 17:12		RC/JU	Ok,M
17	P5291-06	MW3-20241213	BF140911.D	18 Dec 2024 17:38	Need 5X Dilution	RC/JU	Dilution
18	P5291-08MS	MW6-20241213MS	BF140912.D	18 Dec 2024 18:04		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF121824

Review By	yogesh	Review On	12/21/2024 1:11:35 AM		
Supervise By	mohammad	Supervise On	12/21/2024 2:30:36 AM		
SubDirectory	BF121824	HP Acquire Method	BNA_F	HP Processing Method	bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	P5291-09MSD	MW6-20241213MSD	BF140913.D	18 Dec 2024 18:30		RC/JU	Ok,M
20	P5291-07	MW6-20241213	BF140914.D	18 Dec 2024 18:56		RC/JU	Ok
21	P5291-10	MW6-20241213-A	BF140915.D	18 Dec 2024 19:23		RC/JU	Ok
22	P5268-01DL	OR-02-12122024DL	BF140916.D	18 Dec 2024 19:49		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF121924

Review By	yogesh	Review On	12/21/2024 1:10:39 AM		
Supervise By	mohammad	Supervise On	12/21/2024 2:31:44 AM		
SubDirectory	BF121924	HP Acquire Method	BNA_F	HP Processing Method	bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/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	BF140917.D	19 Dec 2024 10:30		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF140918.D	19 Dec 2024 11:38		RC/JU	Ok
3	PB165719BL	PB165719BL	BF140919.D	19 Dec 2024 12:04		RC/JU	Ok
4	PB165719BS	PB165719BS	BF140920.D	19 Dec 2024 12:30		RC/JU	Ok,M
5	PB165680TB	PB165680TB	BF140921.D	19 Dec 2024 12:56		RC/JU	Ok
6	P5312-03	CONCRETE-VNJ-222	BF140922.D	19 Dec 2024 13:29		RC/JU	Ok
7	P5291-13	WC-20241213	BF140923.D	19 Dec 2024 13:55		RC/JU	Ok
8	P5291-06DL	MW3-20241213DL	BF140924.D	19 Dec 2024 14:21		RC/JU	Ok
9	P5337-01	ETGI-357	BF140925.D	19 Dec 2024 14:47		RC/JU	Ok
10	P5291-13MS	WC-20241213MS	BF140926.D	19 Dec 2024 15:13		RC/JU	Ok,M
11	P5291-13MSD	WC-20241213MSD	BF140927.D	19 Dec 2024 15:39		RC/JU	Ok,M
12	P5291-05	MW2-20241213	BF140928.D	19 Dec 2024 16:05	Need 2X Dilution	RC/JU	Dilution
13	P5343-01	VNJ210	BF140929.D	19 Dec 2024 16:31		RC/JU	Ok,M
14	P5343-01MS	VNJ210MS	BF140930.D	19 Dec 2024 16:57	MSD is Not Ok	RC/JU	Not Ok
15	P5343-01MSD	VNJ210MSD	BF140931.D	19 Dec 2024 17:23	Internal Standard Fail	RC/JU	Not Ok
16	P5343-03	VNJ281	BF140932.D	19 Dec 2024 17:49	Internal Standard Fail	RC/JU	ReRun
17	P5330-01	TP-5	BF140933.D	19 Dec 2024 18:15	Internal Standard Fail	RC/JU	ReRun
18	P5312-01	SOIL-VNJ-222	BF140934.D	19 Dec 2024 18:41	Internal Standard Fail	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF121924

Review By	yogesh	Review On	12/21/2024 1:10:39 AM		
Supervise By	mohammad	Supervise On	12/21/2024 2:31:44 AM		
SubDirectory	BF121924	HP Acquire Method	BNA_F	HP Processing Method	bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	P5301-03MS	HR-04-121624MS	BF140935.D	19 Dec 2024 19:08	Internal Standard Fail	RC/JU	Ok,M
20	P5301-03MSD	HR-04-121624MSD	BF140936.D	19 Dec 2024 19:34		RC/JU	Ok
21	P5339-01	TR-06-12182024	BF140937.D	19 Dec 2024 20:00	Internal Standard Fail	RC/JU	Ok,M
22	P5342-01	CHRT26634	BF140938.D	19 Dec 2024 20:26	Internal Standard Fail, Need 5X Dilution	RC/JU	Dilution
23	P5342-05	RB21198	BF140939.D	19 Dec 2024 20:52	Internal Standard Fail	RC/JU	Ok
24	P5342-03	HT2651	BF140940.D	19 Dec 2024 21:19	Internal Standard Fail	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF122324

Review By	Yogesh	Review On	12/24/2024 8:42:59 AM		
Supervise By	mohammad	Supervise On	12/24/2024 11:31:30 PM		
SubDirectory	BF122324	HP Acquire Method	BNA_F	HP Processing Method	bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/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	BF140960.D	23 Dec 2024 09:05		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF140961.D	23 Dec 2024 10:18	CCC fail high side for com. #87, 91, 92 and low for com. #41,56	RC/JU	Ok,M
3	PB165785BL	PB165785BL	BF140962.D	23 Dec 2024 11:09	CCC fail low side for compound #41,56	RC/JU	Not Ok
4	P5355-02	RBR251688	BF140963.D	23 Dec 2024 11:49		RC/JU	Ok
5	P5355-01	RBR251688	BF140964.D	23 Dec 2024 12:46	CCC fail low side for compound #41,56	RC/JU	ReRun
6	P5346-01	ETGI-328	BF140965.D	23 Dec 2024 14:36	Internal Standard Not added.	RC/JU	Not Ok
7	P5291-05DL	MW2-20241213DL	BF140966.D	23 Dec 2024 15:01		RC/JU	Ok
8	P5342-01DL	CHRT26634DL	BF140967.D	23 Dec 2024 15:27		RC/JU	Ok,M
9	P5346-01	ETGI-328	BF140968.D	23 Dec 2024 16:14		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB165682

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	12/17/2024
Matrix :	Water			**Extraction Start Time :**	08:56
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	12/17/2024
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:55
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3574	**Hood ID:**	4,6,7	**Supervisor By :**	rajesh

Extraction Method: [√] Seperatory Funnel [_] Continious Liquid/Liquid [_] Sonication [_] Waste Dilution [_] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6681
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	E3845
Baked Na2SO4	N/A	EP2577
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2565
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673. p H Adjusted<2 with 1:1 H2SO4 &>11 with 10N NaOH.

KD Bath ID:	Water bath -01,02	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/17/24	RP (Ext Lab)	AC/SVOC
14:00	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB165682

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 12/17/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165682BL	SBLK682	SVOCMS Group1	1000	6	RUPESH	ritesh	1			SEP-01
PB165682BS	SLCS682	SVOCMS Group1	1000	6	RUPESH	ritesh	1			2
P5291-05	MW2-20241213	SVOCMS Group1	980	6	RUPESH	ritesh	1	E		3
P5291-06	MW3-20241213	SVOCMS Group1	980	6	RUPESH	ritesh	1	E		4
P5291-07	MW6-20241213	SVOCMS Group1	970	6	RUPESH	ritesh	1	E		5
P5291-08	P5291-07MS	SVOCMS Group1	980	6	RUPESH	ritesh	1	E		6
P5291-09	P5291-07MSD	SVOCMS Group1	970	6	RUPESH	ritesh	1	E		7
P5291-10	MW6-20241213-A	SVOCMS Group1	1000	6	RUPESH	ritesh	1	E		8
P5291-11	EQUID-BLANK-20241213	SVOCMS Group1	970	6	RUPESH	ritesh	1	E		9

* **Extracts relinquished on the same date as received.**

12/17/24

165GX-
8:20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P5291 **WorkList ID :** 186384 **Department :** Extraction **Date :** 12-17-2024 08:12:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5291-05	MW2-20241213	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	12/13/2024	8270E
P5291-06	MW3-20241213	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	12/13/2024	8270E
P5291-07	MW6-20241213	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	12/13/2024	8270E
P5291-08	P5291-07MS	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	12/13/2024	8270E
P5291-09	P5291-07MSD	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	12/13/2024	8270E
P5291-10	MW6-20241213-A	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	12/13/2024	8270E
P5291-11	EQUID-BLANK-20241213	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L51	12/13/2024	8270E

Date/Time 12/17/24 8:15
Raw Sample Received by: RJ (Set lab)
Raw Sample Relinquished by: JD (SM)

Date/Time 12/17/24 8:40
Raw Sample Received by: JD (SM)
Raw Sample Relinquished by: RJ (Set lab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. PS291
COC Number 2046245

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Parsons
ADDRESS: 301 Plainfield Rd.
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen Liberatore
PHONE: 315-418-8767 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Con Ed Atlantic Ave
PROJECT NO.: 453957 LOCATION: Brooklyn, NY
PROJECT MANAGER: Stephen Liberatore
e-mail: stephen.liberatore@parsons.com
PHONE: 315-418-8767 FAX:

CLIENT BILLING INFORMATION

BILL TO: Parsons PO#:
ADDRESS: 301 Plainfield Rd.
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen L. PHONE: 315-418-8767

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1: VOC+TICs 2 SVOC+TICs 3. Sulfate 4 TDS 5 6 7 8 9

PRESERVATIVES

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1 A	2 E	3 E	4 E	5	6	7	8	9	COMMENTS
1.	MW1A-20241213	GW		X	12-13-24	0835	4	X		X	X						
2.	MW10D-20241213	GW		X	12-13-24	0950	4	X		X	X						
3.	MW4-20241213	GW		X	12-13-24	1104	4	X		X	X						
4.	MW5-20241213	GW		X	12-13-24	1212	4	X		X	X						
5.	MW2-20241213	GW		X	12-13-24	1322	5	X	X	X	X						
6.	MW3-20241213	GW		X	12-13-24	1422	5	X	X	X	X						
7.	MW6-20241213	GW		X	12-13-24	1518	15	X	X	X	X						
8.	MW6-20241213A	GW		X	12-13-24	1518	5	X	X	X	X						
9.	Equip Blank-20241213	W		X	12-13-24	1730	5	X	X	X	X						
10.	Trip Blank	W		X	12-6-24		2	X									

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Bill Chaky	12-13-24/2000	1.
2.	12-16-24 7:30	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.3 °C
Comments: TR Cont #1

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
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ALLIANCE PROJECT NO.
QUOTE NO. P5291
COC Number 2046244

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: Parsons
ADDRESS: 301 Plainfield Rd.
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen Liberatore
PHONE: 315-418-8767 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Con Ed Atlantic Ave
PROJECT NO.: 453957 LOCATION: Brooklyn, NY
PROJECT MANAGER: Stephen Liberatore
e-mail: stephen.liberatore@parsons.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Parsons PO#:
ADDRESS: 301 Plainfield Rd.
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen L. PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
- ☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
- ☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other
- ☐ EDD FORMAT

ANALYSIS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1 TCLP BNA	2 PCB	3 Flash Point	4 pH	5 React CN/Sulfide	6 TCLP VOC	7 TCLP Metals/Hg	8	9
								PRESERVATIVES								
								E	E	E	E	E	A	E		
1.	WC-20241213	GW	X		12-13-24	1700	8	X	X	X	X	X	X	X		
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

COMMENTS ← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Bill Chaky	12-13-24/2000	
RELINQUISHED BY SAMPLER: 2.	DATE/TIME: 7:30 12-16-24	RECEIVED BY: 2.
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.2 °C
Comments: IR-Gun #1

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5291 PARS02
Client Name : PARSONS Main of New Yc
Client Contact : Stephen Liberatore
Invoice Name : PARSONS Main of New Yc
Invoice Contact : Stephen Liberatore

Order Date : 12/16/2024 10:45:00 AM
Project Name : Con Edison Non-MGP - Atl
Receive DateTime : 12/16/2024 7:30:00 AM
Purchase Order :

Project Mgr :
Report Type : Results Only
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
P5291-01	MW1A-20241213	Water	12/13/2024	08:35						5 days
					VOCMS Group1		8260-Low	~~10 Bus~~. Days		
P5291-02	MW10D-20241213	Water	12/13/2024	09:50						
					VOCMS Group1		8260-Low	~~10 Bus~~. Days		
P5291-03	MW4-20241213	Water	12/13/2024	11:04						
					VOCMS Group1		8260-Low	~~10~~ Bus. Days		
P5291-04	MW5-20241213	Water	12/13/2024	12:12						
					VOCMS Group1		8260-Low	~~10~~ Bus. Days		
P5291-05	MW2-20241213	Water	12/13/2024	13:22						
					VOCMS Group1		8260-Low	~~10~~ Bus. Days		
P5291-06	MW3-20241213	Water	12/13/2024	14:22						
					VOCMS Group1		8260-Low	~~10~~ Bus. Days		
P5291-07	MW6-20241213	Water	12/13/2024	15:18						
					VOCMS Group1		8260-Low	~~10~~ Bus. Days		
P5291-08	P5291-07MS	Water	12/13/2024	15:18						

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5291 PARS02
Client Name : PARSONS Main of New Yc
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Order Date : 12/16/2024 10:45:00 AM
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Purchase Order :

Project Mgr :
Report Type : Results Only
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
					VOCMS Group1		8260-Low	~~10~~ Bus. Days		5 days
P5291-09	P5291-07MSD	Water	12/13/2024	15:18						
					VOCMS Group1		8260-Low	~~10~~ Bus. Days		
P5291-10	MW6-20241213-A	Water	12/13/2024	15:18						
					VOCMS Group1		8260-Low	~~10~~ Bus. Days		
P5291-11	~~EQUID-BLANK-20241213~~ + EQUIP-BLANK-20241213	Water	12/13/2024	17:30						
					VOCMS Group1		8260-Low	~~10~~ Bus. Days		
P5291-12	TB-20241216	Water	12/13/2024	00:00						
					VOCMS Group1		8260-Low	~~10~~ Bus. Days		
~~P5291-13~~	~~WC-20241213~~	~~Water~~	~~12/13/2024~~	~~17:00~~						
					~~TCLP VOA~~		~~8260D~~	~~10 Bus. Days~~		

Relinquished By : [signature]
Date / Time : 12-16-24 1125

Received By : [signature]
Date / Time : 12-16-24 11:25

Storage Area : VOA Refridgerator Room