

Cover Page

Order ID : P5270

Project ID : Con Edison Non-MGP - Atlantic Avenue

Client : PARSONS Main of New York, Inc.

Lab Sample Number

P5270-01
P5270-02
P5270-03
P5270-04
P5270-05
P5270-06
P5270-07
P5270-08
P5270-09
P5270-10

Client Sample Number

MW8-20241211
MW11-20241211
MW15-20241211
MW17-20241211
MW9-20241212
MW13D-20241212
MW12-20241212
MW14-20241212
MW16D-20241212
TB-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: 12/23/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P5270

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 Custody

✓

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: PATEL VAISHALI

Date: 12/23/2024

LAB CHRONICLE

OrderID:	P5270	OrderDate:	12/13/2024 10:02:00 AM
Client:	PARSONS Main of New York, Inc.	Project:	Con Edison Non-MGP - Atlantic Avenue
Contact:	Stephen Liberatore	Location:	L61,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5270-07	MW12-20241212	Water			12/12/24			12/13/24
			SVOCMS Group1	8270E		12/13/24	12/13/24	
P5270-07DL	MW12-20241212DL	Water			12/12/24			12/13/24
			SVOCMS Group1	8270E		12/13/24	12/17/24	
P5270-07DL 2	MW12-20241212DL2	Water			12/12/24			12/13/24
			SVOCMS Group1	8270E		12/13/24	12/18/24	
P5270-08	MW14-20241212	Water			12/12/24			12/13/24
			SVOCMS Group1	8270E		12/13/24	12/13/24	
			SVOCMS Group1	8270E		12/13/24	12/17/24	
P5270-08DL	MW14-20241212DL	Water			12/12/24			12/13/24
			SVOCMS Group1	8270E		12/13/24	12/17/24	
P5270-08DL 2	MW14-20241212DL2	Water			12/12/24			12/13/24
			SVOCMS Group1	8270E		12/13/24	12/18/24	

Hit Summary Sheet SW-846

SDG No.: P5270

Client: PARSONS Main of New York, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units	
Client ID :	MW12-20241212								
P5270-07	MW12-20241212	WATER	Naphthalene	830.000	E	1	5	ug/L	
P5270-07	MW12-20241212	WATER	2-Methylnaphthalene	180.000	E	1.1	5	ug/L	
P5270-07	MW12-20241212	WATER	1,1-Biphenyl	61.600	Q	0.91	5	ug/L	
P5270-07	MW12-20241212	WATER	Acenaphthene	110.000	E	0.81	5	ug/L	
P5270-07	MW12-20241212	WATER	Dibenzofuran	4.900	J	0.93	5	ug/L	
P5270-07	MW12-20241212	WATER	Fluorene	41.300		0.96	5	ug/L	
P5270-07	MW12-20241212	WATER	Phenanthrene	63.500		0.89	5	ug/L	
P5270-07	MW12-20241212	WATER	Anthracene	14.300	Q	1.1	5	ug/L	
P5270-07	MW12-20241212	WATER	Carbazole	4.200	J	1.2	5	ug/L	
P5270-07	MW12-20241212	WATER	Fluoranthene	4.100	J	1.3	5	ug/L	
P5270-07	MW12-20241212	WATER	Pyrene	5.800	Q	1.1	5	ug/L	
Total Svoc :				1,319.70					
P5270-07	MW12-20241212	WATER	Benzene, (1-methylethyl)-	*	81.600	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Benzene, (2-bromocyclopropyl)-	*	20.000	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Benzene, 1,2,3-trimethyl-	*	310.000	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Benzene, 1,2-diethyl-	*	73.600	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Benzene, 1,3-diethyl-	*	85.300	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Benzene, 1-ethyl-2-methyl-	*	35.000	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Benzene, 1-ethyl-3-methyl-	*	180.000	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Benzene, 4-ethyl-1,2-dimethyl-	*	58.100	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Benzene, propyl-	*	90.200	J	0	ug/L	
P5270-07	MW12-20241212	WATER	1-Dodecanamine, N,N-dimethyl-	*	200.000	J	0	ug/L	
P5270-07	MW12-20241212	WATER	1H-Phenalene	*	24.400	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Diphenylmethane	*	25.100	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Naphthalene, 1,3-dimethyl-	*	39.800	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Naphthalene, 1,7-dimethyl-	*	62.400	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Naphthalene, 2,3-dimethyl-	*	98.700	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Naphthalene, 2,7-dimethyl-	*	65.900	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Naphthalene, 2-ethyl-	*	34.000	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Indane	*	480.000	J	0	ug/L	
P5270-07	MW12-20241212	WATER	Mesitylene	*	36.200	J	0	ug/L	
P5270-07	MW12-20241212	WATER	1-Methylnaphthalene	*	600.000	J	0.86	5	ug/L
Total Tics :				2,600.30					
Total Concentration:				3,920.00					
Client ID :	MW12-20241212DL								
P5270-07DL	MW12-20241212DL	WATER	Naphthalene	960.000	ED	10.2	50	ug/L	
P5270-07DL	MW12-20241212DL	WATER	2-Methylnaphthalene	160.000	D	11.3	50	ug/L	

Hit Summary Sheet SW-846

SDG No.: P5270
Client: PARSONS Main of New York, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P5270-07DL	MW12-20241212DL	WATER	1,1-Biphenyl	63.300	DQ	9.1	50	ug/L
P5270-07DL	MW12-20241212DL	WATER	Acenaphthene	110.000	D	8.1	50	ug/L
P5270-07DL	MW12-20241212DL	WATER	Fluorene	46.700	JD	9.6	50	ug/L
P5270-07DL	MW12-20241212DL	WATER	Phenanthrene	60.200	D	8.9	50	ug/L
Total Svoc :				1,400.20				
Total Concentration:				1,400.20				
Client ID : MW12-20241212DL2								
P5270-07DL2	MW12-20241212DL2	WATER	Naphthalene	1,000.000	D	20.4	100	ug/L
P5270-07DL2	MW12-20241212DL2	WATER	2-Methylnaphthalene	180.000	D	22.6	100	ug/L
P5270-07DL2	MW12-20241212DL2	WATER	1,1-Biphenyl	64.200	JDQ	18.2	100	ug/L
P5270-07DL2	MW12-20241212DL2	WATER	Acenaphthene	110.000	D	16.2	100	ug/L
P5270-07DL2	MW12-20241212DL2	WATER	Fluorene	49.800	JD	19.2	100	ug/L
P5270-07DL2	MW12-20241212DL2	WATER	Phenanthrene	65.100	JD	17.8	100	ug/L
Total Svoc :				1,469.10				
Total Concentration:				1,469.10				
Client ID : MW14-20241212								
P5270-08	MW14-20241212	WATER	Naphthalene	1,300.000	E	1	5	ug/L
P5270-08	MW14-20241212	WATER	2-Methylnaphthalene	380.000	E	1.1	5	ug/L
P5270-08	MW14-20241212	WATER	1,1-Biphenyl	19.900	Q	0.91	5	ug/L
P5270-08	MW14-20241212	WATER	Acenaphthene	90.300	E	0.81	5	ug/L
P5270-08	MW14-20241212	WATER	Fluorene	37.400		0.96	5	ug/L
P5270-08	MW14-20241212	WATER	Phenanthrene	47.900		0.89	5	ug/L
P5270-08	MW14-20241212	WATER	Anthracene	9.600	Q	1.1	5	ug/L
P5270-08	MW14-20241212	WATER	Fluoranthene	2.400	J	1.3	5	ug/L
P5270-08	MW14-20241212	WATER	Pyrene	3.900	JQ	1.1	5	ug/L
Total Svoc :				1,891.40				
P5270-08	MW14-20241212	WATER	Indane	*	260.000	J	0	ug/L
P5270-08	MW14-20241212	WATER	Mesitylene	*	17.700	J	0	ug/L
P5270-08	MW14-20241212	WATER	Benzene, 1,2,3-trimethyl-	*	400.000	J	0	ug/L
P5270-08	MW14-20241212	WATER	Benzene, 1,3-diethyl-	*	57.300	J	0	ug/L
P5270-08	MW14-20241212	WATER	Benzene, 1-ethyl-2-methyl-	*	40.300	J	0	ug/L
P5270-08	MW14-20241212	WATER	Benzene, 1-ethyl-3,5-dimethyl-	*	71.500	J	0	ug/L
P5270-08	MW14-20241212	WATER	Benzene, 1-ethyl-4-methyl-	*	160.000	J	0	ug/L
P5270-08	MW14-20241212	WATER	Benzene, 2-ethyl-1,4-dimethyl-	*	42.300	J	0	ug/L
P5270-08	MW14-20241212	WATER	Benzene, propyl-	*	45.100	J	0	ug/L
P5270-08	MW14-20241212	WATER	Butane, 2-methoxy-2-methyl-	*	310.000	JB	0	ug/L
P5270-08	MW14-20241212	WATER	Diphenylmethane	*	16.200	J	0	ug/L
P5270-08	MW14-20241212	WATER	Naphthalene, 1,2-dimethyl-	*	13.700	J	0	ug/L
P5270-08	MW14-20241212	WATER	Naphthalene, 2,3-dimethyl-	*	26.400	J	0	ug/L

Hit Summary Sheet
SW-846

SDG No.: P5270
Client: PARSONS Main of New York, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P5270-08	MW14-20241212	WATER	Naphthalene, 2,6-dimethyl-	*	43.300	J 0	0	ug/L
P5270-08	MW14-20241212	WATER	Naphthalene, 2,7-dimethyl-	*	26.700	J 0	0	ug/L
P5270-08	MW14-20241212	WATER	Naphthalene, 2-ethyl-	*	35.600	J 0	0	ug/L
P5270-08	MW14-20241212	WATER	o-Cymene	*	18.900	J 0	0	ug/L
P5270-08	MW14-20241212	WATER	1H-Phenylene	*	9.500	J 0	0	ug/L
P5270-08	MW14-20241212	WATER	unknown10.539	*	8.500	J 0	0	ug/L
P5270-08	MW14-20241212	WATER	1-Methylnaphthalene	*	400.000	J 0.86	5	ug/L

Total Tics : **2,003.00**
Total Concentration: **3,894.40**

Client ID : **MW14-20241212DL**

P5270-08DL	MW14-20241212DL	WATER	Naphthalene	2,100.000	ED	20.4	100	ug/L
P5270-08DL	MW14-20241212DL	WATER	2-Methylnaphthalene	460.000	D	22.6	100	ug/L
P5270-08DL	MW14-20241212DL	WATER	Acenaphthene	110.000	D	16.2	100	ug/L
P5270-08DL	MW14-20241212DL	WATER	Phenanthrene	57.900	JD	17.8	100	ug/L

Total Svoc : **2,727.90**
Total Concentration: **2,727.90**

Client ID : **MW14-20241212DL2**

P5270-08DL2	MW14-20241212DL2	WATER	Naphthalene	930.000	D	40.8	200	ug/L
P5270-08DL2	MW14-20241212DL2	WATER	2-Methylnaphthalene	180.000	JD	45.2	200	ug/L

Total Svoc : **1,110.00**
Total Concentration: **1,110.00**



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: P5270

Client: PARSONS Main of New York, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
P5270-07	MW12-20241212	2-Fluorophenol	150	65.3	44		10	139
		Phenol-d6	150	38.9	26		10	134
		Nitrobenzene-d5	100	94.0	94		49	133
		2-Fluorobiphenyl	100	97.0	97		52	132
		2,4,6-Tribromophenol	150	160	107		44	137
		Terphenyl-d14	100	86.0	86		48	125
P5270-07DL	MW12-20241212DL	2-Fluorophenol	150	60.1	40		10	139
		Phenol-d6	150	32.8	22		10	134
		Nitrobenzene-d5	100	92.2	92		49	133
		2-Fluorobiphenyl	100	103	103		52	132
		2,4,6-Tribromophenol	150	111	74		44	137
		Terphenyl-d14	100	83.8	84		48	125
P5270-07DL2	MW12-20241212DL2	2-Fluorophenol	150	56.6	38		10	139
		Phenol-d6	150	38.3	26		10	134
		Nitrobenzene-d5	100	91.3	91		49	133
		2-Fluorobiphenyl	100	105	105		52	132
		2,4,6-Tribromophenol	150	114	76		44	137
		Terphenyl-d14	100	112	112		48	125
P5270-08	MW14-20241212	2-Fluorophenol	150	61.7	41		10	139
		Phenol-d6	150	35.1	23		10	134
		Nitrobenzene-d5	100	99.2	99		49	133
		2-Fluorobiphenyl	100	88.8	89		52	132
		2,4,6-Tribromophenol	150	128	85		44	137
		Terphenyl-d14	100	73.8	74		48	125
P5270-08DL	MW14-20241212DL	2-Fluorophenol	150	54.7	36		10	139
		Phenol-d6	150	34.9	23		10	134
		Nitrobenzene-d5	100	97.0	97		49	133
		2-Fluorobiphenyl	100	112	112		52	132
		2,4,6-Tribromophenol	150	128	85		44	137
		Terphenyl-d14	100	92.1	92		48	125
P5270-08DL2	MW14-20241212DL2	2-Fluorophenol	150	16.2	11		10	139
		Phenol-d6	150	8.96	6	*	10	134
		Nitrobenzene-d5	100	31.8	32	*	49	133
		2-Fluorobiphenyl	100	44.0	44	*	52	132
		2,4,6-Tribromophenol	150	48.1	32	*	44	137
		Terphenyl-d14	100	47.0	47	*	48	125
PB165623BL	PB165623BL	2-Fluorophenol	150	138	92		10	139
		Phenol-d6	150	132	88		10	134
		Nitrobenzene-d5	100	88.5	89		49	133
		2-Fluorobiphenyl	100	93.9	94		52	132
		2,4,6-Tribromophenol	150	131	87		44	137
		Terphenyl-d14	100	91.8	92		48	125
PB165623BS	PB165623BS	2-Fluorophenol	150	161	108		10	139
		Phenol-d6	150	152	101		10	134
		Nitrobenzene-d5	100	96.2	96		49	133
		2-Fluorobiphenyl	100	89.1	89		52	132
		2,4,6-Tribromophenol	150	138	92		44	137
		Terphenyl-d14	100	98.8	99		48	125
PB165623BSD	PB165623BSD	2-Fluorophenol	150	155	103		10	139
		Phenol-d6	150	146	97		10	134
		Nitrobenzene-d5	100	103	103		49	133

Surrogate Summary

SW-846

SDG No.: P5270

Client: PARSONS Main of New York, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB165623BSD	PB165623BSD	2-Fluorobiphenyl	100	104	104		52	132
		2,4,6-Tribromophenol	150	148	99		44	137
		Terphenyl-d14	100	110	110		48	125

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5270

Client: PARSONS Main of New York, Inc.

Analytical Method: 8270E

DataFile: BF140876.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB165623BS	Benzaldehyde	50	21.6	ug/L	43				10	162	
	Phenol	50	53.2	ug/L	106				66	118	
	bis(2-Chloroethyl)ether	50	53.8	ug/L	108		*		62	103	
	2-Chlorophenol	50	47.9	ug/L	96				70	117	
	2-Methylphenol	50	51.5	ug/L	103				69	109	
	2,2-oxybis(1-Chloropropane)	50	55.3	ug/L	111		*		65	100	
	Acetophenone	50	48.7	ug/L	97				60	104	
	3+4-Methylphenols	50	53.0	ug/L	106				67	106	
	N-Nitroso-di-n-propylamine	50	53.2	ug/L	106				57	107	
	Hexachloroethane	50	50.4	ug/L	101				76	118	
	Nitrobenzene	50	47.2	ug/L	94				58	106	
	Isophorone	50	52.7	ug/L	105		*		61	102	
	2-Nitrophenol	50	52.8	ug/L	106				70	115	
	2,4-Dimethylphenol	50	64.3	ug/L	129				42	142	
	bis(2-Chloroethoxy)methane	50	45.8	ug/L	92				58	109	
	2,4-Dichlorophenol	50	47.4	ug/L	95				66	115	
	Naphthalene	50	46.1	ug/L	92				64	107	
	4-Chloroaniline	50	27.3	ug/L	55				10	85	
	Hexachlorobutadiene	50	44.1	ug/L	88				69	101	
	Caprolactam	50	52.1	ug/L	104				58	128	
	4-Chloro-3-methylphenol	50	48.6	ug/L	97				65	114	
	2-Methylnaphthalene	50	47.2	ug/L	94				64	107	
	Hexachlorocyclopentadiene	100	74.5	ug/L	75				36	160	
	2,4,6-Trichlorophenol	50	49.4	ug/L	99				61	110	
	2,4,5-Trichlorophenol	50	43.2	ug/L	86				70	106	
	1,1-Biphenyl	50	46.9	ug/L	94				72	98	
	2-Chloronaphthalene	50	45.0	ug/L	90				59	106	
	2-Nitroaniline	50	49.4	ug/L	99				73	114	
	Dimethylphthalate	50	49.7	ug/L	99				64	103	
	Acenaphthylene	50	51.7	ug/L	103				79	103	
	2,6-Dinitrotoluene	50	47.1	ug/L	94				64	110	
	3-Nitroaniline	50	33.4	ug/L	67				28	100	
	Acenaphthene	50	48.5	ug/L	97				59	113	
	2,4-Dinitrophenol	100	77.6	ug/L	78				36	166	
	4-Nitrophenol	100	87.8	ug/L	88				45	147	
	Dibenzofuran	50	46.6	ug/L	93				65	106	
	2,4-Dinitrotoluene	50	47.1	ug/L	94				60	115	
	Diethylphthalate	50	48.5	ug/L	97				63	105	
	4-Chlorophenyl-phenylether	50	46.1	ug/L	92				61	104	
	Fluorene	50	46.5	ug/L	93				64	107	
	4-Nitroaniline	50	46.5	ug/L	93				55	125	
	4,6-Dinitro-2-methylphenol	50	51.6	ug/L	103				62	132	
	N-Nitrosodiphenylamine	50	54.2	ug/L	108				61	109	
	4-Bromophenyl-phenylether	50	51.9	ug/L	104		*		73	103	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5270

Client: PARSONS Main of New York, Inc.

Analytical Method: 8270E

DataFile: BF140876.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165623BS	Hexachlorobenzene	50	51.4	ug/L	103				73	106	
	Atrazine	50	61.2	ug/L	122		*		76	120	
	Pentachlorophenol	100	92.0	ug/L	92				47	114	
	Phenanthrene	50	49.4	ug/L	99				62	109	
	Anthracene	50	51.8	ug/L	104				65	110	
	Carbazole	50	48.4	ug/L	97				62	106	
	Di-n-butylphthalate	50	53.2	ug/L	106				64	106	
	Fluoranthene	50	46.3	ug/L	93				64	110	
	Pyrene	50	48.2	ug/L	96				71	103	
	Butylbenzylphthalate	50	56.1	ug/L	112		*		61	105	
	3,3-Dichlorobenzidine	50	34.7	ug/L	69				43	108	
	Benzo(a)anthracene	50	50.8	ug/L	102				62	107	
	Chrysene	50	50.6	ug/L	101				61	108	
	bis(2-Ethylhexyl)phthalate	50	55.5	ug/L	111		*		59	110	
	Di-n-octyl phthalate	50	59.5	ug/L	119				52	139	
	Benzo(b)fluoranthene	50	53.0	ug/L	106				77	113	
	Benzo(k)fluoranthene	50	49.3	ug/L	99				77	105	
	Benzo(a)pyrene	50	52.8	ug/L	106				72	131	
	Indeno(1,2,3-cd)pyrene	50	52.9	ug/L	106		*		72	105	
	Dibenz(a,h)anthracene	50	52.7	ug/L	105				78	115	
	Benzo(g,h,i)perylene	50	47.7	ug/L	95				75	118	
	1,2,4,5-Tetrachlorobenzene	50	51.0	ug/L	102		*		72	101	
	1,4-Dioxane	50	34.8	ug/L	70				38	125	
	2,3,4,6-Tetrachlorophenol	50	50.4	ug/L	101				63	116	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5270

Client: PARSONS Main of New York, Inc.

Analytical Method: 8270E

DataFile: BF140877.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165623BSD	Benzaldehyde	50	20.3	ug/L	41	6			10	162	20
	Phenol	50	51.9	ug/L	104	2			66	118	20
	bis(2-Chloroethyl)ether	50	51.8	ug/L	104	4	*		62	103	20
	2-Chlorophenol	50	53.2	ug/L	106	10			70	117	20
	2-Methylphenol	50	51.2	ug/L	102	1			69	109	20
	2,2-oxybis(1-Chloropropane)	50	52.4	ug/L	105	5	*		65	100	20
	Acetophenone	50	53.4	ug/L	107	9	*		60	104	20
	3+4-Methylphenols	50	51.4	ug/L	103	3			67	106	20
	N-Nitroso-di-n-propylamine	50	51.2	ug/L	102	4			57	107	20
	Hexachloroethane	50	49.1	ug/L	98	3			76	118	20
	Nitrobenzene	50	50.3	ug/L	101	6			58	106	20
	Isophorone	50	54.1	ug/L	108	3	*		61	102	20
	2-Nitrophenol	50	53.5	ug/L	107	1			70	115	20
	2,4-Dimethylphenol	50	63.6	ug/L	127	1			42	142	20
	bis(2-Chloroethoxy)methane	50	52.1	ug/L	104	13			58	109	20
	2,4-Dichlorophenol	50	53.0	ug/L	106	11			66	115	20
	Naphthalene	50	50.5	ug/L	101	9			64	107	20
	4-Chloroaniline	50	26.4	ug/L	53	3			10	85	20
	Hexachlorobutadiene	50	49.0	ug/L	98	11			69	101	20
	Caprolactam	50	52.5	ug/L	105	1			58	128	20
	4-Chloro-3-methylphenol	50	51.8	ug/L	104	6			65	114	20
	2-Methylnaphthalene	50	50.5	ug/L	101	7			64	107	20
	Hexachlorocyclopentadiene	100	80.0	ug/L	80	7			36	160	20
	2,4,6-Trichlorophenol	50	51.9	ug/L	104	5			61	110	20
	2,4,5-Trichlorophenol	50	49.2	ug/L	98	13			70	106	20
	1,1-Biphenyl	50	52.8	ug/L	106	12	*		72	98	20
	2-Chloronaphthalene	50	51.4	ug/L	103	13			59	106	20
	2-Nitroaniline	50	53.5	ug/L	107	8			73	114	20
	Dimethylphthalate	50	54.2	ug/L	108	9	*		64	103	20
	Acenaphthylene	50	55.3	ug/L	111	7	*		79	103	20
	2,6-Dinitrotoluene	50	50.9	ug/L	102	8			64	110	20
	3-Nitroaniline	50	34.2	ug/L	68	2			28	100	20
	Acenaphthene	50	52.4	ug/L	105	8			59	113	20
	2,4-Dinitrophenol	100	87.1	ug/L	87	12			36	166	20
	4-Nitrophenol	100	91.5	ug/L	92	4			45	147	20
	Dibenzofuran	50	51.6	ug/L	103	10			65	106	20
	2,4-Dinitrotoluene	50	50.5	ug/L	101	7			60	115	20
	Diethylphthalate	50	52.1	ug/L	104	7			63	105	20
	4-Chlorophenyl-phenylether	50	51.2	ug/L	102	10			61	104	20
	Fluorene	50	50.8	ug/L	102	9			64	107	20
	4-Nitroaniline	50	48.7	ug/L	97	5			55	125	20
	4,6-Dinitro-2-methylphenol	50	53.0	ug/L	106	3			62	132	20
	N-Nitrosodiphenylamine	50	57.5	ug/L	115	6	*		61	109	20
	4-Bromophenyl-phenylether	50	53.3	ug/L	107	3	*		73	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5270

Client: PARSONS Main of New York, Inc.

Analytical Method: 8270E

DataFile: BF140877.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165623BSD	Hexachlorobenzene	50	53.0	ug/L	106	3			73	106		20
	Atrazine	50	68.0	ug/L	136	11	*		76	120		20
	Pentachlorophenol	100	99.2	ug/L	99	8			47	114		20
	Phenanthrene	50	54.6	ug/L	109	10			62	109		20
	Anthracene	50	56.4	ug/L	113	9	*		65	110		20
	Carbazole	50	51.7	ug/L	103	7			62	106		20
	Di-n-butylphthalate	50	54.4	ug/L	109	2	*		64	106		20
	Fluoranthene	50	51.0	ug/L	102	10			64	110		20
	Pyrene	50	52.9	ug/L	106	9	*		71	103		20
	Butylbenzylphthalate	50	56.3	ug/L	113	0	*		61	105		20
	3,3-Dichlorobenzidine	50	37.6	ug/L	75	8			43	108		20
	Benzo(a)anthracene	50	54.9	ug/L	110	8	*		62	107		20
	Chrysene	50	52.6	ug/L	105	4			61	108		20
	bis(2-Ethylhexyl)phthalate	50	61.2	ug/L	122	10	*		59	110		20
	Di-n-octyl phthalate	50	62.4	ug/L	125	5			52	139		20
	Benzo(b)fluoranthene	50	54.0	ug/L	108	2			77	113		20
	Benzo(k)fluoranthene	50	52.4	ug/L	105	6			77	105		20
	Benzo(a)pyrene	50	59.0	ug/L	118	11			72	131		20
	Indeno(1,2,3-cd)pyrene	50	64.0	ug/L	128	19	*		72	105		20
	Dibenz(a,h)anthracene	50	62.6	ug/L	125	17	*		78	115		20
	Benzo(g,h,i)perylene	50	55.9	ug/L	112	16			75	118		20
	1,2,4,5-Tetrachlorobenzene	50	53.7	ug/L	107	5	*		72	101		20
	1,4-Dioxane	50	42.3	ug/L	85	19			38	125		20
	2,3,4,6-Tetrachlorophenol	50	55.0	ug/L	110	9			63	116		20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165623BL

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM Case No.: P5270

SAS No.: P5270 SDG NO.: P5270

Lab File ID: BF140875.D

Lab Sample ID: PB165623BL

Instrument ID: BNA_F

Date Extracted: 12/13/2024

Matrix: (soil/water) Water

Date Analyzed: 12/17/2024

Level: (low/med) LOW

Time Analyzed: 10:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165623BS	PB165623BS	BF140876.D	12/17/2024
PB165623BSD	PB165623BSD	BF140877.D	12/17/2024
MW12-20241212	P5270-07	BF140849.D	12/13/2024
MW14-20241212	P5270-08	BF140883.D	12/17/2024

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: PARS02Lab Code: CHEMSAS No.: P5270 SDG NO.: P5270Lab File ID: BF140526.DDFTPP Injection Date: 11/21/2024Instrument ID: BNA_FDFTPP Injection Time: 10:17

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 (1.8) 1
69	Mass 69 relative abundance	35.5
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	48
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	29.2
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	99.8
443	15.0 - 24.0% of mass 442	18.1 (18.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF140528.D	11/21/2024	11:13
SSTDICC005	SSTDICC005	BF140529.D	11/21/2024	11:39
SSTDICC010	SSTDICC010	BF140530.D	11/21/2024	12:05
SSTDICC020	SSTDICC020	BF140531.D	11/21/2024	12:32
SSTDICCC040	SSTDICCC040	BF140532.D	11/21/2024	12:58
SSTDICC050	SSTDICC050	BF140533.D	11/21/2024	13:25
SSTDICC060	SSTDICC060	BF140534.D	11/21/2024	13:51
SSTDICC080	SSTDICC080	BF140535.D	11/21/2024	14:18



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: PARS02Lab Code: CHEMSAS No.: P5270 SDG NO.: P5270Lab File ID: BF140837.DDFTPP Injection Date: 12/13/2024Instrument ID: BNA_FDFTPP Injection Time: 11:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.3 (0.8) 1
127	10.0 - 80.0% of mass 198	47.4
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	29
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	96.9
443	15.0 - 24.0% of mass 442	18 (18.5) 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	BF140838.D	12/13/2024	12:14
MW12-20241212	P5270-07	BF140849.D	12/13/2024	17:28



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: PARS02Lab Code: CHEMSAS No.: P5270 SDG NO.: P5270Lab File ID: BF140854.DDFTPP Injection Date: 12/16/2024Instrument ID: BNA_FDFTPP 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



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: PARS02Lab Code: CHEMSAS No.: P5270 SDG NO.: P5270Lab File ID: BF140871.DDFTPP Injection Date: 12/17/2024Instrument ID: BNA_FDFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.9
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.3 (0.8) 1
127	10.0 - 80.0% of mass 198	48.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	80.7
443	15.0 - 24.0% of mass 442	15.3 (19) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140872.D	12/17/2024	09:24
PB165623BL	PB165623BL	BF140875.D	12/17/2024	10:43
PB165623BS	PB165623BS	BF140876.D	12/17/2024	11:09
PB165623BSD	PB165623BSD	BF140877.D	12/17/2024	11:35
MW14-20241212	P5270-08	BF140883.D	12/17/2024	14:19
MW12-20241212DL	P5270-07DL	BF140885.D	12/17/2024	15:12
MW14-20241212DL	P5270-08DL	BF140886.D	12/17/2024	15:38



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: PARS02Lab Code: CHEMSAS No.: P5270 SDG NO.: P5270Lab File ID: BF140895.DDFTPP Injection Date: 12/18/2024Instrument ID: BNA_FDFTPP 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
MW12-20241212DL2	P5270-07DL2	BF140903.D	12/18/2024	14:09
MW14-20241212DL2	P5270-08DL2	BF140904.D	12/18/2024	14:35

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P5270 SAS No.: P5270 SDG NO.: P5270

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/13/2024

Lab File ID: BF140838.D Time Analyzed: 12:14

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	99818	6.857	366214	8.14	204323	9.90
UPPER LIMIT	199636	7.357	732428	8.639	408646	10.398
LOWER LIMIT	49909	6.357	183107	7.639	102162	9.398
EPA SAMPLE NO.						
01 MW12-20241212	28219 *	6.86	105003 *	8.15	66739 *	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P5270 SAS No.: P5270 SDG NO.: P5270

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/13/2024

Lab File ID: BF140838.D Time Analyzed: 12:14

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	393427	11.392	249750	14.051	225636	15.557
UPPER LIMIT	786854	11.892	499500	14.551	451272	16.057
LOWER LIMIT	196714	10.892	124875	13.551	112818	15.057
EPA SAMPLE NO.						
01 MW12-20241212	136835 *	11.39	95873 *	14.05	89401 *	15.56

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P5270 SAS No.: P5270 SDG NO.: P5270

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/17/2024

Lab File ID: BF140872.D Time Analyzed: 09:24

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	80900	6.851	293024	8.13	171346	9.89
UPPER LIMIT	161800	7.351	586048	8.628	342692	10.386
LOWER LIMIT	40450	6.351	146512	7.628	85673	9.386
EPA SAMPLE NO.						
01 MW12-20241212DL	51871	6.85	191262	8.13	103044	9.88
02 MW14-20241212	58118	6.85	185891	8.15	115251	9.88
03 MW14-20241212DL	50750	6.85	188533	8.13	103517	9.88
04 PB165623BL	71046	6.85	290274	8.13	145205	9.88
05 PB165623BS	67717	6.85	275341	8.13	149585	9.89
06 PB165623BSD	54481	6.85	198425	8.13	109384	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P5270 SAS No.: P5270 SDG NO.: P5270

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/17/2024

Lab File ID: BF140872.D Time Analyzed: 09:24

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	305119	11.375	214494	14.027	199592	15.521
UPPER LIMIT	610238	11.875	428988	14.527	399184	16.021
LOWER LIMIT	152560	10.875	107247	13.527	99796	15.021
EPA SAMPLE NO.						
01 MW12-20241212DL	183841	11.37	133693	14.02	142721	15.51
02 MW14-20241212	199692	11.37	163585	14.02	178974	15.52
03 MW14-20241212DL	207798	11.37	165506	14.02	183677	15.50
04 PB165623BL	290900	11.37	197228	14.02	182284	15.50
05 PB165623BS	265357	11.38	180221	14.03	176281	15.52
06 PB165623BSD	199182	11.38	129993	14.02	121005	15.51

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P5270 SAS No.: P5270 SDG NO.: P5270

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 MW12-20241212DL2	61168	6.85	250458	8.13	151708	9.88
02 MW14-20241212DL2	68663	6.85	282504	8.13	160863	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P5270 SAS No.: P5270 SDG NO.: P5270

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 MW12-20241212DL2	301660	11.37	164695	14.03	181077	15.53
02 MW14-20241212DL2	301742	11.38	176940	14.03	172046	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.



SAMPLE DATA

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW12-20241212	SDG No.:	P5270
Lab Sample ID:	P5270-07	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
BF140849.D	1	12/13/24 11:40	12/13/24 17:28	PB165623

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	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	U	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	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	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	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	830	E	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	180	E	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	61.6	Q	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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW12-20241212	SDG No.:	P5270
Lab Sample ID:	P5270-07	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
BF140849.D	1	12/13/24 11:40	12/13/24 17:28	PB165623

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	110	E	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	4.90	J	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	41.3		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	63.5		0.89	5.00	ug/L
120-12-7	Anthracene	14.3	Q	1.10	5.00	ug/L
86-74-8	Carbazole	4.20	J	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	4.10	J	1.30	5.00	ug/L
129-00-0	Pyrene	5.80	Q	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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW12-20241212	SDG No.:	P5270
Lab Sample ID:	P5270-07	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
BF140849.D	1	12/13/24 11:40	12/13/24 17:28	PB165623

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	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	UQ	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	65.3		10 - 139	44%	SPK: 150
13127-88-3	Phenol-d6	38.9		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.0		49 - 133	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.0		52 - 132	97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	160		44 - 137	107%	SPK: 150
1718-51-0	Terphenyl-d14	86.0		48 - 125	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	28200	6.857			
1146-65-2	Naphthalene-d8	105000	8.145			
15067-26-2	Acenaphthene-d10	66700	9.892			
1517-22-2	Phenanthrene-d10	137000	11.386			
1719-03-5	Chrysene-d12	95900	14.045			
1520-96-3	Perylene-d12	89400	15.557			
TENTATIVE IDENTIFIED COMPOUNDS						
000098-82-8	Benzene, (1-methylethyl)-	81.6	J		6.02	ug/L
000103-65-1	Benzene, propyl-	90.2	J		6.31	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	35.0	J		6.41	ug/L
000108-67-8	Mesitylene	36.2	J		6.45	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	310	J		6.68	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	180	J		6.91	ug/L
036617-02-4	Benzene, (2-bromocyclopropyl)-	20.0	J		6.95	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW12-20241212	SDG No.:	P5270
Lab Sample ID:	P5270-07	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
BF140849.D	1	12/13/24 11:40	12/13/24 17:28	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000496-11-7	Indane	480	J		7.04	ug/L
000141-93-5	Benzene, 1,3-diethyl-	85.3	J		7.10	ug/L
000135-01-3	Benzene, 1,2-diethyl-	73.6	J		7.17	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	58.1	J		7.32	ug/L
90-12-0	1-Methylnaphthalene	600	J		8.96	ug/L
000939-27-5	Naphthalene, 2-ethyl-	34.0	J		9.42	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	65.9	J		9.48	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	98.7	J		9.55	ug/L
000101-81-5	Diphenylmethane	25.1	J		9.58	ug/L
000575-37-1	Naphthalene, 1,7-dimethyl-	62.4	J		9.67	ug/L
000575-41-7	Naphthalene, 1,3-dimethyl-	39.8	J		9.75	ug/L
000112-18-5	1-Dodecanamine, N,N-dimethyl-	200	J		9.84	ug/L
000203-80-5	1H-Phenalene	24.4	J		10.4	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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140849.D
 Acq On : 13 Dec 2024 17:28
 Operator : RC/JU
 Sample : P5270-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW12-20241212

Quant Time: Dec 13 21:41:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

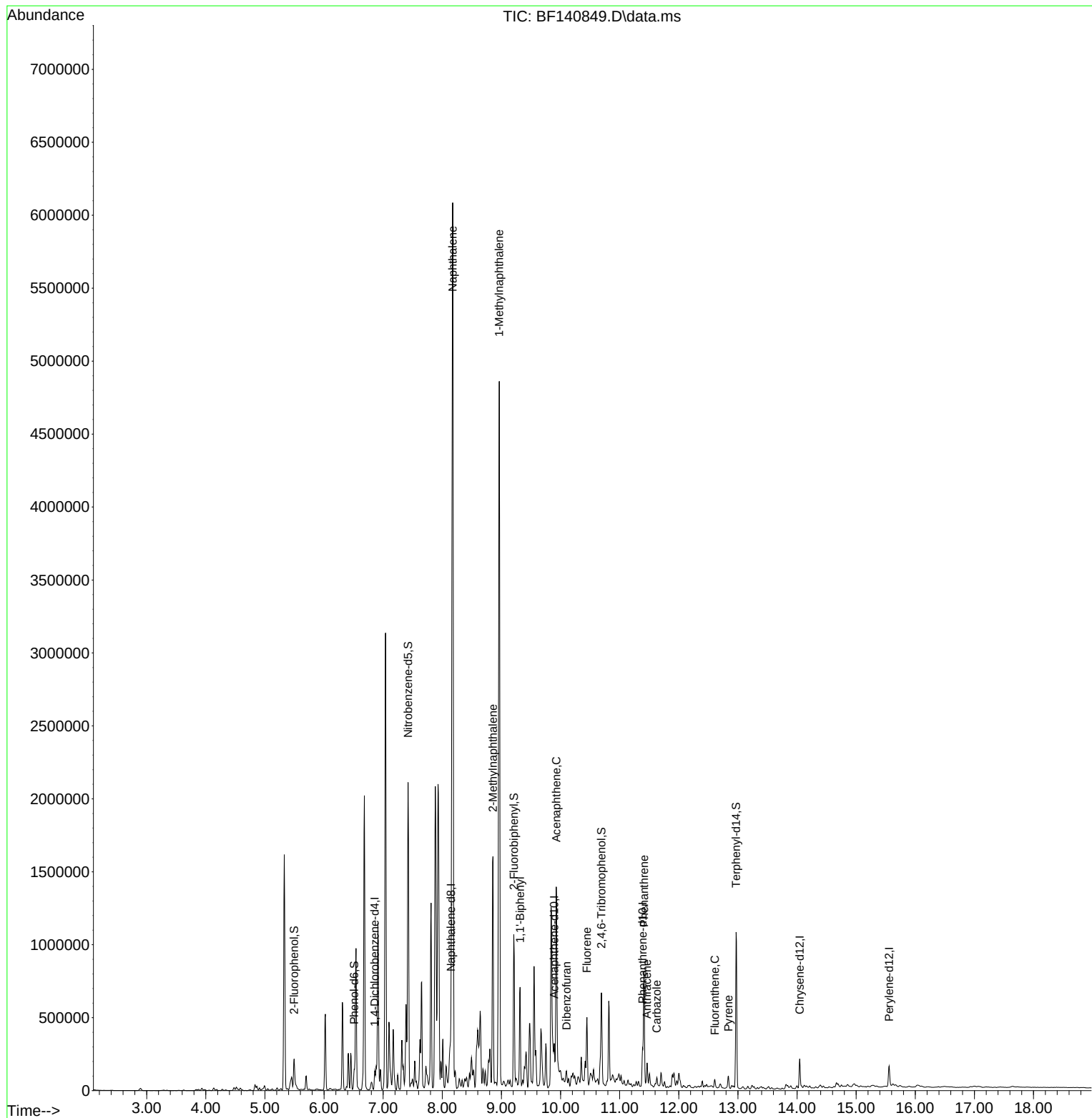
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	28219	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	105003	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	66739	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	136835	20.000	ng	-0.02
76) Chrysene-d12	14.045	240	95873	20.000	ng	0.00
86) Perylene-d12	15.557	264	89401	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	108047	65.329	ng	0.00
7) Phenol-d6	6.510	99	85129	38.934	ng	0.00
23) Nitrobenzene-d5	7.422	82	193049	94.040	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	114186	159.974	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	434679	97.042	ng	-0.02
79) Terphenyl-d14	12.969	244	529415	85.985	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.175	128	4493988	830.900	ng	97
37) 2-Methylnaphthalene	8.857	142	609078	177.300	ng	99
38) 1-Methylnaphthalene	8.963	142	2019737	599.812	ng	100
46) 1,1'-Biphenyl	9.316	154	307123	61.637	ng	99
52) Acenaphthene	9.928	154	388013	107.048	ng	99
55) Dibenzofuran	10.104	168	26915	4.868	ng	# 95
58) Fluorene	10.445	166	183161	41.273	ng	97
71) Phenanthrene	11.410	178	417344	63.450	ng	99
72) Anthracene	11.463	178	91887	14.281	ng	99
73) Carbazole	11.628	167	25885	4.182	ng	99
75) Fluoranthene	12.610	202	29104	4.075	ng	99
78) Pyrene	12.839	202	51420	5.801	ng	99

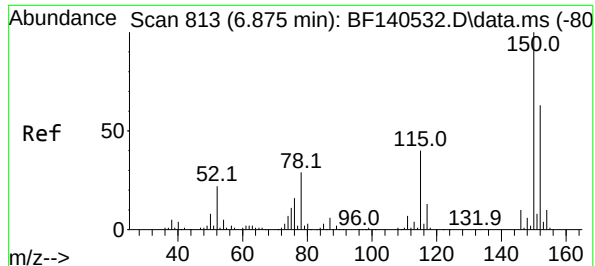
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140849.D
Acq On : 13 Dec 2024 17:28
Operator : RC/JU
Sample : P5270-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW12-20241212

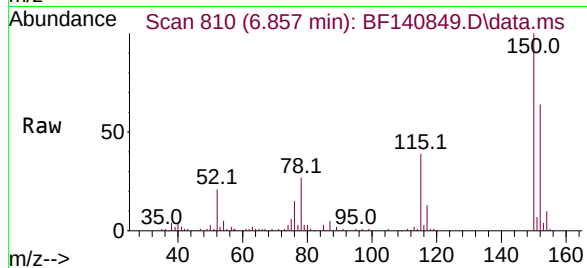
Quant Time: Dec 13 21:41:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



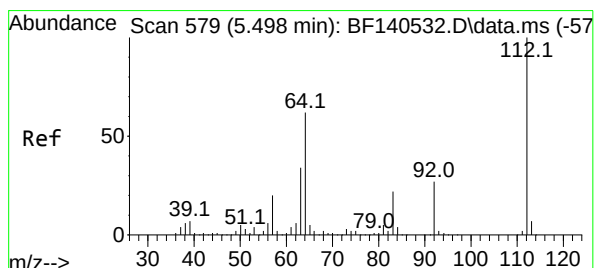
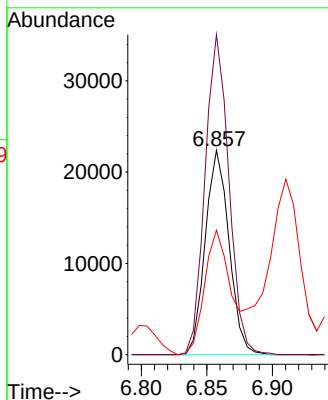
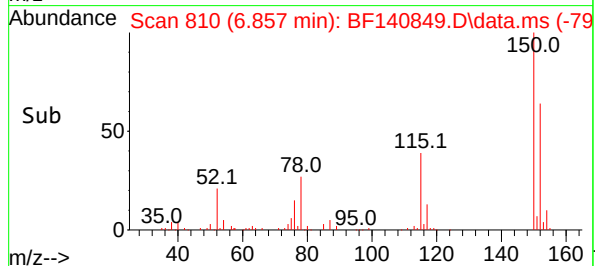


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

Instrument :
BNA_F
ClientSampleId :
MW12-20241212

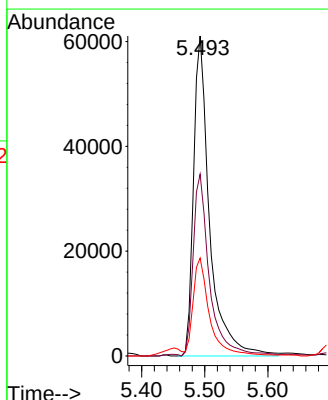
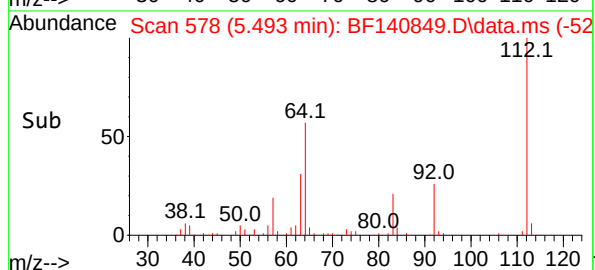
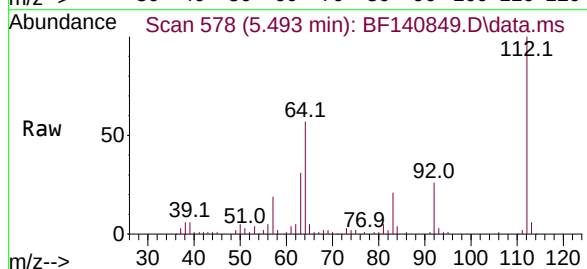


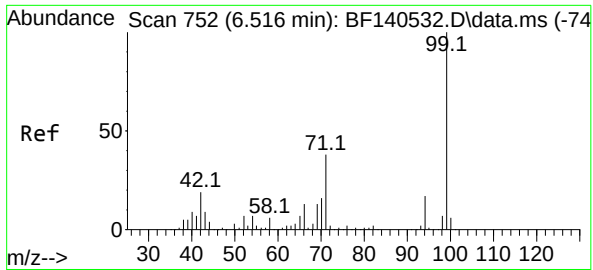
Tgt Ion:152 Resp: 28219
Ion Ratio Lower Upper
152 100
150 156.6 128.5 192.7
115 60.9 50.2 75.4



#5
2-Fluorophenol
Concen: 65.329 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

Tgt Ion:112 Resp: 108047
Ion Ratio Lower Upper
112 100
64 56.8 49.2 73.8
63 30.6 27.0 40.4

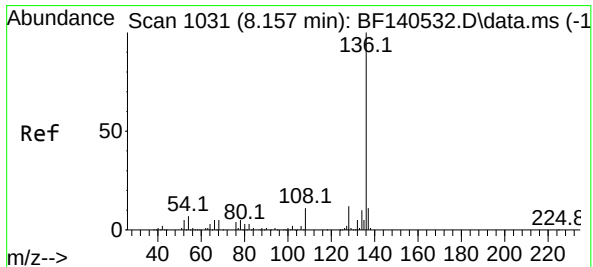
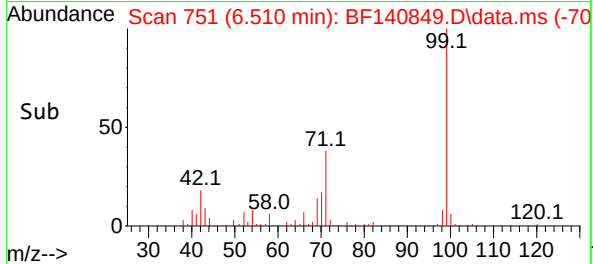
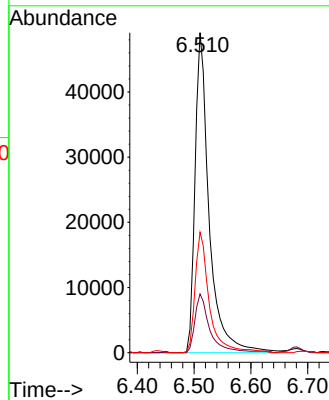
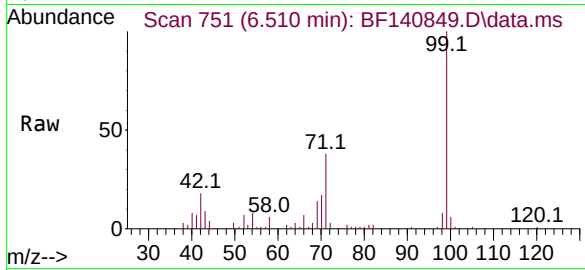




#7
Phenol-d6
Concen: 38.934 ng
RT: 6.510 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

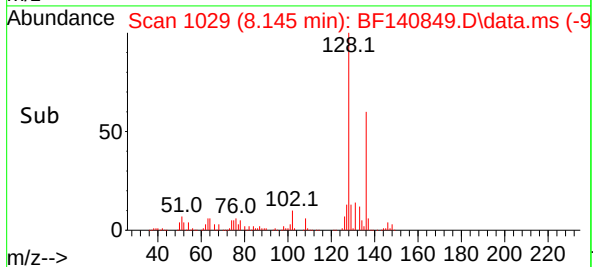
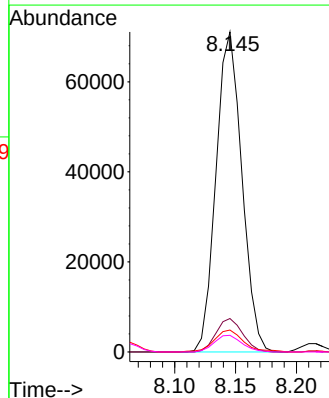
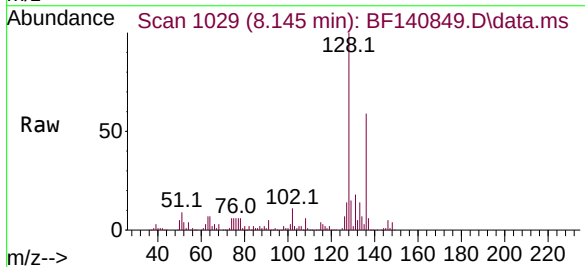
Instrument :
BNA_F
ClientSampleId :
MW12-20241212

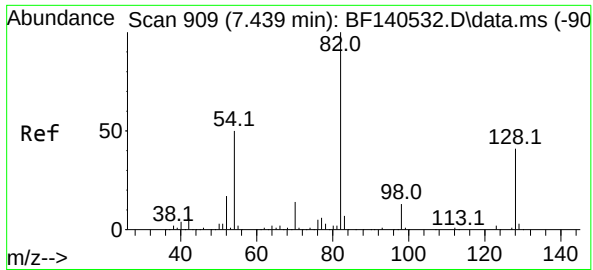
Tgt Ion: 99 Resp: 85129
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 37.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

Tgt Ion: 136 Resp: 105003
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.8 5.8 8.8
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 94.040 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

Instrument :

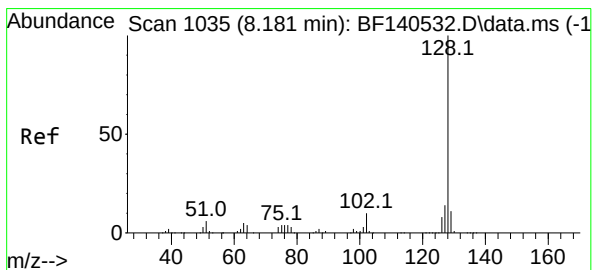
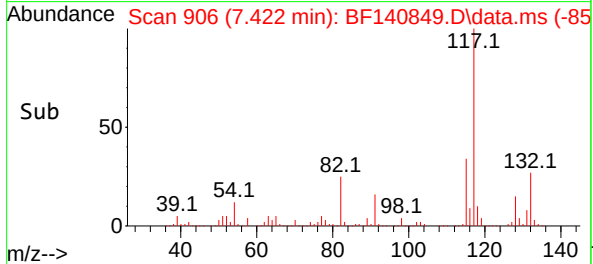
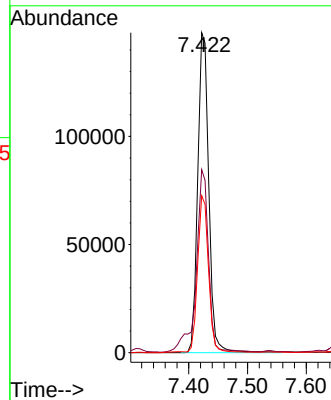
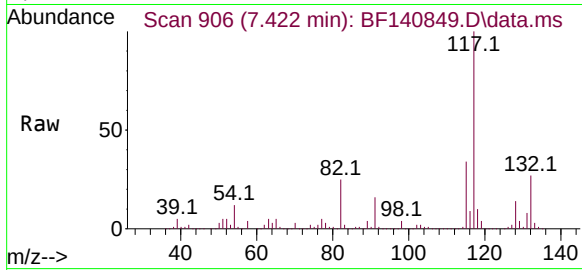
BNA_F

ClientSampleId :

MW12-20241212

Tgt Ion: 82 Resp: 193049

Ion	Ratio	Lower	Upper
82	100		
128	57.2	33.0	49.4#
54	49.0	39.5	59.3



#31

Naphthalene

Concen: 830.900 ng

RT: 8.175 min Scan# 1034

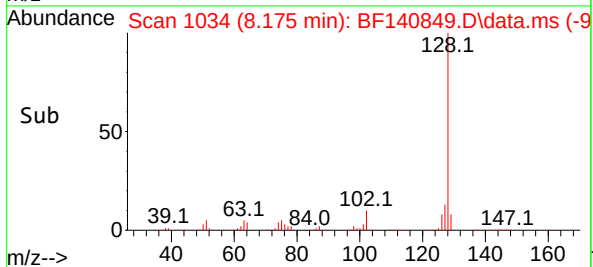
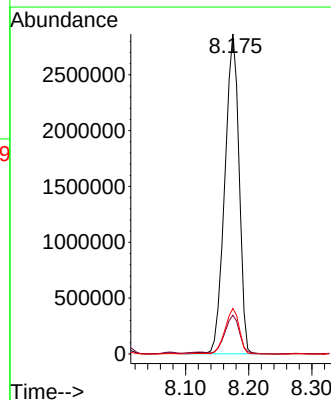
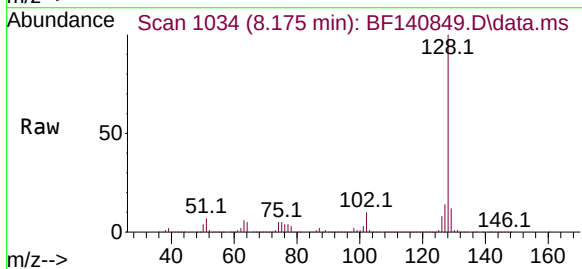
Delta R.T. -0.006 min

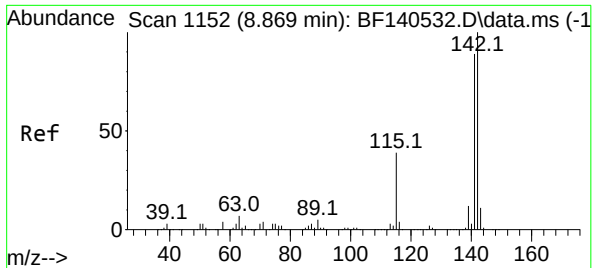
Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

Tgt Ion:128 Resp: 4493988

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.6	13.0
127	14.2	10.8	16.2





#37

2-Methylnaphthalene

Concen: 177.300 ng

RT: 8.857 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

Instrument :

BNA_F

ClientSampleId :

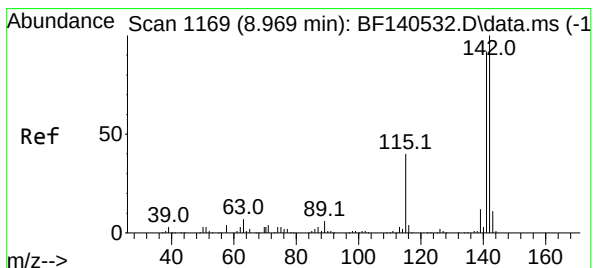
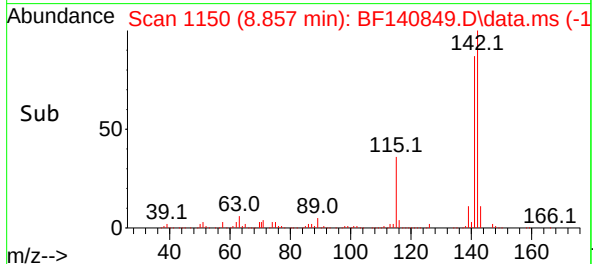
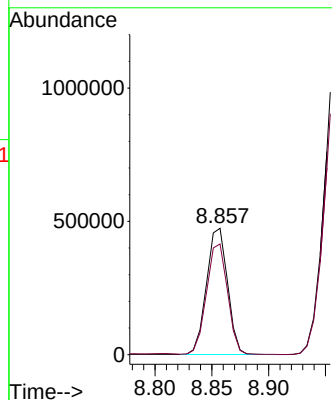
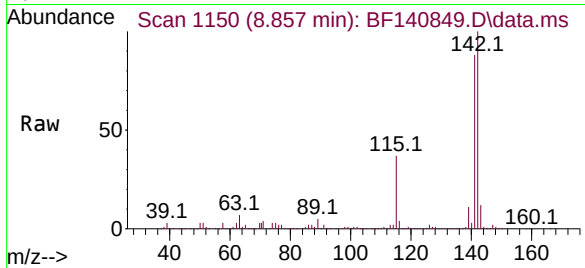
MW12-20241212

Tgt Ion:142 Resp: 609078

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 599.812 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140849.D

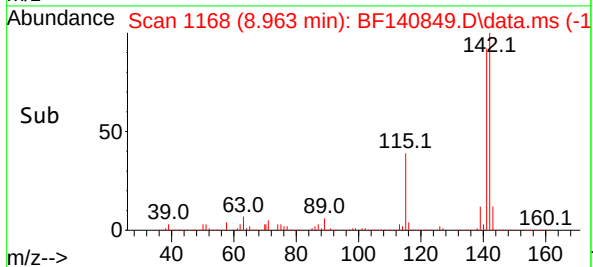
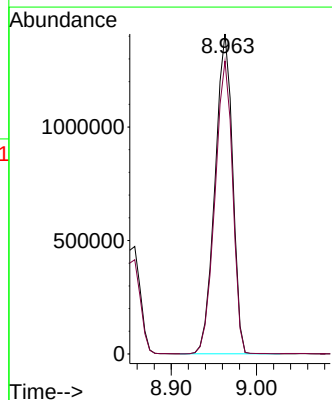
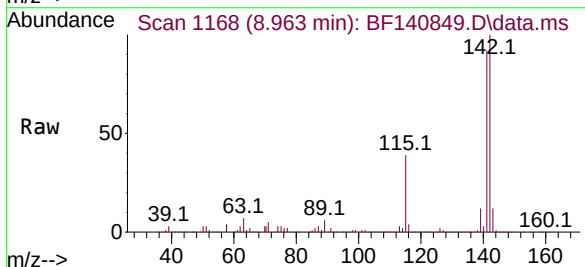
Acq: 13 Dec 2024 17:28

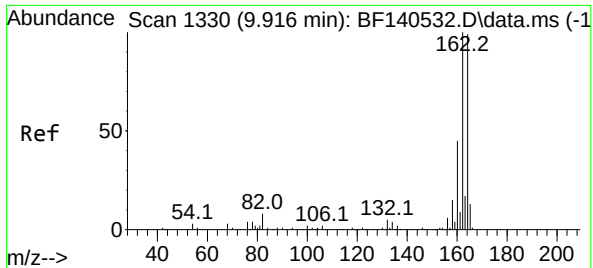
Tgt Ion:142 Resp: 2019737

Ion Ratio Lower Upper

142 100

141 91.5 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1

Delta R.T. -0.023 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

Instrument :

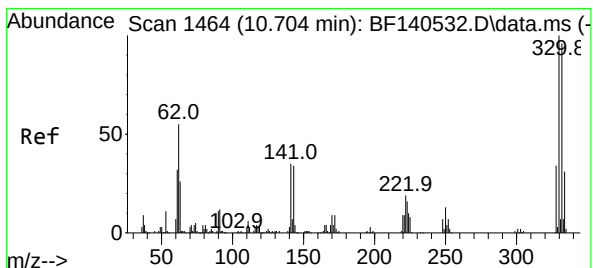
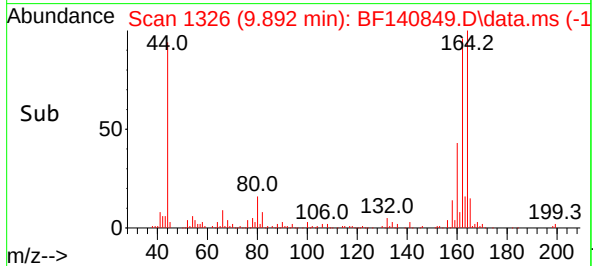
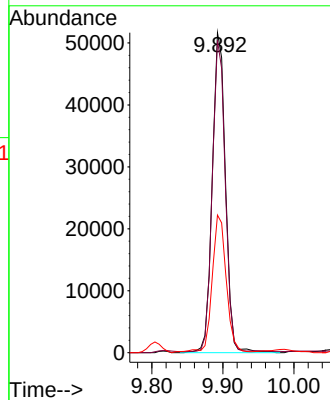
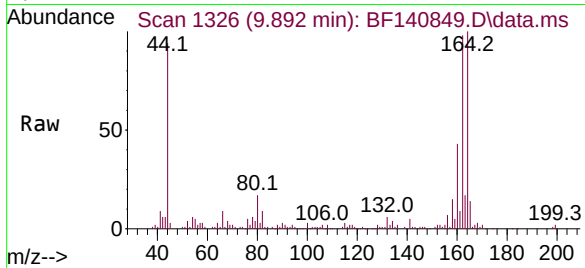
BNA_F

ClientSampleId :

MW12-20241212

Tgt Ion:164 Resp: 66739

Ion	Ratio	Lower	Upper
164	100		
162	97.6	80.6	120.8
160	43.0	36.2	54.4



#42

2,4,6-Tribromophenol

Concen: 159.974 ng

RT: 10.692 min Scan# 1462

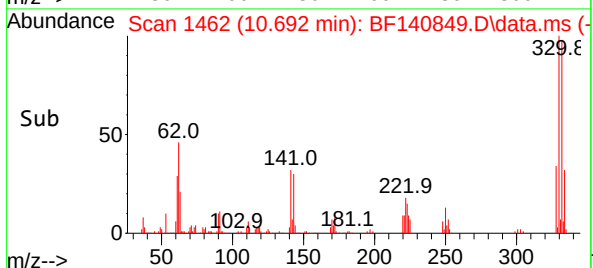
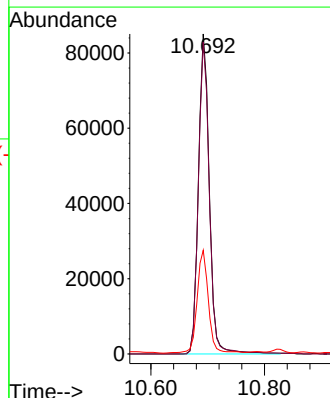
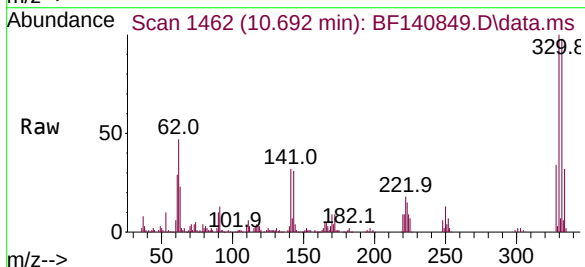
Delta R.T. -0.012 min

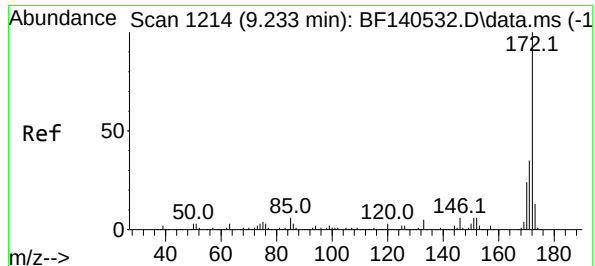
Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

Tgt Ion:330 Resp: 114186

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.9	115.3
141	33.4	26.7	40.1





#45

2-Fluorobiphenyl

Concen: 97.042 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

Instrument :

BNA_F

ClientSampleId :

MW12-20241212

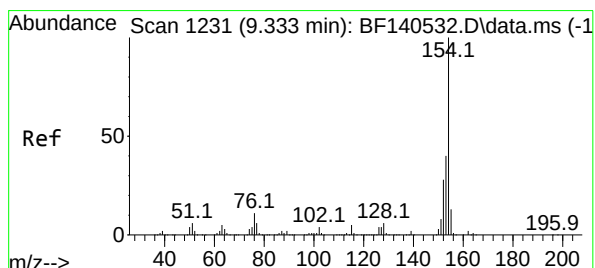
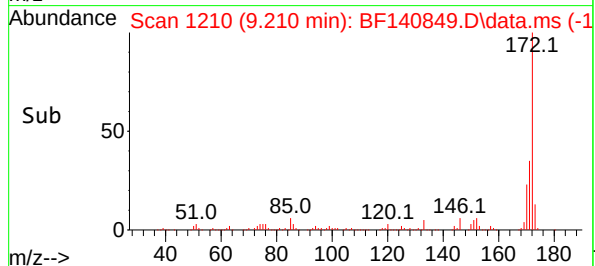
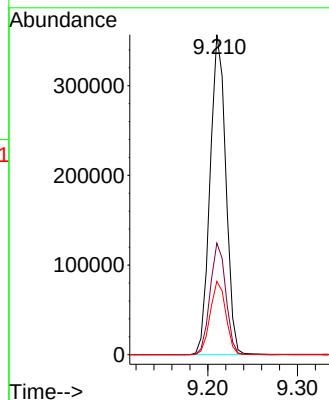
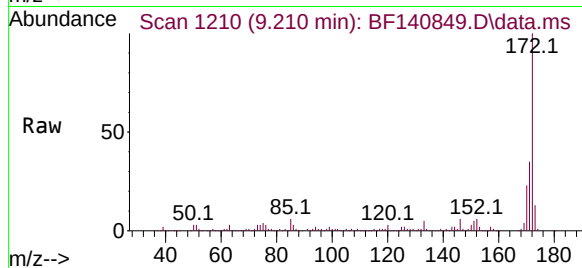
Tgt Ion:172 Resp: 434679

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 22.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 61.637 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.017 min

Lab File: BF140849.D

Acq: 13 Dec 2024 17:28

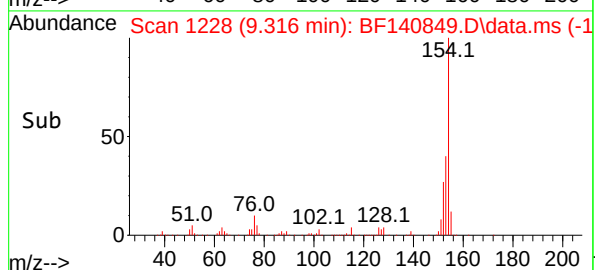
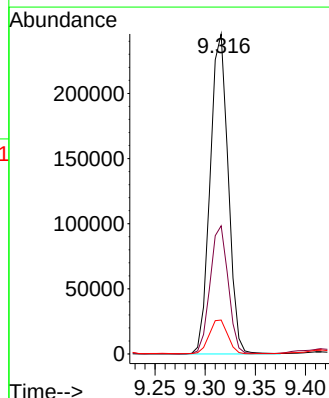
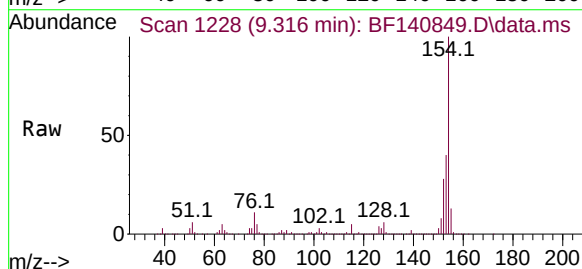
Tgt Ion:154 Resp: 307123

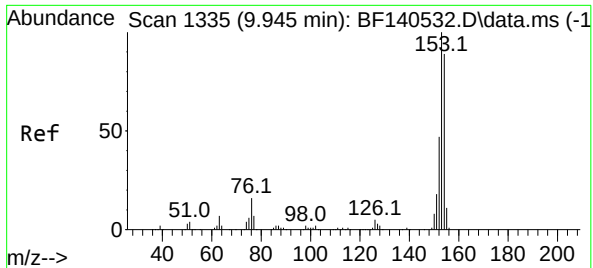
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 10.6 0.0 31.2

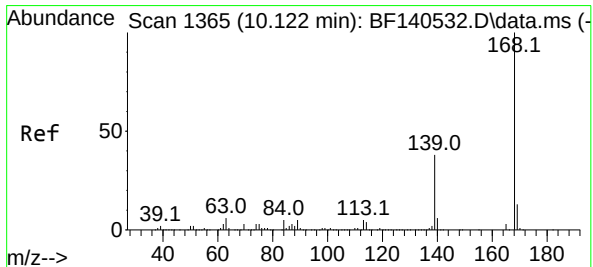
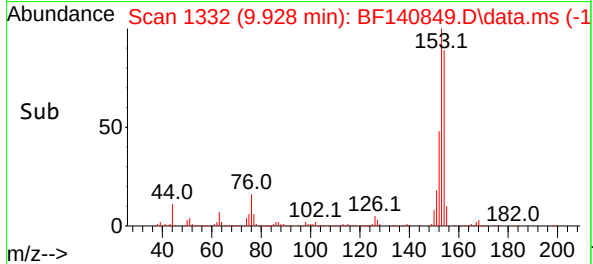
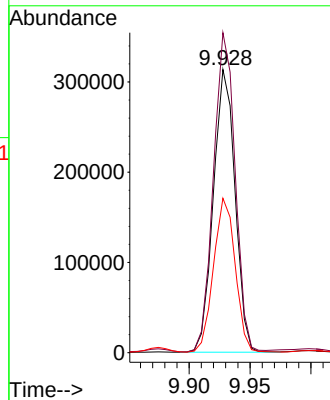
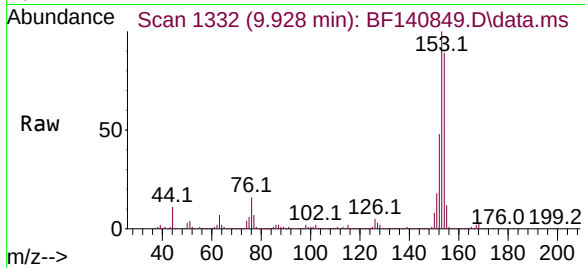




#52
Acenaphthene
Concen: 107.048 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.018 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

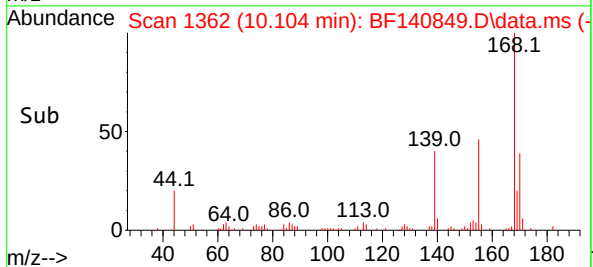
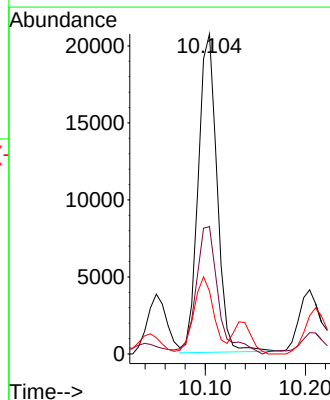
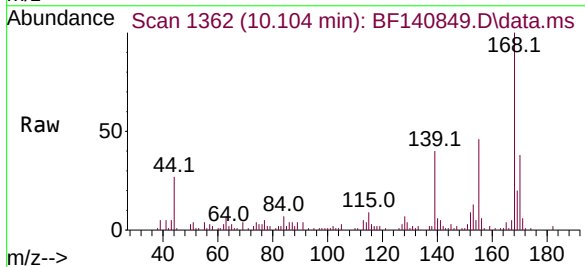
Instrument :
BNA_F
ClientSampleId :
MW12-20241212

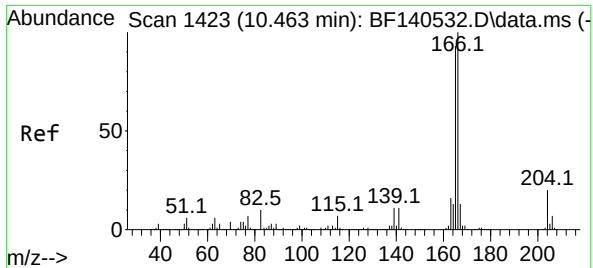
Tgt Ion:154 Resp: 388013
Ion Ratio Lower Upper
154 100
153 113.0 89.7 134.5
152 54.5 42.5 63.7



#55
Dibenzofuran
Concen: 4.868 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.018 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

Tgt Ion:168 Resp: 26915
Ion Ratio Lower Upper
168 100
139 39.8 31.3 46.9
169 19.7 10.5 15.7#

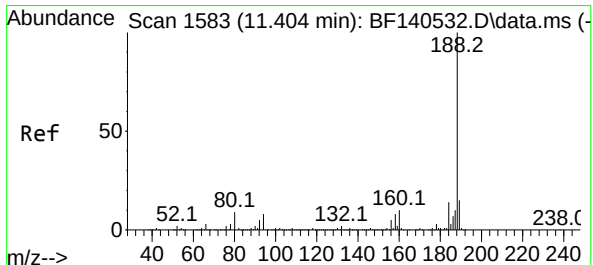
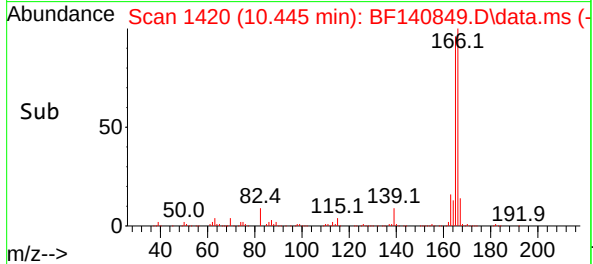
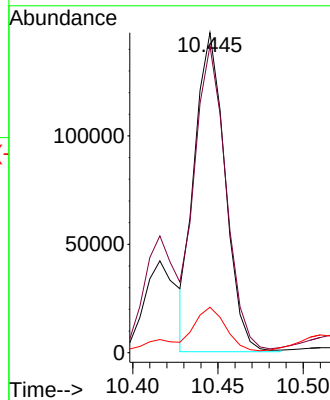
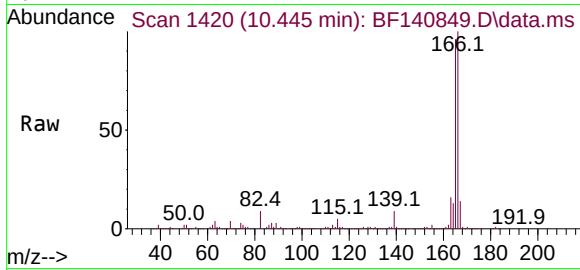




#58
Fluorene
Concen: 41.273 ng
RT: 10.445 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

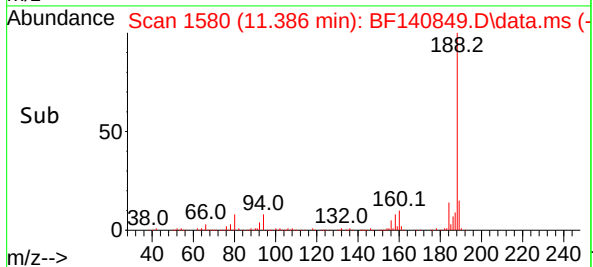
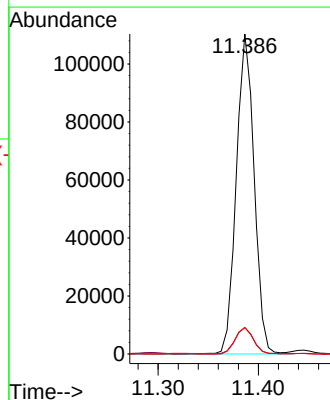
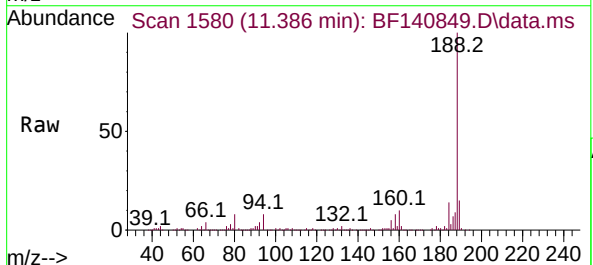
Instrument :
BNA_F
ClientSampleId :
MW12-20241212

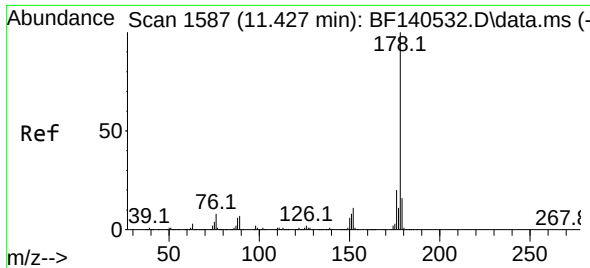
Tgt Ion:166 Resp: 183161
Ion Ratio Lower Upper
166 100
165 95.9 74.6 111.8
167 14.2 10.6 16.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.018 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

Tgt Ion:188 Resp: 136835
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.3 6.9 10.3

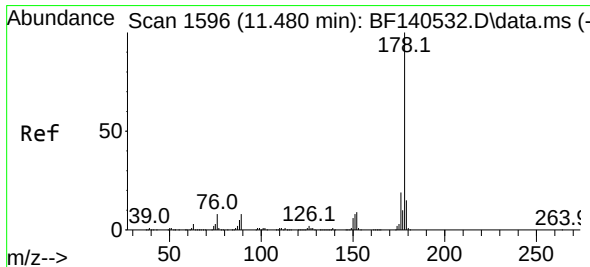
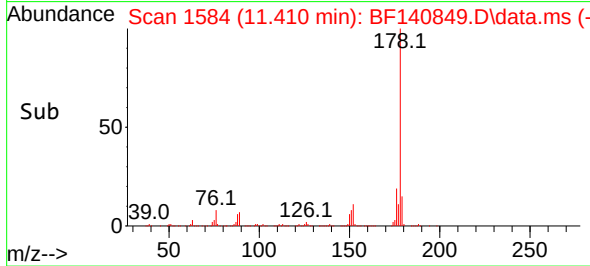
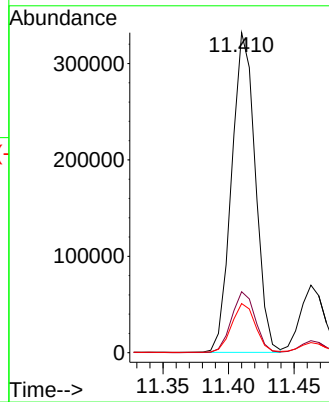
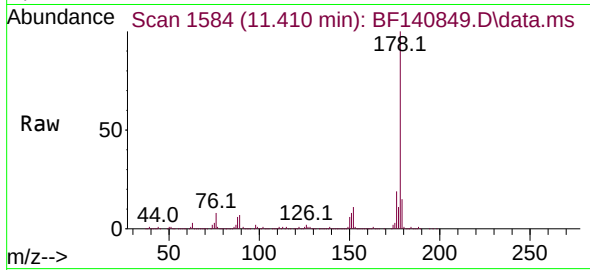




#71
Phenanthrene
Concen: 63.450 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.018 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

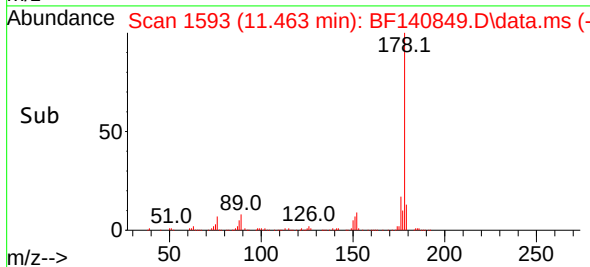
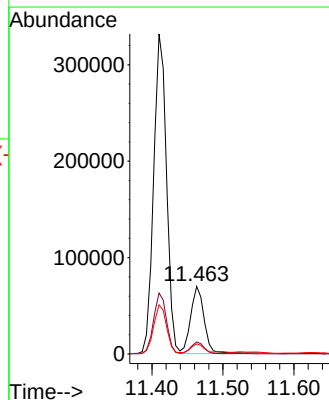
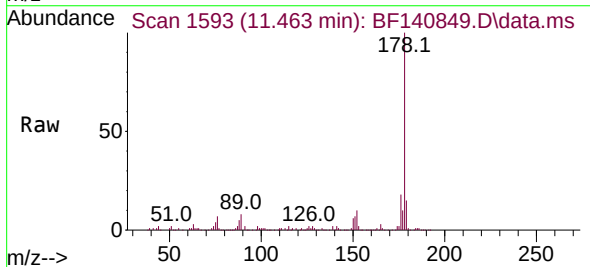
Instrument :
BNA_F
ClientSampleId :
MW12-20241212

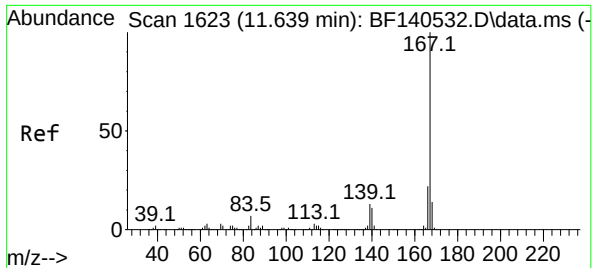
Tgt Ion:178 Resp: 417344
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.4 12.4 18.6



#72
Anthracene
Concen: 14.281 ng
RT: 11.463 min Scan# 1593
Delta R.T. -0.018 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

Tgt Ion:178 Resp: 91887
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.4
179 15.0 12.2 18.4

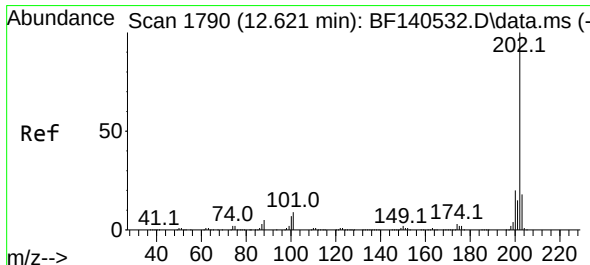
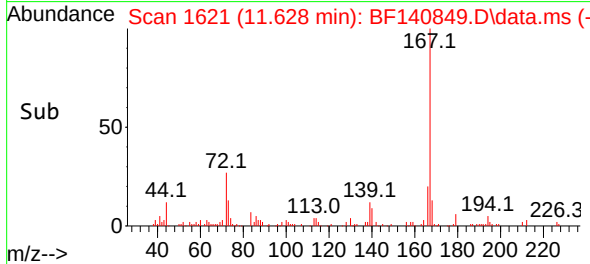
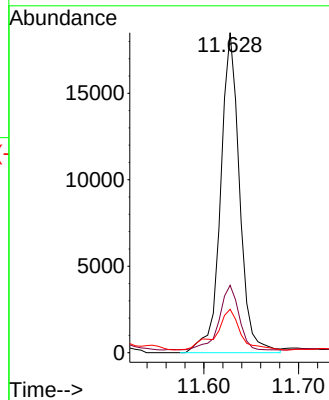
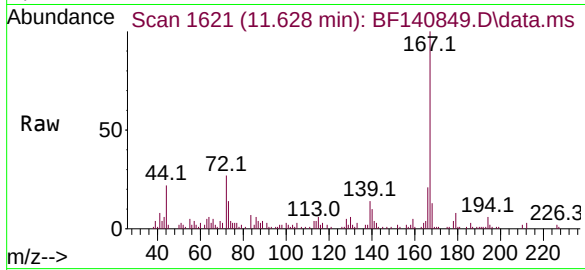




#73
 Carbazole
 Concen: 4.182 ng
 RT: 11.628 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BF140849.D
 Acq: 13 Dec 2024 17:28

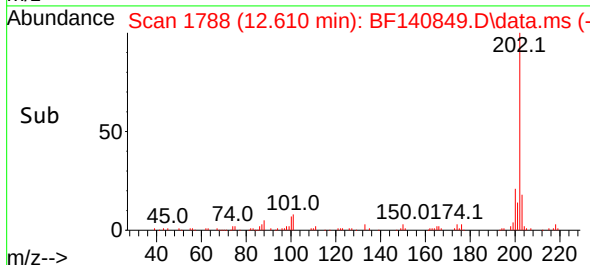
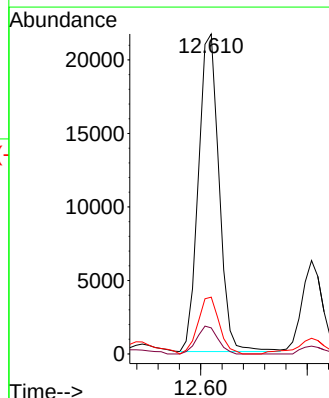
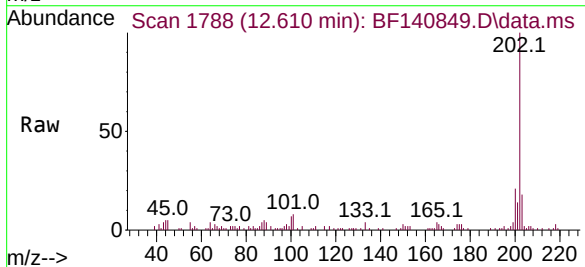
Instrument :
 BNA_F
 ClientSampleId :
 MW12-20241212

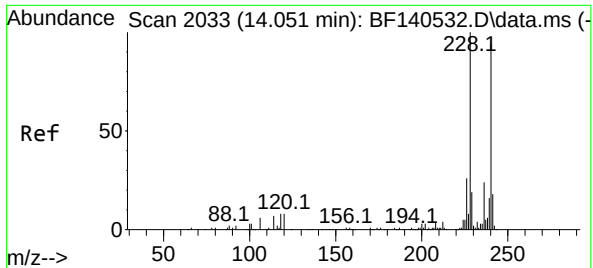
Tgt Ion:167	Resp:	25885
Ion Ratio	Lower	Upper
167	100	
166	21.0	17.2 25.8
139	13.6	10.6 15.8



#75
 Fluoranthene
 Concen: 4.075 ng
 RT: 12.610 min Scan# 1788
 Delta R.T. -0.012 min
 Lab File: BF140849.D
 Acq: 13 Dec 2024 17:28

Tgt Ion:202	Resp:	29104
Ion Ratio	Lower	Upper
202	100	
101	8.1	0.0 28.9
203	17.8	0.0 37.6

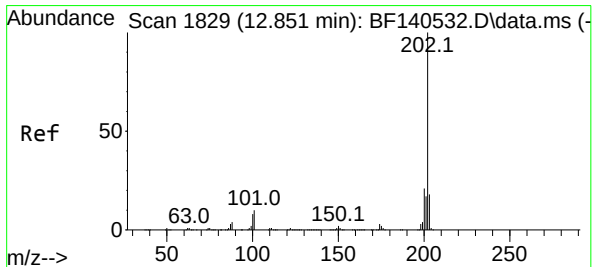
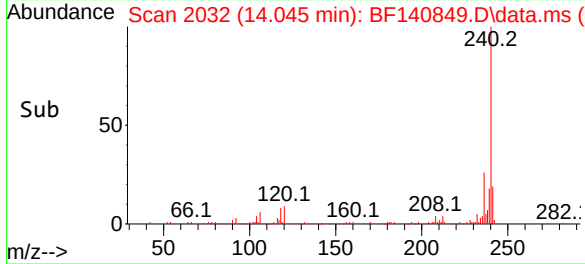
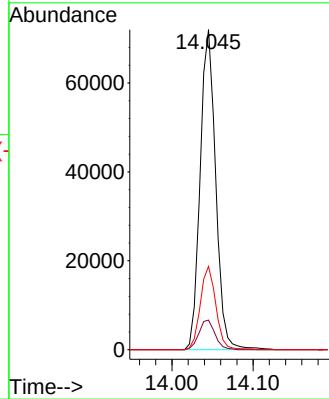
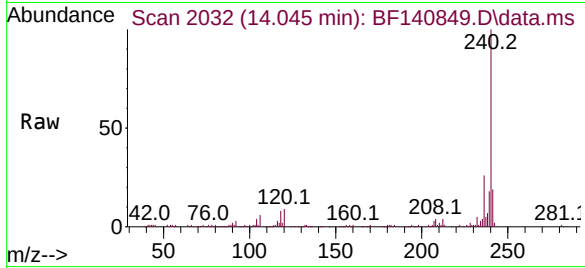




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

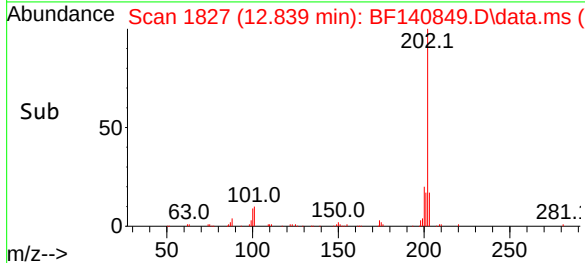
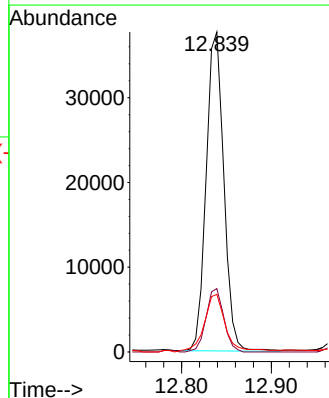
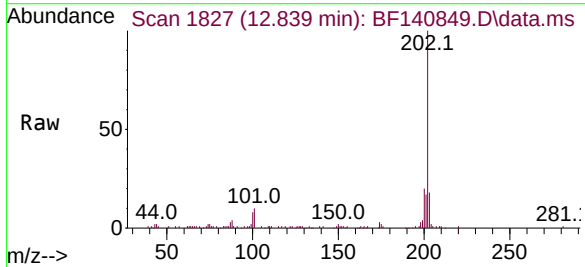
Instrument :
BNA_F
ClientSampleId :
MW12-20241212

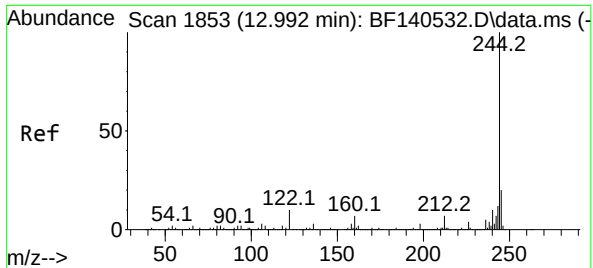
Tgt Ion:240 Resp: 95873
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 26.0 20.6 31.0



#78
Pyrene
Concen: 5.801 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

Tgt Ion:202 Resp: 51420
Ion Ratio Lower Upper
202 100
200 19.8 16.5 24.7
203 18.0 14.2 21.4

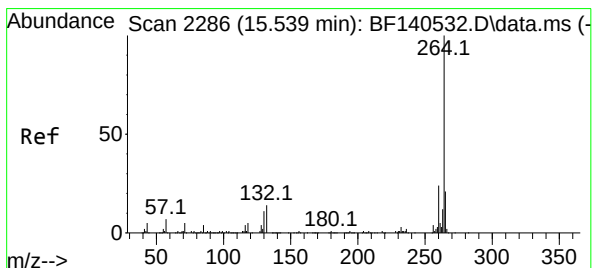
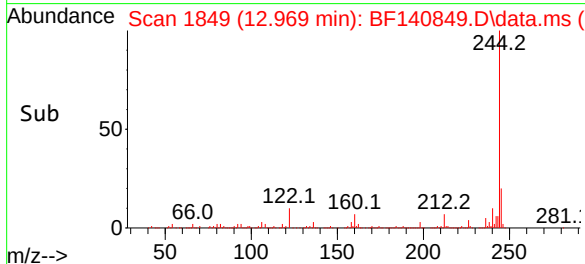
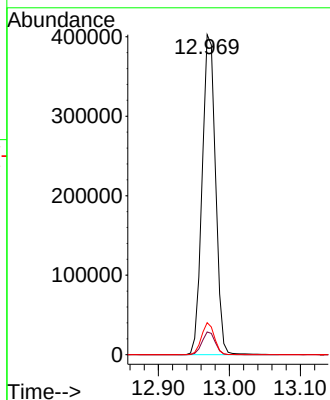
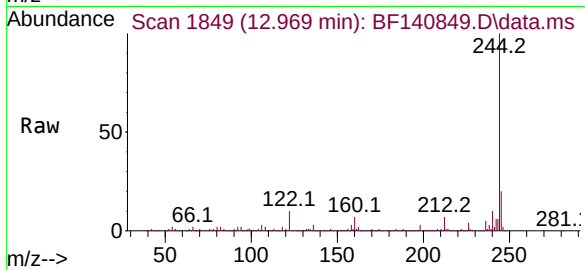




#79
Terphenyl-d14
Concen: 85.985 ng
RT: 12.969 min Scan# 1849
Delta R.T. -0.023 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

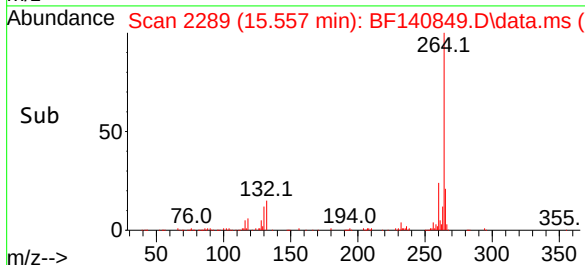
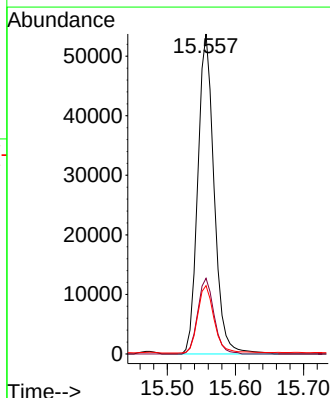
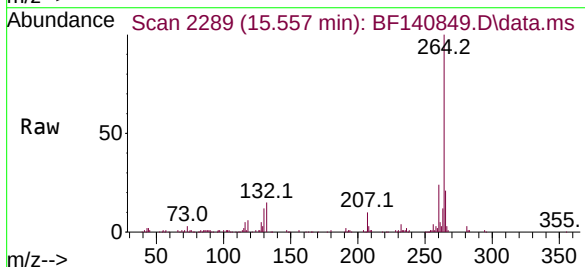
Instrument :
BNA_F
ClientSampleId :
MW12-20241212

Tgt Ion:244 Resp: 529415
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.0 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140849.D
Acq: 13 Dec 2024 17:28

Tgt Ion:264 Resp: 89401
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.3 16.6 25.0



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW12-20241212DL	SDG No.:	P5270
Lab Sample ID:	P5270-07DL	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
BF140885.D	10	12/13/24 11:40	12/17/24 15:12	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	40.0	UD	40.0	100	ug/L
108-95-2	Phenol	9.30	UD	9.30	50.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	UDQ	11.9	50.0	ug/L
95-57-8	2-Chlorophenol	7.10	UD	7.10	50.0	ug/L
95-48-7	2-Methylphenol	11.3	UD	11.3	50.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	UDQ	13.5	50.0	ug/L
98-86-2	Acetophenone	11.0	UDQ	11.0	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.5	UD	11.5	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	UD	14.8	25.0	ug/L
67-72-1	Hexachloroethane	10.1	UD	10.1	50.0	ug/L
98-95-3	Nitrobenzene	12.7	UD	12.7	50.0	ug/L
78-59-1	Isophorone	11.4	UDQ	11.4	50.0	ug/L
88-75-5	2-Nitrophenol	19.6	UD	19.6	50.0	ug/L
105-67-9	2,4-Dimethylphenol	15.1	UD	15.1	50.0	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	UD	10.2	50.0	ug/L
120-83-2	2,4-Dichlorophenol	8.80	UD	8.80	50.0	ug/L
91-20-3	Naphthalene	960	ED	10.2	50.0	ug/L
106-47-8	4-Chloroaniline	13.0	UD	13.0	50.0	ug/L
87-68-3	Hexachlorobutadiene	12.7	UD	12.7	50.0	ug/L
105-60-2	Caprolactam	16.5	UD	16.5	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.40	UD	8.40	50.0	ug/L
91-57-6	2-Methylnaphthalene	160	D	11.3	50.0	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	UD	50.2	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.90	UD	8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	UD	10.1	50.0	ug/L
92-52-4	1,1-Biphenyl	63.3	DQ	9.10	50.0	ug/L
91-58-7	2-Chloronaphthalene	9.70	UD	9.70	50.0	ug/L
88-74-4	2-Nitroaniline	14.1	UD	14.1	50.0	ug/L
131-11-3	Dimethylphthalate	9.30	UDQ	9.30	50.0	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.		Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue		Date Received:	12/13/24
Client Sample ID:	MW12-20241212DL		SDG No.:	P5270
Lab Sample ID:	P5270-07DL		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
BF140885.D	10	12/13/24 11:40	12/17/24 15:12	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	10.4	UDQ	10.4	50.0	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	UD	12.4	50.0	ug/L
99-09-2	3-Nitroaniline	13.7	UD	13.7	50.0	ug/L
83-32-9	Acenaphthene	110	D	8.10	50.0	ug/L
51-28-5	2,4-Dinitrophenol	64.2	UD	64.2	100	ug/L
100-02-7	4-Nitrophenol	20.0	UD	20.0	100	ug/L
132-64-9	Dibenzofuran	9.30	UD	9.30	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	UD	15.2	50.0	ug/L
84-66-2	Diethylphthalate	10.4	UD	10.4	50.0	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.80	UD	9.80	50.0	ug/L
86-73-7	Fluorene	46.7	JD	9.60	50.0	ug/L
100-01-6	4-Nitroaniline	20.4	UD	20.4	50.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	UD	30.7	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.90	UDQ	8.90	50.0	ug/L
101-55-3	4-Bromophenyl-phenylether	9.50	UDQ	9.50	50.0	ug/L
118-74-1	Hexachlorobenzene	11.4	UD	11.4	50.0	ug/L
1912-24-9	Atrazine	12.6	UDQ	12.6	50.0	ug/L
87-86-5	Pentachlorophenol	18.5	UD	18.5	100	ug/L
85-01-8	Phenanthrene	60.2	D	8.90	50.0	ug/L
120-12-7	Anthracene	10.7	UDQ	10.7	50.0	ug/L
86-74-8	Carbazole	11.5	UD	11.5	50.0	ug/L
84-74-2	Di-n-butylphthalate	14.7	UDQ	14.7	50.0	ug/L
206-44-0	Fluoranthene	12.9	UD	12.9	50.0	ug/L
129-00-0	Pyrene	10.6	UDQ	10.6	50.0	ug/L
85-68-7	Butylbenzylphthalate	21.0	UDQ	21.0	50.0	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	UD	12.8	100	ug/L
56-55-3	Benzo(a)anthracene	9.40	UDQ	9.40	50.0	ug/L
218-01-9	Chrysene	8.60	UD	8.60	50.0	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	UDQ	18.9	50.0	ug/L
117-84-0	Di-n-octyl phthalate	25.0	UD	25.0	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	UD	11.4	50.0	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW12-20241212DL	SDG No.:	P5270
Lab Sample ID:	P5270-07DL	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
BF140885.D	10	12/13/24 11:40	12/17/24 15:12	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	11.9	UD	11.9	50.0	ug/L
50-32-8	Benzo(a)pyrene	16.7	UD	16.7	50.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	UDQ	10.2	50.0	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	UDQ	11.5	50.0	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	UD	11.8	50.0	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	UDQ	10.9	50.0	ug/L
123-91-1	1,4-Dioxane	12.5	UD	12.5	50.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.90	UD	7.90	50.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	60.1		10 - 139	40%	SPK: 150
13127-88-3	Phenol-d6	32.8		10 - 134	22%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.2		49 - 133	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	103		52 - 132	103%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		44 - 137	74%	SPK: 150
1718-51-0	Terphenyl-d14	83.8		48 - 125	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	51900	6.851			
1146-65-2	Naphthalene-d8	191000	8.128			
15067-26-2	Acenaphthene-d10	103000	9.881			
1517-22-2	Phenanthrene-d10	184000	11.369			
1719-03-5	Chrysene-d12	134000	14.022			
1520-96-3	Perylene-d12	143000	15.51			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140885.D
 Acq On : 17 Dec 2024 15:12
 Operator : RC/JU
 Sample : P5270-07DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW12-20241212DL

Quant Time: Dec 17 15:37:42 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)

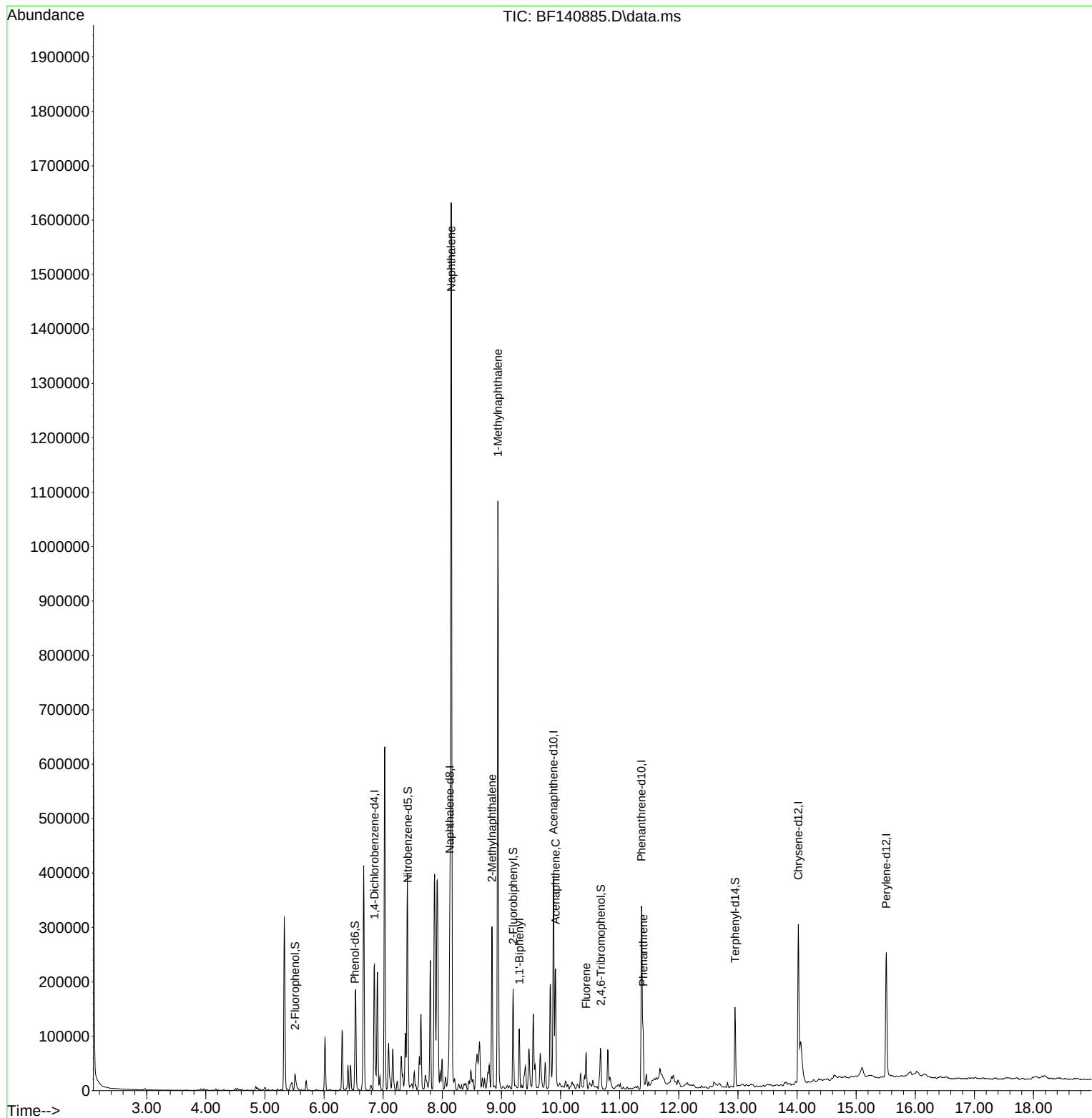
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	51871	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	191262	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	103044	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	183841	20.000	ng	0.00
76) Chrysene-d12	14.022	240	133693	20.000	ng	-0.01
86) Perylene-d12	15.510	264	142721	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	18952	6.015	ng	0.02
7) Phenol-d6	6.522	99	13698	3.282	ng	0.02
23) Nitrobenzene-d5	7.416	82	35254	9.222	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	13526	11.099	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	77247	10.307	ng	0.00
79) Terphenyl-d14	12.951	244	71093	8.385	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.151	128	1006135	95.766	ng	100
37) 2-Methylnaphthalene	8.839	142	109006	15.685	ng	98
38) 1-Methylnaphthalene	8.939	142	404096	58.792	ng	99
46) 1,1'-Biphenyl	9.304	154	51877	6.331	ng	97
52) Acenaphthene	9.916	154	64096	10.893	ng	98
58) Fluorene	10.434	166	35159	4.674	ng	95
71) Phenanthrene	11.398	178	56926	6.021	ng	99

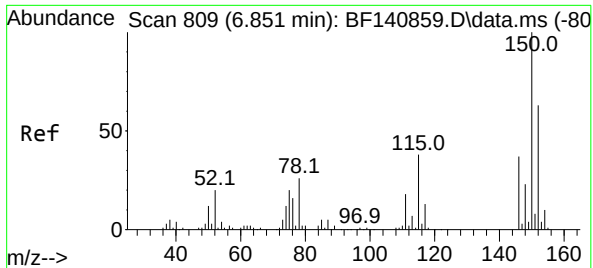
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140885.D
Acq On : 17 Dec 2024 15:12
Operator : RC/JU
Sample : P5270-07DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW12-20241212DL

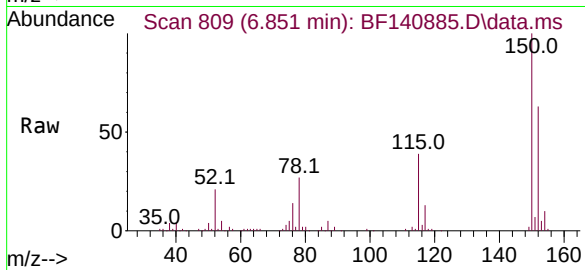
Quant Time: Dec 17 15:37:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



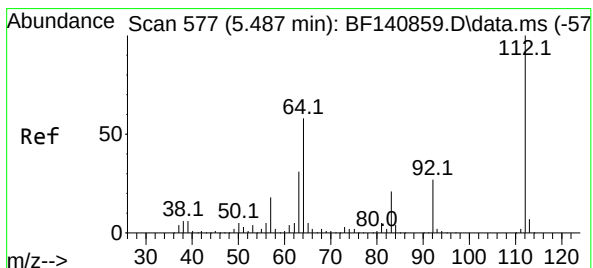
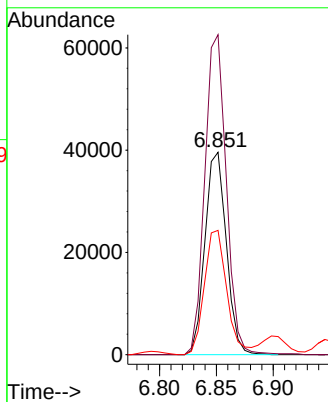
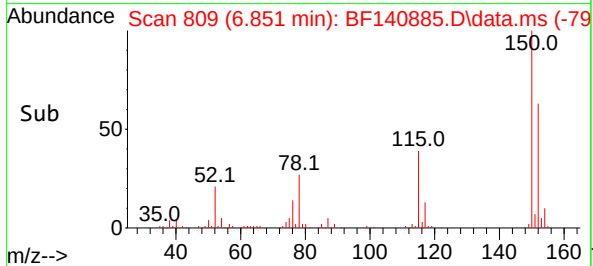


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140885.D
Acq: 17 Dec 2024 15:12

Instrument :
BNA_F
ClientSampleId :
MW12-20241212DL

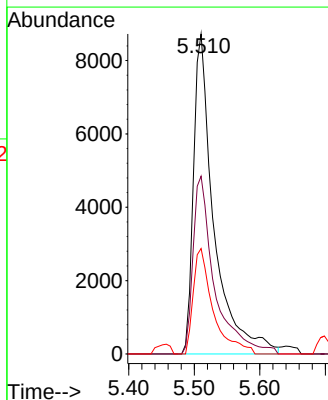
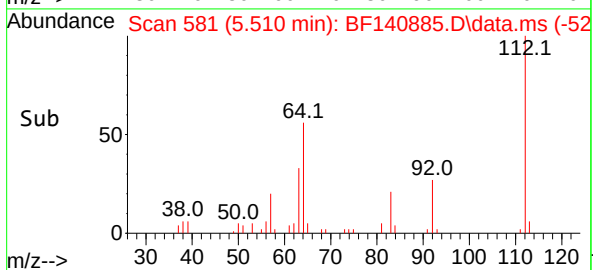
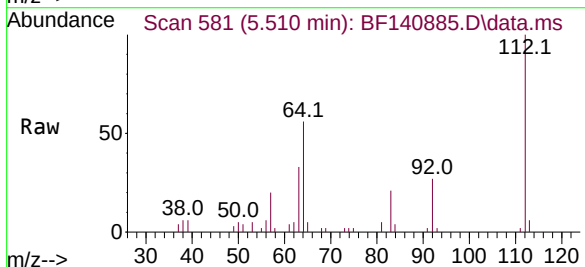


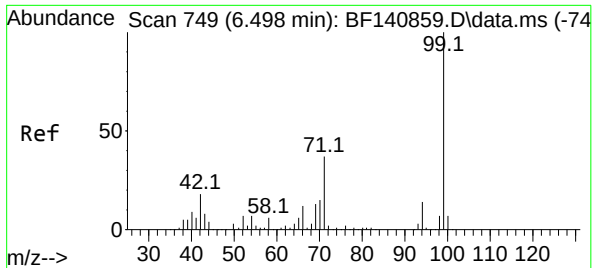
Tgt Ion:152 Resp: 51871
Ion Ratio Lower Upper
152 100
150 158.1 127.9 191.9
115 61.4 48.0 72.0



#5
2-Fluorophenol
Concen: 6.015 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF140885.D
Acq: 17 Dec 2024 15:12

Tgt Ion:112 Resp: 18952
Ion Ratio Lower Upper
112 100
64 55.6 46.1 69.1
63 33.0 24.9 37.3

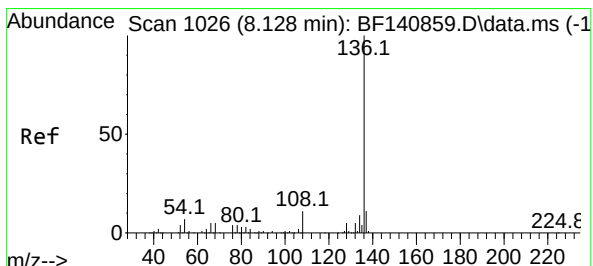
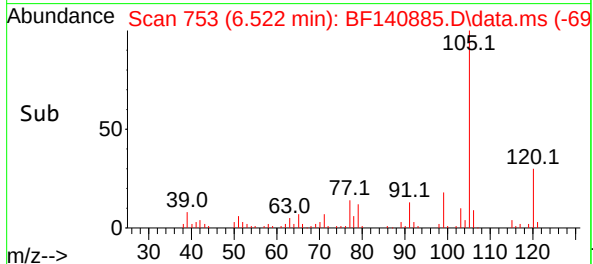
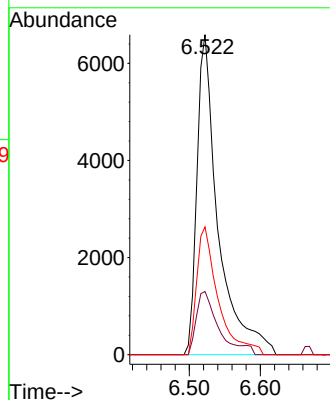
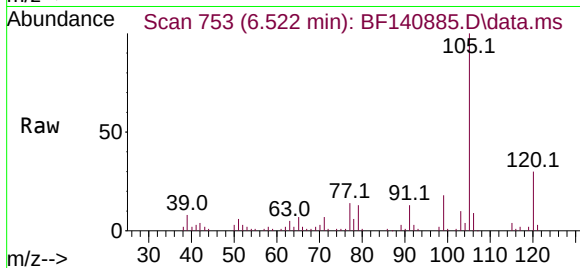




#7
Phenol-d6
Concen: 3.282 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.024 min
Lab File: BF140885.D
Acq: 17 Dec 2024 15:12

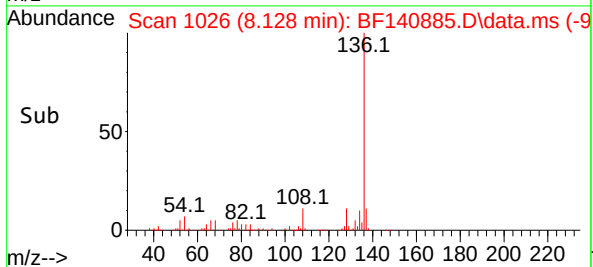
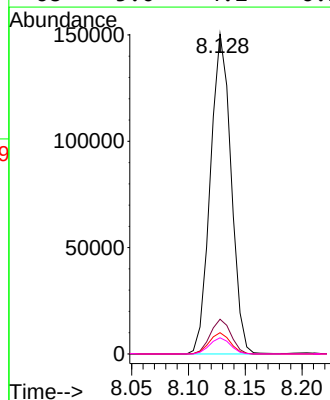
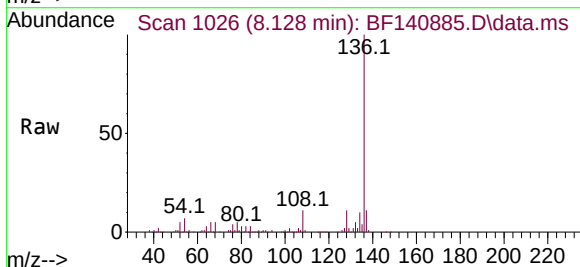
Instrument :
BNA_F
ClientSampleId :
MW12-20241212DL

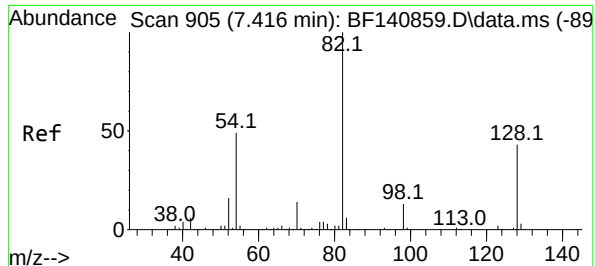
Tgt Ion	99	Ratio	100	Lower	Upper
99	100				
42	19.7		14.3		21.5
71	39.9		29.9		44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140885.D
Acq: 17 Dec 2024 15:12

Tgt Ion	136	Ratio	100	Lower	Upper
136	100				
137	10.8		9.0		13.4
54	6.6		5.6		8.4
68	5.0		4.2		6.2





#23

Nitrobenzene-d5

Concen: 9.222 ng

RT: 7.416 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF140885.D

Acq: 17 Dec 2024 15:12

Instrument :

BNA_F

ClientSampleId :

MW12-20241212DL

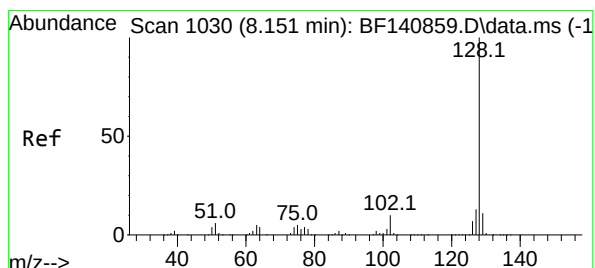
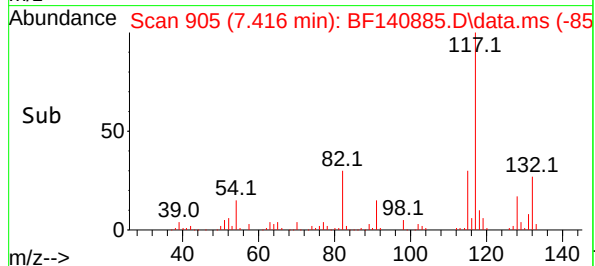
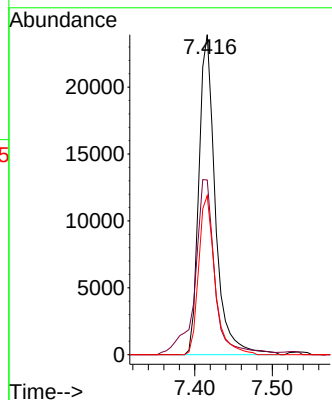
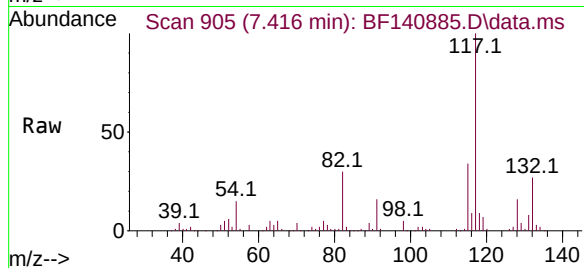
Tgt Ion: 82 Resp: 35254

Ion Ratio Lower Upper

82 100

128 54.6 34.4 51.6#

54 49.7 38.8 58.2



#31

Naphthalene

Concen: 95.766 ng

RT: 8.151 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF140885.D

Acq: 17 Dec 2024 15:12

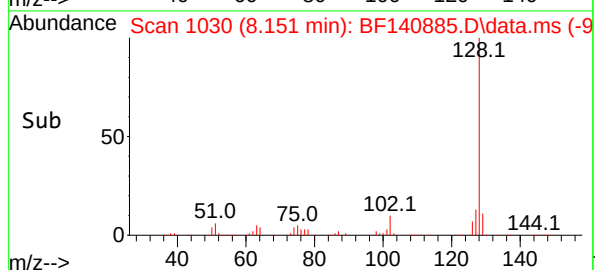
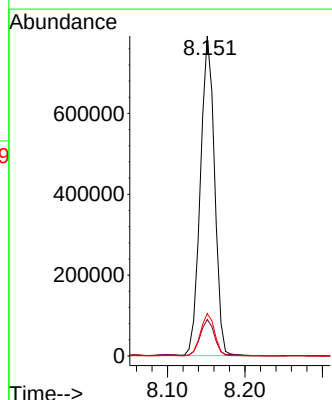
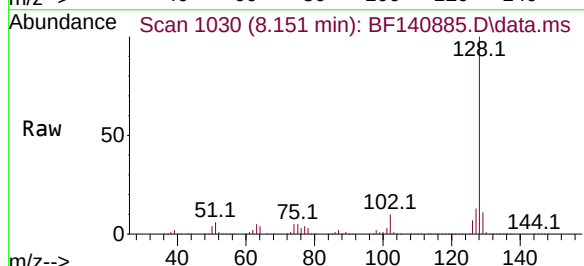
Tgt Ion:128 Resp: 1006135

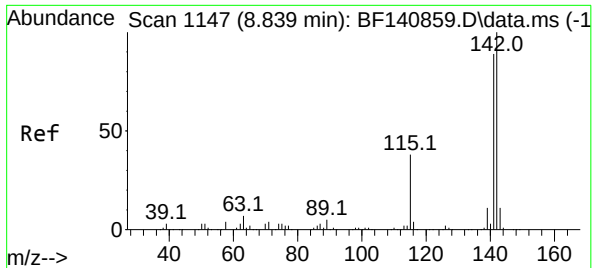
Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

127 13.3 10.6 16.0





#37

2-Methylnaphthalene

Concen: 15.685 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF140885.D

Acq: 17 Dec 2024 15:12

Instrument :

BNA_F

ClientSampleId :

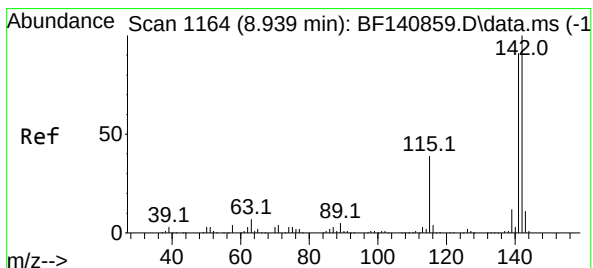
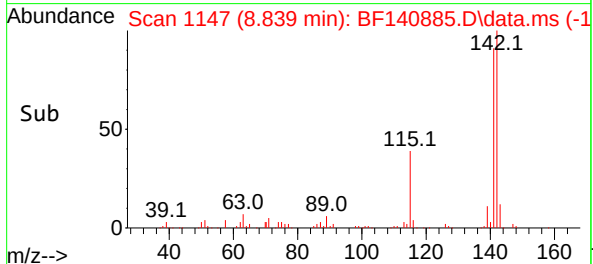
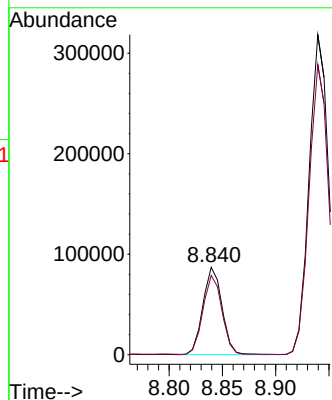
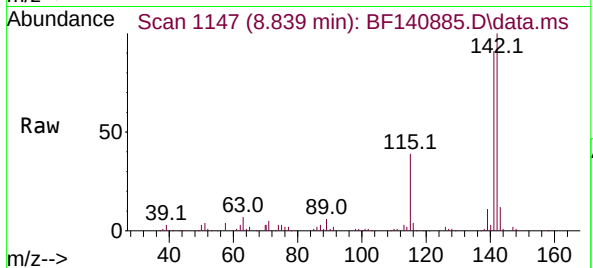
MW12-20241212DL

Tgt Ion:142 Resp: 109006

Ion Ratio Lower Upper

142 100

141 90.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 58.792 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF140885.D

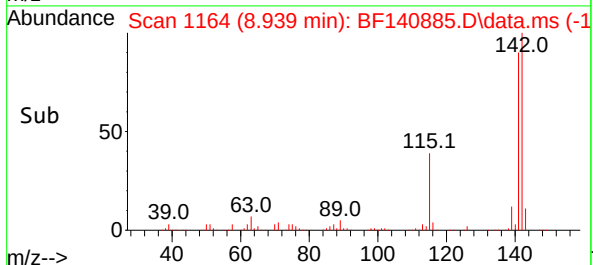
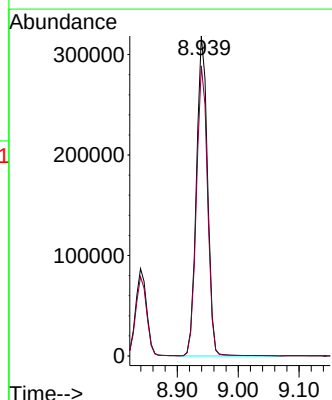
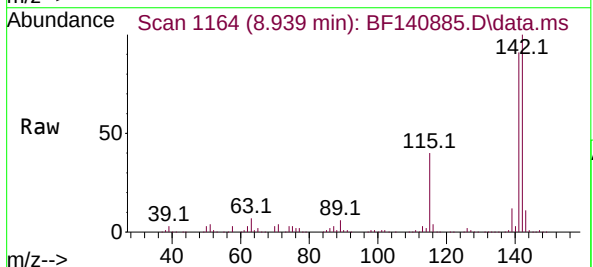
Acq: 17 Dec 2024 15:12

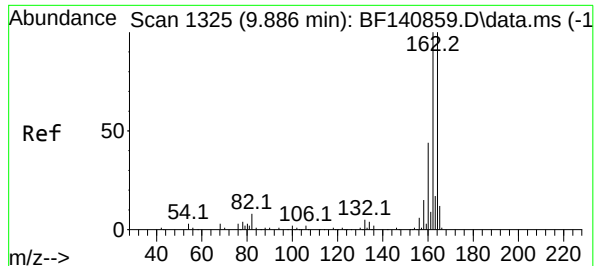
Tgt Ion:142 Resp: 404096

Ion Ratio Lower Upper

142 100

141 90.6 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: BF140885.D

Acq: 17 Dec 2024 15:12

Instrument :

BNA_F

ClientSampleId :

MW12-20241212DL

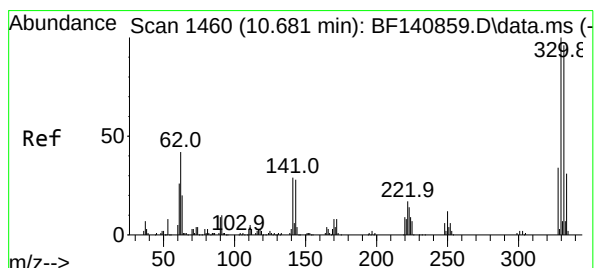
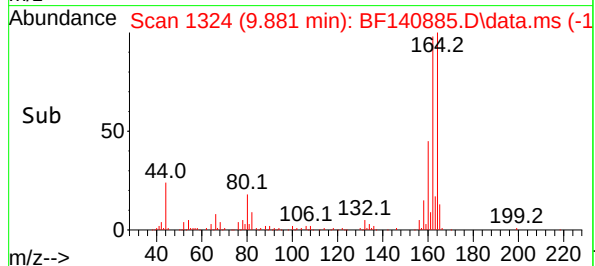
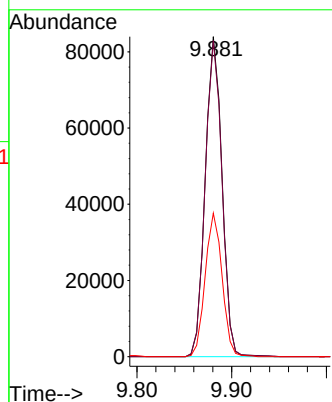
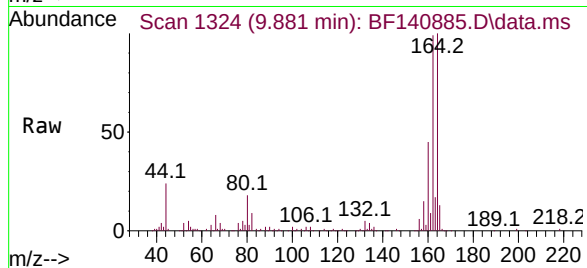
Tgt Ion:164 Resp: 103044

Ion Ratio Lower Upper

164 100

162 98.8 79.9 119.9

160 44.8 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 11.099 ng

RT: 10.681 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF140885.D

Acq: 17 Dec 2024 15:12

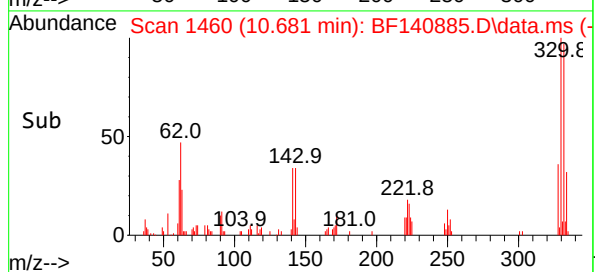
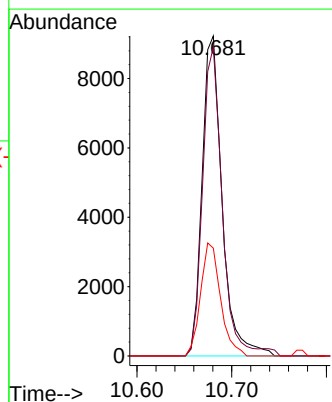
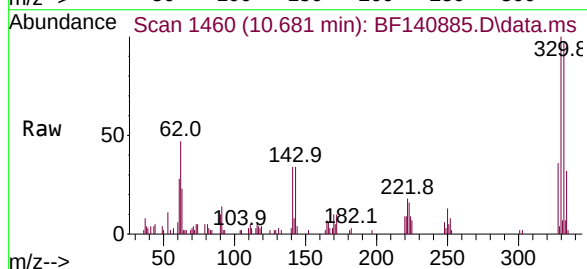
Tgt Ion:330 Resp: 13526

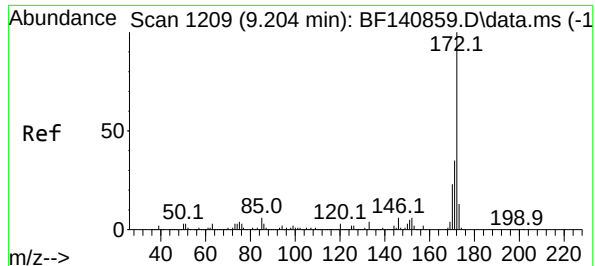
Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

141 35.3 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 10.307 ng

RT: 9.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140885.D

Acq: 17 Dec 2024 15:12

Instrument :

BNA_F

ClientSampleId :

MW12-20241212DL

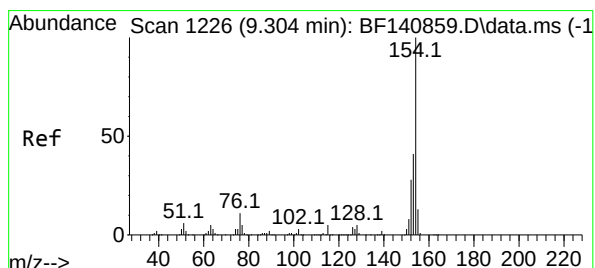
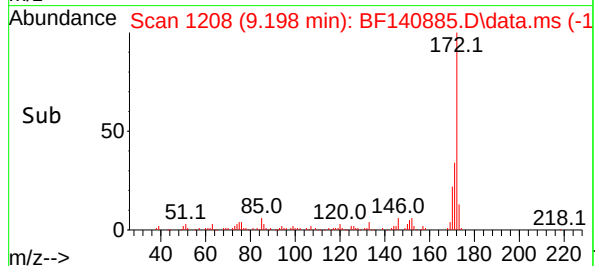
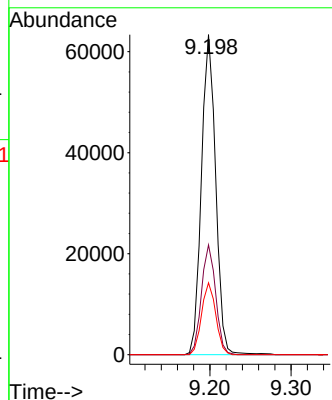
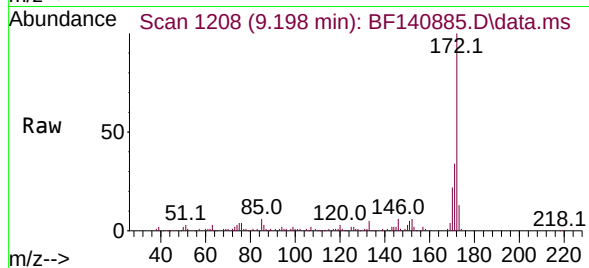
Tgt Ion:172 Resp: 77247

Ion Ratio Lower Upper

172 100

171 34.3 28.4 42.6

170 22.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 6.331 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF140885.D

Acq: 17 Dec 2024 15:12

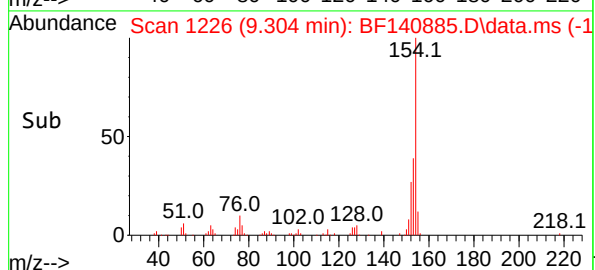
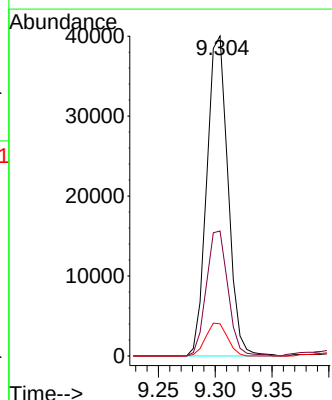
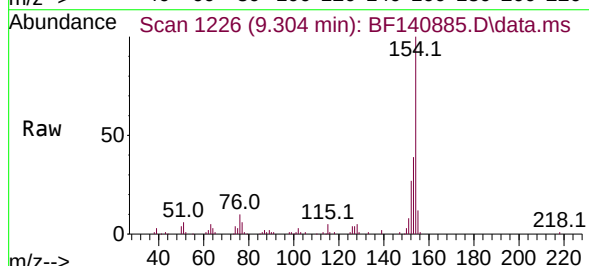
Tgt Ion:154 Resp: 51877

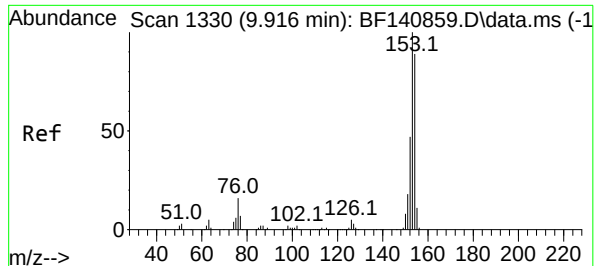
Ion Ratio Lower Upper

154 100

153 39.1 20.8 60.8

76 10.1 0.0 31.0





#52

Acenaphthene

Concen: 10.893 ng

RT: 9.916 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140885.D

Acq: 17 Dec 2024 15:12

Instrument :

BNA_F

ClientSampleId :

MW12-20241212DL

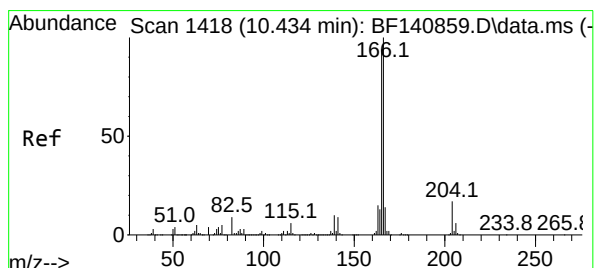
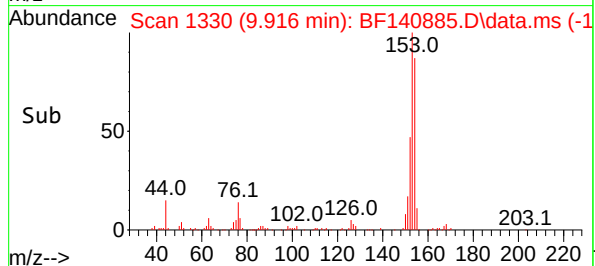
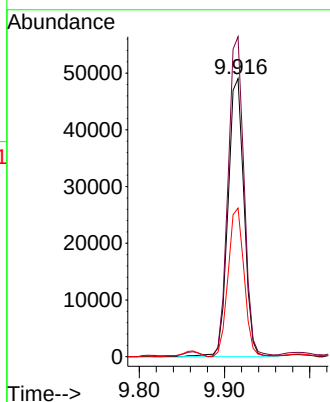
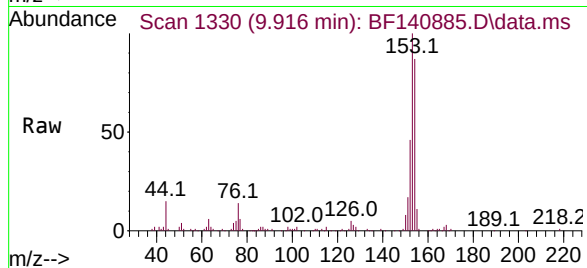
Tgt Ion:154 Resp: 64096

Ion Ratio Lower Upper

154 100

153 115.1 89.9 134.9

152 53.5 42.6 63.8



#58

Fluorene

Concen: 4.674 ng

RT: 10.434 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF140885.D

Acq: 17 Dec 2024 15:12

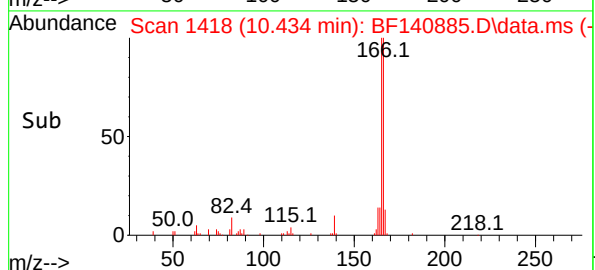
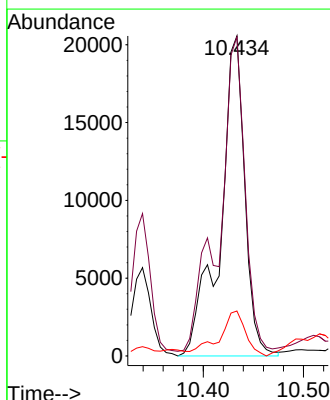
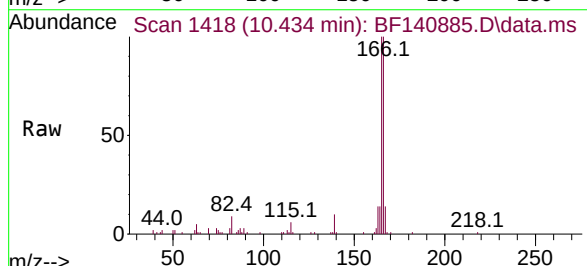
Tgt Ion:166 Resp: 35159

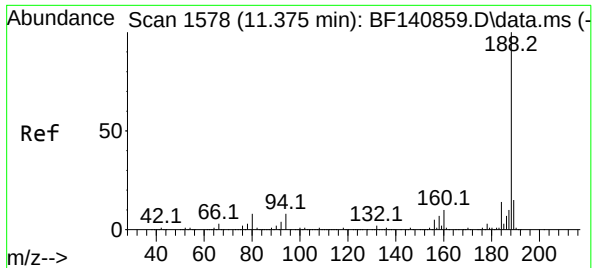
Ion Ratio Lower Upper

166 100

165 99.7 75.1 112.7

167 14.1 11.1 16.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140885.D

Acq: 17 Dec 2024 15:12

Instrument :

BNA_F

ClientSampleId :

MW12-20241212DL

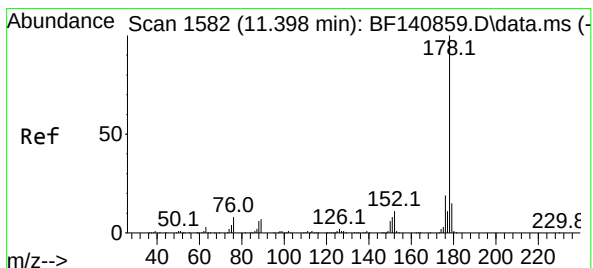
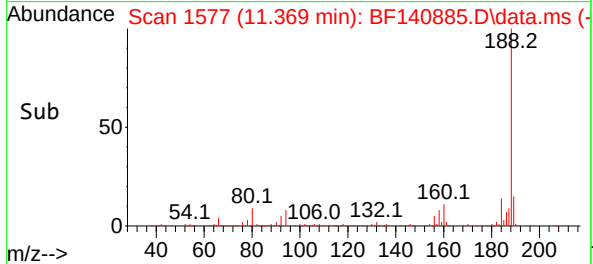
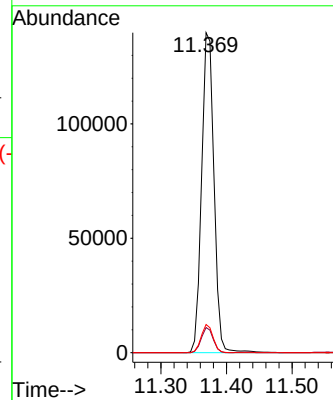
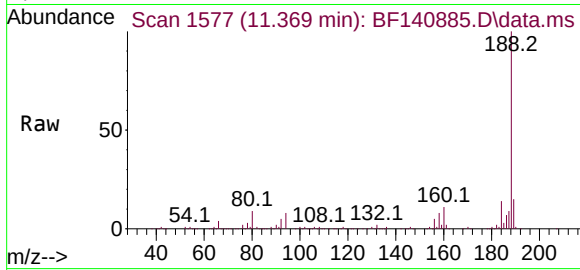
Tgt Ion:188 Resp: 183841

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.8 6.8 10.2



#71

Phenanthrene

Concen: 6.021 ng

RT: 11.398 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF140885.D

Acq: 17 Dec 2024 15:12

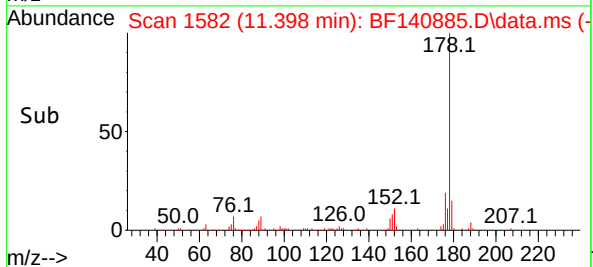
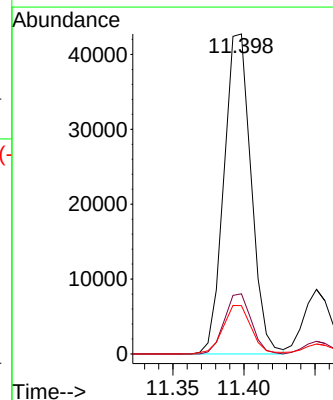
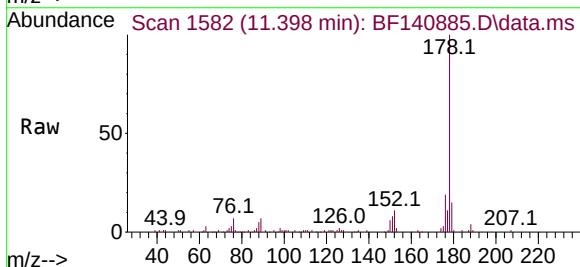
Tgt Ion:178 Resp: 56926

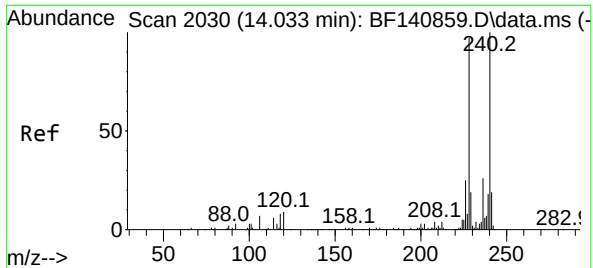
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.1 12.1 18.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF140885.D

Acq: 17 Dec 2024 15:12

Instrument :

BNA_F

ClientSampleId :

MW12-20241212DL

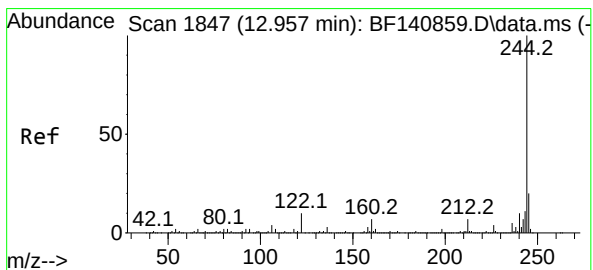
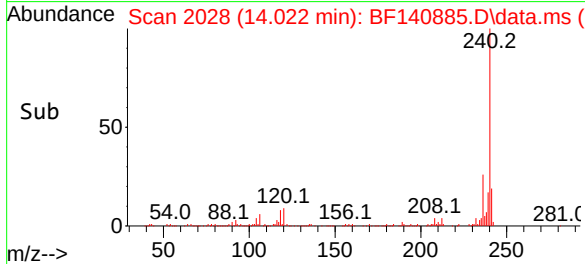
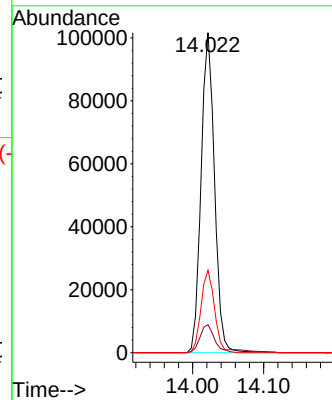
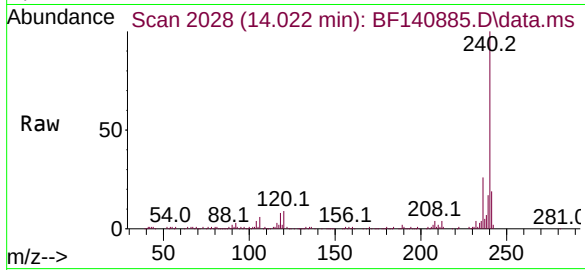
Tgt Ion:240 Resp: 133693

Ion Ratio Lower Upper

240 100

120 8.8 7.6 11.4

236 25.7 20.5 30.7



#79

Terphenyl-d14

Concen: 8.385 ng

RT: 12.951 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BF140885.D

Acq: 17 Dec 2024 15:12

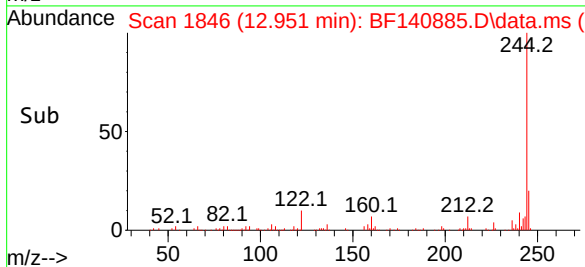
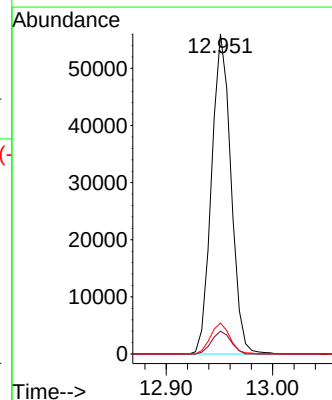
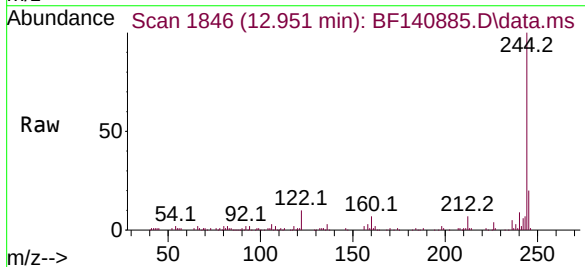
Tgt Ion:244 Resp: 71093

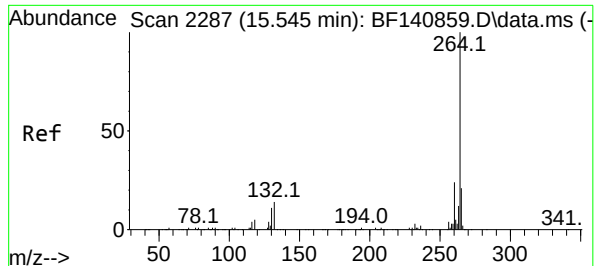
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.6 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140885.D

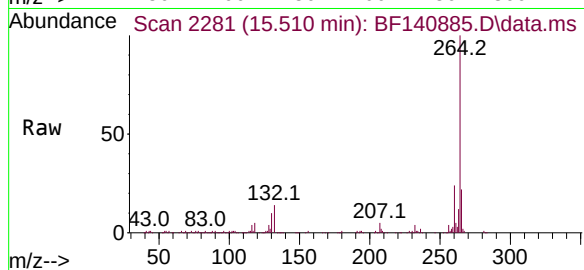
Acq: 17 Dec 2024 15:12

Instrument :

BNA_F

ClientSampleId :

MW12-20241212DL



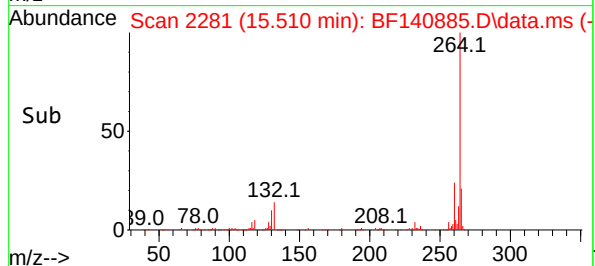
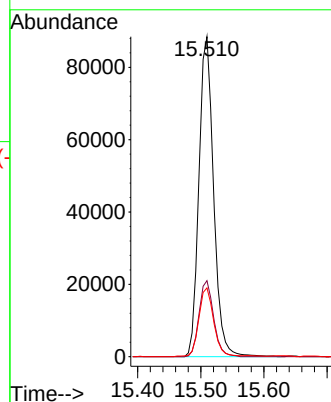
Tgt Ion:264 Resp: 142721

Ion	Ratio	Lower	Upper

264	100		

260	23.7	19.1	28.7

265	21.5	17.0	25.4



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW12-20241212DL2	SDG No.:	P5270
Lab Sample ID:	P5270-07DL2	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
BF140903.D	20	12/13/24 11:40	12/18/24 14:09	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	80.0	UD	80.0	200	ug/L
108-95-2	Phenol	18.6	UD	18.6	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	23.8	UDQ	23.8	100	ug/L
95-57-8	2-Chlorophenol	14.2	UD	14.2	100	ug/L
95-48-7	2-Methylphenol	22.6	UD	22.6	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27.0	UDQ	27.0	100	ug/L
98-86-2	Acetophenone	22.0	UDQ	22.0	100	ug/L
65794-96-9	3+4-Methylphenols	23.0	UD	23.0	200	ug/L
621-64-7	n-Nitroso-di-n-propylamine	29.6	UD	29.6	50.0	ug/L
67-72-1	Hexachloroethane	20.2	UD	20.2	100	ug/L
98-95-3	Nitrobenzene	25.4	UD	25.4	100	ug/L
78-59-1	Isophorone	22.8	UDQ	22.8	100	ug/L
88-75-5	2-Nitrophenol	39.2	UD	39.2	100	ug/L
105-67-9	2,4-Dimethylphenol	30.2	UD	30.2	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	UD	20.4	100	ug/L
120-83-2	2,4-Dichlorophenol	17.6	UD	17.6	100	ug/L
91-20-3	Naphthalene	1000	D	20.4	100	ug/L
106-47-8	4-Chloroaniline	26.0	UD	26.0	100	ug/L
87-68-3	Hexachlorobutadiene	25.4	UD	25.4	100	ug/L
105-60-2	Caprolactam	33.0	UD	33.0	200	ug/L
59-50-7	4-Chloro-3-methylphenol	16.8	UD	16.8	100	ug/L
91-57-6	2-Methylnaphthalene	180	D	22.6	100	ug/L
77-47-4	Hexachlorocyclopentadiene	100	UD	100	200	ug/L
88-06-2	2,4,6-Trichlorophenol	17.8	UD	17.8	100	ug/L
95-95-4	2,4,5-Trichlorophenol	20.2	UD	20.2	100	ug/L
92-52-4	1,1-Biphenyl	64.2	JDQ	18.2	100	ug/L
91-58-7	2-Chloronaphthalene	19.4	UD	19.4	100	ug/L
88-74-4	2-Nitroaniline	28.2	UD	28.2	100	ug/L
131-11-3	Dimethylphthalate	18.6	UDQ	18.6	100	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW12-20241212DL2	SDG No.:	P5270
Lab Sample ID:	P5270-07DL2	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
BF140903.D	20	12/13/24 11:40	12/18/24 14:09	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	20.8	UDQ	20.8	100	ug/L
606-20-2	2,6-Dinitrotoluene	24.8	UD	24.8	100	ug/L
99-09-2	3-Nitroaniline	27.4	UD	27.4	100	ug/L
83-32-9	Acenaphthene	110	D	16.2	100	ug/L
51-28-5	2,4-Dinitrophenol	130	UD	130	200	ug/L
100-02-7	4-Nitrophenol	40.0	UD	40.0	200	ug/L
132-64-9	Dibenzofuran	18.6	UD	18.6	100	ug/L
121-14-2	2,4-Dinitrotoluene	30.4	UD	30.4	100	ug/L
84-66-2	Diethylphthalate	20.8	UD	20.8	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	19.6	UD	19.6	100	ug/L
86-73-7	Fluorene	49.8	JD	19.2	100	ug/L
100-01-6	4-Nitroaniline	40.8	UD	40.8	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	61.4	UD	61.4	200	ug/L
86-30-6	n-Nitrosodiphenylamine	17.8	UDQ	17.8	100	ug/L
101-55-3	4-Bromophenyl-phenylether	19.0	UDQ	19.0	100	ug/L
118-74-1	Hexachlorobenzene	22.8	UD	22.8	100	ug/L
1912-24-9	Atrazine	25.2	UDQ	25.2	100	ug/L
87-86-5	Pentachlorophenol	37.0	UD	37.0	200	ug/L
85-01-8	Phenanthrene	65.1	JD	17.8	100	ug/L
120-12-7	Anthracene	21.4	UDQ	21.4	100	ug/L
86-74-8	Carbazole	23.0	UD	23.0	100	ug/L
84-74-2	Di-n-butylphthalate	29.4	UDQ	29.4	100	ug/L
206-44-0	Fluoranthene	25.8	UD	25.8	100	ug/L
129-00-0	Pyrene	21.2	UDQ	21.2	100	ug/L
85-68-7	Butylbenzylphthalate	42.0	UDQ	42.0	100	ug/L
91-94-1	3,3-Dichlorobenzidine	25.6	UD	25.6	200	ug/L
56-55-3	Benzo(a)anthracene	18.8	UDQ	18.8	100	ug/L
218-01-9	Chrysene	17.2	UD	17.2	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	37.8	UDQ	37.8	100	ug/L
117-84-0	Di-n-octyl phthalate	50.0	UD	50.0	200	ug/L
205-99-2	Benzo(b)fluoranthene	22.8	UD	22.8	100	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW12-20241212DL2	SDG No.:	P5270
Lab Sample ID:	P5270-07DL2	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
BF140903.D	20	12/13/24 11:40	12/18/24 14:09	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	23.8	UD	23.8	100	ug/L
50-32-8	Benzo(a)pyrene	33.4	UD	33.4	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.4	UDQ	20.4	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	23.0	UDQ	23.0	100	ug/L
191-24-2	Benzo(g,h,i)perylene	23.6	UD	23.6	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	21.8	UDQ	21.8	100	ug/L
123-91-1	1,4-Dioxane	25.0	UD	25.0	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15.8	UD	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	56.6		10 - 139	38%	SPK: 150
13127-88-3	Phenol-d6	38.3		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.3		49 - 133	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	105		52 - 132	105%	SPK: 100
118-79-6	2,4,6-Tribromophenol	114		44 - 137	76%	SPK: 150
1718-51-0	Terphenyl-d14	112		48 - 125	112%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	61200	6.845			
1146-65-2	Naphthalene-d8	250000	8.128			
15067-26-2	Acenaphthene-d10	152000	9.88			
1517-22-2	Phenanthrene-d10	302000	11.374			
1719-03-5	Chrysene-d12	165000	14.033			
1520-96-3	Perylene-d12	181000	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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140903.D
 Acq On : 18 Dec 2024 14:09
 Operator : RC/JU
 Sample : P5270-07DL2 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW12-20241212DL2

Quant Time: Dec 18 14:38:34 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)

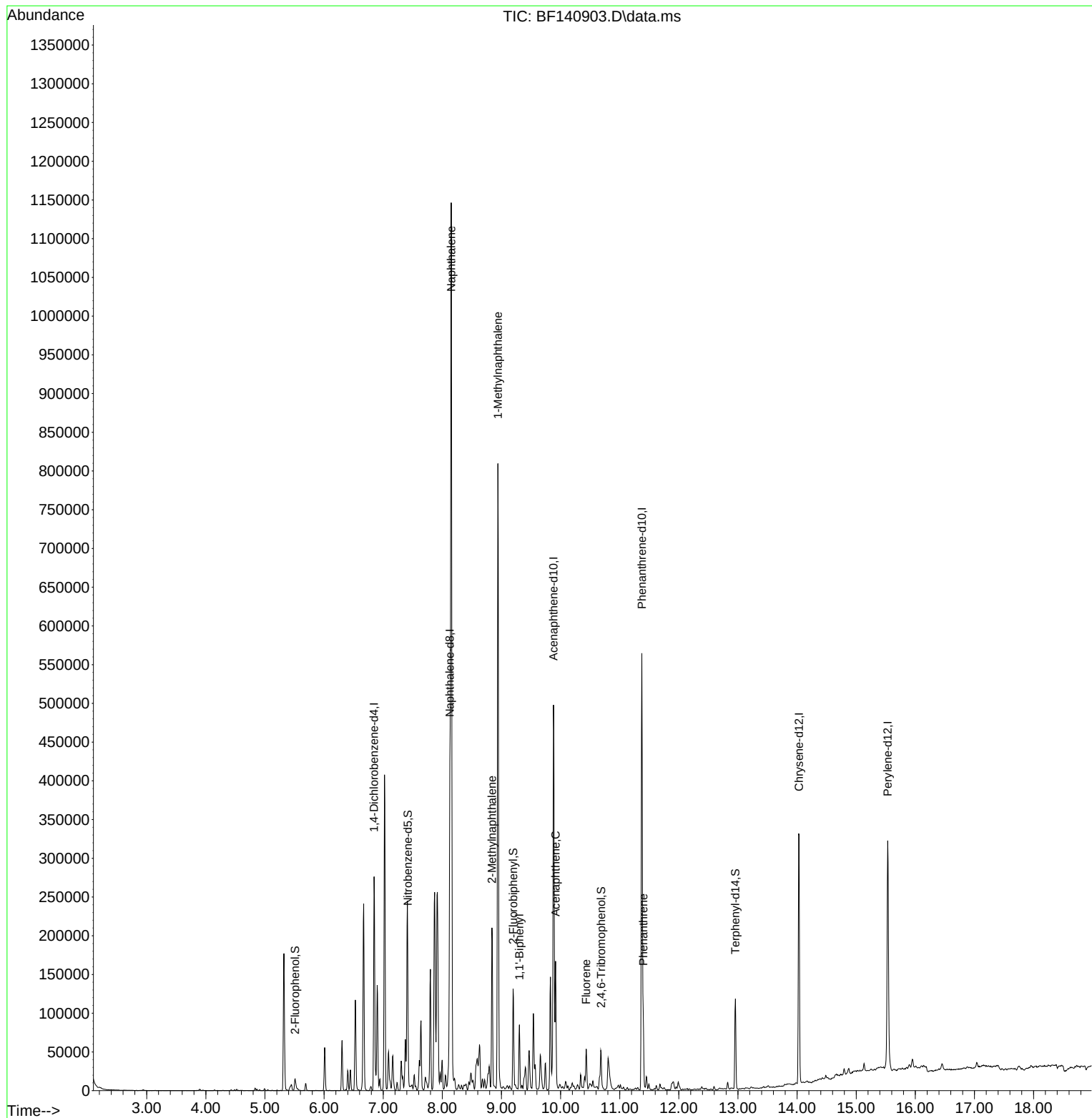
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	61168	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	250458	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	151708	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	301660	20.000	ng	0.00
76) Chrysene-d12	14.033	240	164695	20.000	ng	0.00
86) Perylene-d12	15.533	264	181077	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	10519	2.831	ng	0.02
7) Phenol-d6	6.528	99	9418	1.914	ng	0.03
23) Nitrobenzene-d5	7.416	82	22844	4.563	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	10257	5.717	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	57863	5.244	ng	0.00
79) Terphenyl-d14	12.957	244	58661	5.616	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.151	128	701165	50.964	ng	100
37) 2-Methylnaphthalene	8.839	142	82011	9.011	ng	99
38) 1-Methylnaphthalene	8.939	142	301927	33.545	ng	100
46) 1,1'-Biphenyl	9.304	154	38702	3.208	ng	98
52) Acenaphthene	9.916	154	48726	5.624	ng	99
58) Fluorene	10.433	166	27581m	2.490	ng	
71) Phenanthrene	11.398	178	50501	3.255	ng	99

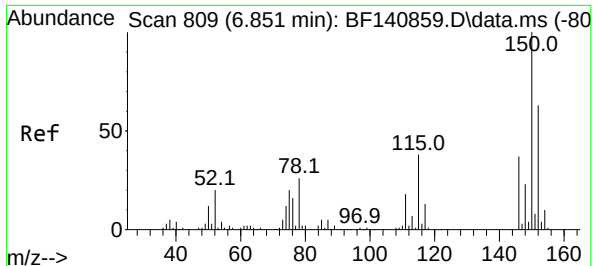
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140903.D
Acq On : 18 Dec 2024 14:09
Operator : RC/JU
Sample : P5270-07DL2 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW12-20241212DL2

Quant Time: Dec 18 14:38:34 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

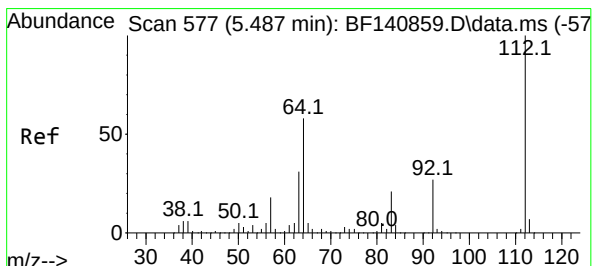
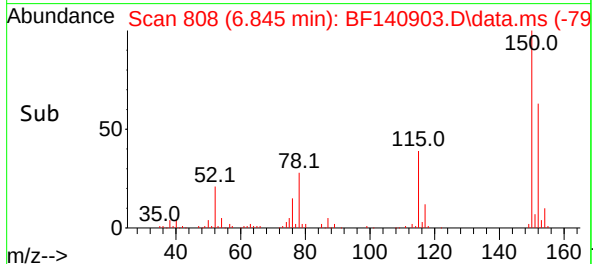
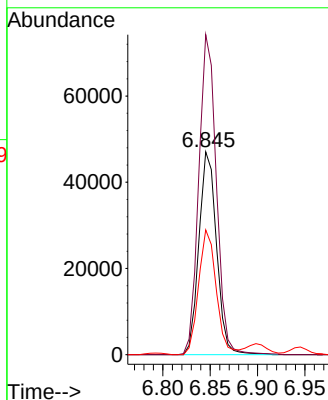
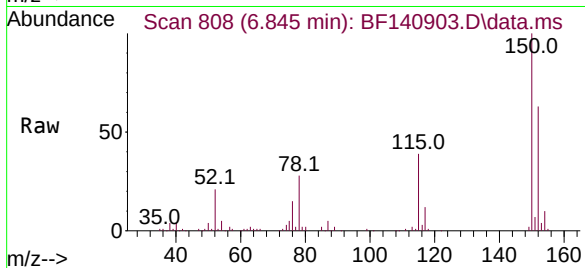




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140903.D
Acq: 18 Dec 2024 14:09

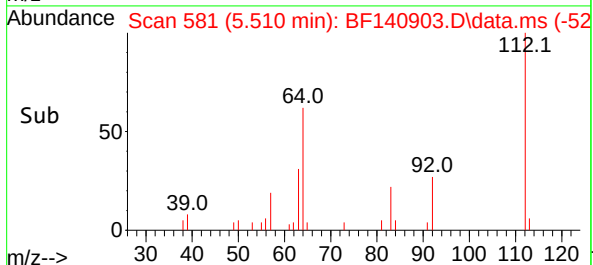
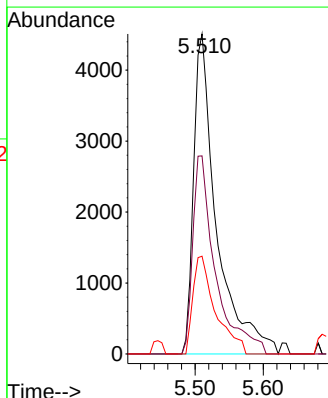
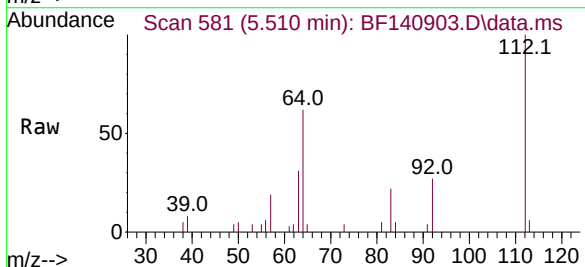
Instrument :
BNA_F
ClientSampleId :
MW12-20241212DL2

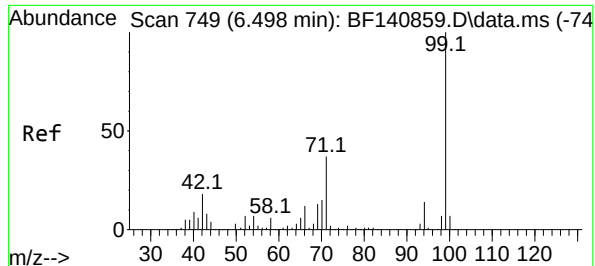
Tgt Ion:152 Resp: 61168
Ion Ratio Lower Upper
152 100
150 157.7 127.9 191.9
115 61.5 48.0 72.0



#5
2-Fluorophenol
Concen: 2.831 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.023 min
Lab File: BF140903.D
Acq: 18 Dec 2024 14:09

Tgt Ion:112 Resp: 10519
Ion Ratio Lower Upper
112 100
64 61.9 46.1 69.1
63 30.6 24.9 37.3

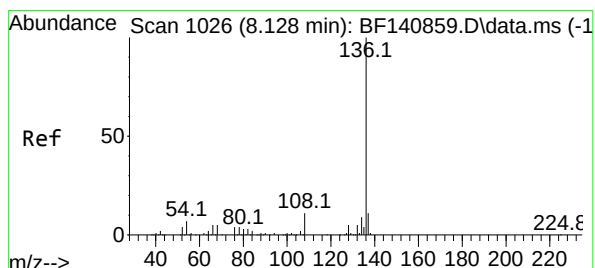
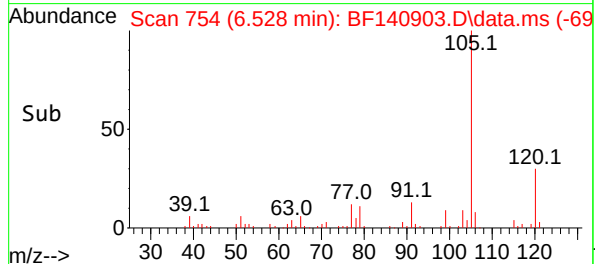
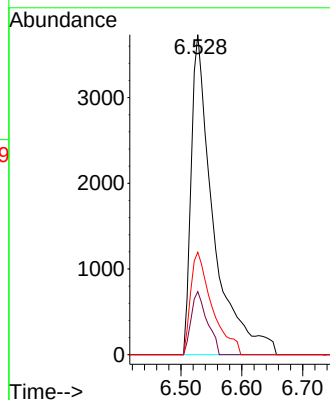
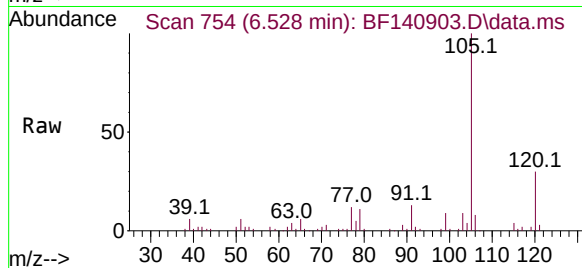




#7
Phenol-d6
Concen: 1.914 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.029 min
Lab File: BF140903.D
Acq: 18 Dec 2024 14:09

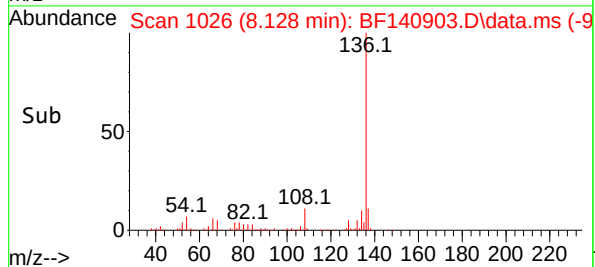
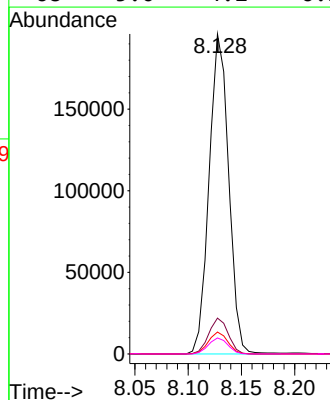
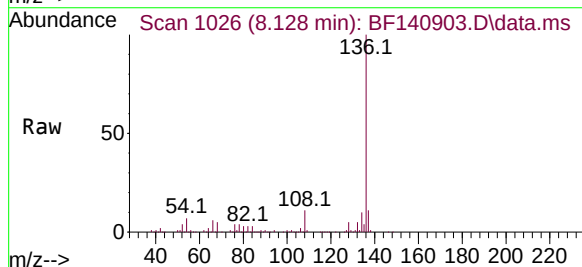
Instrument :
BNA_F
ClientSampleId :
MW12-20241212DL2

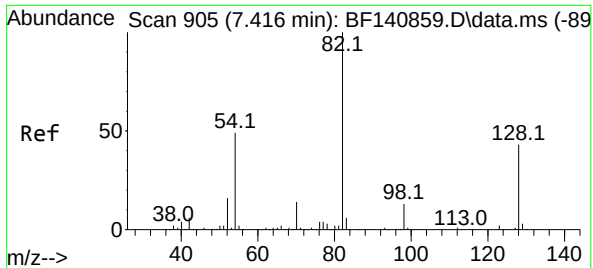
Tgt Ion:	99	Resp:	9418
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.3	21.5
71	32.0	29.9	44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140903.D
Acq: 18 Dec 2024 14:09

Tgt Ion:	136	Resp:	250458
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.8	5.6	8.4
68	5.0	4.2	6.2





#23

Nitrobenzene-d5

Concen: 4.563 ng

RT: 7.416 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140903.D

Acq: 18 Dec 2024 14:09

Instrument :

BNA_F

ClientSampleId :

MW12-20241212DL2

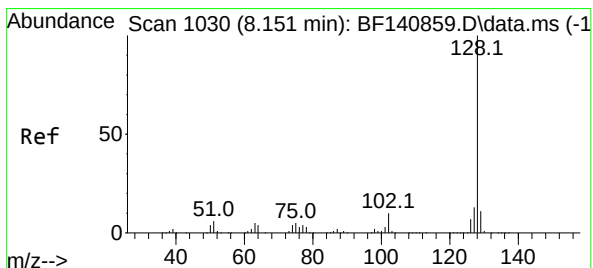
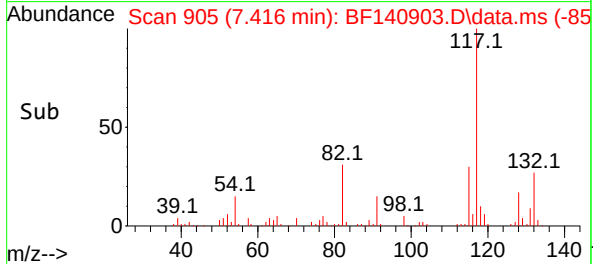
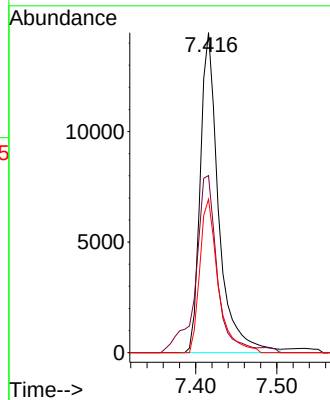
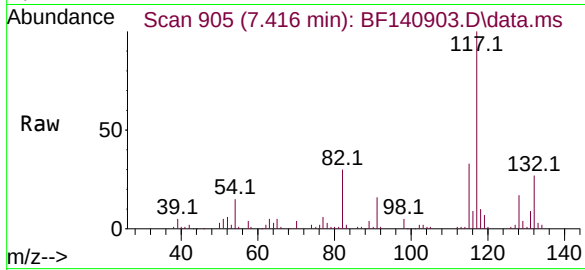
Tgt Ion: 82 Resp: 22844

Ion Ratio Lower Upper

82 100

128 55.4 34.4 51.6#

54 47.9 38.8 58.2



#31

Naphthalene

Concen: 50.964 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF140903.D

Acq: 18 Dec 2024 14:09

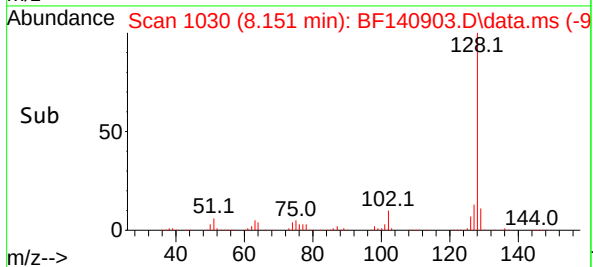
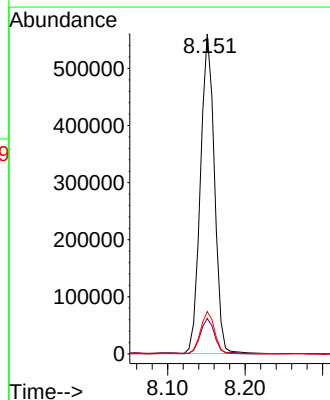
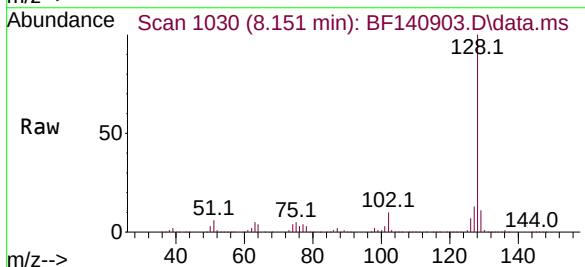
Tgt Ion:128 Resp: 701165

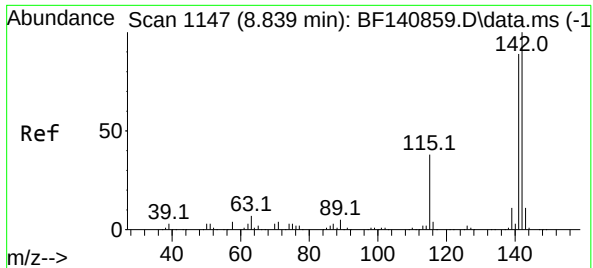
Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.3 10.6 16.0

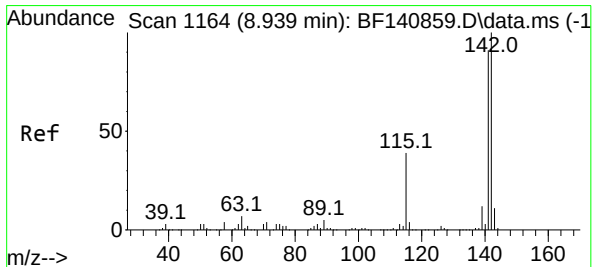
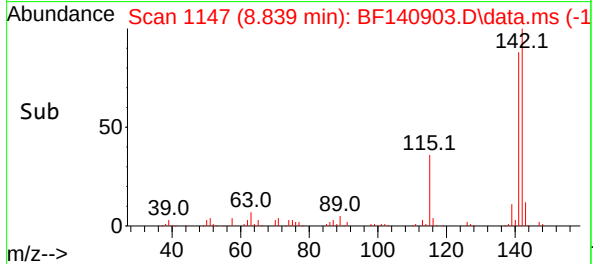
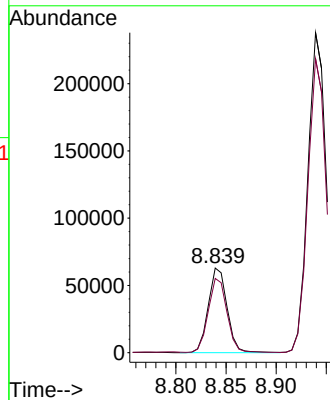
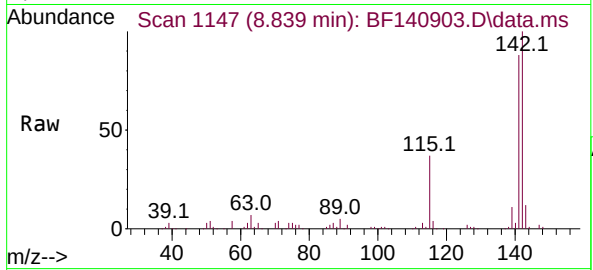




#37
2-Methylnaphthalene
Concen: 9.011 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140903.D
Acq: 18 Dec 2024 14:09

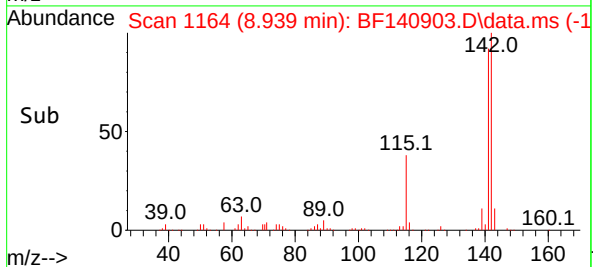
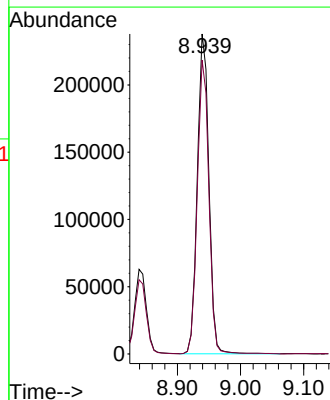
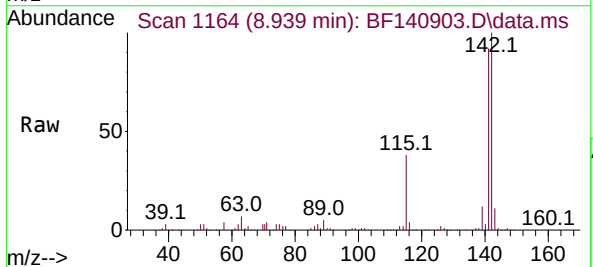
Instrument :
BNA_F
ClientSampleId :
MW12-20241212DL2

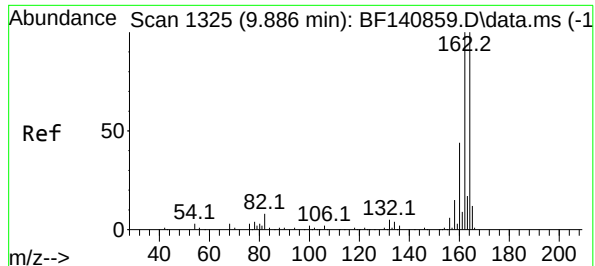
Tgt Ion:142 Resp: 82011
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.6



#38
1-Methylnaphthalene
Concen: 33.545 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140903.D
Acq: 18 Dec 2024 14:09

Tgt Ion:142 Resp: 301927
Ion Ratio Lower Upper
142 100
141 91.9 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: BF140903.D

Acq: 18 Dec 2024 14:09

Instrument :

BNA_F

ClientSampleId :

MW12-20241212DL2

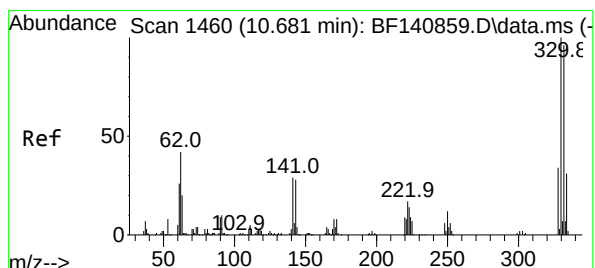
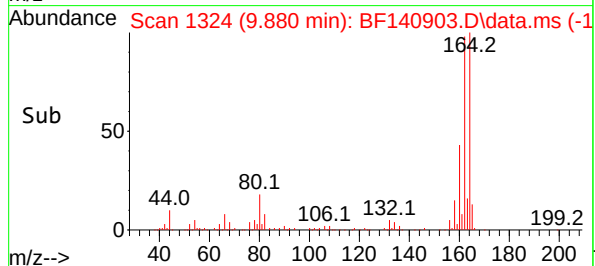
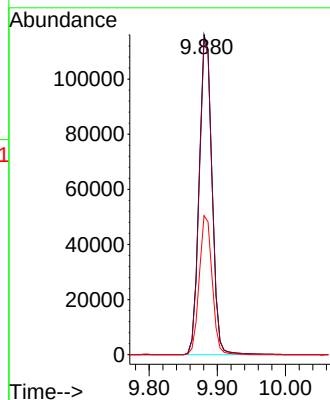
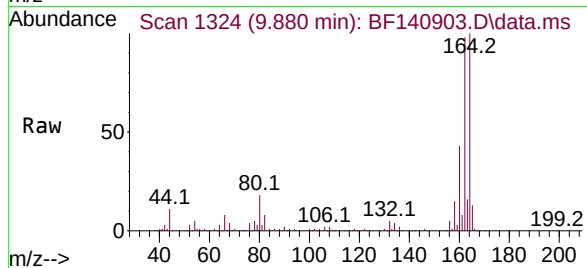
Tgt Ion:164 Resp: 151708

Ion Ratio Lower Upper

164 100

162 98.2 79.9 119.9

160 43.4 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 5.717 ng

RT: 10.686 min Scan# 1461

Delta R.T. 0.006 min

Lab File: BF140903.D

Acq: 18 Dec 2024 14:09

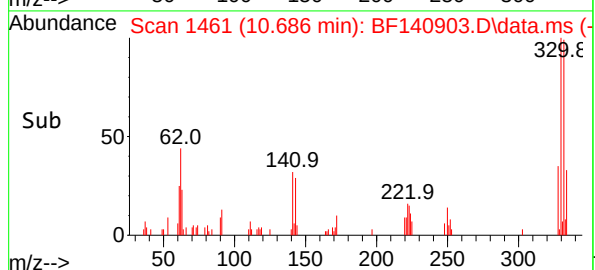
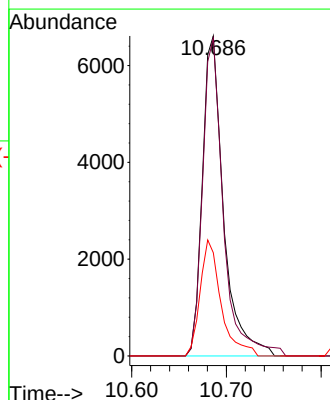
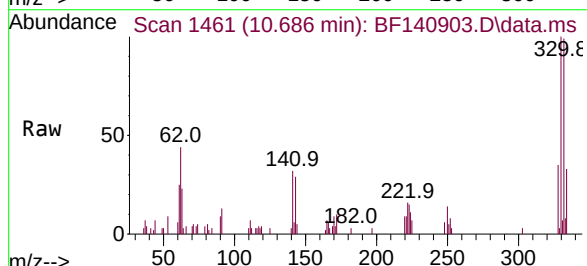
Tgt Ion:330 Resp: 10257

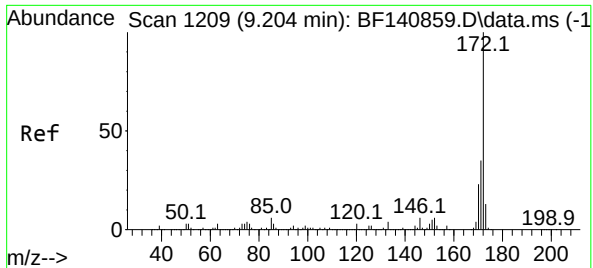
Ion Ratio Lower Upper

330 100

332 97.5 76.2 114.4

141 36.0 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 5.244 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140903.D

Acq: 18 Dec 2024 14:09

Instrument :

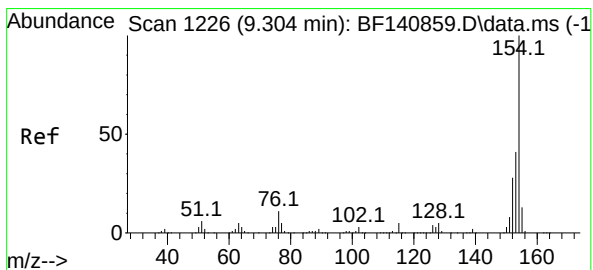
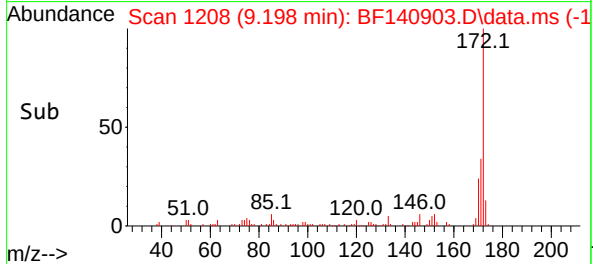
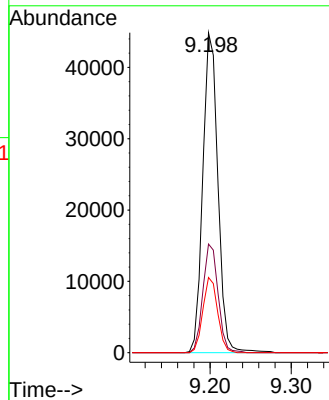
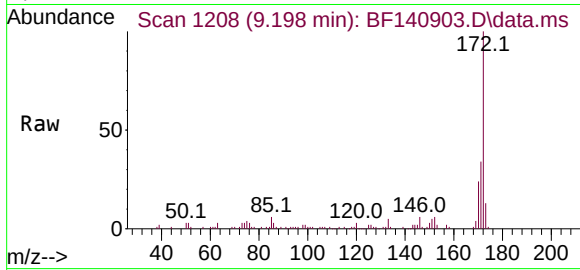
BNA_F

ClientSampleId :

MW12-20241212DL2

Tgt Ion:172 Resp: 57863

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.4	42.6
170	23.5	18.6	28.0



#46

1,1'-Biphenyl

Concen: 3.208 ng

RT: 9.304 min Scan# 1226

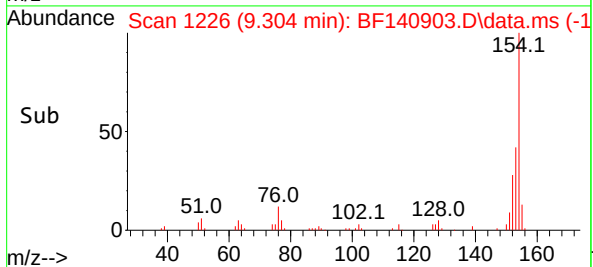
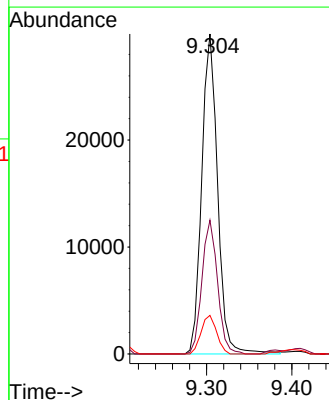
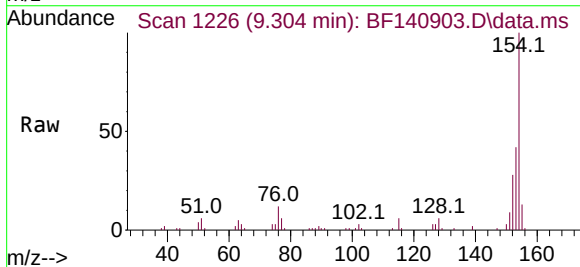
Delta R.T. -0.000 min

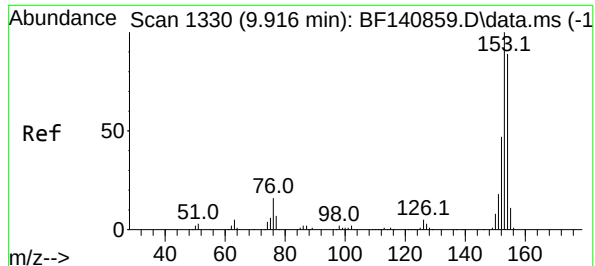
Lab File: BF140903.D

Acq: 18 Dec 2024 14:09

Tgt Ion:154 Resp: 38702

Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.8	60.8
76	12.1	0.0	31.0





#52

Acenaphthene

Concen: 5.624 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140903.D

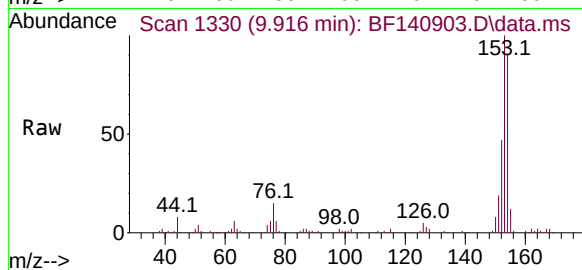
Acq: 18 Dec 2024 14:09

Instrument :

BNA_F

ClientSampleId :

MW12-20241212DL2



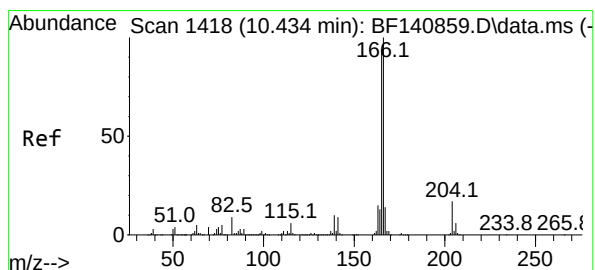
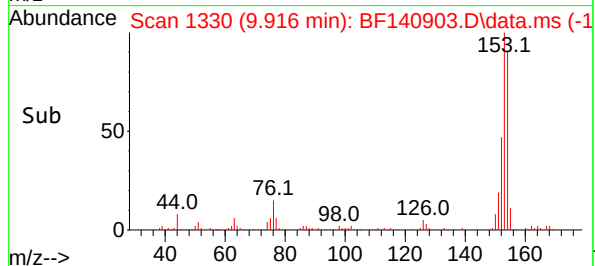
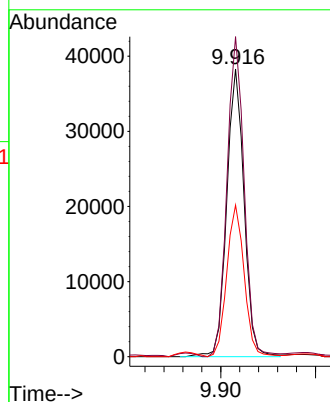
Tgt Ion:154 Resp: 48726

Ion Ratio Lower Upper

154 100

153 111.2 89.9 134.9

152 52.7 42.6 63.8



#58

Fluorene

Concen: 2.490 ng m

RT: 10.433 min Scan# 1418

Delta R.T. -0.000 min

Lab File: BF140903.D

Acq: 18 Dec 2024 14:09

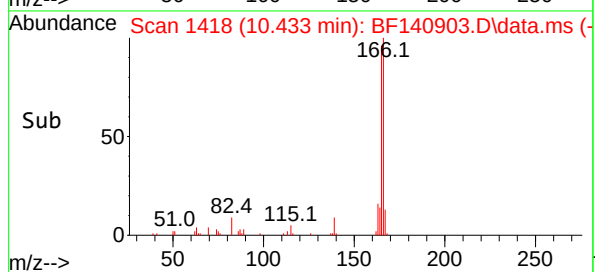
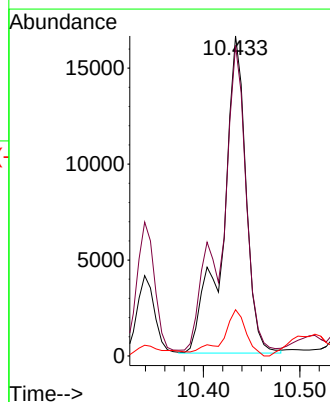
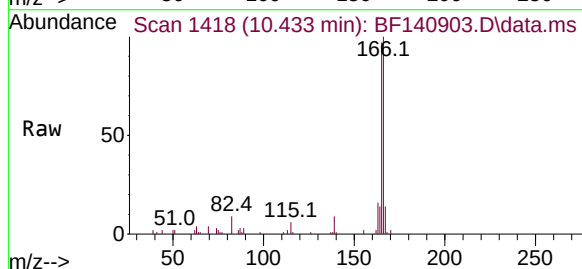
Tgt Ion:166 Resp: 27581

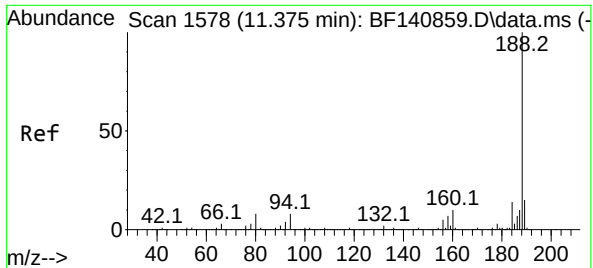
Ion Ratio Lower Upper

166 100

165 97.0 75.1 112.7

167 14.4 11.1 16.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140903.D

Acq: 18 Dec 2024 14:09

Instrument :

BNA_F

ClientSampleId :

MW12-20241212DL2

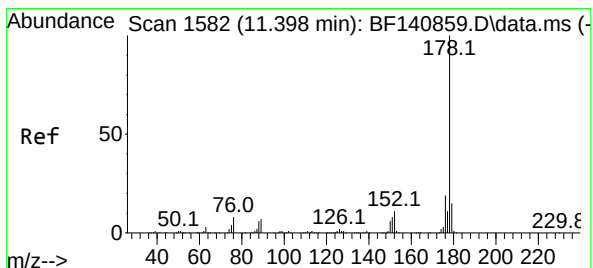
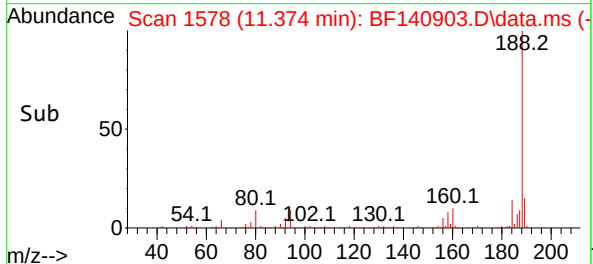
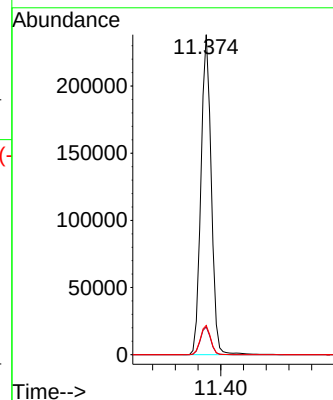
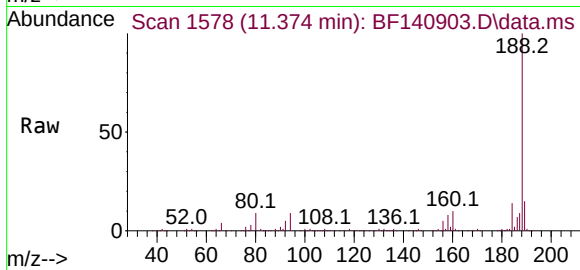
Tgt Ion:188 Resp: 301660

Ion Ratio Lower Upper

188 100

94 8.7 6.4 9.6

80 9.2 6.8 10.2



#71

Phenanthrene

Concen: 3.255 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF140903.D

Acq: 18 Dec 2024 14:09

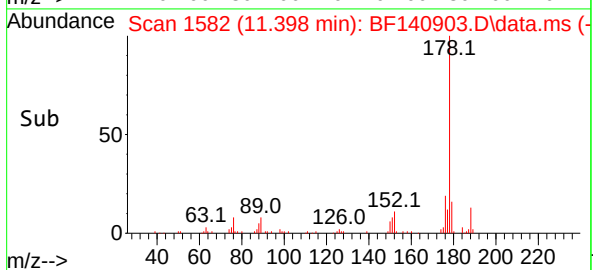
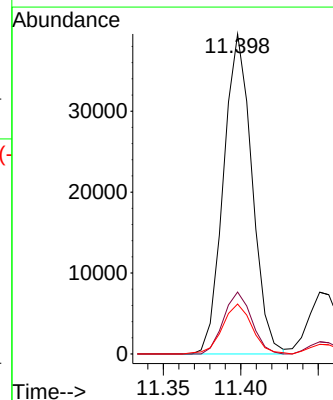
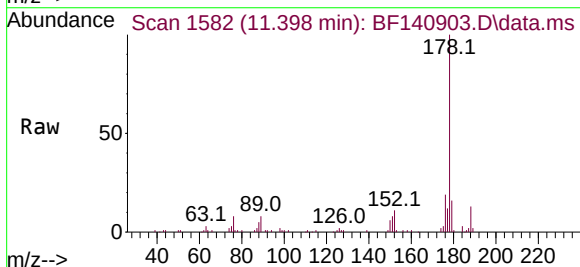
Tgt Ion:178 Resp: 50501

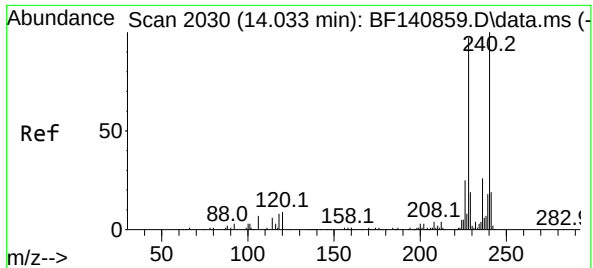
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.6 12.1 18.1

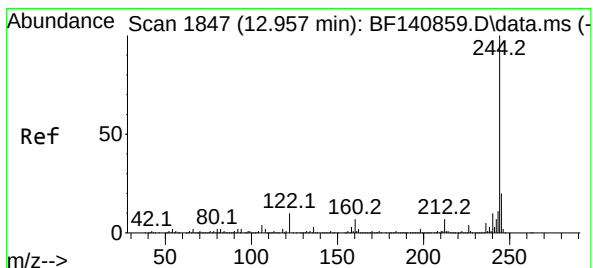
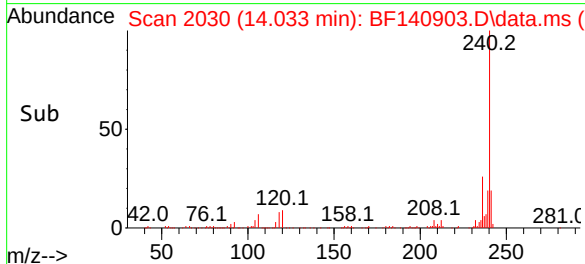
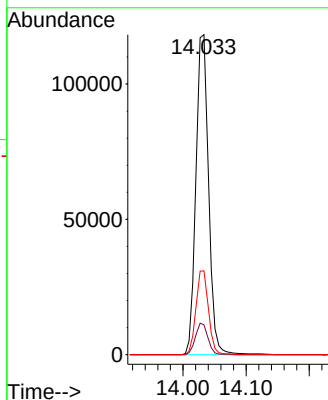
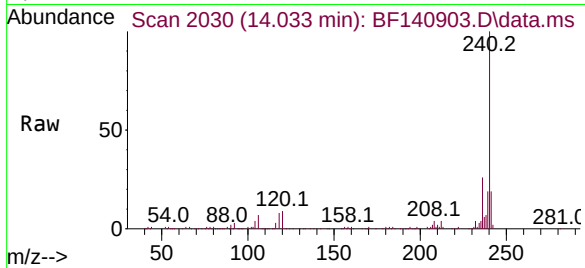




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140903.D
Acq: 18 Dec 2024 14:09

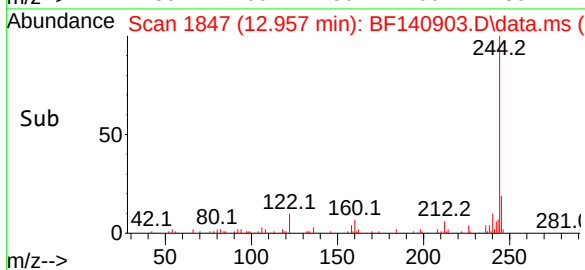
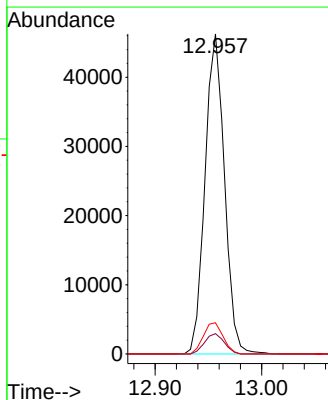
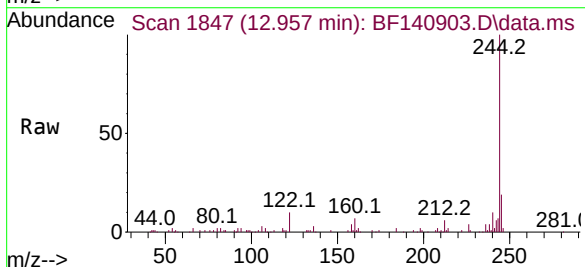
Instrument :
BNA_F
ClientSampleId :
MW12-20241212DL2

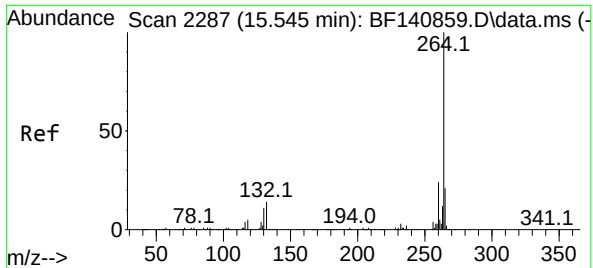
Tgt Ion:240 Resp: 164695
Ion Ratio Lower Upper
240 100
120 9.3 7.6 11.4
236 26.2 20.5 30.7



#79
Terphenyl-d14
Concen: 5.616 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140903.D
Acq: 18 Dec 2024 14:09

Tgt Ion:244 Resp: 58661
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 9.8 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140903.D

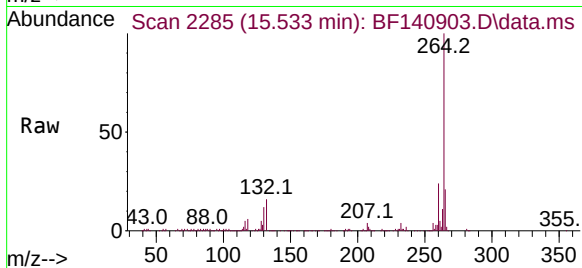
Acq: 18 Dec 2024 14:09

Instrument :

BNA_F

ClientSampleId :

MW12-20241212DL2



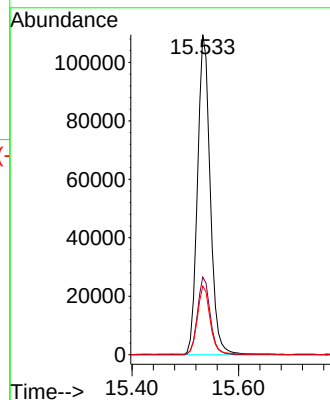
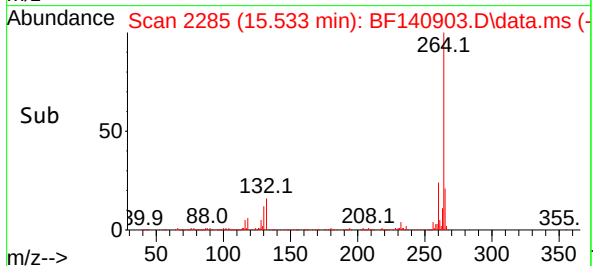
Tgt Ion:264 Resp: 181077

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 21.5 17.0 25.4



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW14-20241212	SDG No.:	P5270
Lab Sample ID:	P5270-08	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
BF140883.D	1	12/13/24 11:40	12/17/24 14:19	PB165623

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	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	U	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	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	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	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	1300	E	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	380	E	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	19.9	Q	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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW14-20241212	SDG No.:	P5270
Lab Sample ID:	P5270-08	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
BF140883.D	1	12/13/24 11:40	12/17/24 14:19	PB165623

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	90.3	E	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	37.4		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	47.9		0.89	5.00	ug/L
120-12-7	Anthracene	9.60	Q	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	2.40	J	1.30	5.00	ug/L
129-00-0	Pyrene	3.90	JQ	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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW14-20241212	SDG No.:	P5270
Lab Sample ID:	P5270-08	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
BF140883.D	1	12/13/24 11:40	12/17/24 14:19	PB165623

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	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	UQ	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	61.7		10 - 139	41%	SPK: 150
13127-88-3	Phenol-d6	35.1		10 - 134	23%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.2		49 - 133	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.8		52 - 132	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		44 - 137	85%	SPK: 150
1718-51-0	Terphenyl-d14	73.8		48 - 125	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	58100	6.851			
1146-65-2	Naphthalene-d8	186000	8.151			
15067-26-2	Acenaphthene-d10	115000	9.88			
1517-22-2	Phenanthrene-d10	200000	11.374			
1719-03-5	Chrysene-d12	164000	14.021			
1520-96-3	Perylene-d12	179000	15.521			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	310	JB		2.14	ug/L
000103-65-1	Benzene, propyl-	45.1	J		6.31	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	40.3	J		6.40	ug/L
000108-67-8	Mesitylene	17.7	J		6.45	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	400	J		6.68	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	160	J		6.91	ug/L
000496-11-7	Indane	260	J		7.03	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW14-20241212	SDG No.:	P5270
Lab Sample ID:	P5270-08	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
BF140883.D	1	12/13/24 11:40	12/17/24 14:19	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000141-93-5	Benzene, 1,3-diethyl-	57.3	J		7.09	ug/L
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	71.5	J		7.16	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	42.3	J		7.31	ug/L
000527-84-4	o-Cymene	18.9	J		7.33	ug/L
90-12-0	1-Methylnaphthalene	400	J		8.96	ug/L
000939-27-5	Naphthalene, 2-ethyl-	35.6	J		9.40	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	26.7	J		9.47	ug/L
000581-42-0	Naphthalene, 2,6-dimethyl-	43.3	J		9.54	ug/L
000101-81-5	Diphenylmethane	16.2	J		9.57	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	26.4	J		9.66	ug/L
000573-98-8	Naphthalene, 1,2-dimethyl-	13.7	J		9.74	ug/L
000203-80-5	1H-Phenylene	9.50	J		10.3	ug/L
	unknown10.539	8.50	J		10.5	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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140883.D
 Acq On : 17 Dec 2024 14:19
 Operator : RC/JU
 Sample : P5270-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW14-20241212

Quant Time: Dec 17 14:49:43 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)

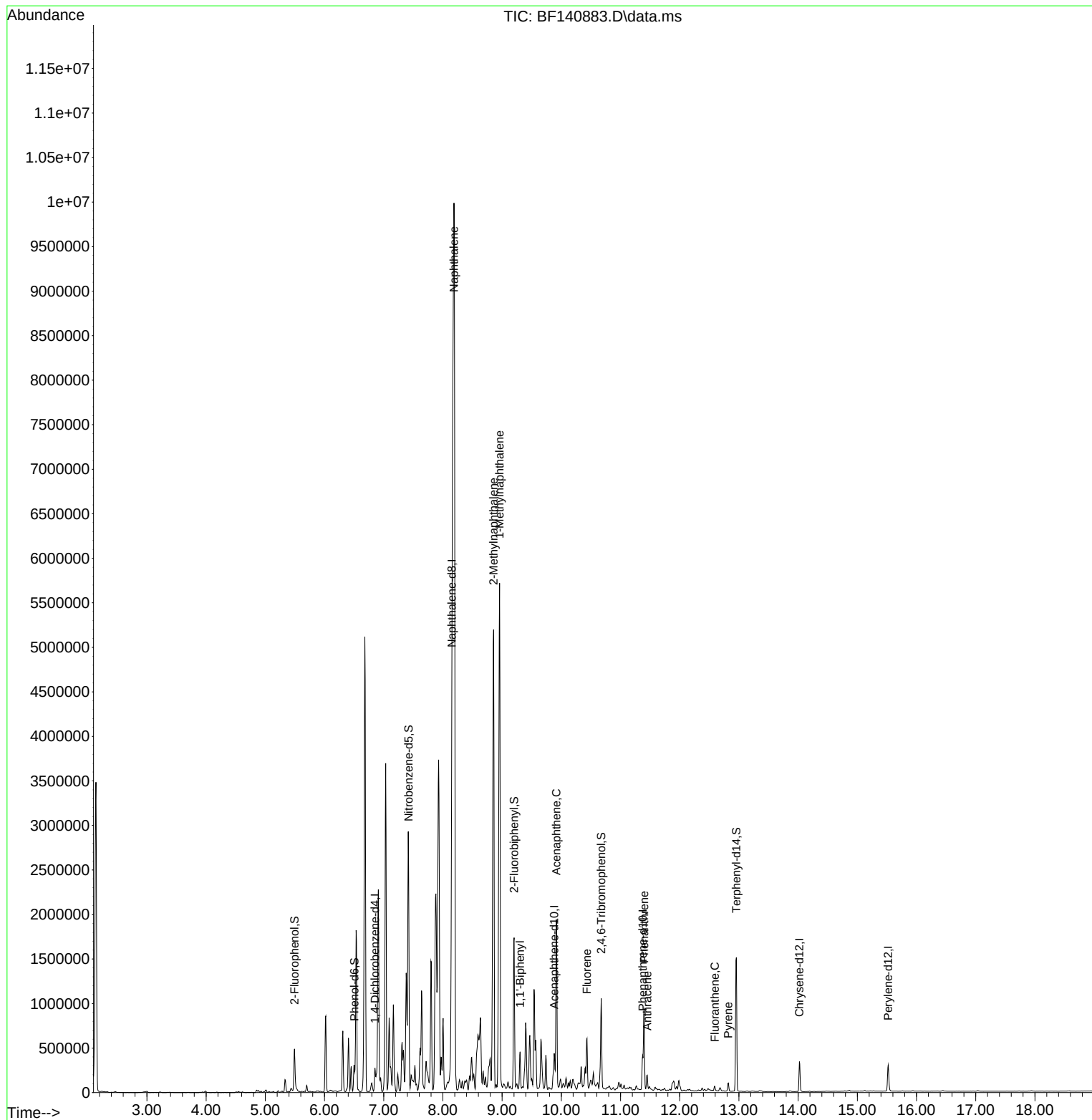
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	58118	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	185891	20.000	ng	0.02
39) Acenaphthene-d10	9.880	164	115251	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	199692	20.000	ng	0.00
76) Chrysene-d12	14.021	240	163585	20.000	ng	-0.01
86) Perylene-d12	15.521	264	178974	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	217928	61.728	ng	0.00
7) Phenol-d6	6.504	99	164232	35.121	ng	0.00
23) Nitrobenzene-d5	7.422	82	368430	99.160	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	174654	128.131	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	744804	88.849	ng	0.00
79) Terphenyl-d14	12.957	244	765733	73.812	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.186	128	12822899	1255.770	ng	95
37) 2-Methylnaphthalene	8.857	142	2544596	376.715	ng	100
38) 1-Methylnaphthalene	8.957	142	2650003	396.690	ng	100
46) 1,1'-Biphenyl	9.304	154	182273	19.889	ng	99
52) Acenaphthene	9.916	154	594438	90.320	ng	98
58) Fluorene	10.433	166	314442m	37.373	ng	
71) Phenanthrene	11.398	178	491890	47.900	ng	99
72) Anthracene	11.451	178	96666	9.559	ng	99
75) Fluoranthene	12.592	202	27930	2.362	ng	100
78) Pyrene	12.821	202	56801	3.905	ng	98

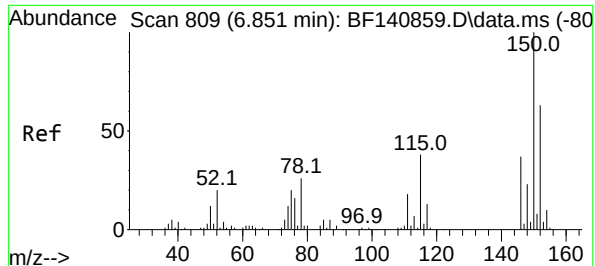
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140883.D
Acq On : 17 Dec 2024 14:19
Operator : RC/JU
Sample : P5270-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW14-20241212

Quant Time: Dec 17 14:49:43 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

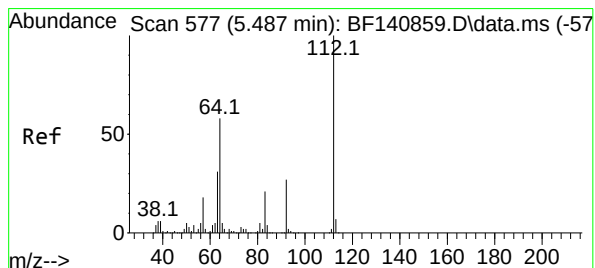
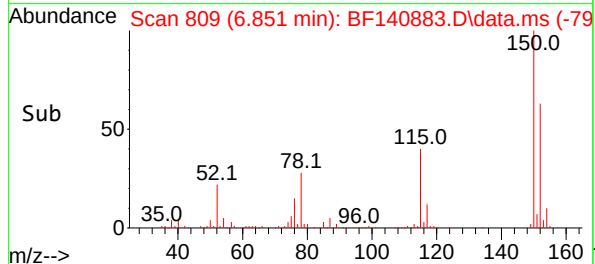
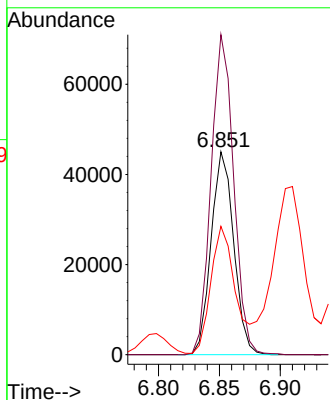
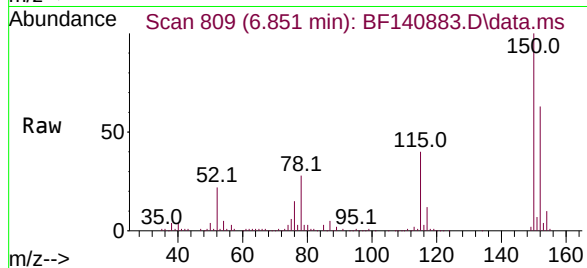




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140883.D
Acq: 17 Dec 2024 14:19

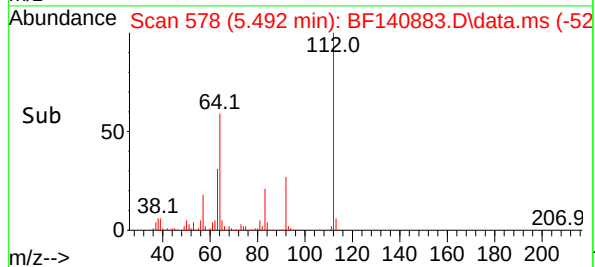
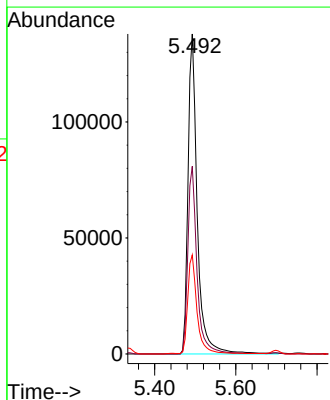
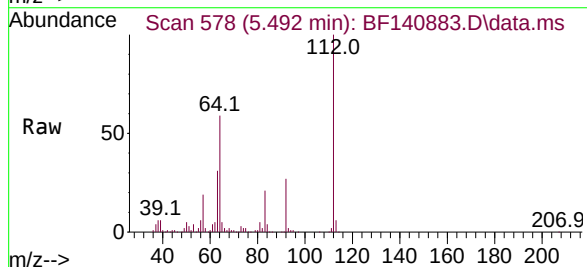
Instrument :
BNA_F
ClientSampleId :
MW14-20241212

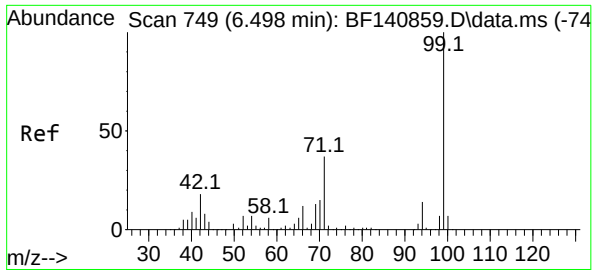
Tgt Ion:152 Resp: 58118
Ion Ratio Lower Upper
152 100
150 157.7 127.9 191.9
115 63.2 48.0 72.0



#5
2-Fluorophenol
Concen: 61.728 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140883.D
Acq: 17 Dec 2024 14:19

Tgt Ion:112 Resp: 217928
Ion Ratio Lower Upper
112 100
64 58.7 46.1 69.1
63 31.0 24.9 37.3

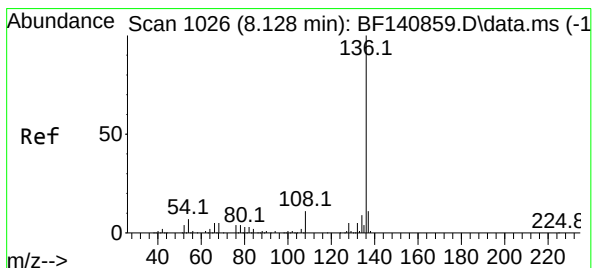
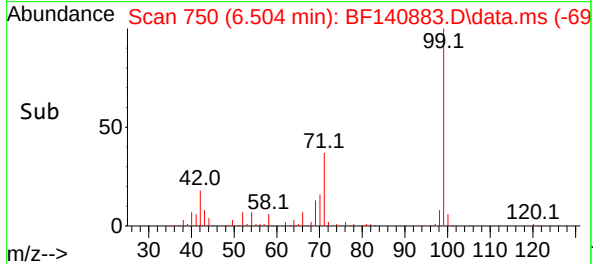
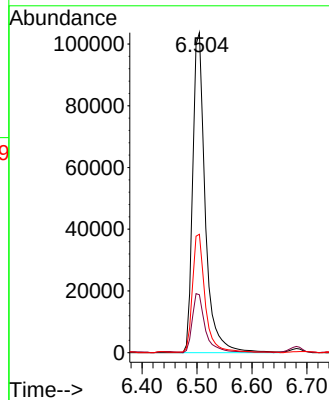
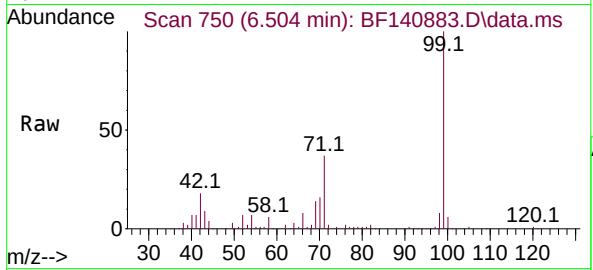




#7
Phenol-d6
Concen: 35.121 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140883.D
Acq: 17 Dec 2024 14:19

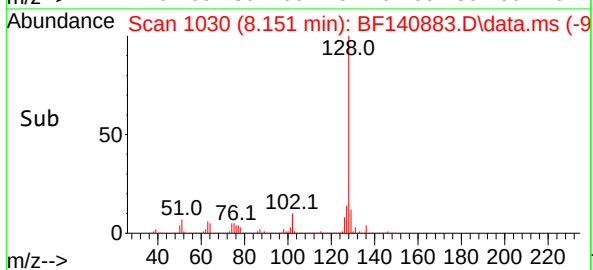
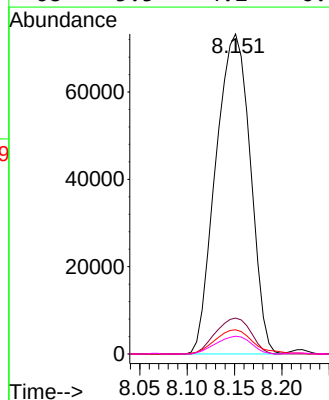
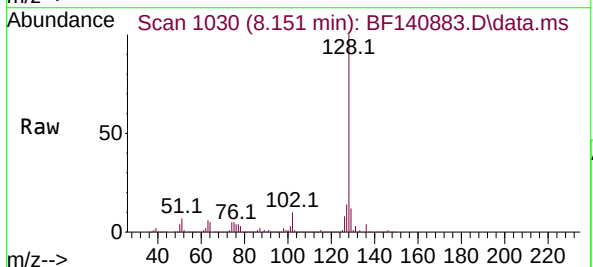
Instrument :
BNA_F
ClientSampleId :
MW14-20241212

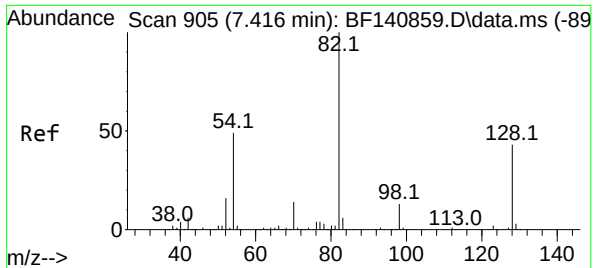
Tgt Ion: 99 Resp: 164232
Ion Ratio Lower Upper
99 100
42 18.1 14.3 21.5
71 37.0 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.023 min
Lab File: BF140883.D
Acq: 17 Dec 2024 14:19

Tgt Ion: 136 Resp: 185891
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.5 5.6 8.4
68 5.5 4.2 6.2





#23

Nitrobenzene-d5

Concen: 99.160 ng

RT: 7.422 min Scan# 905

Delta R.T. 0.006 min

Lab File: BF140883.D

Acq: 17 Dec 2024 14:19

Instrument :

BNA_F

ClientSampleId :

MW14-20241212

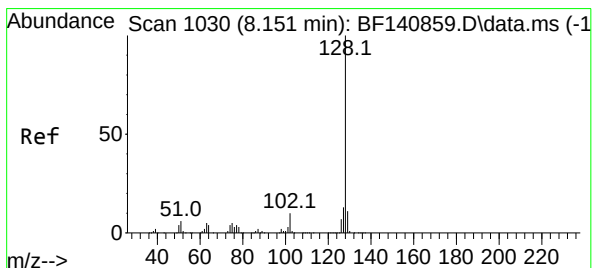
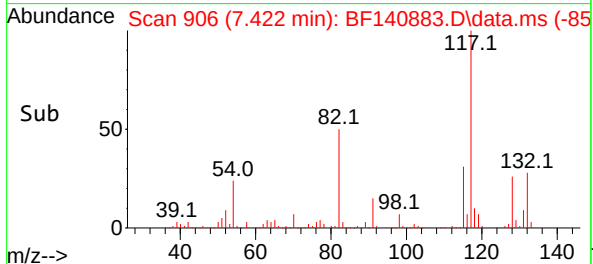
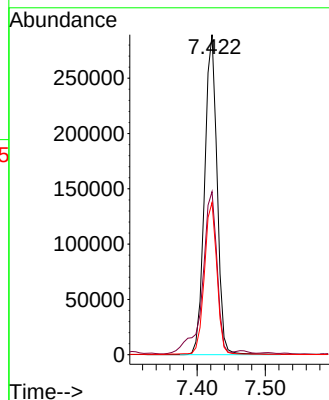
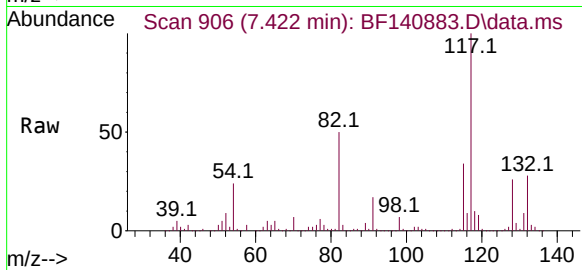
Tgt Ion: 82 Resp: 368430

Ion Ratio Lower Upper

82 100

128 51.0 34.4 51.6

54 47.5 38.8 58.2



#31

Naphthalene

Concen: 1255.770 ng

RT: 8.186 min Scan# 1036

Delta R.T. 0.035 min

Lab File: BF140883.D

Acq: 17 Dec 2024 14:19

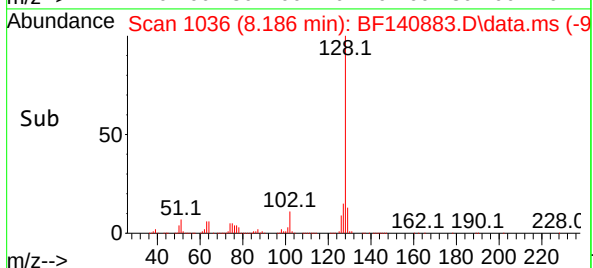
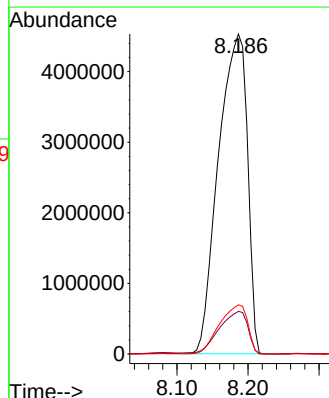
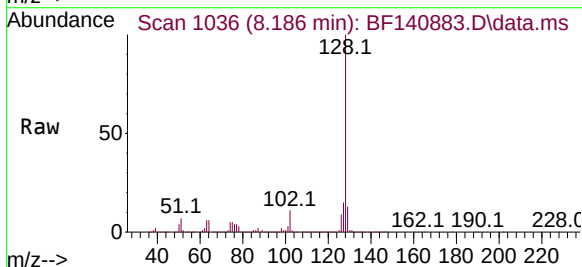
Tgt Ion: 128 Resp: 12822899

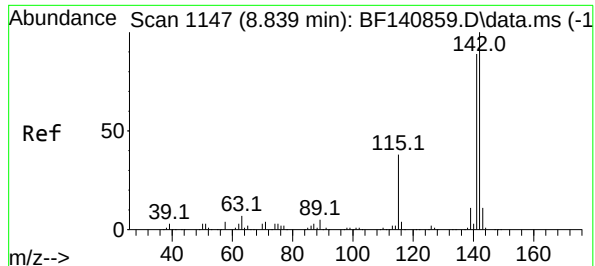
Ion Ratio Lower Upper

128 100

129 13.3 8.9 13.3

127 15.3 10.6 16.0





#37

2-Methylnaphthalene

Concen: 376.715 ng

RT: 8.857 min Scan# 1147

Delta R.T. 0.017 min

Lab File: BF140883.D

Acq: 17 Dec 2024 14:19

Instrument :

BNA_F

ClientSampleId :

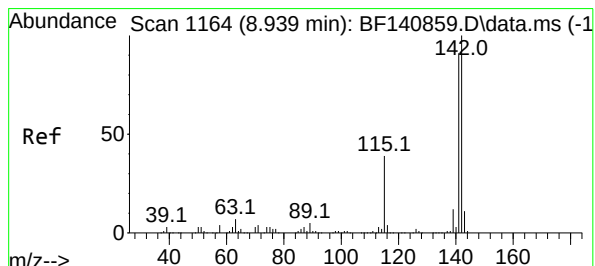
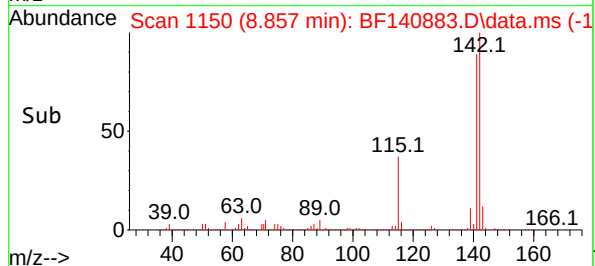
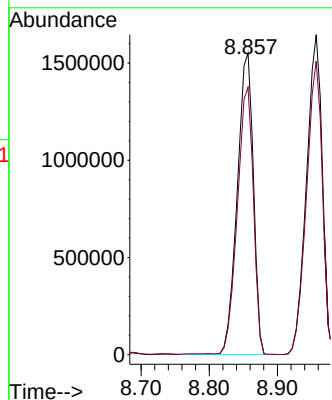
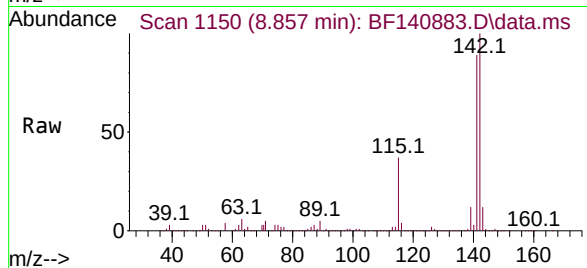
MW14-20241212

Tgt Ion:142 Resp: 2544596

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 396.690 ng

RT: 8.957 min Scan# 1167

Delta R.T. 0.017 min

Lab File: BF140883.D

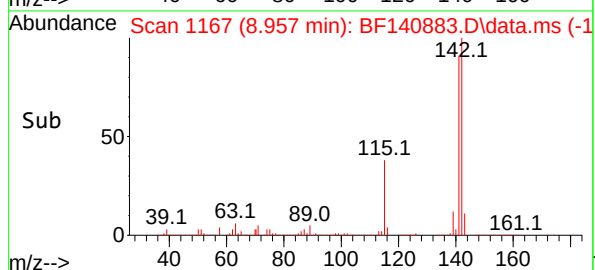
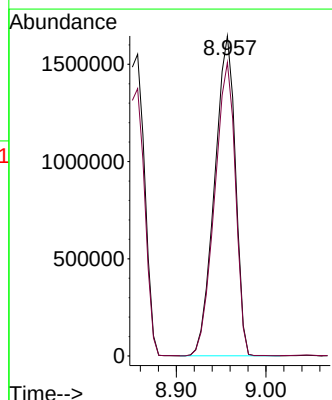
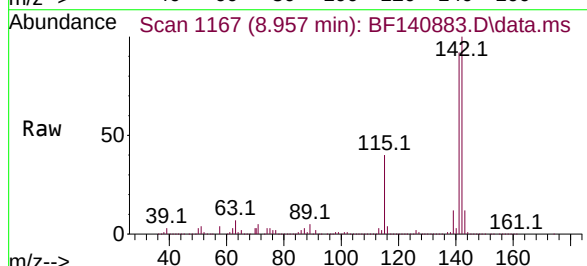
Acq: 17 Dec 2024 14:19

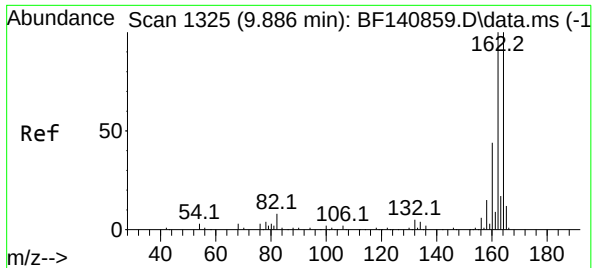
Tgt Ion:142 Resp: 2650003

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140883.D

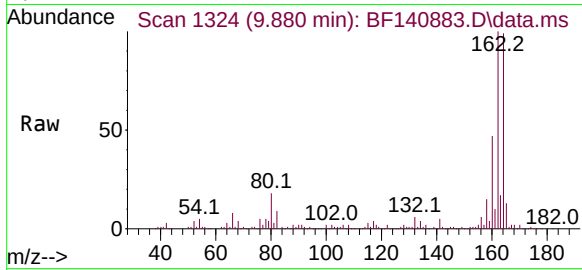
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Instrument :

BNA_F

ClientSampleId :

MW14-20241212



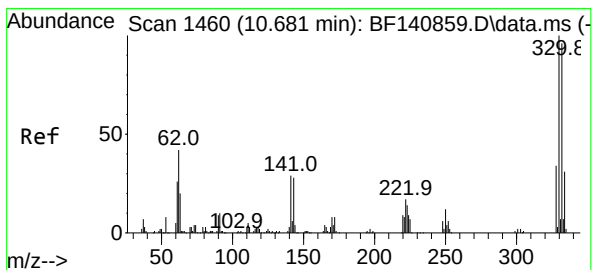
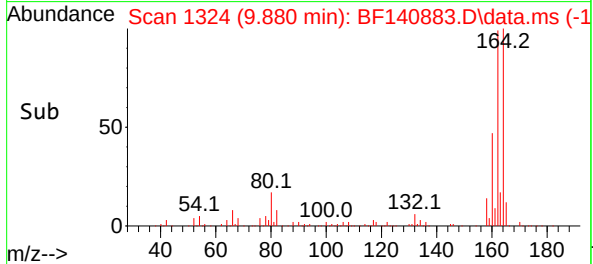
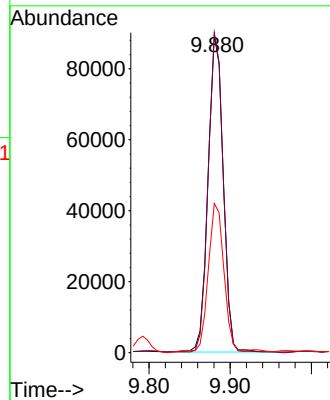
Tgt Ion:164 Resp: 115251

Ion Ratio Lower Upper

164 100

162 100.7 79.9 119.9

160 47.0 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 128.131 ng

RT: 10.674 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF140883.D

Acq: 17 Dec 2024 14:19

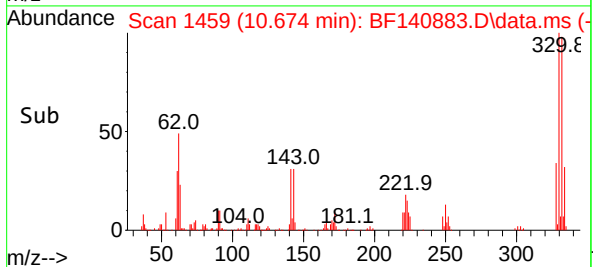
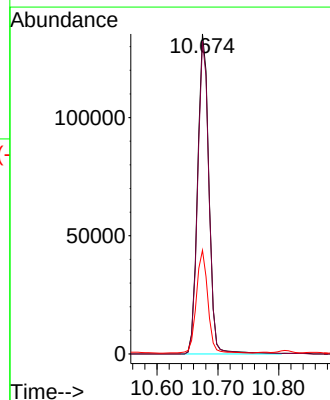
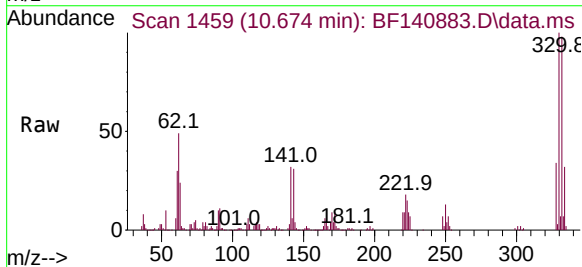
Tgt Ion:330 Resp: 174654

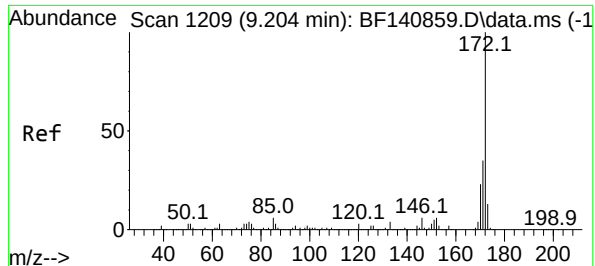
Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

141 32.6 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 88.849 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140883.D

Acq: 17 Dec 2024 14:19

Instrument :

BNA_F

ClientSampleId :

MW14-20241212

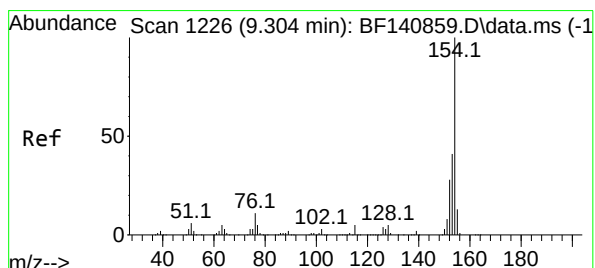
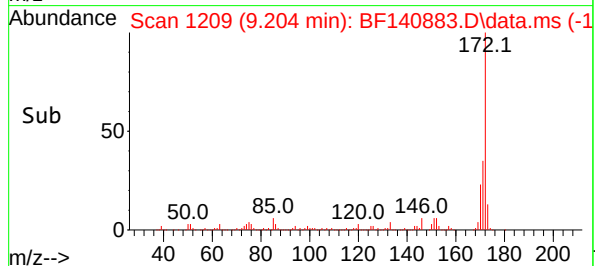
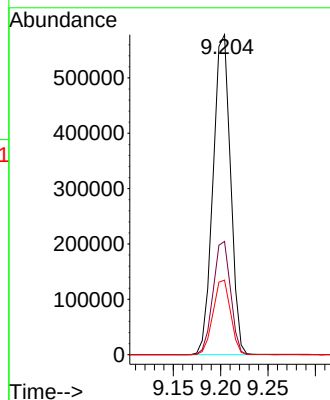
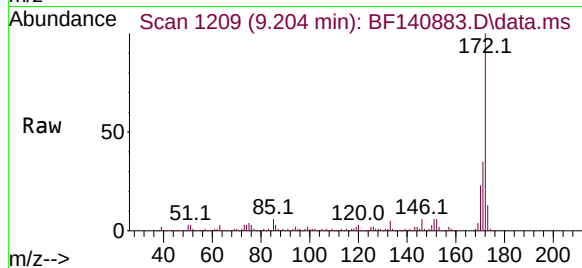
Tgt Ion:172 Resp: 744804

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 19.889 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF140883.D

Acq: 17 Dec 2024 14:19

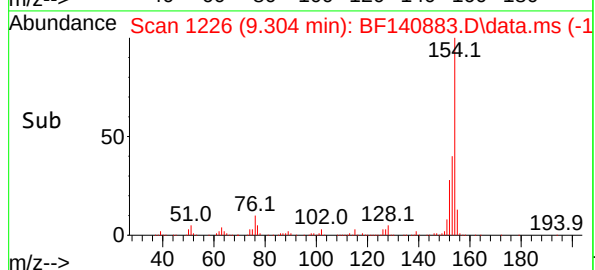
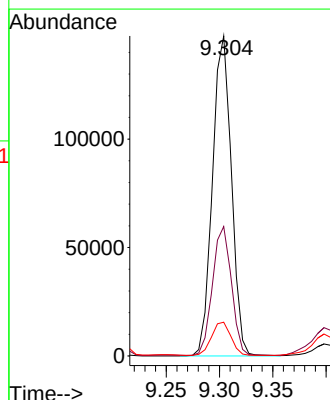
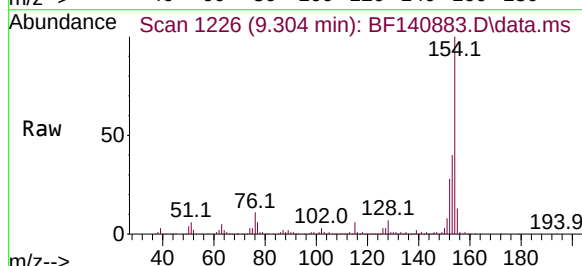
Tgt Ion:154 Resp: 182273

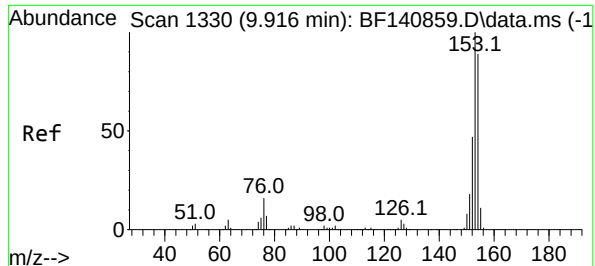
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 10.6 0.0 31.0





#52

Acenaphthene

Concen: 90.320 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF140883.D

Acq: 17 Dec 2024 14:19

Instrument :

BNA_F

ClientSampleId :

MW14-20241212

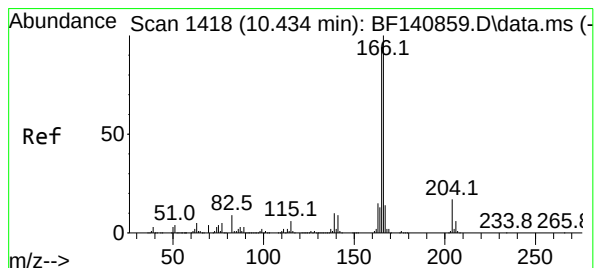
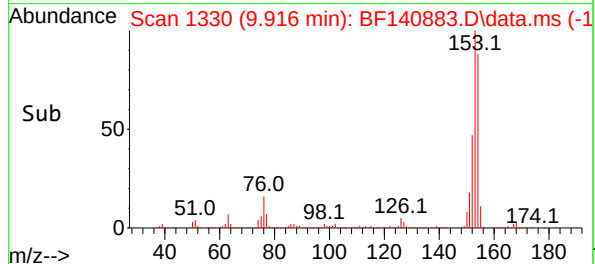
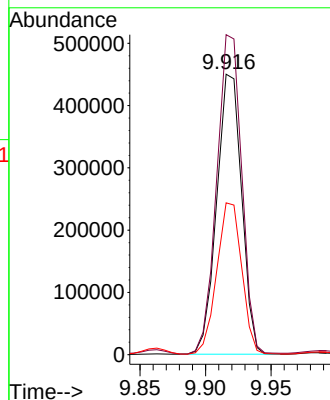
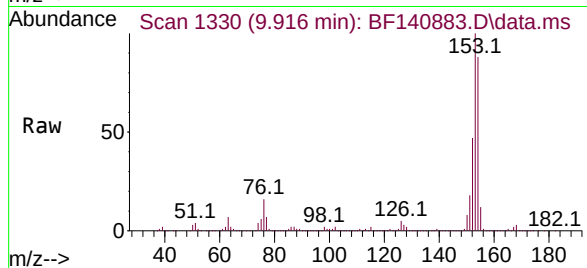
Tgt Ion:154 Resp: 594438

Ion Ratio Lower Upper

154 100

153 114.1 89.9 134.9

152 54.1 42.6 63.8



#58

Fluorene

Concen: 37.373 ng m

RT: 10.433 min Scan# 1418

Delta R.T. -0.000 min

Lab File: BF140883.D

Acq: 17 Dec 2024 14:19

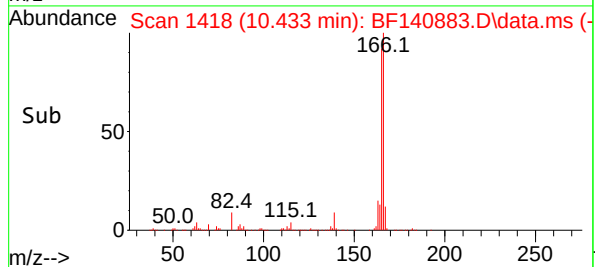
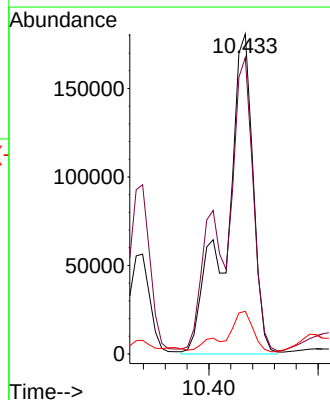
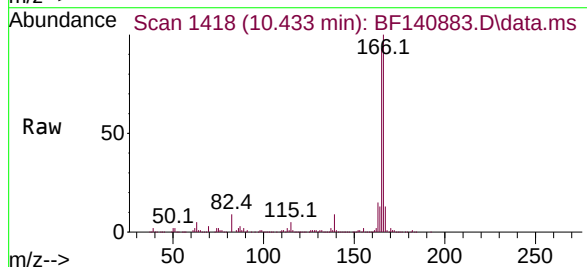
Tgt Ion:166 Resp: 314442

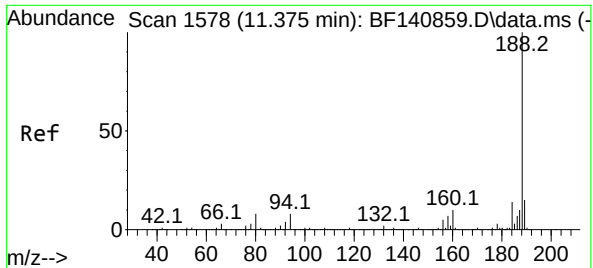
Ion Ratio Lower Upper

166 100

165 92.7 75.1 112.7

167 13.3 11.1 16.7

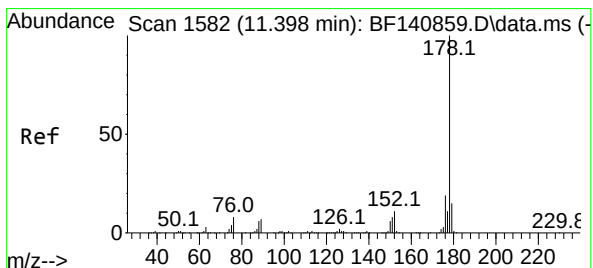
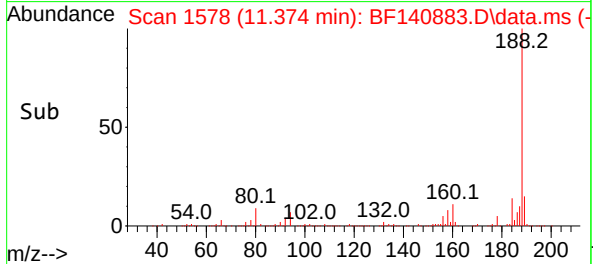
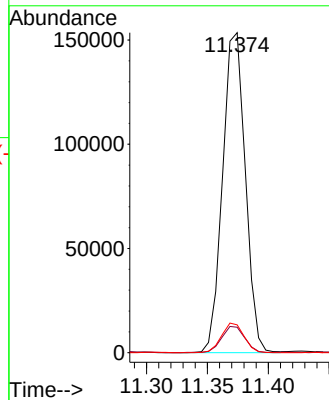
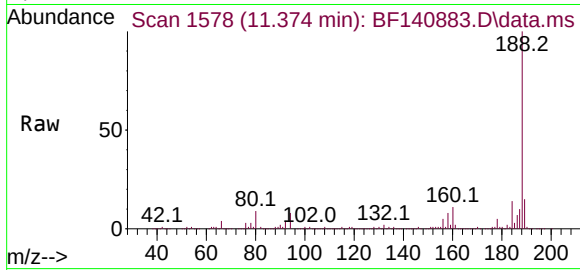




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140883.D
Acq: 17 Dec 2024 14:19

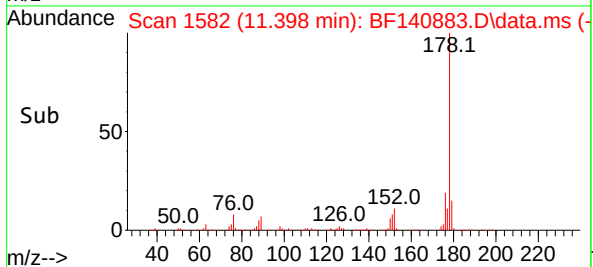
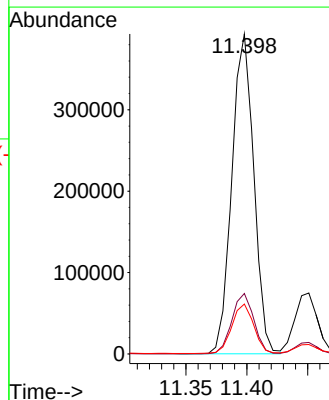
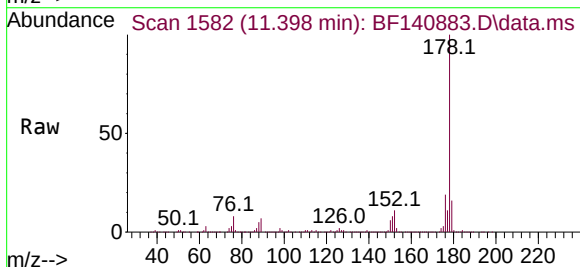
Instrument :
BNA_F
ClientSampleId :
MW14-20241212

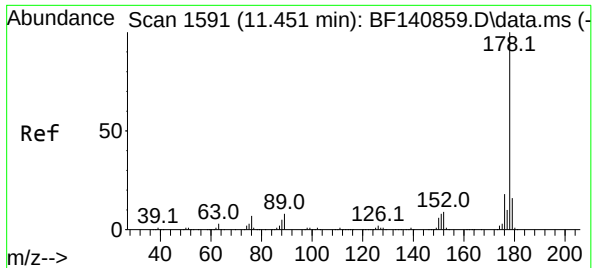
Tgt Ion:188 Resp: 199692
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.7 6.8 10.2



#71
Phenanthrene
Concen: 47.900 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140883.D
Acq: 17 Dec 2024 14:19

Tgt Ion:178 Resp: 491890
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.6 12.1 18.1

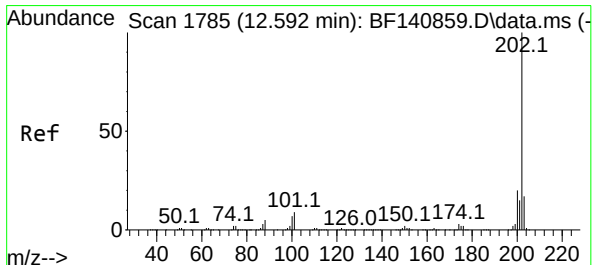
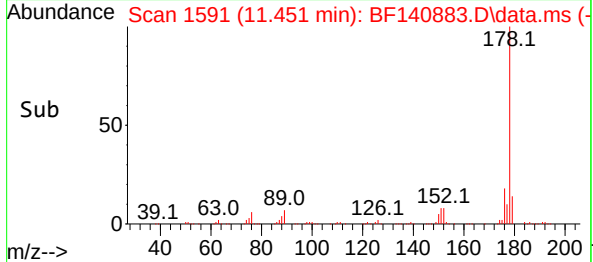
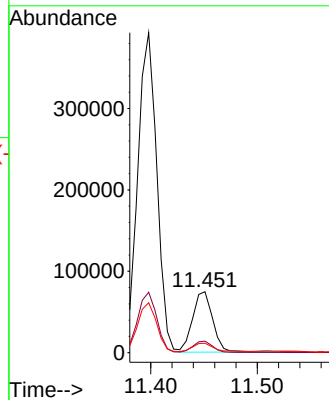
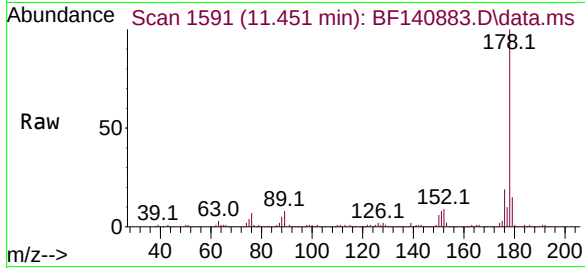




#72
Anthracene
Concen: 9.559 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140883.D
Acq: 17 Dec 2024 14:19

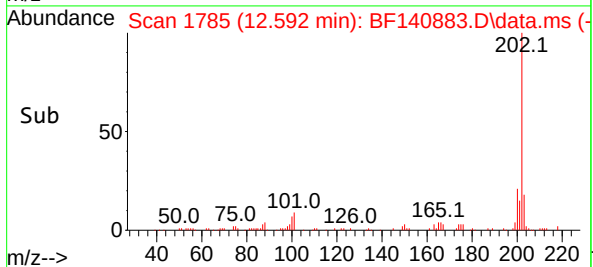
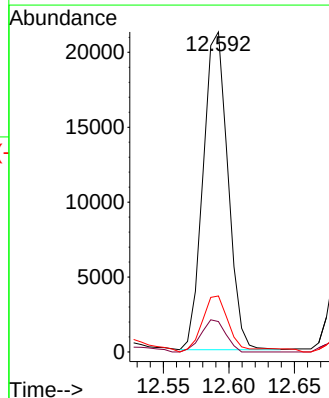
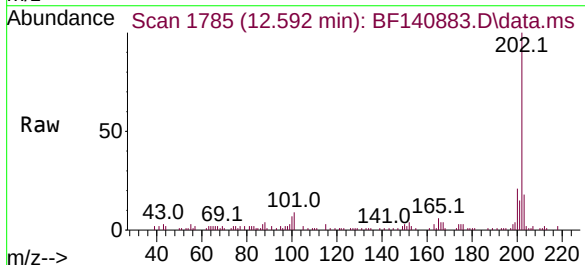
Instrument :
BNA_F
ClientSampleId :
MW14-20241212

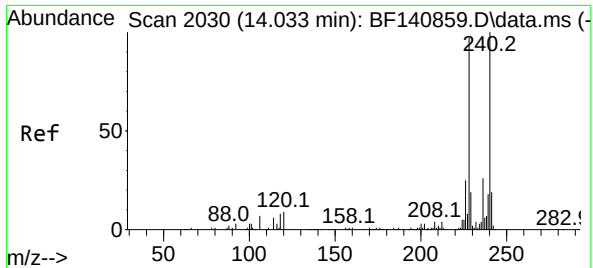
Tgt Ion:178	Resp:	96666
Ion Ratio	Lower	Upper
178	100	
176	18.9	14.6 22.0
179	15.4	12.6 18.8



#75
Fluoranthene
Concen: 2.362 ng
RT: 12.592 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF140883.D
Acq: 17 Dec 2024 14:19

Tgt Ion:202	Resp:	27930
Ion Ratio	Lower	Upper
202	100	
101	9.5	0.0 29.3
203	17.5	0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF140883.D

Acq: 17 Dec 2024 14:19

Instrument :

BNA_F

ClientSampleId :

MW14-20241212

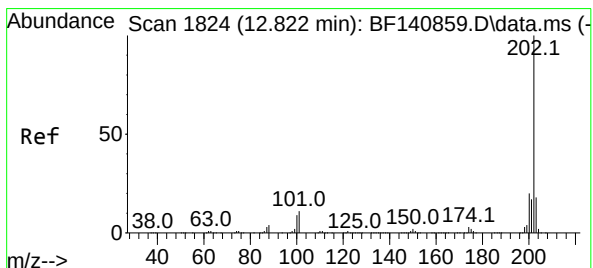
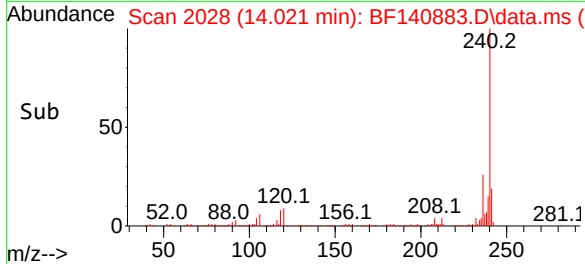
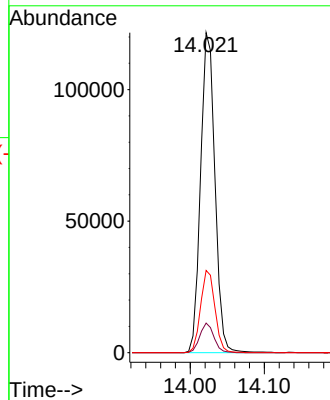
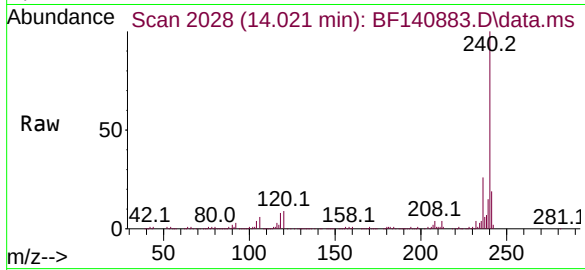
Tgt Ion:240 Resp: 163585

Ion Ratio Lower Upper

240 100

120 9.3 7.6 11.4

236 25.7 20.5 30.7



#78

Pyrene

Concen: 3.905 ng

RT: 12.821 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF140883.D

Acq: 17 Dec 2024 14:19

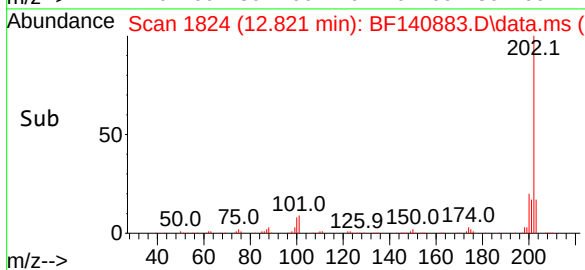
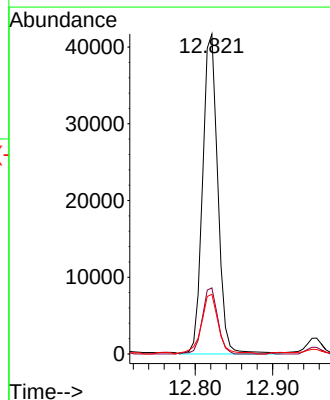
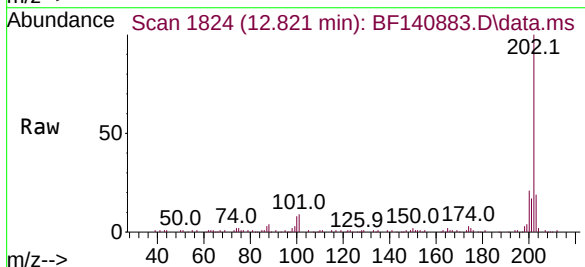
Tgt Ion:202 Resp: 56801

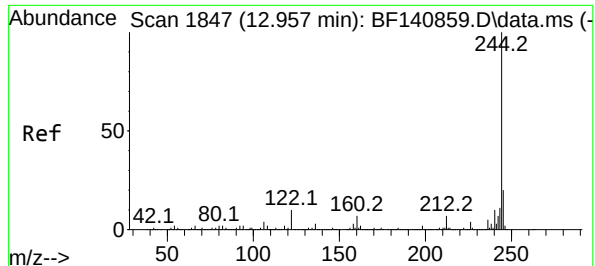
Ion Ratio Lower Upper

202 100

200 20.6 16.1 24.1

203 18.6 14.2 21.4





#79

Terphenyl-d14

Concen: 73.812 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140883.D

Acq: 17 Dec 2024 14:19

Instrument :

BNA_F

ClientSampleId :

MW14-20241212

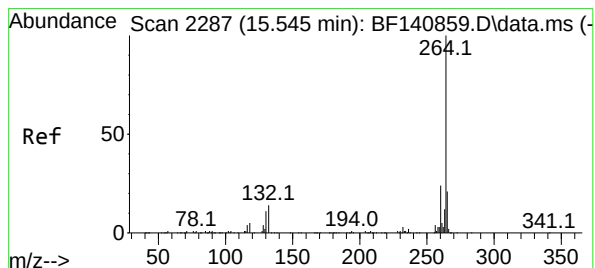
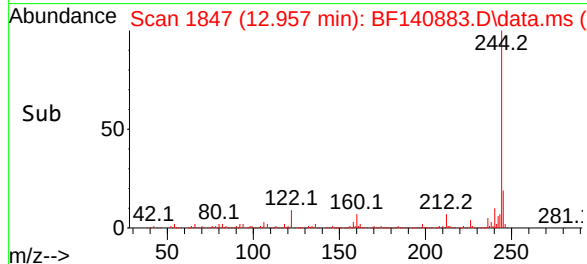
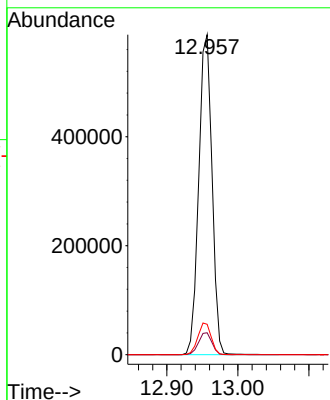
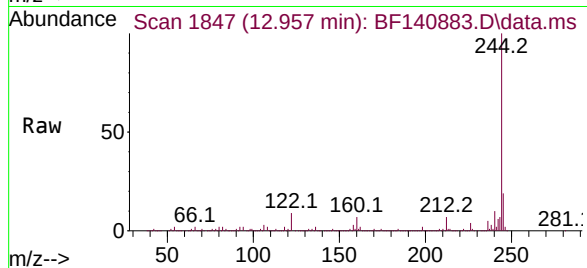
Tgt Ion:244 Resp: 765733

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.5 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.024 min

Lab File: BF140883.D

Acq: 17 Dec 2024 14:19

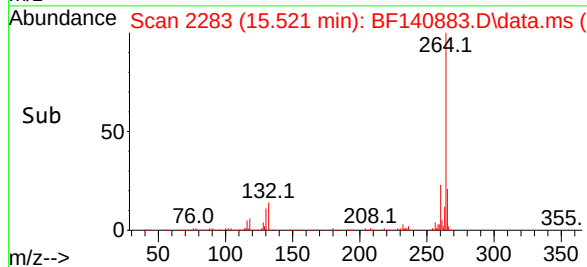
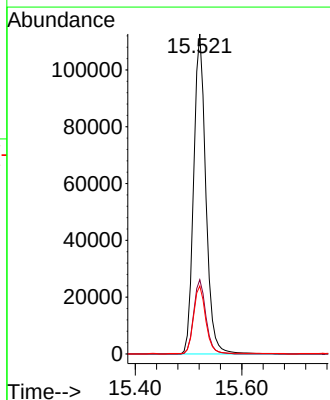
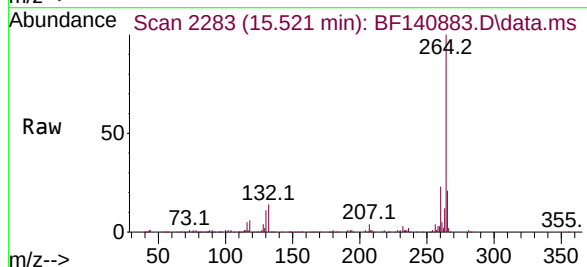
Tgt Ion:264 Resp: 178974

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.3 17.0 25.4



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW14-20241212DL	SDG No.:	P5270
Lab Sample ID:	P5270-08DL	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
BF140886.D	20	12/13/24 11:40	12/17/24 15:38	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	80.0	UD	80.0	200	ug/L
108-95-2	Phenol	18.6	UD	18.6	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	23.8	UDQ	23.8	100	ug/L
95-57-8	2-Chlorophenol	14.2	UD	14.2	100	ug/L
95-48-7	2-Methylphenol	22.6	UD	22.6	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27.0	UDQ	27.0	100	ug/L
98-86-2	Acetophenone	22.0	UDQ	22.0	100	ug/L
65794-96-9	3+4-Methylphenols	23.0	UD	23.0	200	ug/L
621-64-7	n-Nitroso-di-n-propylamine	29.6	UD	29.6	50.0	ug/L
67-72-1	Hexachloroethane	20.2	UD	20.2	100	ug/L
98-95-3	Nitrobenzene	25.4	UD	25.4	100	ug/L
78-59-1	Isophorone	22.8	UDQ	22.8	100	ug/L
88-75-5	2-Nitrophenol	39.2	UD	39.2	100	ug/L
105-67-9	2,4-Dimethylphenol	30.2	UD	30.2	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	UD	20.4	100	ug/L
120-83-2	2,4-Dichlorophenol	17.6	UD	17.6	100	ug/L
91-20-3	Naphthalene	2100	ED	20.4	100	ug/L
106-47-8	4-Chloroaniline	26.0	UD	26.0	100	ug/L
87-68-3	Hexachlorobutadiene	25.4	UD	25.4	100	ug/L
105-60-2	Caprolactam	33.0	UD	33.0	200	ug/L
59-50-7	4-Chloro-3-methylphenol	16.8	UD	16.8	100	ug/L
91-57-6	2-Methylnaphthalene	460	D	22.6	100	ug/L
77-47-4	Hexachlorocyclopentadiene	100	UD	100	200	ug/L
88-06-2	2,4,6-Trichlorophenol	17.8	UD	17.8	100	ug/L
95-95-4	2,4,5-Trichlorophenol	20.2	UD	20.2	100	ug/L
92-52-4	1,1-Biphenyl	18.2	UDQ	18.2	100	ug/L
91-58-7	2-Chloronaphthalene	19.4	UD	19.4	100	ug/L
88-74-4	2-Nitroaniline	28.2	UD	28.2	100	ug/L
131-11-3	Dimethylphthalate	18.6	UDQ	18.6	100	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW14-20241212DL	SDG No.:	P5270
Lab Sample ID:	P5270-08DL	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
BF140886.D	20	12/13/24 11:40	12/17/24 15:38	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	20.8	UDQ	20.8	100	ug/L
606-20-2	2,6-Dinitrotoluene	24.8	UD	24.8	100	ug/L
99-09-2	3-Nitroaniline	27.4	UD	27.4	100	ug/L
83-32-9	Acenaphthene	110	D	16.2	100	ug/L
51-28-5	2,4-Dinitrophenol	130	UD	130	200	ug/L
100-02-7	4-Nitrophenol	40.0	UD	40.0	200	ug/L
132-64-9	Dibenzofuran	18.6	UD	18.6	100	ug/L
121-14-2	2,4-Dinitrotoluene	30.4	UD	30.4	100	ug/L
84-66-2	Diethylphthalate	20.8	UD	20.8	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	19.6	UD	19.6	100	ug/L
86-73-7	Fluorene	19.2	UD	19.2	100	ug/L
100-01-6	4-Nitroaniline	40.8	UD	40.8	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	61.4	UD	61.4	200	ug/L
86-30-6	n-Nitrosodiphenylamine	17.8	UDQ	17.8	100	ug/L
101-55-3	4-Bromophenyl-phenylether	19.0	UDQ	19.0	100	ug/L
118-74-1	Hexachlorobenzene	22.8	UD	22.8	100	ug/L
1912-24-9	Atrazine	25.2	UDQ	25.2	100	ug/L
87-86-5	Pentachlorophenol	37.0	UD	37.0	200	ug/L
85-01-8	Phenanthrene	57.9	JD	17.8	100	ug/L
120-12-7	Anthracene	21.4	UDQ	21.4	100	ug/L
86-74-8	Carbazole	23.0	UD	23.0	100	ug/L
84-74-2	Di-n-butylphthalate	29.4	UDQ	29.4	100	ug/L
206-44-0	Fluoranthene	25.8	UD	25.8	100	ug/L
129-00-0	Pyrene	21.2	UDQ	21.2	100	ug/L
85-68-7	Butylbenzylphthalate	42.0	UDQ	42.0	100	ug/L
91-94-1	3,3-Dichlorobenzidine	25.6	UD	25.6	200	ug/L
56-55-3	Benzo(a)anthracene	18.8	UDQ	18.8	100	ug/L
218-01-9	Chrysene	17.2	UD	17.2	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	37.8	UDQ	37.8	100	ug/L
117-84-0	Di-n-octyl phthalate	50.0	UD	50.0	200	ug/L
205-99-2	Benzo(b)fluoranthene	22.8	UD	22.8	100	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW14-20241212DL	SDG No.:	P5270
Lab Sample ID:	P5270-08DL	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
BF140886.D	20	12/13/24 11:40	12/17/24 15:38	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	23.8	UD	23.8	100	ug/L
50-32-8	Benzo(a)pyrene	33.4	UD	33.4	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.4	UDQ	20.4	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	23.0	UDQ	23.0	100	ug/L
191-24-2	Benzo(g,h,i)perylene	23.6	UD	23.6	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	21.8	UDQ	21.8	100	ug/L
123-91-1	1,4-Dioxane	25.0	UD	25.0	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15.8	UD	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	54.7		10 - 139	36%	SPK: 150
13127-88-3	Phenol-d6	34.9		10 - 134	23%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.0		49 - 133	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	112		52 - 132	112%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		44 - 137	85%	SPK: 150
1718-51-0	Terphenyl-d14	92.1		48 - 125	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	50800	6.851			
1146-65-2	Naphthalene-d8	189000	8.128			
15067-26-2	Acenaphthene-d10	104000	9.88			
1517-22-2	Phenanthrene-d10	208000	11.369			
1719-03-5	Chrysene-d12	166000	14.021			
1520-96-3	Perylene-d12	184000	15.504			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140886.D
Acq On : 17 Dec 2024 15:38
Operator : RC/JU
Sample : P5270-08DL 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW14-20241212DL

Quant Time: Dec 17 16:25:07 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

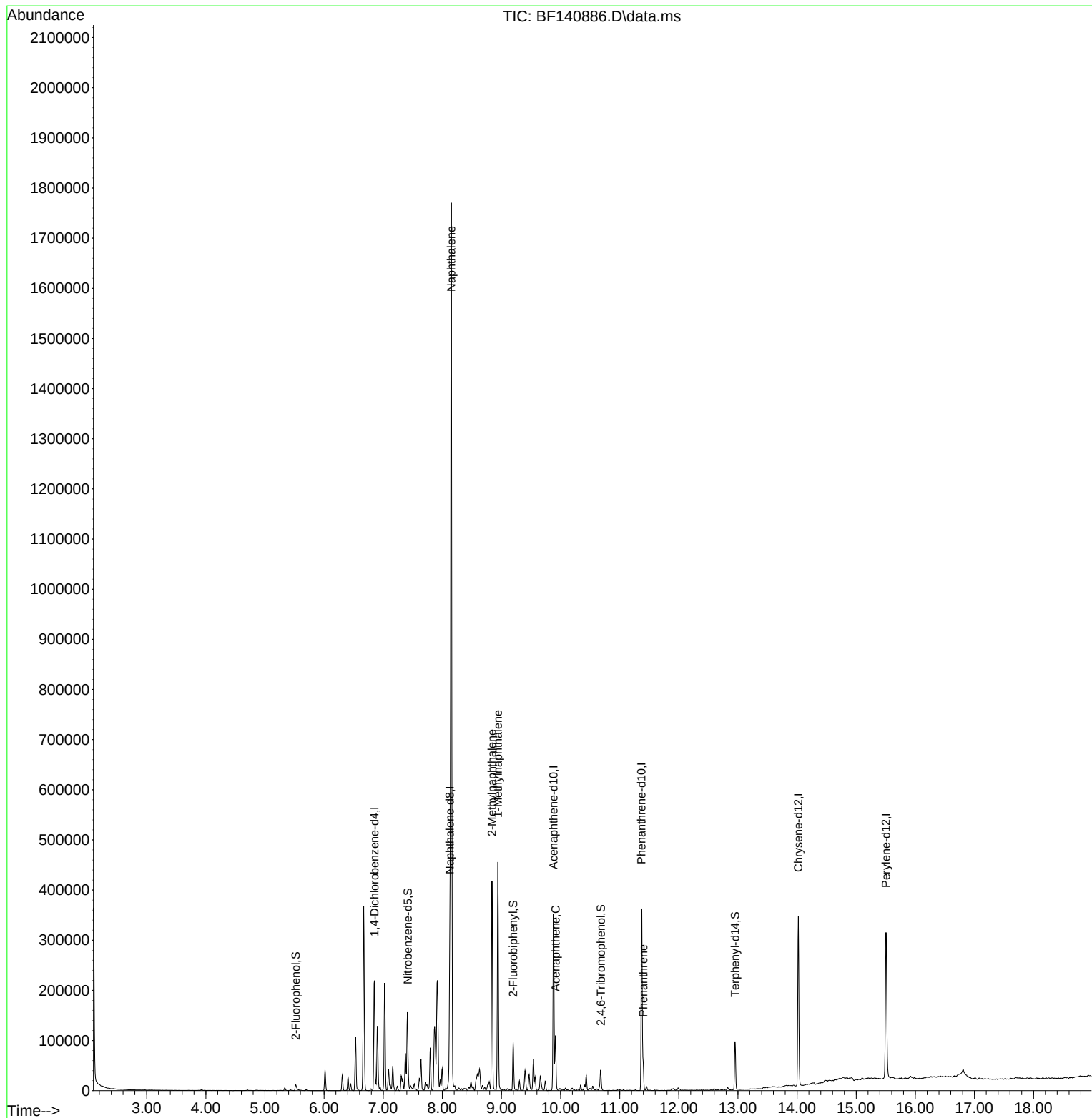
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	50750	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	188533	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	103517	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	207798	20.000	ng	0.00
76) Chrysene-d12	14.021	240	165506	20.000	ng	-0.01
86) Perylene-d12	15.504	264	183677	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	8424	2.733	ng	0.04
7) Phenol-d6	6.534	99	7126	1.745	ng	0.04
23) Nitrobenzene-d5	7.416	82	18267	4.848	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	7839	6.403	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	42252	5.612	ng	0.00
79) Terphenyl-d14	12.951	244	48334	4.605	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.151	128	1101533	106.363	ng	100
37) 2-Methylnaphthalene	8.839	142	156375	22.826	ng	100
38) 1-Methylnaphthalene	8.939	142	168773	24.910	ng	99
52) Acenaphthene	9.916	154	33944	5.742	ng	96
71) Phenanthrene	11.398	178	30962	2.897	ng	98

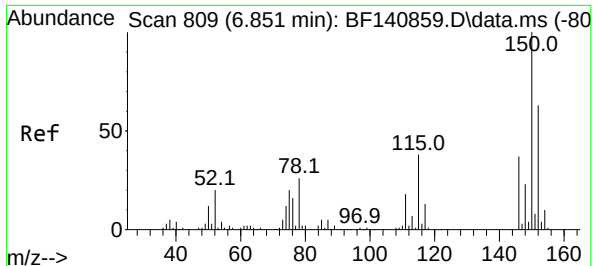
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140886.D
Acq On : 17 Dec 2024 15:38
Operator : RC/JU
Sample : P5270-08DL 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW14-20241212DL

Quant Time: Dec 17 16:25:07 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

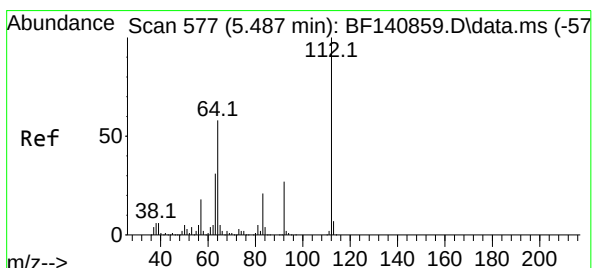
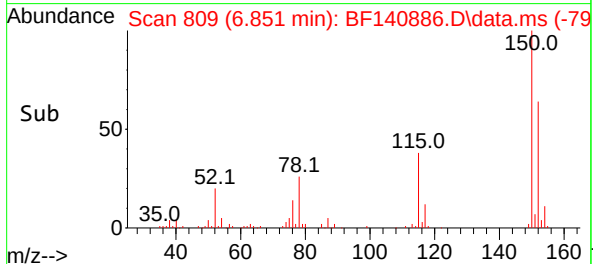
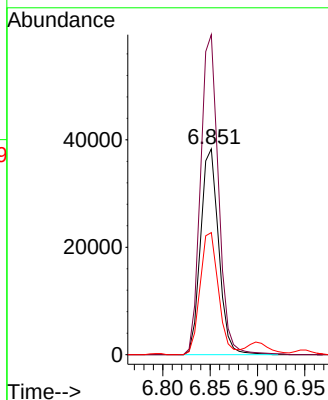
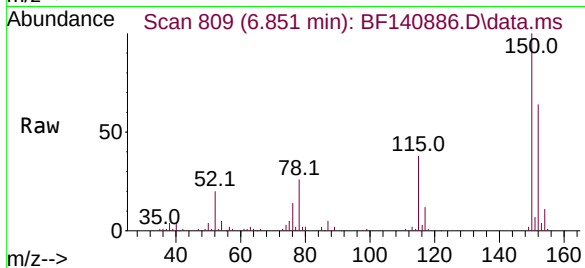




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140886.D
Acq: 17 Dec 2024 15:38

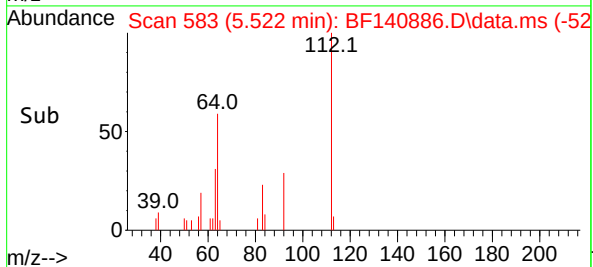
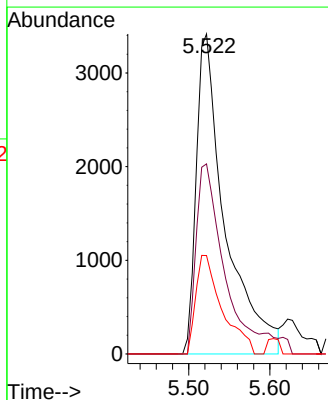
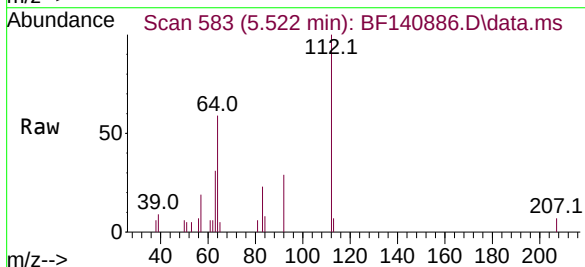
Instrument :
BNA_F
ClientSampleId :
MW14-20241212DL

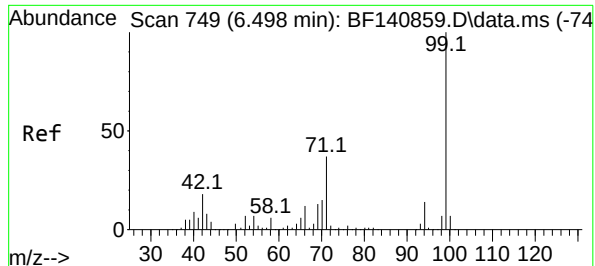
Tgt Ion:152 Resp: 50750
Ion Ratio Lower Upper
152 100
150 155.6 127.9 191.9
115 59.4 48.0 72.0



#5
2-Fluorophenol
Concen: 2.733 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.035 min
Lab File: BF140886.D
Acq: 17 Dec 2024 15:38

Tgt Ion:112 Resp: 8424
Ion Ratio Lower Upper
112 100
64 59.4 46.1 69.1
63 30.7 24.9 37.3

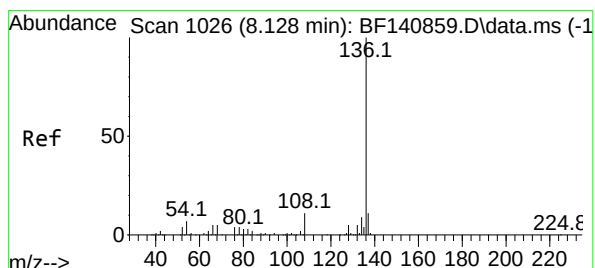
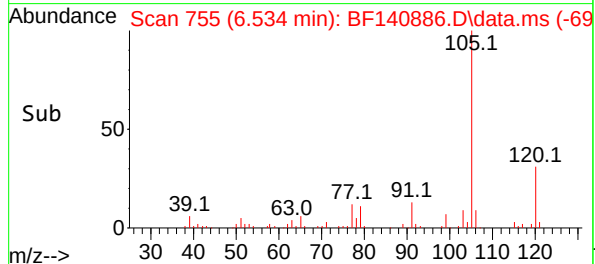
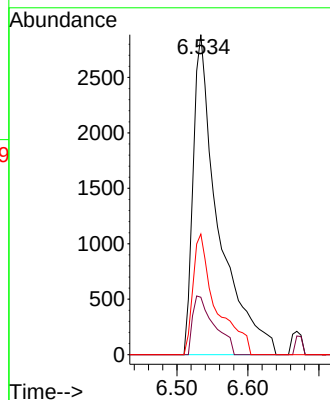
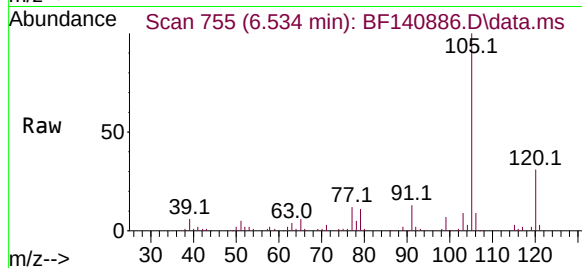




#7
Phenol-d6
Concen: 1.745 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.035 min
Lab File: BF140886.D
Acq: 17 Dec 2024 15:38

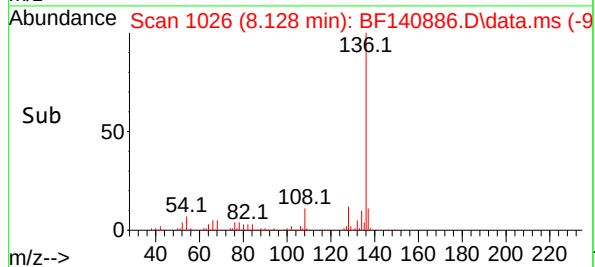
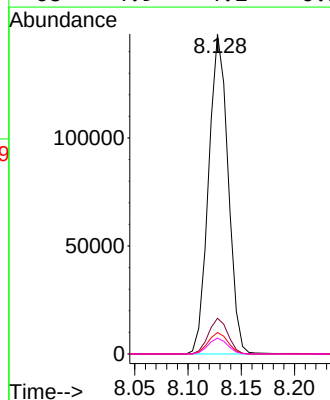
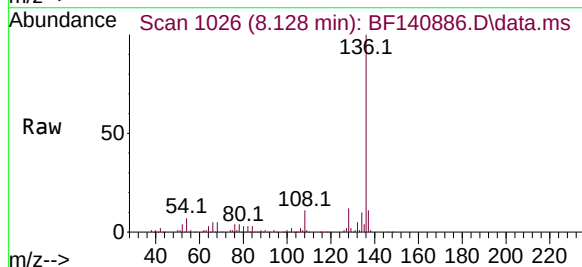
Instrument :
BNA_F
ClientSampleId :
MW14-20241212DL

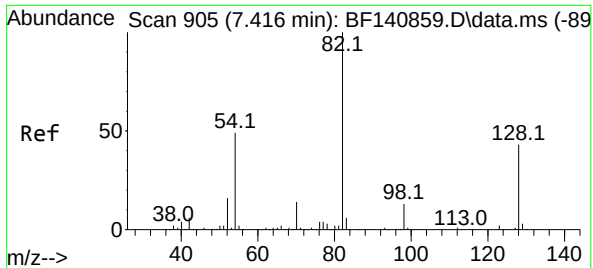
Tgt Ion	99	Ratio	100	Lower	Upper
99	100				
42	17.9		14.3		21.5
71	37.7		29.9		44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140886.D
Acq: 17 Dec 2024 15:38

Tgt Ion	136	Ratio	100	Lower	Upper
136	100				
137	11.2		9.0		13.4
54	6.7		5.6		8.4
68	4.9		4.2		6.2





#23

Nitrobenzene-d5

Concen: 4.848 ng

RT: 7.416 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140886.D

Acq: 17 Dec 2024 15:38

Instrument :

BNA_F

ClientSampleId :

MW14-20241212DL

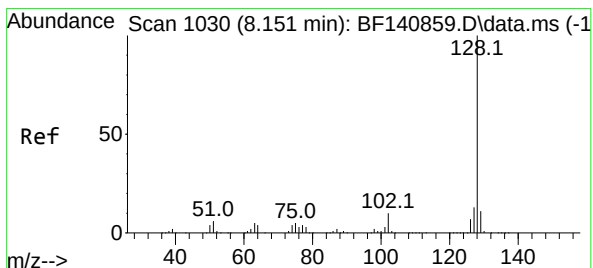
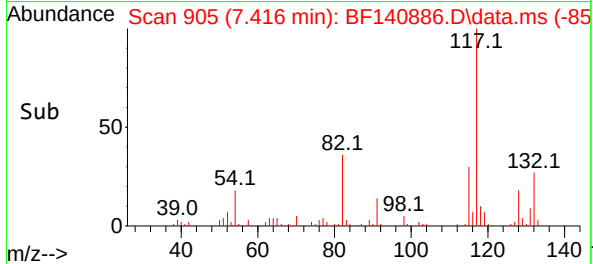
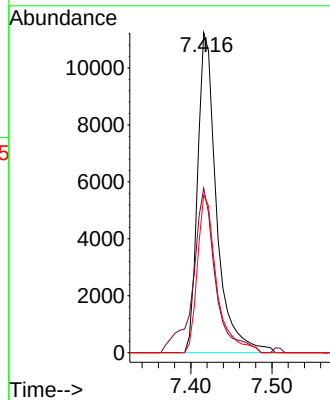
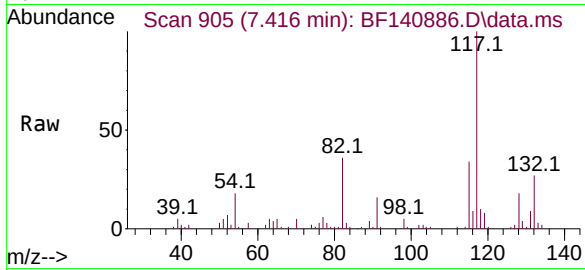
Tgt Ion: 82 Resp: 18267

Ion Ratio Lower Upper

82 100

128 51.4 34.4 51.6

54 49.3 38.8 58.2



#31

Naphthalene

Concen: 106.363 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF140886.D

Acq: 17 Dec 2024 15:38

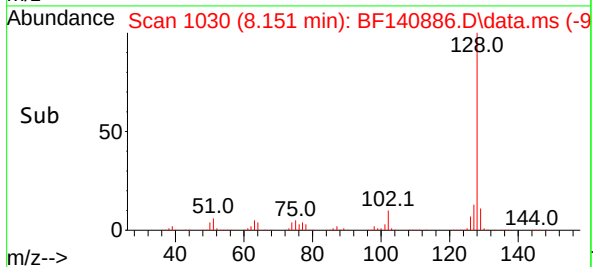
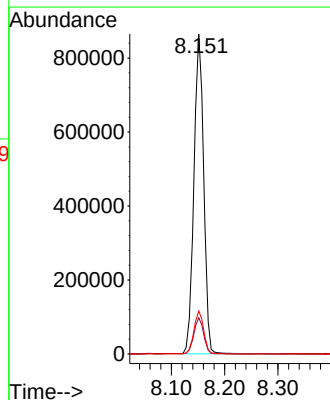
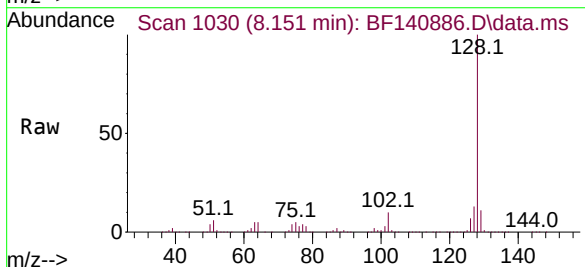
Tgt Ion:128 Resp: 1101533

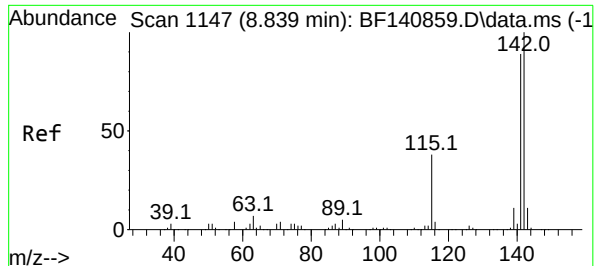
Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.4 10.6 16.0





#37

2-Methylnaphthalene

Concen: 22.826 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF140886.D

Acq: 17 Dec 2024 15:38

Instrument :

BNA_F

ClientSampleId :

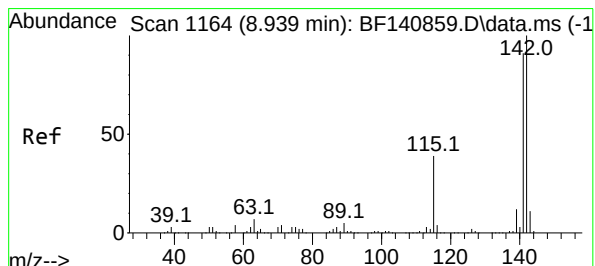
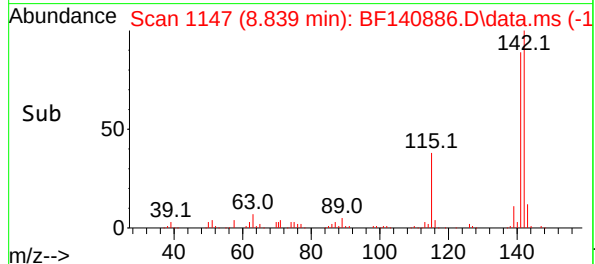
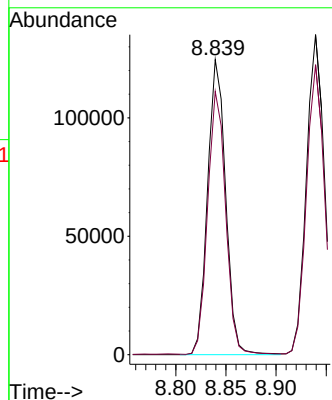
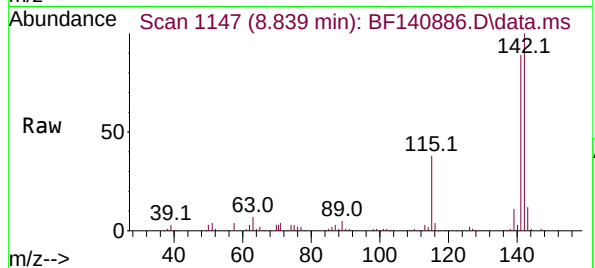
MW14-20241212DL

Tgt Ion:142 Resp: 156375

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 24.910 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140886.D

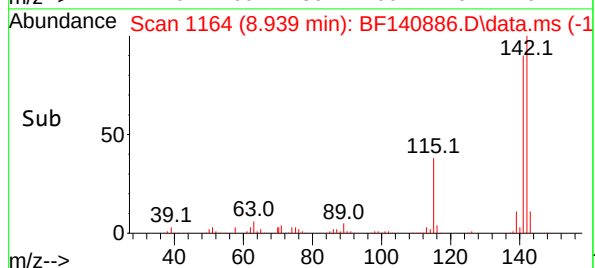
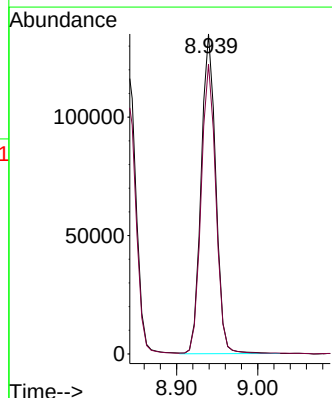
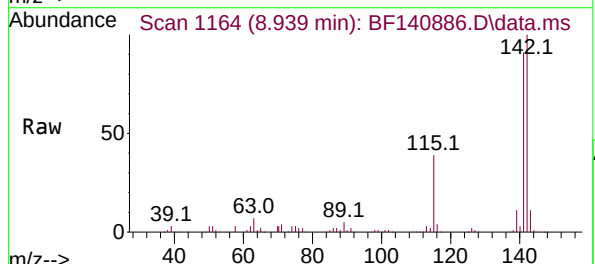
Acq: 17 Dec 2024 15:38

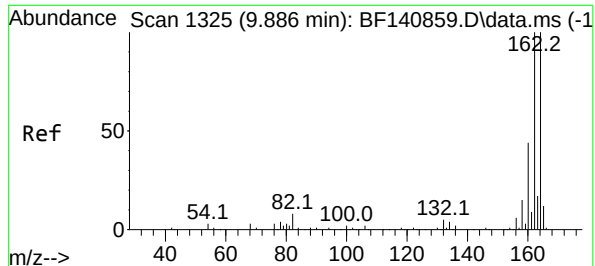
Tgt Ion:142 Resp: 168773

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# 1

Delta R.T. -0.006 min

Lab File: BF140886.D

Acq: 17 Dec 2024 15:38

Instrument :

BNA_F

ClientSampleId :

MW14-20241212DL

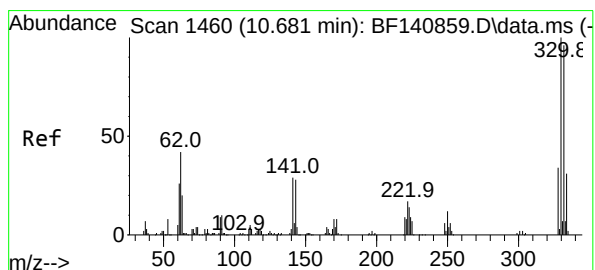
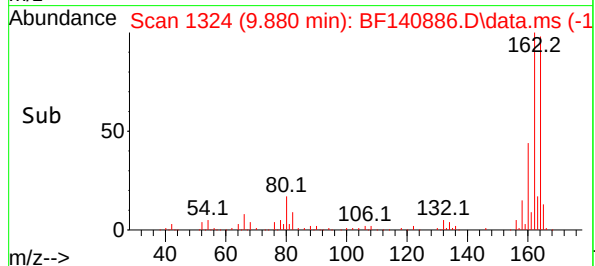
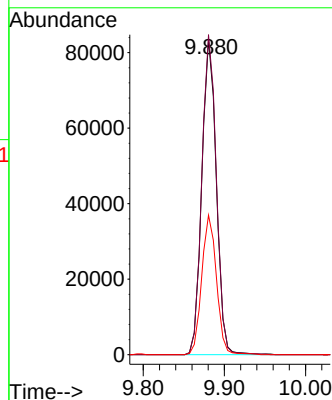
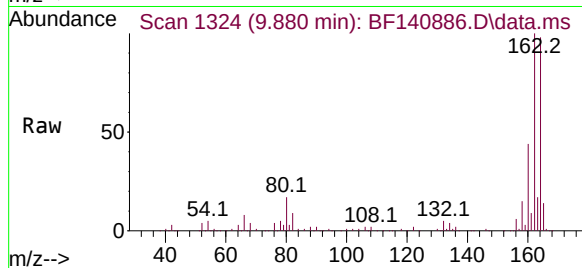
Tgt Ion:164 Resp: 103517

Ion Ratio Lower Upper

164 100

162 101.6 79.9 119.9

160 44.3 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 6.403 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140886.D

Acq: 17 Dec 2024 15:38

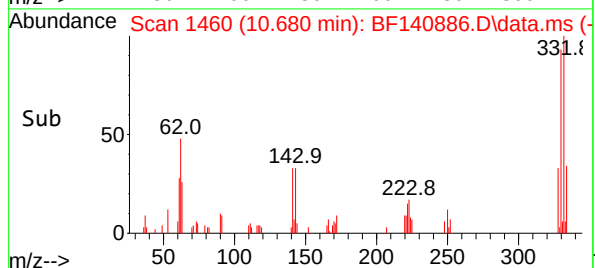
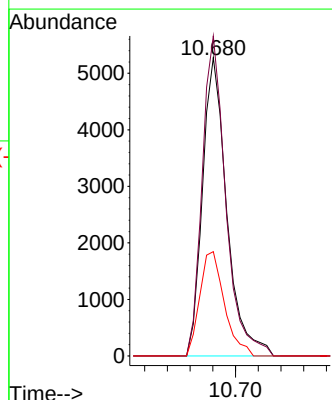
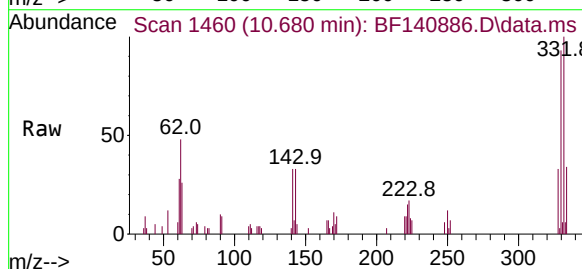
Tgt Ion:330 Resp: 7839

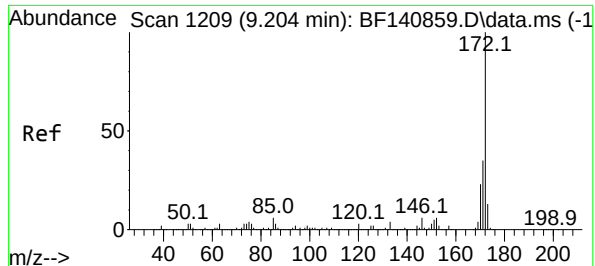
Ion Ratio Lower Upper

330 100

332 103.9 76.2 114.4

141 35.4 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 5.612 ng

RT: 9.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140886.D

Acq: 17 Dec 2024 15:38

Instrument :

BNA_F

ClientSampleId :

MW14-20241212DL

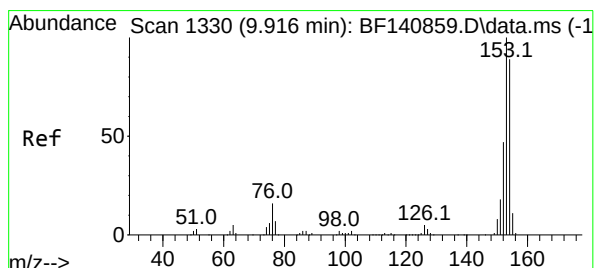
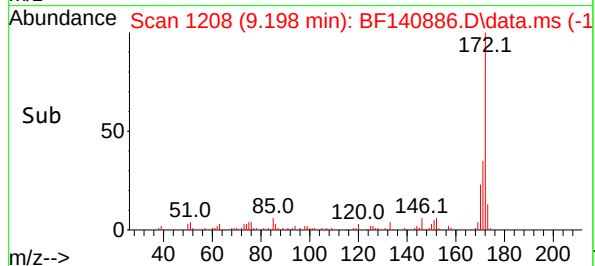
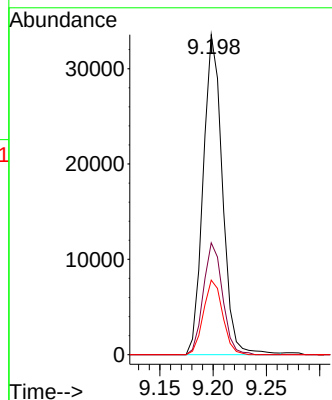
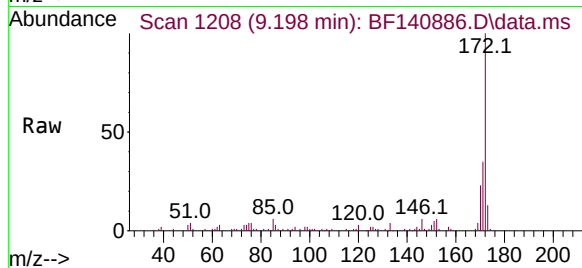
Tgt Ion:172 Resp: 42252

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.3 18.6 28.0



#52

Acenaphthene

Concen: 5.742 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF140886.D

Acq: 17 Dec 2024 15:38

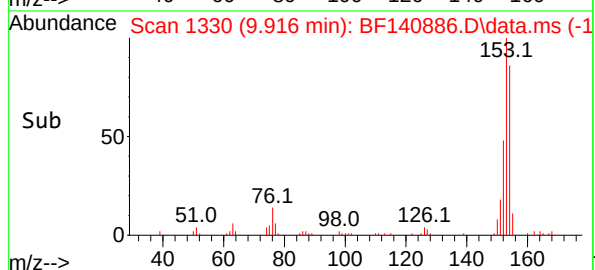
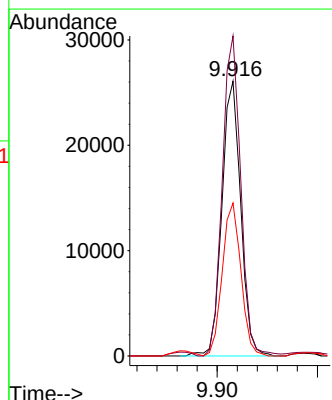
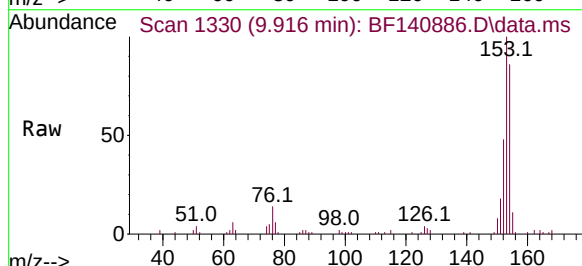
Tgt Ion:154 Resp: 33944

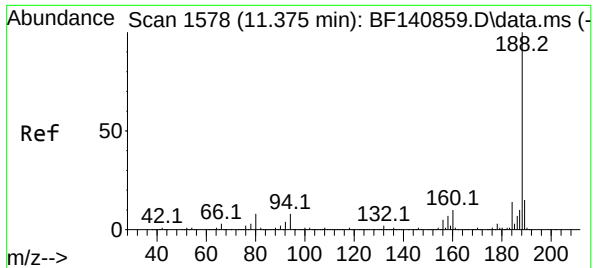
Ion Ratio Lower Upper

154 100

153 116.5 89.9 134.9

152 55.7 42.6 63.8

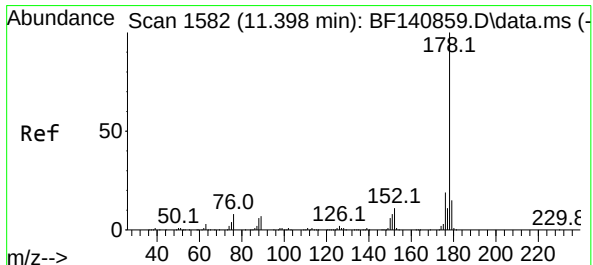
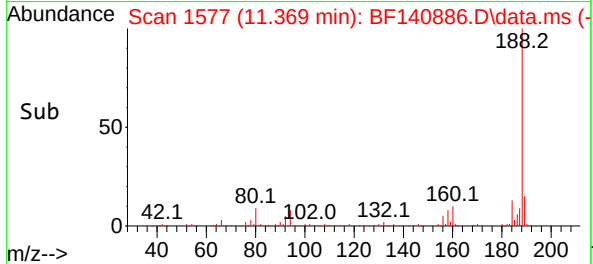
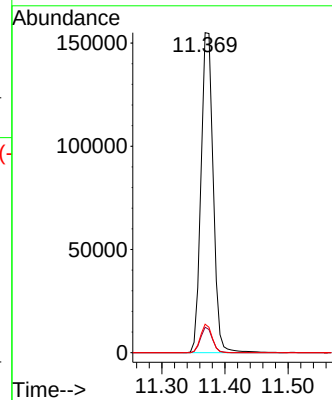
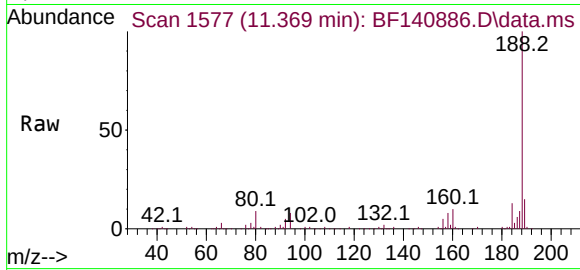




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140886.D
Acq: 17 Dec 2024 15:38

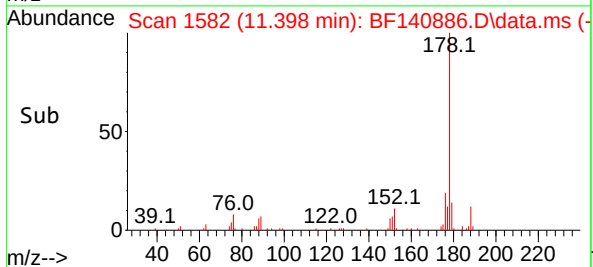
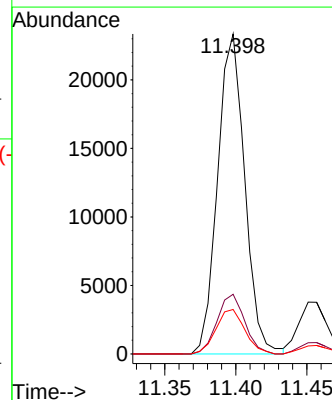
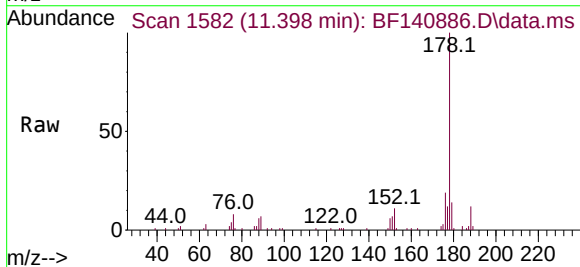
Instrument :
BNA_F
ClientSampleId :
MW14-20241212DL

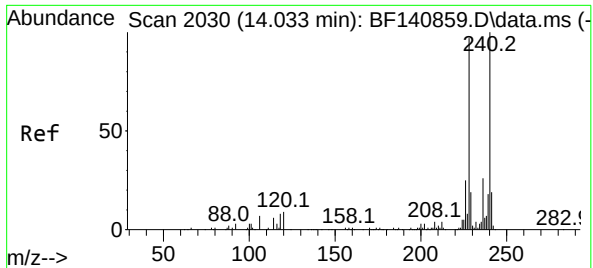
Tgt Ion:188 Resp: 207798
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.9 6.8 10.2



#71
Phenanthrene
Concen: 2.897 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140886.D
Acq: 17 Dec 2024 15:38

Tgt Ion:178 Resp: 30962
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 13.9 12.1 18.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF140886.D

Acq: 17 Dec 2024 15:38

Instrument :

BNA_F

ClientSampleId :

MW14-20241212DL

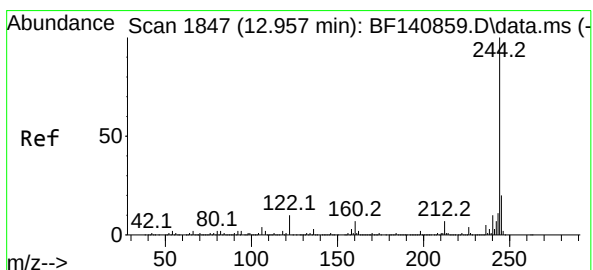
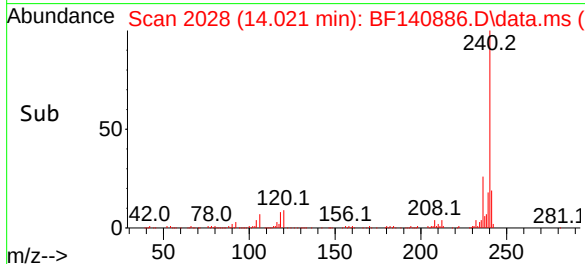
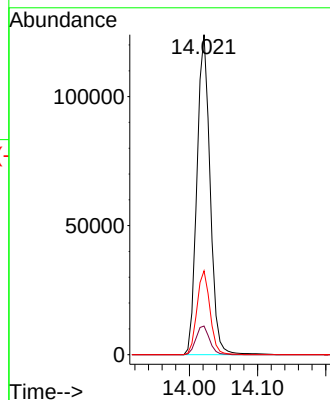
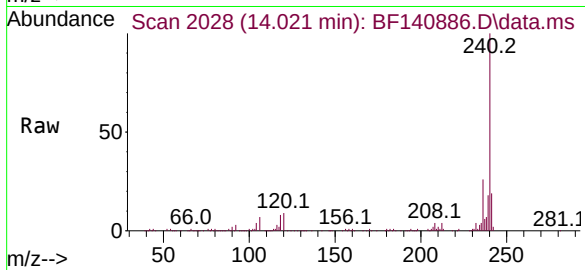
Tgt Ion:240 Resp: 165506

Ion Ratio Lower Upper

240 100

120 8.9 7.6 11.4

236 26.2 20.5 30.7



#79

Terphenyl-d14

Concen: 4.605 ng

RT: 12.951 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BF140886.D

Acq: 17 Dec 2024 15:38

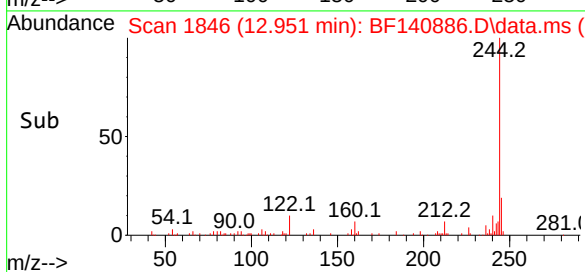
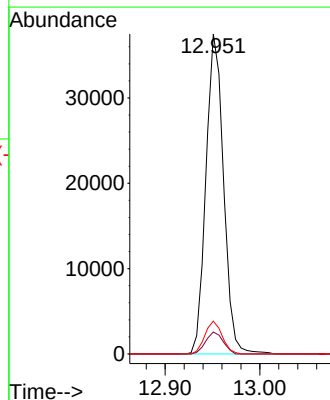
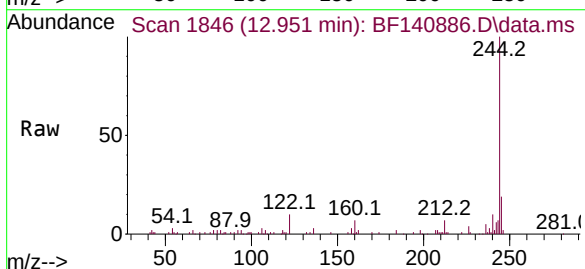
Tgt Ion:244 Resp: 48334

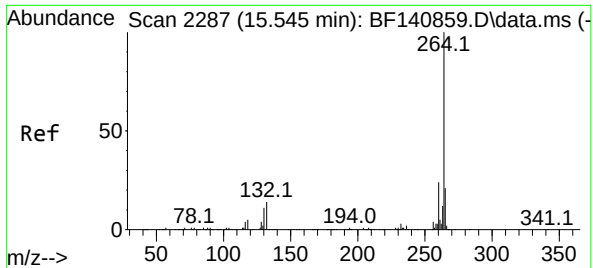
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.3 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF140886.D

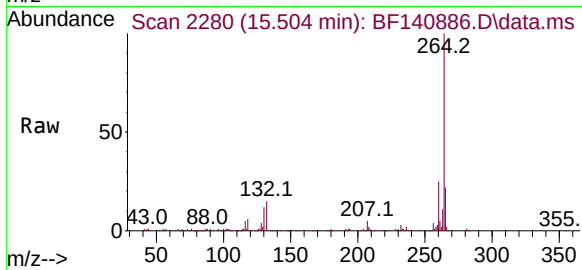
Acq: 17 Dec 2024 15:38

Instrument :

BNA_F

ClientSampleId :

MW14-20241212DL



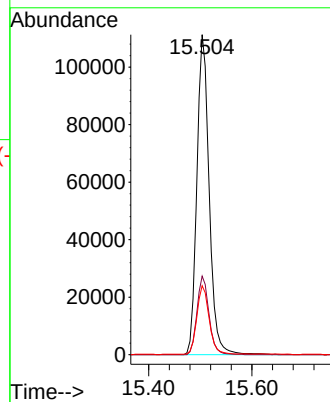
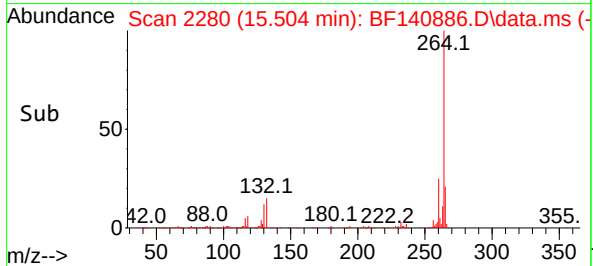
Tgt Ion:264 Resp: 183677

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 21.5 17.0 25.4



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW14-20241212DL2	SDG No.:	P5270
Lab Sample ID:	P5270-08DL2	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
BF140904.D	40	12/13/24 11:40	12/18/24 14:35	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	160	UD	160	400	ug/L
108-95-2	Phenol	37.2	UD	37.2	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	47.6	UDQ	47.6	200	ug/L
95-57-8	2-Chlorophenol	28.4	UD	28.4	200	ug/L
95-48-7	2-Methylphenol	45.2	UD	45.2	200	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	54.0	UDQ	54.0	200	ug/L
98-86-2	Acetophenone	44.0	UDQ	44.0	200	ug/L
65794-96-9	3+4-Methylphenols	46.0	UD	46.0	400	ug/L
621-64-7	n-Nitroso-di-n-propylamine	59.2	UD	59.2	100	ug/L
67-72-1	Hexachloroethane	40.4	UD	40.4	200	ug/L
98-95-3	Nitrobenzene	50.8	UD	50.8	200	ug/L
78-59-1	Isophorone	45.6	UDQ	45.6	200	ug/L
88-75-5	2-Nitrophenol	78.4	UD	78.4	200	ug/L
105-67-9	2,4-Dimethylphenol	60.4	UD	60.4	200	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.8	UD	40.8	200	ug/L
120-83-2	2,4-Dichlorophenol	35.2	UD	35.2	200	ug/L
91-20-3	Naphthalene	930	D	40.8	200	ug/L
106-47-8	4-Chloroaniline	52.0	UD	52.0	200	ug/L
87-68-3	Hexachlorobutadiene	50.8	UD	50.8	200	ug/L
105-60-2	Caprolactam	66.0	UD	66.0	400	ug/L
59-50-7	4-Chloro-3-methylphenol	33.6	UD	33.6	200	ug/L
91-57-6	2-Methylnaphthalene	180	JD	45.2	200	ug/L
77-47-4	Hexachlorocyclopentadiene	200	UD	200	400	ug/L
88-06-2	2,4,6-Trichlorophenol	35.6	UD	35.6	200	ug/L
95-95-4	2,4,5-Trichlorophenol	40.4	UD	40.4	200	ug/L
92-52-4	1,1-Biphenyl	36.4	UDQ	36.4	200	ug/L
91-58-7	2-Chloronaphthalene	38.8	UD	38.8	200	ug/L
88-74-4	2-Nitroaniline	56.4	UD	56.4	200	ug/L
131-11-3	Dimethylphthalate	37.2	UDQ	37.2	200	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW14-20241212DL2	SDG No.:	P5270
Lab Sample ID:	P5270-08DL2	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
BF140904.D	40	12/13/24 11:40	12/18/24 14:35	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	41.6	UDQ	41.6	200	ug/L
606-20-2	2,6-Dinitrotoluene	49.6	UD	49.6	200	ug/L
99-09-2	3-Nitroaniline	54.8	UD	54.8	200	ug/L
83-32-9	Acenaphthene	32.4	UD	32.4	200	ug/L
51-28-5	2,4-Dinitrophenol	260	UD	260	400	ug/L
100-02-7	4-Nitrophenol	80.0	UD	80.0	400	ug/L
132-64-9	Dibenzofuran	37.2	UD	37.2	200	ug/L
121-14-2	2,4-Dinitrotoluene	60.8	UD	60.8	200	ug/L
84-66-2	Diethylphthalate	41.6	UD	41.6	200	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39.2	UD	39.2	200	ug/L
86-73-7	Fluorene	38.4	UD	38.4	200	ug/L
100-01-6	4-Nitroaniline	81.6	UD	81.6	200	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	120	UD	120	400	ug/L
86-30-6	n-Nitrosodiphenylamine	35.6	UDQ	35.6	200	ug/L
101-55-3	4-Bromophenyl-phenylether	38.0	UDQ	38.0	200	ug/L
118-74-1	Hexachlorobenzene	45.6	UD	45.6	200	ug/L
1912-24-9	Atrazine	50.4	UDQ	50.4	200	ug/L
87-86-5	Pentachlorophenol	74.0	UD	74.0	400	ug/L
85-01-8	Phenanthrene	35.6	UD	35.6	200	ug/L
120-12-7	Anthracene	42.8	UDQ	42.8	200	ug/L
86-74-8	Carbazole	46.0	UD	46.0	200	ug/L
84-74-2	Di-n-butylphthalate	58.8	UDQ	58.8	200	ug/L
206-44-0	Fluoranthene	51.6	UD	51.6	200	ug/L
129-00-0	Pyrene	42.4	UDQ	42.4	200	ug/L
85-68-7	Butylbenzylphthalate	84.0	UDQ	84.0	200	ug/L
91-94-1	3,3-Dichlorobenzidine	51.2	UD	51.2	400	ug/L
56-55-3	Benzo(a)anthracene	37.6	UDQ	37.6	200	ug/L
218-01-9	Chrysene	34.4	UD	34.4	200	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	75.6	UDQ	75.6	200	ug/L
117-84-0	Di-n-octyl phthalate	100	UD	100	400	ug/L
205-99-2	Benzo(b)fluoranthene	45.6	UD	45.6	200	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW14-20241212DL2	SDG No.:	P5270
Lab Sample ID:	P5270-08DL2	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
BF140904.D	40	12/13/24 11:40	12/18/24 14:35	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	47.6	UD	47.6	200	ug/L
50-32-8	Benzo(a)pyrene	66.8	UD	66.8	200	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40.8	UDQ	40.8	200	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.0	UDQ	46.0	200	ug/L
191-24-2	Benzo(g,h,i)perylene	47.2	UD	47.2	200	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.6	UDQ	43.6	200	ug/L
123-91-1	1,4-Dioxane	50.0	UD	50.0	200	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	31.6	UD	31.6	200	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	16.2		10 - 139	11%	SPK: 150
13127-88-3	Phenol-d6	8.96	*	10 - 134	6%	SPK: 150
4165-60-0	Nitrobenzene-d5	31.8	*	49 - 133	32%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.0	*	52 - 132	44%	SPK: 100
118-79-6	2,4,6-Tribromophenol	48.1	*	44 - 137	32%	SPK: 150
1718-51-0	Terphenyl-d14	47.0	*	48 - 125	47%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	68700		6.846		
1146-65-2	Naphthalene-d8	283000		8.128		
15067-26-2	Acenaphthene-d10	161000		9.881		
1517-22-2	Phenanthrene-d10	302000		11.375		
1719-03-5	Chrysene-d12	177000		14.033		
1520-96-3	Perylene-d12	172000		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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140904.D
Acq On : 18 Dec 2024 14:35
Operator : RC/JU
Sample : P5270-08DL2 40X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW14-20241212DL2

Quant Time: Dec 18 15:09:05 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)

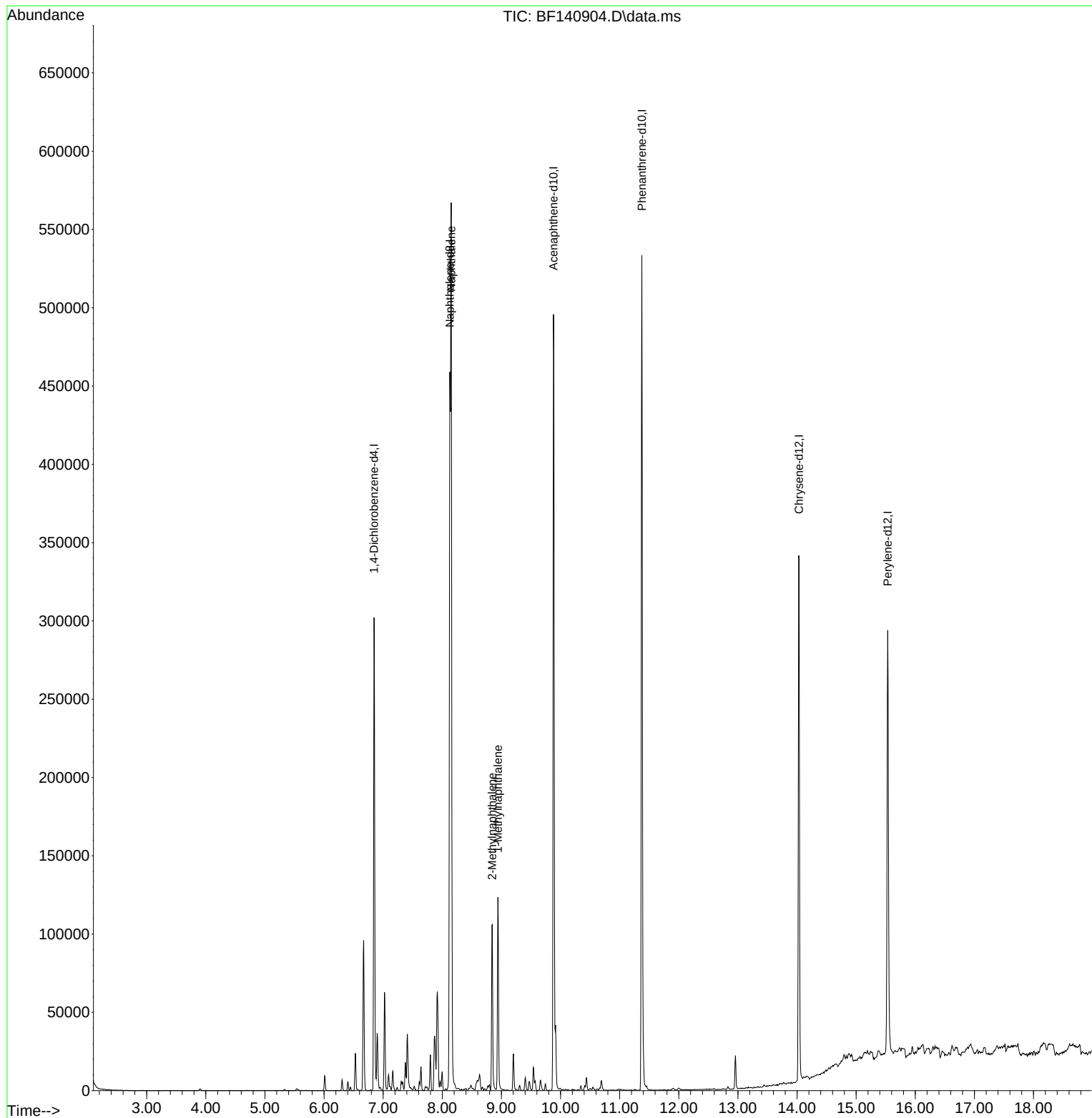
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	68663	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	282504	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	160863	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	301742	20.000	ng	0.00
76) Chrysene-d12	14.033	240	176940	20.000	ng	0.00
86) Perylene-d12	15.533	264	172046	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1690	0.405	ng	0.05
7) Phenol-d6	6.563	99	1238	0.224	ng	0.06
23) Nitrobenzene-d5	7.428	82	4495	0.796	ng	0.01
42) 2,4,6-Tribromophenol	10.692	330	2286	1.202	ng	0.01
45) 2-Fluorobiphenyl	9.204	172	12885	1.101	ng	0.00
79) Terphenyl-d14	12.957	244	13190	1.175	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.151	128	360692	23.243	ng	100
37) 2-Methylnaphthalene	8.845	142	46129	4.494	ng	99
38) 1-Methylnaphthalene	8.939	142	51275	5.051	ng	98

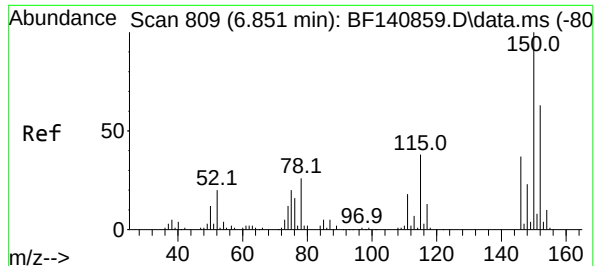
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140904.D
Acq On : 18 Dec 2024 14:35
Operator : RC/JU
Sample : P5270-08DL2 40X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW14-20241212DL2

Quant Time: Dec 18 15:09:05 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

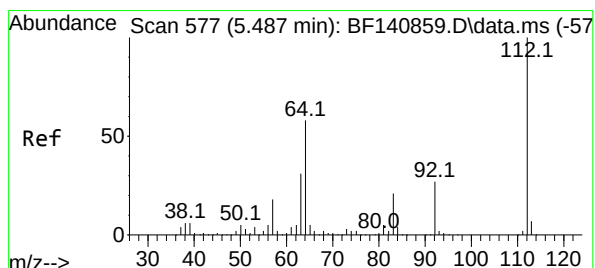
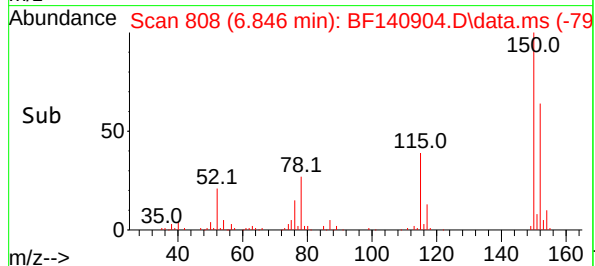
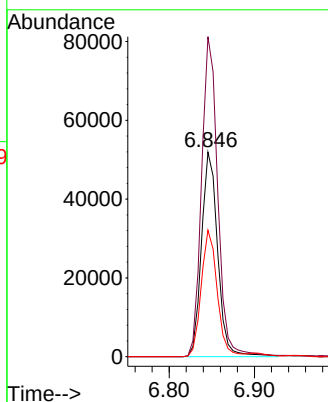
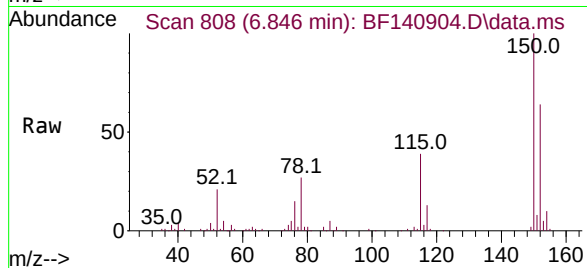




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF140904.D
Acq: 18 Dec 2024 14:35

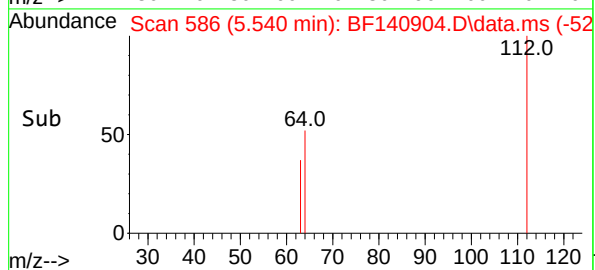
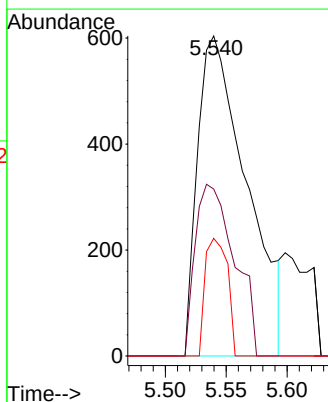
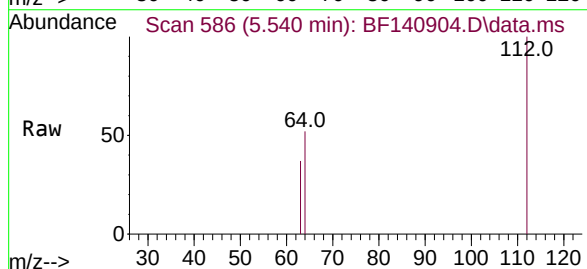
Instrument :
BNA_F
ClientSampleId :
MW14-20241212DL2

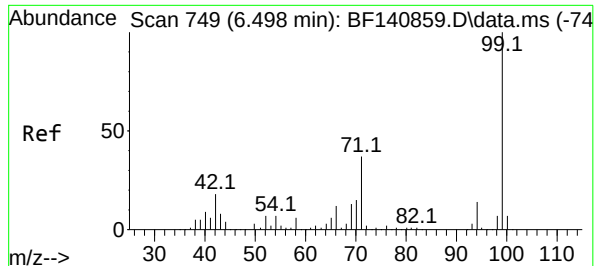
Tgt Ion:152 Resp: 68663
Ion Ratio Lower Upper
152 100
150 156.5 127.9 191.9
115 61.8 48.0 72.0



#5
2-Fluorophenol
Concen: 0.405 ng
RT: 5.540 min Scan# 586
Delta R.T. 0.053 min
Lab File: BF140904.D
Acq: 18 Dec 2024 14:35

Tgt Ion:112 Resp: 1690
Ion Ratio Lower Upper
112 100
64 52.2 46.1 69.1
63 36.8 24.9 37.3





#7

Phenol-d6

Concen: 0.224 ng

RT: 6.563 min Scan# 7

Delta R.T. 0.065 min

Lab File: BF140904.D

Acq: 18 Dec 2024 14:35

Instrument :

BNA_F

ClientSampleId :

MW14-20241212DL2

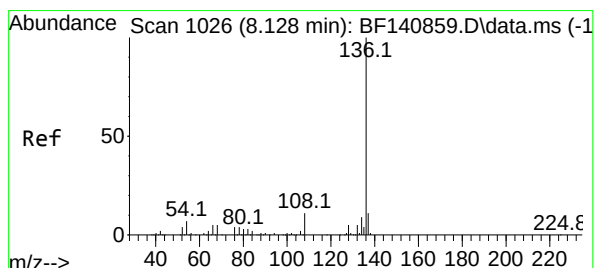
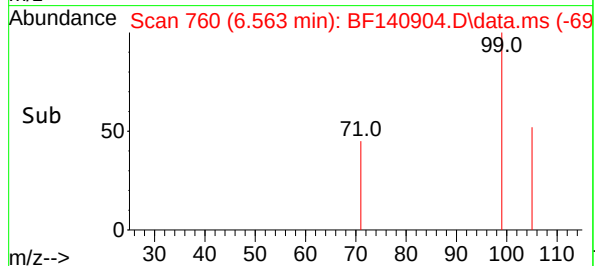
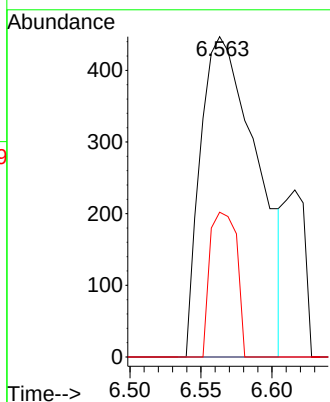
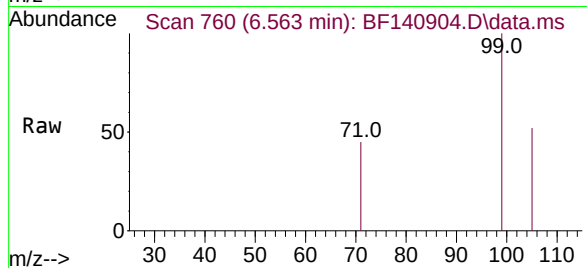
Tgt Ion: 99 Resp: 1238

Ion Ratio Lower Upper

99 100

42 0.0 14.3 21.5#

71 45.2 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: BF140904.D

Acq: 18 Dec 2024 14:35

Tgt Ion: 136 Resp: 282504

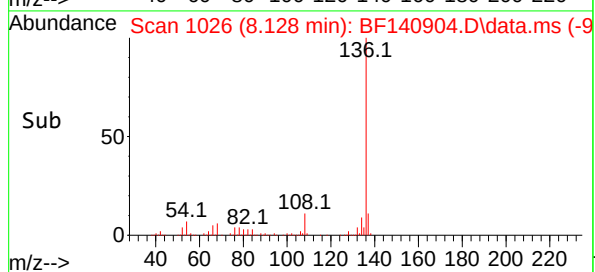
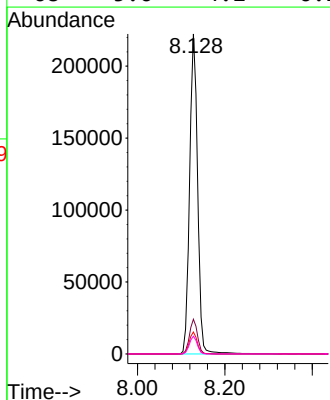
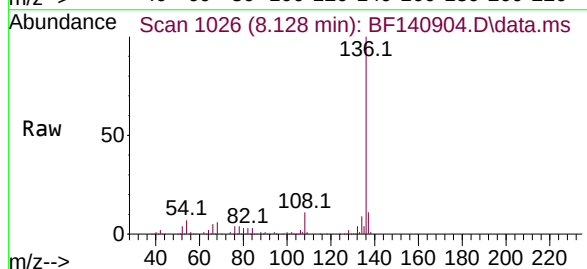
Ion Ratio Lower Upper

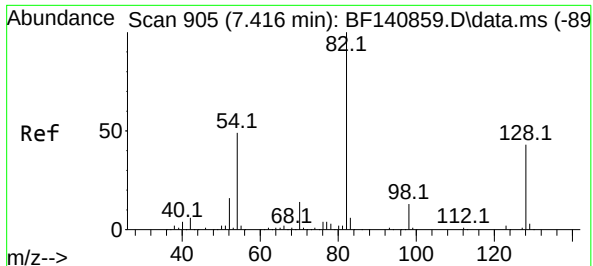
136 100

137 10.8 9.0 13.4

54 6.9 5.6 8.4

68 5.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 0.796 ng

RT: 7.428 min Scan# 90

Delta R.T. 0.012 min

Lab File: BF140904.D

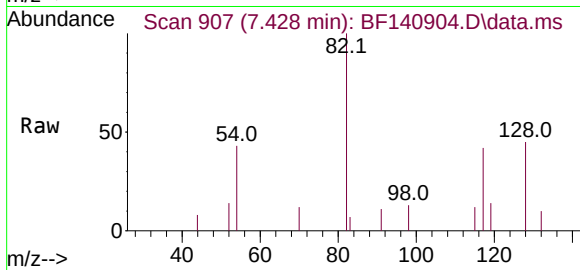
Acq: 18 Dec 2024 14:35

Instrument :

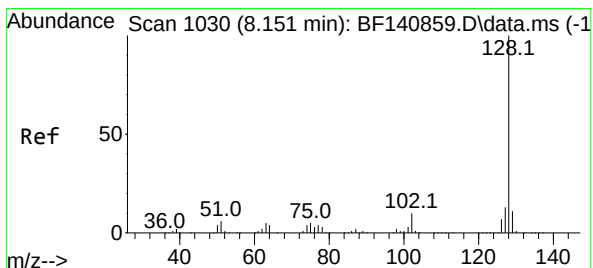
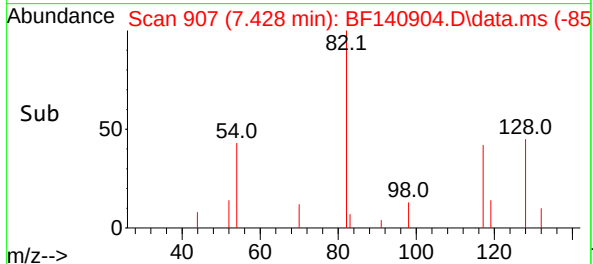
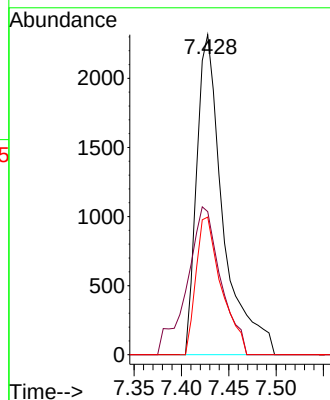
BNA_F

ClientSampleId :

MW14-20241212DL2



Tgt Ion:	82	Resp:	4495
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.4	51.6
54	43.0	38.8	58.2



#31

Naphthalene

Concen: 23.243 ng

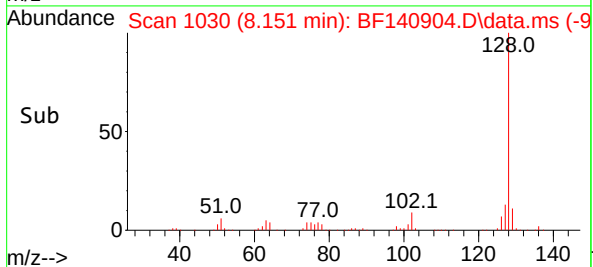
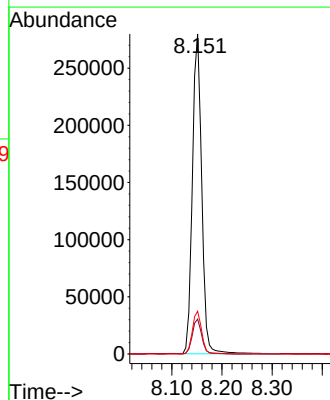
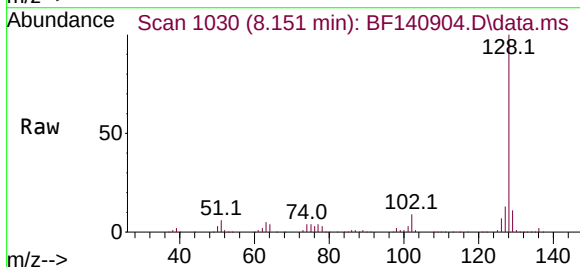
RT: 8.151 min Scan# 1030

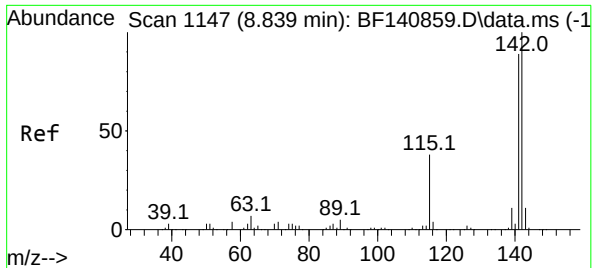
Delta R.T. -0.000 min

Lab File: BF140904.D

Acq: 18 Dec 2024 14:35

Tgt Ion:	128	Resp:	360692
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.3	10.6	16.0





#37

2-Methylnaphthalene

Concen: 4.494 ng

RT: 8.845 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF140904.D

Acq: 18 Dec 2024 14:35

Instrument :

BNA_F

ClientSampleId :

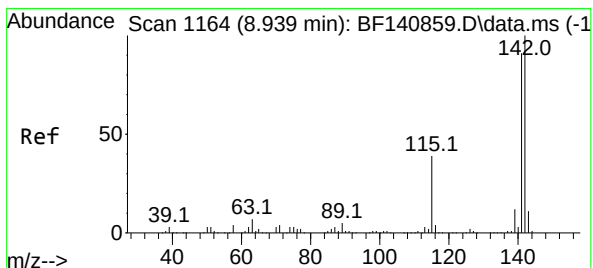
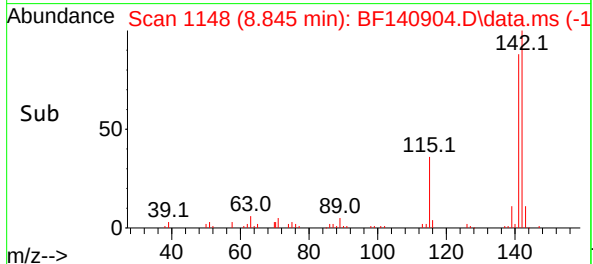
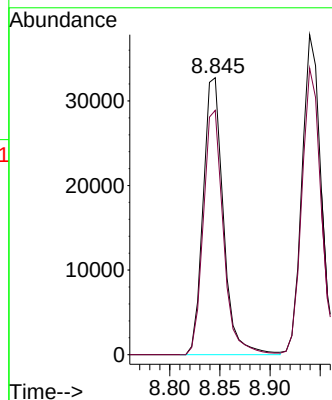
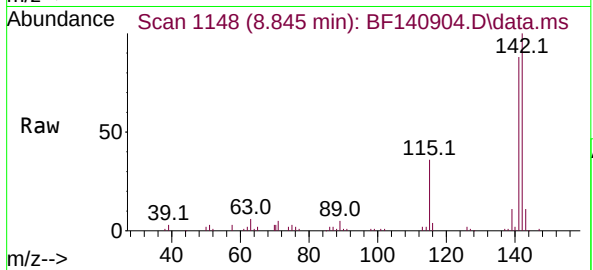
MW14-20241212DL2

Tgt Ion:142 Resp: 46129

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 5.051 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140904.D

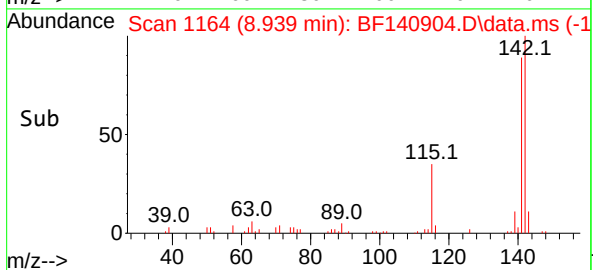
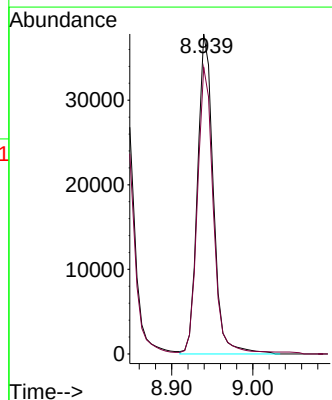
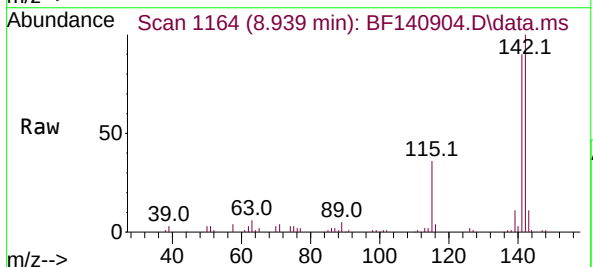
Acq: 18 Dec 2024 14:35

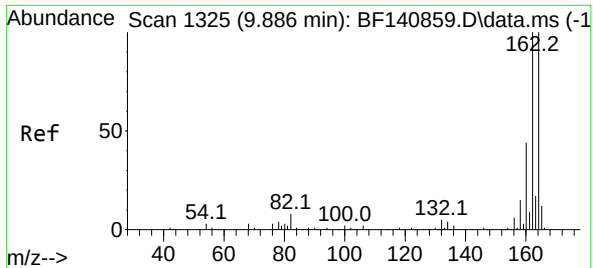
Tgt Ion:142 Resp: 51275

Ion Ratio Lower Upper

142 100

141 89.5 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: BF140904.D

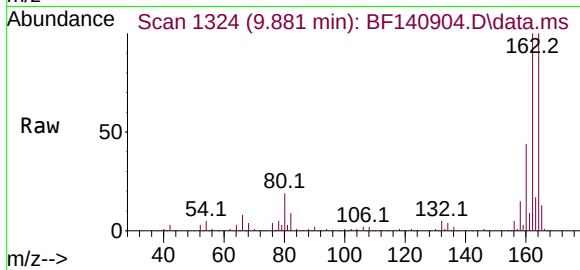
Acq: 18 Dec 2024 14:35

Instrument :

BNA_F

ClientSampleId :

MW14-20241212DL2



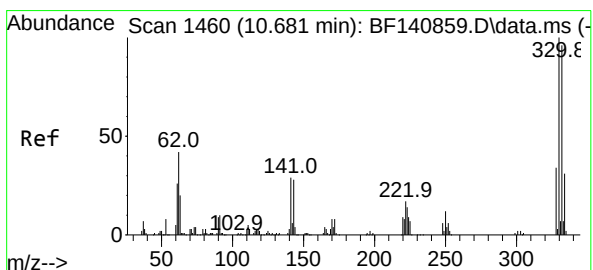
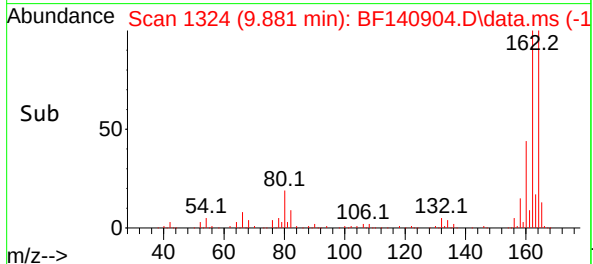
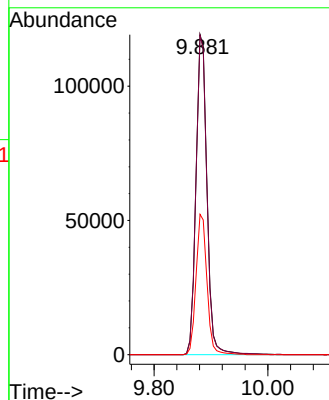
Tgt Ion:164 Resp: 160863

Ion Ratio Lower Upper

164 100

162 99.8 79.9 119.9

160 43.8 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 1.202 ng

RT: 10.692 min Scan# 1462

Delta R.T. 0.012 min

Lab File: BF140904.D

Acq: 18 Dec 2024 14:35

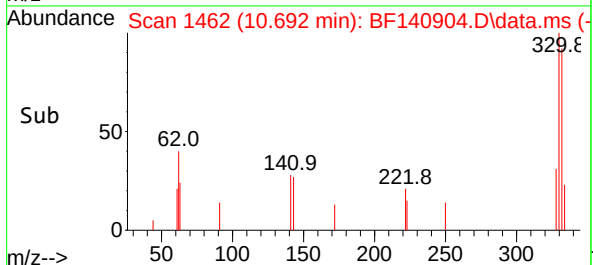
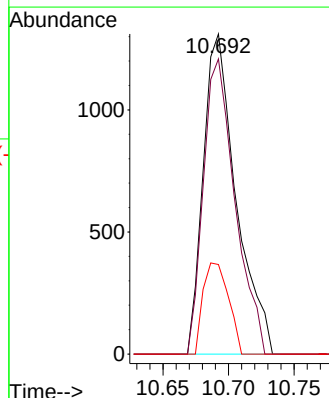
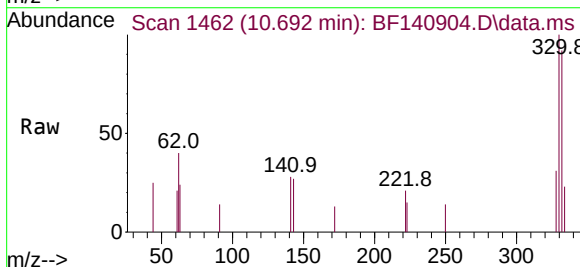
Tgt Ion:330 Resp: 2286

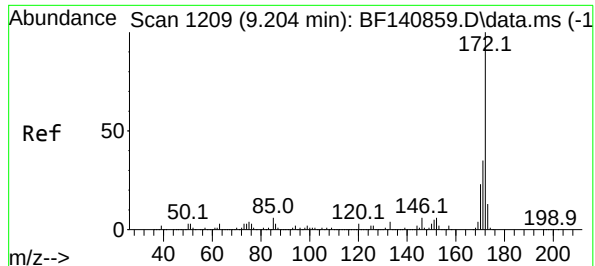
Ion Ratio Lower Upper

330 100

332 88.9 76.2 114.4

141 22.0 24.9 37.3#





#45

2-Fluorobiphenyl

Concen: 1.101 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140904.D

Acq: 18 Dec 2024 14:35

Instrument :

BNA_F

ClientSampleId :

MW14-20241212DL2

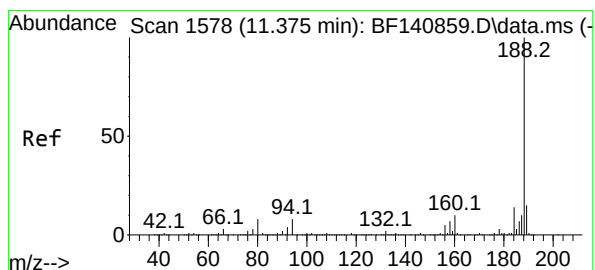
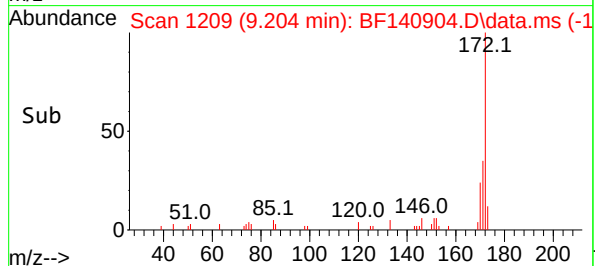
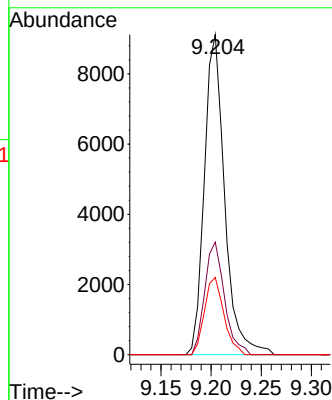
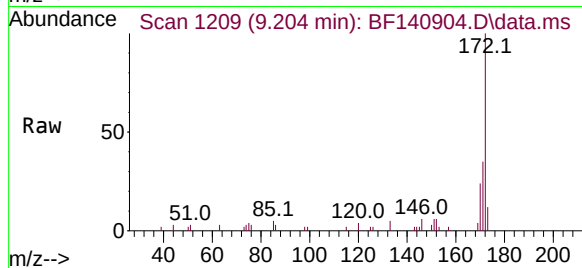
Tgt Ion:172 Resp: 12885

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 24.2 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: BF140904.D

Acq: 18 Dec 2024 14:35

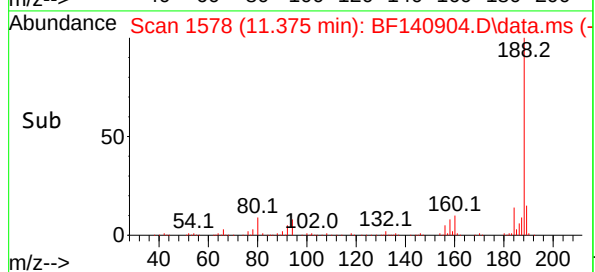
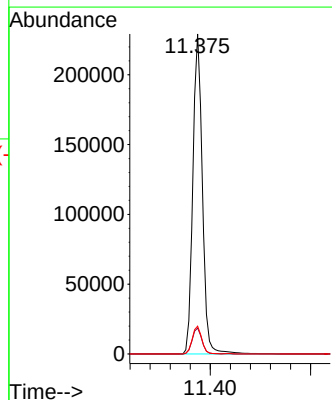
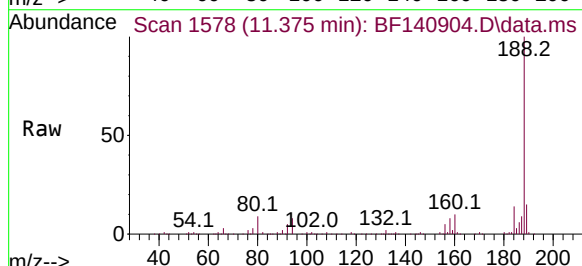
Tgt Ion:188 Resp: 301742

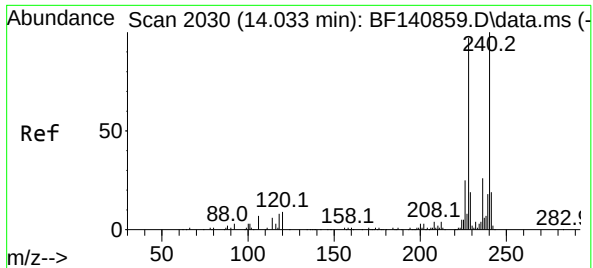
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.7 6.8 10.2

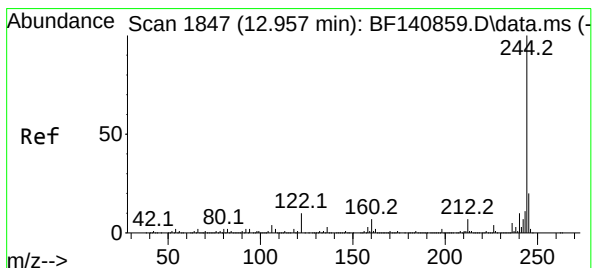
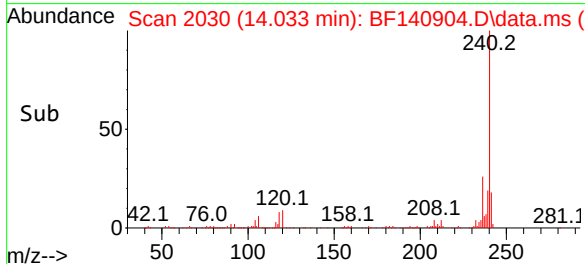
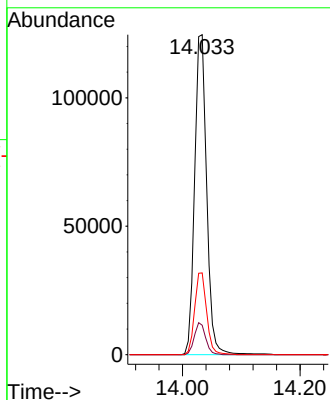
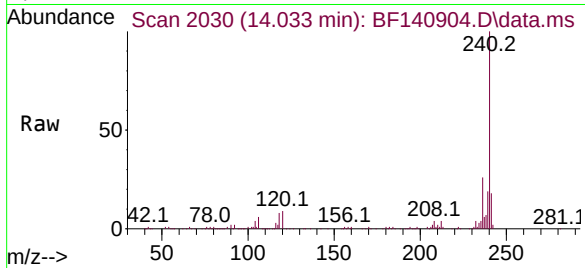




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF140904.D
Acq: 18 Dec 2024 14:35

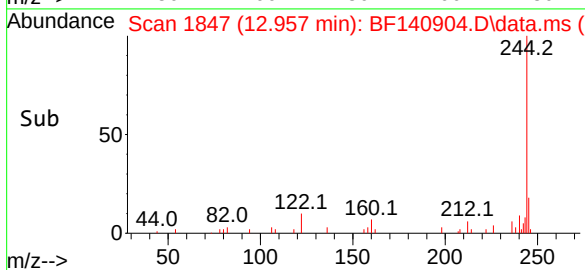
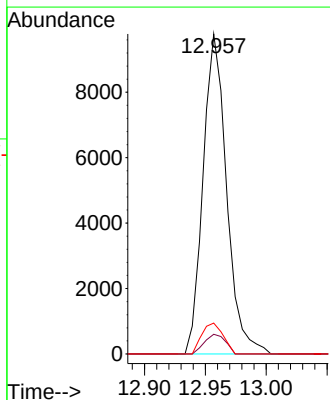
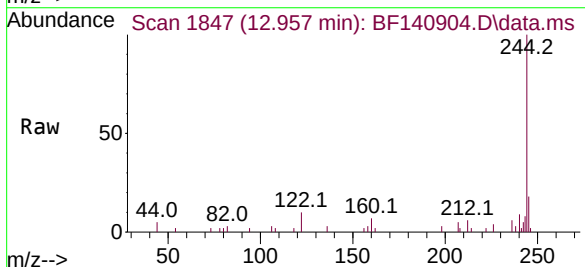
Instrument :
BNA_F
ClientSampleId :
MW14-20241212DL2

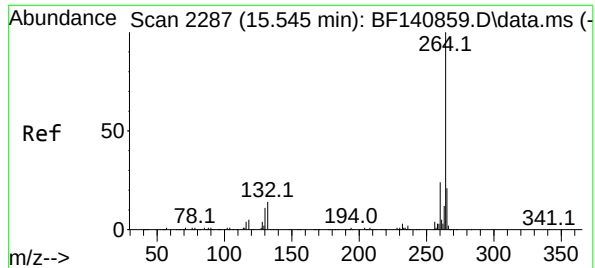
Tgt Ion:240 Resp: 176940
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 1.175 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BF140904.D
Acq: 18 Dec 2024 14:35

Tgt Ion:244 Resp: 13190
Ion Ratio Lower Upper
244 100
212 6.2 5.6 8.4
122 9.6 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140904.D

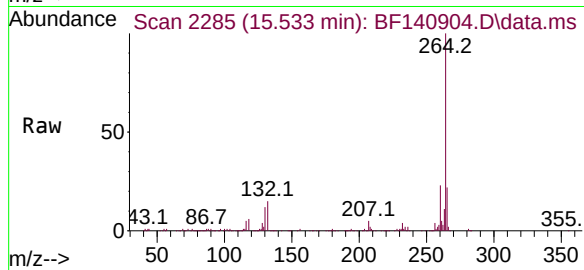
Acq: 18 Dec 2024 14:35

Instrument :

BNA_F

ClientSampleId :

MW14-20241212DL2



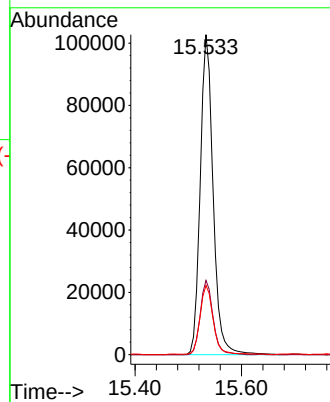
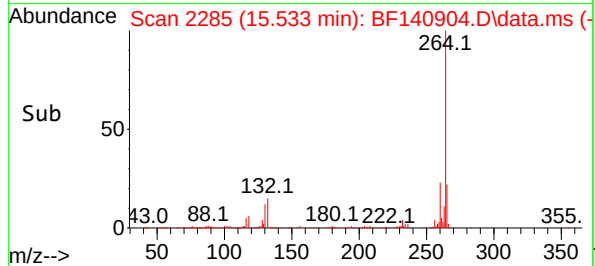
Tgt Ion:264 Resp: 172046

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.6 17.0 25.4





CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02
 Lab Code: CHEM Case No.: P5270 SAS No.: P5270 SDG No.: P5270
 Instrument ID: BNA_F Calibration Date(s): 11/21/2024 11/21/2024
 Calibration Time(s): 11:13 14:18

LAB FILE ID:		RRF2.5 = BF140528.D			RRF005 = BF140529.D		RRF010 = BF140530.D	
		RRF020 = BF140531.D			RRF040 = BF140532.D		RRF050 = BF140533.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.261	1.233	1.202	1.174	1.117	1.172	5.4
Benzaldehyde			1.007	0.970	0.738	0.752	0.820	19.6
Phenol-d6		1.729	1.617	1.559	1.602	1.465	1.550	7.1
Phenol		1.723	1.648	1.620	1.667	1.514	1.583	7.0
bis(2-Chloroethyl) ether		1.292	1.242	1.214	1.246	1.146	1.211	4.6
2-Chlorophenol		1.385	1.328	1.278	1.283	1.201	1.261	6.5
2-Methylphenol		1.121	1.034	1.033	1.042	0.956	1.010	6.7
2,2-oxybis(1-Chloropropane)		1.650	1.480	1.434	1.463	1.335	1.431	8.4
Acetophenone		0.536	0.511	0.494	0.481	0.463	0.488	5.7
3+4-Methylphenols		1.495	1.362	1.305	1.347	1.211	1.298	9.0
n-Nitroso-di-n-propylamine	0.972	1.002	0.949	0.916	0.946	0.856	0.916	6.8
Nitrobenzene-d5		0.409	0.403	0.395	0.392	0.377	0.391	3.2
Hexachloroethane		0.598	0.545	0.549	0.537	0.514	0.536	6.2
Nitrobenzene		0.439	0.409	0.409	0.401	0.388	0.404	4.3
Isophorone		0.694	0.654	0.657	0.662	0.629	0.652	3.4
2-Nitrophenol		0.178	0.172	0.185	0.180	0.178	0.179	2.2
2,4-Dimethylphenol		0.221	0.214	0.213	0.224	0.204	0.214	3.4
bis(2-Chloroethoxy) methane		0.428	0.408	0.403	0.397	0.378	0.397	4.4
2,4-Dichlorophenol		0.301	0.291	0.290	0.282	0.277	0.284	3.8
Naphthalene		1.116	1.075	1.062	1.013	0.993	1.030	5.3
4-Chloroaniline		0.308	0.318	0.309	0.325	0.303	0.308	3.7
Hexachlorobutadiene		0.227	0.225	0.219	0.212	0.209	0.215	4.2
Caprolactam		0.091	0.091	0.091	0.090	0.085	0.088	4.0
4-Chloro-3-methylphenol		0.348	0.318	0.317	0.327	0.307	0.318	5.0
2-Methylnaphthalene		0.724	0.680	0.669	0.650	0.623	0.654	6.1
Hexachlorocyclopentadiene			0.055	0.090	0.114	0.121	0.107	27.8
2,4,6-Trichlorophenol		0.384	0.358	0.375	0.366	0.364	0.367	2.5
2-Fluorobiphenyl		1.550	1.402	1.423	1.291	1.255	1.342	8.9
2,4,5-Trichlorophenol		0.402	0.396	0.410	0.404	0.390	0.399	1.8
1,1-Biphenyl		1.666	1.530	1.563	1.447	1.427	1.493	6.5
2-Chloronaphthalene		1.251	1.145	1.162	1.106	1.082	1.131	5.4
2-Nitroaniline		0.367	0.351	0.379	0.367	0.363	0.363	2.5
Dimethylphthalate		1.455	1.329	1.346	1.299	1.267	1.317	5.3
Acenaphthylene		1.890	1.765	1.808	1.662	1.628	1.710	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02
 Lab Code: CHEM Case No.: P5270 SAS No.: P5270 SDG No.: P5270
 Instrument ID: BNA_F Calibration Date(s): 11/21/2024 11/21/2024
 Calibration Time(s): 11:13 14:18

LAB FILE ID:		RRF2.5 = BF140528.D			RRF005 = BF140529.D		RRF010 = BF140530.D	
		RRF020 = BF140531.D			RRF040 = BF140532.D		RRF050 = BF140533.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.314	0.299	0.307	0.301	0.291	0.299	3.2
3-Nitroaniline		0.307	0.297	0.309	0.300	0.289	0.292	5.7
Acenaphthene		1.182	1.110	1.134	1.063	1.052	1.086	5.3
2,4-Dinitrophenol			0.057	0.089	0.140	0.145	0.122	32.7
4-Nitrophenol			0.160	0.195	0.207	0.212	0.199	10.3
Dibenzofuran		1.898	1.739	1.739	1.622	1.559	1.657	8.5
2,4-Dinitrotoluene		0.403	0.403	0.416	0.404	0.386	0.397	3.2
Diethylphthalate		1.495	1.375	1.393	1.311	1.292	1.338	6.7
4-Chlorophenyl-phenylether		0.739	0.682	0.685	0.639	0.619	0.653	7.9
Fluorene		1.509	1.409	1.399	1.295	1.263	1.330	8.4
4-Nitroaniline		0.307	0.301	0.315	0.312	0.310	0.306	2.7
4,6-Dinitro-2-methylphenol			0.073	0.090	0.110	0.110	0.102	16.7
n-Nitrosodiphenylamine		0.632	0.618	0.597	0.578	0.577	0.591	4.4
2,4,6-Tribromophenol		0.222	0.209	0.220	0.216	0.210	0.214	2.5
4-Bromophenyl-phenylether		0.218	0.215	0.206	0.200	0.200	0.206	3.8
Hexachlorobenzene		0.257	0.240	0.239	0.233	0.232	0.238	3.7
Atrazine		0.181	0.171	0.131	0.140	0.147	0.166	16.4
Pentachlorophenol			0.071	0.090	0.116	0.115	0.105	19.2
Phenanthrene		1.074	1.020	0.970	0.944	0.925	0.961	6.9
Anthracene		1.038	0.994	0.958	0.925	0.905	0.940	6.5
Carbazole		1.004	0.949	0.930	0.889	0.876	0.905	6.7
Di-n-butylphthalate		1.144	1.075	1.074	1.023	1.021	1.044	5.6
Fluoranthene		1.186	1.111	1.114	1.014	0.999	1.044	9.1
Pyrene		1.905	1.801	1.897	1.853	1.791	1.849	2.8
Terphenyl-d14		1.351	1.254	1.308	1.283	1.228	1.284	3.3
Butylbenzylphthalate		0.676	0.644	0.694	0.679	0.655	0.666	3.0
3,3-Dichlorobenzidine		0.375	0.383	0.393	0.413	0.406	0.397	4.0
Benzo (a) anthracene		1.409	1.319	1.379	1.286	1.295	1.324	4.3
Chrysene		1.354	1.263	1.218	1.201	1.137	1.211	6.5
Bis (2-ethylhexyl) phthalate		0.904	0.828	0.862	0.833	0.824	0.841	4.0
Di-n-octyl phthalate		1.198	1.133	1.147	1.132	1.147	1.150	2.3
Benzo (b) fluoranthene		1.347	1.256	1.380	1.186	1.248	1.256	6.4
Benzo (k) fluoranthene		1.243	1.236	1.059	1.101	1.022	1.099	9.3
Benzo (a) pyrene		1.062	1.050	1.063	1.007	0.998	1.021	3.8
Indeno (1,2,3-cd) pyrene		1.209	1.283	1.299	1.304	1.306	1.303	4.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5270 SAS No.: P5270 SDG No.: P5270

Instrument ID: BNA_F Calibration Date(s): 11/21/2024 11/21/2024

Calibration Time(s): 11:13 14:18

LAB FILE ID:		RRF2.5 = BF140528.D		RRF005 = BF140529.D		RRF010 = BF140530.D		
		RRF020 = BF140531.D		RRF040 = BF140532.D		RRF050 = BF140533.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo (a,h) anthracene		1.015	1.038	1.063	1.068	1.075	1.067	3.9
Benzo (g,h,i) perylene		1.033	1.090	1.078	1.085	1.094	1.089	3.5
1,2,4,5-Tetrachlorobenzene		0.635	0.604	0.606	0.563	0.561	0.586	5.0
1,4-Dioxane		0.501	0.502	0.576	0.489	0.452	0.493	8.5
2,3,4,6-Tetrachlorophenol		0.307	0.296	0.308	0.312	0.305	0.306	1.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF112124.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Nov 21 15:23:48 2024
 Response Via : Initial Calibration

Calibration Files

2.5 =BF140528.D 5 =BF140529.D 10 =BF140530.D 20 =BF140531.D 40 =BF140532.D 50 =BF140533.D 60 =BF140534.D 80 =BF140535.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.501	0.502	0.576	0.489	0.452	0.454	0.477	0.493		8.46
3)	Pyridine	0.981	1.019	1.121	1.192	1.062	1.087	1.128	1.084		6.54
4)	n-Nitrosodimet...	0.616	0.611	0.661	0.648	0.632	0.632	0.660	0.637		3.15
5) S	2-Fluorophenol	1.261	1.233	1.202	1.174	1.117	1.127	1.091	1.172		5.40
6)	Aniline	1.159	1.195	1.133	1.251	1.042	1.020	0.835	1.091		12.73
7) S	Phenol-d6	1.729	1.617	1.559	1.602	1.465	1.470	1.407	1.550		7.14
8)	2-Chlorophenol	1.385	1.328	1.278	1.283	1.201	1.208	1.145	1.261		6.51
9)	Benzaldehyde		1.007	0.970	0.738	0.752	0.635		0.820		19.55
10) C	Phenol	1.723	1.648	1.620	1.667	1.514	1.490	1.417	1.583		6.98
11)	bis(2-Chloroet...	1.292	1.242	1.214	1.246	1.146	1.200	1.138	1.211		4.56
12)	1,3-Dichlorobe...	1.600	1.493	1.433	1.399	1.345	1.361	1.288	1.417		7.31
13) C	1,4-Dichlorobe...	1.613	1.501	1.456	1.428	1.358	1.372	1.314	1.435		7.04
14)	1,2-Dichlorobe...	1.503	1.434	1.375	1.355	1.268	1.266	1.210	1.344		7.71
15)	Benzyl Alcohol	1.234	1.174	1.161	1.224	1.113	1.090	1.048	1.149		5.98
16)	2,2'-oxybis(1-...	1.650	1.480	1.434	1.463	1.335	1.377	1.276	1.431		8.43
17)	2-Methylphenol	1.121	1.034	1.033	1.042	0.956	0.959	0.922	1.009		6.74
18)	Hexachloroethane	0.598	0.545	0.549	0.537	0.514	0.510	0.499	0.536		6.17
19) P	n-Nitroso-di-n...	0.972	1.002	0.949	0.916	0.946	0.856	0.857	0.829	0.916	6.82
20)	3+4-Methylphenols	1.495	1.362	1.305	1.347	1.211	1.209	1.154	1.298		8.98
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.536	0.511	0.494	0.481	0.463	0.460	0.468	0.488		5.75
23) S	Nitrobenzene-d5	0.409	0.403	0.395	0.392	0.377	0.377	0.383	0.391		3.21
24)	Nitrobenzene	0.439	0.409	0.409	0.401	0.388	0.391	0.392	0.404		4.35
25)	Isophorone	0.694	0.654	0.657	0.662	0.629	0.634	0.635	0.652		3.44
26) C	2-Nitrophenol	0.178	0.172	0.185	0.180	0.178	0.180	0.180	0.179		2.17
27)	2,4-Dimethylph...	0.221	0.214	0.213	0.224	0.204	0.207	0.218	0.214		3.40
28)	bis(2-Chloroet...	0.428	0.408	0.403	0.397	0.378	0.384	0.383	0.397		4.37
29) C	2,4-Dichloroph...	0.301	0.291	0.290	0.282	0.277	0.274	0.271	0.284		3.82
30)	1,2,4-Trichlor...	0.342	0.338	0.332	0.317	0.317	0.312	0.312	0.324		3.91
31)	Naphthalene	1.116	1.075	1.062	1.013	0.993	0.983	0.970	1.030		5.32
32)	Benzoic acid		0.101	0.126	0.177	0.185	0.192	0.202	0.164		24.72
33)	4-Chloroaniline	0.308	0.318	0.309	0.325	0.303	0.308	0.289	0.308		3.71
34) C	Hexachlorobuta...	0.227	0.225	0.219	0.212	0.209	0.207	0.204	0.215		4.15
35)	Caprolactam	0.091	0.091	0.091	0.090	0.085	0.085	0.083	0.088		3.99
36) C	4-Chloro-3-met...	0.348	0.318	0.317	0.327	0.307	0.307	0.301	0.318		4.95
37)	2-Methylnaphth...	0.724	0.680	0.669	0.650	0.623	0.620	0.615	0.654		6.09
38)	1-Methylnaphth...	0.707	0.665	0.659	0.638	0.611	0.608	0.601	0.641		5.98

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF112124.M

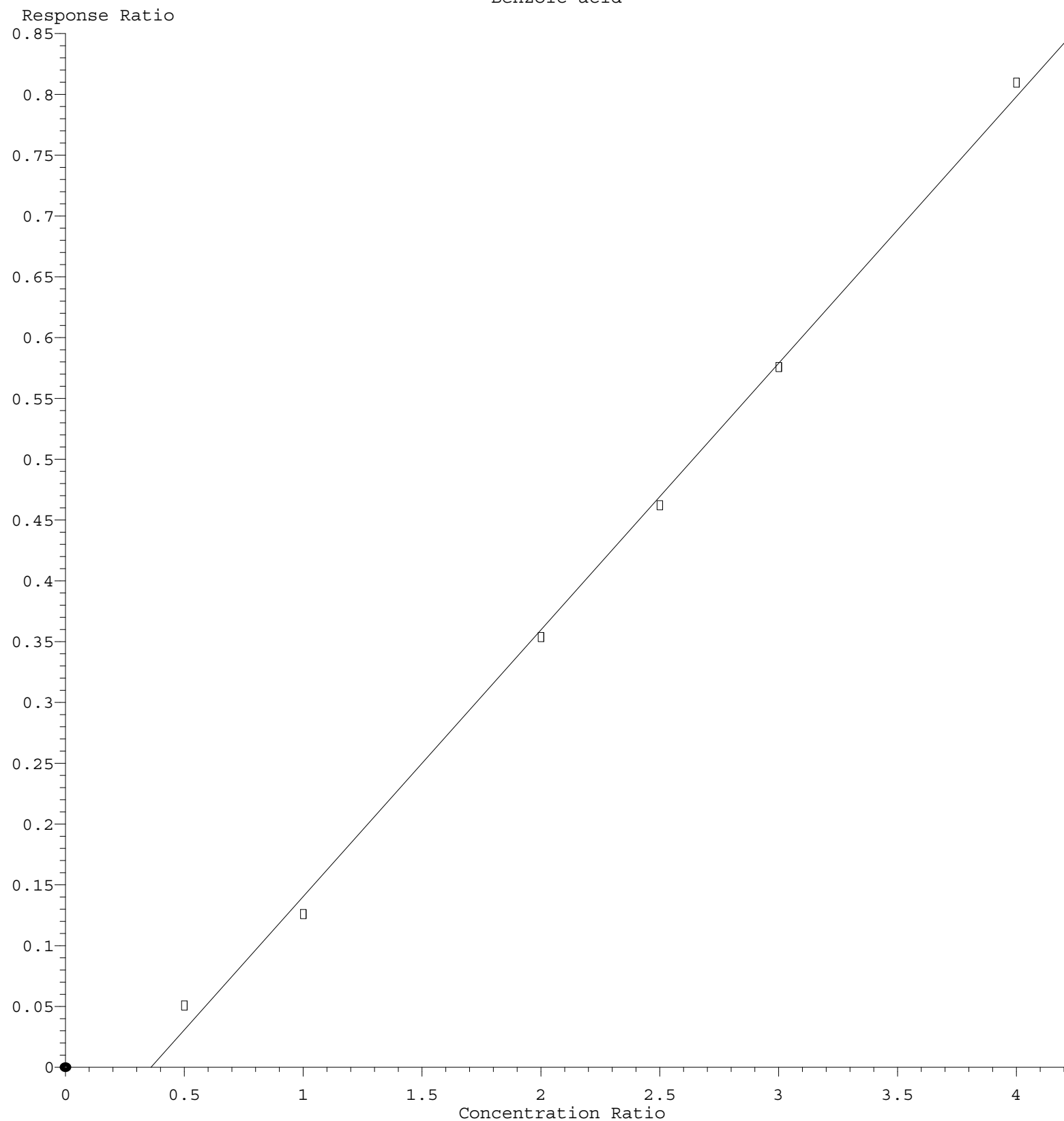
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.635	0.604	0.606	0.563	0.561	0.565	0.565	0.586	5.02	
41) P	Hexachlorocycl...	0.055	0.090	0.114	0.121	0.129	0.133	0.107	27.80		
42) S	2,4,6-Tribromo...	0.222	0.209	0.220	0.216	0.210	0.210	0.211	0.214	2.52	
43) C	2,4,6-Trichlor...	0.384	0.358	0.375	0.366	0.364	0.360	0.365	0.367	2.45	
44)	2,4,5-Trichlor...	0.402	0.396	0.410	0.404	0.390	0.397	0.392	0.399	1.80	
45) S	2-Fluorobiphenyl	1.550	1.402	1.423	1.291	1.255	1.240	1.235	1.342	8.90	
46)	1,1'-Biphenyl	1.666	1.530	1.563	1.447	1.427	1.418	1.403	1.493	6.50	
47)	2-Chloronaphth...	1.251	1.145	1.162	1.106	1.082	1.084	1.091	1.131	5.39	
48)	2-Nitroaniline	0.367	0.351	0.379	0.367	0.363	0.357	0.359	0.363	2.50	
49)	Acenaphthylene	1.890	1.765	1.808	1.662	1.628	1.623	1.590	1.710	6.58	
50)	Dimethylphthalate	1.455	1.329	1.346	1.299	1.267	1.270	1.254	1.317	5.28	
51)	2,6-Dinitrotol...	0.314	0.299	0.307	0.301	0.291	0.293	0.286	0.299	3.24	
52) C	Acenaphthene	1.182	1.110	1.134	1.063	1.052	1.037	1.026	1.086	5.29	
53)	3-Nitroaniline	0.307	0.297	0.309	0.300	0.289	0.281	0.262	0.292	5.71	
54) P	2,4-Dinitrophenol	0.057	0.089	0.140	0.145	0.150	0.154	0.122	32.70		
55)	Dibenzofuran	1.898	1.739	1.739	1.622	1.559	1.531	1.509	1.657	8.53	
56) P	4-Nitrophenol	0.160	0.195	0.207	0.212	0.214	0.208	0.199	10.31		
57)	2,4-Dinitrotol...	0.403	0.403	0.416	0.404	0.386	0.389	0.379	0.397	3.24	
58)	Fluorene	1.509	1.409	1.399	1.295	1.263	1.224	1.210	1.330	8.37	
59)	2,3,4,6-Tetrac...	0.307	0.296	0.308	0.312	0.305	0.305	0.312	0.306	1.72	
60)	Diethylphthalate	1.495	1.375	1.393	1.311	1.292	1.268	1.234	1.338	6.66	
61)	4-Chlorophenyl...	0.739	0.682	0.685	0.639	0.619	0.605	0.599	0.653	7.90	
62)	4-Nitroaniline	0.307	0.301	0.315	0.312	0.310	0.309	0.291	0.306	2.67	
63)	Azobenzene	1.406	1.320	1.320	1.235	1.205	1.206	1.179	1.267	6.55	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.073	0.090	0.110	0.110	0.117	0.113	0.102	16.74		
66) c	n-Nitrosodiphe...	0.632	0.618	0.597	0.578	0.577	0.580	0.558	0.591	4.39	
67)	4-Bromophenyl-...	0.218	0.215	0.206	0.200	0.200	0.205	0.198	0.206	3.79	
68)	Hexachlorobenzene	0.257	0.240	0.239	0.233	0.232	0.236	0.232	0.238	3.65	
69)	Atrazine	0.181	0.171	0.131	0.140	0.147	0.196	0.198	0.166	16.37	
70) C	Pentachlorophenol	0.071	0.090	0.116	0.115	0.121	0.118	0.105	19.24		
71)	Phenanthrene	1.074	1.020	0.970	0.944	0.925	0.916	0.881	0.961	6.87	
72)	Anthracene	1.038	0.994	0.958	0.925	0.905	0.904	0.859	0.940	6.47	
73)	Carbazole	1.004	0.949	0.930	0.889	0.876	0.862	0.821	0.905	6.75	
74)	Di-n-butylphth...	1.144	1.075	1.074	1.023	1.021	1.007	0.967	1.044	5.56	
75) C	Fluoranthene	1.186	1.111	1.114	1.014	0.999	0.962	0.921	1.044	9.11	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.268	0.422	0.296	0.575	0.734	1.025	0.751	0.581	47.31	
78)	Pyrene	1.905	1.801	1.897	1.853	1.791	1.898	1.799	1.849	2.79	
79) S	Terphenyl-d14	1.351	1.254	1.308	1.283	1.228	1.313	1.254	1.284	3.31	
80)	Butylbenzylphth...	0.676	0.644	0.694	0.679	0.655	0.674	0.641	0.666	2.96	
81)	Benzo(a)anthra...	1.409	1.319	1.379	1.286	1.295	1.338	1.242	1.324	4.30	
82)	3,3'-Dichlorob...	0.375	0.383	0.393	0.413	0.406	0.419	0.394	0.397	4.03	
83)	Chrysene	1.354	1.263	1.218	1.201	1.137	1.173	1.128	1.211	6.50	
84)	Bis(2-ethylhex...	0.904	0.828	0.862	0.833	0.824	0.841	0.797	0.841	4.00	
85) c	Di-n-octyl pht...	1.198	1.133	1.147	1.132	1.147	1.169	1.121	1.150	2.29	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF112124.M

86) I	Perylene-d12	-----ISTD-----	
87)	Indeno(1,2,3-c...	1.209 1.283 1.299 1.304 1.306 1.409 1.313 1.303	4.51
88)	Benzo(b)fluora...	1.347 1.256 1.380 1.186 1.248 1.207 1.168 1.256	6.41
89)	Benzo(k)fluora...	1.243 1.236 1.059 1.101 1.022 1.055 0.980 1.099	9.34
90) C	Benzo(a)pyrene	1.062 1.050 1.063 1.007 0.998 1.014 0.957 1.021	3.81
91)	Dibenzo(a,h)an...	1.015 1.038 1.063 1.068 1.075 1.149 1.064 1.067	3.90
92)	Benzo(g,h,i)pe...	1.033 1.090 1.078 1.085 1.094 1.161 1.083 1.089	3.48

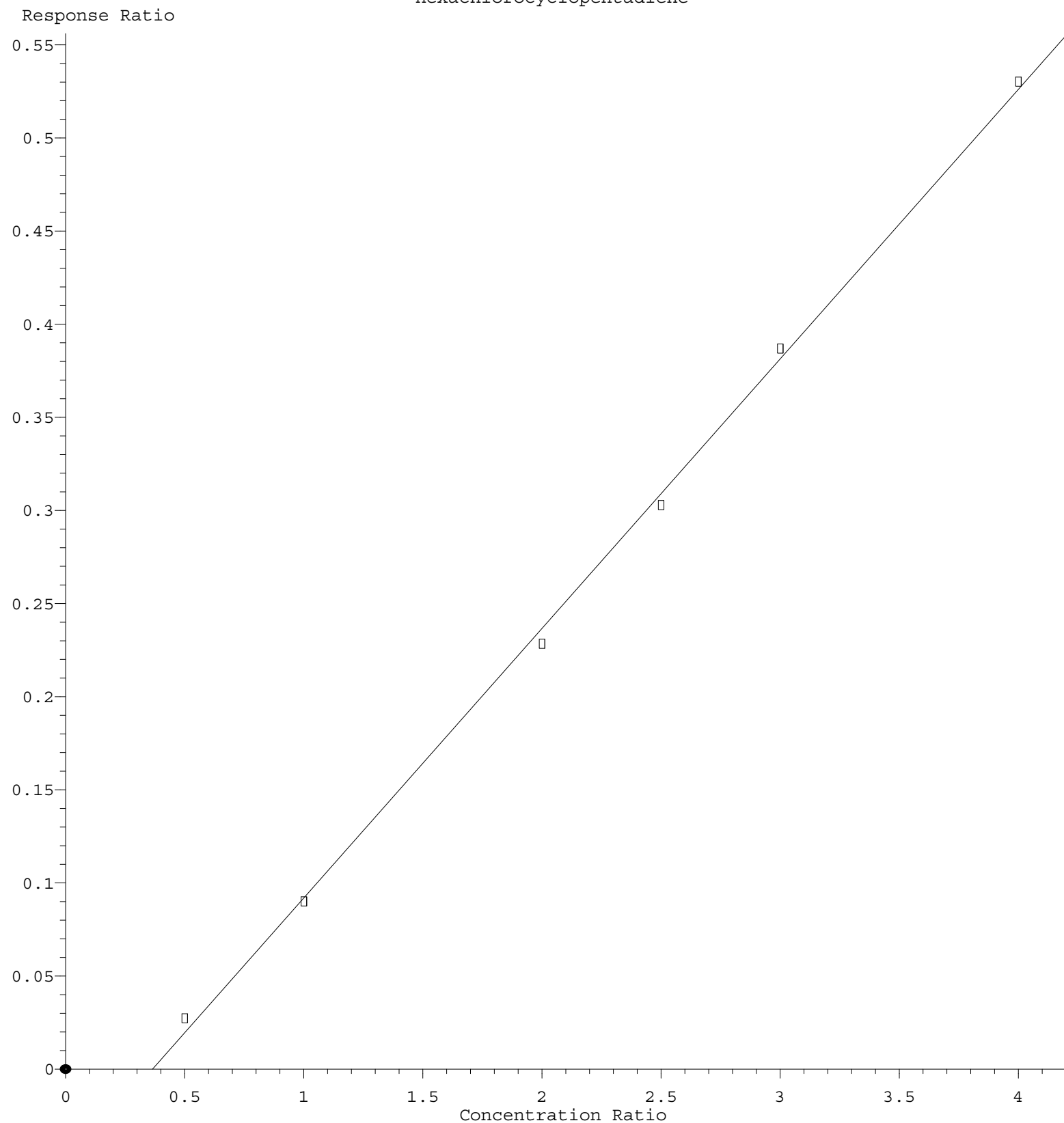
(#) = Out of Range

Benzoic acid



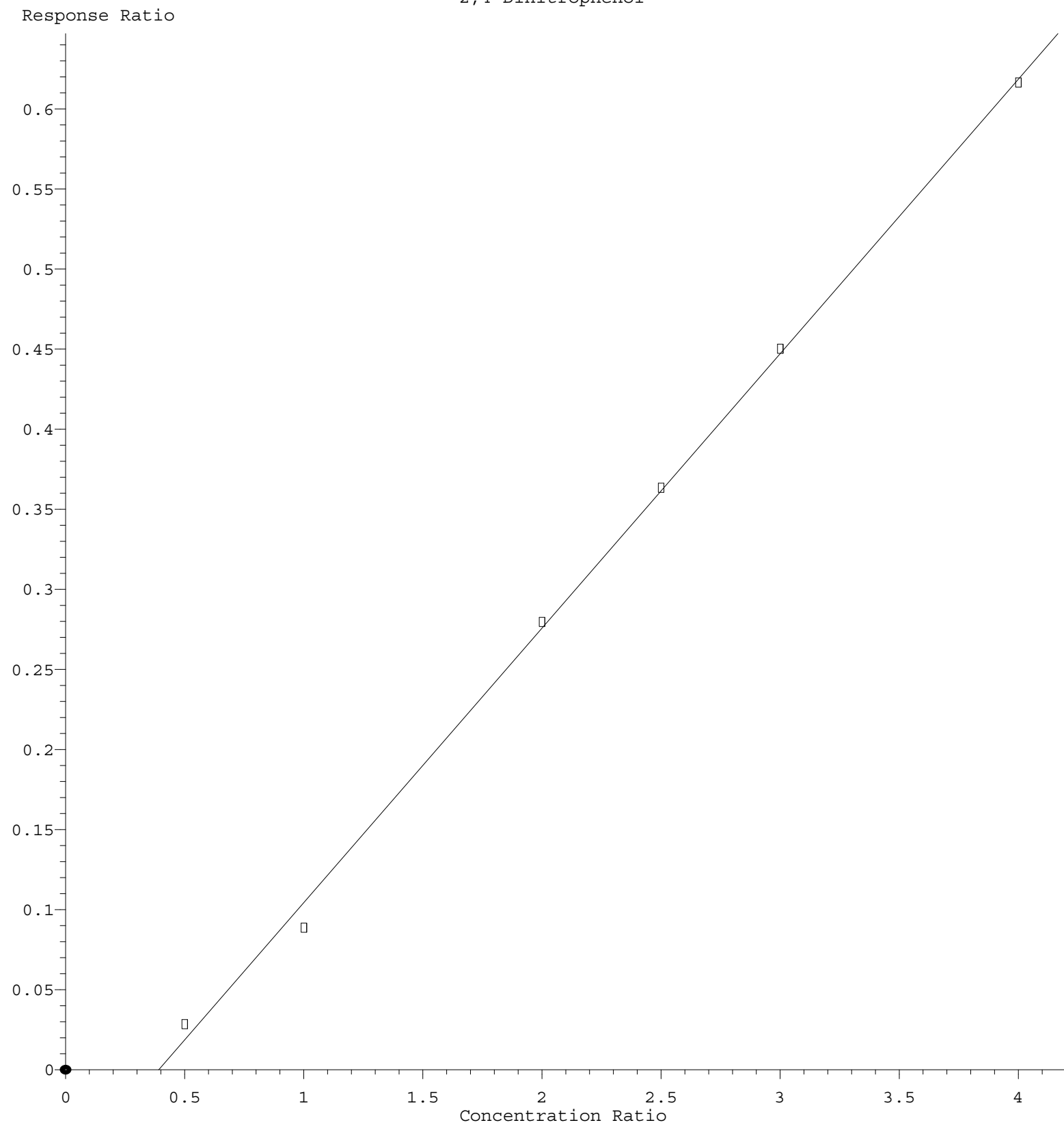
$\text{Response} = 2.193\text{e-}001 * \text{Amt} - 7.887\text{e-}002$
 Coef of Det (r^2) = 0.997922 Curve Fit: Linear
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF112124.M
 Calibration Table Last Updated: Thu Nov 21 15:23:48 2024

Hexachlorocyclopentadiene



Response = $1.448 \times 10^{-1} \times \text{Amt} - 5.280 \times 10^{-2}$
Coef of Det (r^2) = 0.998763 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF112124.M
Calibration Table Last Updated: Thu Nov 21 15:23:48 2024

2,4-Dinitrophenol



$$\text{Response} = 1.715\text{e-}001 * \text{Amt} - 6.708\text{e-}002$$

Coef of Det (r^2) = 0.998475 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF112124.M

Calibration Table Last Updated: Thu Nov 21 15:23:48 2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140528.D
Acq On : 21 Nov 2024 11:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 21 15:08:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration

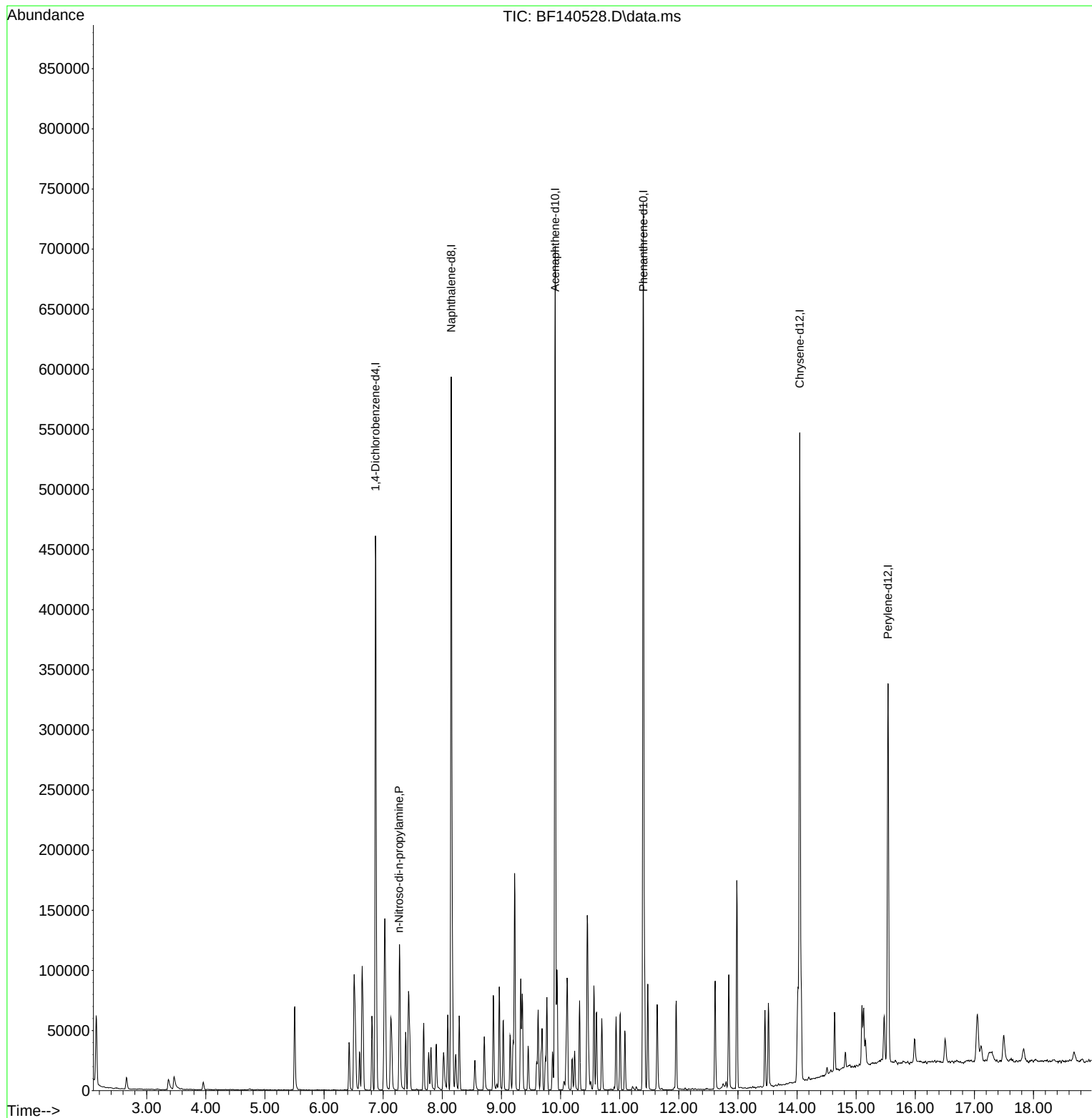
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	98970	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	372671	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	211504	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	393771	20.000	ng	0.00
76) Chrysene-d12	14.045	240	232997	20.000	ng	0.00
86) Perylene-d12	15.539	264	178104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	12029	2.654	ng	98

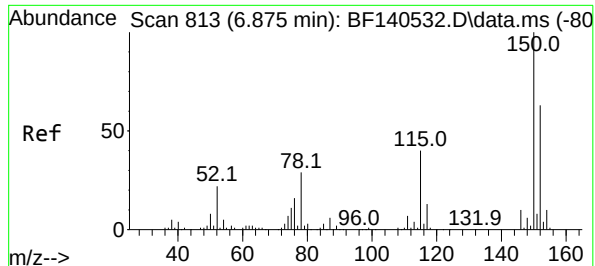
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140528.D
Acq On : 21 Nov 2024 11:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 21 15:08:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.869 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140528.D

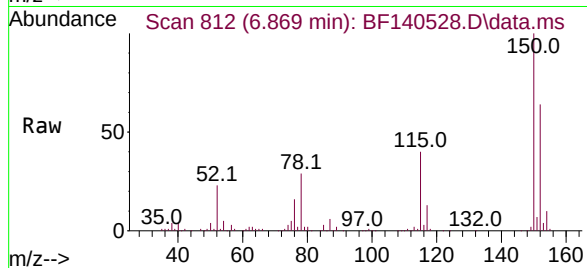
Acq: 21 Nov 2024 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



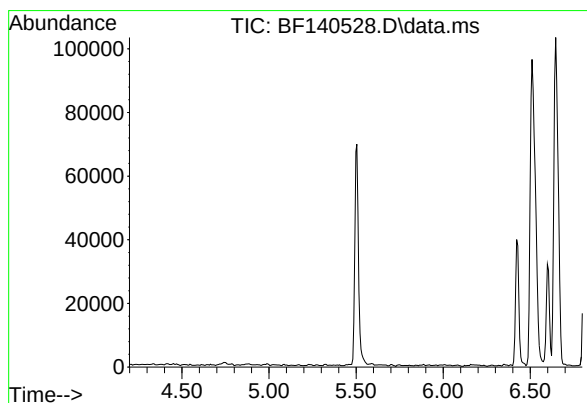
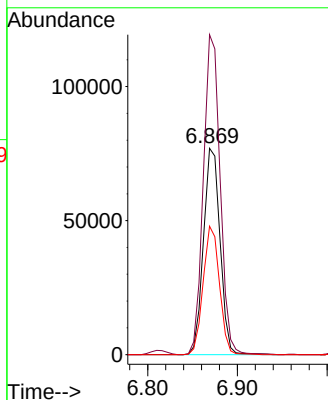
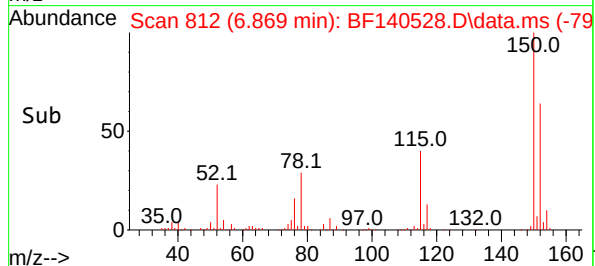
Tgt Ion:152 Resp: 98970

Ion Ratio Lower Upper

152 100

150 155.1 128.5 192.7

115 62.3 50.2 75.4



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.50 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

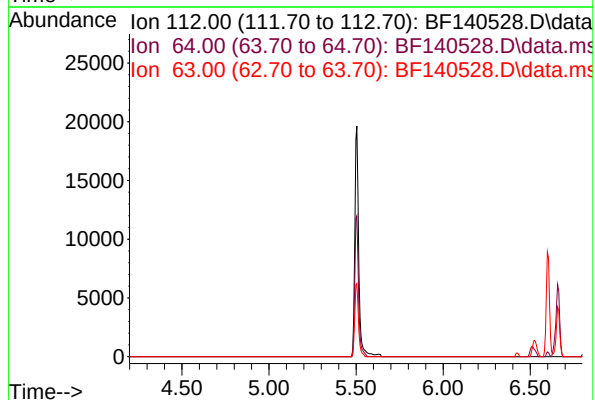
Tgt Ion: 112

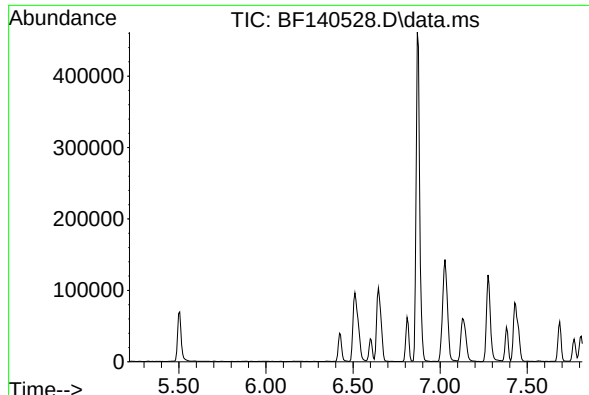
Sig Exp Ratio

112 100

64 61.5

63 33.7





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.52 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

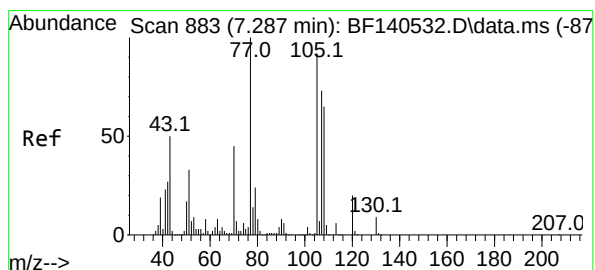
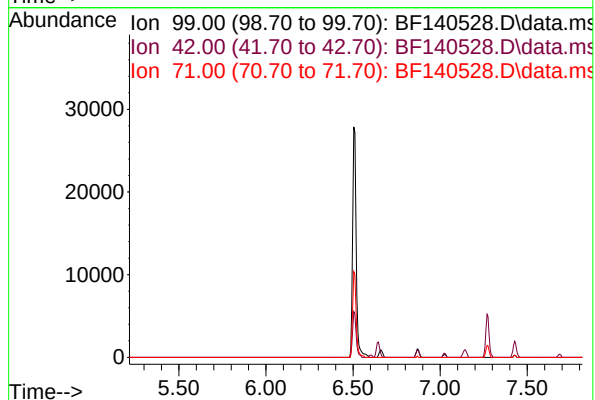
Tgt Ion: 99

Sig Exp Ratio

99 100

42 19.2

71 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.654 ng

RT: 7.269 min Scan# 880

Delta R.T. -0.018 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

Tgt Ion: 70 Resp: 12029

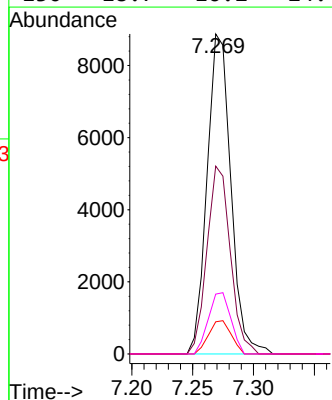
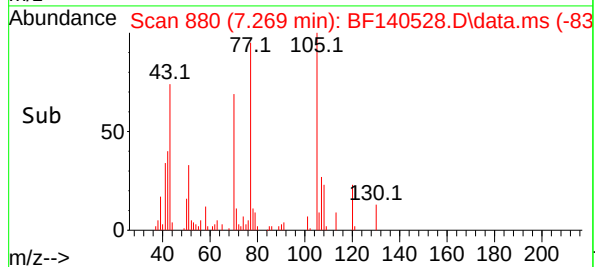
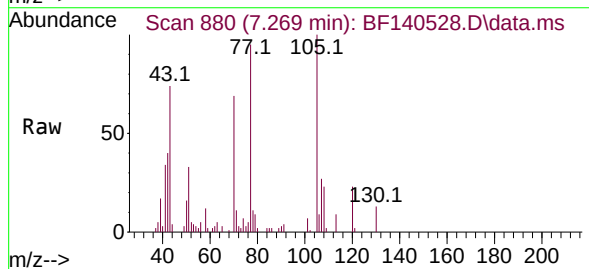
Ion Ratio Lower Upper

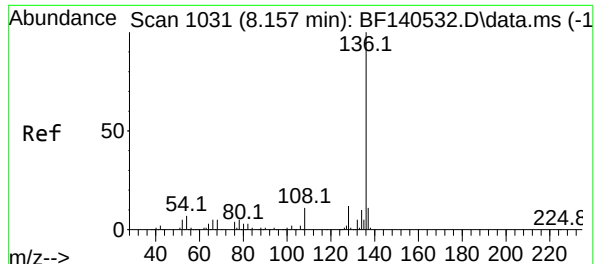
70 100

42 58.7 47.6 71.4

101 10.0 7.6 11.4

130 18.7 16.2 24.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140528.D

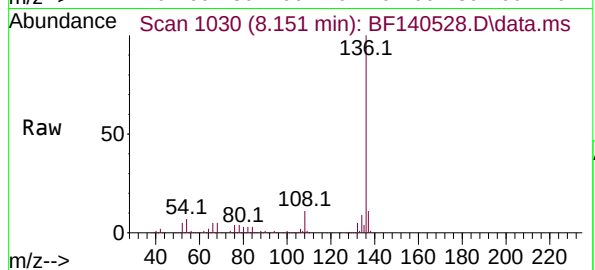
Acq: 21 Nov 2024 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 372671

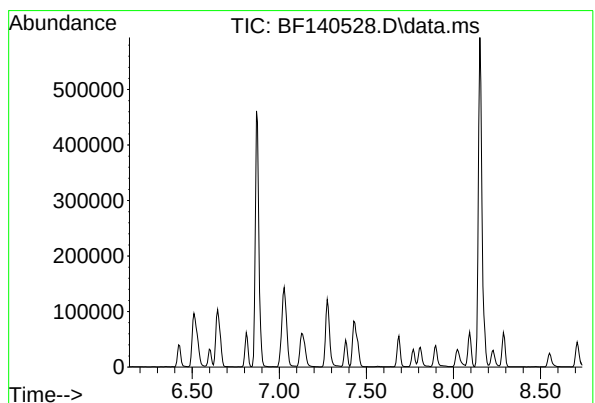
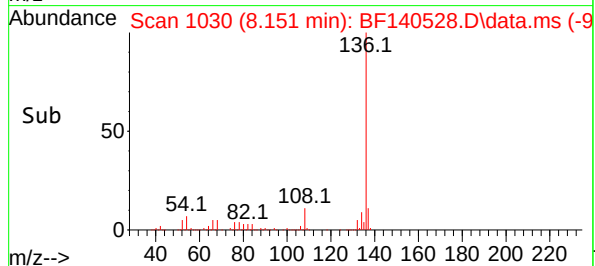
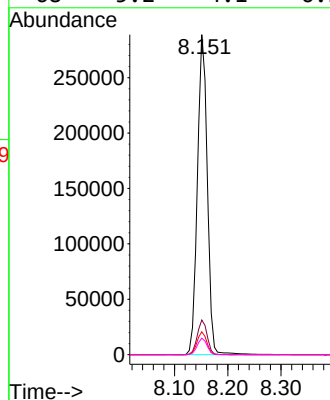
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.2 5.8 8.8

68 5.2 4.1 6.1



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.44 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

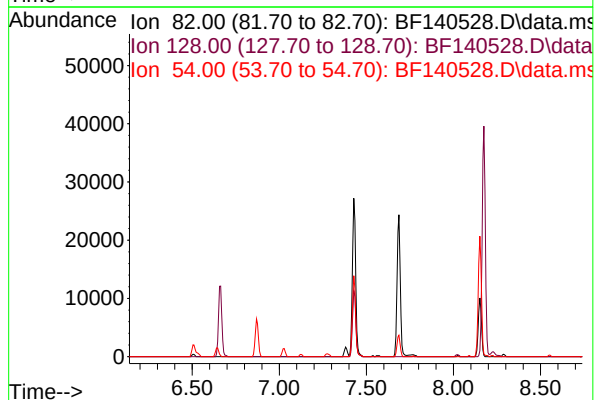
Tgt Ion: 82

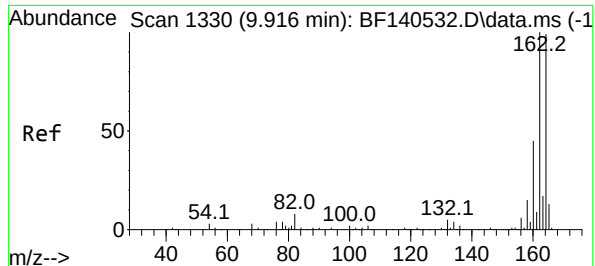
Sig Exp Ratio

82 100

128 41.2

54 49.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

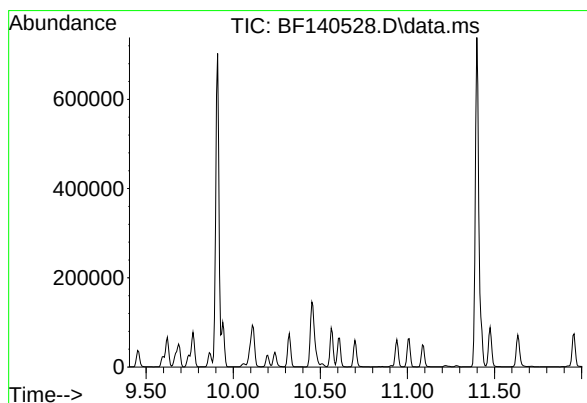
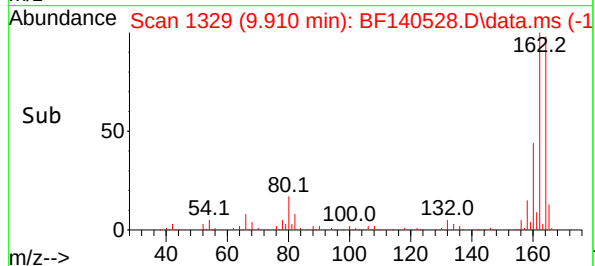
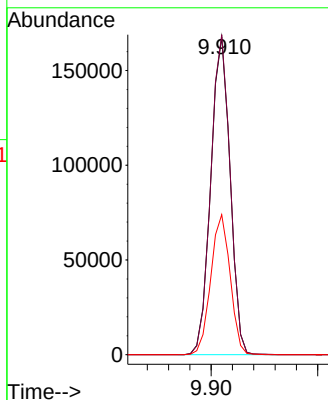
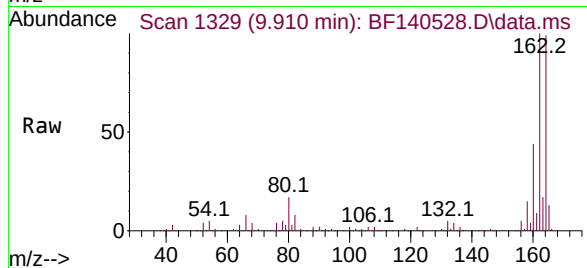
Tgt Ion:164 Resp: 211504

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

160 44.1 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.70 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

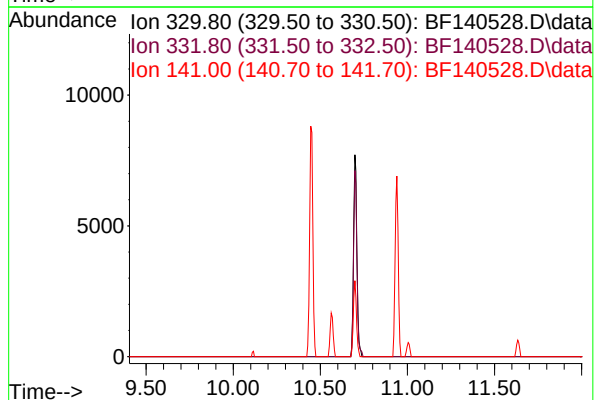
Tgt Ion: 330

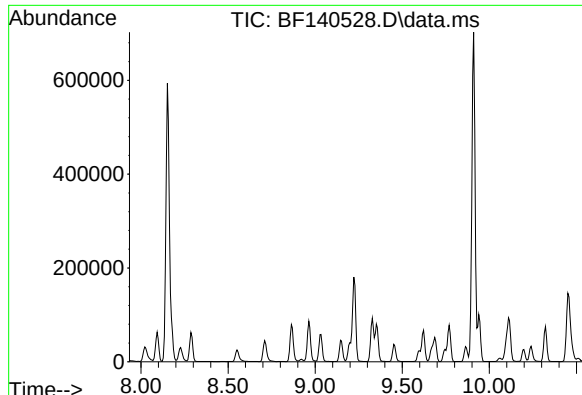
Sig Exp Ratio

330 100

332 96.1

141 33.4





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.23 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

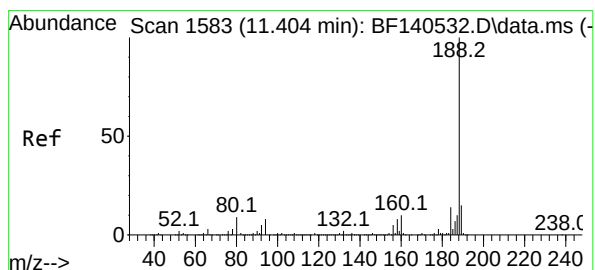
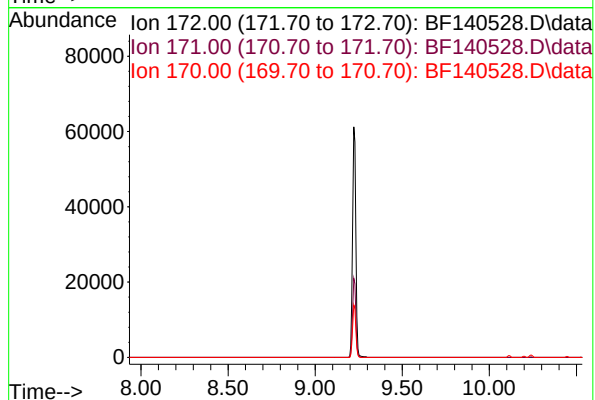
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.5

170 23.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

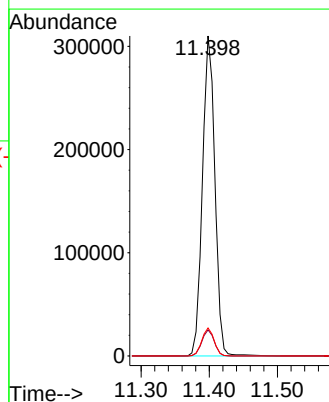
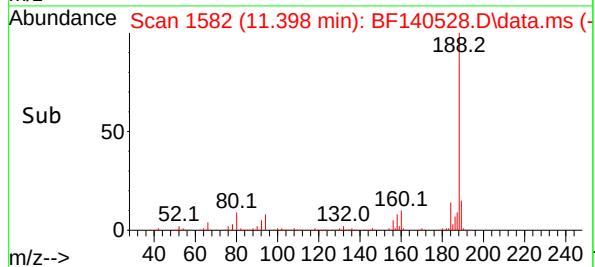
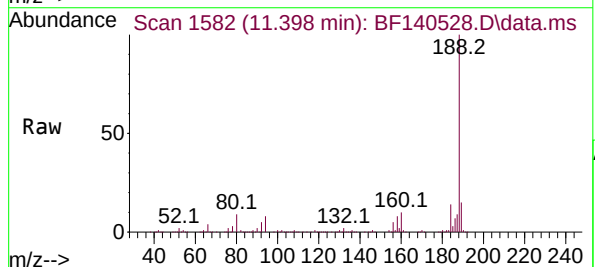
Tgt Ion:188 Resp: 393771

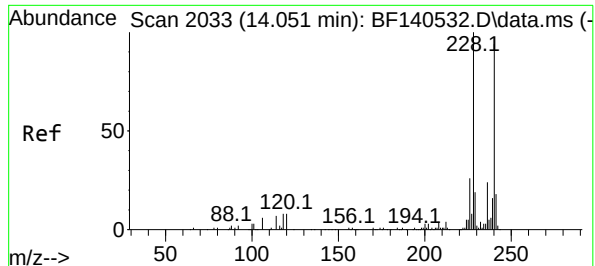
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

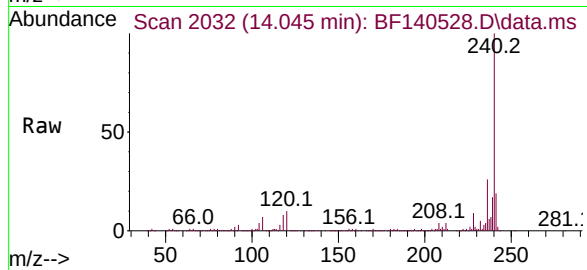
80 8.7 6.9 10.3



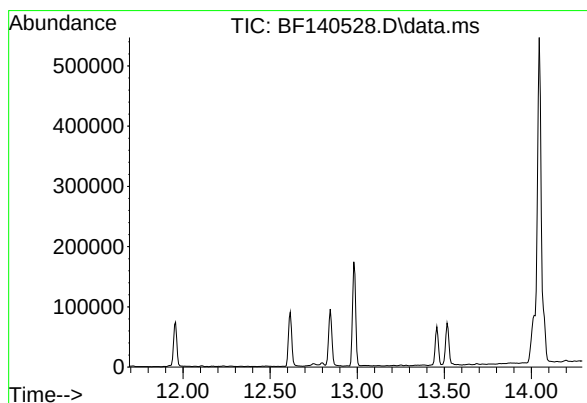
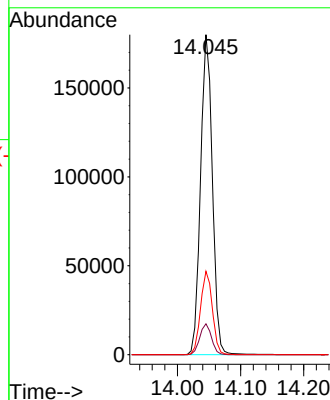
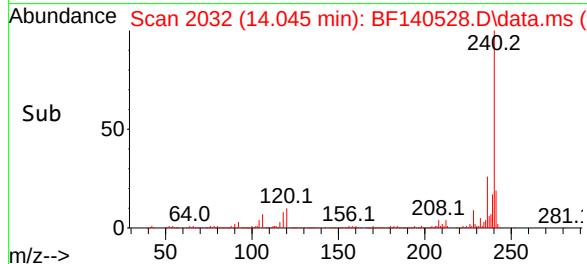


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF140528.D
Acq: 21 Nov 2024 11:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



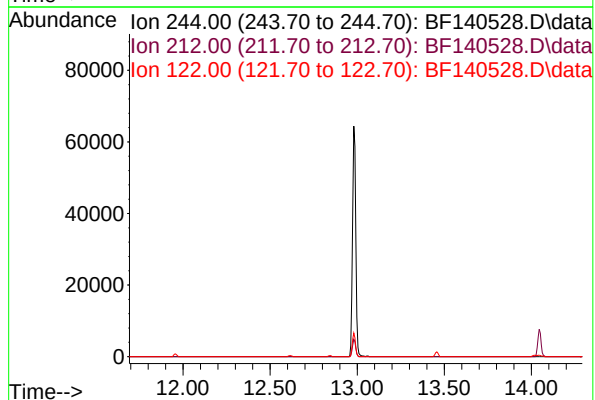
Tgt Ion:240 Resp: 232997
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.1 20.6 31.0

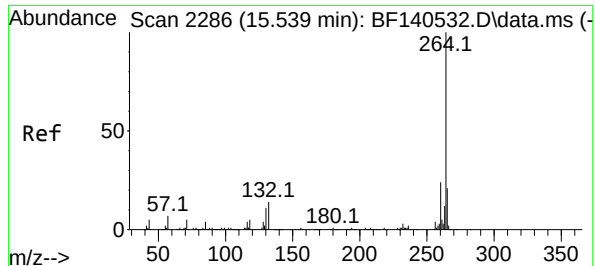


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.99 min

Lab File: BF140528.D
Acq: 21 Nov 2024 11:13

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.3
122 10.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140528.D

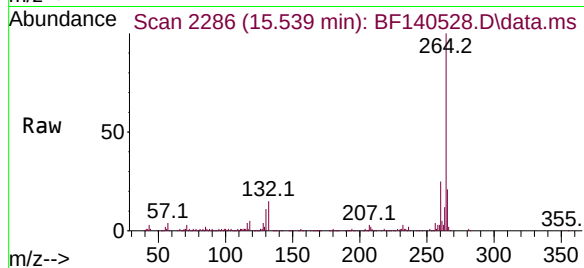
Acq: 21 Nov 2024 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



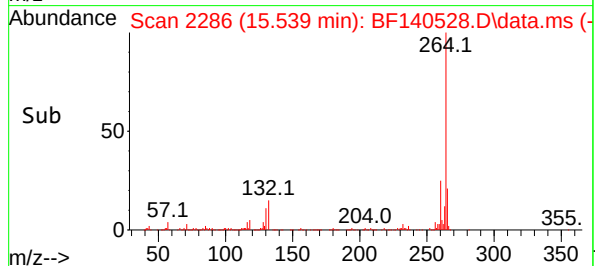
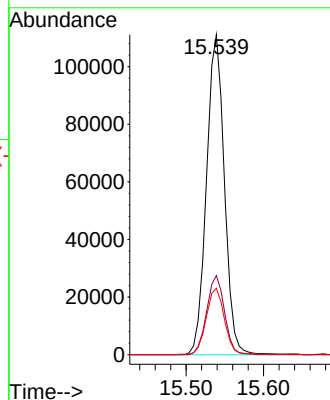
Tgt Ion:264 Resp: 178104

Ion	Ratio	Lower	Upper

264	100		

260	24.7	19.0	28.6

265	20.7	16.6	25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140529.D
 Acq On : 21 Nov 2024 11:39
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Nov 21 15:09:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	104134	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	395935	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	219293	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	428851	20.000	ng	0.00
76) Chrysene-d12	14.045	240	270381	20.000	ng	0.00
86) Perylene-d12	15.533	264	205006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	65659	10.758	ng	0.00
7) Phenol-d6	6.504	99	90026	11.158	ng	-0.01
23) Nitrobenzene-d5	7.428	82	80941	10.457	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	24342	10.379	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	170000	11.550	ng	-0.01
79) Terphenyl-d14	12.980	244	182707	10.522	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	13033	5.079	ng	99
3) Pyridine	3.440	79	25544	4.524	ng	98
4) n-Nitrosodimethylamine	3.358	42	16043	4.835	ng	# 98
6) Aniline	6.534	93	30162	5.311	ng	# 85
8) 2-Chlorophenol	6.657	128	36046	5.490	ng	99
10) Phenol	6.522	94	44852	5.443	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	33630	5.333	ng	99
12) 1,3-Dichlorobenzene	6.810	146	41643	5.644	ng	97
13) 1,4-Dichlorobenzene	6.887	146	42002	5.622	ng	98
14) 1,2-Dichlorobenzene	7.040	146	39138	5.591	ng	97
15) Benzyl Alcohol	7.010	79	32114	5.367	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.146	45	42946	5.765	ng	79
17) 2-Methylphenol	7.128	107	29188	5.553	ng	96
18) Hexachloroethane	7.381	117	15560	5.577	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	26085	5.470	ng	99
20) 3+4-Methylphenols	7.281	107	38915	5.760	ng	97
22) Acetophenone	7.275	105	53017	5.492	ng	95
24) Nitrobenzene	7.451	77	43460	5.432	ng	99
25) Isophorone	7.687	82	68701	5.321	ng	100
26) 2-Nitrophenol	7.769	139	17600	4.964	ng	100
27) 2,4-Dimethylphenol	7.804	122	21843	5.149	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	42337	5.383	ng	99
29) 2,4-Dichlorophenol	8.022	162	29819	5.305	ng	95
30) 1,2,4-Trichlorobenzene	8.092	180	33886	5.280	ng	99
31) Naphthalene	8.175	128	110501	5.418	ng	99
33) 4-Chloroaniline	8.228	127	30440	4.985	ng	97
34) Hexachlorobutadiene	8.287	225	22446	5.280	ng	99
35) Caprolactam	8.557	113	8985	5.165	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	34404	5.467	ng	99
37) 2-Methylnaphthalene	8.863	142	71706	5.536	ng	100
38) 1-Methylnaphthalene	8.963	142	69955	5.510	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	34836	5.426	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	21046	5.224	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	22061	5.046	ng	99
46) 1,1'-Biphenyl	9.328	154	91336	5.579	ng	99
47) 2-Chloronaphthalene	9.351	162	68559	5.526	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140529.D
 Acq On : 21 Nov 2024 11:39
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

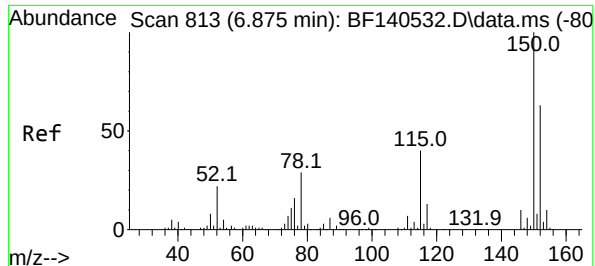
Quant Time: Nov 21 15:09:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Nitroaniline	9.451	65	20109	5.050	ng	99
49) Acenaphthylene	9.769	152	103605	5.527	ng	99
50) Dimethylphthalate	9.622	163	79770	5.523	ng	98
51) 2,6-Dinitrotoluene	9.687	165	17217	5.256	ng	99
52) Acenaphthene	9.939	154	64777	5.337	ng	97
53) 3-Nitroaniline	9.863	138	16842	5.257	ng	98
55) Dibenzofuran	10.116	168	104044	5.727	ng	96
57) 2,4-Dinitrotoluene	10.098	165	22110	5.079	ng	98
58) Fluorene	10.457	166	82732	5.674	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	16825	5.007	ng	# 96
60) Diethylphthalate	10.322	149	81981	5.587	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	40537	5.665	ng	95
62) 4-Nitroaniline	10.469	138	16848	5.014	ng	98
63) Azobenzene	10.604	77	77108	5.549	ng	96
66) n-Nitrosodiphenylamine	10.563	169	67794	5.346	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	23355	5.288	ng	99
68) Hexachlorobenzene	11.010	284	27532	5.384	ng	99
69) Atrazine	11.086	200	19452	5.452	ng	99
71) Phenanthrene	11.422	178	115121	5.584	ng	98
72) Anthracene	11.475	178	111316	5.520	ng	100
73) Carbazole	11.633	167	107643	5.549	ng	98
74) Di-n-butylphthalate	11.957	149	122687	5.478	ng	99
75) Fluoranthene	12.616	202	127194	5.683	ng	100
77) Benzidine	12.745	184	18105	2.303	ng	99
78) Pyrene	12.845	202	128760	5.150	ng	98
80) Butylbenzylphthalate	13.457	149	45690	5.073	ng	99
81) Benzo(a)anthracene	14.033	228	95229	5.321	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	25321	4.712	ng	97
83) Chrysene	14.069	228	91528	5.593	ng	97
84) Bis(2-ethylhexyl)phtha...	14.016	149	61082	5.371	ng	100
85) Di-n-octyl phthalate	14.633	149	80990	5.211	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	61952	4.637	ng	97
88) Benzo(b)fluoranthene	15.098	252	69048	5.362	ng	98
89) Benzo(k)fluoranthene	15.127	252	63717	5.655	ng	96
90) Benzo(a)pyrene	15.469	252	54423	5.198	ng	97
91) Dibenzo(a,h)anthracene	17.051	278	52029	4.755	ng	99
92) Benzo(g,h,i)perylene	17.492	276	52919	4.740	ng	97

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

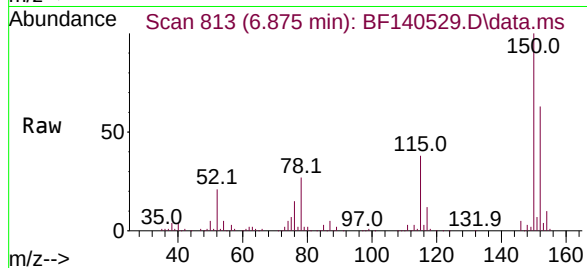
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

[illegible]

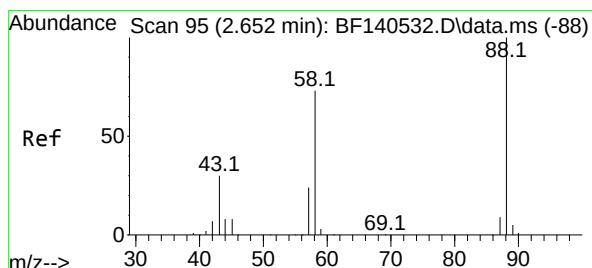
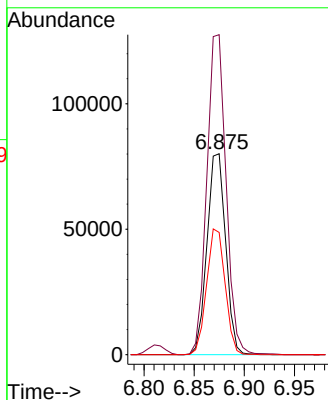
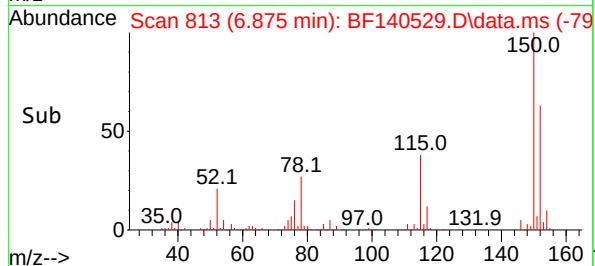


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

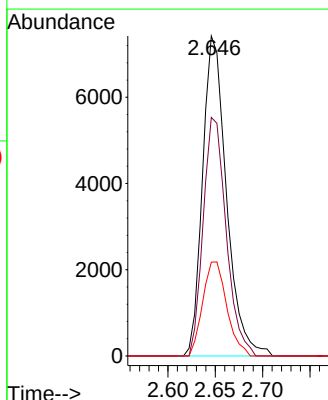
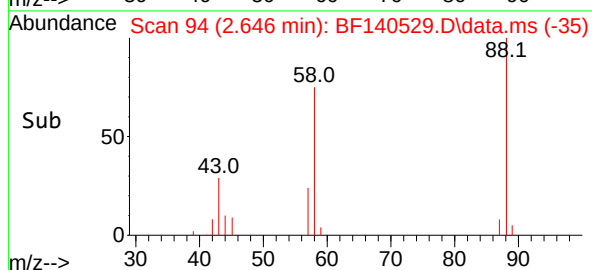
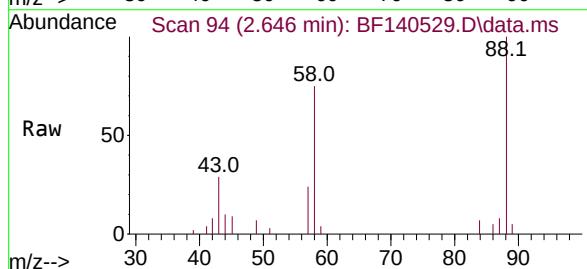


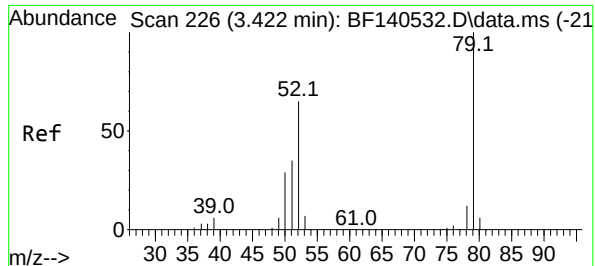
Tgt Ion:152 Resp: 104134
Ion Ratio Lower Upper
152 100
150 159.2 128.5 192.7
115 60.8 50.2 75.4



#2
1,4-Dioxane
Concen: 5.079 ng
RT: 2.646 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion: 88 Resp: 13033
Ion Ratio Lower Upper
88 100
58 71.6 57.4 86.2
43 29.5 24.3 36.5





#3

Pyridine

Concen: 4.524 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

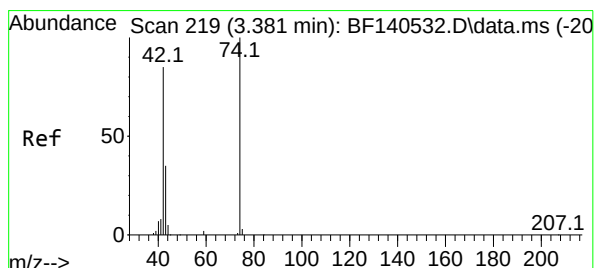
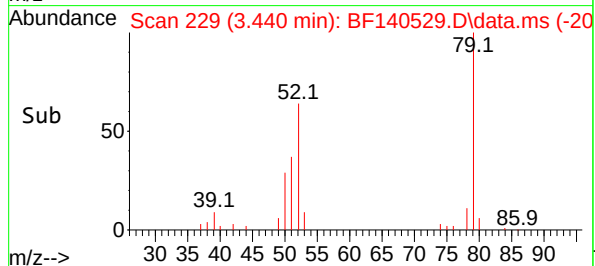
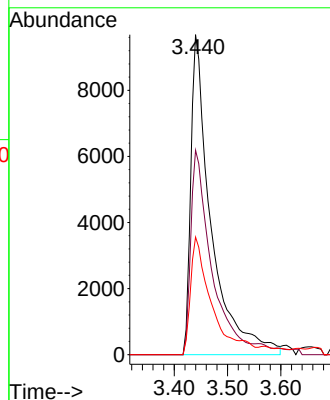
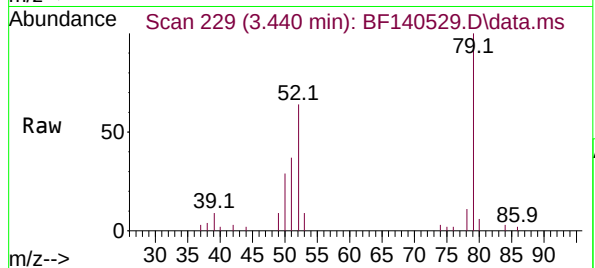
Tgt Ion: 79 Resp: 25544

Ion Ratio Lower Upper

79 100

52 63.9 52.1 78.1

51 36.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 4.835 ng

RT: 3.358 min Scan# 215

Delta R.T. -0.023 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

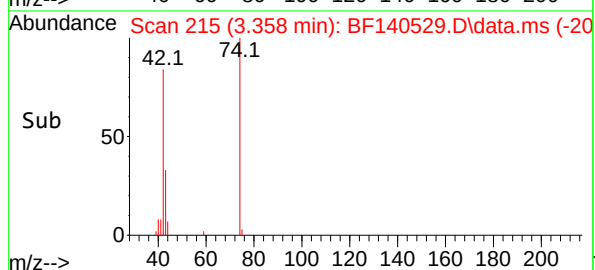
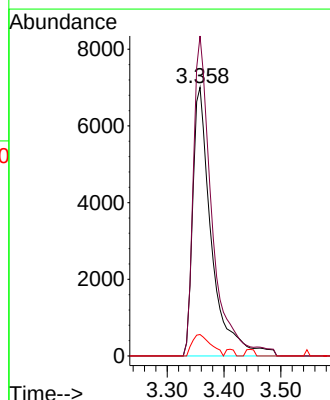
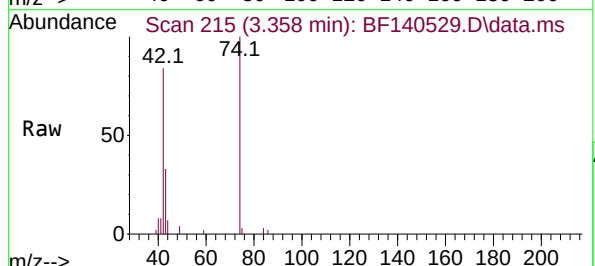
Tgt Ion: 42 Resp: 16043

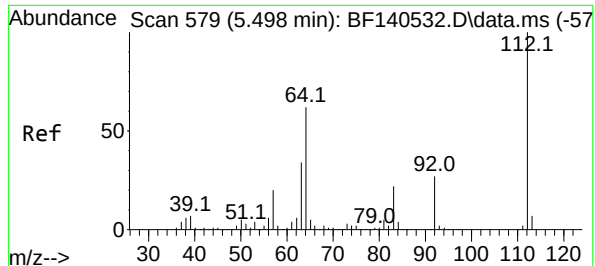
Ion Ratio Lower Upper

42 100

74 119.1 93.8 140.6

44 8.0 4.6 6.8#

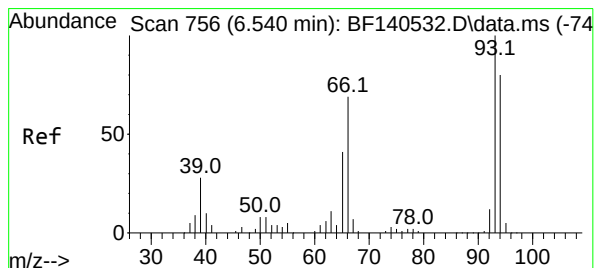
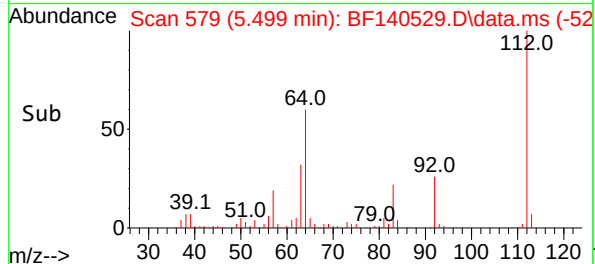
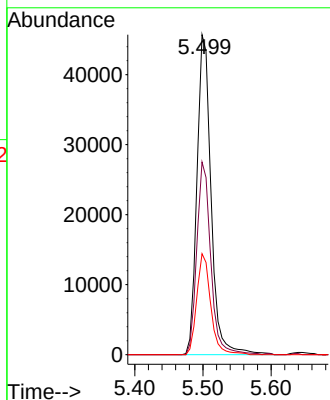
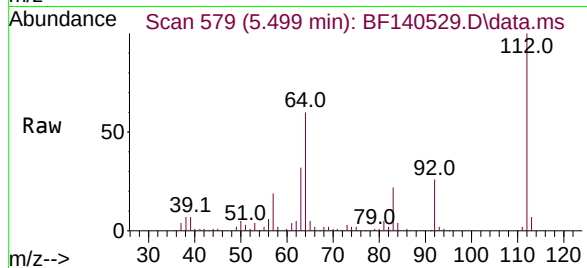




#5
2-Fluorophenol
Concen: 10.758 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

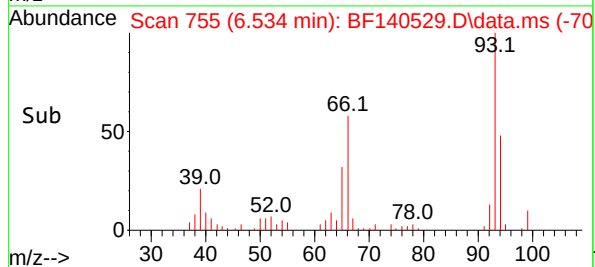
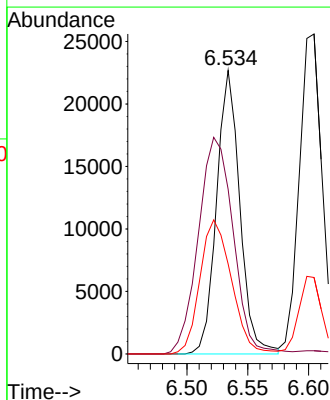
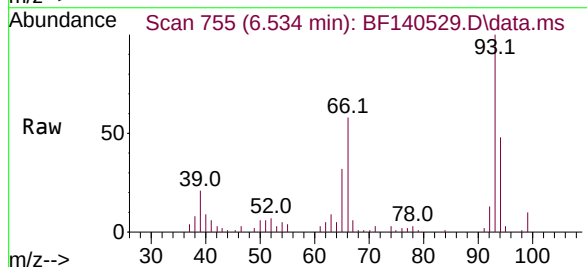
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

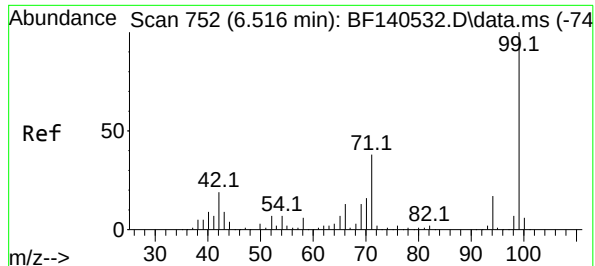
Tgt Ion:112 Resp: 65659
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 31.6 27.0 40.4



#6
Aniline
Concen: 5.311 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion: 93 Resp: 30162
Ion Ratio Lower Upper
93 100
66 58.1 56.5 84.7
65 31.8 32.9 49.3#





#7

Phenol-d6

Concen: 11.158 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

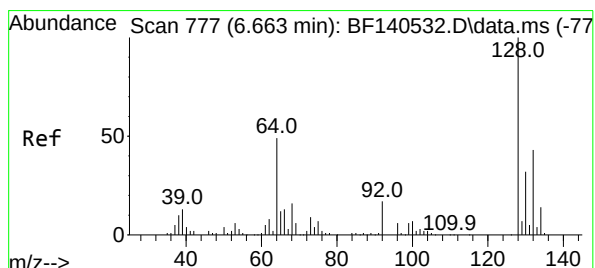
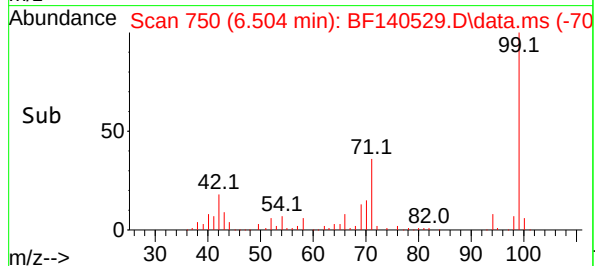
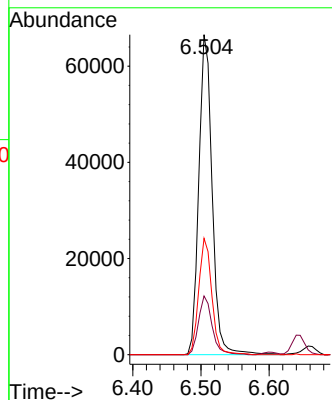
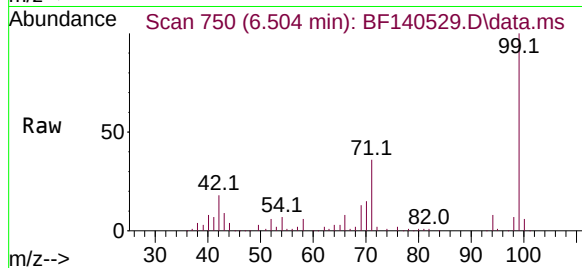
Tgt Ion: 99 Resp: 90026

Ion Ratio Lower Upper

99 100

42 18.4 15.4 23.0

71 36.4 30.6 46.0



#8

2-Chlorophenol

Concen: 5.490 ng

RT: 6.657 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

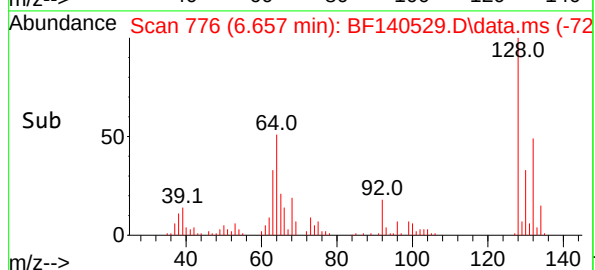
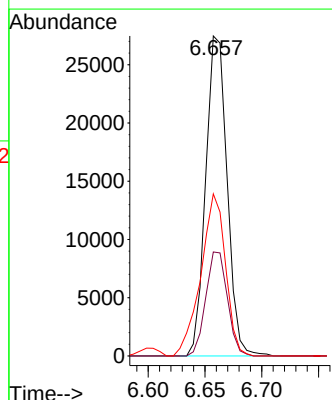
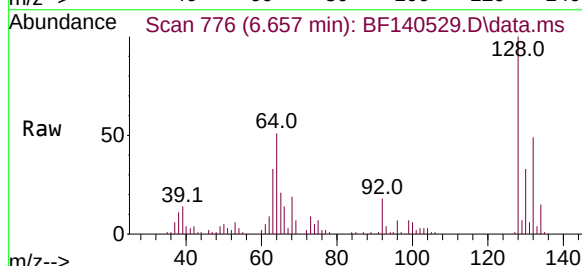
Tgt Ion: 128 Resp: 36046

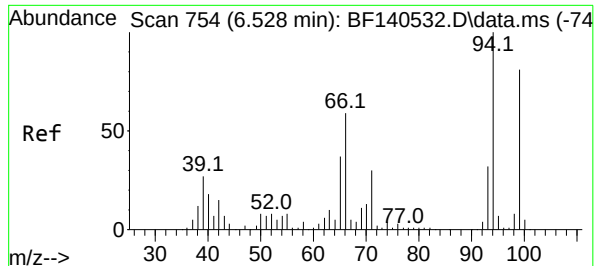
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 50.7 30.2 70.2

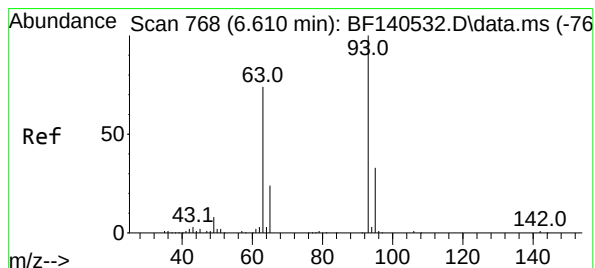
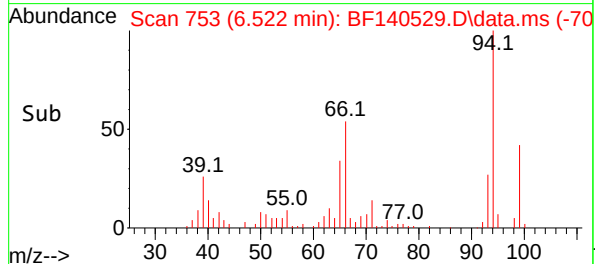
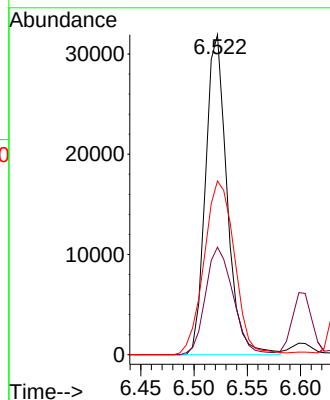
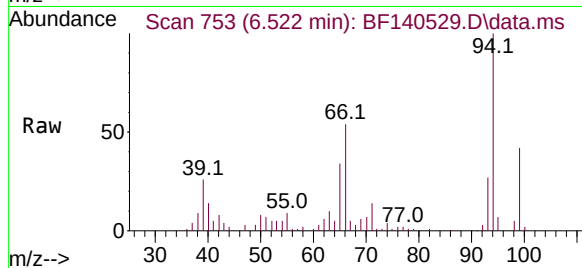




#10
Phenol
Concen: 5.443 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

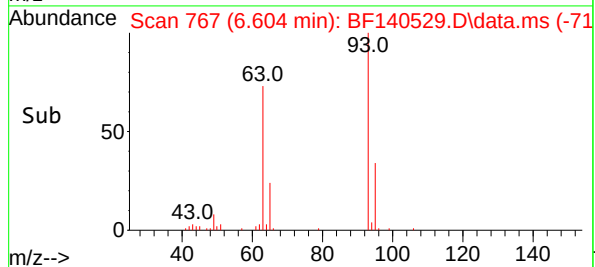
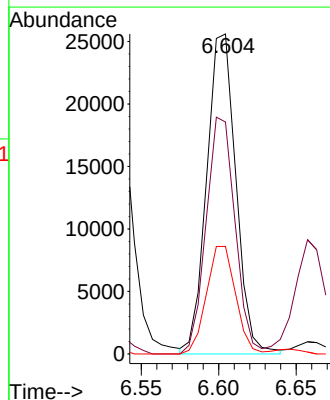
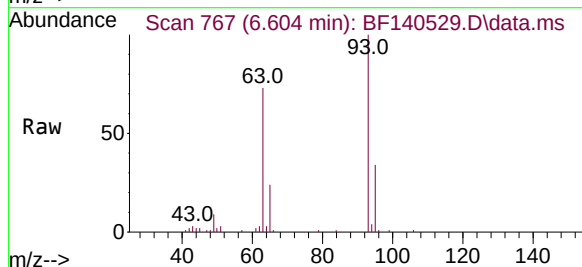
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

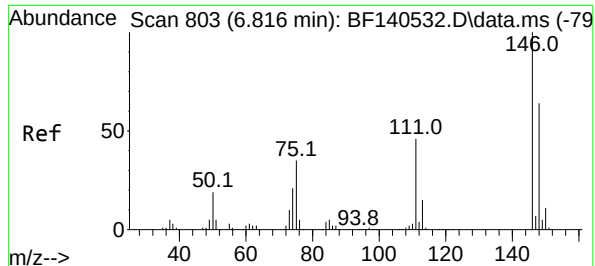
Tgt Ion: 94 Resp: 44852
Ion Ratio Lower Upper
94 100
65 33.6 17.2 57.2
66 54.3 39.2 79.2



#11
bis(2-Chloroethyl)ether
Concen: 5.333 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion: 93 Resp: 33630
Ion Ratio Lower Upper
93 100
63 72.5 52.8 92.8
95 33.6 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 5.644 ng

RT: 6.810 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

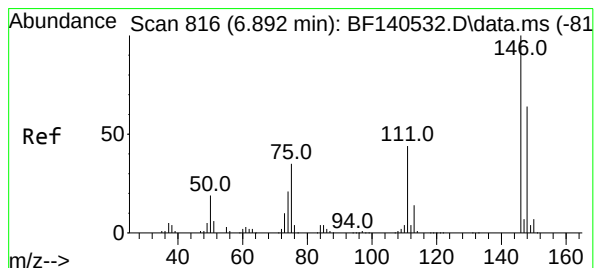
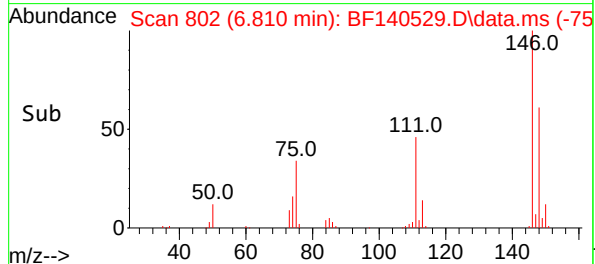
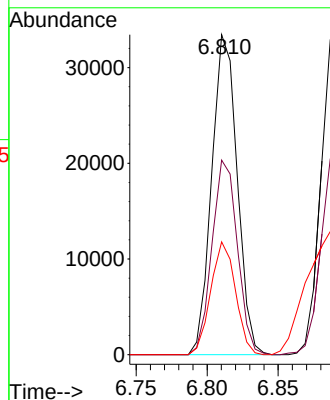
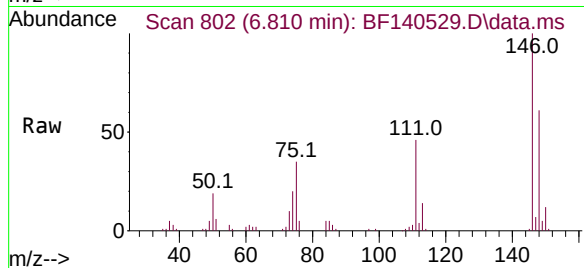
Tgt Ion:146 Resp: 41643

Ion Ratio Lower Upper

146 100

148 60.8 51.3 76.9

75 35.3 28.2 42.2



#13

1,4-Dichlorobenzene

Concen: 5.622 ng

RT: 6.887 min Scan# 815

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

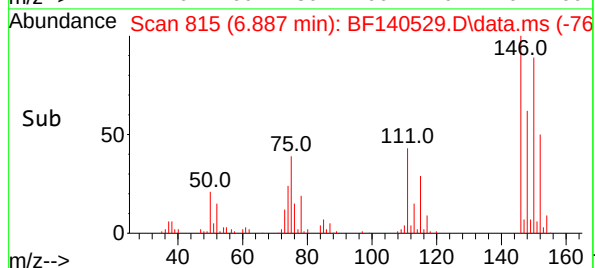
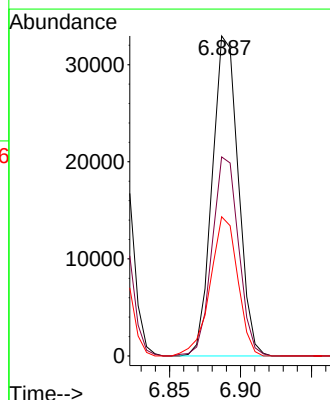
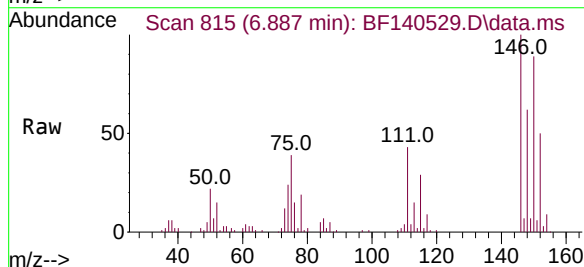
Tgt Ion:146 Resp: 42002

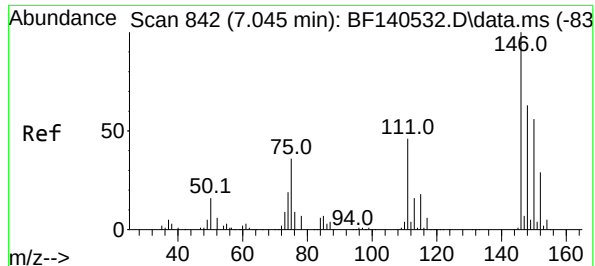
Ion Ratio Lower Upper

146 100

148 62.2 51.0 76.6

111 43.5 35.3 52.9





#14

1,2-Dichlorobenzene

Concen: 5.591 ng

RT: 7.040 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

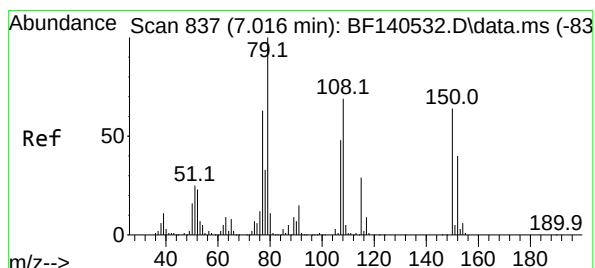
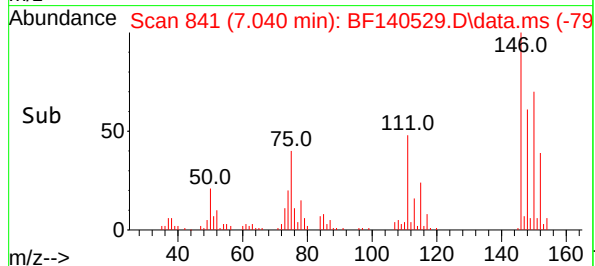
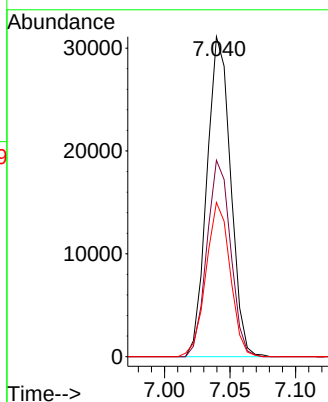
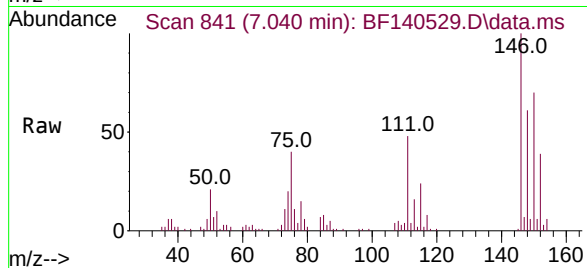
Tgt Ion:146 Resp: 39138

Ion Ratio Lower Upper

146 100

148 61.4 50.5 75.7

111 48.2 36.7 55.1



#15

Benzyl Alcohol

Concen: 5.367 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

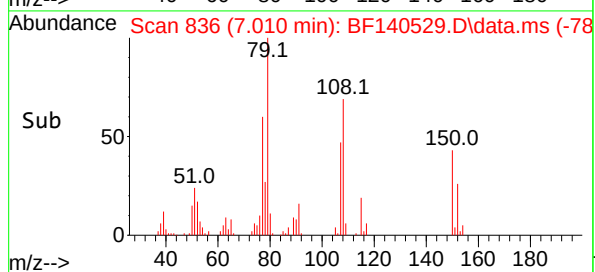
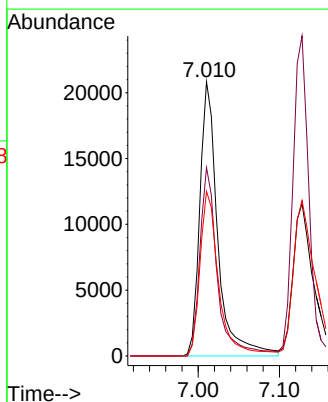
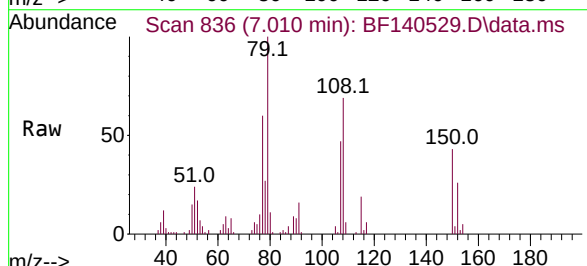
Tgt Ion: 79 Resp: 32114

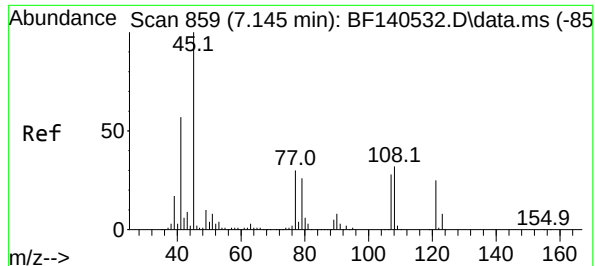
Ion Ratio Lower Upper

79 100

108 68.7 55.0 82.6

77 60.1 50.1 75.1





#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.765 ng

RT: 7.146 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

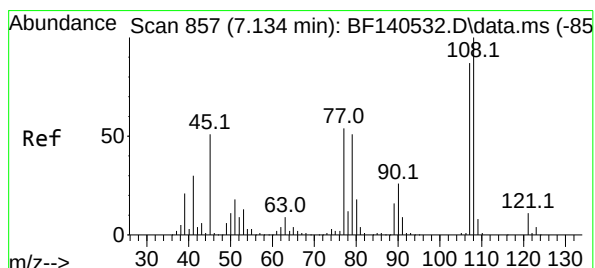
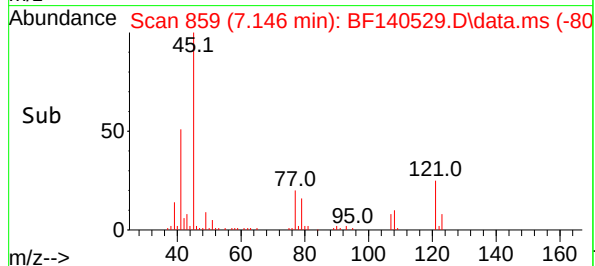
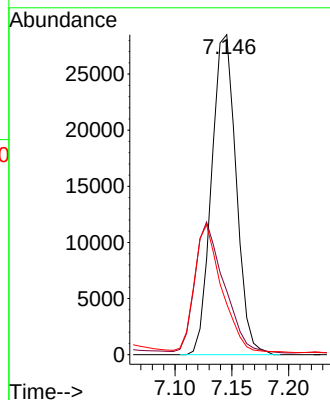
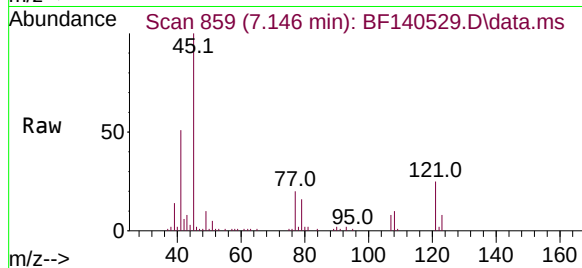
Tgt Ion: 45 Resp: 42946

Ion Ratio Lower Upper

45 100

77 19.9 10.7 50.7

79 15.8 7.0 47.0



#17

2-Methylphenol

Concen: 5.553 ng

RT: 7.128 min Scan# 856

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion:107 Resp: 29188

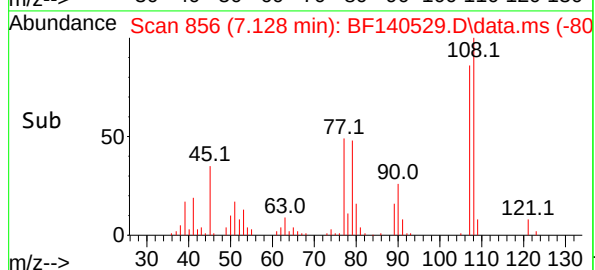
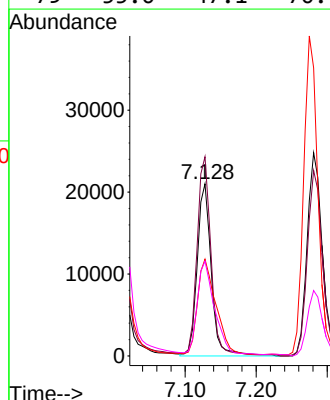
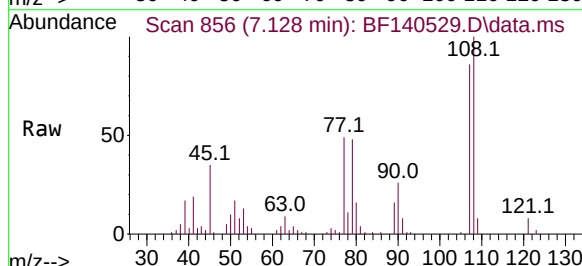
Ion Ratio Lower Upper

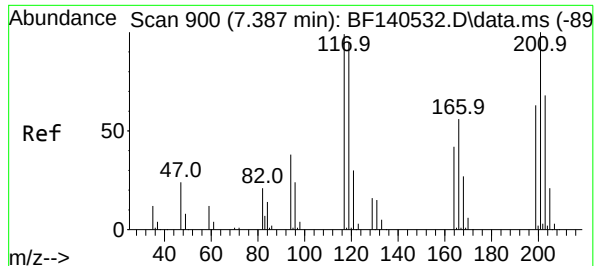
107 100

108 115.6 91.7 137.5

77 56.2 49.3 73.9

79 55.0 47.1 70.7





#18

Hexachloroethane

Concen: 5.577 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

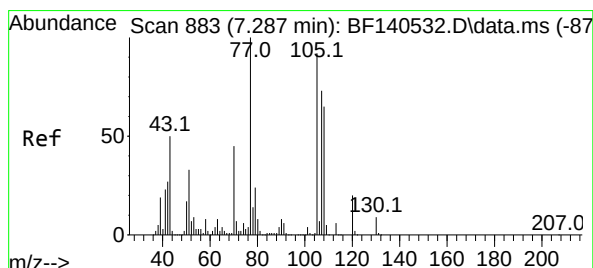
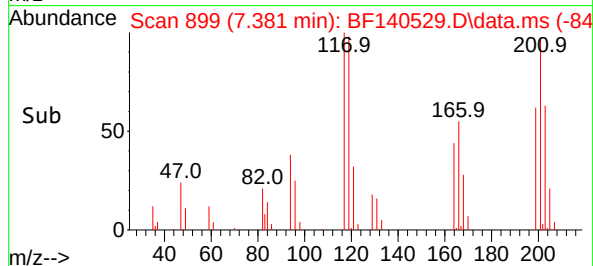
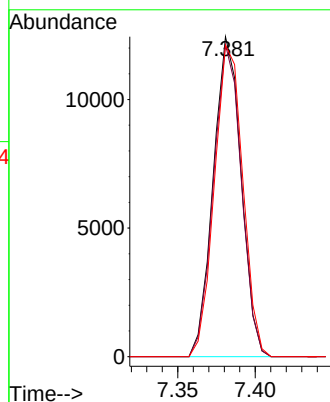
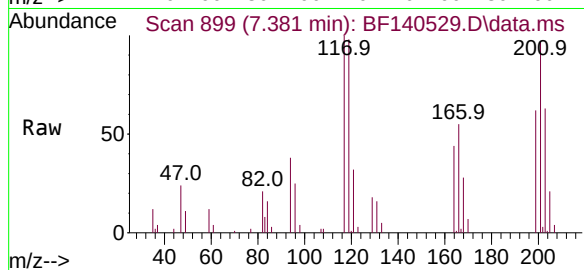
Tgt Ion:117 Resp: 15560

Ion Ratio Lower Upper

117 100

119 97.6 77.1 115.7

201 97.4 81.1 121.7



#19

n-Nitroso-di-n-propylamine

Concen: 5.470 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion: 70 Resp: 26085

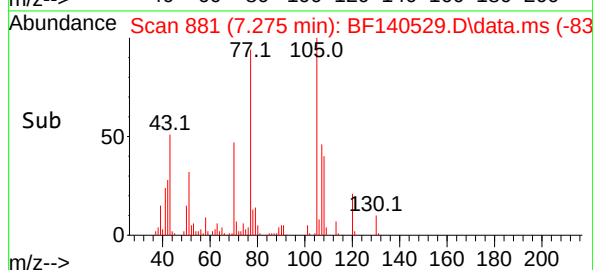
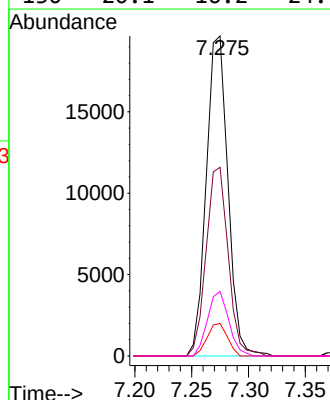
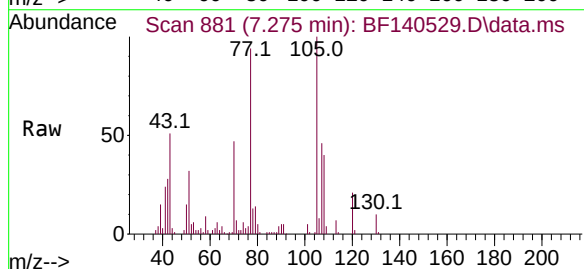
Ion Ratio Lower Upper

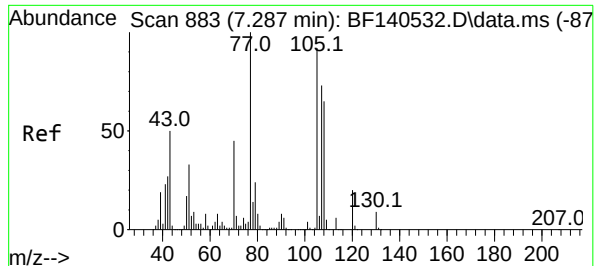
70 100

42 58.9 47.6 71.4

101 10.2 7.6 11.4

130 20.1 16.2 24.4





#20

3+4-Methylphenols

Concen: 5.760 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140529.D

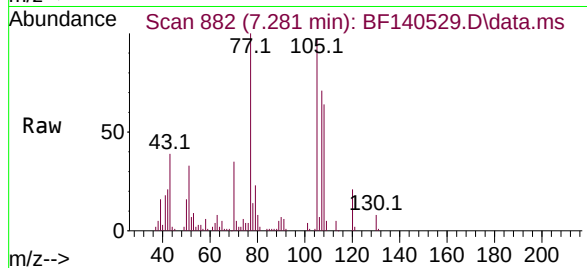
Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:107 Resp: 38915

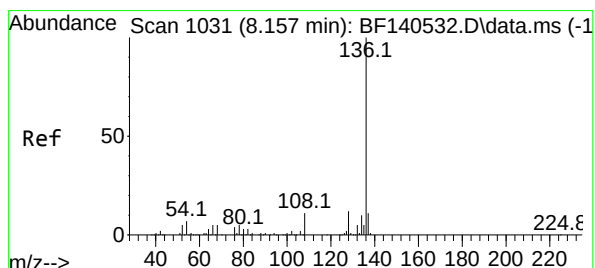
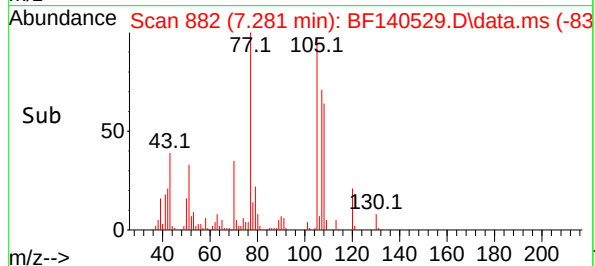
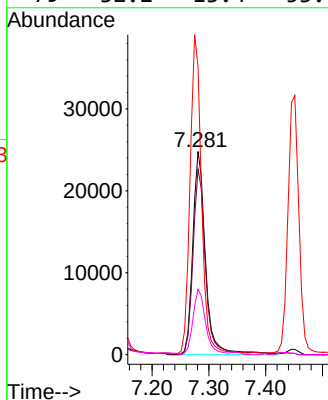
Ion Ratio Lower Upper

107 100

108 91.2 69.9 109.9

77 141.7 117.7 157.7

79 32.2 13.4 53.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion:136 Resp: 395935

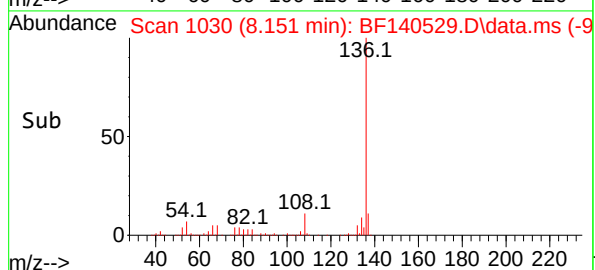
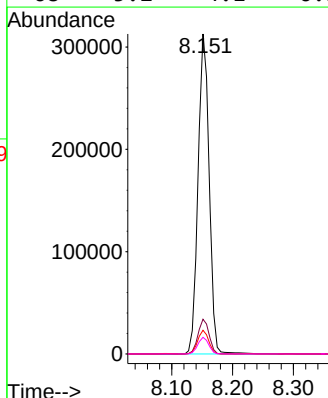
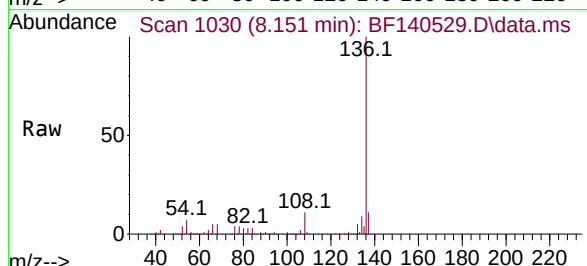
Ion Ratio Lower Upper

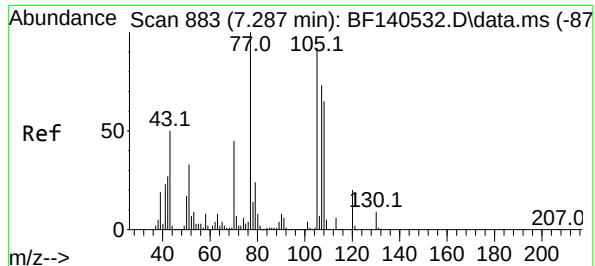
136 100

137 10.9 8.6 13.0

54 7.4 5.8 8.8

68 5.2 4.1 6.1





#22

Acetophenone

Concen: 5.492 ng

RT: 7.275 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:105 Resp: 53017

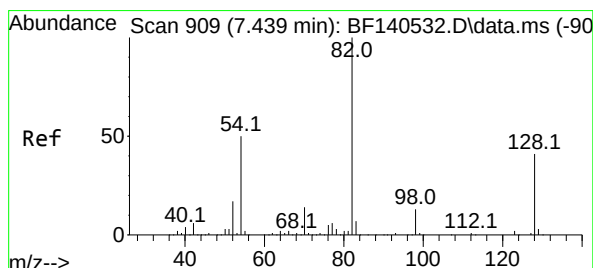
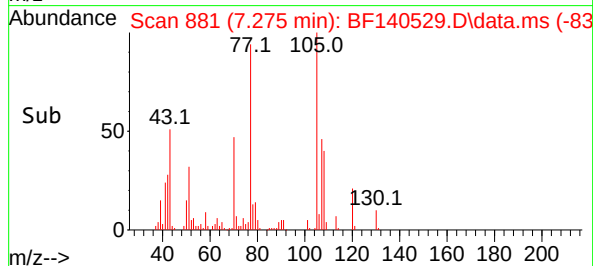
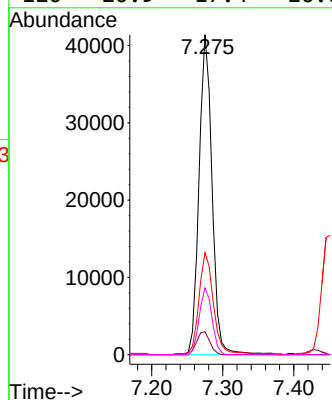
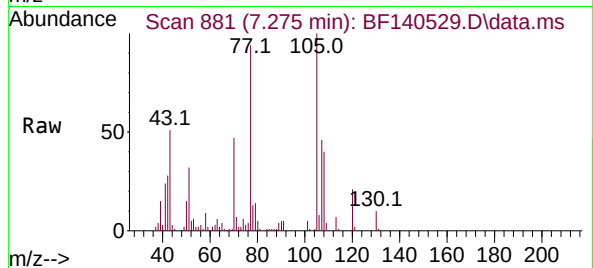
Ion Ratio Lower Upper

105 100

71 7.2 6.2 9.2

51 31.9 29.0 43.6

120 20.9 17.4 26.0



#23

Nitrobenzene-d5

Concen: 10.457 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

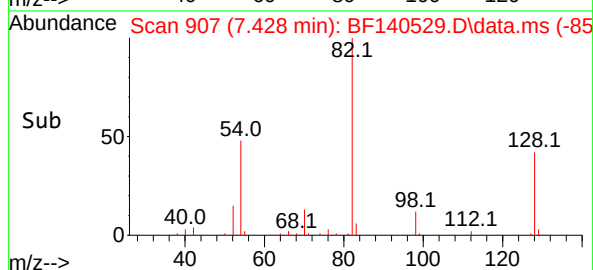
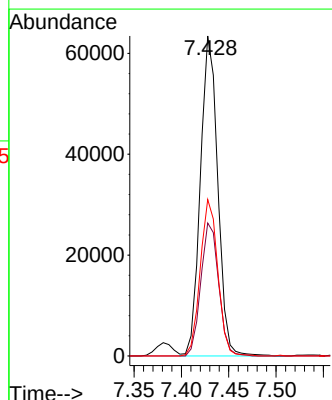
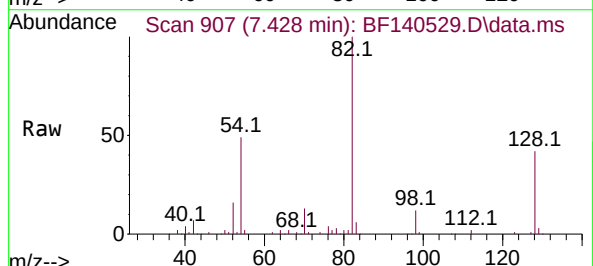
Tgt Ion: 82 Resp: 80941

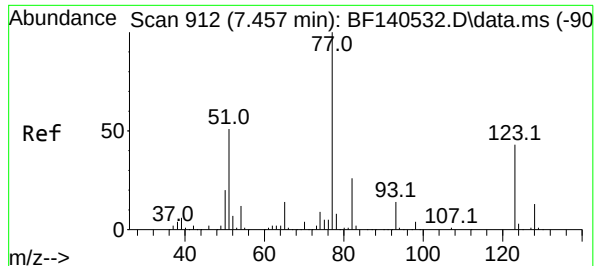
Ion Ratio Lower Upper

82 100

128 41.6 33.0 49.4

54 48.9 39.5 59.3

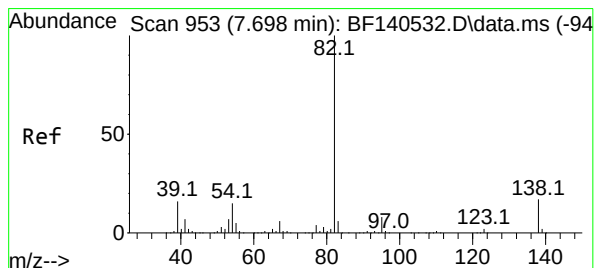
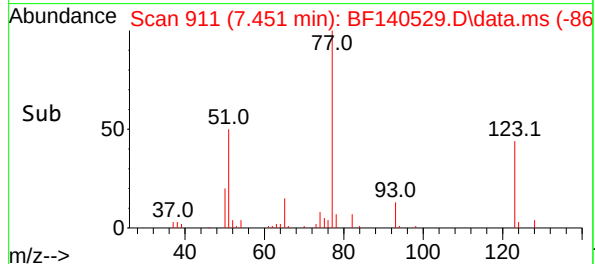
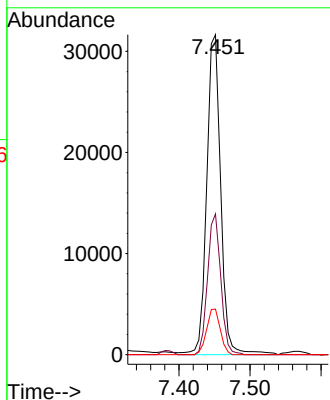
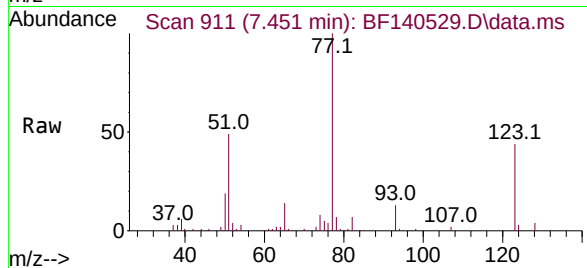




#24
Nitrobenzene
Concen: 5.432 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

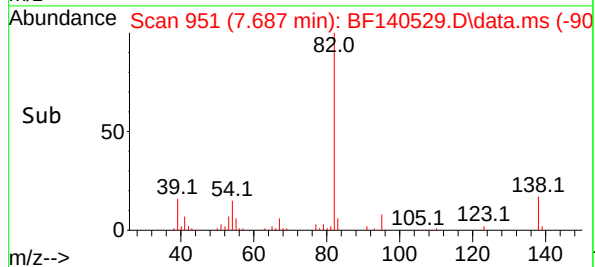
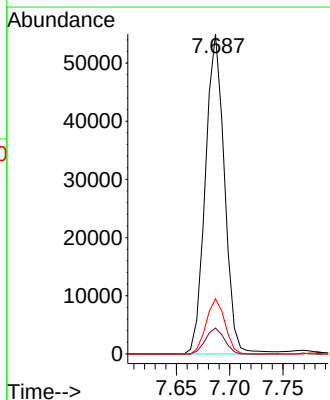
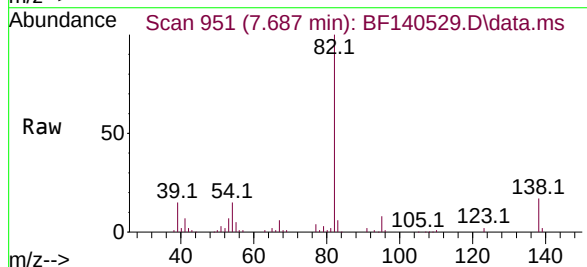
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

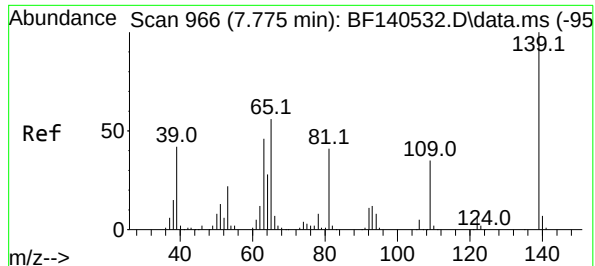
Tgt Ion: 77 Resp: 43460
Ion Ratio Lower Upper
77 100
123 44.0 34.3 51.5
65 14.3 11.2 16.8



#25
Isophorone
Concen: 5.321 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion: 82 Resp: 68701
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.2 13.8 20.6

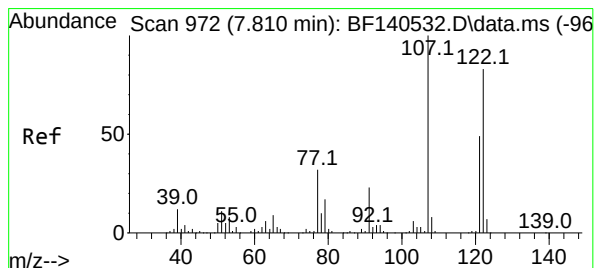
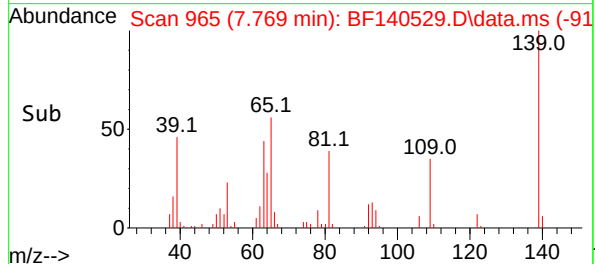
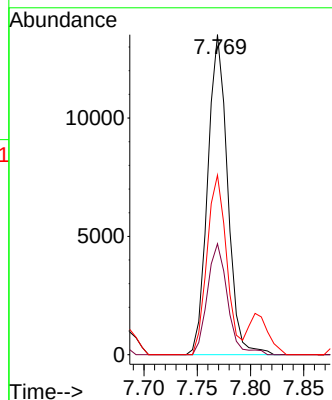
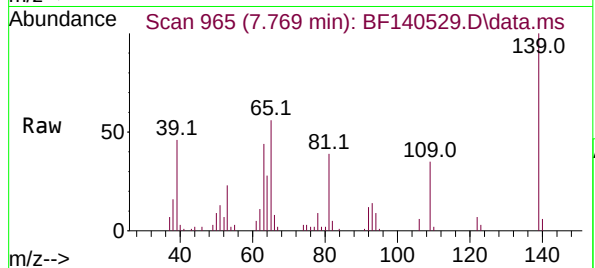




#26
2-Nitrophenol
Concen: 4.964 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

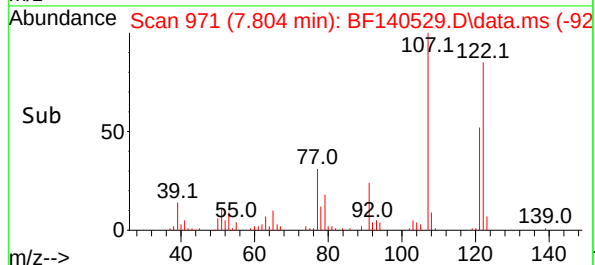
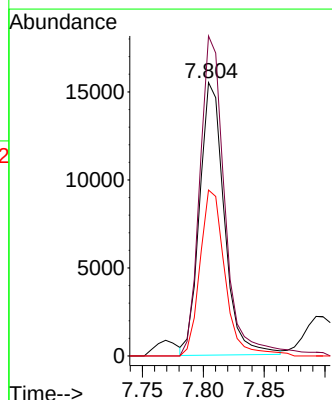
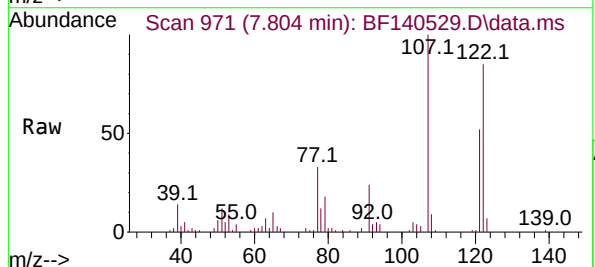
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

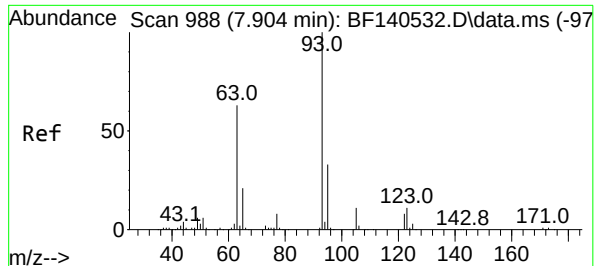
Tgt Ion:139 Resp: 17600
Ion Ratio Lower Upper
139 100
109 34.7 28.0 42.0
65 56.1 44.6 67.0



#27
2,4-Dimethylphenol
Concen: 5.149 ng
RT: 7.804 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:122 Resp: 21843
Ion Ratio Lower Upper
122 100
107 117.0 96.8 145.2
121 60.7 47.4 71.0





#28

bis(2-Chloroethoxy)methane

Concen: 5.383 ng

RT: 7.898 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

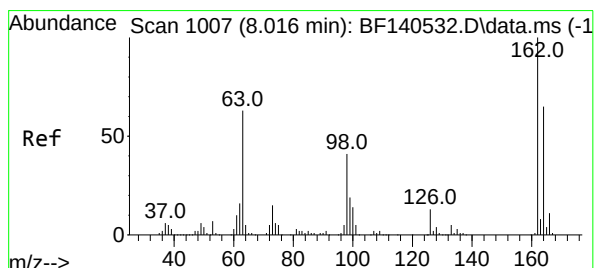
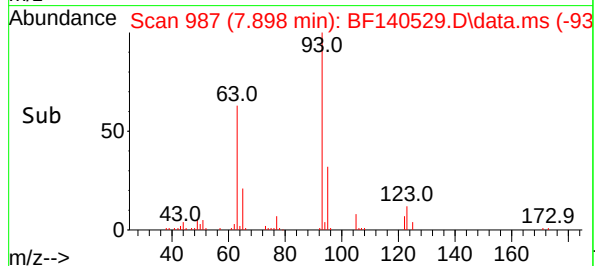
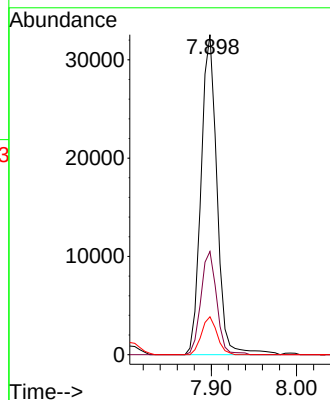
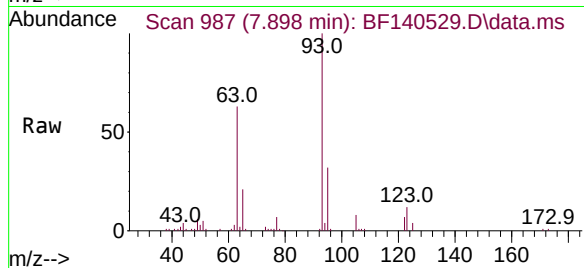
Tgt Ion: 93 Resp: 42337

Ion Ratio Lower Upper

93 100

95 32.2 26.1 39.1

123 11.9 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 5.305 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

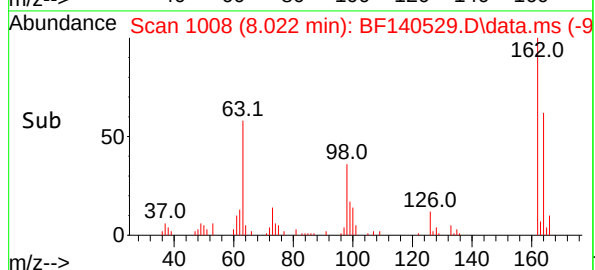
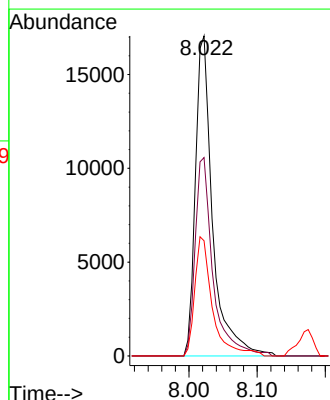
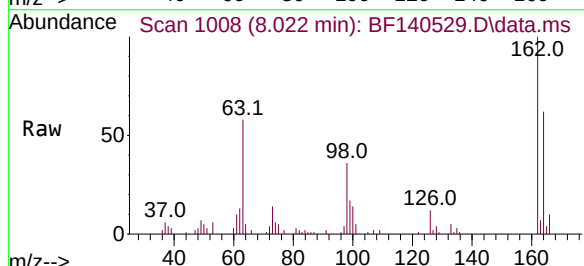
Tgt Ion:162 Resp: 29819

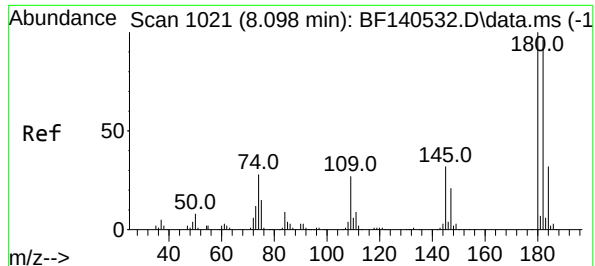
Ion Ratio Lower Upper

162 100

164 62.0 44.8 84.8

98 36.0 21.2 61.2





#30

1,2,4-Trichlorobenzene

Concen: 5.280 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

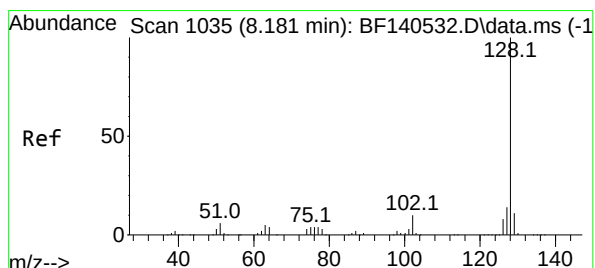
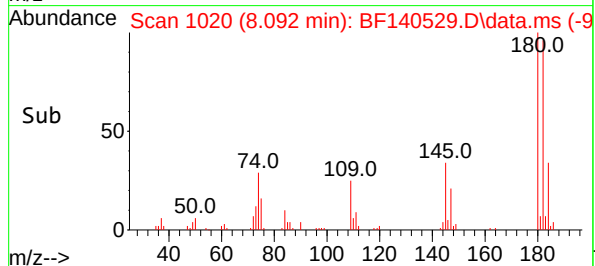
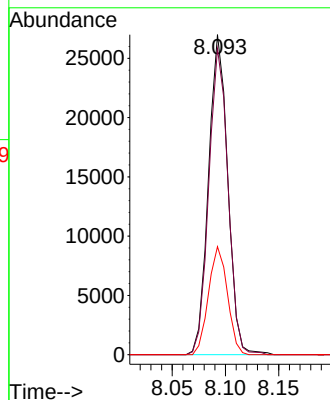
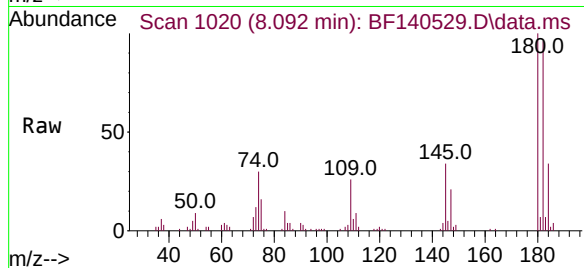
Tgt Ion:180 Resp: 33886

Ion Ratio Lower Upper

180 100

182 95.7 76.4 114.6

145 33.8 25.9 38.9



#31

Naphthalene

Concen: 5.418 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

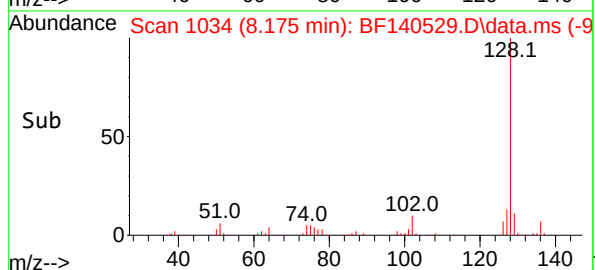
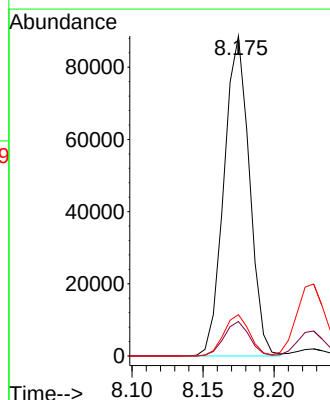
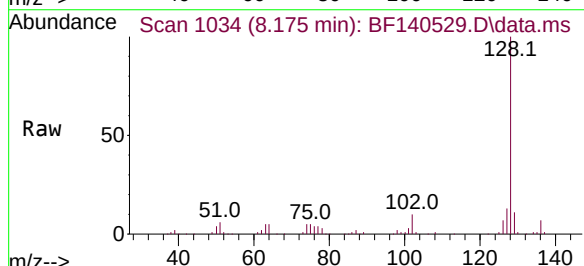
Tgt Ion:128 Resp: 110501

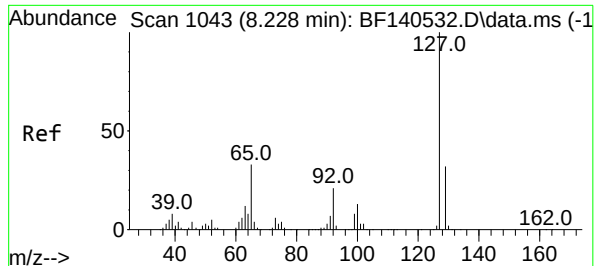
Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 12.9 10.8 16.2

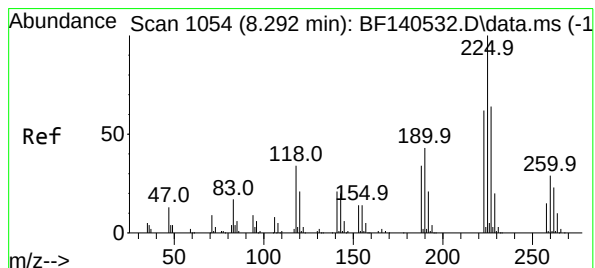
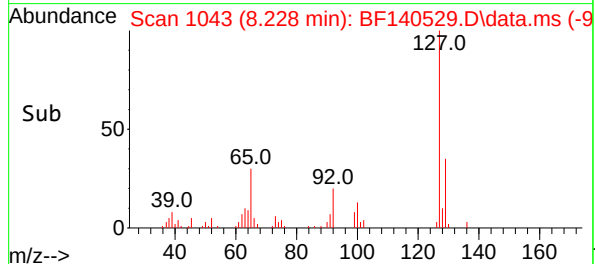
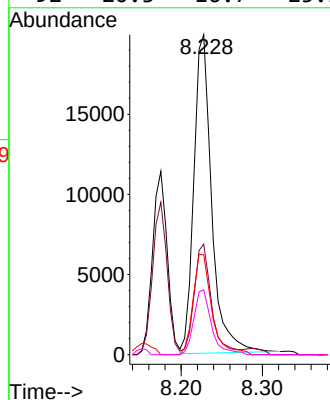
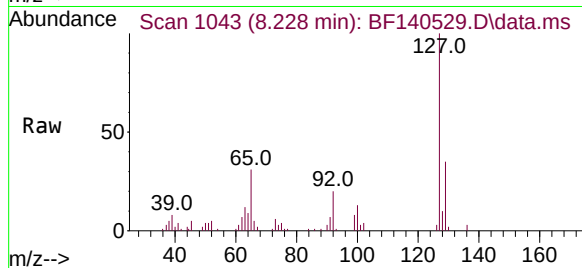




#33
4-Chloroaniline
Concen: 4.985 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

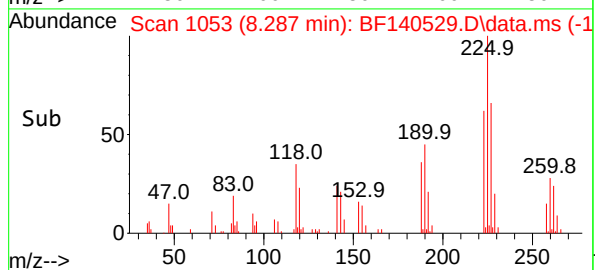
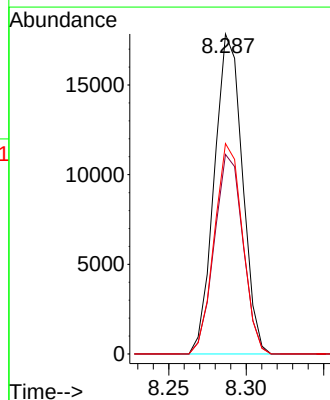
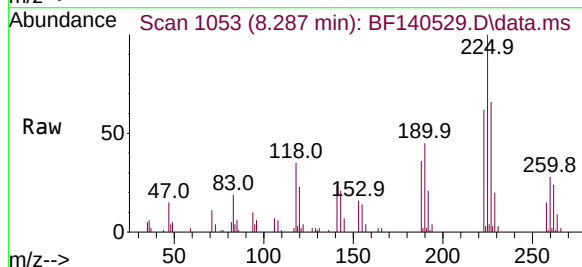
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

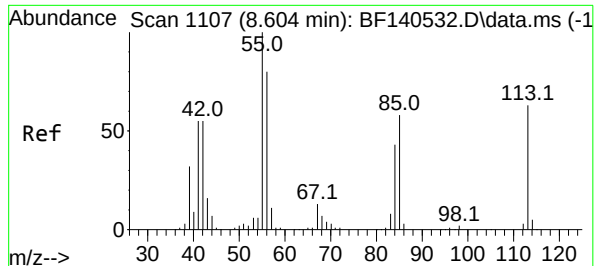
Tgt Ion:	127	Resp:	30440
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.0	39.0
65	31.3	26.0	39.0
92	20.3	16.7	25.1



#34
Hexachlorobutadiene
Concen: 5.280 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:	225	Resp:	22446
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.8
227	65.7	51.3	76.9

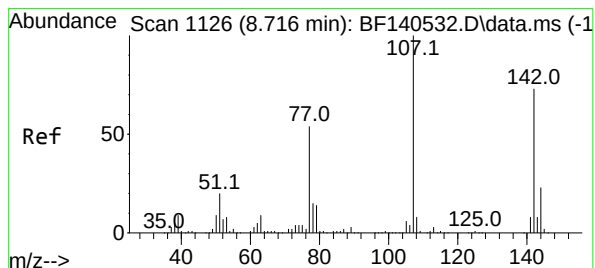
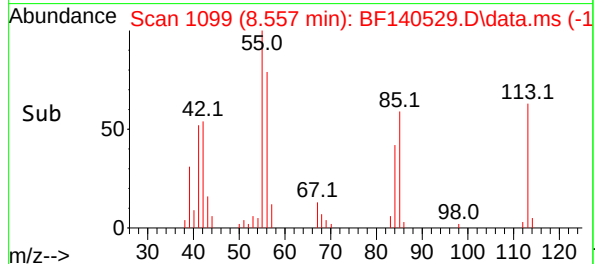
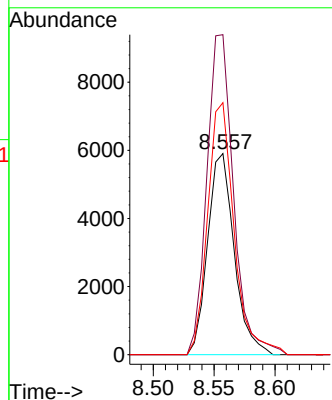
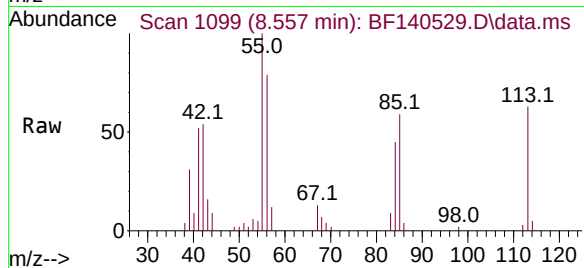




#35
Caprolactam
Concen: 5.165 ng
RT: 8.557 min Scan# 1099
Delta R.T. -0.047 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

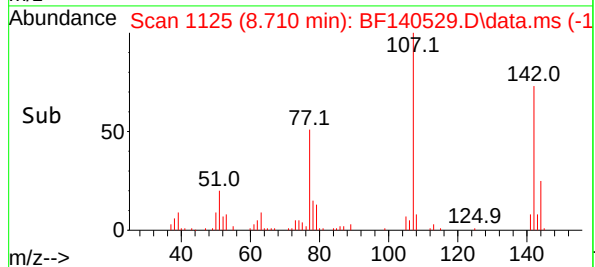
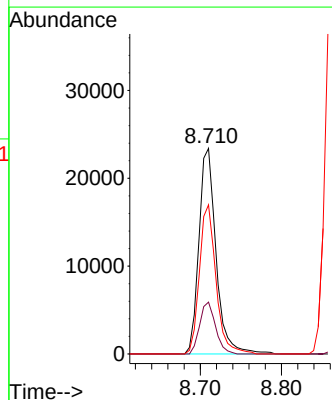
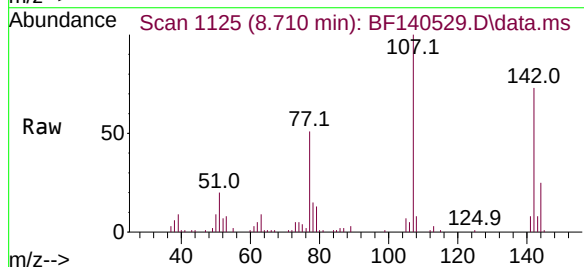
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

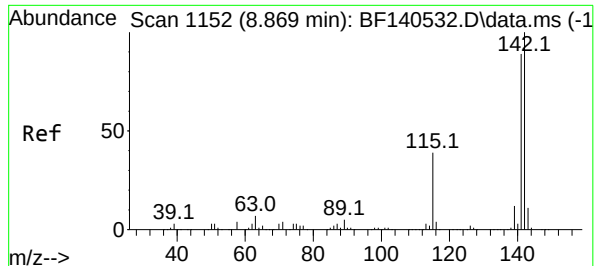
Tgt Ion:113 Resp: 8985
Ion Ratio Lower Upper
113 100
55 159.1 137.7 177.7
56 125.3 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 5.467 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:107 Resp: 34404
Ion Ratio Lower Upper
107 100
144 25.2 18.7 28.1
142 72.6 58.3 87.5

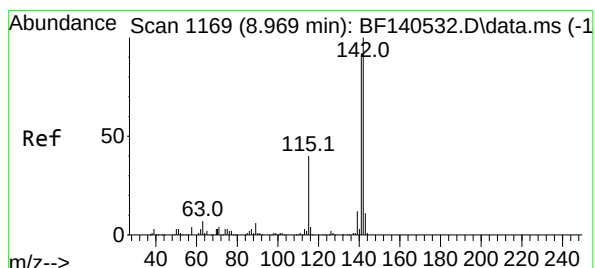
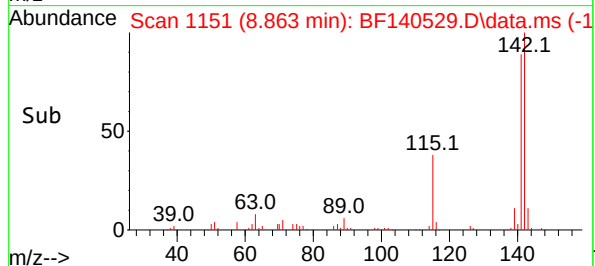
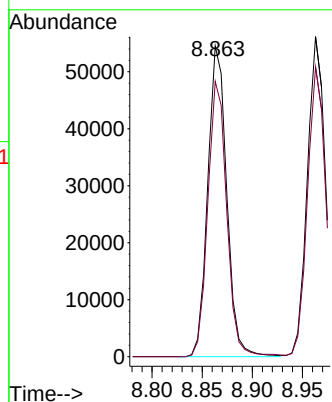
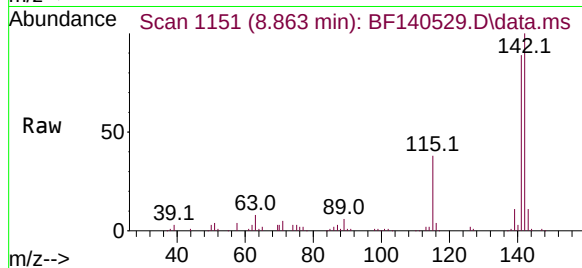




#37
2-Methylnaphthalene
Concen: 5.536 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

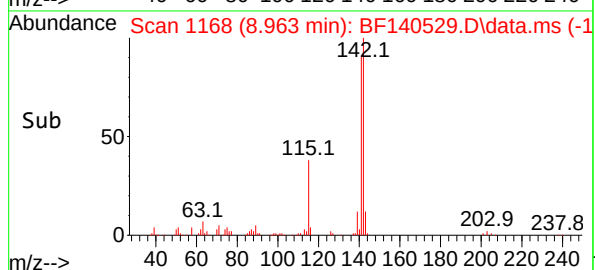
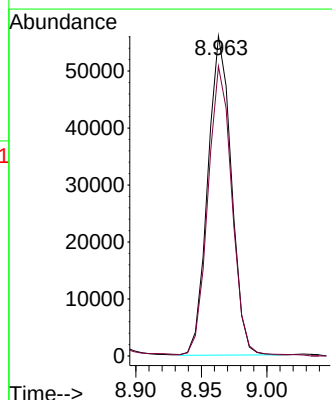
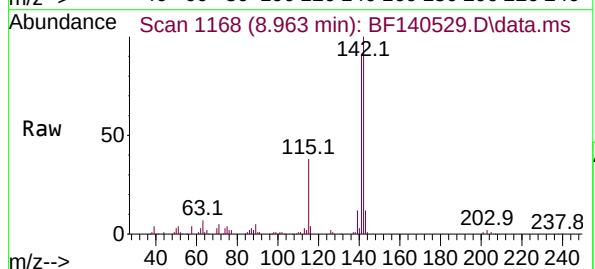
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

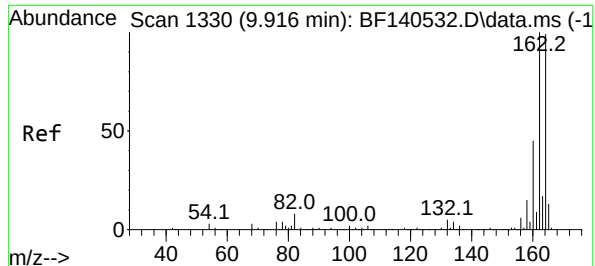
Tgt Ion:142 Resp: 71706
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6



#38
1-Methylnaphthalene
Concen: 5.510 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:142 Resp: 69955
Ion Ratio Lower Upper
142 100
141 90.5 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

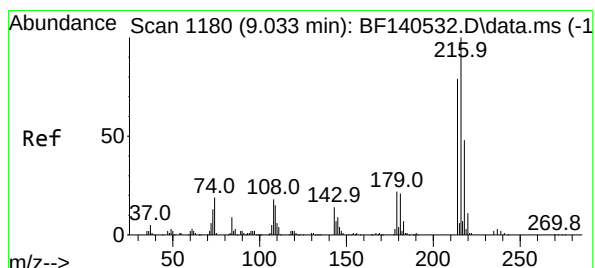
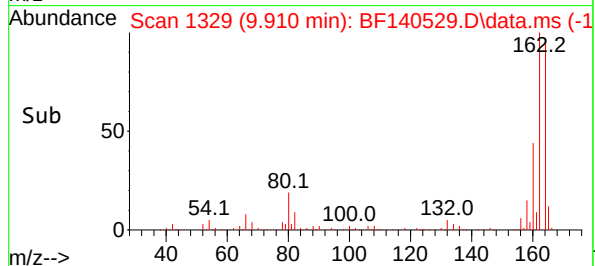
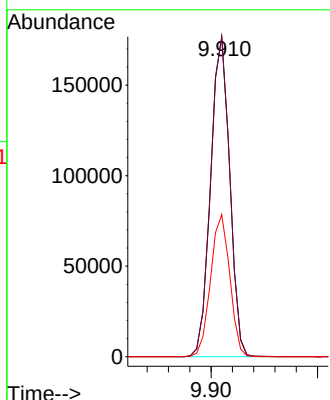
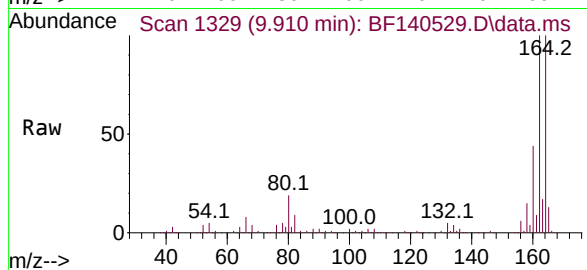
Tgt Ion:164 Resp: 219293

Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

160 44.4 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.426 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion:216 Resp: 34836

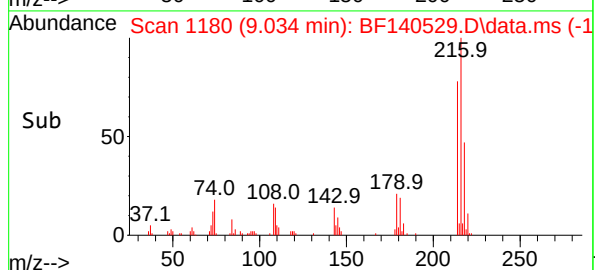
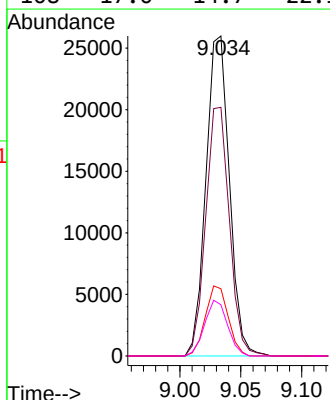
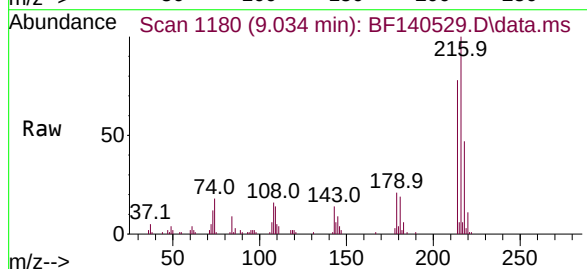
Ion Ratio Lower Upper

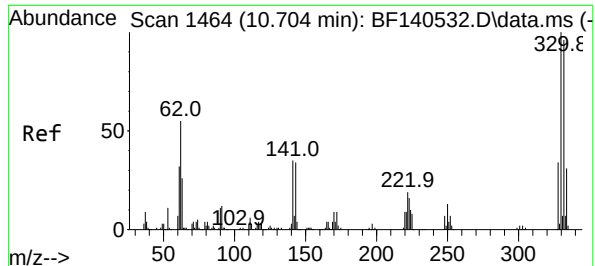
216 100

214 78.2 63.0 94.4

179 21.3 17.5 26.3

108 17.0 14.7 22.1





#42

2,4,6-Tribromophenol

Concen: 10.379 ng

RT: 10.698 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

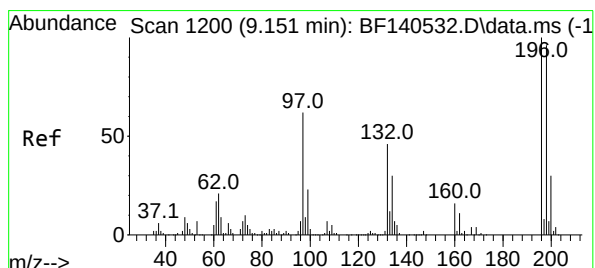
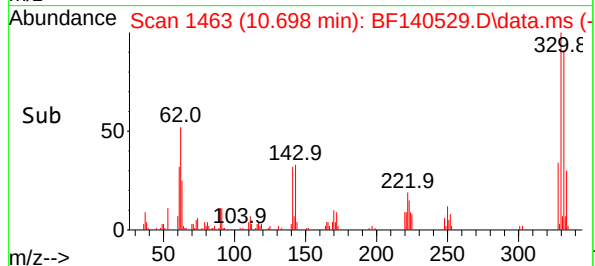
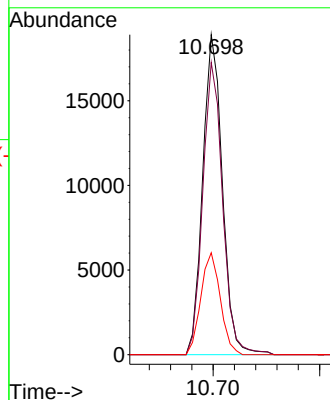
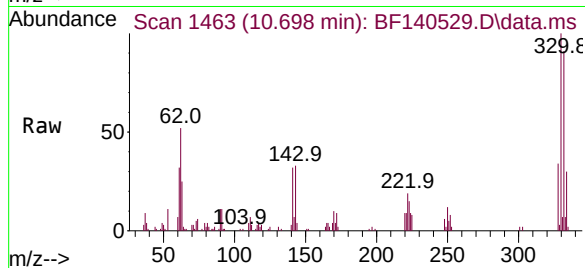
Tgt Ion:330 Resp: 24342

Ion Ratio Lower Upper

330 100

332 91.8 76.9 115.3

141 31.5 26.7 40.1



#43

2,4,6-Trichlorophenol

Concen: 5.224 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

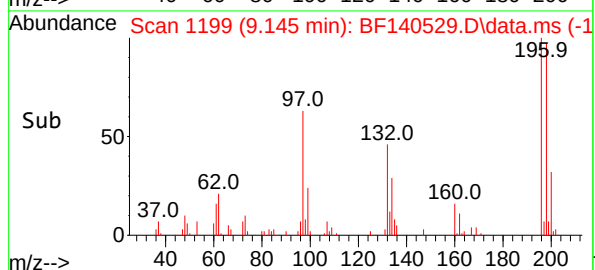
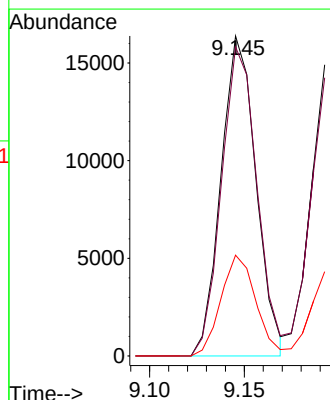
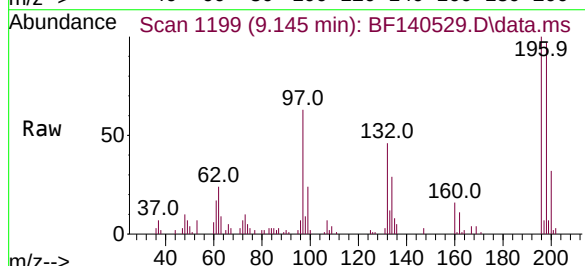
Tgt Ion:196 Resp: 21046

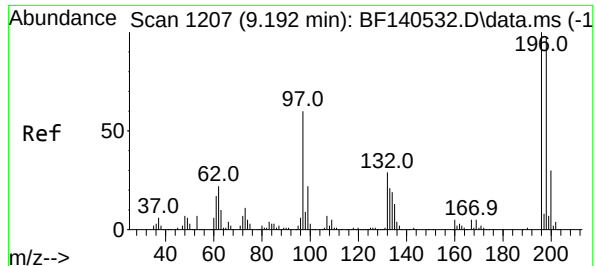
Ion Ratio Lower Upper

196 100

198 96.6 76.8 115.2

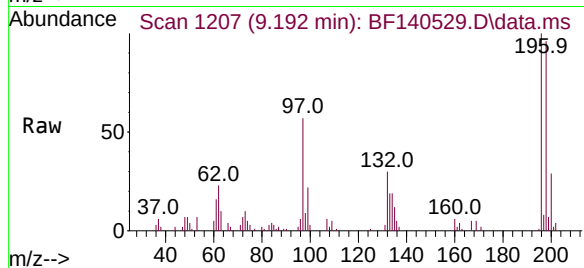
200 31.5 24.3 36.5



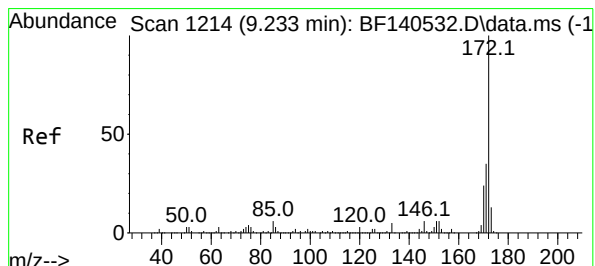
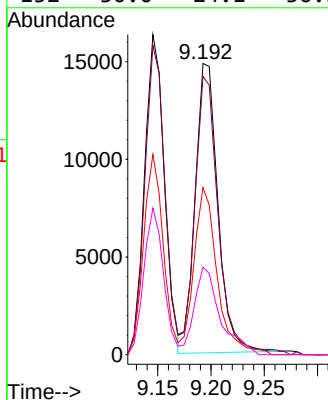
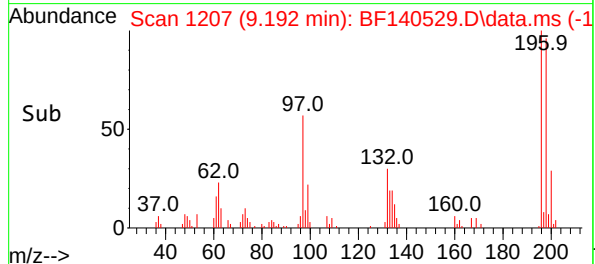


#44
2,4,5-Trichlorophenol
Concen: 5.046 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

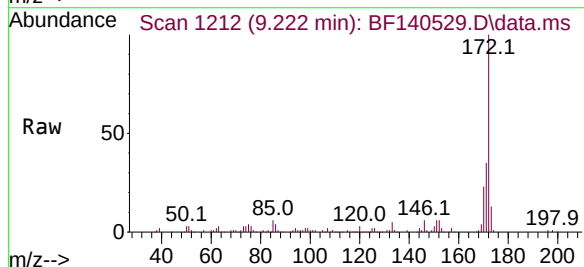
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



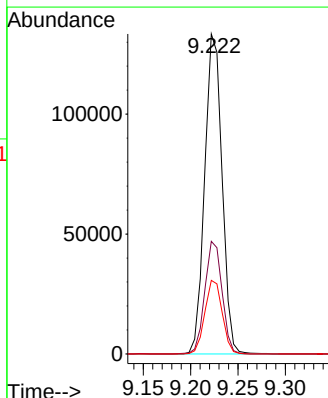
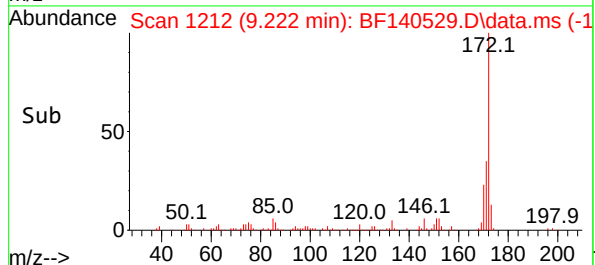
Tgt Ion:196	Resp:	22061
Ion	Ratio	Lower Upper
196	100	
198	95.5	77.2 115.8
97	57.4	47.1 70.7
132	30.0	24.1 36.1

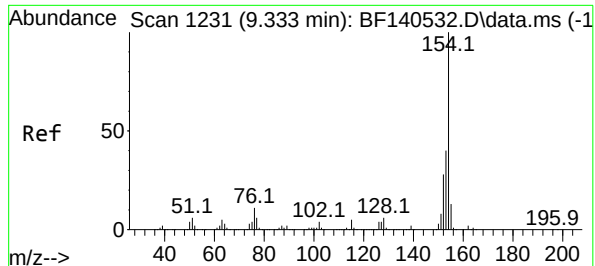


#45
2-Fluorobiphenyl
Concen: 11.550 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39



Tgt Ion:172	Resp:	170000
Ion	Ratio	Lower Upper
172	100	
171	35.2	28.4 42.6
170	23.0	19.0 28.6

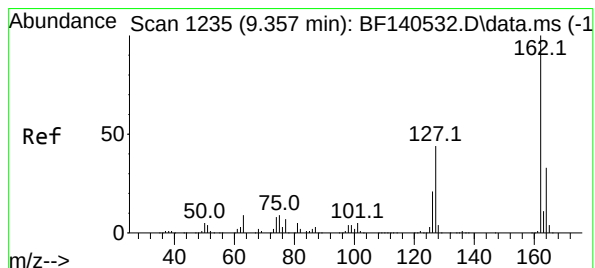
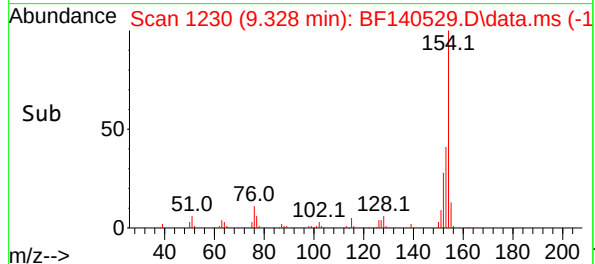
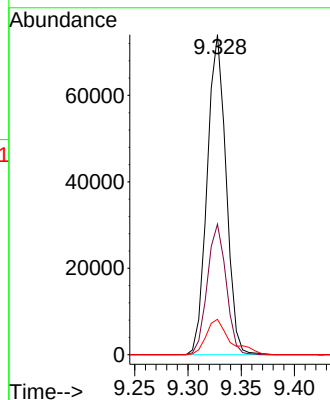
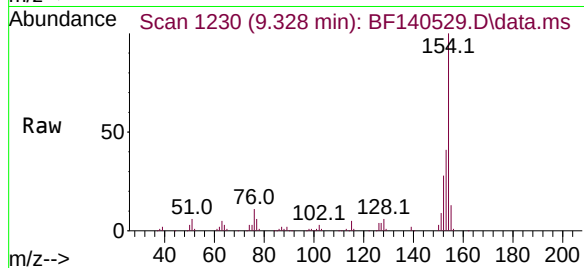




#46
1,1'-Biphenyl
Concen: 5.579 ng
RT: 9.328 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

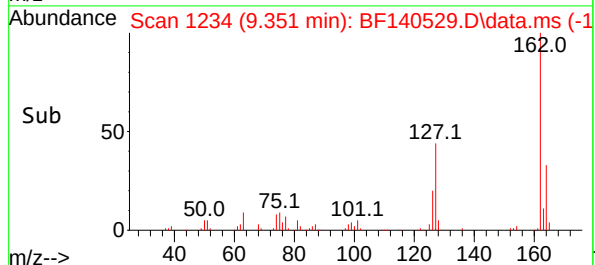
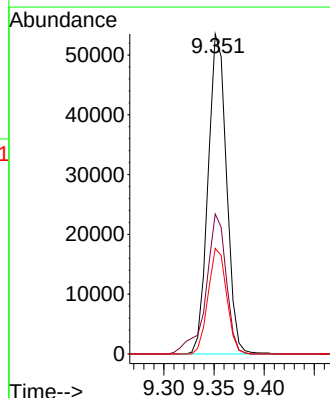
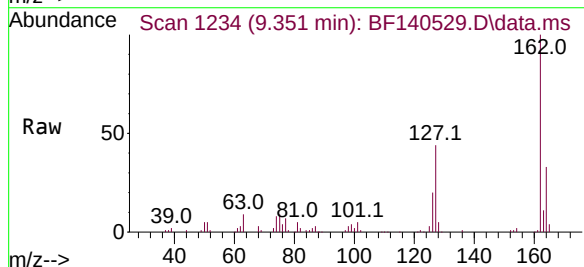
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

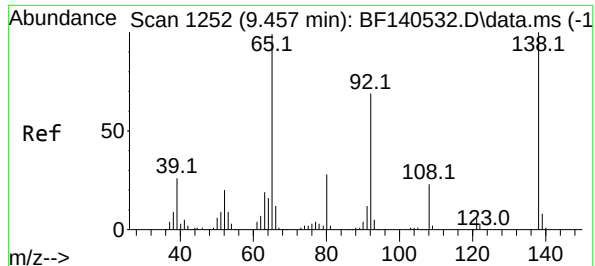
Tgt Ion:154 Resp: 91336
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.0 0.0 31.2



#47
2-Chloronaphthalene
Concen: 5.526 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:162 Resp: 68559
Ion Ratio Lower Upper
162 100
127 43.8 35.7 53.5
164 33.0 26.1 39.1

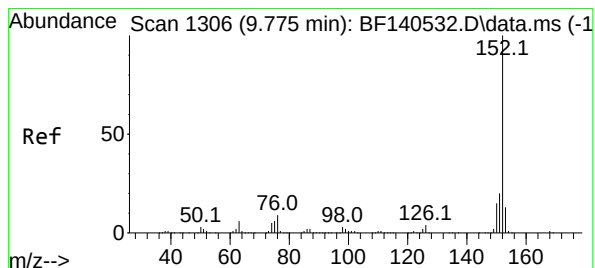
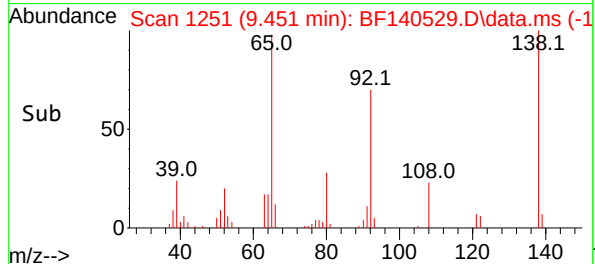
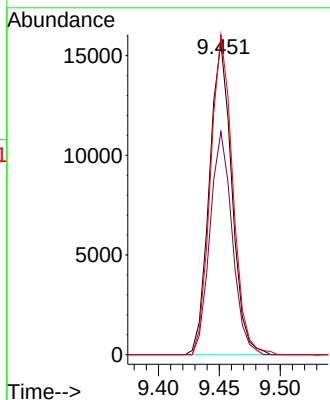
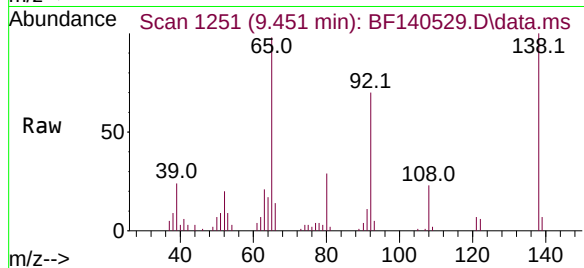




#48
2-Nitroaniline
Concen: 5.050 ng
RT: 9.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

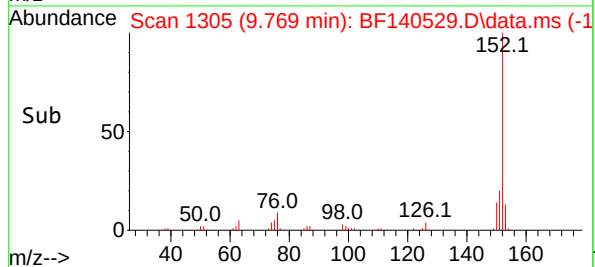
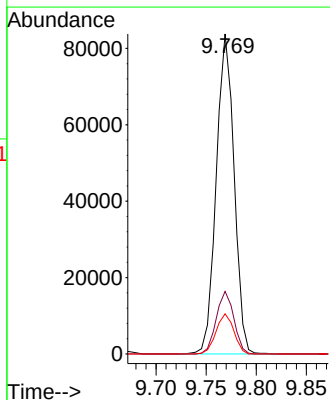
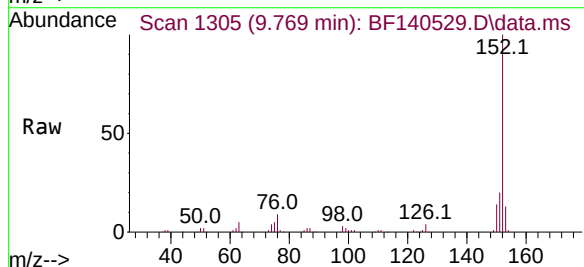
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

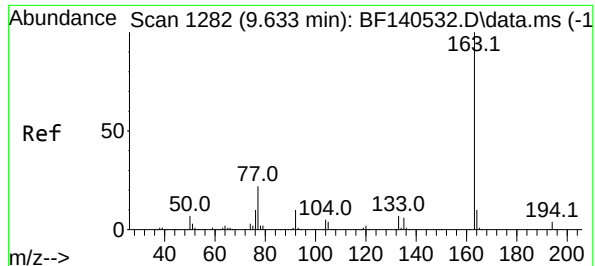
Tgt Ion: 65 Resp: 20109
Ion Ratio Lower Upper
65 100
92 71.4 56.1 84.1
138 102.5 81.0 121.6



#49
Acenaphthylene
Concen: 5.527 ng
RT: 9.769 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion: 152 Resp: 103605
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 12.6 10.6 16.0

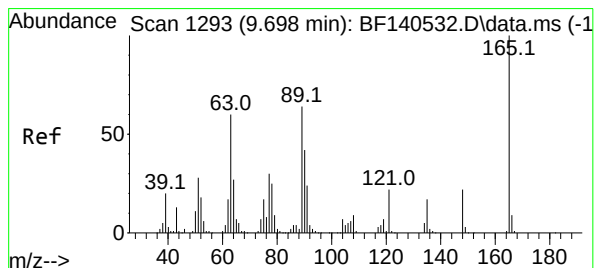
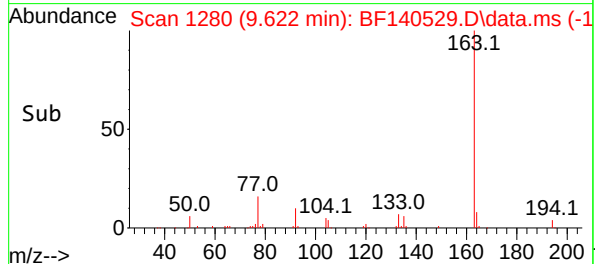
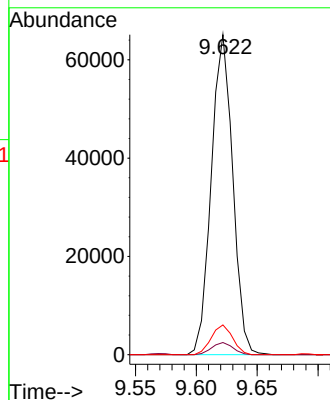
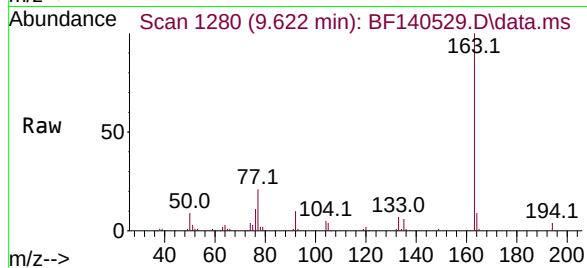




#50
Dimethylphthalate
Concen: 5.523 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

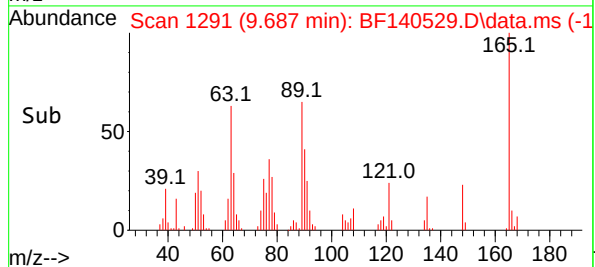
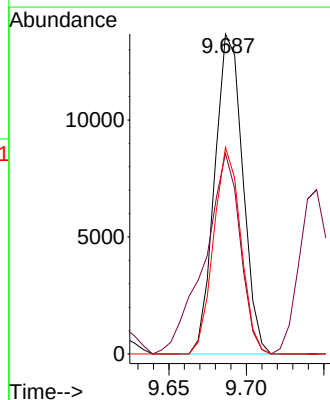
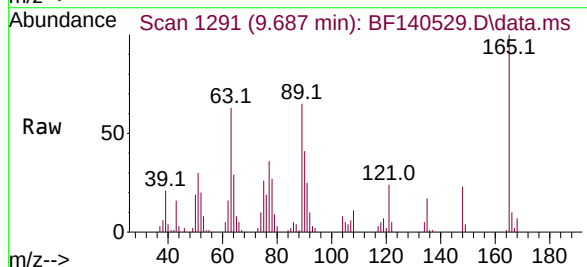
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

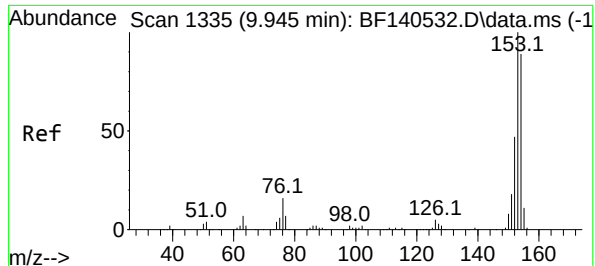
Tgt Ion:163 Resp: 79770
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.3 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 5.256 ng
RT: 9.687 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:165 Resp: 17217
Ion Ratio Lower Upper
165 100
63 62.7 49.9 74.9
89 64.6 50.9 76.3

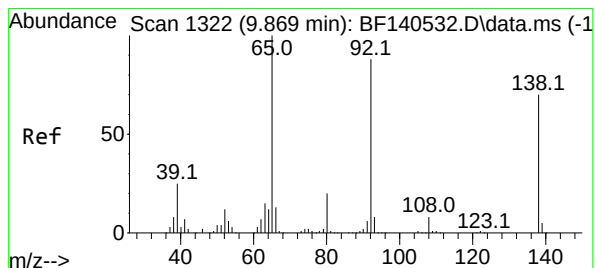
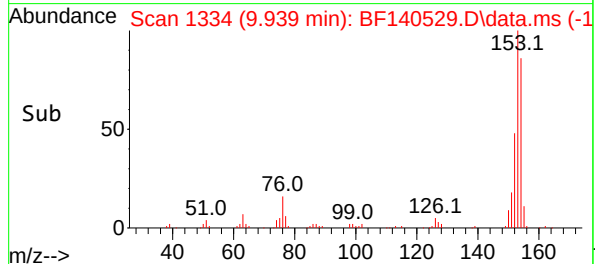
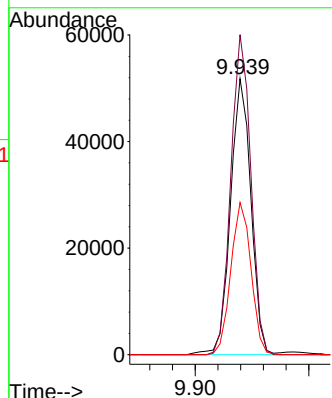
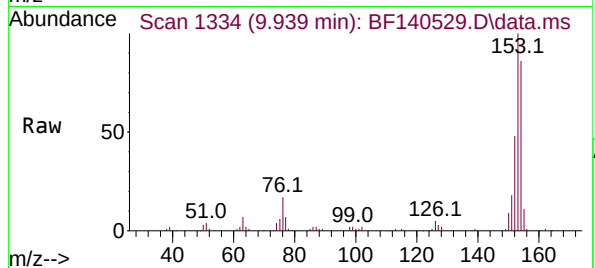




#52
Acenaphthene
Concen: 5.337 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

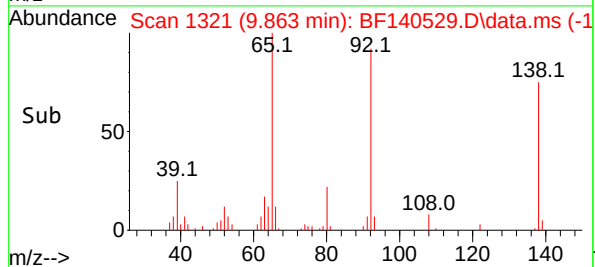
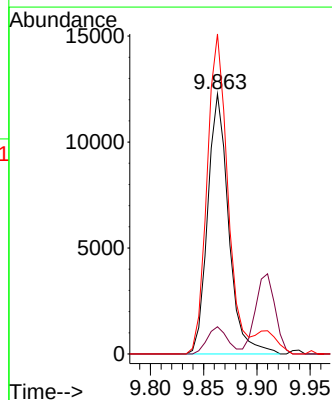
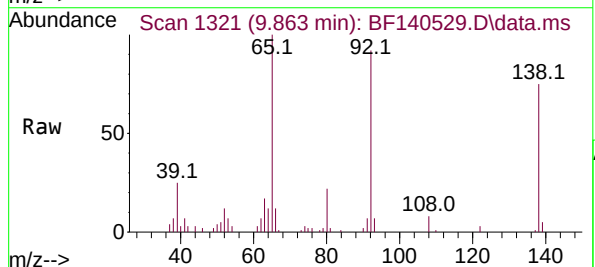
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

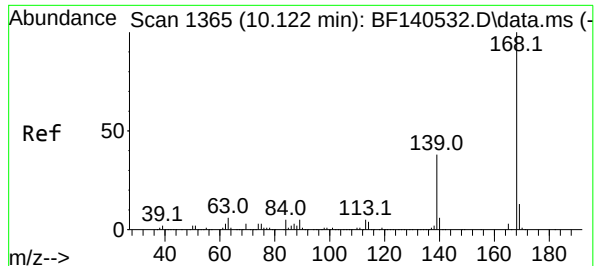
Tgt Ion:154 Resp: 64777
Ion Ratio Lower Upper
154 100
153 116.0 89.7 134.5
152 55.1 42.5 63.7



#53
3-Nitroaniline
Concen: 5.257 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:138 Resp: 16842
Ion Ratio Lower Upper
138 100
108 10.5 9.2 13.8
92 123.1 100.6 150.8





#55

Dibenzenofuran

Concen: 5.727 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

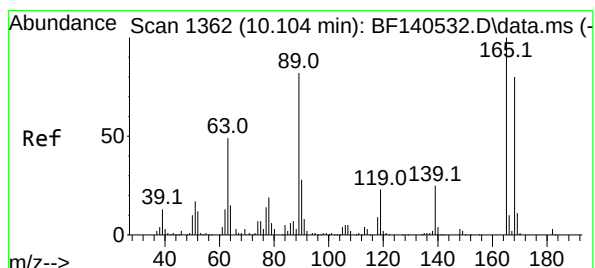
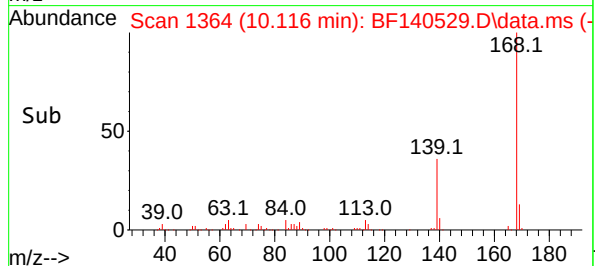
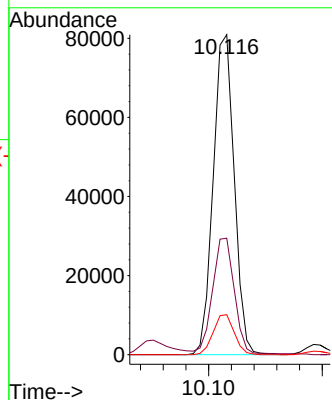
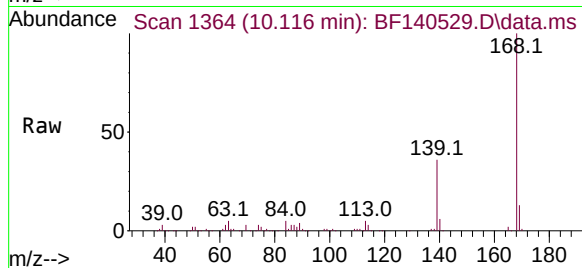
Tgt Ion:168 Resp: 104044

Ion Ratio Lower Upper

168 100

139 36.4 31.3 46.9

169 12.5 10.5 15.7



#57

2,4-Dinitrotoluene

Concen: 5.079 ng

RT: 10.098 min Scan# 1361

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion:165 Resp: 22110

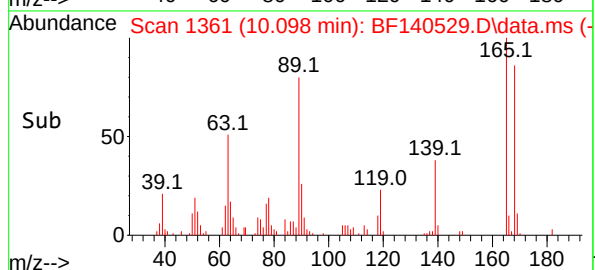
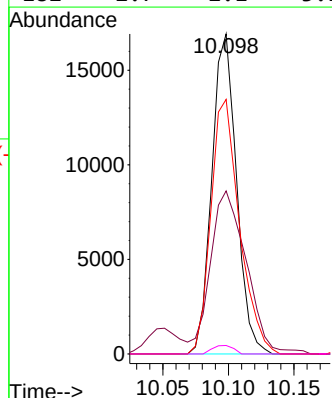
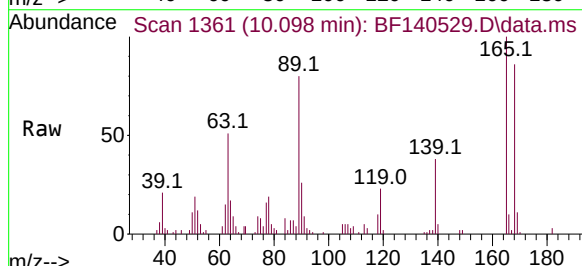
Ion Ratio Lower Upper

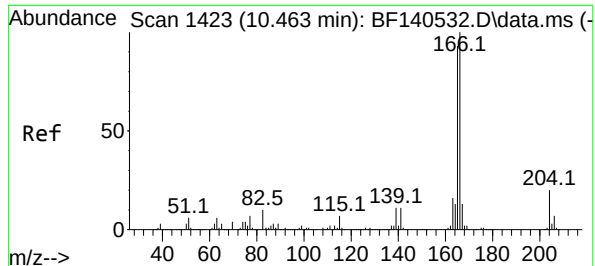
165 100

63 50.9 41.7 62.5

89 79.6 65.8 98.8

182 2.7 2.1 3.1

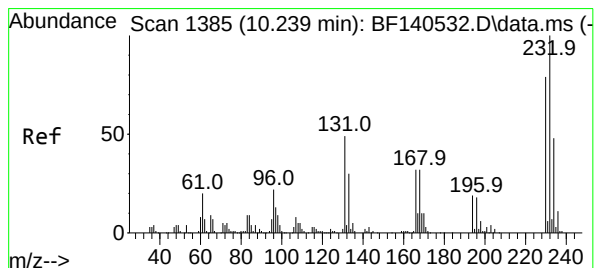
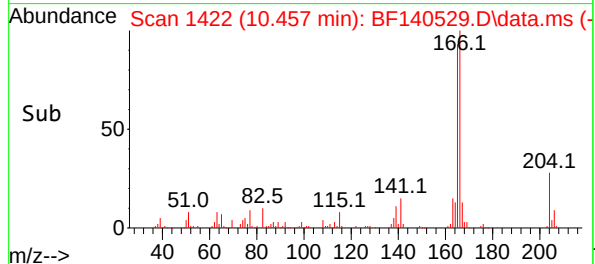
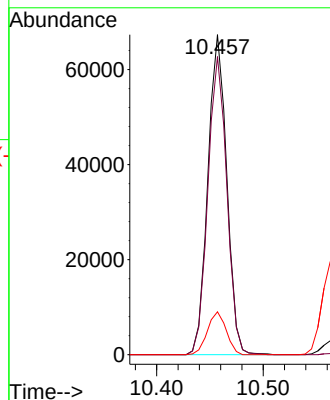
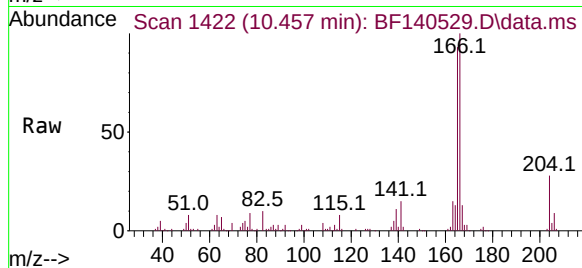




#58
Fluorene
Concen: 5.674 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

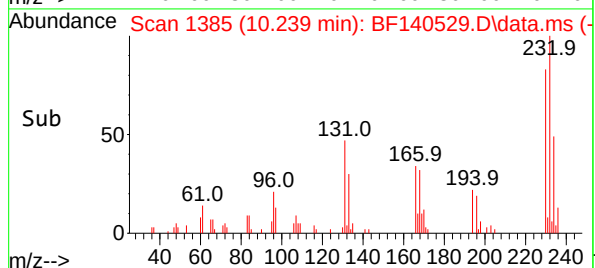
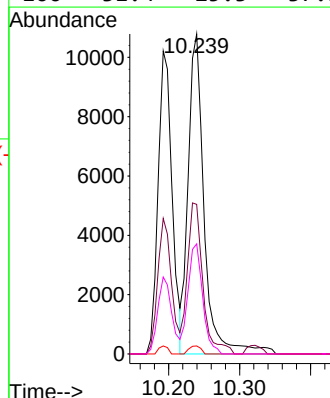
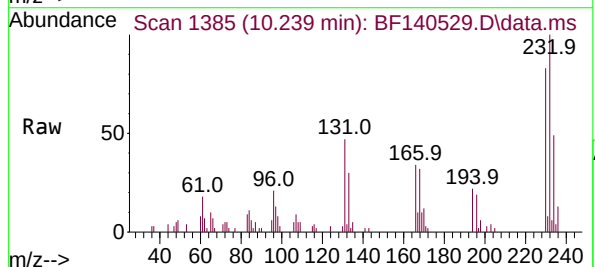
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

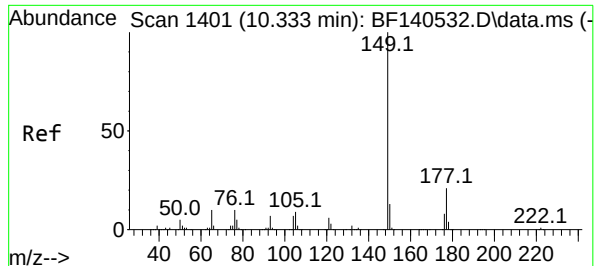
Tgt Ion:166 Resp: 82732
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.4 10.6 16.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 5.007 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:232 Resp: 16825
Ion Ratio Lower Upper
232 100
131 45.4 39.6 59.4
130 1.8 1.9 2.9#
166 31.4 25.3 37.9





#60

Diethylphthalate

Concen: 5.587 ng

RT: 10.322 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

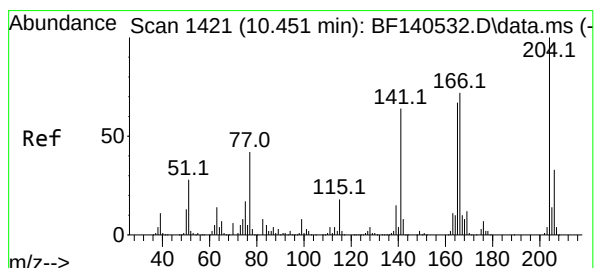
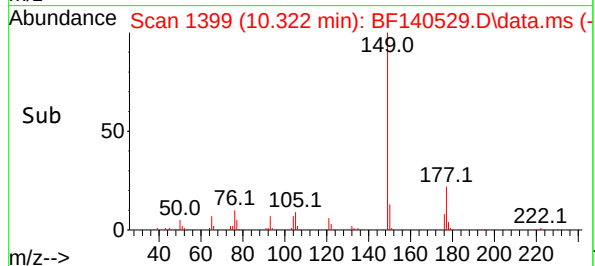
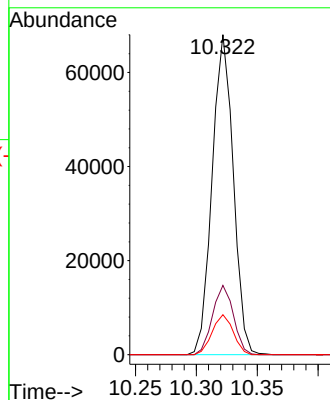
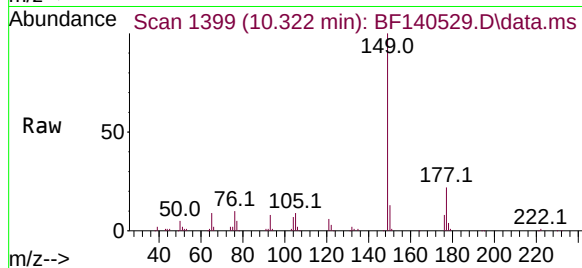
Tgt Ion:149 Resp: 81981

Ion Ratio Lower Upper

149 100

177 21.7 17.1 25.7

150 12.5 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 5.665 ng

RT: 10.451 min Scan# 1421

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

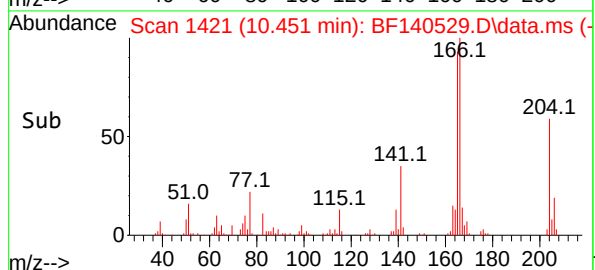
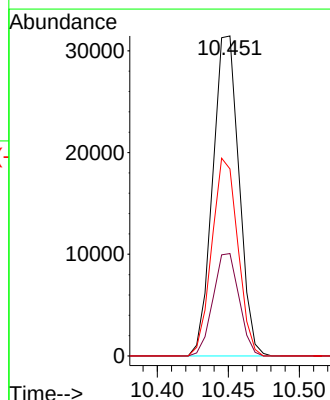
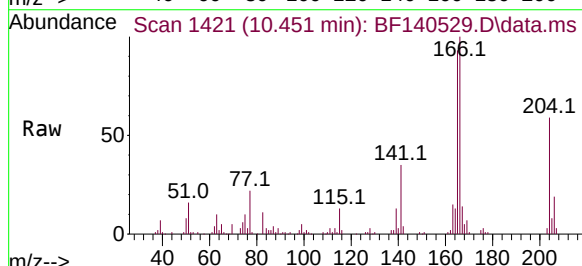
Tgt Ion:204 Resp: 40537

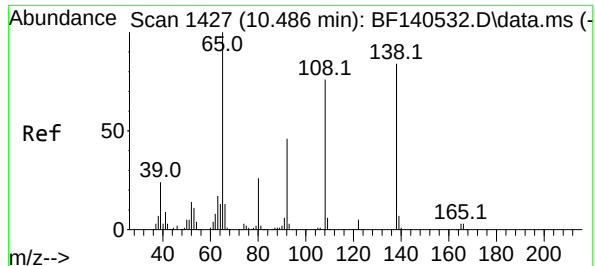
Ion Ratio Lower Upper

204 100

206 32.0 26.6 40.0

141 58.5 51.1 76.7





#62

4-Nitroaniline

Concen: 5.014 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.018 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

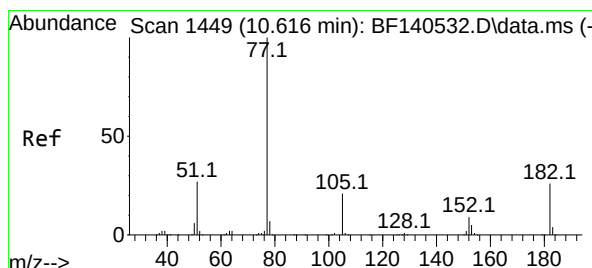
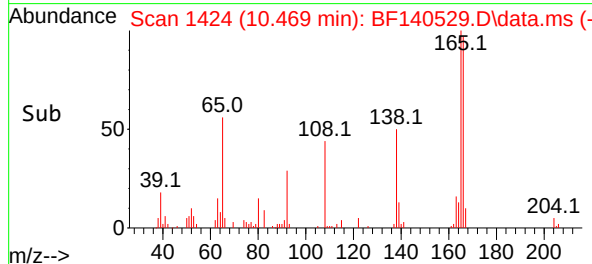
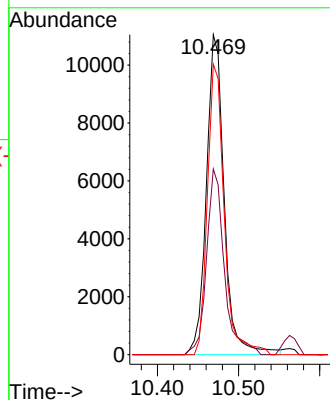
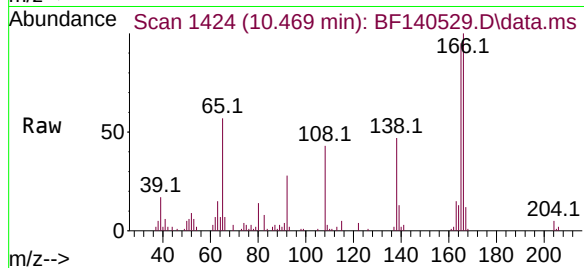
Tgt Ion:138 Resp: 16848

Ion Ratio Lower Upper

138 100

92 58.1 34.5 74.5

108 90.7 70.6 110.6



#63

Azobenzene

Concen: 5.549 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion: 77 Resp: 77108

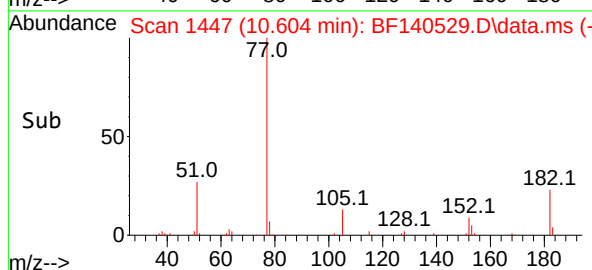
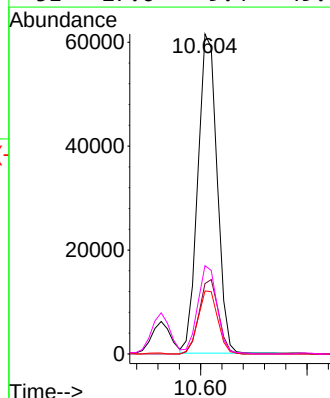
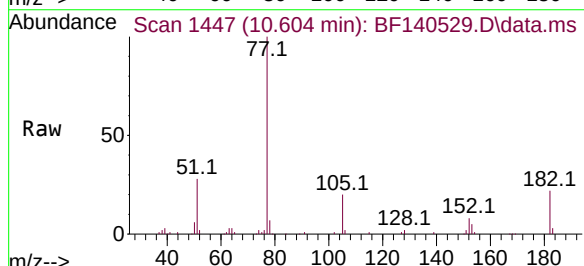
Ion Ratio Lower Upper

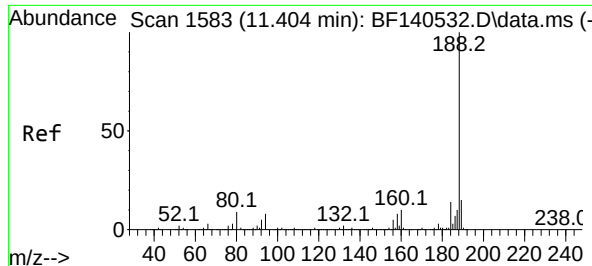
77 100

182 22.0 5.3 45.3

105 19.7 0.3 40.3

51 27.6 9.4 49.4

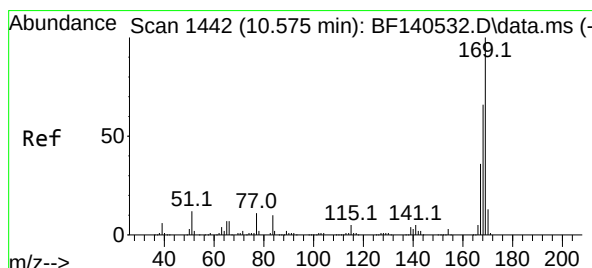
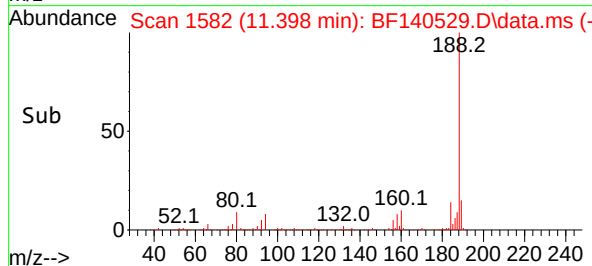
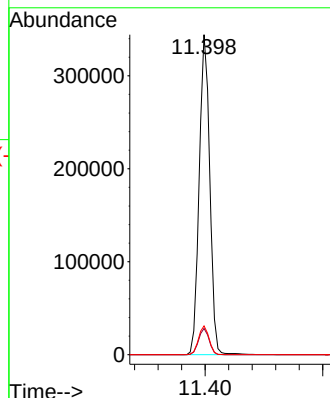
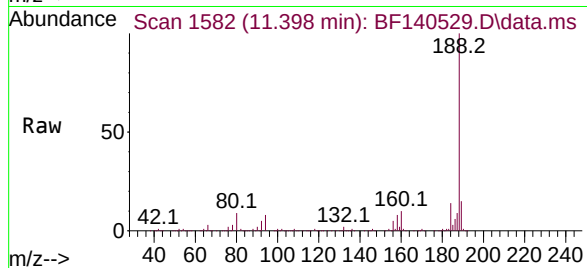




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

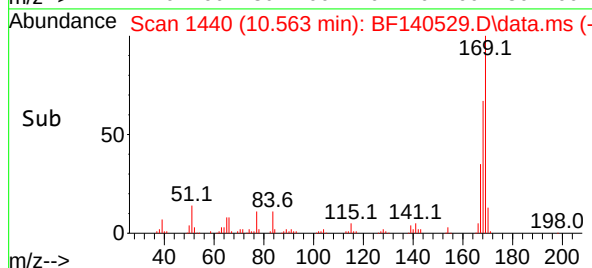
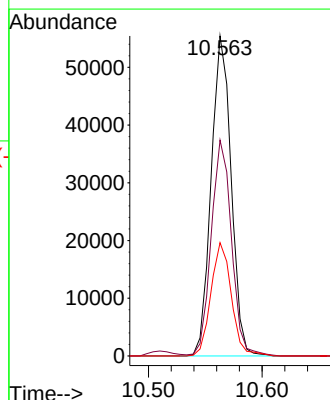
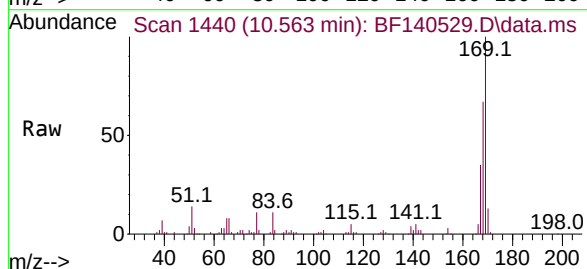
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

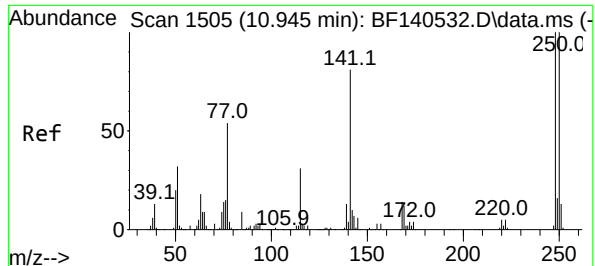
Tgt Ion:188 Resp: 428851
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.0 6.9 10.3



#66
n-Nitrosodiphenylamine
Concen: 5.346 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:169 Resp: 67794
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 35.4 29.0 43.6

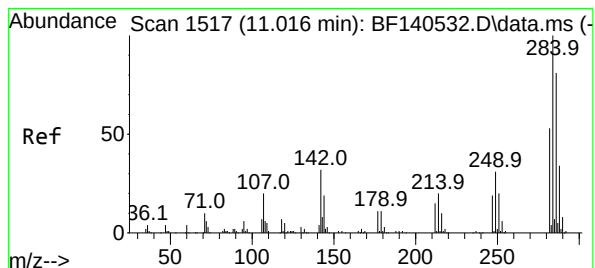
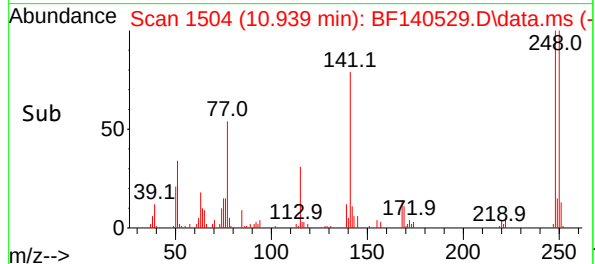
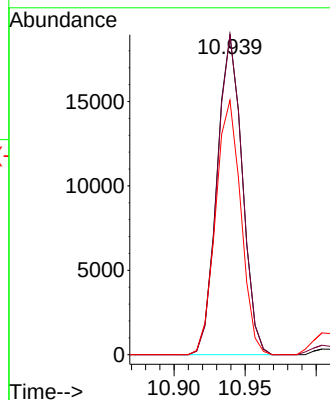
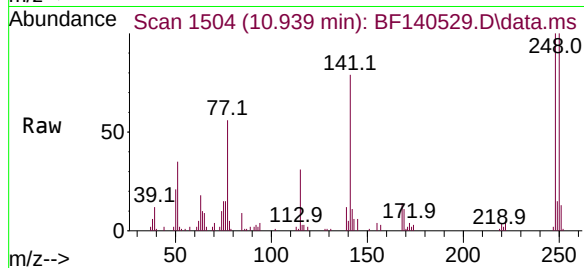




#67
4-Bromophenyl-phenylether
Concen: 5.288 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

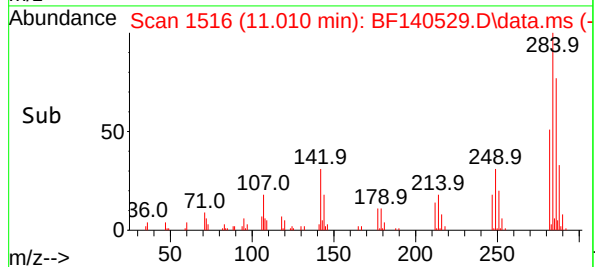
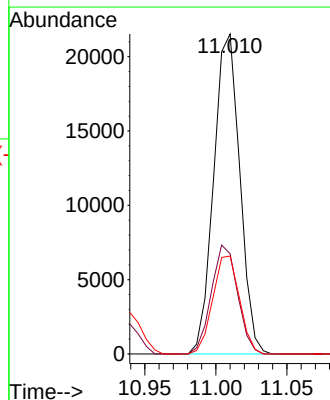
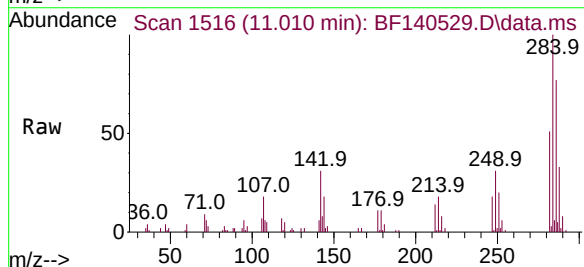
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

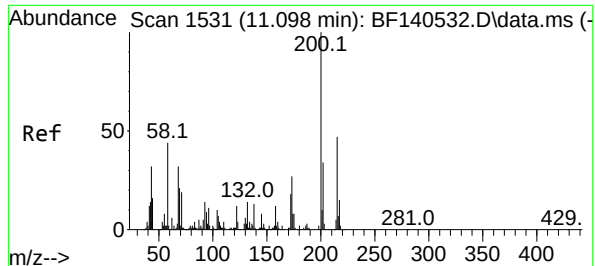
Tgt Ion:248 Resp: 23355
Ion Ratio Lower Upper
248 100
250 99.9 79.8 119.8
141 79.5 64.7 97.1



#68
Hexachlorobenzene
Concen: 5.384 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:284 Resp: 27532
Ion Ratio Lower Upper
284 100
142 31.3 25.3 37.9
249 30.6 24.8 37.2





#69

Atrazine

Concen: 5.452 ng

RT: 11.086 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

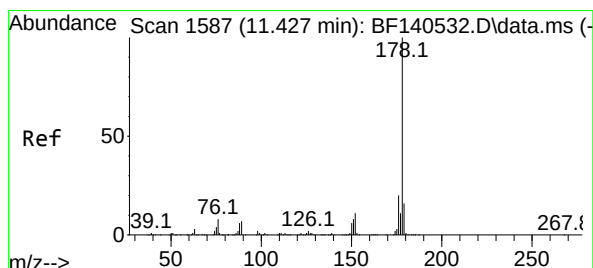
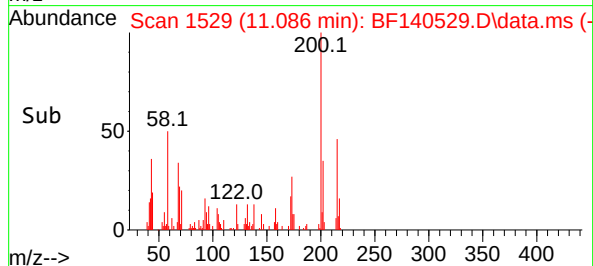
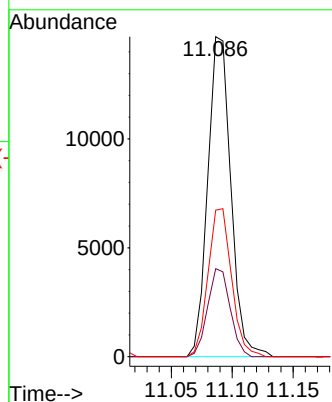
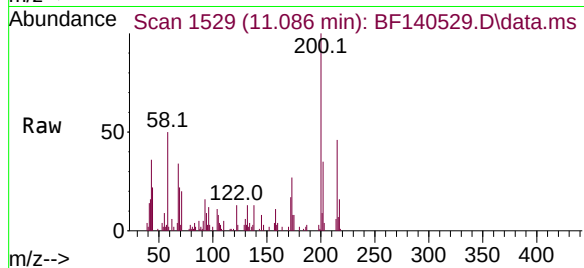
Tgt Ion:200 Resp: 19452

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

215 45.8 26.7 66.7



#71

Phenanthrene

Concen: 5.584 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

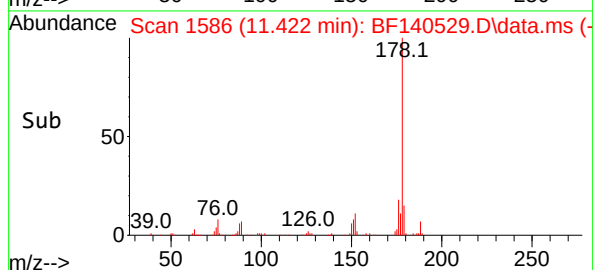
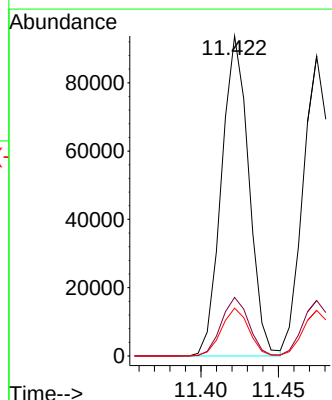
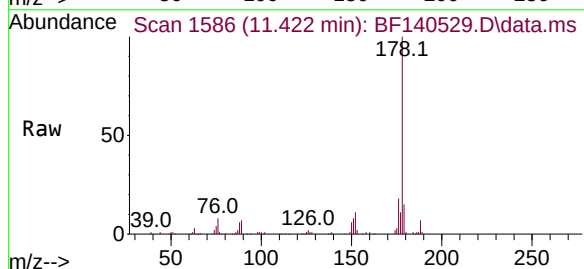
Tgt Ion:178 Resp: 115121

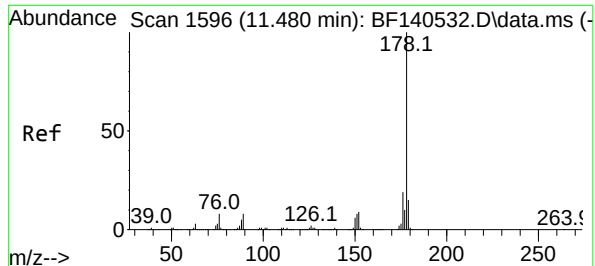
Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.6

179 14.9 12.4 18.6

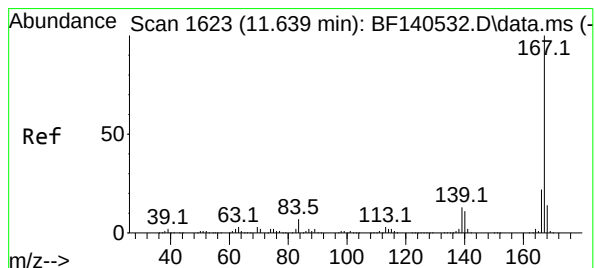
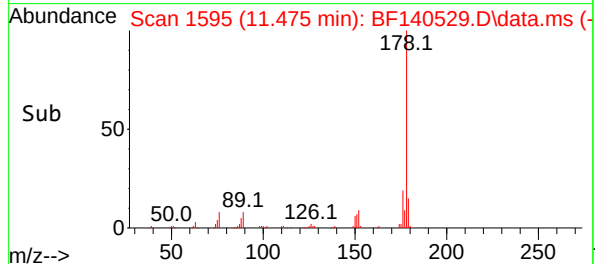
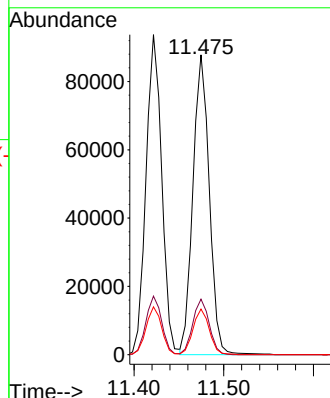
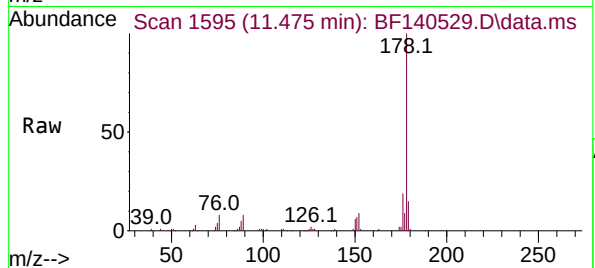




#72
Anthracene
Concen: 5.520 ng
RT: 11.475 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

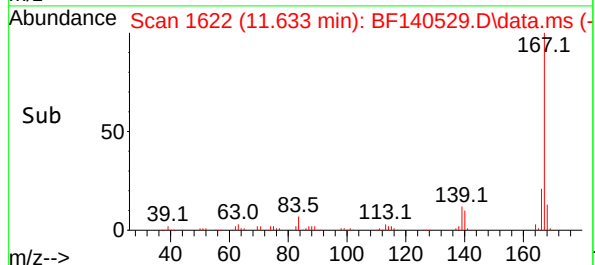
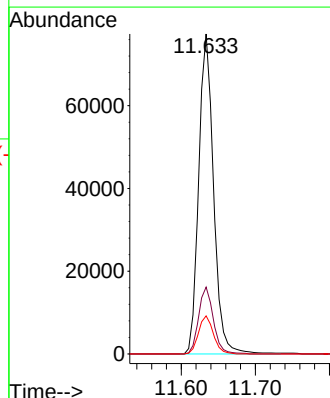
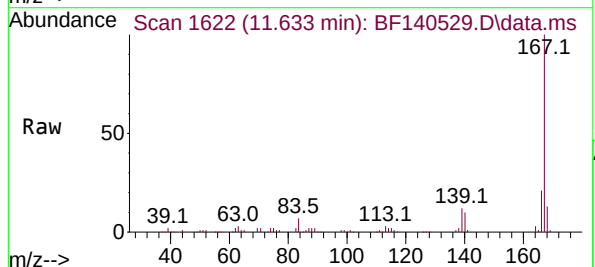
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

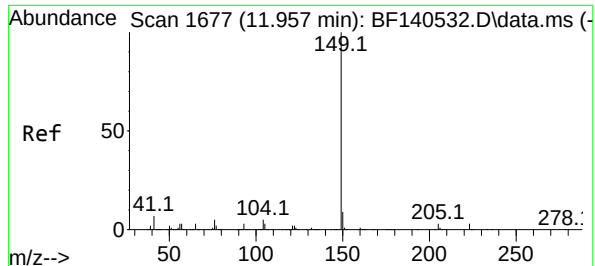
Tgt Ion:178 Resp: 111316
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.2 12.2 18.4



#73
Carbazole
Concen: 5.549 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:167 Resp: 107643
Ion Ratio Lower Upper
167 100
166 20.9 17.2 25.8
139 11.9 10.6 15.8

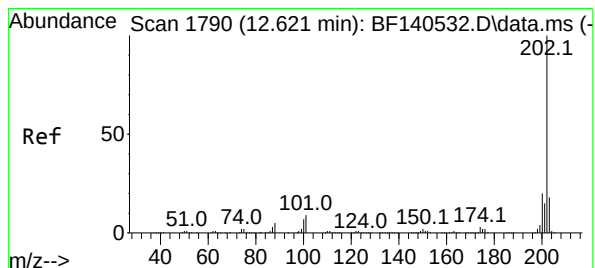
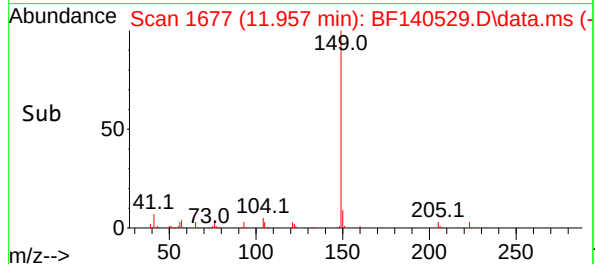
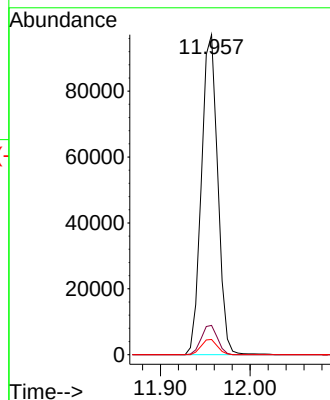
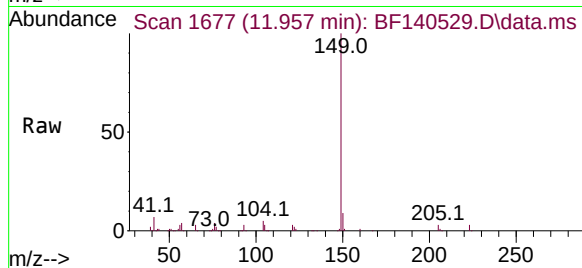




#74
Di-n-butylphthalate
Concen: 5.478 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

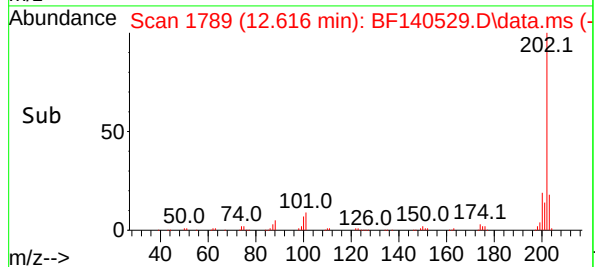
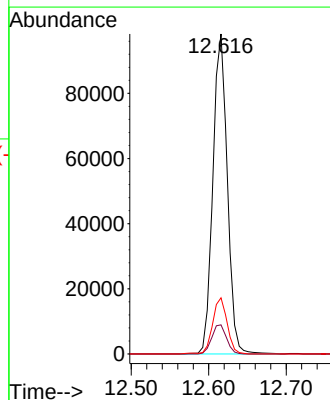
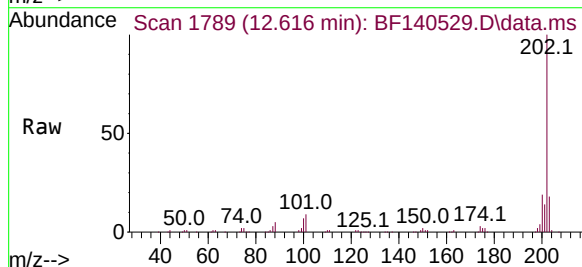
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

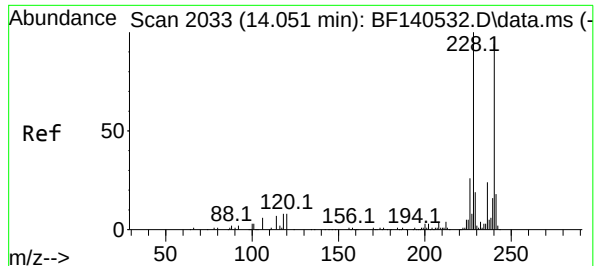
Tgt Ion:149 Resp: 122687
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.7 4.1 6.1



#75
Fluoranthene
Concen: 5.683 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:202 Resp: 127194
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.9
203 17.5 0.0 37.6

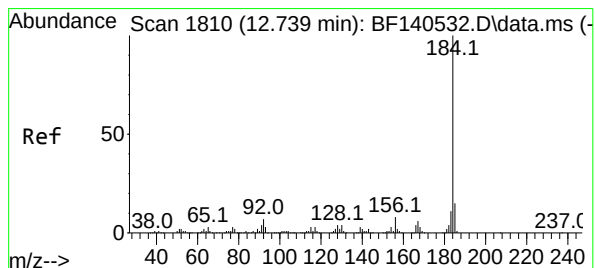
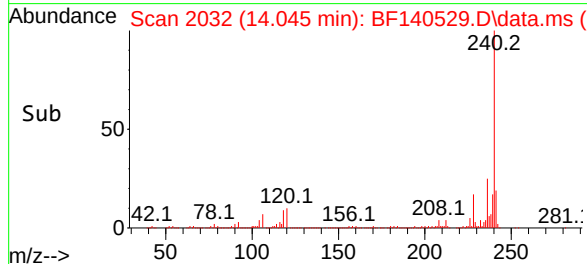
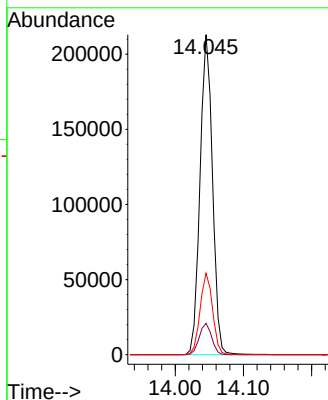
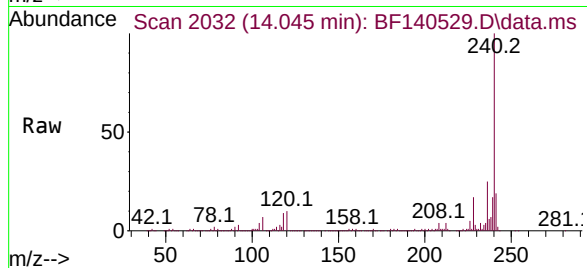




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

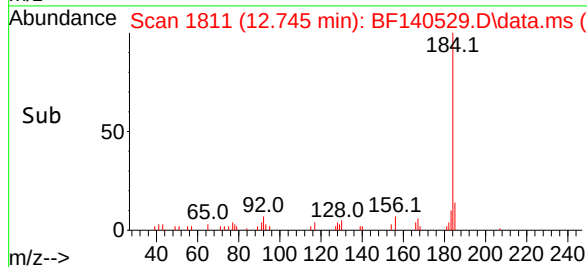
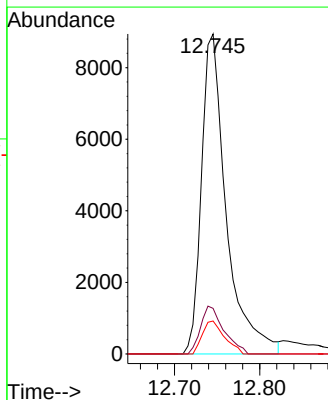
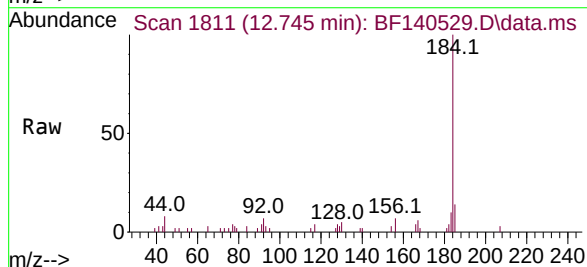
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

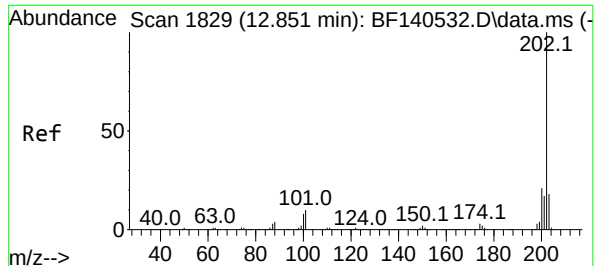
Tgt Ion:240 Resp: 270381
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 25.5 20.6 31.0



#77
Benzidine
Concen: 2.303 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:184 Resp: 18105
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.3 8.8 13.2

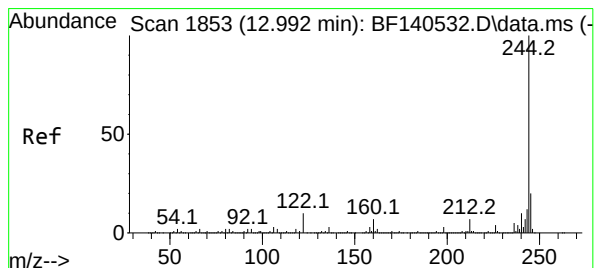
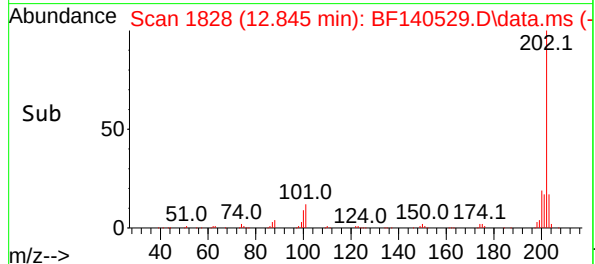
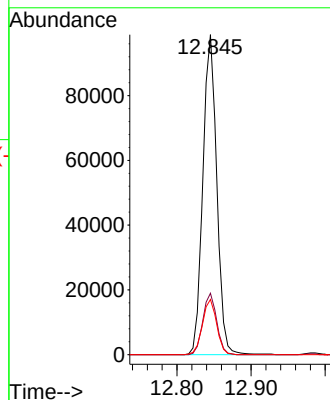
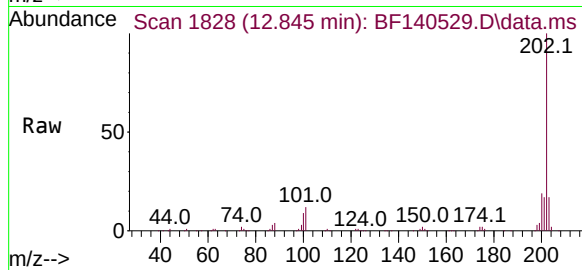




#78
Pyrene
Concen: 5.150 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

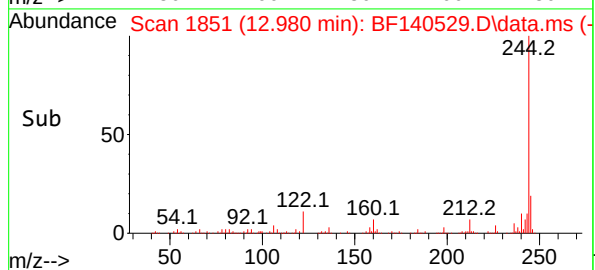
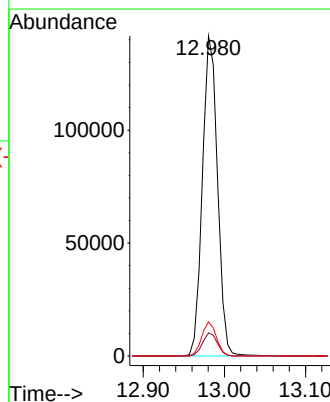
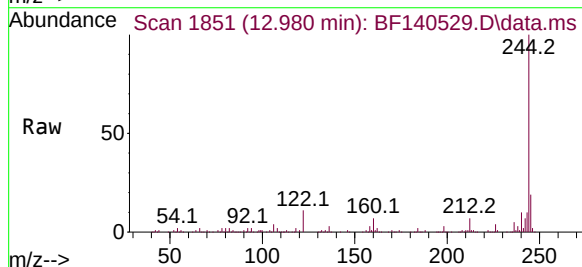
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

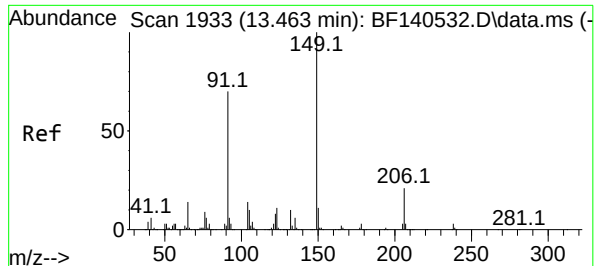
Tgt Ion:202 Resp: 128760
Ion Ratio Lower Upper
202 100
200 19.2 16.5 24.7
203 17.3 14.2 21.4



#79
Terphenyl-d14
Concen: 10.522 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:244 Resp: 182707
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.7 8.0 12.0





#80

Butylbenzylphthalate

Concen: 5.073 ng

RT: 13.457 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

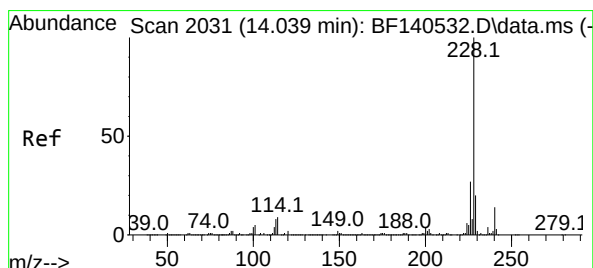
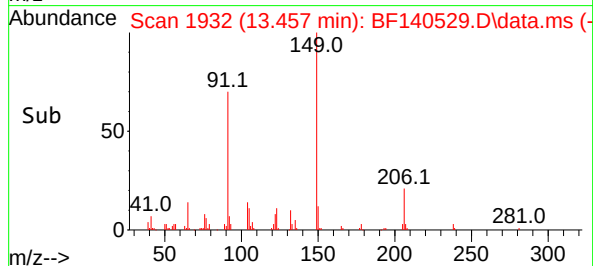
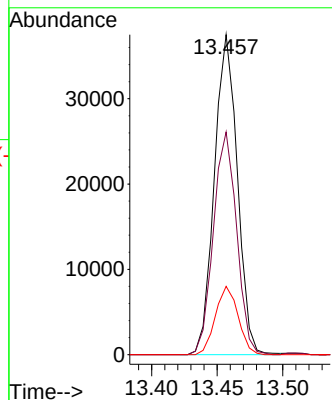
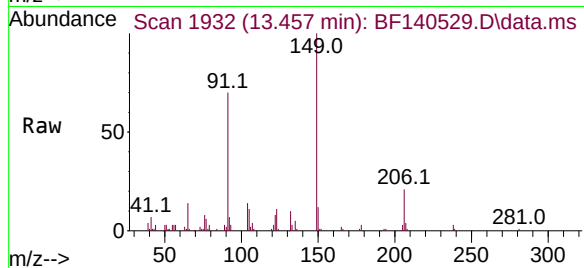
Tgt Ion:149 Resp: 45690

Ion Ratio Lower Upper

149 100

91 69.6 56.2 84.2

206 21.4 16.4 24.6



#81

Benzo(a)anthracene

Concen: 5.321 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

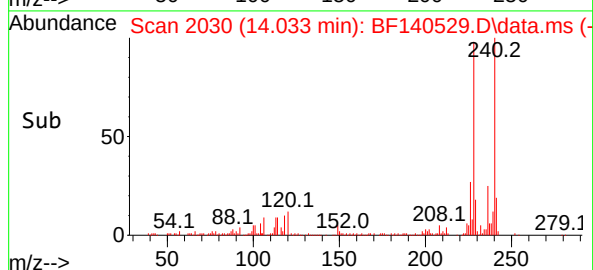
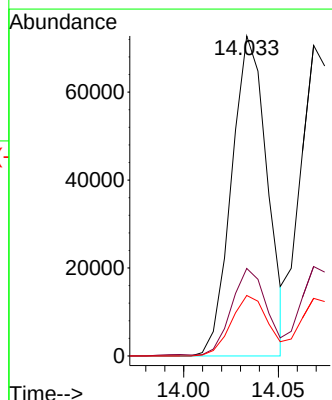
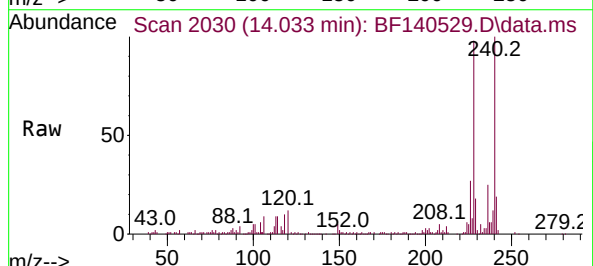
Tgt Ion:228 Resp: 95229

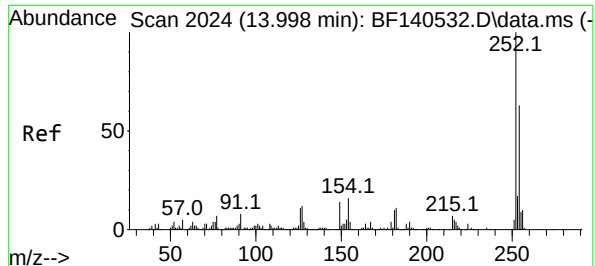
Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 18.9 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 4.712 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

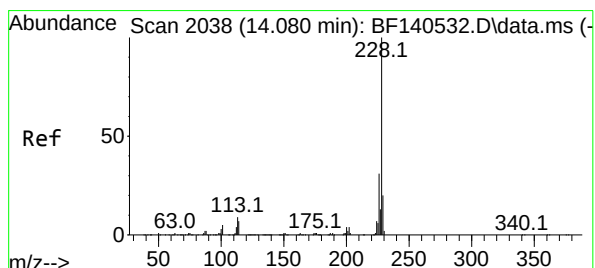
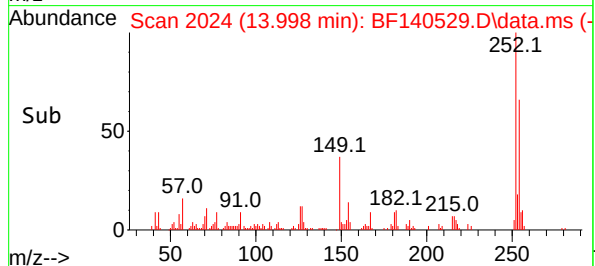
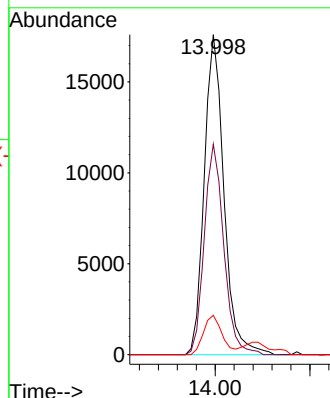
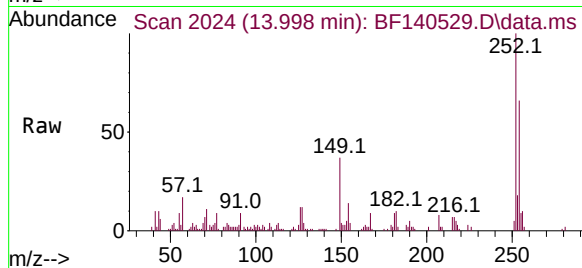
Tgt Ion:252 Resp: 25321

Ion Ratio Lower Upper

252 100

254 65.8 50.8 76.2

126 12.3 8.6 13.0



#83

Chrysene

Concen: 5.593 ng

RT: 14.069 min Scan# 2036

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

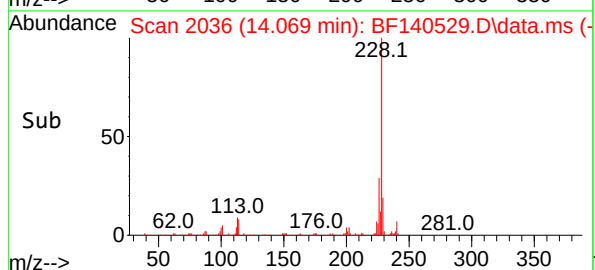
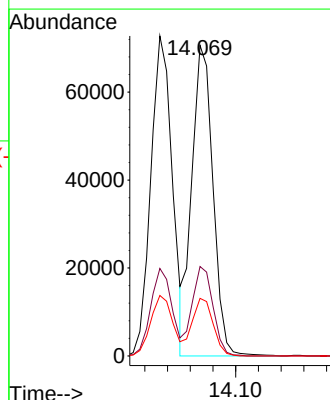
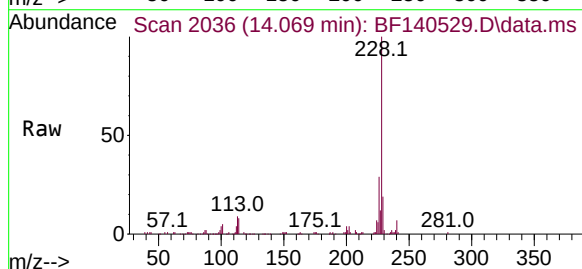
Tgt Ion:228 Resp: 91528

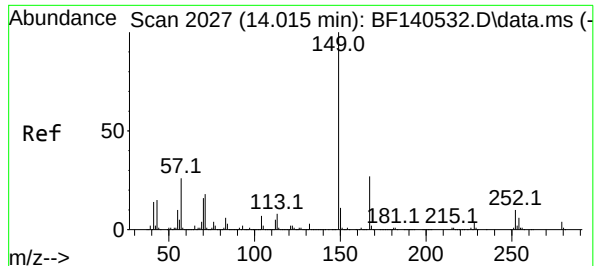
Ion Ratio Lower Upper

228 100

226 28.8 24.4 36.6

229 18.5 15.8 23.6

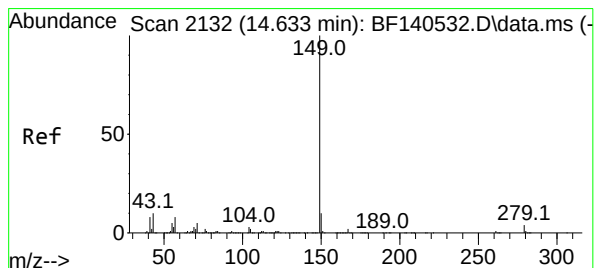
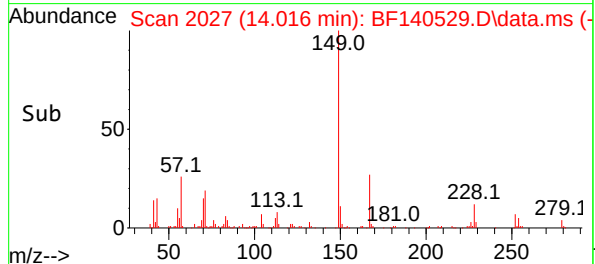
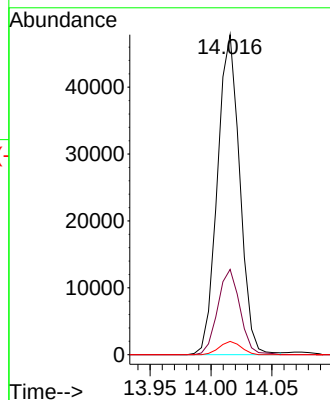
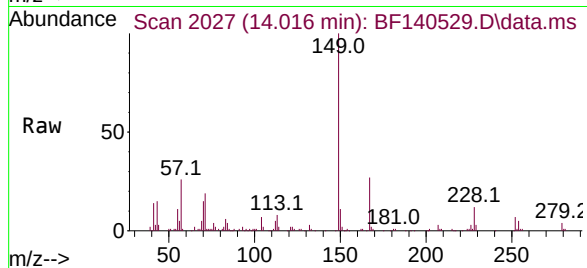




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.371 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

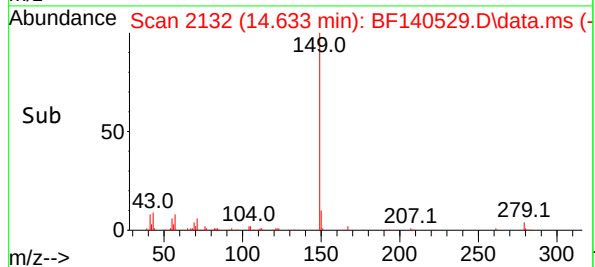
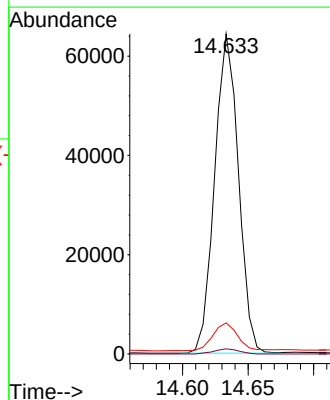
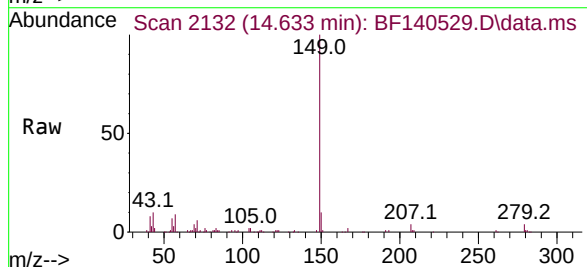
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

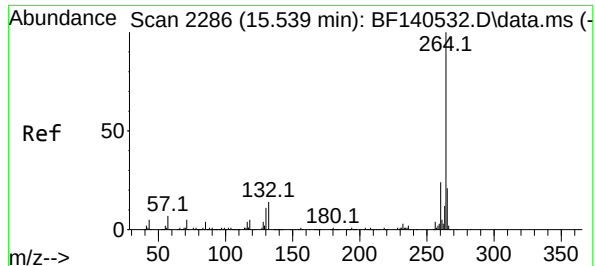
Tgt Ion:149 Resp: 61082
Ion Ratio Lower Upper
149 100
167 26.7 21.2 31.8
279 4.1 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 5.211 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:149 Resp: 80990
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.3 7.7 11.5

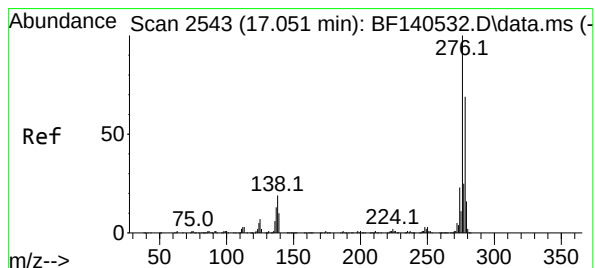
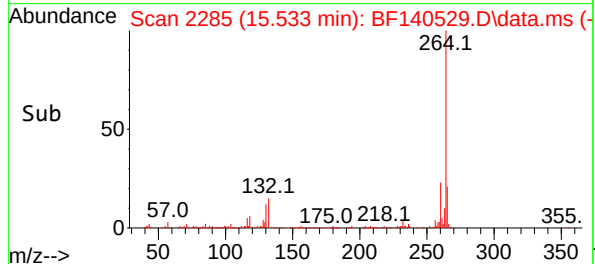
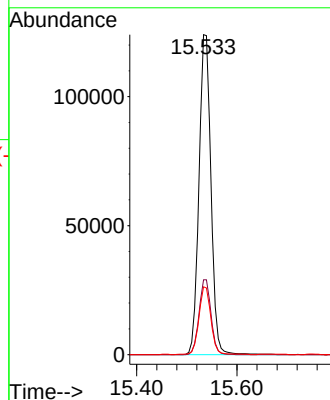
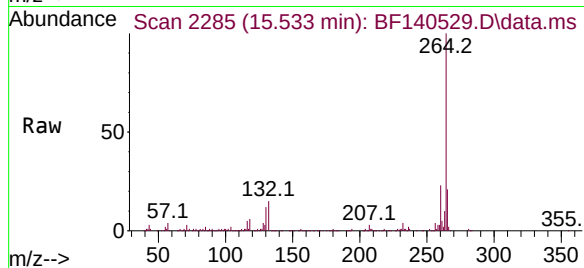




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

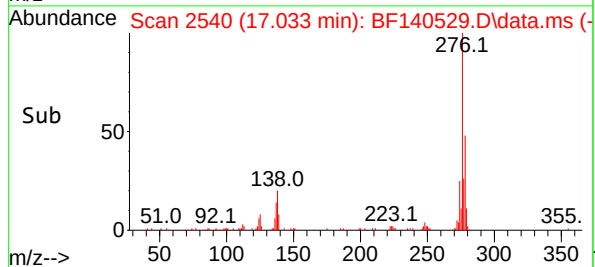
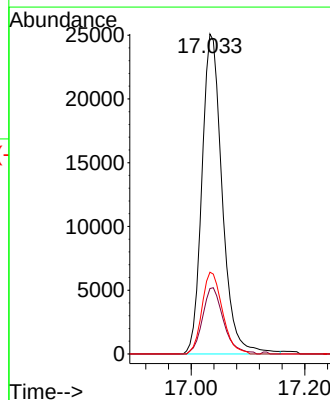
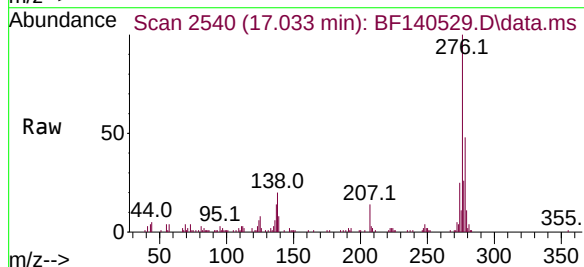
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

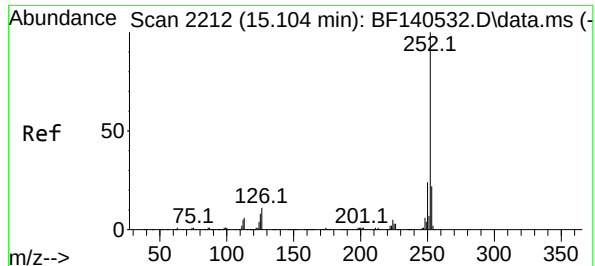
Tgt Ion:264 Resp: 205006
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.2 16.6 25.0



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.637 ng
RT: 17.033 min Scan# 2540
Delta R.T. -0.017 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:276 Resp: 61952
Ion Ratio Lower Upper
276 100
138 21.5 15.5 23.3
277 25.8 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 5.362 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

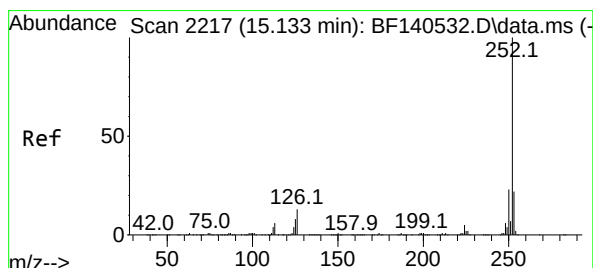
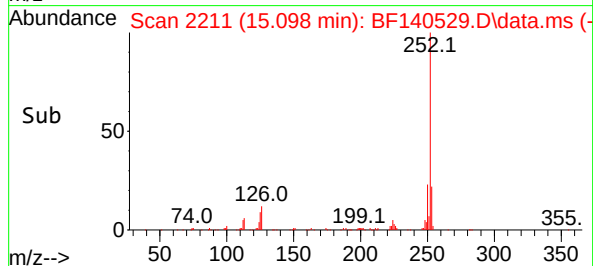
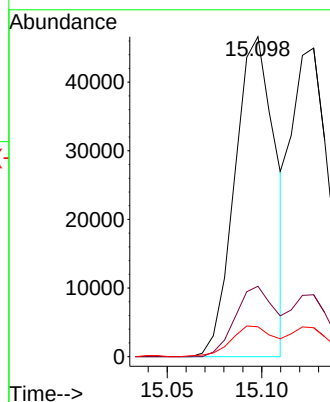
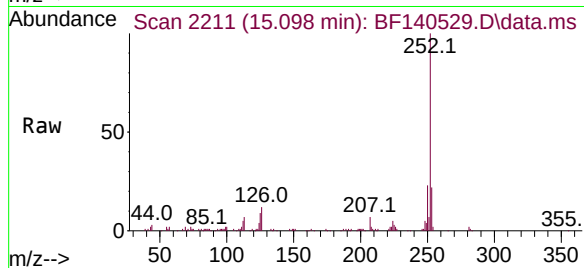
Tgt Ion:252 Resp: 69048

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.4 6.7 10.1



#89

Benzo(k)fluoranthene

Concen: 5.655 ng

RT: 15.127 min Scan# 2216

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

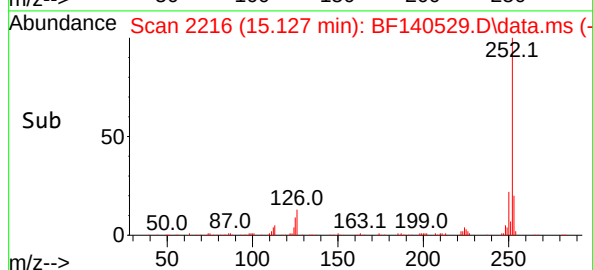
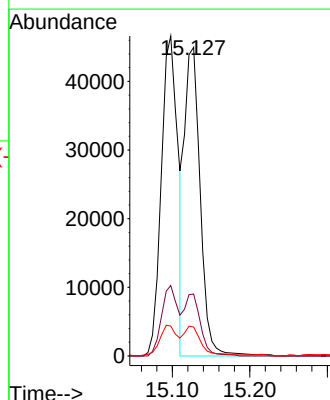
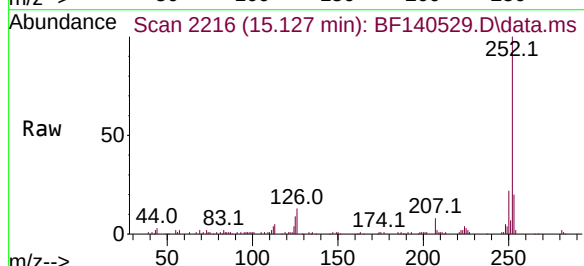
Tgt Ion:252 Resp: 63717

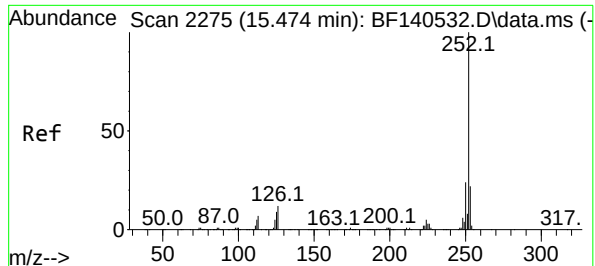
Ion Ratio Lower Upper

252 100

253 20.1 17.5 26.3

125 9.4 6.5 9.7

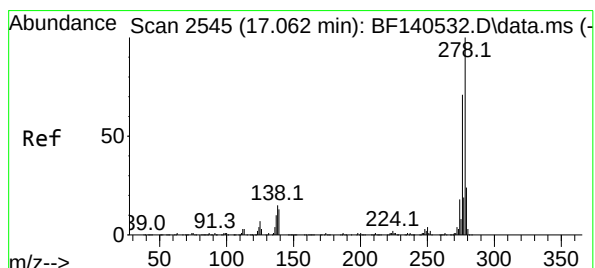
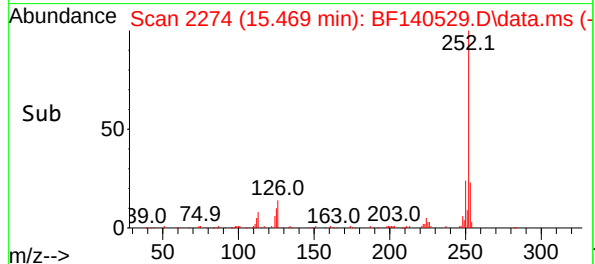
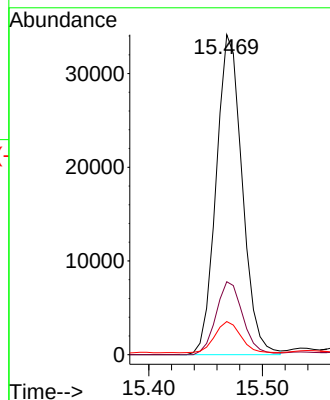
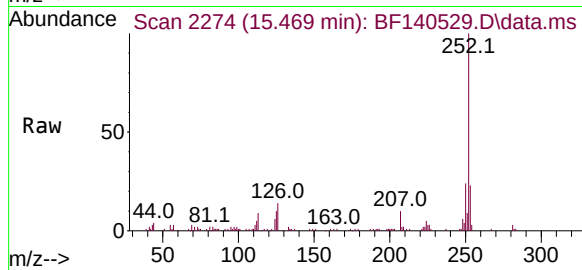




#90
Benzo(a)pyrene
Concen: 5.198 ng
RT: 15.469 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

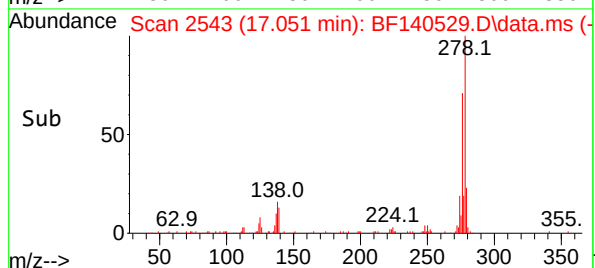
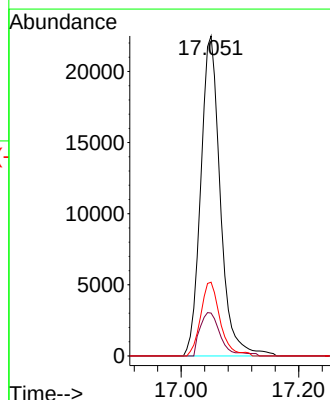
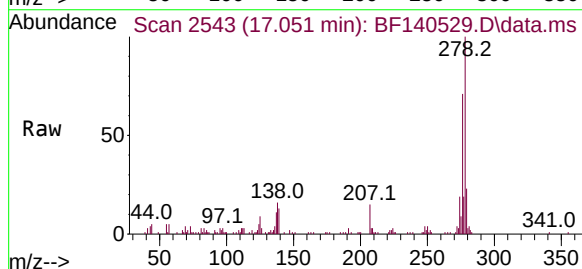
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

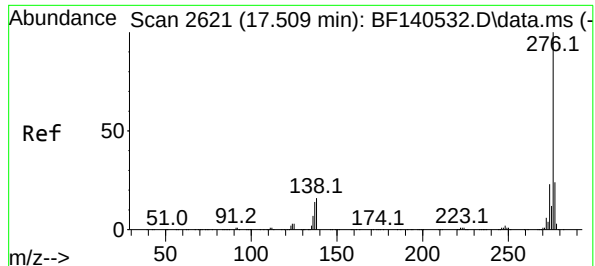
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	10.4	7.0	10.6



#91
Dibenzo(a,h)anthracene
Concen: 4.755 ng
RT: 17.051 min Scan# 2543
Delta R.T. -0.012 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.2	15.4
279	23.0	18.9	28.3





#92

Benzo(g,h,i)perylene

Concen: 4.740 ng

RT: 17.492 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF140529.D

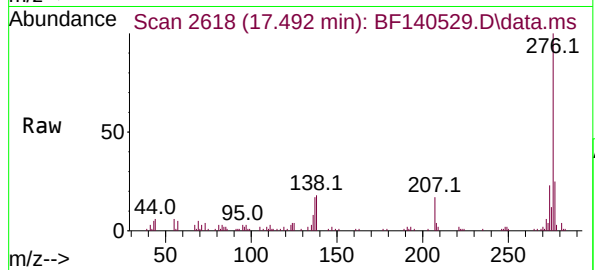
Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



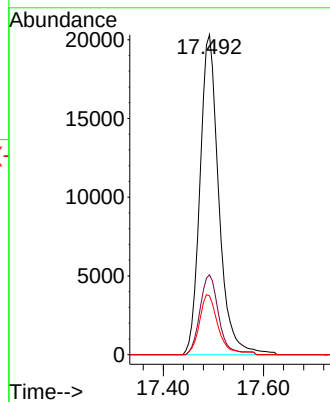
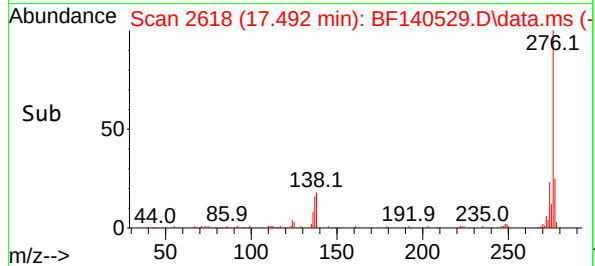
Tgt Ion:276 Resp: 52919

Ion Ratio Lower Upper

276 100

277 24.9 18.9 28.3

138 18.4 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140530.D
 Acq On : 21 Nov 2024 12:05
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 15:10:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	101758	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	377828	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	213774	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	399362	20.000	ng	0.00
76) Chrysene-d12	14.045	240	256196	20.000	ng	0.00
86) Perylene-d12	15.533	264	194024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	125454	21.035	ng	0.00
7) Phenol-d6	6.504	99	164515	20.866	ng	-0.01
23) Nitrobenzene-d5	7.428	82	152410	20.633	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	44626	19.519	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	299817	20.896	ng	0.00
79) Terphenyl-d14	12.980	244	321362	19.532	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	25524	10.179	ng	99
3) Pyridine	3.428	79	51851	9.398	ng	96
4) n-Nitrosodimethylamine	3.357	42	31093	9.589	ng	99
6) Aniline	6.534	93	60808	10.957	ng	# 79
8) 2-Chlorophenol	6.657	128	67572	10.531	ng	98
9) Benzaldehyde	6.422	77	51225	12.273	ng	99
10) Phenol	6.522	94	83830	10.411	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	63186	10.255	ng	99
12) 1,3-Dichlorobenzene	6.810	146	75941	10.533	ng	99
13) 1,4-Dichlorobenzene	6.887	146	76389	10.464	ng	99
14) 1,2-Dichlorobenzene	7.040	146	72962	10.666	ng	100
15) Benzyl Alcohol	7.010	79	59748	10.218	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	75295	10.344	ng	79
17) 2-Methylphenol	7.128	107	52599	10.241	ng	94
18) Hexachloroethane	7.381	117	27715	10.165	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	48309	10.367	ng	98
20) 3+4-Methylphenols	7.281	107	69290	10.496	ng	98
22) Acetophenone	7.275	105	96618	10.489	ng	97
24) Nitrobenzene	7.451	77	77259	10.120	ng	99
25) Isophorone	7.687	82	123528	10.026	ng	99
26) 2-Nitrophenol	7.769	139	32564	9.625	ng	98
27) 2,4-Dimethylphenol	7.804	122	40421	9.986	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	77116	10.274	ng	99
29) 2,4-Dichlorophenol	8.016	162	55037	10.261	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	63769	10.413	ng	98
31) Naphthalene	8.175	128	203054	10.434	ng	99
32) Benzoic acid	7.887	122	19174m	11.820	ng	
33) 4-Chloroaniline	8.222	127	60102	10.315	ng	99
34) Hexachlorobutadiene	8.287	225	42479	10.472	ng	98
35) Caprolactam	8.563	113	17126	10.317	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	60104	10.008	ng	99
37) 2-Methylnaphthalene	8.863	142	128393	10.387	ng	100
38) 1-Methylnaphthalene	8.963	142	125672	10.372	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	64508	10.308	ng	99
41) Hexachlorocyclopentadiene	9.016	237	5836	11.063	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	38279	9.748	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140530.D
 Acq On : 21 Nov 2024 12:05
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 15:10:46 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 14:50:10 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	42321	9.930	ng	99
46) 1,1'-Biphenyl	9.328	154	163500	10.244	ng	99
47) 2-Chloronaphthalene	9.351	162	122350	10.117	ng	99
48) 2-Nitroaniline	9.451	65	37481	9.655	ng	98
49) Acenaphthylene	9.769	152	188676	10.326	ng	99
50) Dimethylphthalate	9.622	163	142079	10.092	ng	100
51) 2,6-Dinitrotoluene	9.692	165	31999	10.021	ng	94
52) Acenaphthene	9.939	154	118691	10.031	ng	99
53) 3-Nitroaniline	9.863	138	31781	10.177	ng	96
54) 2,4-Dinitrophenol	9.981	184	6086	11.143	ng	98
55) Dibenzofuran	10.116	168	185902	10.497	ng	99
56) 4-Nitrophenol	10.039	139	17052	8.006	ng	96
57) 2,4-Dinitrotoluene	10.098	165	43030	10.140	ng	95
58) Fluorene	10.457	166	150592	10.594	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	31672	9.670	ng	98
60) Diethylphthalate	10.322	149	146994	10.276	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	72915	10.452	ng	97
62) 4-Nitroaniline	10.469	138	32193	9.829	ng	96
63) Azobenzene	10.610	77	141049	10.412	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	14572	7.140	ng	93
66) n-Nitrosodiphenylamine	10.563	169	123384	10.447	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	42955	10.444	ng	98
68) Hexachlorobenzene	11.010	284	47993	10.078	ng	97
69) Atrazine	11.092	200	34193	10.292	ng	100
70) Pentachlorophenol	11.210	266	14110	6.732	ng	97
71) Phenanthrene	11.422	178	203602	10.606	ng	99
72) Anthracene	11.475	178	198430	10.567	ng	100
73) Carbazole	11.633	167	189597	10.495	ng	100
74) Di-n-butylphthalate	11.957	149	214564	10.288	ng	99
75) Fluoranthene	12.616	202	221773	10.640	ng	99
77) Benzidine	12.739	184	54022	7.252	ng	100
78) Pyrene	12.845	202	230747	9.741	ng	98
80) Butylbenzylphthalate	13.457	149	82557	9.674	ng	100
81) Benzo(a)anthracene	14.033	228	168988	9.964	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	49053	9.634	ng	100
83) Chrysene	14.069	228	161811	10.435	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	106093	9.846	ng	100
85) Di-n-octyl phthalate	14.633	149	145085	9.852	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	124455	9.843	ng	99
88) Benzo(b)fluoranthene	15.098	252	121884	10.001	ng	99
89) Benzo(k)fluoranthene	15.127	252	119878	11.241	ng	100
90) Benzo(a)pyrene	15.468	252	101824	10.276	ng	97
91) Dibenzo(a,h)anthracene	17.051	278	100656	9.720	ng	99
92) Benzo(g,h,i)perylene	17.492	276	105771	10.010	ng	99

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

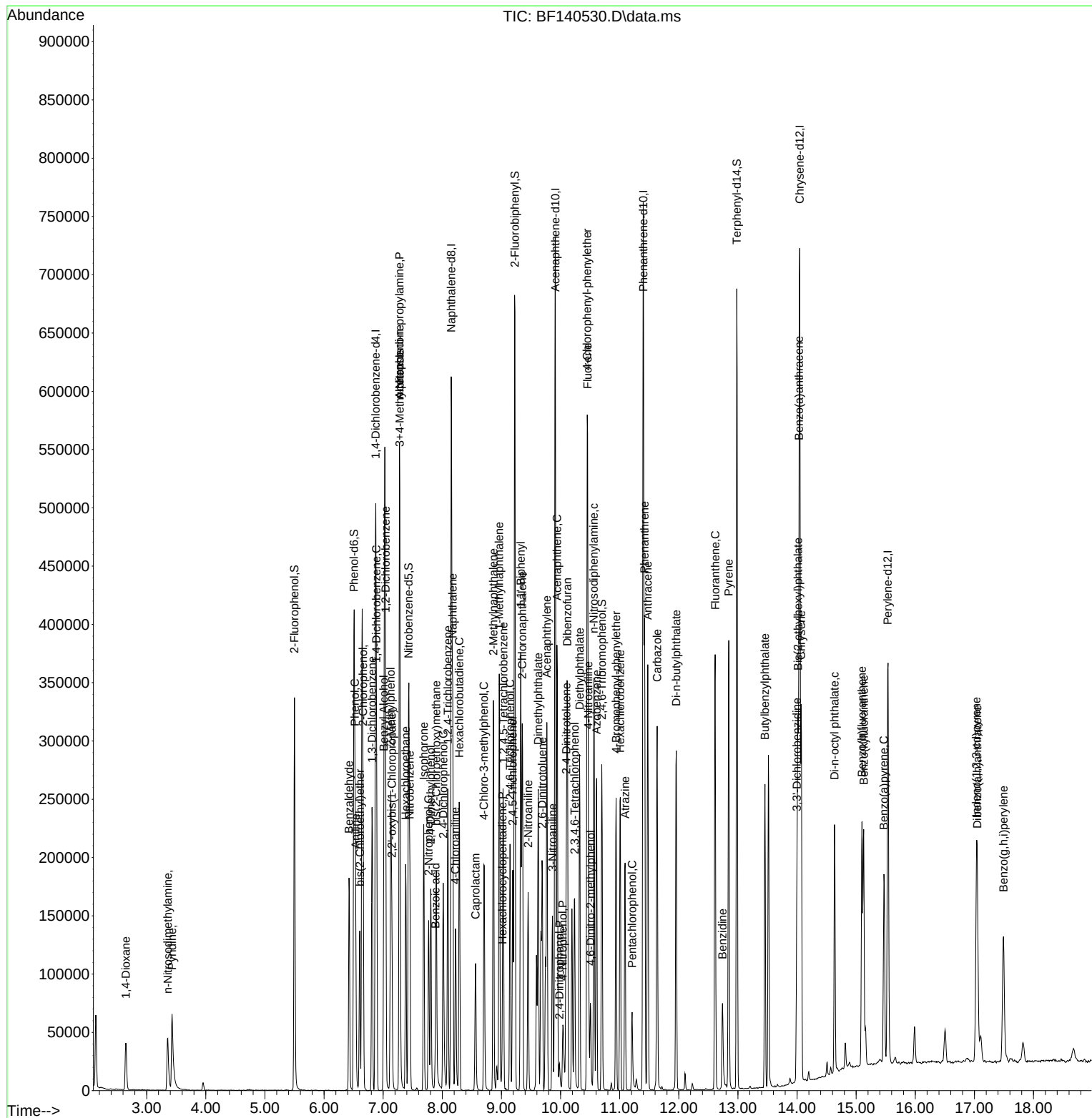
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Acq On : 21 Nov 2024 12:05
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

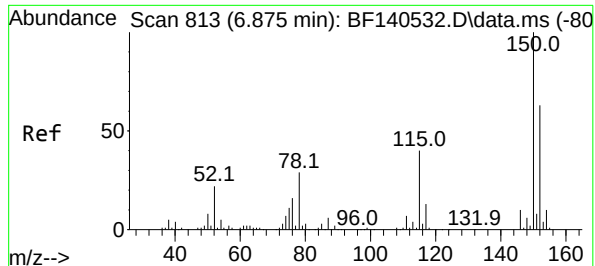
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

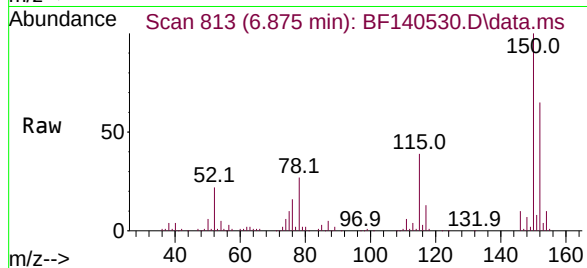
Quant Time: Nov 21 15:10:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

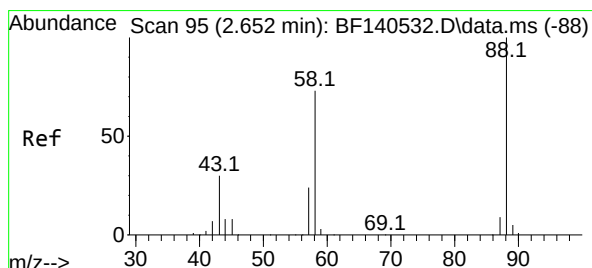
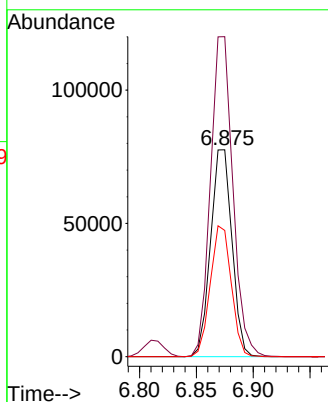
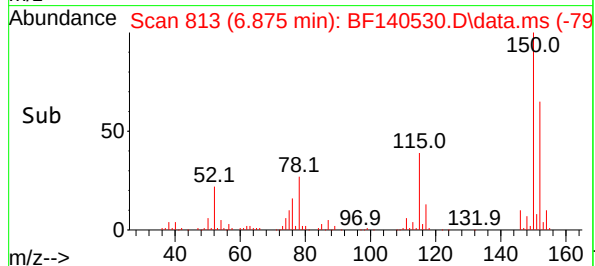
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 101758
Ion Ratio Lower Upper
152 100
150 154.6 128.5 192.7
115 61.0 50.2 75.4

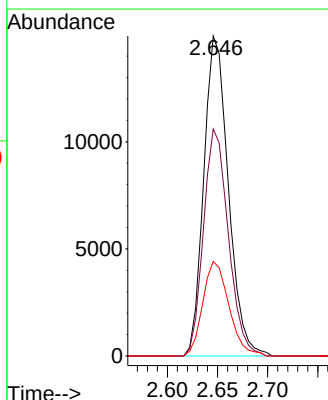
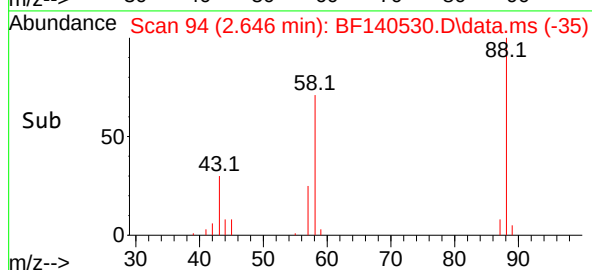
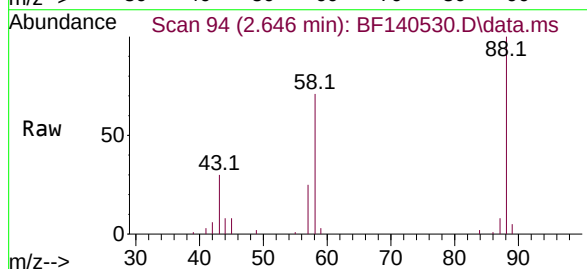
Manual Integrations
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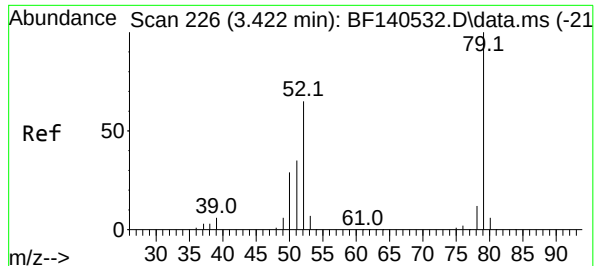
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 10.179 ng
RT: 2.646 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion: 88 Resp: 25524
Ion Ratio Lower Upper
88 100
58 71.6 57.4 86.2
43 31.4 24.3 36.5





#3

Pyridine

Concen: 9.398 ng

RT: 3.428 min Scan# 215

Delta R.T. 0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 5185

Ion Ratio Lower Upper

79 100

52 68.8 52.1 78.1

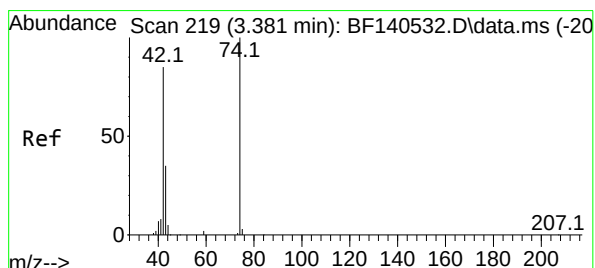
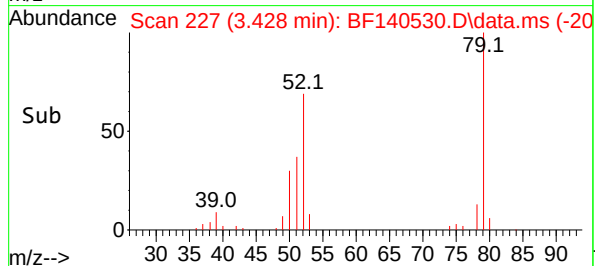
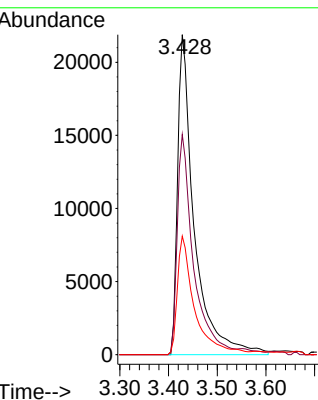
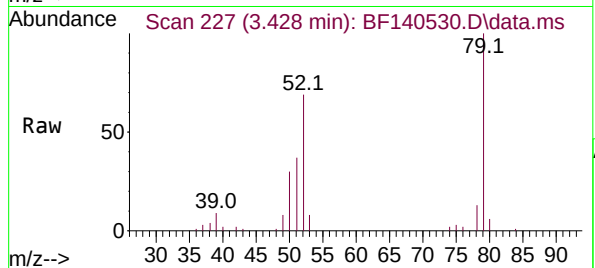
51 37.1 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 9.589 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.023 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

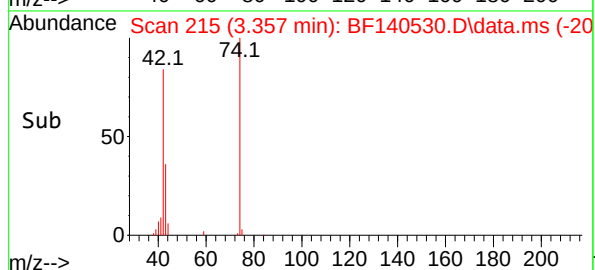
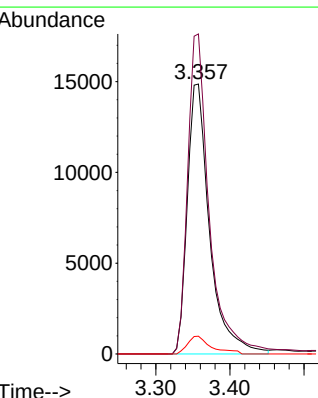
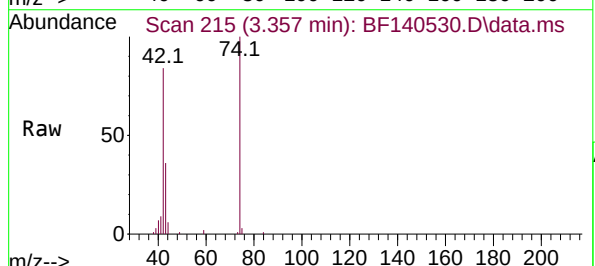
Tgt Ion: 42 Resp: 31093

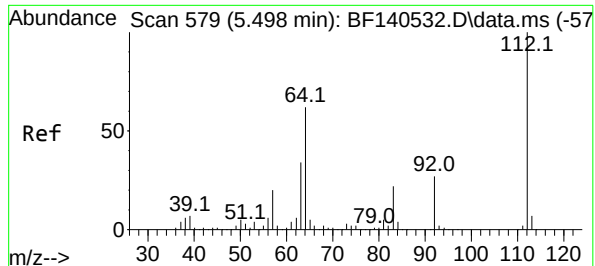
Ion Ratio Lower Upper

42 100

74 118.6 93.8 140.6

44 6.6 4.6 6.8



#5
2-Fluorophenol

Concen: 21.035 ng

RT: 5.498 min Scan# 51

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:112 Resp: 125454

Ion Ratio Lower Upper

112 100

64 59.4 49.2 73.8

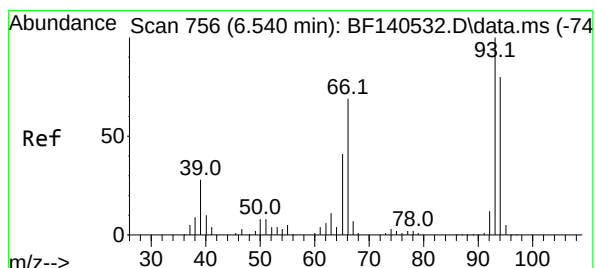
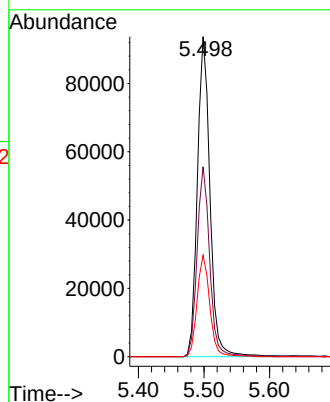
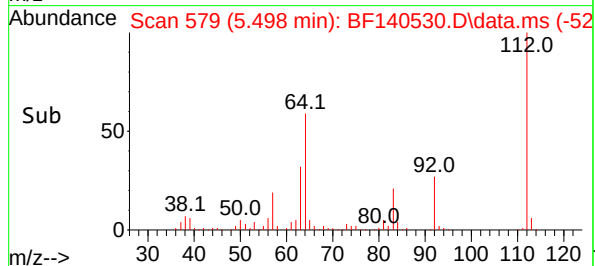
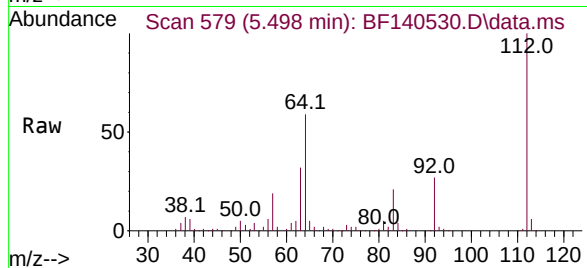
63 31.7 27.0 40.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#6

Aniline

Concen: 10.957 ng

RT: 6.534 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

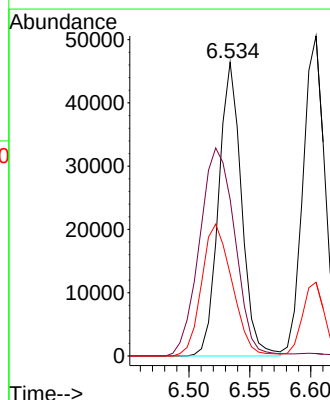
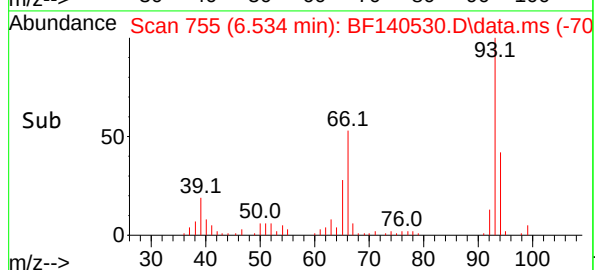
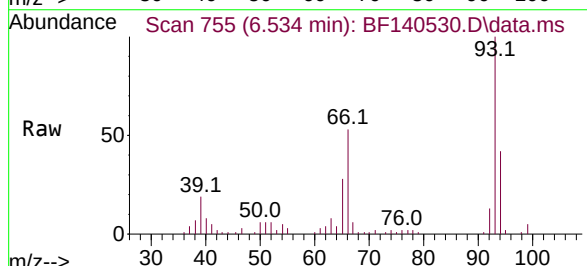
Tgt Ion: 93 Resp: 60808

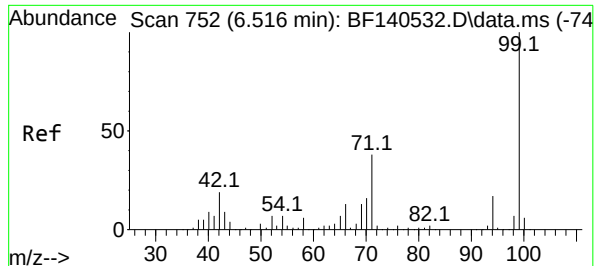
Ion Ratio Lower Upper

93 100

66 53.4 56.5 84.7#

65 28.0 32.9 49.3#





#7

Phenol-d6

Concen: 20.866 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 99 Resp: 16451

Ion Ratio Lower Upper

99 100

42 19.0 15.4 23.0

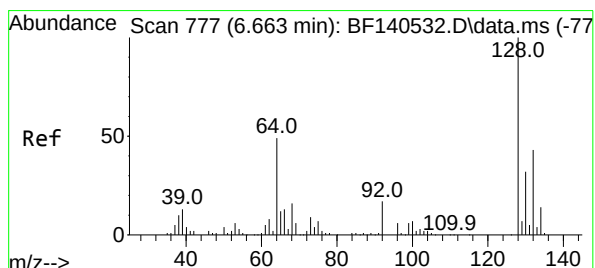
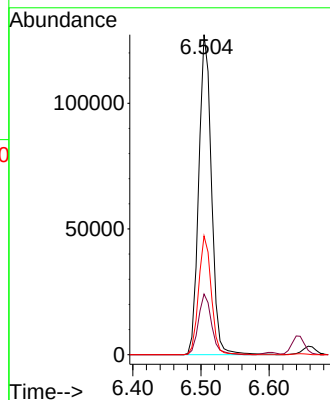
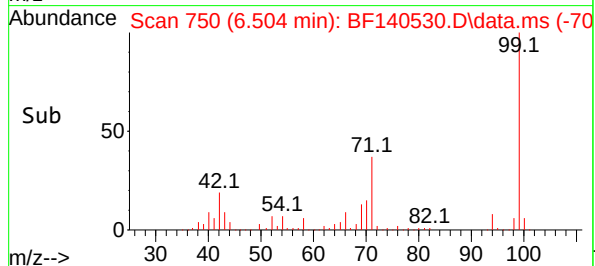
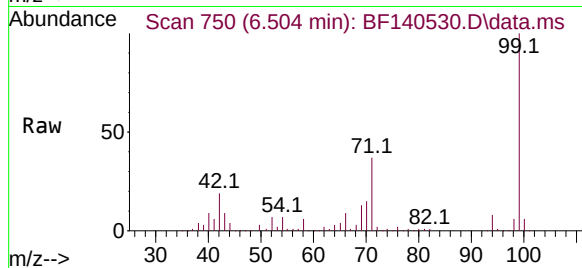
71 37.1 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#8

2-Chlorophenol

Concen: 10.531 ng

RT: 6.657 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

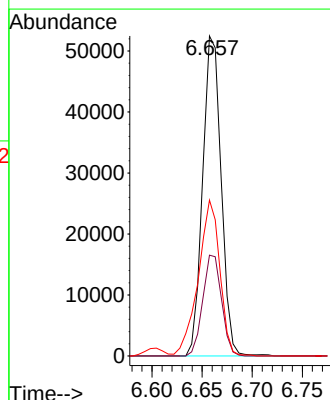
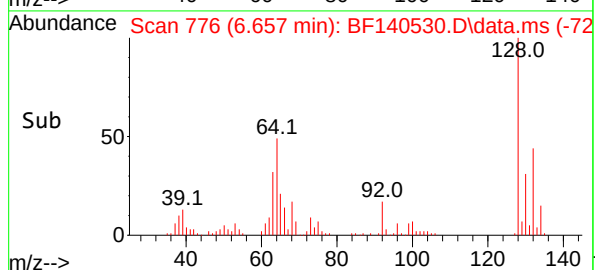
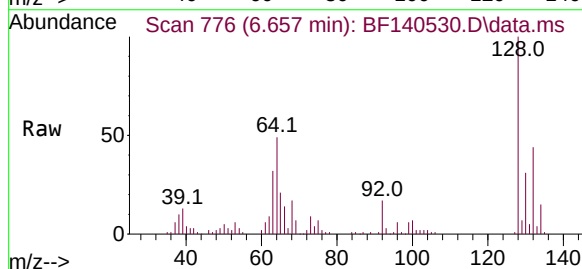
Tgt Ion:128 Resp: 67572

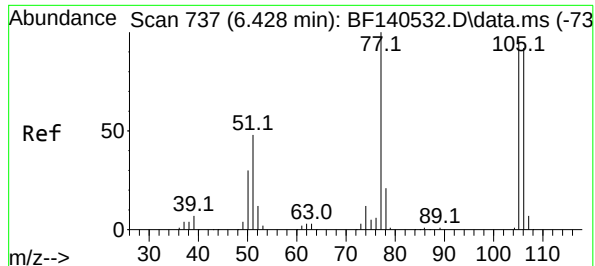
Ion Ratio Lower Upper

128 100

130 31.5 12.3 52.3

64 48.7 30.2 70.2





#9

Benzaldehyde

Concen: 12.273 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

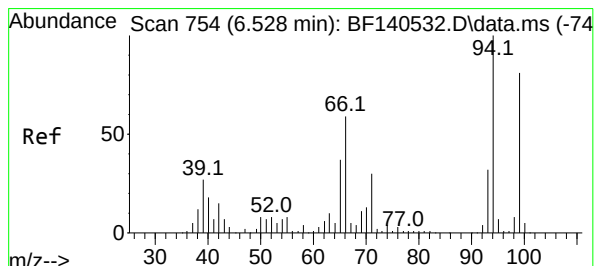
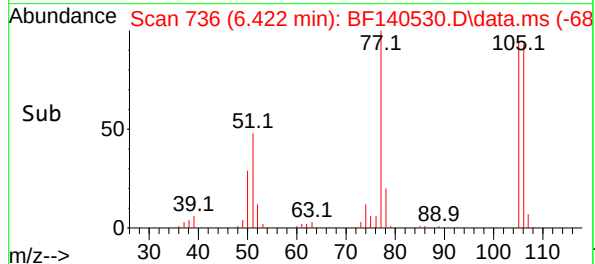
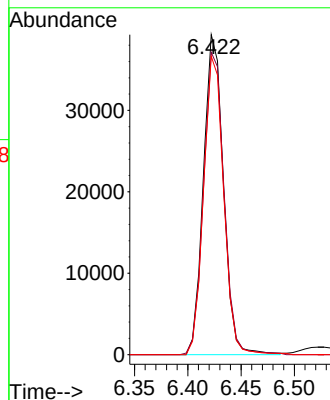
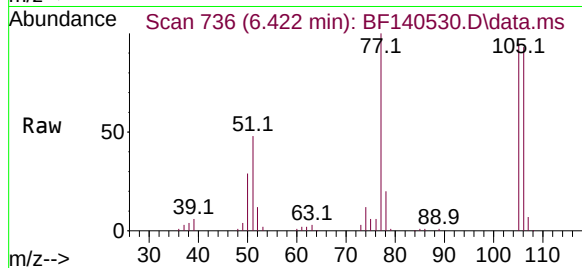
SSTDICC010

Tgt Ion:	77	Resp:	5122
Ion	Ratio	Lower	Upper
77	100		
105	94.5	75.6	115.6
106	93.3	72.0	112.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#10

Phenol

Concen: 10.411 ng

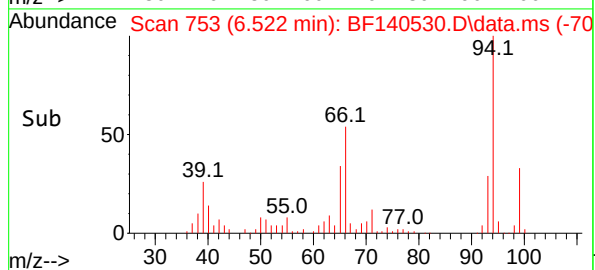
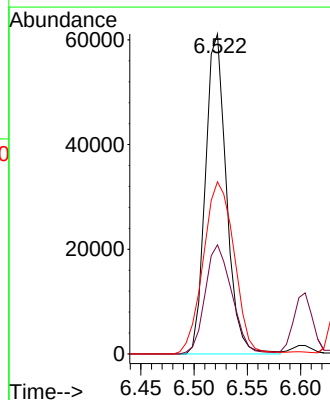
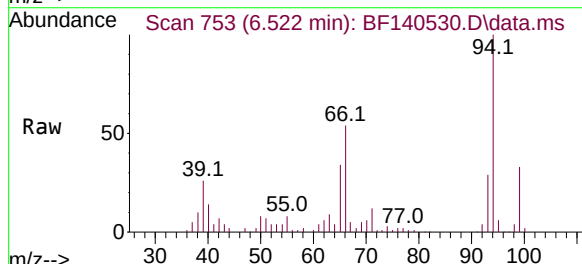
RT: 6.522 min Scan# 753

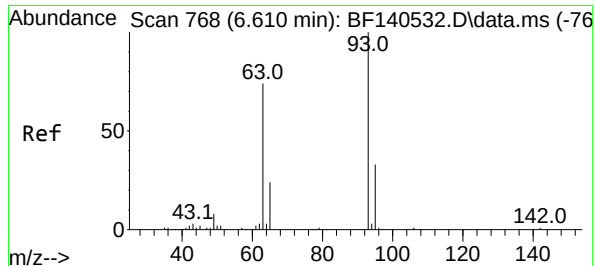
Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:	94	Resp:	83830
Ion	Ratio	Lower	Upper
94	100		
65	34.1	17.2	57.2
66	53.8	39.2	79.2





#11

bis(2-Chloroethyl)ether

Concen: 10.255 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

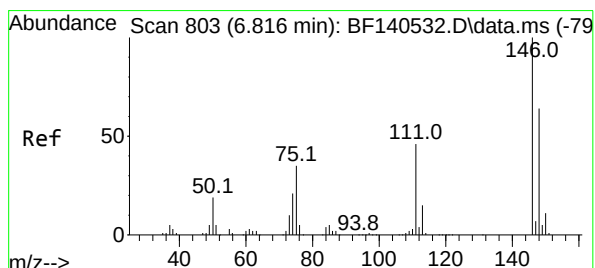
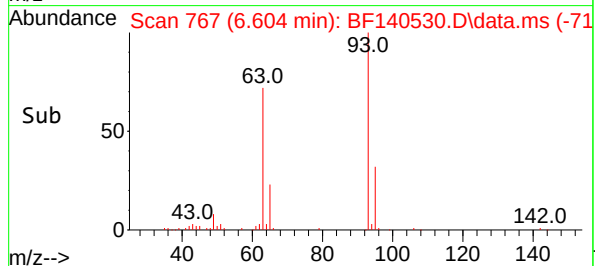
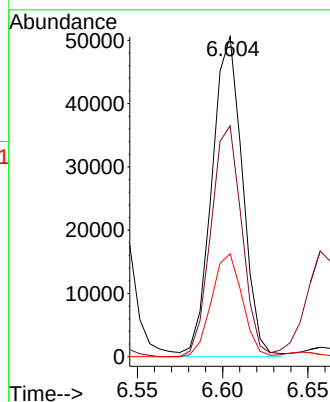
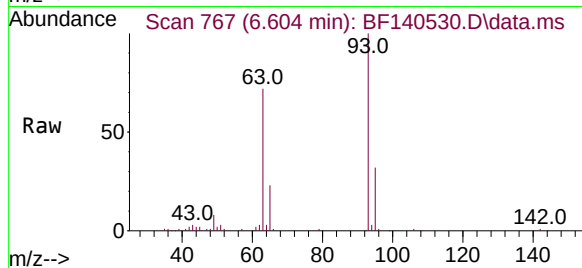
SSTDICC010

Tgt Ion: 93	Resp: 63180
Ion Ratio	Lower Upper
93 100	
63 72.2	52.8 92.8
95 32.2	12.3 52.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#12

1,3-Dichlorobenzene

Concen: 10.533 ng

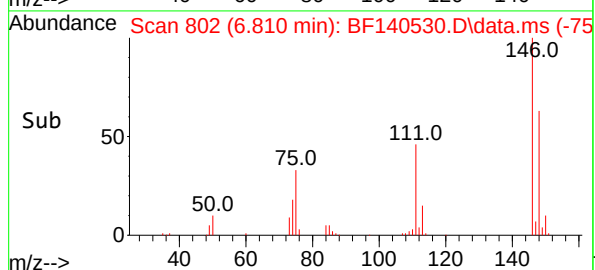
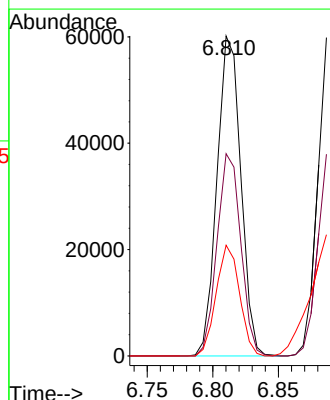
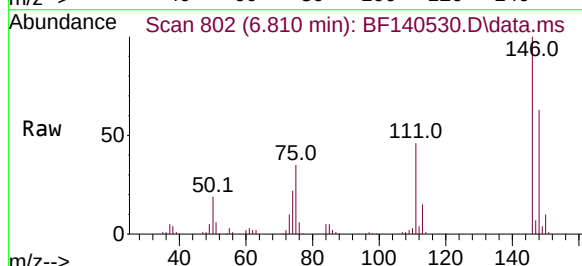
RT: 6.810 min Scan# 802

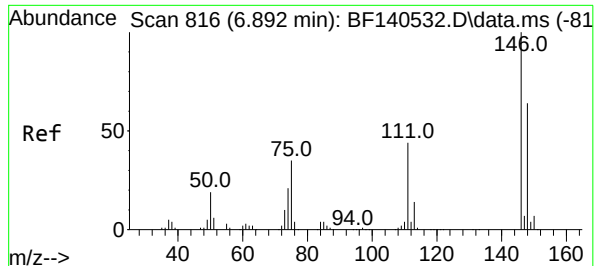
Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:146	Resp: 75941
Ion Ratio	Lower Upper
146 100	
148 63.2	51.3 76.9
75 34.6	28.2 42.2





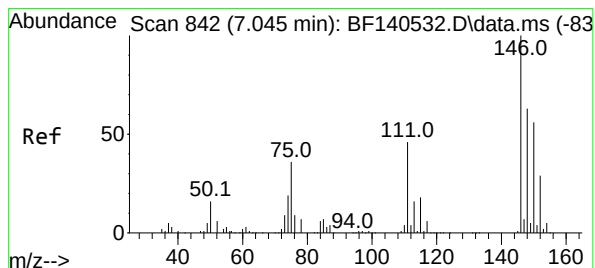
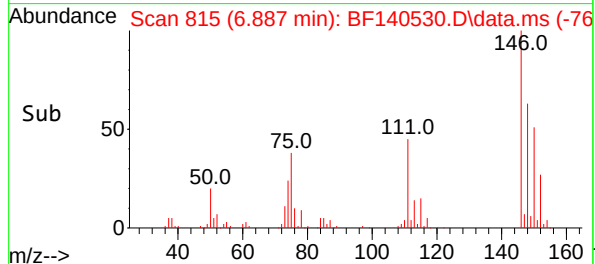
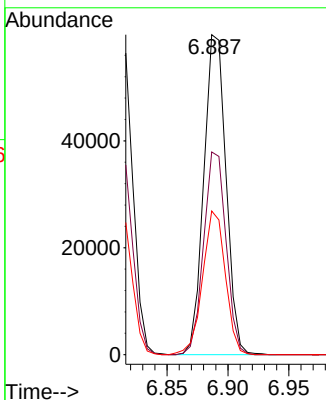
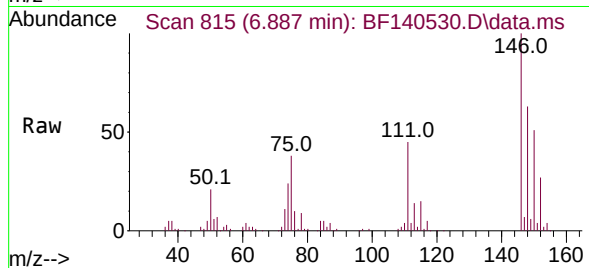
#13
1,4-Dichlorobenzene
Concen: 10.464 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 76389
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 44.9 35.3 52.9

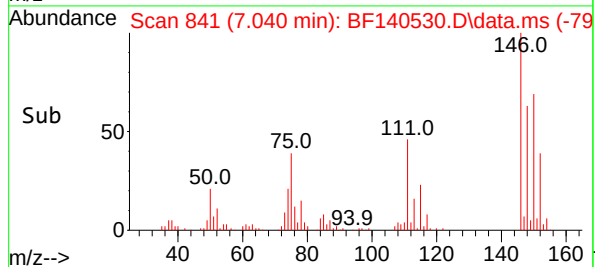
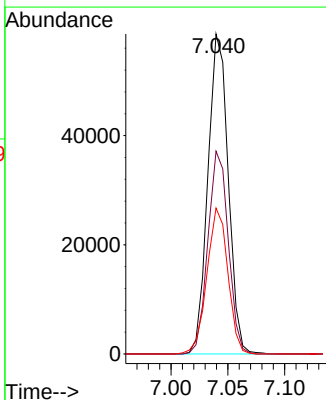
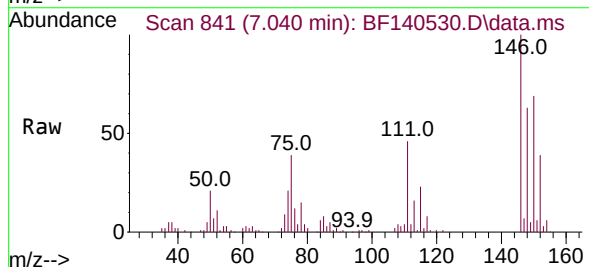
Manual Integrations
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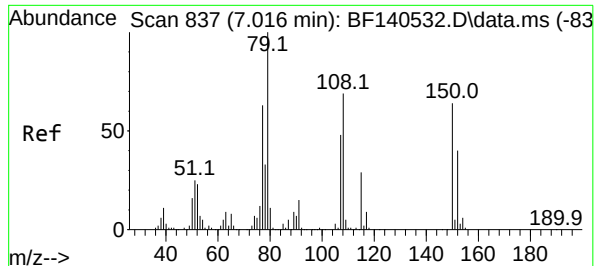
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 10.666 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:146 Resp: 72962
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 45.6 36.7 55.1





#15

Benzyl Alcohol

Concen: 10.218 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 5974

Ion Ratio Lower Upper

79 100

108 70.8 55.0 82.6

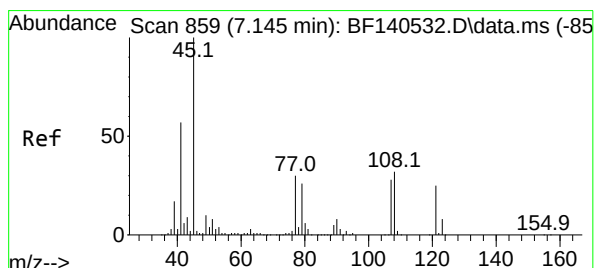
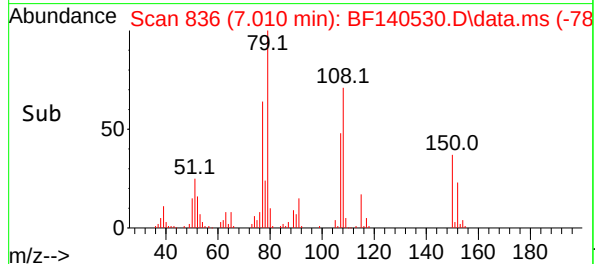
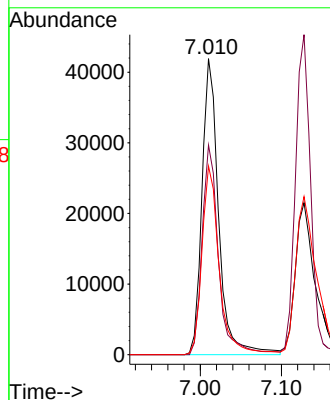
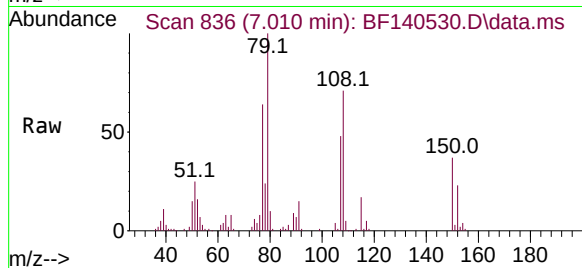
77 63.7 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.344 ng

RT: 7.145 min Scan# 859

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

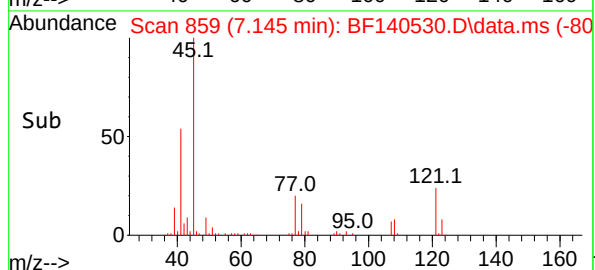
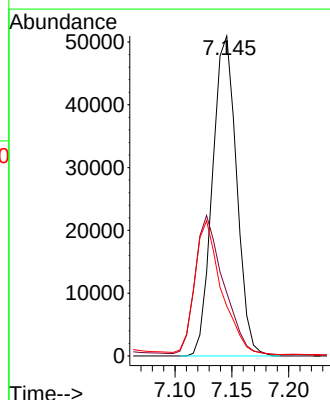
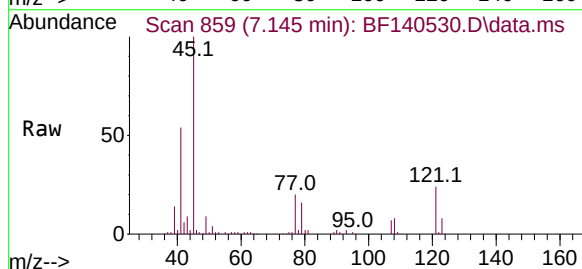
Tgt Ion: 45 Resp: 75295

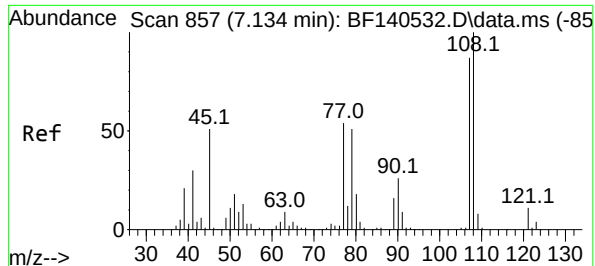
Ion Ratio Lower Upper

45 100

77 19.7 10.7 50.7

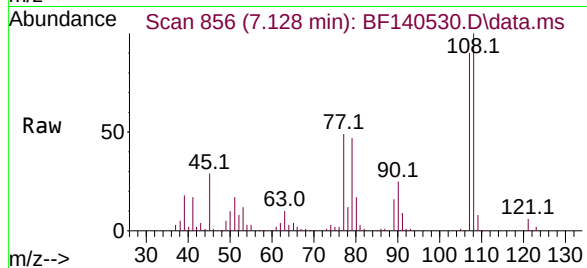
79 15.6 7.0 47.0





#17
2-Methylphenol
Concen: 10.241 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

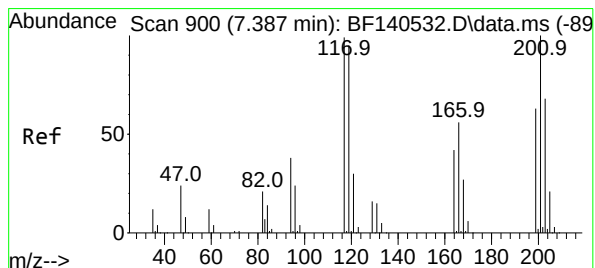
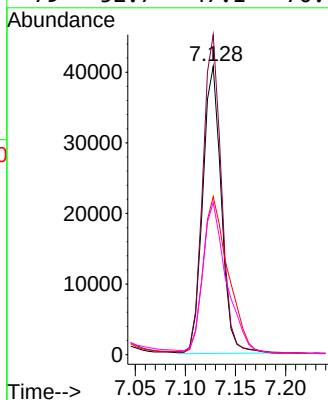
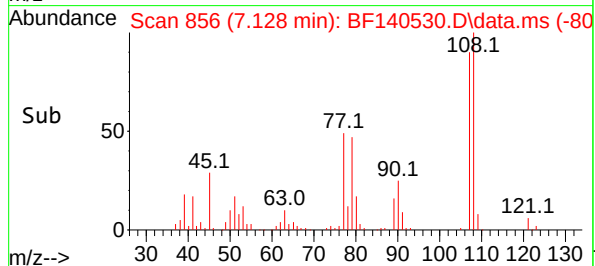
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



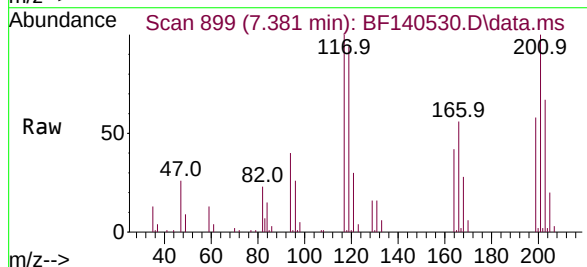
Tgt Ion:107 Resp: 52599
Ion Ratio Lower Upper
107 100
108 110.9 91.7 137.5
77 54.8 49.3 73.9
79 52.7 47.1 70.7

Manual Integrations
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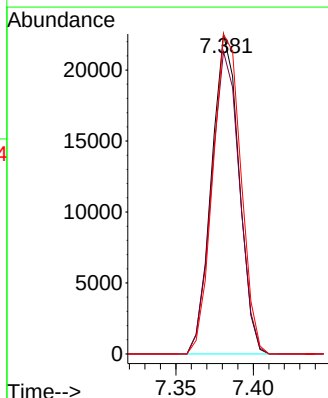
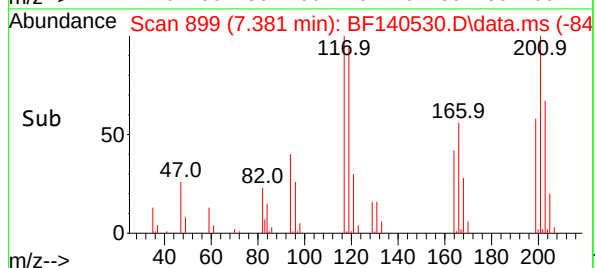
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

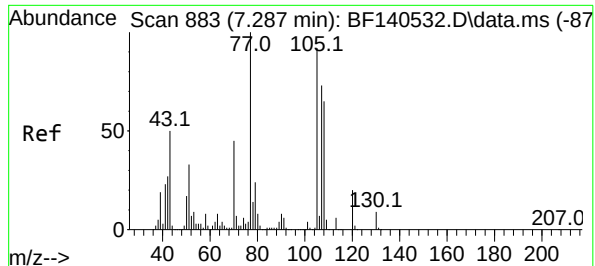


#18
Hexachloroethane
Concen: 10.165 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05



Tgt Ion:117 Resp: 27715
Ion Ratio Lower Upper
117 100
119 94.5 77.1 115.7
201 99.9 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 10.367 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 48309

Ion Ratio Lower Upper

70 100

42 57.7 47.6 71.4

101 9.7 7.6 11.4

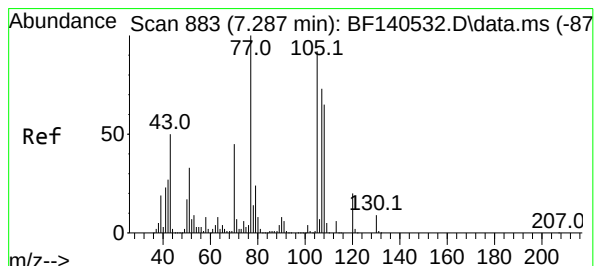
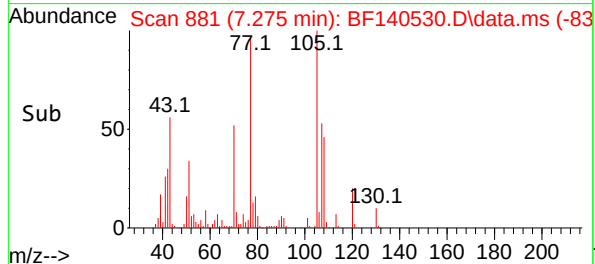
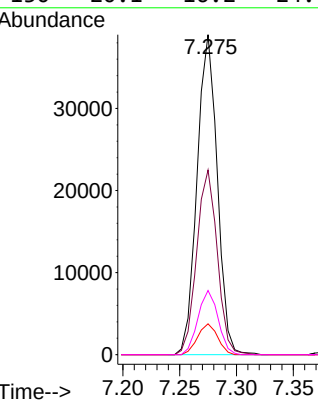
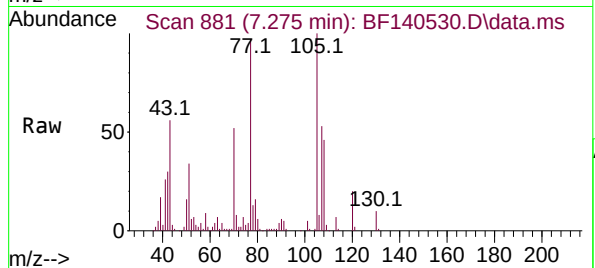
130 20.1 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#20

3+4-Methylphenols

Concen: 10.496 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:107 Resp: 69290

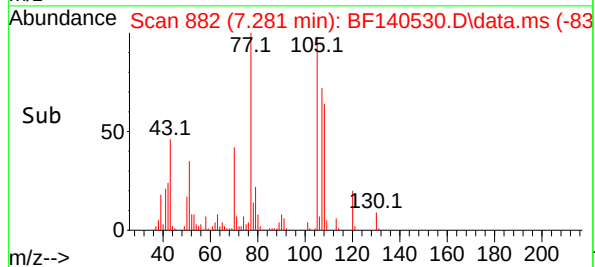
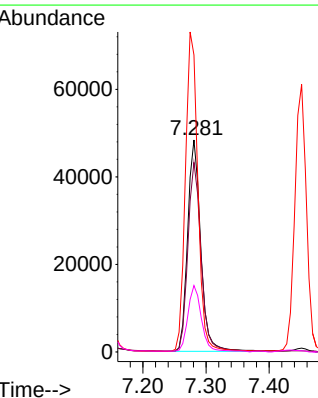
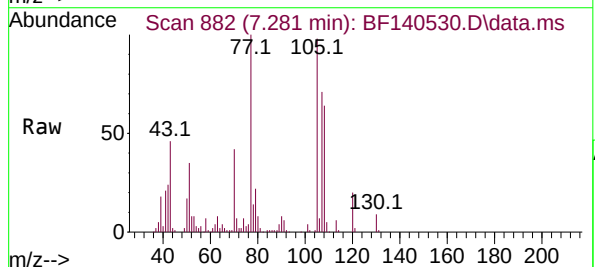
Ion Ratio Lower Upper

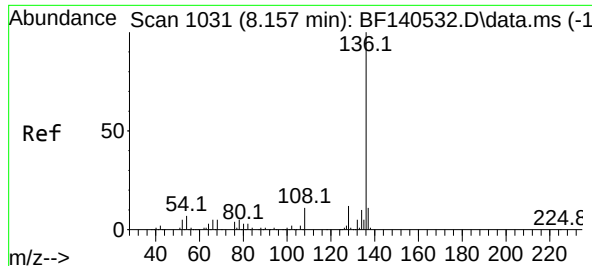
107 100

108 89.4 69.9 109.9

77 140.1 117.7 157.7

79 31.3 13.4 53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 377828

Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.4 5.8 8.8

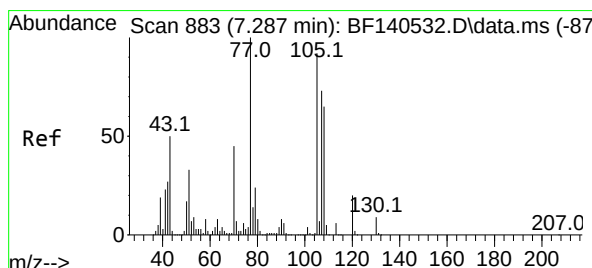
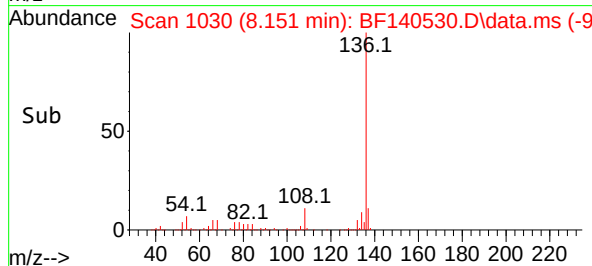
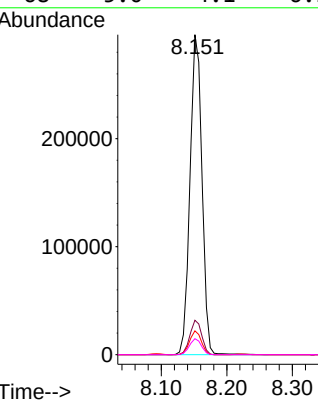
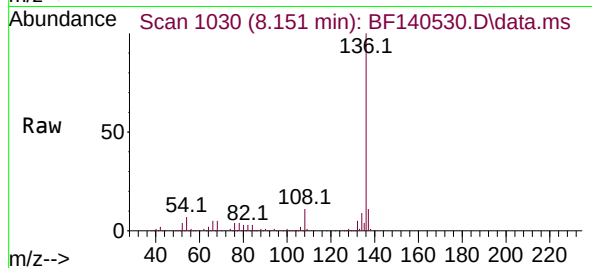
68 5.0 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#22

Acetophenone

Concen: 10.489 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:105 Resp: 96618

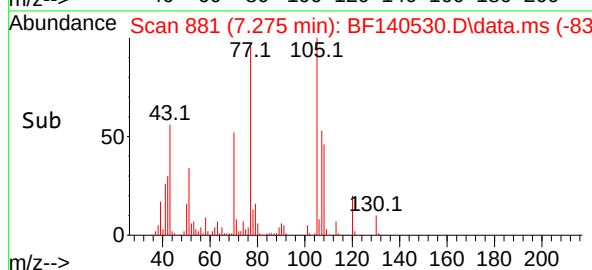
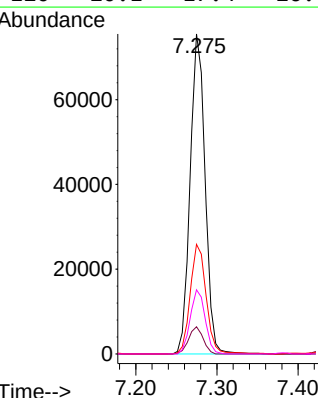
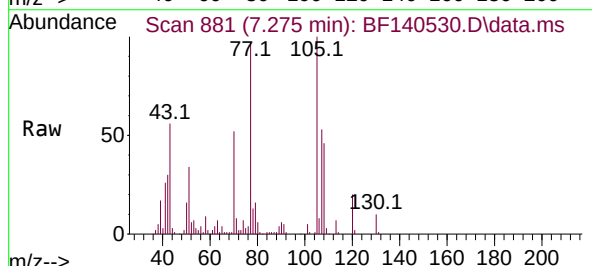
Ion Ratio Lower Upper

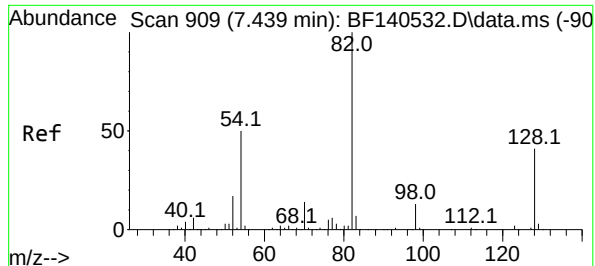
105 100

71 8.5 6.2 9.2

51 34.3 29.0 43.6

120 20.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 20.633 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 152410

Ion Ratio Lower Upper

82 100

128 39.7 33.0 49.4

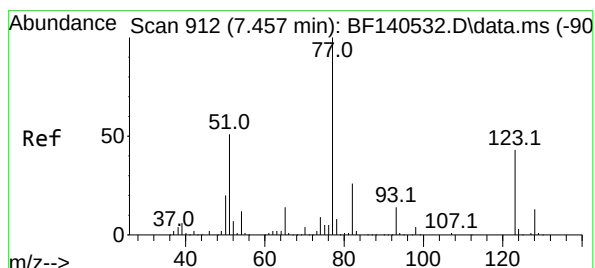
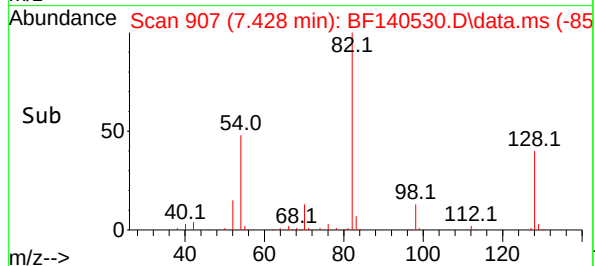
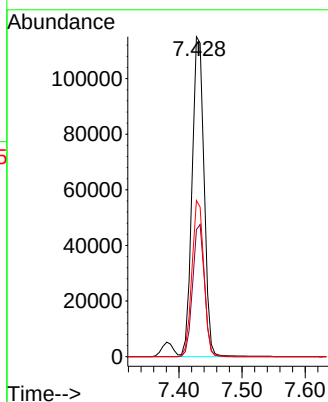
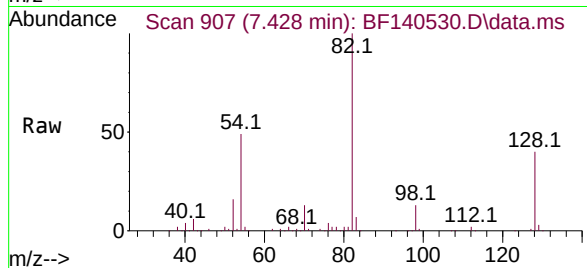
54 48.8 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 10.120 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

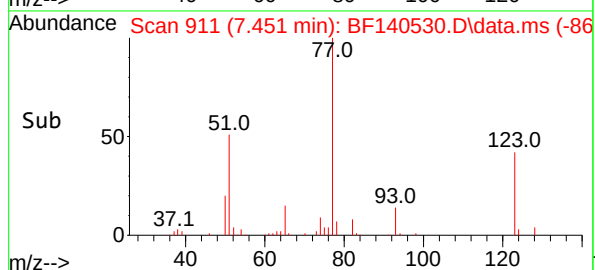
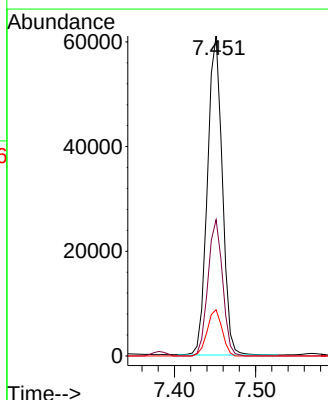
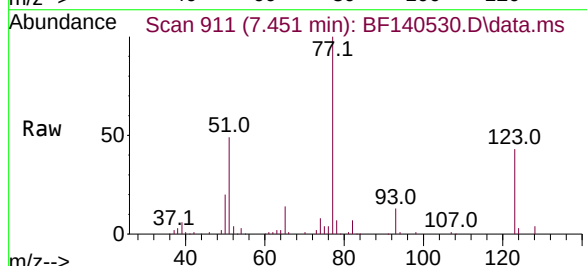
Tgt Ion: 77 Resp: 77259

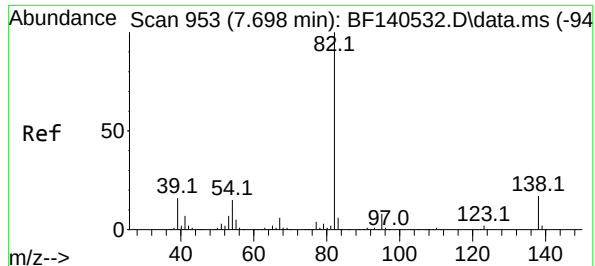
Ion Ratio Lower Upper

77 100

123 42.6 34.3 51.5

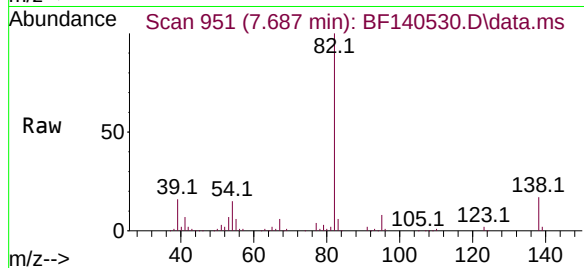
65 14.4 11.2 16.8





#25
Isophorone
Concen: 10.026 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

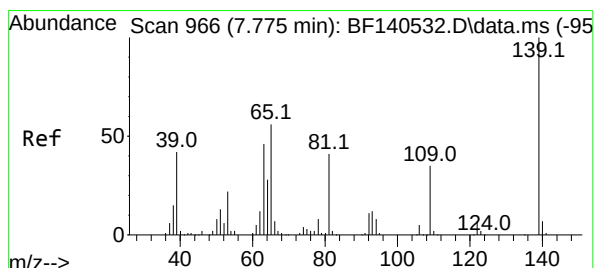
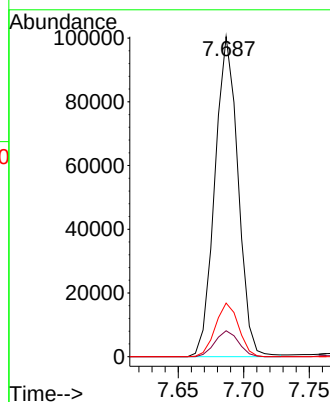
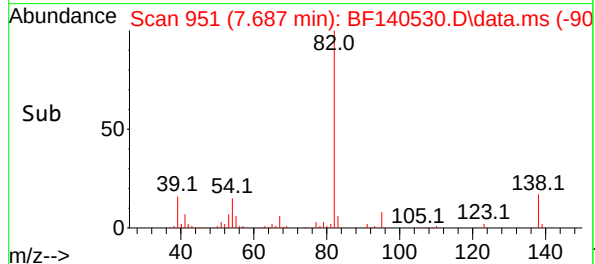
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 123528
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 16.7 13.8 20.6

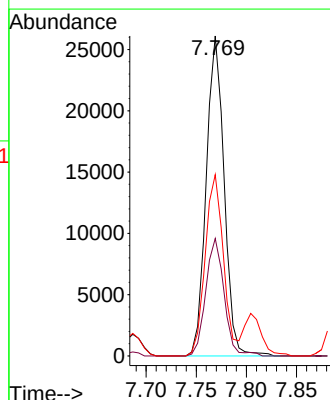
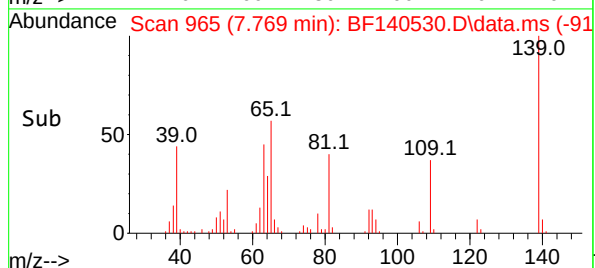
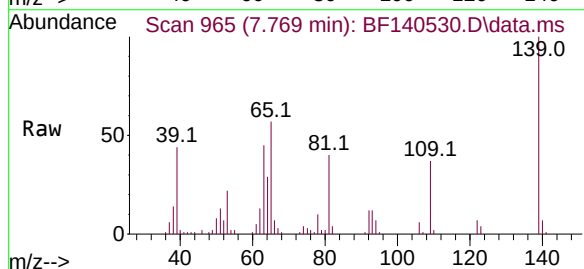
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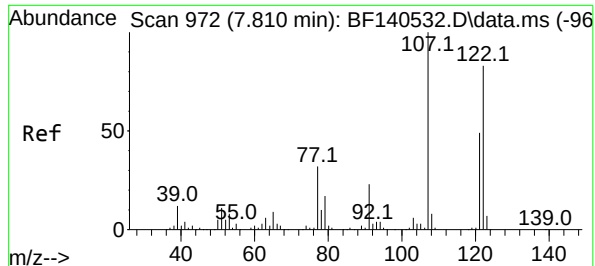
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 9.625 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:139 Resp: 32564
Ion Ratio Lower Upper
139 100
109 36.7 28.0 42.0
65 56.7 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 9.986 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

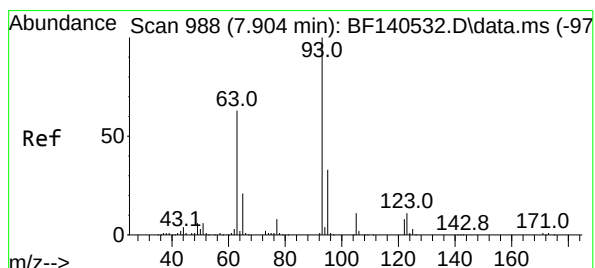
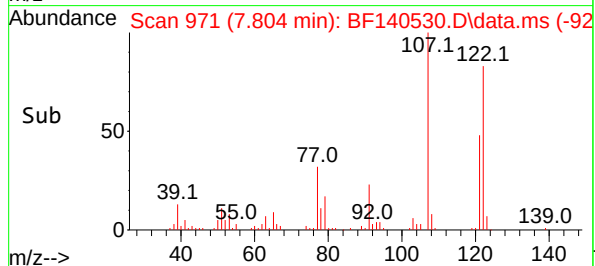
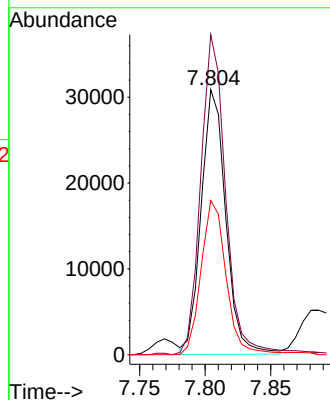
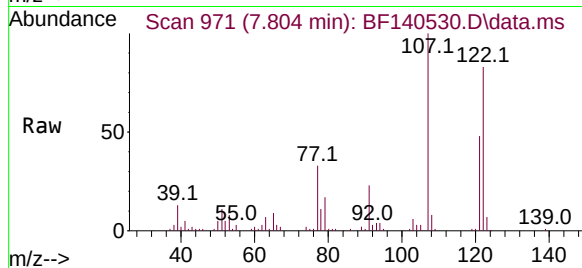
SSTDICC010

Tgt Ion:	122	Resp:	4042
Ion Ratio	Lower	Upper	
122	100		
107	120.8	96.8	145.2
121	58.2	47.4	71.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 10.274 ng

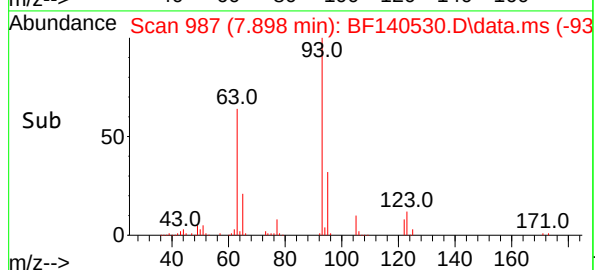
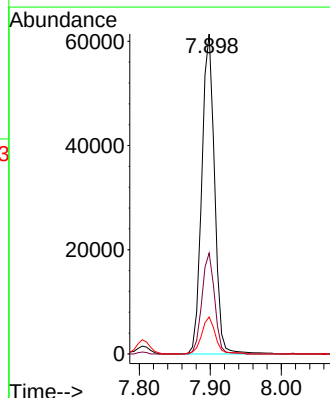
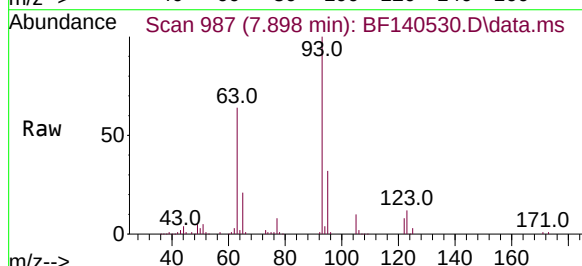
RT: 7.898 min Scan# 987

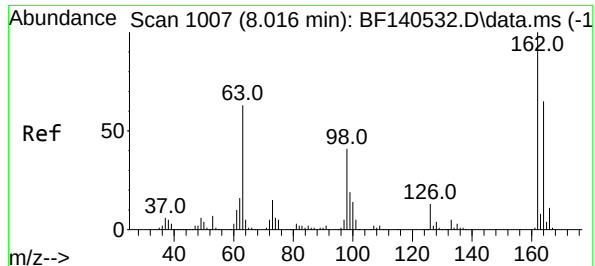
Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:	93	Resp:	77116
Ion Ratio	Lower	Upper	
93	100		
95	31.6	26.1	39.1
123	11.6	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 10.261 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 5503

Ion Ratio Lower Upper

162 100

164 65.0 44.8 84.8

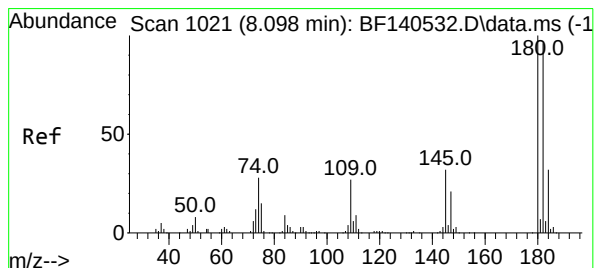
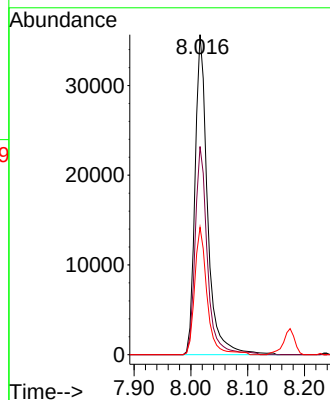
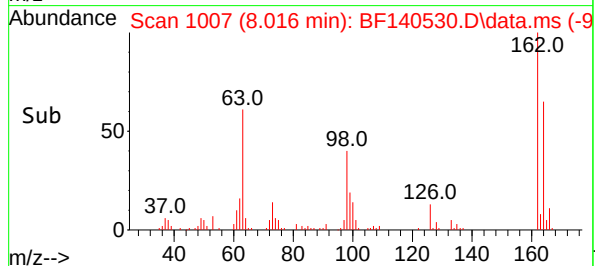
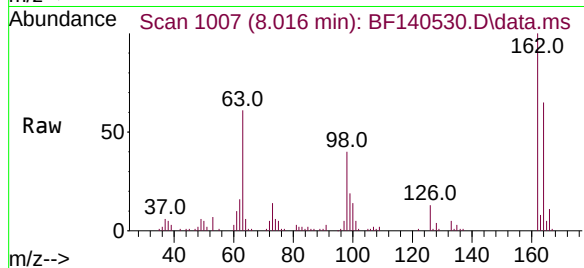
98 39.8 21.2 61.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 10.413 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

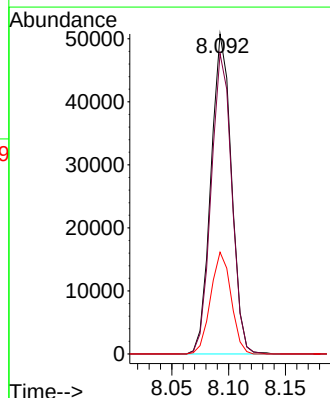
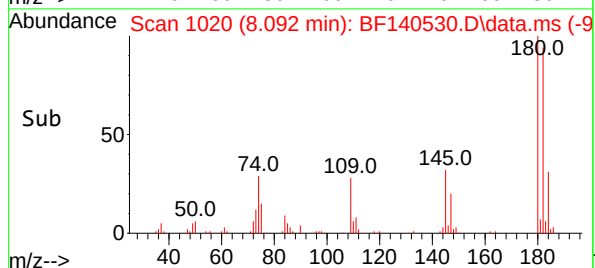
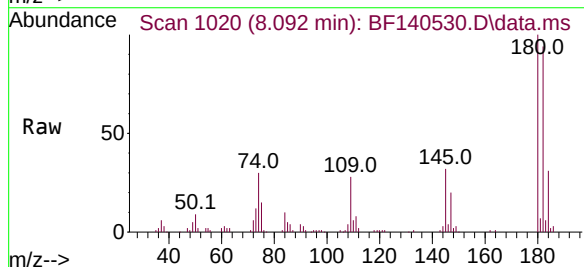
Tgt Ion:180 Resp: 63769

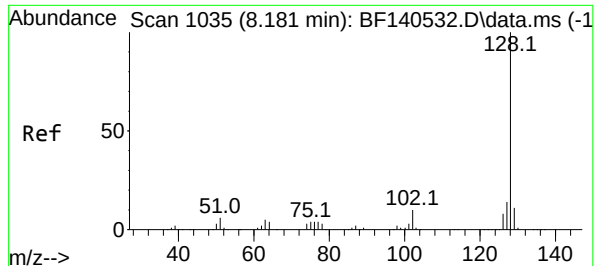
Ion Ratio Lower Upper

180 100

182 93.8 76.4 114.6

145 31.8 25.9 38.9





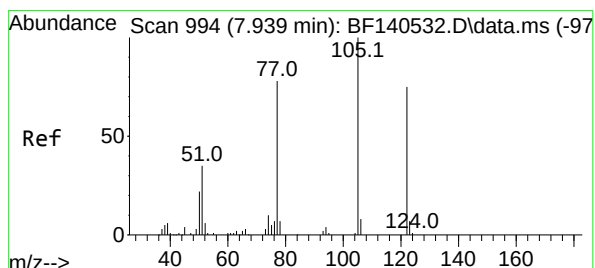
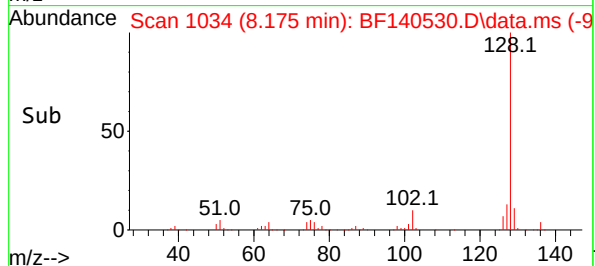
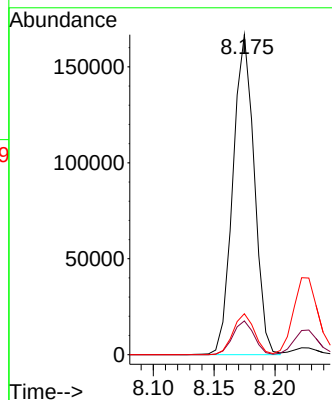
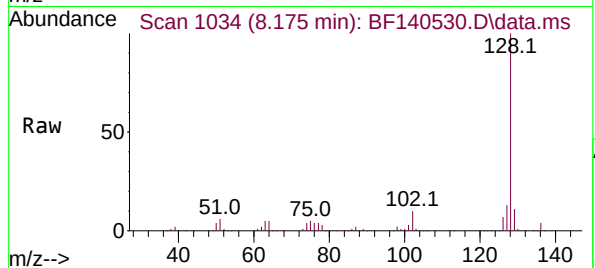
#31
Naphthalene
Concen: 10.434 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 203054
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.8 10.8 16.2

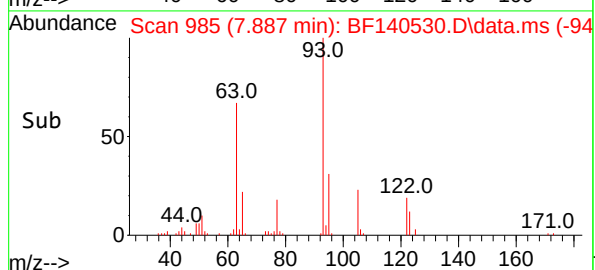
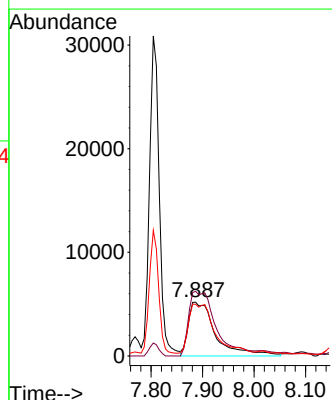
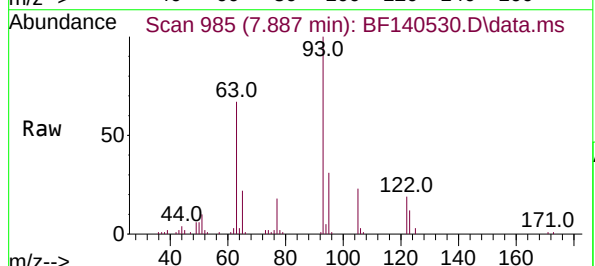
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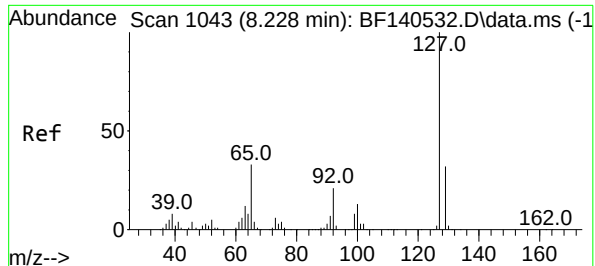
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 11.820 ng m
RT: 7.887 min Scan# 985
Delta R.T. -0.052 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:122 Resp: 19174
Ion Ratio Lower Upper
122 100
105 120.1 109.3 149.3
77 96.0 82.3 122.3





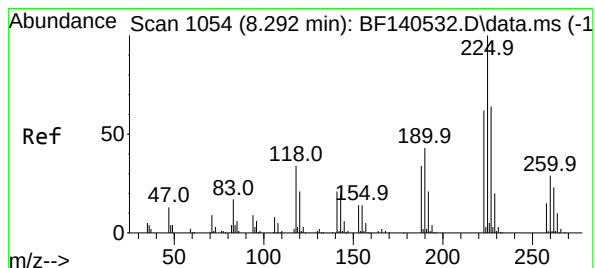
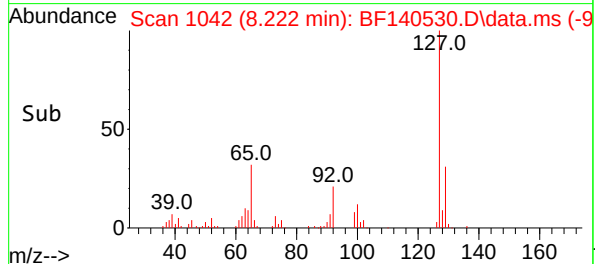
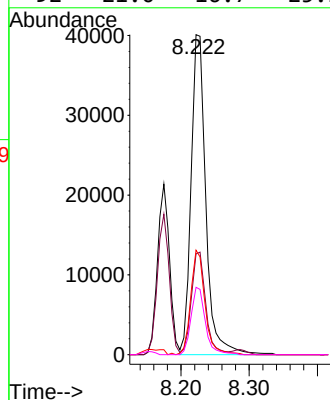
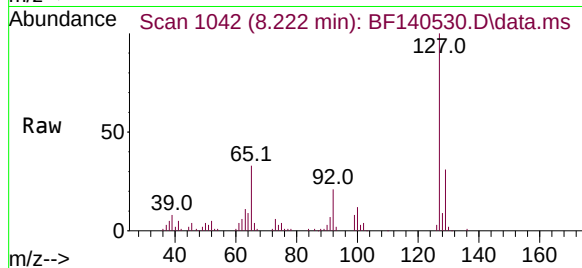
#33
4-Chloroaniline
Concen: 10.315 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.0	39.0
65	32.6	26.0	39.0
92	21.0	16.7	25.1

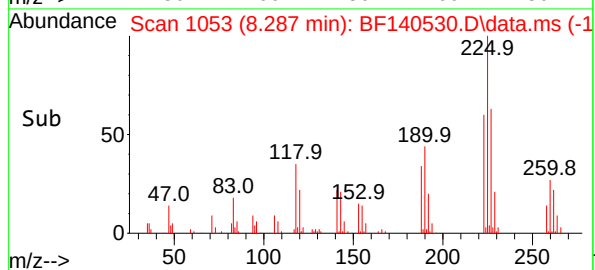
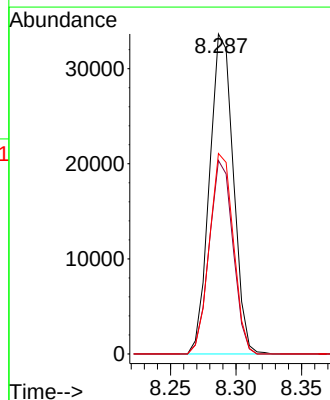
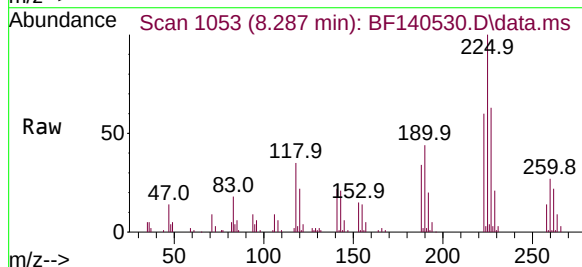
Manual Integrations
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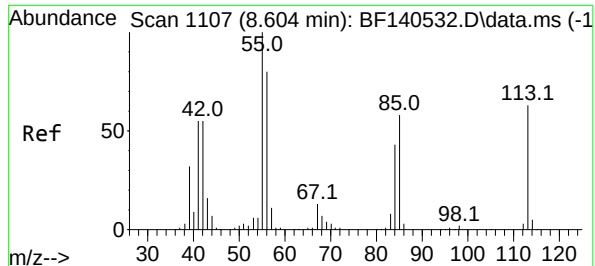
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 10.472 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.8	74.8
227	62.7	51.3	76.9





#35

Caprolactam

Concen: 10.317 ng

RT: 8.563 min Scan# 1107

Delta R.T. -0.041 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:113 Resp: 17120

Ion Ratio Lower Upper

113 100

55 151.0 137.7 177.7

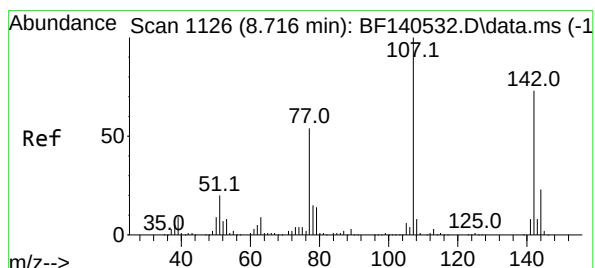
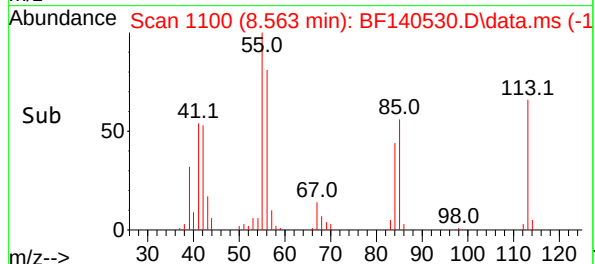
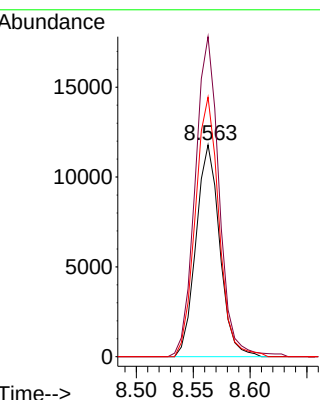
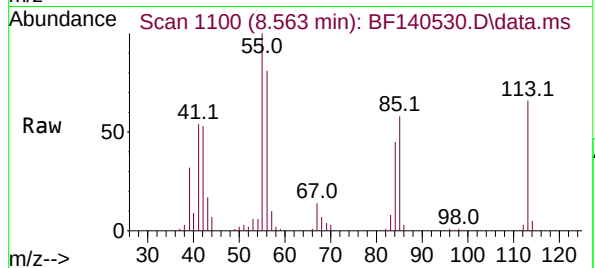
56 122.5 106.4 146.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#36

4-Chloro-3-methylphenol

Concen: 10.008 ng

RT: 8.704 min Scan# 1124

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

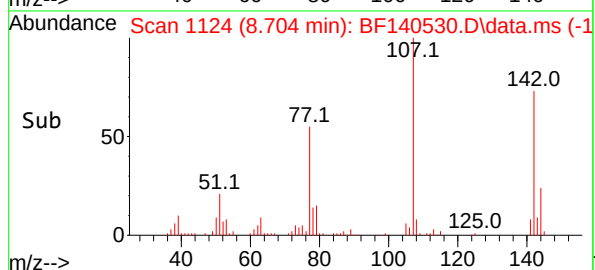
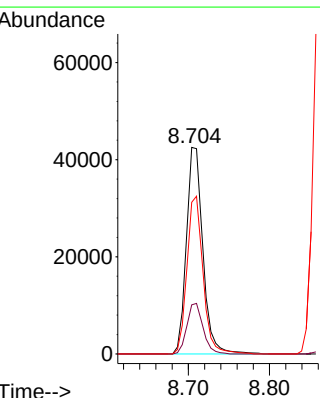
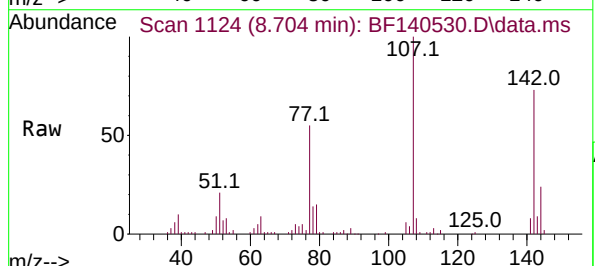
Tgt Ion:107 Resp: 60104

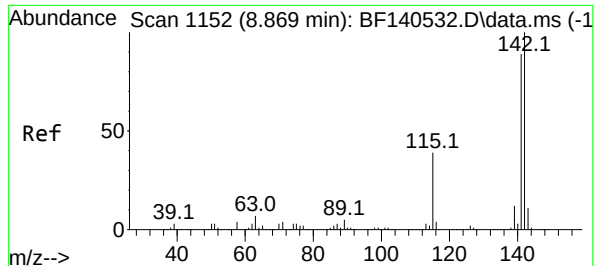
Ion Ratio Lower Upper

107 100

144 23.8 18.7 28.1

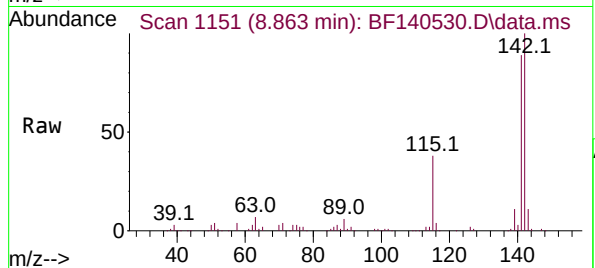
142 73.4 58.3 87.5





#37
2-Methylnaphthalene
Concen: 10.387 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

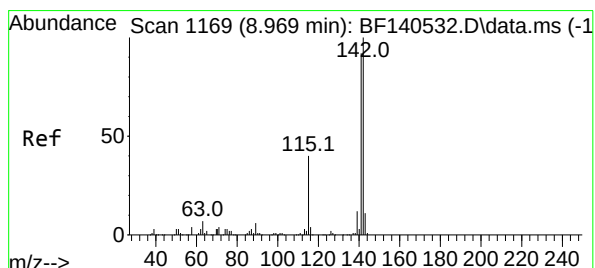
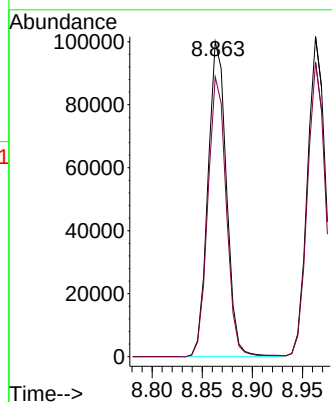
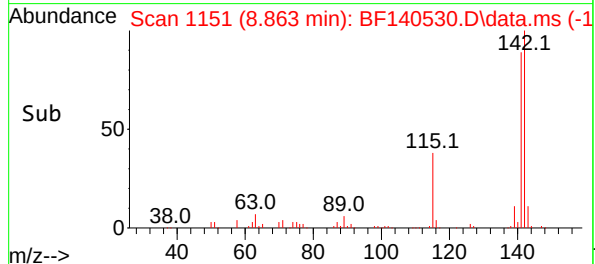
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 12839
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6

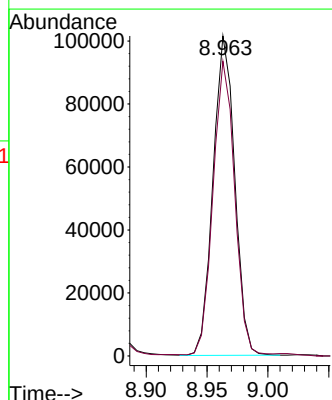
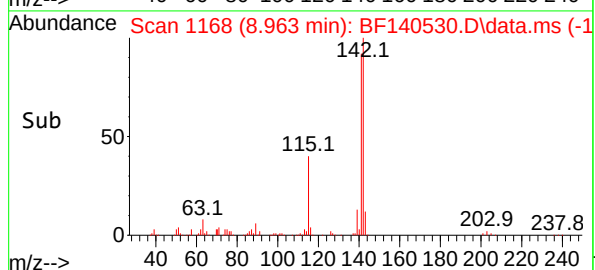
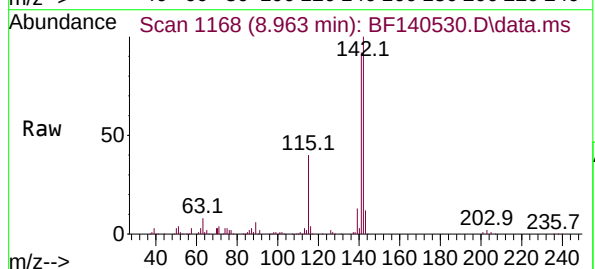
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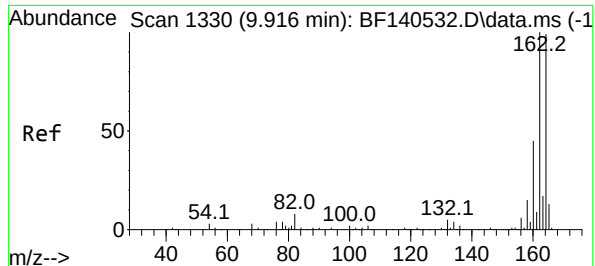
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 10.372 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:142 Resp: 125672
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 213774

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

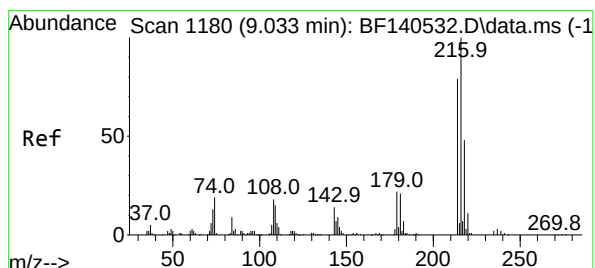
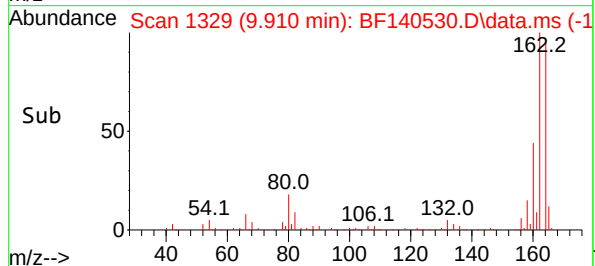
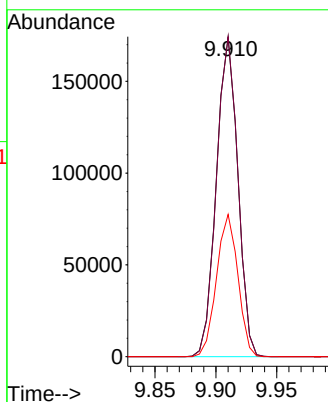
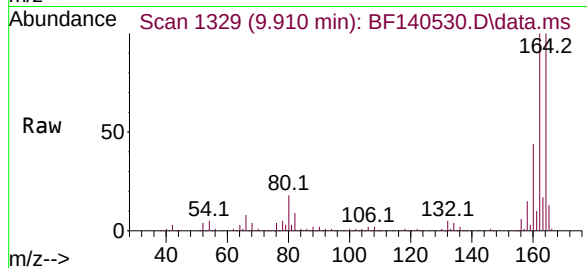
160 44.6 36.2 54.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.308 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:216 Resp: 64508

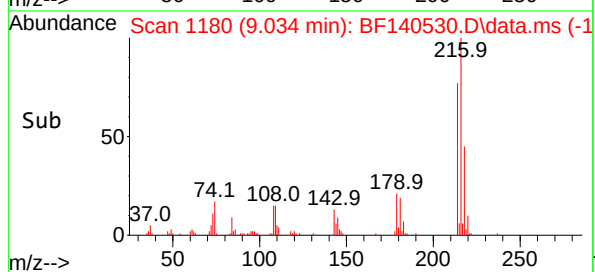
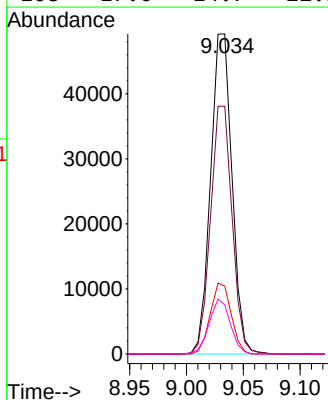
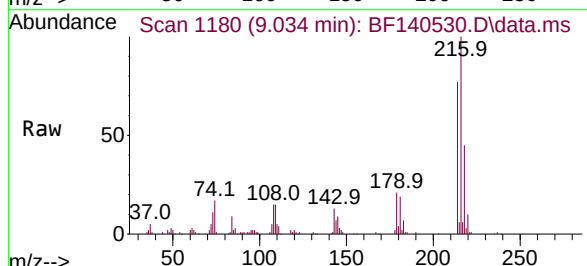
Ion Ratio Lower Upper

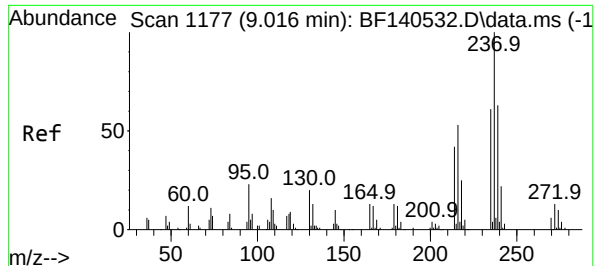
216 100

214 78.0 63.0 94.4

179 21.7 17.5 26.3

108 17.0 14.7 22.1





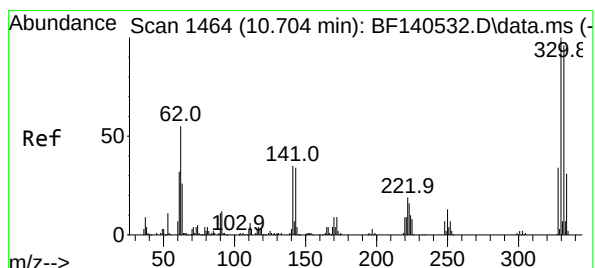
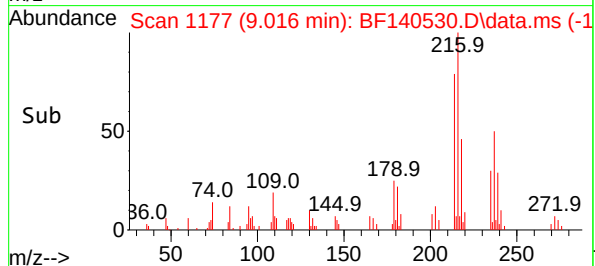
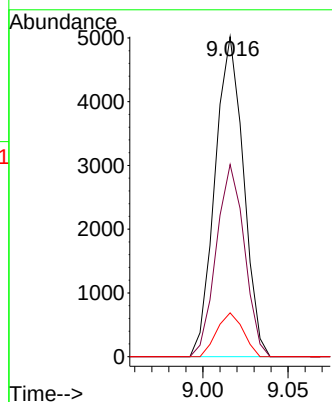
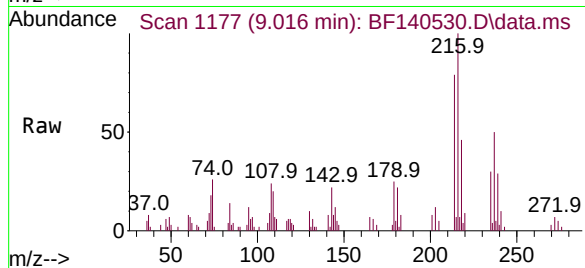
#41
Hexachlorocyclopentadiene
Concen: 11.063 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 5830
Ion Ratio Lower Upper
237 100
235 60.1 41.1 81.1
272 13.7 0.0 32.6

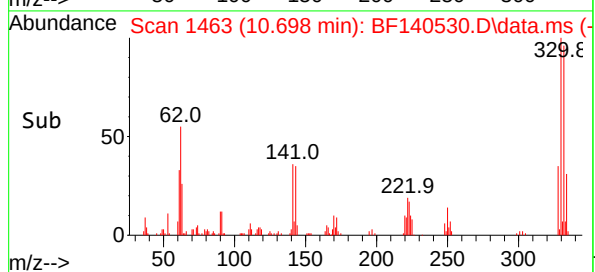
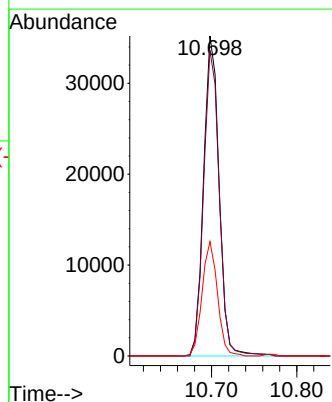
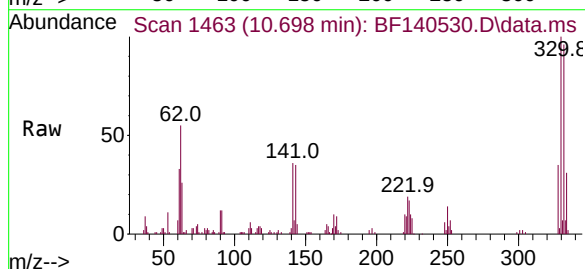
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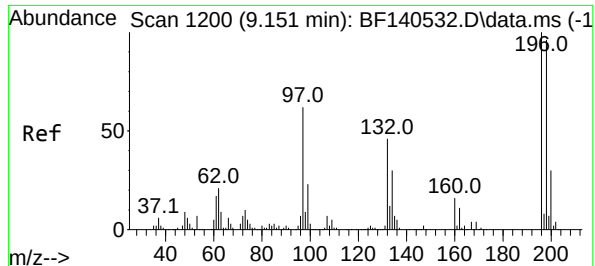
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 19.519 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:330 Resp: 44626
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 35.3 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 9.748 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140530.D

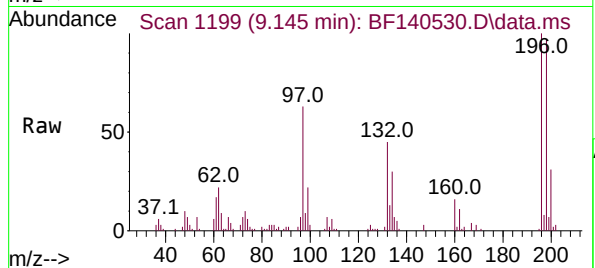
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 38279

Ion Ratio Lower Upper

196 100

198 97.3 76.8 115.2

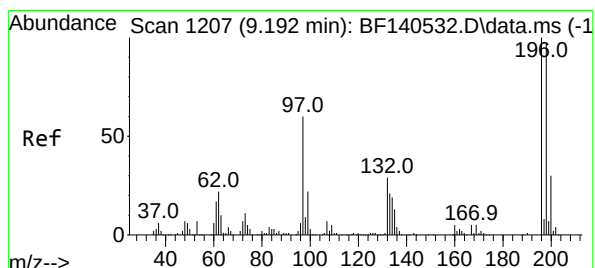
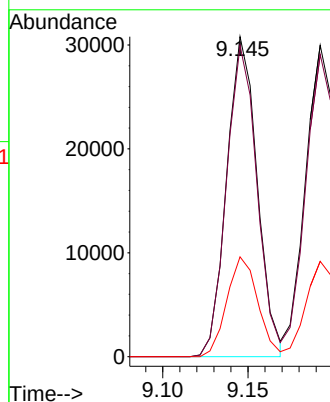
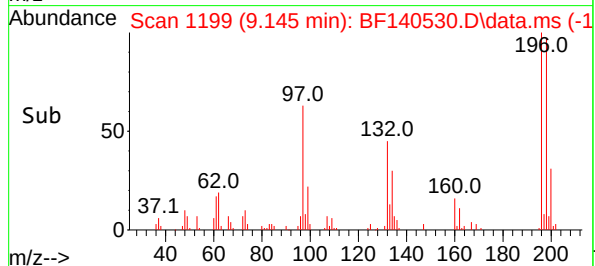
200 31.2 24.3 36.5

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#44

2,4,5-Trichlorophenol

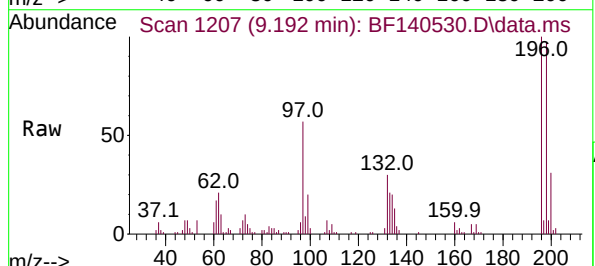
Concen: 9.930 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05



Tgt Ion:196 Resp: 42321

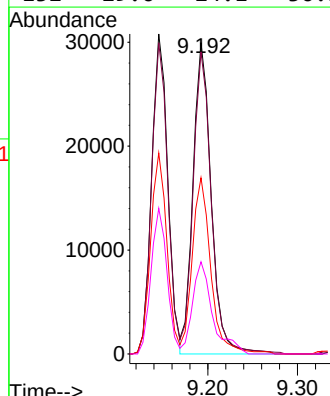
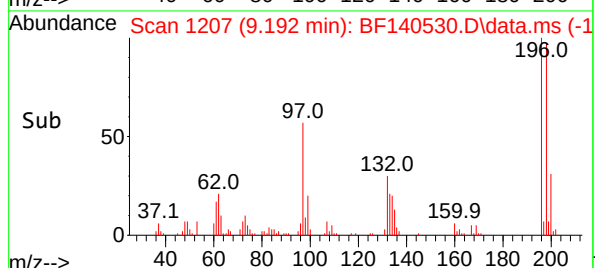
Ion Ratio Lower Upper

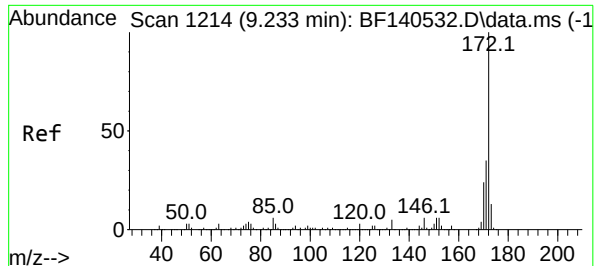
196 100

198 97.0 77.2 115.8

97 56.6 47.1 70.7

132 29.6 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 20.896 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 29981

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

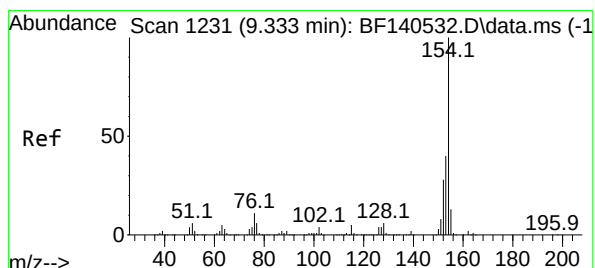
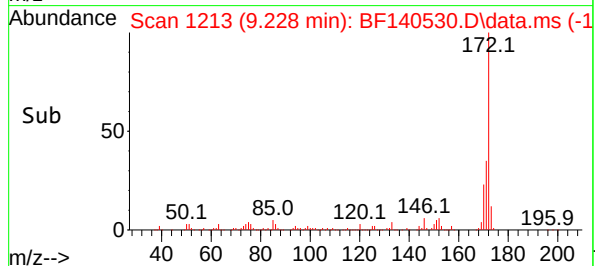
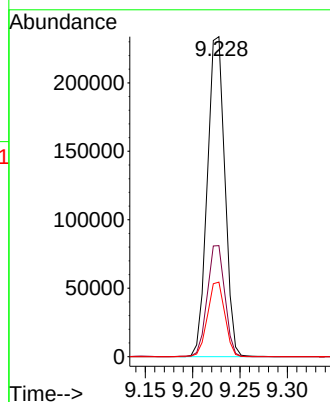
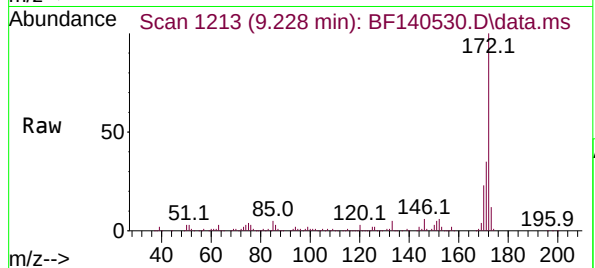
170 23.3 19.0 28.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#46

1,1'-Biphenyl

Concen: 10.244 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

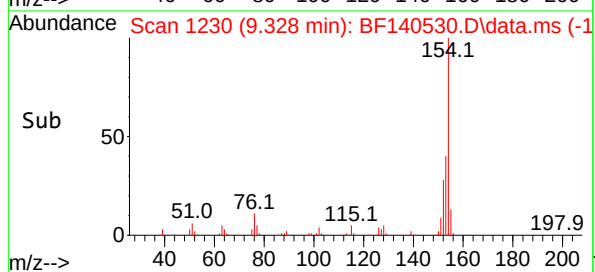
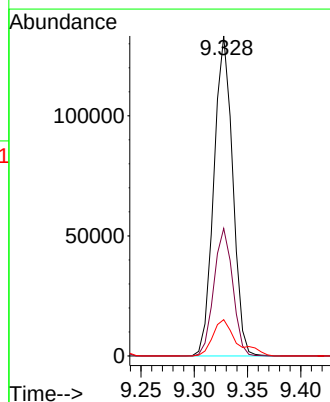
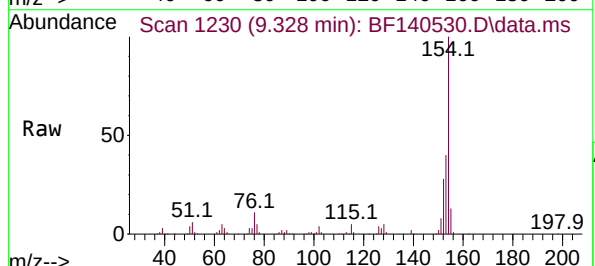
Tgt Ion:154 Resp: 163500

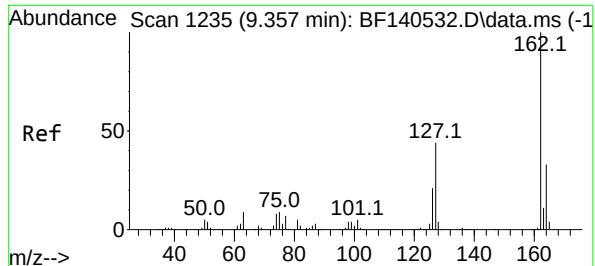
Ion Ratio Lower Upper

154 100

153 39.8 20.4 60.4

76 11.3 0.0 31.2





#47

2-Chloronaphthalene

Concen: 10.117 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140530.D

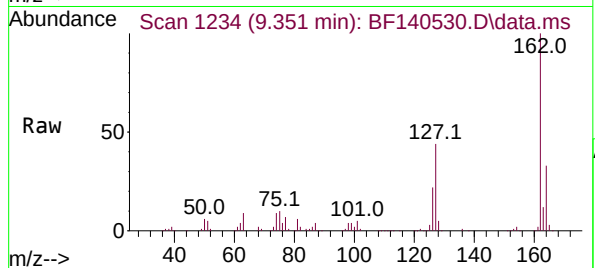
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:162 Resp: 122350

Ion Ratio Lower Upper

162 100

127 43.9 35.7 53.5

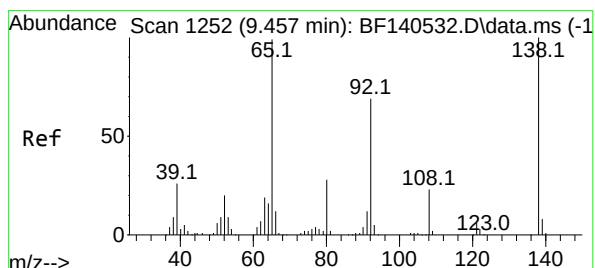
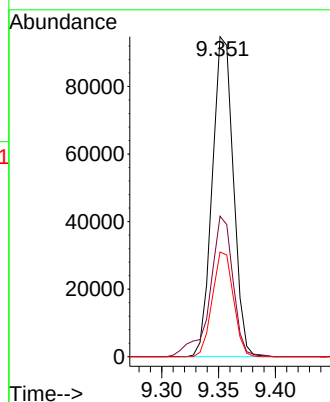
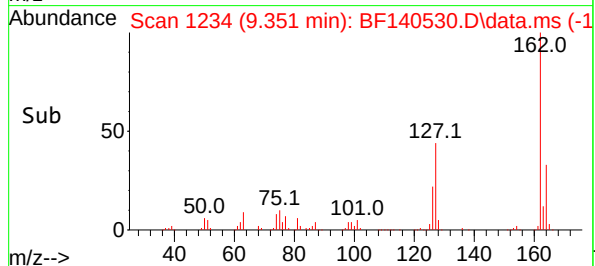
164 32.7 26.1 39.1

Manual Integrations

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#48

2-Nitroaniline

Concen: 9.655 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

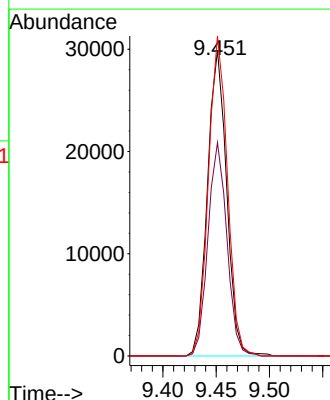
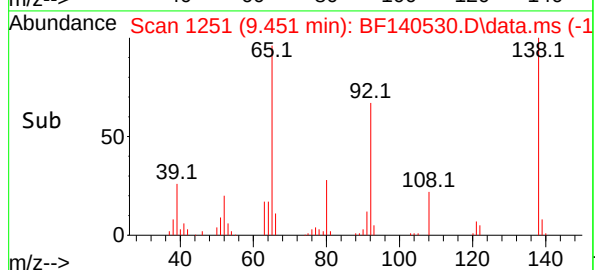
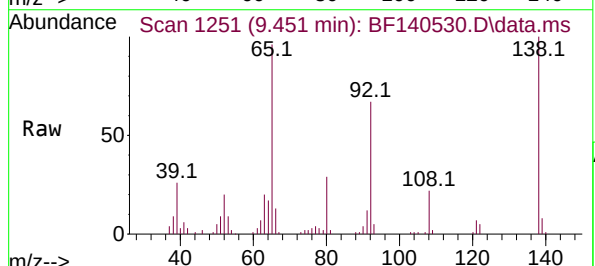
Tgt Ion: 65 Resp: 37481

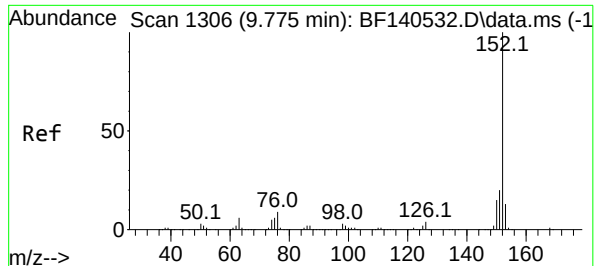
Ion Ratio Lower Upper

65 100

92 69.8 56.1 84.1

138 104.7 81.0 121.6





#49

Acenaphthylene

Concen: 10.326 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

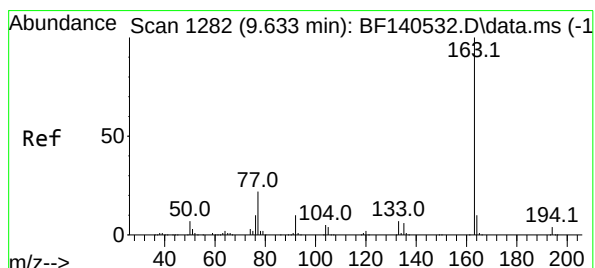
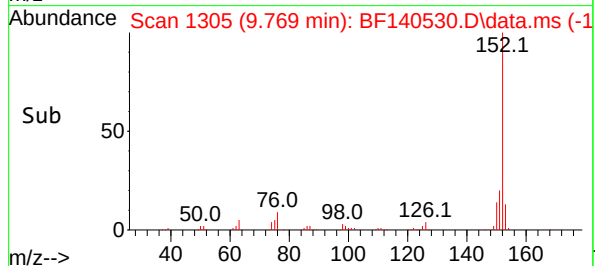
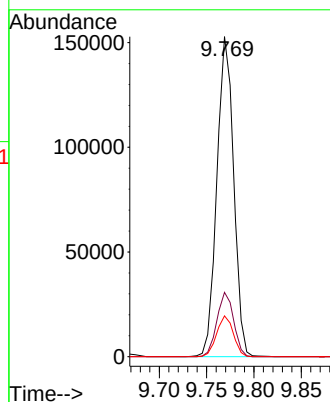
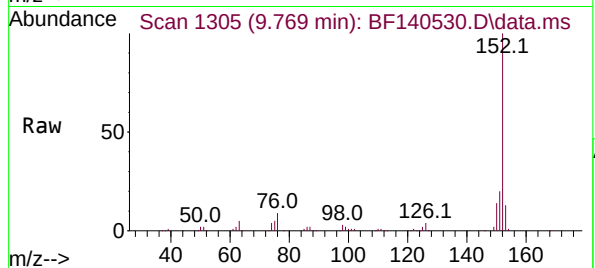
SSTDICC010

Tgt Ion:152	Resp: 188670
Ion Ratio	Lower Upper
152	100
151	20.1 15.9 23.9
153	12.8 10.6 16.0

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Supervised By :mohammad ahmed 11/27/2024



#50

Dimethylphthalate

Concen: 10.092 ng

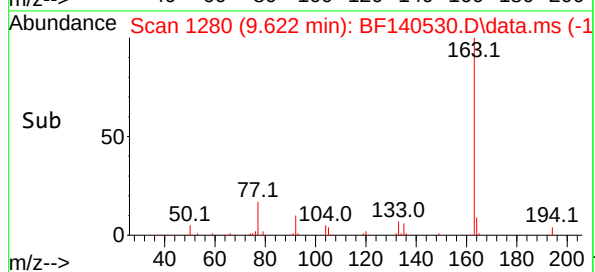
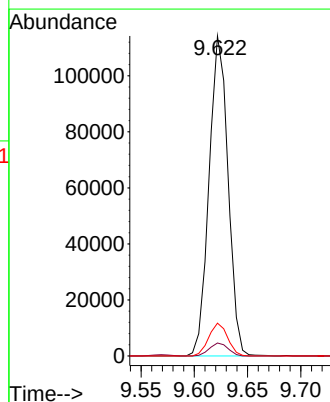
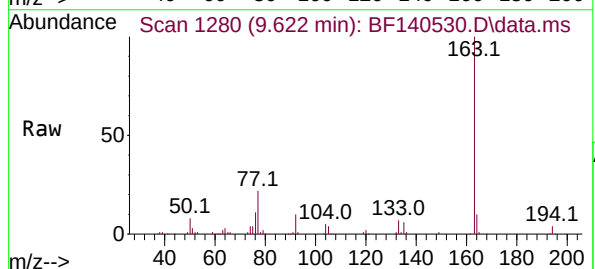
RT: 9.622 min Scan# 1280

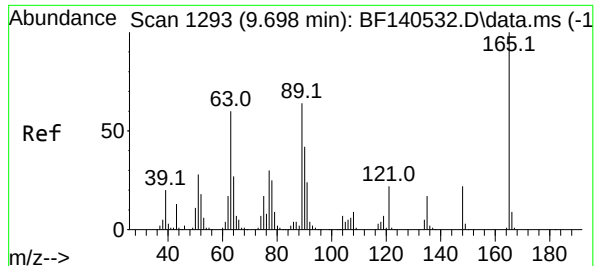
Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:163	Resp: 142079
Ion Ratio	Lower Upper
163	100
194	4.1 3.1 4.7
164	10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 10.021 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

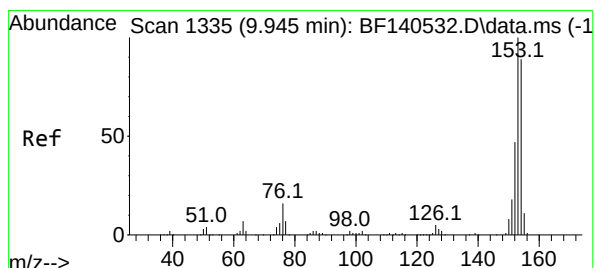
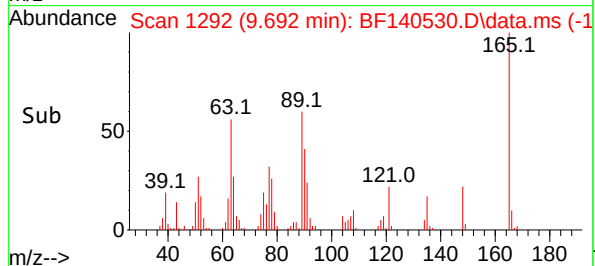
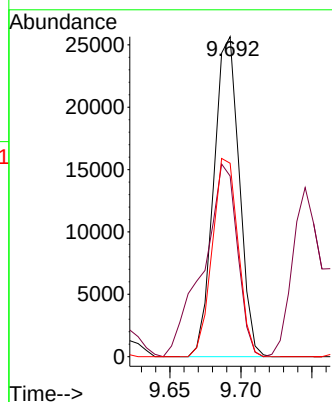
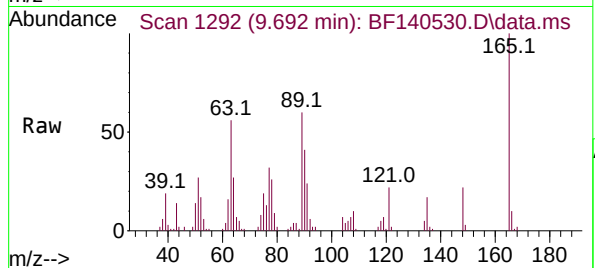
SSTDICC010

Tgt Ion:165	Resp:	31998
Ion Ratio	Lower	Upper
165	100	
63	56.5	49.9 74.9
89	60.4	50.9 76.3

Manual Integrations

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#52

Acenaphthene

Concen: 10.031 ng

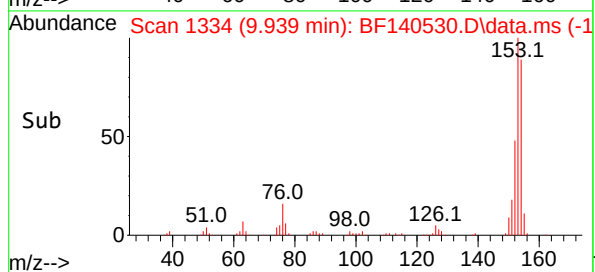
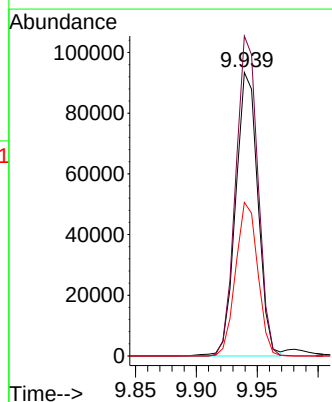
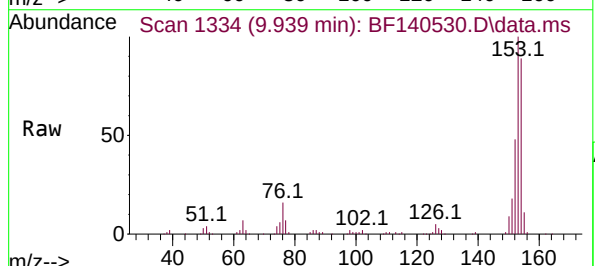
RT: 9.939 min Scan# 1334

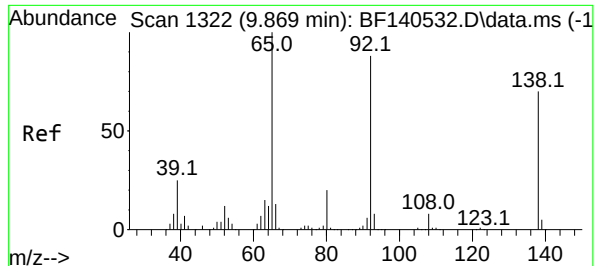
Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:154	Resp:	118691
Ion Ratio	Lower	Upper
154	100	
153	112.8	89.7 134.5
152	54.2	42.5 63.7





#53
3-Nitroaniline
Concen: 10.177 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

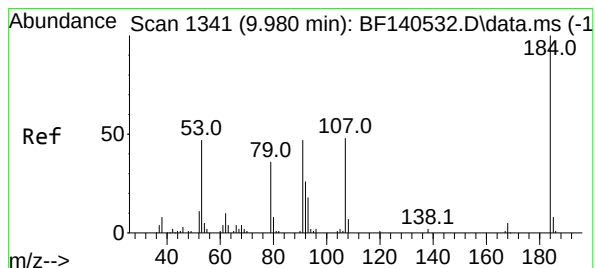
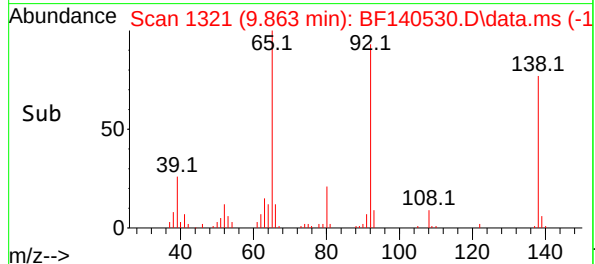
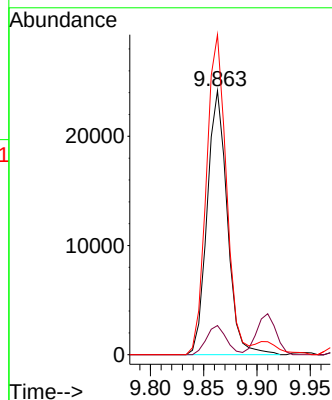
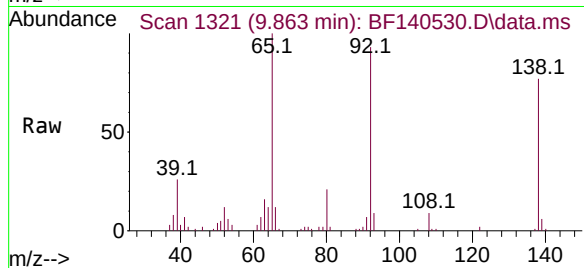
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.2	13.8
92	121.2	100.6	150.8

Manual Integrations

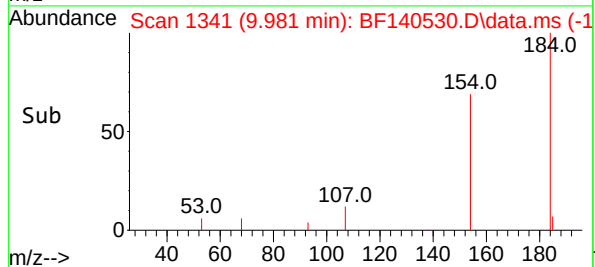
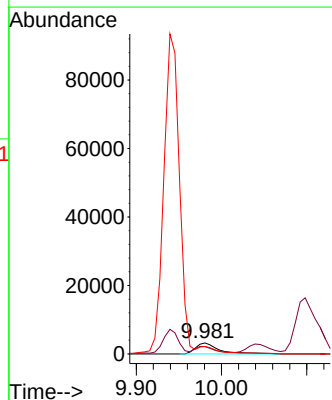
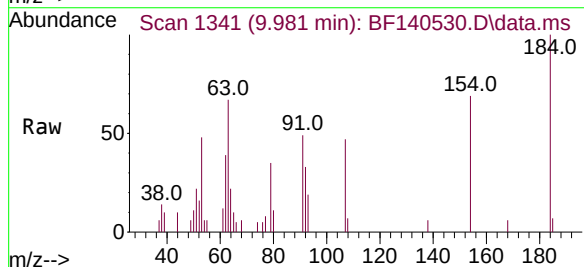
APPROVED

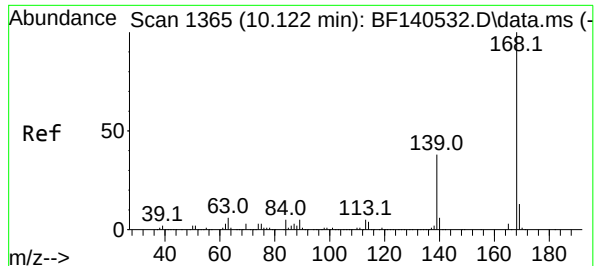
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 11.143 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

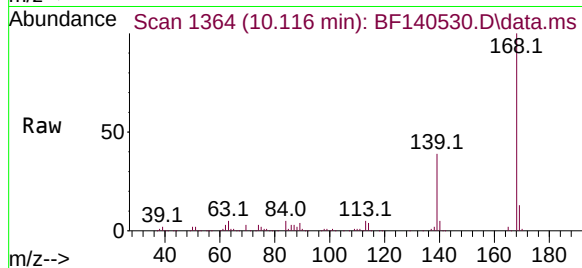
Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.4	54.1	81.1
154	68.7	57.4	86.0





#55
Dibenzenofuran
Concen: 10.497 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

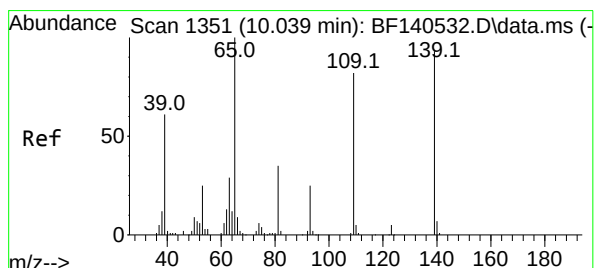
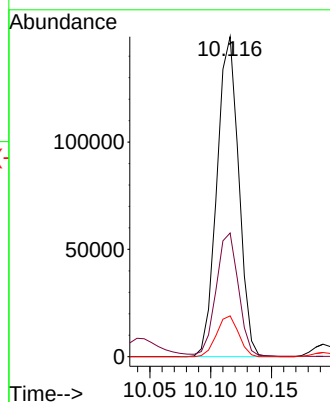
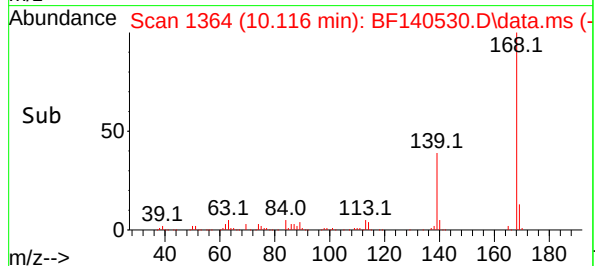
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:168 Resp: 185902
Ion Ratio Lower Upper
168 100
139 38.7 31.3 46.9
169 12.8 10.5 15.7

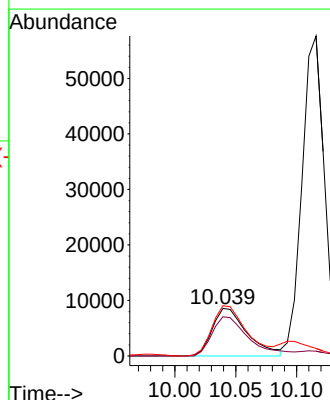
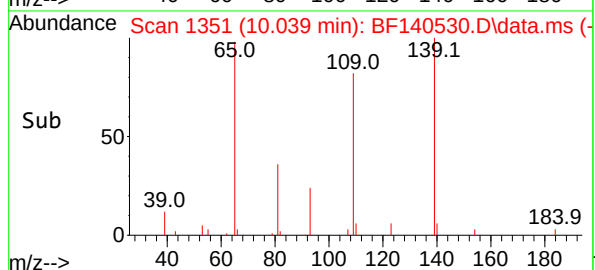
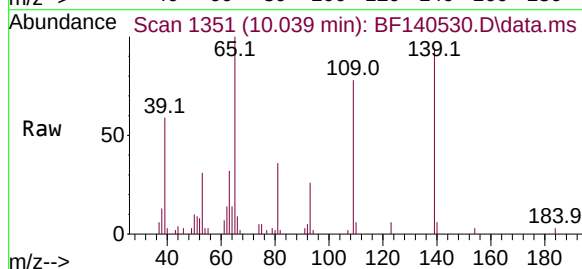
Manual Integrations
APPROVED

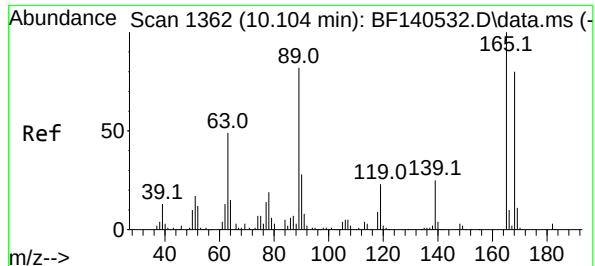
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 8.006 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:139 Resp: 17052
Ion Ratio Lower Upper
139 100
109 82.5 68.4 108.4
65 105.9 88.6 128.6





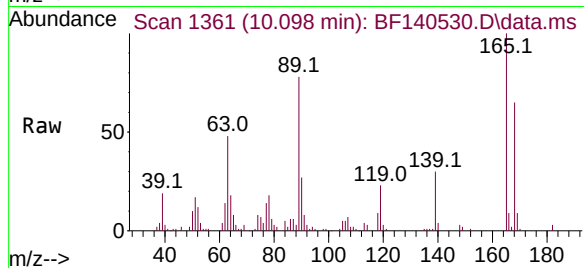
#57
2,4-Dinitrotoluene
Concen: 10.140 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

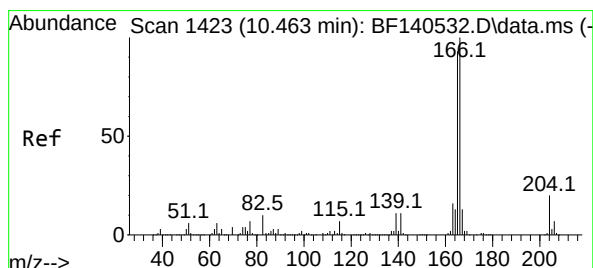
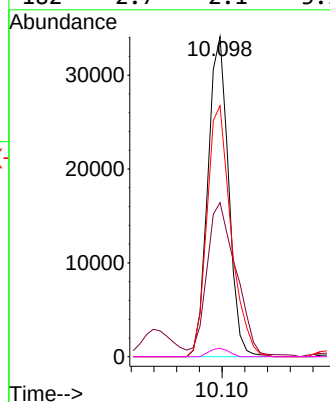
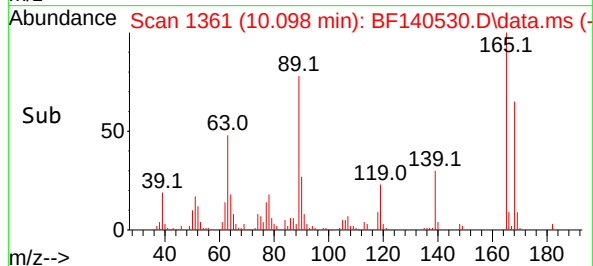


Tgt Ion:165 Resp: 43030
Ion Ratio Lower Upper
165 100
63 48.1 41.7 62.5
89 78.4 65.8 98.8
182 2.7 2.1 3.1

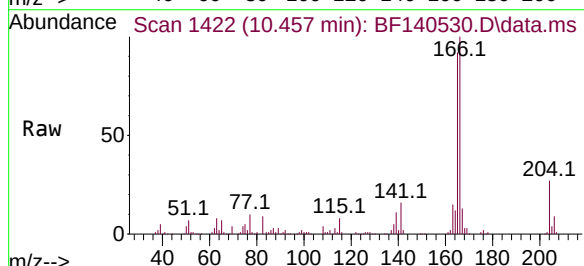
Manual Integrations

APPROVED

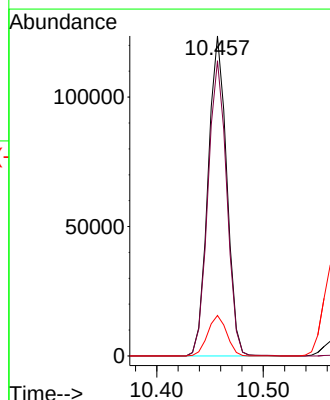
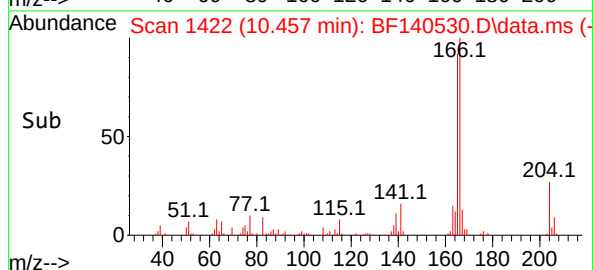
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

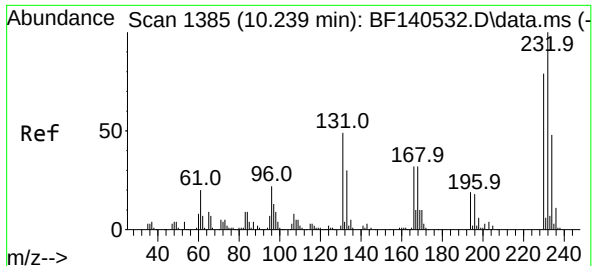


#58
Fluorene
Concen: 10.594 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05



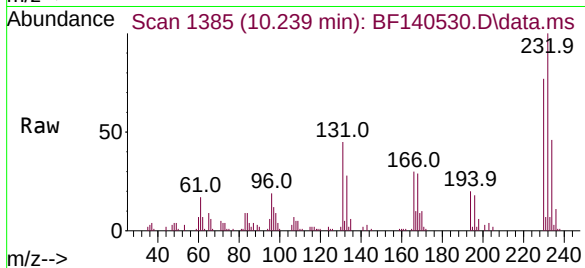
Tgt Ion:166 Resp: 150592
Ion Ratio Lower Upper
166 100
165 92.3 74.6 111.8
167 12.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.670 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

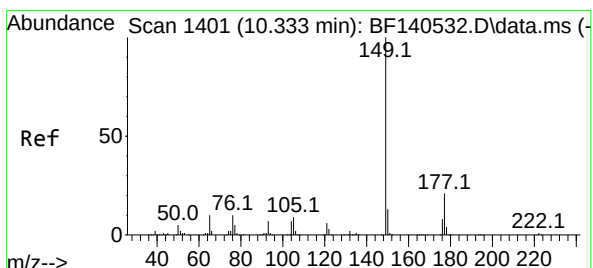
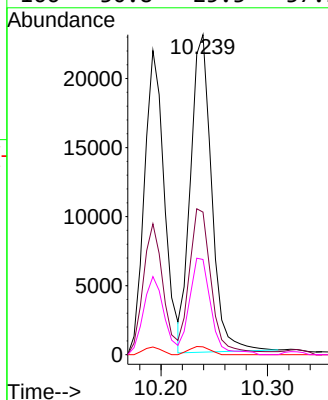
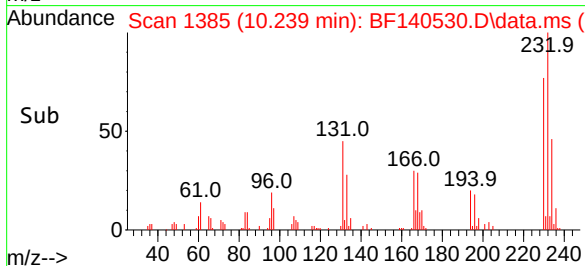
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 31672
Ion Ratio Lower Upper
232 100
131 48.3 39.6 59.4
130 2.6 1.9 2.9
166 30.8 25.3 37.9

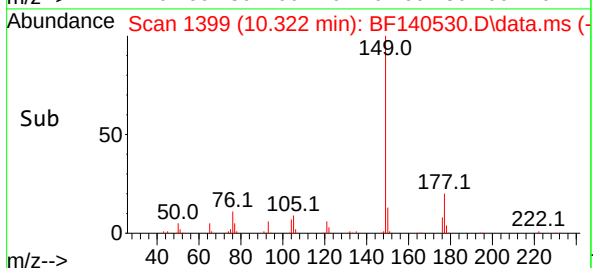
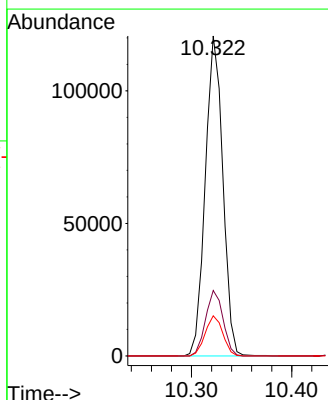
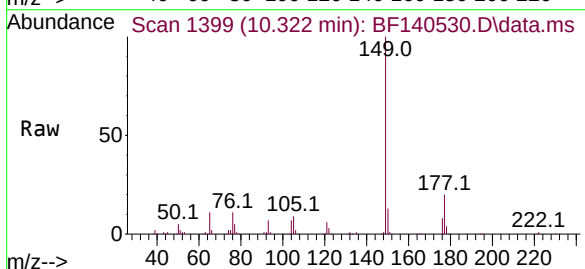
Manual Integrations
APPROVED

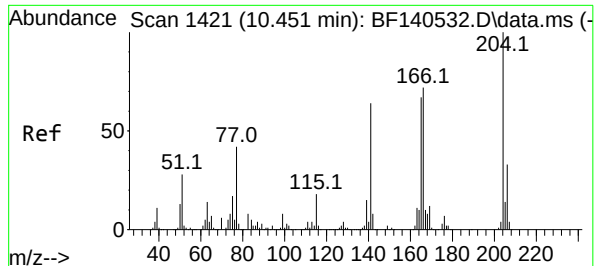
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 10.276 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:149 Resp: 146994
Ion Ratio Lower Upper
149 100
177 20.4 17.1 25.7
150 12.5 10.1 15.1





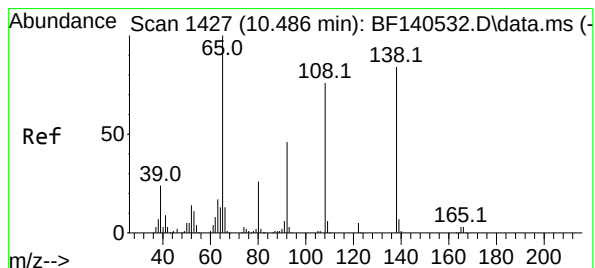
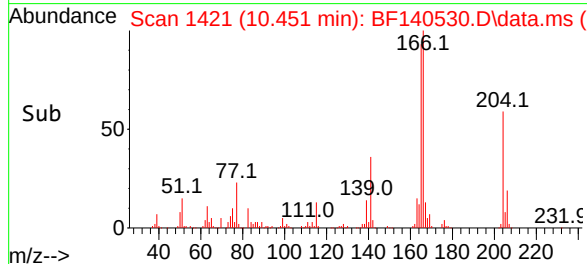
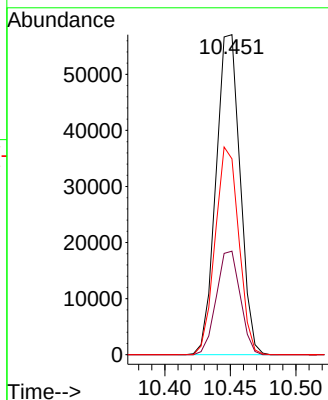
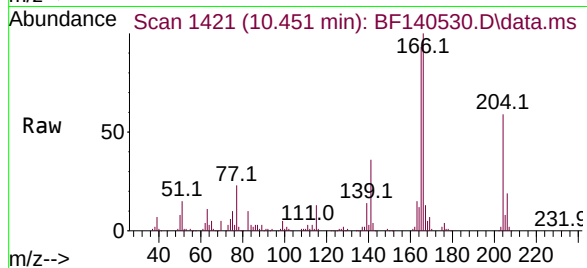
#61
4-Chlorophenyl-phenylether
Concen: 10.452 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 72915
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 61.2 51.1 76.7

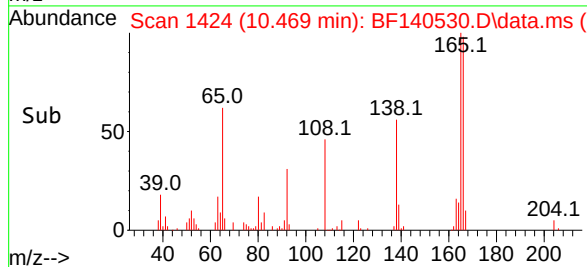
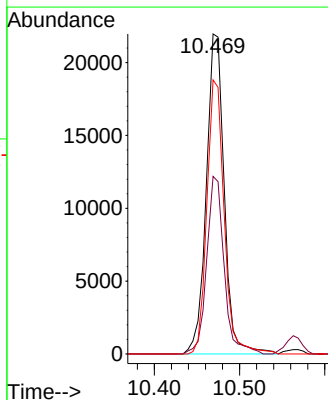
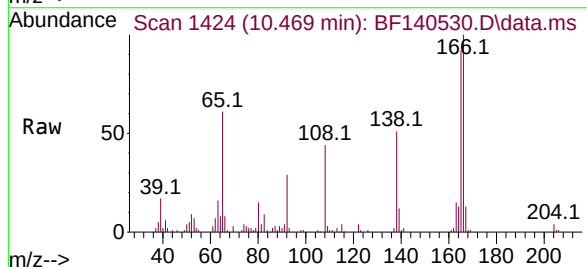
Manual Integrations
APPROVED

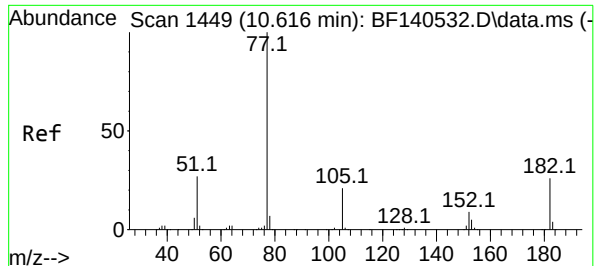
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 9.829 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.018 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

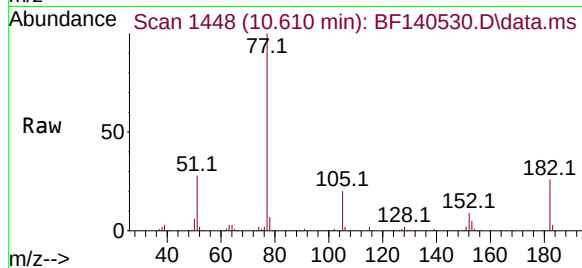
Tgt Ion:138 Resp: 32193
Ion Ratio Lower Upper
138 100
92 55.5 34.5 74.5
108 85.7 70.6 110.6





#63
Azobenzene
Concen: 10.412 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

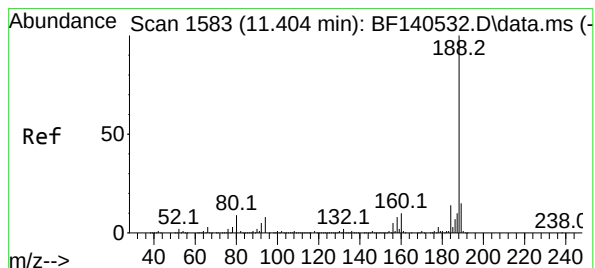
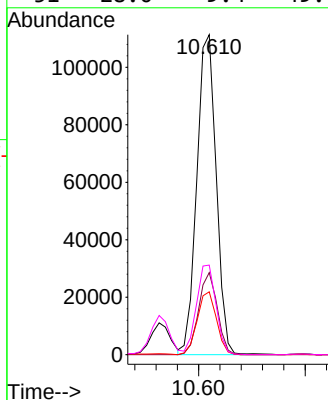
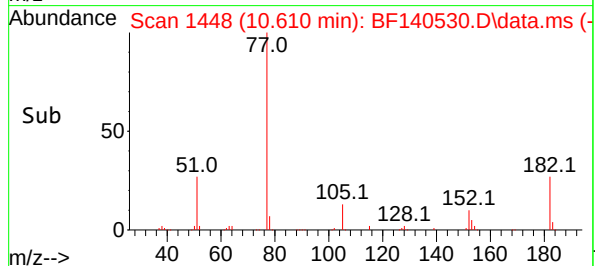
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 141049
Ion Ratio Lower Upper
77 100
182 25.6 5.3 45.3
105 19.6 0.3 40.3
51 28.0 9.4 49.4

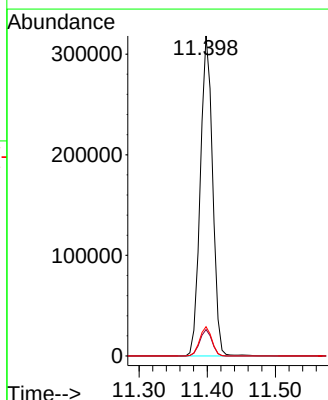
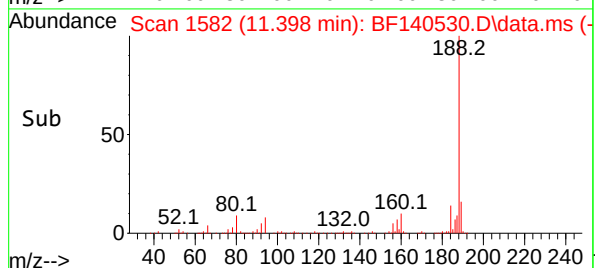
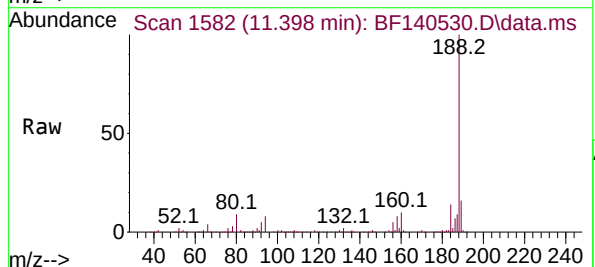
Manual Integrations
APPROVED

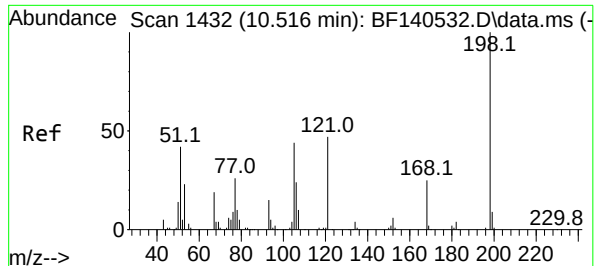
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:188 Resp: 399362
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.1 6.9 10.3





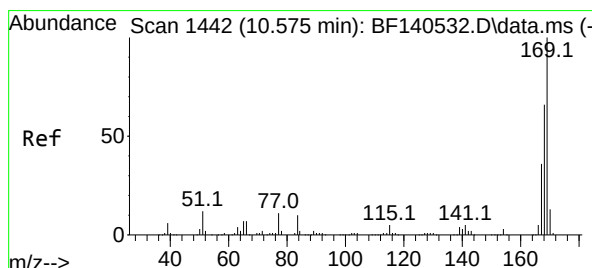
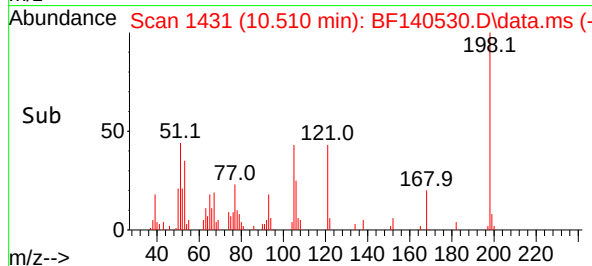
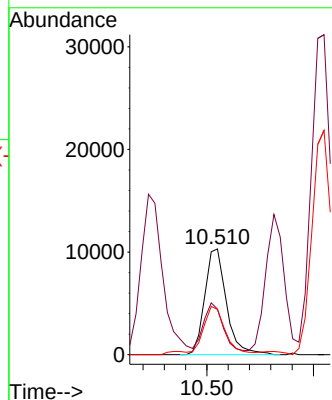
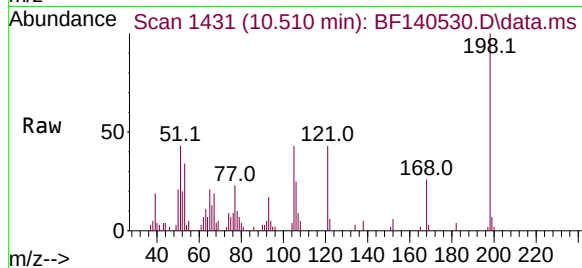
#65
4,6-Dinitro-2-methylphenol
Concen: 7.140 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 14572
Ion Ratio Lower Upper
198 100
51 43.0 29.4 69.4
105 42.8 25.4 65.4

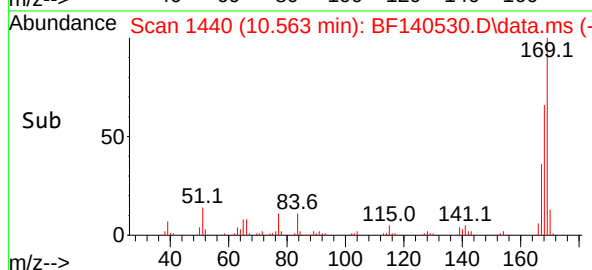
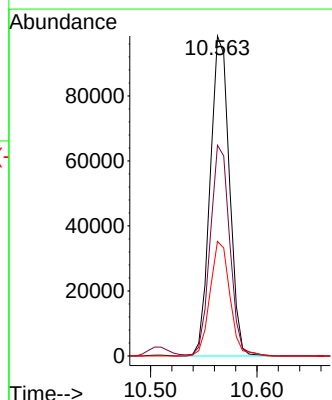
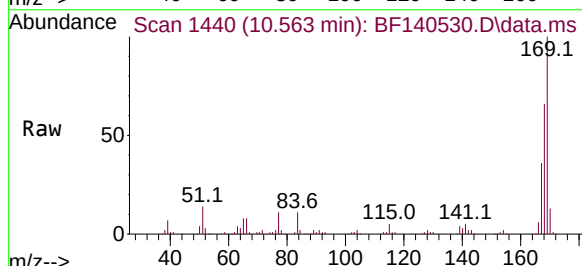
Manual Integrations
APPROVED

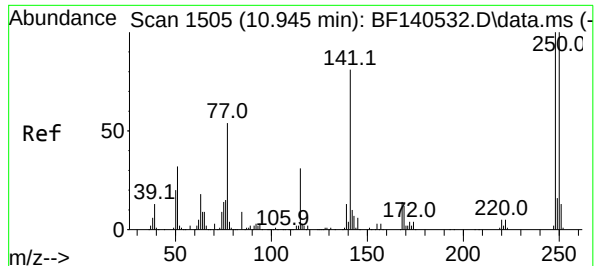
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 10.447 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:169 Resp: 123384
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 35.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 10.444 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

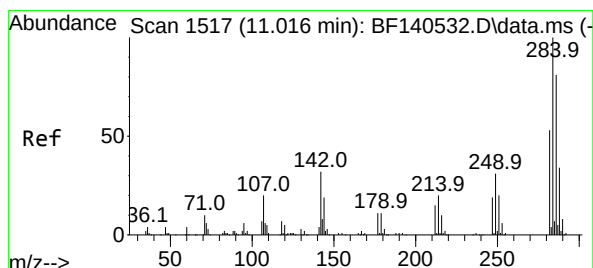
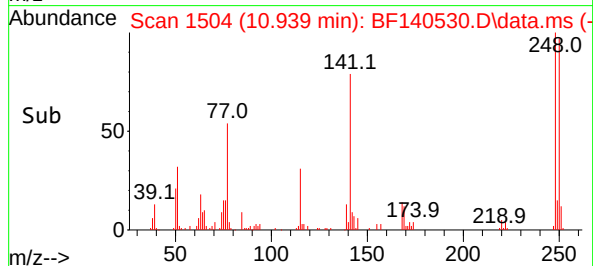
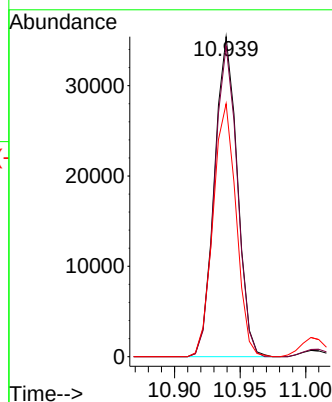
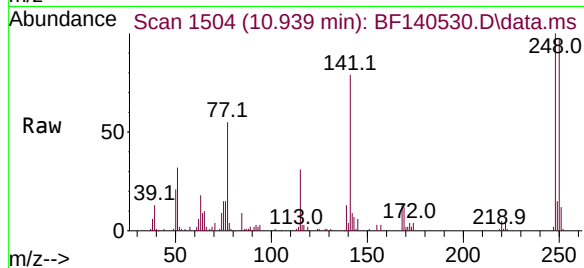
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	79.8	119.8
141	79.1	64.7	97.1

Manual Integrations

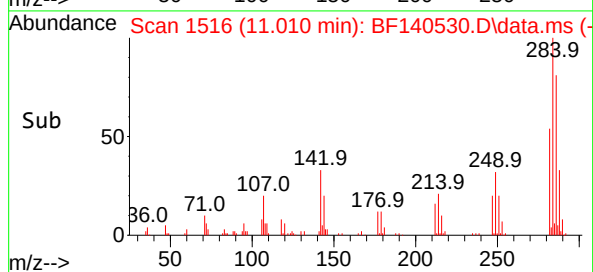
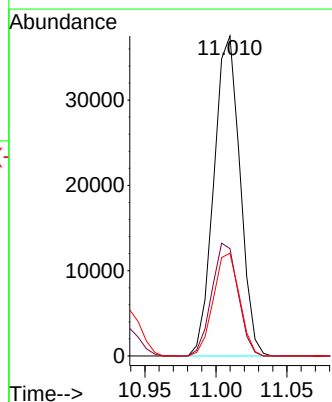
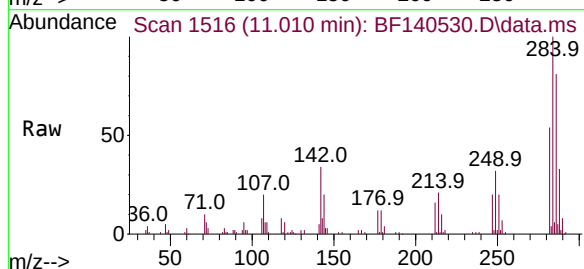
APPROVED

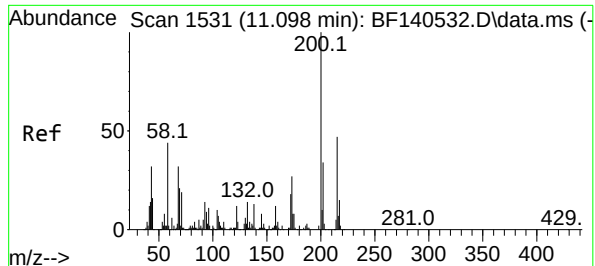
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 10.078 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	25.3	37.9
249	32.1	24.8	37.2





#69

Atrazine

Concen: 10.292 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

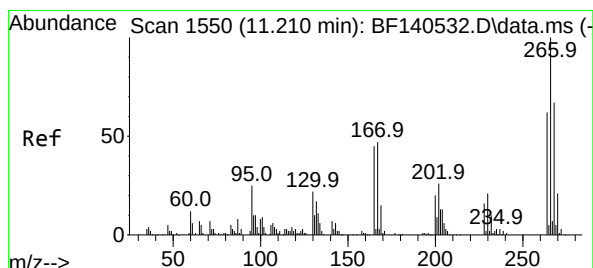
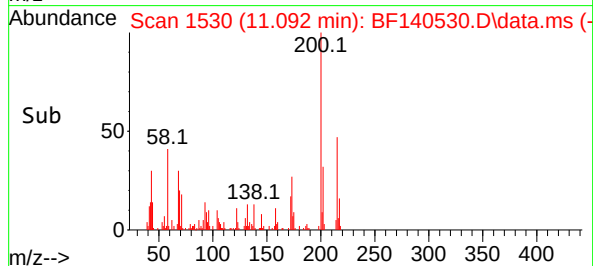
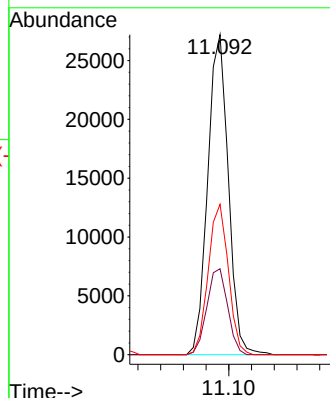
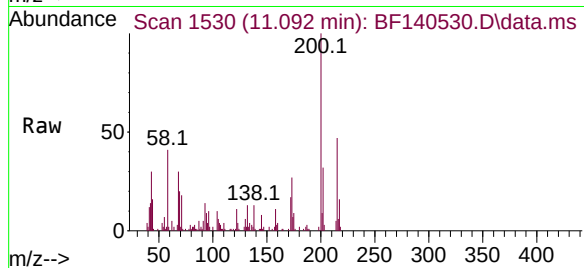
SSTDICC010

Tgt Ion	200	Resp	3419
Ion Ratio	Lower	Upper	
200	100		
173	26.8	7.0	47.0
215	47.0	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 6.732 ng

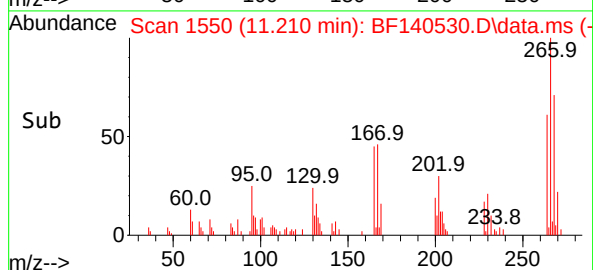
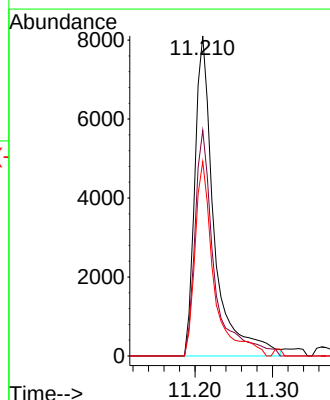
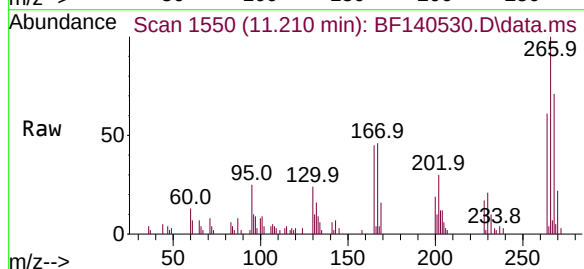
RT: 11.210 min Scan# 1550

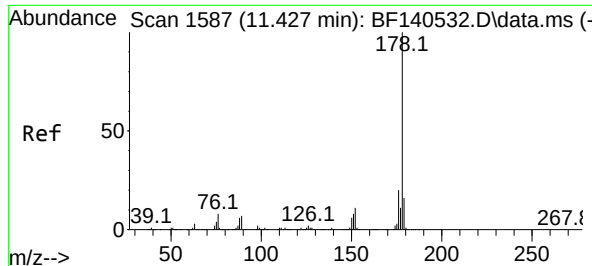
Delta R.T. -0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion	266	Resp	14110
Ion Ratio	Lower	Upper	
266	100		
268	70.5	53.7	80.5
264	60.7	49.8	74.8





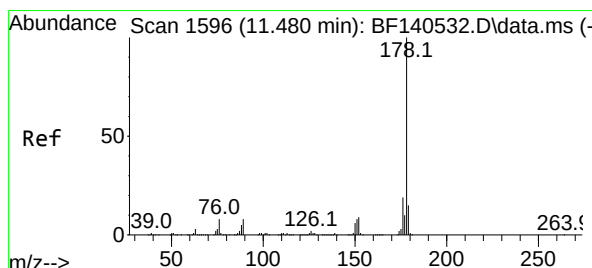
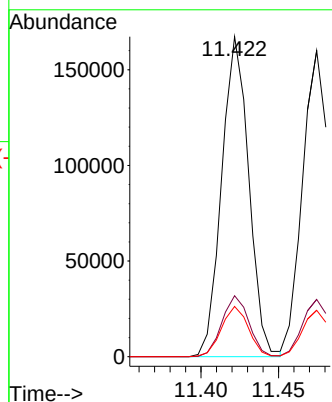
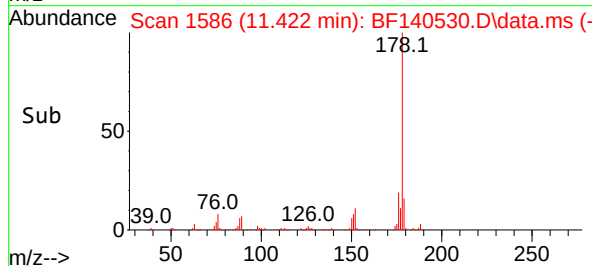
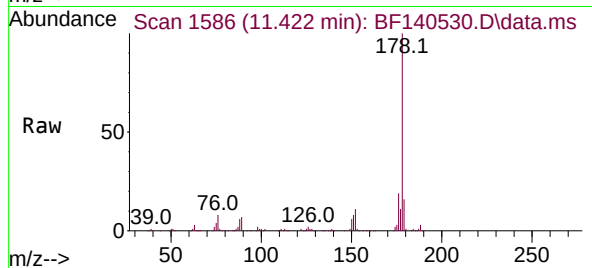
#71
Phenanthrene
Concen: 10.606 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 203602
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.7 12.4 18.6

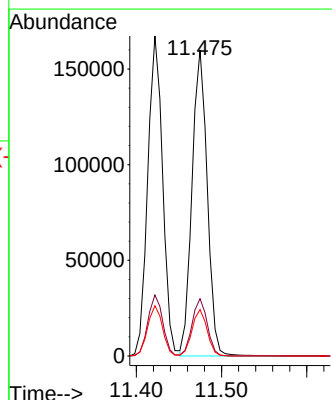
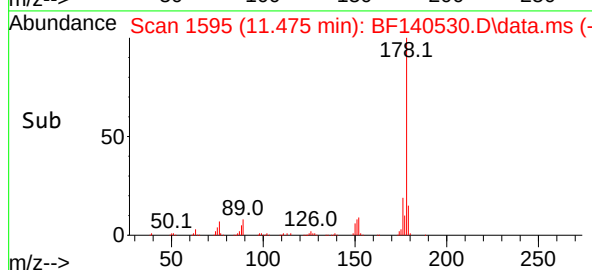
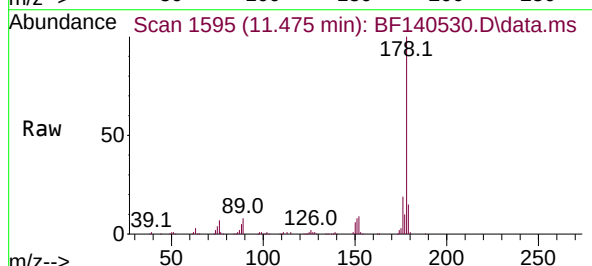
Manual Integrations
APPROVED

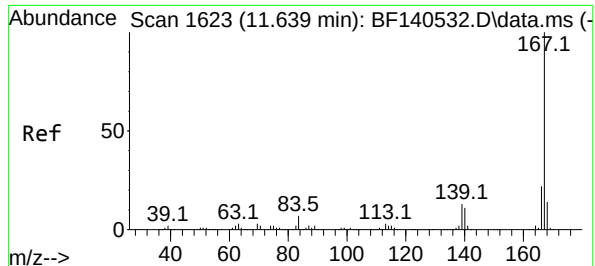
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 10.567 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

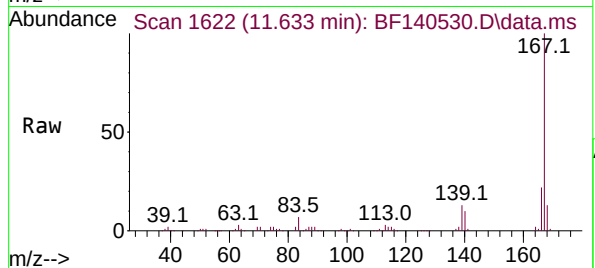
Tgt Ion:178 Resp: 198430
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.1 12.2 18.4





#73
Carbazole
Concen: 10.495 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

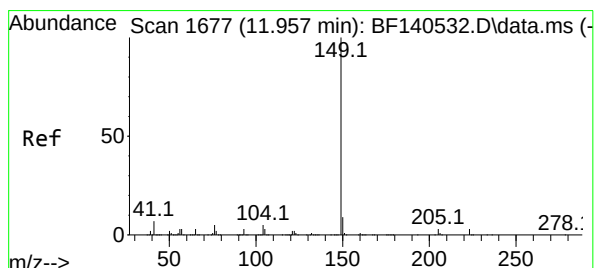
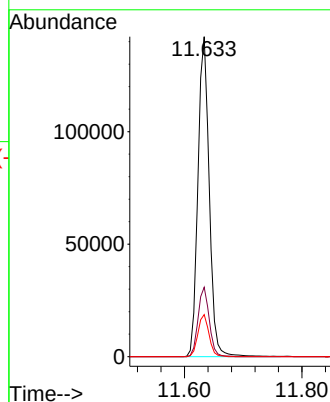
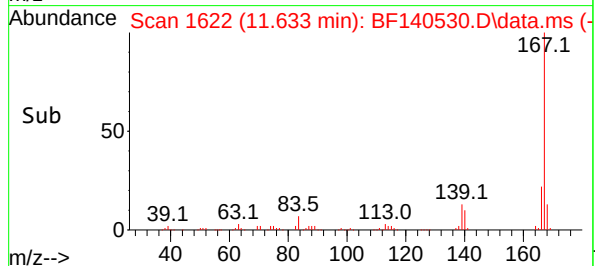
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 189597
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 13.2 10.6 15.8

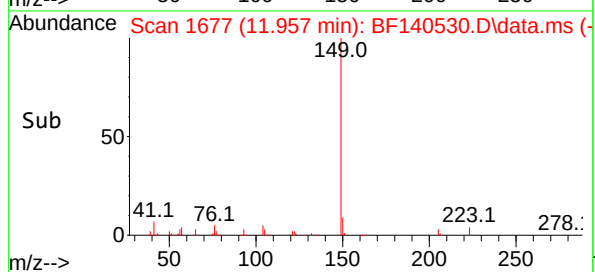
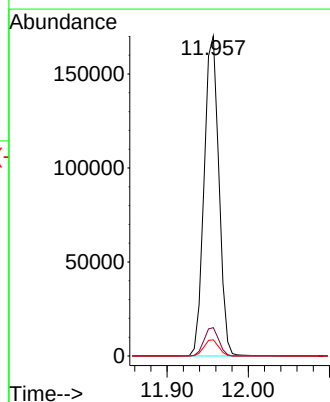
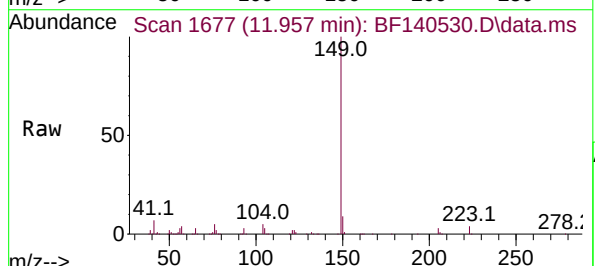
Manual Integrations
APPROVED

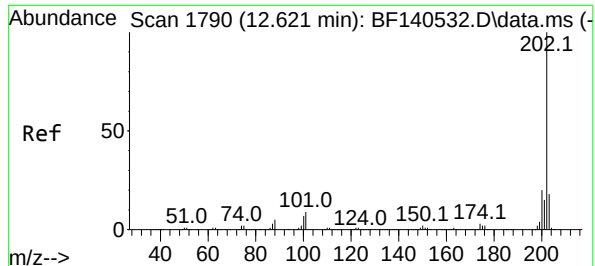
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#74
Di-n-butylphthalate
Concen: 10.288 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

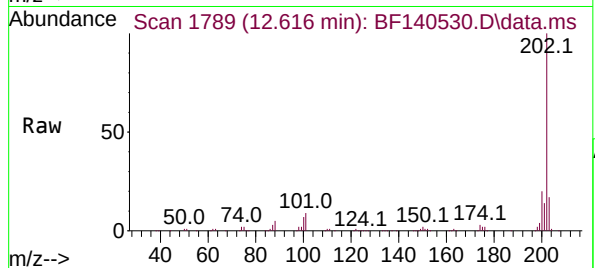
Tgt Ion:149 Resp: 214564
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 10.640 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

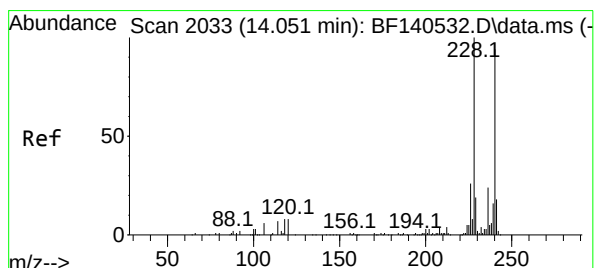
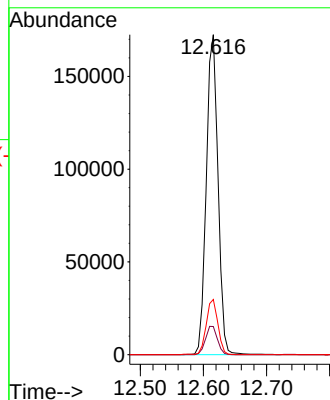
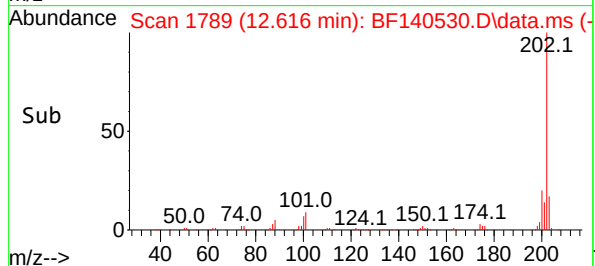
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 22177
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.9
203 17.3 0.0 37.6

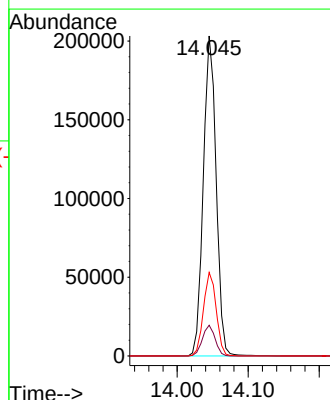
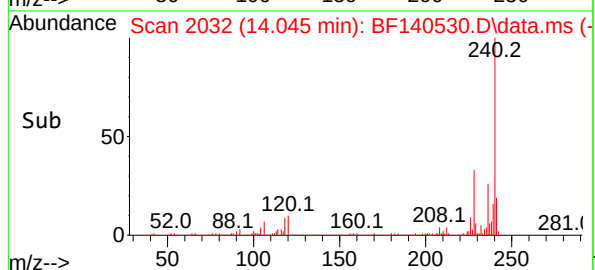
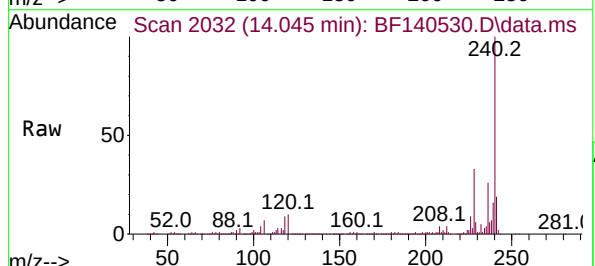
Manual Integrations
APPROVED

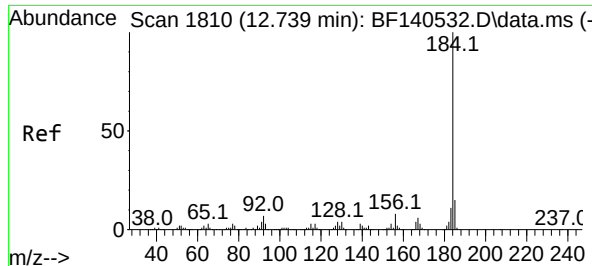
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

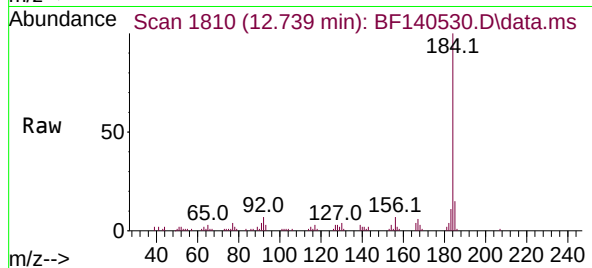
Tgt Ion:240 Resp: 256196
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.1 20.6 31.0





#77
Benzidine
Concen: 7.252 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

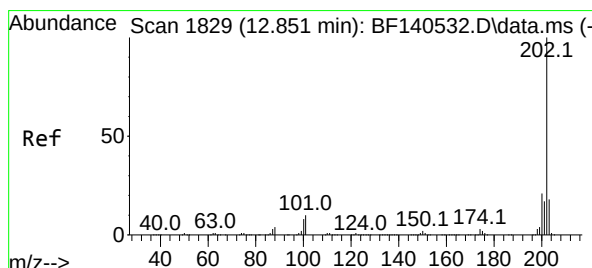
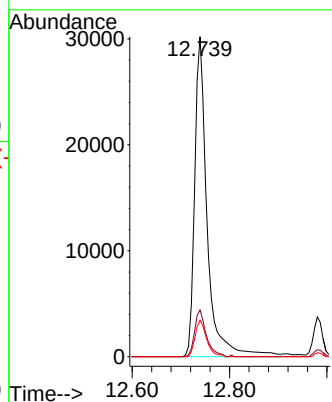
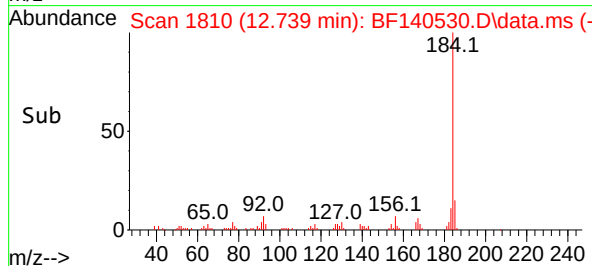
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 5402
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.4 8.8 13.2

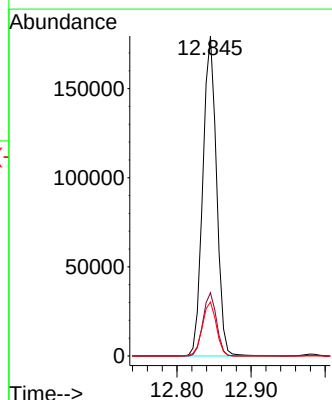
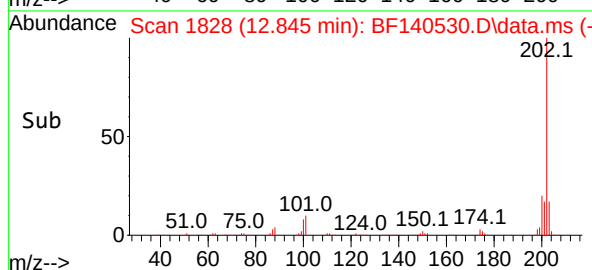
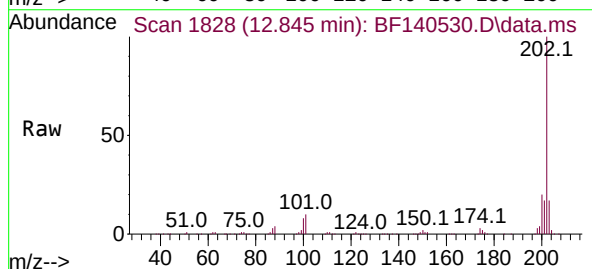
Manual Integrations
APPROVED

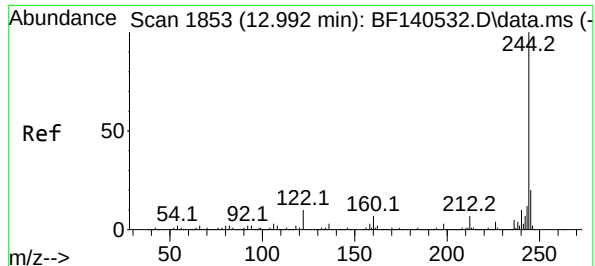
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#78
Pyrene
Concen: 9.741 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

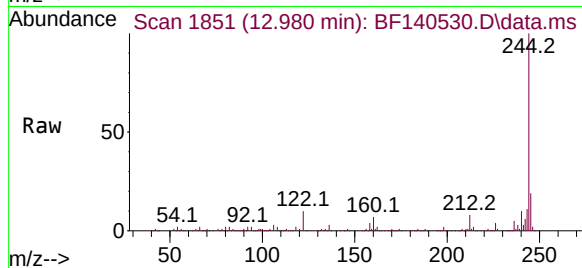
Tgt Ion:202 Resp: 230747
Ion Ratio Lower Upper
202 100
200 19.7 16.5 24.7
203 16.9 14.2 21.4





#79
Terphenyl-d14
Concen: 19.532 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

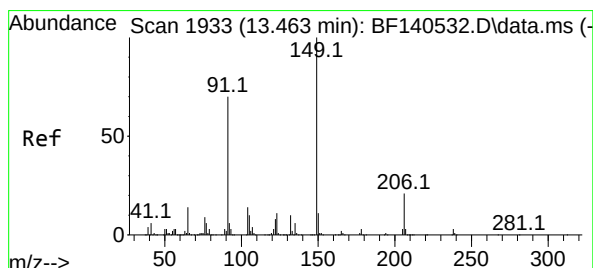
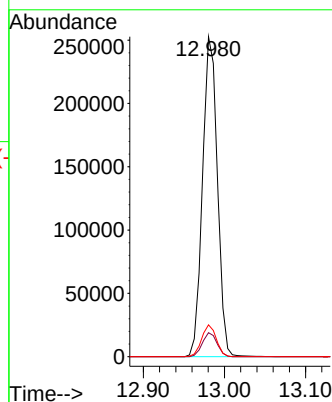
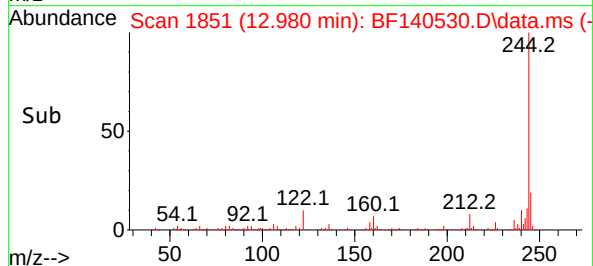
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:244 Resp: 321362
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 10.0 8.0 12.0

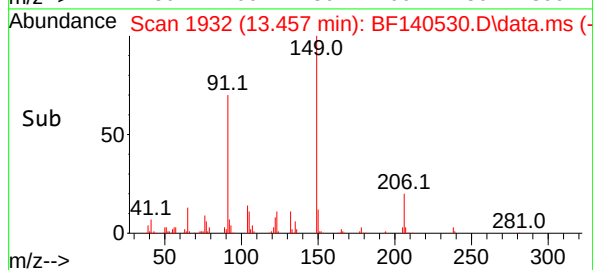
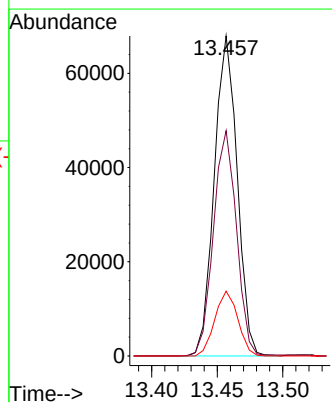
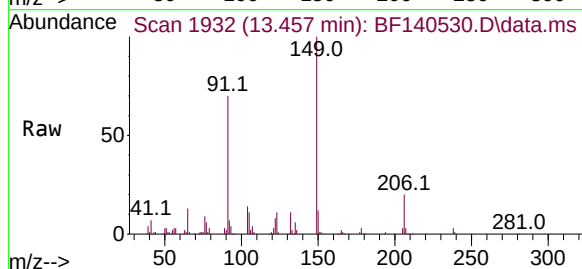
Manual Integrations
APPROVED

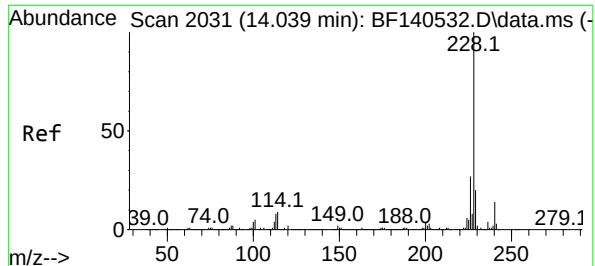
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#80
Butylbenzylphthalate
Concen: 9.674 ng
RT: 13.457 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

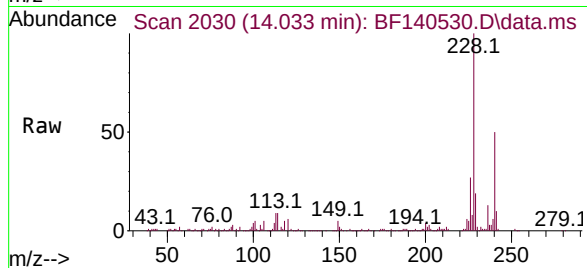
Tgt Ion:149 Resp: 82557
Ion Ratio Lower Upper
149 100
91 70.4 56.2 84.2
206 20.2 16.4 24.6





#81
Benzo(a)anthracene
Concen: 9.964 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

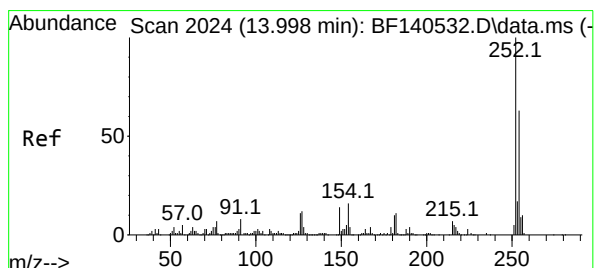
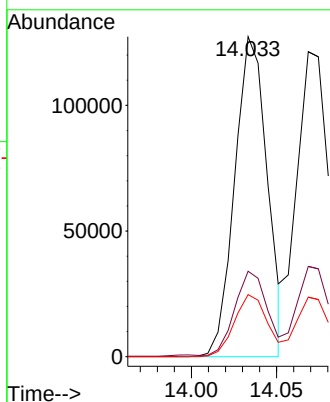
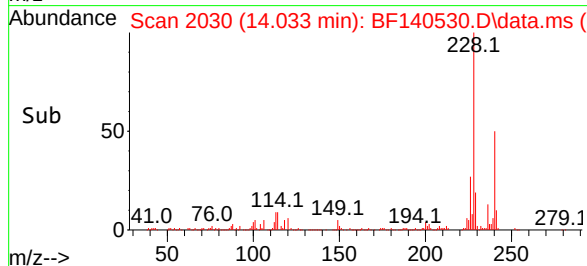
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 168988
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.4 15.8 23.6

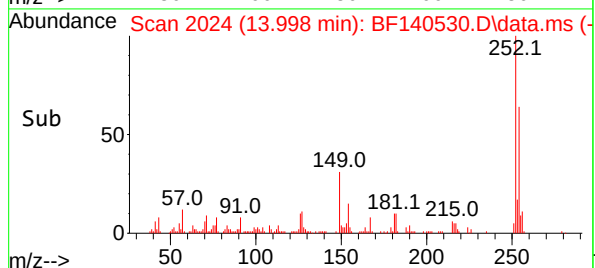
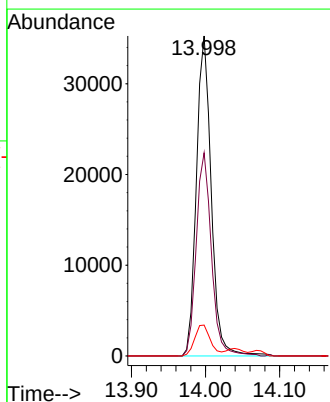
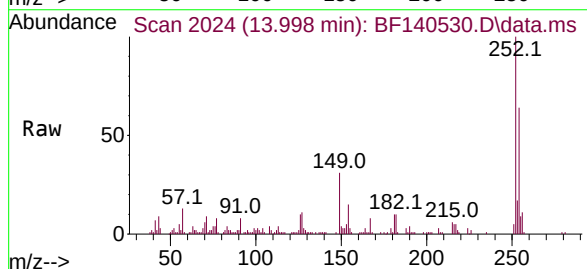
Manual Integrations
APPROVED

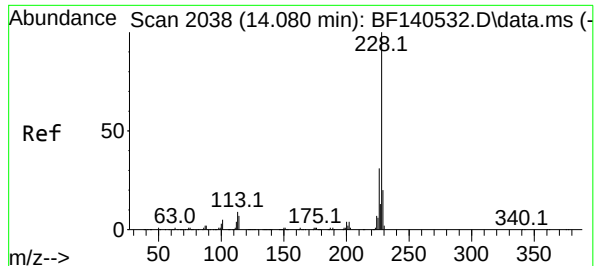
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 9.634 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

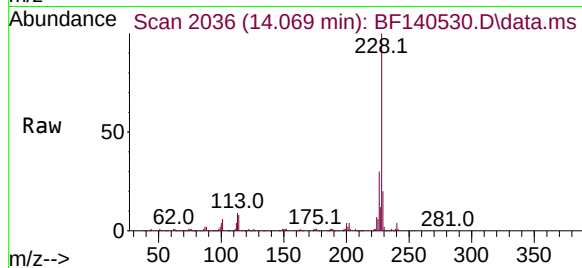
Tgt Ion:252 Resp: 49053
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 9.6 8.6 13.0





#83
Chrysene
Concen: 10.435 ng
RT: 14.069 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

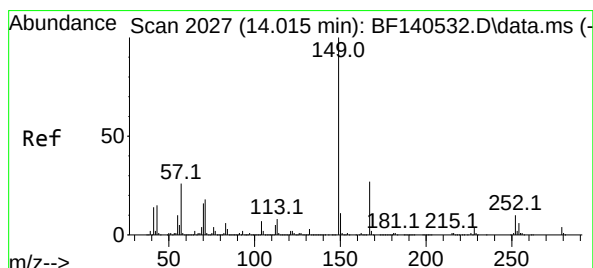
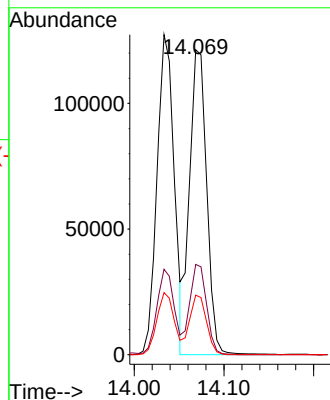
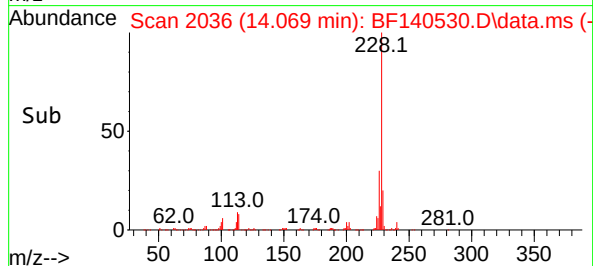
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 16181
Ion Ratio Lower Upper
228 100
226 29.6 24.4 36.6
229 19.5 15.8 23.6

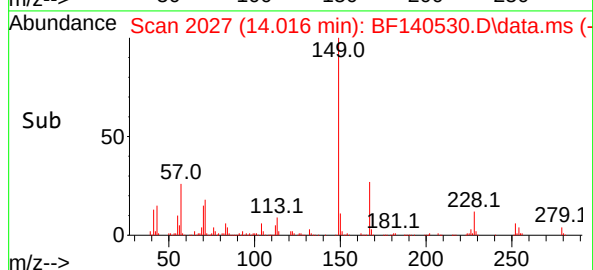
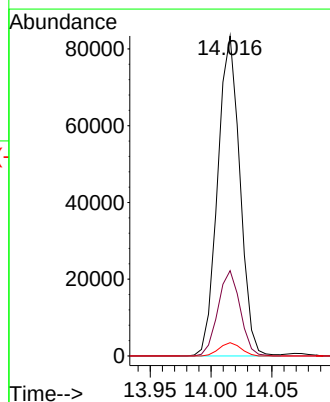
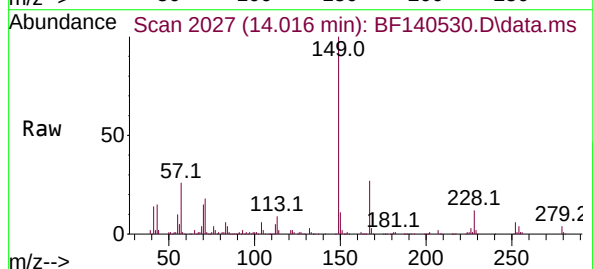
Manual Integrations
APPROVED

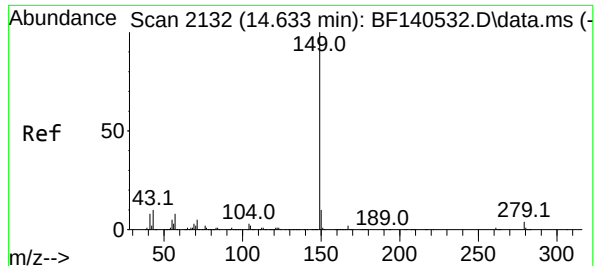
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.846 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

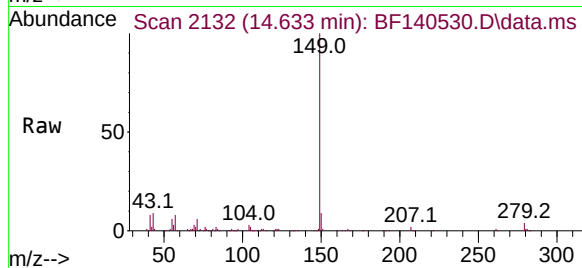
Tgt Ion:149 Resp: 106093
Ion Ratio Lower Upper
149 100
167 26.7 21.2 31.8
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 9.852 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

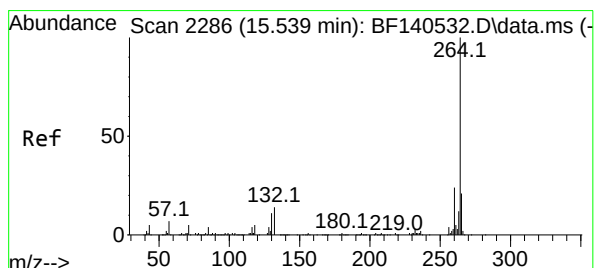
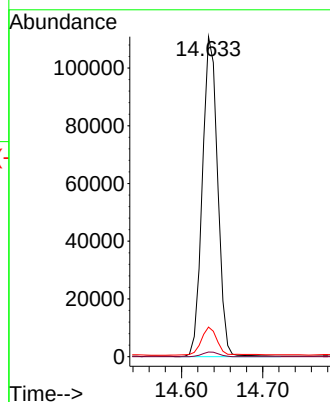
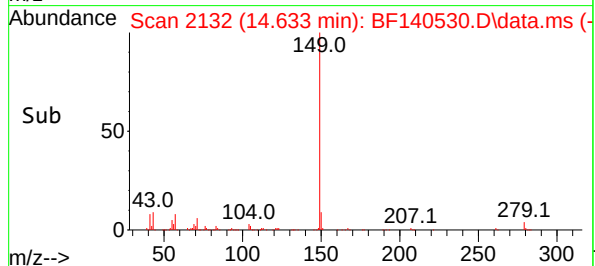
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 145085
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 7.7 11.5

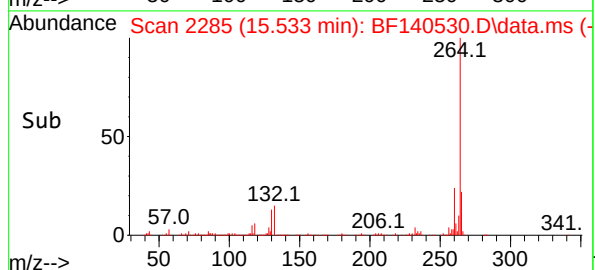
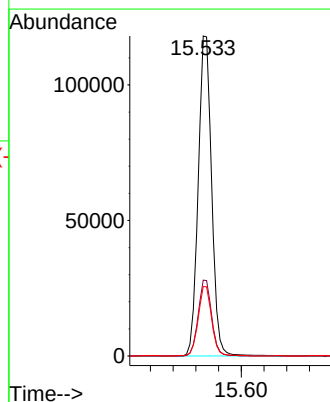
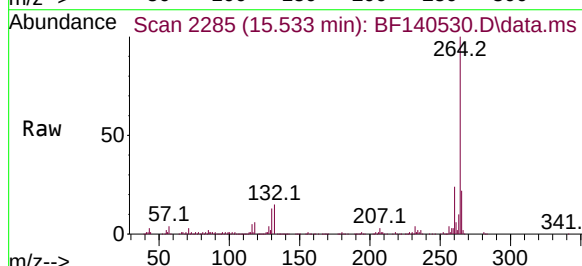
Manual Integrations
APPROVED

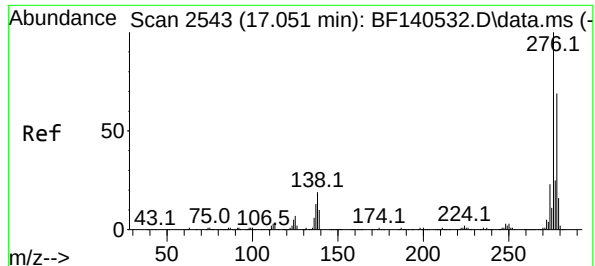
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:264 Resp: 194024
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.7 16.6 25.0





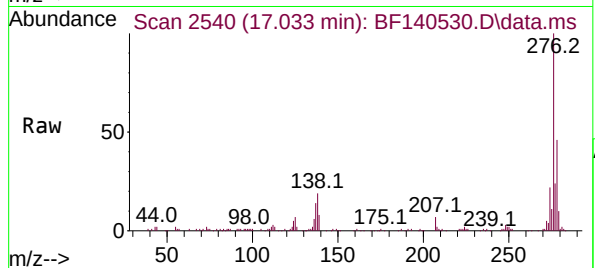
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.843 ng
RT: 17.033 min Scan# 211
Delta R.T. -0.018 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

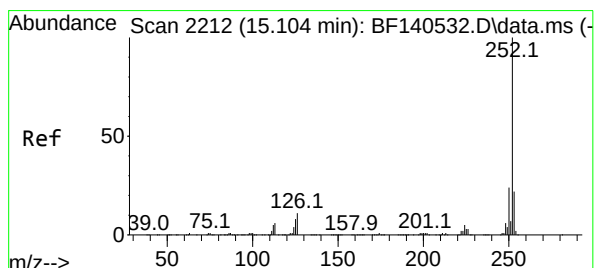
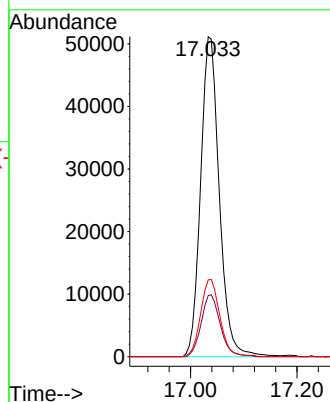
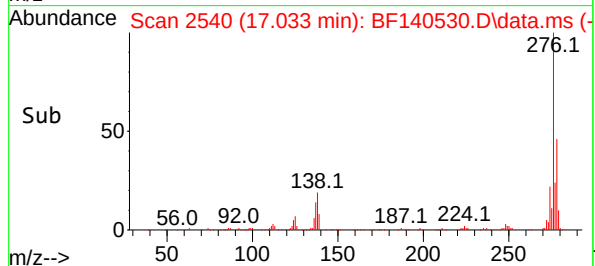


Tgt Ion:276 Resp: 124458
Ion Ratio Lower Upper
276 100
138 19.8 15.5 23.3
277 25.0 20.1 30.1

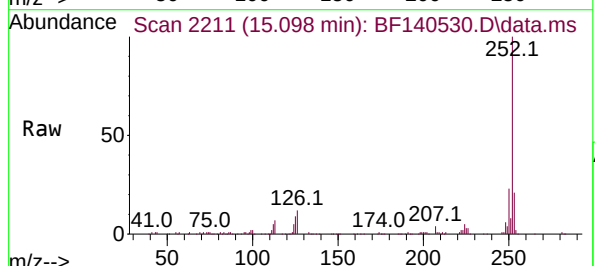
Manual Integrations

APPROVED

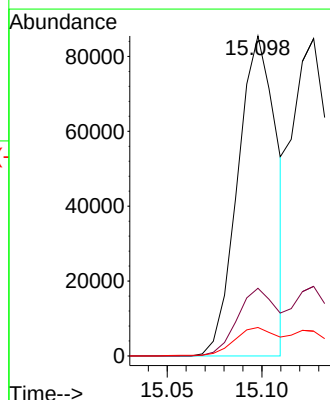
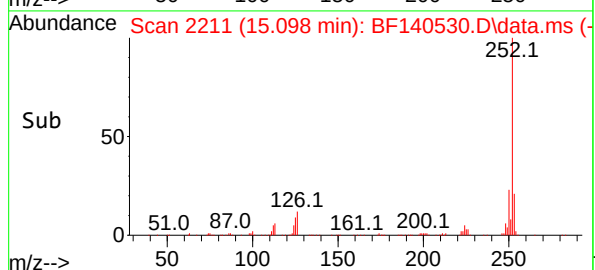
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

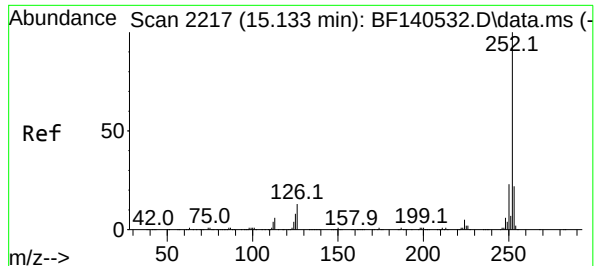


#88
Benzo(b)fluoranthene
Concen: 10.001 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05



Tgt Ion:252 Resp: 121884
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 8.9 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 11.241 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 119878

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

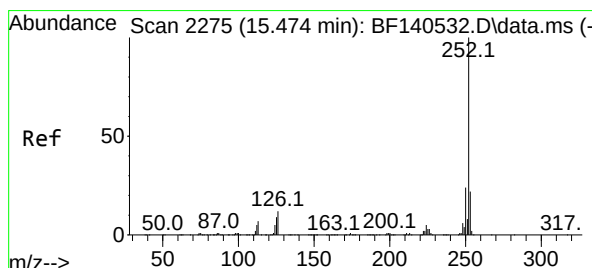
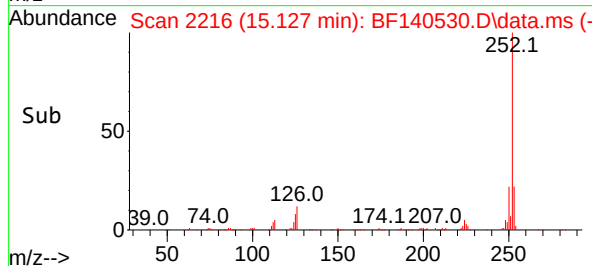
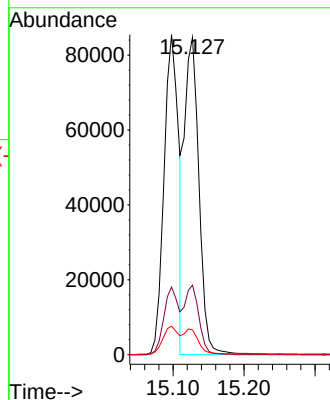
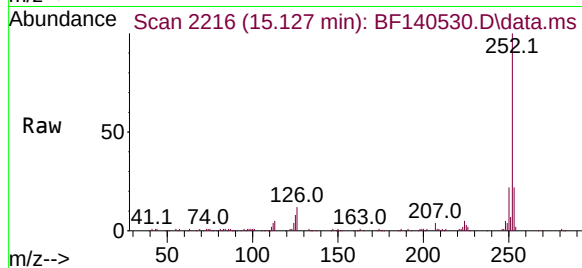
125 7.8 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 10.276 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

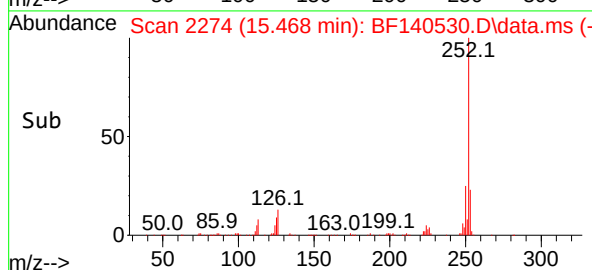
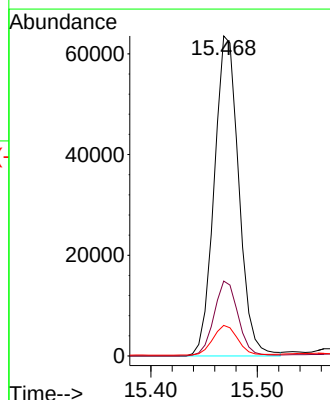
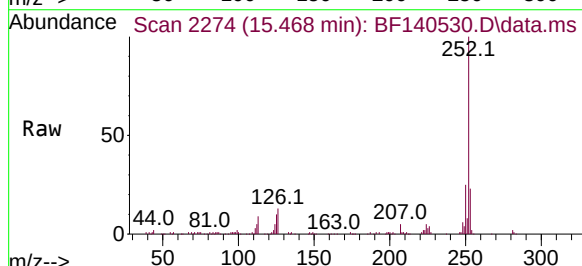
Tgt Ion:252 Resp: 101824

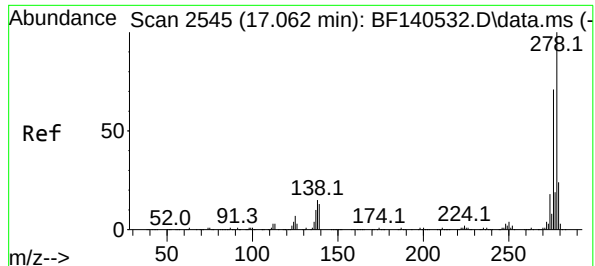
Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

125 9.6 7.0 10.6





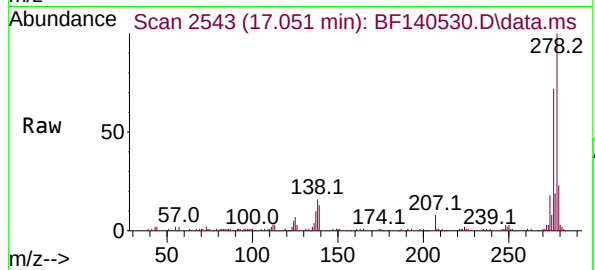
#91
Dibenzo(a,h)anthracene
Concen: 9.720 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

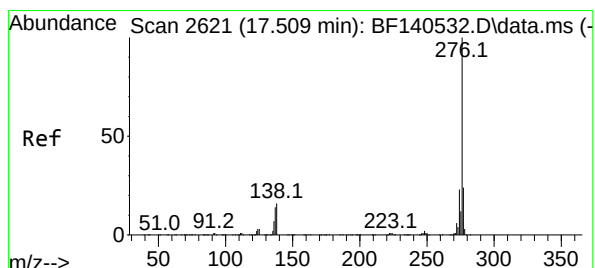
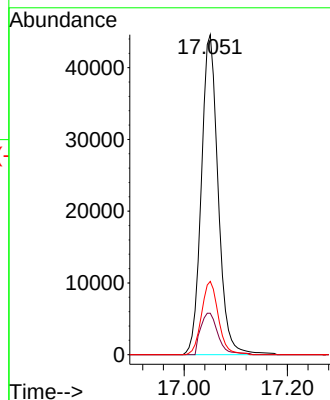
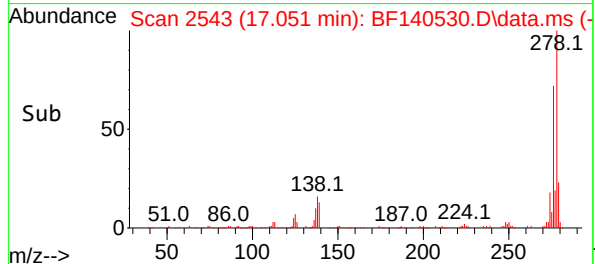


Tgt Ion:278 Resp: 100650
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 22.9 18.9 28.3

Manual Integrations

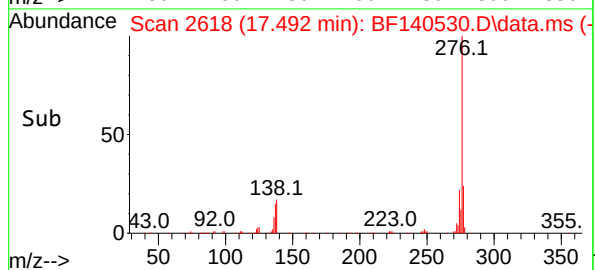
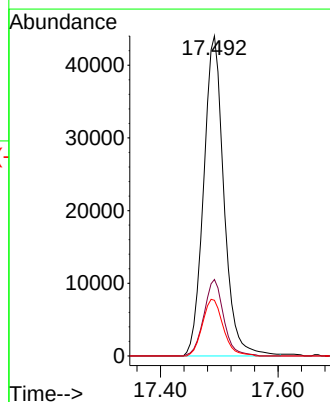
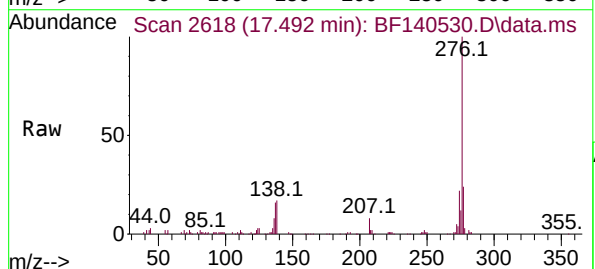
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 10.010 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.018 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:276 Resp: 105771
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 17.4 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140531.D
 Acq On : 21 Nov 2024 12:32
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 15:11:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	99570	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	364692	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	198805	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	382041	20.000	ng	0.00
76) Chrysene-d12	14.051	240	225903	20.000	ng	0.00
86) Perylene-d12	15.533	264	173612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	239365	41.017	ng	0.00
7) Phenol-d6	6.510	99	310375	40.230	ng	0.00
23) Nitrobenzene-d5	7.434	82	288201	40.422	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	87426	41.118	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	565607	42.389	ng	0.00
79) Terphenyl-d14	12.986	244	590771	40.721	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	57318	23.361	ng	98
3) Pyridine	3.422	79	111651	20.682	ng	98
4) n-Nitrosodimethylamine	3.357	42	65851	20.754	ng	95
6) Aniline	6.534	93	112828	20.778	ng	88
8) 2-Chlorophenol	6.663	128	127220	20.263	ng	96
9) Benzaldehyde	6.422	77	96584	23.648	ng	97
10) Phenol	6.522	94	161262	20.467	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	120837	20.042	ng	100
12) 1,3-Dichlorobenzene	6.816	146	142704	20.228	ng	99
13) 1,4-Dichlorobenzene	6.893	146	144955	20.293	ng	100
14) 1,2-Dichlorobenzene	7.045	146	136939	20.459	ng	99
15) Benzyl Alcohol	7.010	79	115602	20.205	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.146	45	142742	20.040	ng	81
17) 2-Methylphenol	7.128	107	102895	20.473	ng	94
18) Hexachloroethane	7.381	117	54624	20.475	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	91173	19.996	ng	97
20) 3+4-Methylphenols	7.281	107	129954	20.117	ng	94
22) Acetophenone	7.281	105	180222	20.270	ng	100
24) Nitrobenzene	7.451	77	148986	20.218	ng	100
25) Isophorone	7.687	82	239713	20.158	ng	98
26) 2-Nitrophenol	7.769	139	67593	20.699	ng	100
27) 2,4-Dimethylphenol	7.804	122	77504	19.836	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	146899	20.277	ng	100
29) 2,4-Dichlorophenol	8.016	162	105906	20.456	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	120949	20.461	ng	100
31) Naphthalene	8.175	128	387236	20.614	ng	99
32) Benzoic acid	7.904	122	45935	18.678	ng	99
33) 4-Chloroaniline	8.222	127	112719	20.042	ng	100
34) Hexachlorobutadiene	8.287	225	79980	20.427	ng	99
35) Caprolactam	8.581	113	33020	20.609	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	115782	19.974	ng	98
37) 2-Methylnaphthalene	8.863	142	243949	20.446	ng	99
38) 1-Methylnaphthalene	8.963	142	240502	20.564	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	120444	20.695	ng	100
41) Hexachlorocyclopentadiene	9.016	237	17909	19.734	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	74538	20.410	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140531.D
 Acq On : 21 Nov 2024 12:32
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 15:11:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	81588	20.585	ng	98
46) 1,1'-Biphenyl	9.328	154	310749	20.936	ng	100
47) 2-Chloronaphthalene	9.357	162	231066	20.545	ng	99
48) 2-Nitroaniline	9.451	65	75343	20.871	ng	99
49) Acenaphthylene	9.769	152	359483	21.155	ng	100
50) Dimethylphthalate	9.628	163	267629	20.440	ng	99
51) 2,6-Dinitrotoluene	9.692	165	61076	20.568	ng	97
52) Acenaphthene	9.945	154	225540m	20.497	ng	
53) 3-Nitroaniline	9.863	138	61362	21.128	ng	96
54) 2,4-Dinitrophenol	9.975	184	17628	18.164	ng	98
55) Dibenzofuran	10.116	168	345729	20.992	ng	100
56) 4-Nitrophenol	10.034	139	38787	19.582	ng	97
57) 2,4-Dinitrotoluene	10.098	165	82706	20.957	ng	96
58) Fluorene	10.457	166	278115	21.038	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	61142	20.072	ng	98
60) Diethylphthalate	10.328	149	276859	20.812	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	136189	20.992	ng	98
62) 4-Nitroaniline	10.475	138	62610	20.555	ng	99
63) Azobenzene	10.610	77	262444	20.833	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	34412	17.627	ng	97
66) n-Nitrosodiphenylamine	10.569	169	228075	20.187	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	78863	20.044	ng	98
68) Hexachlorobenzene	11.010	284	91363	20.055	ng	97
69) Atrazine	11.092	200	50070	15.754	ng	99
70) Pentachlorophenol	11.210	266	34309	17.111	ng	97
71) Phenanthrene	11.428	178	370424	20.171	ng	99
72) Anthracene	11.475	178	366152	20.383	ng	100
73) Carbazole	11.633	167	355423	20.567	ng	99
74) Di-n-butylphthalate	11.957	149	410317	20.566	ng	99
75) Fluoranthene	12.616	202	425403	21.335	ng	99
77) Benzidine	12.739	184	66895	10.185	ng	99
78) Pyrene	12.845	202	428479	20.514	ng	99
80) Butylbenzylphthalate	13.457	149	156775	20.835	ng	96
81) Benzo(a)anthracene	14.039	228	311416	20.825	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	88858	19.791	ng	98
83) Chrysene	14.074	228	275068	20.117	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	194626	20.484	ng	100
85) Di-n-octyl phthalate	14.633	149	259088	19.953	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	225489	19.930	ng	100
88) Benzo(b)fluoranthene	15.098	252	239653	21.977	ng	99
89) Benzo(k)fluoranthene	15.127	252	183799	19.261	ng	99
90) Benzo(a)pyrene	15.474	252	184528	20.812	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	184632	19.926	ng	99
92) Benzo(g,h,i)perylene	17.492	276	187164	19.795	ng	98

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

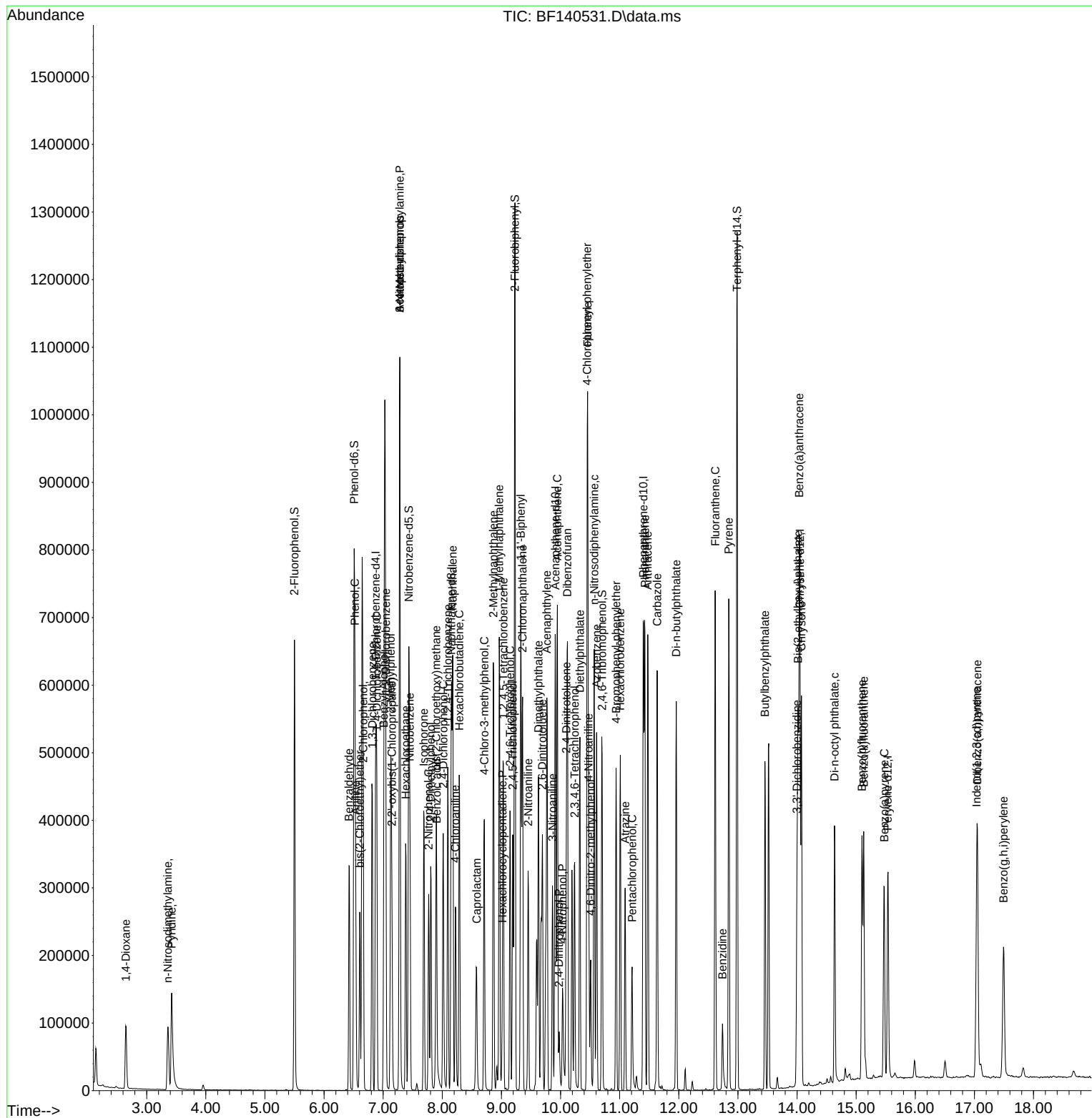
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Data File : BF140531.D
Acq On : 21 Nov 2024 12:32
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

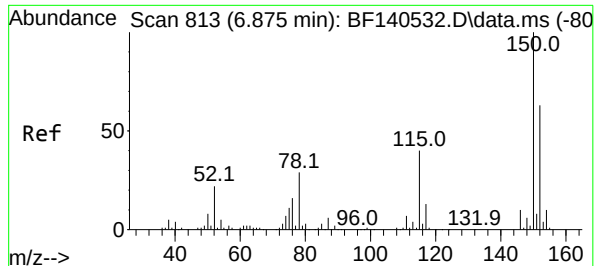
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

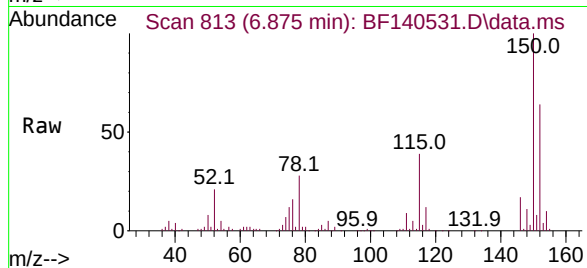
Quant Time: Nov 21 15:11:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

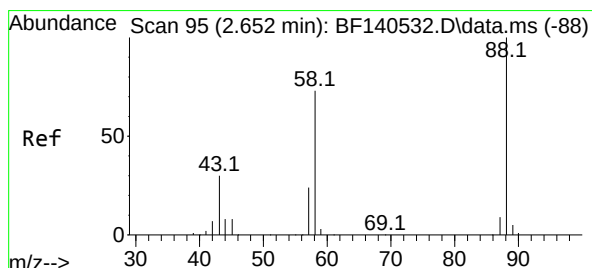
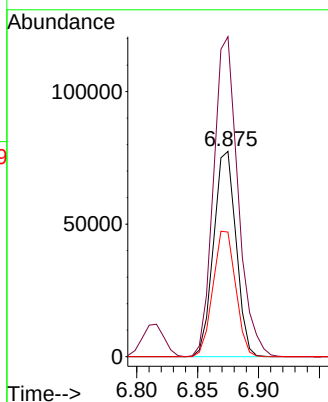
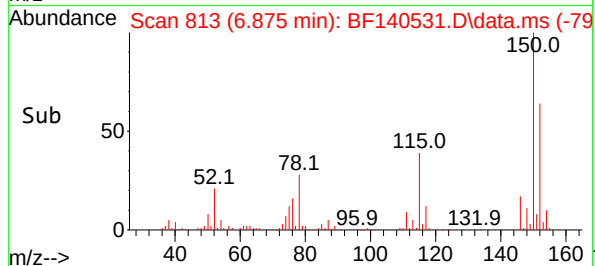
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 99570
Ion Ratio Lower Upper
152 100
150 155.8 128.5 192.7
115 60.7 50.2 75.4

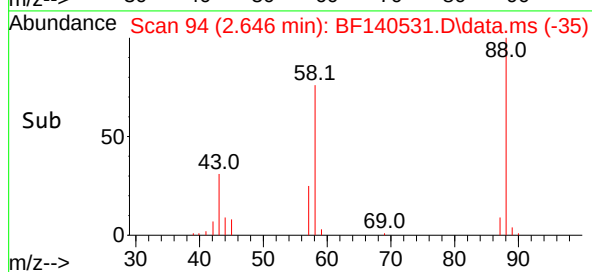
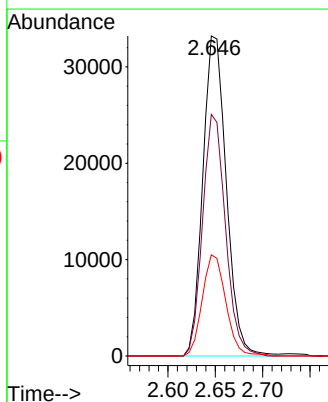
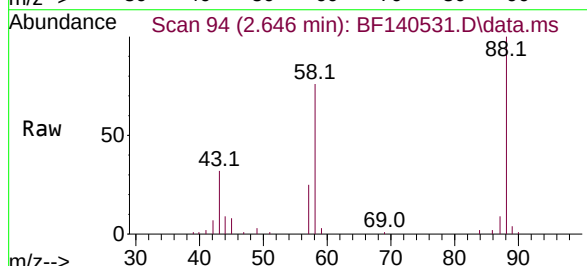
Manual Integrations
APPROVED

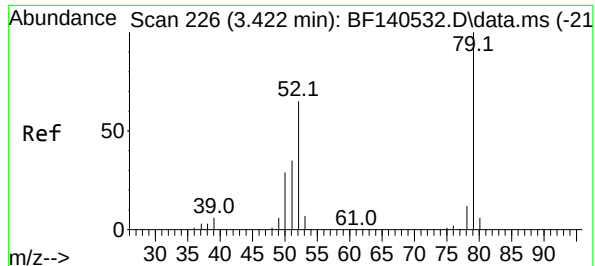
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 23.361 ng
RT: 2.646 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion: 88 Resp: 57318
Ion Ratio Lower Upper
88 100
58 73.3 57.4 86.2
43 31.6 24.3 36.5





#3

Pyridine

Concen: 20.682 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 11165

Ion Ratio Lower Upper

79 100

52 66.7 52.1 78.1

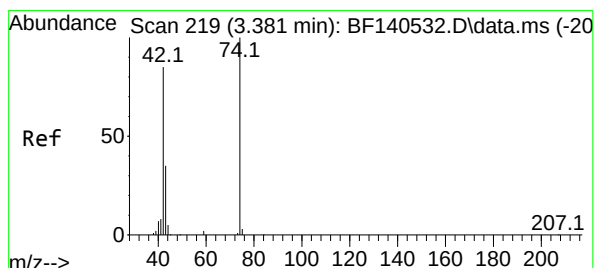
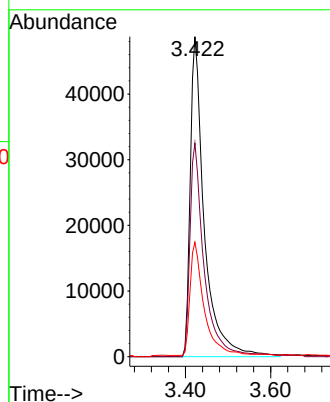
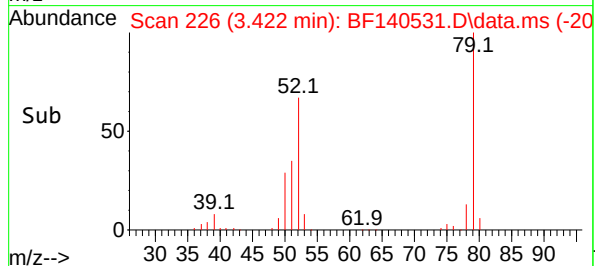
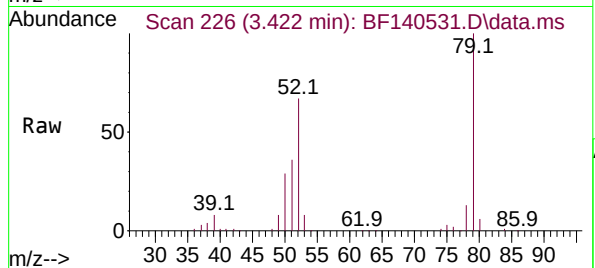
51 35.8 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 20.754 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.023 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

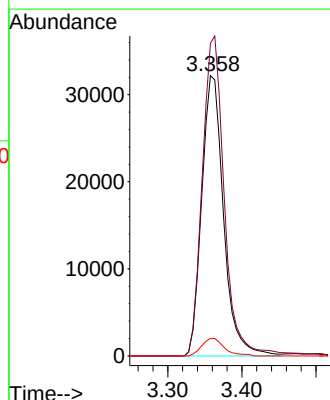
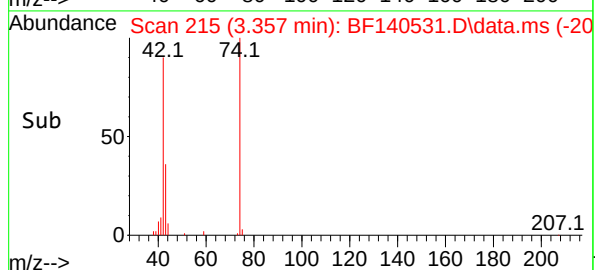
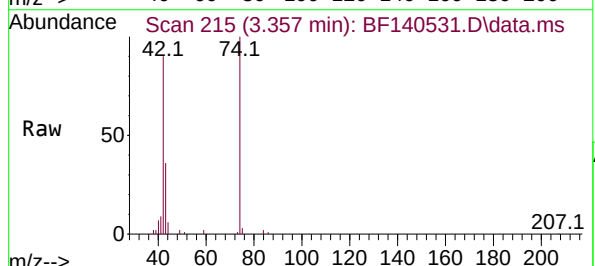
Tgt Ion: 42 Resp: 65851

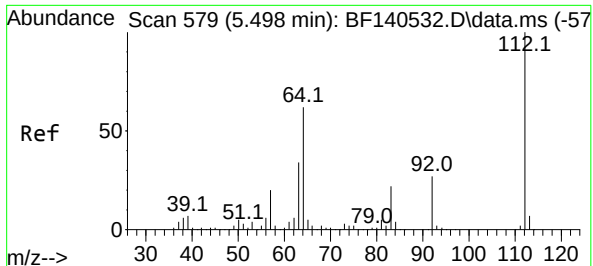
Ion Ratio Lower Upper

42 100

74 111.5 93.8 140.6

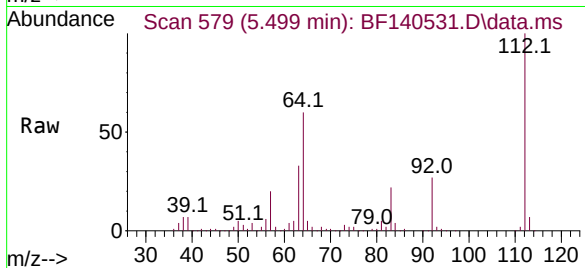
44 6.3 4.6 6.8





#5
2-Fluorophenol
Concen: 41.017 ng
RT: 5.499 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

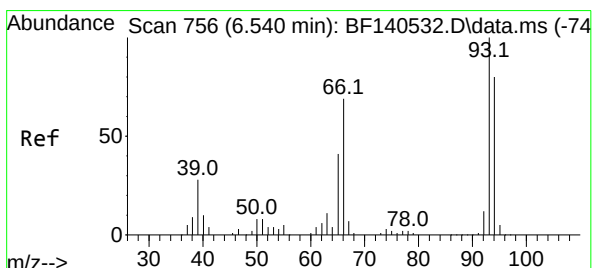
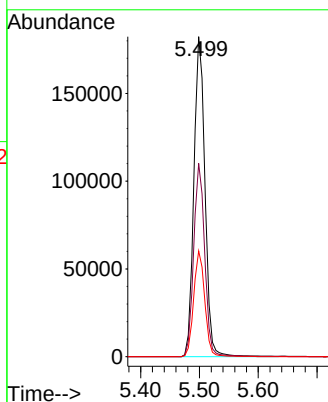
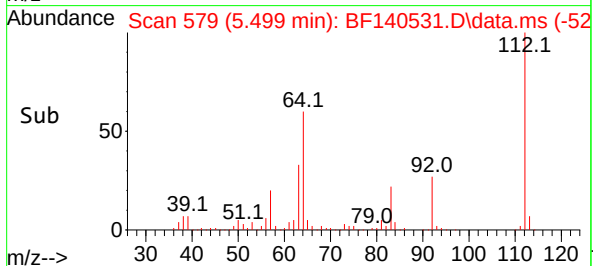
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:112 Resp: 23936
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 33.0 27.0 40.4

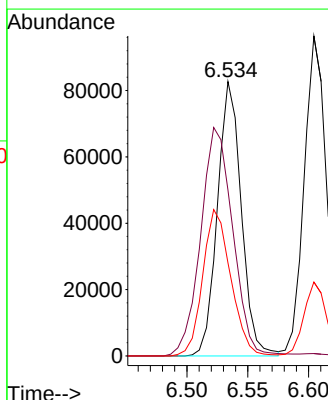
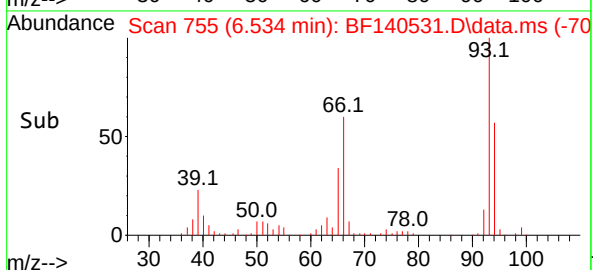
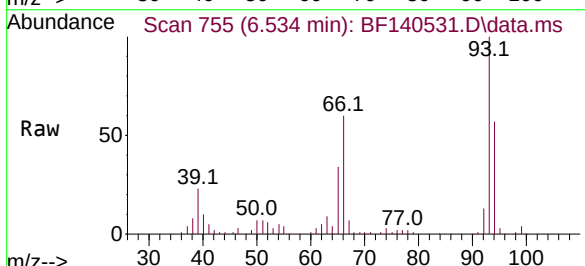
Manual Integrations
APPROVED

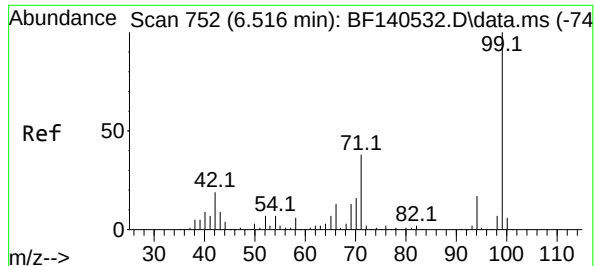
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 20.778 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

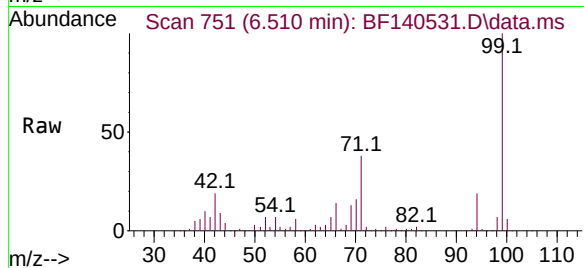
Tgt Ion: 93 Resp: 112828
Ion Ratio Lower Upper
93 100
66 60.4 56.5 84.7
65 34.0 32.9 49.3





#7
Phenol-d6
Concen: 40.230 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

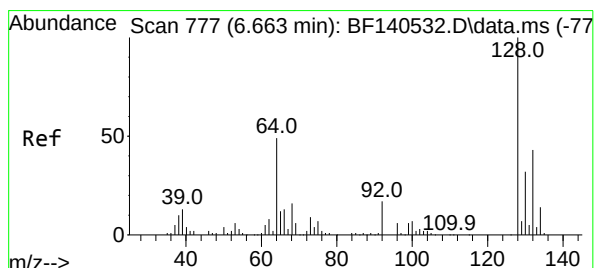
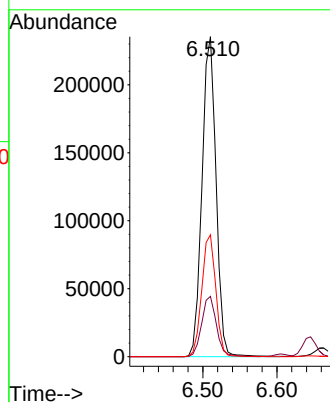
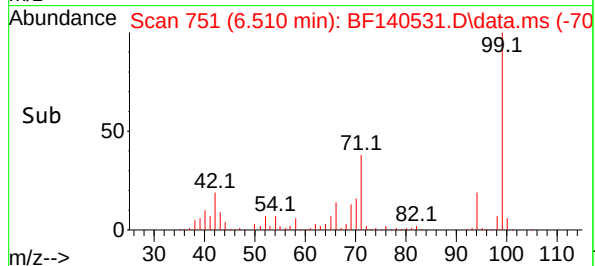
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 310375
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 38.1 30.6 46.0

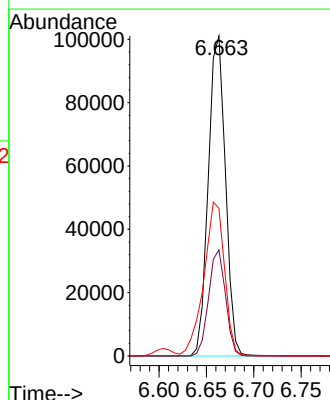
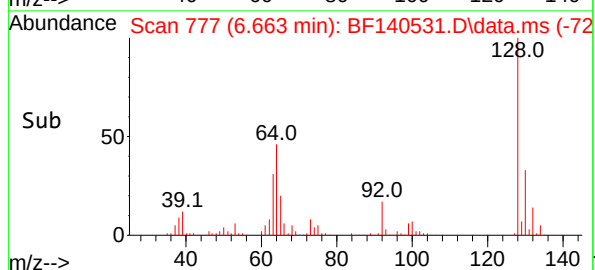
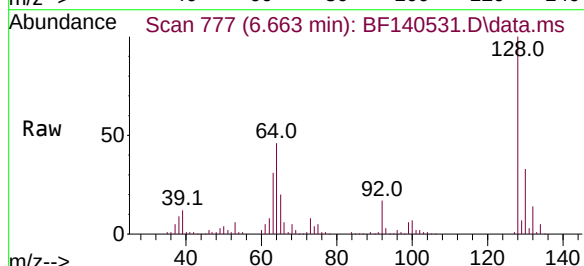
Manual Integrations
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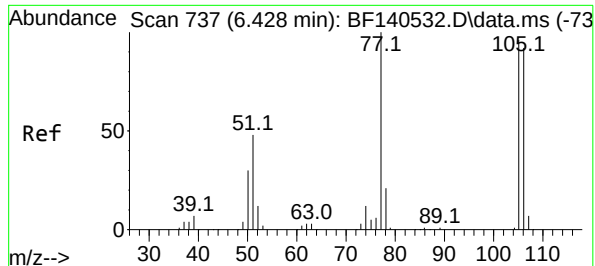
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 20.263 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:128 Resp: 127220
Ion Ratio Lower Upper
128 100
130 33.2 12.3 52.3
64 46.2 30.2 70.2





#9

Benzaldehyde

Concen: 23.648 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

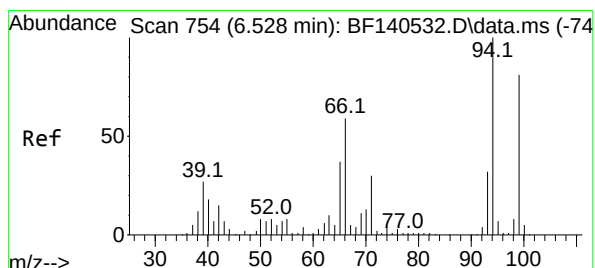
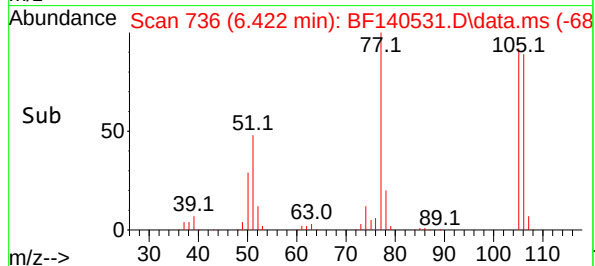
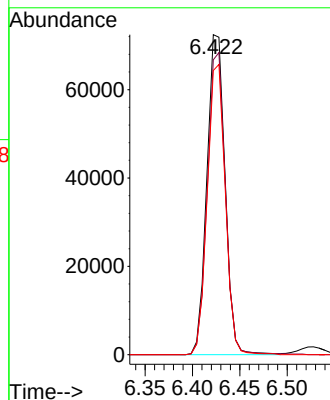
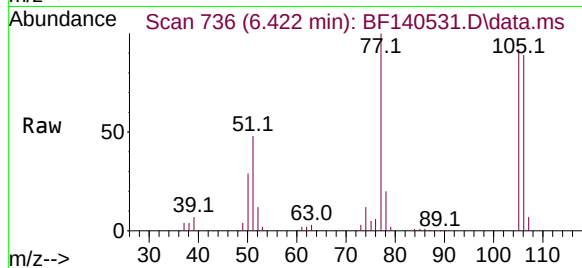
SSTDICC020

Tgt Ion: 77	Resp: 96584
Ion Ratio	Lower Upper
77 100	
105 92.1	75.6 115.6
106 88.8	72.0 112.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#10

Phenol

Concen: 20.467 ng

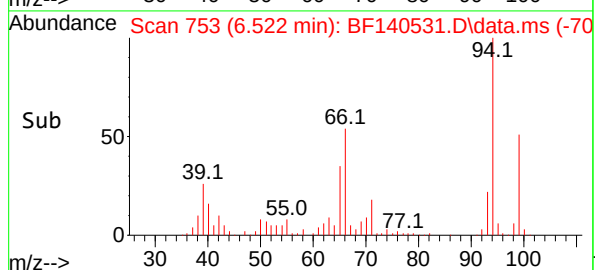
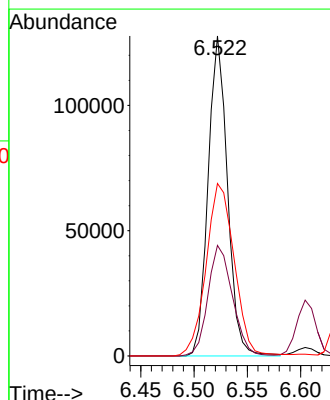
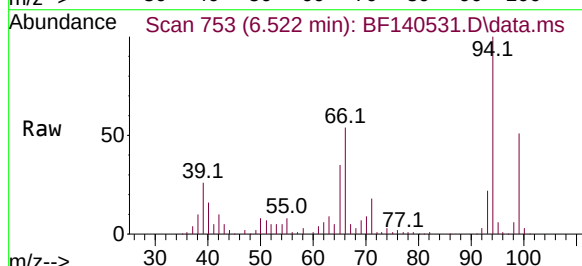
RT: 6.522 min Scan# 753

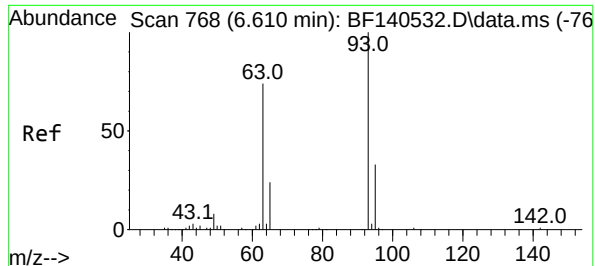
Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion: 94	Resp: 161262
Ion Ratio	Lower Upper
94 100	
65 34.6	17.2 57.2
66 53.9	39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 20.042 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 12083

Ion Ratio Lower Upper

93 100

63 72.9 52.8 92.8

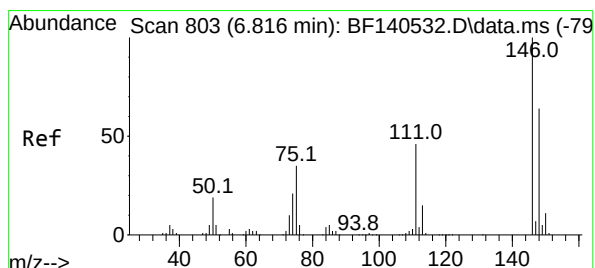
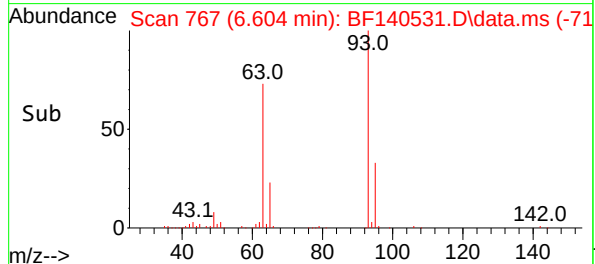
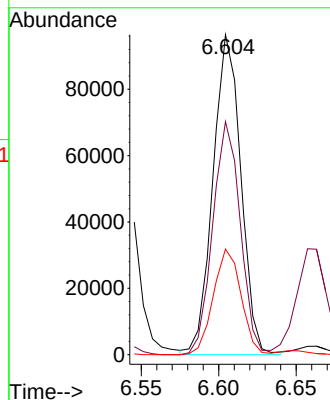
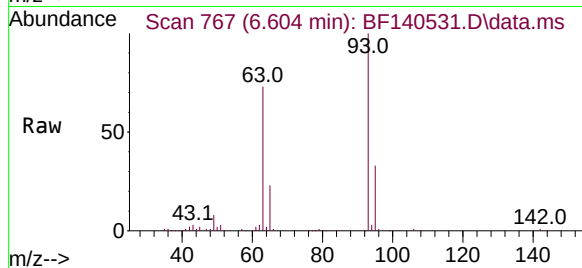
95 33.0 12.3 52.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#12

1,3-Dichlorobenzene

Concen: 20.228 ng

RT: 6.816 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

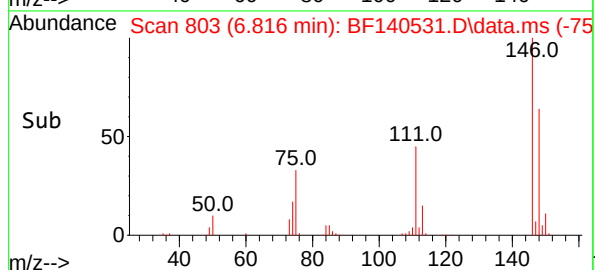
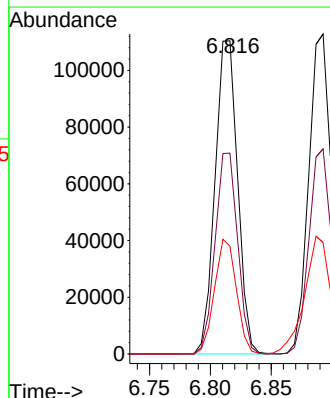
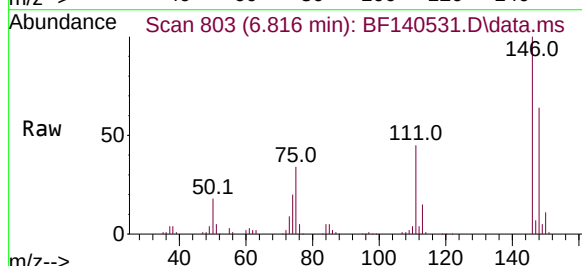
Tgt Ion:146 Resp: 142704

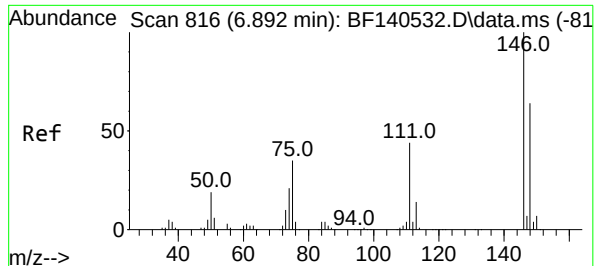
Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

75 34.4 28.2 42.2





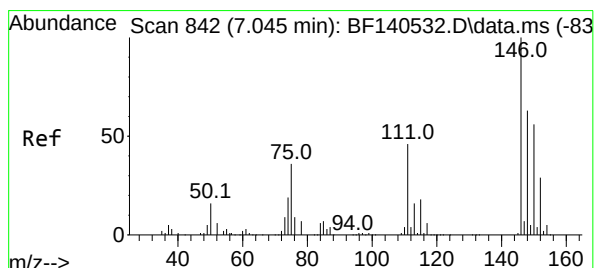
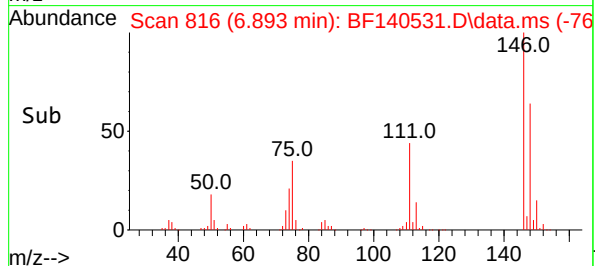
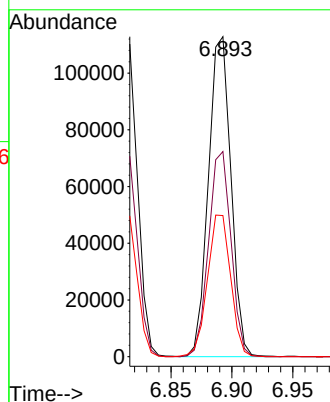
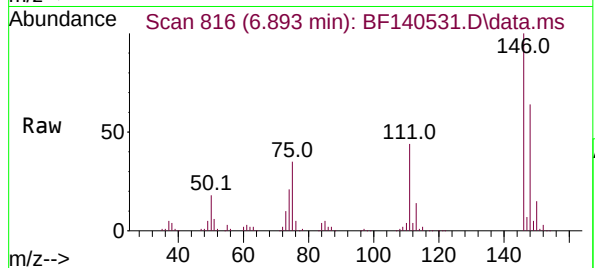
#13
1,4-Dichlorobenzene
Concen: 20.293 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 14495
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 44.1 35.3 52.9

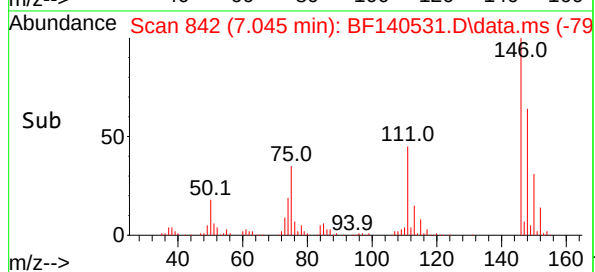
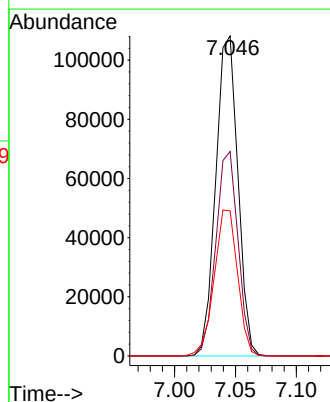
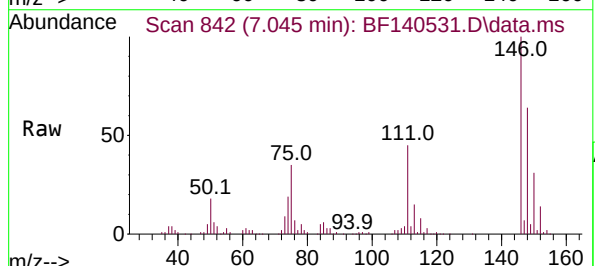
Manual Integrations
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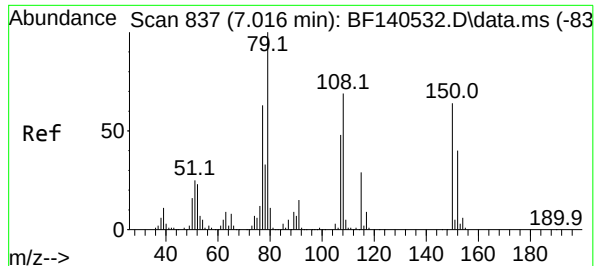
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 20.459 ng
RT: 7.045 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:146 Resp: 136939
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 45.3 36.7 55.1





#15

Benzyl Alcohol

Concen: 20.205 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 115602

Ion Ratio Lower Upper

79 100

108 69.8 55.0 82.6

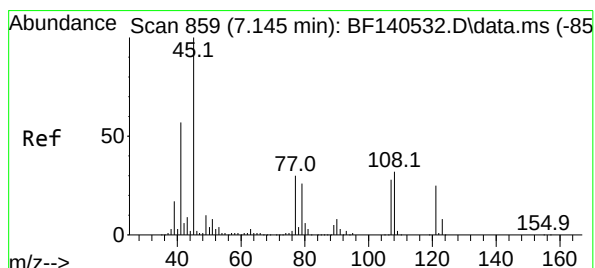
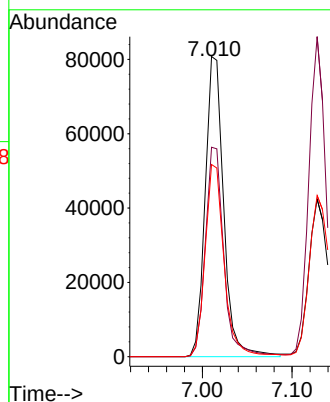
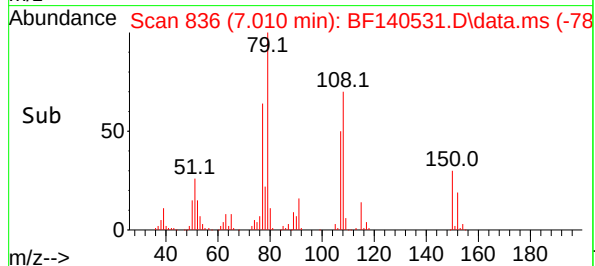
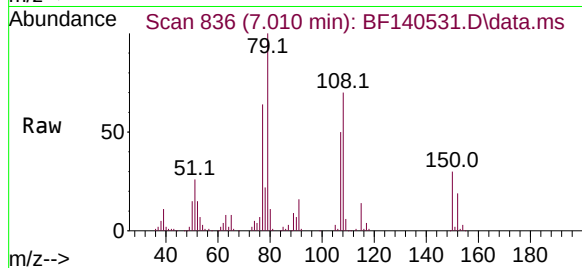
77 64.0 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.040 ng

RT: 7.146 min Scan# 859

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

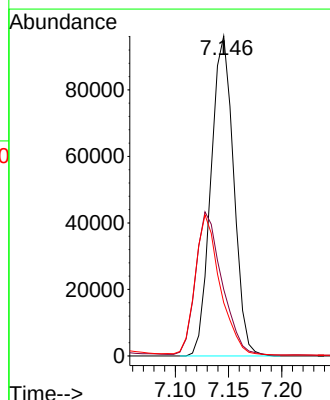
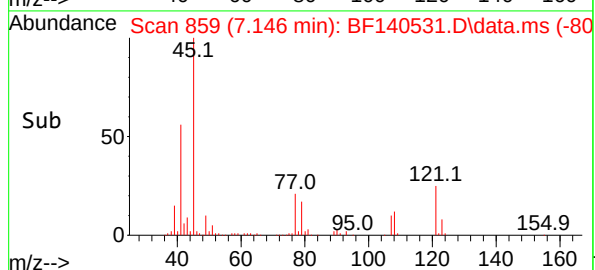
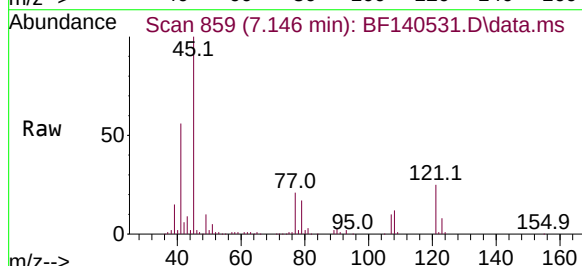
Tgt Ion: 45 Resp: 142742

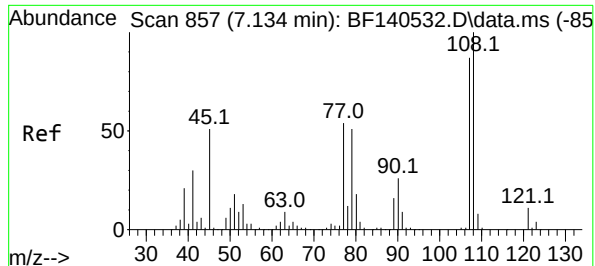
Ion Ratio Lower Upper

45 100

77 20.8 10.7 50.7

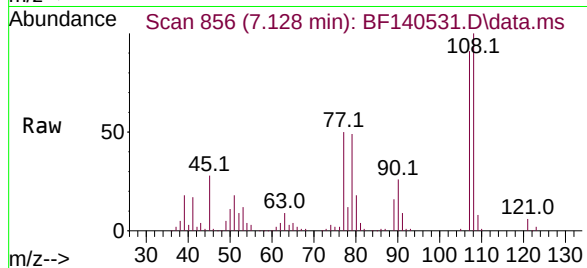
79 16.6 7.0 47.0





#17
2-Methylphenol
Concen: 20.473 ng
RT: 7.128 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

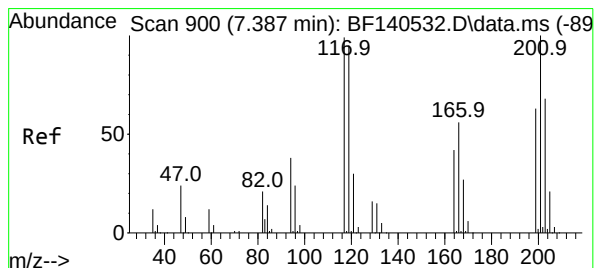
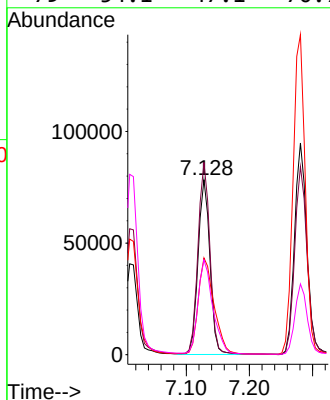
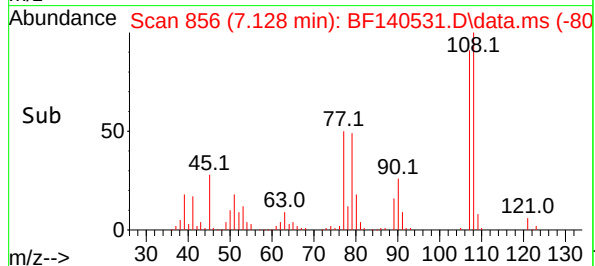
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 102895
Ion Ratio Lower Upper
107 100
108 109.8 91.7 137.5
77 55.3 49.3 73.9
79 54.1 47.1 70.7

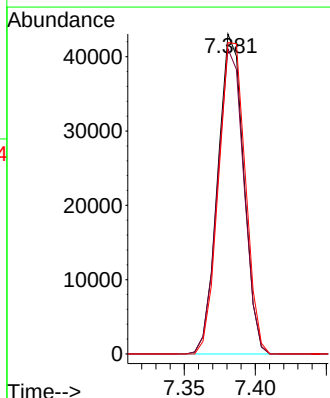
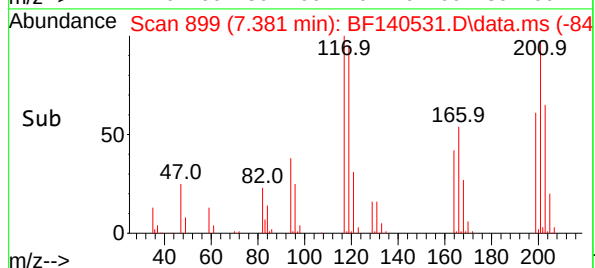
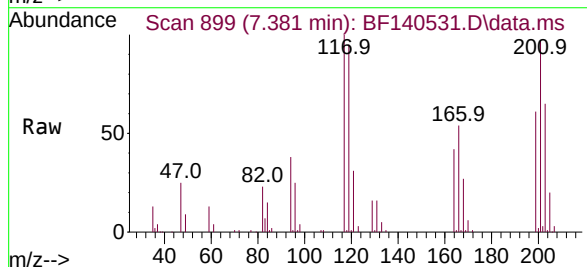
Manual Integrations
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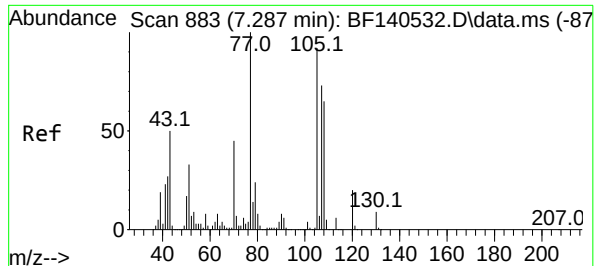
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 20.475 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:117 Resp: 54624
Ion Ratio Lower Upper
117 100
119 95.4 77.1 115.7
201 97.3 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 19.996 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 9117

Ion Ratio Lower Upper

70 100

42 56.8 47.6 71.4

101 9.8 7.6 11.4

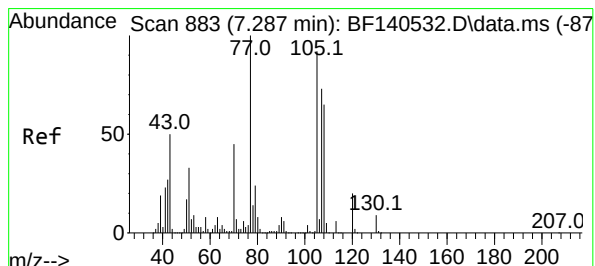
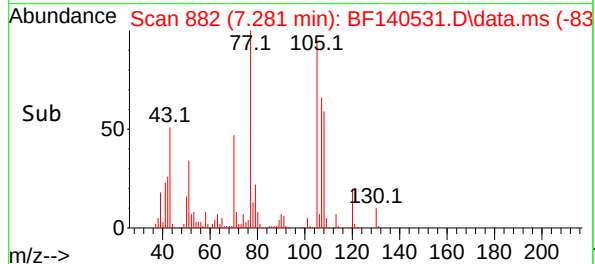
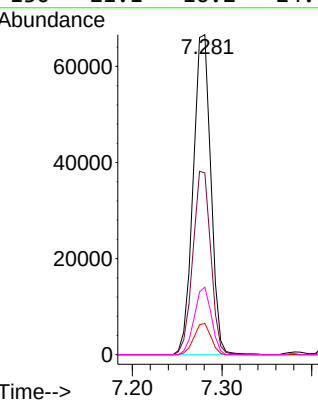
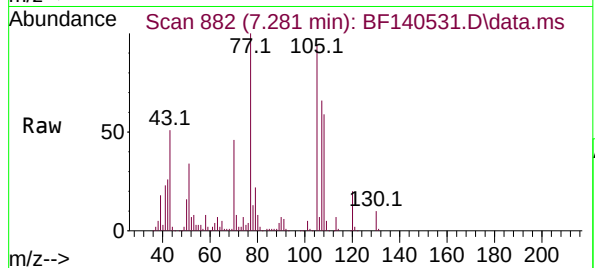
130 21.1 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#20

3+4-Methylphenols

Concen: 20.117 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion:107 Resp: 129954

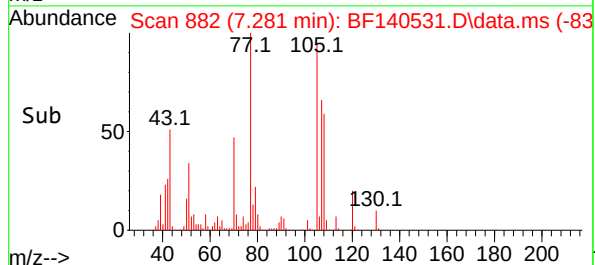
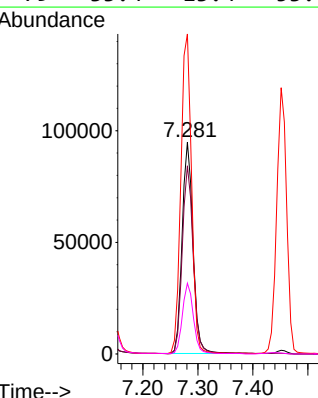
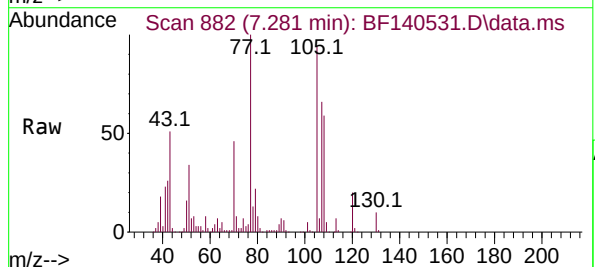
Ion Ratio Lower Upper

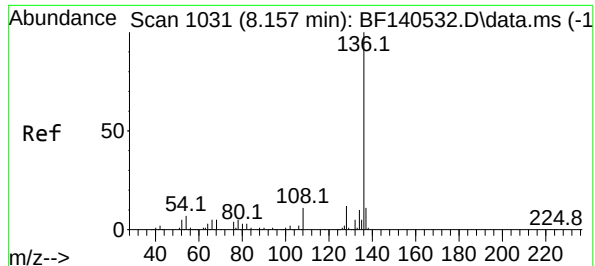
107 100

108 88.9 69.9 109.9

77 151.1 117.7 157.7

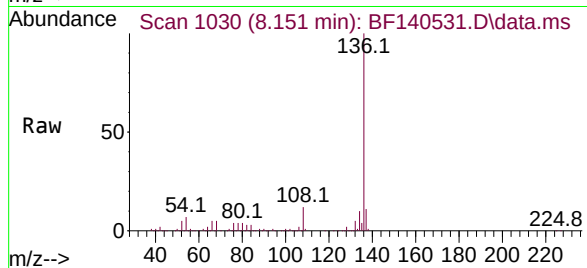
79 33.4 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

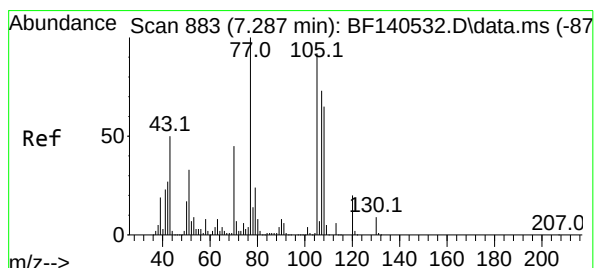
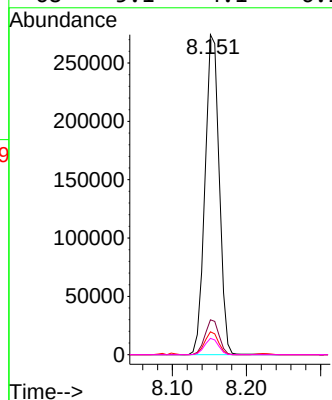
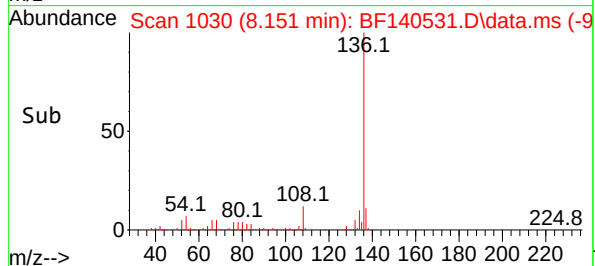
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 364692
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.2 5.8 8.8
68 5.1 4.1 6.1

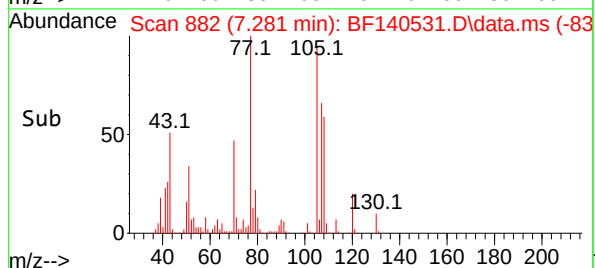
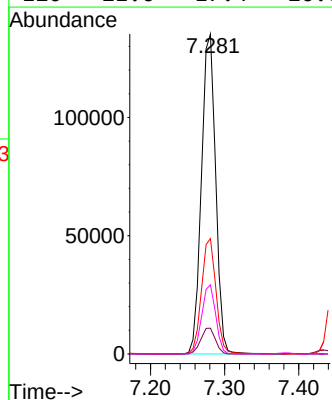
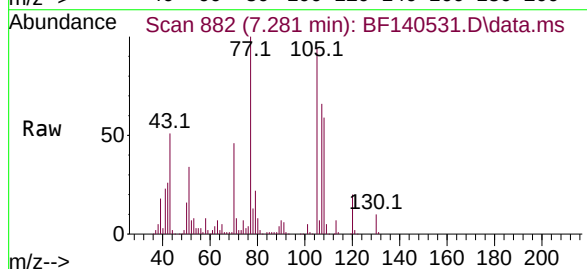
Manual Integrations
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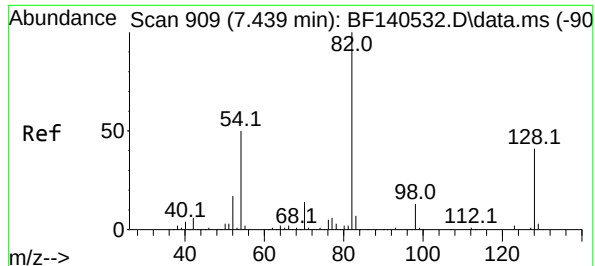
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 20.270 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:105 Resp: 180222
Ion Ratio Lower Upper
105 100
71 8.1 6.2 9.2
51 36.1 29.0 43.6
120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 40.422 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 28820

Ion Ratio Lower Upper

82 100

128 41.4 33.0 49.4

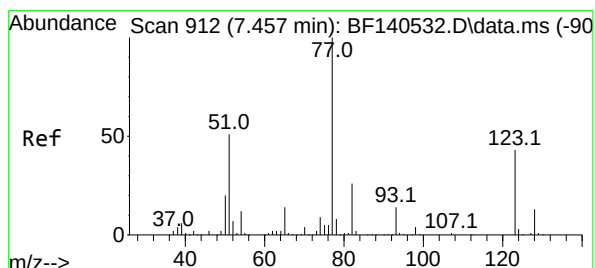
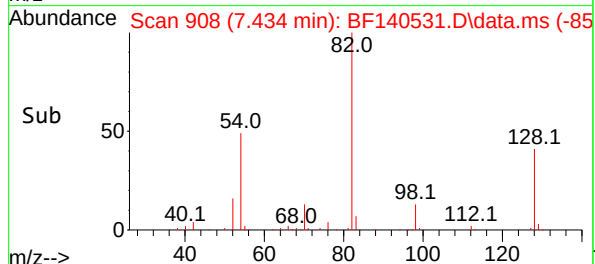
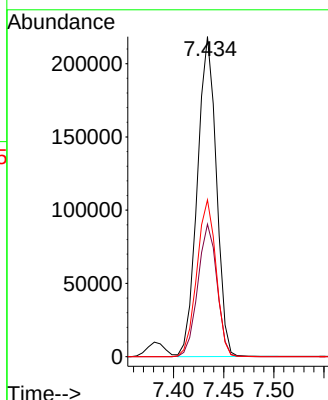
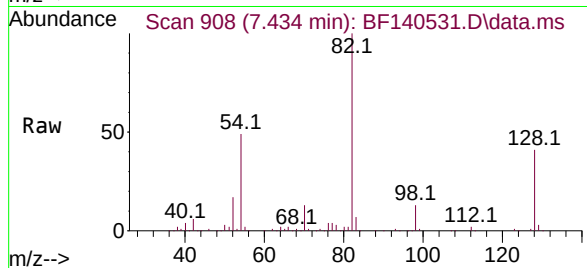
54 49.0 39.5 59.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 20.218 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

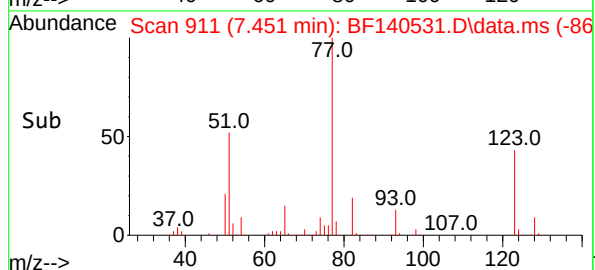
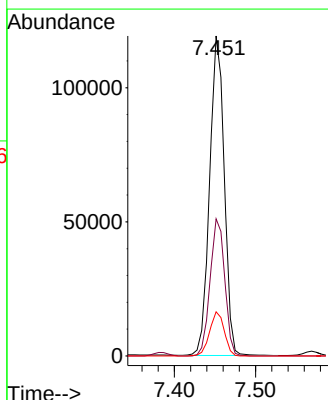
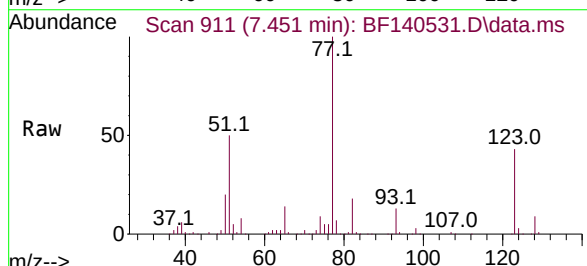
Tgt Ion: 77 Resp: 148986

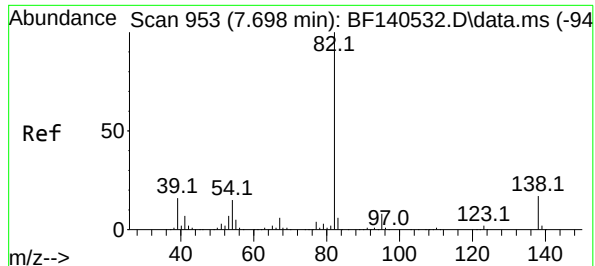
Ion Ratio Lower Upper

77 100

123 42.9 34.3 51.5

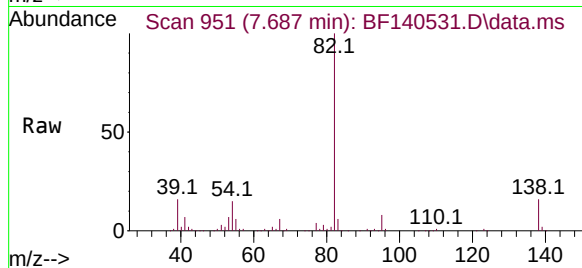
65 13.8 11.2 16.8





#25
Isophorone
Concen: 20.158 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

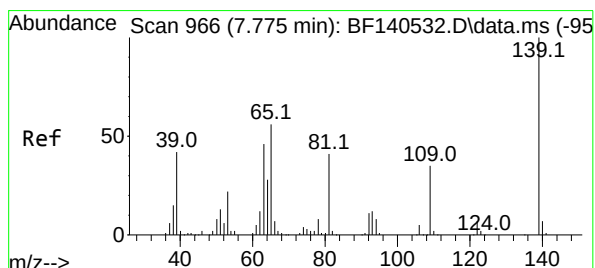
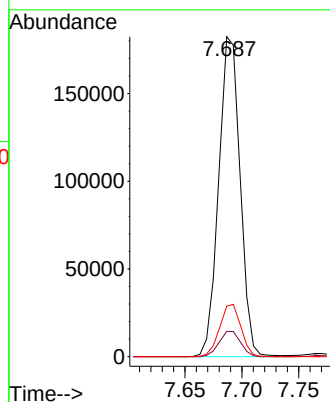
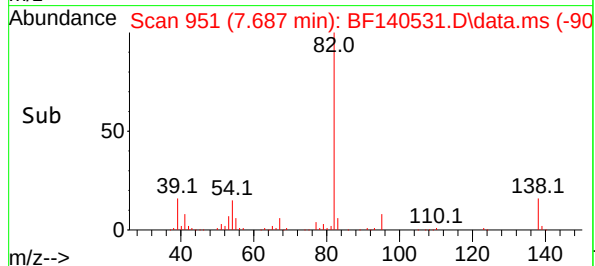
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 23971
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 15.8 13.8 20.6

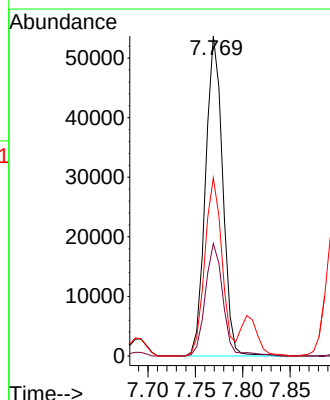
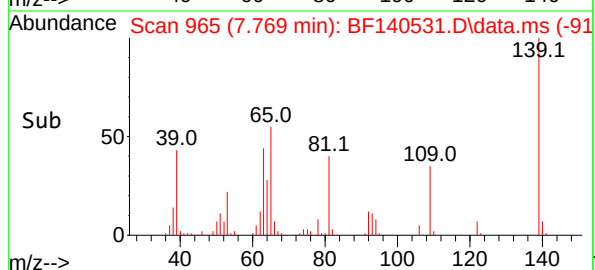
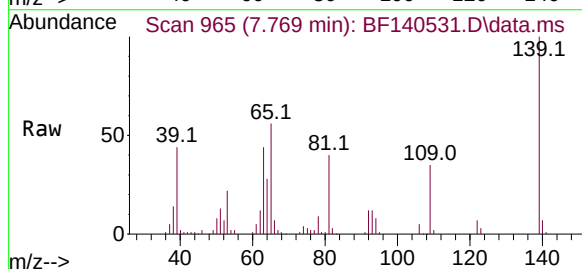
Manual Integrations
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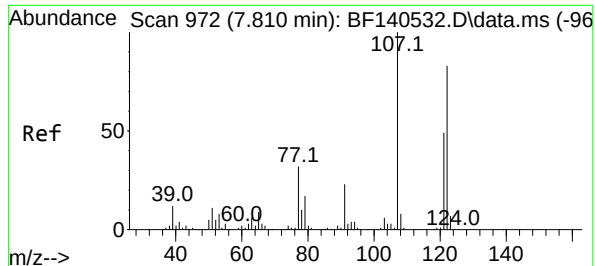
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 20.699 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:139 Resp: 67593
Ion Ratio Lower Upper
139 100
109 35.1 28.0 42.0
65 55.6 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 19.836 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

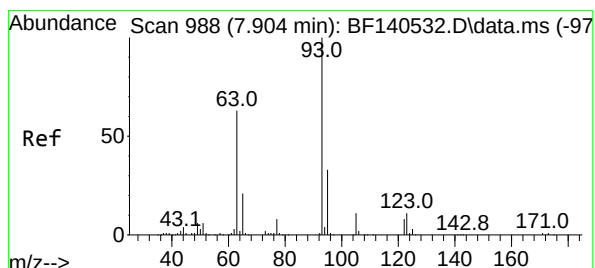
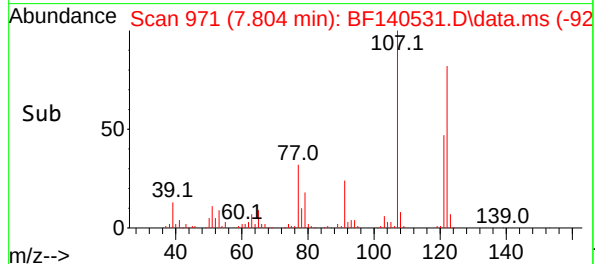
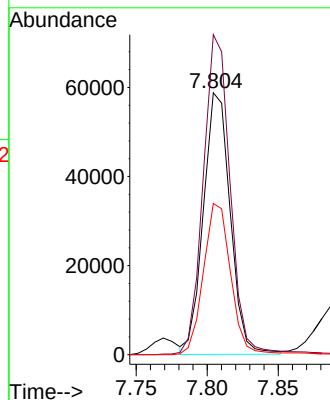
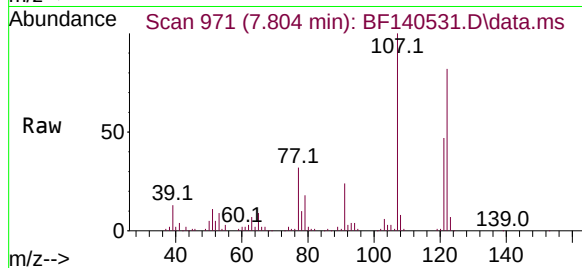
Tgt Ion:122 Resp: 77504

Ion	Ratio	Lower	Upper
122	100		
107	122.2	96.8	145.2
121	57.7	47.4	71.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 20.277 ng

RT: 7.898 min Scan# 987

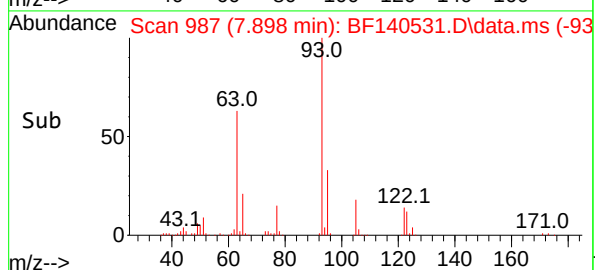
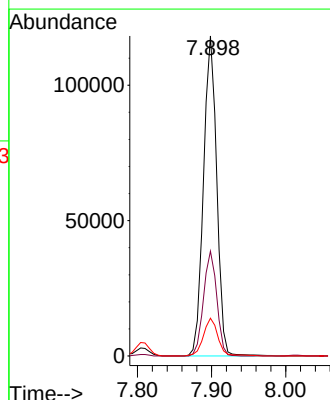
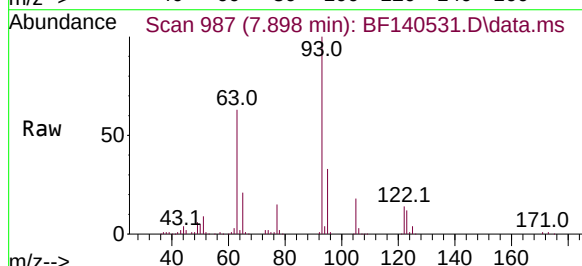
Delta R.T. -0.006 min

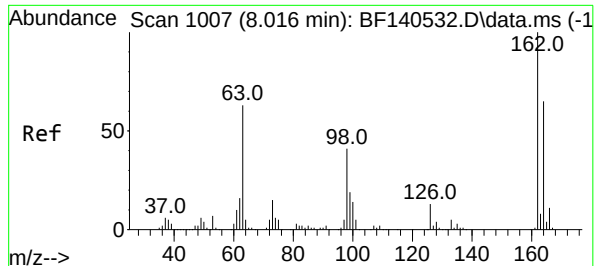
Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion: 93 Resp: 146899

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.1	39.1
123	11.8	9.1	13.7





#29
2,4-Dichlorophenol
Concen: 20.456 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

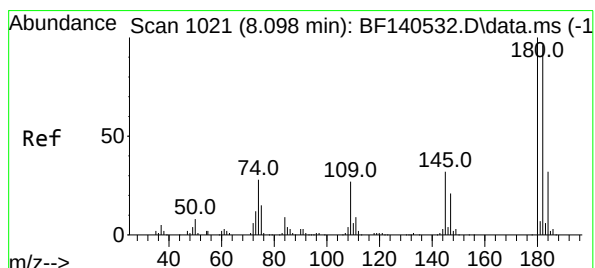
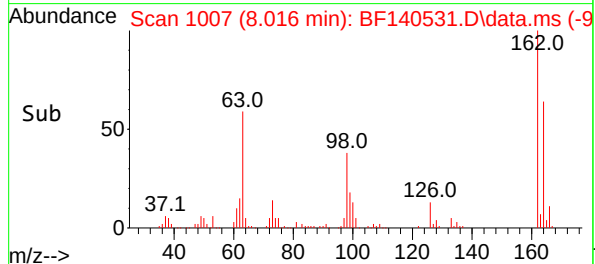
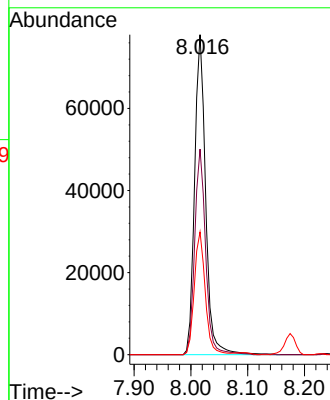
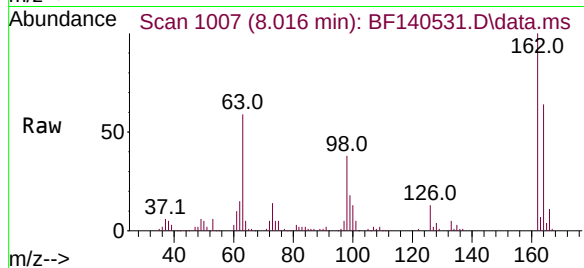
SSTDICC020

Tgt Ion:162 Resp: 105900
Ion Ratio Lower Upper
162 100
164 64.3 44.8 84.8
98 38.3 21.2 61.2

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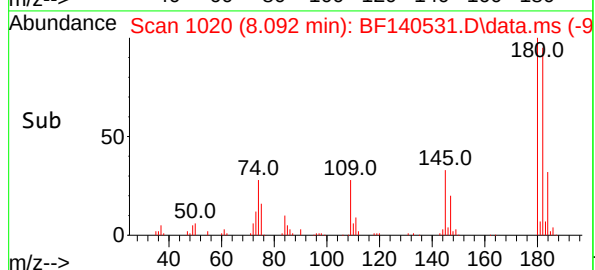
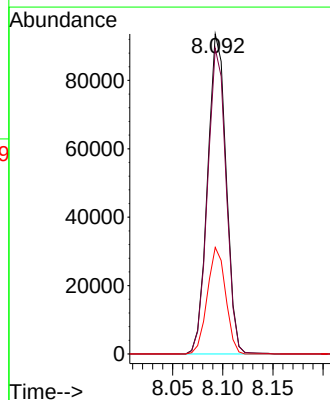
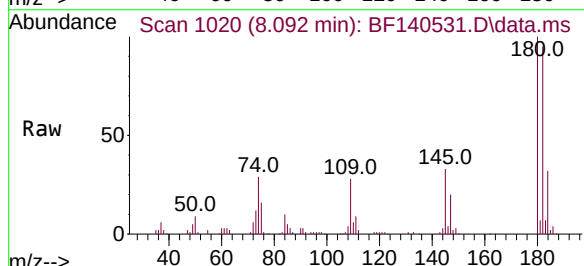
APPROVED

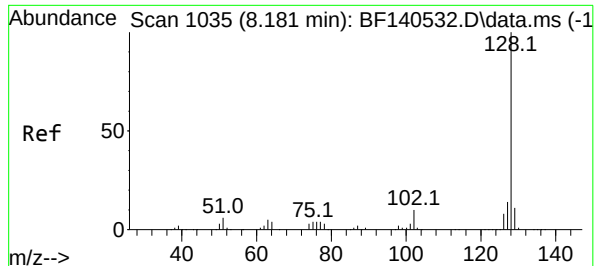
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 20.461 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

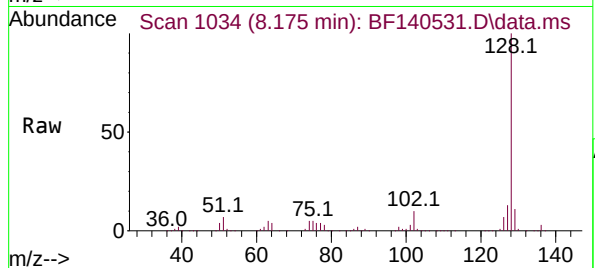
Tgt Ion:180 Resp: 120949
Ion Ratio Lower Upper
180 100
182 95.4 76.4 114.6
145 33.3 25.9 38.9





#31
Naphthalene
Concen: 20.614 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

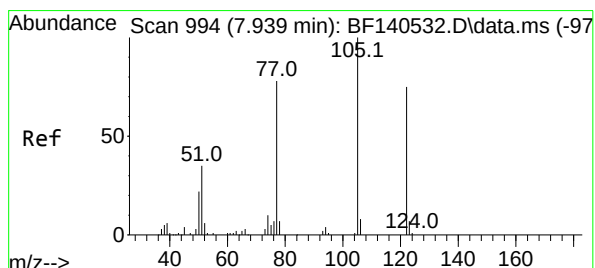
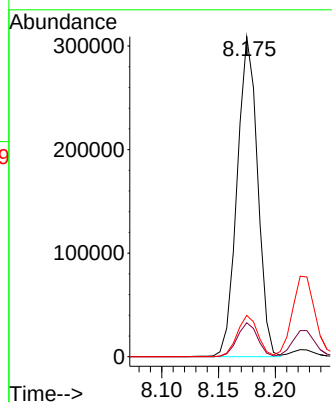
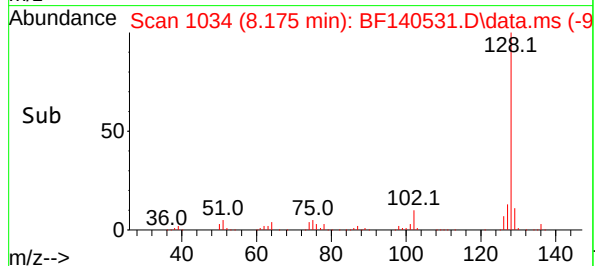
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 387230
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.9 10.8 16.2

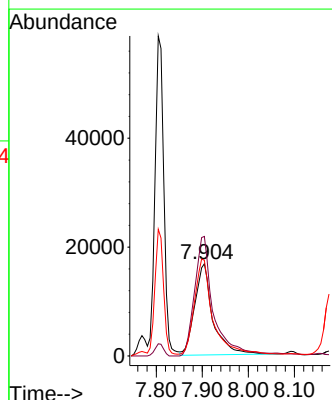
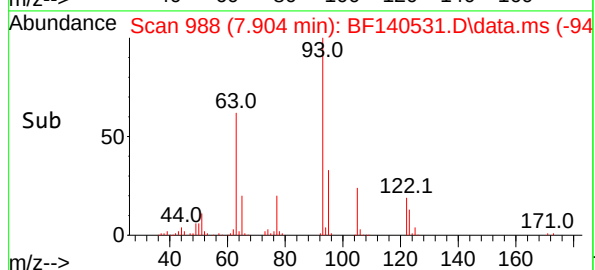
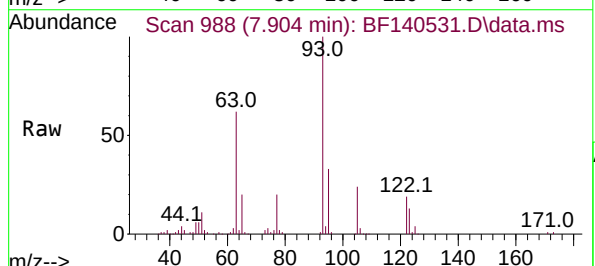
Manual Integrations
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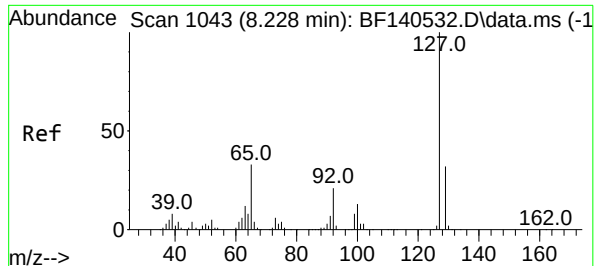
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 18.678 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.035 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:122 Resp: 45935
Ion Ratio Lower Upper
122 100
105 129.6 109.3 149.3
77 103.8 82.3 122.3





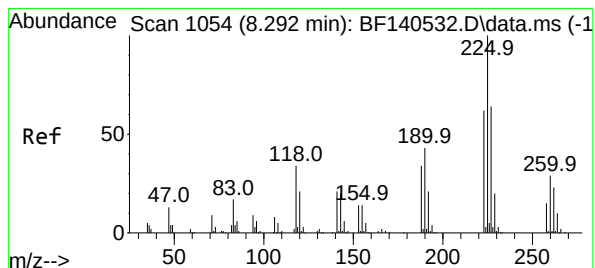
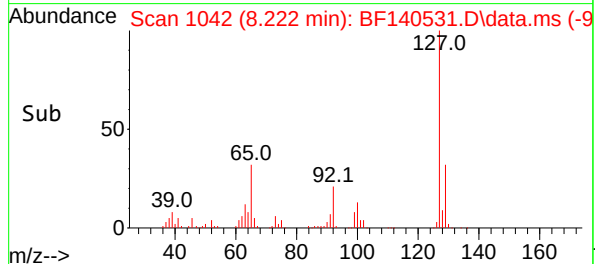
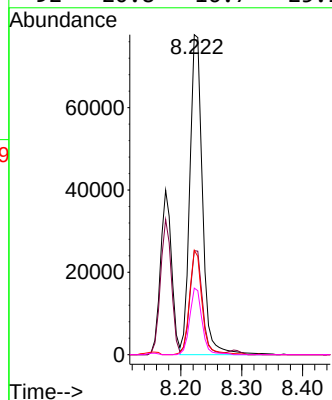
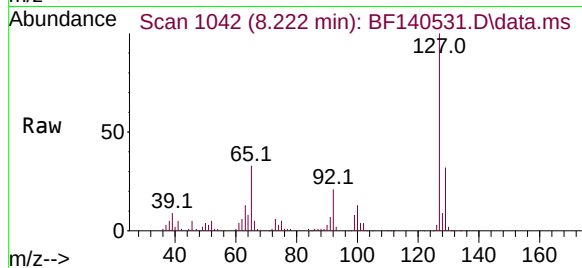
#33
4-Chloroaniline
Concen: 20.042 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 112719
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 32.6 26.0 39.0
92 20.8 16.7 25.1

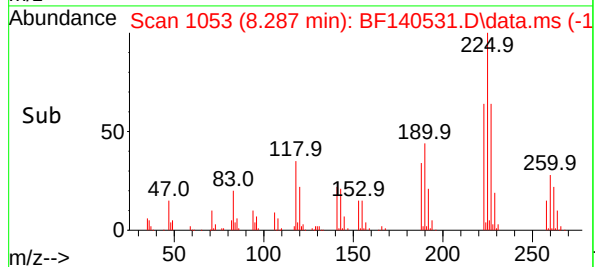
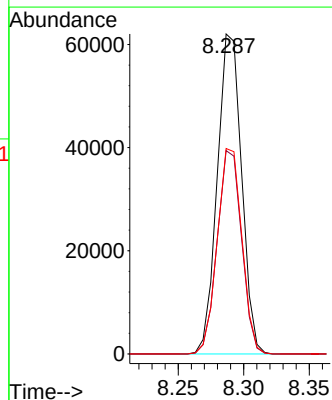
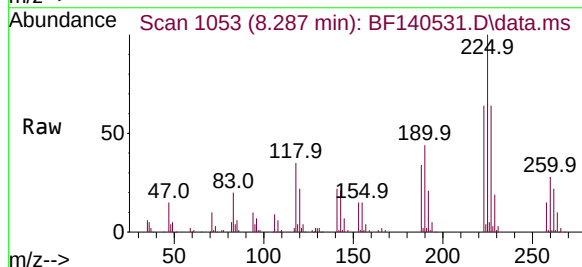
Manual Integrations
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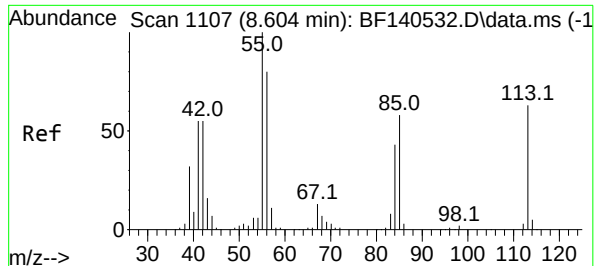
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 20.427 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:225 Resp: 79980
Ion Ratio Lower Upper
225 100
223 63.5 49.8 74.8
227 64.2 51.3 76.9





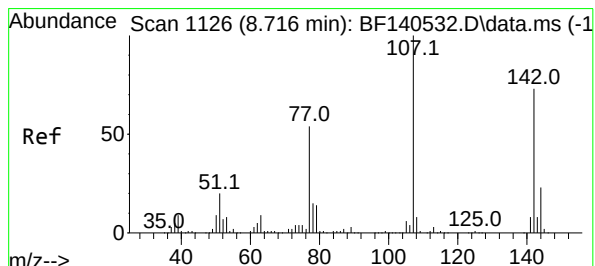
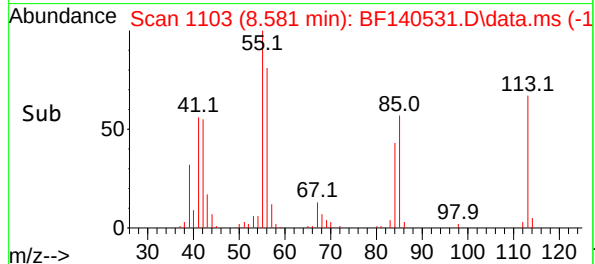
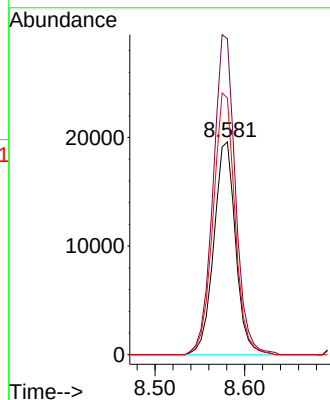
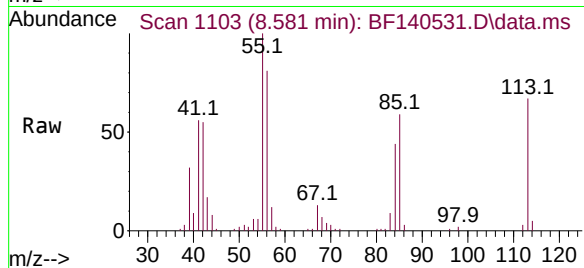
#35
Caprolactam
Concen: 20.609 ng
RT: 8.581 min Scan# 1103
Delta R.T. -0.023 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 33020
Ion Ratio Lower Upper
113 100
55 148.5 137.7 177.7
56 120.6 106.4 146.4

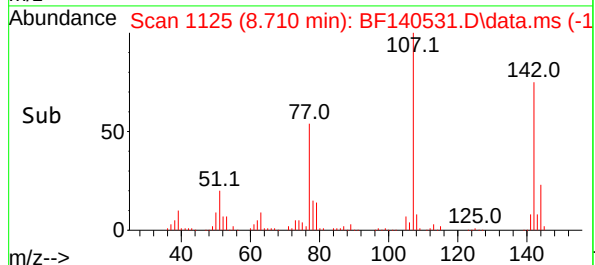
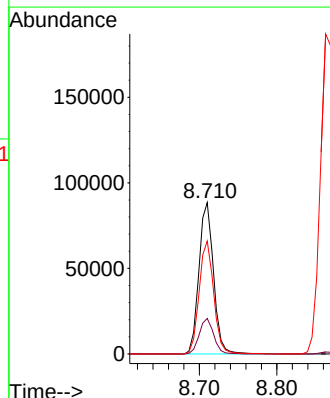
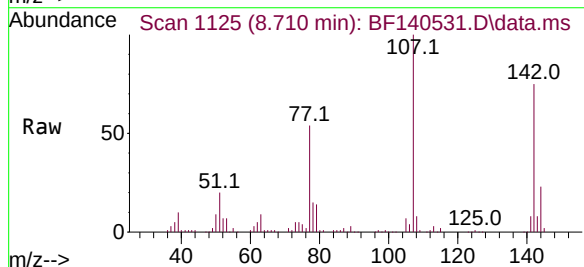
Manual Integrations
APPROVED

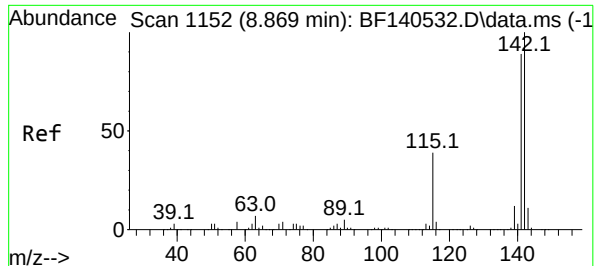
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 19.974 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:107 Resp: 115782
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 74.6 58.3 87.5





#37

2-Methylnaphthalene

Concen: 20.446 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 243949

Ion Ratio Lower Upper

142 100

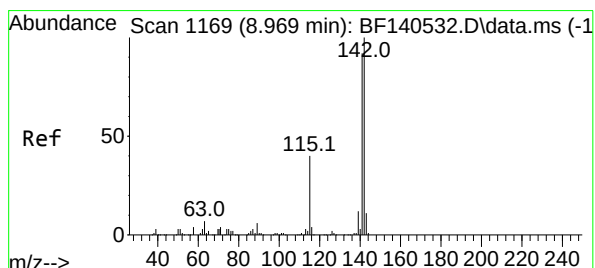
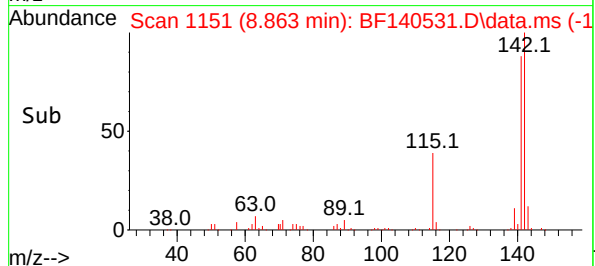
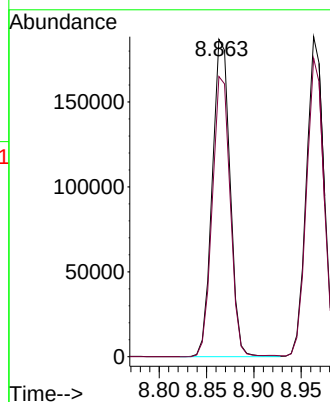
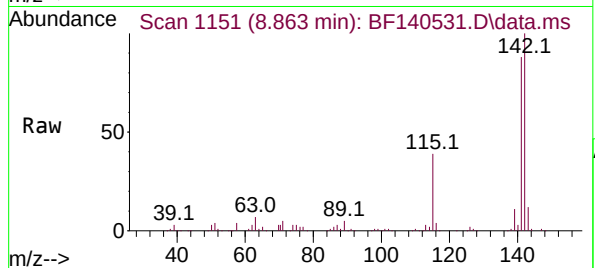
141 88.2 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#38

1-Methylnaphthalene

Concen: 20.564 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140531.D

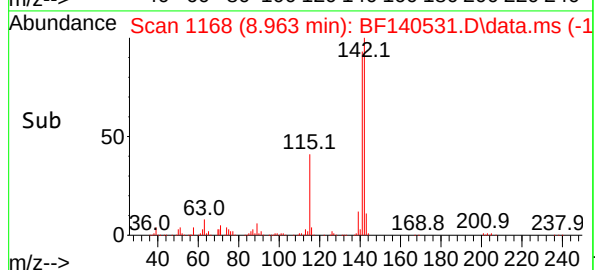
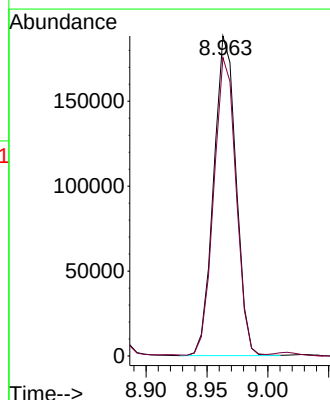
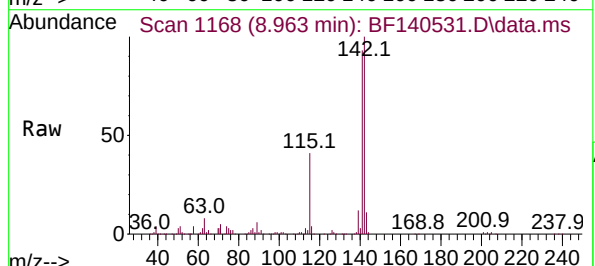
Acq: 21 Nov 2024 12:32

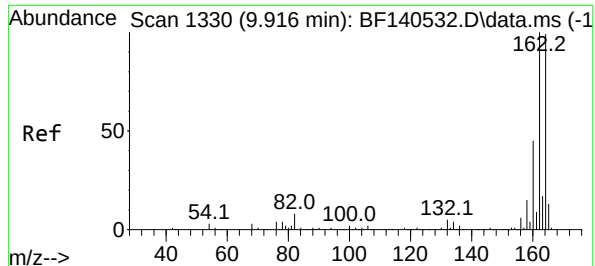
Tgt Ion:142 Resp: 240502

Ion Ratio Lower Upper

142 100

141 93.2 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:164 Resp: 19880

Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

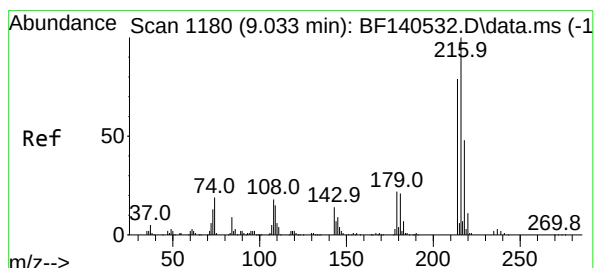
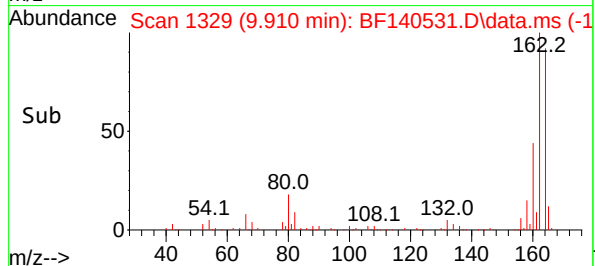
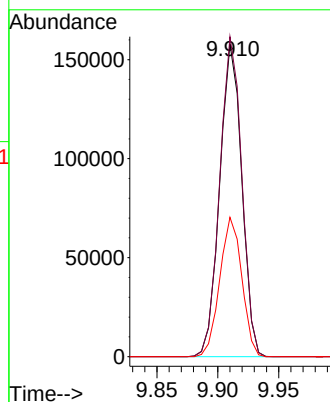
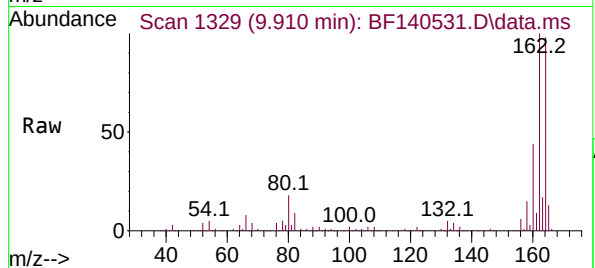
160 44.6 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.695 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion:216 Resp: 120444

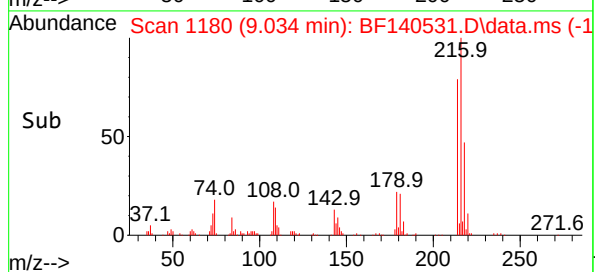
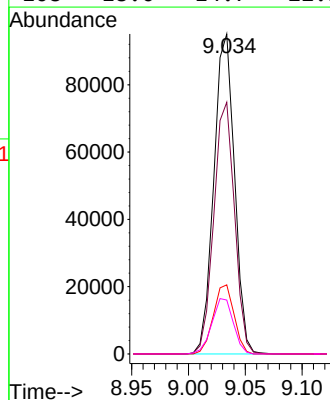
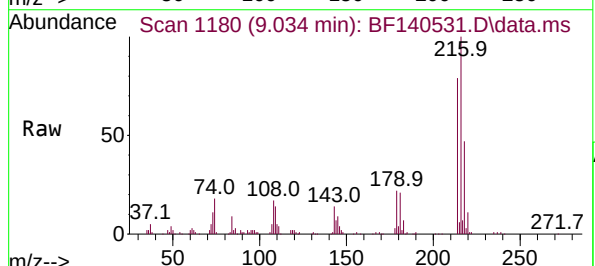
Ion Ratio Lower Upper

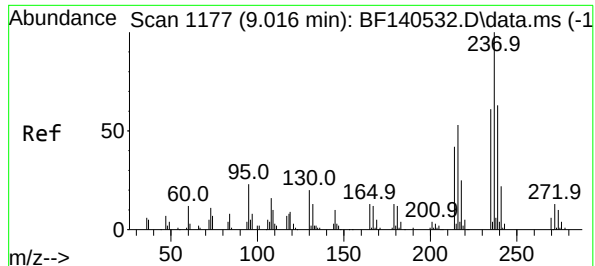
216 100

214 78.6 63.0 94.4

179 21.7 17.5 26.3

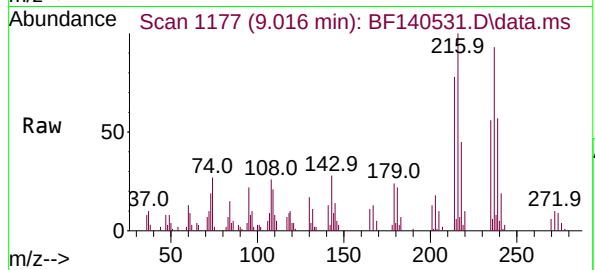
108 18.0 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 19.734 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

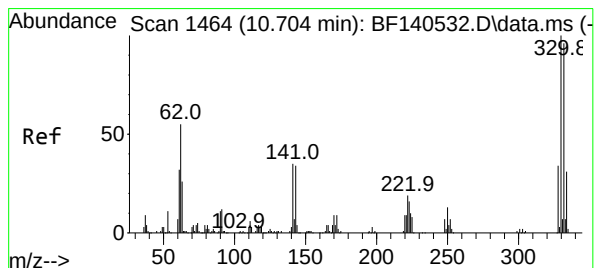
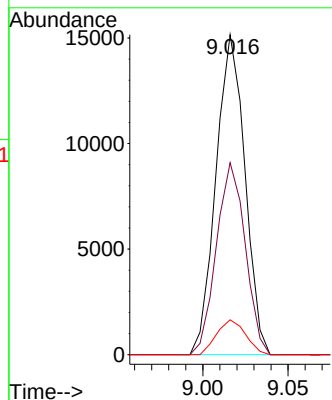
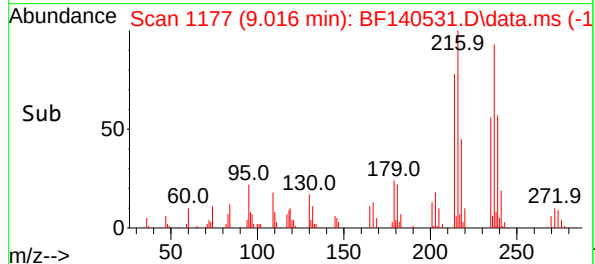
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



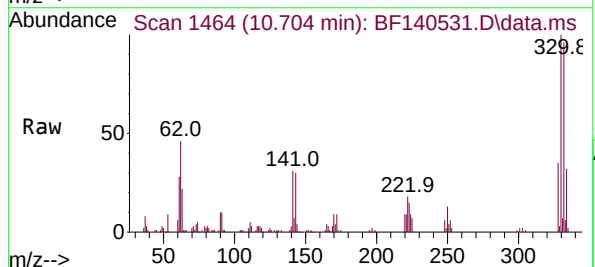
Tgt Ion: 237 Resp: 17909
Ion Ratio Lower Upper
237 100
235 60.0 41.1 81.1
272 10.9 0.0 32.6

Manual Integrations
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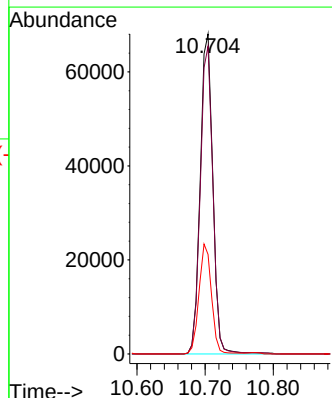
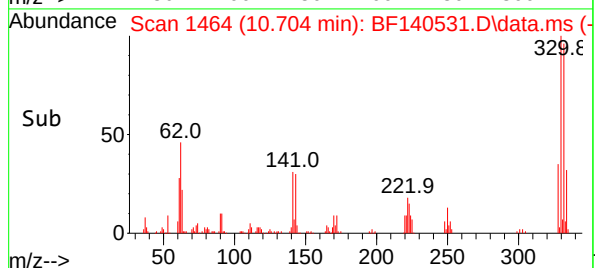
Reviewed By : Yogesh Patel 11/22/2024
Supervised By : mohammad ahmed 11/27/2024

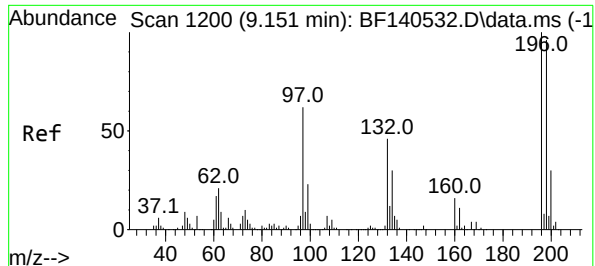


#42
2,4,6-Tribromophenol
Concen: 41.118 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



Tgt Ion: 330 Resp: 87426
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 34.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 20.410 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140531.D

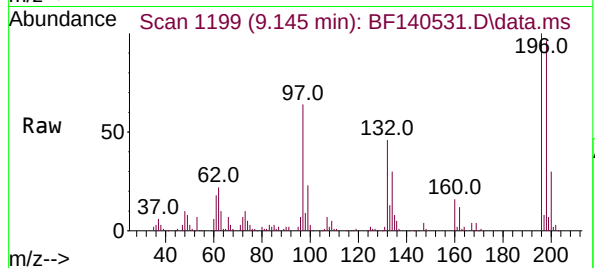
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 74538

Ion Ratio Lower Upper

196 100

198 95.9 76.8 115.2

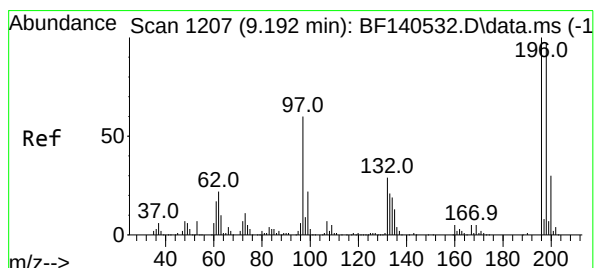
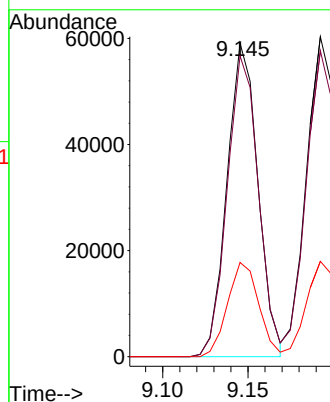
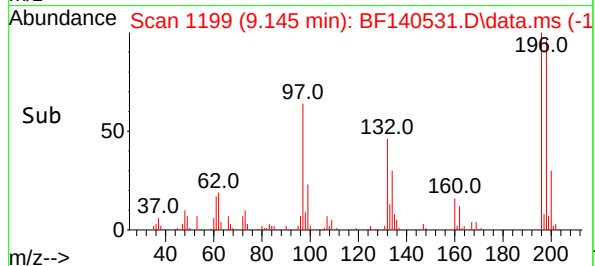
200 30.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

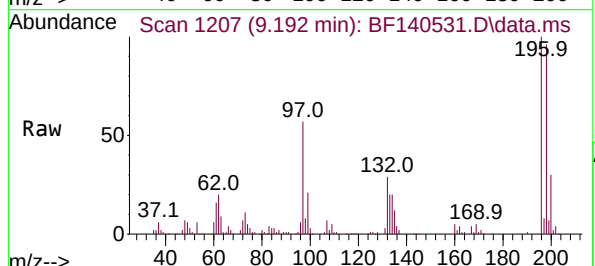
Concen: 20.585 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32



Tgt Ion:196 Resp: 81588

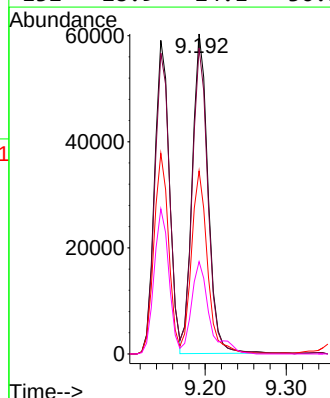
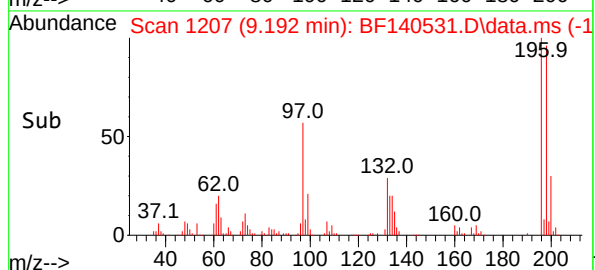
Ion Ratio Lower Upper

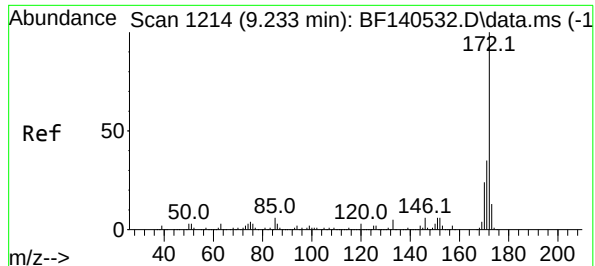
196 100

198 95.6 77.2 115.8

97 57.2 47.1 70.7

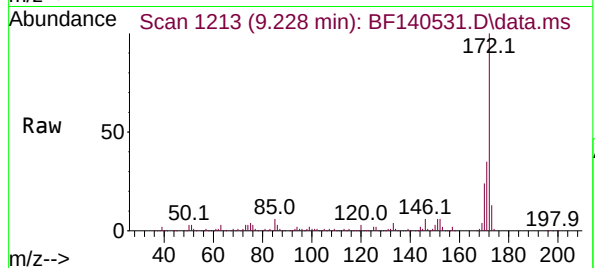
132 28.9 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 42.389 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

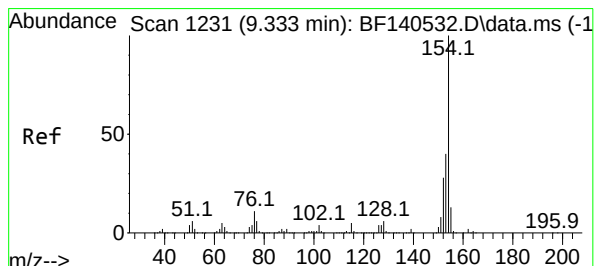
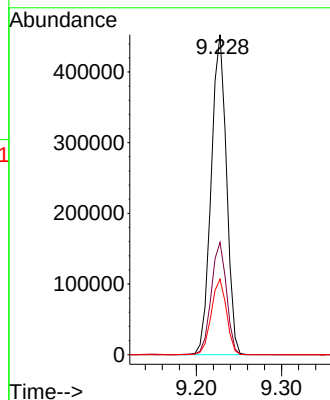
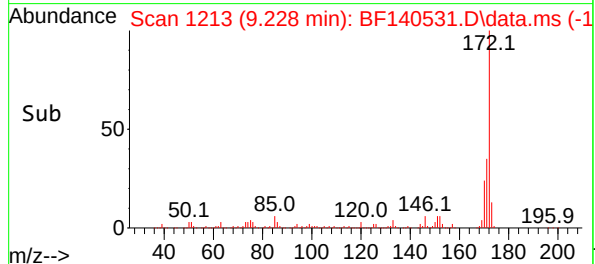
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 56560
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.6 19.0 28.6

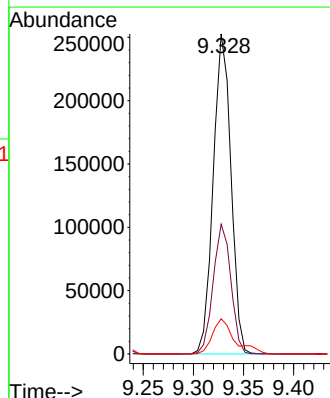
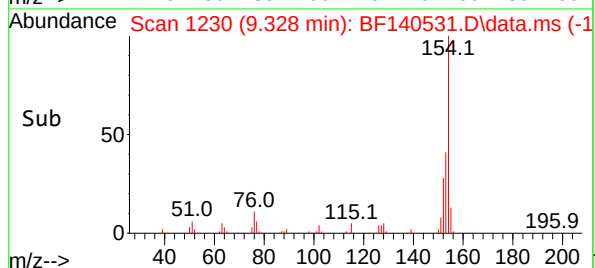
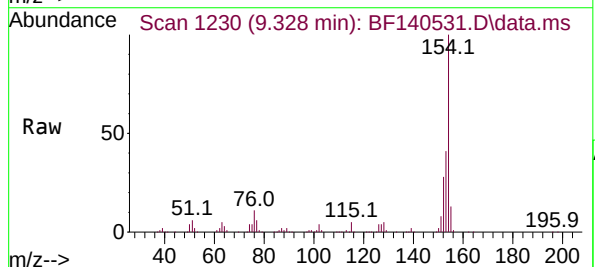
Manual Integrations
APPROVED

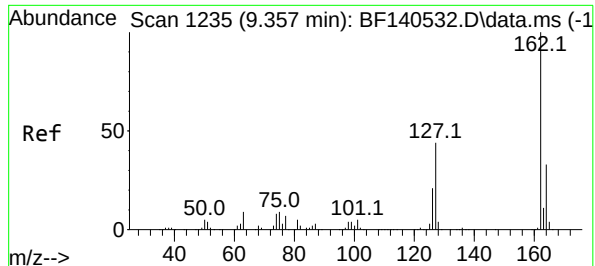
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 20.936 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:154 Resp: 310749
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 20.545 ng

RT: 9.357 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140531.D

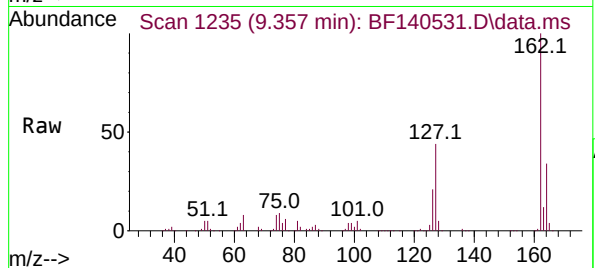
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 23106

Ion Ratio Lower Upper

162 100

127 44.0 35.7 53.5

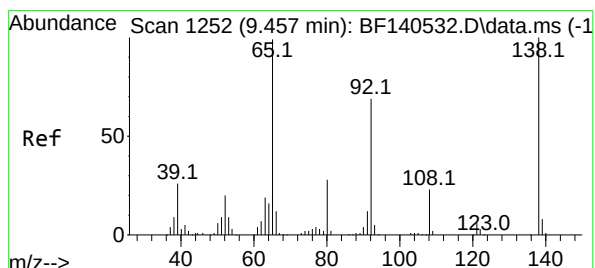
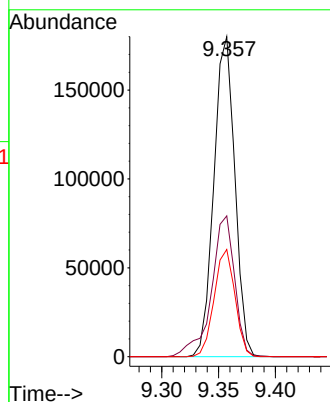
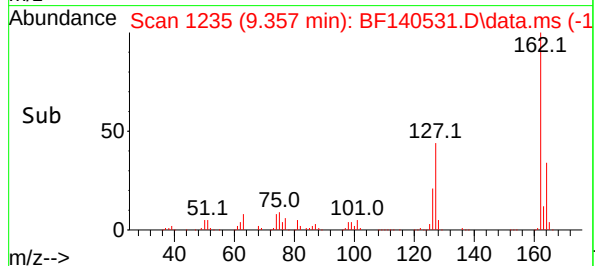
164 33.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

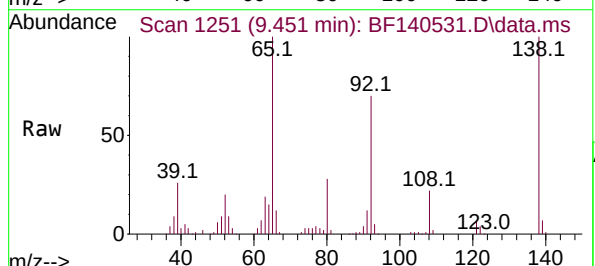
Concen: 20.871 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32



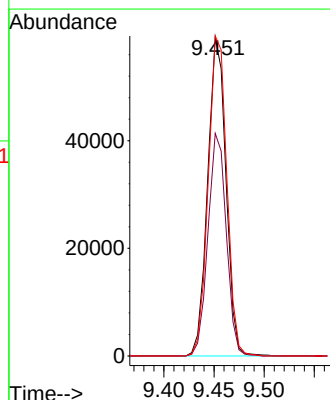
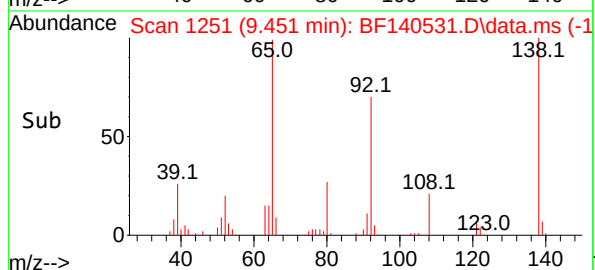
Tgt Ion: 65 Resp: 75343

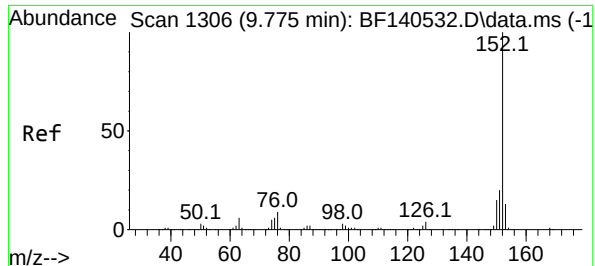
Ion Ratio Lower Upper

65 100

92 69.8 56.1 84.1

138 100.4 81.0 121.6





#49
Acenaphthylene
Concen: 21.155 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

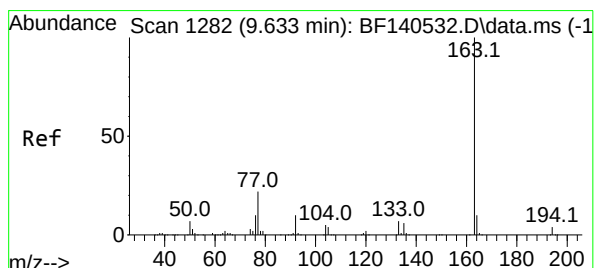
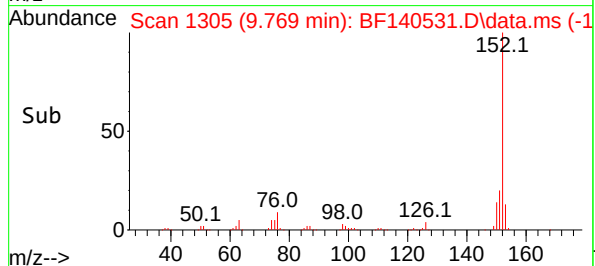
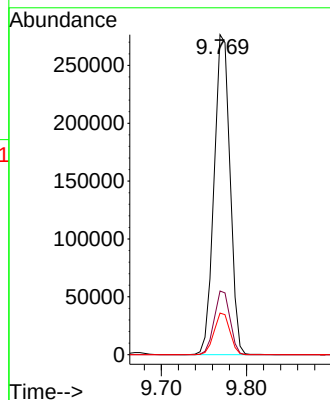
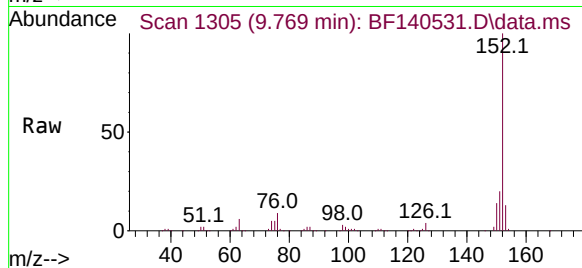
SSTDICC020

Tgt Ion:152 Resp: 35948
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.0 10.6 16.0

Manual Integrations

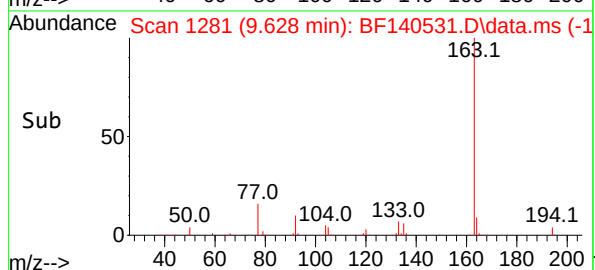
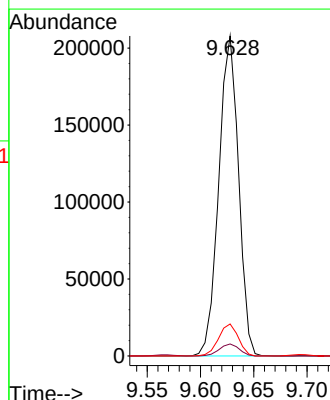
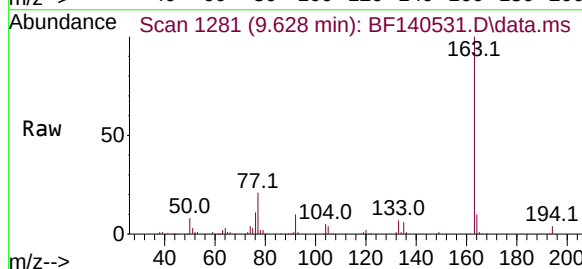
APPROVED

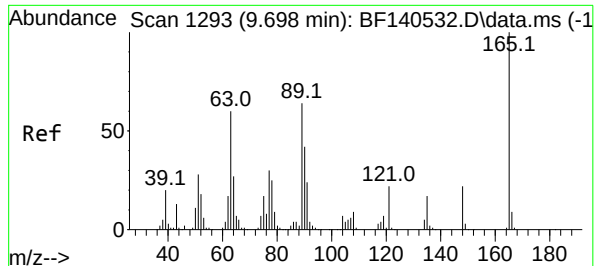
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#50
Dimethylphthalate
Concen: 20.440 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:163 Resp: 267629
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 20.568 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

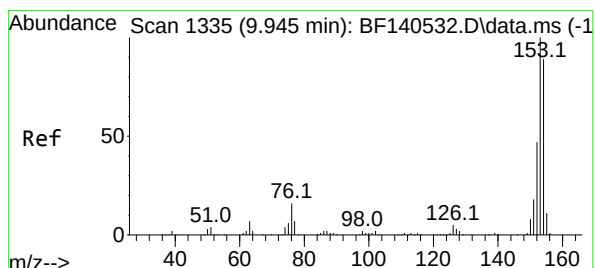
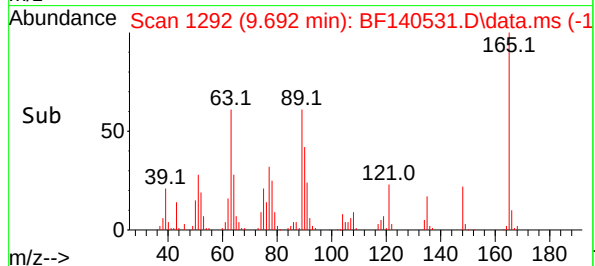
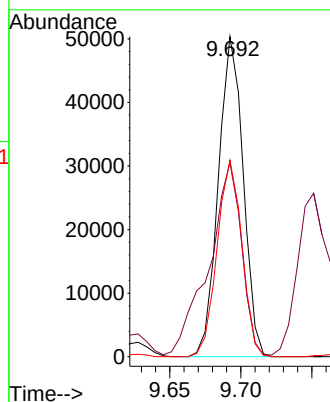
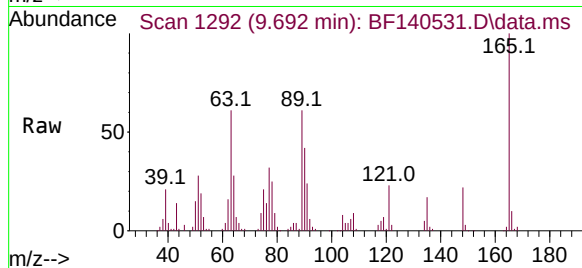
SSTDICC020

Tgt Ion:165 Resp: 61070
Ion Ratio Lower Upper
165 100
63 60.7 49.9 74.9
89 61.4 50.9 76.3

Manual Integrations

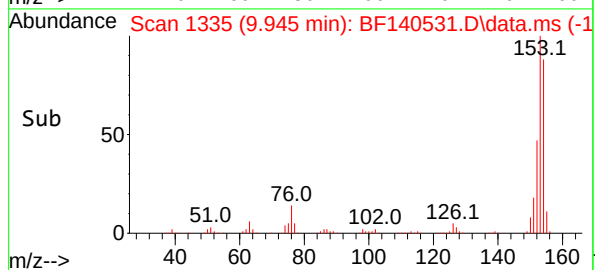
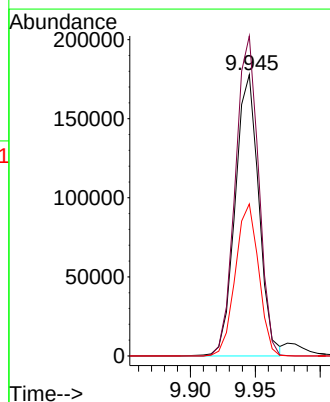
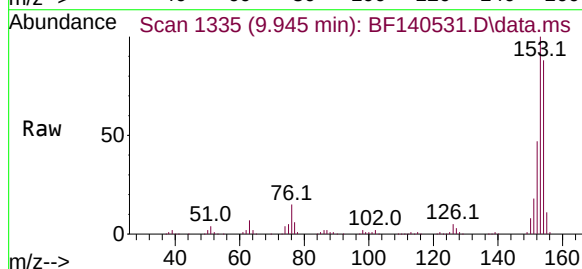
APPROVED

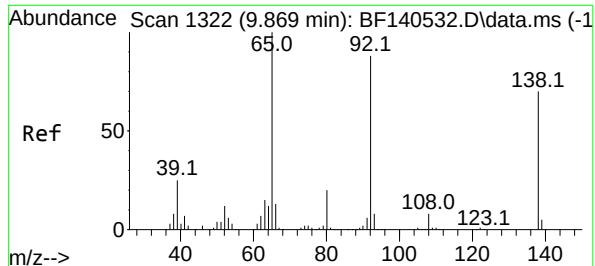
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 20.497 ng m
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

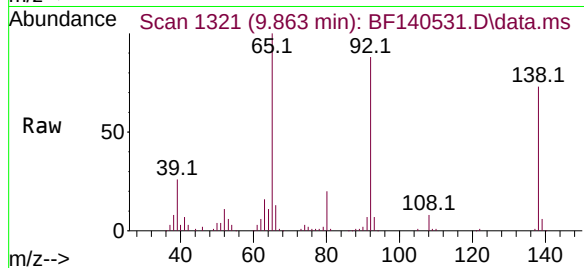
Tgt Ion:154 Resp: 225540
Ion Ratio Lower Upper
154 100
153 113.8 89.7 134.5
152 54.0 42.5 63.7





#53
3-Nitroaniline
Concen: 21.128 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

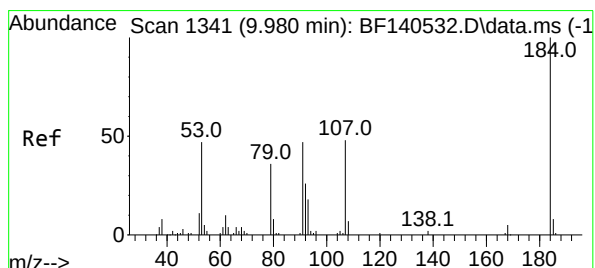
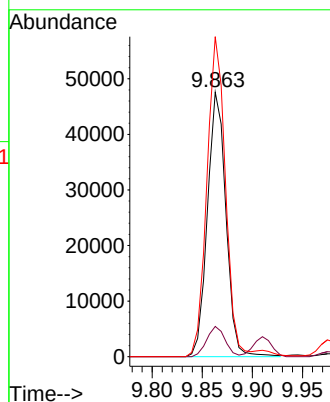
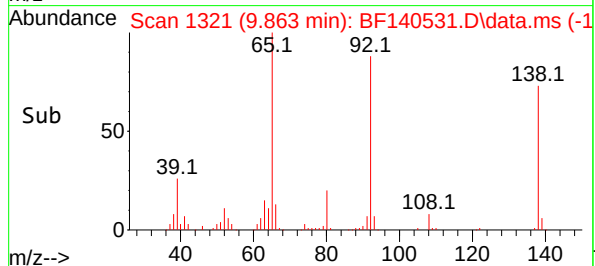
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 61362
Ion Ratio Lower Upper
138 100
108 11.4 9.2 13.8
92 121.0 100.6 150.8

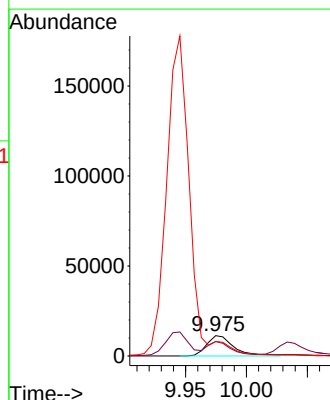
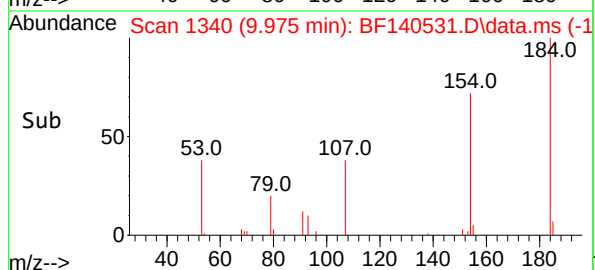
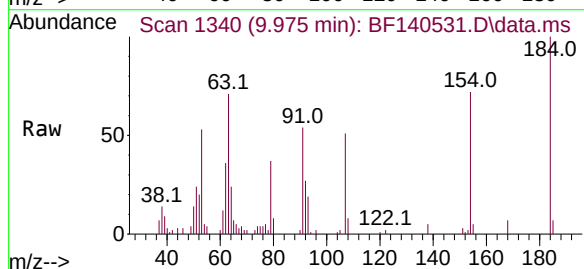
Manual Integrations
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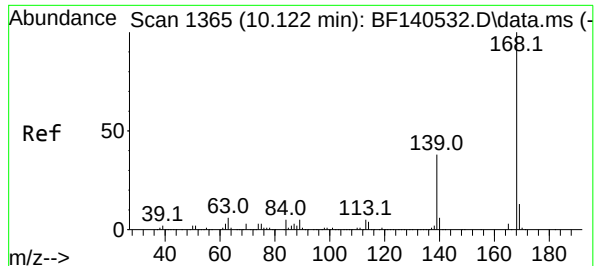
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 18.164 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.005 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:184 Resp: 17628
Ion Ratio Lower Upper
184 100
63 71.0 54.1 81.1
154 71.5 57.4 86.0





#55

Dibenzenofuran

Concen: 20.992 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 345729

Ion Ratio Lower Upper

168 100

139 39.1 31.3 46.9

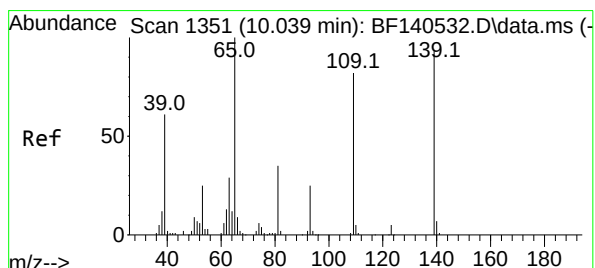
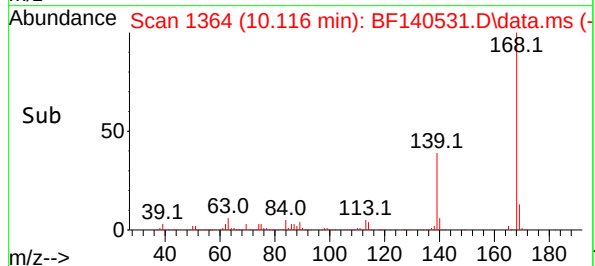
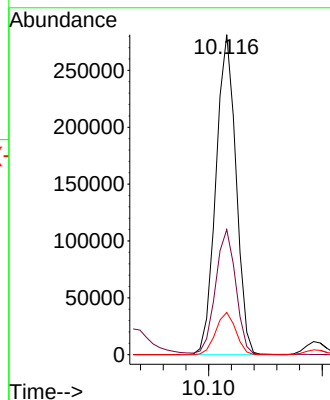
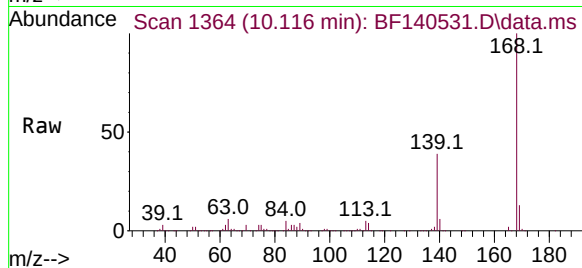
169 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#56

4-Nitrophenol

Concen: 19.582 ng

RT: 10.034 min Scan# 1350

Delta R.T. -0.005 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

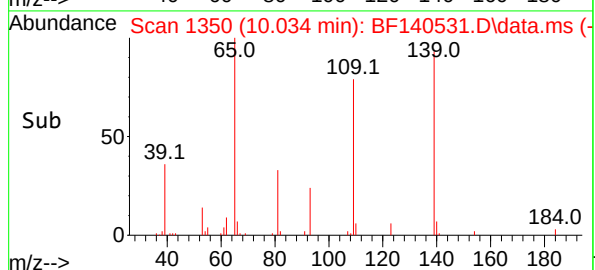
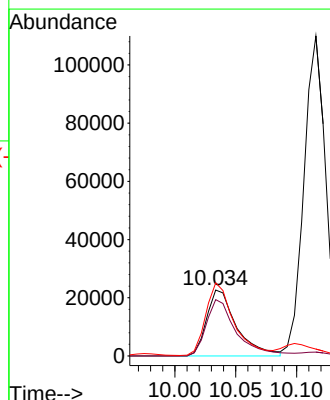
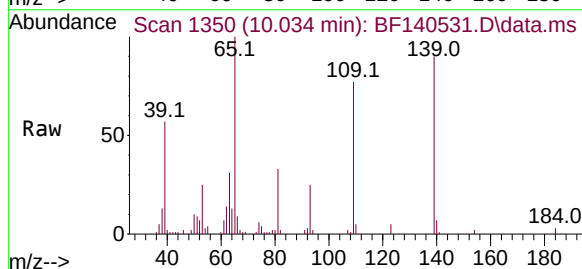
Tgt Ion:139 Resp: 38787

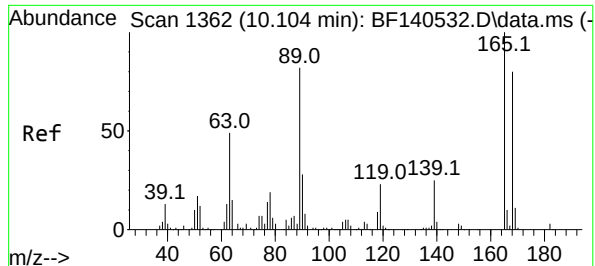
Ion Ratio Lower Upper

139 100

109 85.4 68.4 108.4

65 110.9 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 20.957 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

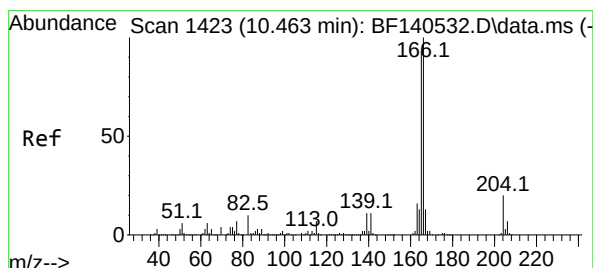
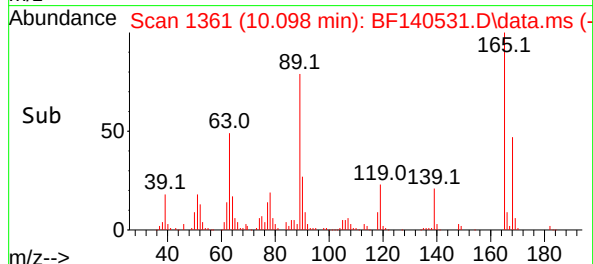
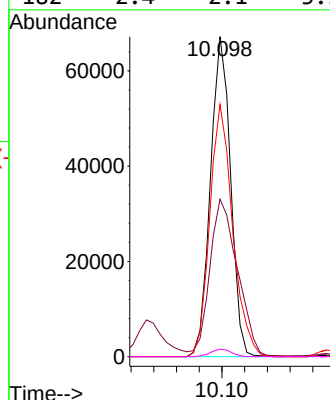
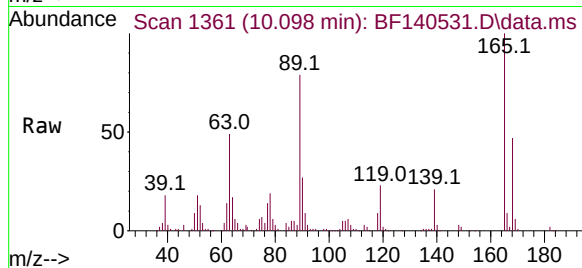
SSTDICC020

Tgt Ion:165 Resp: 82700
Ion Ratio Lower Upper
165 100
63 49.2 41.7 62.5
89 78.8 65.8 98.8
182 2.4 2.1 3.1

Manual Integrations

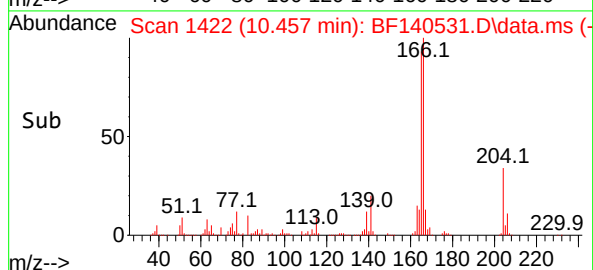
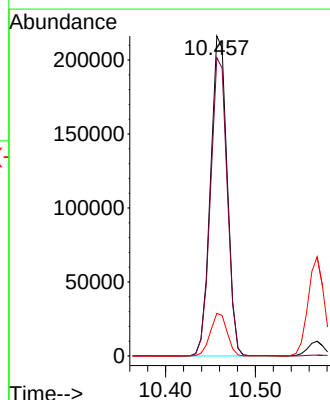
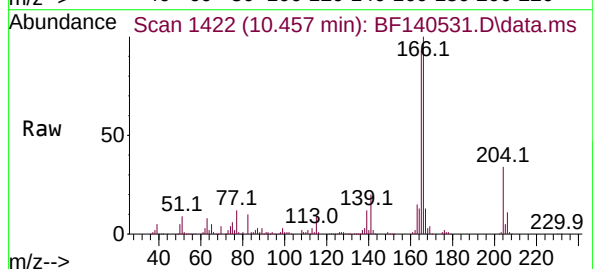
APPROVED

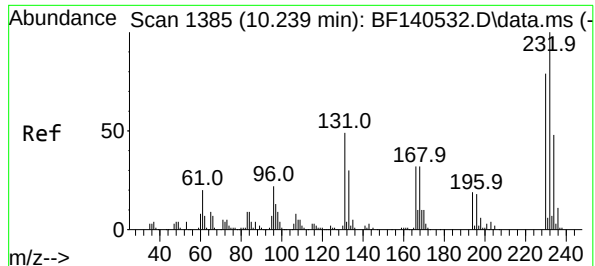
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 21.038 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

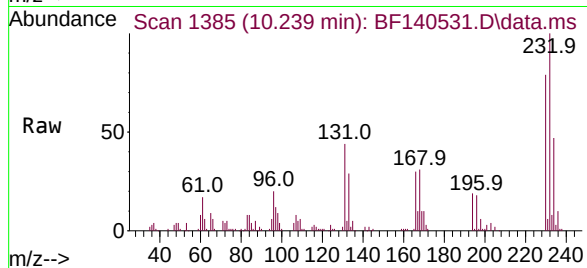
Tgt Ion:166 Resp: 278115
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.072 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

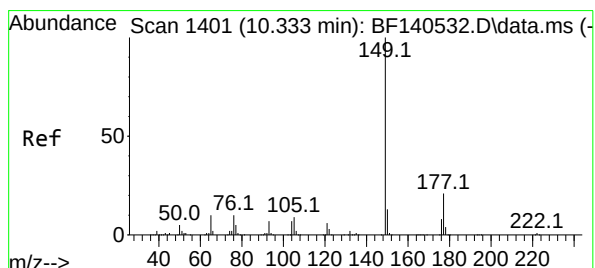
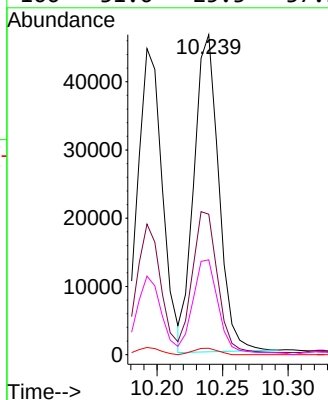
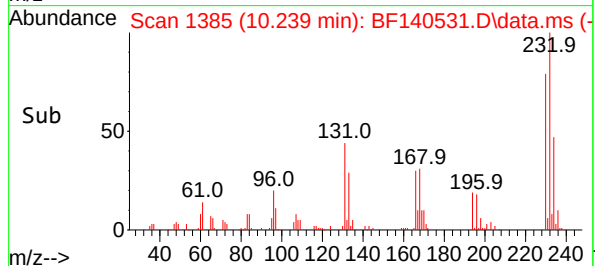
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 6114
Ion Ratio Lower Upper
232 100
131 47.5 39.6 59.4
130 2.0 1.9 2.9
166 31.6 25.3 37.9

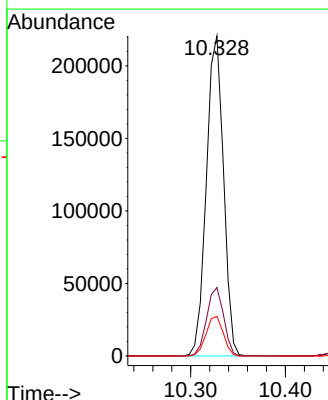
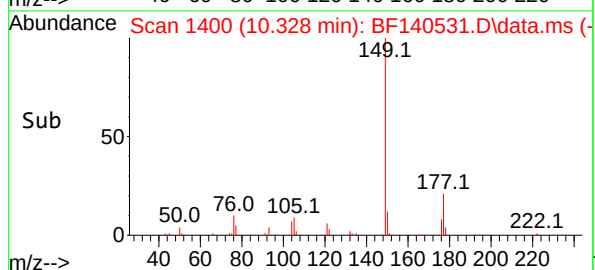
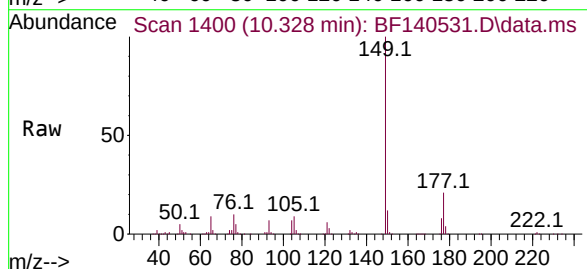
Manual Integrations
APPROVED

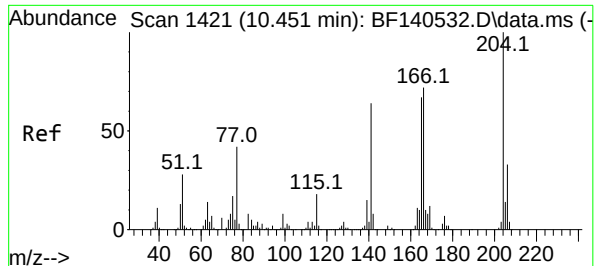
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 20.812 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

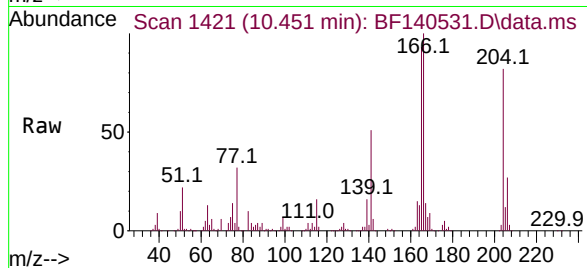
Tgt Ion:149 Resp: 276859
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 20.992 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

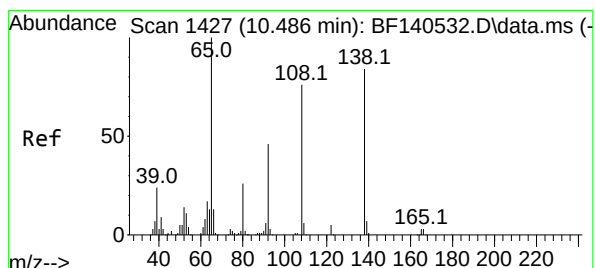
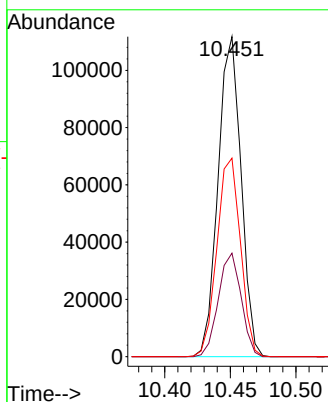
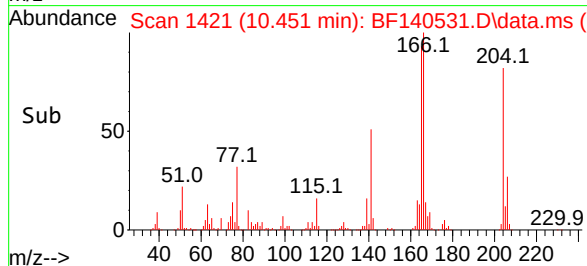
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 136189
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 62.0 51.1 76.7

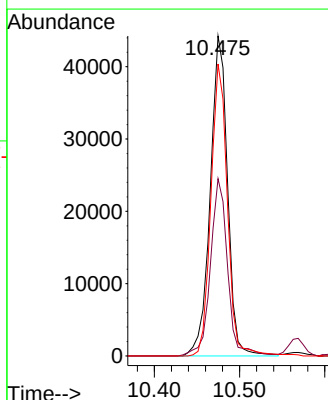
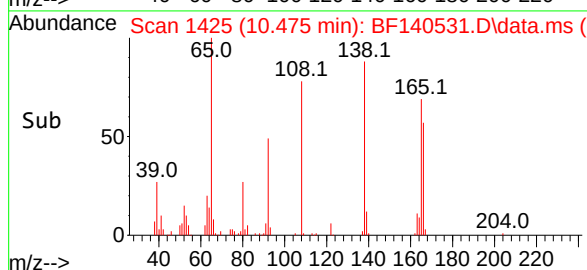
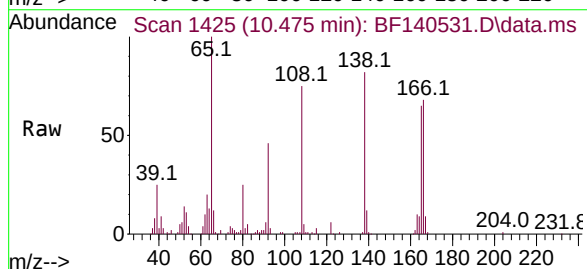
Manual Integrations
APPROVED

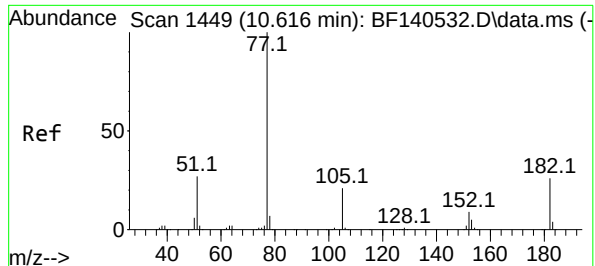
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 20.555 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

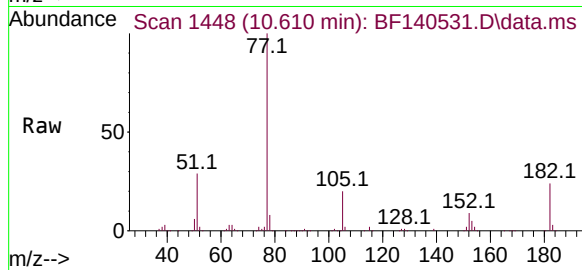
Tgt Ion:138 Resp: 62610
Ion Ratio Lower Upper
138 100
92 55.4 34.5 74.5
108 91.2 70.6 110.6





#63
Azobenzene
Concen: 20.833 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

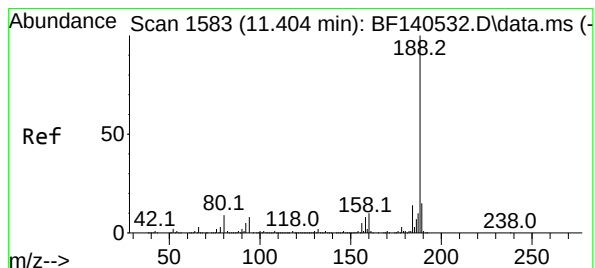
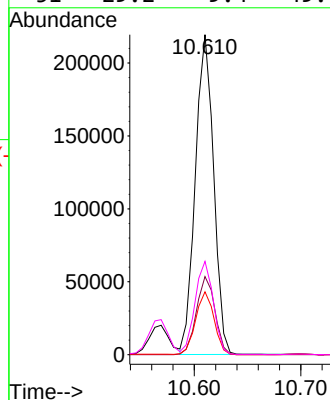
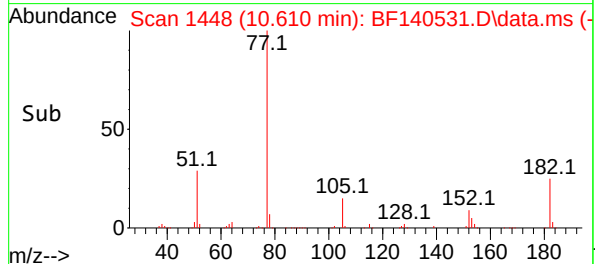
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 262444
Ion Ratio Lower Upper
77 100
182 24.4 5.3 45.3
105 19.7 0.3 40.3
51 29.2 9.4 49.4

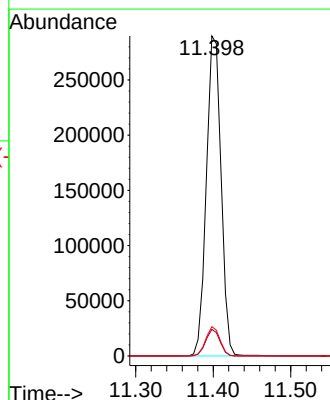
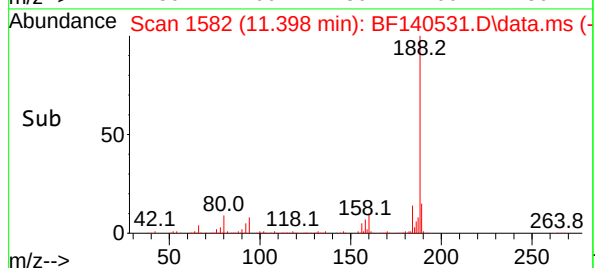
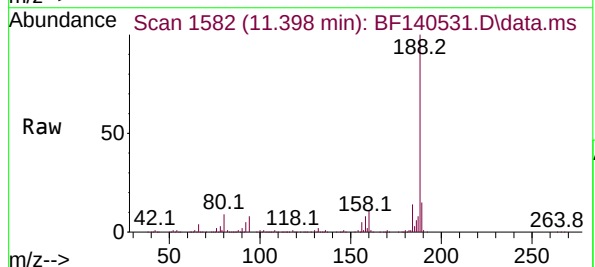
Manual Integrations
APPROVED

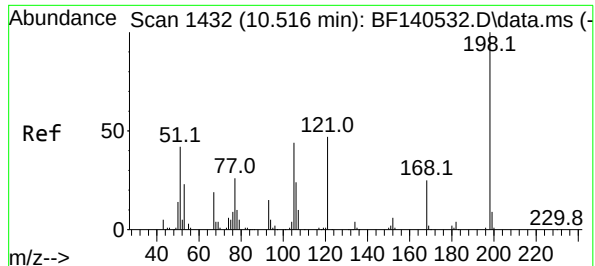
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:188 Resp: 382041
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.1 6.9 10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 17.627 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:198 Resp: 3441

Ion Ratio Lower Upper

198 100

51 51.1 29.4 69.4

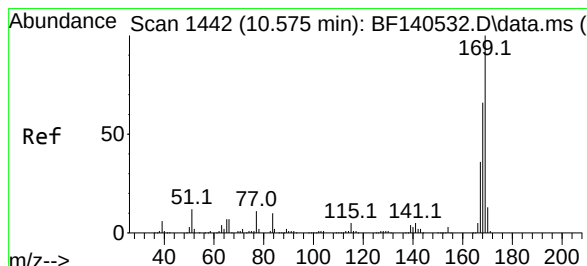
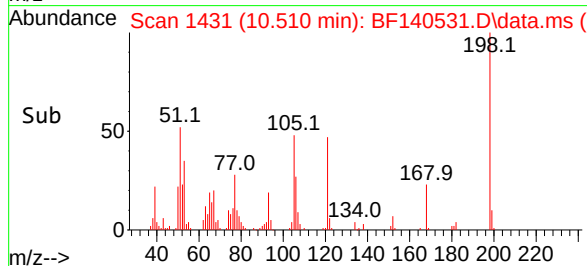
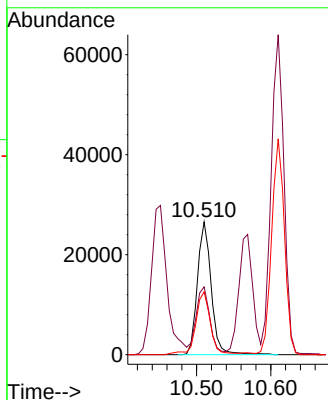
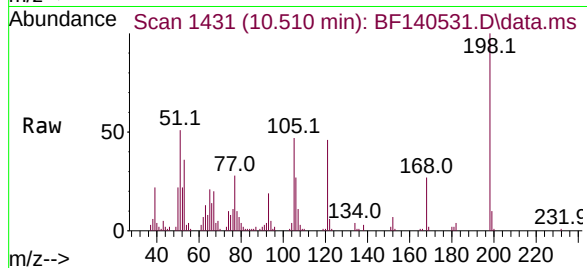
105 47.4 25.4 65.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#66

n-Nitrosodiphenylamine

Concen: 20.187 ng

RT: 10.569 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

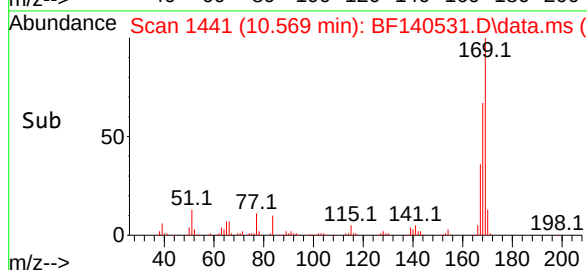
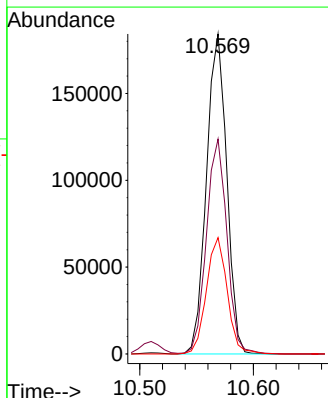
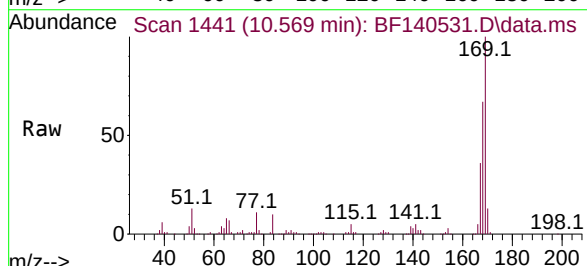
Tgt Ion:169 Resp: 228075

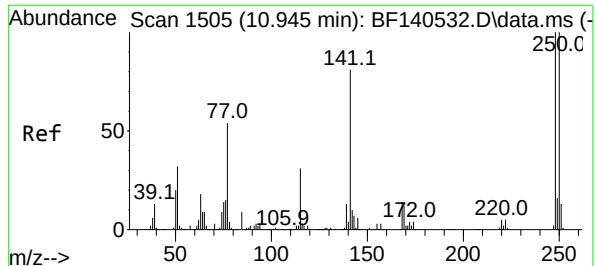
Ion Ratio Lower Upper

169 100

168 67.1 53.2 79.8

167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 20.044 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

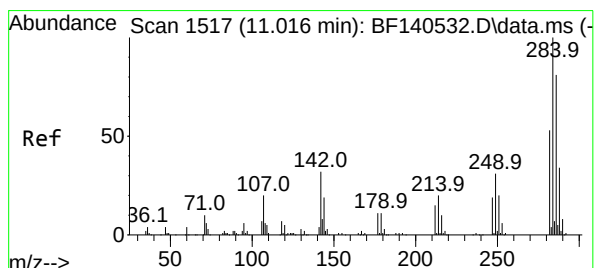
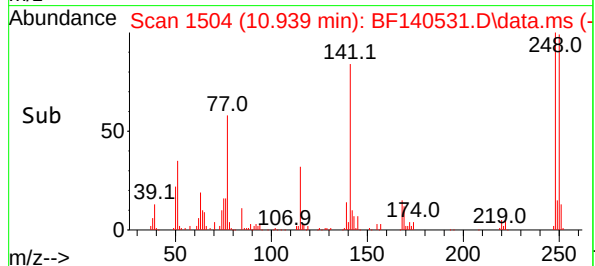
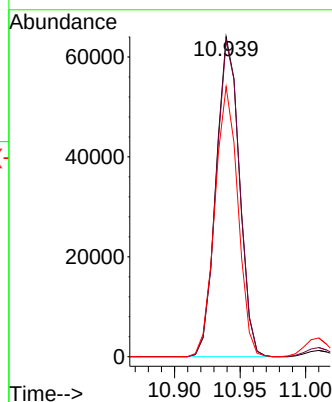
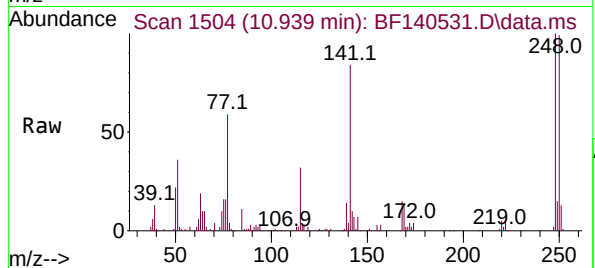
SSTDICC020

Tgt Ion:248 Resp: 7886
Ion Ratio Lower Upper
248 100
250 98.7 79.8 119.8
141 84.4 64.7 97.1

Manual Integrations

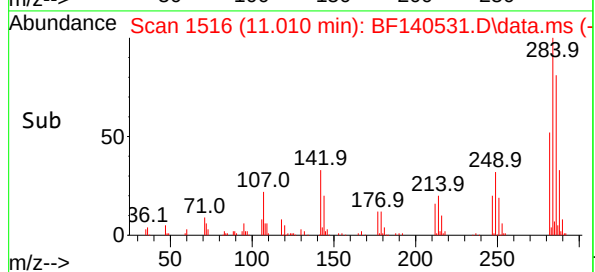
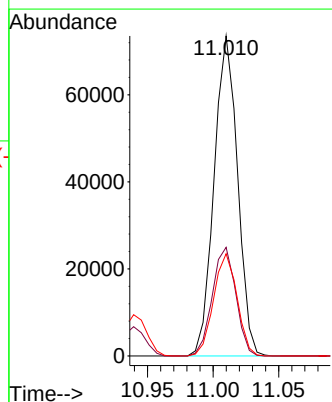
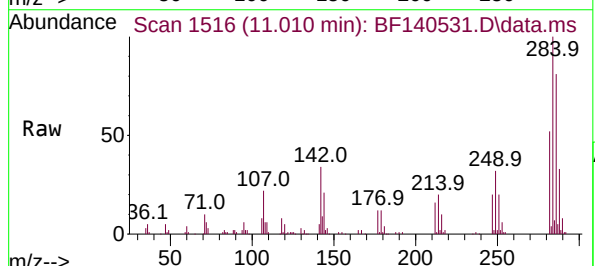
APPROVED

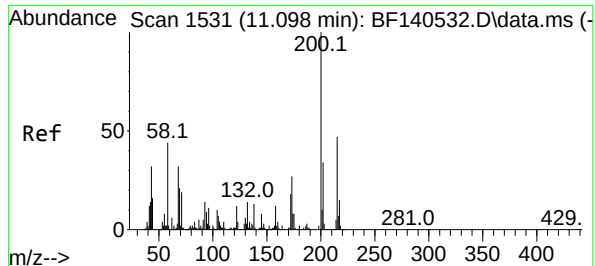
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 20.055 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

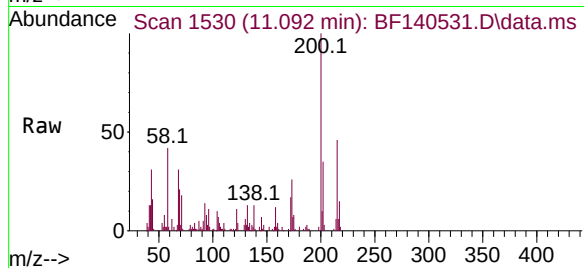
Tgt Ion:284 Resp: 91363
Ion Ratio Lower Upper
284 100
142 34.0 25.3 37.9
249 31.9 24.8 37.2





#69
Atrazine
Concen: 15.754 ng
RT: 11.092 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

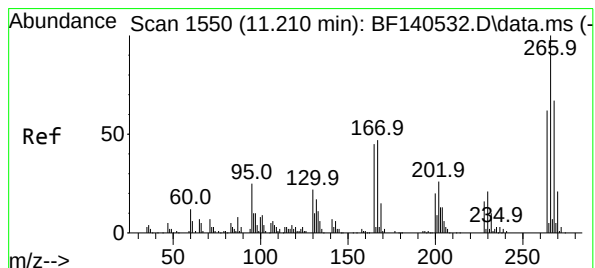
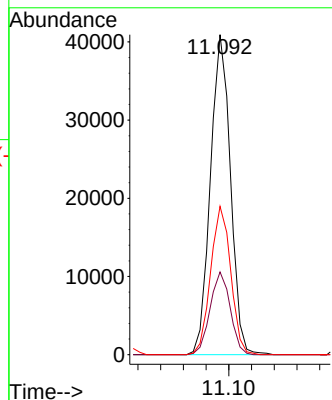
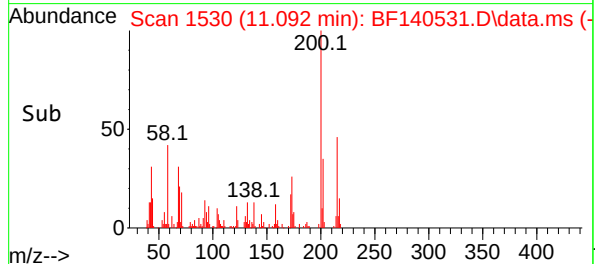
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 50070
Ion Ratio Lower Upper
200 100
173 25.9 7.0 47.0
215 46.3 26.7 66.7

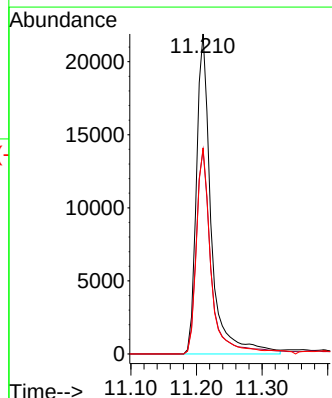
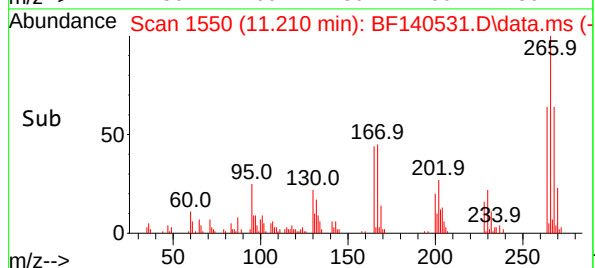
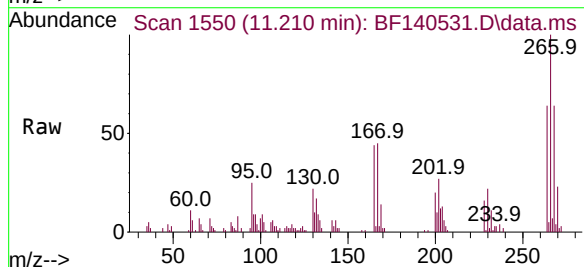
Manual Integrations
APPROVED

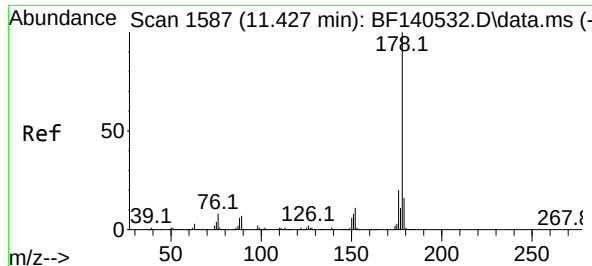
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#70
Pentachlorophenol
Concen: 17.111 ng
RT: 11.210 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:266 Resp: 34309
Ion Ratio Lower Upper
266 100
268 63.8 53.7 80.5
264 64.4 49.8 74.8





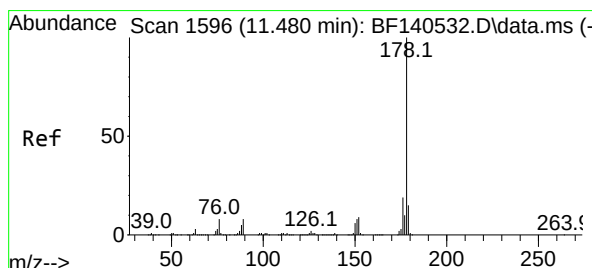
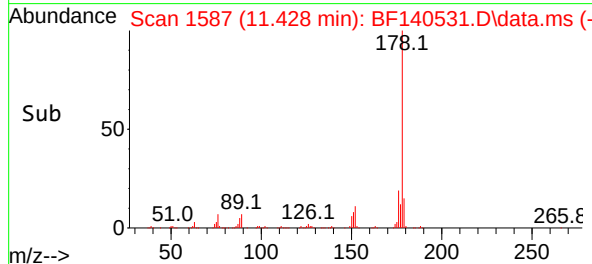
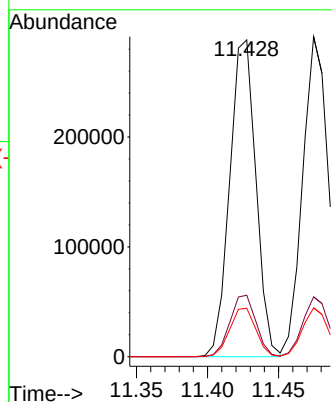
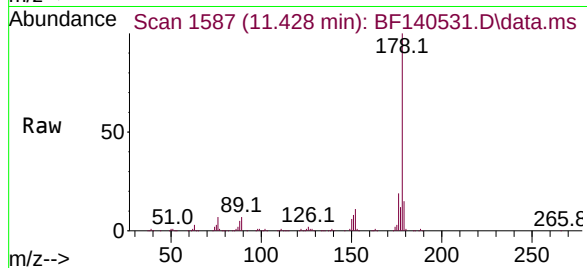
#71
Phenanthrene
Concen: 20.171 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 370424
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.3 12.4 18.6

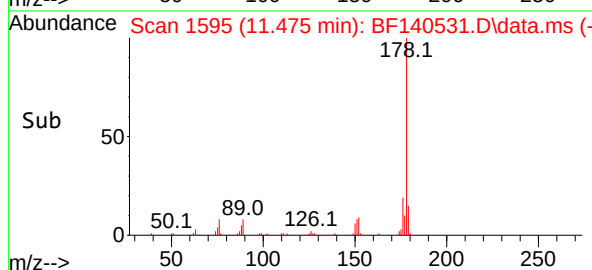
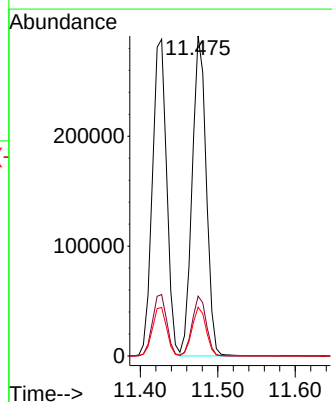
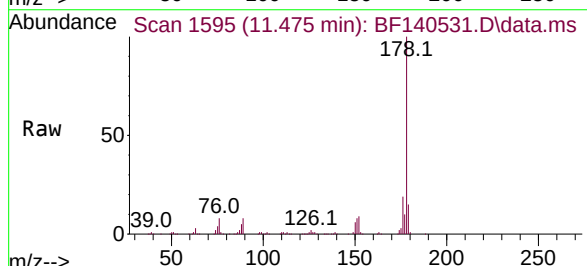
Manual Integrations
APPROVED

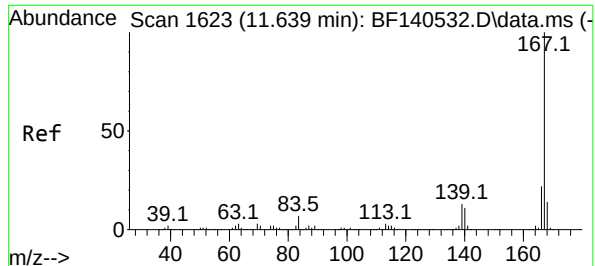
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 20.383 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

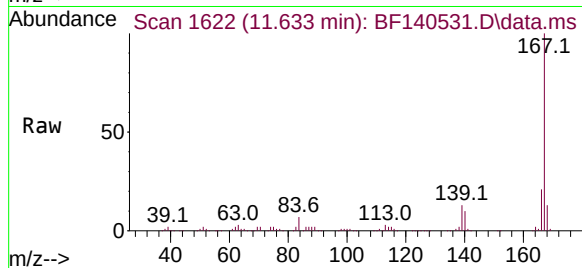
Tgt Ion:178 Resp: 366152
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.2 12.2 18.4





#73
Carbazole
Concen: 20.567 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

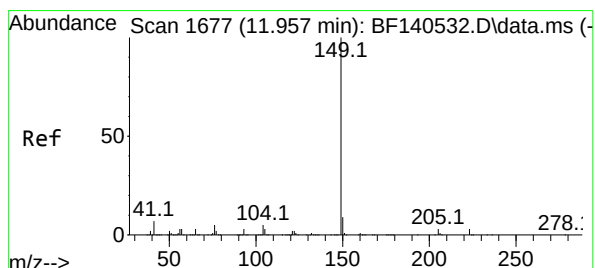
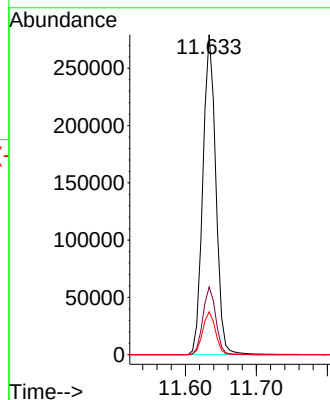
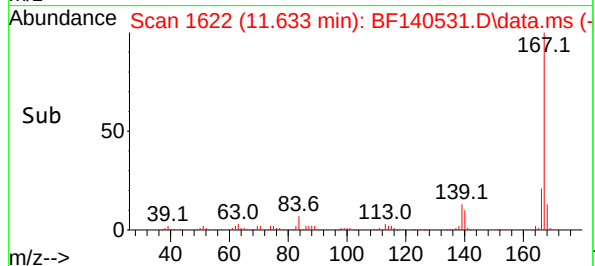
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



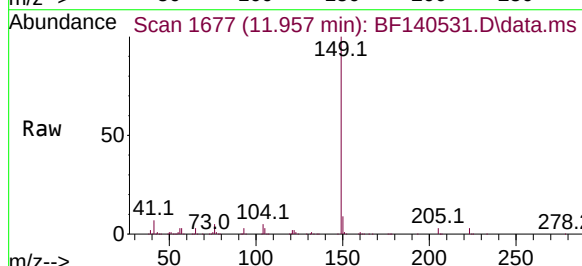
Tgt Ion:167 Resp: 35542
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 13.4 10.6 15.8

Manual Integrations
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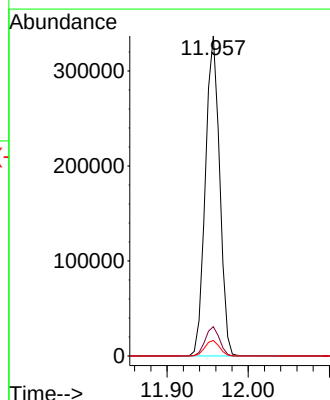
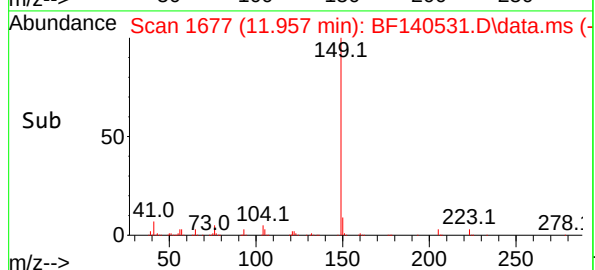
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

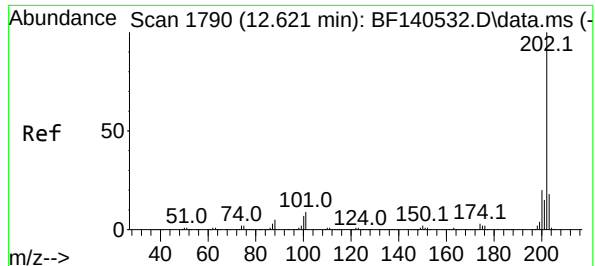


#74
Di-n-butylphthalate
Concen: 20.566 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



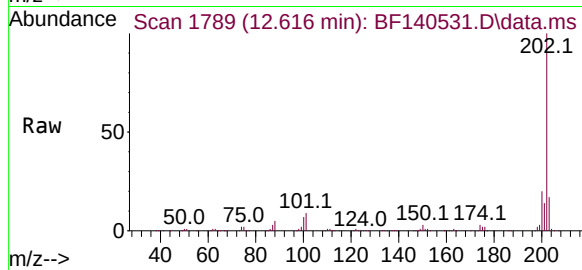
Tgt Ion:149 Resp: 410317
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 21.335 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

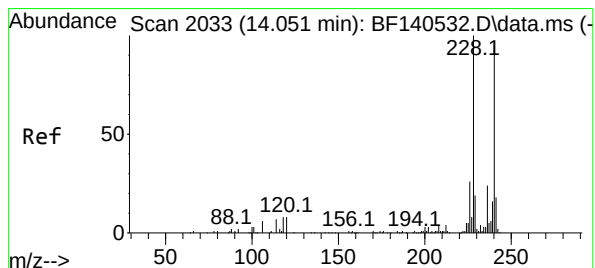
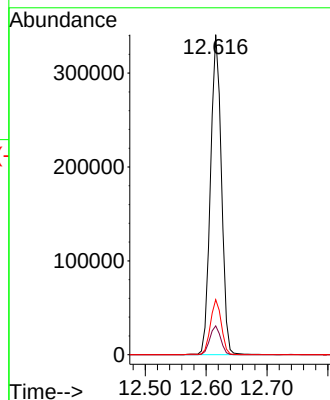
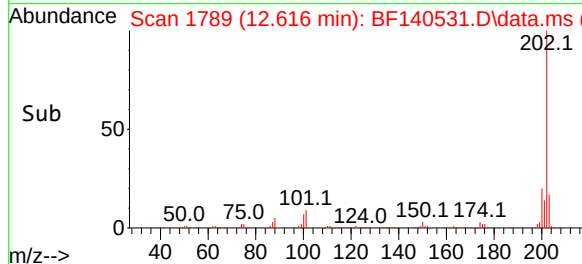
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 425403
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.2 0.0 37.6

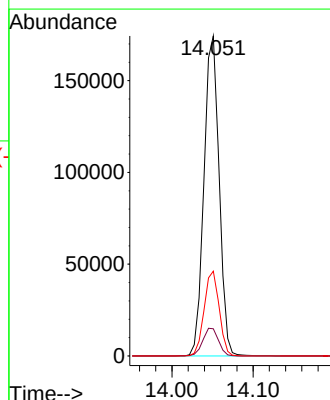
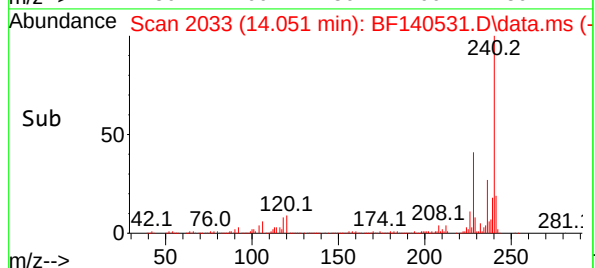
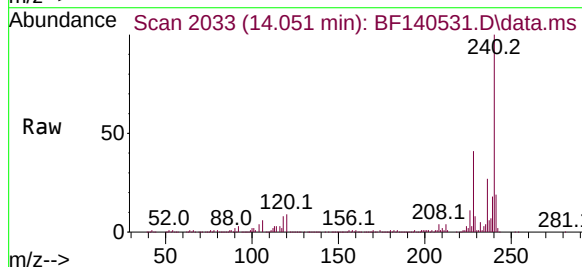
Manual Integrations
APPROVED

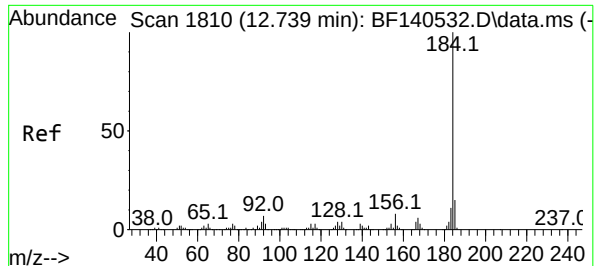
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

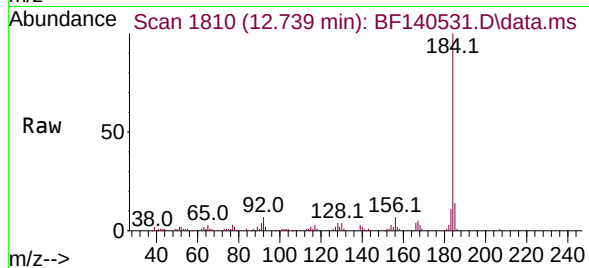
Tgt Ion:240 Resp: 225903
Ion Ratio Lower Upper
240 100
120 8.5 7.3 10.9
236 26.5 20.6 31.0





#77
Benzidine
Concen: 10.185 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

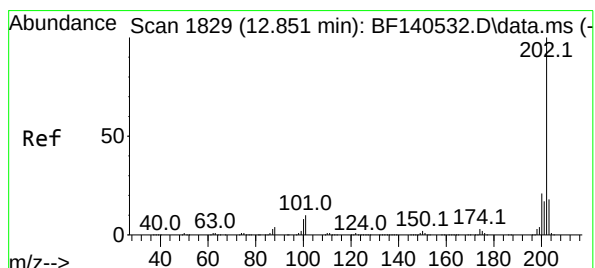
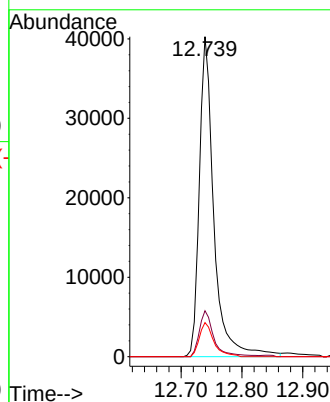
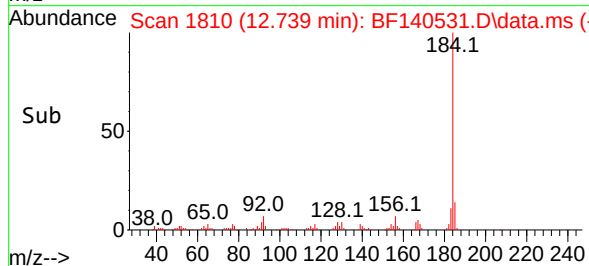
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 6689
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 10.6 8.8 13.2

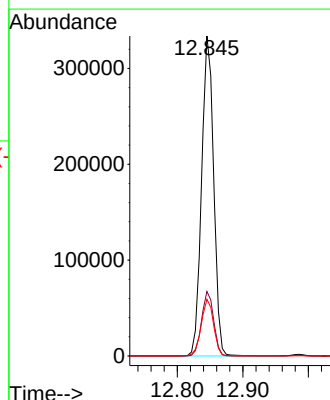
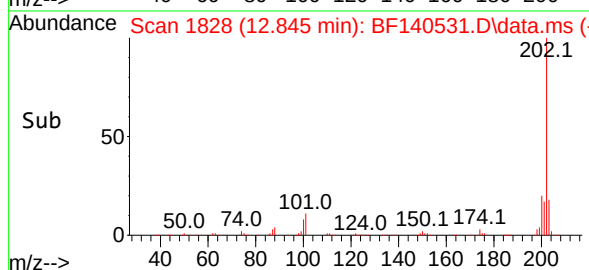
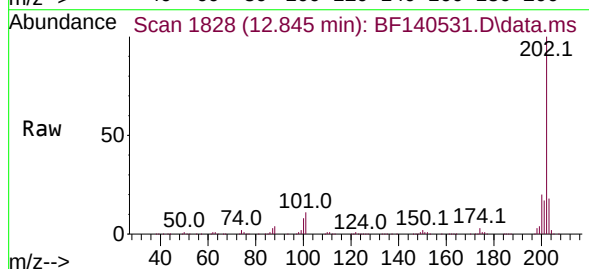
Manual Integrations
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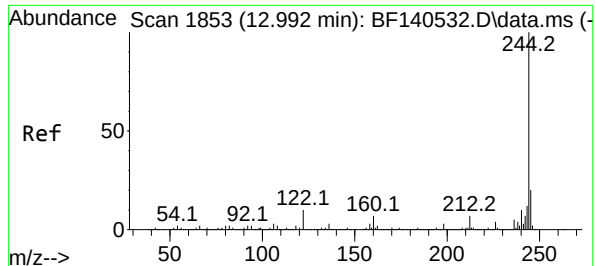
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#78
Pyrene
Concen: 20.514 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

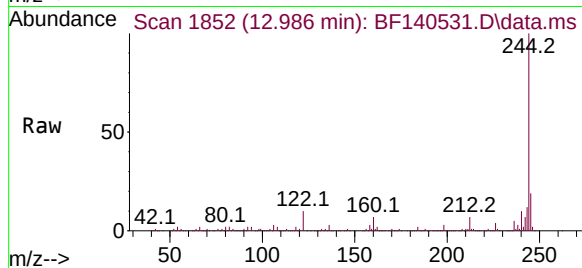
Tgt Ion:202 Resp: 428479
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.7 14.2 21.4





#79
Terphenyl-d14
Concen: 40.721 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

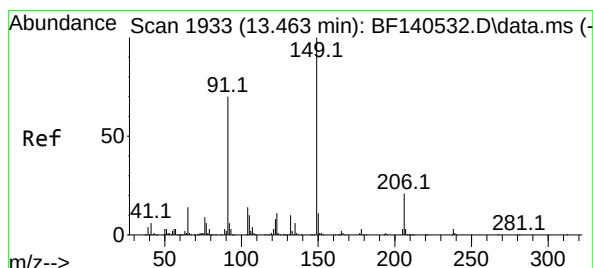
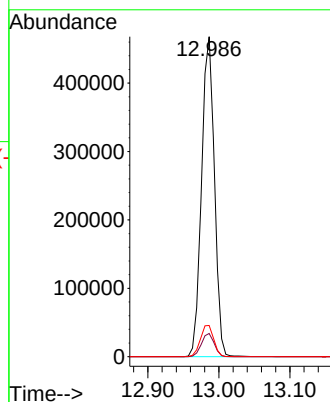
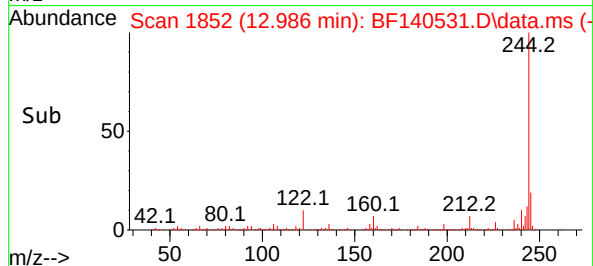
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 590775
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.7 8.0 12.0

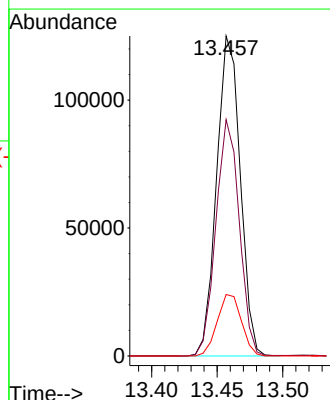
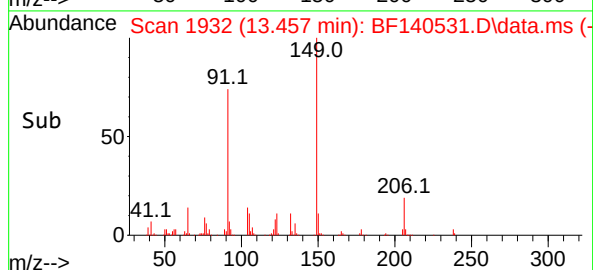
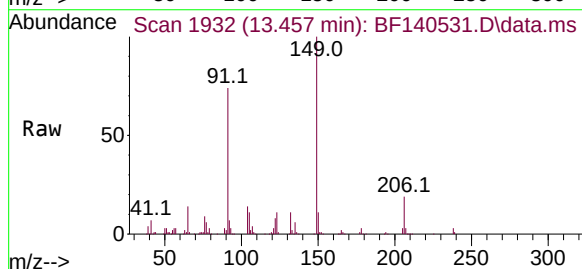
Manual Integrations
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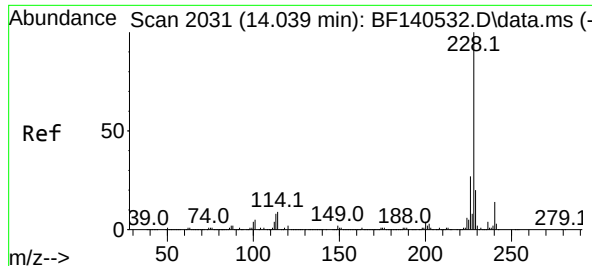
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#80
Butylbenzylphthalate
Concen: 20.835 ng
RT: 13.457 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

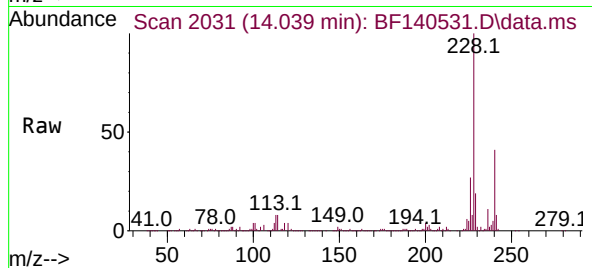
Tgt Ion:149 Resp: 156775
Ion Ratio Lower Upper
149 100
91 73.8 56.2 84.2
206 19.2 16.4 24.6





#81
Benzo(a)anthracene
Concen: 20.825 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

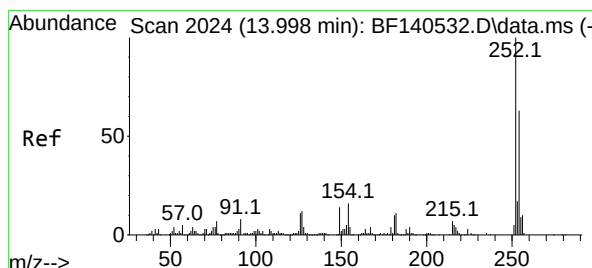
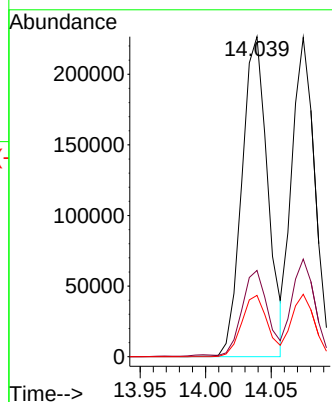
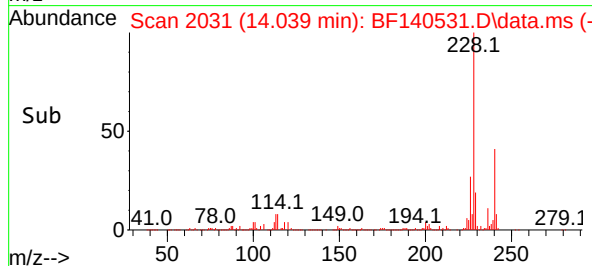
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 311410
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.2 15.8 23.6

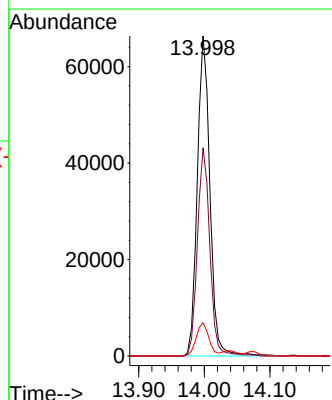
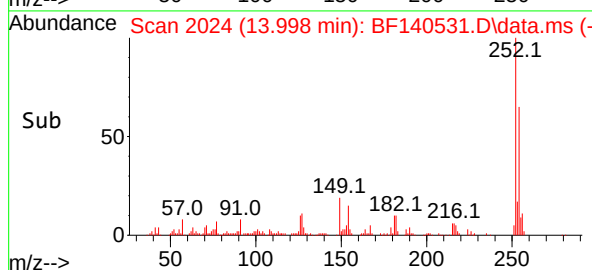
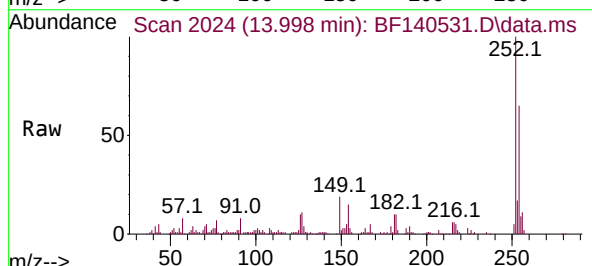
Manual Integrations
APPROVED

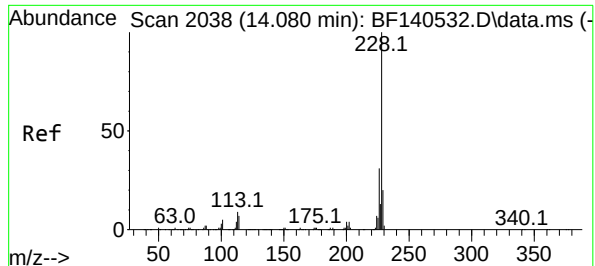
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 19.791 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

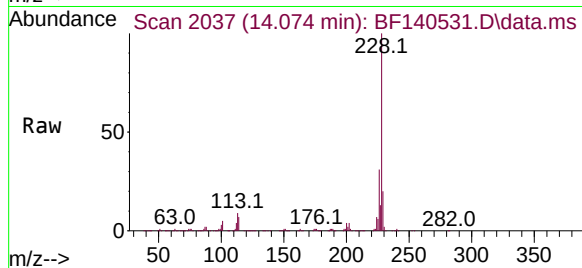
Tgt Ion:252 Resp: 88858
Ion Ratio Lower Upper
252 100
254 65.0 50.8 76.2
126 10.4 8.6 13.0





#83
Chrysene
Concen: 20.117 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

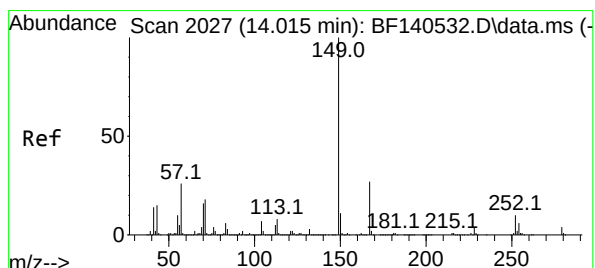
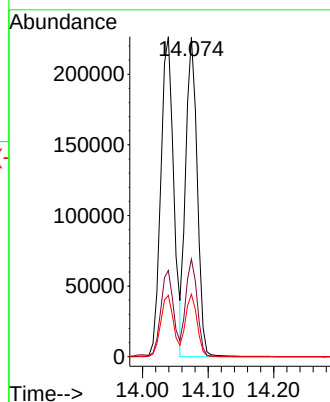
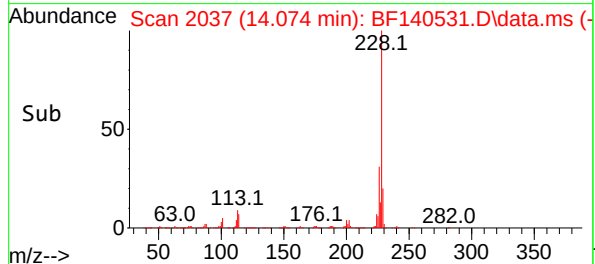
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 275068
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 19.6 15.8 23.6

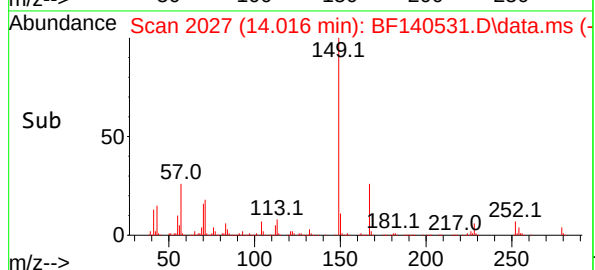
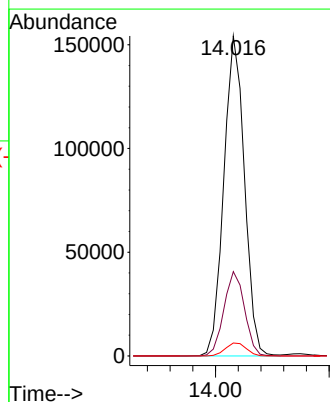
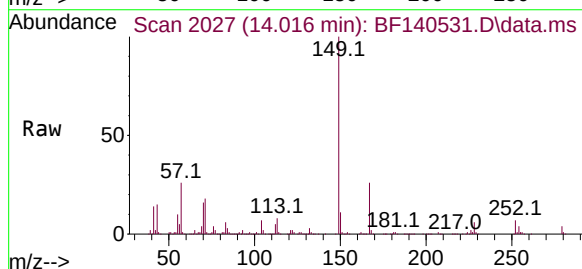
Manual Integrations
APPROVED

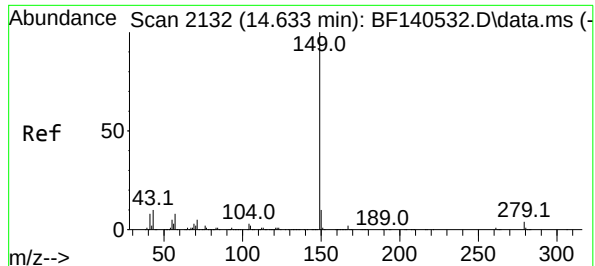
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.484 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

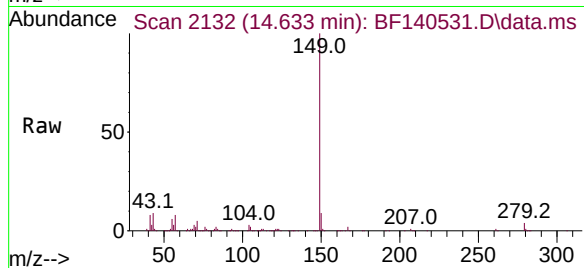
Tgt Ion:149 Resp: 194626
Ion Ratio Lower Upper
149 100
167 26.4 21.2 31.8
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 19.953 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

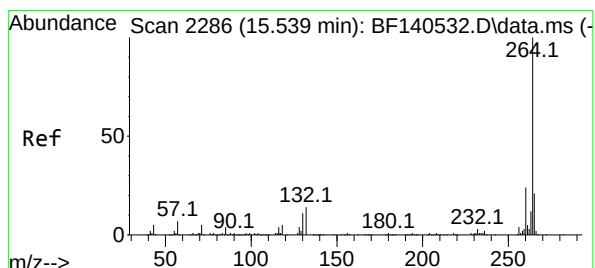
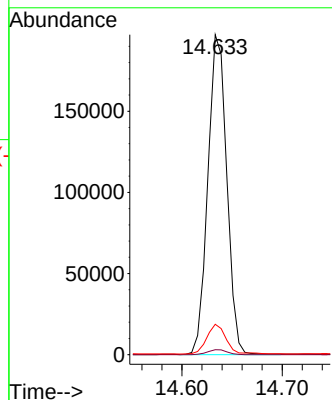
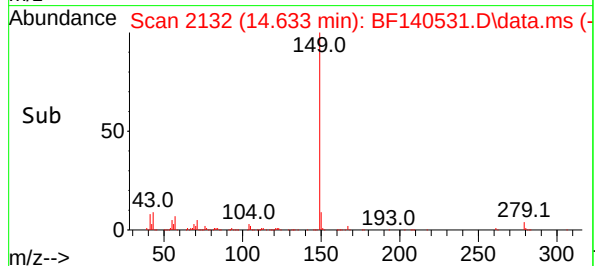
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 259088
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.4 7.7 11.5

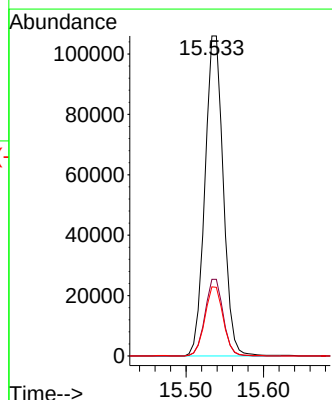
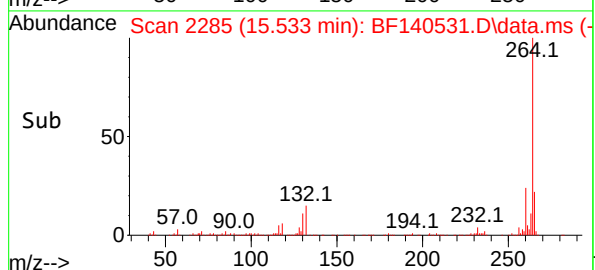
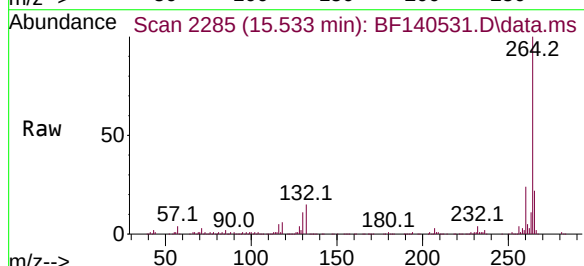
Manual Integrations
APPROVED

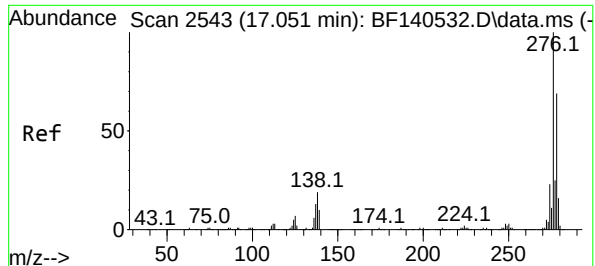
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:264 Resp: 173612
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.930 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 225489

Ion Ratio Lower Upper

276 100

138 19.6 15.5 23.3

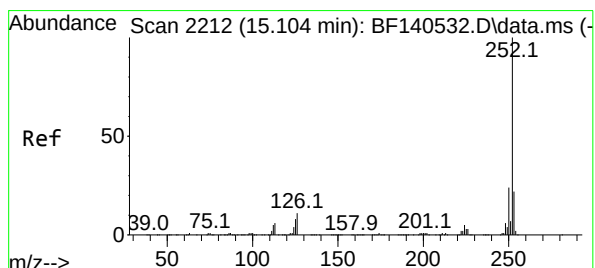
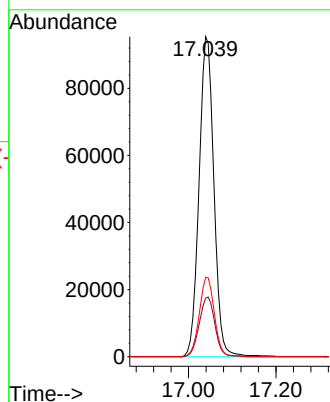
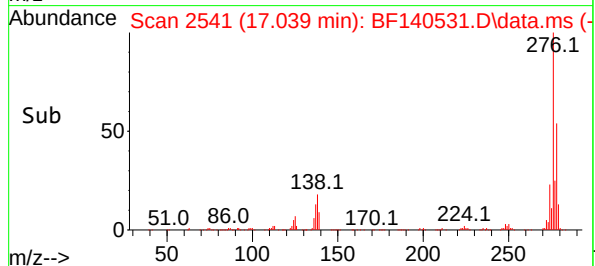
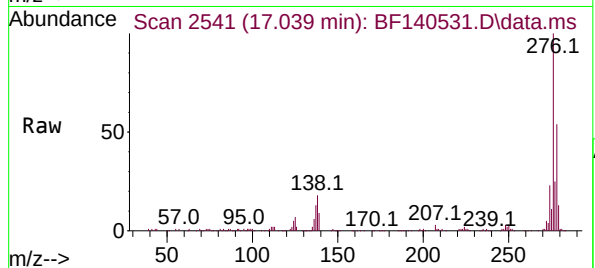
277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#88

Benzo(b)fluoranthene

Concen: 21.977 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

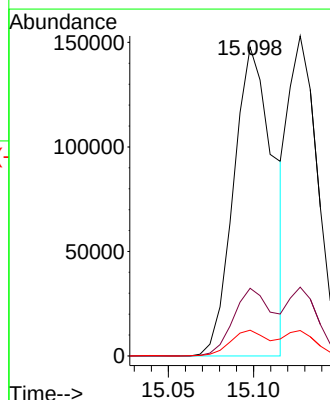
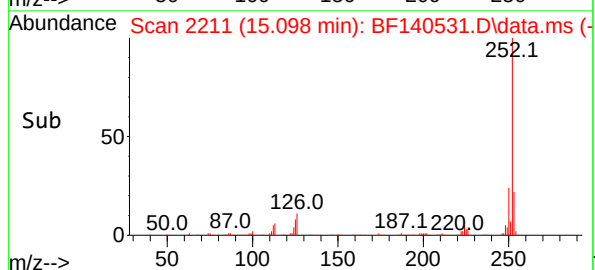
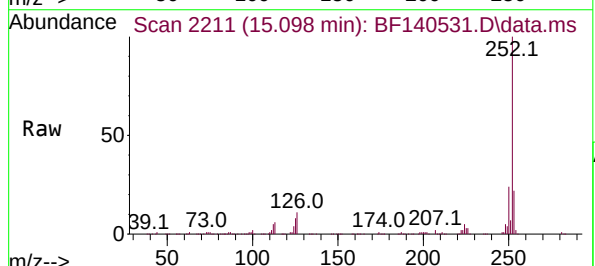
Tgt Ion:252 Resp: 239653

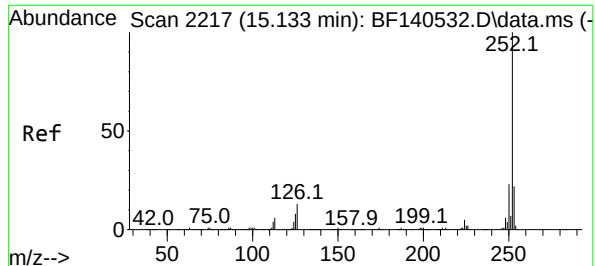
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 19.261 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 183799

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

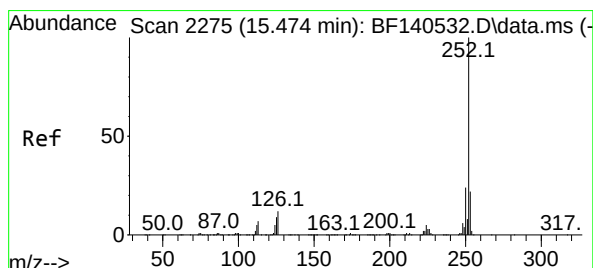
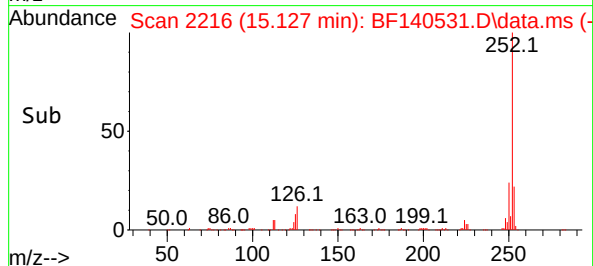
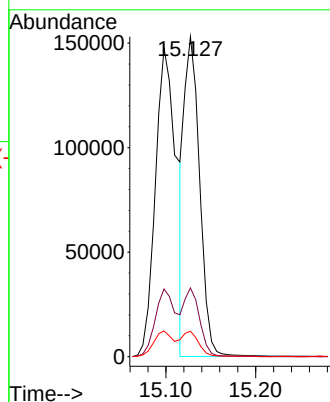
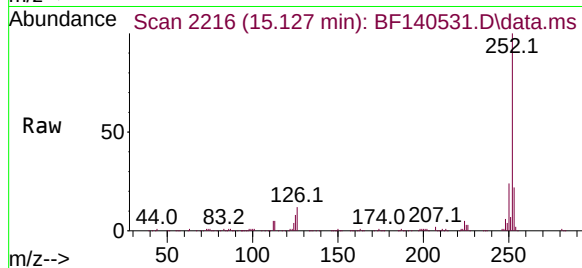
125 8.0 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 20.812 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

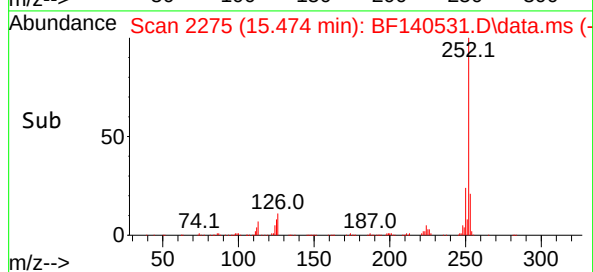
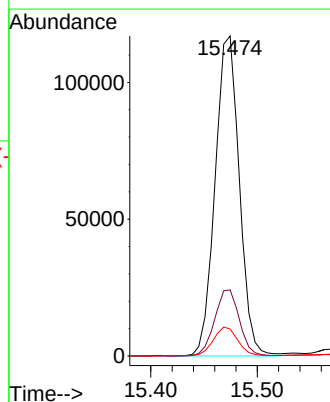
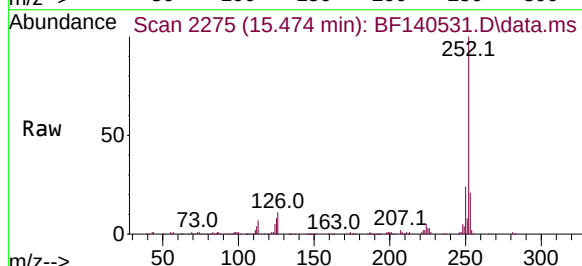
Tgt Ion:252 Resp: 184528

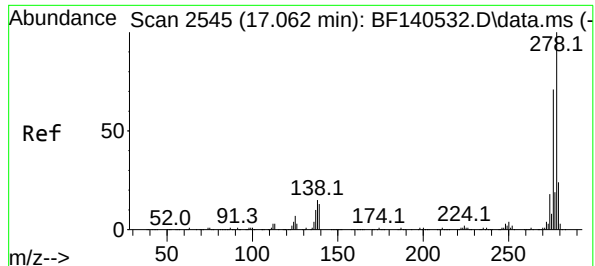
Ion Ratio Lower Upper

252 100

253 20.7 17.3 25.9

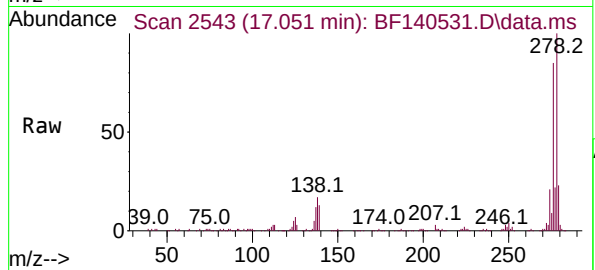
125 8.4 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 19.926 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

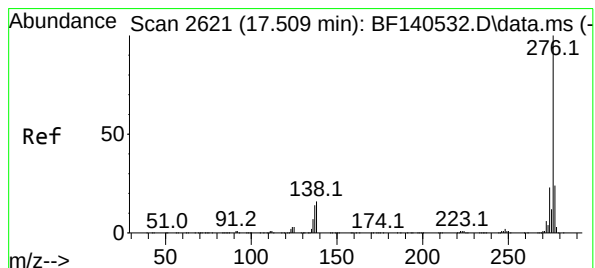
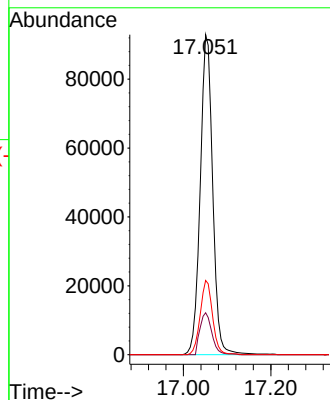
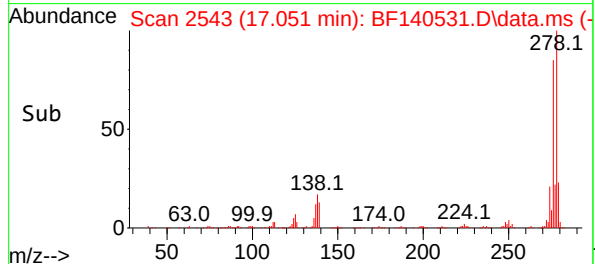
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 184632
Ion Ratio Lower Upper
278 100
139 13.1 10.2 15.4
279 23.2 18.9 28.3

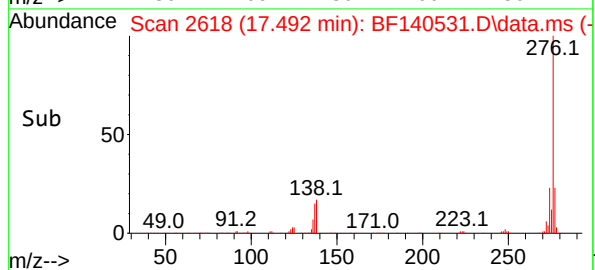
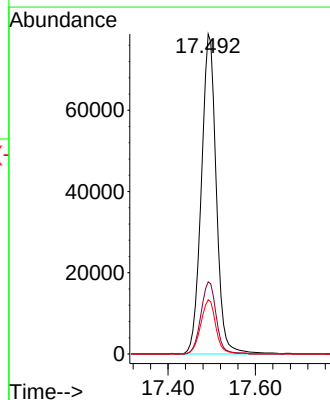
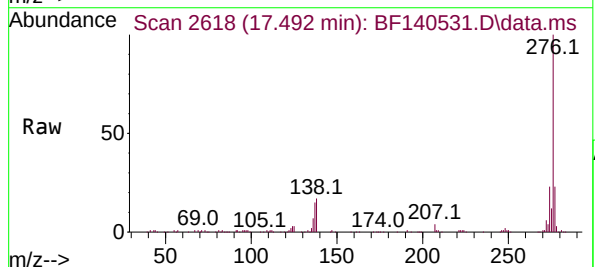
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 19.795 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.018 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:276 Resp: 187164
Ion Ratio Lower Upper
276 100
277 22.5 18.9 28.3
138 17.0 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140532.D
 Acq On : 21 Nov 2024 12:58
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 15:12:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	107516	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	413408	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	234407	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	437466	20.000	ng	0.00
76) Chrysene-d12	14.051	240	239343	20.000	ng	0.00
86) Perylene-d12	15.539	264	211422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	504816	80.111	ng	0.00
7) Phenol-d6	6.516	99	688812	82.684	ng	0.00
23) Nitrobenzene-d5	7.439	82	648845	80.281	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	202517	80.781	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1210929	76.969	ng	0.00
79) Terphenyl-d14	12.992	244	1228064	79.896	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	105183	39.700	ng	100
3) Pyridine	3.422	79	256255	43.959	ng	100
4) n-Nitrosodimethylamine	3.381	42	139435	40.698	ng	100
6) Aniline	6.540	93	268994	45.875	ng	100
8) 2-Chlorophenol	6.663	128	275937	40.702	ng	100
9) Benzaldehyde	6.428	77	158653	35.975	ng	100
10) Phenol	6.528	94	358490	42.137	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	267847	41.142	ng	100
12) 1,3-Dichlorobenzene	6.816	146	300744	39.480	ng	100
13) 1,4-Dichlorobenzene	6.892	146	307112	39.817	ng	100
14) 1,2-Dichlorobenzene	7.045	146	291347	40.311	ng	100
15) Benzyl Alcohol	7.016	79	263144	42.594	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	314582	40.901	ng	100
17) 2-Methylphenol	7.134	107	223977	41.272	ng	100
18) Hexachloroethane	7.387	117	115481	40.087	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	203356	41.304	ng	100
20) 3+4-Methylphenols	7.287	107	289597	41.517	ng	100
22) Acetophenone	7.287	105	397747	39.464	ng	100
24) Nitrobenzene	7.457	77	331927	39.736	ng	100
25) Isophorone	7.698	82	546985	40.576	ng	100
26) 2-Nitrophenol	7.775	139	149133	40.287	ng	100
27) 2,4-Dimethylphenol	7.810	122	185514	41.885	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	328053	39.946	ng	100
29) 2,4-Dichlorophenol	8.016	162	233140	39.725	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	261862	39.078	ng	100
31) Naphthalene	8.181	128	837233	39.318	ng	100
32) Benzoic acid	7.939	122	146245	39.450	ng	100
33) 4-Chloroaniline	8.228	127	268662	42.139	ng	100
34) Hexachlorobutadiene	8.292	225	175198	39.473	ng	100
35) Caprolactam	8.604	113	74771	41.168	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	270395	41.150	ng	100
37) 2-Methylnaphthalene	8.869	142	537039	39.707	ng	100
38) 1-Methylnaphthalene	8.969	142	527387	39.781	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	263939	38.462	ng	100
41) Hexachlorocyclopentadiene	9.016	237	53531	38.833	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	171374	39.799	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140532.D
 Acq On : 21 Nov 2024 12:58
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 15:12:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	189287	40.504	ng	100
46) 1,1'-Biphenyl	9.333	154	678172	38.750	ng	100
47) 2-Chloronaphthalene	9.357	162	518320	39.086	ng	100
48) 2-Nitroaniline	9.457	65	172005	40.410	ng	100
49) Acenaphthylene	9.775	152	779390	38.899	ng	100
50) Dimethylphthalate	9.633	163	608948	39.445	ng	100
51) 2,6-Dinitrotoluene	9.698	165	140922	40.249	ng	100
52) Acenaphthene	9.945	154	498119m	38.394	ng	
53) 3-Nitroaniline	9.869	138	140859	41.134	ng	100
54) 2,4-Dinitrophenol	9.980	184	65546	40.435	ng	100
55) Dibenzofuran	10.122	168	760308	39.153	ng	100
56) 4-Nitrophenol	10.039	139	97133	41.591	ng	100
57) 2,4-Dinitrotoluene	10.104	165	189213	40.662	ng	100
58) Fluorene	10.463	166	607198	38.956	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	146383	40.757	ng	100
60) Diethylphthalate	10.333	149	614490	39.176	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	299662	39.175	ng	100
62) 4-Nitroaniline	10.486	138	146354	40.750	ng	100
63) Azobenzene	10.616	77	579042	38.983	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	96120	42.998	ng	100
66) n-Nitrosodiphenylamine	10.575	169	505450	39.070	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	174746	38.787	ng	100
68) Hexachlorobenzene	11.016	284	204123	39.129	ng	100
69) Atrazine	11.098	200	122413	33.635	ng	100
70) Pentachlorophenol	11.210	266	101542	44.226	ng	100
71) Phenanthrene	11.427	178	826269	39.293	ng	100
72) Anthracene	11.480	178	808988	39.329	ng	100
73) Carbazole	11.639	167	778112	39.322	ng	100
74) Di-n-butylphthalate	11.957	149	895236	39.186	ng	100
75) Fluoranthene	12.621	202	886900	38.845	ng	100
77) Benzidine	12.739	184	275047	39.525	ng	100
78) Pyrene	12.851	202	887193	40.090	ng	100
80) Butylbenzylphthalate	13.463	149	324879	40.751	ng	100
81) Benzo(a)anthracene	14.039	228	615808	38.868	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	197667	41.554	ng	100
83) Chrysene	14.080	228	575079	39.696	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	398677	39.604	ng	100
85) Di-n-octyl phthalate	14.633	149	541933	39.393	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	551596	40.034	ng	100
88) Benzo(b)fluoranthene	15.104	252	501607	37.772	ng	100
89) Benzo(k)fluoranthene	15.133	252	465620	40.067	ng	100
90) Benzo(a)pyrene	15.474	252	425894	39.444	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	451597	40.022	ng	100
92) Benzo(g,h,i)perylene	17.509	276	458972	39.861	ng	100

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

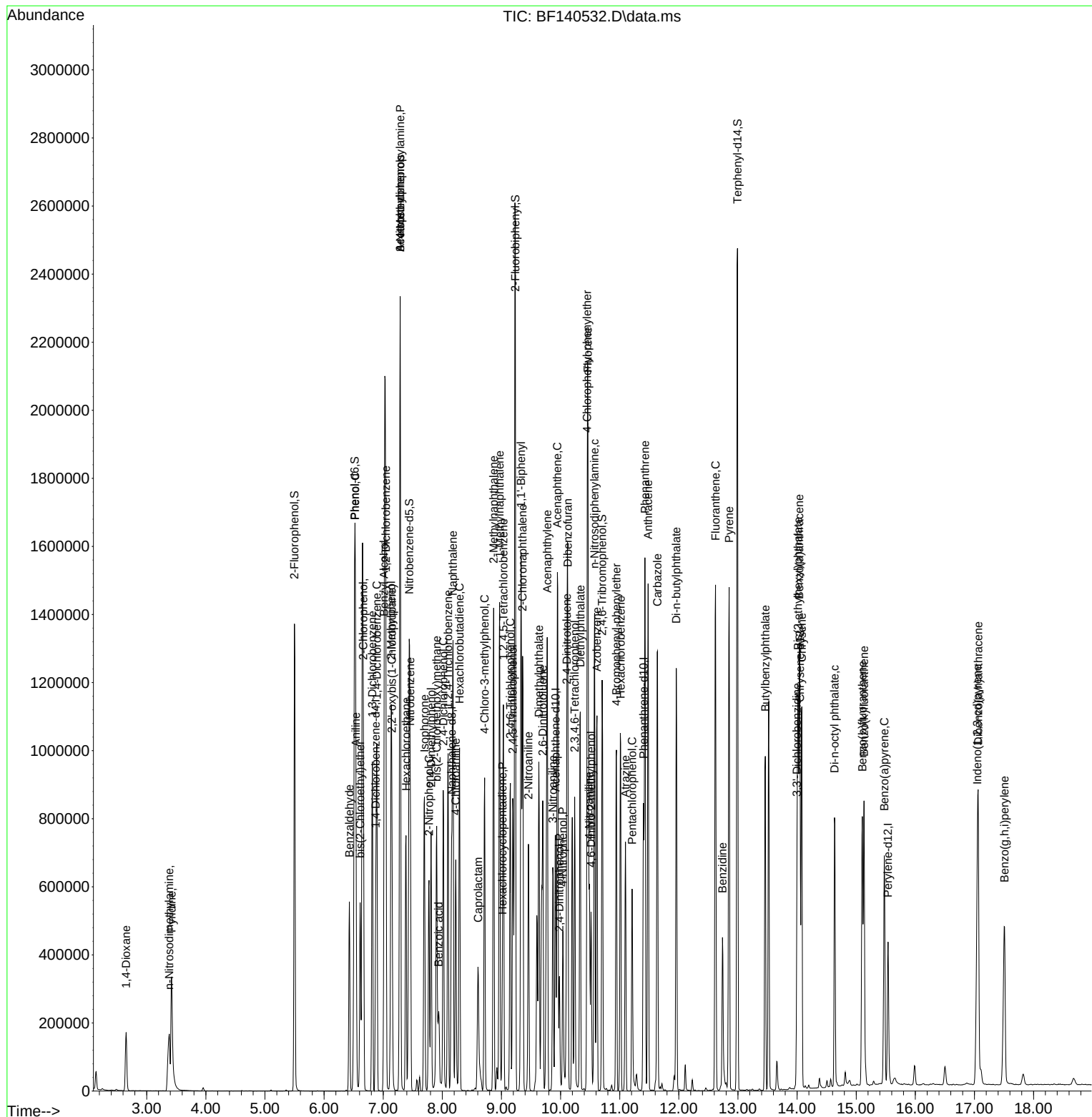
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140532.D
Acq On : 21 Nov 2024 12:58
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

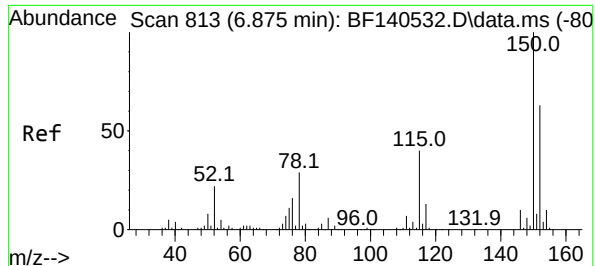
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

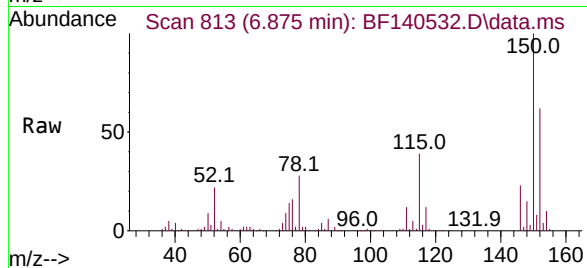
Quant Time: Nov 21 15:12:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

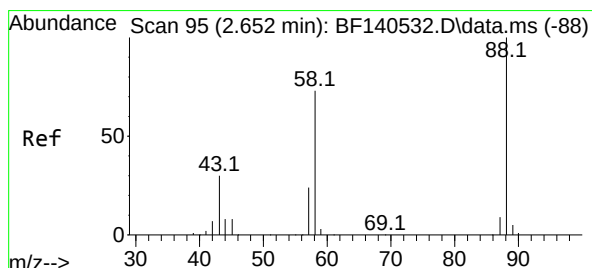
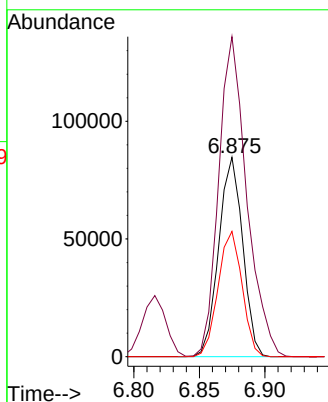
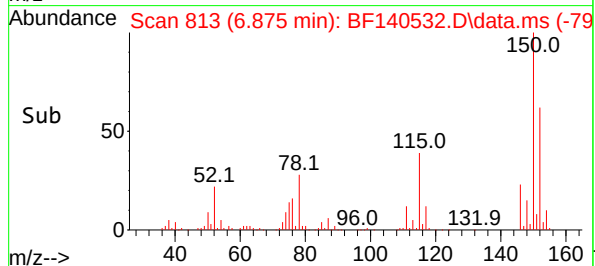
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 107510
Ion Ratio Lower Upper
152 100
150 160.6 128.5 192.7
115 62.8 50.2 75.4

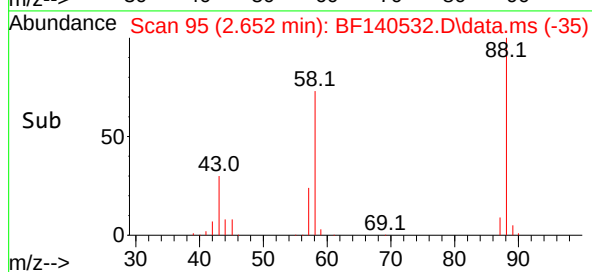
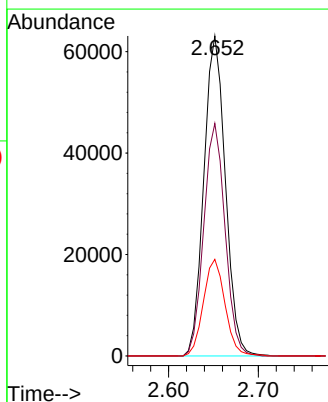
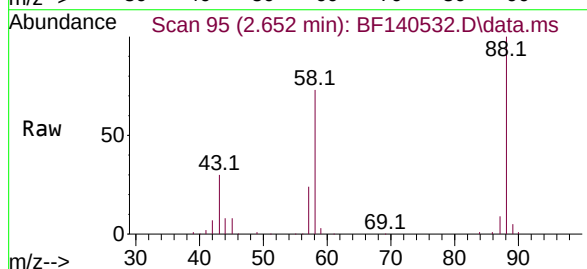
Manual Integrations
APPROVED

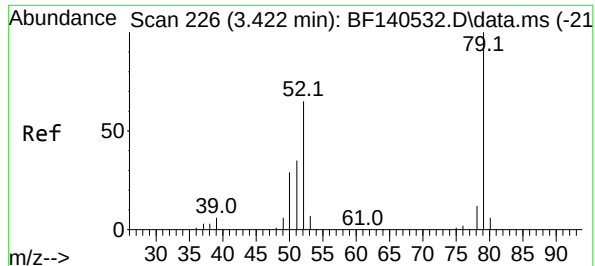
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 39.700 ng
RT: 2.652 min Scan# 95
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion: 88 Resp: 105183
Ion Ratio Lower Upper
88 100
58 71.8 57.4 86.2
43 30.4 24.3 36.5





#3

Pyridine

Concen: 43.959 ng

RT: 3.422 min Scan# 219

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 25625

Ion Ratio Lower Upper

79 100

52 65.1 52.1 78.1

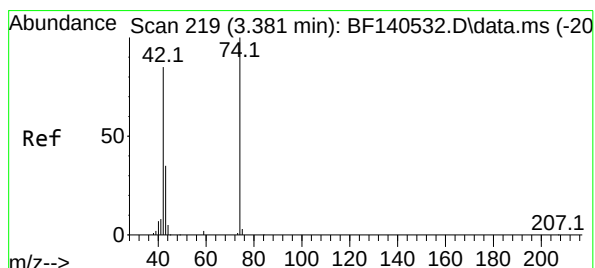
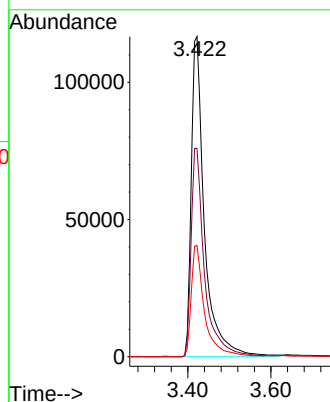
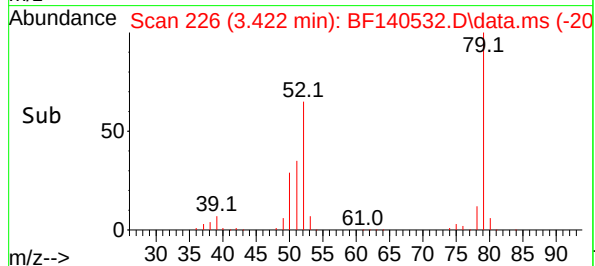
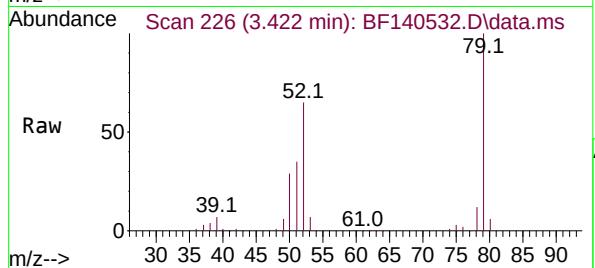
51 34.8 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 40.698 ng

RT: 3.381 min Scan# 219

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

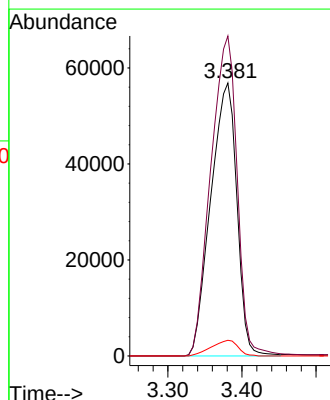
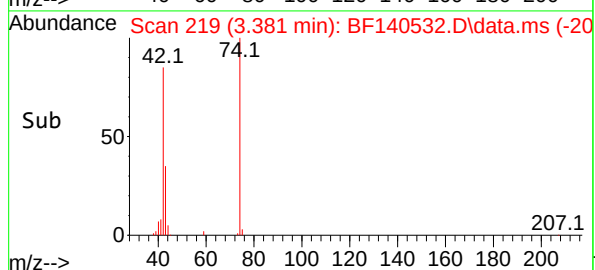
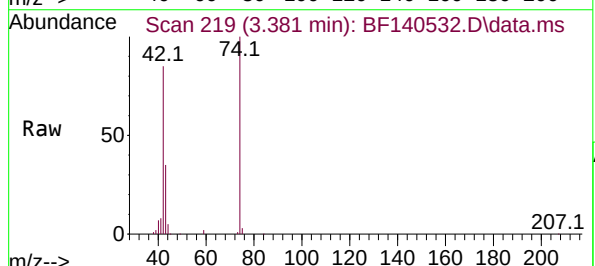
Tgt Ion: 42 Resp: 139435

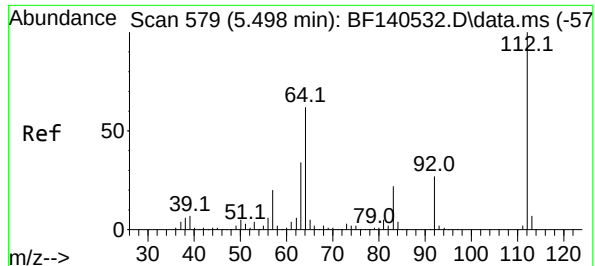
Ion Ratio Lower Upper

42 100

74 117.2 93.8 140.6

44 5.7 4.6 6.8





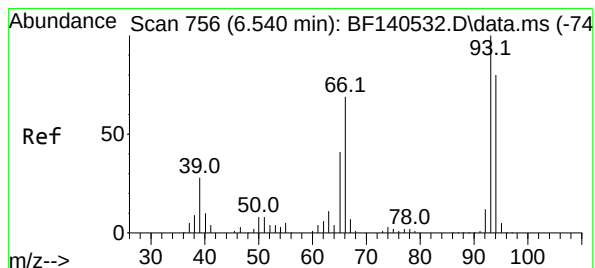
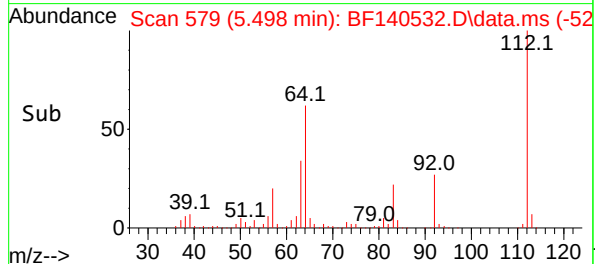
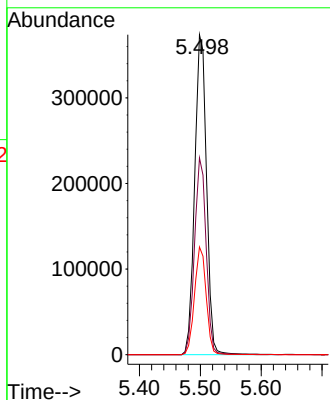
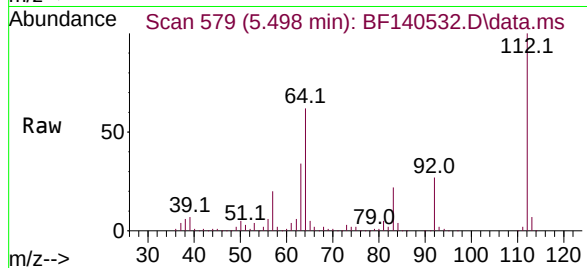
#5
2-Fluorophenol
Concen: 80.111 ng
RT: 5.498 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 504810
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 33.7 27.0 40.4

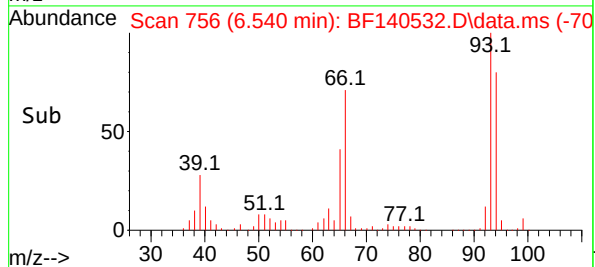
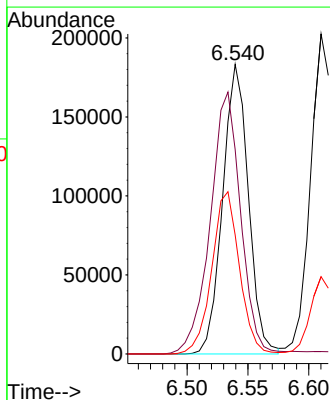
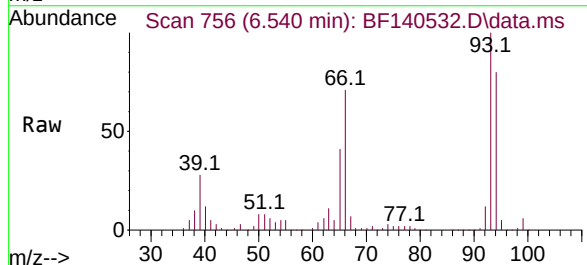
Manual Integrations
APPROVED

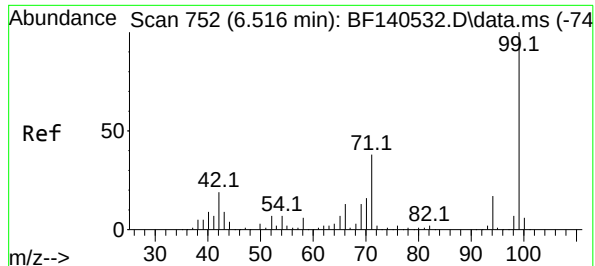
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 45.875 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion: 93 Resp: 268994
Ion Ratio Lower Upper
93 100
66 70.6 56.5 84.7
65 41.1 32.9 49.3





#7

Phenol-d6

Concen: 82.684 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 68881

Ion Ratio Lower Upper

99 100

42 19.2 15.4 23.0

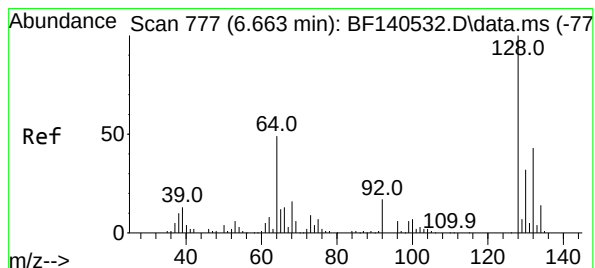
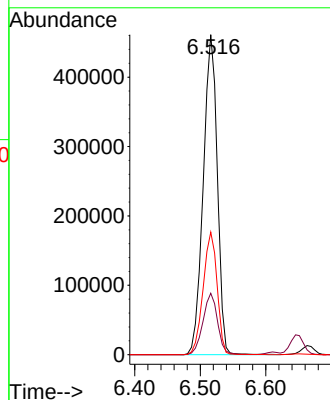
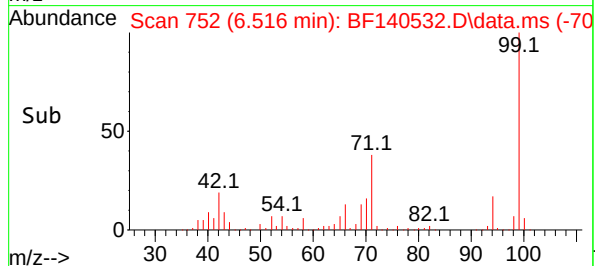
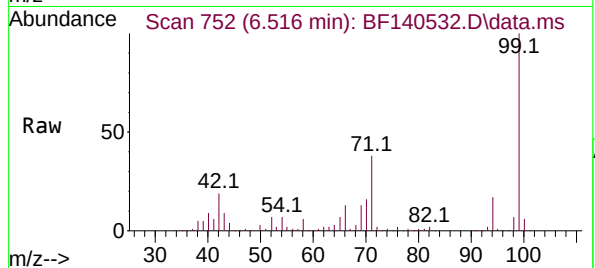
71 38.3 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#8

2-Chlorophenol

Concen: 40.702 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

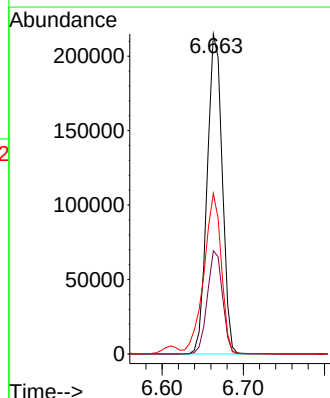
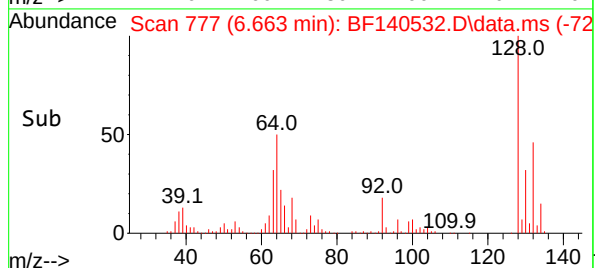
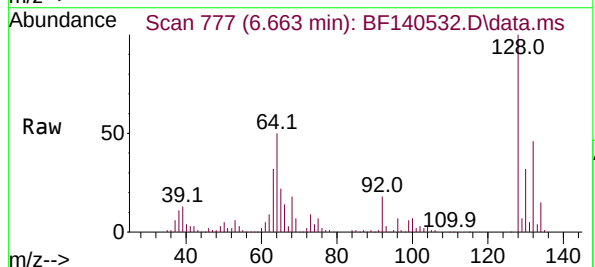
Tgt Ion:128 Resp: 275937

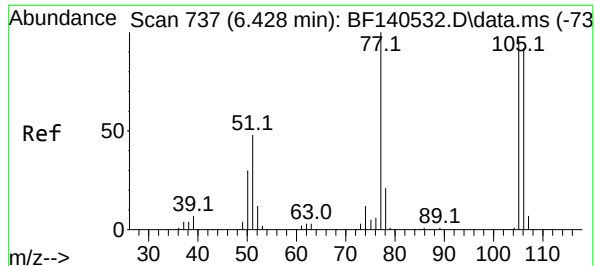
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 50.2 30.2 70.2





#9

Benzaldehyde

Concen: 35.975 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 15865

Ion Ratio Lower Upper

77 100

105 95.6 75.6 115.6

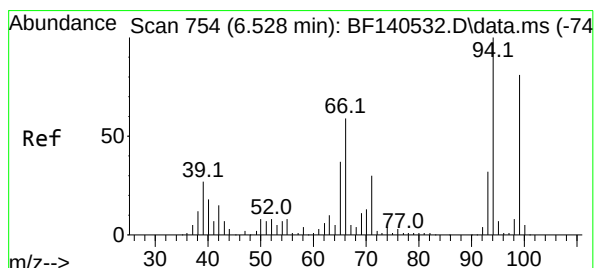
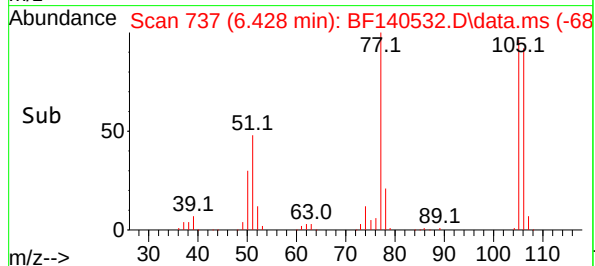
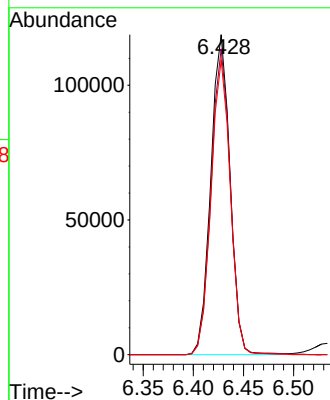
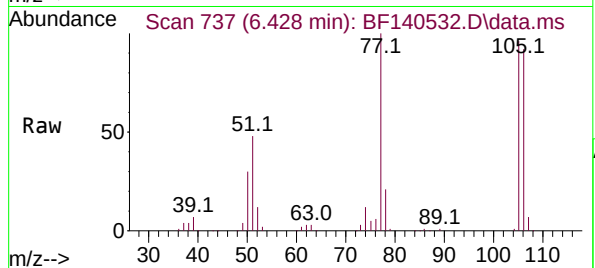
106 92.0 72.0 112.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#10

Phenol

Concen: 42.137 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

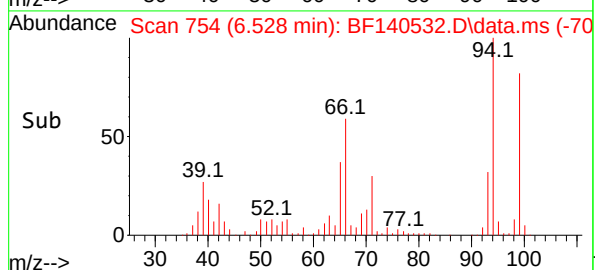
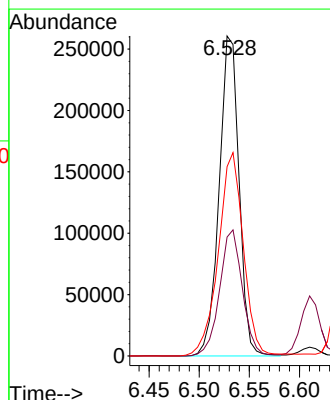
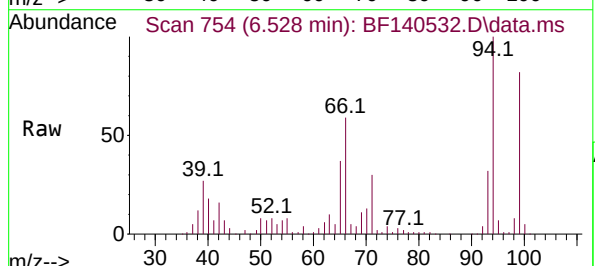
Tgt Ion: 94 Resp: 358490

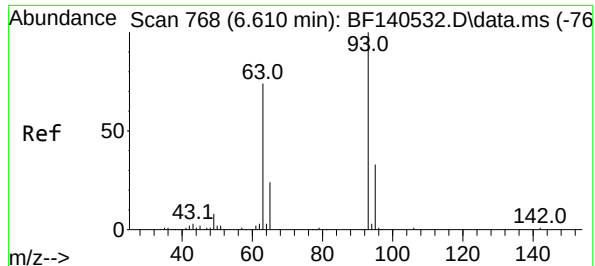
Ion Ratio Lower Upper

94 100

65 37.2 17.2 57.2

66 59.2 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 41.142 ng

RT: 6.610 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 26784

Ion Ratio Lower Upper

93 100

63 72.8 52.8 92.8

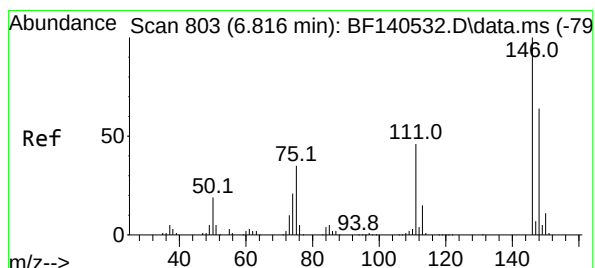
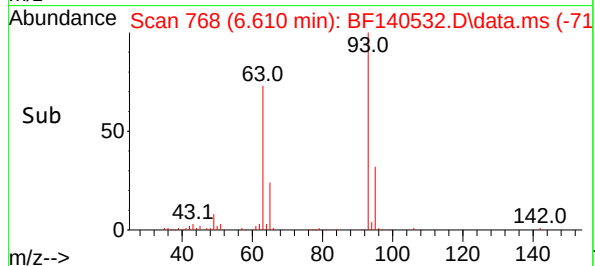
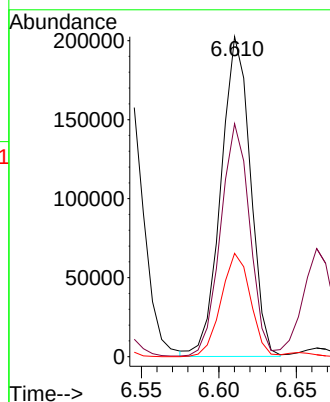
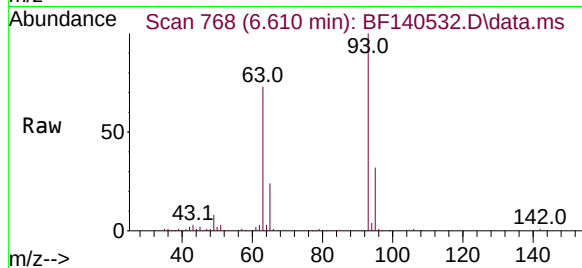
95 32.3 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#12

1,3-Dichlorobenzene

Concen: 39.480 ng

RT: 6.816 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

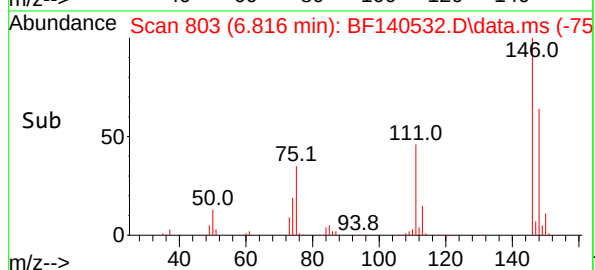
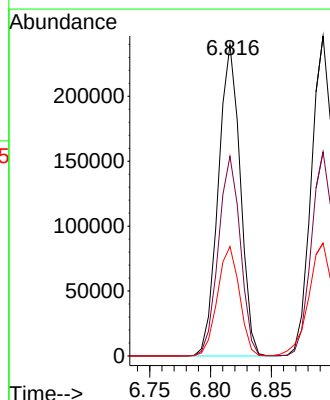
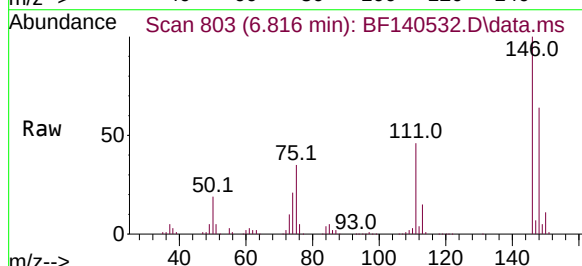
Tgt Ion:146 Resp: 300744

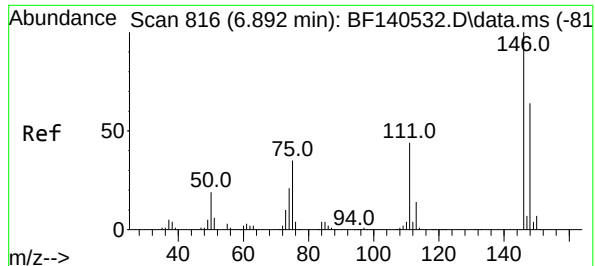
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

75 35.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.817 ng

RT: 6.892 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 30711

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

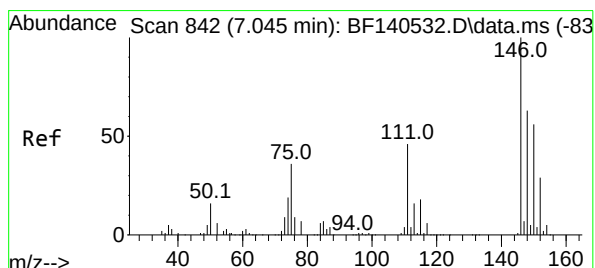
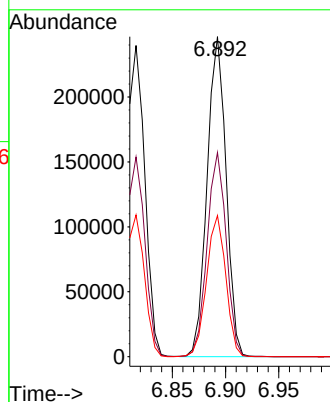
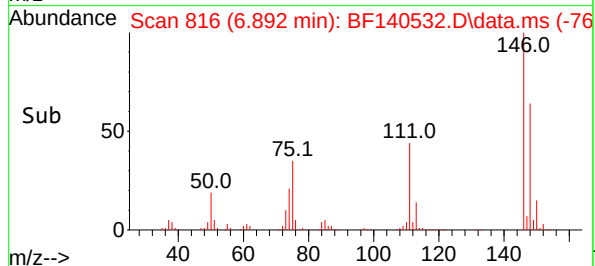
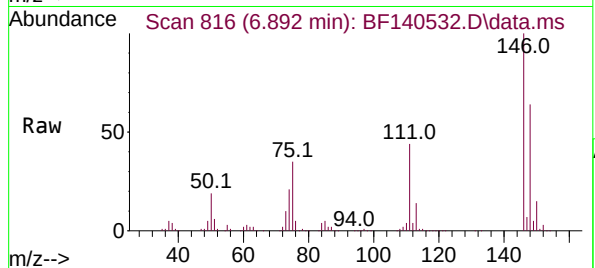
111 44.1 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#14

1,2-Dichlorobenzene

Concen: 40.311 ng

RT: 7.045 min Scan# 842

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

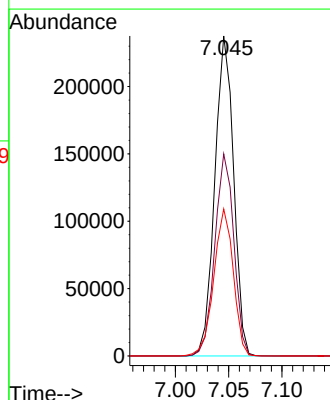
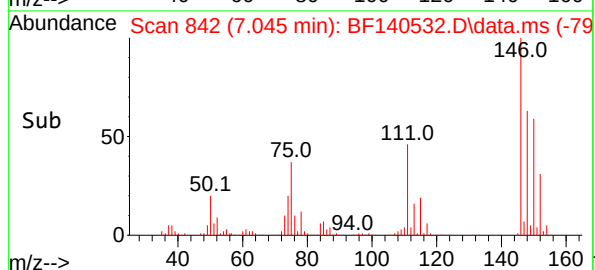
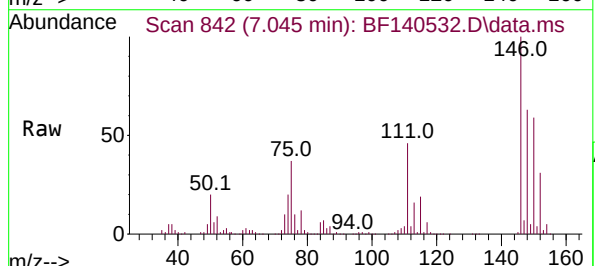
Tgt Ion:146 Resp: 291347

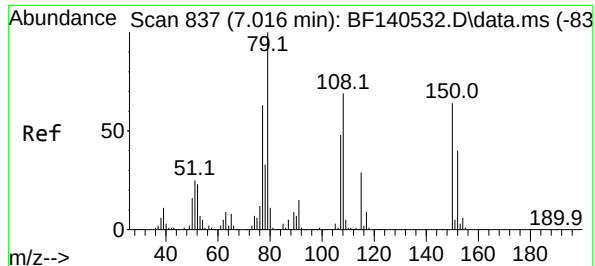
Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 45.9 36.7 55.1





#15

Benzyl Alcohol

Concen: 42.594 ng

RT: 7.016 min Scan# 837

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 263144

Ion Ratio Lower Upper

79 100

108 68.8 55.0 82.6

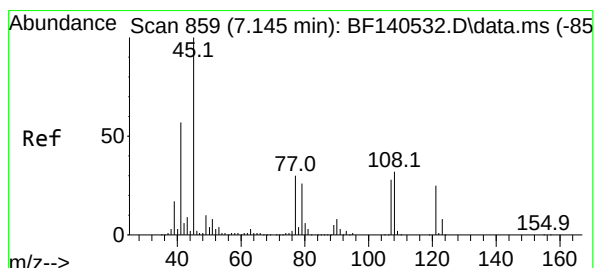
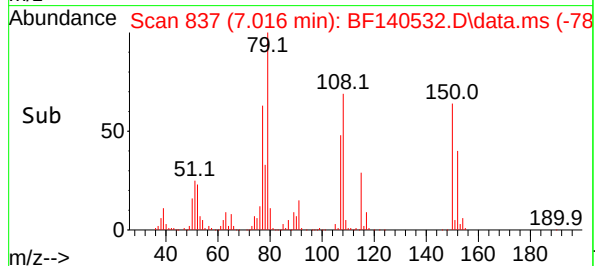
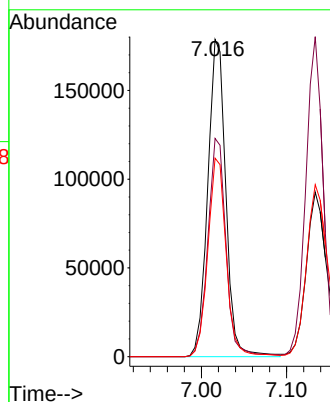
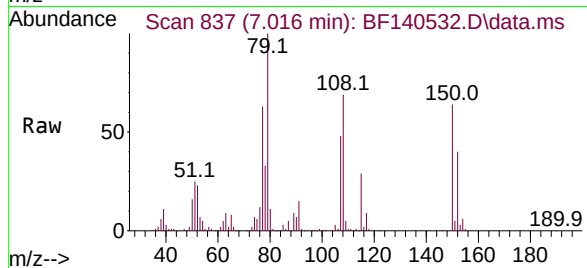
77 62.6 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.901 ng

RT: 7.145 min Scan# 859

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

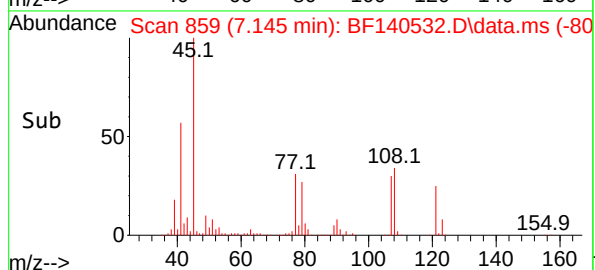
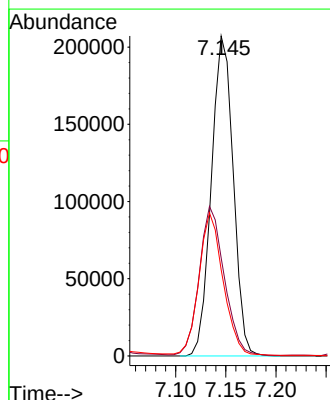
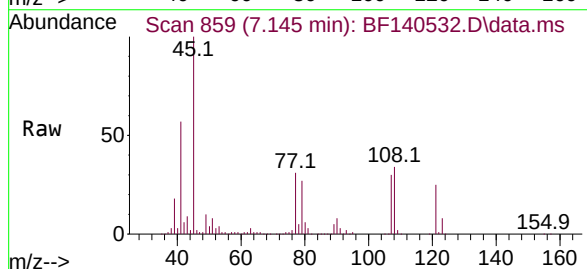
Tgt Ion: 45 Resp: 314582

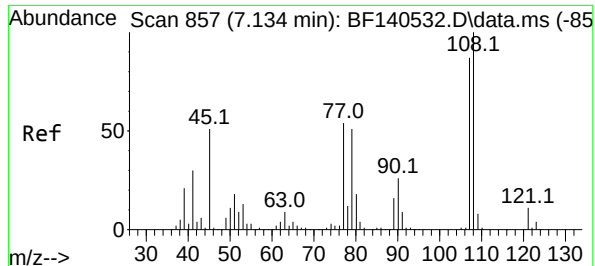
Ion Ratio Lower Upper

45 100

77 30.7 10.7 50.7

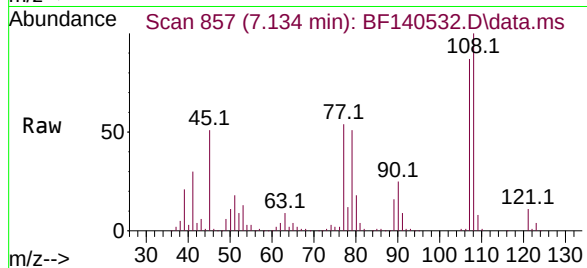
79 27.0 7.0 47.0





#17
2-Methylphenol
Concen: 41.272 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

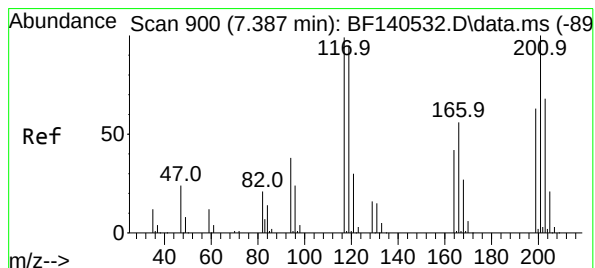
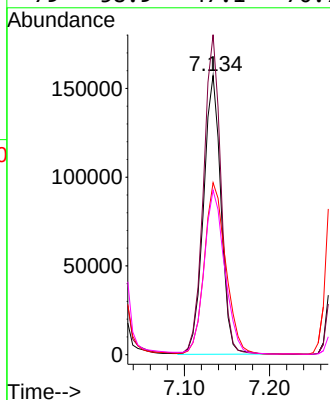
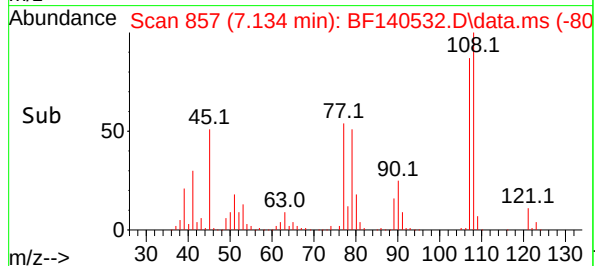
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



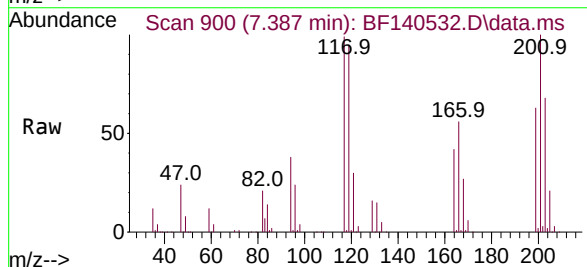
Tgt Ion:107 Resp: 22397
Ion Ratio Lower Upper
107 100
108 114.6 91.7 137.5
77 61.6 49.3 73.9
79 58.9 47.1 70.7

Manual Integrations
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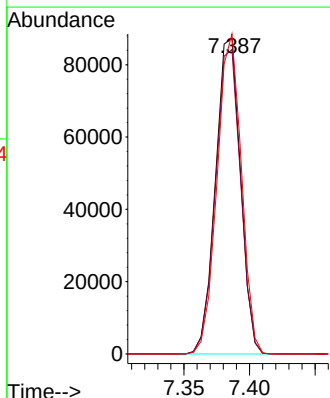
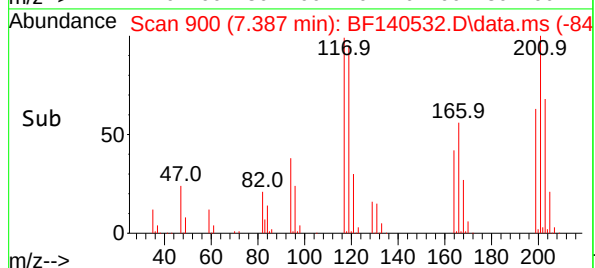
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

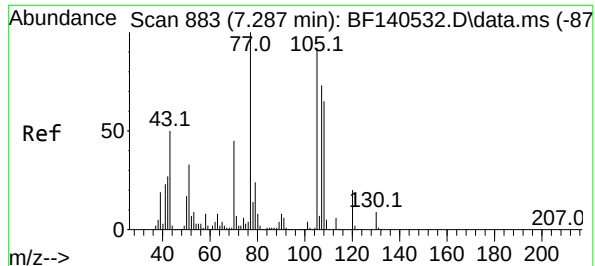


#18
Hexachloroethane
Concen: 40.087 ng
RT: 7.387 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58



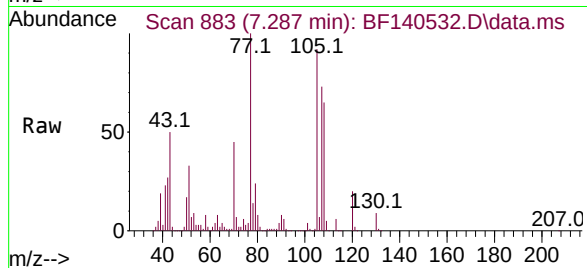
Tgt Ion:117 Resp: 115481
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7
201 101.4 81.1 121.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.304 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

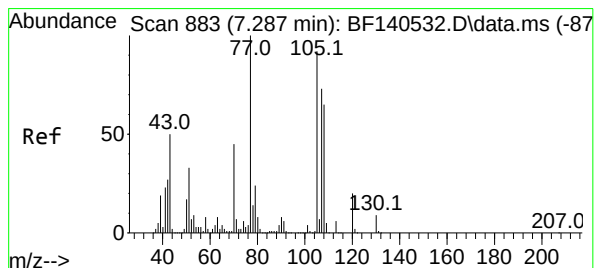
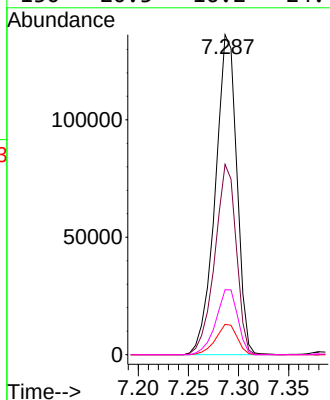
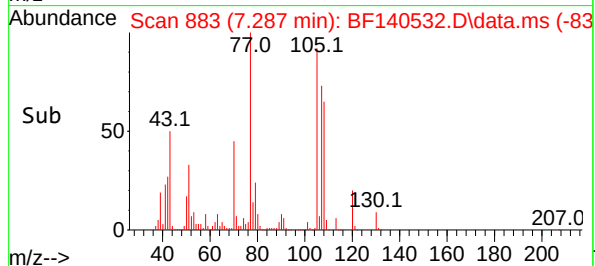
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 70 Resp: 203350
Ion Ratio Lower Upper
70 100
42 59.5 47.6 71.4
101 9.5 7.6 11.4
130 20.3 16.2 24.4

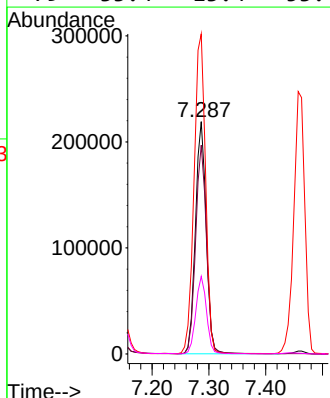
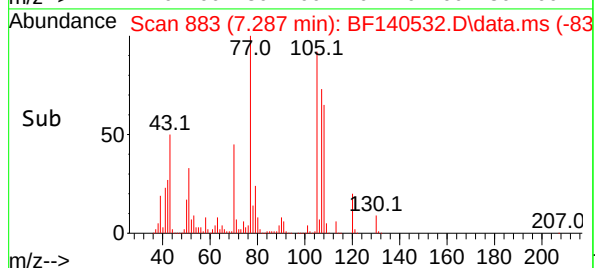
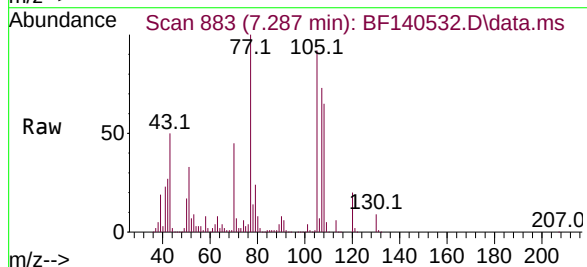
Manual Integrations
APPROVED

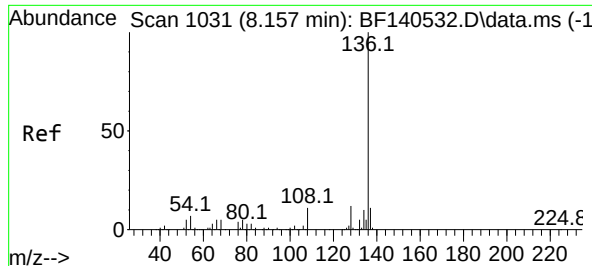
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#20
3+4-Methylphenols
Concen: 41.517 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

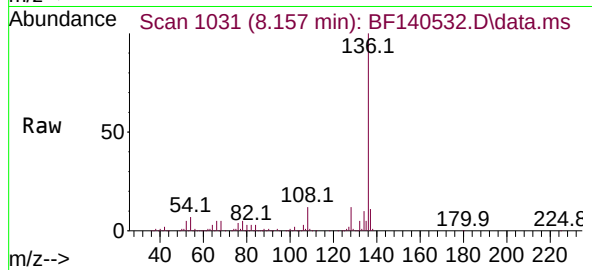
Tgt Ion:107 Resp: 289597
Ion Ratio Lower Upper
107 100
108 89.9 69.9 109.9
77 137.7 117.7 157.7
79 33.4 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

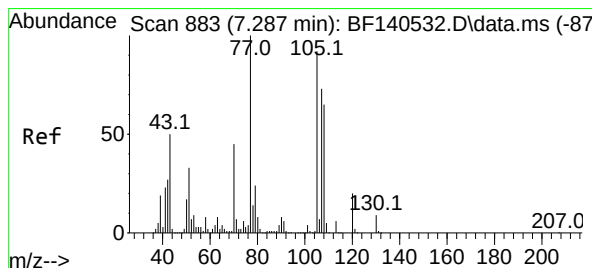
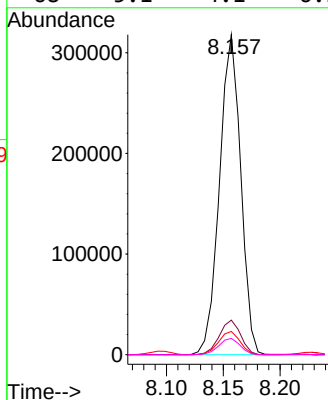
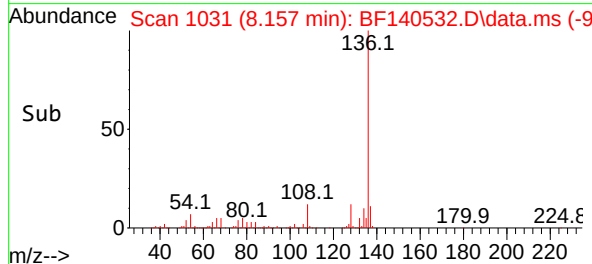
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 413408
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.3 5.8 8.8
68 5.1 4.1 6.1

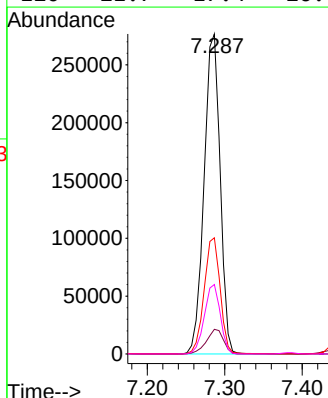
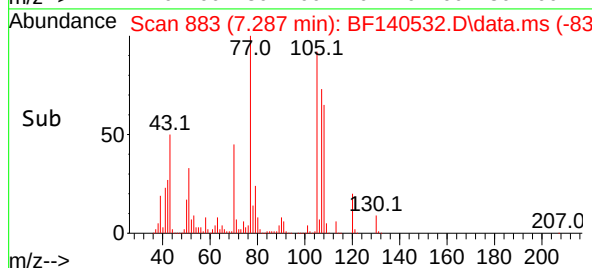
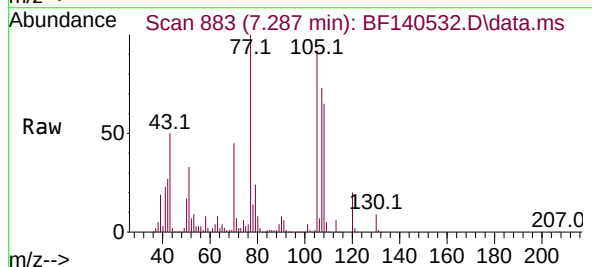
Manual Integrations
APPROVED

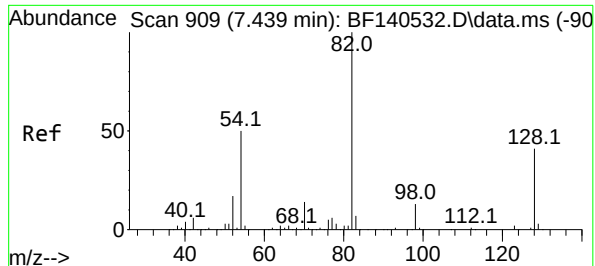
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 39.464 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:105 Resp: 397747
Ion Ratio Lower Upper
105 100
71 7.7 6.2 9.2
51 36.3 29.0 43.6
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 80.281 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

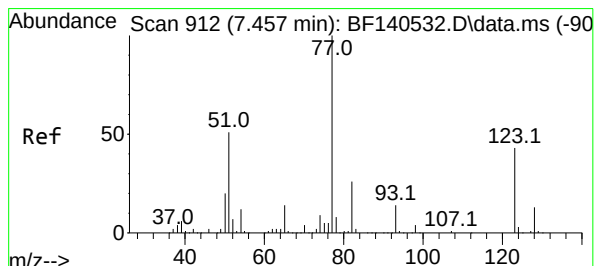
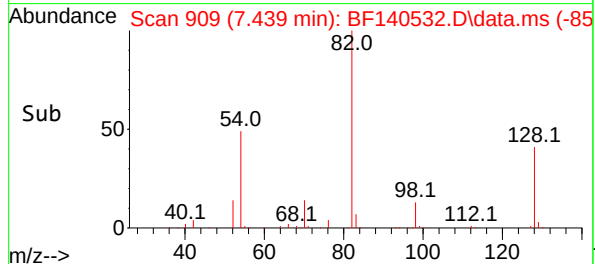
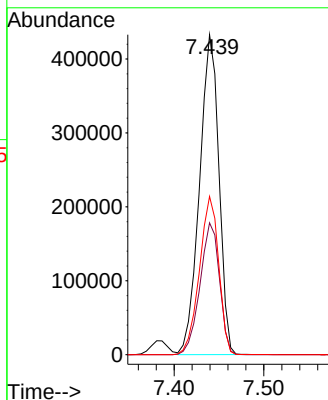
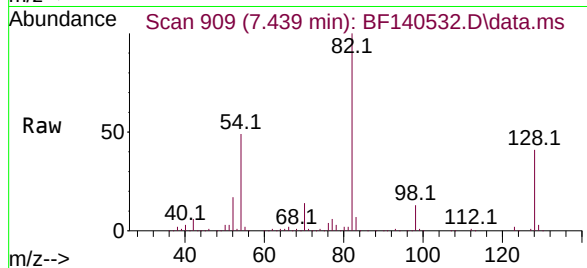
Tgt Ion: 82 Resp: 64884

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	49.4	39.5	59.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 39.736 ng

RT: 7.457 min Scan# 912

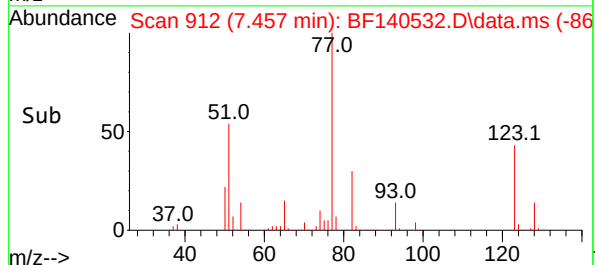
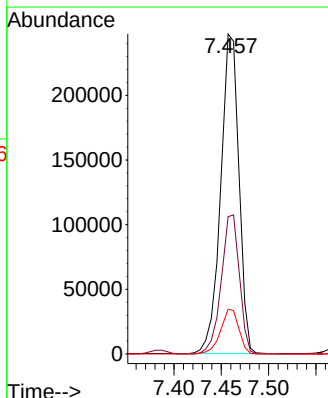
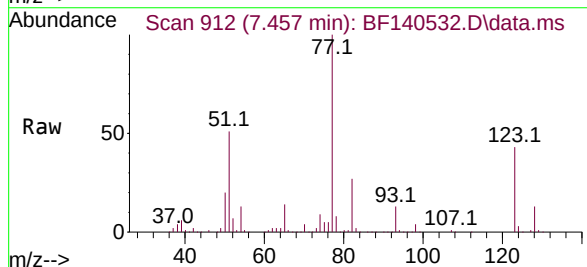
Delta R.T. 0.000 min

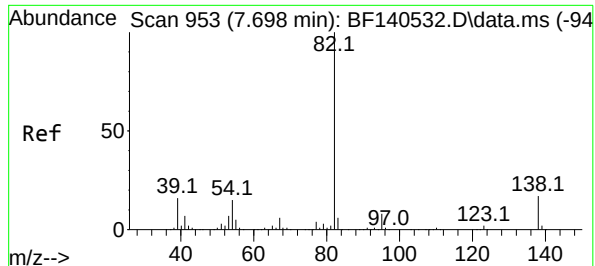
Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Tgt Ion: 77 Resp: 331927

Ion	Ratio	Lower	Upper
77	100		
123	42.9	34.3	51.5
65	14.0	11.2	16.8





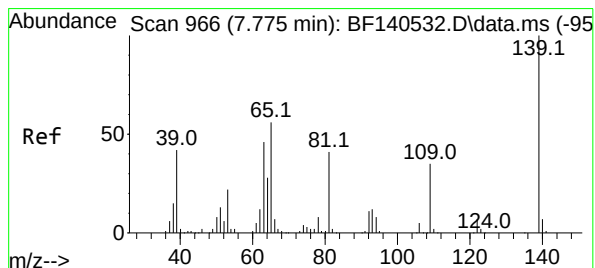
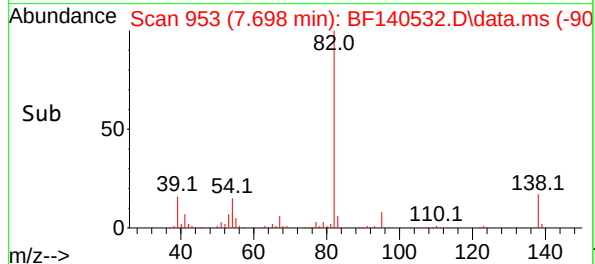
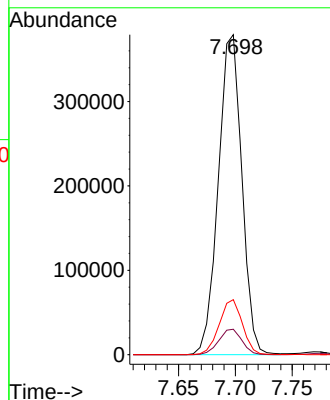
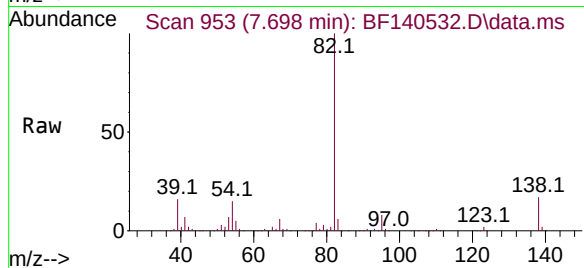
#25
Isophorone
Concen: 40.576 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
Client Sample Id :
SSTDICCC040

Tgt Ion: 82 Resp: 54698
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.2 13.8 20.6

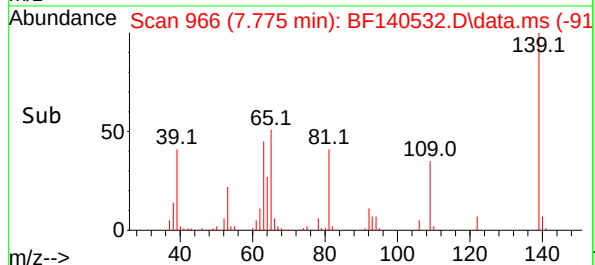
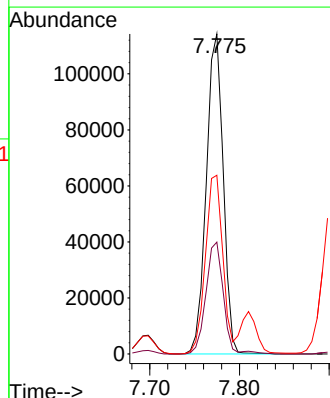
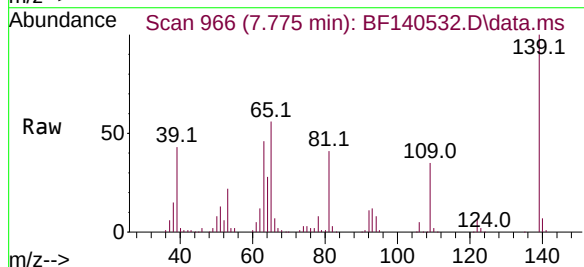
Manual Integrations
APPROVED

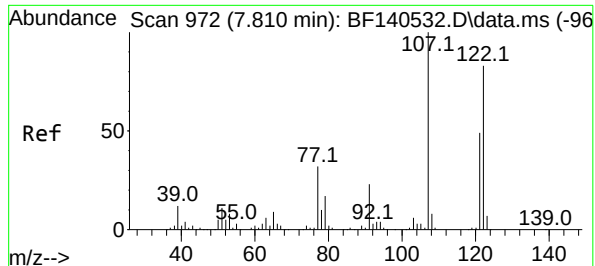
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 40.287 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:139 Resp: 149133
Ion Ratio Lower Upper
139 100
109 35.0 28.0 42.0
65 55.8 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 41.885 ng

RT: 7.810 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 185514

Ion Ratio Lower Upper

122 100

107 121.0 96.8 145.2

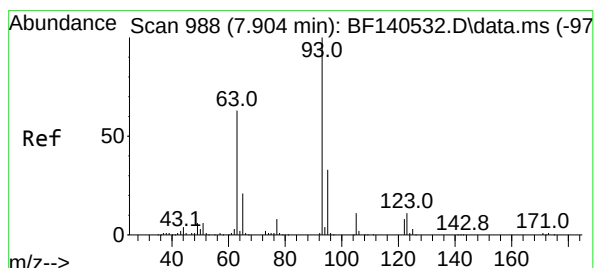
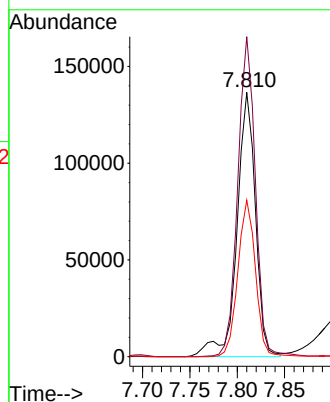
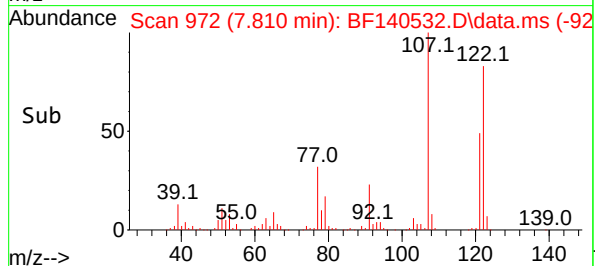
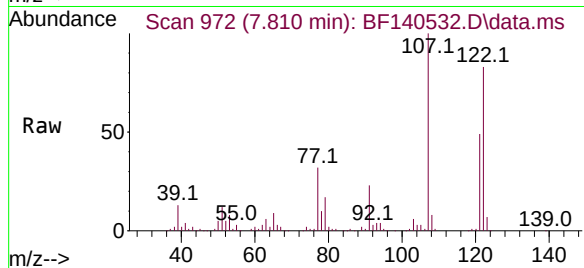
121 59.2 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.946 ng

RT: 7.904 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

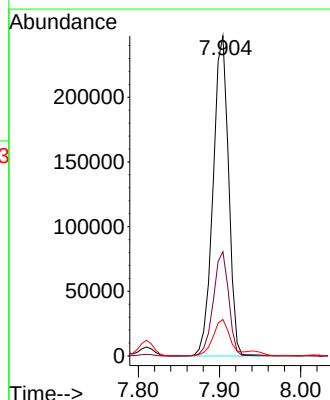
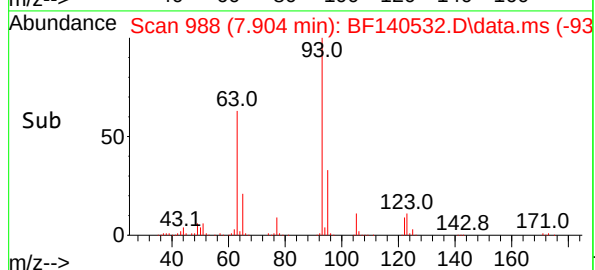
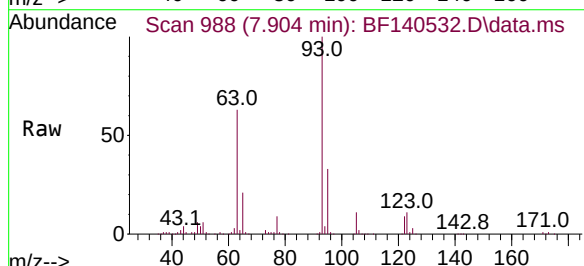
Tgt Ion: 93 Resp: 328053

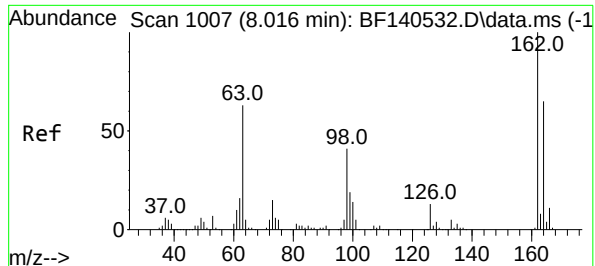
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.725 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140532.D

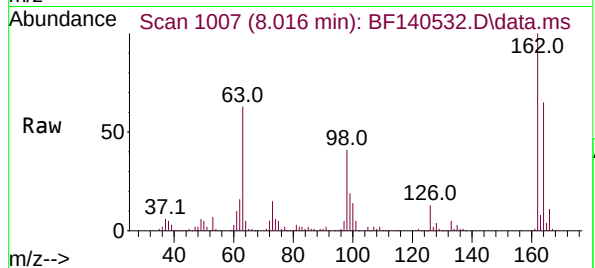
Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 233140

Ion Ratio Lower Upper

162 100

164 64.8 44.8 84.8

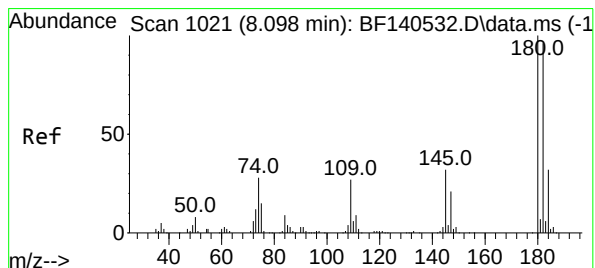
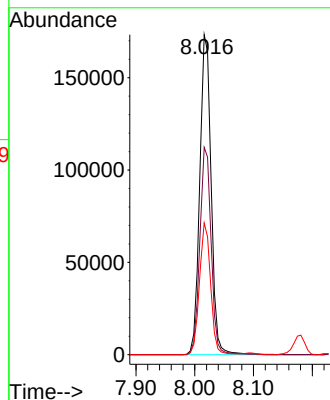
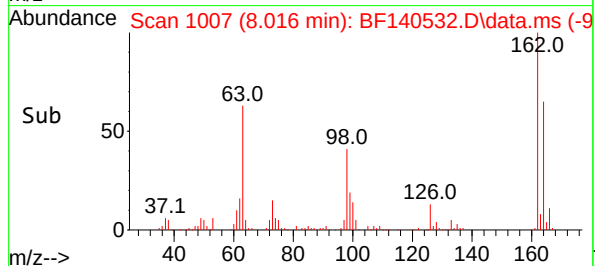
98 41.2 21.2 61.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

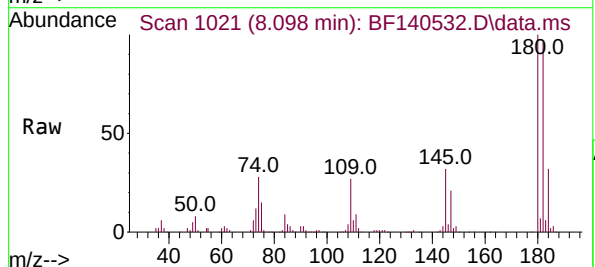
Concen: 39.078 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58



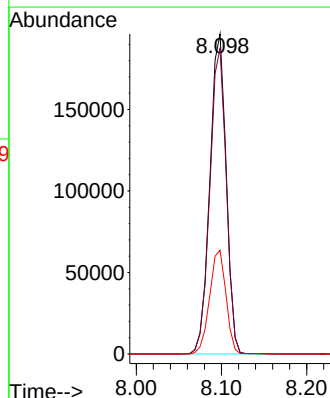
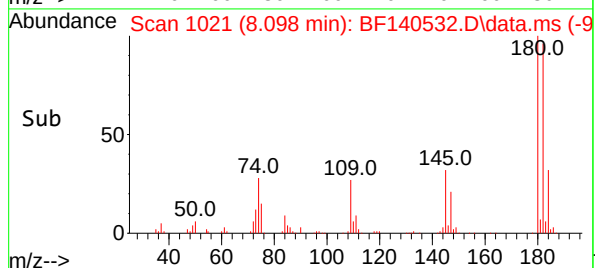
Tgt Ion:180 Resp: 261862

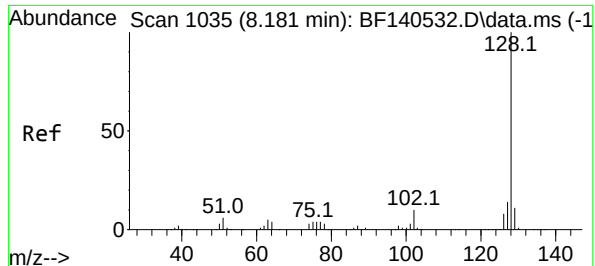
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 32.4 25.9 38.9





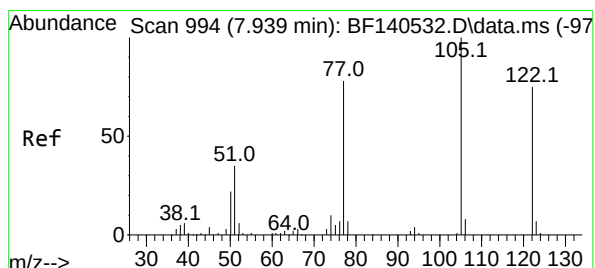
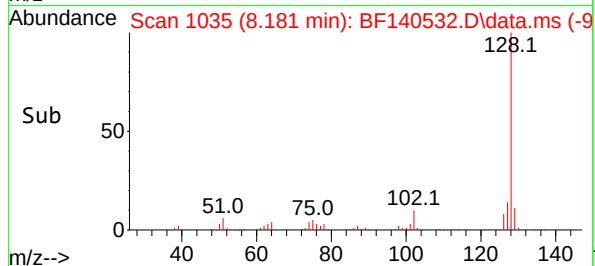
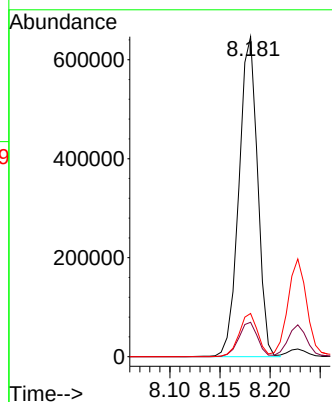
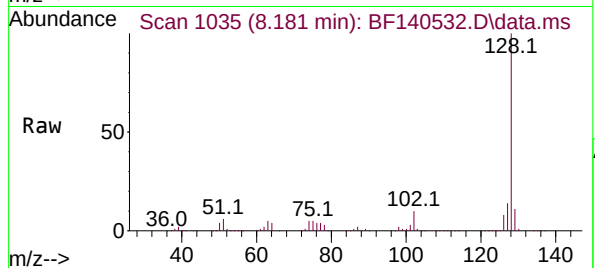
#31
Naphthalene
Concen: 39.318 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 83723
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.5 10.8 16.2

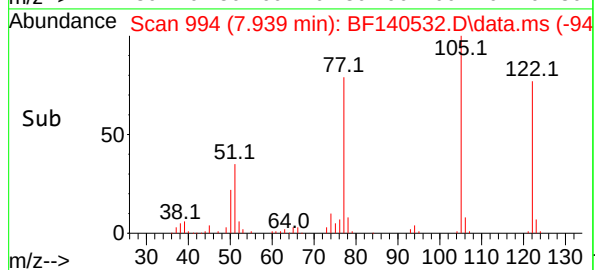
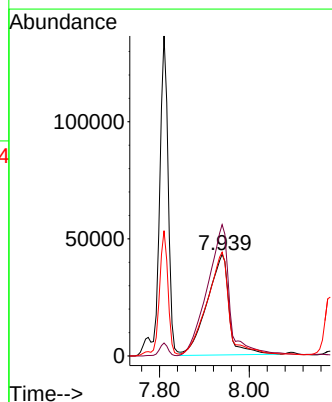
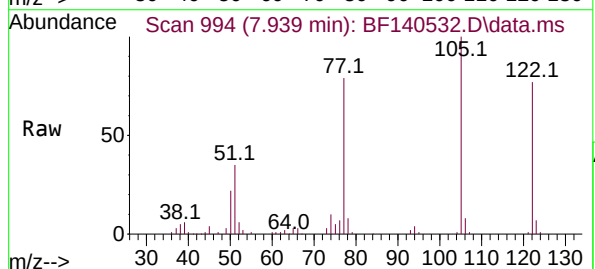
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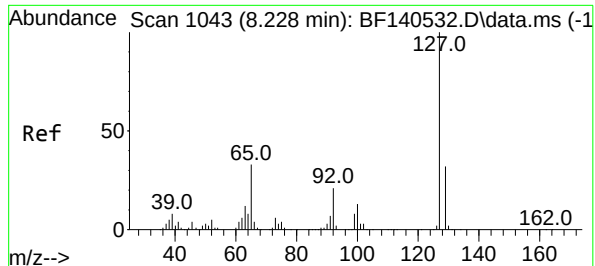
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 39.450 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:122 Resp: 146245
Ion Ratio Lower Upper
122 100
105 129.3 109.3 149.3
77 102.3 82.3 122.3





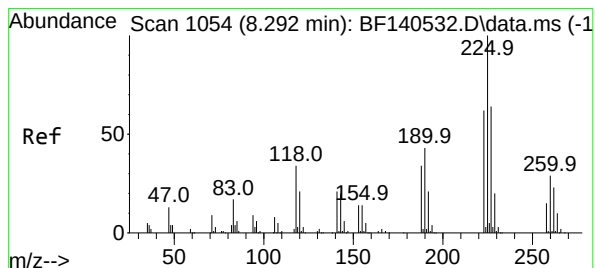
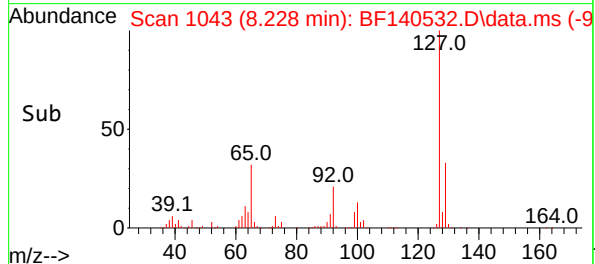
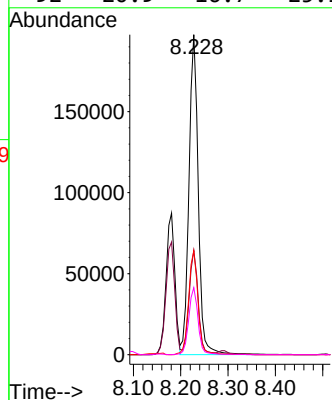
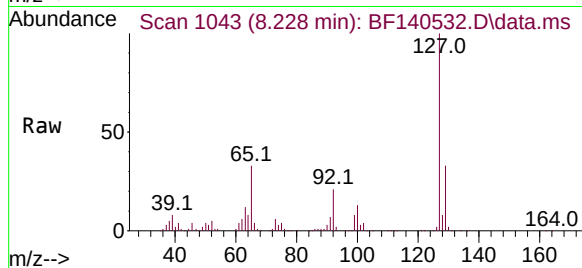
#33
4-Chloroaniline
Concen: 42.139 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 268662
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

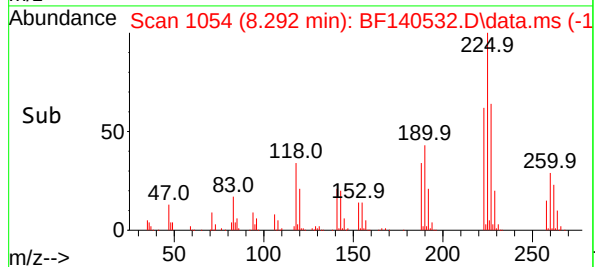
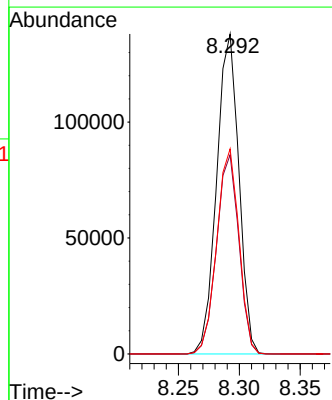
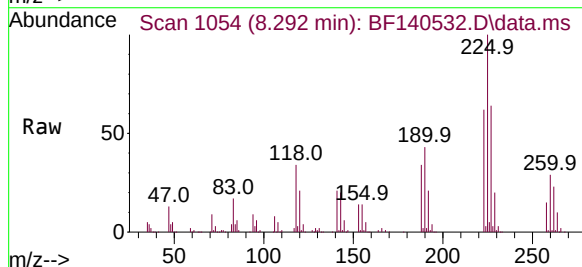
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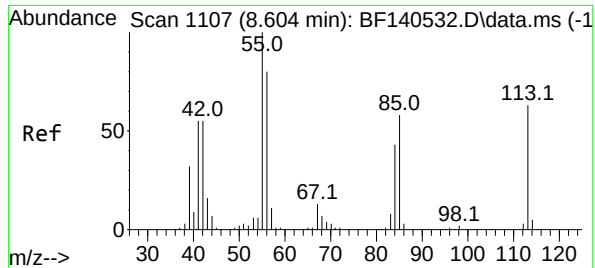
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 39.473 ng
RT: 8.292 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:225 Resp: 175198
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.8
227 64.1 51.3 76.9





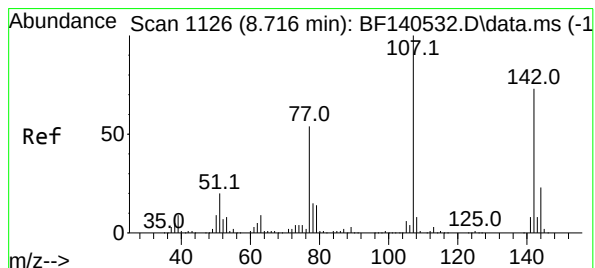
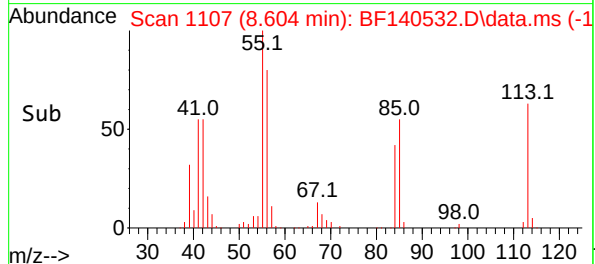
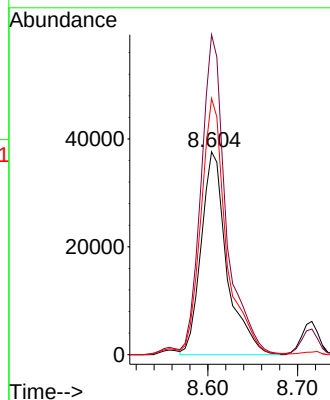
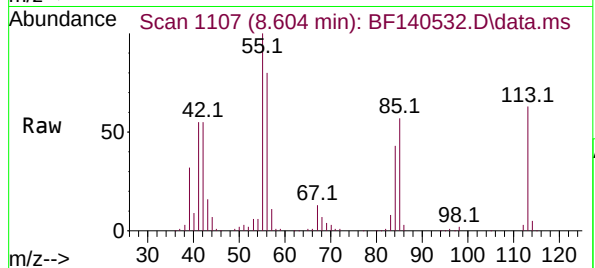
#35
Caprolactam
Concen: 41.168 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 7477
Ion Ratio Lower Upper
113 100
55 157.7 137.7 177.7
56 126.4 106.4 146.4

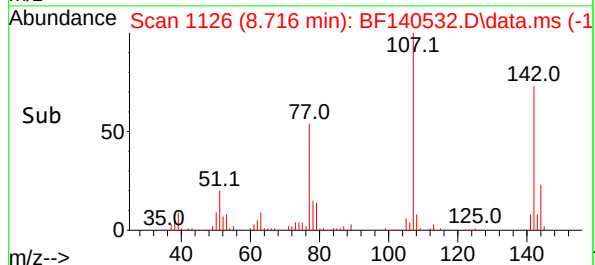
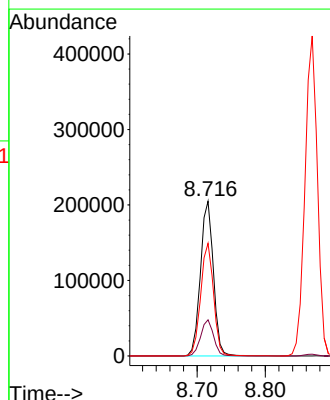
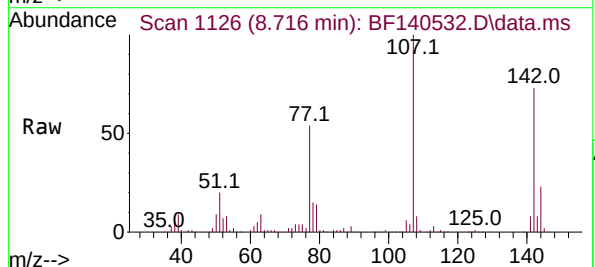
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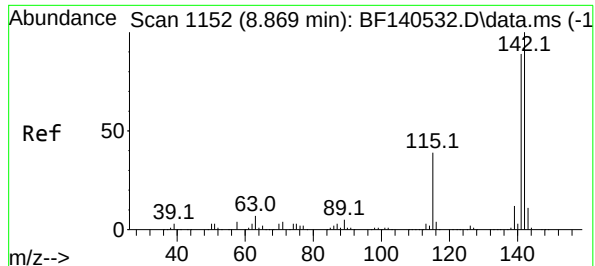
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 41.150 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:107 Resp: 270395
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 72.9 58.3 87.5





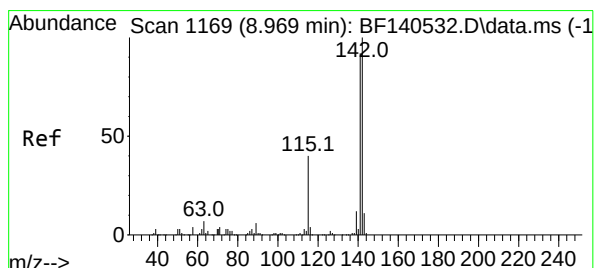
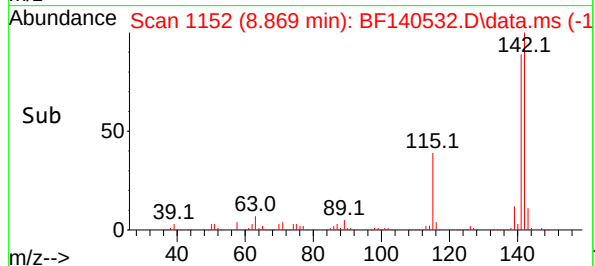
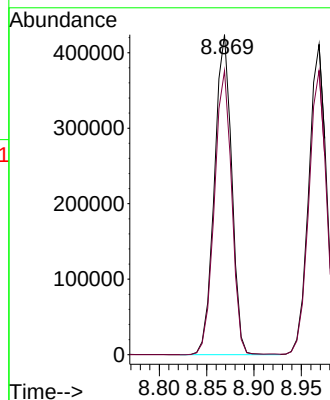
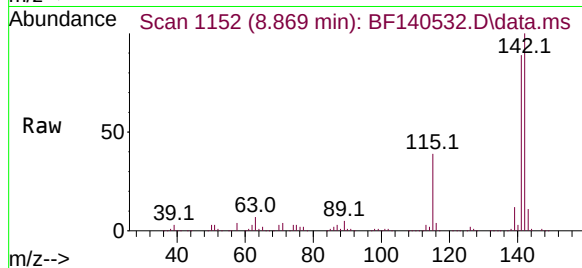
#37
2-Methylnaphthalene
Concen: 39.707 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 537039
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6

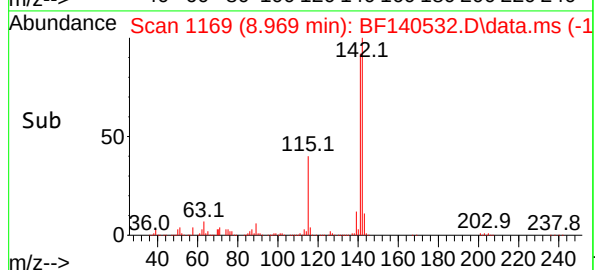
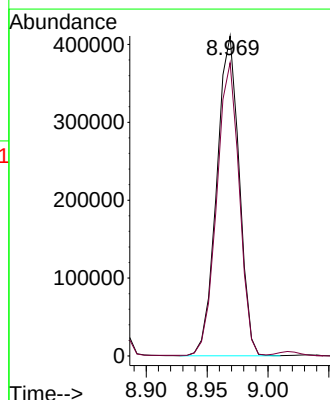
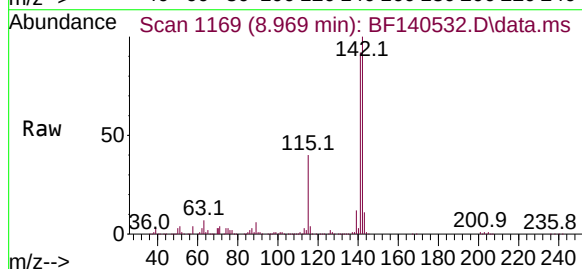
Manual Integrations
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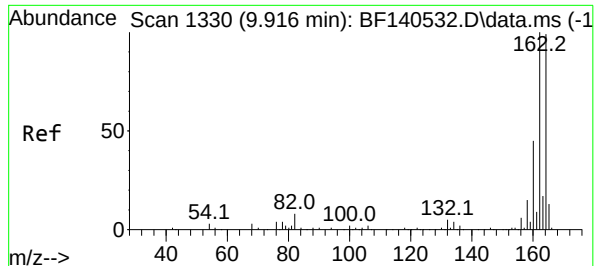
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 39.781 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:142 Resp: 527387
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

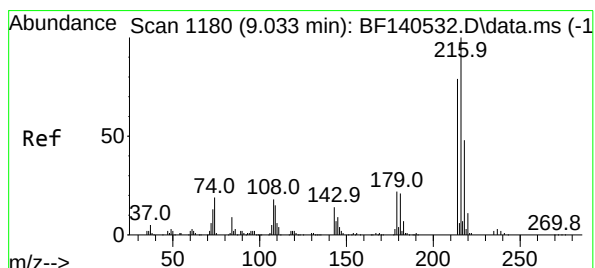
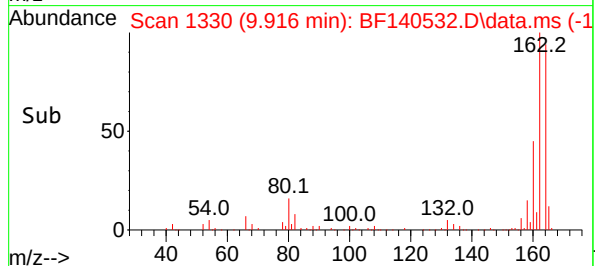
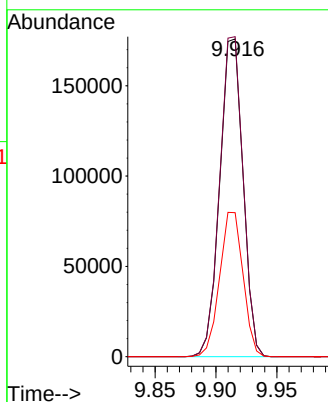
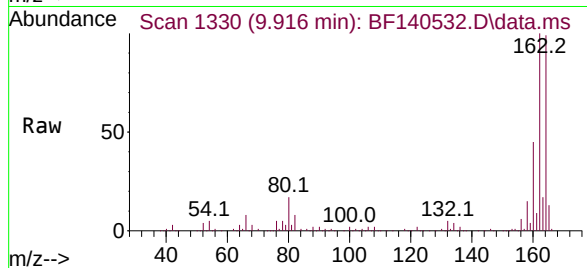
SSTDICCC040

Tgt Ion:164 Resp: 23440
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 45.3 36.2 54.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.462 ng

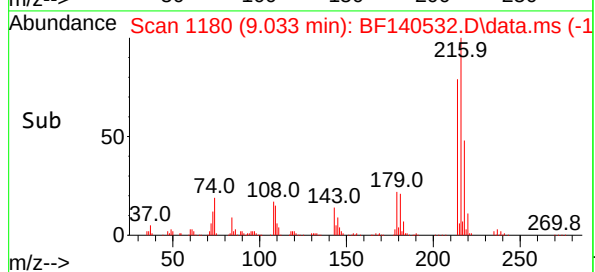
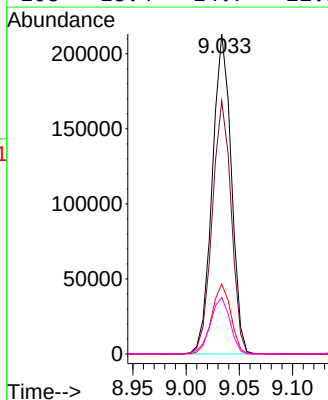
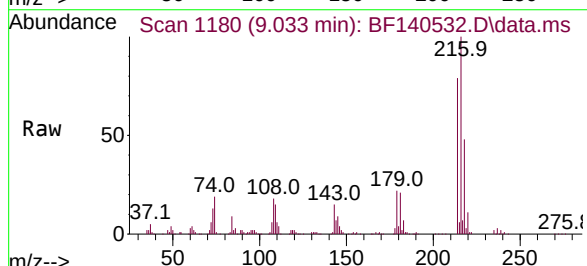
RT: 9.033 min Scan# 1180

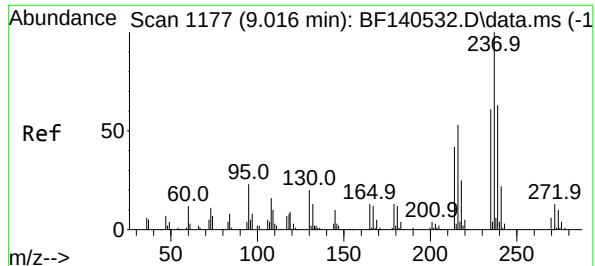
Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Tgt Ion:216 Resp: 263939
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 21.9 17.5 26.3
108 18.4 14.7 22.1





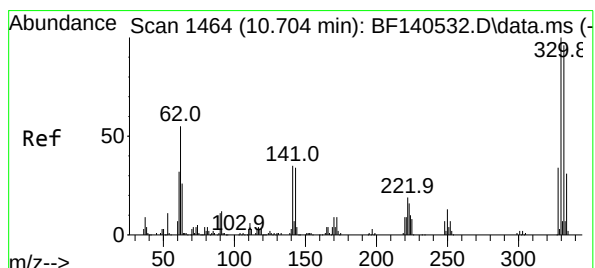
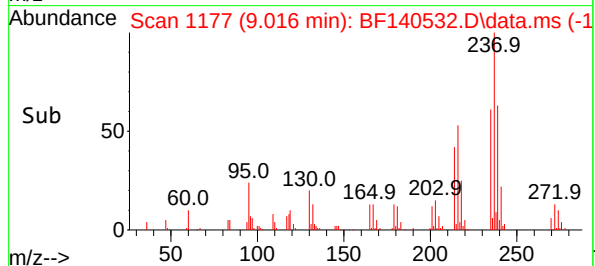
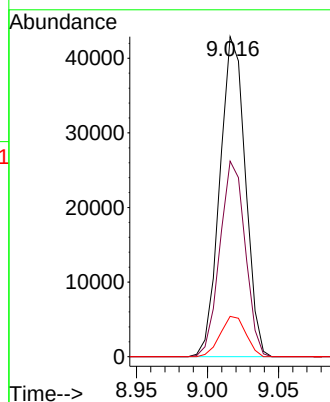
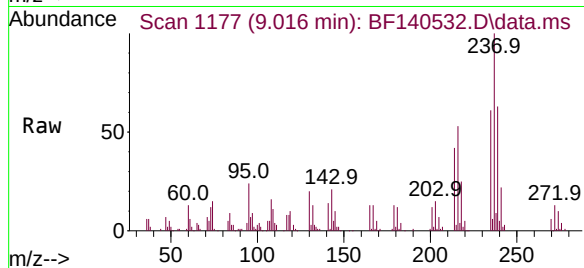
#41
Hexachlorocyclopentadiene
Concen: 38.833 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 5353
Ion Ratio Lower Upper
237 100
235 61.1 41.1 81.1
272 12.6 0.0 32.6

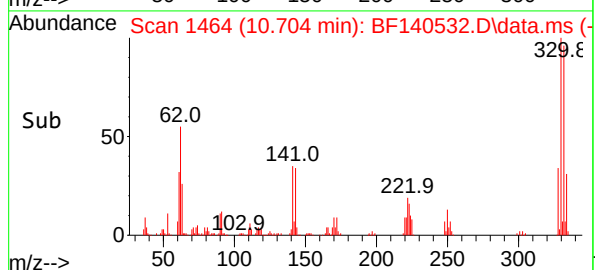
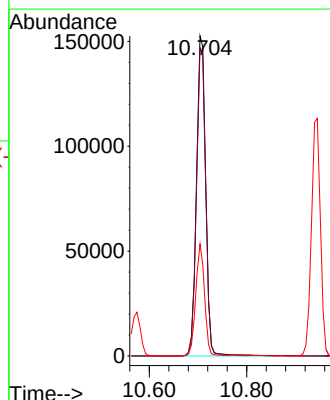
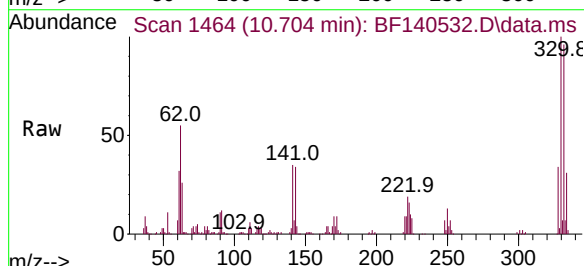
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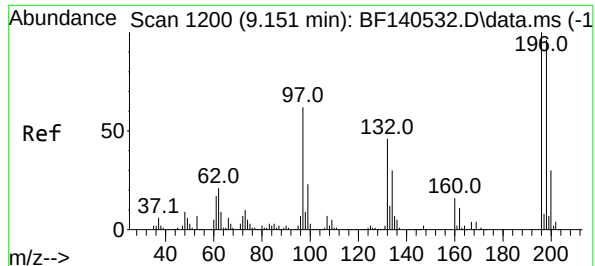
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 80.781 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:330 Resp: 202517
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 33.4 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 39.799 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 171374

Ion Ratio Lower Upper

196 100

198 96.0 76.8 115.2

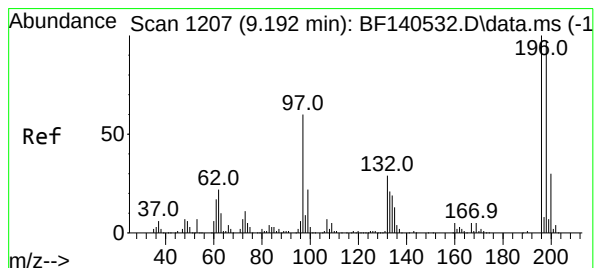
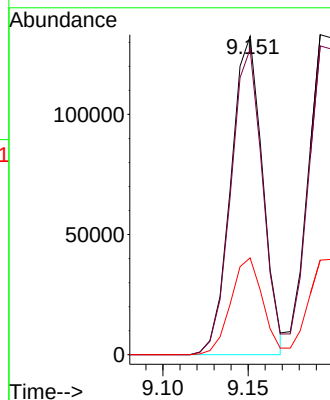
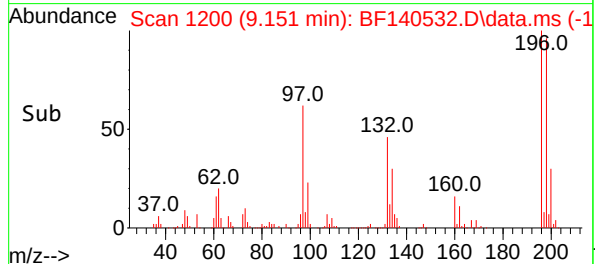
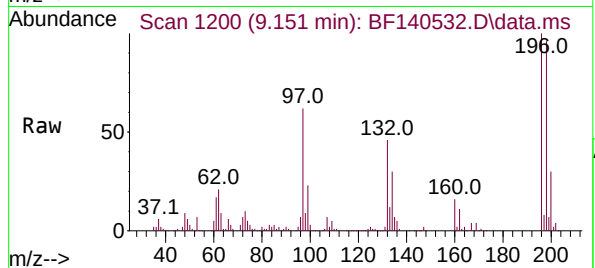
200 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

Concen: 40.504 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Tgt Ion:196 Resp: 189287

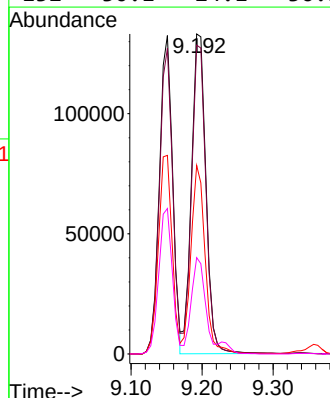
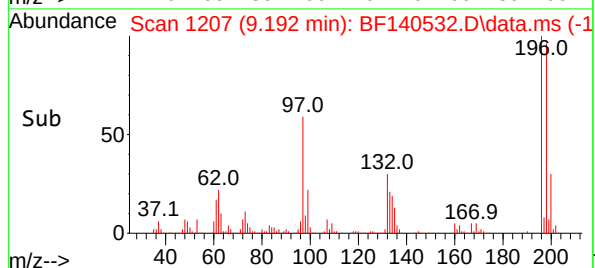
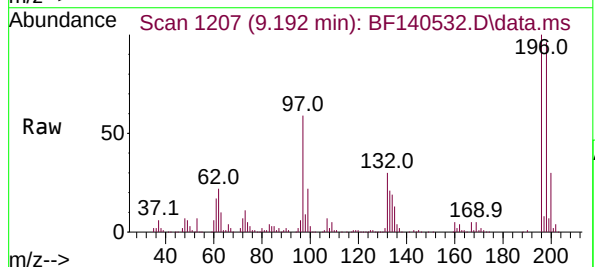
Ion Ratio Lower Upper

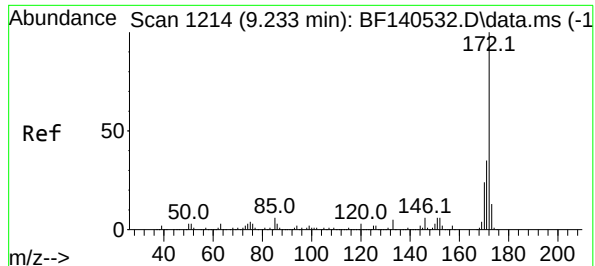
196 100

198 96.5 77.2 115.8

97 58.9 47.1 70.7

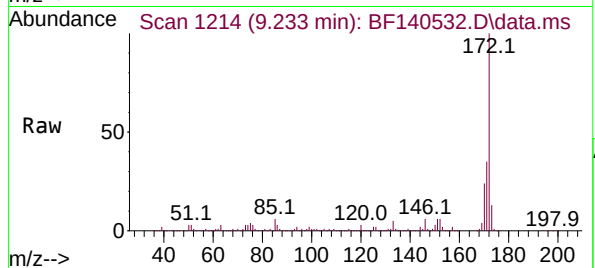
132 30.1 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 76.969 ng
RT: 9.233 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

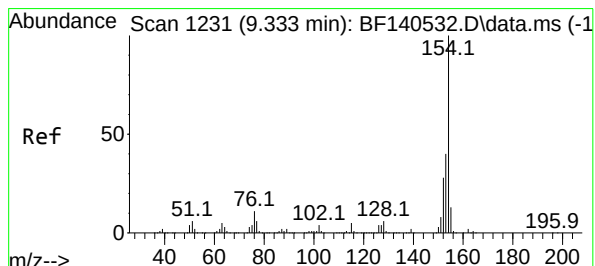
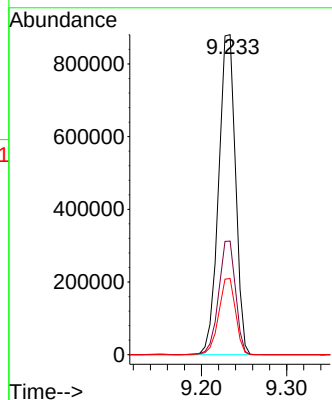
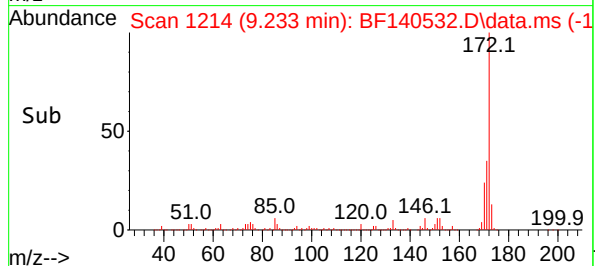
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 1210929
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 19.0 28.6

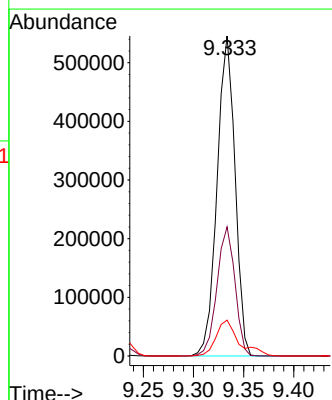
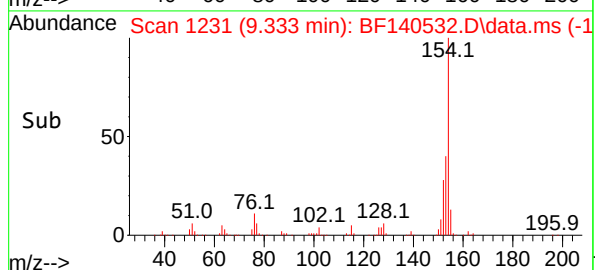
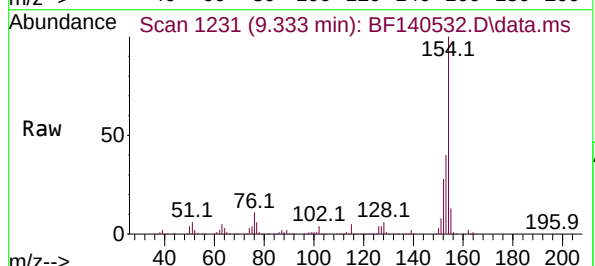
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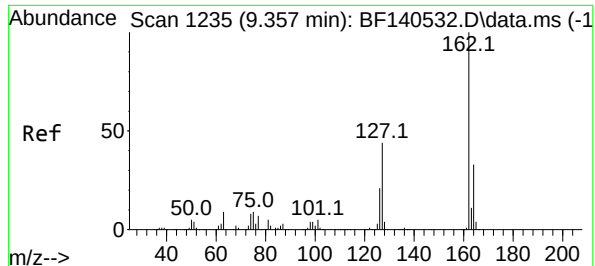
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 38.750 ng
RT: 9.333 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:154 Resp: 678172
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.086 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 518320

Ion Ratio Lower Upper

162 100

127 44.6 35.7 53.5

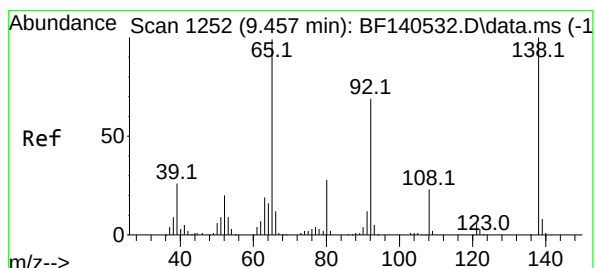
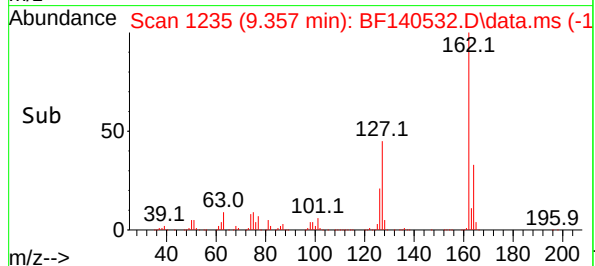
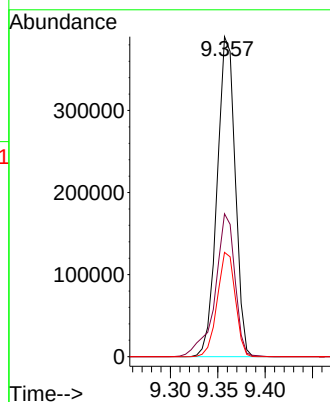
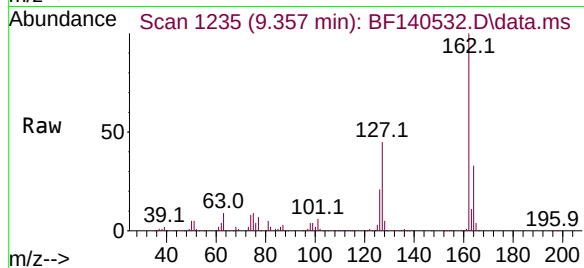
164 32.6 26.1 39.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 40.410 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

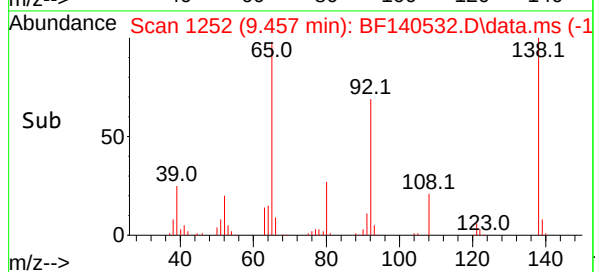
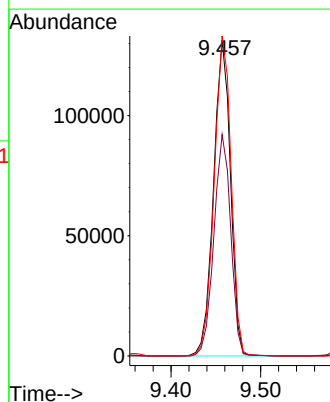
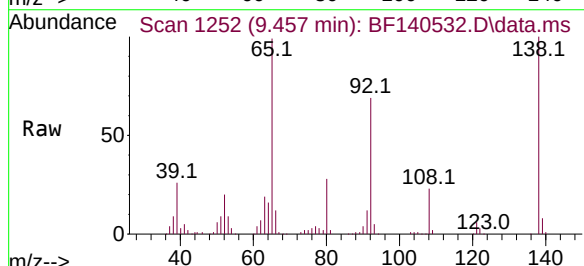
Tgt Ion: 65 Resp: 172005

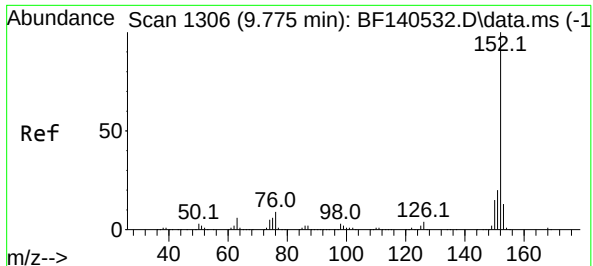
Ion Ratio Lower Upper

65 100

92 70.1 56.1 84.1

138 101.3 81.0 121.6





#49

Acenaphthylene

Concen: 38.899 ng

RT: 9.775 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

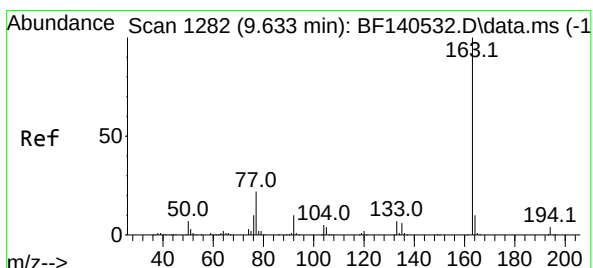
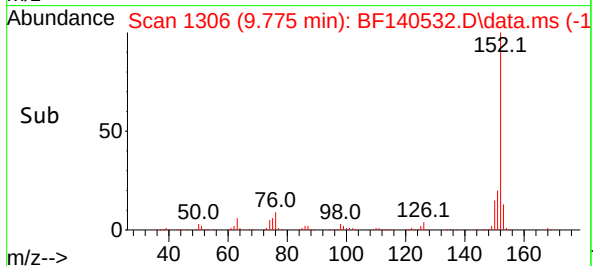
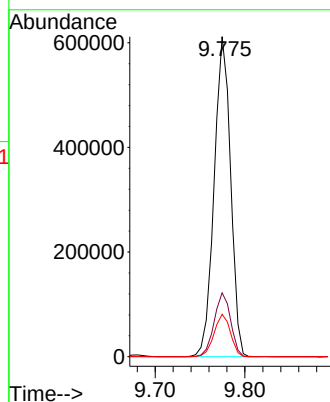
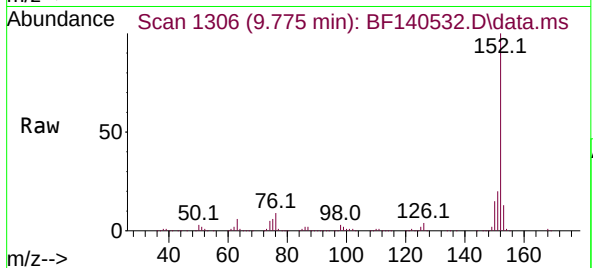
SSTDICCC040

Tgt Ion:152	Resp: 779390
Ion Ratio	Lower Upper
152	100
151	19.9 15.9 23.9
153	13.3 10.6 16.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#50

Dimethylphthalate

Concen: 39.445 ng

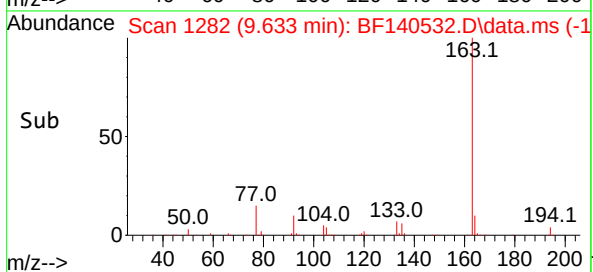
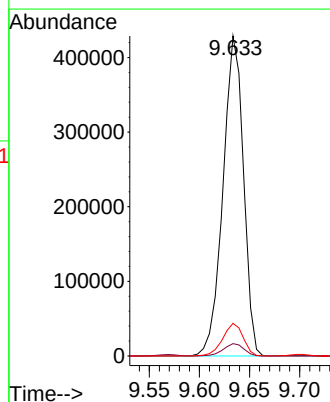
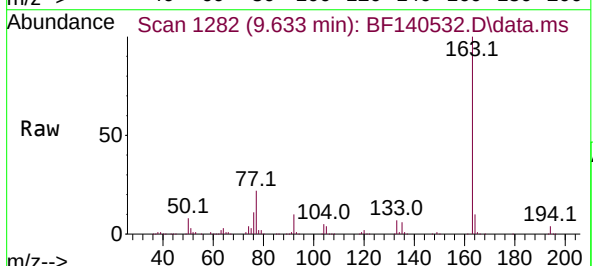
RT: 9.633 min Scan# 1282

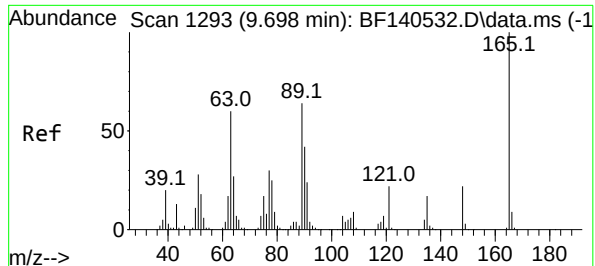
Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

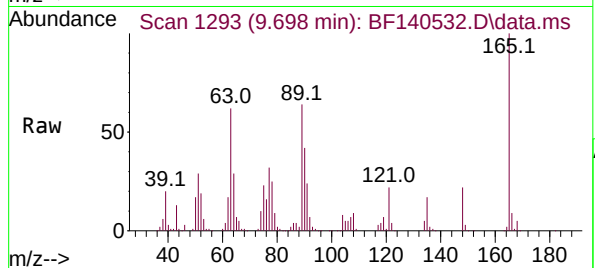
Tgt Ion:163	Resp: 608948
Ion Ratio	Lower Upper
163	100
194	3.9 3.1 4.7
164	10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.249 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

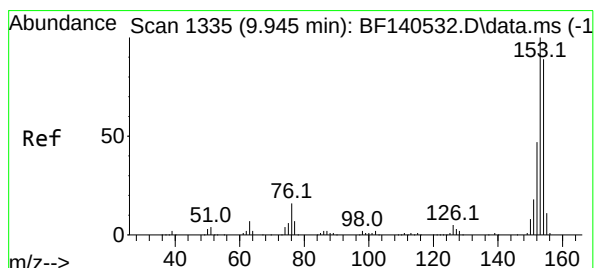
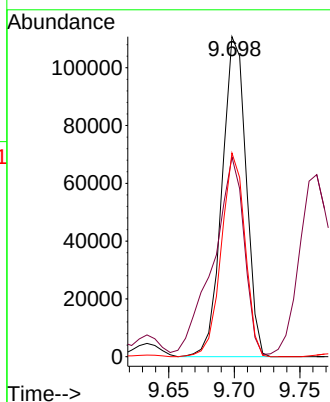
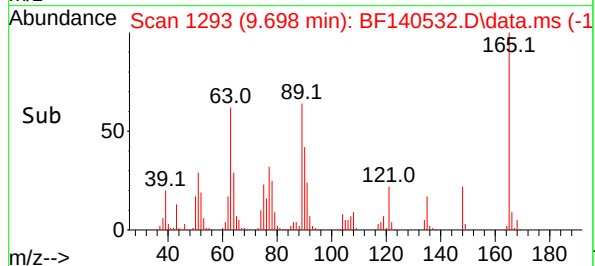
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 140922
Ion Ratio Lower Upper
165 100
63 62.4 49.9 74.9
89 63.6 50.9 76.3

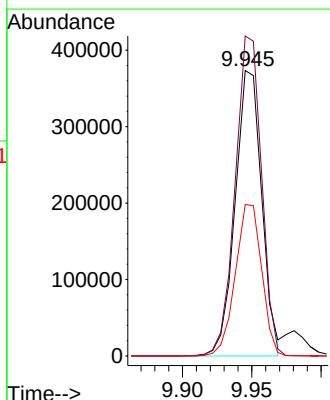
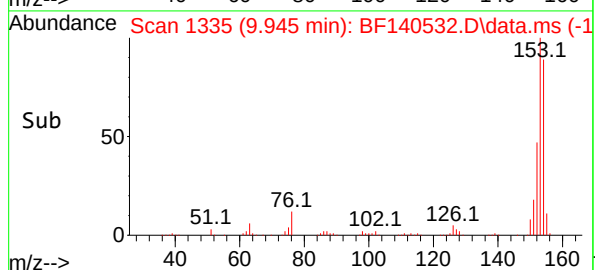
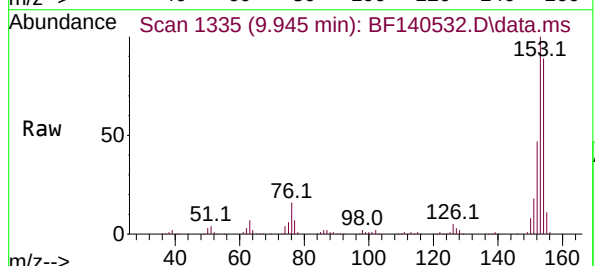
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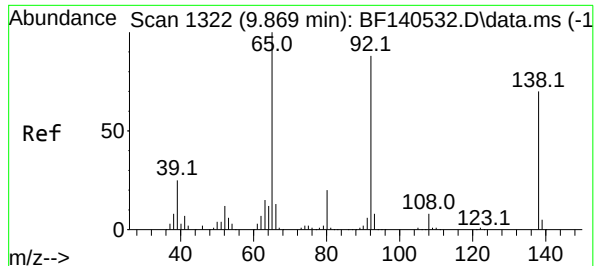
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 38.394 ng m
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:154 Resp: 498119
Ion Ratio Lower Upper
154 100
153 112.1 89.7 134.5
152 53.1 42.5 63.7





#53
3-Nitroaniline
Concen: 41.134 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

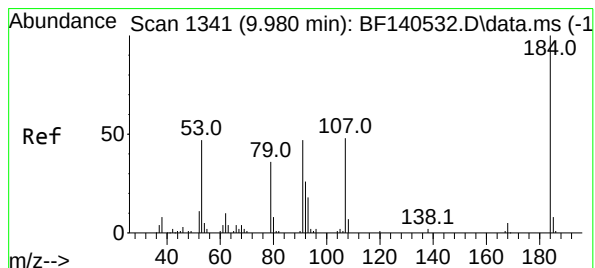
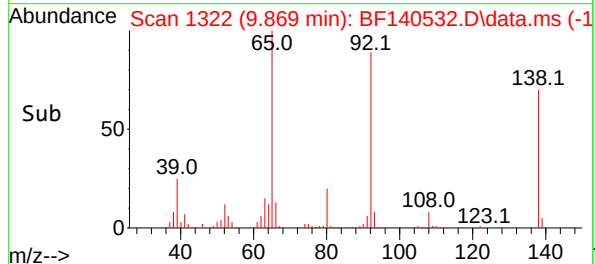
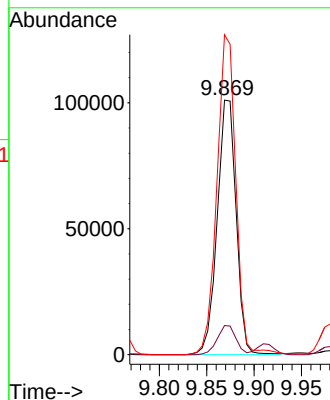
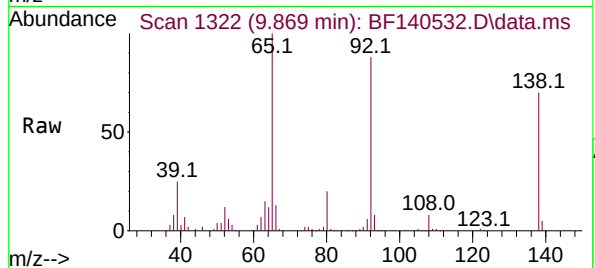
ClientSampleId :

SSTDICCC040

Tgt Ion:138 Resp: 140859
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 125.7 100.6 150.8

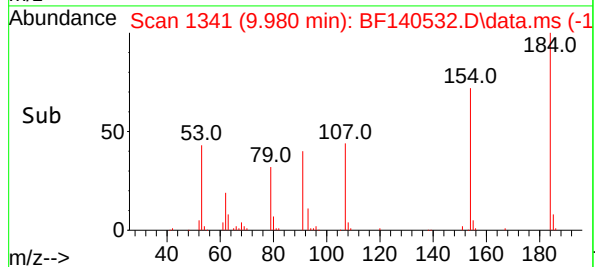
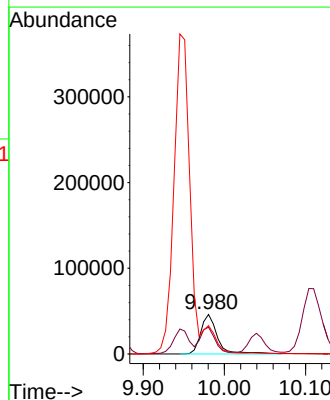
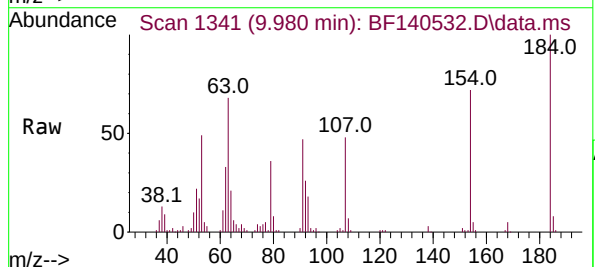
Manual Integrations
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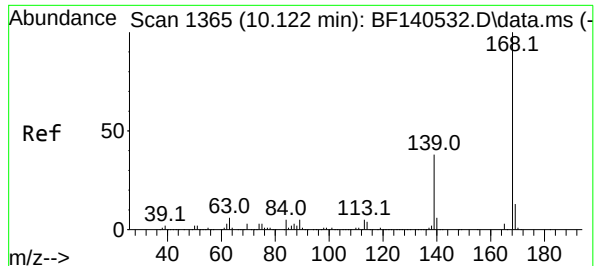
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 40.435 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:184 Resp: 65546
Ion Ratio Lower Upper
184 100
63 67.6 54.1 81.1
154 71.7 57.4 86.0





#55

Dibenzenofuran

Concen: 39.153 ng

RT: 10.122 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 760308

Ion Ratio Lower Upper

168 100

139 39.1 31.3 46.9

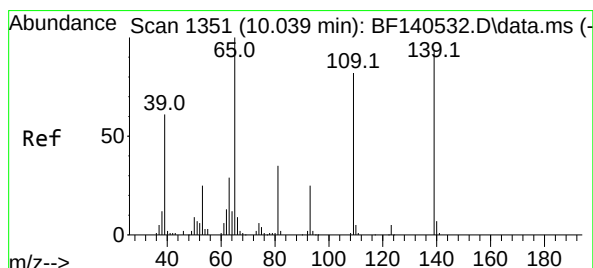
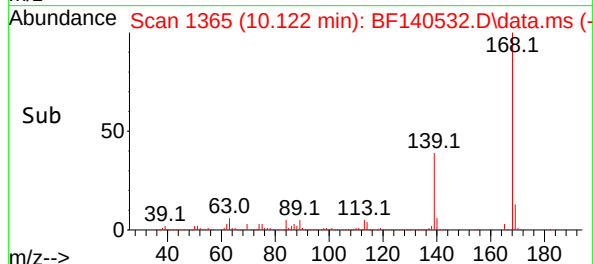
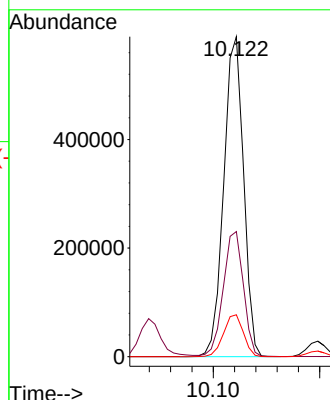
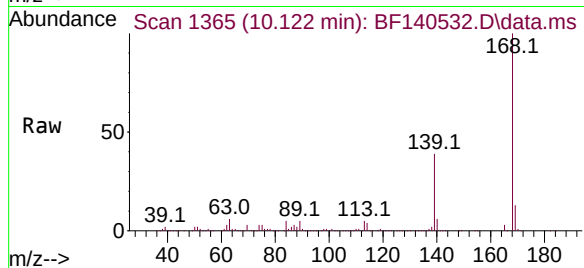
169 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#56

4-Nitrophenol

Concen: 41.591 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

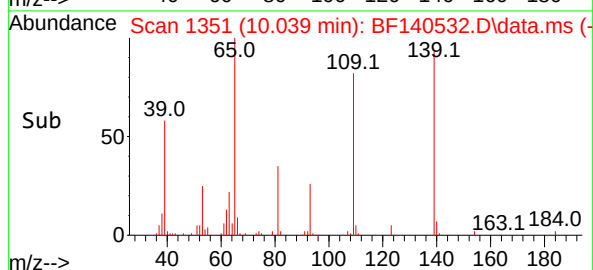
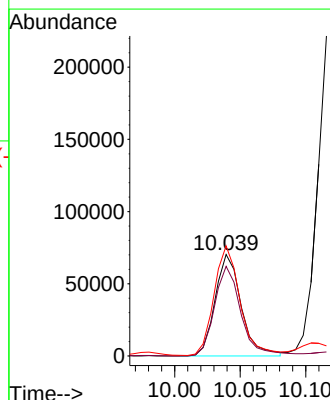
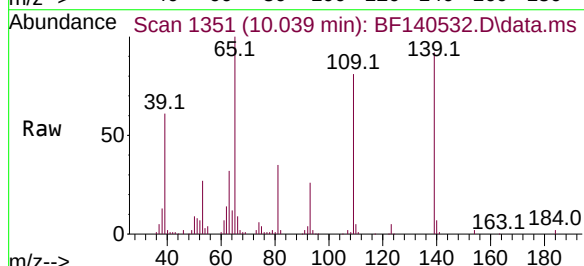
Tgt Ion:139 Resp: 97133

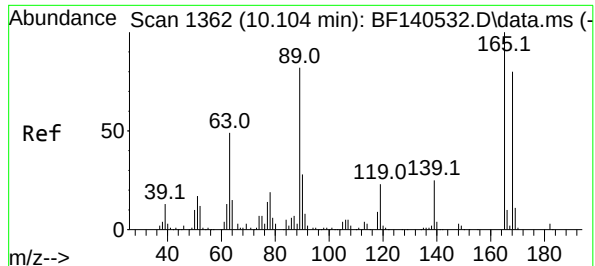
Ion Ratio Lower Upper

139 100

109 88.4 68.4 108.4

65 108.6 88.6 128.6





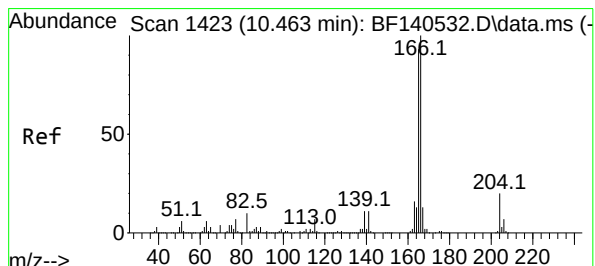
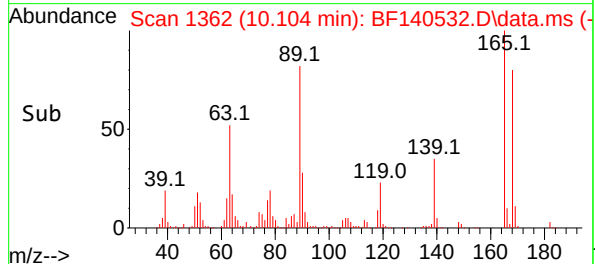
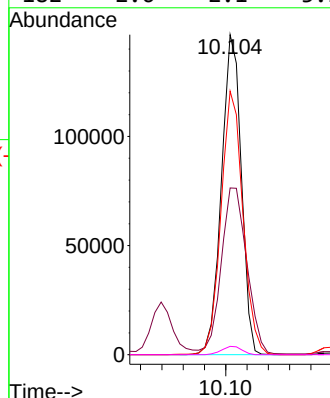
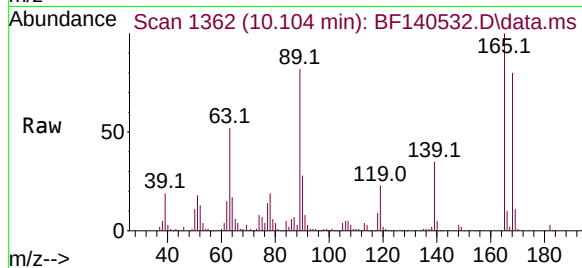
#57
2,4-Dinitrotoluene
Concen: 40.662 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 18921
Ion Ratio Lower Upper
165 100
63 52.1 41.7 62.5
89 82.3 65.8 98.8
182 2.6 2.1 3.1

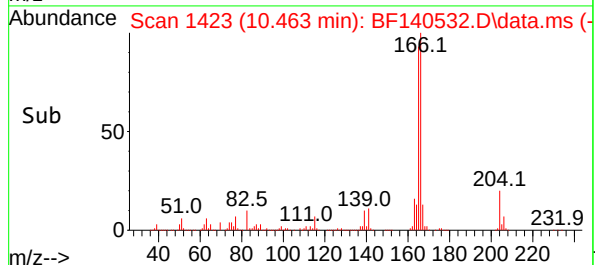
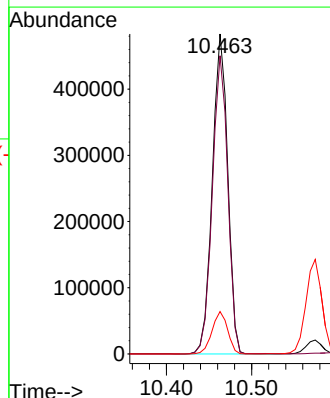
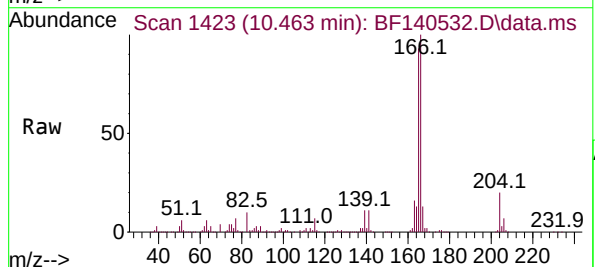
Manual Integrations
APPROVED

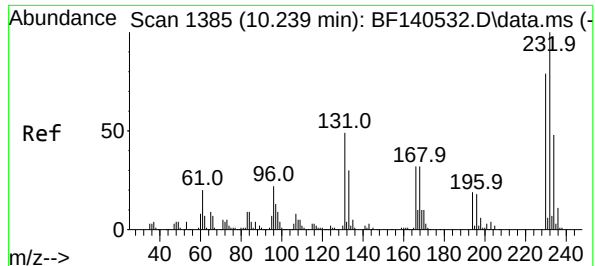
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 38.956 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

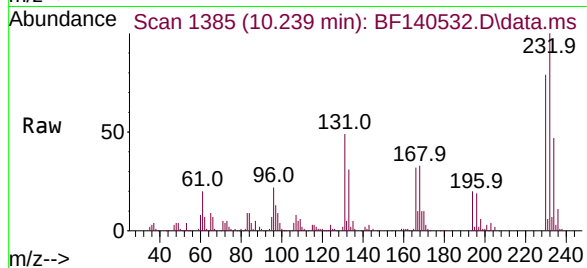
Tgt Ion:166 Resp: 607198
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.757 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

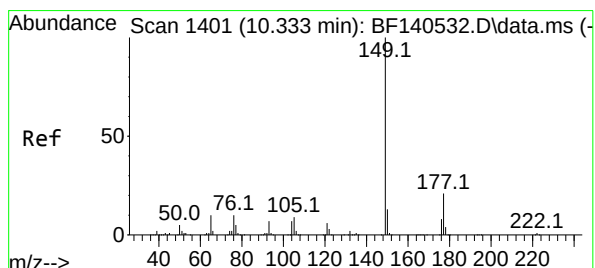
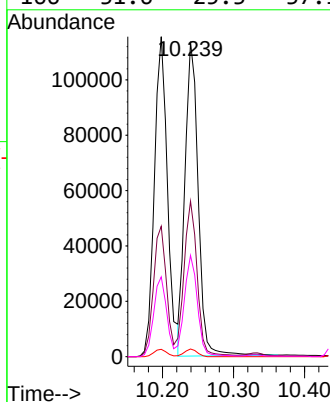
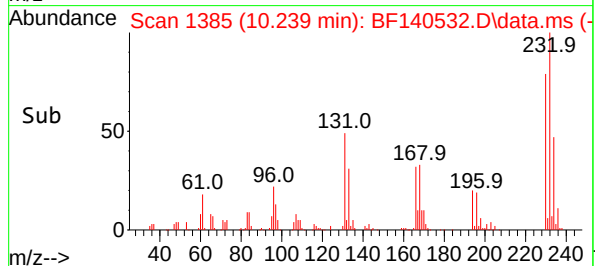
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 14638
Ion Ratio Lower Upper
232 100
131 49.5 39.6 59.4
130 2.4 1.9 2.9
166 31.6 25.3 37.9

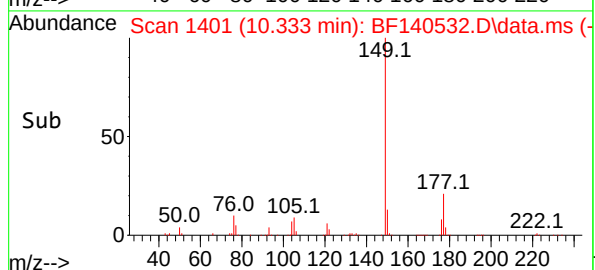
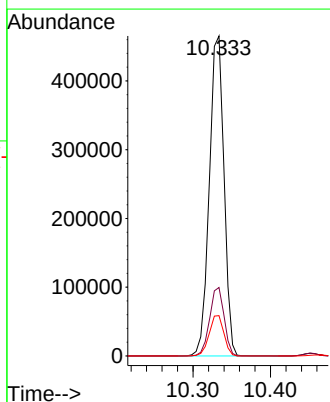
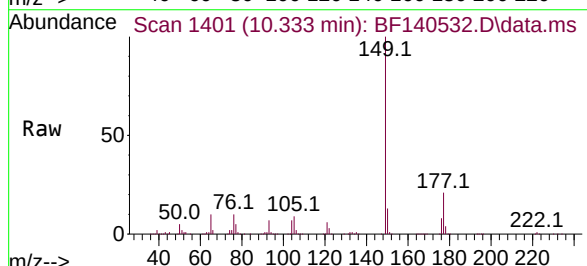
Manual Integrations
APPROVED

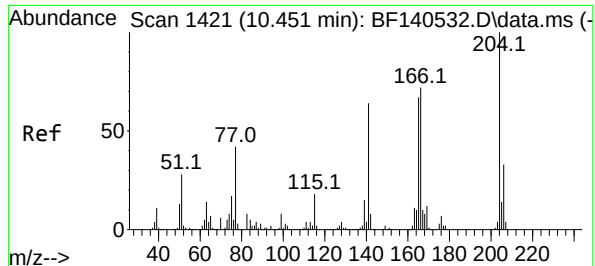
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 39.176 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

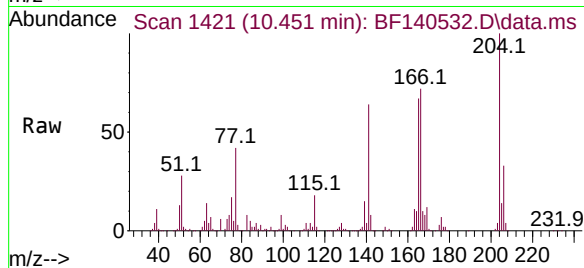
Tgt Ion:149 Resp: 614490
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.175 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

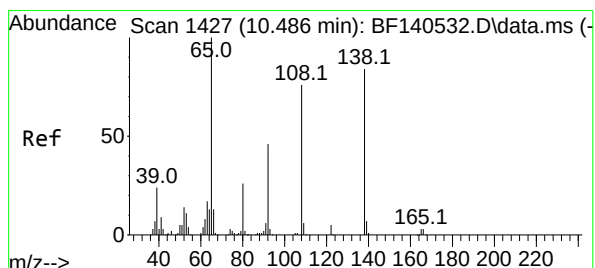
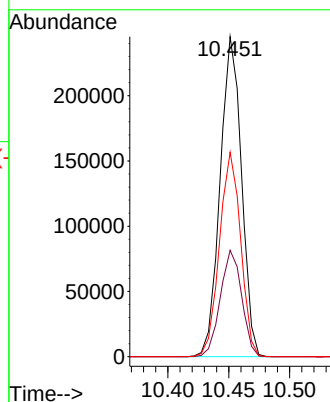
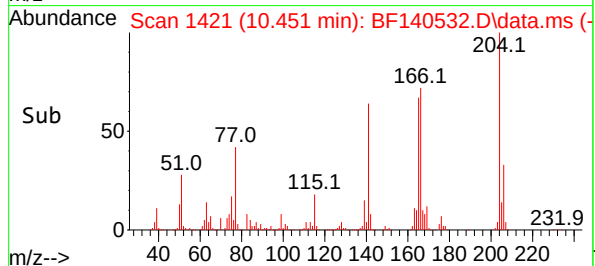
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 299662
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 63.9 51.1 76.7

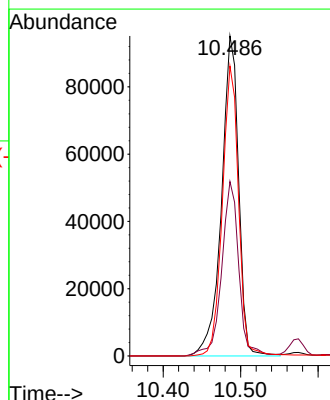
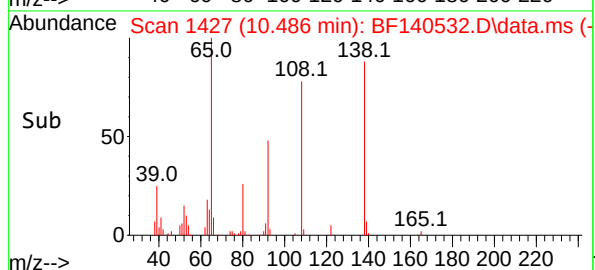
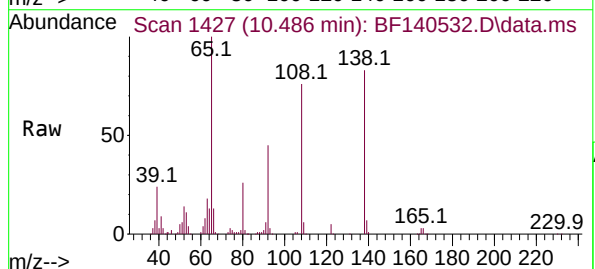
Manual Integrations
APPROVED

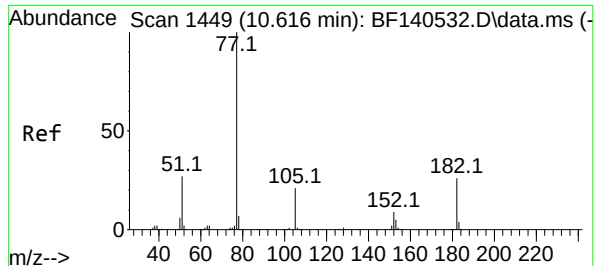
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 40.750 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

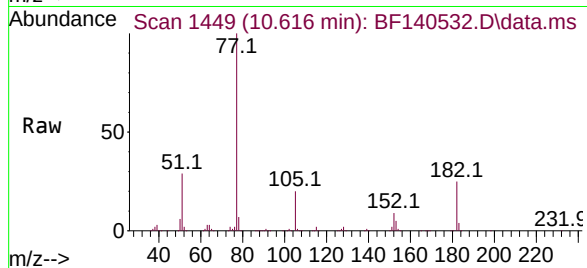
Tgt Ion:138 Resp: 146354
Ion Ratio Lower Upper
138 100
92 54.5 34.5 74.5
108 90.6 70.6 110.6





#63
Azobenzene
Concen: 38.983 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

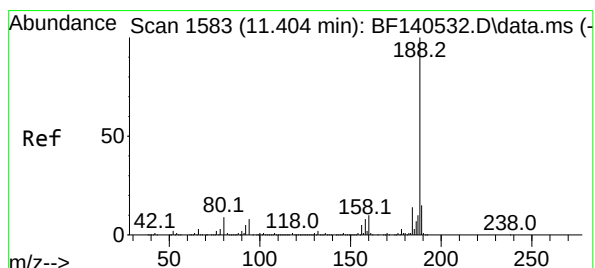
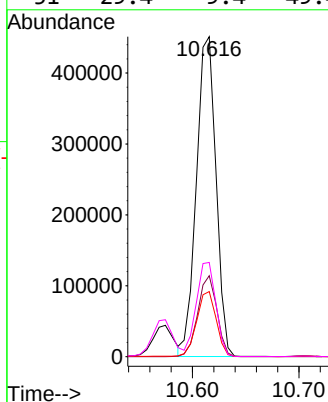
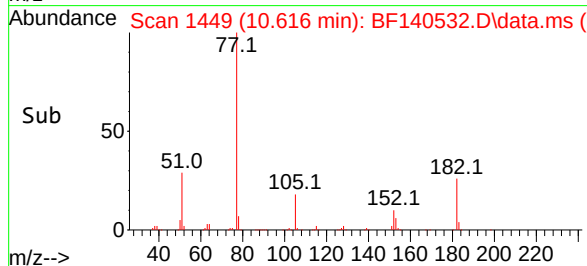
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



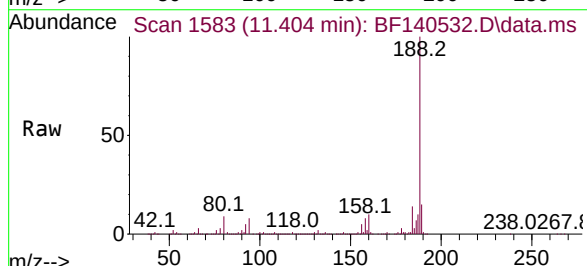
Tgt Ion: 77 Resp: 57904
Ion Ratio Lower Upper
77 100
182 25.3 5.3 45.3
105 20.3 0.3 40.3
51 29.4 9.4 49.4

Manual Integrations
APPROVED

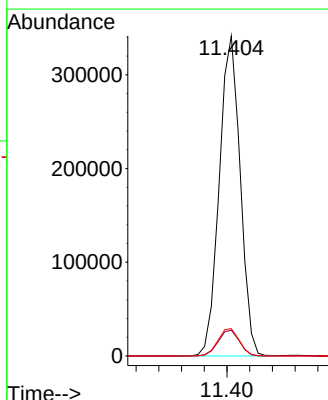
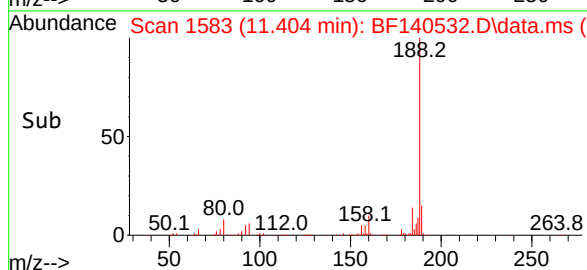
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

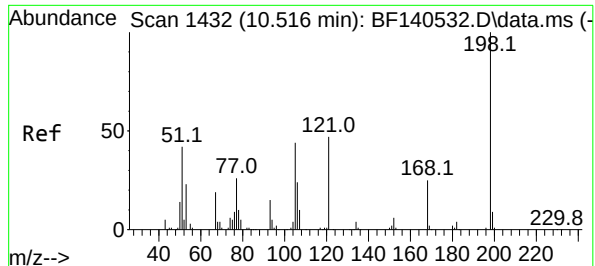


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58



Tgt Ion:188 Resp: 437466
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.6 6.9 10.3





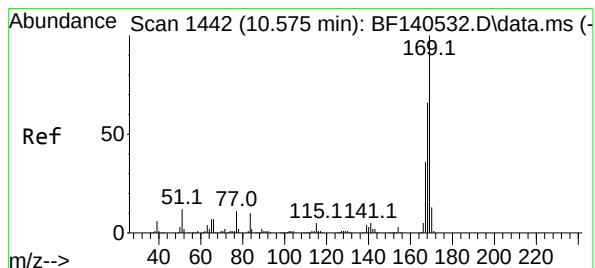
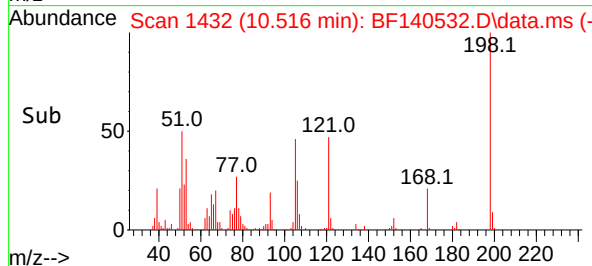
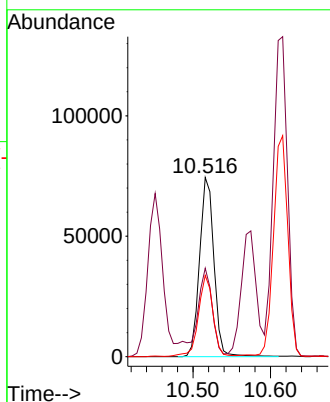
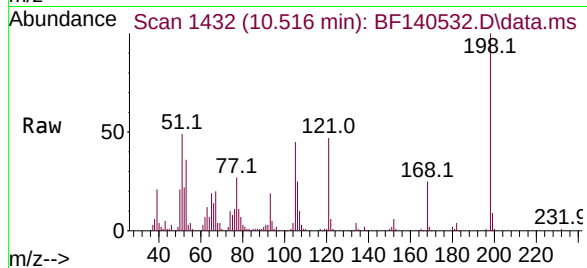
#65
4,6-Dinitro-2-methylphenol
Concen: 42.998 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 96120
Ion Ratio Lower Upper
198 100
51 49.4 29.4 69.4
105 45.4 25.4 65.4

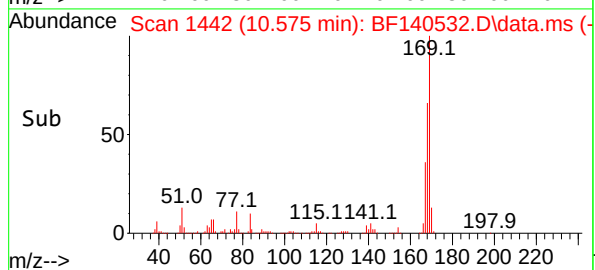
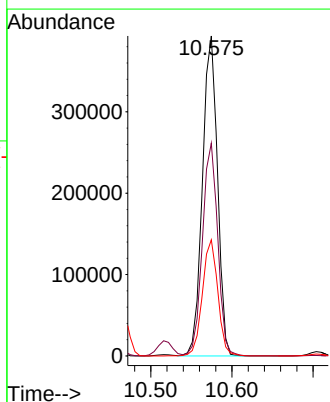
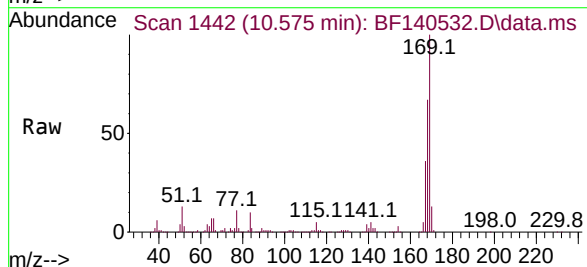
Manual Integrations
APPROVED

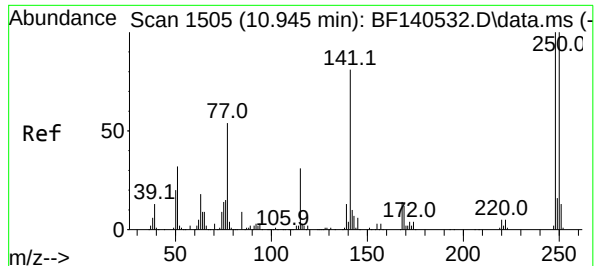
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 39.070 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

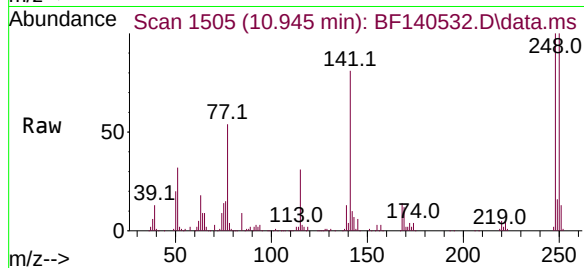
Tgt Ion:169 Resp: 505450
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 38.787 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

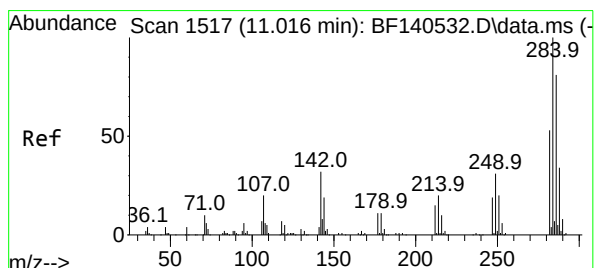
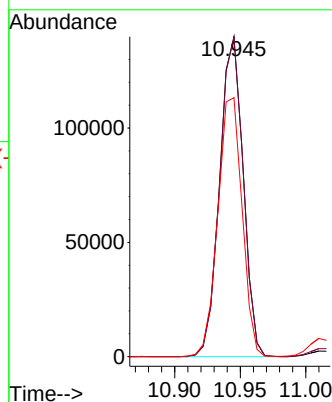
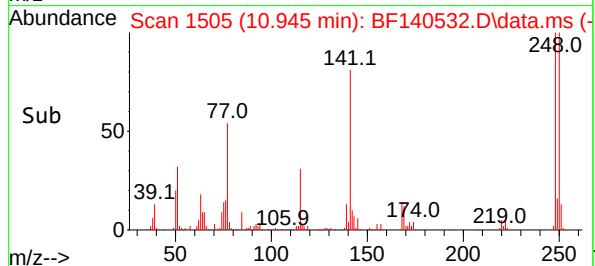
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



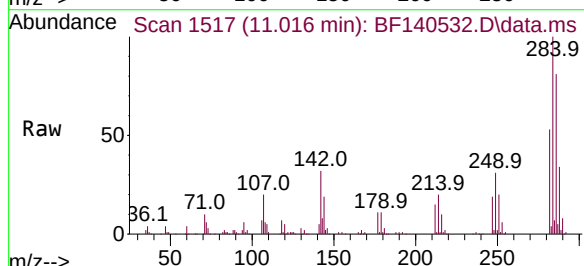
Tgt Ion:248 Resp: 174740
Ion Ratio Lower Upper
248 100
250 99.8 79.8 119.8
141 80.9 64.7 97.1

Manual Integrations
APPROVED

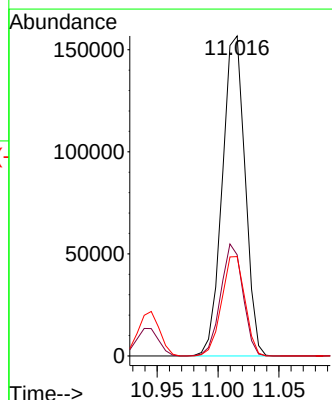
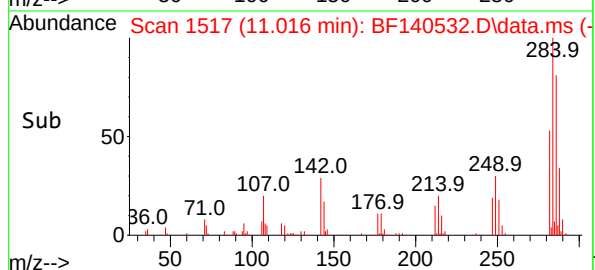
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

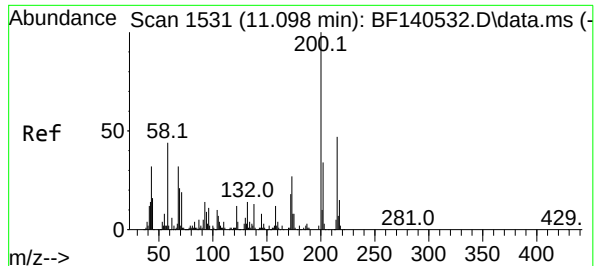


#68
Hexachlorobenzene
Concen: 39.129 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58



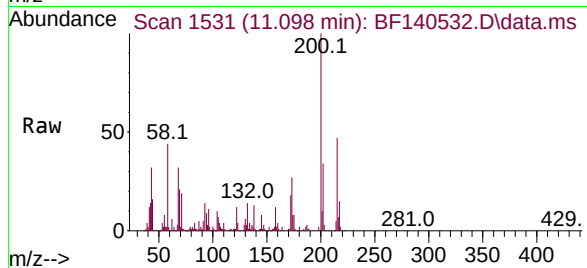
Tgt Ion:284 Resp: 204123
Ion Ratio Lower Upper
284 100
142 31.6 25.3 37.9
249 31.0 24.8 37.2





#69
Atrazine
Concen: 33.635 ng
RT: 11.098 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

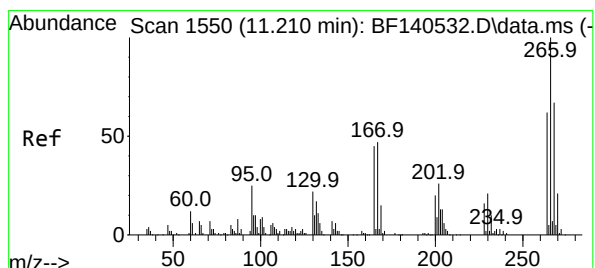
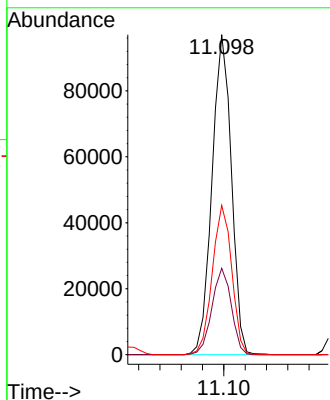
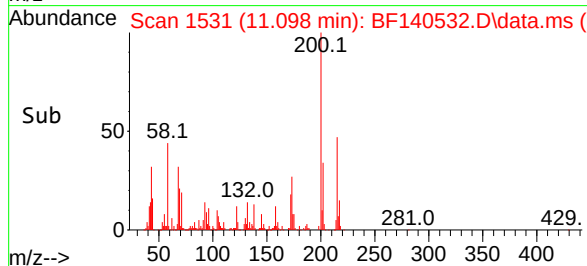
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 12241
Ion Ratio Lower Upper
200 100
173 27.0 7.0 47.0
215 46.7 26.7 66.7

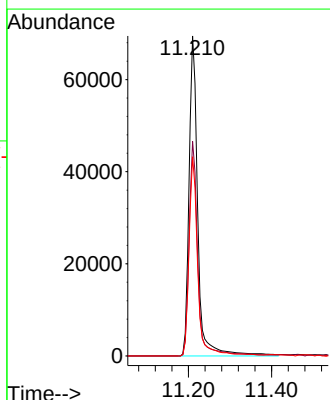
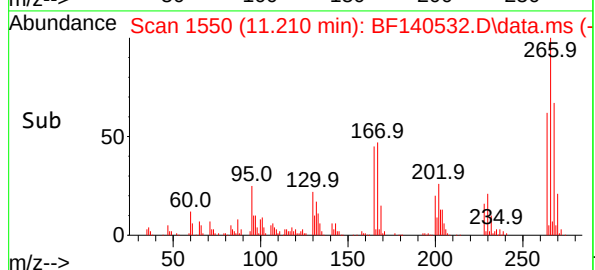
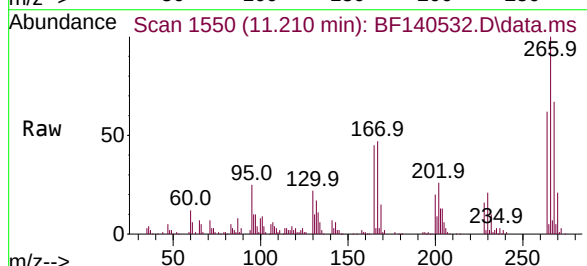
Manual Integrations
APPROVED

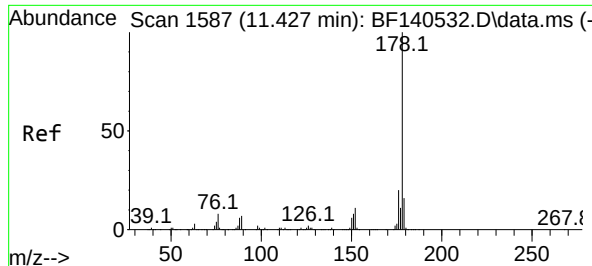
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#70
Pentachlorophenol
Concen: 44.226 ng
RT: 11.210 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

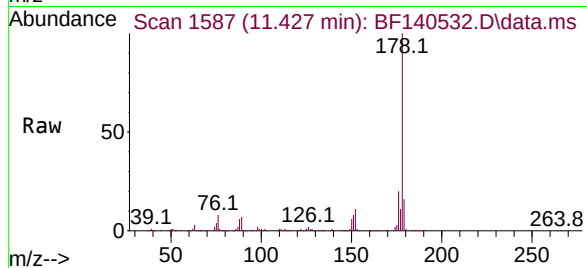
Tgt Ion:266 Resp: 101542
Ion Ratio Lower Upper
266 100
268 67.1 53.7 80.5
264 62.3 49.8 74.8





#71
Phenanthrene
Concen: 39.293 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

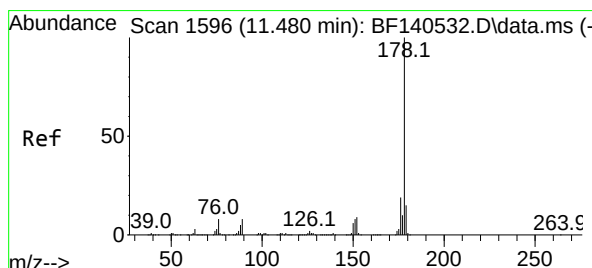
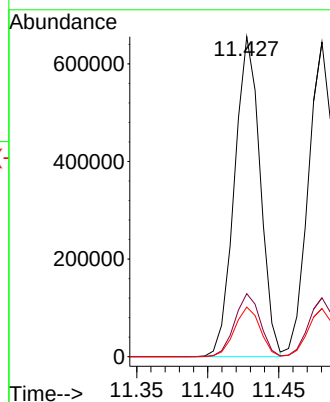
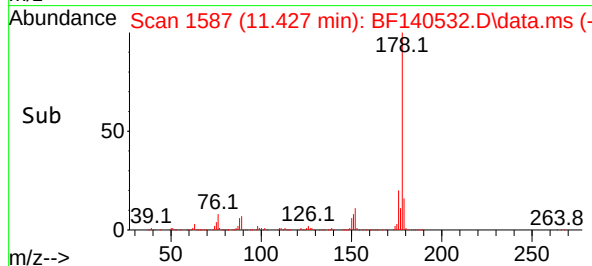
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 826269
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.5 12.4 18.6

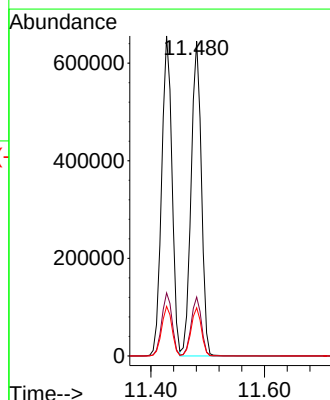
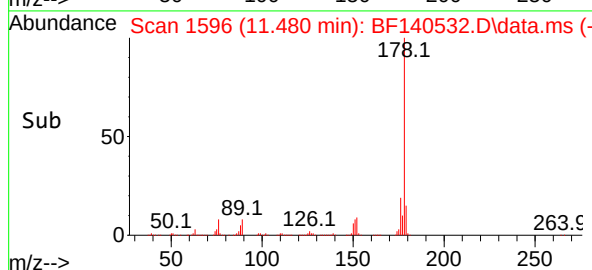
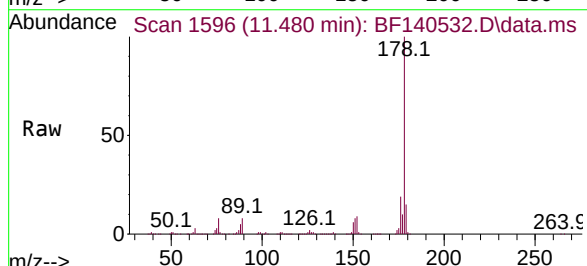
Manual Integrations
APPROVED

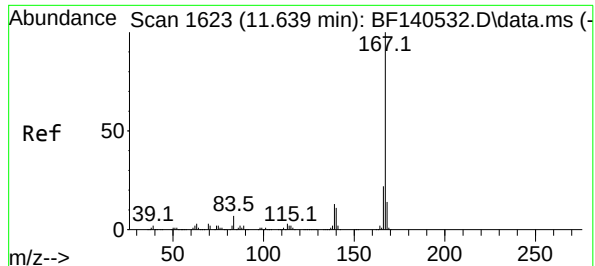
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 39.329 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

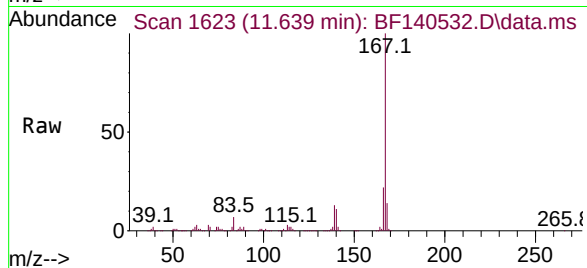
Tgt Ion:178 Resp: 808988
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4





#73
Carbazole
Concen: 39.322 ng
RT: 11.639 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

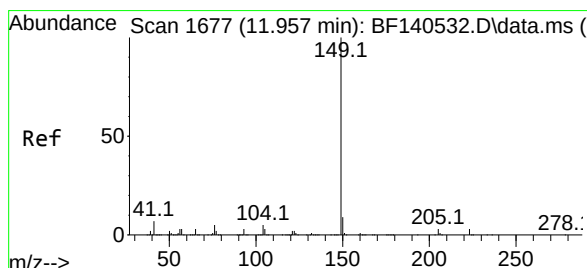
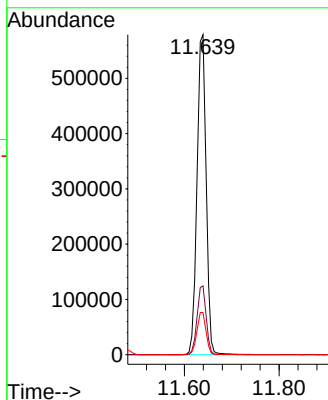
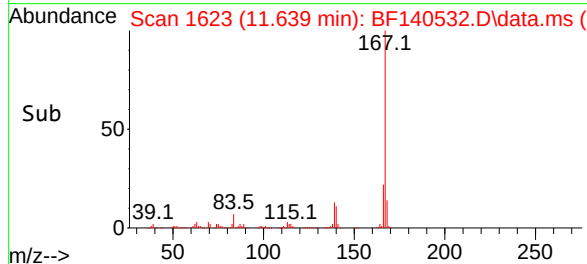
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



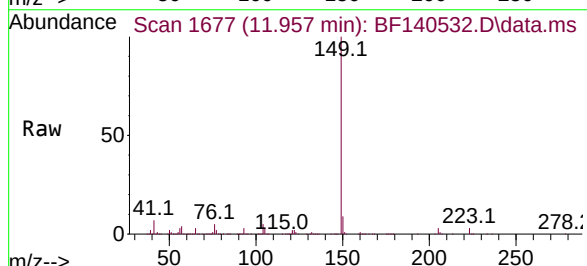
Tgt Ion:167 Resp: 778112
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 13.2 10.6 15.8

Manual Integrations
APPROVED

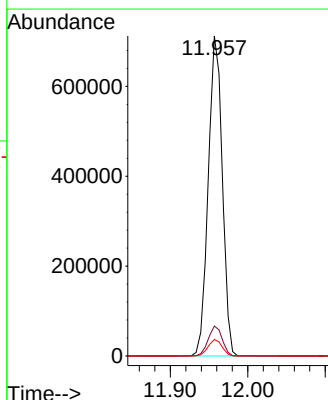
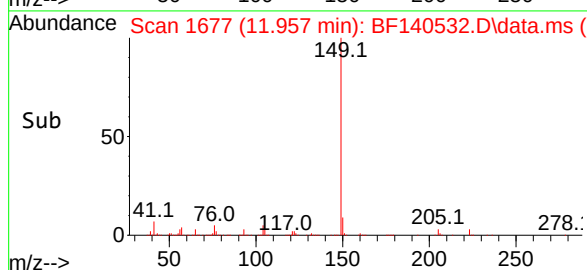
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

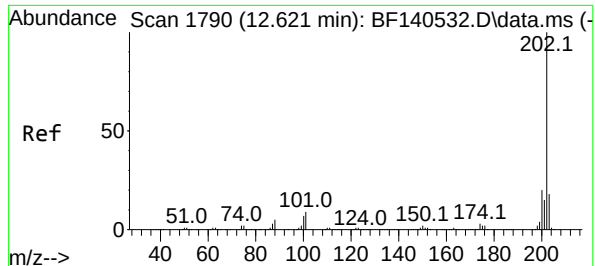


#74
Di-n-butylphthalate
Concen: 39.186 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58



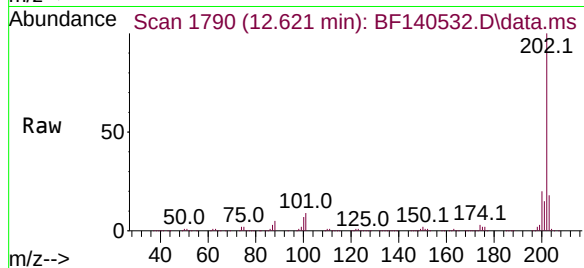
Tgt Ion:149 Resp: 895236
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 38.845 ng
RT: 12.621 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

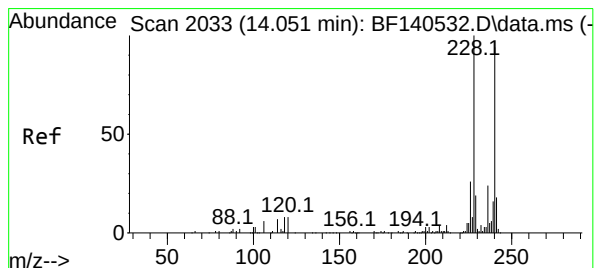
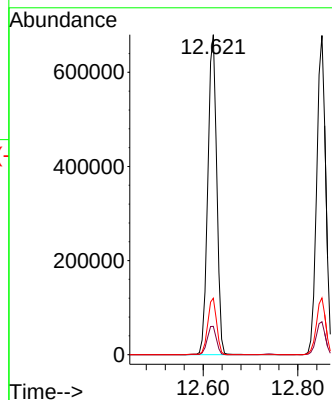
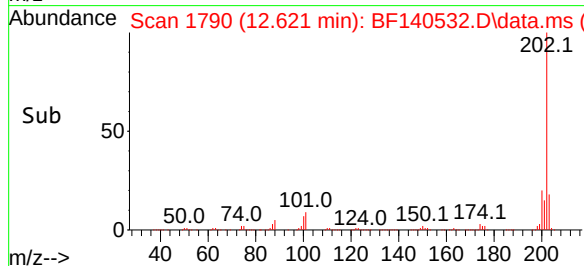
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 886900
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.6 0.0 37.6

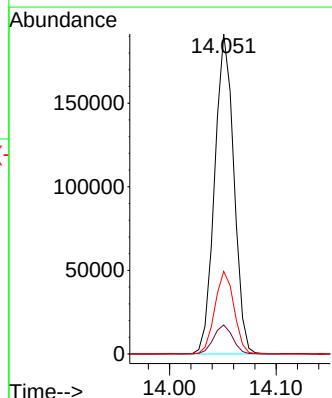
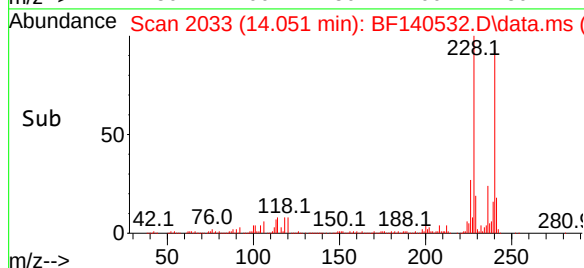
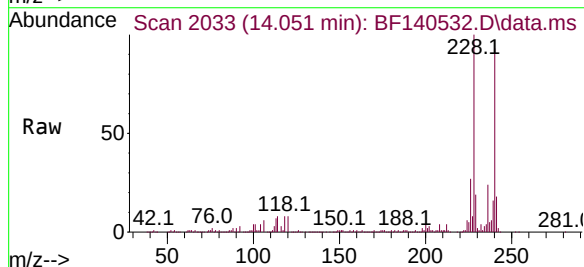
Manual Integrations
APPROVED

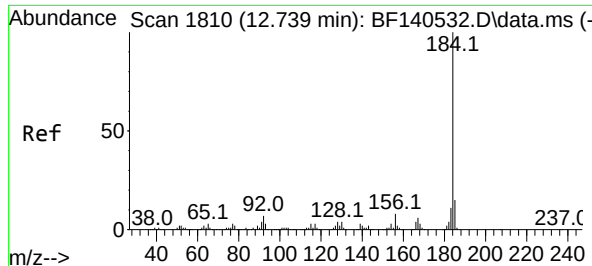
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

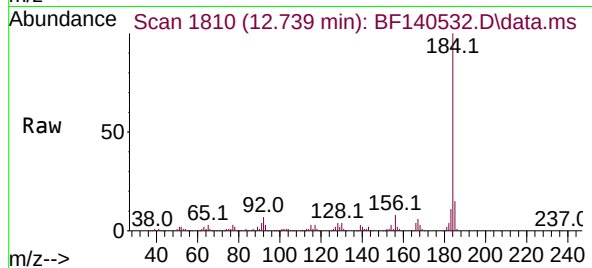
Tgt Ion:240 Resp: 239343
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.8 20.6 31.0





#77
Benzidine
Concen: 39.525 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

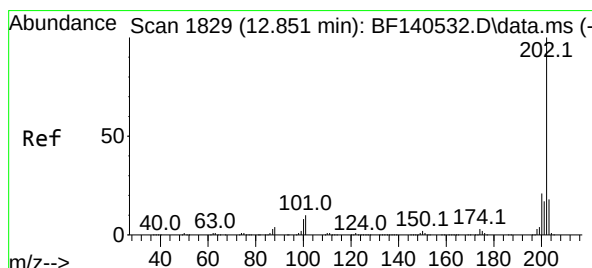
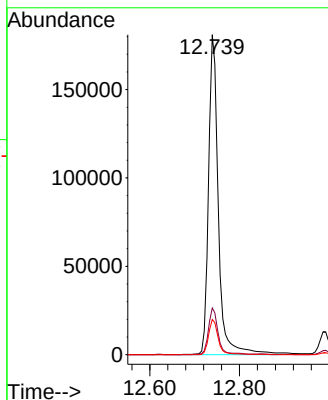
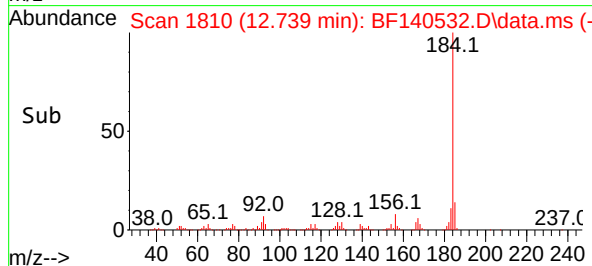
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 27504
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.0 8.8 13.2

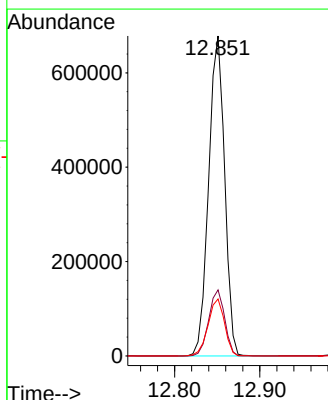
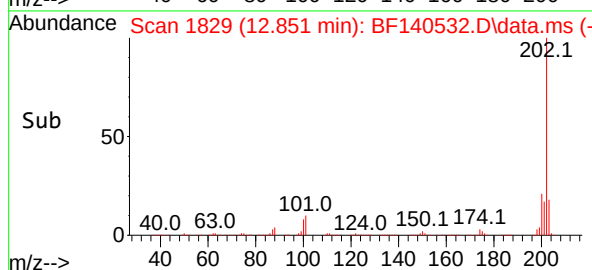
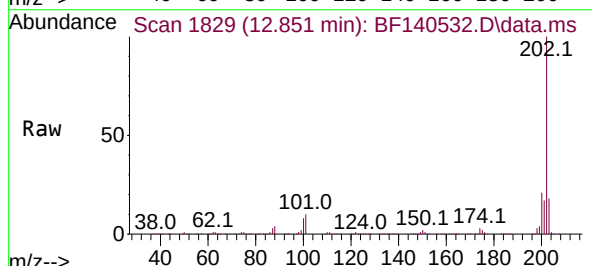
Manual Integrations
APPROVED

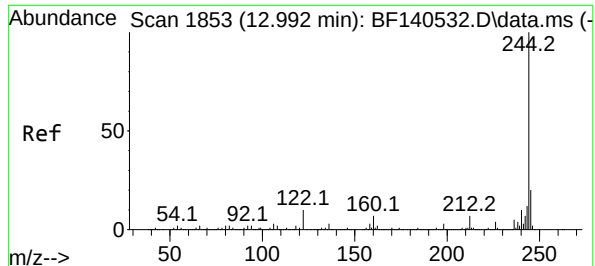
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#78
Pyrene
Concen: 40.090 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:202 Resp: 887193
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 79.896 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF140532.D

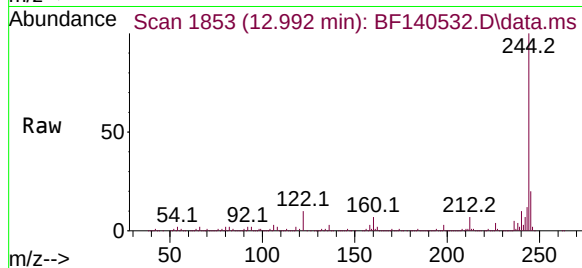
Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



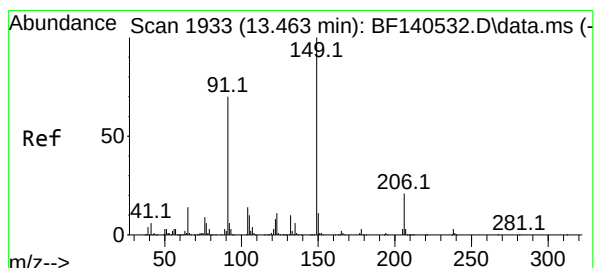
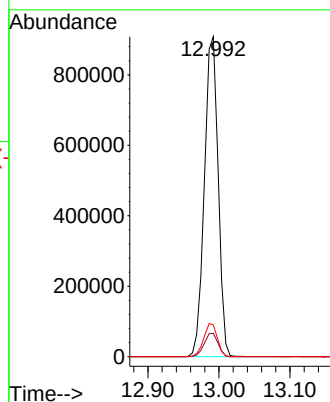
Tgt Ion:	244	Resp:	1228064
Ion Ratio	100	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.0	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 40.751 ng

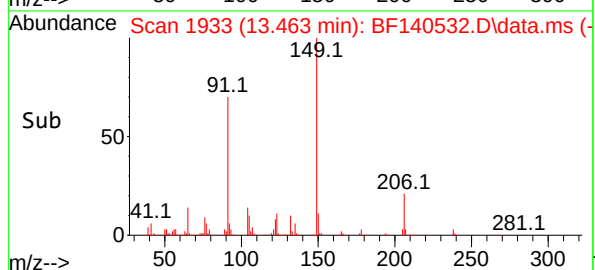
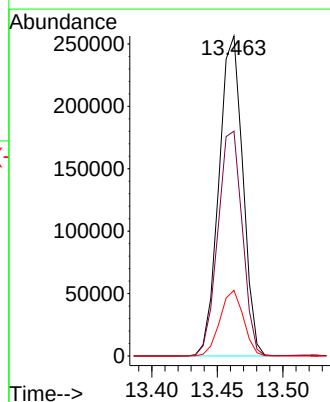
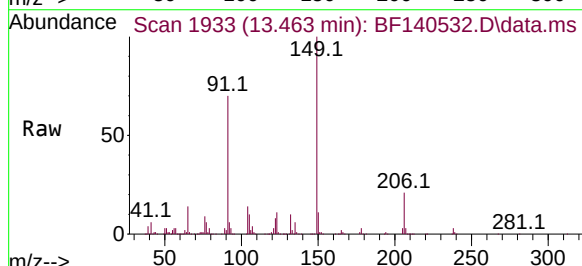
RT: 13.463 min Scan# 1933

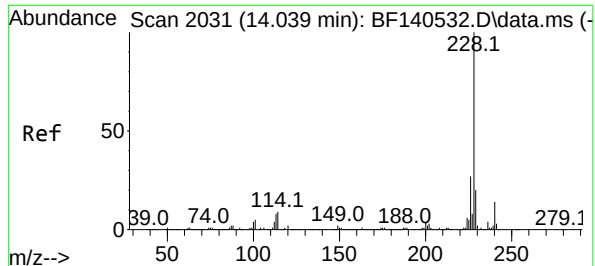
Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

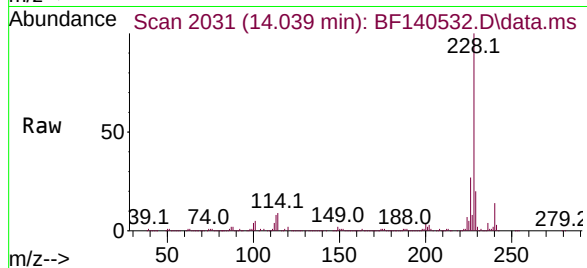
Tgt Ion:	149	Resp:	324879
Ion Ratio	100	Lower	Upper
149	100		
91	70.2	56.2	84.2
206	20.5	16.4	24.6





#81
Benzo(a)anthracene
Concen: 38.868 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

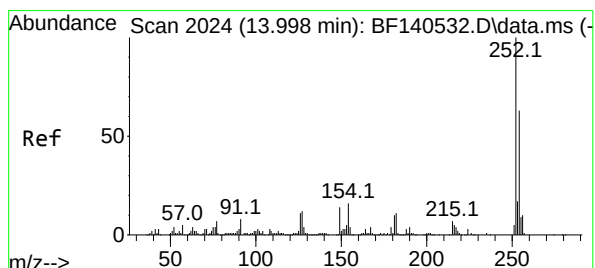
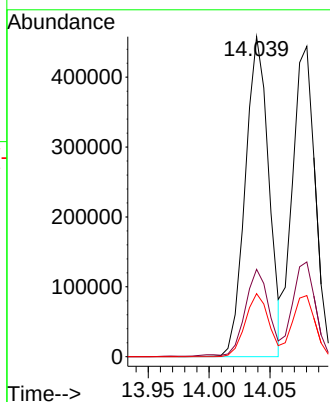
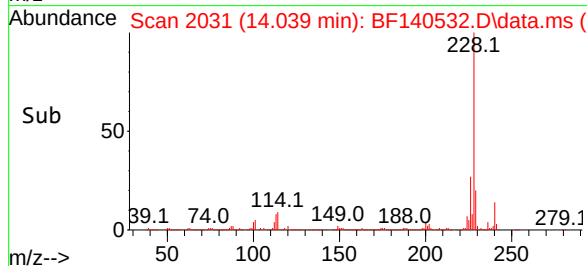
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



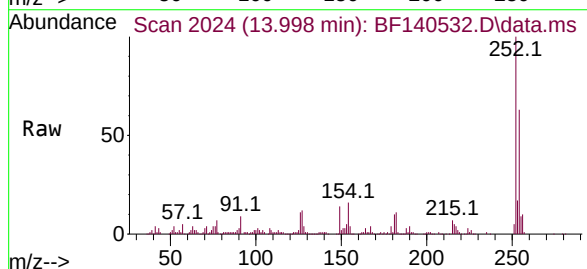
Tgt Ion:228 Resp: 615808
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations
APPROVED

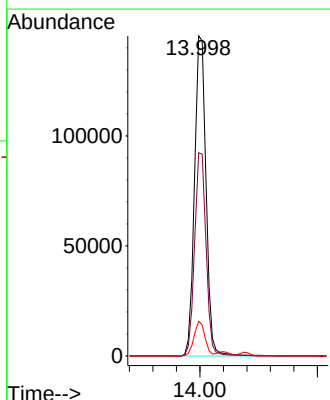
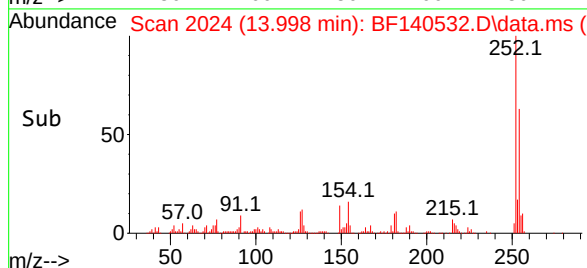
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

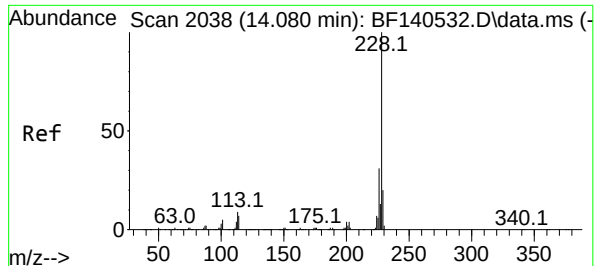


#82
3,3'-Dichlorobenzidine
Concen: 41.554 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58



Tgt Ion:252 Resp: 197667
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 10.8 8.6 13.0





#83

Chrysene

Concen: 39.696 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 575079

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

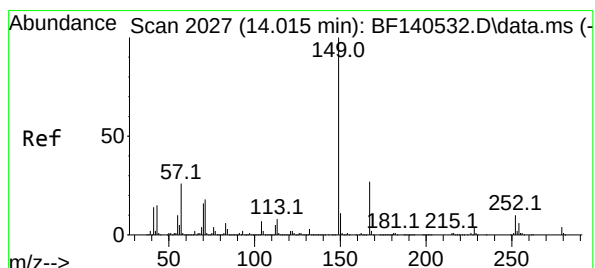
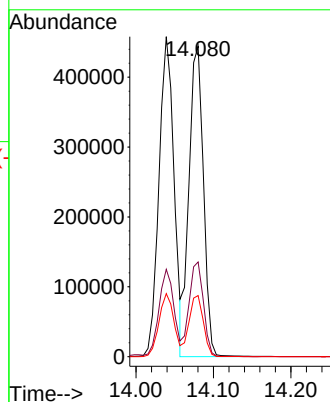
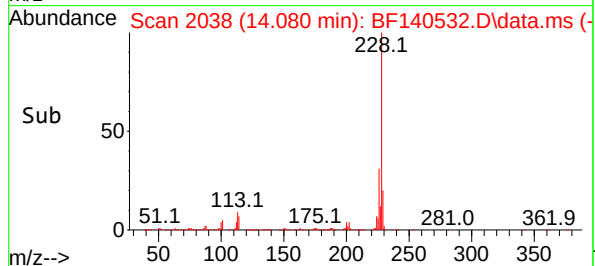
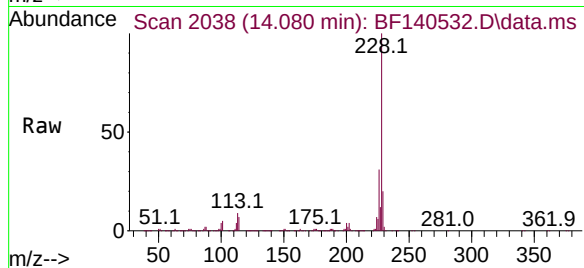
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.604 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

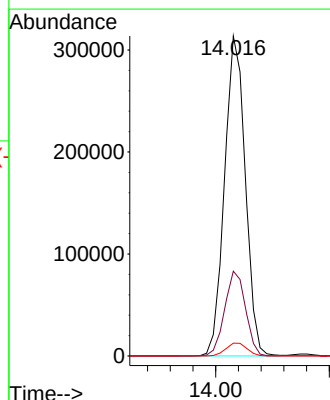
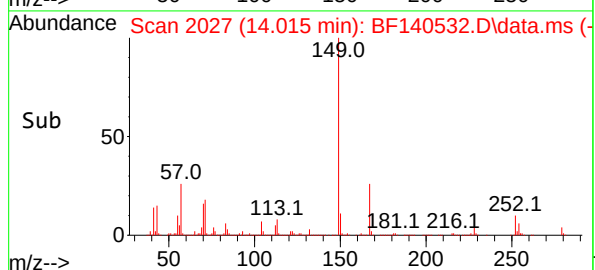
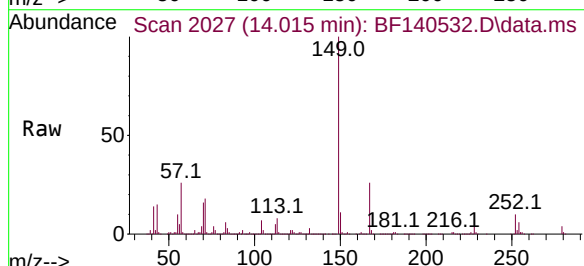
Tgt Ion:149 Resp: 398677

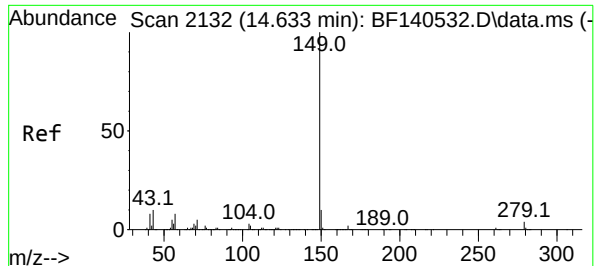
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

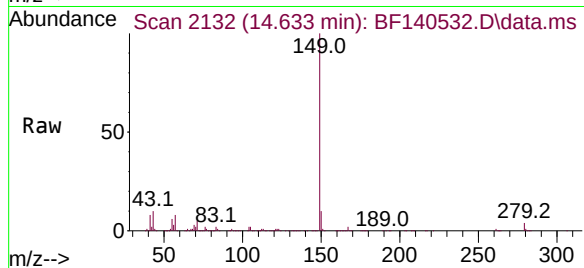
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 39.393 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

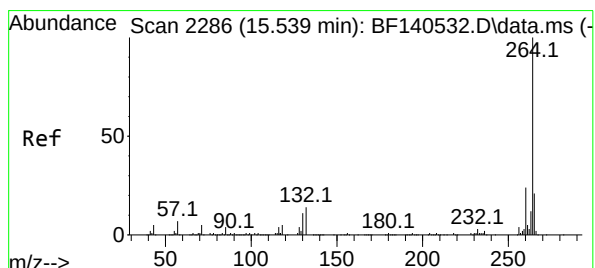
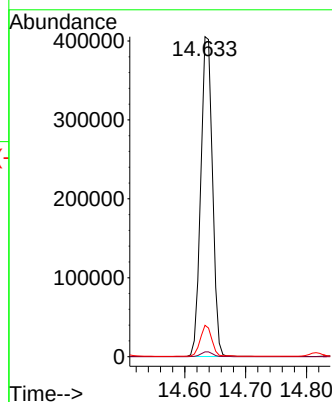
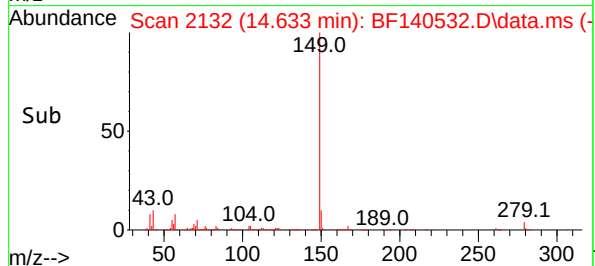
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 54193
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.7 11.5

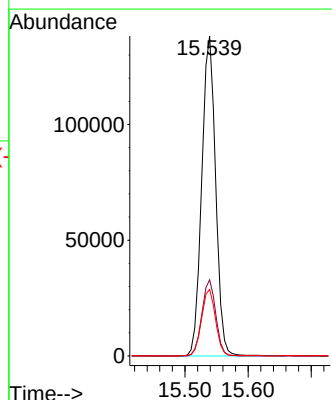
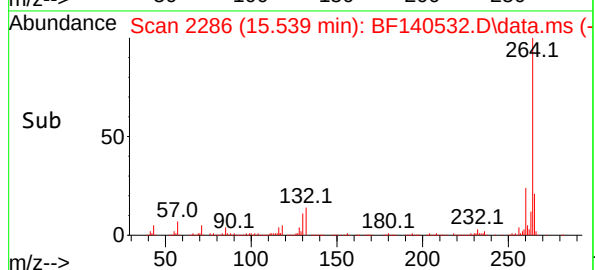
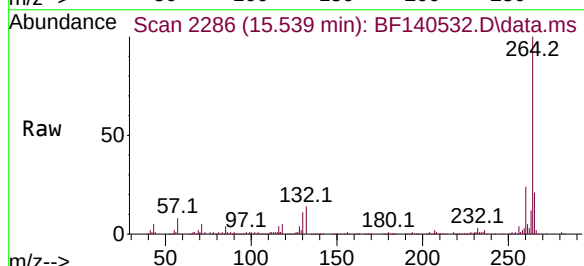
Manual Integrations
APPROVED

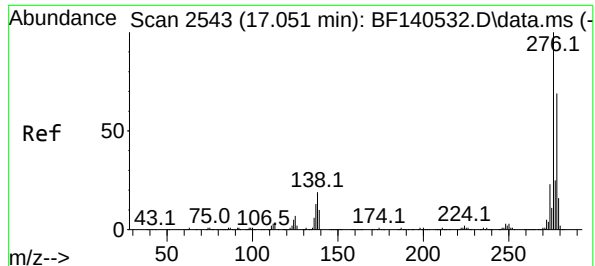
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:264 Resp: 211422
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 20.8 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.034 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

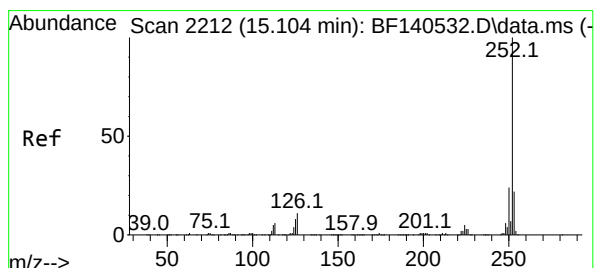
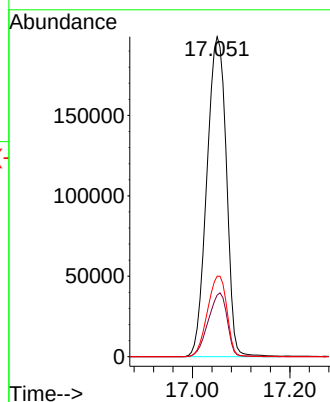
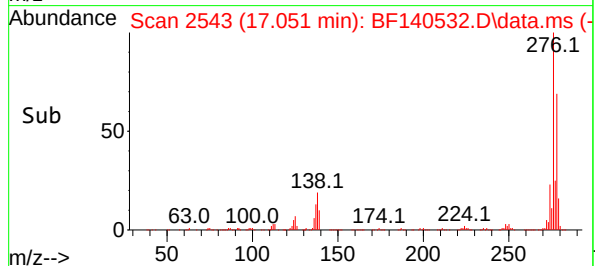
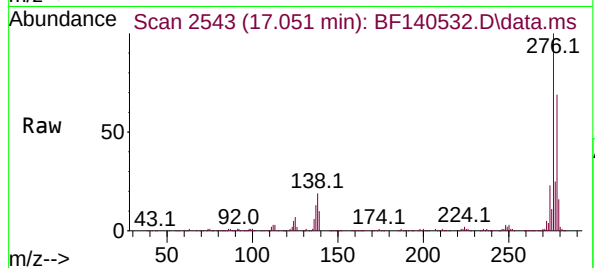
SSTDICCC040

Tgt Ion:276 Resp: 551590
Ion Ratio Lower Upper
276 100
138 19.4 15.5 23.3
277 25.1 20.1 30.1

Manual Integrations

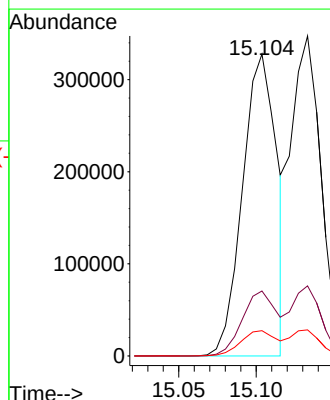
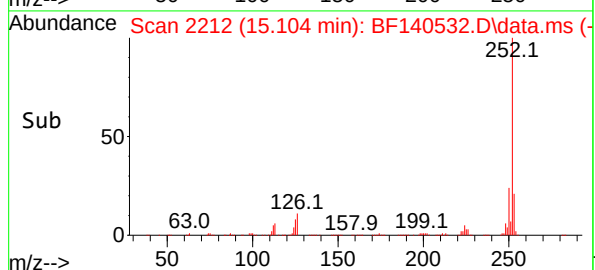
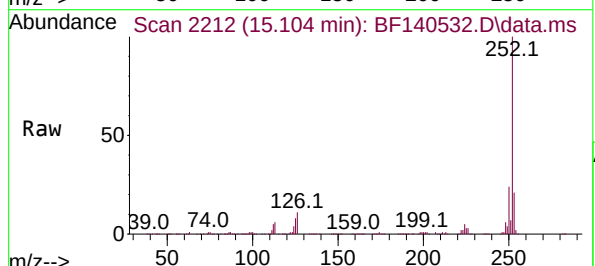
APPROVED

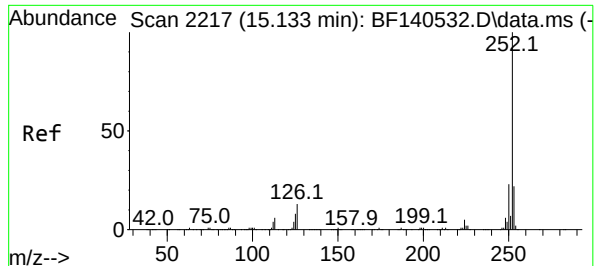
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#88
Benzo(b)fluoranthene
Concen: 37.772 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:252 Resp: 501607
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 40.067 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 465620

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

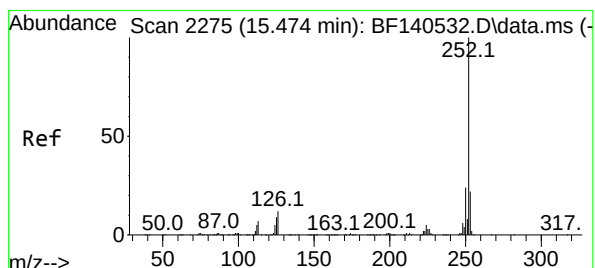
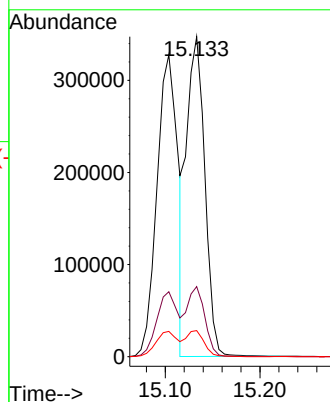
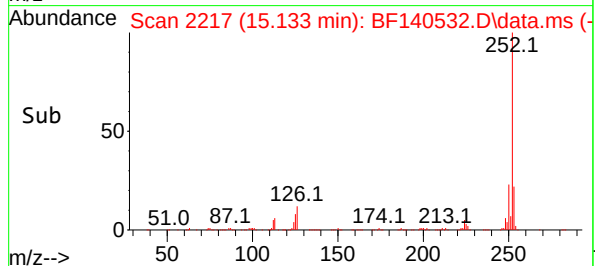
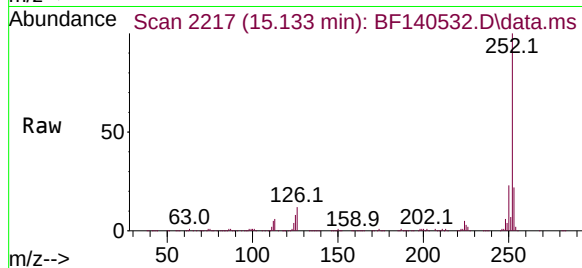
125 8.1 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 39.444 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

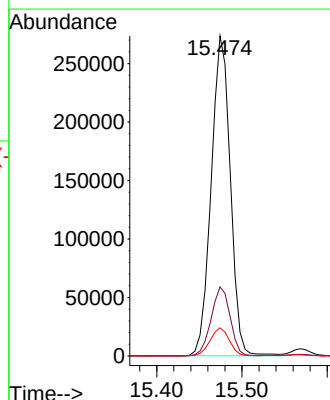
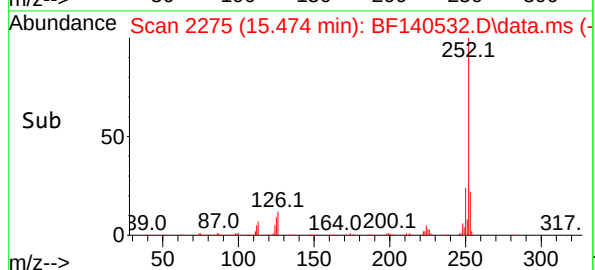
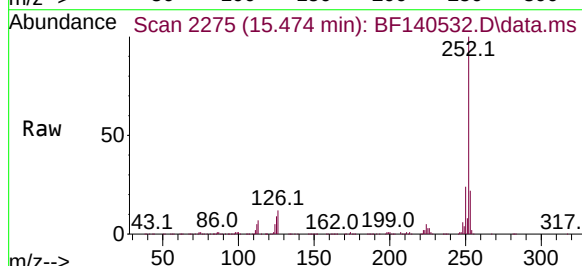
Tgt Ion:252 Resp: 425894

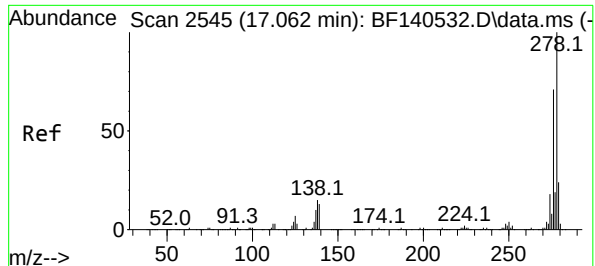
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

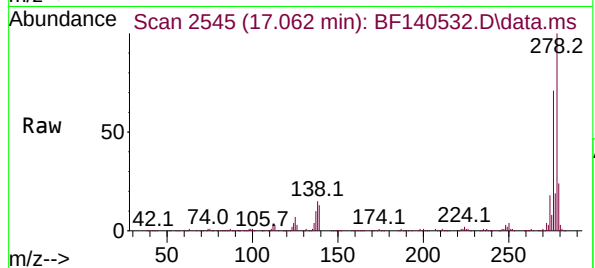
125 8.8 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 40.022 ng
RT: 17.062 min Scan# 2545
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

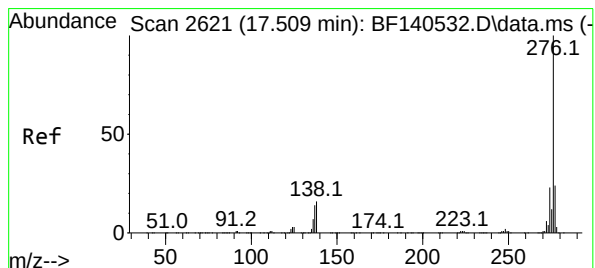
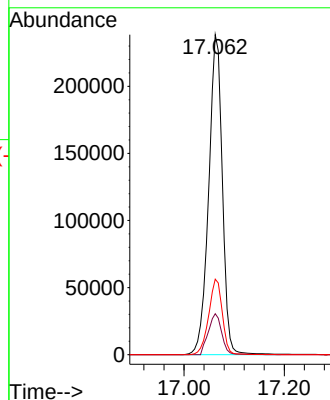
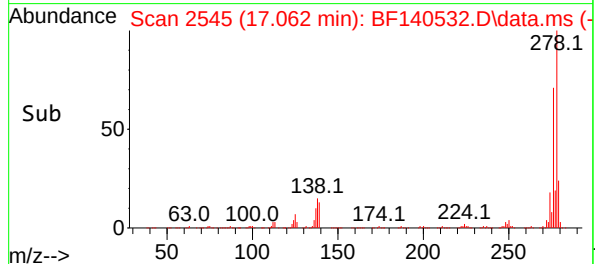
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 451597
Ion Ratio Lower Upper
278 100
139 12.8 10.2 15.4
279 23.6 18.9 28.3

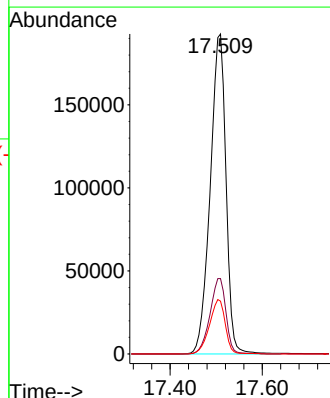
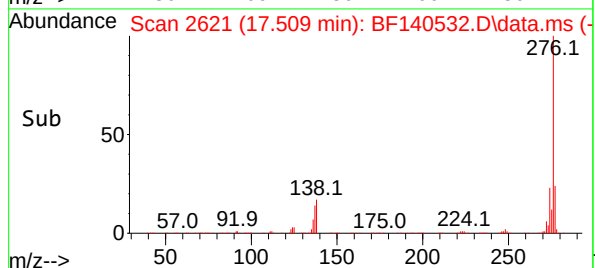
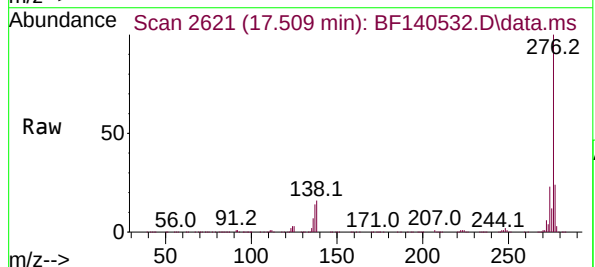
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 39.861 ng
RT: 17.509 min Scan# 2621
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:276 Resp: 458972
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 16.5 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140533.D
 Acq On : 21 Nov 2024 13:25
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 21 15:13:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	117539	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	425301	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	233869	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	432727	20.000	ng	0.00
76) Chrysene-d12	14.057	240	241266	20.000	ng	0.00
86) Perylene-d12	15.545	264	219139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	656695	95.327	ng	0.00
7) Phenol-d6	6.522	99	860924	94.531	ng	0.00
23) Nitrobenzene-d5	7.445	82	801144	96.352	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	245159	98.015	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1467020	93.462	ng	0.00
79) Terphenyl-d14	12.992	244	1481875	95.640	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	132951	45.902	ng	99
3) Pyridine	3.416	79	312094	48.973	ng	97
4) n-Nitrosodimethylamine	3.387	42	185759	49.595	ng	99
6) Aniline	6.545	93	306198	47.767	ng	99
8) 2-Chlorophenol	6.669	128	352950	47.623	ng	97
9) Benzaldehyde	6.428	77	220959	45.830	ng	100
10) Phenol	6.534	94	444859	47.830	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	336892	47.335	ng	100
12) 1,3-Dichlorobenzene	6.816	146	395334	47.472	ng	99
13) 1,4-Dichlorobenzene	6.892	146	399191	47.341	ng	100
14) 1,2-Dichlorobenzene	7.045	146	372552	47.151	ng	98
15) Benzyl Alcohol	7.022	79	327081	48.428	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	392372	46.665	ng	93
17) 2-Methylphenol	7.134	107	280882	47.344	ng	98
18) Hexachloroethane	7.386	117	151045	47.961	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	251453	46.718	ng	99
20) 3+4-Methylphenols	7.292	107	355860	46.666	ng	95
22) Acetophenone	7.286	105	492194	47.469	ng	98
24) Nitrobenzene	7.463	77	412860	48.043	ng	99
25) Isophorone	7.698	82	668649	48.214	ng	100
26) 2-Nitrophenol	7.775	139	189056	49.644	ng	99
27) 2,4-Dimethylphenol	7.816	122	217017	47.628	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	402409	47.630	ng	100
29) 2,4-Dichlorophenol	8.022	162	295023	48.863	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	336812	48.858	ng	98
31) Naphthalene	8.181	128	1055423	48.178	ng	100
32) Benzoic acid	7.957	122	196545	49.333	ng	99
33) 4-Chloroaniline	8.233	127	322212	49.125	ng	99
34) Hexachlorobutadiene	8.292	225	221707	48.555	ng	99
35) Caprolactam	8.616	113	90596	48.486	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	326418	48.287	ng	99
37) 2-Methylnaphthalene	8.869	142	662592	47.620	ng	100
38) 1-Methylnaphthalene	8.969	142	649248	47.603	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	328190	47.935	ng	99
41) Hexachlorocyclopentadiene	9.016	237	70831	49.123	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	212974	49.574	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140533.D
 Acq On : 21 Nov 2024 13:25
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

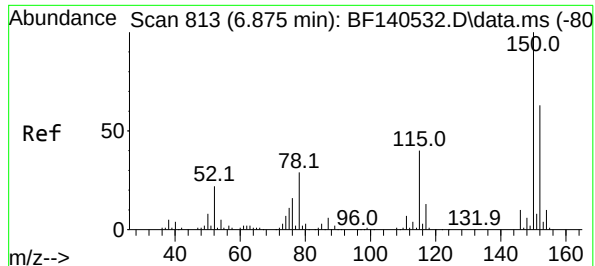
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	227840	48.866	ng	98
46) 1,1'-Biphenyl	9.333	154	834139	47.772	ng	99
47) 2-Chloronaphthalene	9.363	162	632459	47.803	ng	99
48) 2-Nitroaniline	9.457	65	212420	50.020	ng	98
49) Acenaphthylene	9.775	152	951784	47.612	ng	99
50) Dimethylphthalate	9.639	163	740559	48.081	ng	99
51) 2,6-Dinitrotoluene	9.704	165	169989	48.663	ng	96
52) Acenaphthene	9.951	154	615149	47.524	ng	99
53) 3-Nitroaniline	9.875	138	169234	49.534	ng	96
54) 2,4-Dinitrophenol	9.980	184	84985	50.205	ng	99
55) Dibenzofuran	10.122	168	911771	47.061	ng	99
56) 4-Nitrophenol	10.045	139	124021	53.227	ng	98
57) 2,4-Dinitrotoluene	10.110	165	225762	48.629	ng	98
58) Fluorene	10.463	166	738453	47.486	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	178549	49.828	ng	97
60) Diethylphthalate	10.333	149	755358	48.268	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	361856	47.414	ng	100
62) 4-Nitroaniline	10.492	138	180999	50.512	ng	99
63) Azobenzene	10.616	77	704370	47.529	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	119290	53.947	ng	99
66) n-Nitrosodiphenylamine	10.574	169	623715	48.740	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	216523	48.587	ng	97
68) Hexachlorobenzene	11.016	284	251498	48.739	ng	100
69) Atrazine	11.098	200	159048	44.180	ng	99
70) Pentachlorophenol	11.210	266	124128	54.656	ng	99
71) Phenanthrene	11.427	178	1000897	48.118	ng	100
72) Anthracene	11.480	178	978923	48.111	ng	100
73) Carbazole	11.639	167	948090	48.436	ng	99
74) Di-n-butylphthalate	11.957	149	1105032	48.899	ng	100
75) Fluoranthene	12.621	202	1080641	47.849	ng	100
77) Benzidine	12.745	184	442856	63.133	ng	100
78) Pyrene	12.851	202	1080149	48.420	ng	100
80) Butylbenzylphthalate	13.463	149	394867	49.136	ng	99
81) Benzo(a)anthracene	14.045	228	780853	48.892	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	244892	51.072	ng	99
83) Chrysene	14.080	228	685847	46.964	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	497161	48.994	ng	100
85) Di-n-octyl phthalate	14.645	149	692020	49.901	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	715720	50.117	ng	100
88) Benzo(b)fluoranthene	15.109	252	683919	49.687	ng	100
89) Benzo(k)fluoranthene	15.139	252	559704	46.467	ng	100
90) Benzo(a)pyrene	15.486	252	546539	48.835	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	588742	50.339	ng	99
92) Benzo(g,h,i)perylene	17.521	276	599158	50.203	ng	99

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

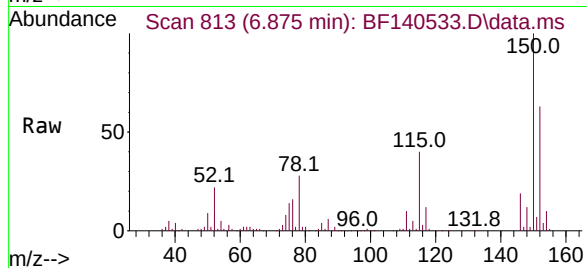
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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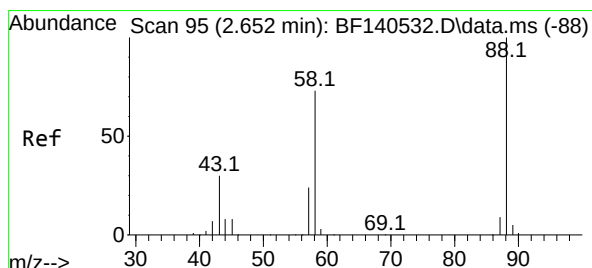
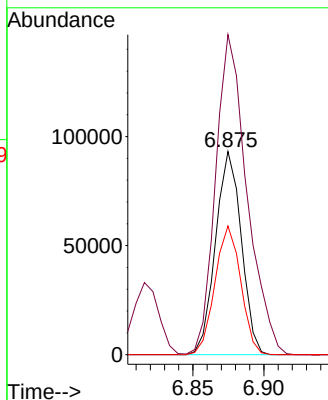
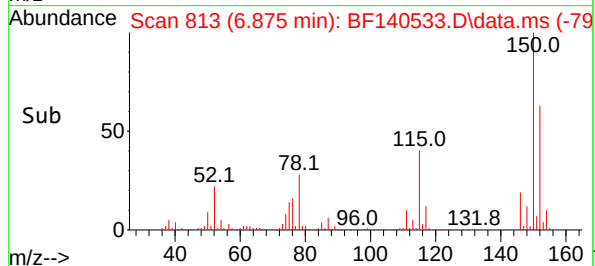


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

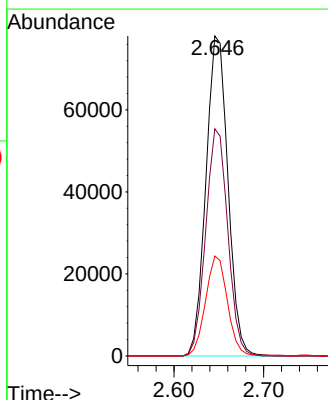
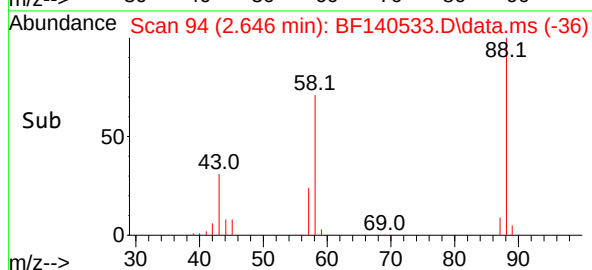
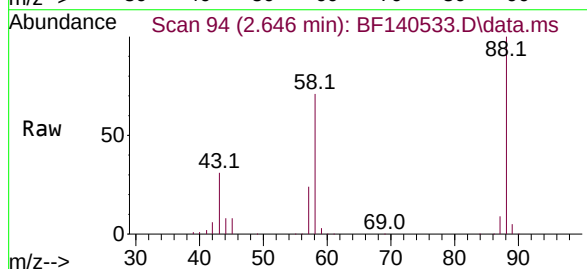


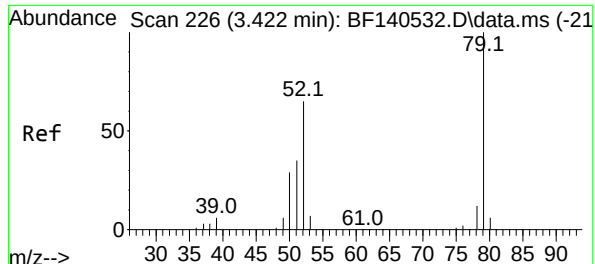
Tgt Ion:152 Resp: 117539
Ion Ratio Lower Upper
152 100
150 157.5 128.5 192.7
115 63.3 50.2 75.4



#2
1,4-Dioxane
Concen: 45.902 ng
RT: 2.646 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion: 88 Resp: 132951
Ion Ratio Lower Upper
88 100
58 71.1 57.4 86.2
43 31.0 24.3 36.5





#3

Pyridine

Concen: 48.973 ng

RT: 3.416 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

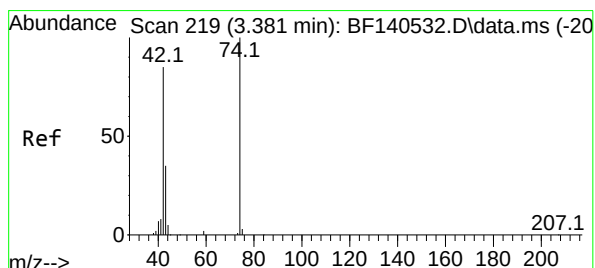
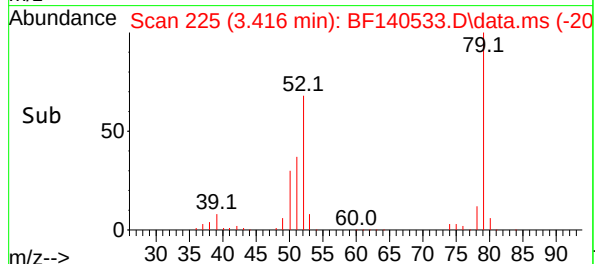
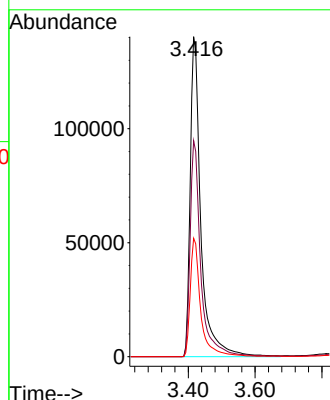
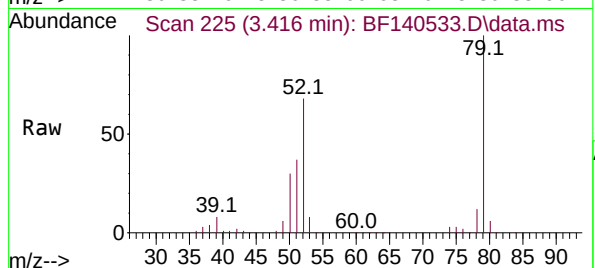
Tgt Ion: 79 Resp: 312094

Ion Ratio Lower Upper

79 100

52 67.5 52.1 78.1

51 37.0 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 49.595 ng

RT: 3.387 min Scan# 220

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

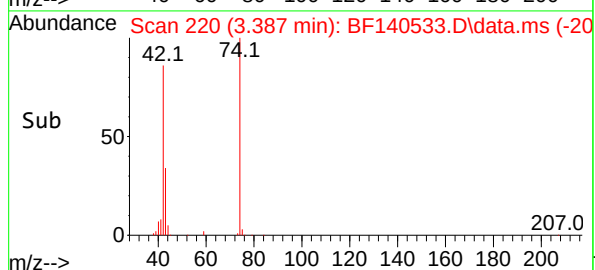
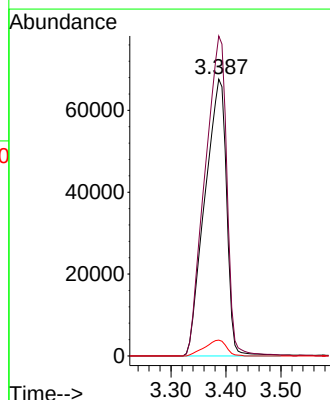
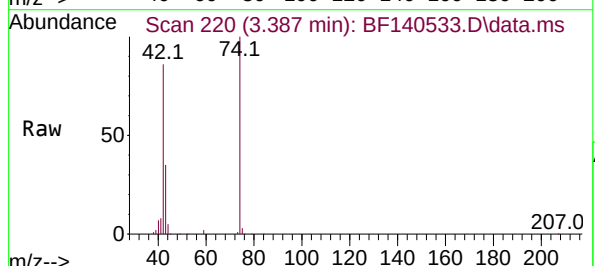
Tgt Ion: 42 Resp: 185759

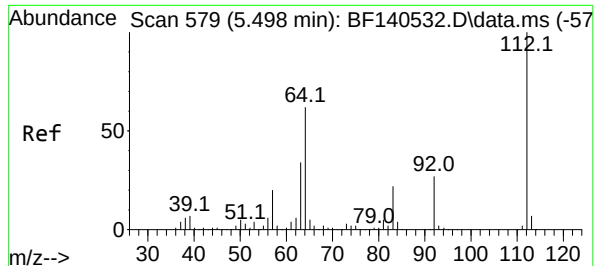
Ion Ratio Lower Upper

42 100

74 115.6 93.8 140.6

44 5.7 4.6 6.8

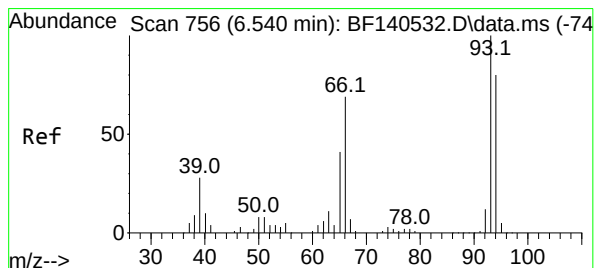
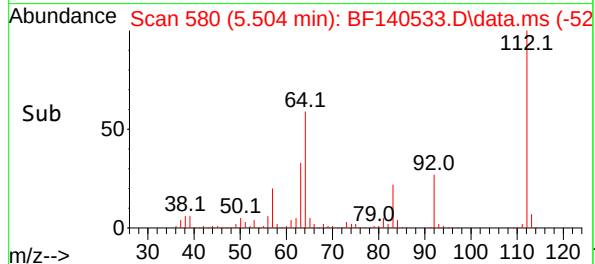
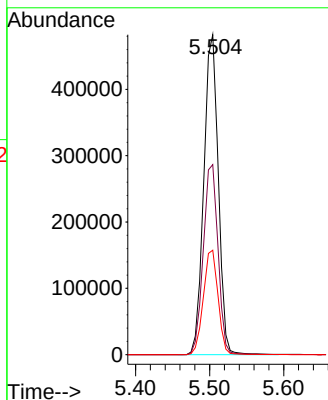
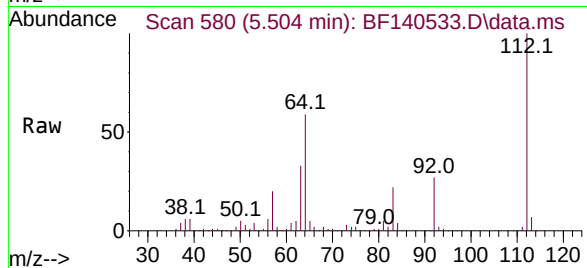




#5
2-Fluorophenol
Concen: 95.327 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

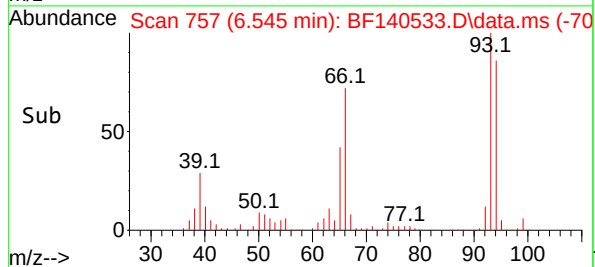
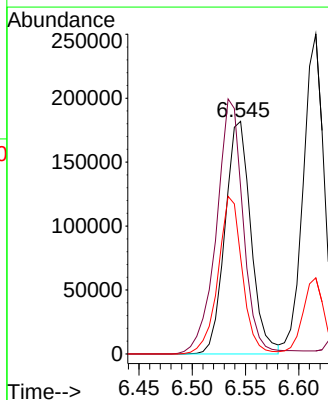
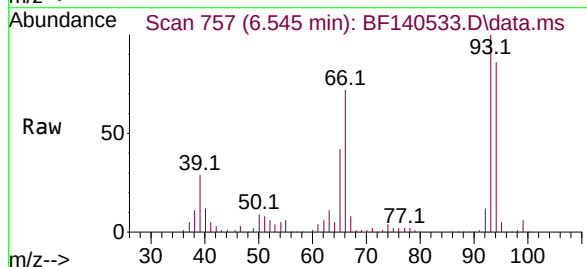
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

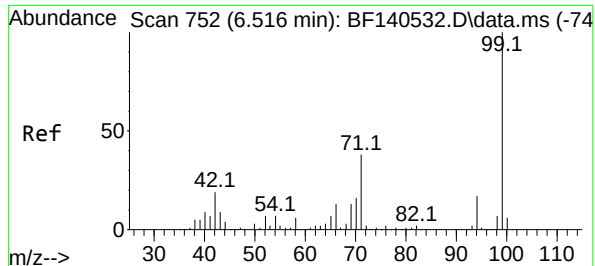
Tgt Ion:112 Resp: 656695
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 32.7 27.0 40.4



#6
Aniline
Concen: 47.767 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion: 93 Resp: 306198
Ion Ratio Lower Upper
93 100
66 71.8 56.5 84.7
65 41.5 32.9 49.3





#7

Phenol-d6

Concen: 94.531 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

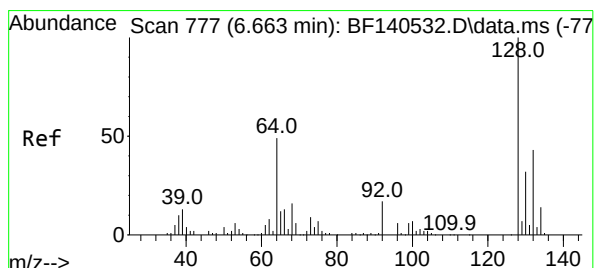
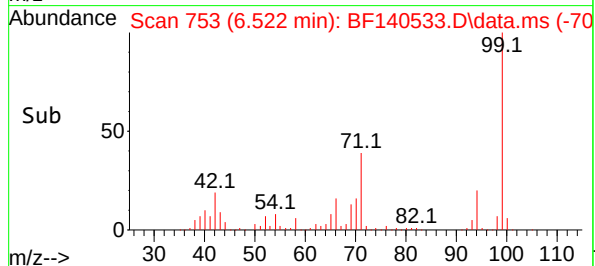
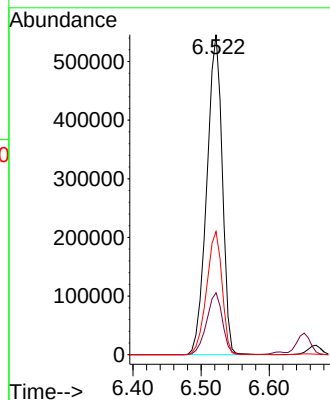
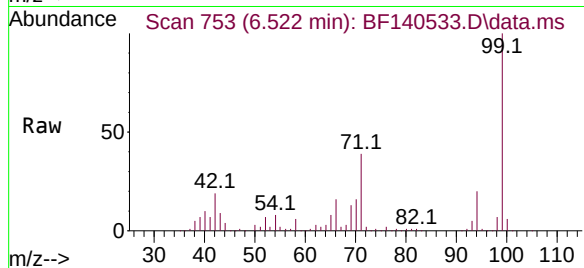
Tgt Ion: 99 Resp: 860924

Ion Ratio Lower Upper

99 100

42 19.3 15.4 23.0

71 38.5 30.6 46.0



#8

2-Chlorophenol

Concen: 47.623 ng

RT: 6.669 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

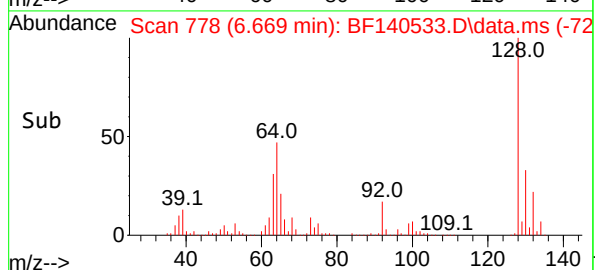
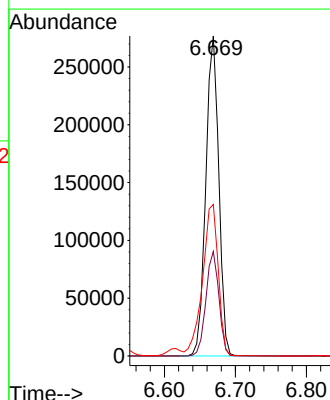
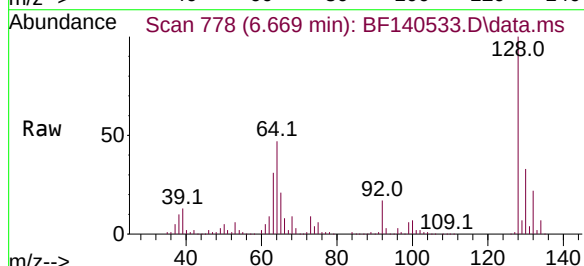
Tgt Ion:128 Resp: 352950

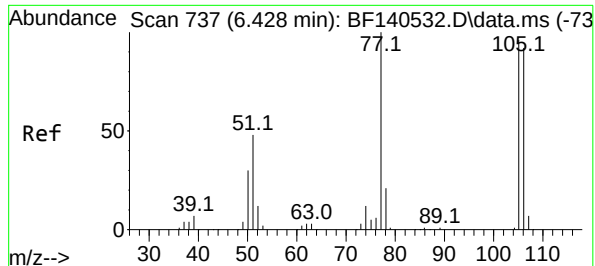
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 47.3 30.2 70.2





#9

Benzaldehyde

Concen: 45.830 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

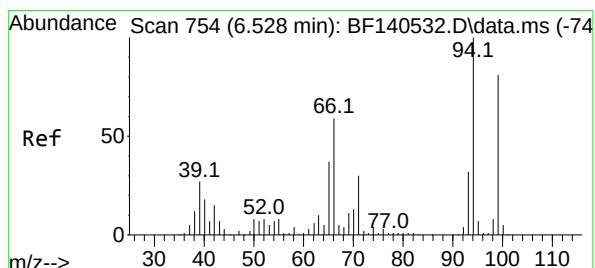
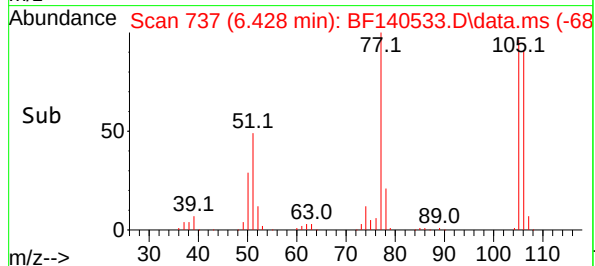
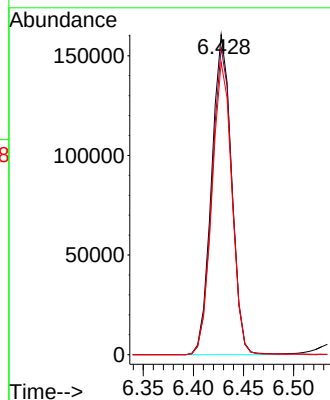
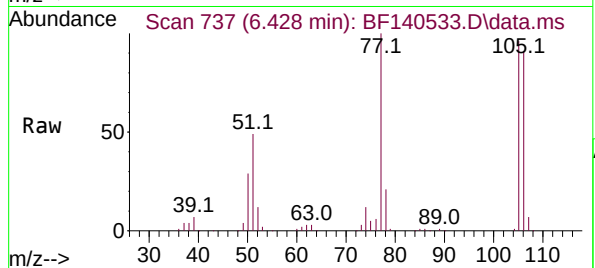
Tgt Ion: 77 Resp: 220959

Ion Ratio Lower Upper

77 100

105 95.9 75.6 115.6

106 91.4 72.0 112.0



#10

Phenol

Concen: 47.830 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

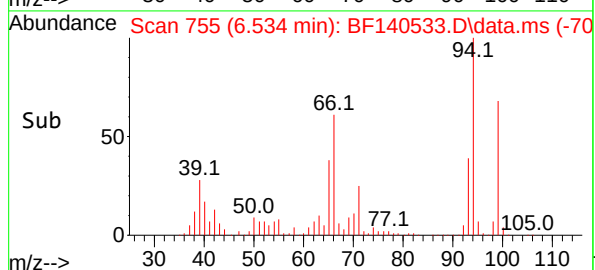
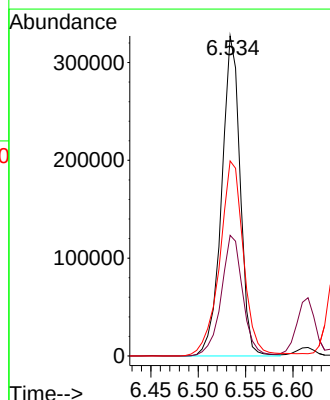
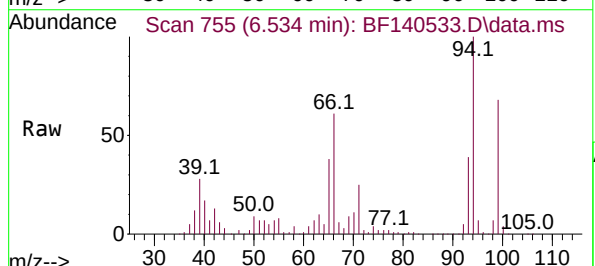
Tgt Ion: 94 Resp: 444859

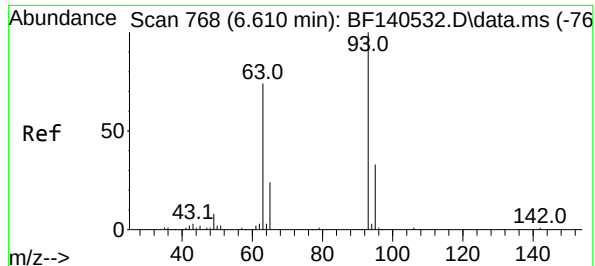
Ion Ratio Lower Upper

94 100

65 37.7 17.2 57.2

66 61.0 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 47.335 ng

RT: 6.616 min Scan# 768

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

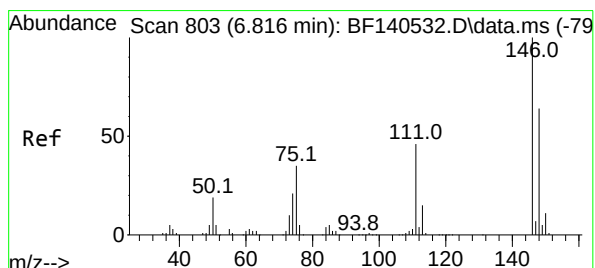
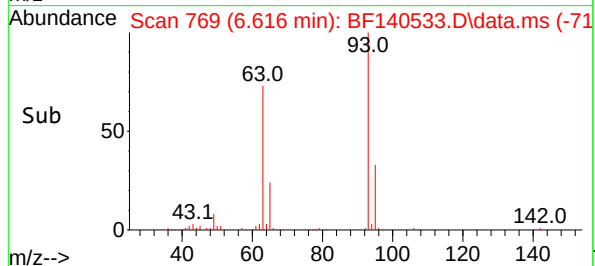
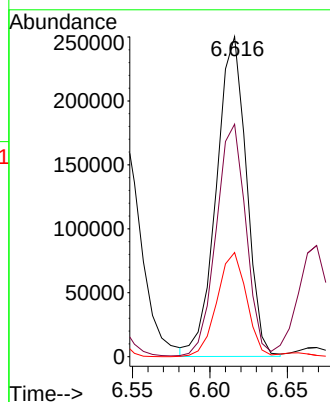
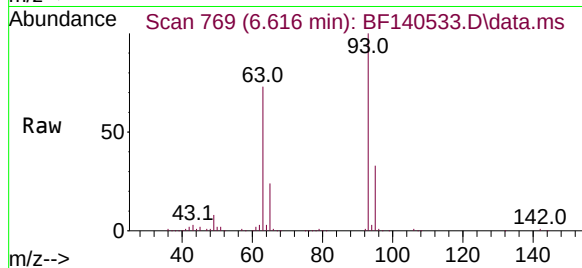
Tgt Ion: 93 Resp: 336892

Ion Ratio Lower Upper

93 100

63 72.7 52.8 92.8

95 32.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 47.472 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

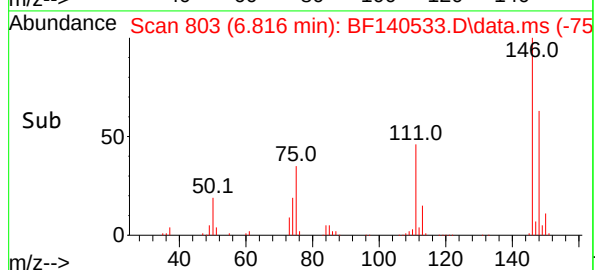
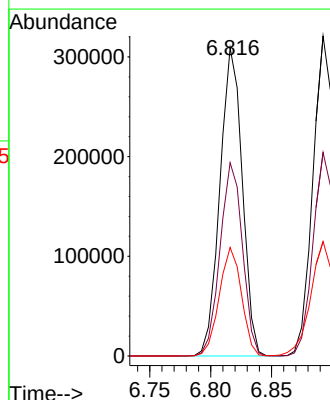
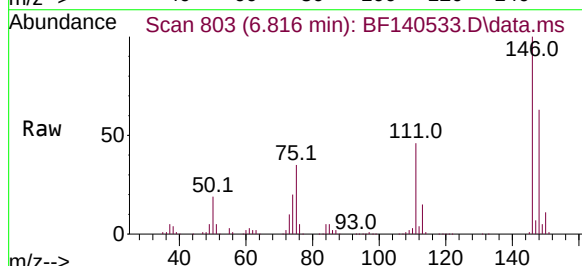
Tgt Ion:146 Resp: 395334

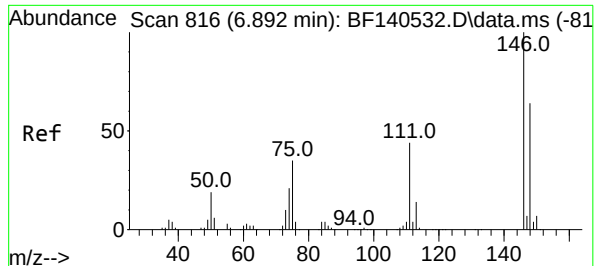
Ion Ratio Lower Upper

146 100

148 62.7 51.3 76.9

75 35.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 47.341 ng

RT: 6.892 min Scan# 816

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

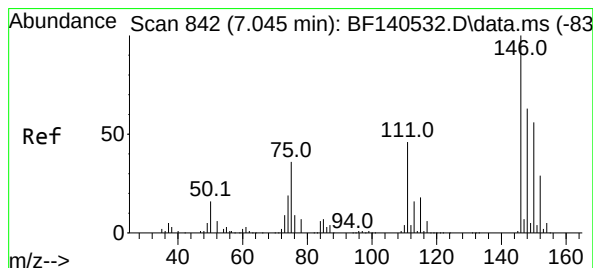
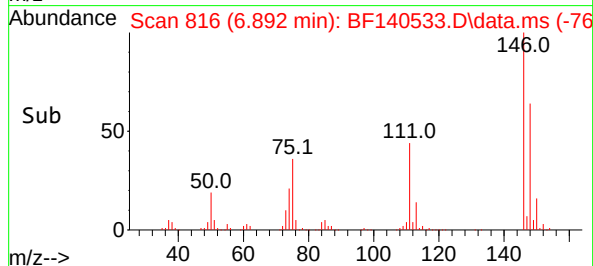
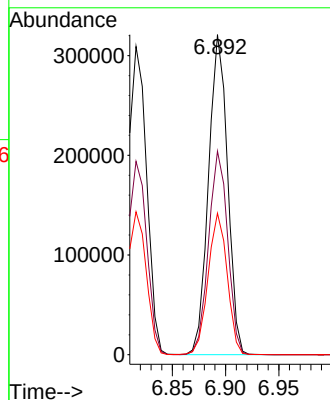
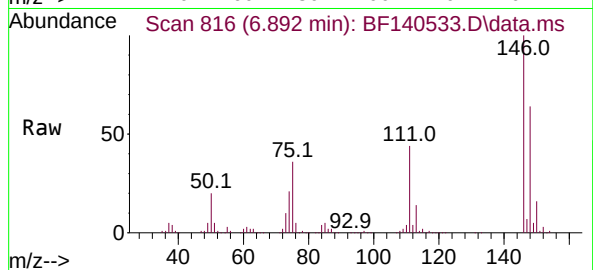
Tgt Ion:146 Resp: 399191

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 44.2 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 47.151 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

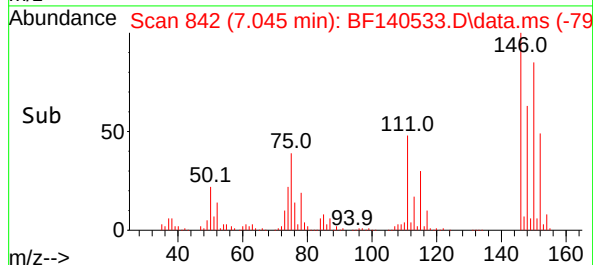
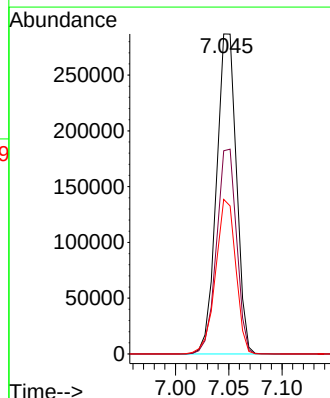
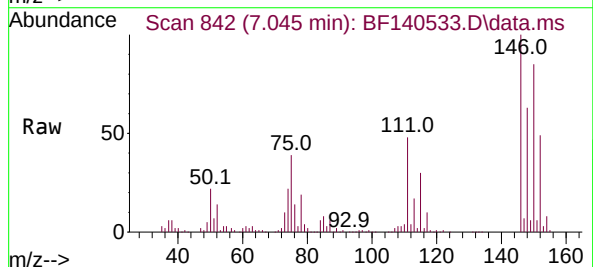
Tgt Ion:146 Resp: 372552

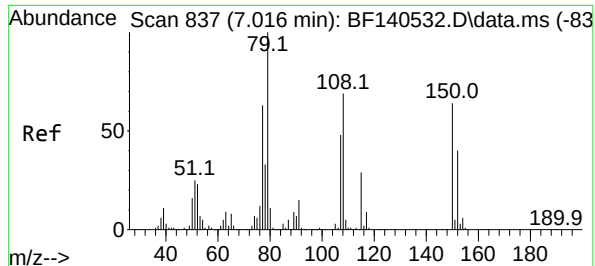
Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

111 48.3 36.7 55.1





#15

Benzyl Alcohol

Concen: 48.428 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

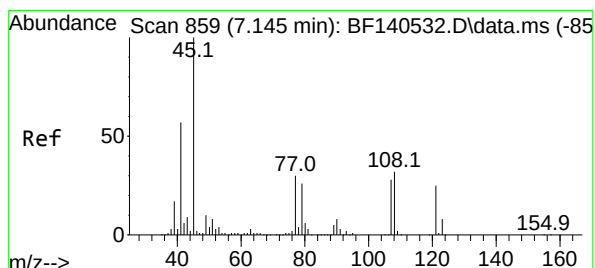
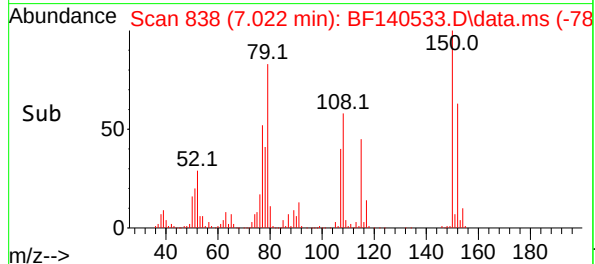
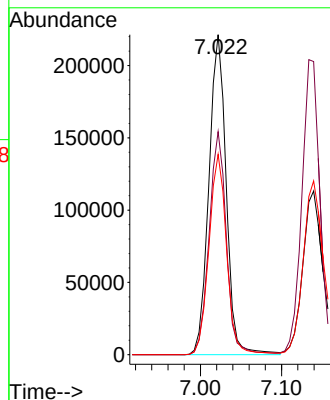
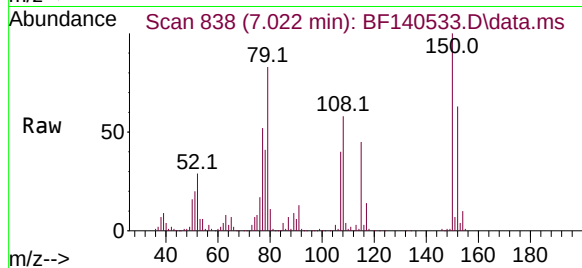
Tgt Ion: 79 Resp: 327081

Ion Ratio Lower Upper

79 100

108 69.7 55.0 82.6

77 62.6 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.665 ng

RT: 7.151 min Scan# 860

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

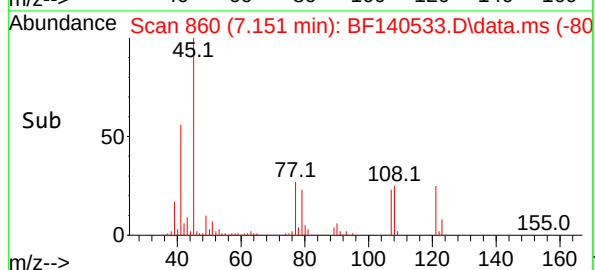
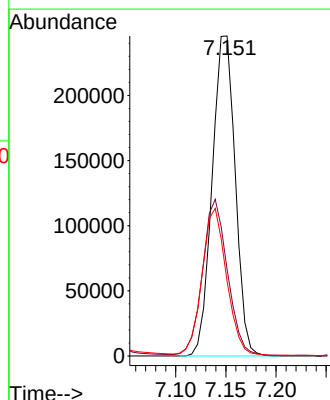
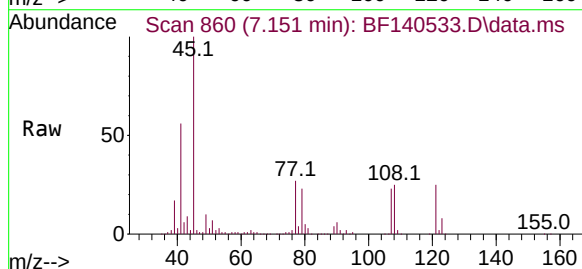
Tgt Ion: 45 Resp: 392372

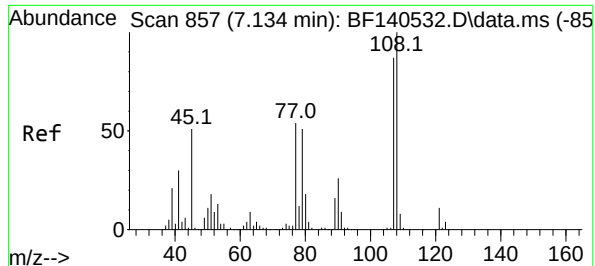
Ion Ratio Lower Upper

45 100

77 27.1 10.7 50.7

79 23.3 7.0 47.0

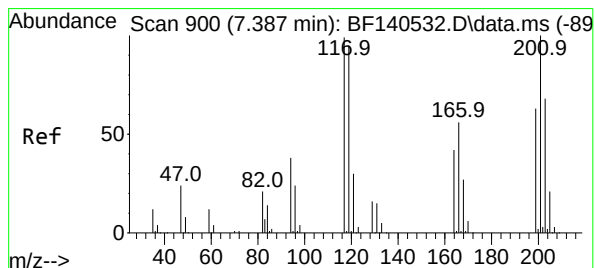
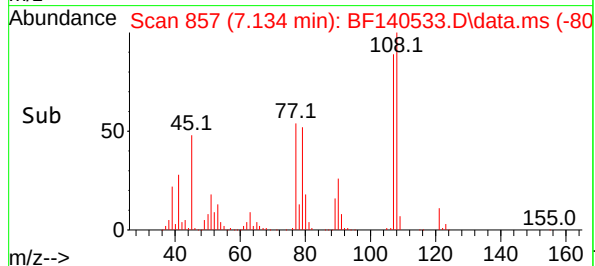
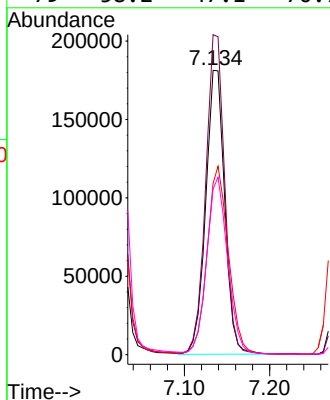
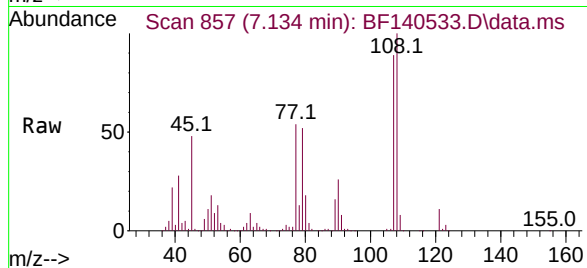




#17
2-Methylphenol
Concen: 47.344 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

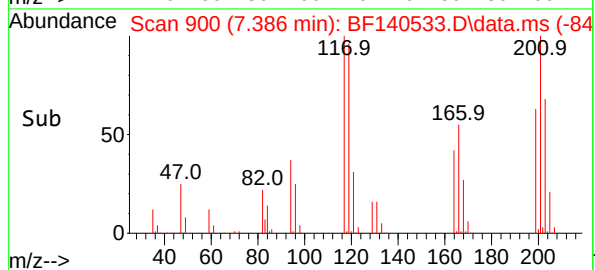
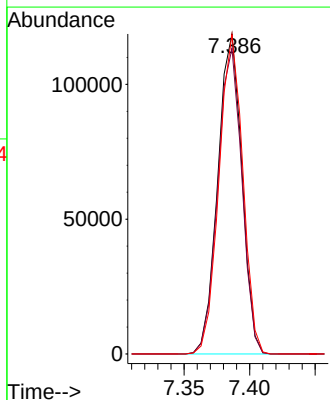
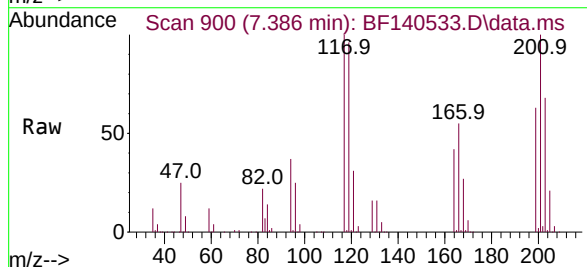
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

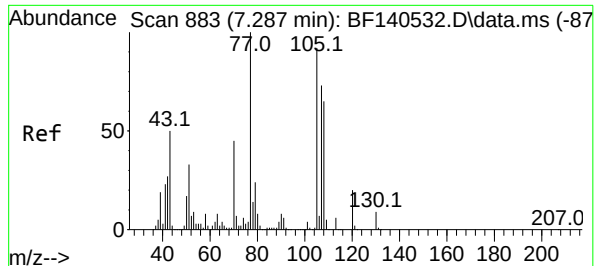
Tgt Ion:107 Resp: 280882
Ion Ratio Lower Upper
107 100
108 112.5 91.7 137.5
77 60.3 49.3 73.9
79 58.2 47.1 70.7



#18
Hexachloroethane
Concen: 47.961 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:117 Resp: 151045
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7
201 99.8 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 46.718 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 251453

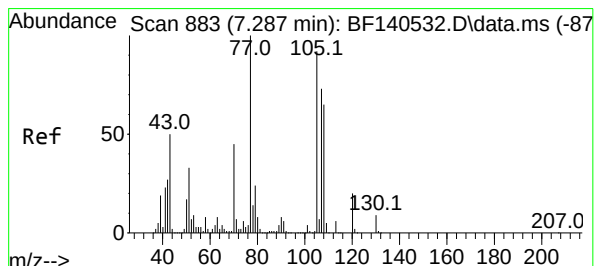
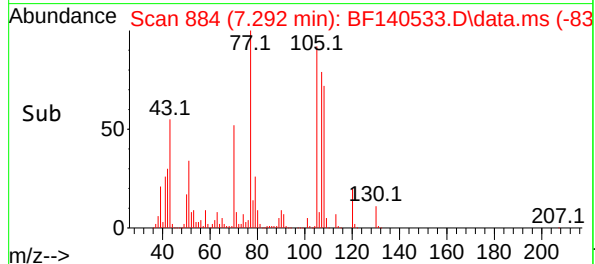
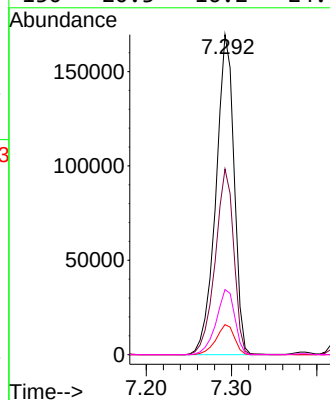
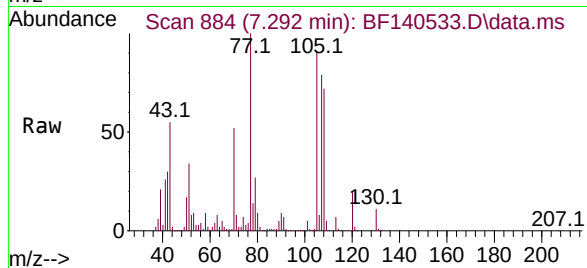
Ion Ratio Lower Upper

70 100

42 58.0 47.6 71.4

101 9.4 7.6 11.4

130 20.3 16.2 24.4



#20

3+4-Methylphenols

Concen: 46.666 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Tgt Ion:107 Resp: 355860

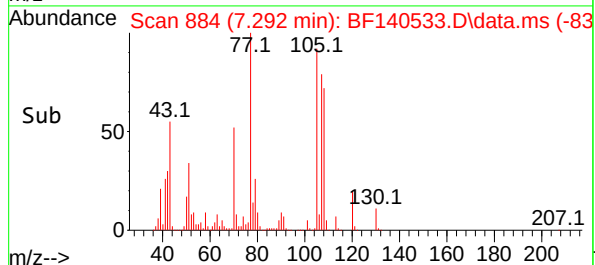
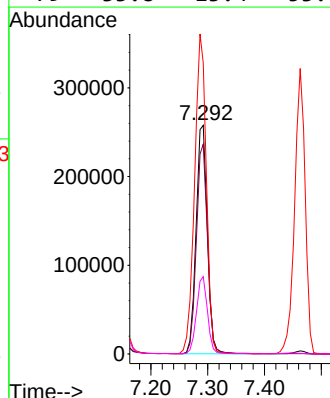
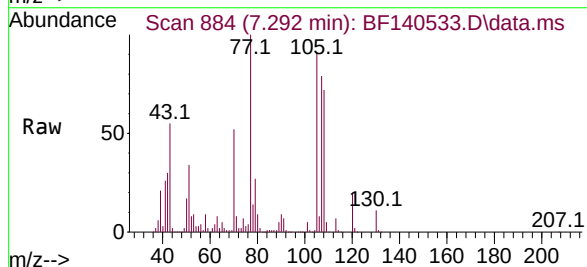
Ion Ratio Lower Upper

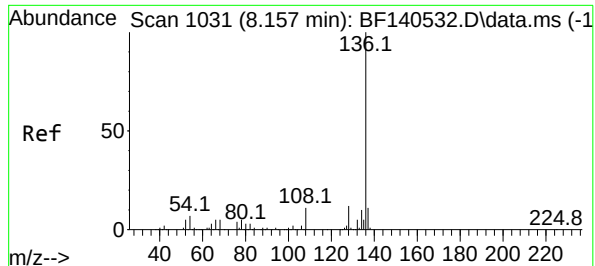
107 100

108 91.7 69.9 109.9

77 127.3 117.7 157.7

79 33.8 13.4 53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 425301

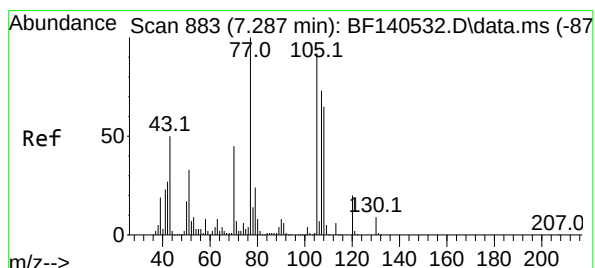
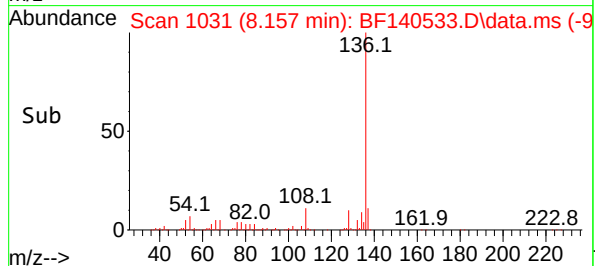
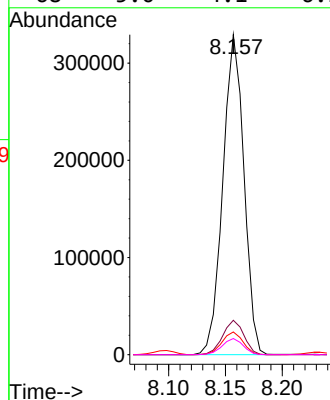
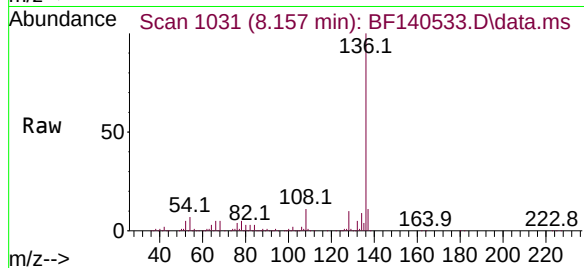
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.1 5.8 8.8

68 5.0 4.1 6.1



#22

Acetophenone

Concen: 47.469 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Tgt Ion:105 Resp: 492194

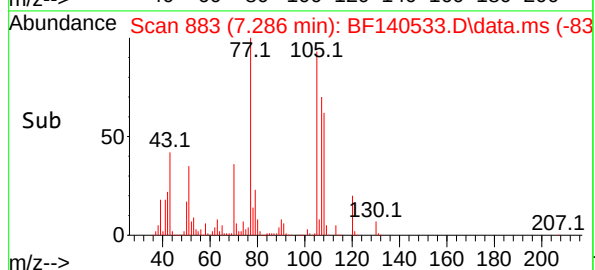
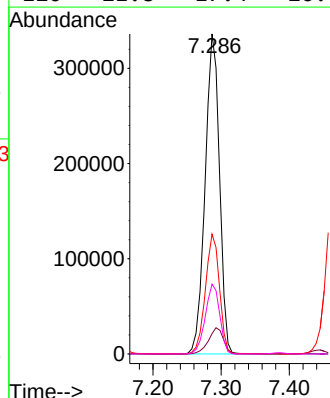
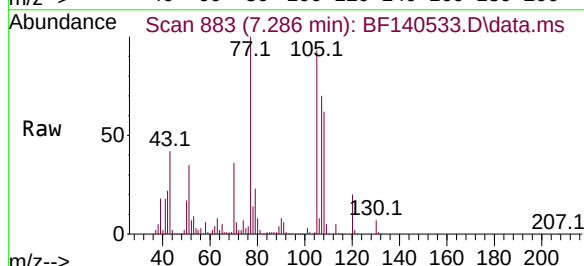
Ion Ratio Lower Upper

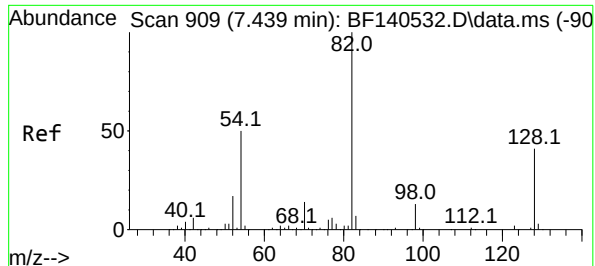
105 100

71 6.4 6.2 9.2

51 37.4 29.0 43.6

120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 96.352 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

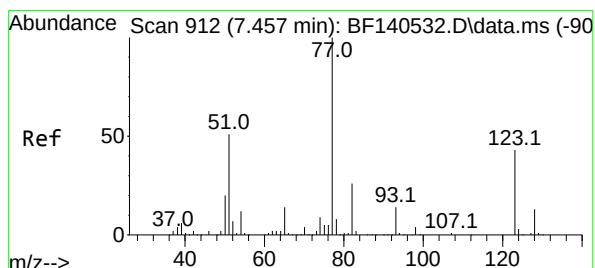
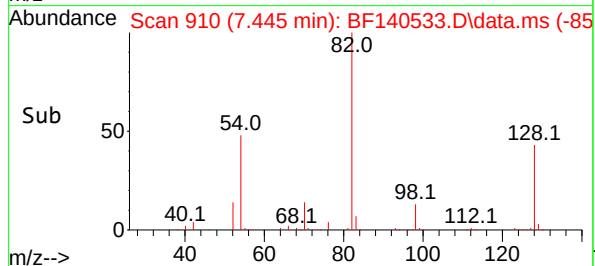
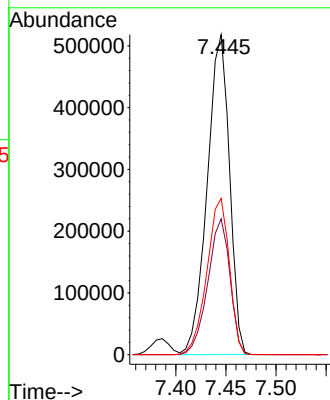
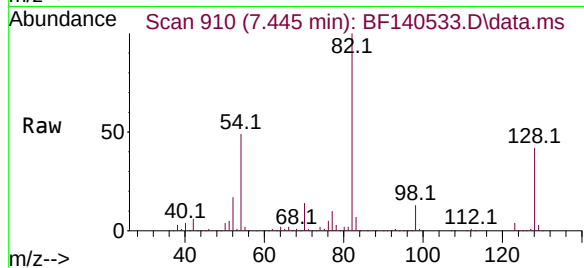
Tgt Ion: 82 Resp: 801144

Ion Ratio Lower Upper

82 100

128 42.5 33.0 49.4

54 48.8 39.5 59.3



#24

Nitrobenzene

Concen: 48.043 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

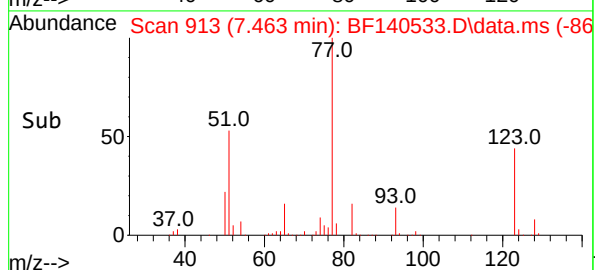
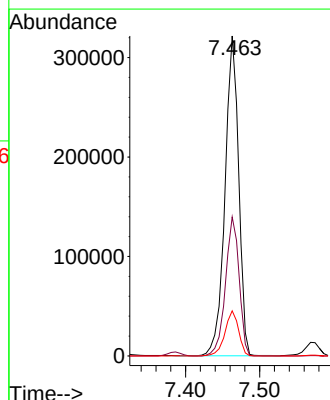
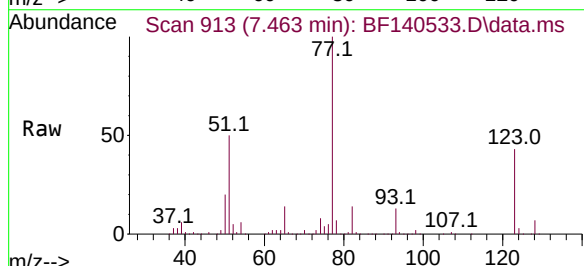
Tgt Ion: 77 Resp: 412860

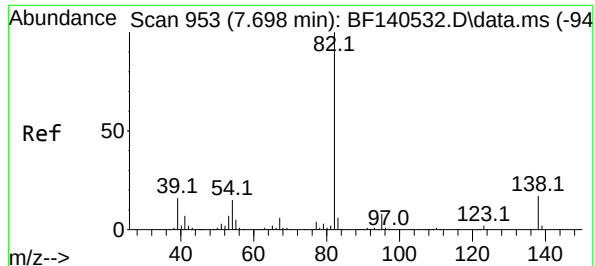
Ion Ratio Lower Upper

77 100

123 43.4 34.3 51.5

65 14.1 11.2 16.8

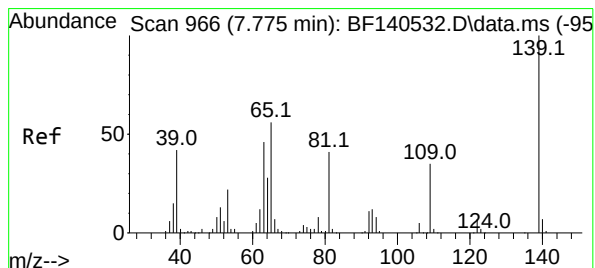
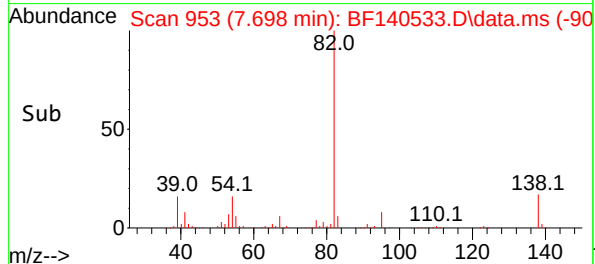
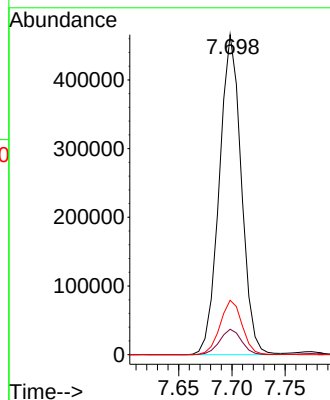
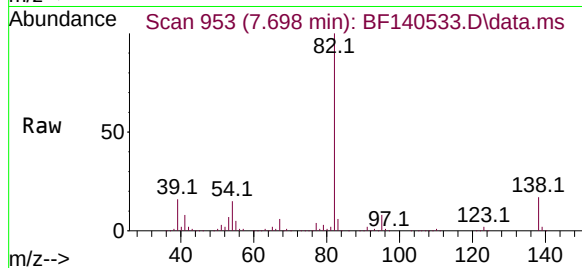




#25
Isophorone
Concen: 48.214 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

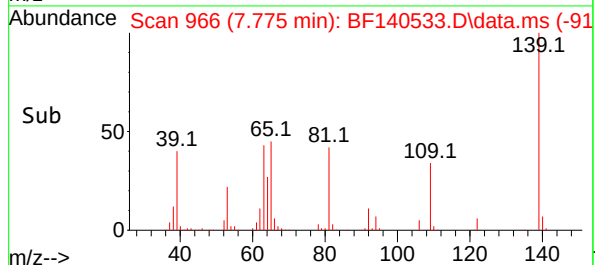
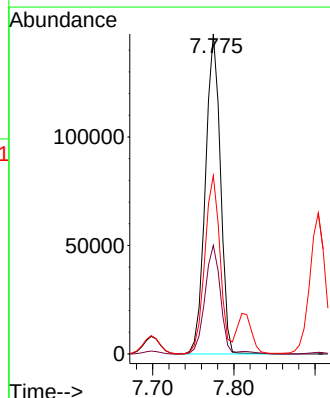
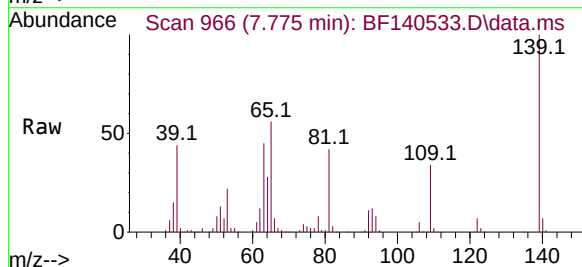
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

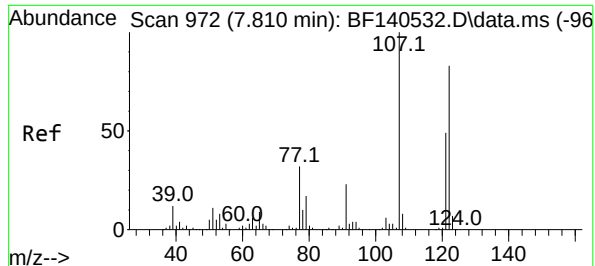
Tgt Ion: 82 Resp: 668649
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.0 13.8 20.6



#26
2-Nitrophenol
Concen: 49.644 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion: 139 Resp: 189056
Ion Ratio Lower Upper
139 100
109 33.9 28.0 42.0
65 55.7 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 47.628 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

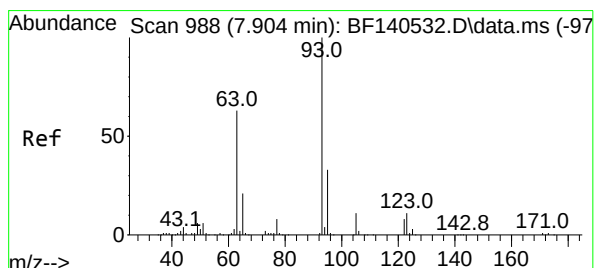
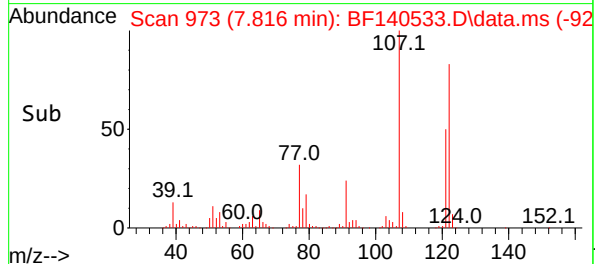
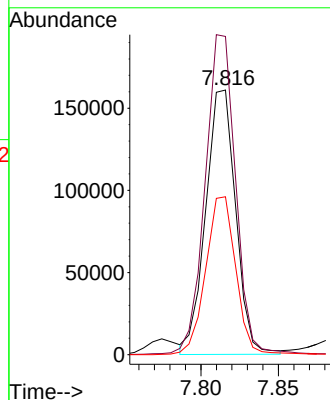
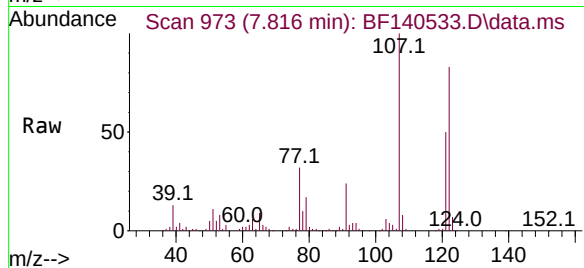
Tgt Ion:122 Resp: 217017

Ion Ratio Lower Upper

122 100

107 120.3 96.8 145.2

121 59.7 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.630 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

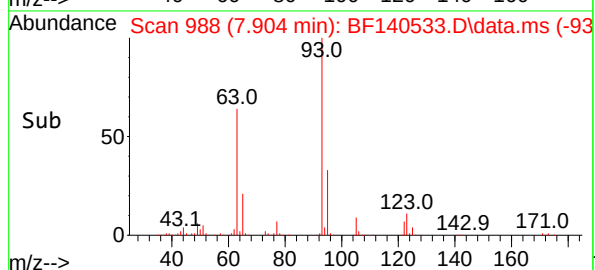
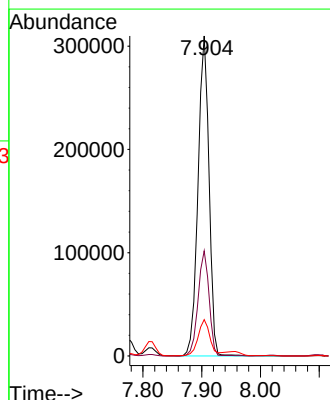
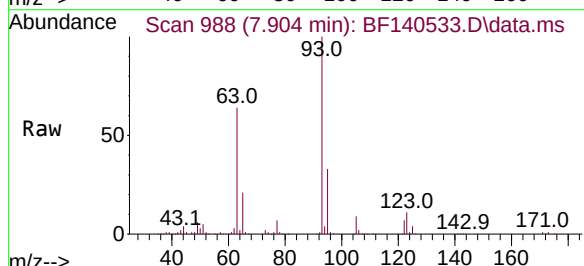
Tgt Ion: 93 Resp: 402409

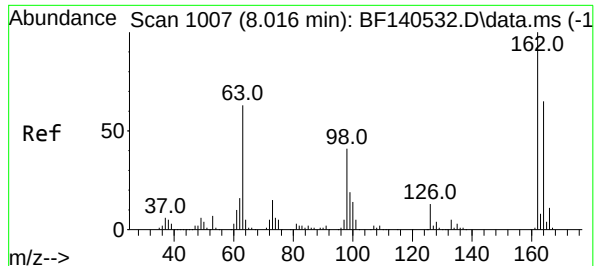
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.863 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

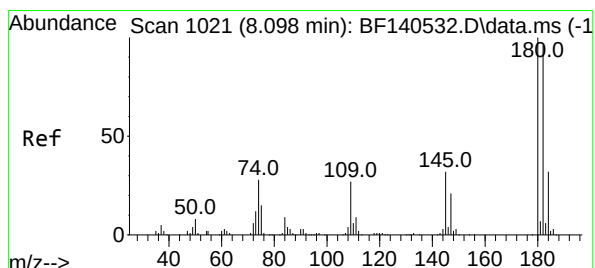
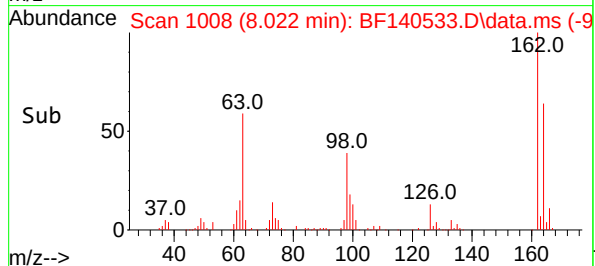
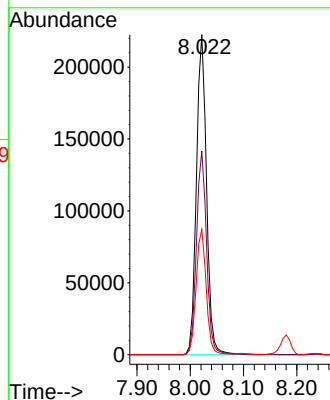
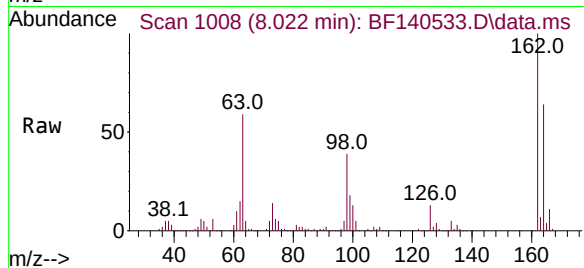
Tgt Ion:162 Resp: 295023

Ion Ratio Lower Upper

162 100

164 63.6 44.8 84.8

98 39.1 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 48.858 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

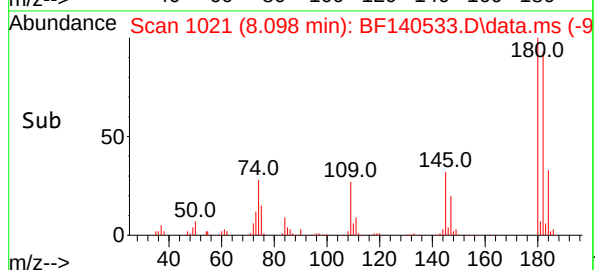
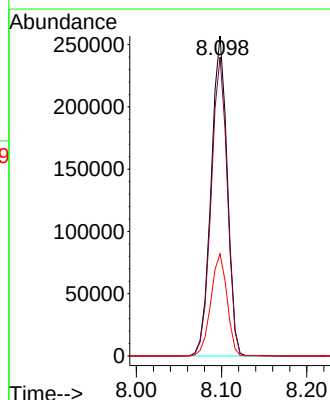
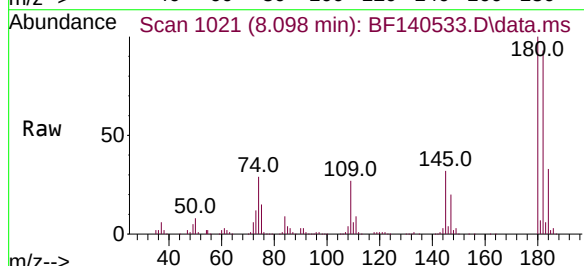
Tgt Ion:180 Resp: 336812

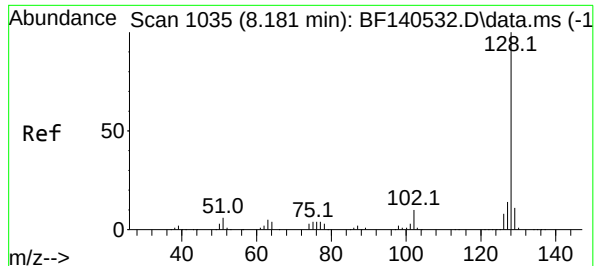
Ion Ratio Lower Upper

180 100

182 93.4 76.4 114.6

145 31.9 25.9 38.9





#31

Naphthalene

Concen: 48.178 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

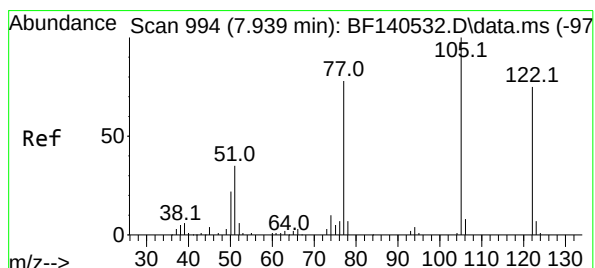
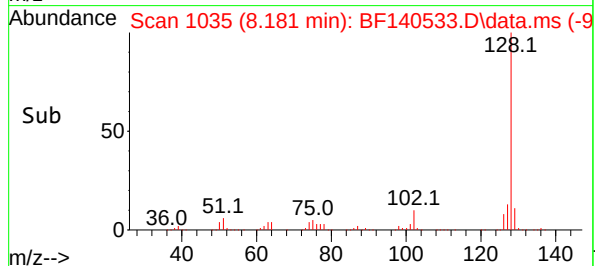
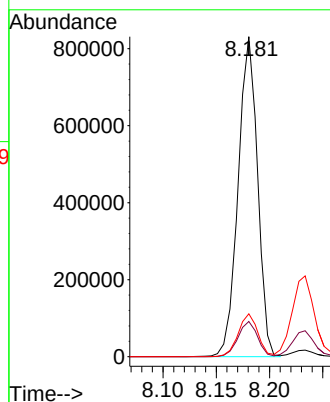
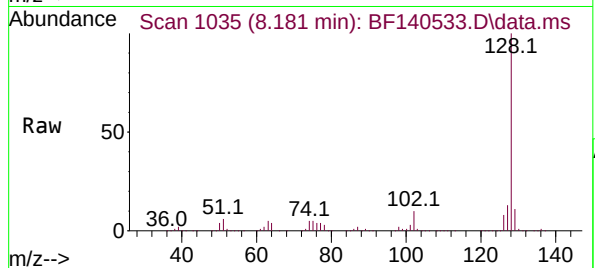
Tgt Ion:128 Resp: 1055423

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 49.333 ng

RT: 7.957 min Scan# 997

Delta R.T. 0.018 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

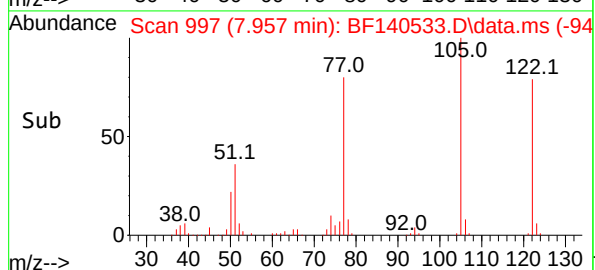
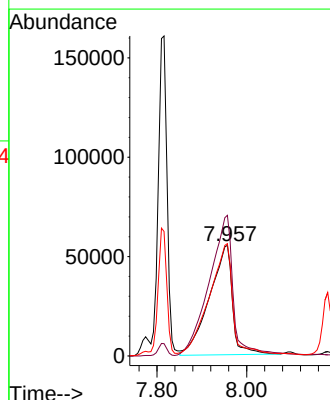
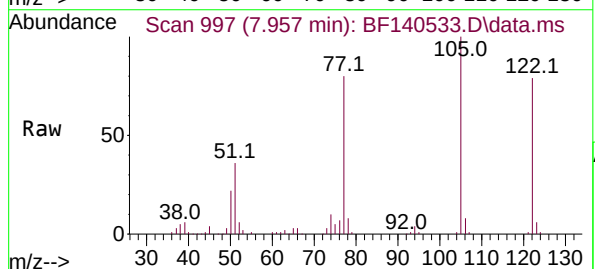
Tgt Ion:122 Resp: 196545

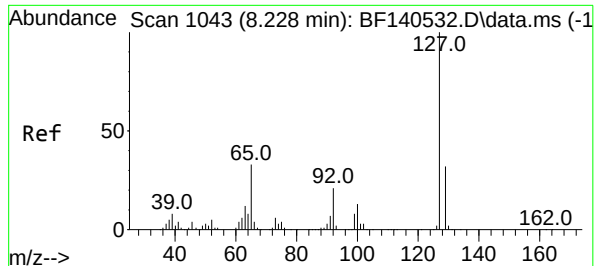
Ion Ratio Lower Upper

122 100

105 127.2 109.3 149.3

77 101.5 82.3 122.3





#33

4-Chloroaniline

Concen: 49.125 ng

RT: 8.233 min Scan# 1044

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 322212

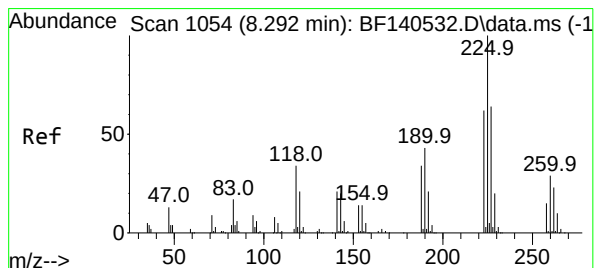
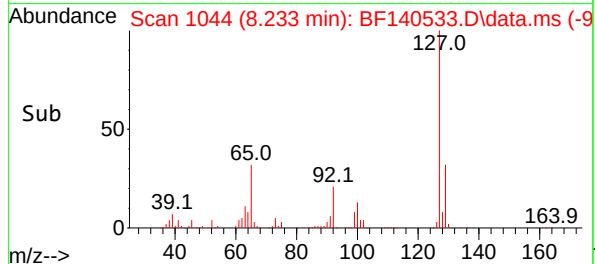
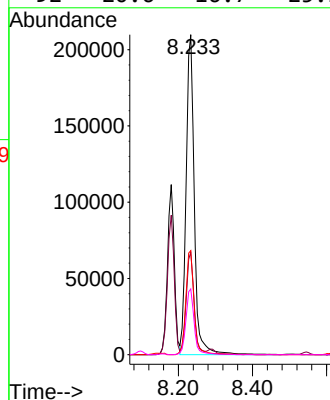
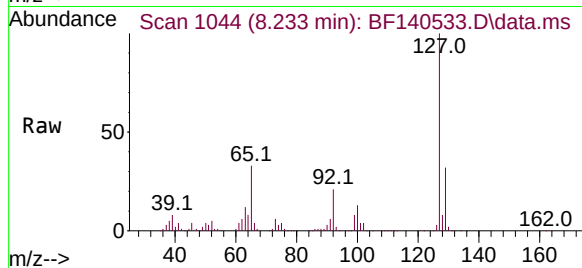
Ion Ratio Lower Upper

127 100

129 32.0 26.0 39.0

65 32.5 26.0 39.0

92 20.6 16.7 25.1



#34

Hexachlorobutadiene

Concen: 48.555 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

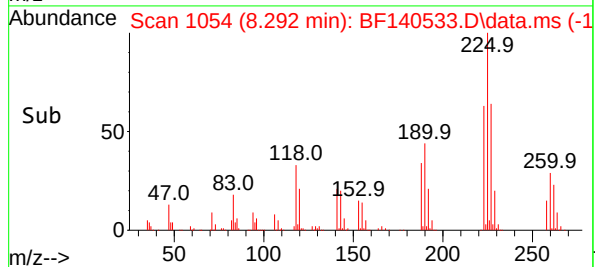
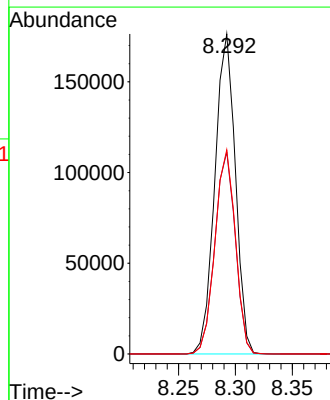
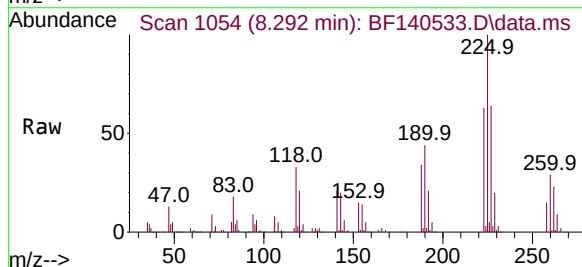
Tgt Ion:225 Resp: 221707

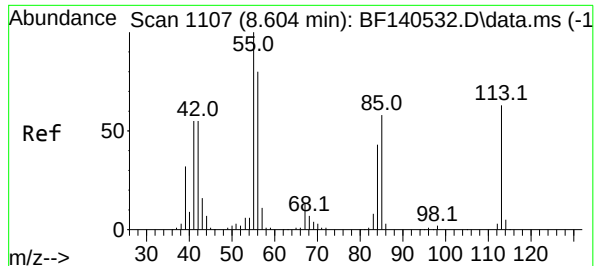
Ion Ratio Lower Upper

225 100

223 63.1 49.8 74.8

227 63.8 51.3 76.9

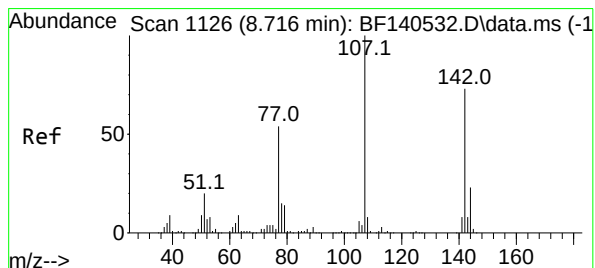
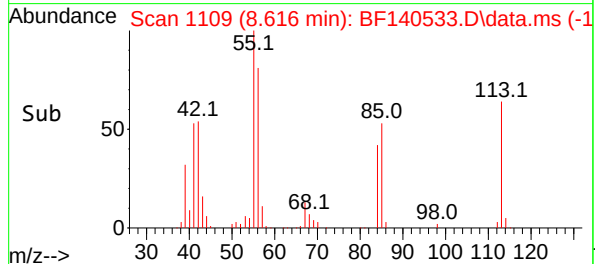
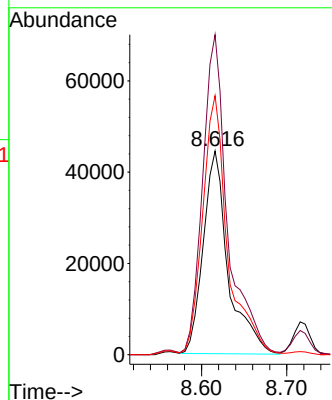
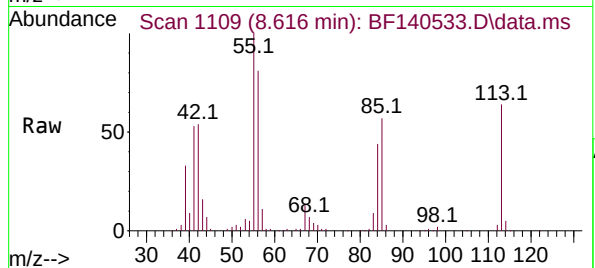




#35
Caprolactam
Concen: 48.486 ng
RT: 8.616 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

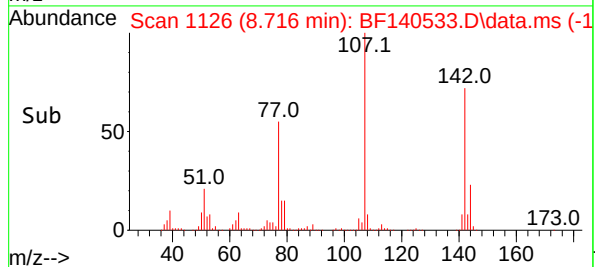
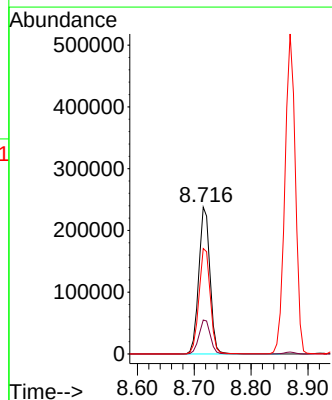
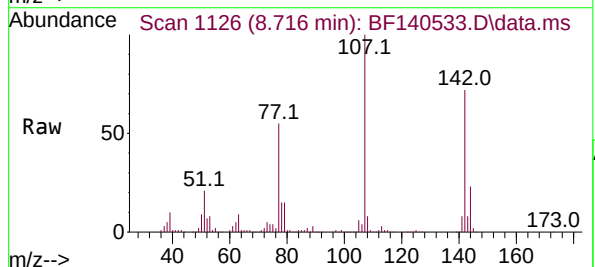
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

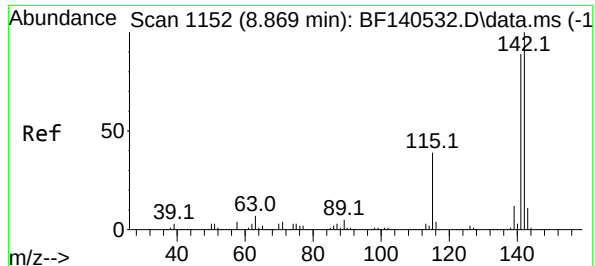
Tgt Ion:113 Resp: 90596
Ion Ratio Lower Upper
113 100
55 157.2 137.7 177.7
56 127.3 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 48.287 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:107 Resp: 326418
Ion Ratio Lower Upper
107 100
144 23.1 18.7 28.1
142 71.8 58.3 87.5





#37

2-Methylnaphthalene

Concen: 47.620 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

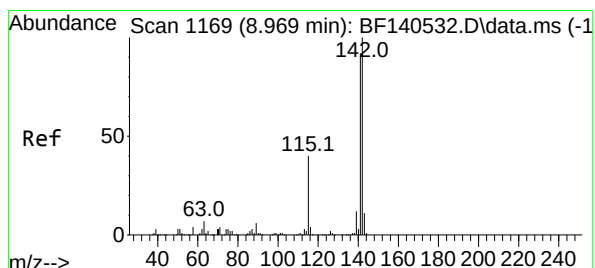
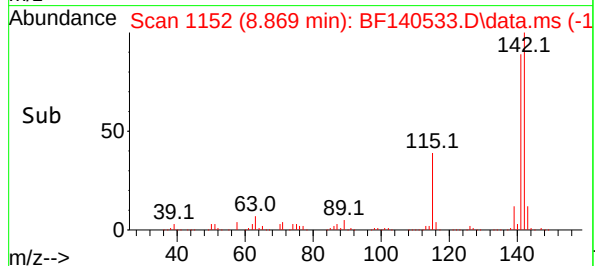
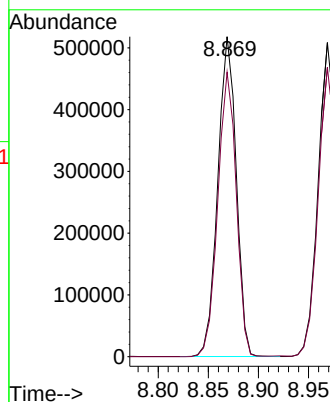
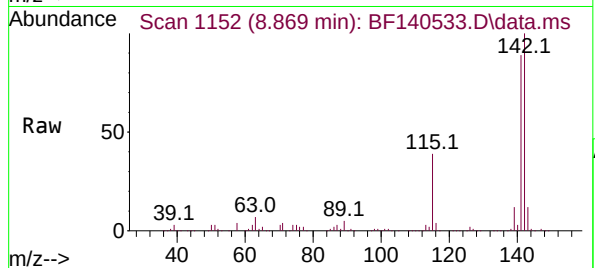
SSTDICC050

Tgt Ion:142 Resp: 662592

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 47.603 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140533.D

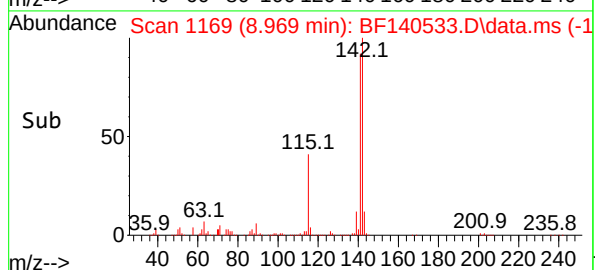
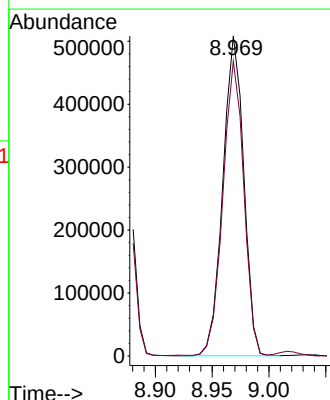
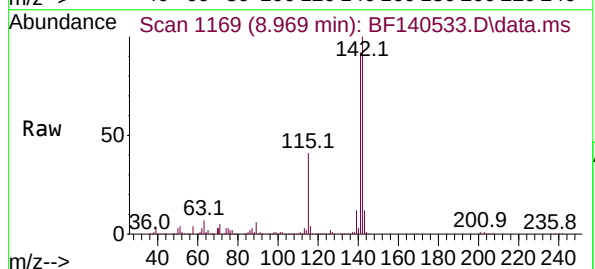
Acq: 21 Nov 2024 13:25

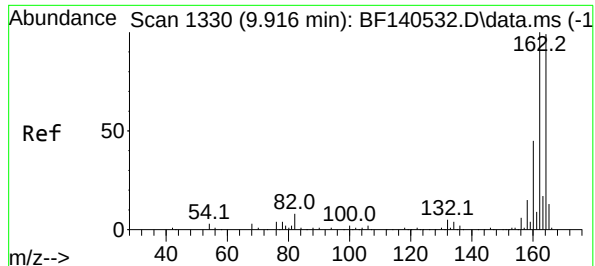
Tgt Ion:142 Resp: 649248

Ion Ratio Lower Upper

142 100

141 92.1 73.3 109.9

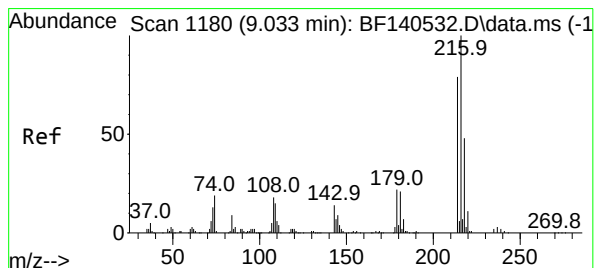
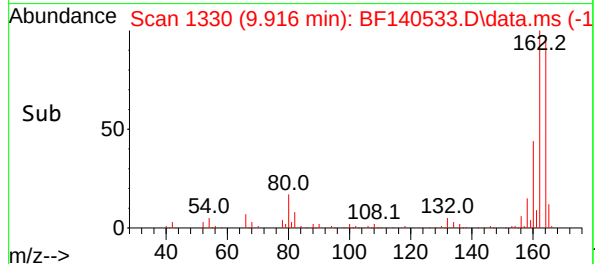
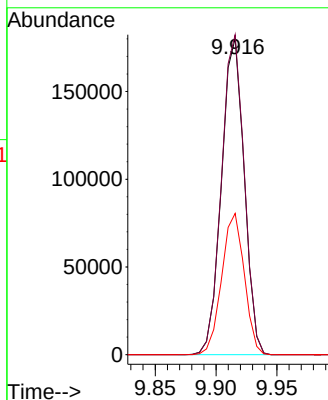
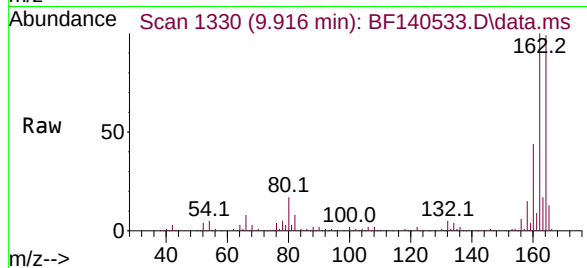




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

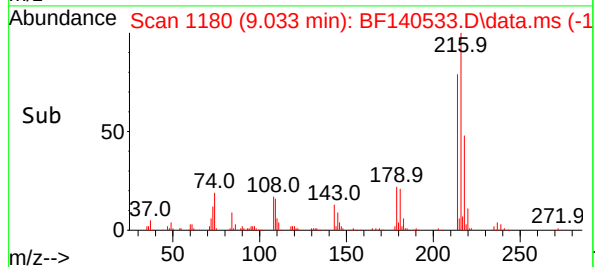
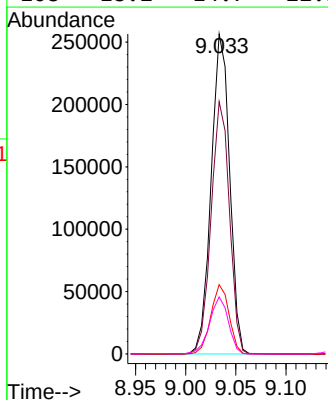
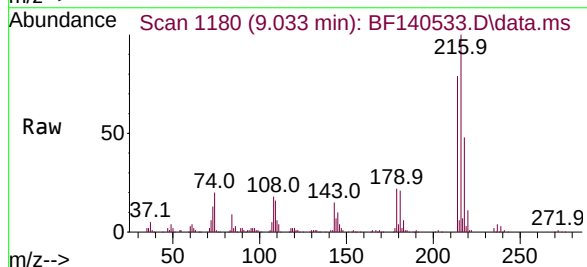
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

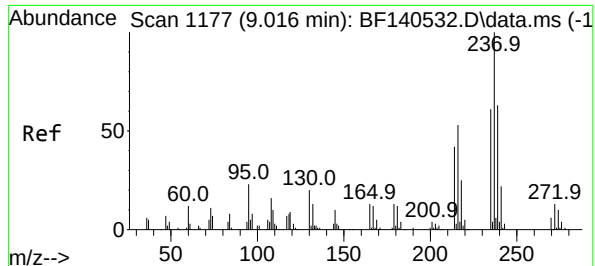
Tgt Ion:164 Resp: 233869
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.7 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.935 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:216 Resp: 328190
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 21.4 17.5 26.3
108 18.2 14.7 22.1

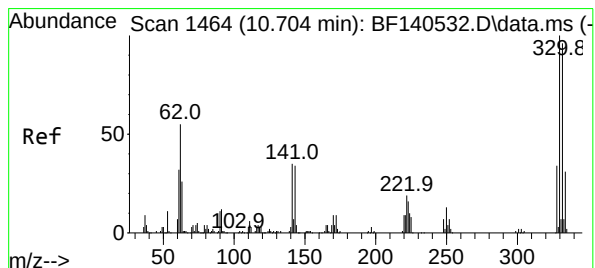
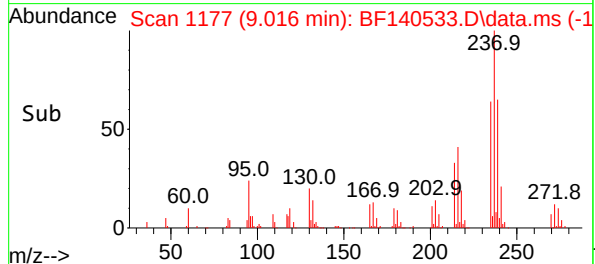
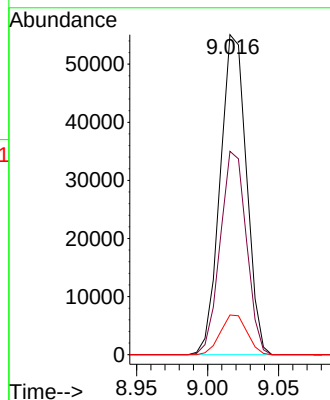
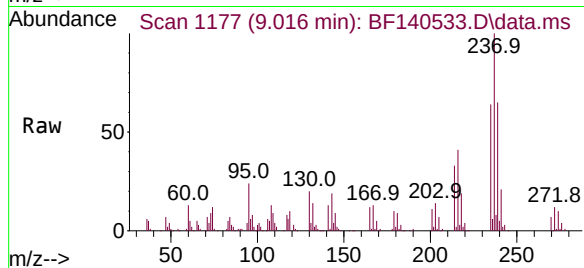




#41
Hexachlorocyclopentadiene
Concen: 49.123 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

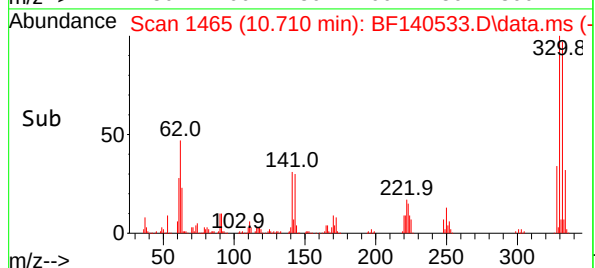
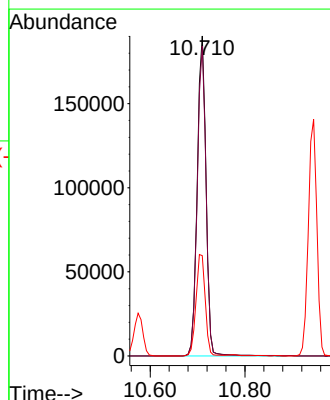
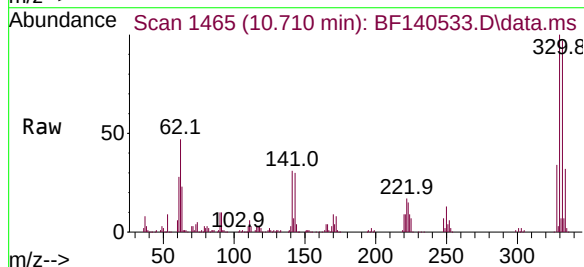
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

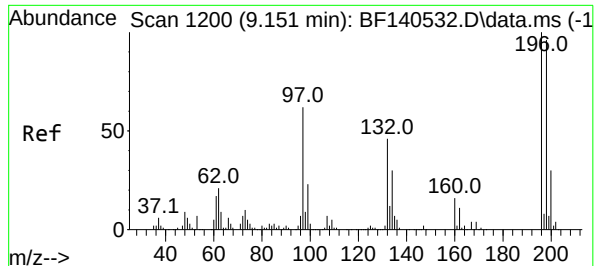
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.5	41.1	81.1
272	12.4	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 98.015 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	33.3	26.7	40.1





#43

2,4,6-Trichlorophenol

Concen: 49.574 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140533.D

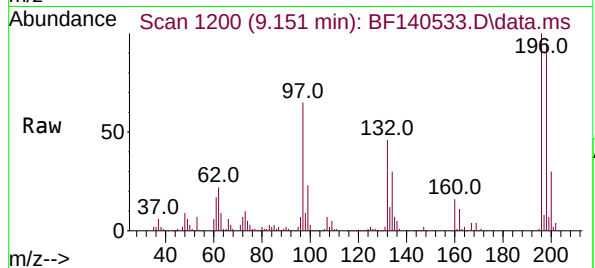
Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



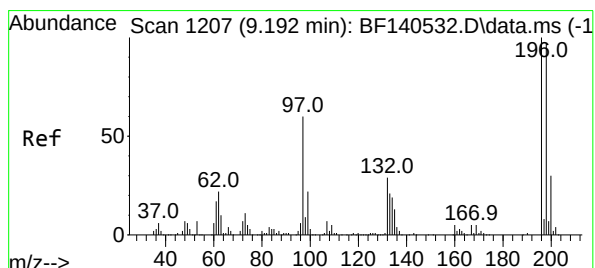
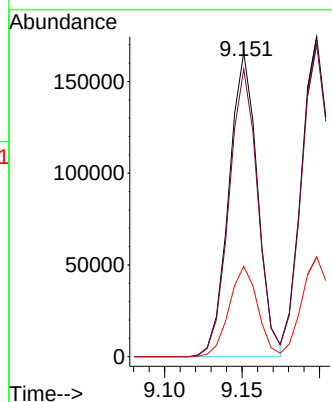
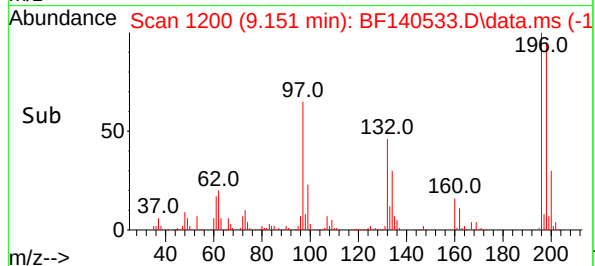
Tgt Ion:196 Resp: 212974

Ion Ratio Lower Upper

196 100

198 94.5 76.8 115.2

200 29.7 24.3 36.5



#44

2,4,5-Trichlorophenol

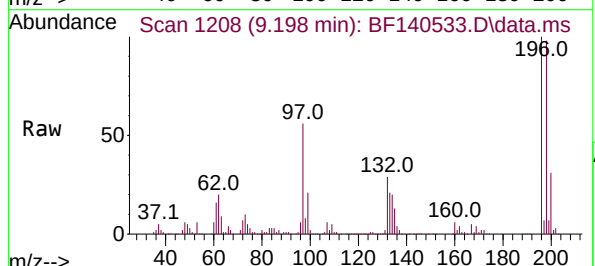
Concen: 48.866 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25



Tgt Ion:196 Resp: 227840

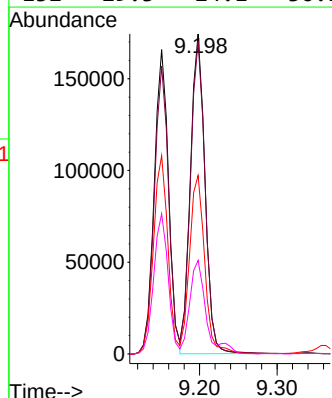
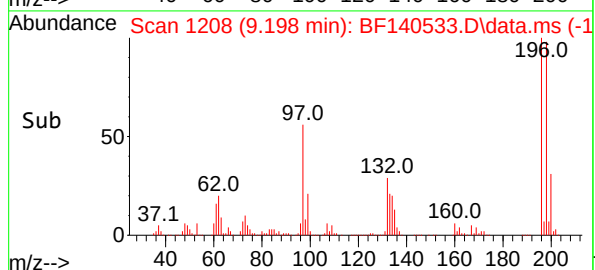
Ion Ratio Lower Upper

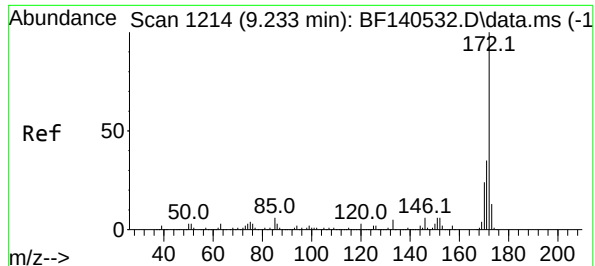
196 100

198 97.7 77.2 115.8

97 55.8 47.1 70.7

132 29.3 24.1 36.1

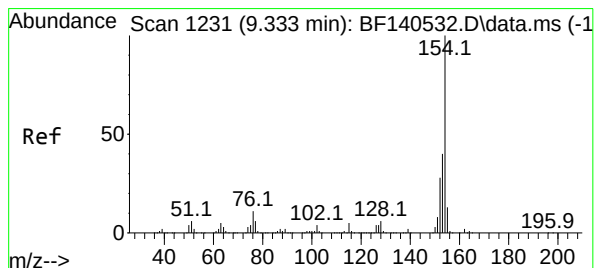
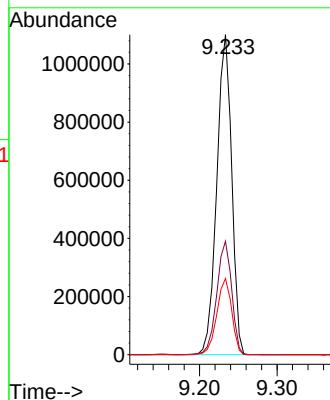
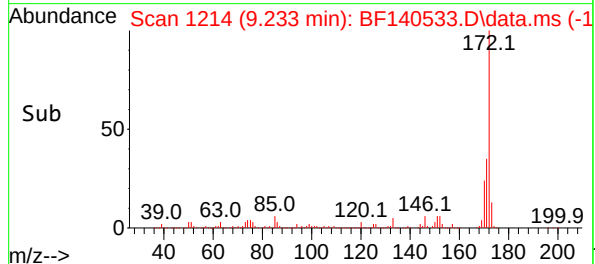
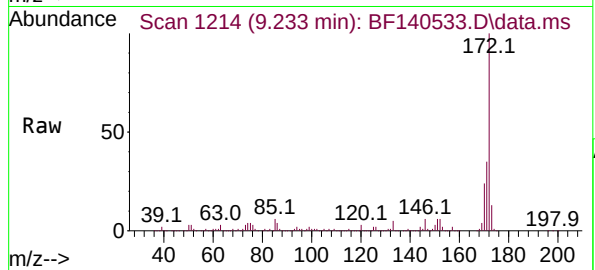




#45
2-Fluorobiphenyl
Concen: 93.462 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

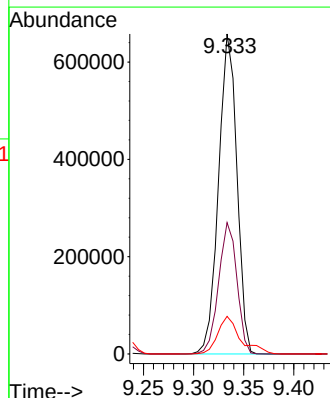
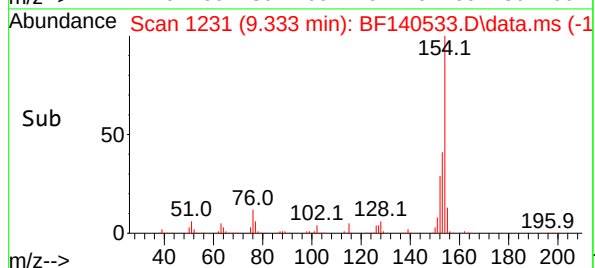
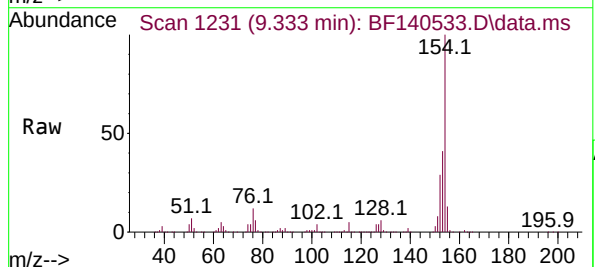
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

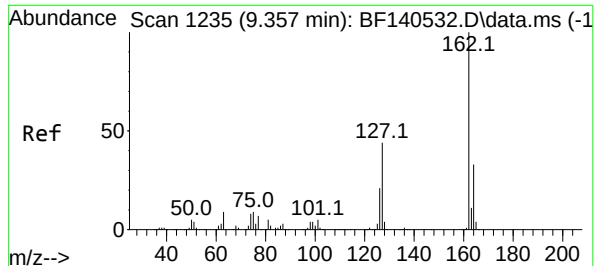
Tgt Ion:172 Resp: 1467020
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.772 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:154 Resp: 834139
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 11.7 0.0 31.2





#47

2-Chloronaphthalene

Concen: 47.803 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

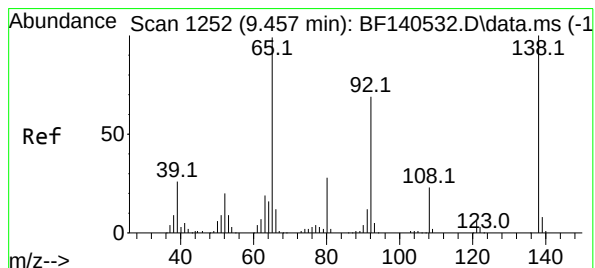
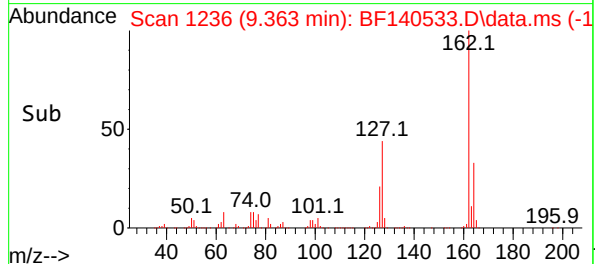
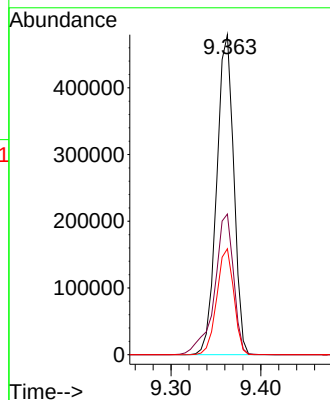
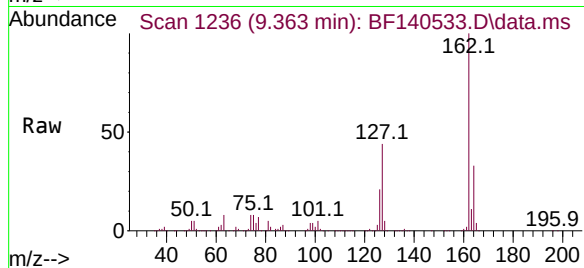
Tgt Ion:162 Resp: 632459

Ion Ratio Lower Upper

162 100

127 44.0 35.7 53.5

164 33.1 26.1 39.1



#48

2-Nitroaniline

Concen: 50.020 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

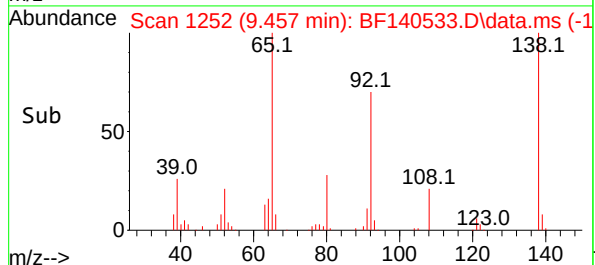
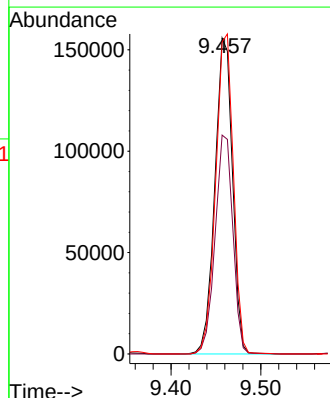
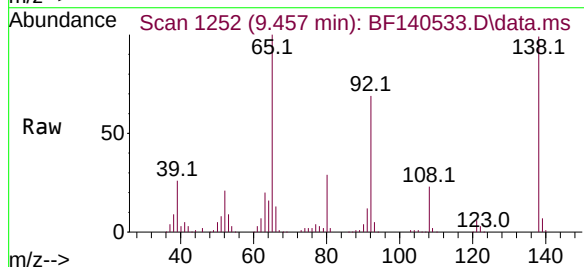
Tgt Ion: 65 Resp: 212420

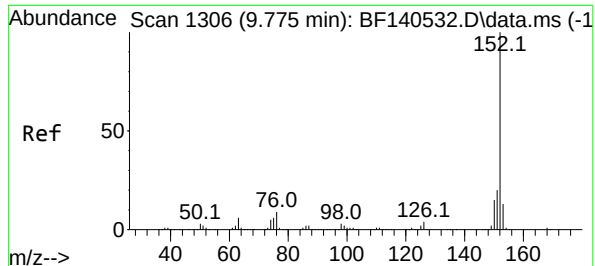
Ion Ratio Lower Upper

65 100

92 69.3 56.1 84.1

138 98.8 81.0 121.6





#49

Acenaphthylene

Concen: 47.612 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

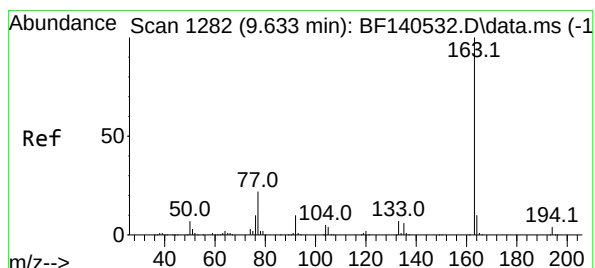
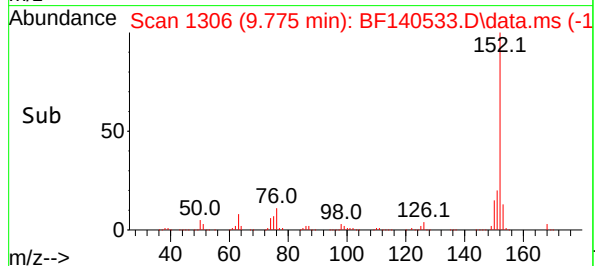
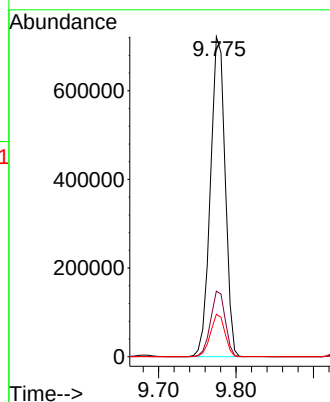
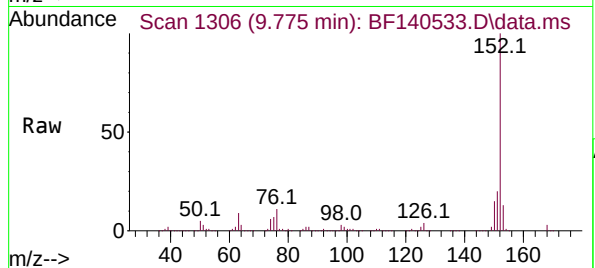
Tgt Ion:152 Resp: 951784

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 48.081 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

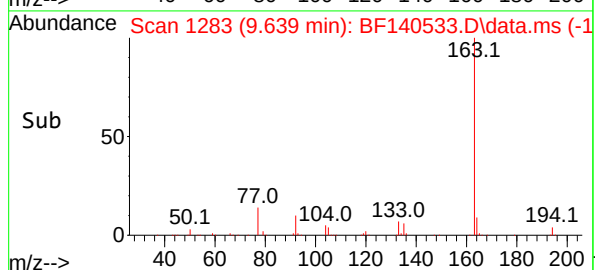
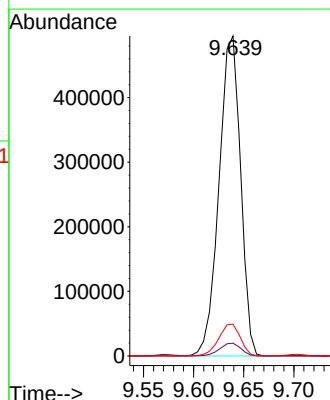
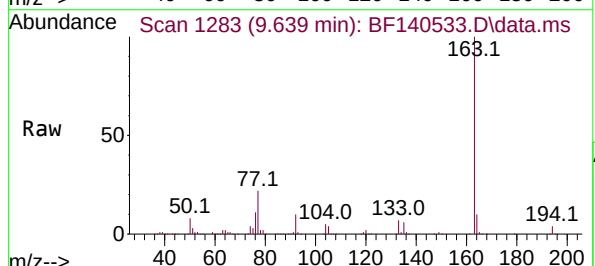
Tgt Ion:163 Resp: 740559

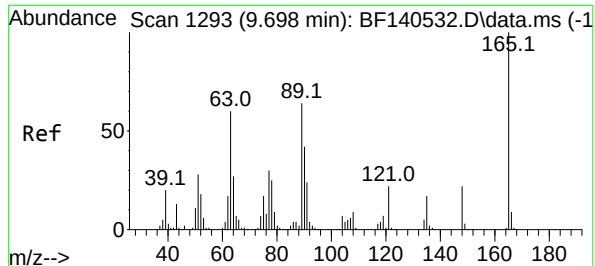
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 48.663 ng

RT: 9.704 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

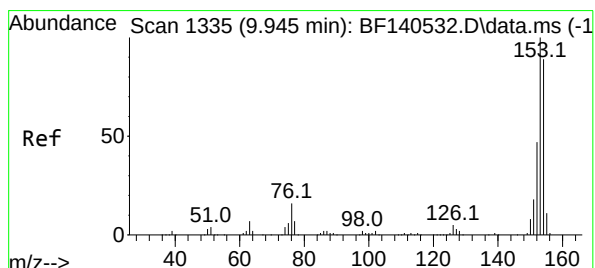
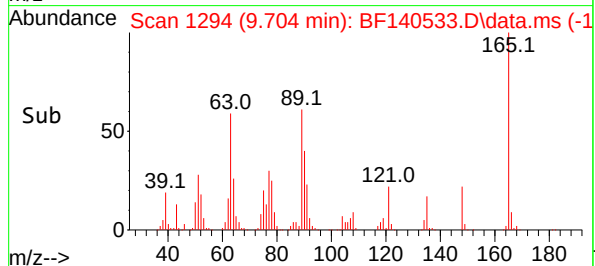
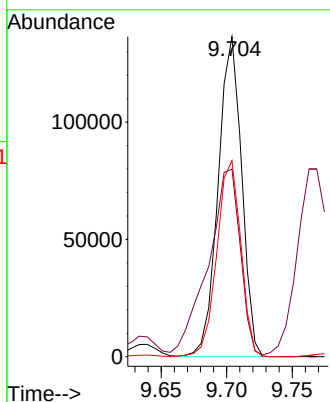
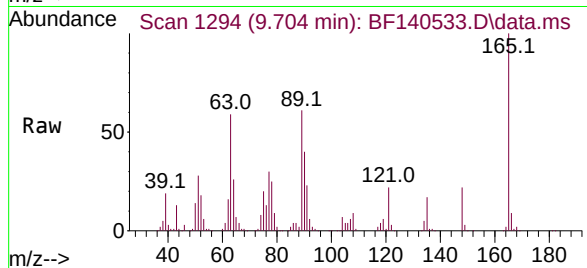
Tgt Ion:165 Resp: 169989

Ion Ratio Lower Upper

165 100

63 58.6 49.9 74.9

89 61.2 50.9 76.3



#52

Acenaphthene

Concen: 47.524 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

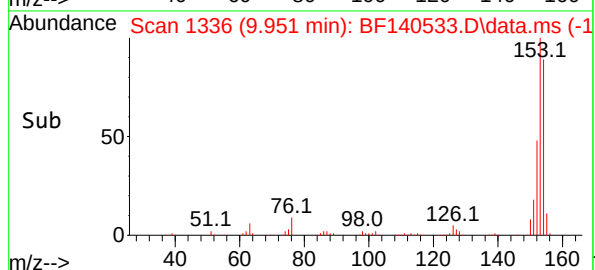
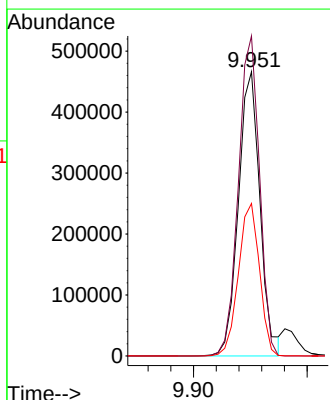
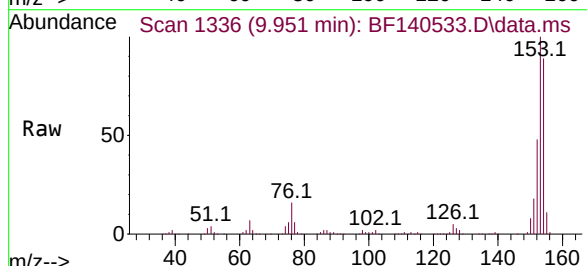
Tgt Ion:154 Resp: 615149

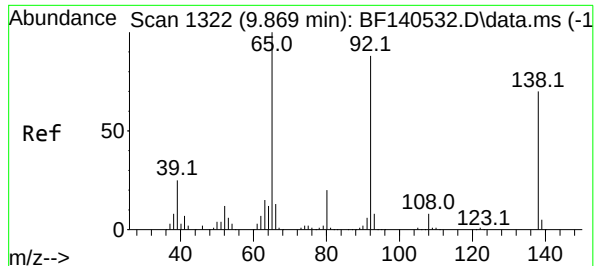
Ion Ratio Lower Upper

154 100

153 112.6 89.7 134.5

152 53.7 42.5 63.7

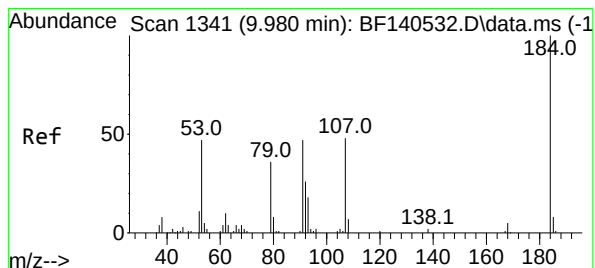
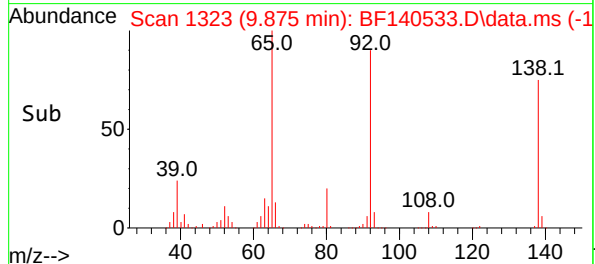
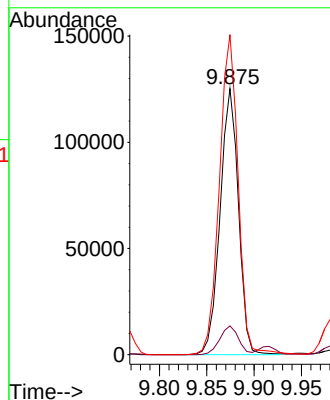
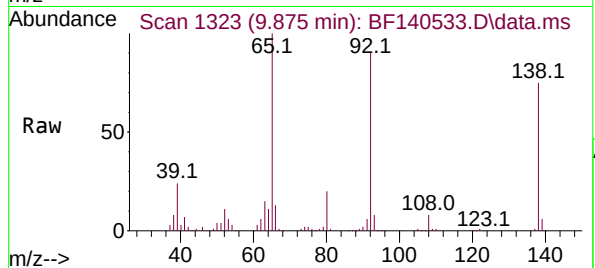




#53
3-Nitroaniline
Concen: 49.534 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

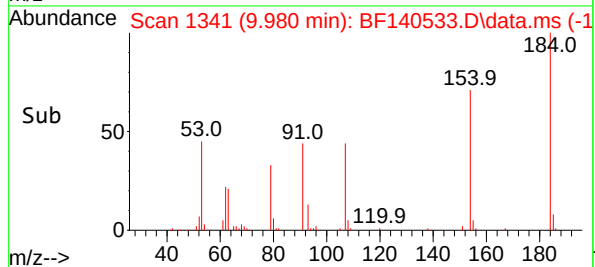
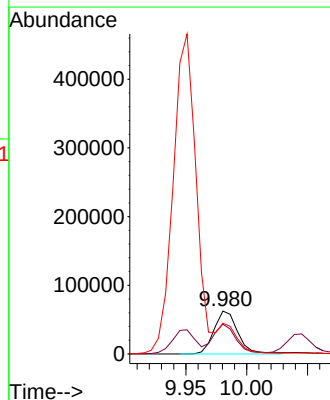
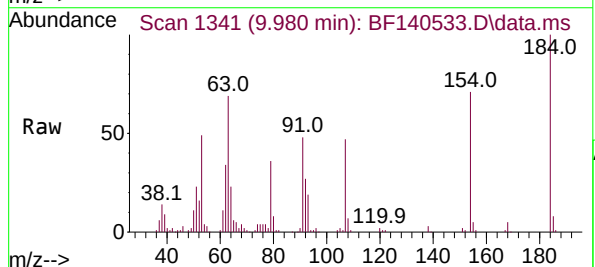
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

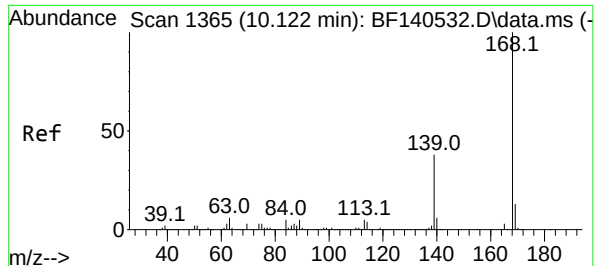
Tgt Ion:138 Resp: 169234
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 120.3 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 50.205 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:184 Resp: 84985
Ion Ratio Lower Upper
184 100
63 69.4 54.1 81.1
154 71.4 57.4 86.0





#55

Dibenzenofuran

Concen: 47.061 ng

RT: 10.122 min Scan# 1365

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

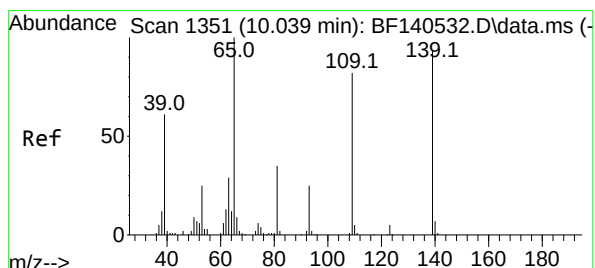
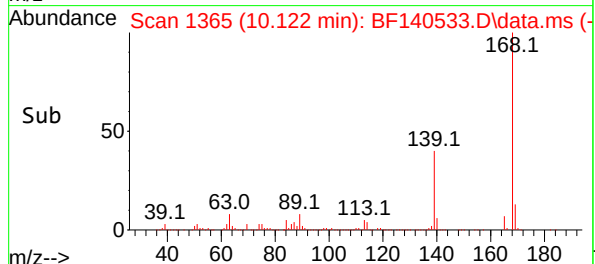
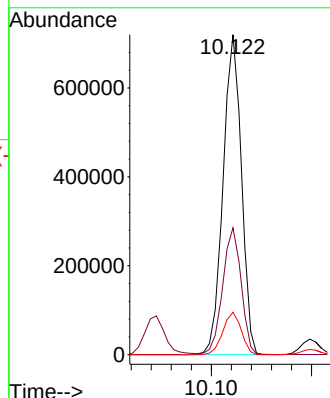
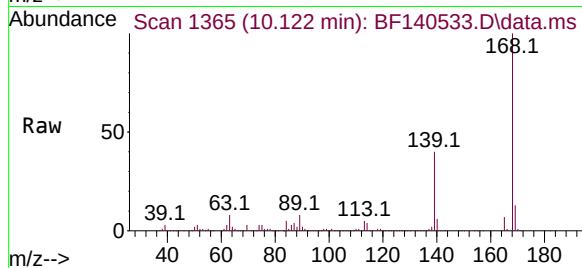
Tgt Ion:168 Resp: 911771

Ion Ratio Lower Upper

168 100

139 39.7 31.3 46.9

169 13.2 10.5 15.7



#56

4-Nitrophenol

Concen: 53.227 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

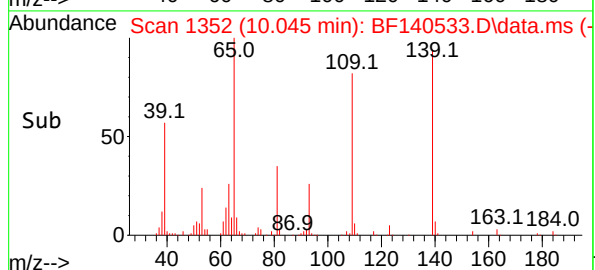
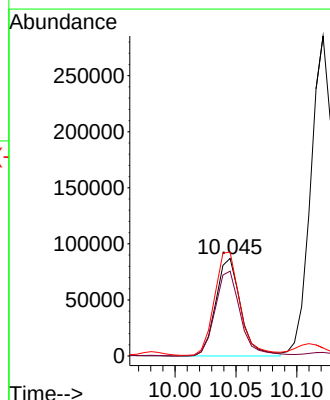
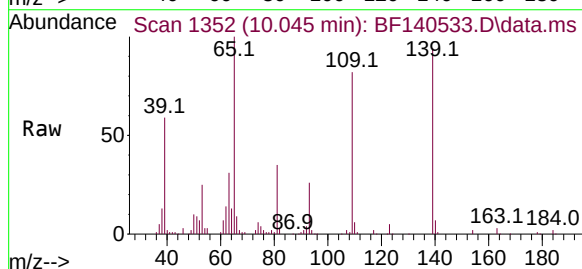
Tgt Ion:139 Resp: 124021

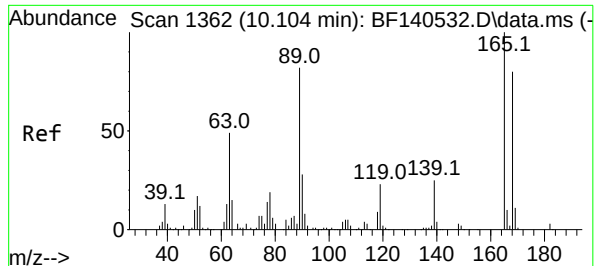
Ion Ratio Lower Upper

139 100

109 87.0 68.4 108.4

65 106.5 88.6 128.6

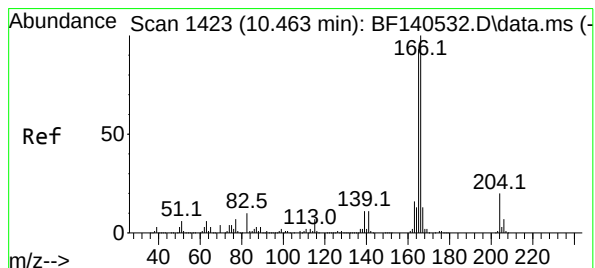
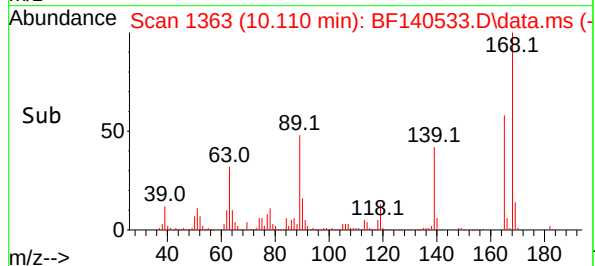
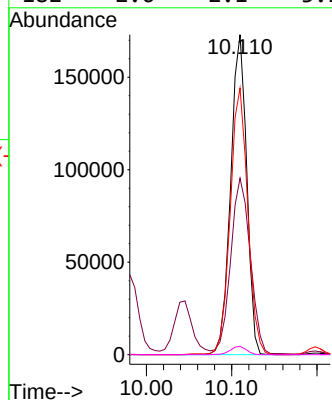
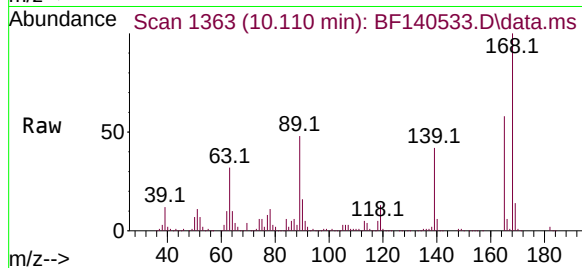




#57
2,4-Dinitrotoluene
Concen: 48.629 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

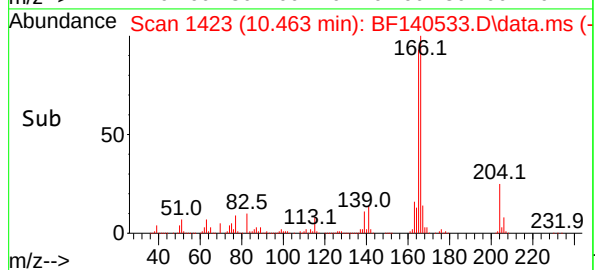
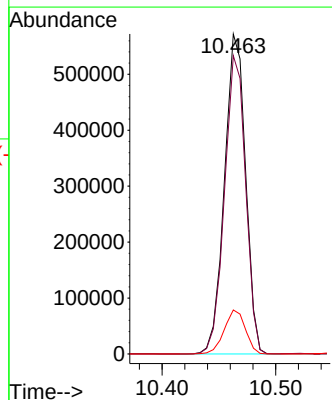
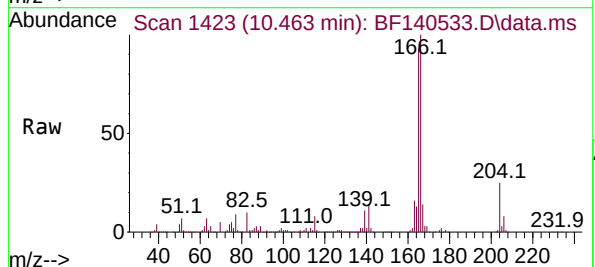
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

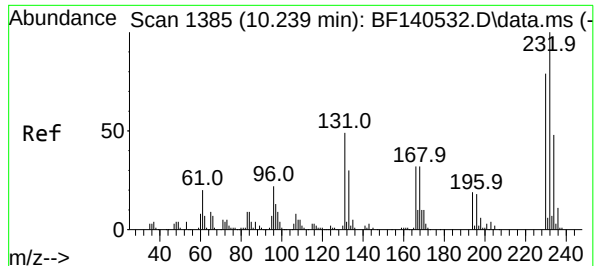
Tgt Ion:165 Resp: 225762
Ion Ratio Lower Upper
165 100
63 55.2 41.7 62.5
89 83.3 65.8 98.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 47.486 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:166 Resp: 738453
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.8 10.6 16.0

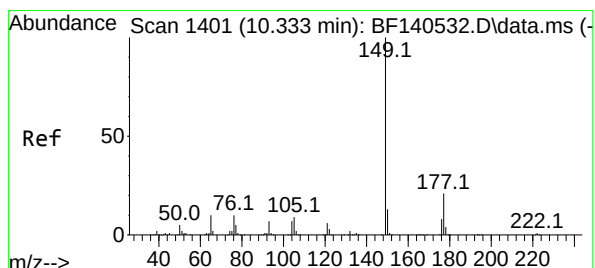
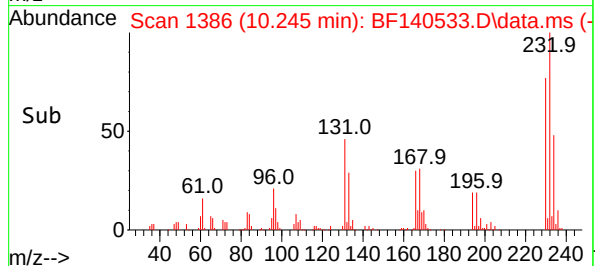
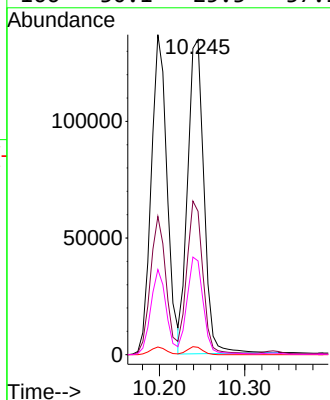
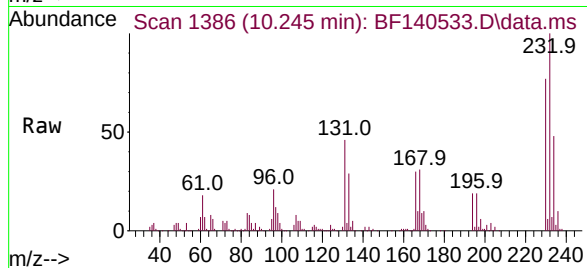




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.828 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

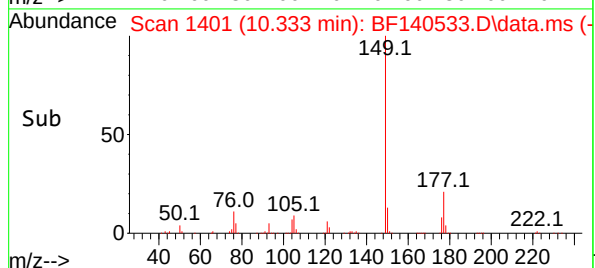
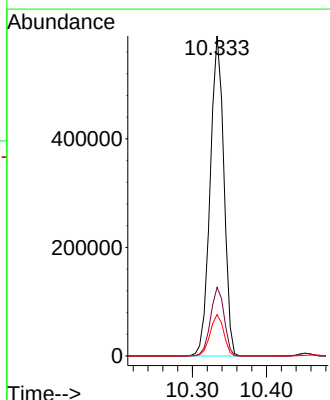
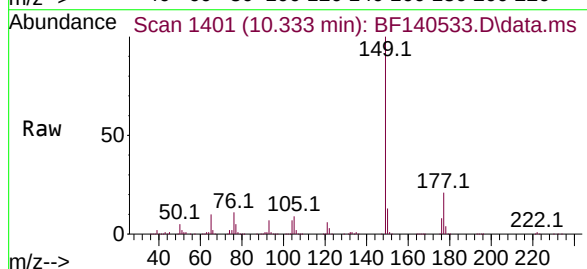
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

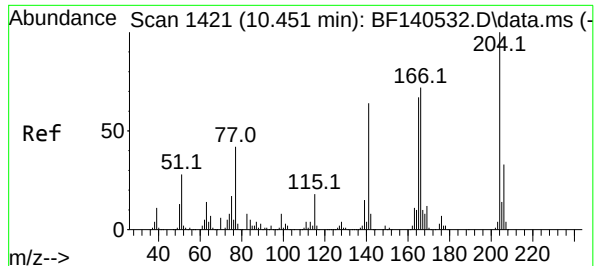
Tgt Ion:232 Resp: 178549
Ion Ratio Lower Upper
232 100
131 47.7 39.6 59.4
130 2.4 1.9 2.9
166 30.1 25.3 37.9



#60
Diethylphthalate
Concen: 48.268 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:149 Resp: 755358
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.9 10.1 15.1

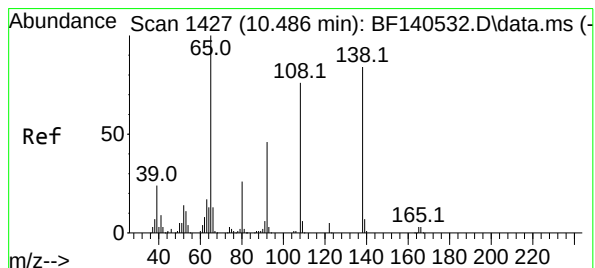
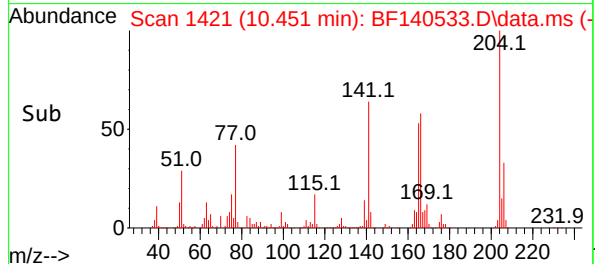
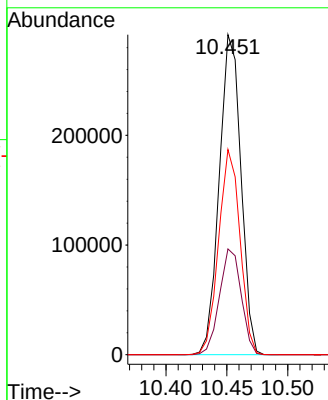
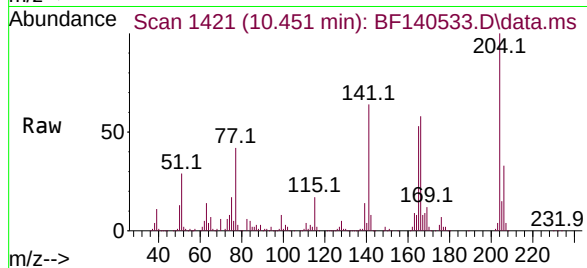




#61
4-Chlorophenyl-phenylether
Concen: 47.414 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

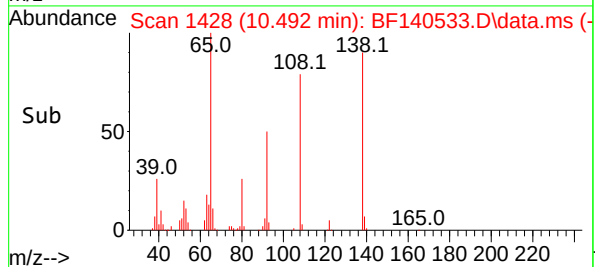
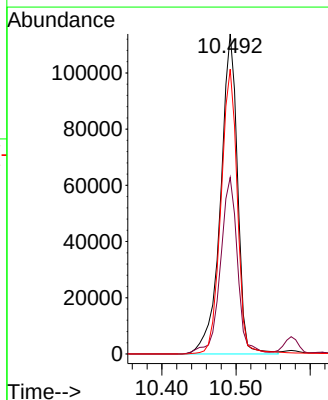
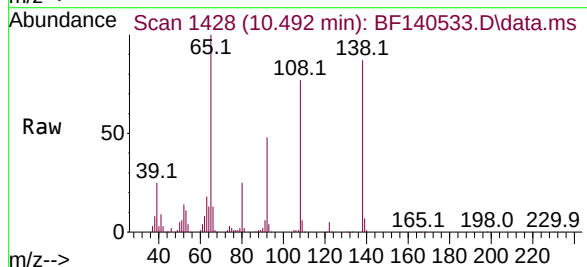
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

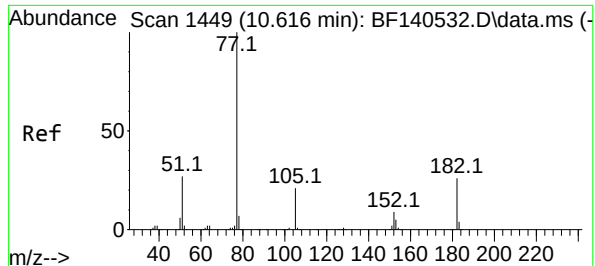
Tgt Ion:204 Resp: 361856
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 64.1 51.1 76.7



#62
4-Nitroaniline
Concen: 50.512 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:138 Resp: 180999
Ion Ratio Lower Upper
138 100
92 55.2 34.5 74.5
108 89.0 70.6 110.6

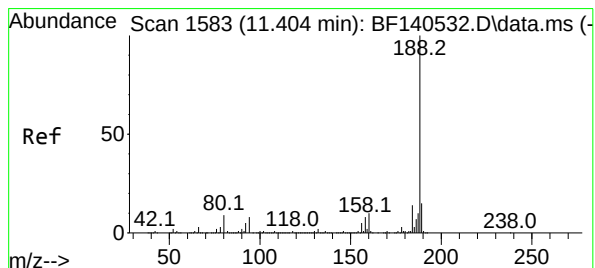
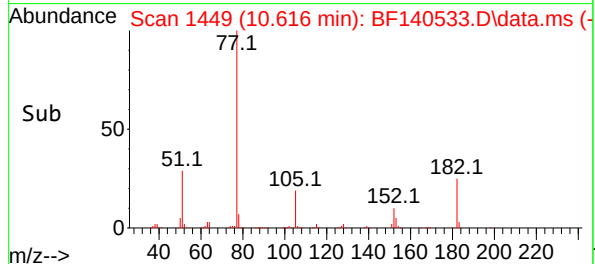
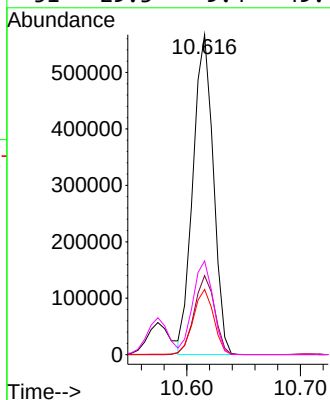
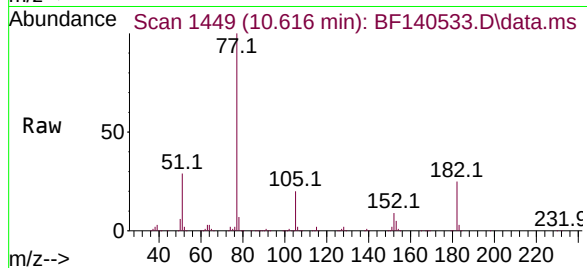




#63
Azobenzene
Concen: 47.529 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

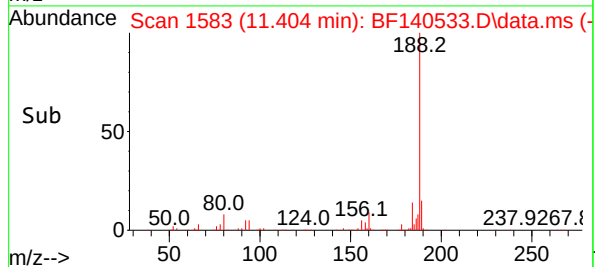
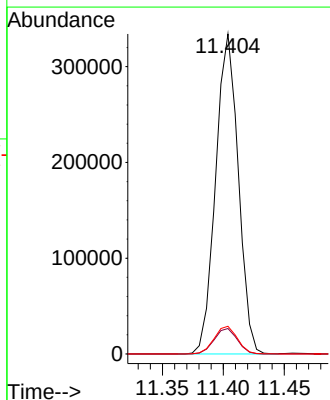
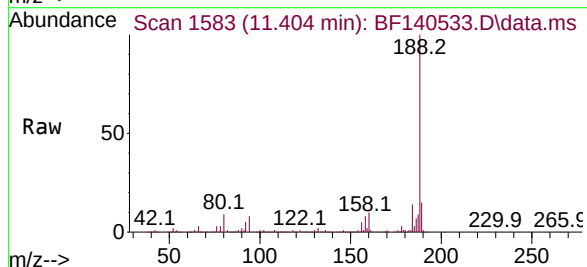
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

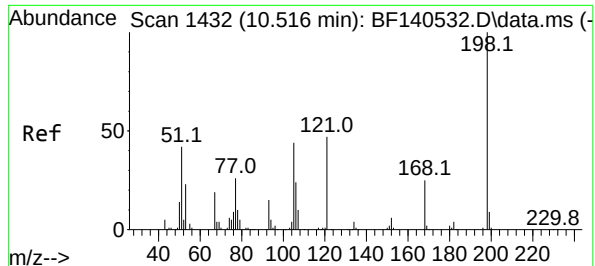
Tgt Ion: 77 Resp: 704370
Ion Ratio Lower Upper
77 100
182 24.7 5.3 45.3
105 20.4 0.3 40.3
51 29.3 9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion: 188 Resp: 432727
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.7 6.9 10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 53.947 ng

RT: 10.522 min Scan# 1432

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

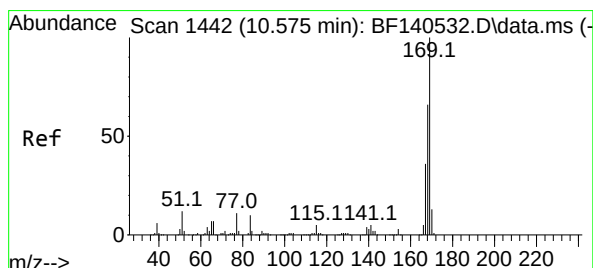
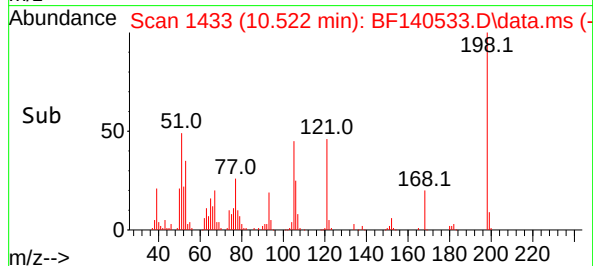
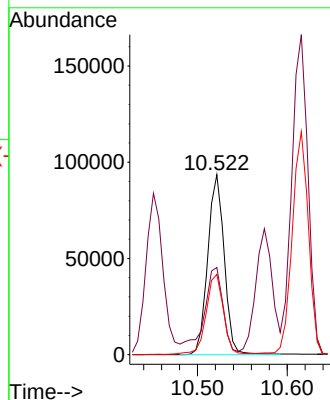
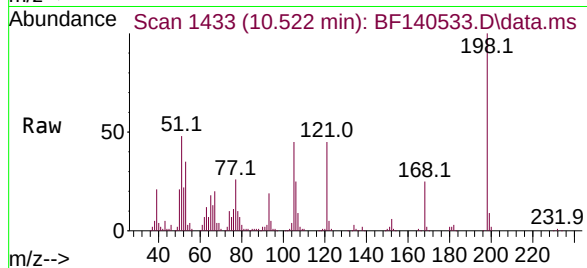
Tgt Ion:198 Resp: 119290

Ion Ratio Lower Upper

198 100

51 48.5 29.4 69.4

105 44.6 25.4 65.4



#66

n-Nitrosodiphenylamine

Concen: 48.740 ng

RT: 10.574 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

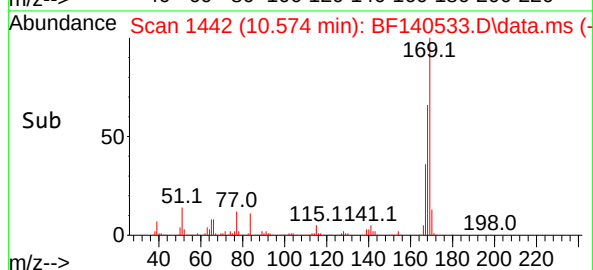
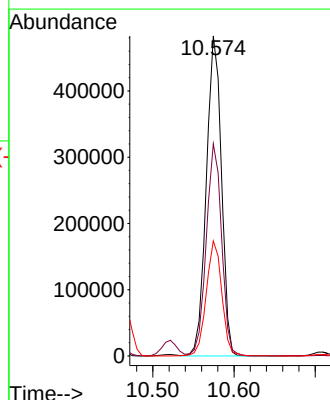
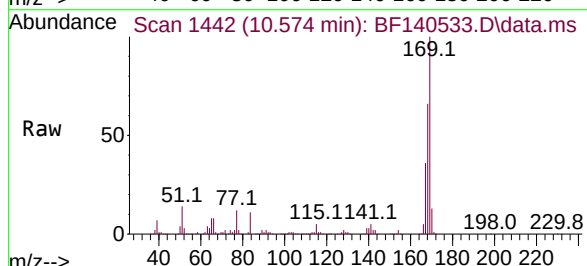
Tgt Ion:169 Resp: 623715

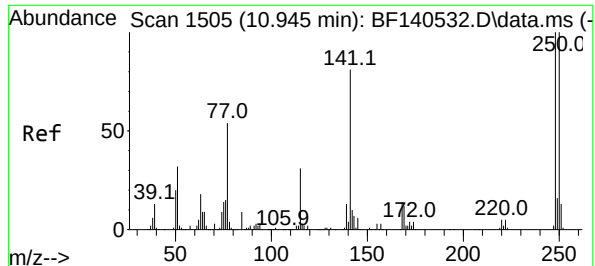
Ion Ratio Lower Upper

169 100

168 66.3 53.2 79.8

167 36.0 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 48.587 ng

RT: 10.945 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

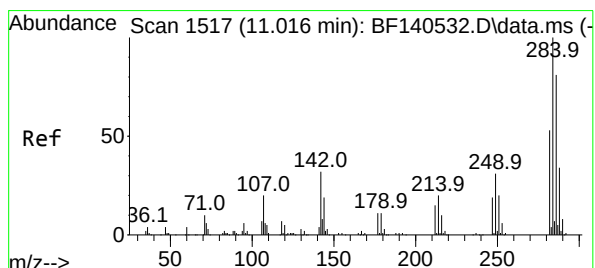
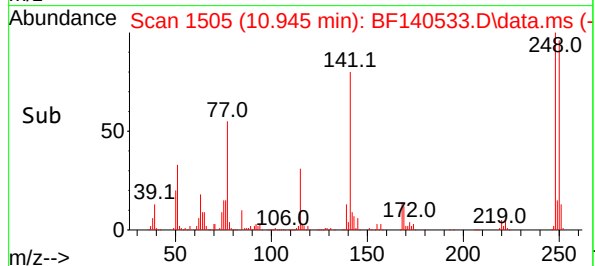
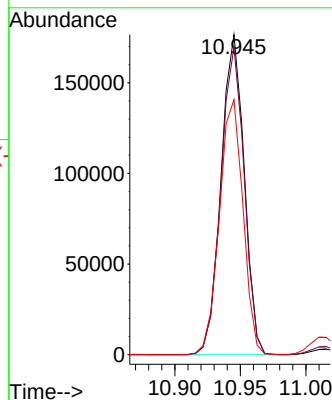
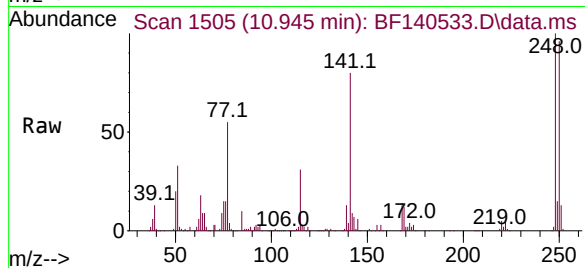
Tgt Ion:248 Resp: 216523

Ion Ratio Lower Upper

248 100

250 96.1 79.8 119.8

141 79.7 64.7 97.1



#68

Hexachlorobenzene

Concen: 48.739 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

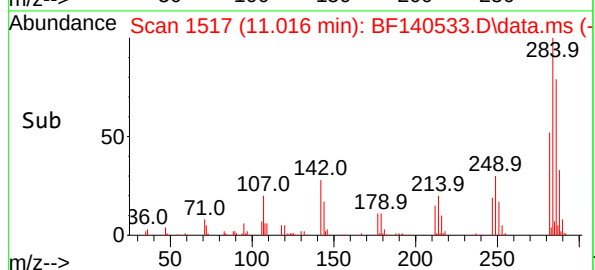
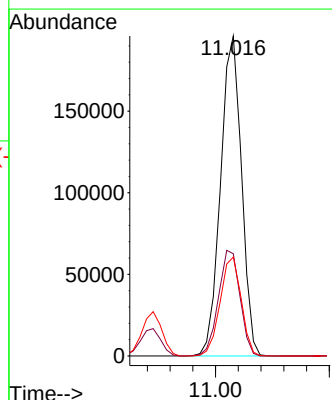
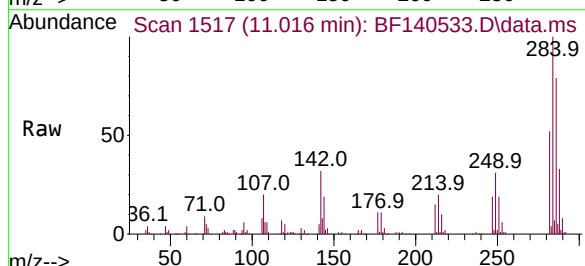
Tgt Ion:284 Resp: 251498

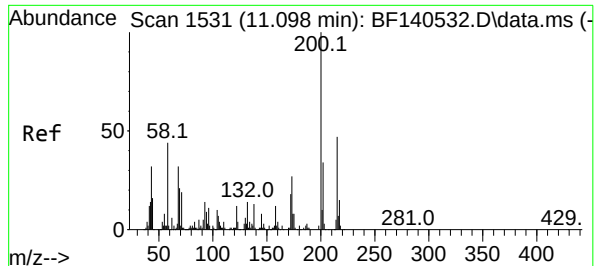
Ion Ratio Lower Upper

284 100

142 32.0 25.3 37.9

249 30.9 24.8 37.2

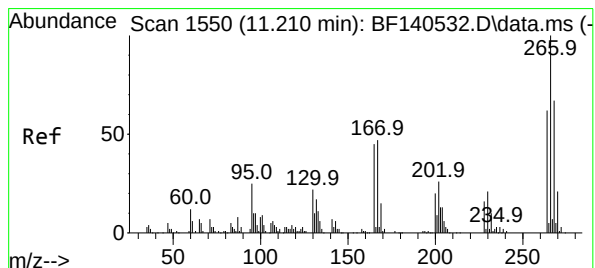
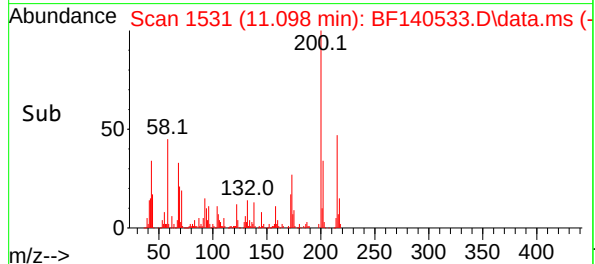
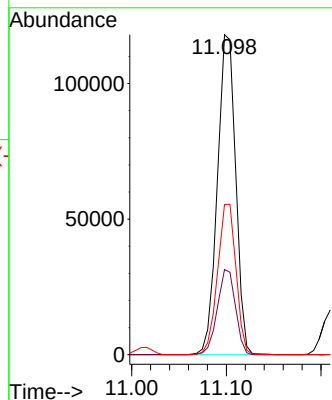
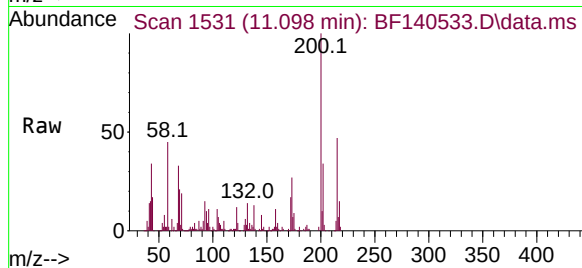




#69
Atrazine
Concen: 44.180 ng
RT: 11.098 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

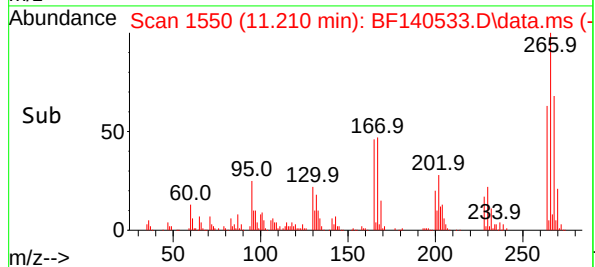
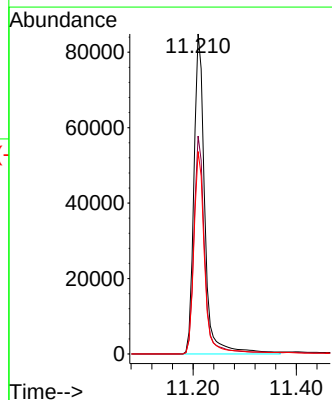
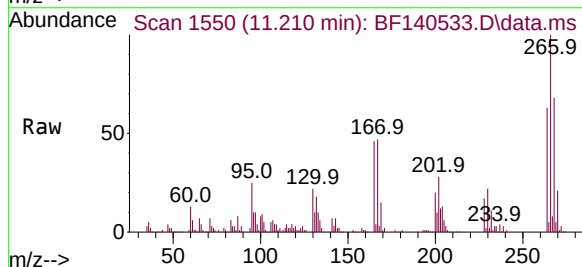
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

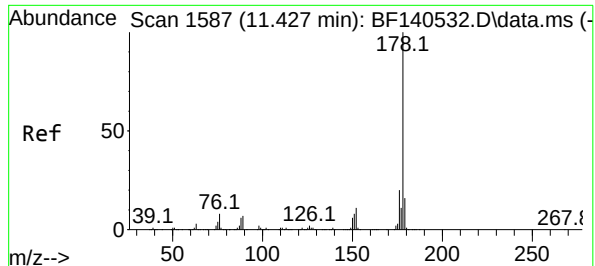
Tgt Ion:200 Resp: 159048
Ion Ratio Lower Upper
200 100
173 26.6 7.0 47.0
215 46.9 26.7 66.7



#70
Pentachlorophenol
Concen: 54.656 ng
RT: 11.210 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:266 Resp: 124128
Ion Ratio Lower Upper
266 100
268 68.1 53.7 80.5
264 63.3 49.8 74.8

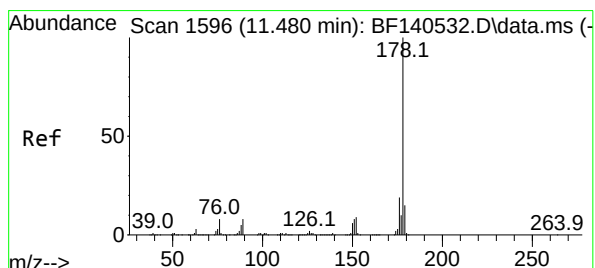
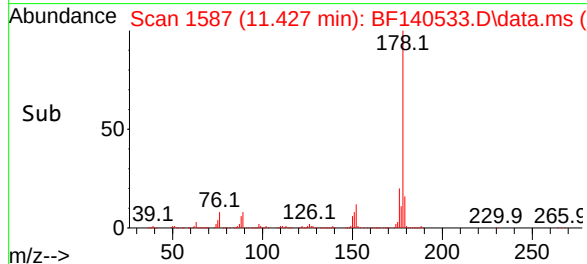
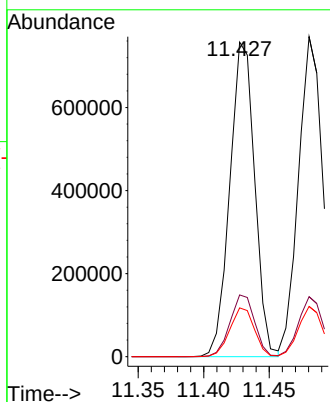
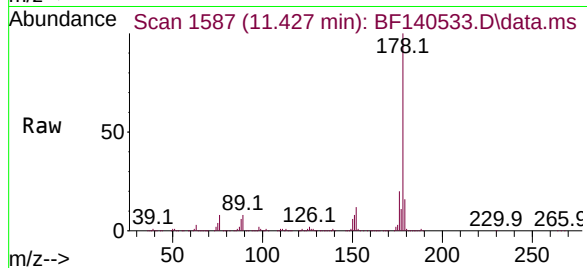




#71
Phenanthrene
Concen: 48.118 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

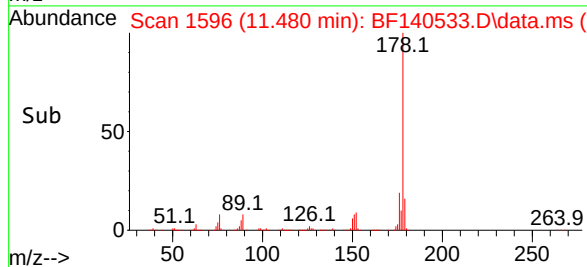
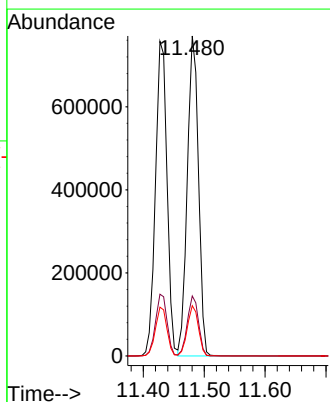
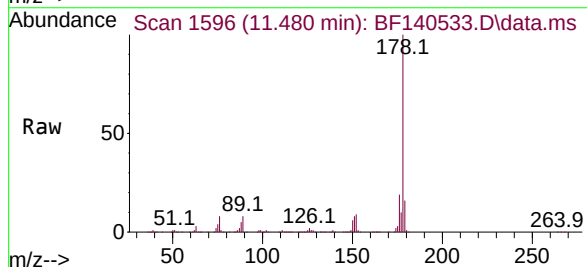
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

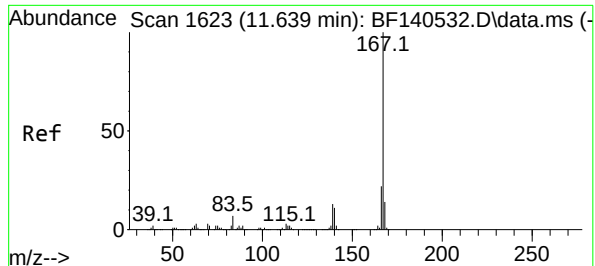
Tgt Ion:178 Resp: 1000897
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.5 12.4 18.6



#72
Anthracene
Concen: 48.111 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:178 Resp: 978923
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.7 12.2 18.4

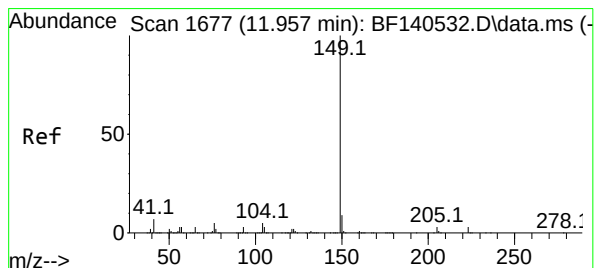
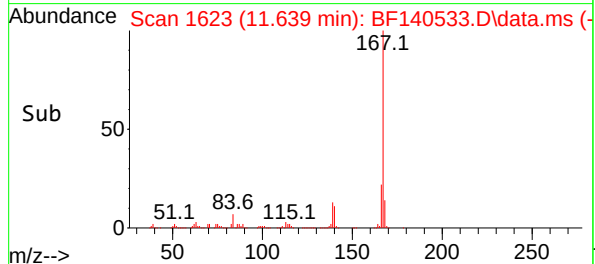
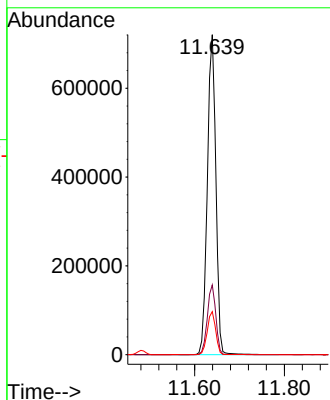
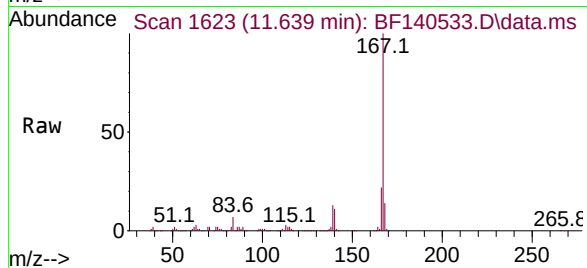




#73
Carbazole
Concen: 48.436 ng
RT: 11.639 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

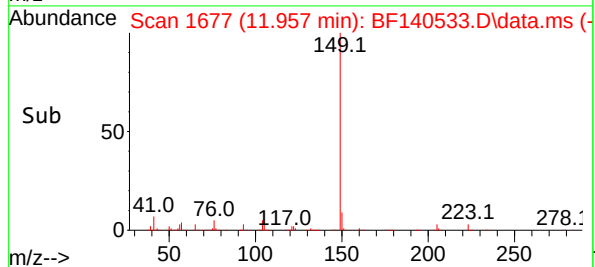
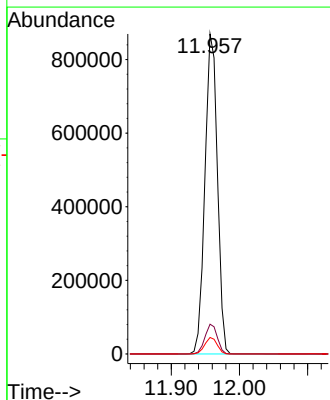
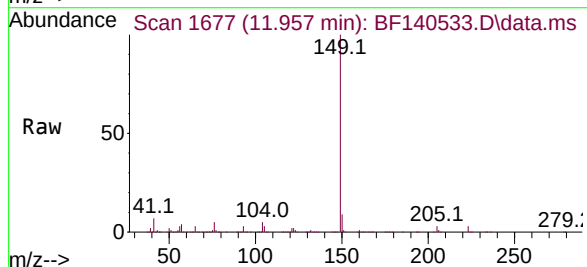
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

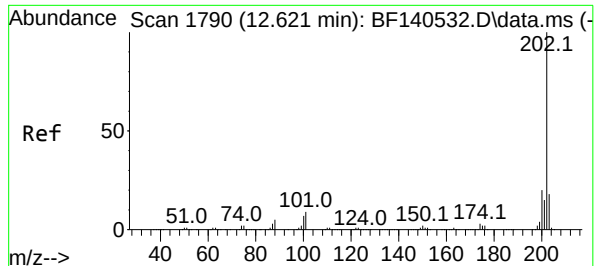
Tgt Ion:167 Resp: 948090
Ion Ratio Lower Upper
167 100
166 21.8 17.2 25.8
139 13.5 10.6 15.8



#74
Di-n-butylphthalate
Concen: 48.899 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

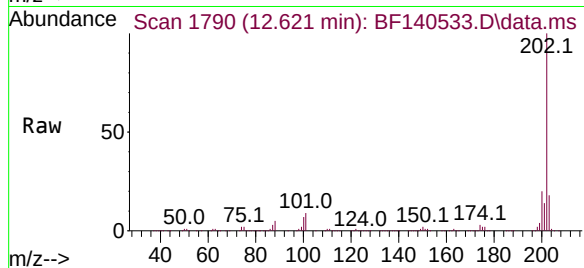
Tgt Ion:149 Resp: 1105032
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.2 4.1 6.1



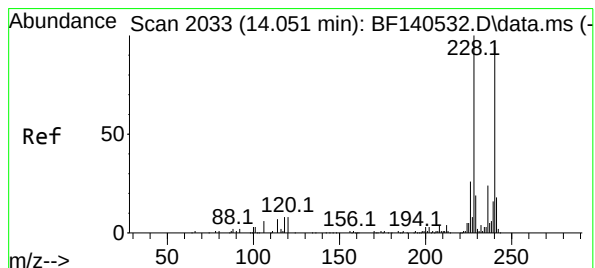
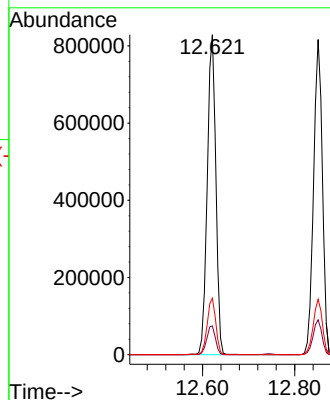
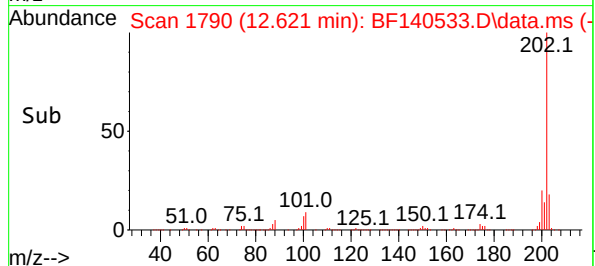


#75
Fluoranthene
Concen: 47.849 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

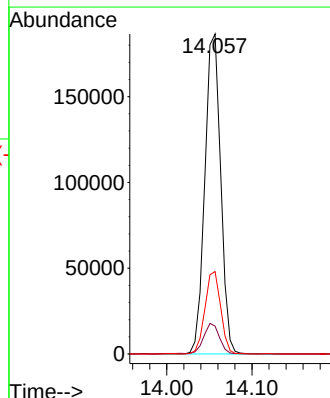
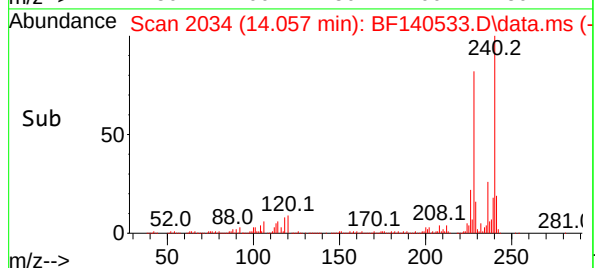
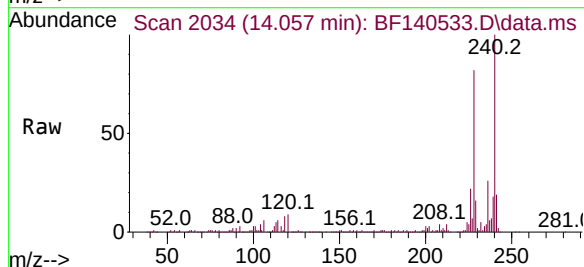


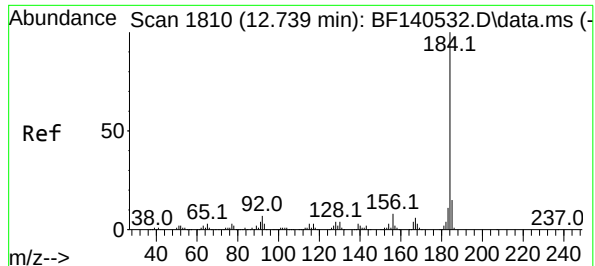
Tgt Ion:202 Resp: 1080641
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:240 Resp: 241266
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.7 20.6 31.0





#77

Benzidine

Concen: 63.133 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

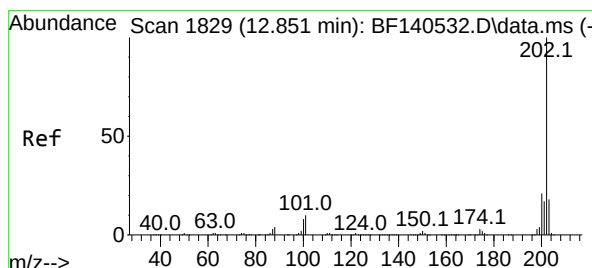
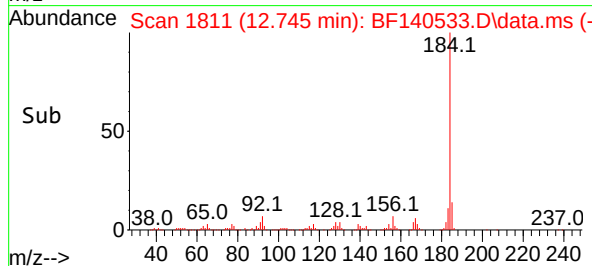
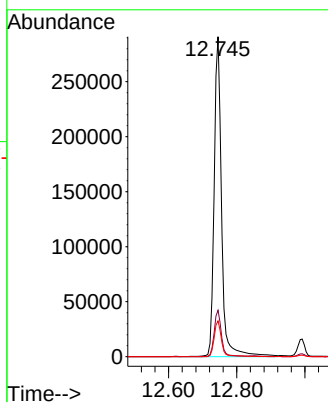
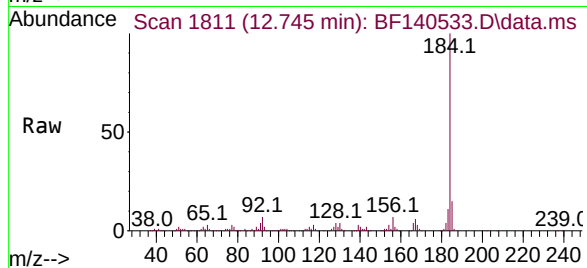
Tgt Ion:184 Resp: 442856

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 11.2 8.8 13.2



#78

Pyrene

Concen: 48.420 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

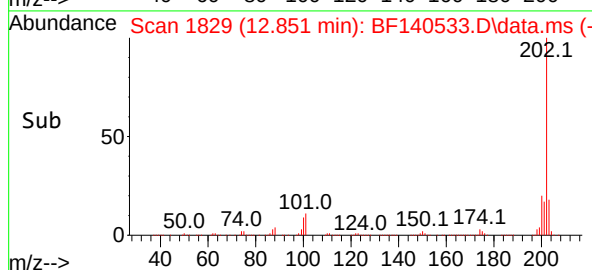
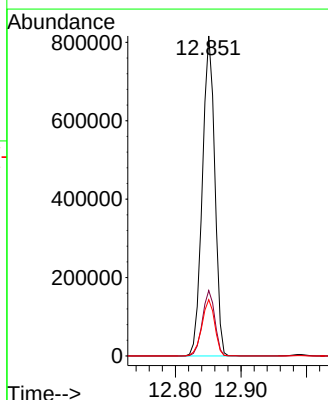
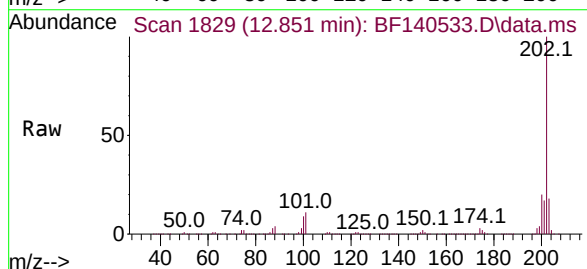
Tgt Ion:202 Resp: 1080149

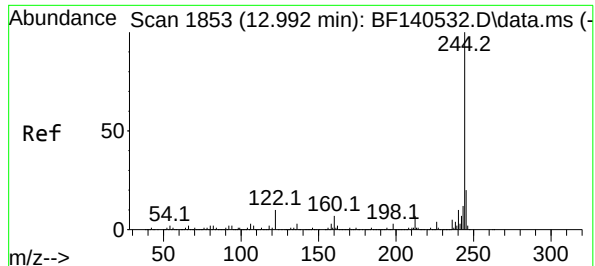
Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 95.640 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

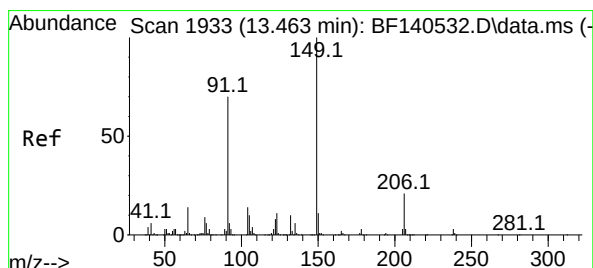
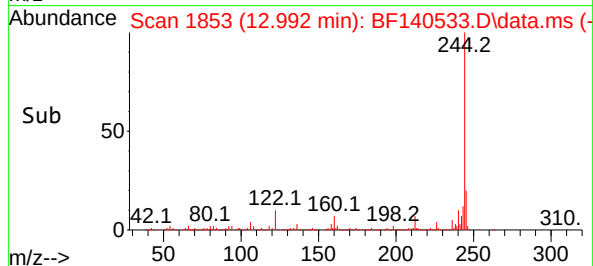
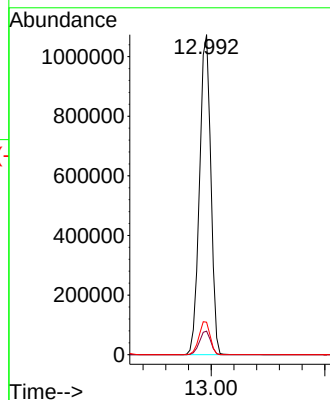
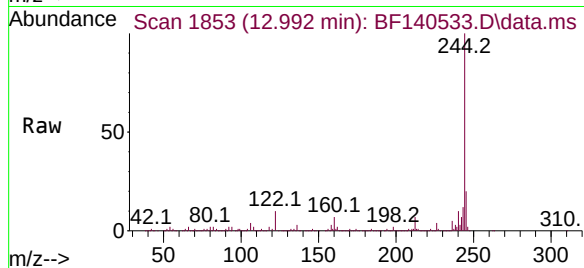
Tgt Ion:244 Resp: 1481875

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 10.2 8.0 12.0



#80

Butylbenzylphthalate

Concen: 49.136 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

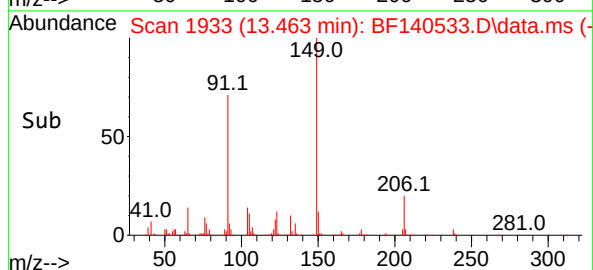
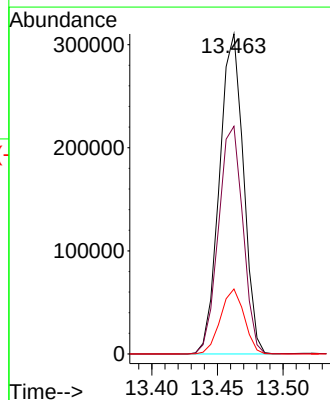
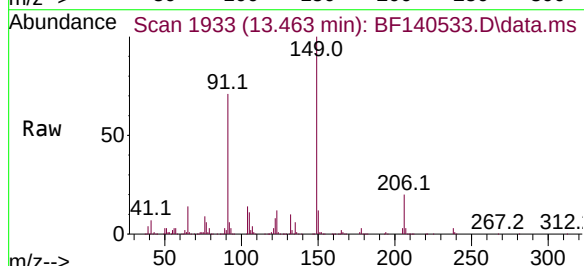
Tgt Ion:149 Resp: 394867

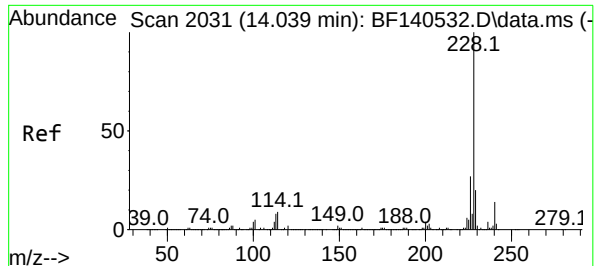
Ion Ratio Lower Upper

149 100

91 71.1 56.2 84.2

206 20.3 16.4 24.6

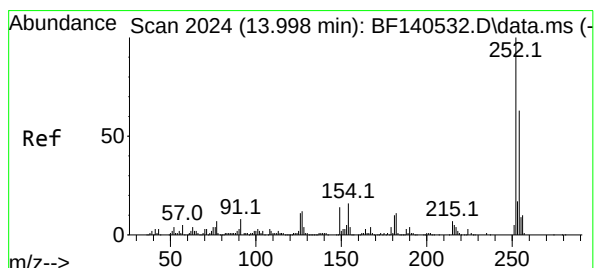
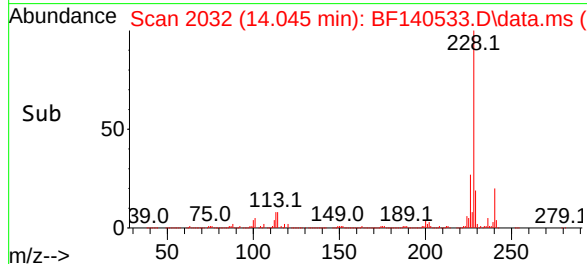
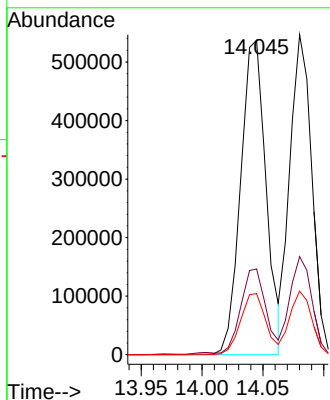
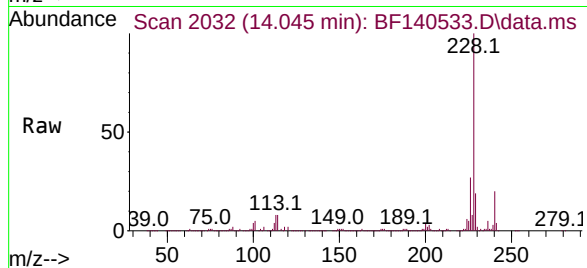




#81
Benzo(a)anthracene
Concen: 48.892 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

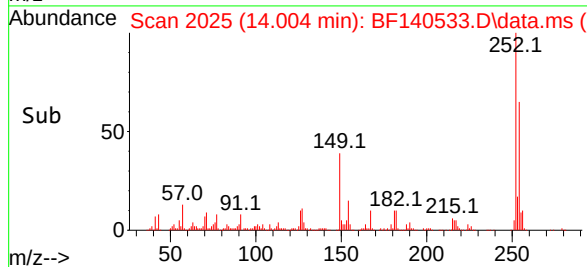
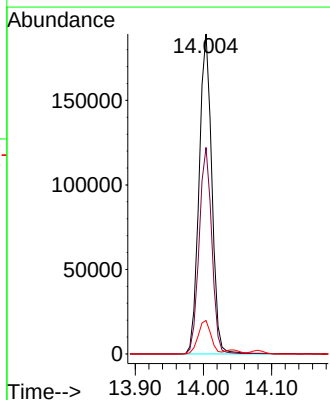
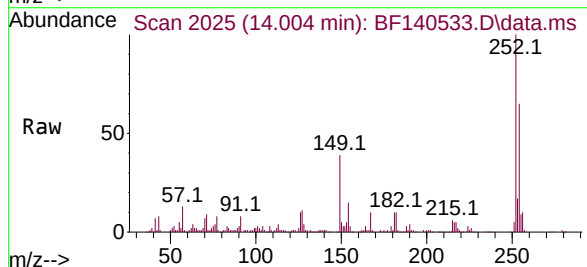
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

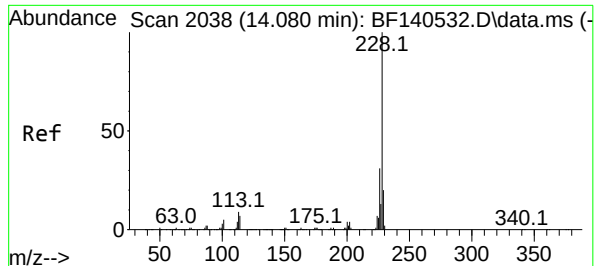
Tgt Ion:228 Resp: 780853
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 51.072 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:252 Resp: 244892
Ion Ratio Lower Upper
252 100
254 64.5 50.8 76.2
126 10.5 8.6 13.0





#83

Chrysene

Concen: 46.964 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

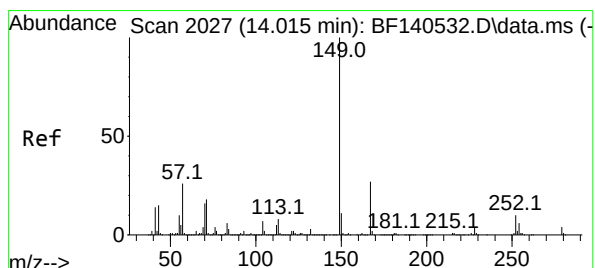
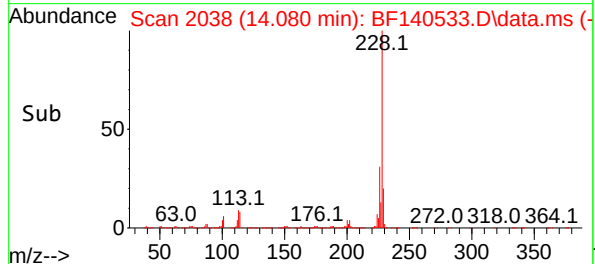
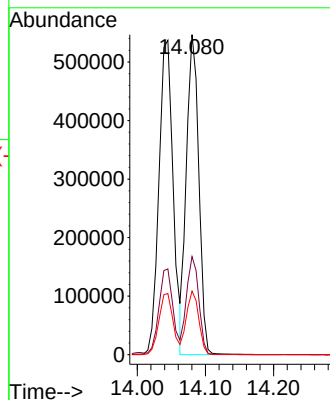
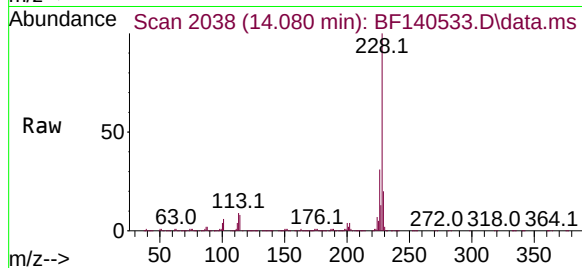
Tgt Ion:228 Resp: 685847

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.994 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

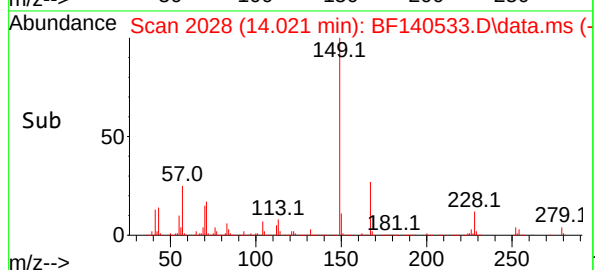
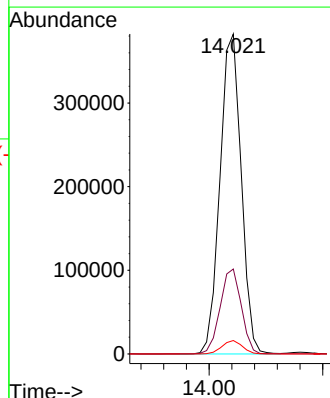
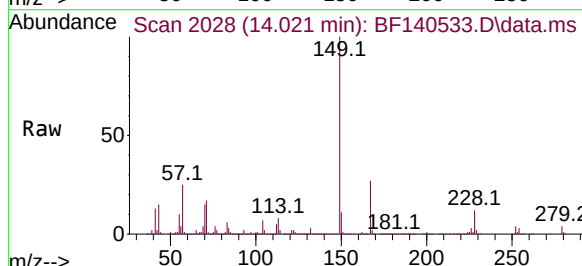
Tgt Ion:149 Resp: 497161

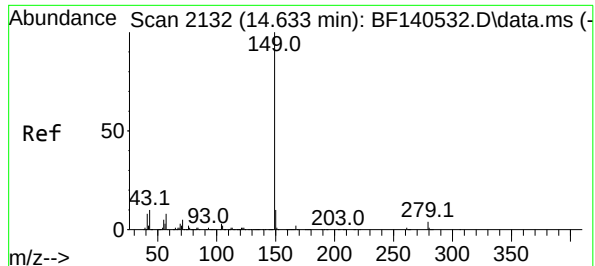
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 4.2 3.2 4.8

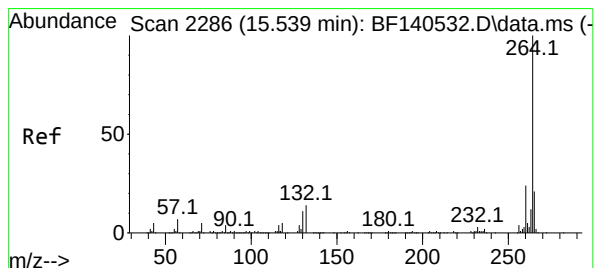
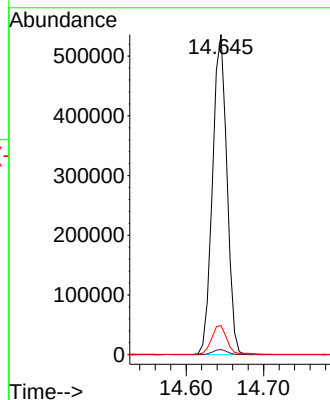
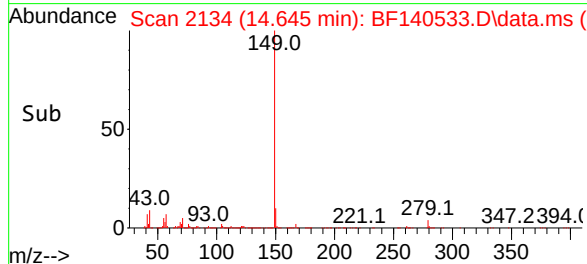
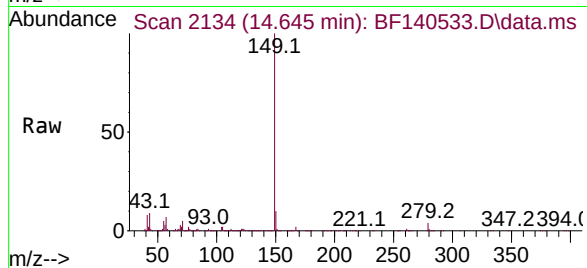




#85
Di-n-octyl phthalate
Concen: 49.901 ng
RT: 14.645 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

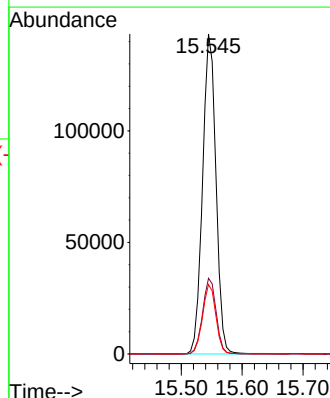
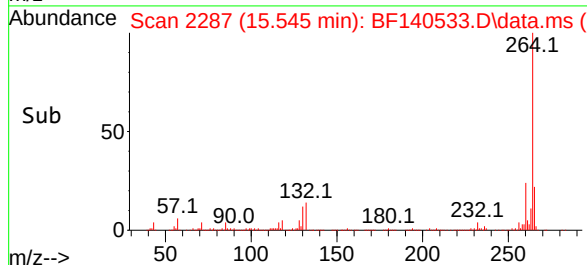
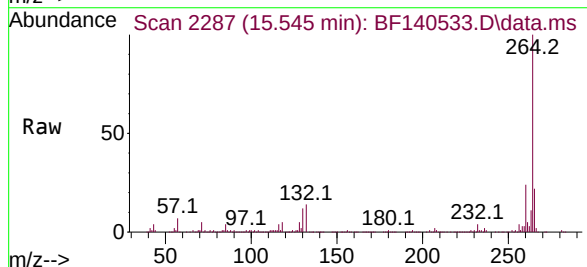
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

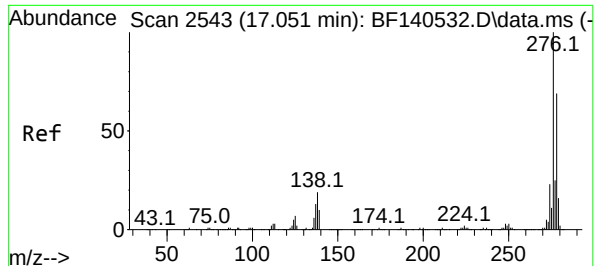
Tgt Ion:149 Resp: 692020
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:264 Resp: 219139
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.117 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

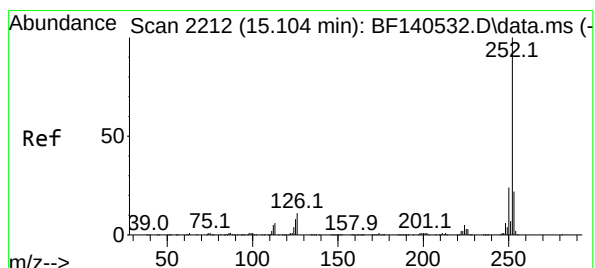
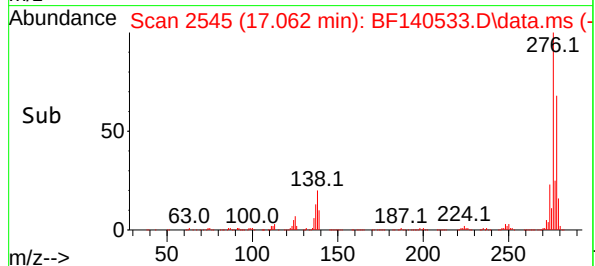
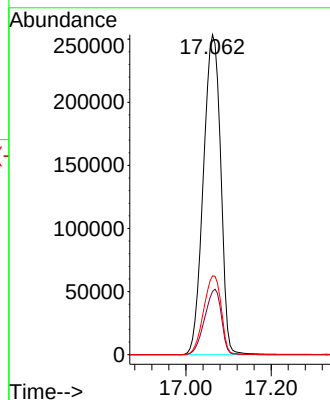
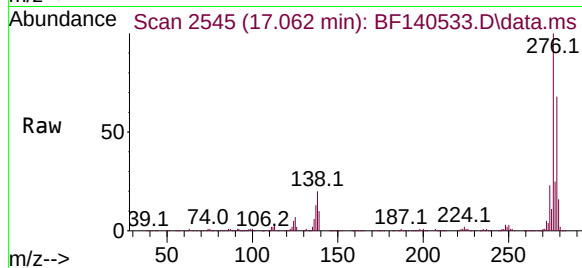
Tgt Ion:276 Resp: 715720

Ion Ratio Lower Upper

276 100

138 19.8 15.5 23.3

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 49.687 ng

RT: 15.109 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

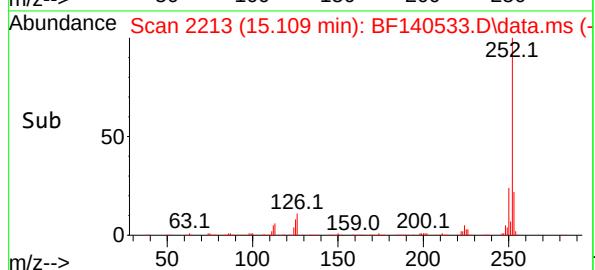
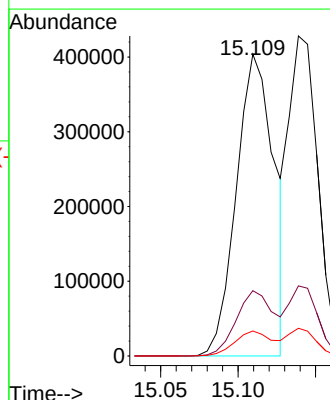
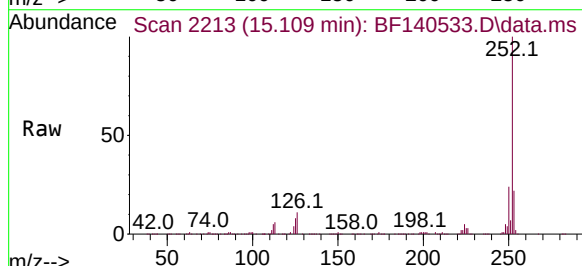
Tgt Ion:252 Resp: 683919

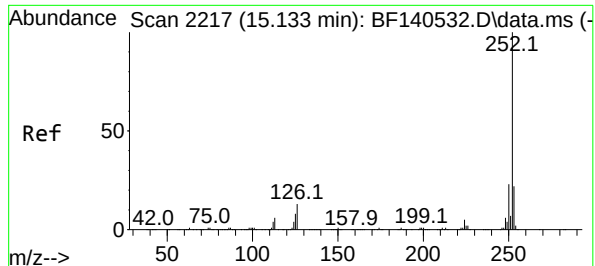
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 8.3 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 46.467 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

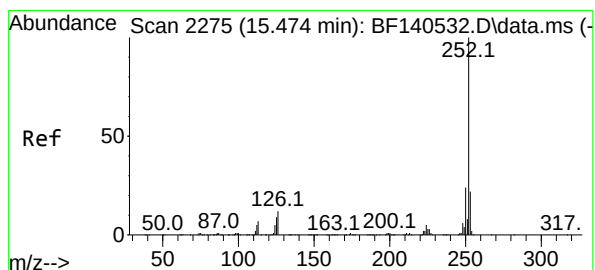
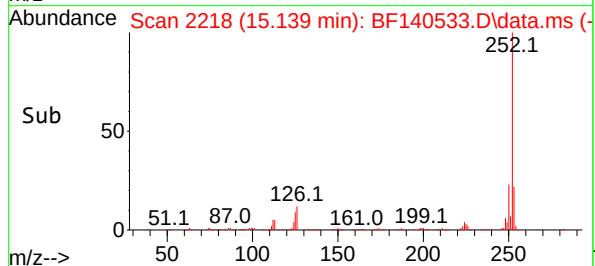
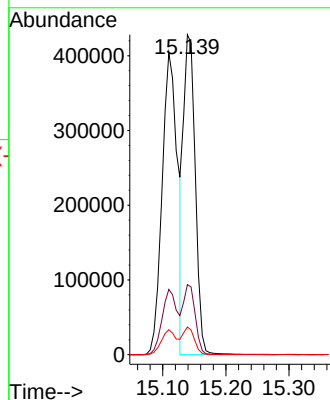
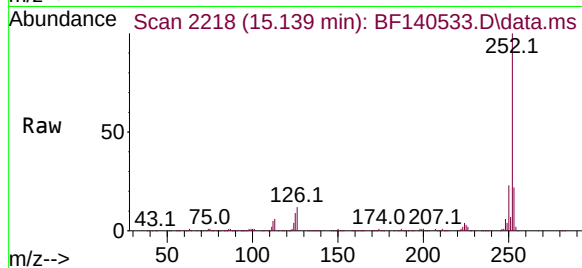
Tgt Ion:252 Resp: 559704

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.7 6.5 9.7



#90

Benzo(a)pyrene

Concen: 48.835 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

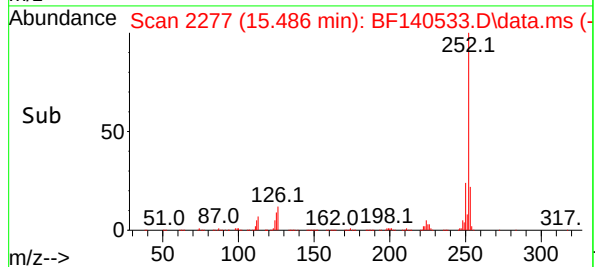
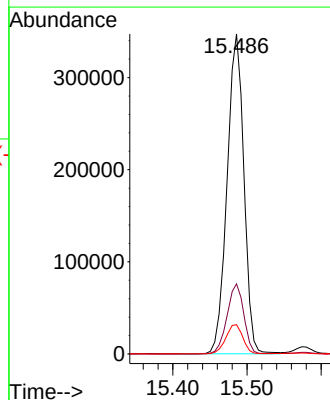
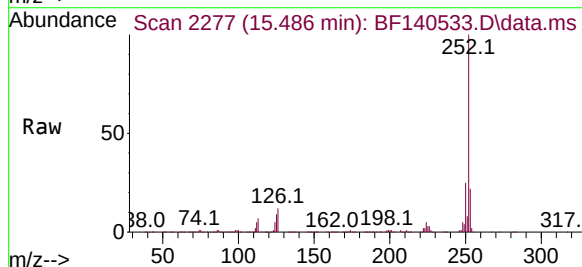
Tgt Ion:252 Resp: 546539

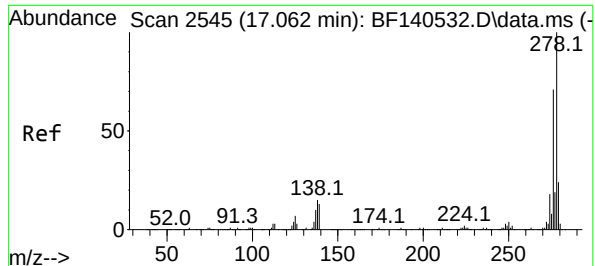
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.1 7.0 10.6

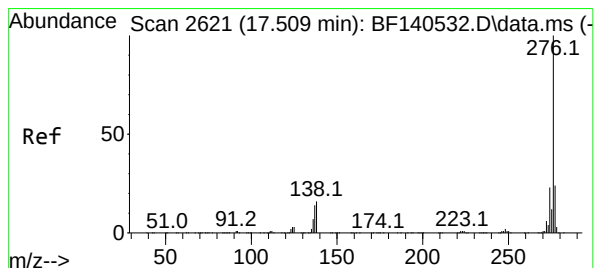
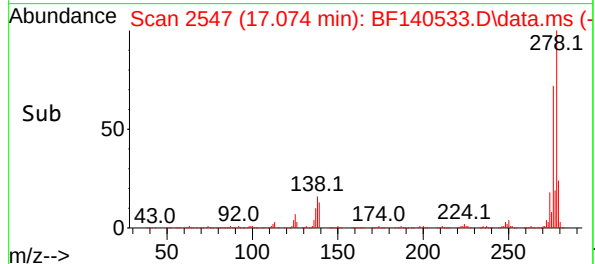
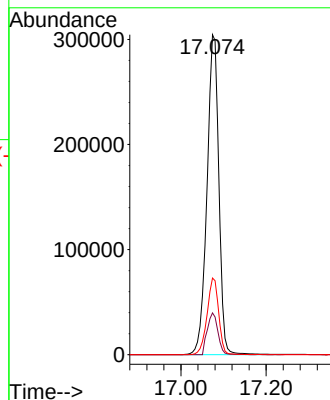
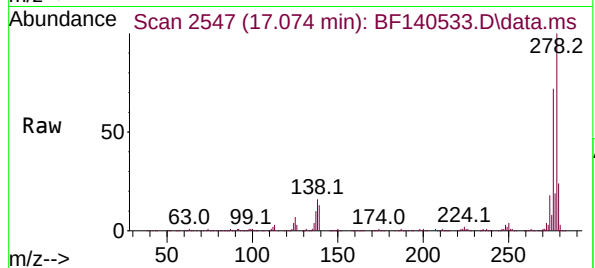




#91
Dibenzo(a,h)anthracene
Concen: 50.339 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

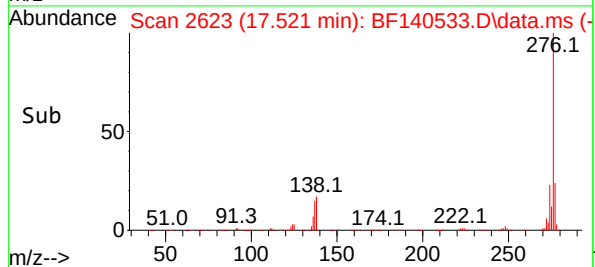
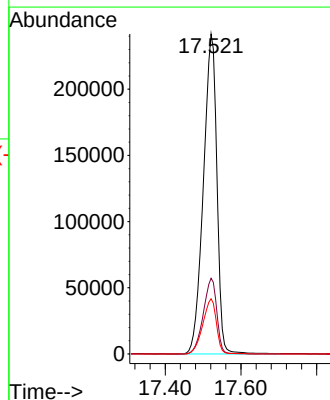
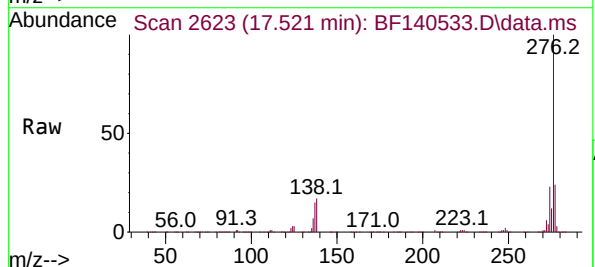
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 588742
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 24.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 50.203 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.012 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:276 Resp: 599158
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 17.2 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140534.D
 Acq On : 21 Nov 2024 13:51
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Nov 21 15:14:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	126992	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	460987	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	252108	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	449876	20.000	ng	0.00
76) Chrysene-d12	14.051	240	226512	20.000	ng	0.00
86) Perylene-d12	15.539	264	216239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	858529	115.348	ng	0.00
7) Phenol-d6	6.522	99	1119751	113.799	ng	0.00
23) Nitrobenzene-d5	7.445	82	1043537	115.789	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	317506	117.756	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1875064	110.815	ng	0.00
79) Terphenyl-d14	12.992	244	1783980	122.638	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	172855	55.237	ng	100
3) Pyridine	3.422	79	414269	60.167	ng	97
4) n-Nitrosodimethylamine	3.398	42	240667	59.472	ng	99
6) Aniline	6.545	93	388609	56.111	ng	# 75
8) 2-Chlorophenol	6.669	128	460365	57.492	ng	99
9) Benzaldehyde	6.428	77	242020	46.462	ng	98
10) Phenol	6.539	94	567815	56.506	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	457231	59.461	ng	99
12) 1,3-Dichlorobenzene	6.816	146	518683	57.647	ng	99
13) 1,4-Dichlorobenzene	6.892	146	522883	57.394	ng	99
14) 1,2-Dichlorobenzene	7.051	146	482402	56.509	ng	99
15) Benzyl Alcohol	7.022	79	415427	56.931	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	524697	57.758	ng	98
17) 2-Methylphenol	7.139	107	365400	57.006	ng	97
18) Hexachloroethane	7.386	117	194336	57.114	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	326639	56.169	ng	98
20) 3+4-Methylphenols	7.292	107	460654	55.912	ng	95
22) Acetophenone	7.292	105	636564	56.641	ng	98
24) Nitrobenzene	7.463	77	540526	58.030	ng	100
25) Isophorone	7.698	82	876972	58.340	ng	99
26) 2-Nitrophenol	7.775	139	249133	60.355	ng	100
27) 2,4-Dimethylphenol	7.816	122	285825	57.873	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	531210	58.008	ng	100
29) 2,4-Dichlorophenol	8.022	162	379082	57.925	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	431792	57.787	ng	100
31) Naphthalene	8.181	128	1359743	57.265	ng	99
32) Benzoic acid	7.969	122	265434	59.698	ng	99
33) 4-Chloroaniline	8.233	127	425356	59.831	ng	99
34) Hexachlorobutadiene	8.292	225	286614	57.911	ng	98
35) Caprolactam	8.622	113	117351	57.943	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	424528	57.938	ng	99
37) 2-Methylnaphthalene	8.869	142	857509	56.857	ng	100
38) 1-Methylnaphthalene	8.969	142	841528	56.925	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	427164	57.878	ng	99
41) Hexachlorocyclopentadiene	9.016	237	97536	60.727	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	272399	58.819	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140534.D
 Acq On : 21 Nov 2024 13:51
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Nov 21 15:14:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

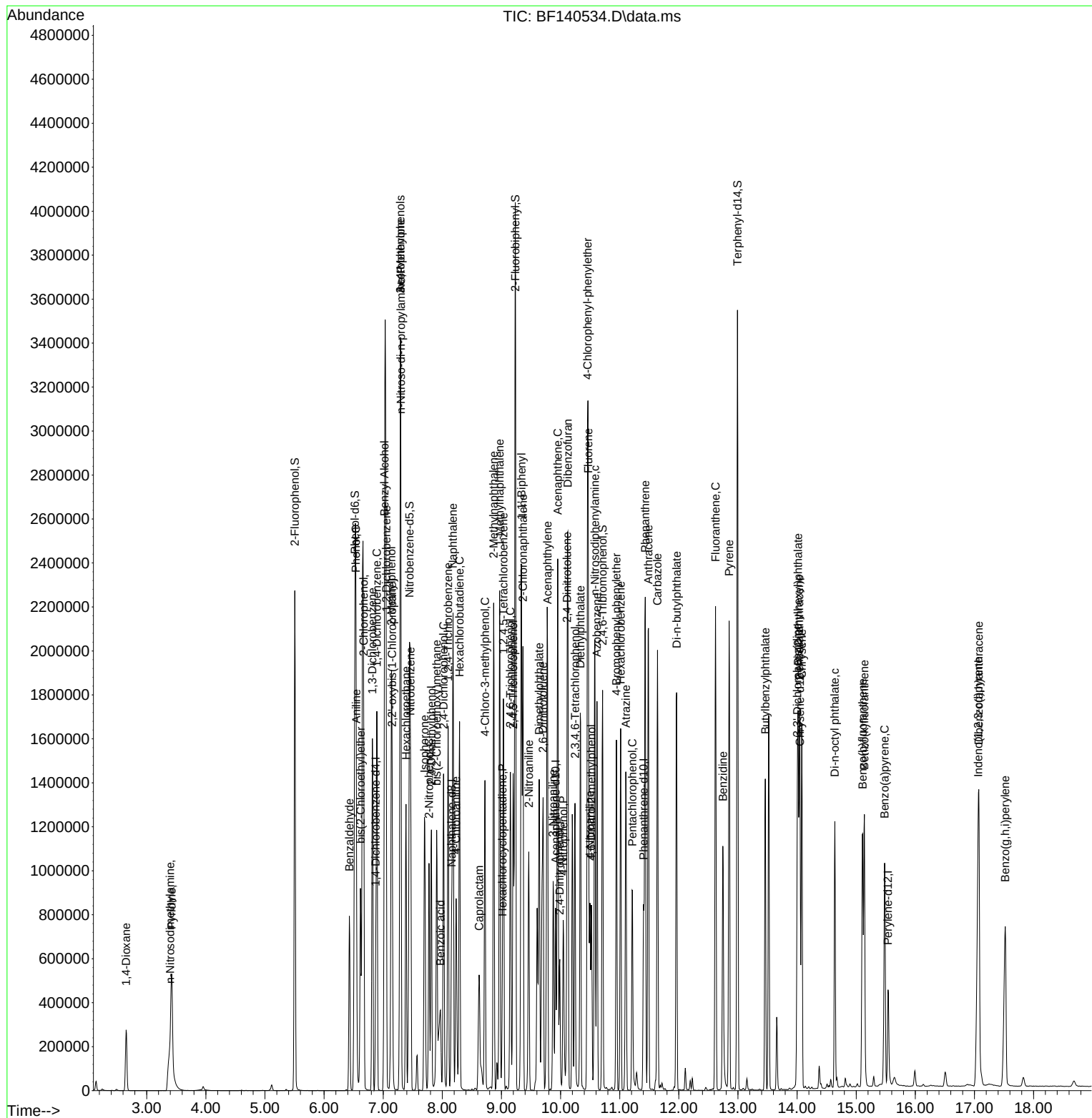
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	300029	59.694	ng	98
46) 1,1'-Biphenyl	9.339	154	1072474	56.978	ng	99
47) 2-Chloronaphthalene	9.363	162	819966	57.492	ng	99
48) 2-Nitroaniline	9.463	65	269813	58.938	ng	96
49) Acenaphthylene	9.780	152	1227568	56.965	ng	99
50) Dimethylphthalate	9.639	163	960589	57.854	ng	100
51) 2,6-Dinitrotoluene	9.704	165	221428	58.802	ng	99
52) Acenaphthene	9.951	154	784102	56.194	ng	100
53) 3-Nitroaniline	9.875	138	212165	57.607	ng	99
54) 2,4-Dinitrophenol	9.986	184	113495	60.328	ng	97
55) Dibenzofuran	10.122	168	1158263	55.459	ng	98
56) 4-Nitrophenol	10.045	139	161782	64.410	ng	96
57) 2,4-Dinitrotoluene	10.110	165	293950	58.735	ng	98
58) Fluorene	10.469	166	925678	55.218	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	230786	59.746	ng	97
60) Diethylphthalate	10.333	149	959366	56.869	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	457757	55.641	ng	99
62) 4-Nitroaniline	10.498	138	233877	60.547	ng	98
63) Azobenzene	10.616	77	912145	57.097	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	158199	68.815	ng	98
66) n-Nitrosodiphenylamine	10.580	169	783428	58.887	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	276260	59.628	ng	98
68) Hexachlorobenzene	11.016	284	317935	59.265	ng	99
69) Atrazine	11.104	200	264529	70.679	ng	100
70) Pentachlorophenol	11.216	266	162925	69.004	ng	99
71) Phenanthrene	11.433	178	1236004	57.156	ng	100
72) Anthracene	11.486	178	1220392	57.692	ng	99
73) Carbazole	11.639	167	1163411	57.171	ng	99
74) Di-n-butylphthalate	11.963	149	1359134	57.851	ng	100
75) Fluoranthene	12.621	202	1298953	55.323	ng	99
77) Benzidine	12.745	184	696576	105.771	ng	100
78) Pyrene	12.851	202	1289961	61.591	ng	100
80) Butylbenzylphthalate	13.463	149	458296	60.743	ng	98
81) Benzo(a)anthracene	14.039	228	909243	60.640	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	284725	63.247	ng	99
83) Chrysene	14.080	228	797151	58.142	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	571450	59.983	ng	100
85) Di-n-octyl phthalate	14.639	149	794359	61.012	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	914265	64.878	ng	98
88) Benzo(b)fluoranthene	15.109	252	782997	57.648	ng	99
89) Benzo(k)fluoranthene	15.139	252	684548	57.594	ng	100
90) Benzo(a)pyrene	15.480	252	657502	59.538	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	745614	64.606	ng	99
92) Benzo(g,h,i)perylene	17.521	276	753452	63.978	ng	98

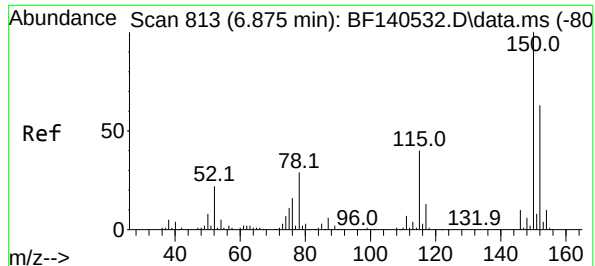
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140534.D
Acq On : 21 Nov 2024 13:51
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

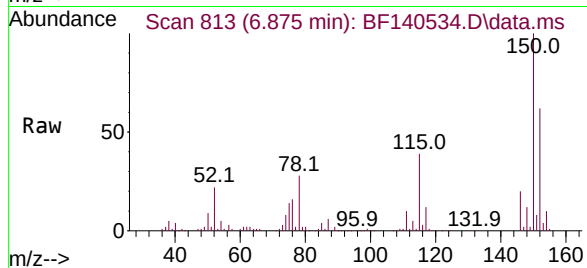
Quant Time: Nov 21 15:14:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration



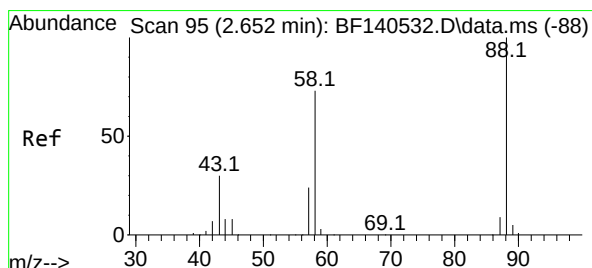
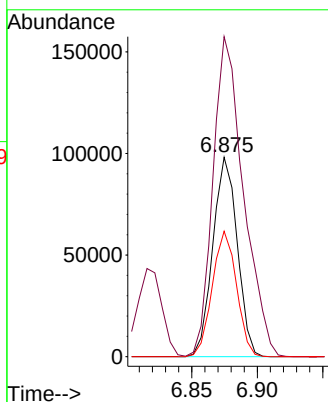
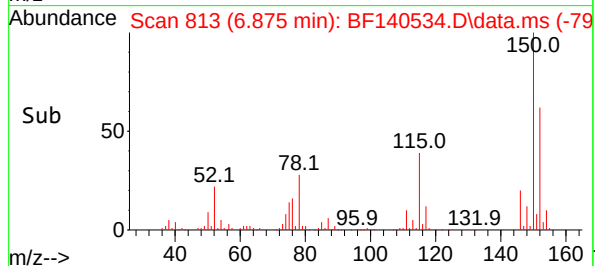


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

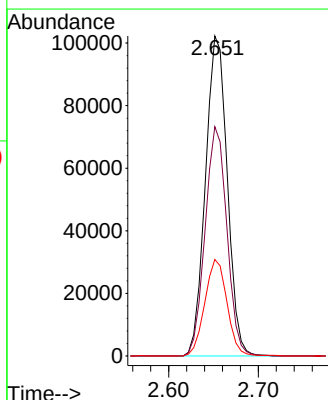
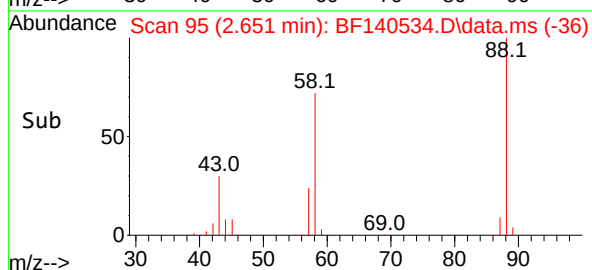
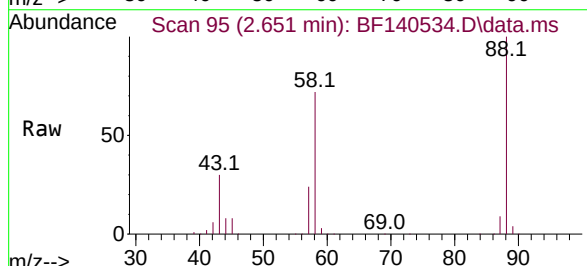


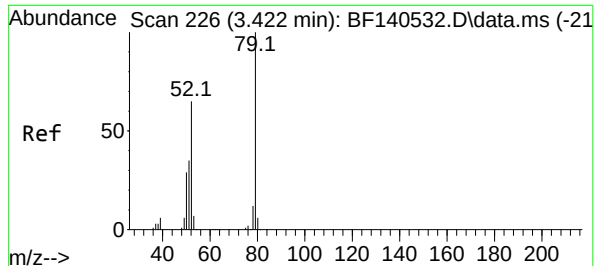
Tgt Ion:152 Resp: 126992
Ion Ratio Lower Upper
152 100
150 160.5 128.5 192.7
115 62.9 50.2 75.4



#2
1,4-Dioxane
Concen: 55.237 ng
RT: 2.651 min Scan# 95
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion: 88 Resp: 172855
Ion Ratio Lower Upper
88 100
58 71.5 57.4 86.2
43 30.7 24.3 36.5





#3

Pyridine

Concen: 60.167 ng

RT: 3.422 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

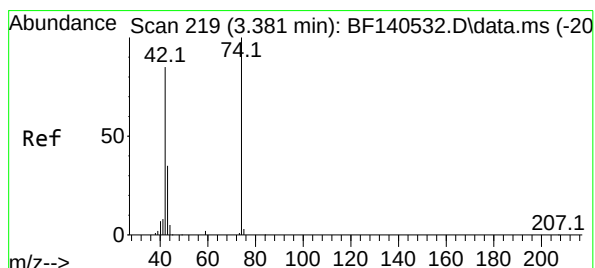
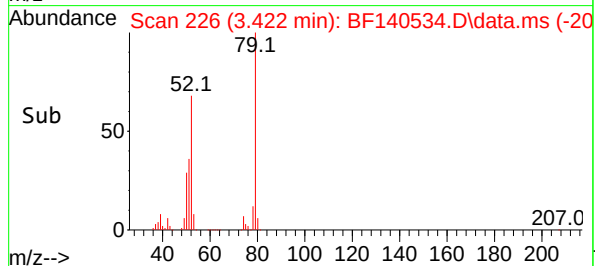
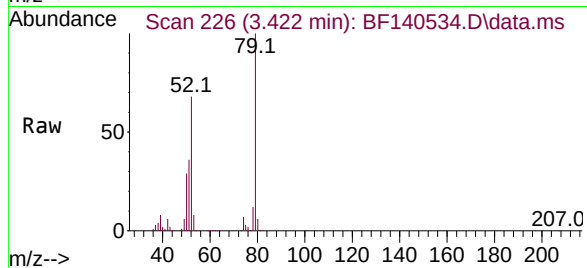
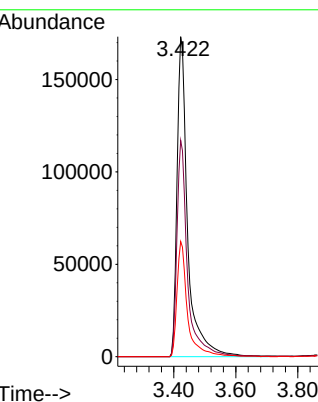
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 414269

Ion	Ratio	Lower	Upper
79	100		
52	67.6	52.1	78.1
51	36.0	27.8	41.8



#4

n-Nitrosodimethylamine

Concen: 59.472 ng

RT: 3.398 min Scan# 222

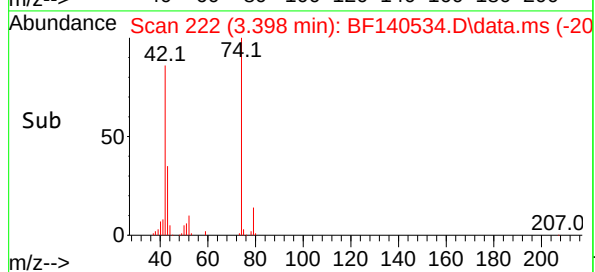
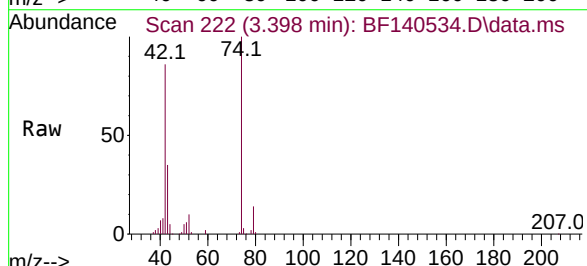
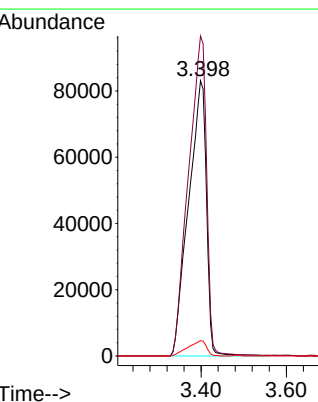
Delta R.T. 0.018 min

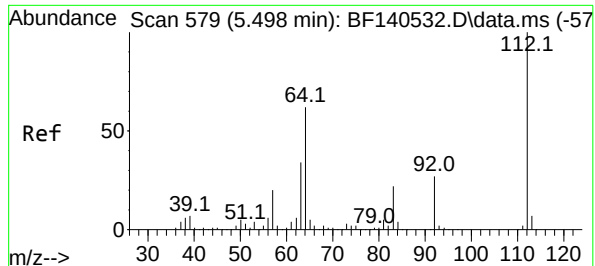
Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Tgt Ion: 42 Resp: 240667

Ion	Ratio	Lower	Upper
42	100		
74	116.3	93.8	140.6
44	5.6	4.6	6.8

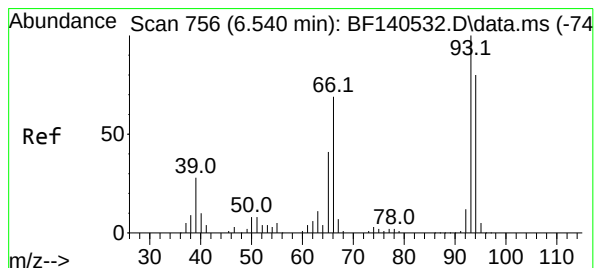
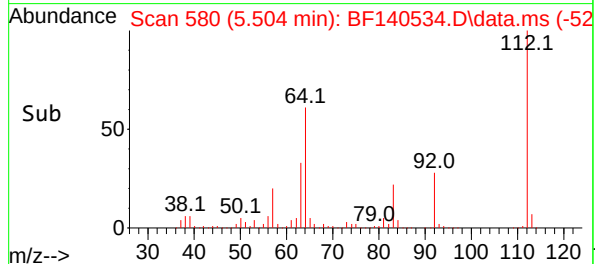
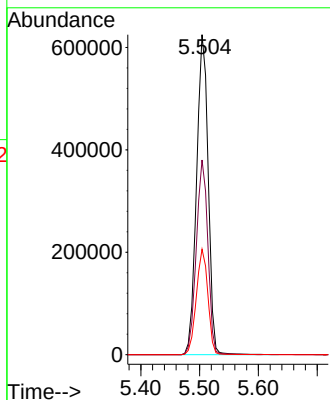
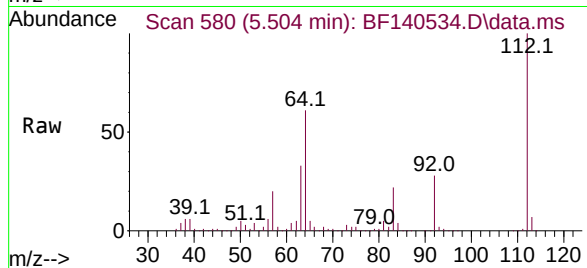




#5
2-Fluorophenol
Concen: 115.348 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

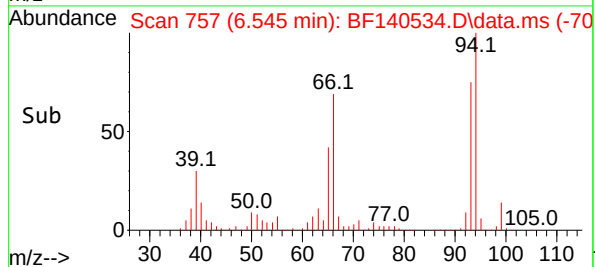
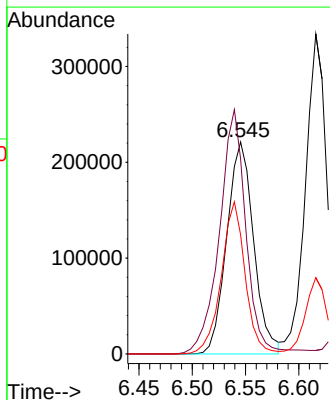
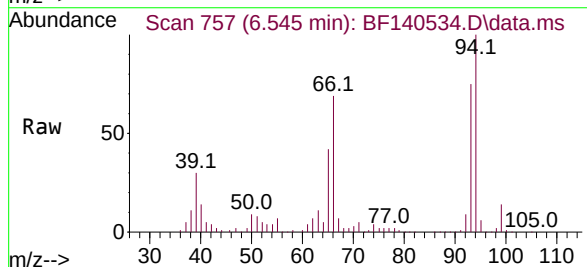
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

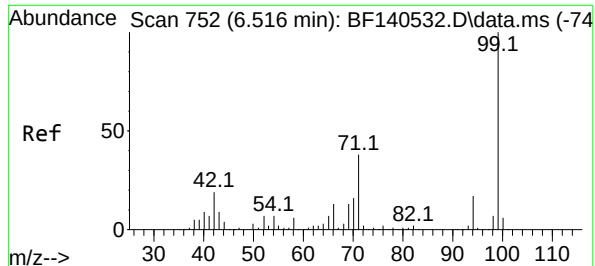
Tgt Ion:112 Resp: 858529
Ion Ratio Lower Upper
112 100
64 60.9 49.2 73.8
63 32.9 27.0 40.4



#6
Aniline
Concen: 56.111 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion: 93 Resp: 388609
Ion Ratio Lower Upper
93 100
66 92.0 56.5 84.7#
65 56.2 32.9 49.3#

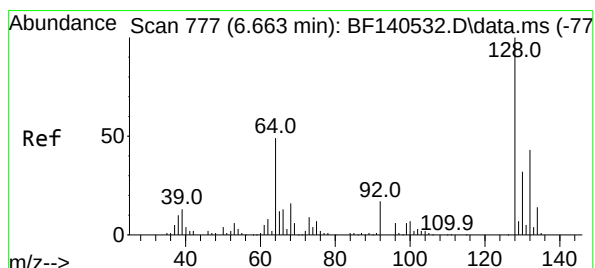
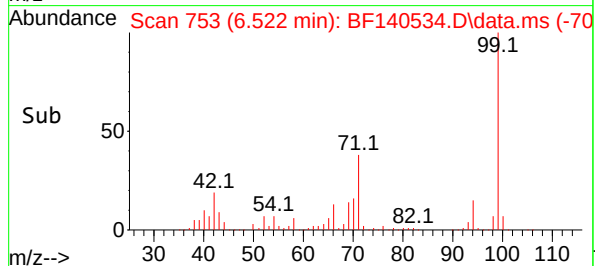
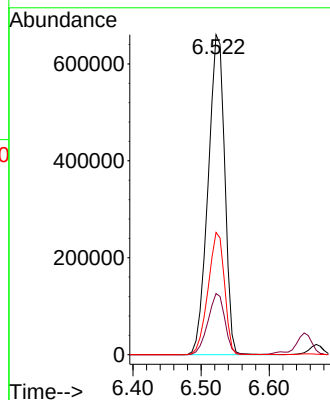
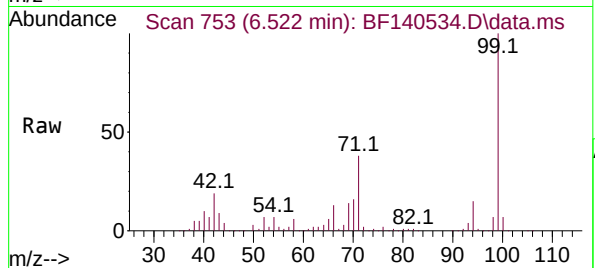




#7
Phenol-d6
Concen: 113.799 ng
RT: 6.522 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

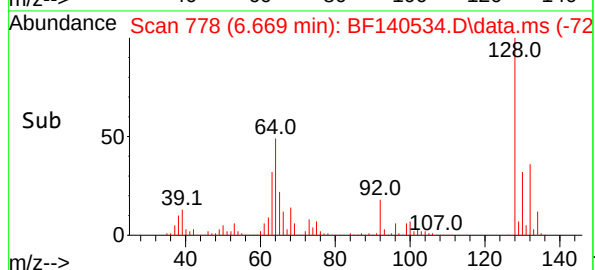
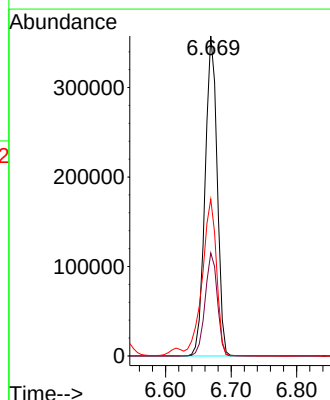
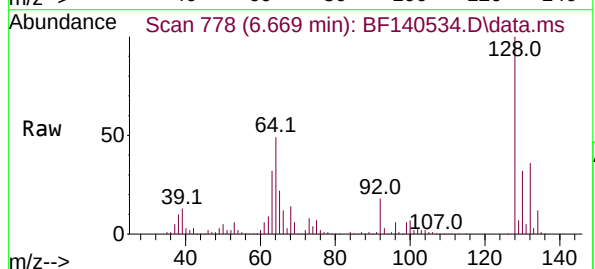
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

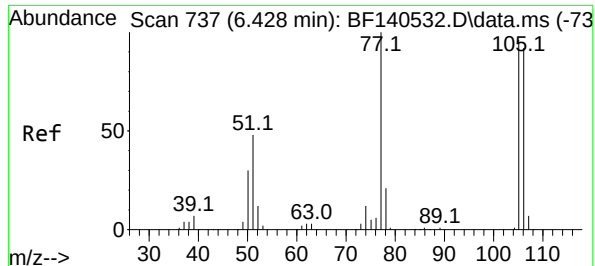
Tgt Ion: 99 Resp: 1119751
Ion Ratio Lower Upper
99 100
42 19.1 15.4 23.0
71 38.2 30.6 46.0



#8
2-Chlorophenol
Concen: 57.492 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:128 Resp: 460365
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 49.0 30.2 70.2





#9

Benzaldehyde

Concen: 46.462 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

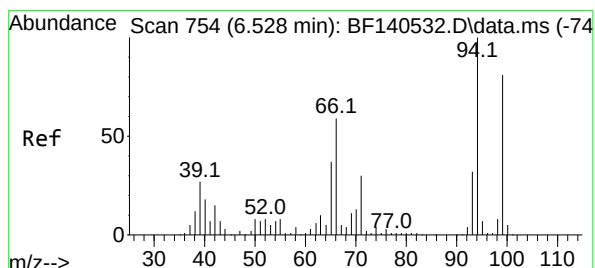
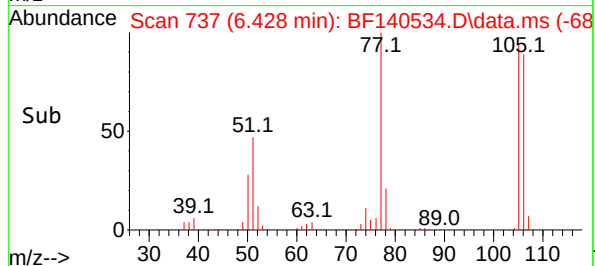
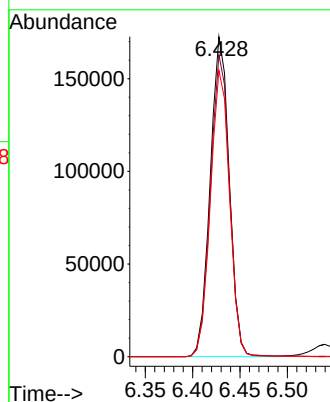
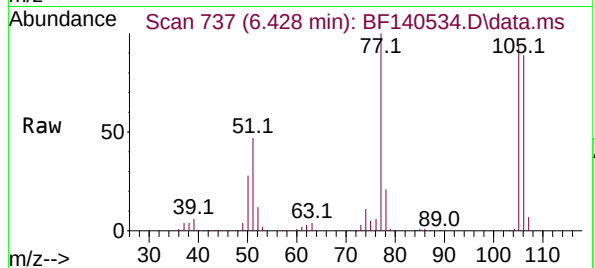
Tgt Ion: 77 Resp: 242020

Ion Ratio Lower Upper

77 100

105 94.3 75.6 115.6

106 89.4 72.0 112.0



#10

Phenol

Concen: 56.506 ng

RT: 6.539 min Scan# 756

Delta R.T. 0.012 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

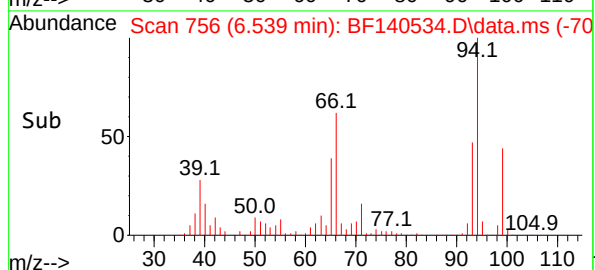
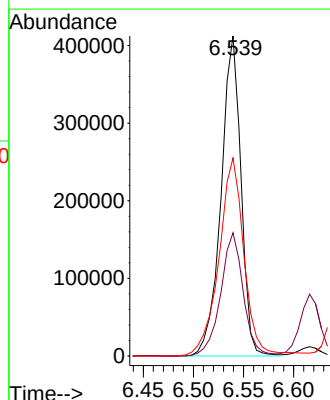
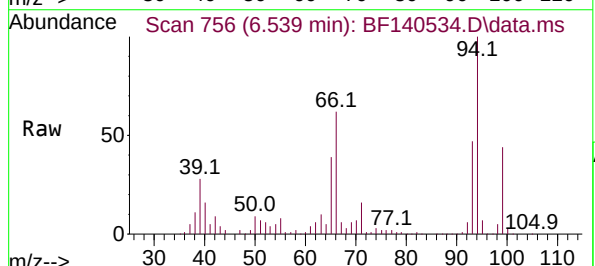
Tgt Ion: 94 Resp: 567815

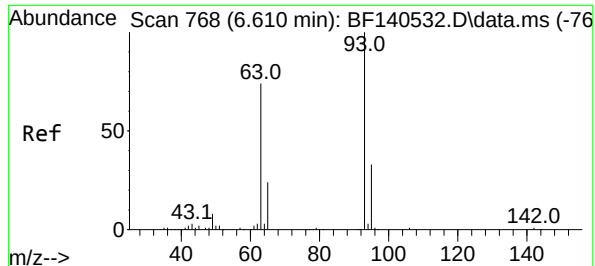
Ion Ratio Lower Upper

94 100

65 38.5 17.2 57.2

66 61.8 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 59.461 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

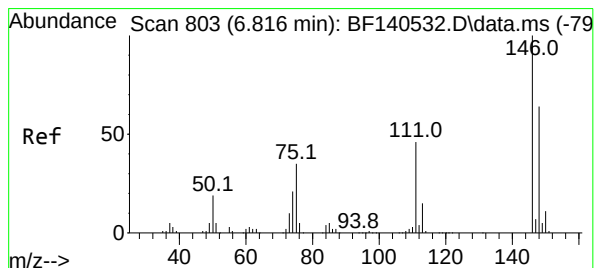
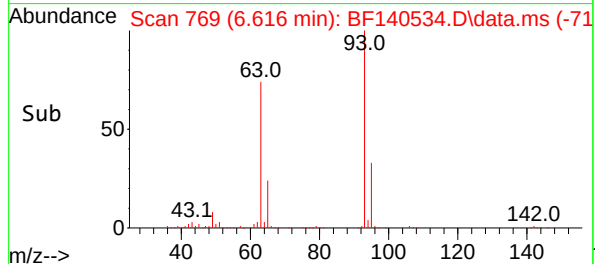
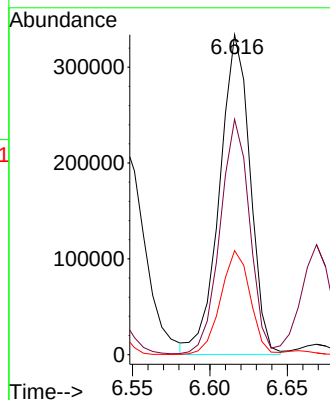
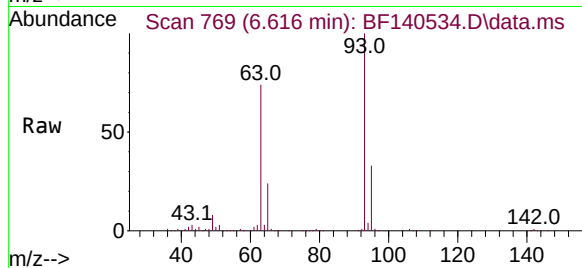
Tgt Ion: 93 Resp: 457231

Ion Ratio Lower Upper

93 100

63 73.6 52.8 92.8

95 32.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 57.647 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

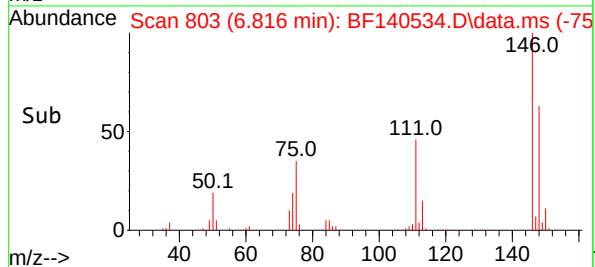
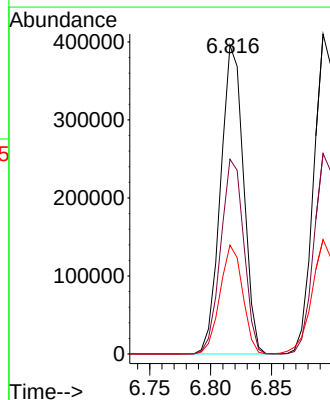
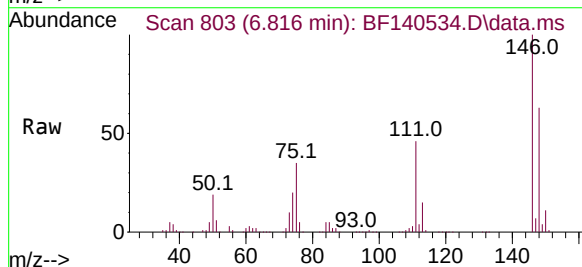
Tgt Ion: 146 Resp: 518683

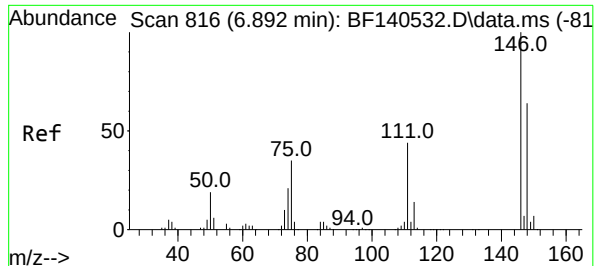
Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

75 35.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 57.394 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

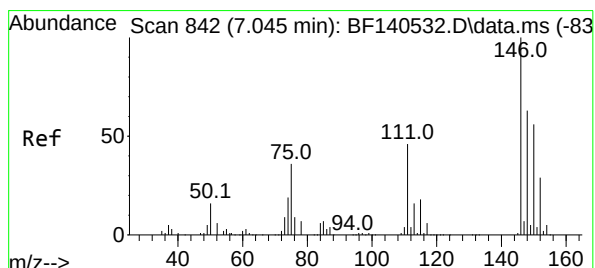
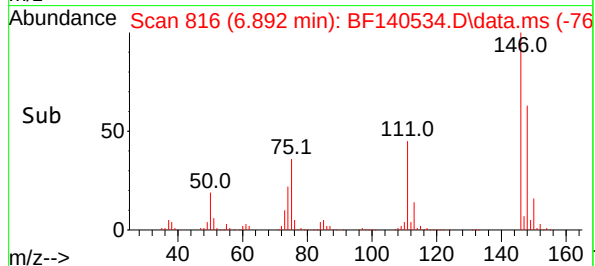
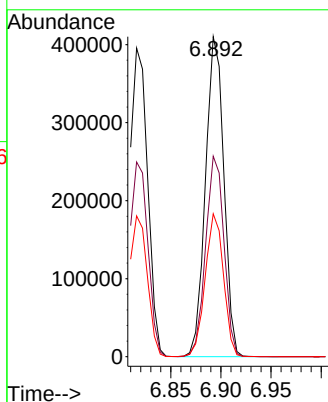
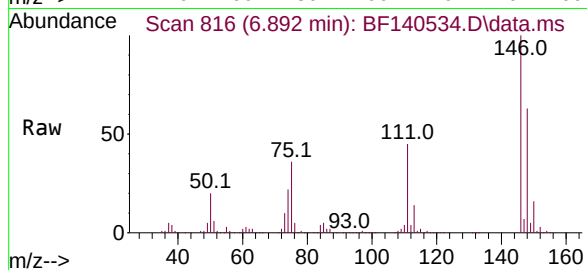
Tgt Ion:146 Resp: 522883

Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.6

111 44.6 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 56.509 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

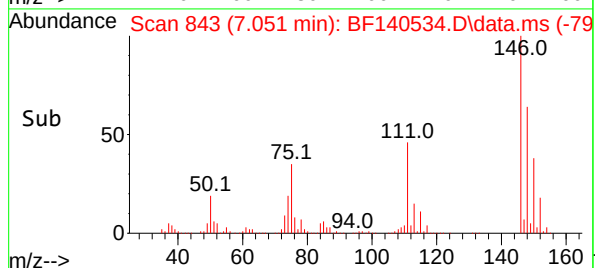
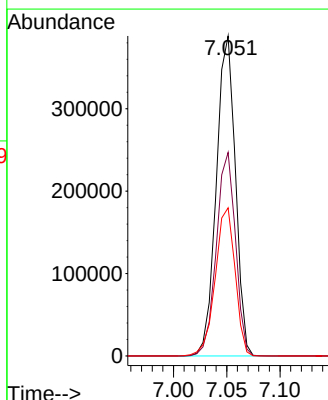
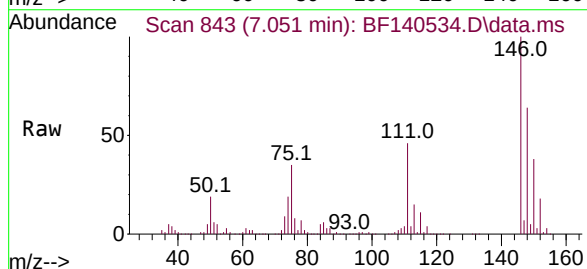
Tgt Ion:146 Resp: 482402

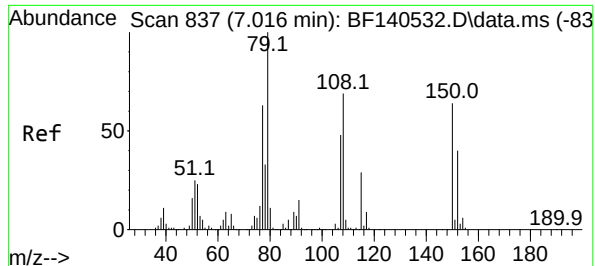
Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

111 46.3 36.7 55.1





#15

Benzyl Alcohol

Concen: 56.931 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

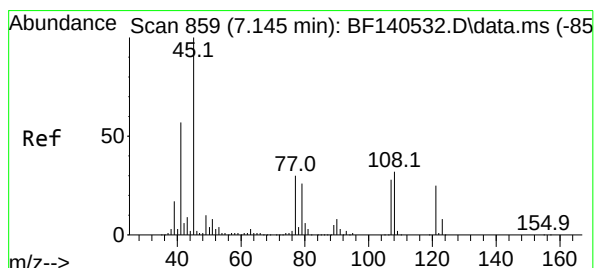
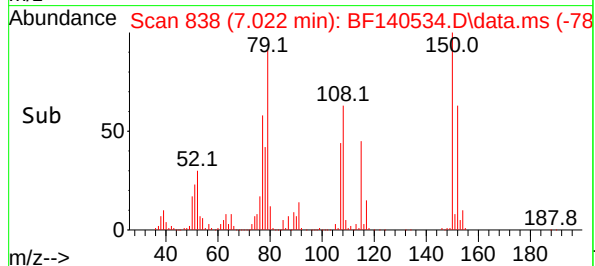
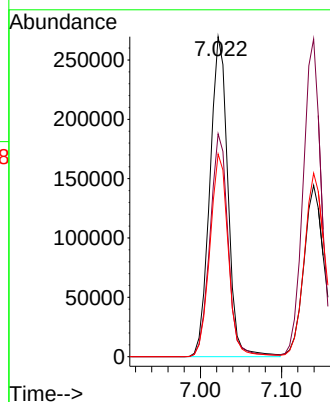
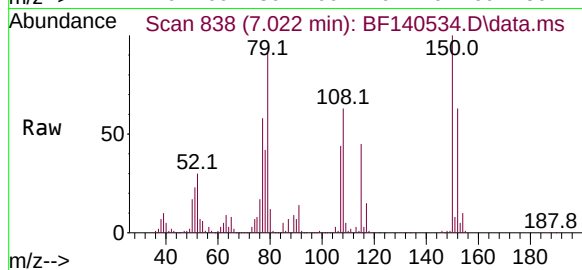
Tgt Ion: 79 Resp: 415427

Ion Ratio Lower Upper

79 100

108 69.7 55.0 82.6

77 63.3 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.758 ng

RT: 7.151 min Scan# 860

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

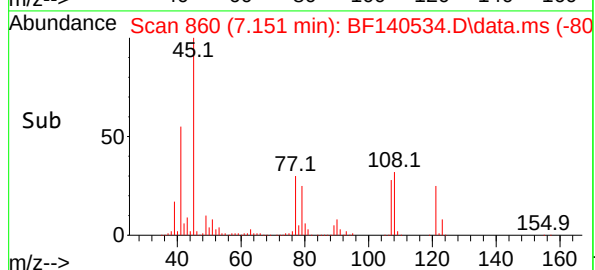
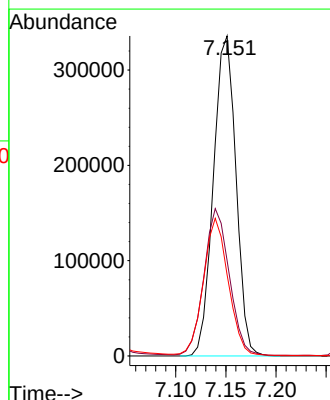
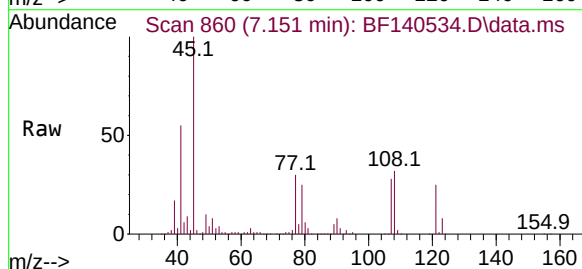
Tgt Ion: 45 Resp: 524697

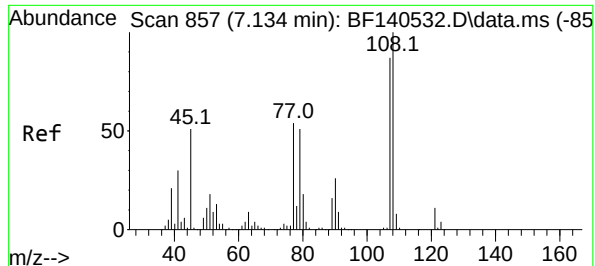
Ion Ratio Lower Upper

45 100

77 29.9 10.7 50.7

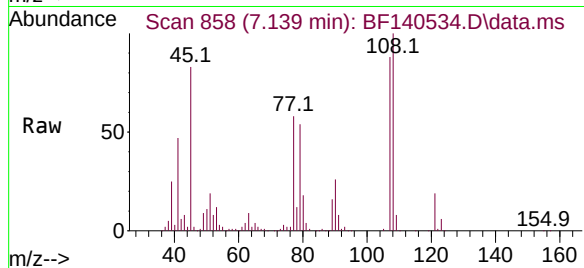
79 25.4 7.0 47.0



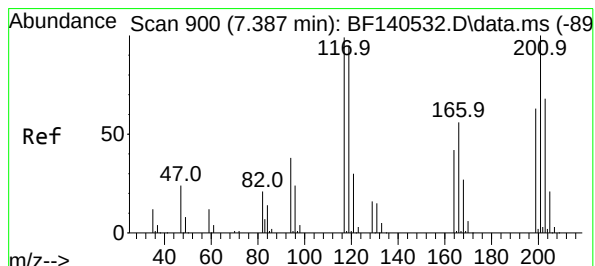
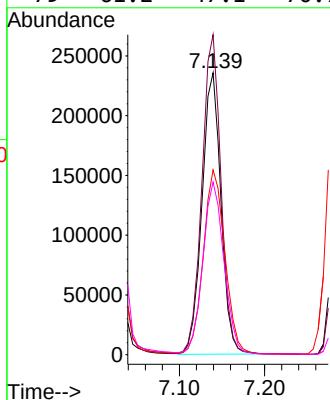
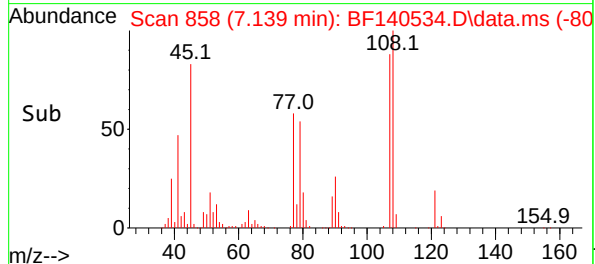


#17
2-Methylphenol
Concen: 57.006 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

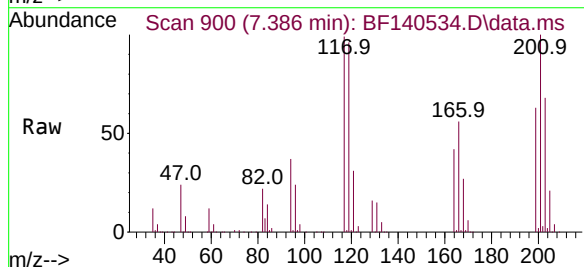
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



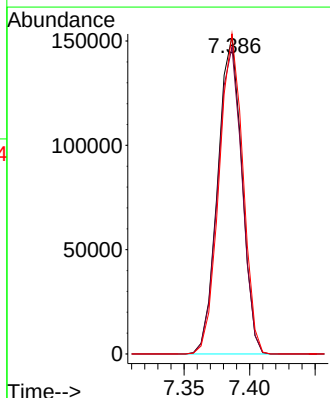
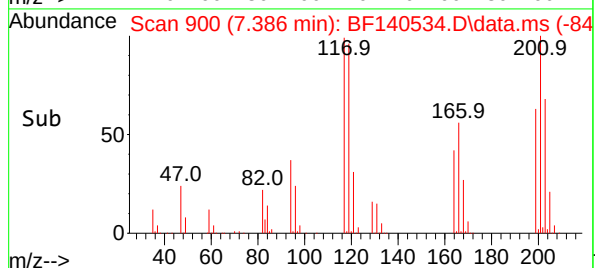
Tgt Ion:107 Resp: 365400
Ion Ratio Lower Upper
107 100
108 113.5 91.7 137.5
77 65.5 49.3 73.9
79 61.2 47.1 70.7

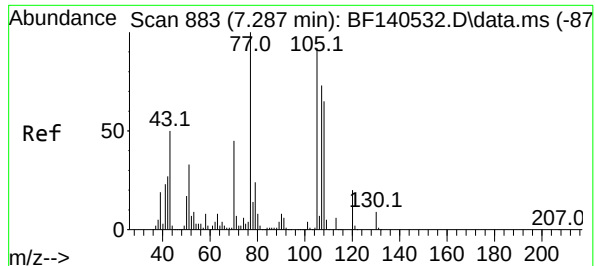


#18
Hexachloroethane
Concen: 57.114 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51



Tgt Ion:117 Resp: 194336
Ion Ratio Lower Upper
117 100
119 96.6 77.1 115.7
201 100.8 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 56.169 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.012 min

Lab File: BF140534.D

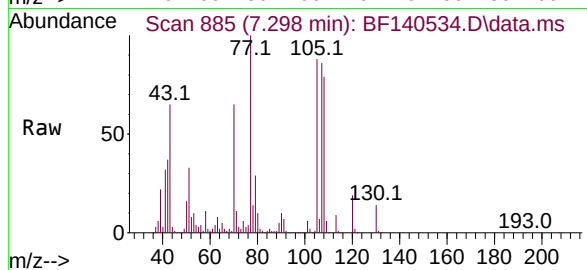
Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

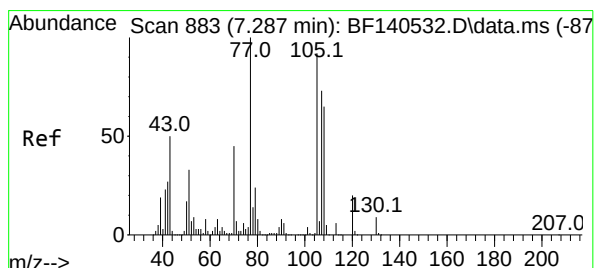
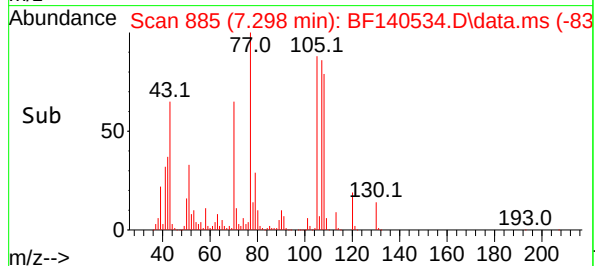
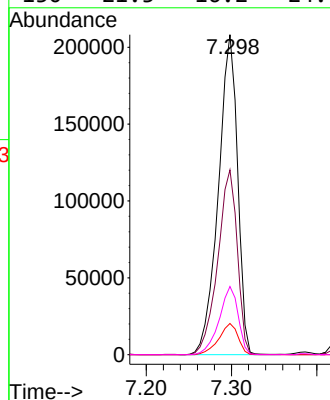
ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 326639

Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.6	71.4
101	9.8	7.6	11.4
130	21.3	16.2	24.4



#20

3+4-Methylphenols

Concen: 55.912 ng

RT: 7.292 min Scan# 884

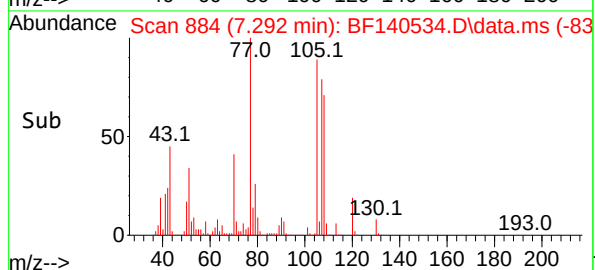
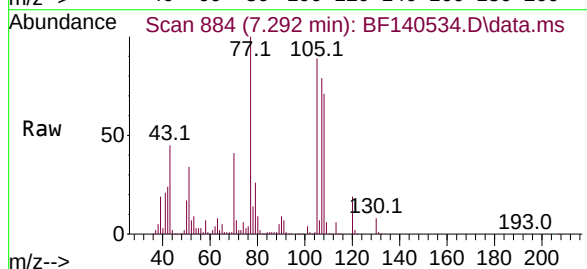
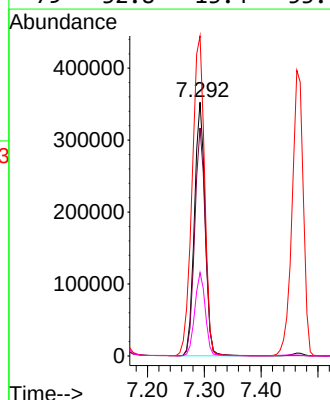
Delta R.T. 0.006 min

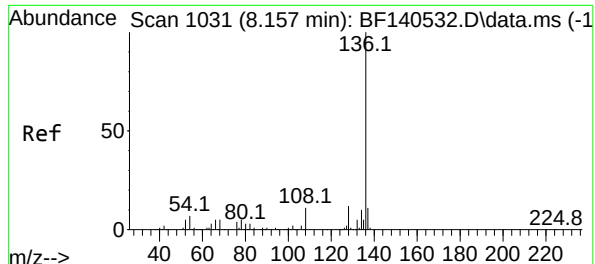
Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Tgt Ion: 107 Resp: 460654

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.9	109.9
77	126.1	117.7	157.7
79	32.8	13.4	53.4

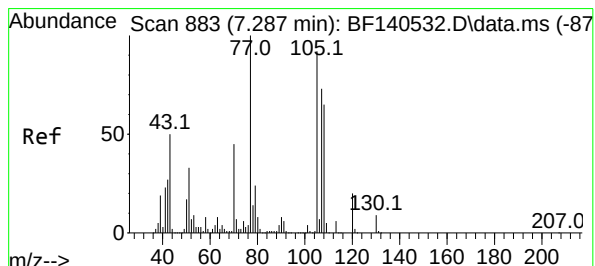
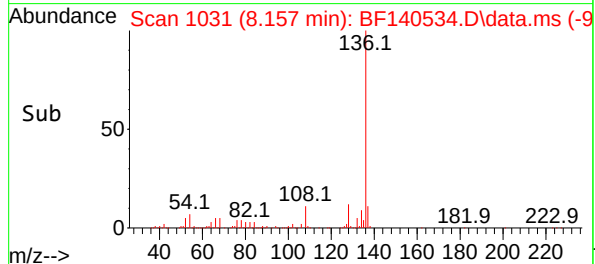
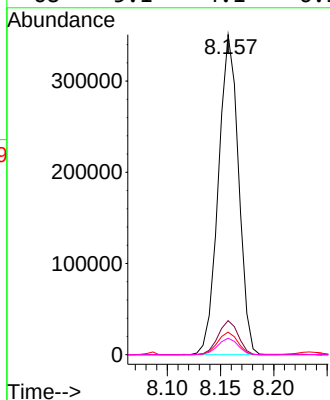
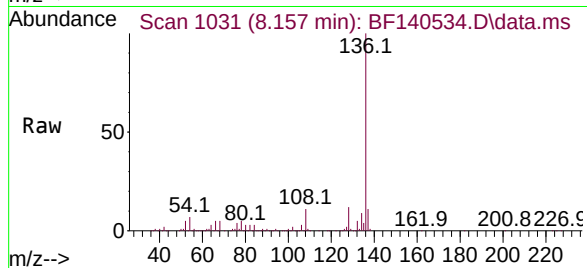




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

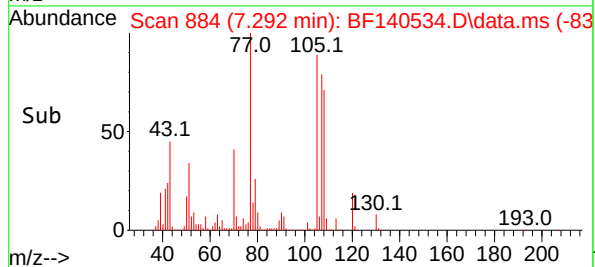
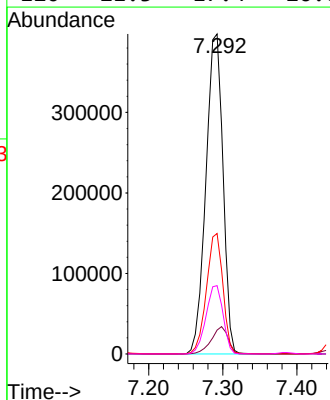
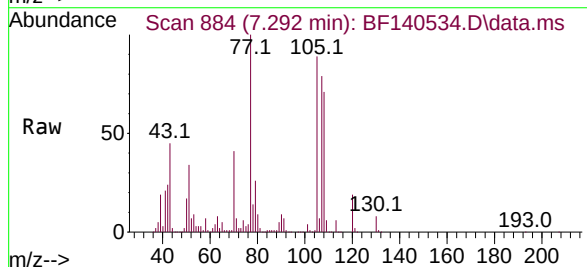
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

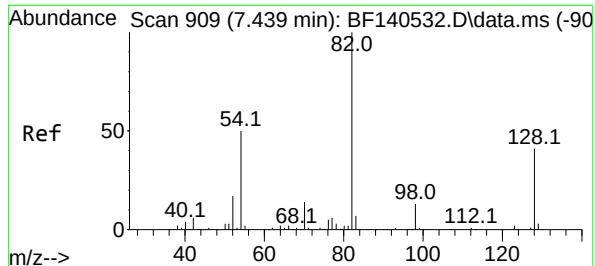
Tgt Ion:136 Resp: 460987
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.0 5.8 8.8
68 5.1 4.1 6.1



#22
Acetophenone
Concen: 56.641 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:105 Resp: 636564
Ion Ratio Lower Upper
105 100
71 7.4 6.2 9.2
51 37.6 29.0 43.6
120 21.3 17.4 26.0





#23

Nitrobenzene-d5

Concen: 115.789 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

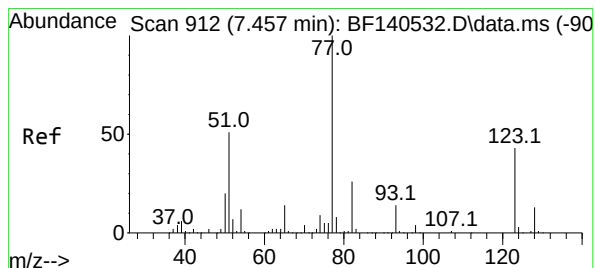
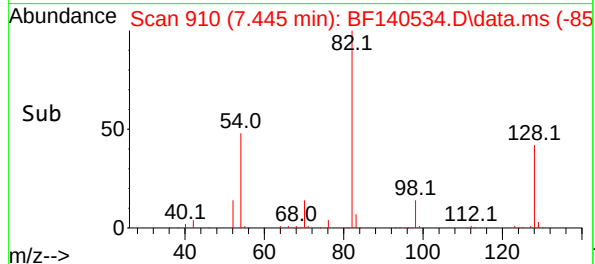
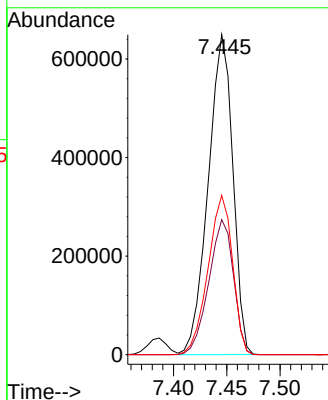
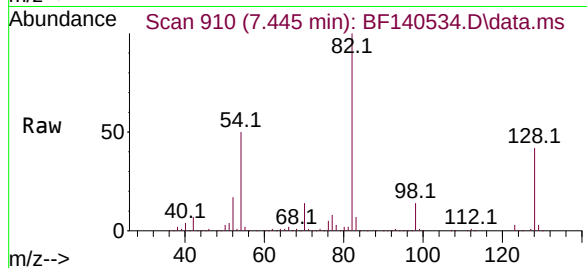
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1043537

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.0	49.4
54	49.7	39.5	59.3



#24

Nitrobenzene

Concen: 58.030 ng

RT: 7.463 min Scan# 913

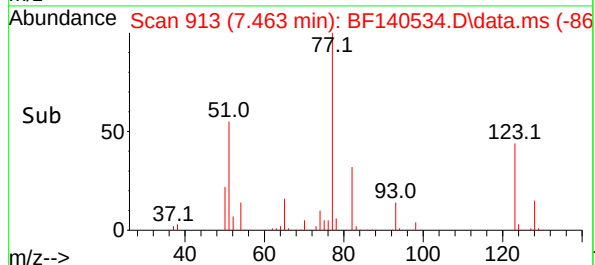
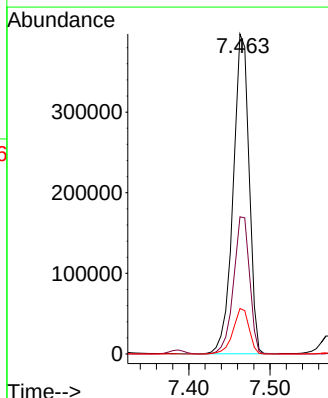
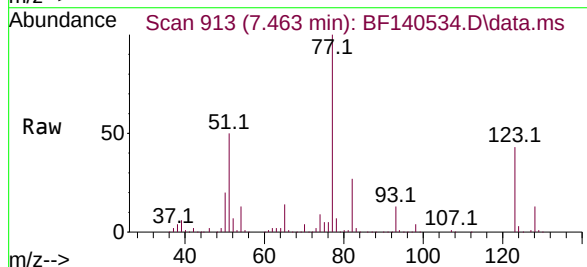
Delta R.T. 0.006 min

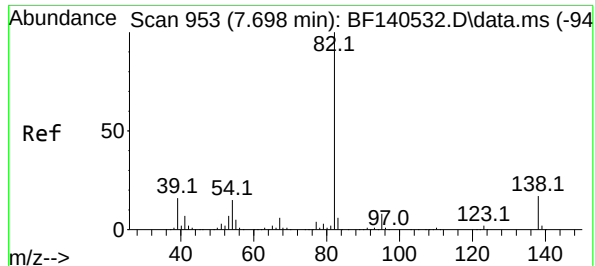
Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Tgt Ion: 77 Resp: 540526

Ion	Ratio	Lower	Upper
77	100		
123	42.9	34.3	51.5
65	14.2	11.2	16.8

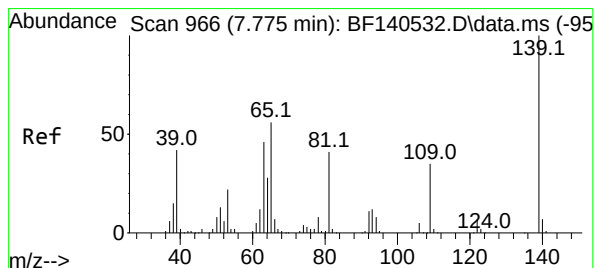
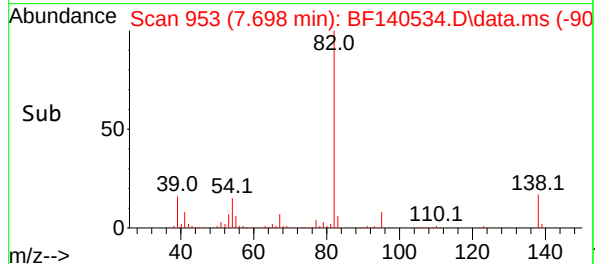
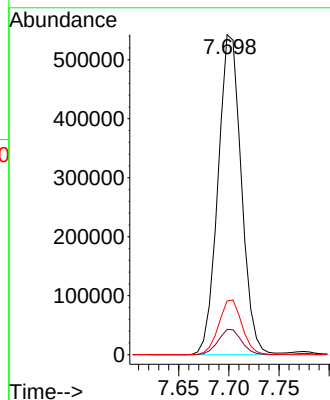
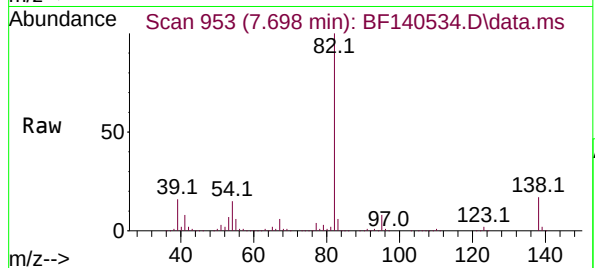




#25
Isophorone
Concen: 58.340 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

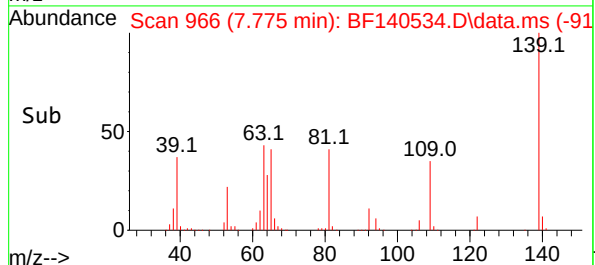
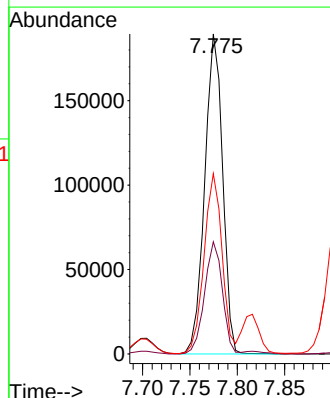
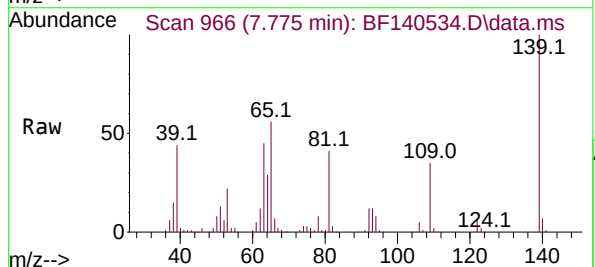
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

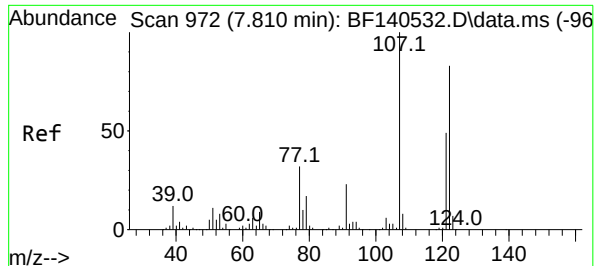
Tgt Ion: 82 Resp: 876972
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.8 13.8 20.6



#26
2-Nitrophenol
Concen: 60.355 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion: 139 Resp: 249133
Ion Ratio Lower Upper
139 100
109 35.0 28.0 42.0
65 56.4 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 57.873 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

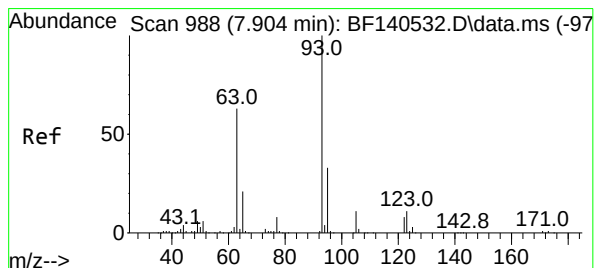
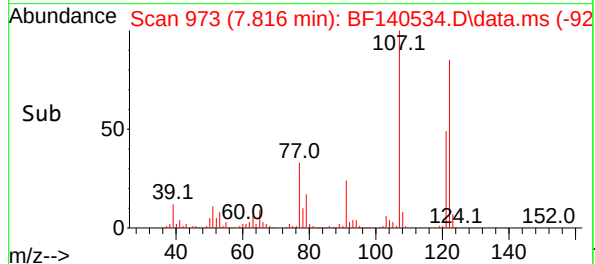
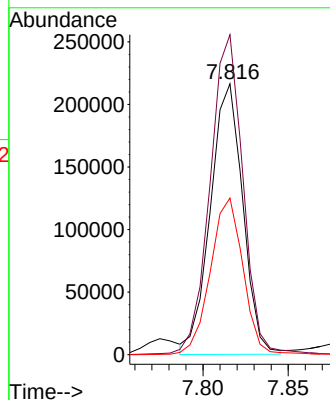
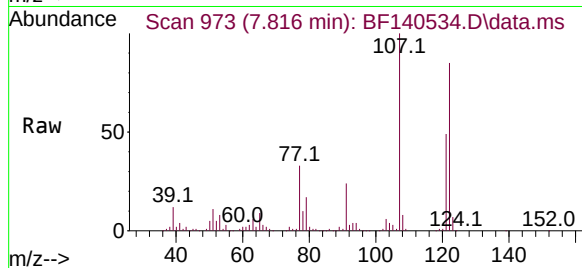
Tgt Ion:122 Resp: 285825

Ion Ratio Lower Upper

122 100

107 118.1 96.8 145.2

121 57.8 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 58.008 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

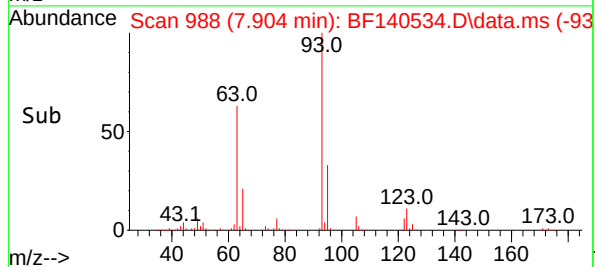
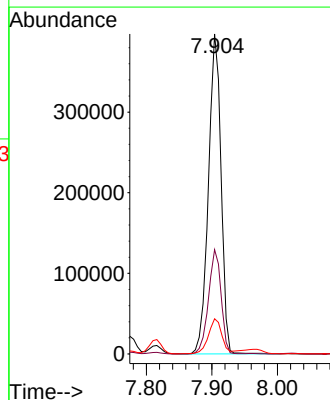
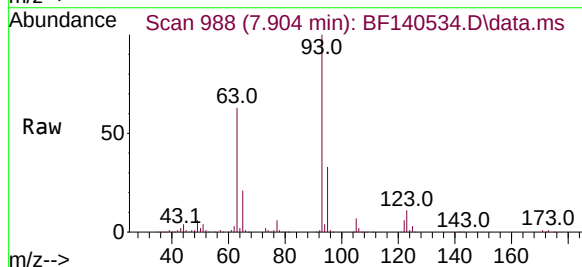
Tgt Ion: 93 Resp: 531210

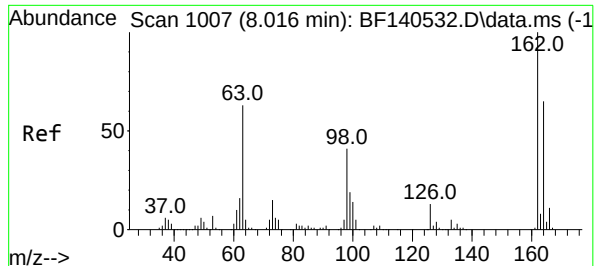
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 57.925 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

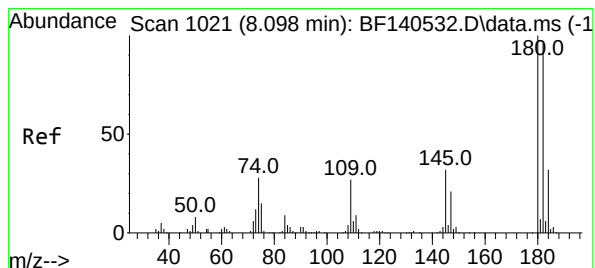
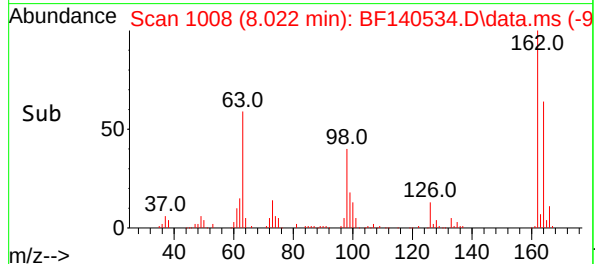
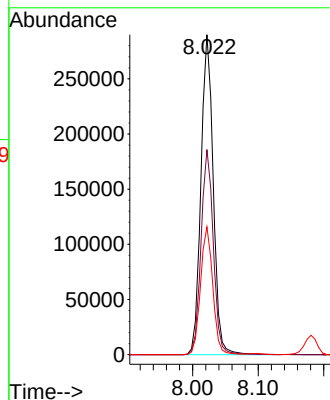
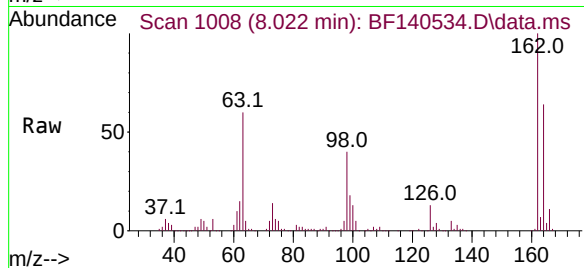
Tgt Ion:162 Resp: 379082

Ion Ratio Lower Upper

162 100

164 64.1 44.8 84.8

98 39.9 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 57.787 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

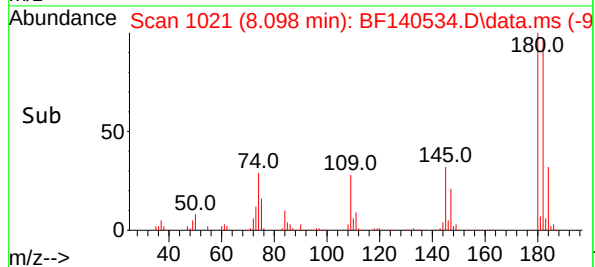
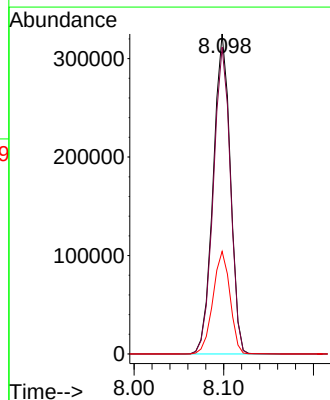
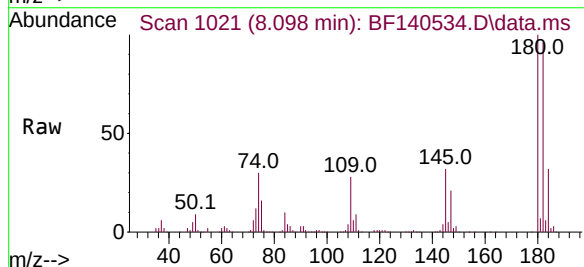
Tgt Ion:180 Resp: 431792

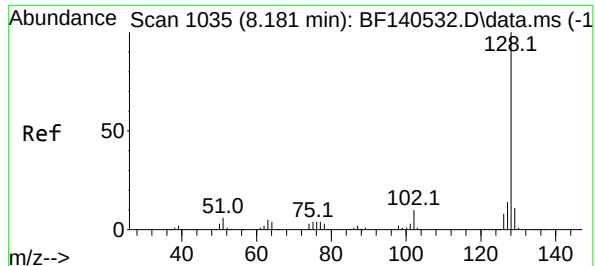
Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

145 32.1 25.9 38.9





#31

Naphthalene

Concen: 57.265 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

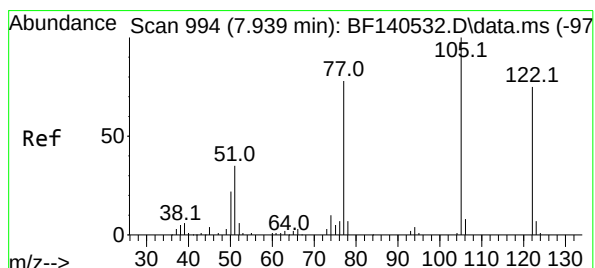
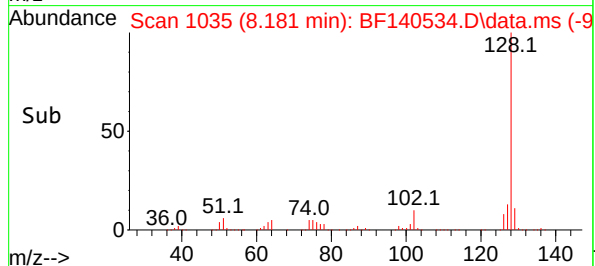
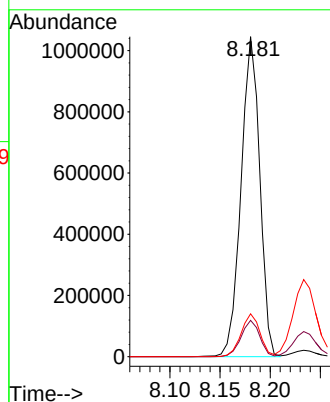
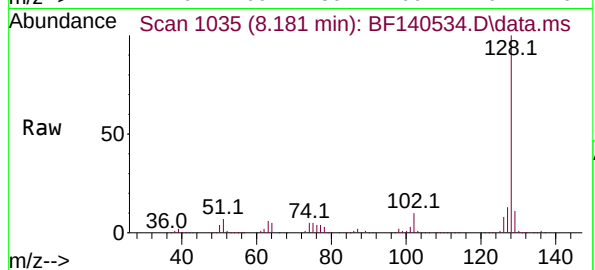
Tgt Ion:128 Resp: 1359743

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 59.698 ng

RT: 7.969 min Scan# 999

Delta R.T. 0.030 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

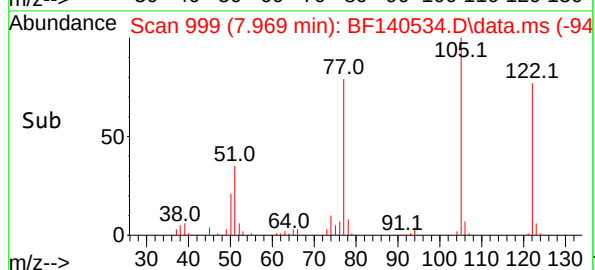
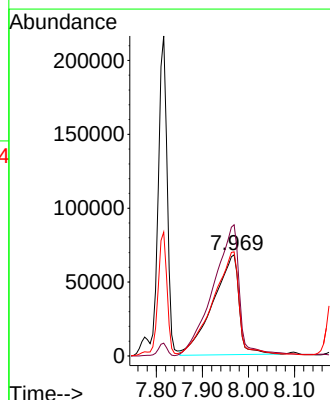
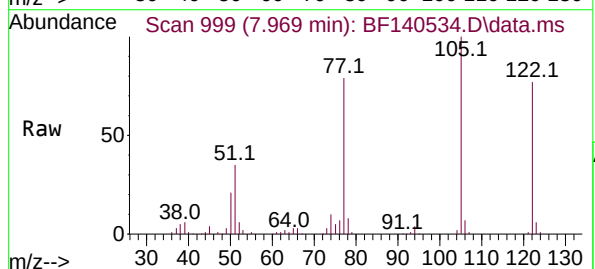
Tgt Ion:122 Resp: 265434

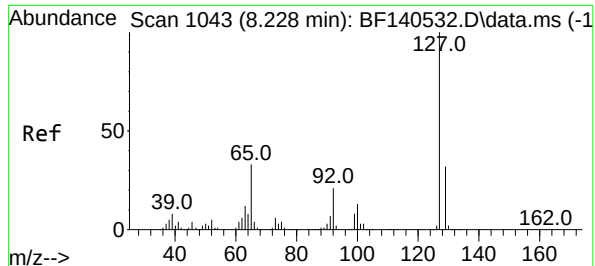
Ion Ratio Lower Upper

122 100

105 129.8 109.3 149.3

77 103.0 82.3 122.3

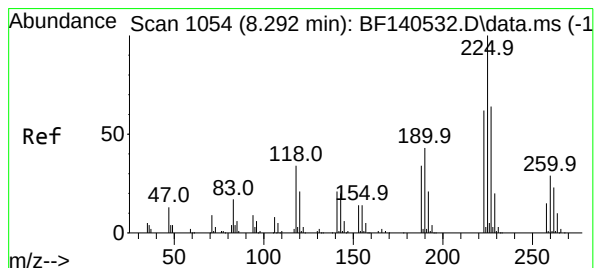
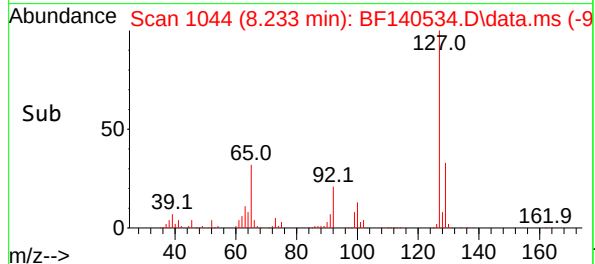
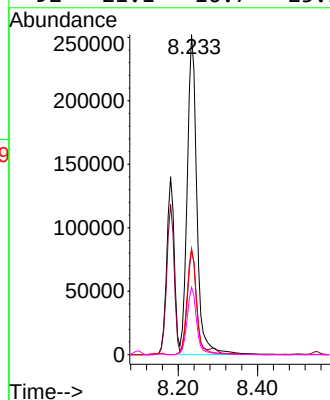
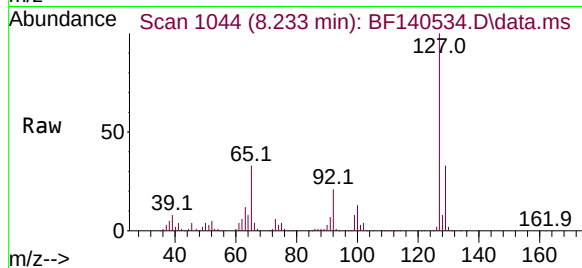




#33
4-Chloroaniline
Concen: 59.831 ng
RT: 8.233 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

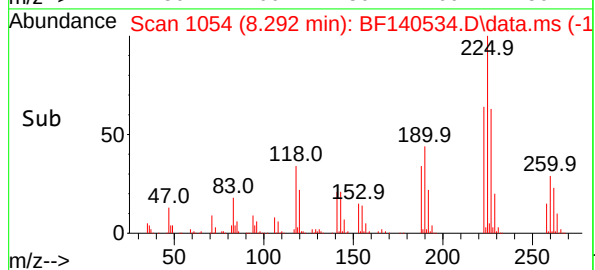
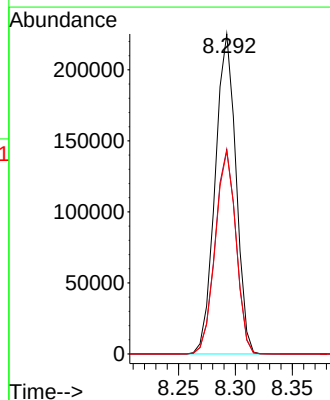
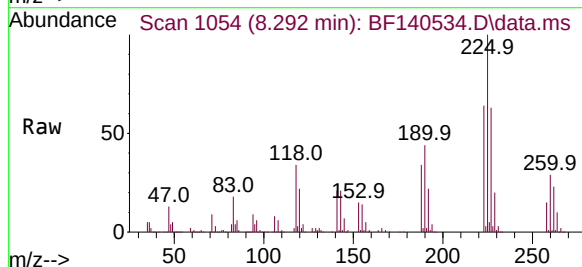
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

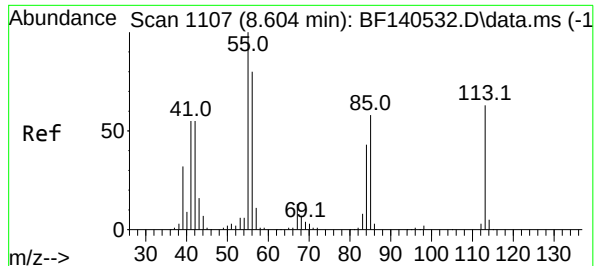
Tgt Ion:127 Resp: 425356
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 33.2 26.0 39.0
92 21.1 16.7 25.1



#34
Hexachlorobutadiene
Concen: 57.911 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:225 Resp: 286614
Ion Ratio Lower Upper
225 100
223 63.9 49.8 74.8
227 63.4 51.3 76.9

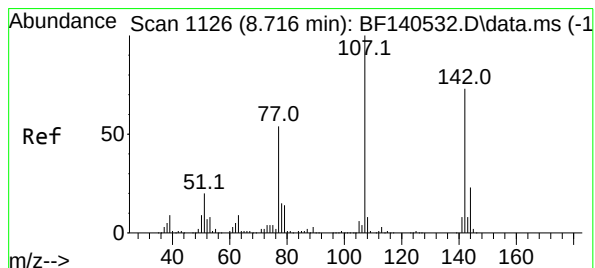
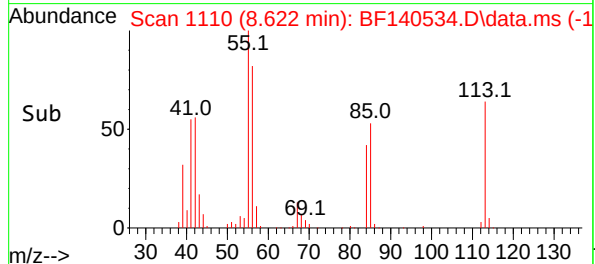
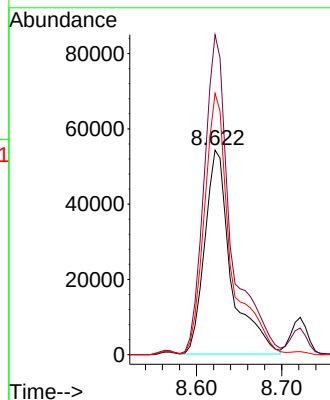
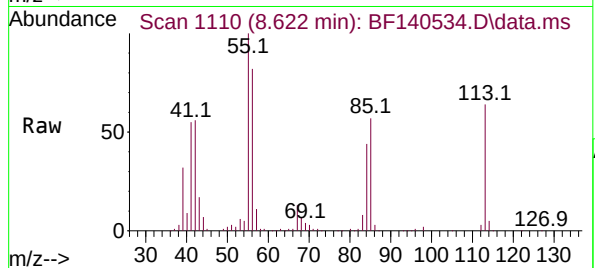




#35
Caprolactam
Concen: 57.943 ng
RT: 8.622 min Scan# 1110
Delta R.T. 0.018 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

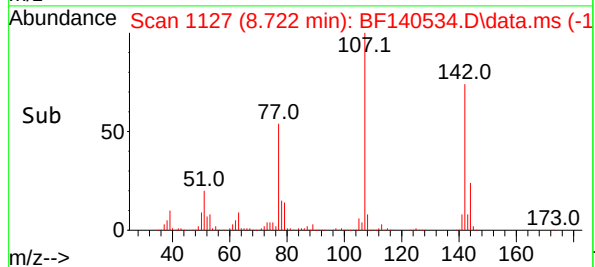
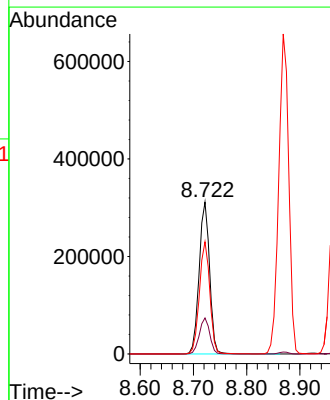
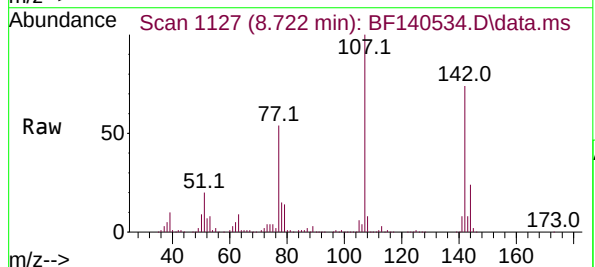
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

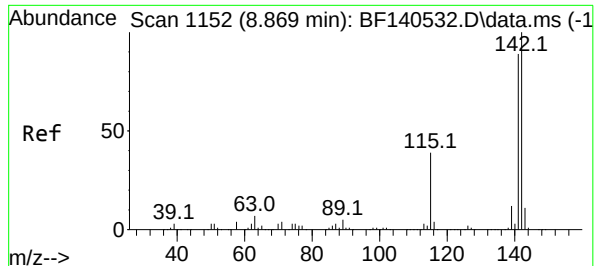
Tgt Ion:113 Resp: 117351
Ion Ratio Lower Upper
113 100
55 156.4 137.7 177.7
56 127.7 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 57.938 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:107 Resp: 424528
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 73.8 58.3 87.5





#37

2-Methylnaphthalene

Concen: 56.857 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

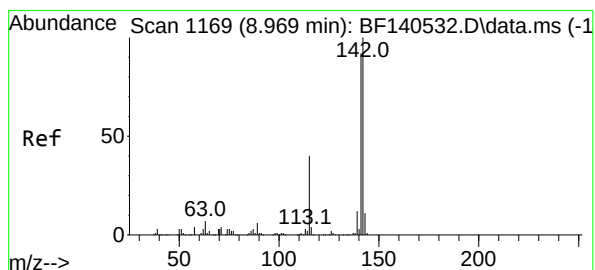
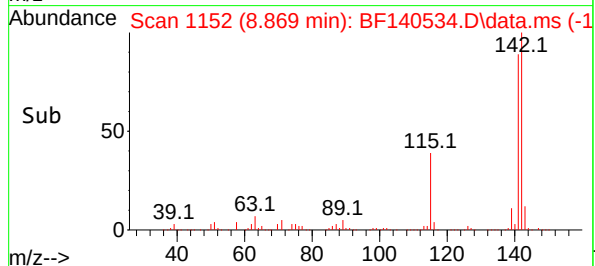
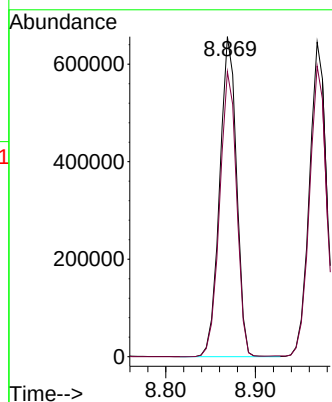
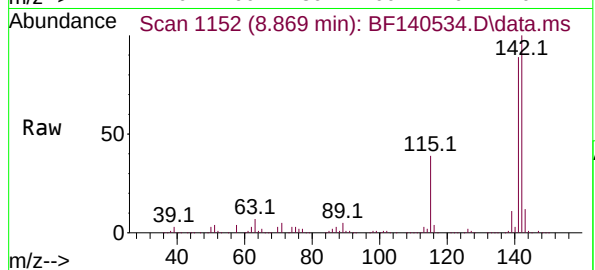
SSTDICC060

Tgt Ion:142 Resp: 857509

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.6



#38

1-Methylnaphthalene

Concen: 56.925 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140534.D

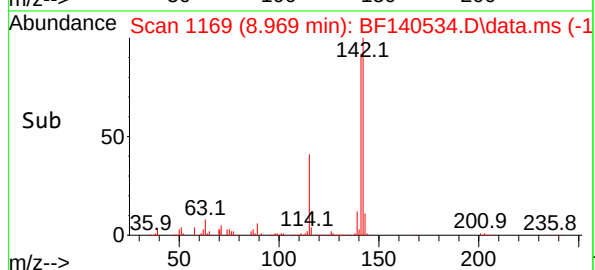
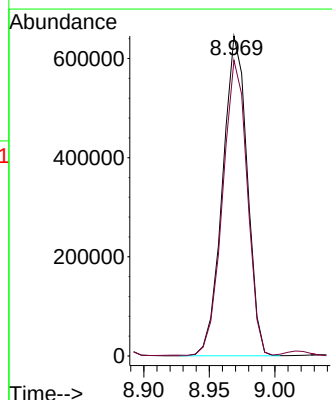
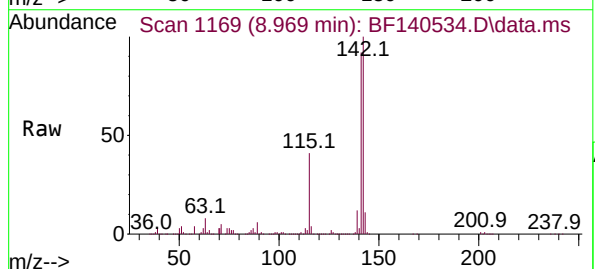
Acq: 21 Nov 2024 13:51

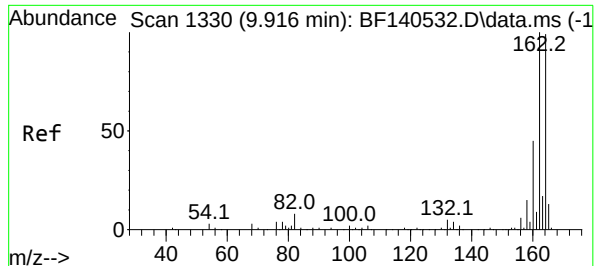
Tgt Ion:142 Resp: 841528

Ion Ratio Lower Upper

142 100

141 92.4 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

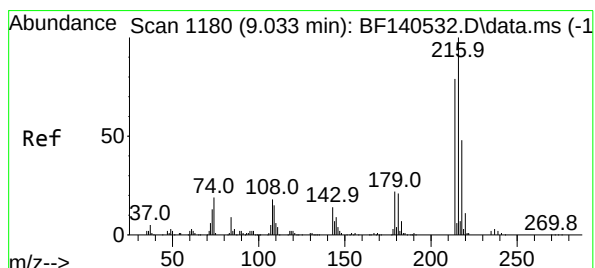
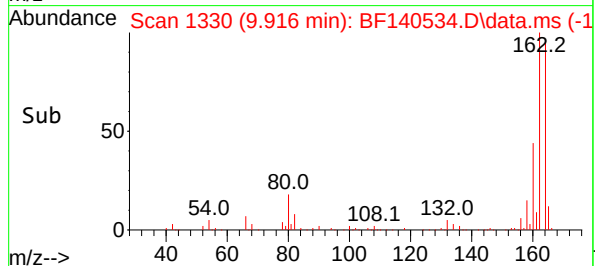
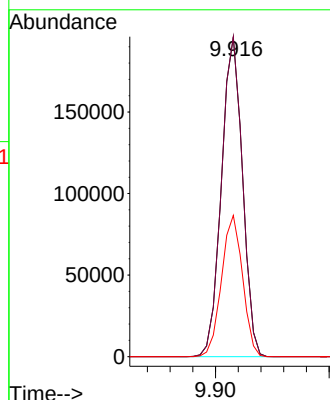
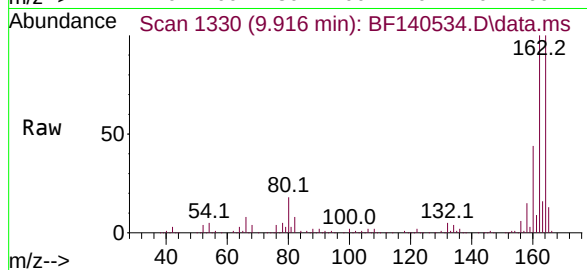
Tgt Ion:164 Resp: 252108

Ion Ratio Lower Upper

164 100

162 100.2 80.6 120.8

160 44.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.878 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Tgt Ion:216 Resp: 427164

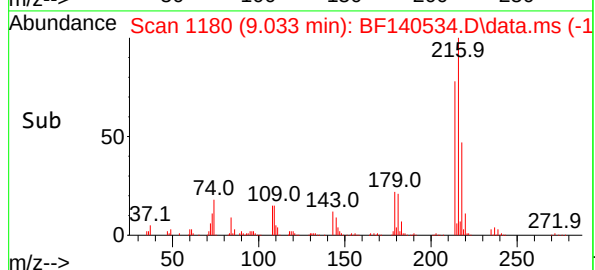
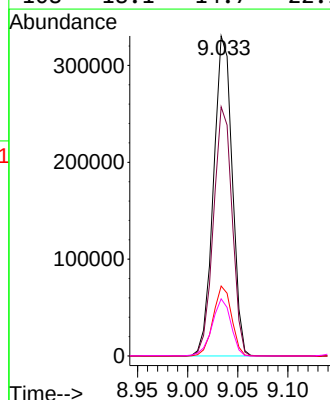
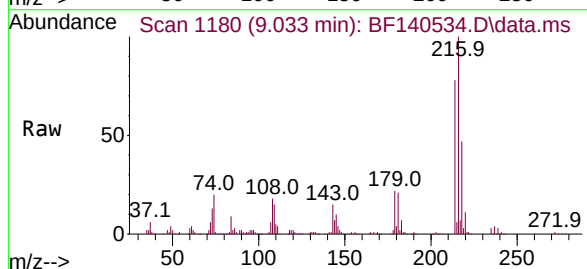
Ion Ratio Lower Upper

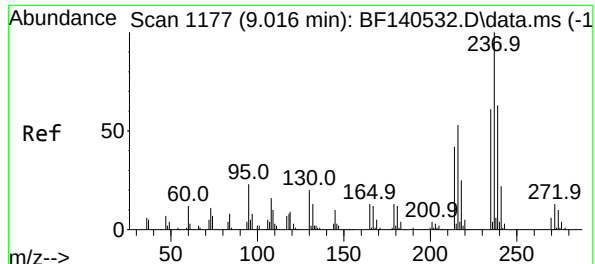
216 100

214 77.6 63.0 94.4

179 21.5 17.5 26.3

108 18.1 14.7 22.1

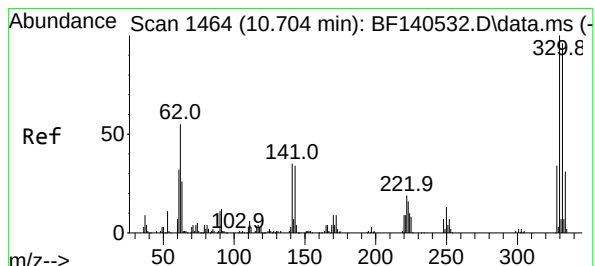
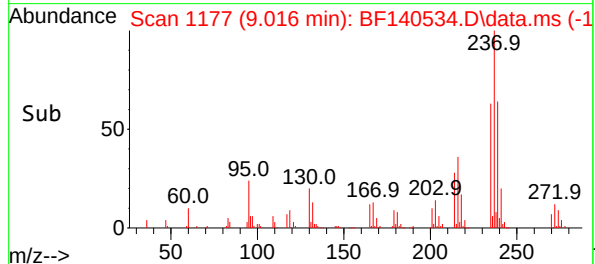
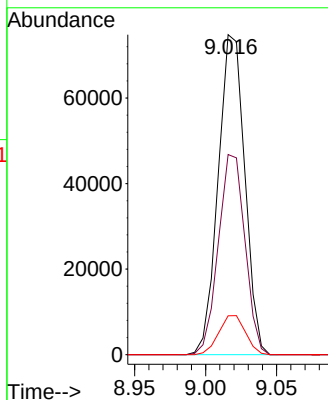
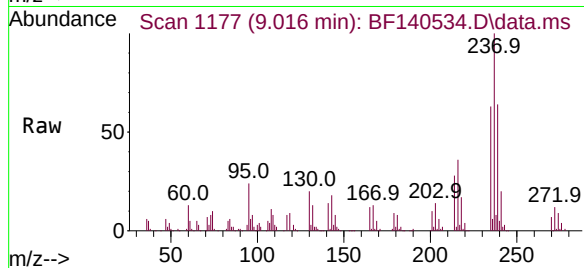




#41
Hexachlorocyclopentadiene
Concen: 60.727 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

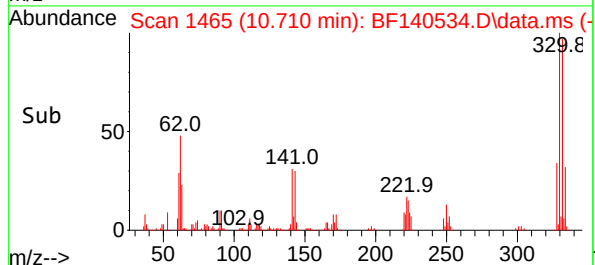
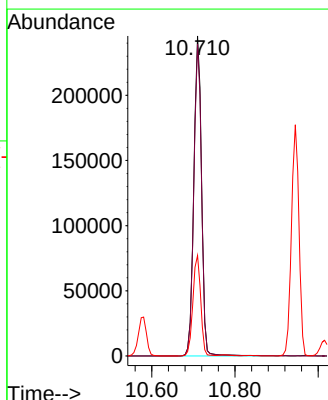
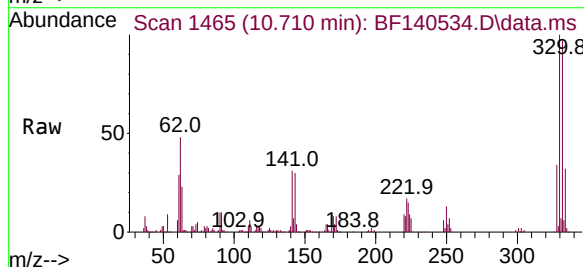
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

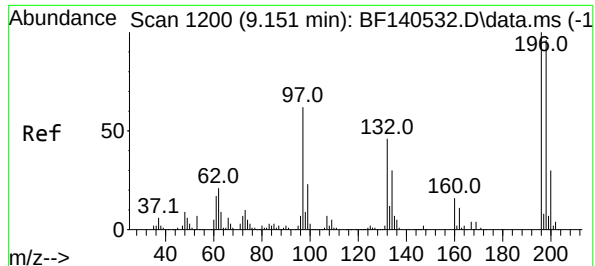
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.1	81.1
272	12.1	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 117.756 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	31.7	26.7	40.1





#43

2,4,6-Trichlorophenol

Concen: 58.819 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

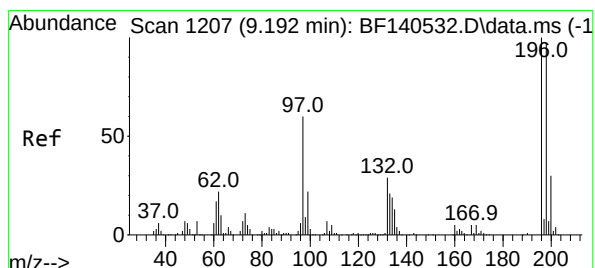
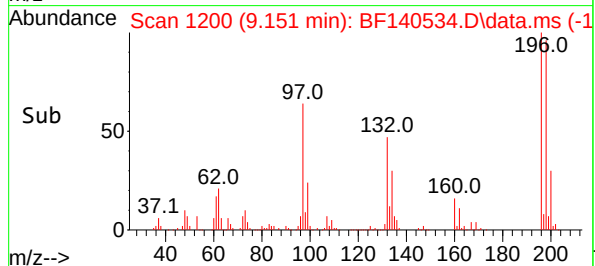
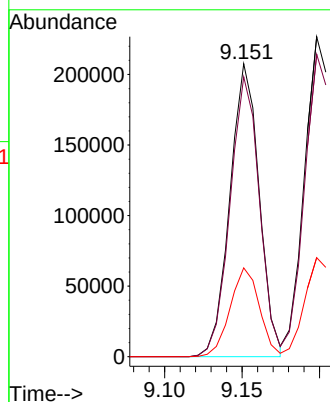
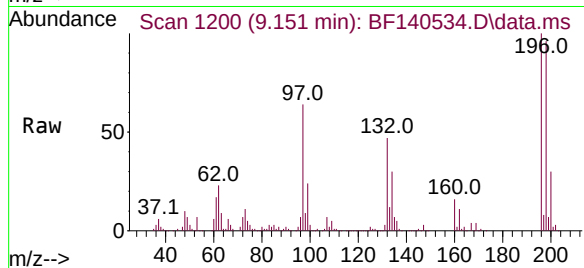
Tgt Ion:196 Resp: 272399

Ion Ratio Lower Upper

196 100

198 95.6 76.8 115.2

200 30.3 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 59.694 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Tgt Ion:196 Resp: 300029

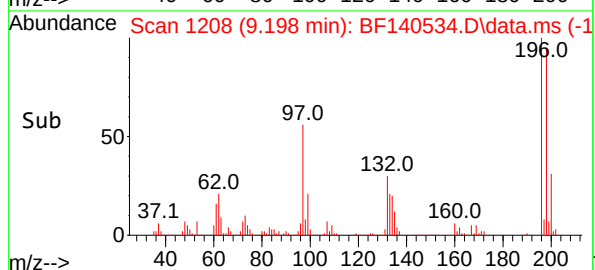
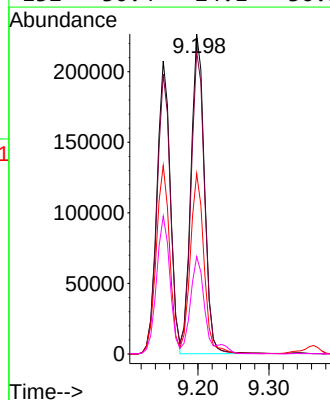
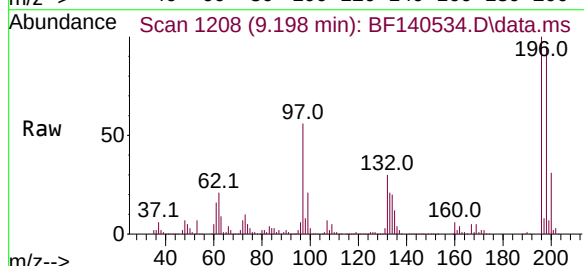
Ion Ratio Lower Upper

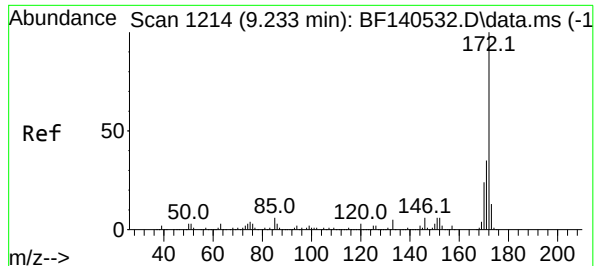
196 100

198 94.5 77.2 115.8

97 56.4 47.1 70.7

132 30.4 24.1 36.1

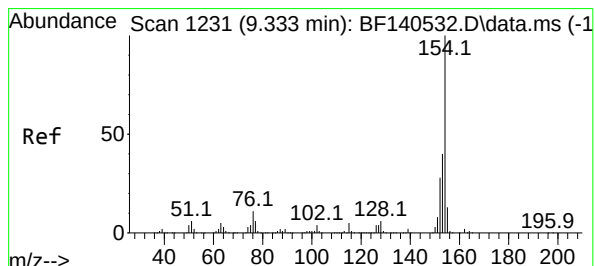
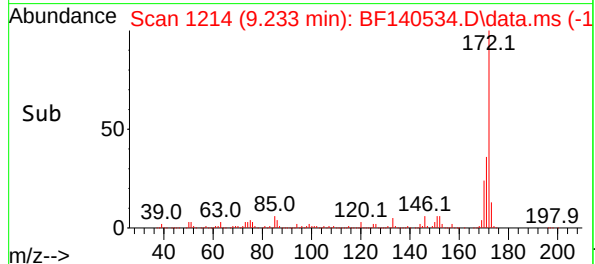
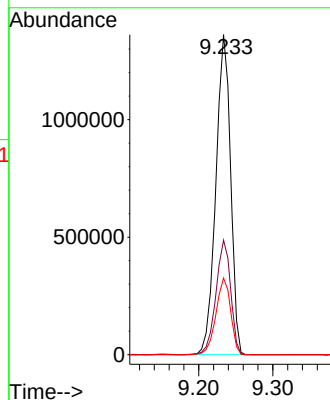
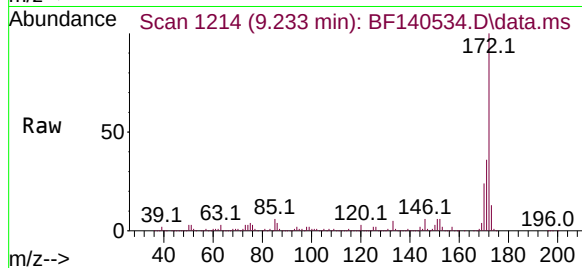




#45
2-Fluorobiphenyl
Concen: 110.815 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

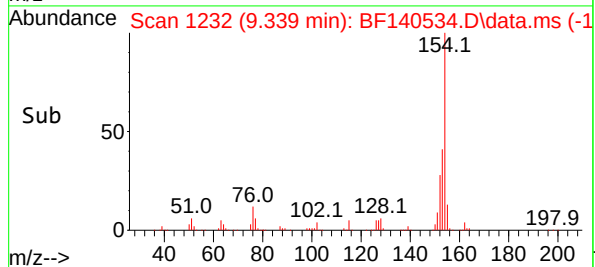
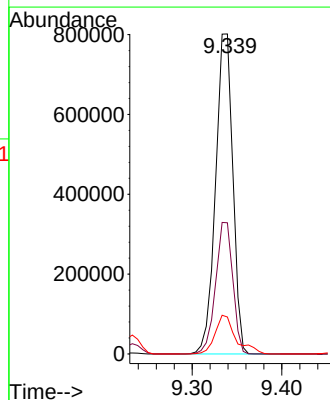
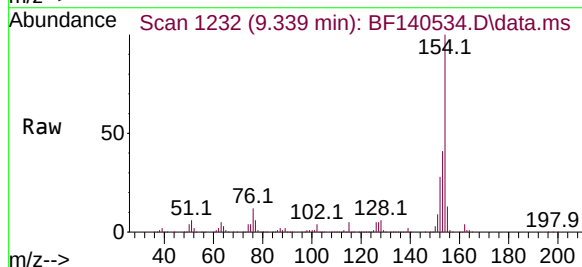
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

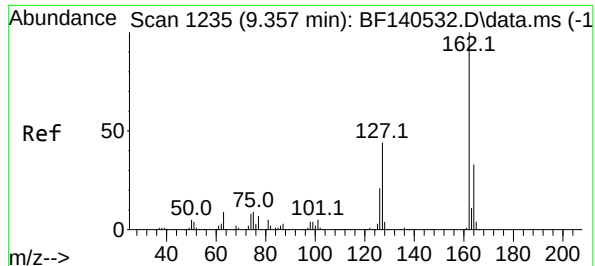
Tgt Ion:172 Resp: 1875064
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 56.978 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:154 Resp: 1072474
Ion Ratio Lower Upper
154 100
153 41.0 20.4 60.4
76 11.5 0.0 31.2





#47

2-Chloronaphthalene

Concen: 57.492 ng

RT: 9.363 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

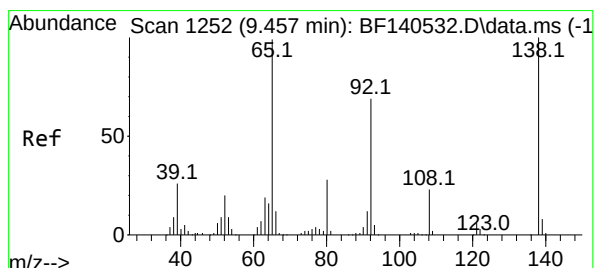
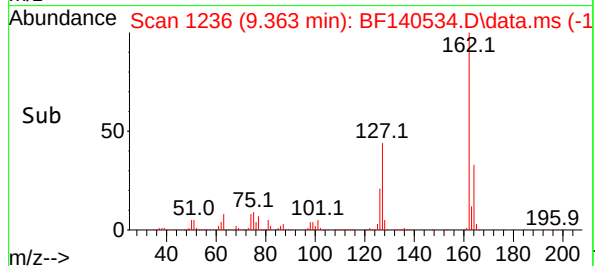
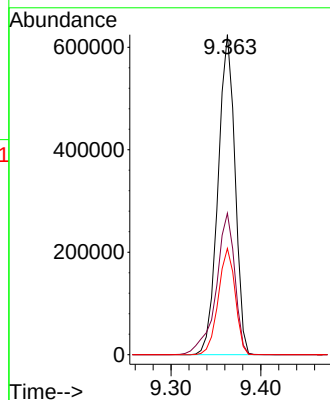
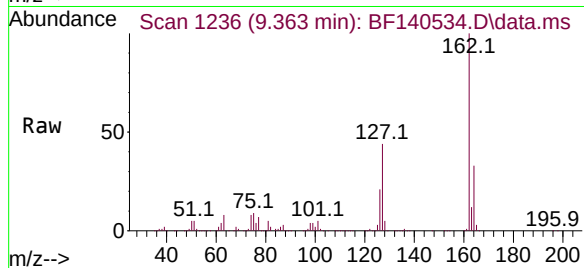
Tgt Ion:162 Resp: 819966

Ion Ratio Lower Upper

162 100

127 44.2 35.7 53.5

164 33.2 26.1 39.1



#48

2-Nitroaniline

Concen: 58.938 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

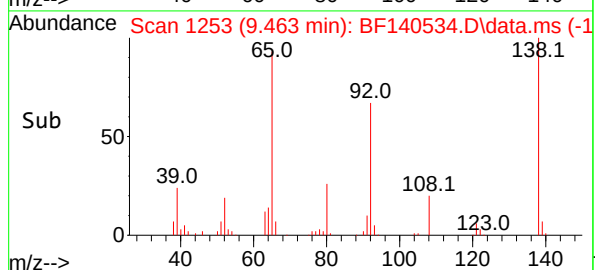
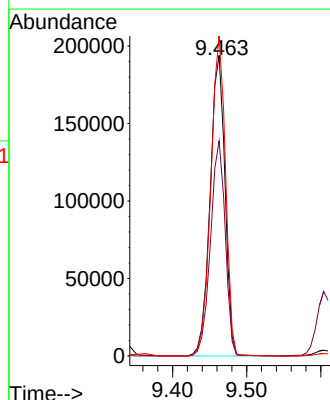
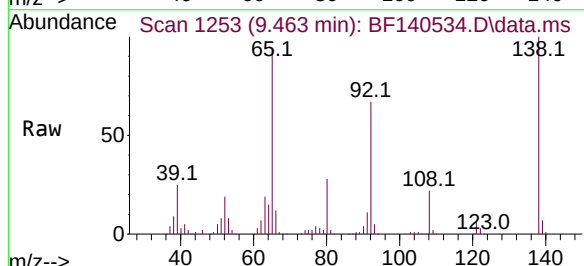
Tgt Ion: 65 Resp: 269813

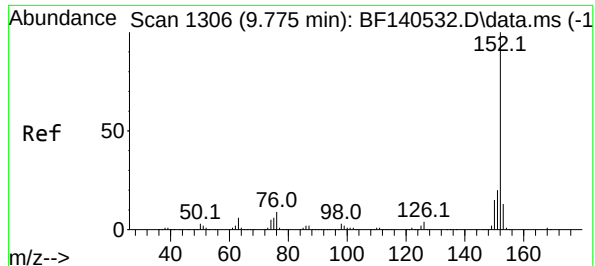
Ion Ratio Lower Upper

65 100

92 71.5 56.1 84.1

138 106.4 81.0 121.6





#49

Acenaphthylene

Concen: 56.965 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

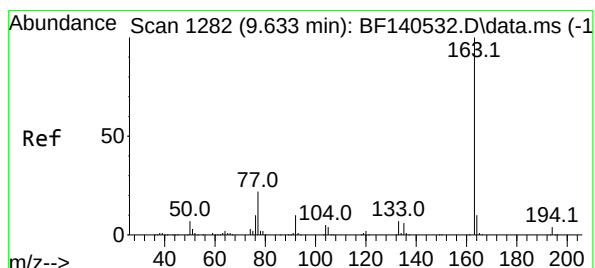
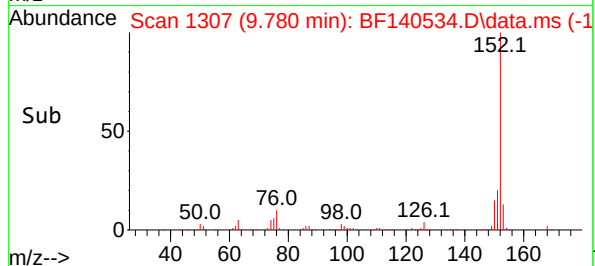
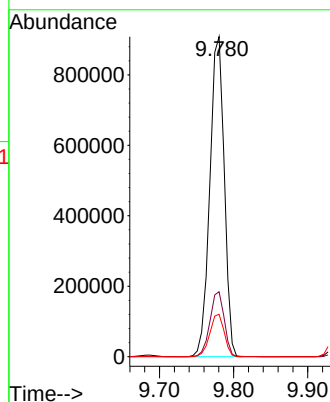
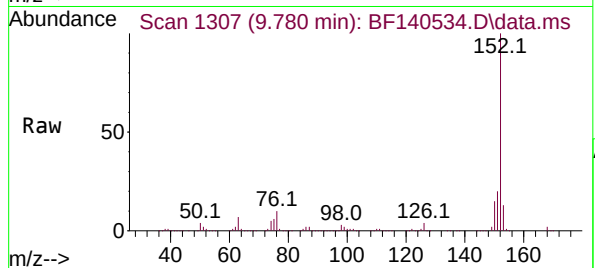
Tgt Ion:152 Resp: 1227568

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 57.854 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

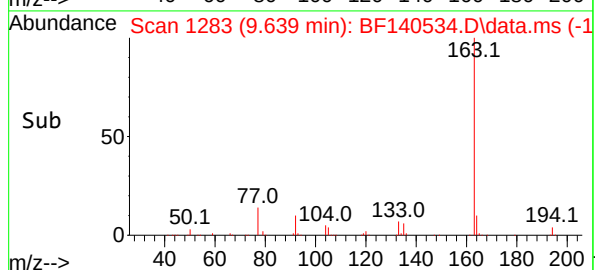
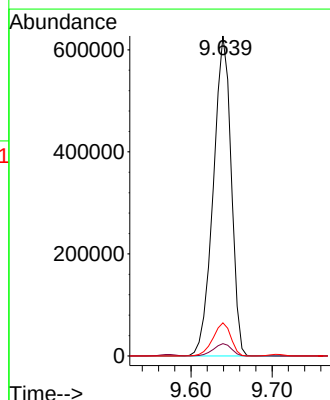
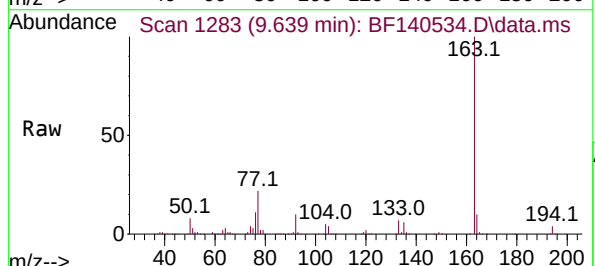
Tgt Ion:163 Resp: 960589

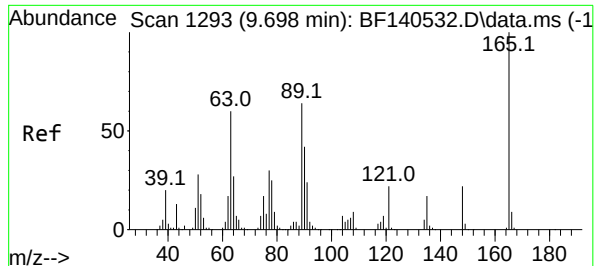
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 58.802 ng

RT: 9.704 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

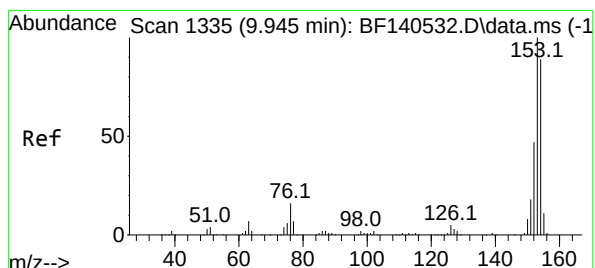
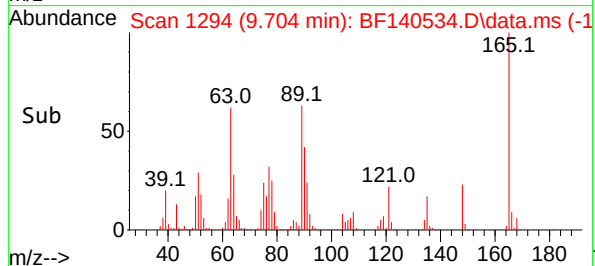
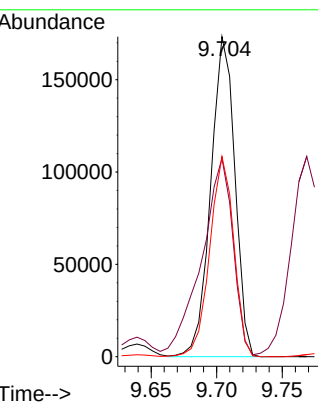
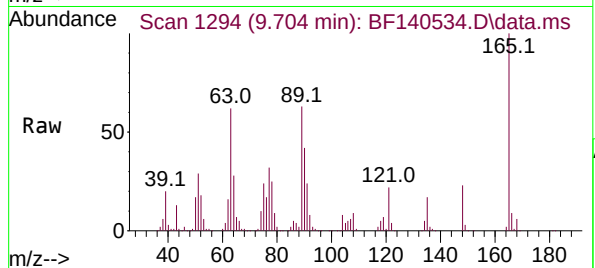
Tgt Ion:165 Resp: 221428

Ion Ratio Lower Upper

165 100

63 62.0 49.9 74.9

89 62.5 50.9 76.3



#52

Acenaphthene

Concen: 56.194 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

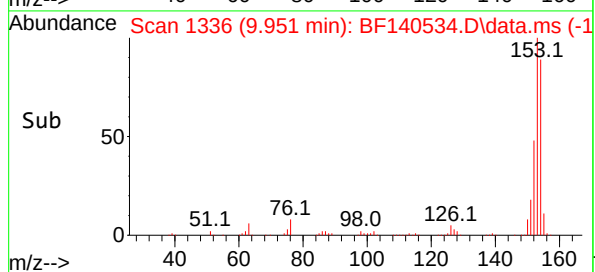
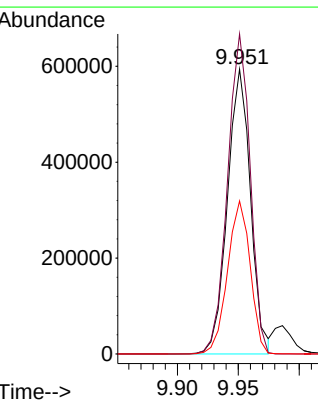
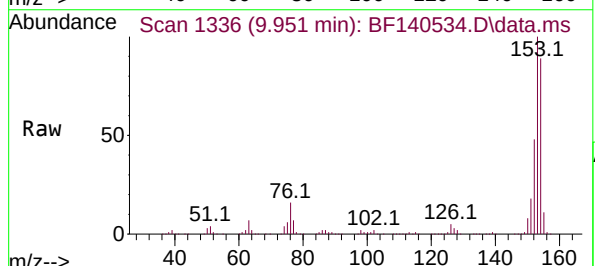
Tgt Ion:154 Resp: 784102

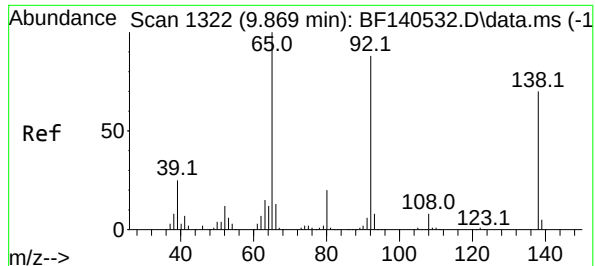
Ion Ratio Lower Upper

154 100

153 112.4 89.7 134.5

152 53.7 42.5 63.7





#53

3-Nitroaniline

Concen: 57.607 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

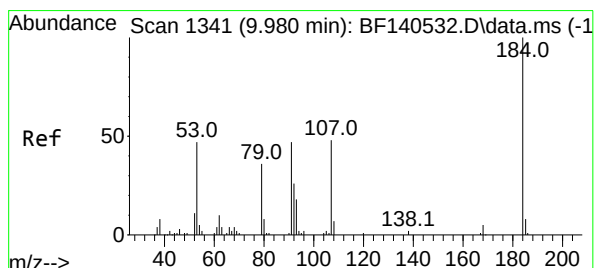
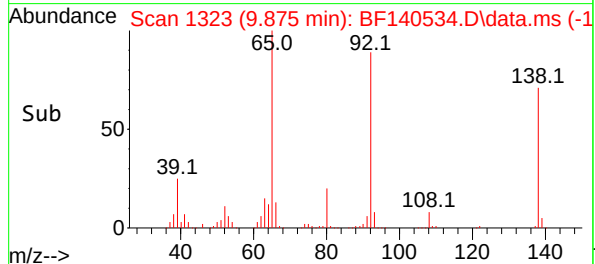
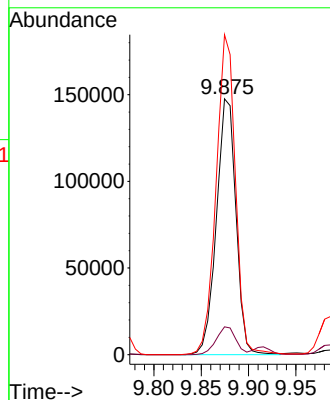
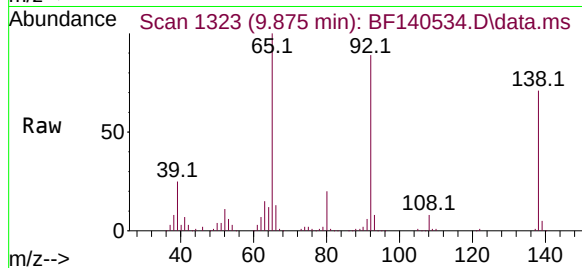
Tgt Ion:138 Resp: 212165

Ion Ratio Lower Upper

138 100

108 10.9 9.2 13.8

92 125.1 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 60.328 ng

RT: 9.986 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

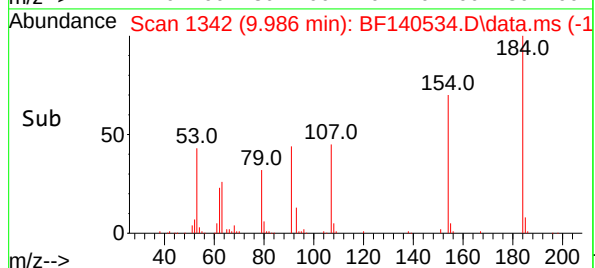
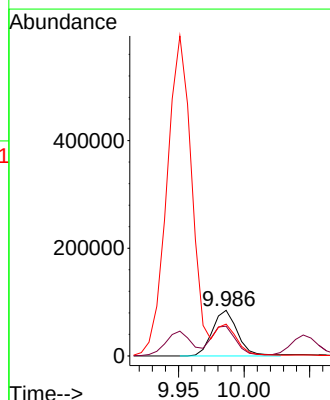
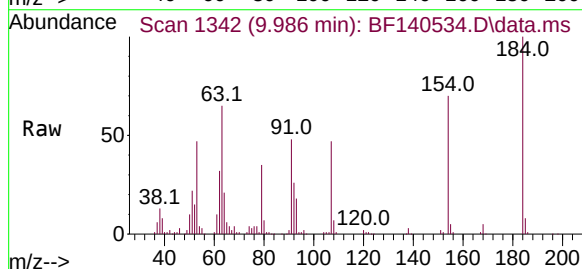
Tgt Ion:184 Resp: 113495

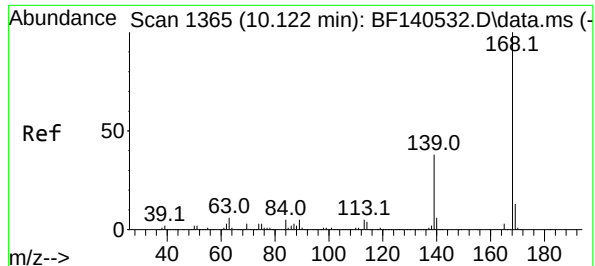
Ion Ratio Lower Upper

184 100

63 65.3 54.1 81.1

154 69.8 57.4 86.0





#55

Dibenzenofuran

Concen: 55.459 ng

RT: 10.122 min Scan# 1365

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

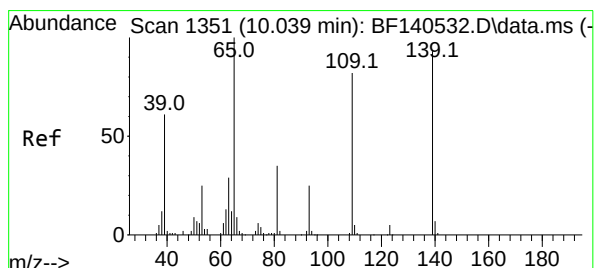
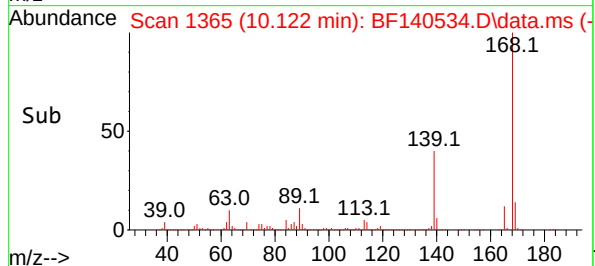
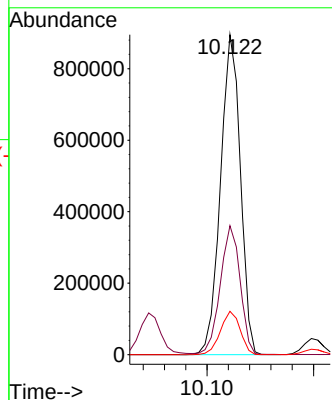
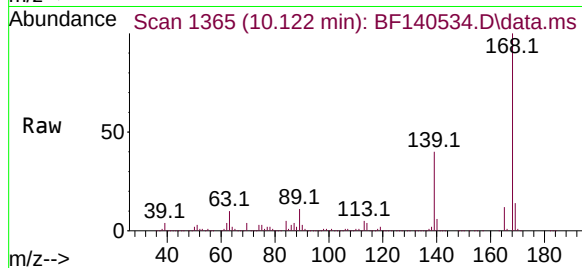
Tgt Ion:168 Resp: 1158263

Ion Ratio Lower Upper

168 100

139 40.3 31.3 46.9

169 13.5 10.5 15.7



#56

4-Nitrophenol

Concen: 64.410 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

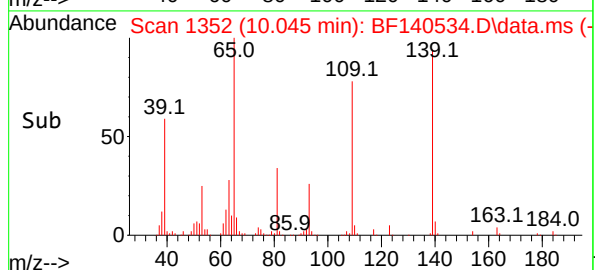
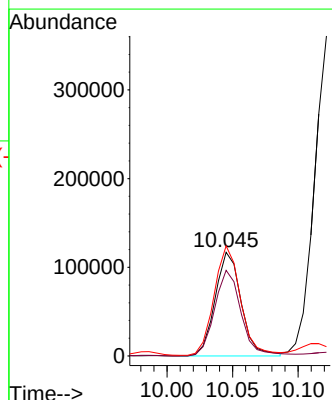
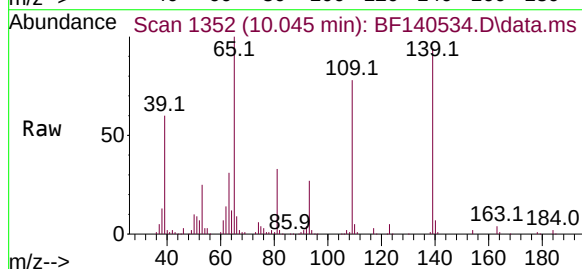
Tgt Ion:139 Resp: 161782

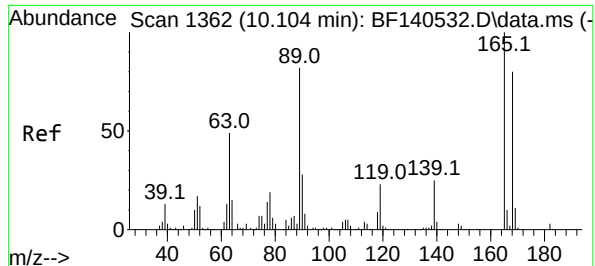
Ion Ratio Lower Upper

139 100

109 82.6 68.4 108.4

65 106.2 88.6 128.6

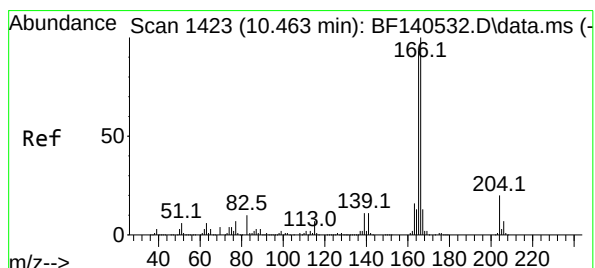
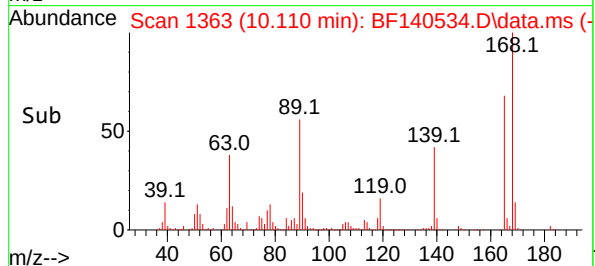
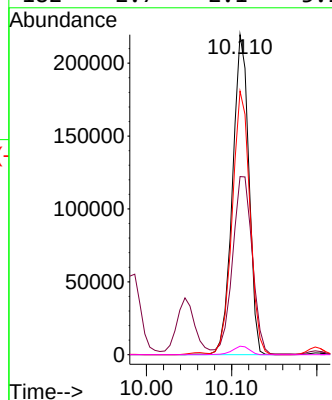
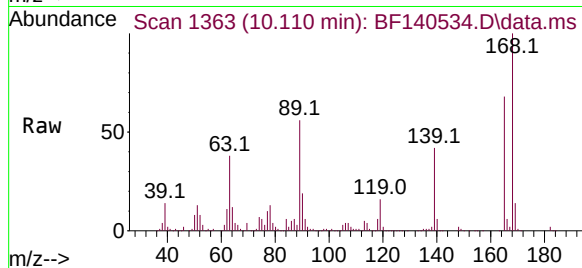




#57
2,4-Dinitrotoluene
Concen: 58.735 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

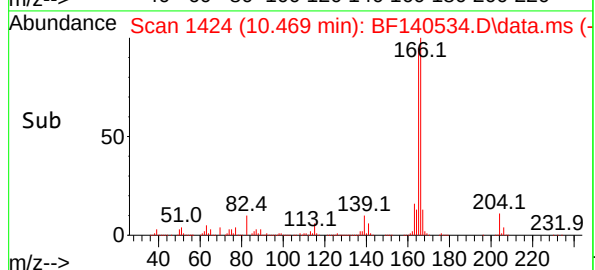
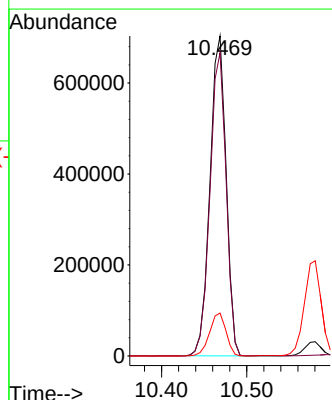
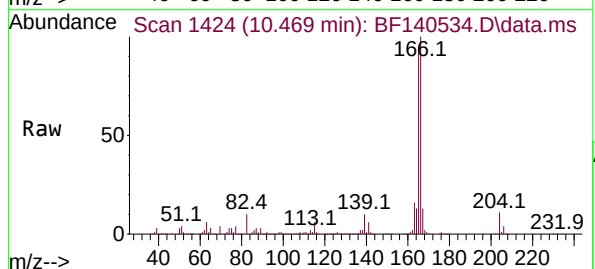
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

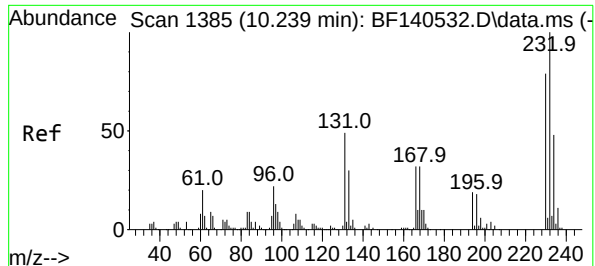
Tgt Ion:165 Resp: 293950
Ion Ratio Lower Upper
165 100
63 55.7 41.7 62.5
89 82.4 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 55.218 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:166 Resp: 925678
Ion Ratio Lower Upper
166 100
165 94.7 74.6 111.8
167 13.4 10.6 16.0

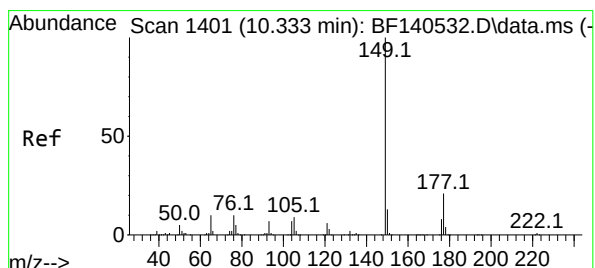
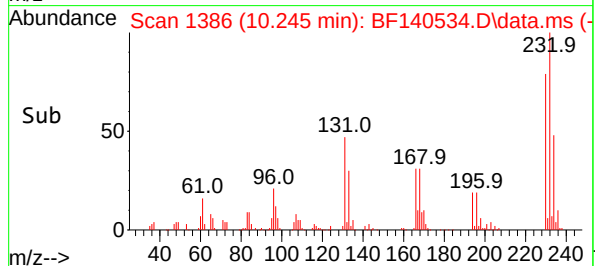
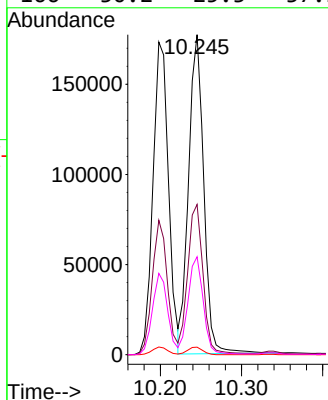
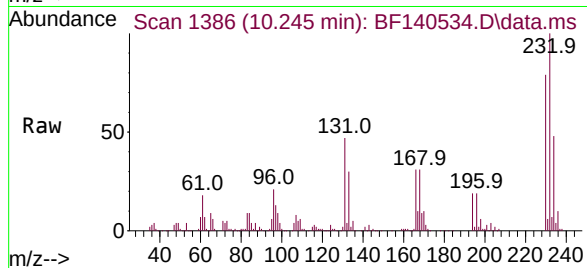




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.746 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

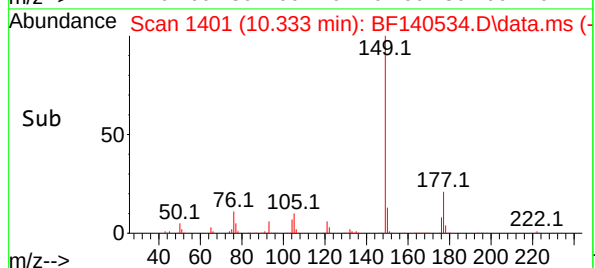
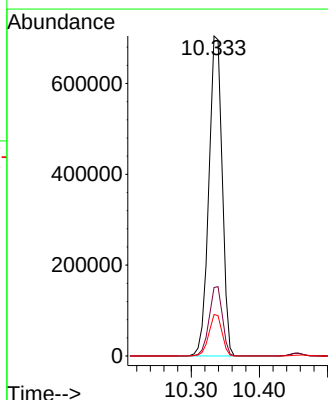
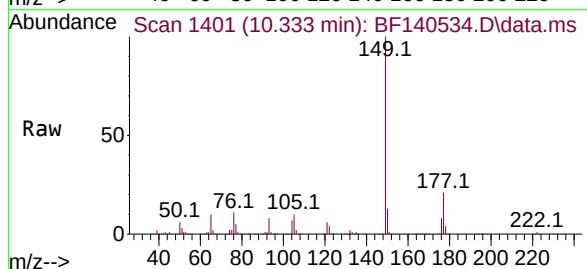
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

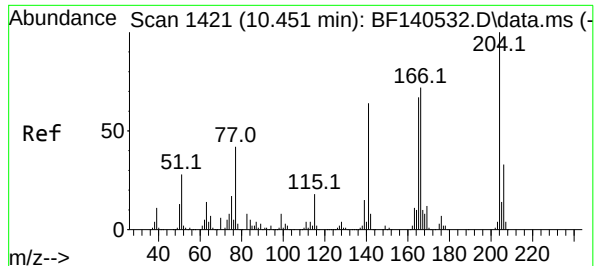
Tgt Ion:232 Resp: 230786
Ion Ratio Lower Upper
232 100
131 47.5 39.6 59.4
130 2.4 1.9 2.9
166 30.2 25.3 37.9



#60
Diethylphthalate
Concen: 56.869 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:149 Resp: 959366
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.9 10.1 15.1

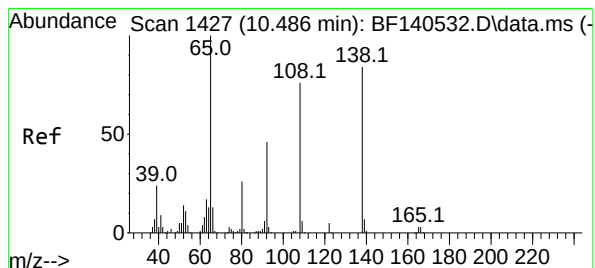
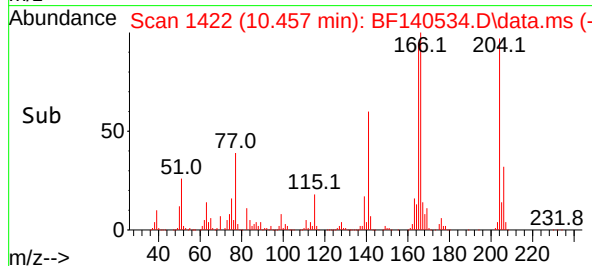
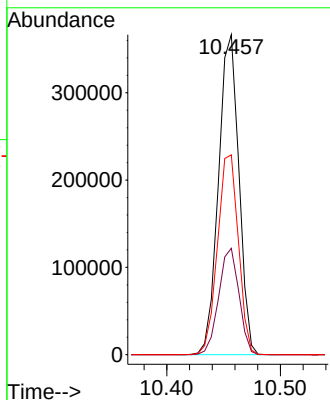
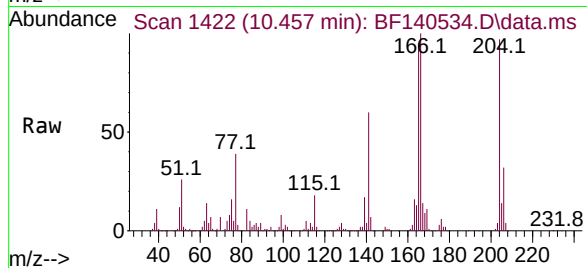




#61
4-Chlorophenyl-phenylether
Concen: 55.641 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

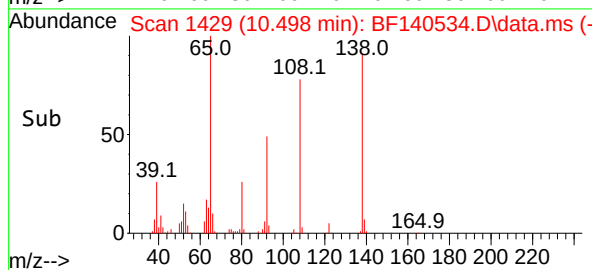
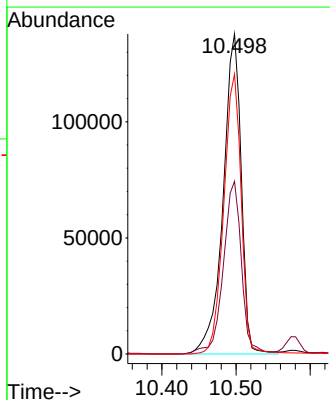
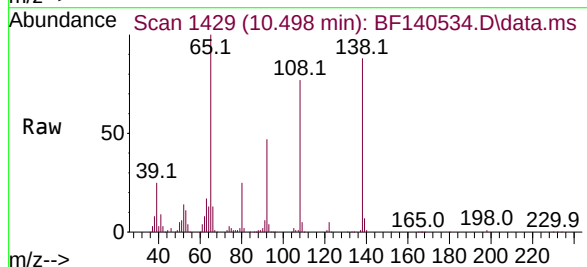
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

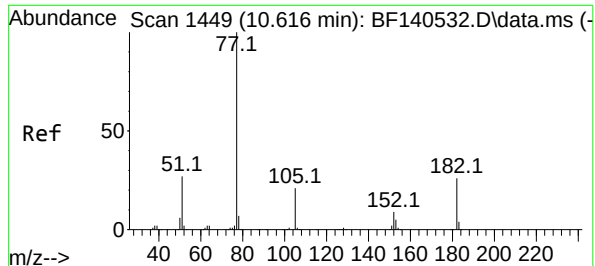
Tgt Ion:204 Resp: 457757
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 62.4 51.1 76.7



#62
4-Nitroaniline
Concen: 60.547 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:138 Resp: 233877
Ion Ratio Lower Upper
138 100
92 54.0 34.5 74.5
108 87.5 70.6 110.6

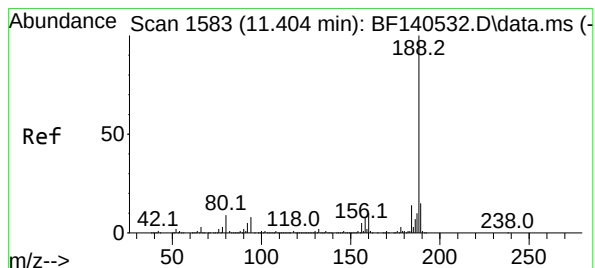
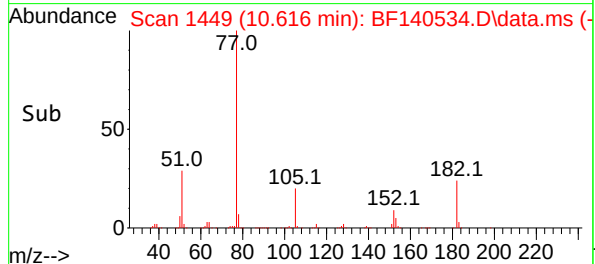
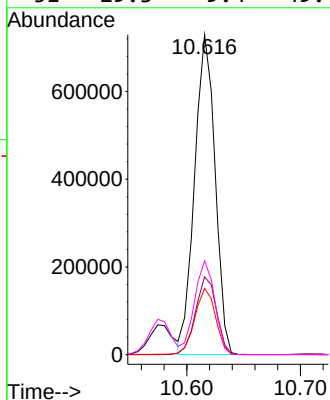
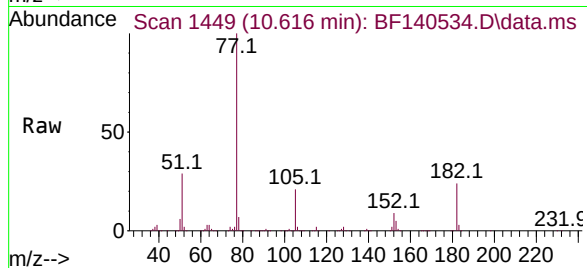




#63
Azobenzene
Concen: 57.097 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

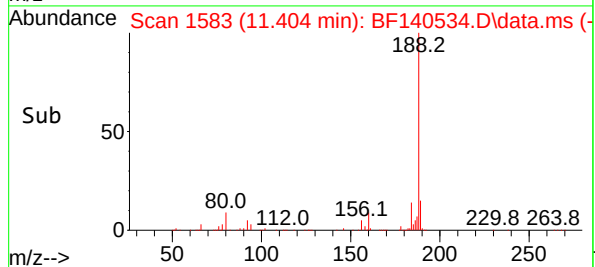
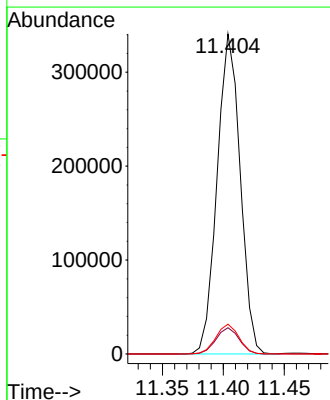
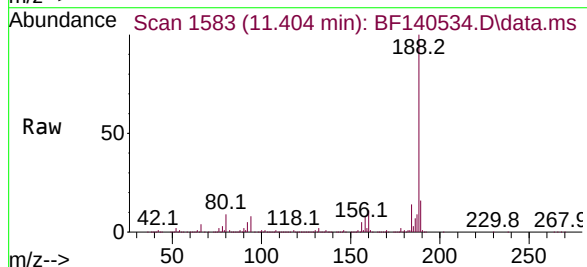
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

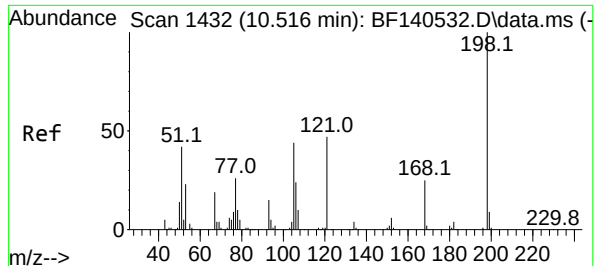
Tgt Ion: 77 Resp: 912145
Ion Ratio Lower Upper
77 100
182 24.3 5.3 45.3
105 20.8 0.3 40.3
51 29.3 9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion: 188 Resp: 449876
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.3 6.9 10.3

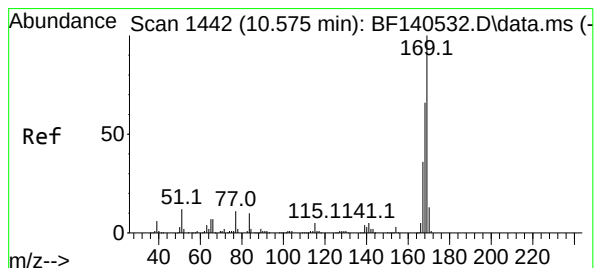
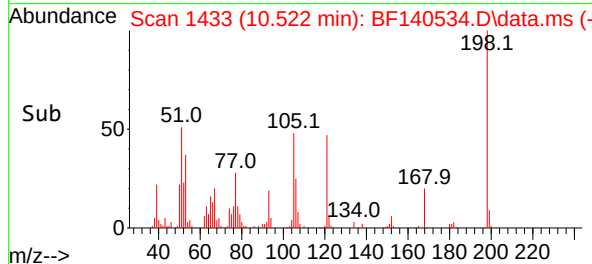
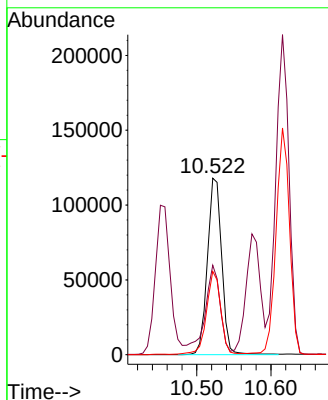
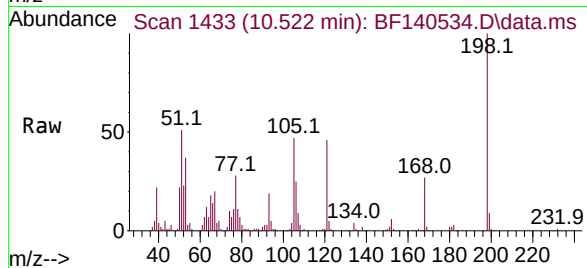




#65
4,6-Dinitro-2-methylphenol
Concen: 68.815 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

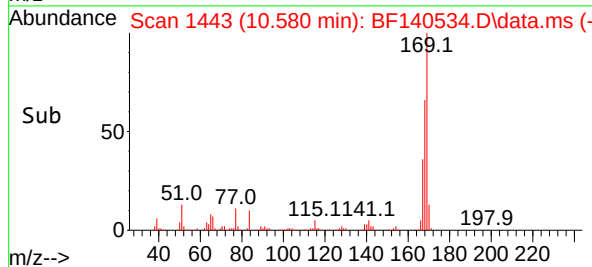
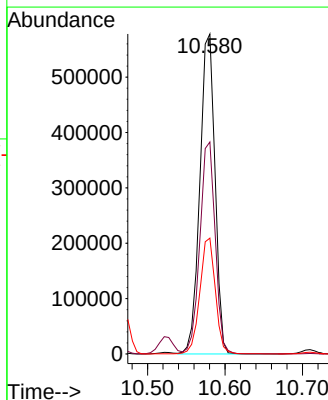
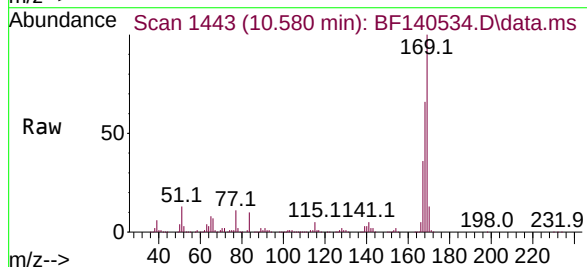
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

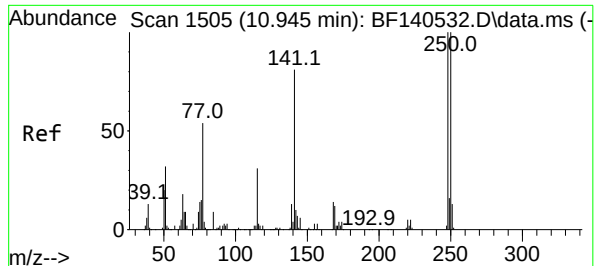
Tgt Ion:198 Resp: 158199
Ion Ratio Lower Upper
198 100
51 50.6 29.4 69.4
105 47.2 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 58.887 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:169 Resp: 783428
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.2 29.0 43.6

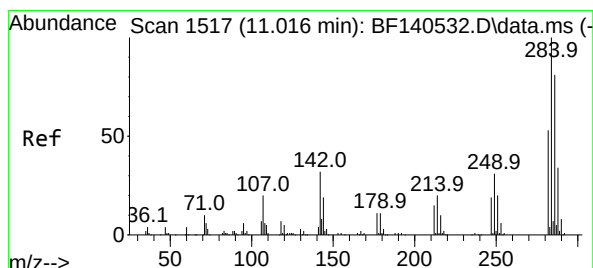
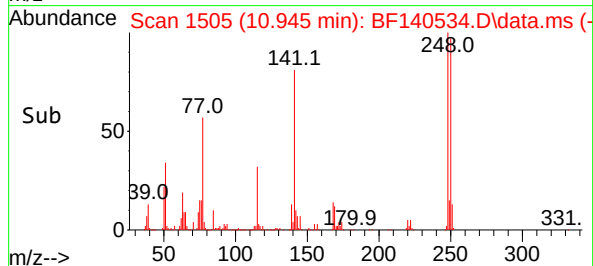
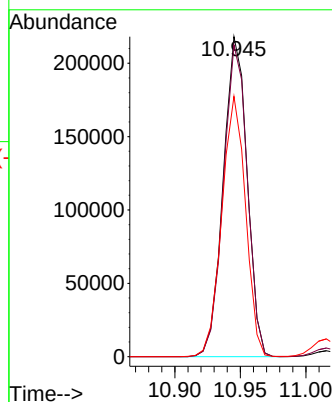
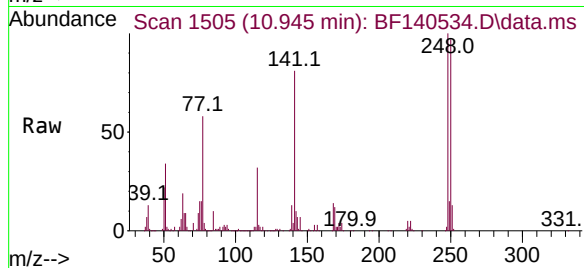




#67
4-Bromophenyl-phenylether
Concen: 59.628 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

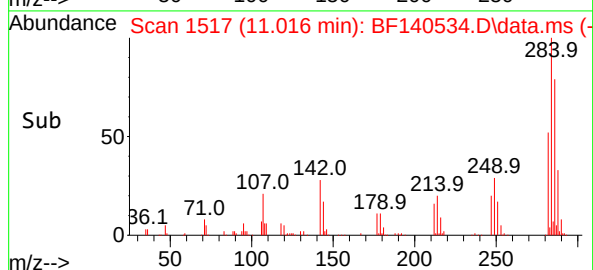
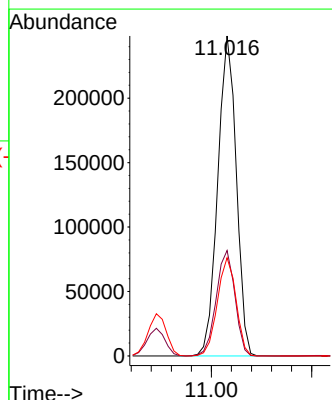
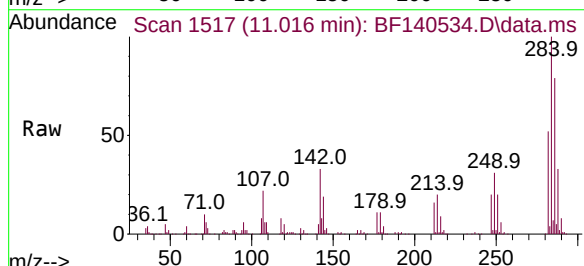
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

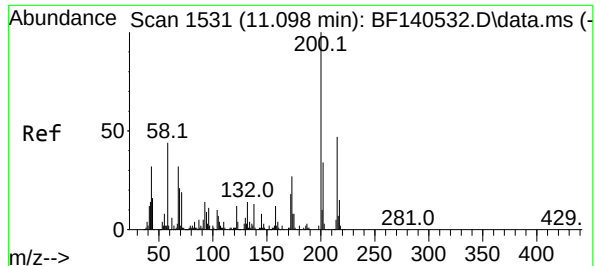
Tgt Ion:248 Resp: 276260
Ion Ratio Lower Upper
248 100
250 97.4 79.8 119.8
141 81.4 64.7 97.1



#68
Hexachlorobenzene
Concen: 59.265 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:284 Resp: 317935
Ion Ratio Lower Upper
284 100
142 32.9 25.3 37.9
249 30.7 24.8 37.2

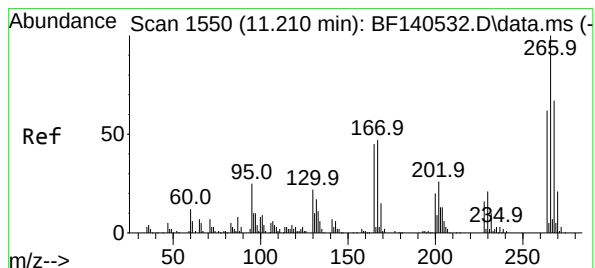
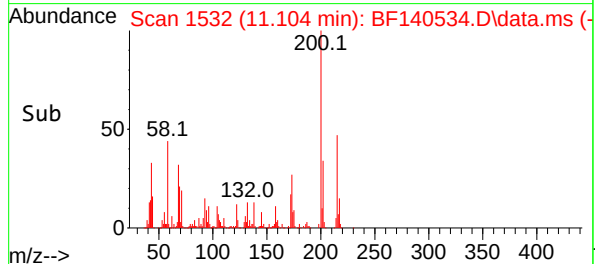
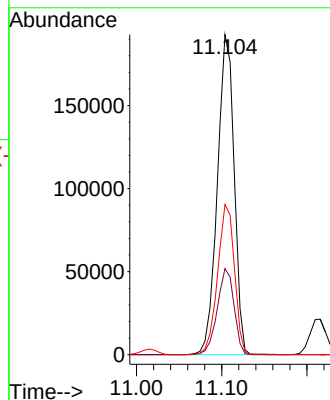
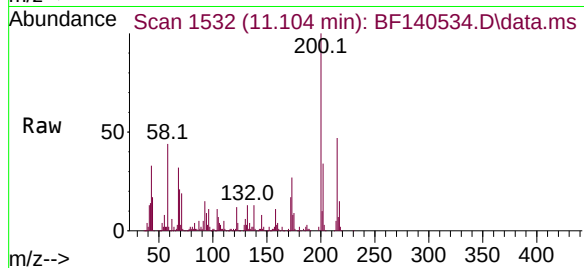




#69
Atrazine
Concen: 70.679 ng
RT: 11.104 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

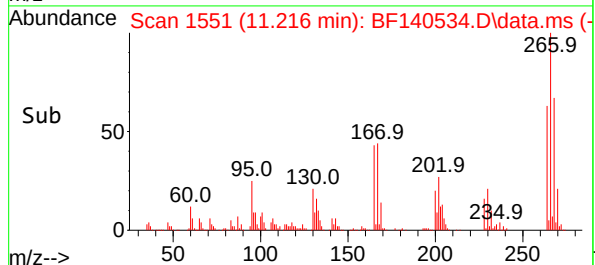
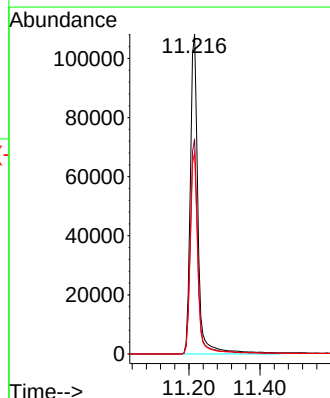
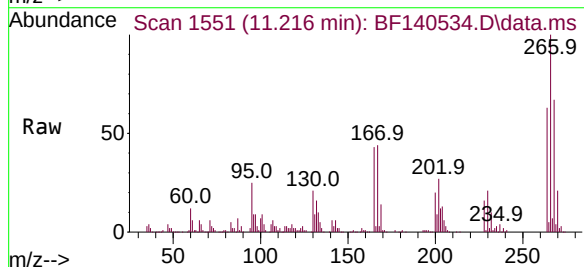
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

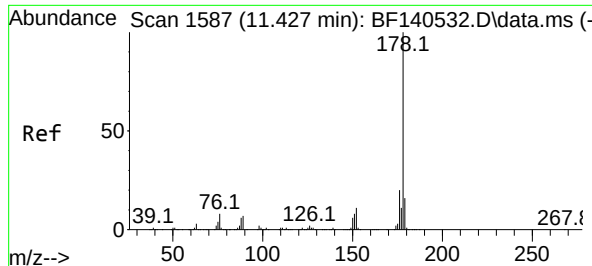
Tgt Ion:200 Resp: 264529
Ion Ratio Lower Upper
200 100
173 26.9 7.0 47.0
215 46.9 26.7 66.7



#70
Pentachlorophenol
Concen: 69.004 ng
RT: 11.216 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:266 Resp: 162925
Ion Ratio Lower Upper
266 100
268 67.3 53.7 80.5
264 63.0 49.8 74.8

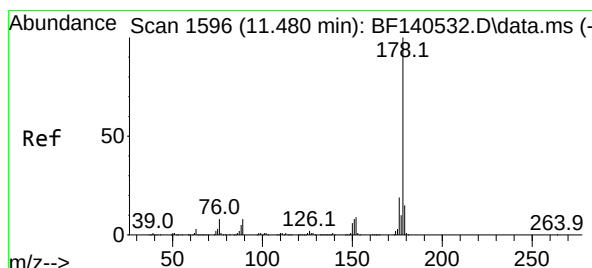
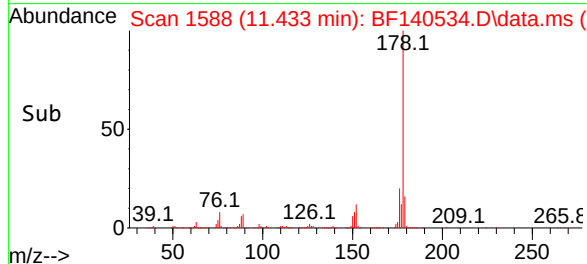
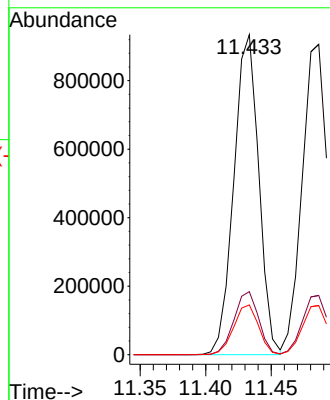
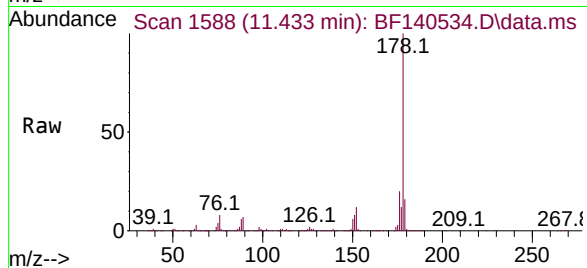




#71
Phenanthrene
Concen: 57.156 ng
RT: 11.433 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

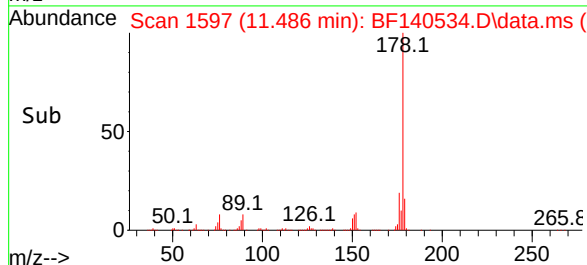
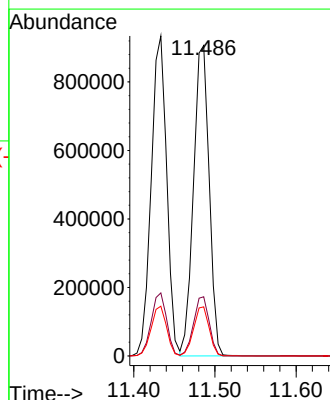
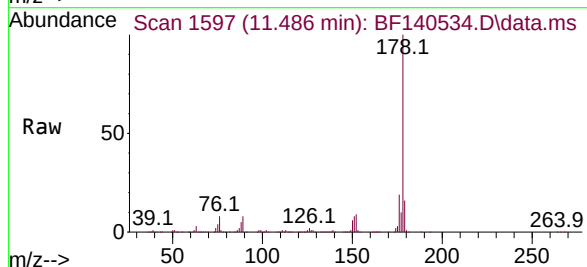
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

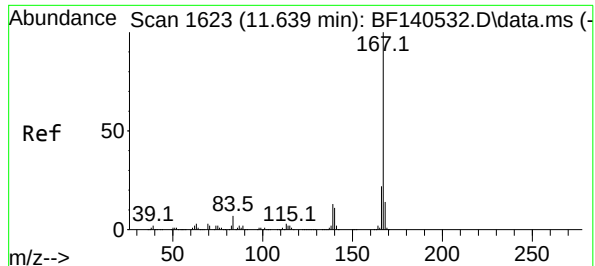
Tgt Ion:178 Resp: 1236004
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.6 12.4 18.6



#72
Anthracene
Concen: 57.692 ng
RT: 11.486 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:178 Resp: 1220392
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 15.8 12.2 18.4

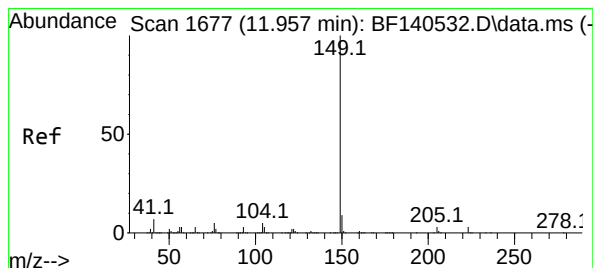
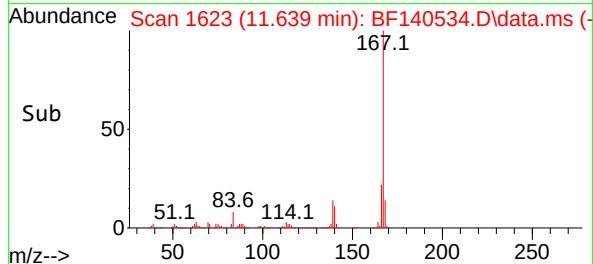
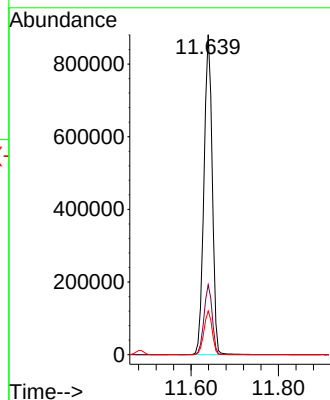
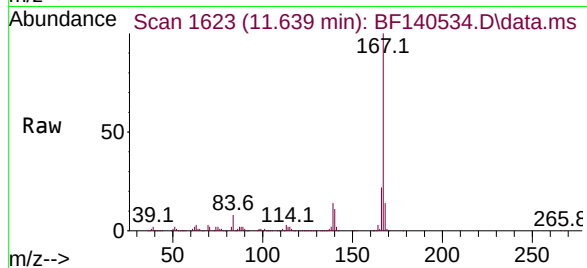




#73
Carbazole
Concen: 57.171 ng
RT: 11.639 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

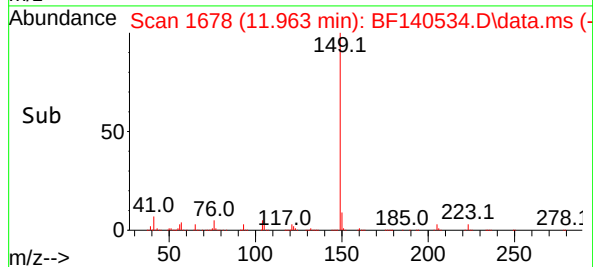
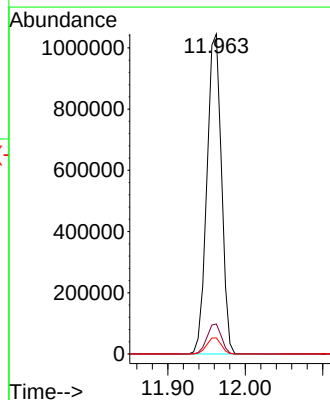
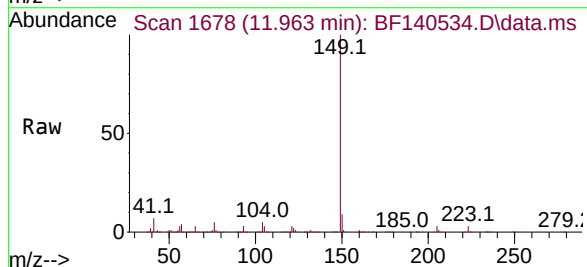
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

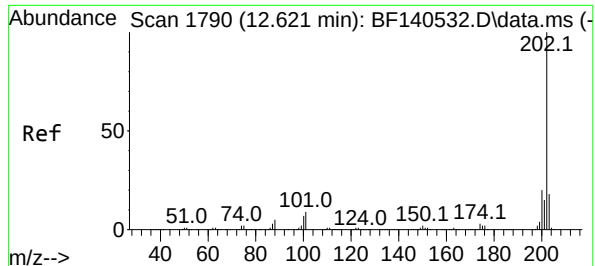
Tgt Ion:167 Resp: 1163411
Ion Ratio Lower Upper
167 100
166 21.8 17.2 25.8
139 13.6 10.6 15.8



#74
Di-n-butylphthalate
Concen: 57.851 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:149 Resp: 1359134
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.0 4.1 6.1

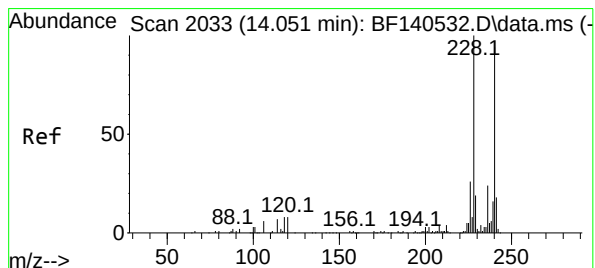
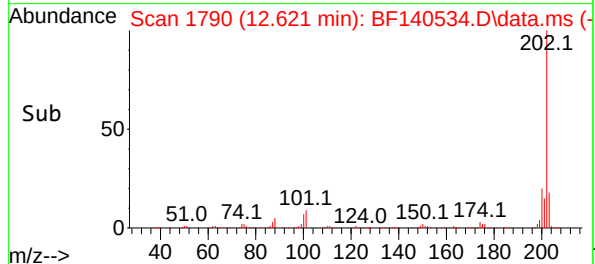
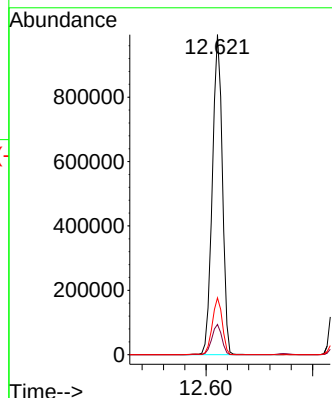
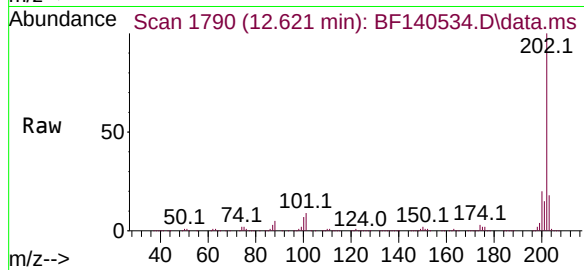




#75
Fluoranthene
Concen: 55.323 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

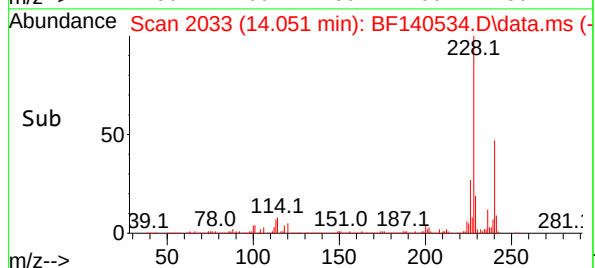
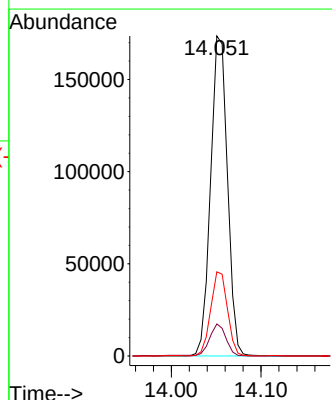
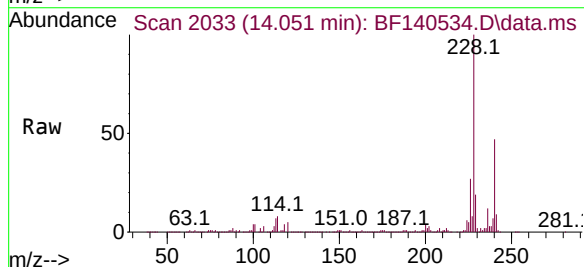
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

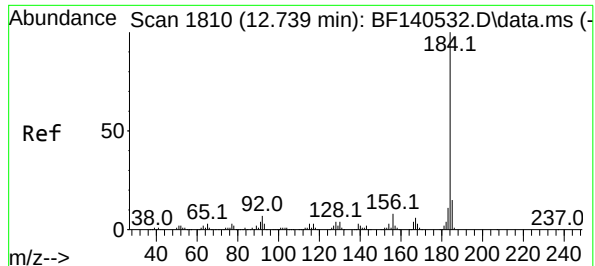
Tgt Ion:202 Resp: 1298953
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.9
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:240 Resp: 226512
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 26.3 20.6 31.0





#77

Benzidine

Concen: 105.771 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

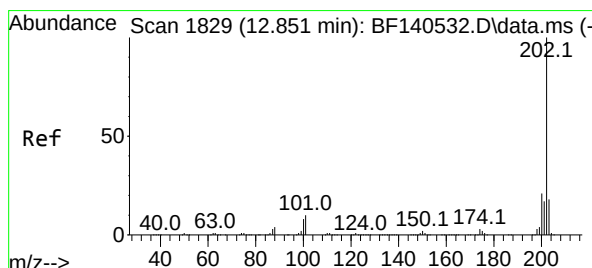
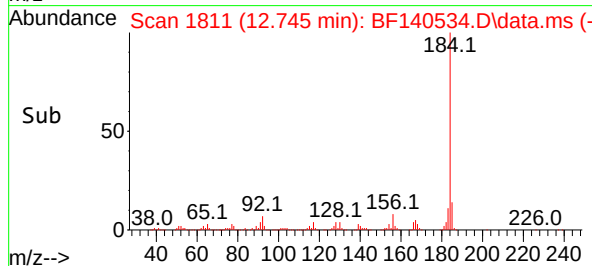
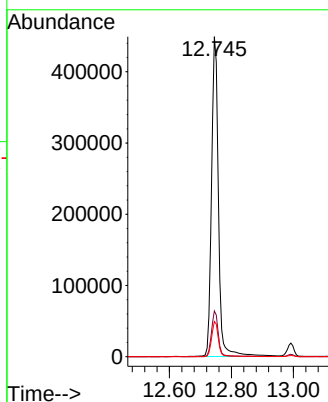
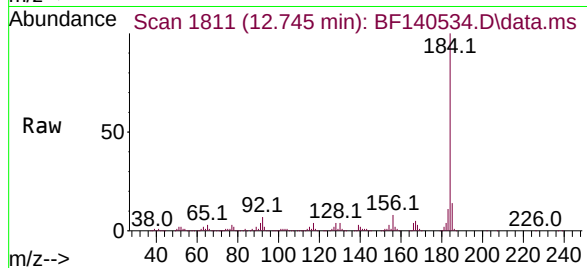
Tgt Ion:184 Resp: 696576

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 11.0 8.8 13.2



#78

Pyrene

Concen: 61.591 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

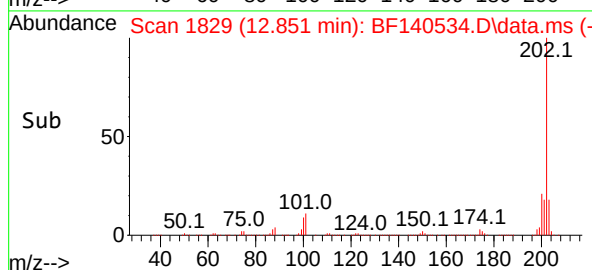
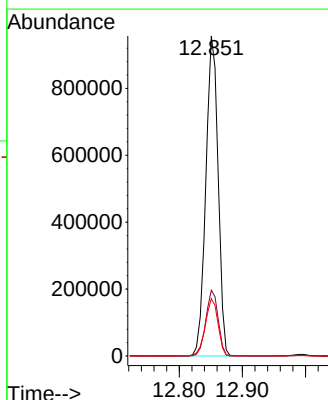
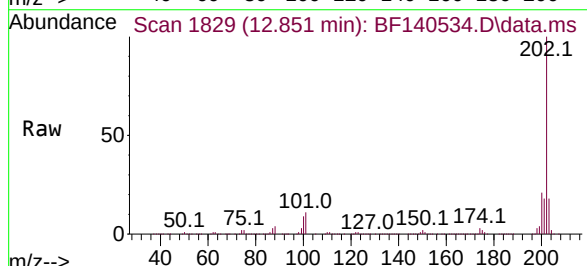
Tgt Ion:202 Resp: 1289961

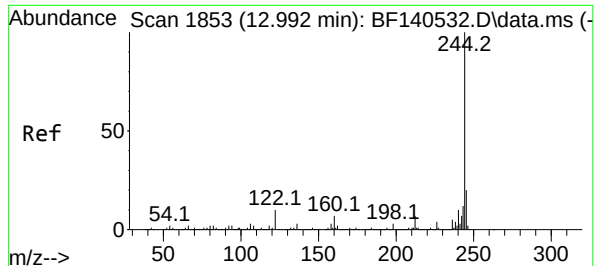
Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 122.638 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

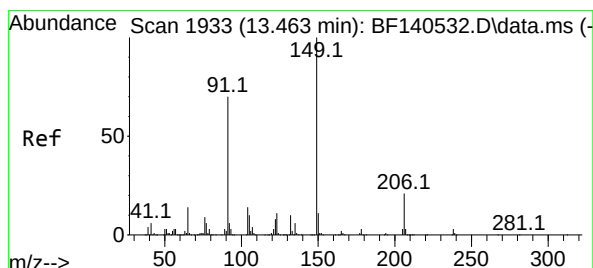
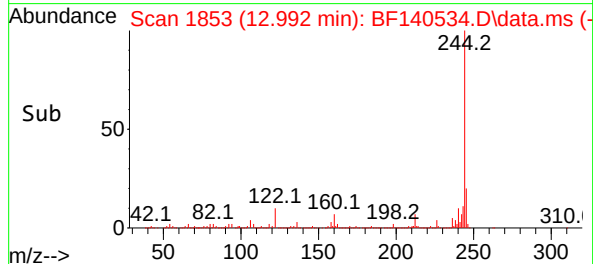
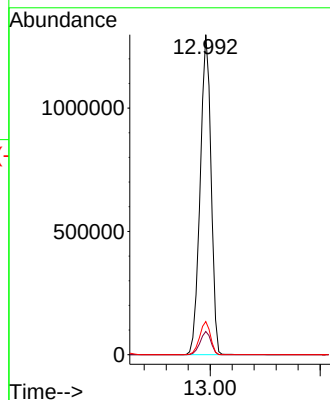
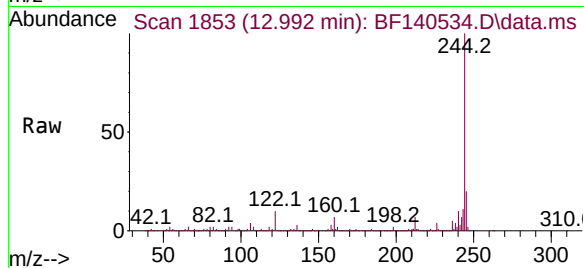
Tgt Ion:244 Resp: 1783980

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.4 8.0 12.0



#80

Butylbenzylphthalate

Concen: 60.743 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

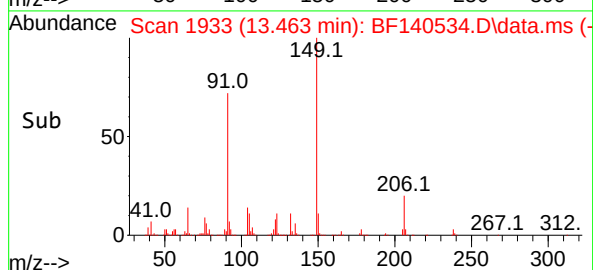
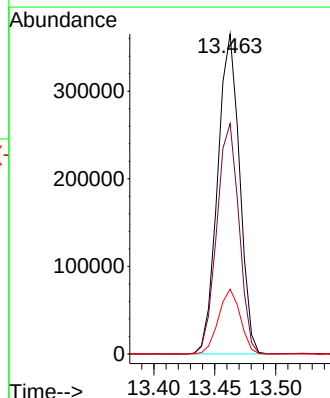
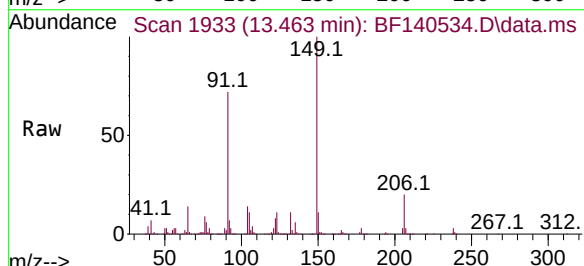
Tgt Ion:149 Resp: 458296

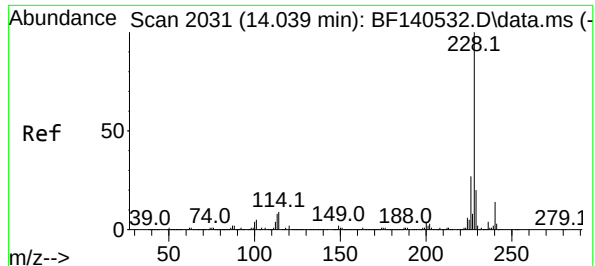
Ion Ratio Lower Upper

149 100

91 72.0 56.2 84.2

206 20.3 16.4 24.6

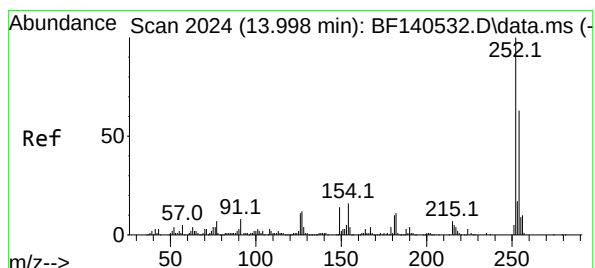
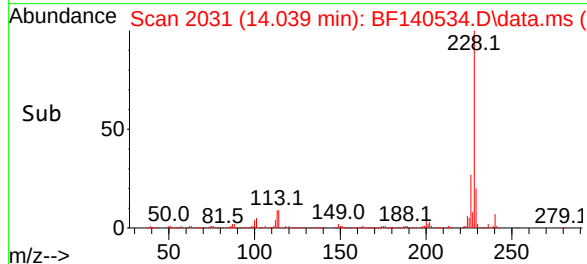
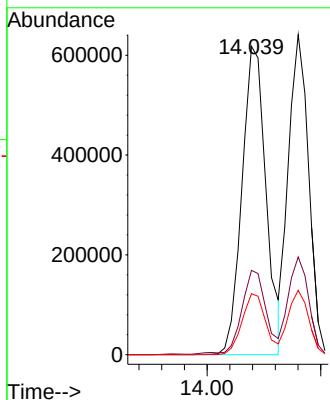
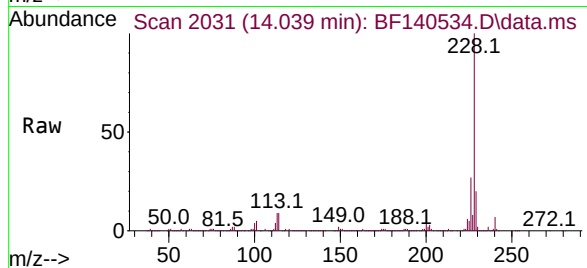




#81
Benzo(a)anthracene
Concen: 60.640 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

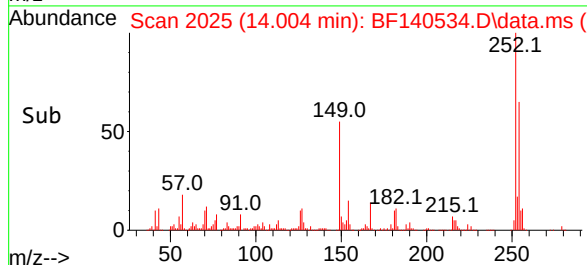
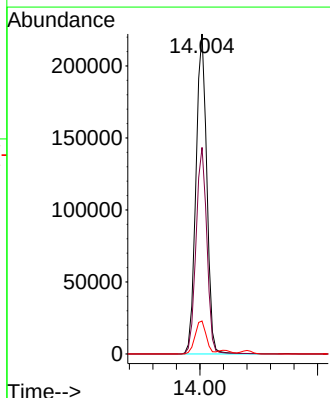
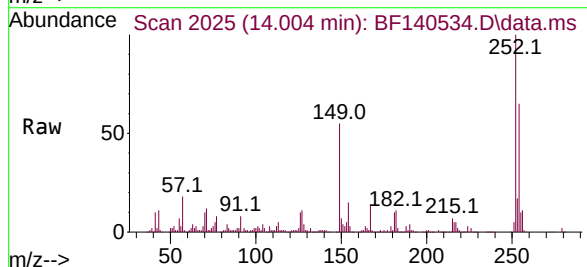
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

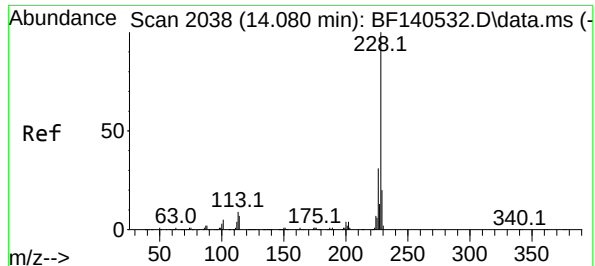
Tgt Ion:228 Resp: 909243
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 63.247 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:252 Resp: 284725
Ion Ratio Lower Upper
252 100
254 64.6 50.8 76.2
126 10.3 8.6 13.0

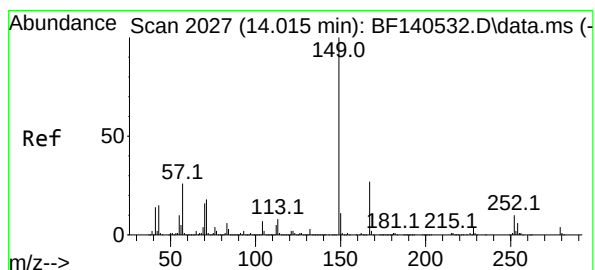
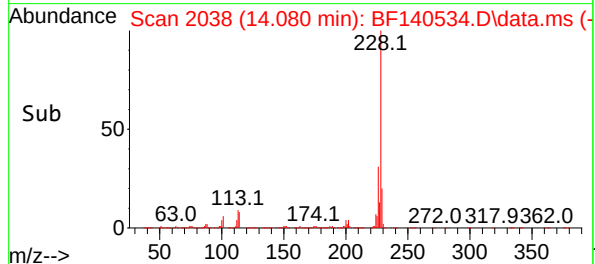
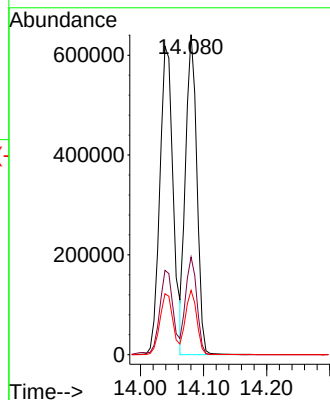
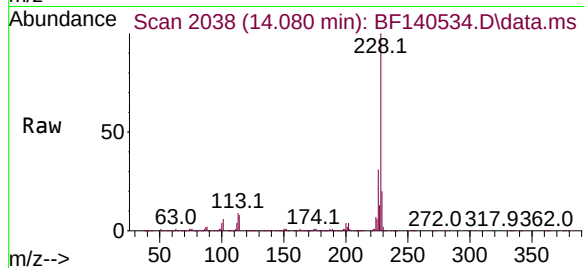




#83
Chrysene
Concen: 58.142 ng
RT: 14.080 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

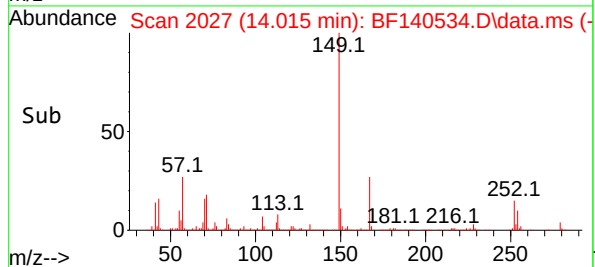
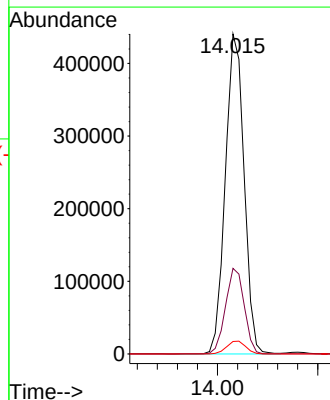
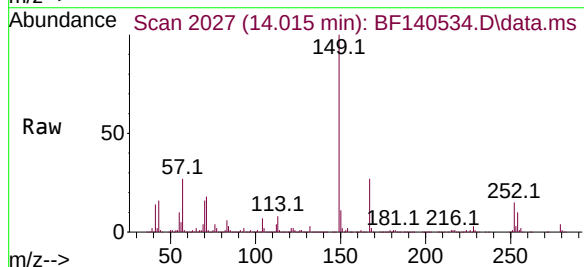
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

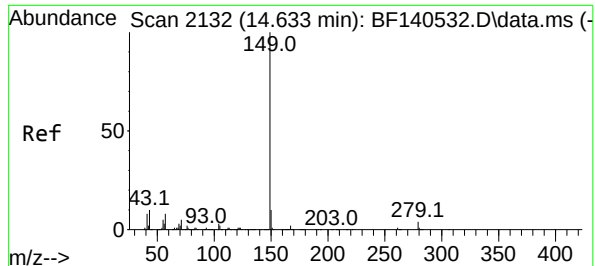
Tgt Ion	228	226	229
Resp	797151		
Ratio	100	30.6	20.1
Lower		24.4	15.8
Upper		36.6	23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.983 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion	149	167	279
Resp	571450		
Ratio	100	26.7	3.9
Lower		21.2	3.2
Upper		31.8	4.8

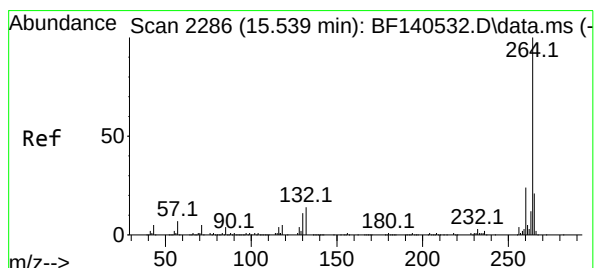
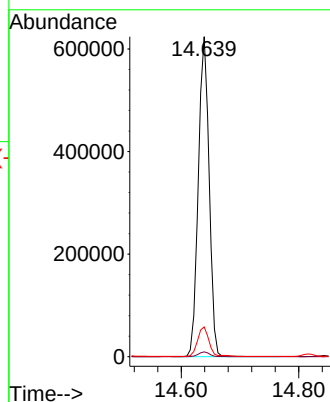
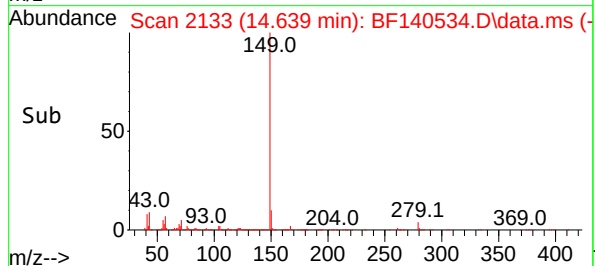
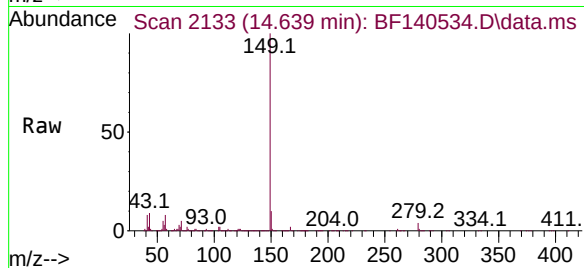




#85
Di-n-octyl phthalate
Concen: 61.012 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

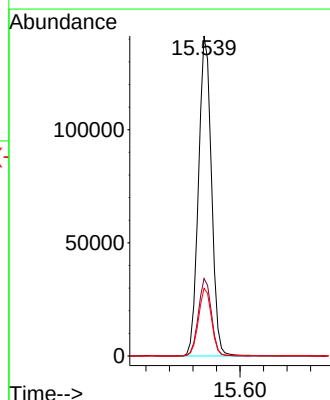
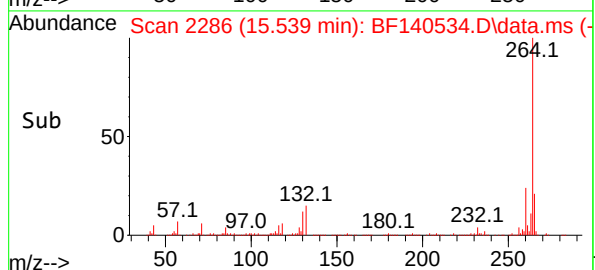
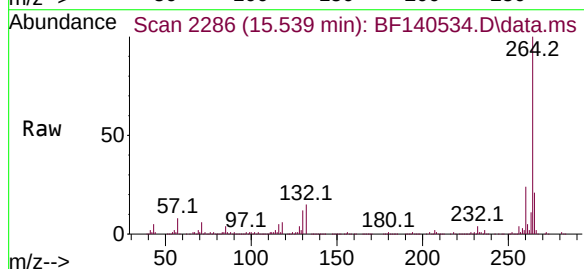
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

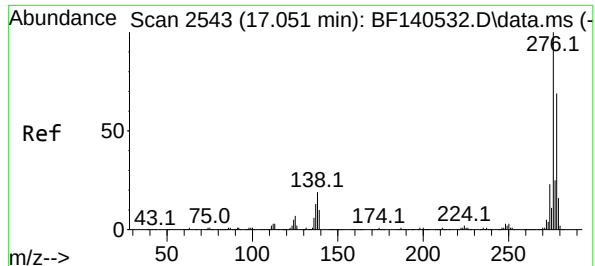
Tgt Ion:149 Resp: 794359
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:264 Resp: 216239
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 64.878 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

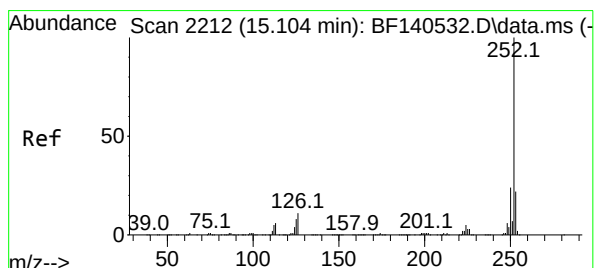
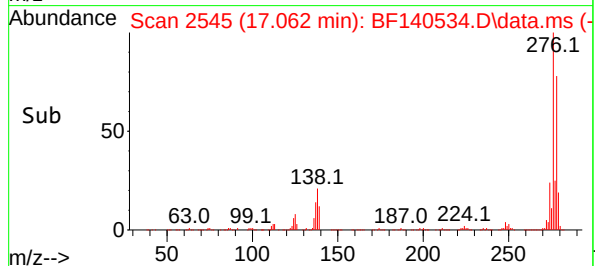
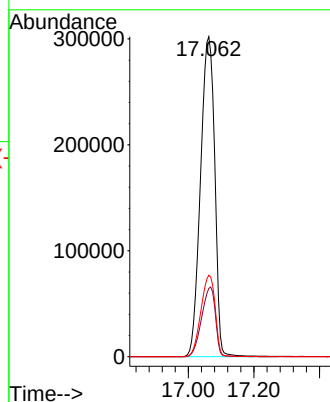
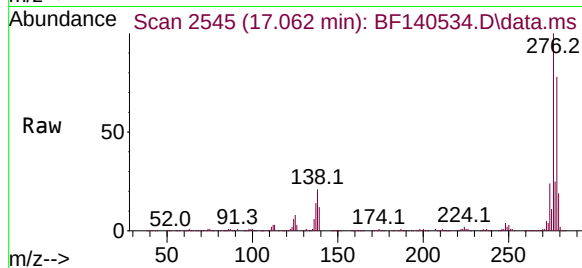
Tgt Ion:276 Resp: 914265

Ion Ratio Lower Upper

276 100

138 21.0 15.5 23.3

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 57.648 ng

RT: 15.109 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

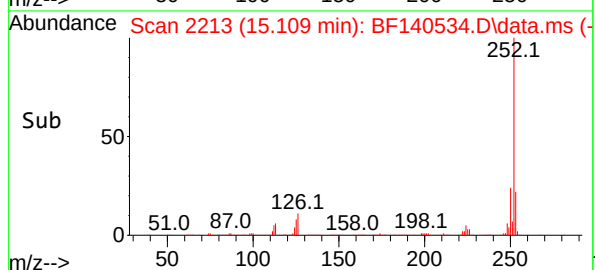
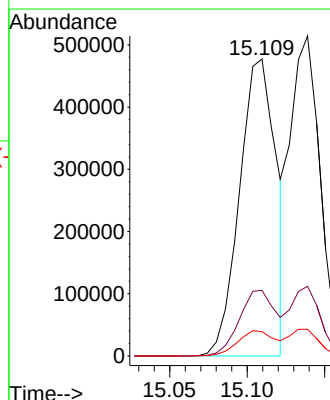
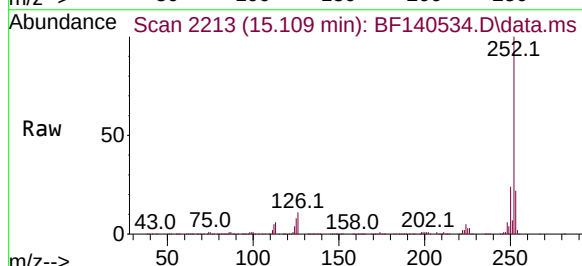
Tgt Ion:252 Resp: 782997

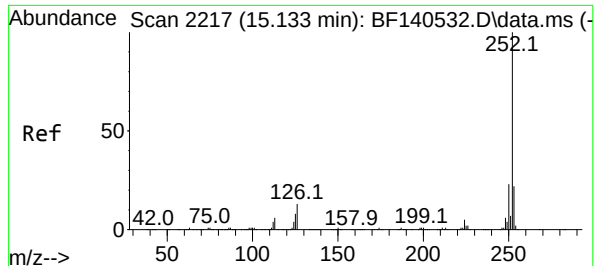
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 8.2 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 57.594 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

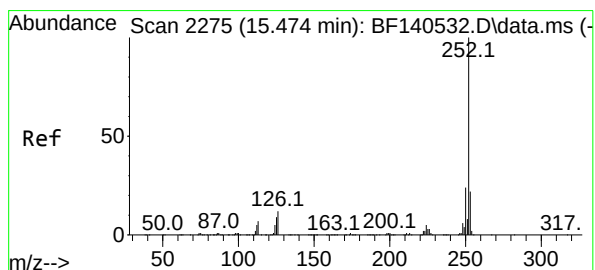
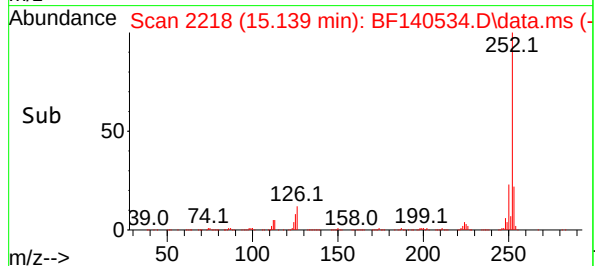
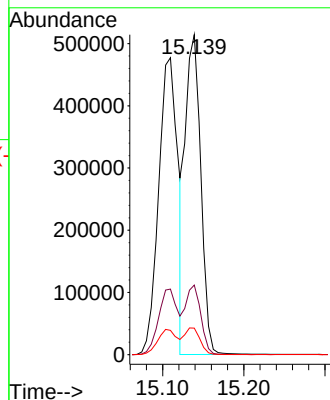
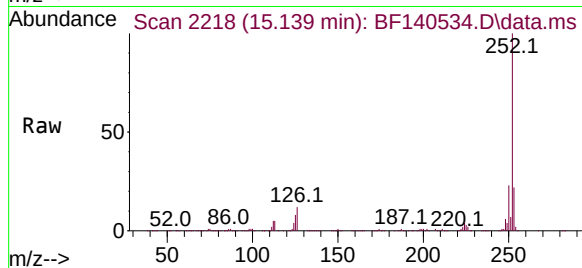
Tgt Ion:252 Resp: 684548

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.3 6.5 9.7



#90

Benzo(a)pyrene

Concen: 59.538 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

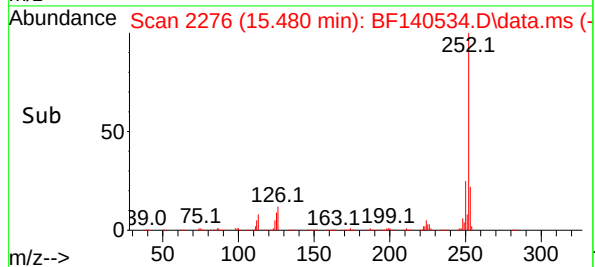
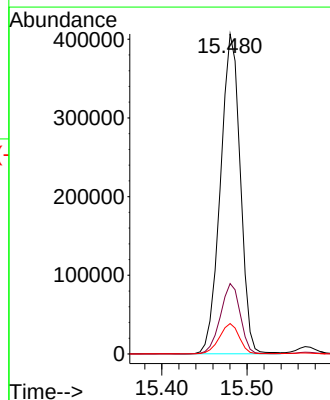
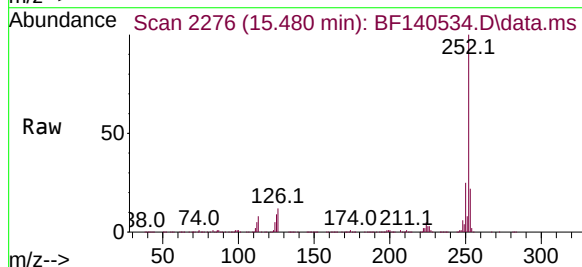
Tgt Ion:252 Resp: 657502

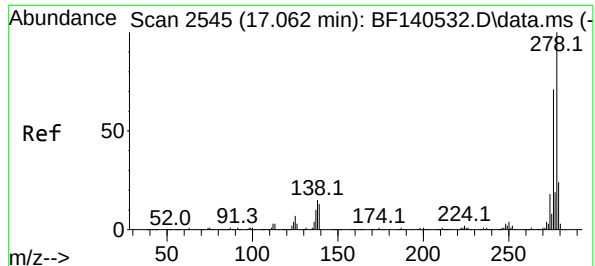
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.5 7.0 10.6

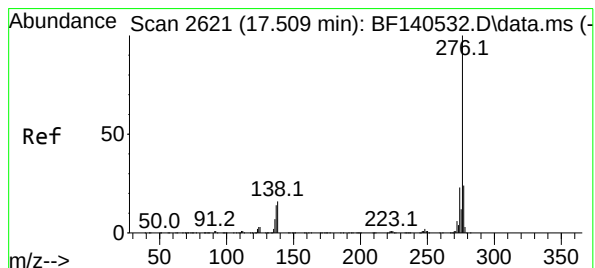
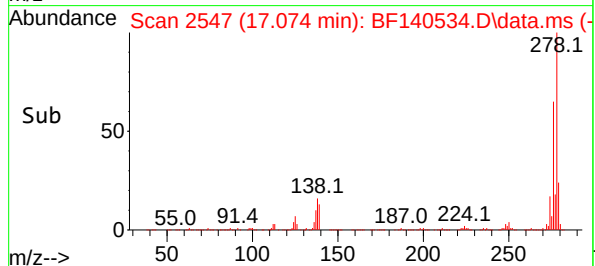
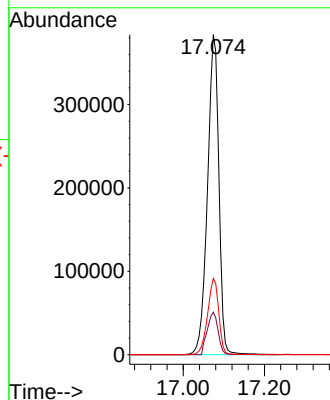
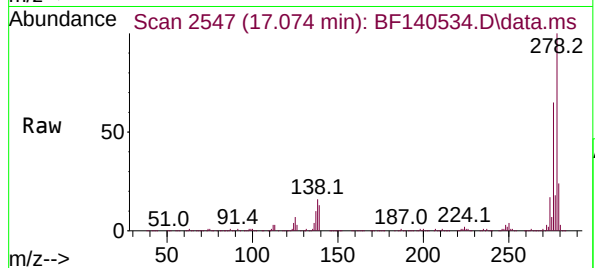




#91
Dibenzo(a,h)anthracene
Concen: 64.606 ng
RT: 17.074 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

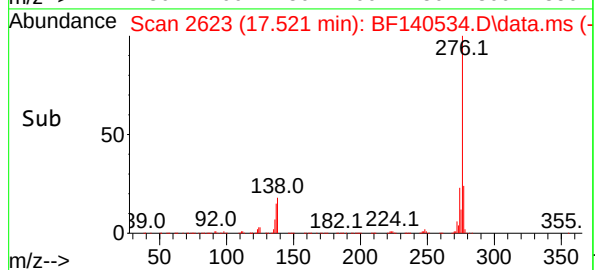
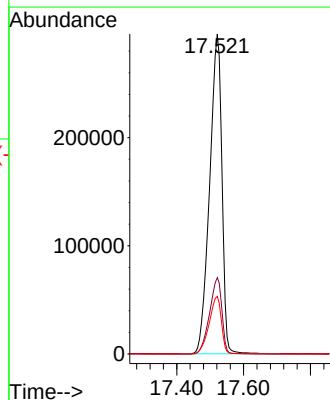
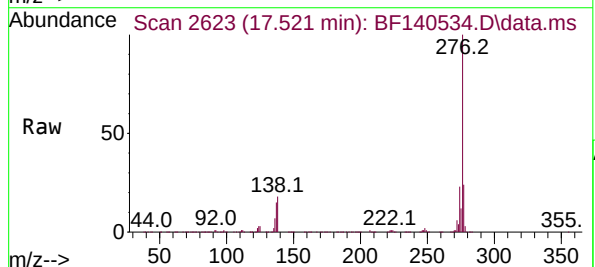
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 745614
Ion Ratio Lower Upper
278 100
139 13.2 10.2 15.4
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 63.978 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.012 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:276 Resp: 753452
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 18.0 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140535.D
 Acq On : 21 Nov 2024 14:18
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Nov 21 15:15:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	111872	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	386311	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	207499	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	377113	20.000	ng	0.00
76) Chrysene-d12	14.057	240	187912	20.000	ng	0.00
86) Perylene-d12	15.539	264	185457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	976816	148.979	ng	0.01
7) Phenol-d6	6.528	99	1259345	145.284	ng	0.01
23) Nitrobenzene-d5	7.451	82	1184453	156.830	ng	0.01
42) 2,4,6-Tribromophenol	10.710	330	350473	157.926	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2050501	147.236	ng	0.00
79) Terphenyl-d14	12.992	244	1884646	156.171	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	213294	77.371	ng	100
3) Pyridine	3.434	79	504657	83.201	ng	98
4) n-Nitrosodimethylamine	3.416	42	295436	82.873	ng	99
6) Aniline	6.551	93	373764	61.261	ng	# 66
8) 2-Chlorophenol	6.675	128	512168	72.606	ng	97
10) Phenol	6.545	94	633910	71.609	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	509142	75.160	ng	100
12) 1,3-Dichlorobenzene	6.822	146	576538	72.737	ng	99
13) 1,4-Dichlorobenzene	6.893	146	587901	73.253	ng	98
14) 1,2-Dichlorobenzene	7.051	146	541244	71.971	ng	99
15) Benzyl Alcohol	7.028	79	469135	72.980	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	571163	71.370	ng	89
17) 2-Methylphenol	7.140	107	412367	73.028	ng	97
18) Hexachloroethane	7.387	117	223281	74.489	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	370745	72.370	ng	97
20) 3+4-Methylphenols	7.298	107	516442	71.155	ng	91
22) Acetophenone	7.292	105	722622	76.727	ng	# 98
24) Nitrobenzene	7.469	77	605207	77.534	ng	98
25) Isophorone	7.704	82	981772	77.937	ng	100
26) 2-Nitrophenol	7.775	139	277762	80.298	ng	98
27) 2,4-Dimethylphenol	7.816	122	336239	81.241	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	591884	77.128	ng	100
29) 2,4-Dichlorophenol	8.022	162	418686	76.344	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	482134	76.997	ng	99
31) Naphthalene	8.181	128	1498520	75.309	ng	100
32) Benzoic acid	7.981	122	312770	81.021	ng	99
33) 4-Chloroaniline	8.239	127	446235	74.901	ng	99
34) Hexachlorobutadiene	8.292	225	315951	76.179	ng	99
35) Caprolactam	8.634	113	127641	75.207	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	465184	75.759	ng	100
37) 2-Methylnaphthalene	8.869	142	949611	75.136	ng	100
38) 1-Methylnaphthalene	8.969	142	928964	74.987	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	468632	77.147	ng	100
41) Hexachlorocyclopentadiene	9.022	237	110015	80.520	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	302826	79.446	ng	99
44) 2,4,5-Trichlorophenol	9.204	196	325549	78.696	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140535.D
 Acq On : 21 Nov 2024 14:18
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

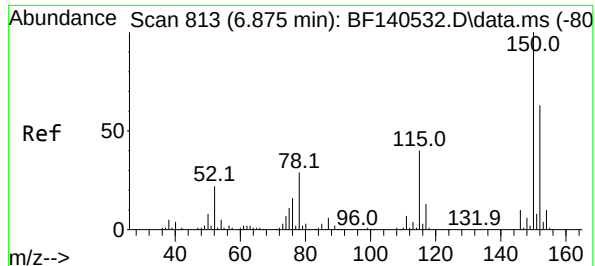
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	1164092	75.141	ng	98
47) 2-Chloronaphthalene	9.363	162	905645	77.151	ng	100
48) 2-Nitroaniline	9.463	65	297813	79.040	ng	99
49) Acenaphthylene	9.781	152	1319777	74.411	ng	99
50) Dimethylphthalate	9.645	163	1041011	76.177	ng	100
51) 2,6-Dinitrotoluene	9.710	165	237697	76.693	ng	96
52) Acenaphthene	9.951	154	851353	74.130	ng	99
53) 3-Nitroaniline	9.881	138	217122	71.627	ng	95
54) 2,4-Dinitrophenol	9.986	184	127923	79.725	ng	98
55) Dibenzofuran	10.122	168	1252581	72.868	ng	98
56) 4-Nitrophenol	10.051	139	172406	83.396	ng	97
57) 2,4-Dinitrotoluene	10.116	165	314478	76.346	ng	96
58) Fluorene	10.469	166	1004537	72.805	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	258582	81.333	ng	97
60) Diethylphthalate	10.339	149	1023948	73.747	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	496862	73.378	ng	98
62) 4-Nitroaniline	10.504	138	241223	75.874	ng	99
63) Azobenzene	10.616	77	978891	74.448	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	170169	88.305	ng	98
66) n-Nitrosodiphenylamine	10.581	169	842038	75.504	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	298430	76.842	ng	98
68) Hexachlorobenzene	11.016	284	349669	77.757	ng	98
69) Atrazine	11.110	200	298744	95.222	ng	99
70) Pentachlorophenol	11.216	266	177717	89.792	ng	99
71) Phenanthrene	11.433	178	1329366	73.334	ng	100
72) Anthracene	11.486	178	1295331	73.050	ng	100
73) Carbazole	11.639	167	1238730	72.617	ng	100
74) Di-n-butylphthalate	11.963	149	1458047	74.036	ng	100
75) Fluoranthene	12.622	202	1389485	70.598	ng	99
77) Benzidine	12.745	184	564372	103.300	ng	100
78) Pyrene	12.851	202	1352459	77.840	ng	100
80) Butylbenzylphthalate	13.463	149	481834	76.981	ng	99
81) Benzo(a)anthracene	14.045	228	933395	75.038	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	295857	79.219	ng	99
83) Chrysene	14.080	228	847578	74.518	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	598926	75.781	ng	100
85) Di-n-octyl phthalate	14.639	149	842600	78.011	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	973960	80.586	ng	100
88) Benzo(b)fluoranthene	15.104	252	866416	74.378	ng	99
89) Benzo(k)fluoranthene	15.139	252	726636	71.283	ng	100
90) Benzo(a)pyrene	15.480	252	710060	74.969	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	789090	79.722	ng	99
92) Benzo(g,h,i)perylene	17.521	276	803570	79.559	ng	99

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

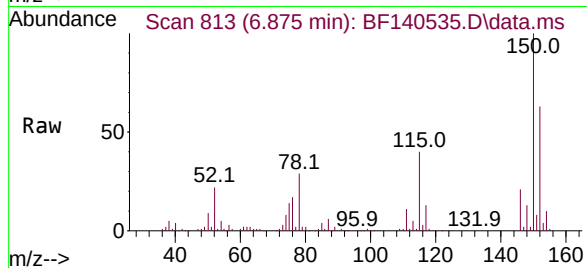
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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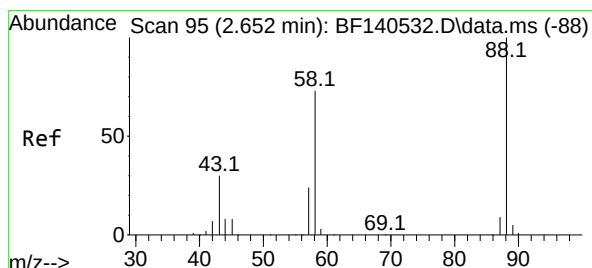
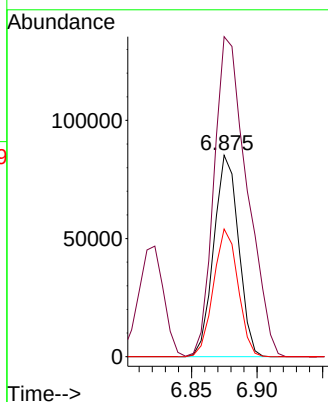
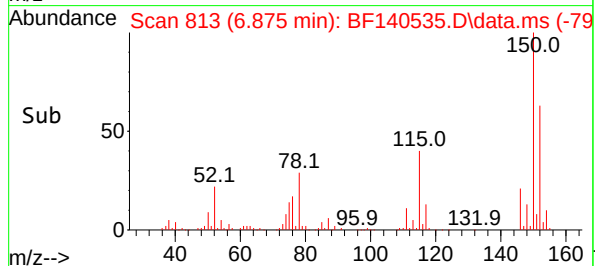


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

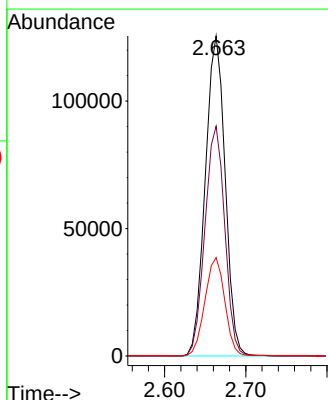
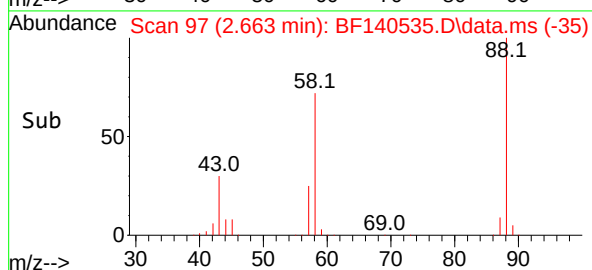
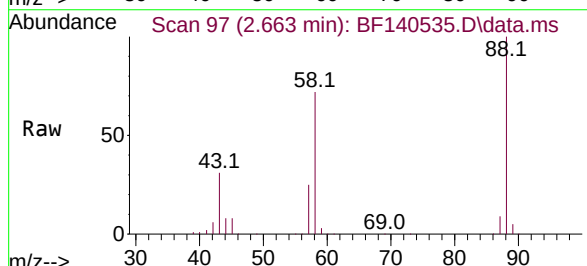


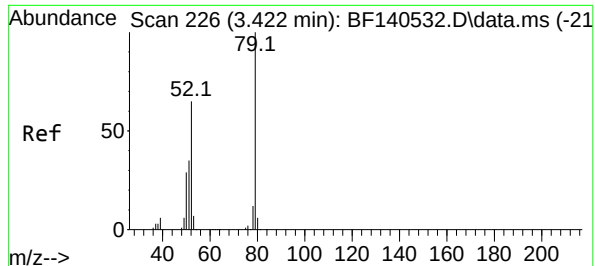
Tgt Ion:152 Resp: 111872
Ion Ratio Lower Upper
152 100
150 158.9 128.5 192.7
115 63.4 50.2 75.4



#2
1,4-Dioxane
Concen: 77.371 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 88 Resp: 213294
Ion Ratio Lower Upper
88 100
58 71.8 57.4 86.2
43 31.0 24.3 36.5





#3

Pyridine

Concen: 83.201 ng

RT: 3.434 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

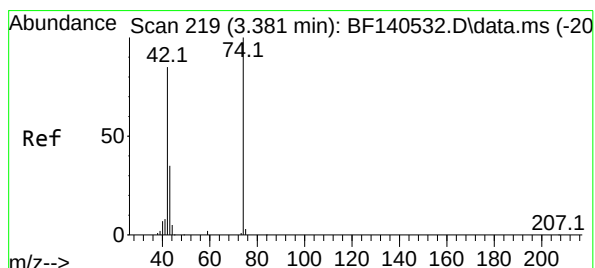
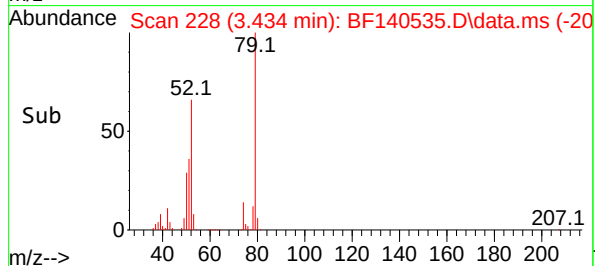
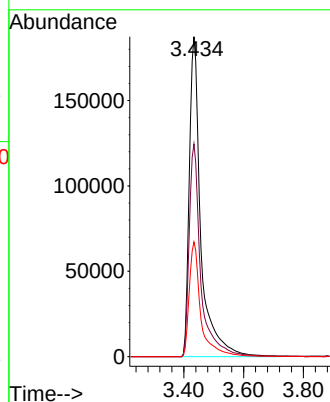
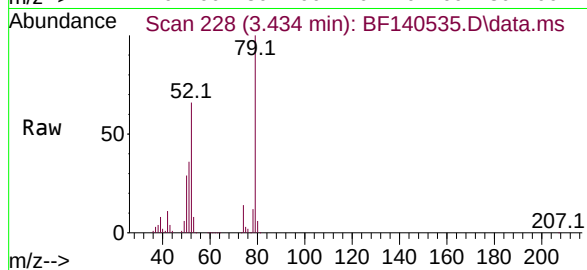
Tgt Ion: 79 Resp: 504657

Ion Ratio Lower Upper

79 100

52 66.5 52.1 78.1

51 35.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 82.873 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.035 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

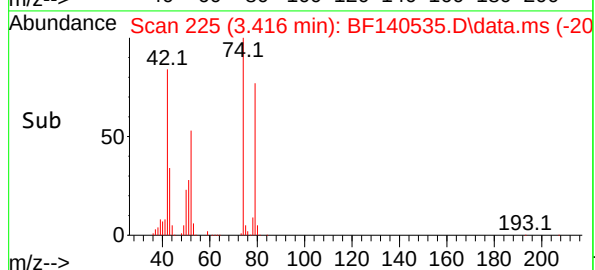
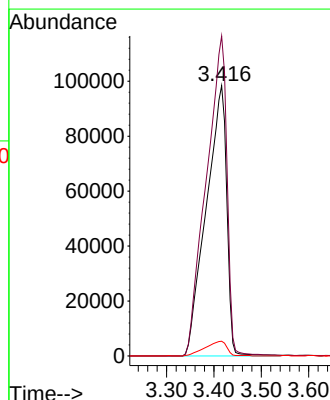
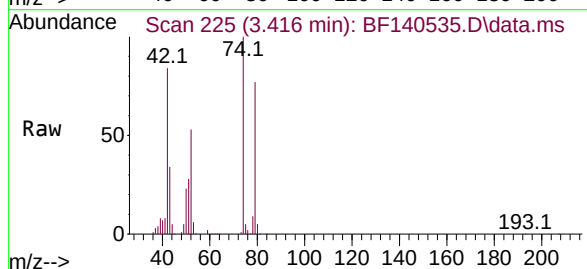
Tgt Ion: 42 Resp: 295436

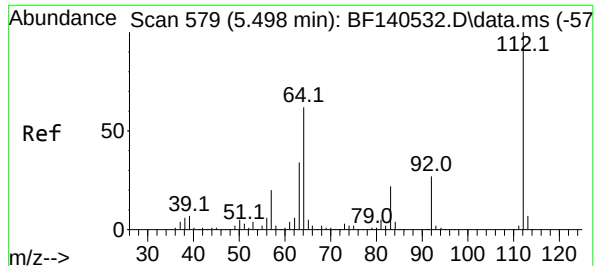
Ion Ratio Lower Upper

42 100

74 118.4 93.8 140.6

44 5.4 4.6 6.8

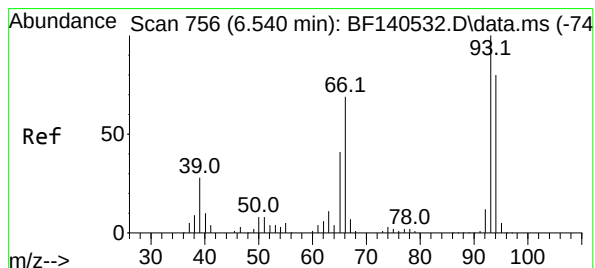
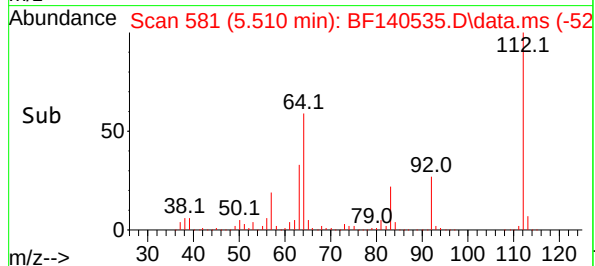
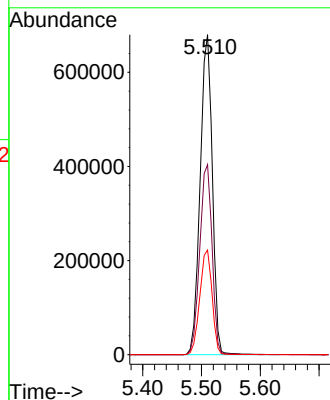
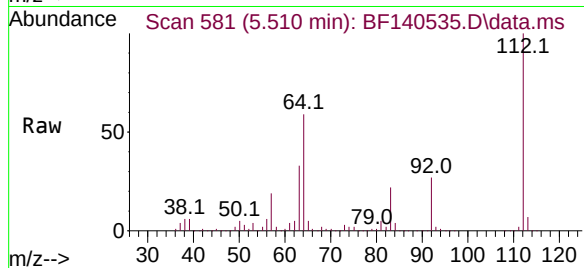




#5
2-Fluorophenol
Concen: 148.979 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

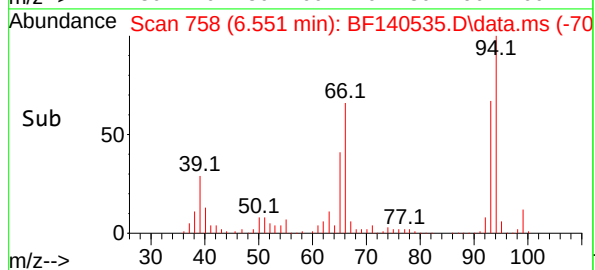
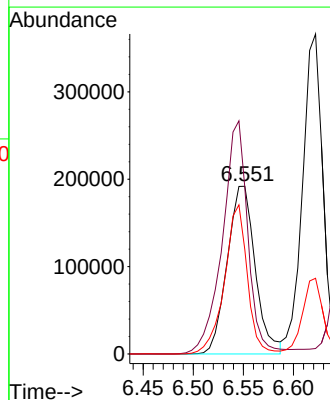
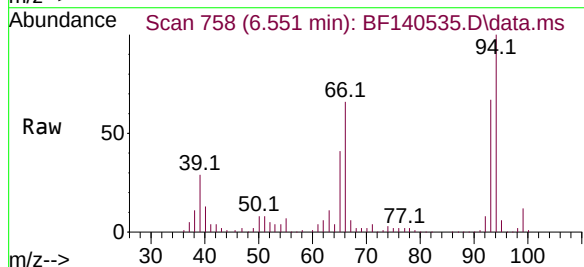
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

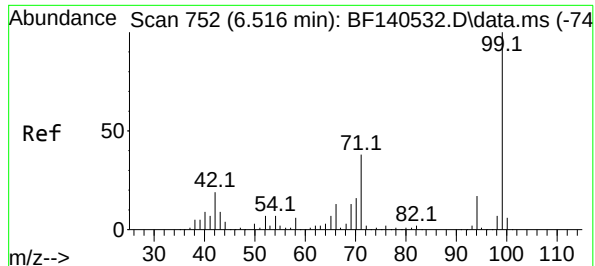
Tgt Ion:112 Resp: 976816
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 32.7 27.0 40.4



#6
Aniline
Concen: 61.261 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 93 Resp: 373764
Ion Ratio Lower Upper
93 100
66 99.2 56.5 84.7#
65 62.2 32.9 49.3#





#7

Phenol-d6

Concen: 145.284 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

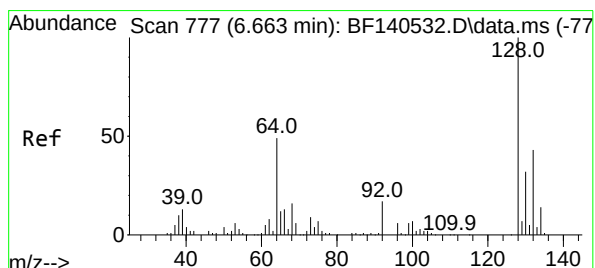
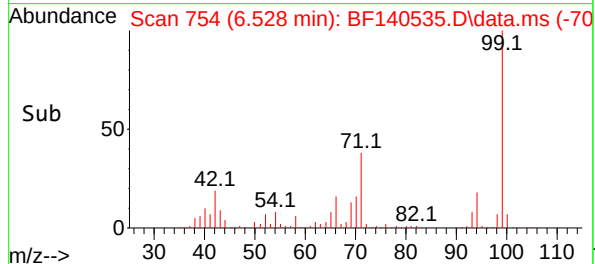
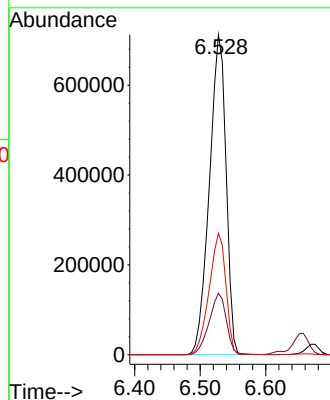
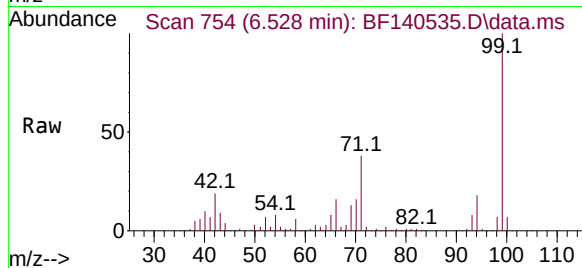
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 1259345

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.4	23.0
71	38.0	30.6	46.0



#8

2-Chlorophenol

Concen: 72.606 ng

RT: 6.675 min Scan# 779

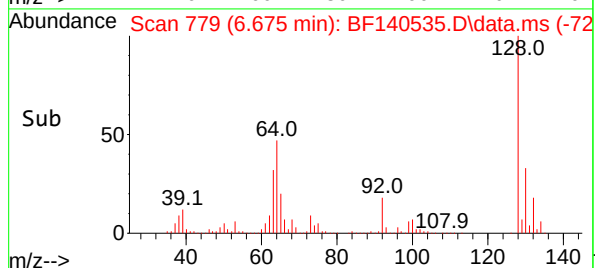
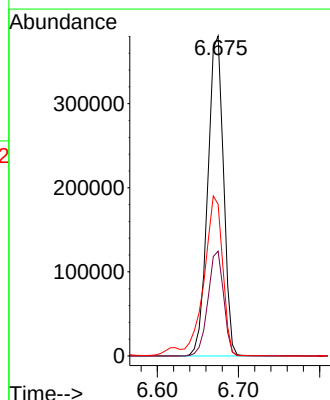
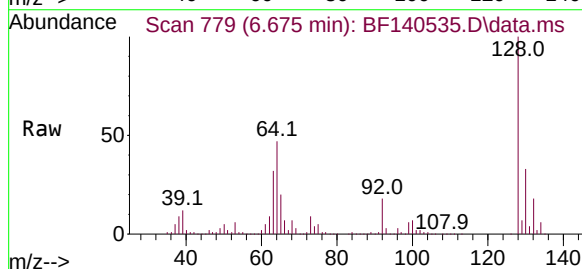
Delta R.T. 0.012 min

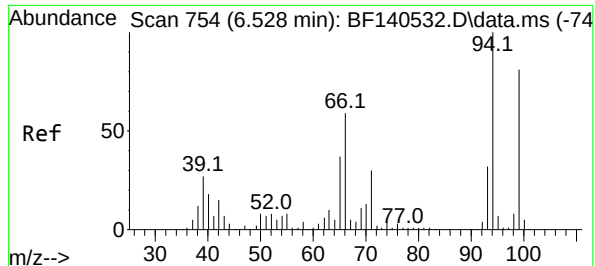
Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Tgt Ion: 128 Resp: 512168

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	47.4	30.2	70.2

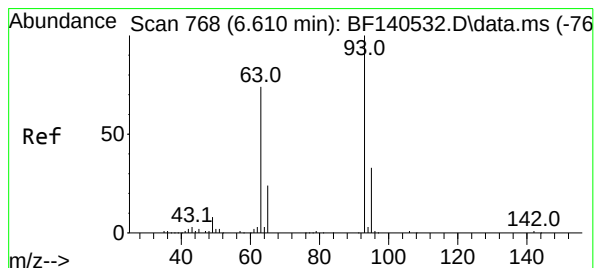
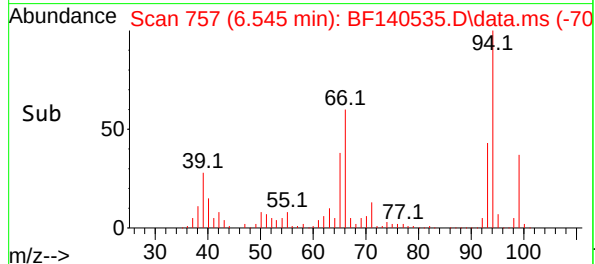
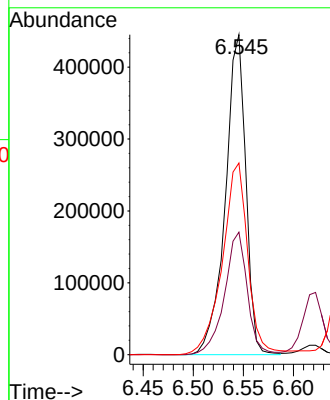
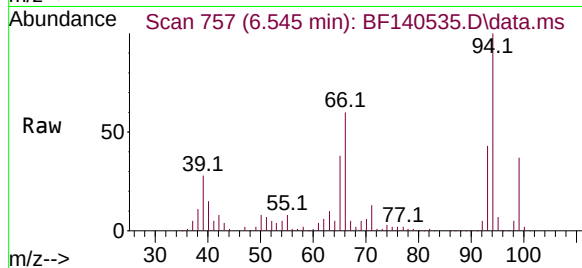




#10
Phenol
Concen: 71.609 ng
RT: 6.545 min Scan# 710
Delta R.T. 0.018 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

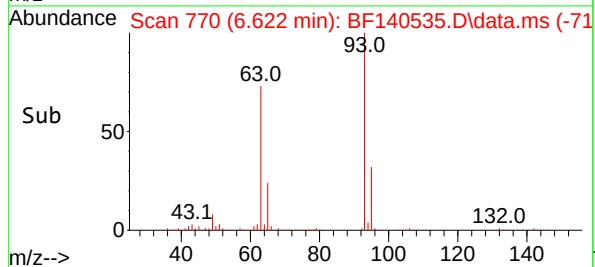
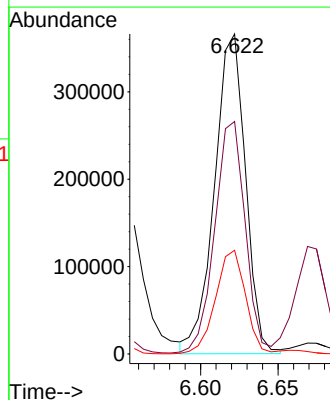
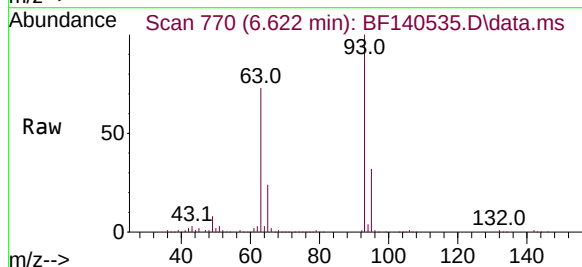
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

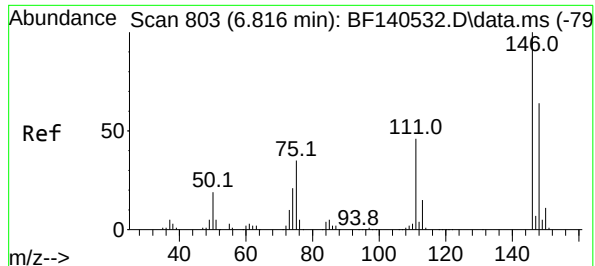
Tgt Ion: 94 Resp: 633910
Ion Ratio Lower Upper
94 100
65 38.3 17.2 57.2
66 59.9 39.2 79.2



#11
bis(2-Chloroethyl)ether
Concen: 75.160 ng
RT: 6.622 min Scan# 770
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 93 Resp: 509142
Ion Ratio Lower Upper
93 100
63 72.6 52.8 92.8
95 32.4 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 72.737 ng

RT: 6.822 min Scan# 803

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

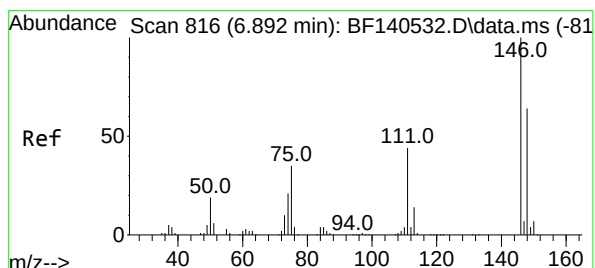
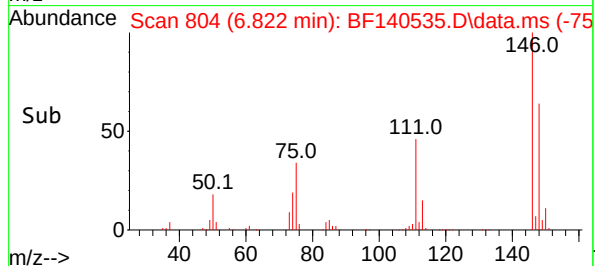
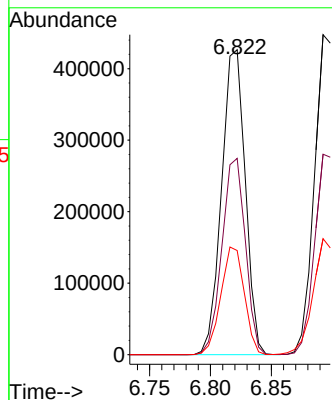
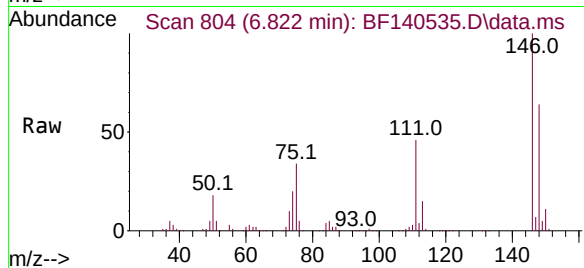
Tgt Ion:146 Resp: 576538

Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

75 34.2 28.2 42.2



#13

1,4-Dichlorobenzene

Concen: 73.253 ng

RT: 6.893 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

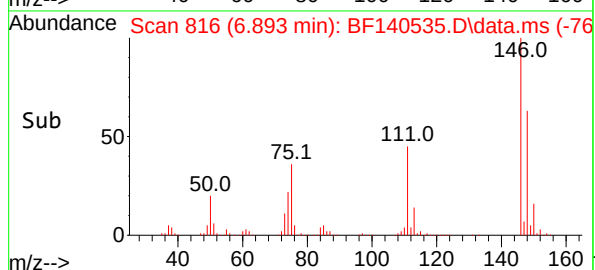
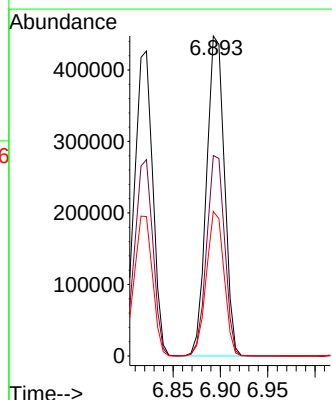
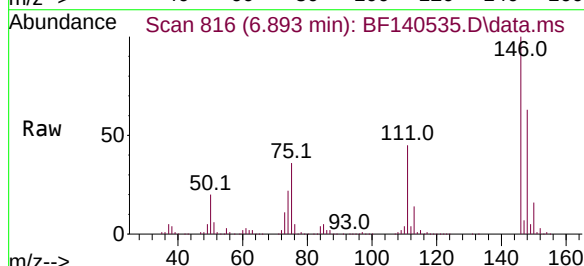
Tgt Ion:146 Resp: 587901

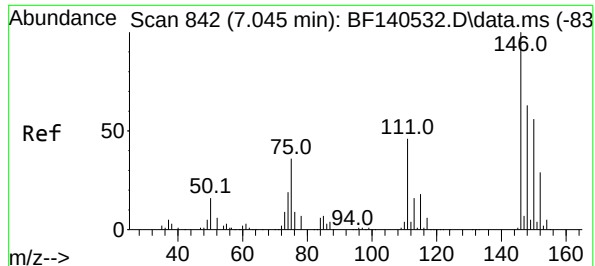
Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.6

111 45.1 35.3 52.9





#14

1,2-Dichlorobenzene

Concen: 71.971 ng

RT: 7.051 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

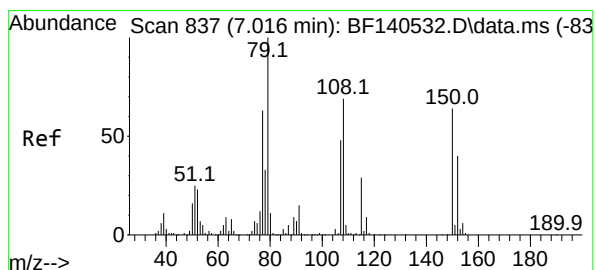
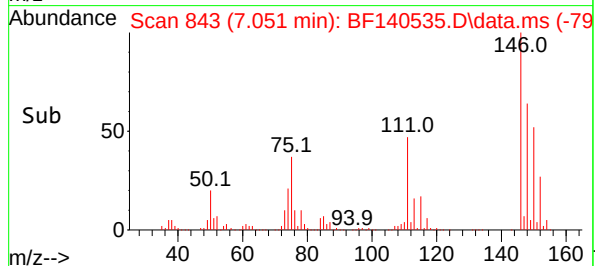
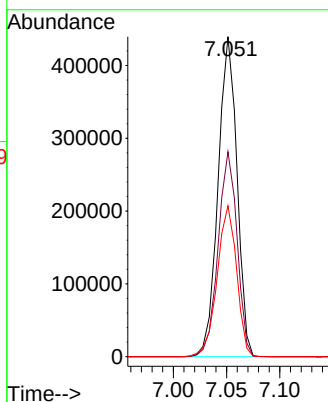
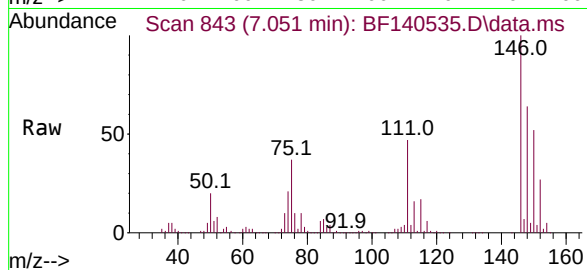
Tgt Ion:146 Resp: 541244

Ion Ratio Lower Upper

146 100

148 64.0 50.5 75.7

111 47.1 36.7 55.1



#15

Benzyl Alcohol

Concen: 72.980 ng

RT: 7.028 min Scan# 839

Delta R.T. 0.012 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

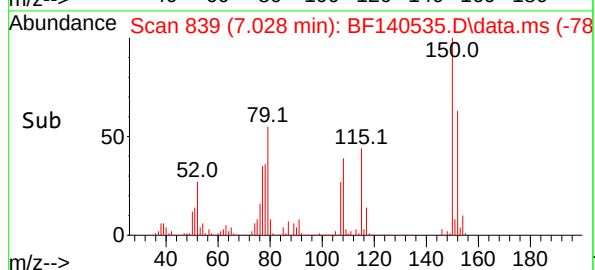
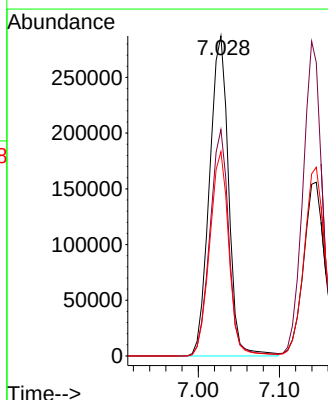
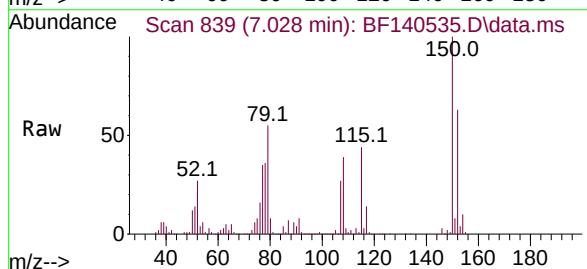
Tgt Ion: 79 Resp: 469135

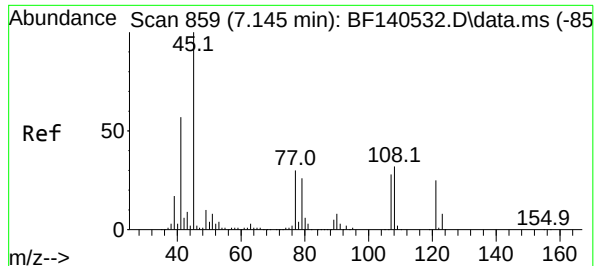
Ion Ratio Lower Upper

79 100

108 70.8 55.0 82.6

77 63.8 50.1 75.1





#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.370 ng

RT: 7.151 min Scan# 8

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

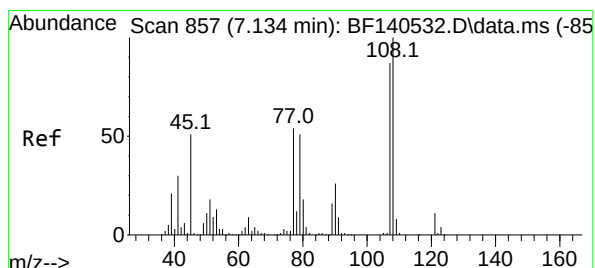
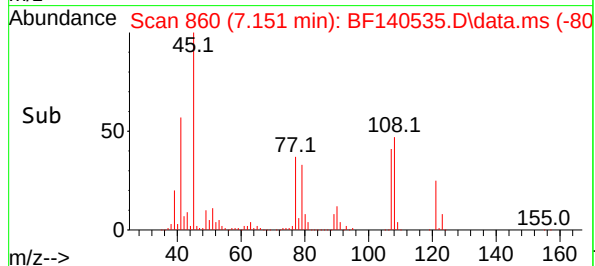
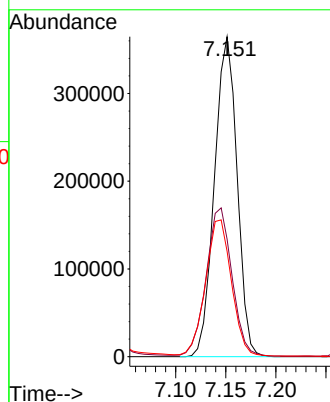
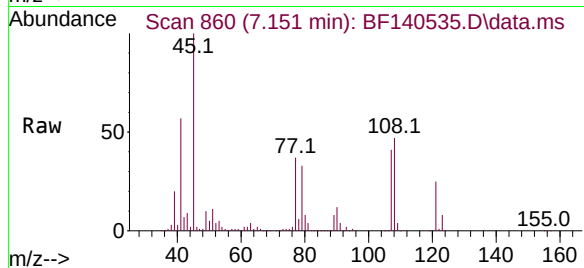
Tgt Ion: 45 Resp: 571163

Ion Ratio Lower Upper

45 100

77 36.8 10.7 50.7

79 32.9 7.0 47.0



#17

2-Methylphenol

Concen: 73.028 ng

RT: 7.140 min Scan# 858

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Tgt Ion:107 Resp: 412367

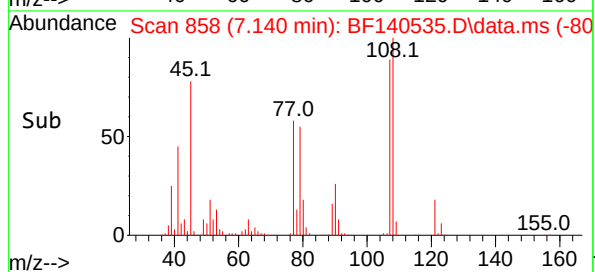
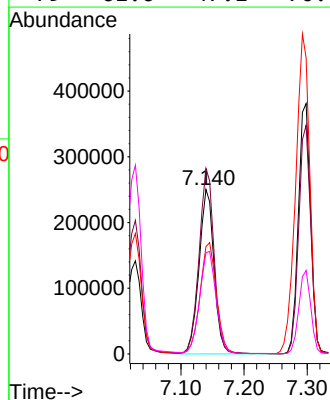
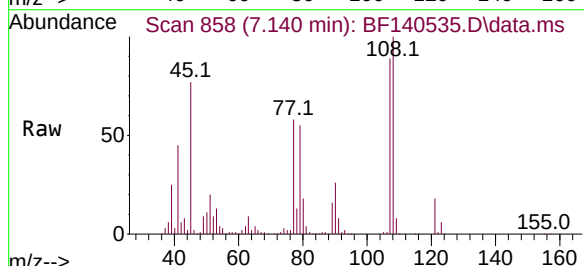
Ion Ratio Lower Upper

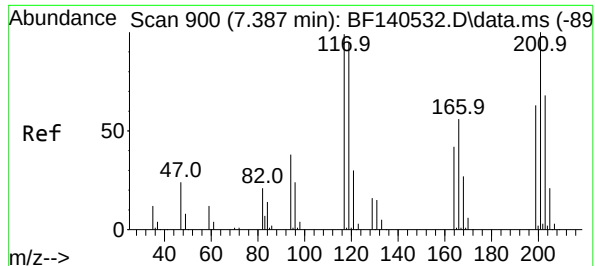
107 100

108 112.9 91.7 137.5

77 65.3 49.3 73.9

79 61.6 47.1 70.7





#18

Hexachloroethane

Concen: 74.489 ng

RT: 7.387 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

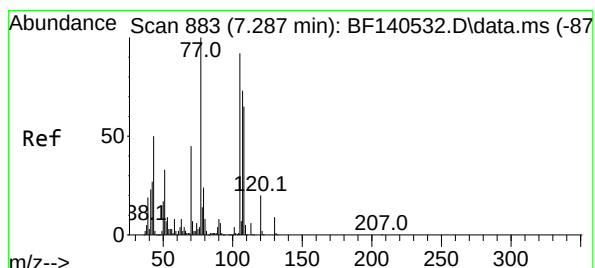
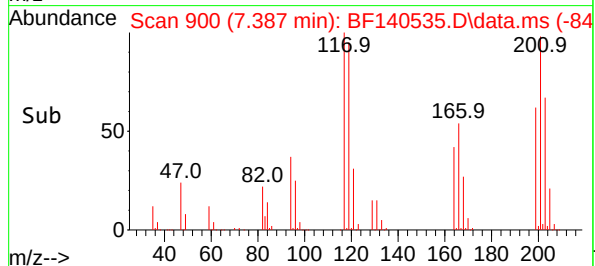
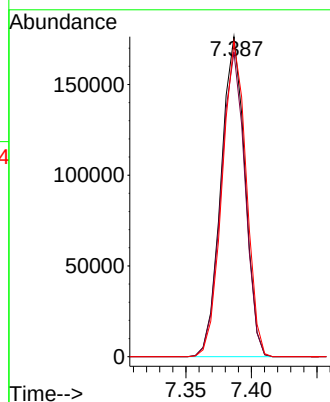
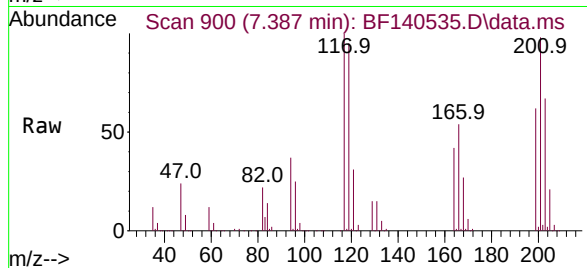
Tgt Ion:117 Resp: 223281

Ion Ratio Lower Upper

117 100

119 95.2 77.1 115.7

201 98.4 81.1 121.7



#19

n-Nitroso-di-n-propylamine

Concen: 72.370 ng

RT: 7.304 min Scan# 886

Delta R.T. 0.018 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Tgt Ion: 70 Resp: 370745

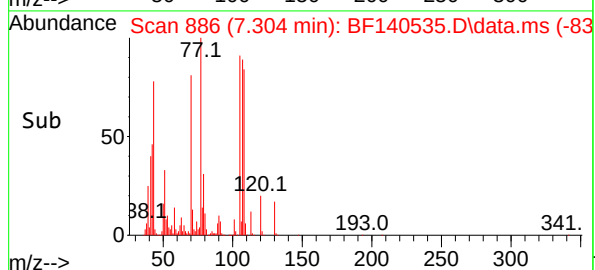
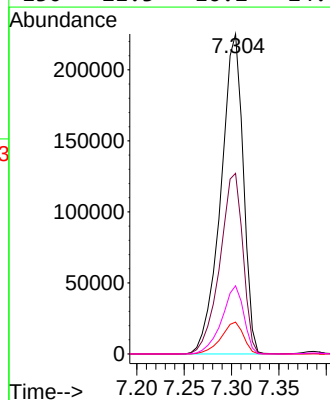
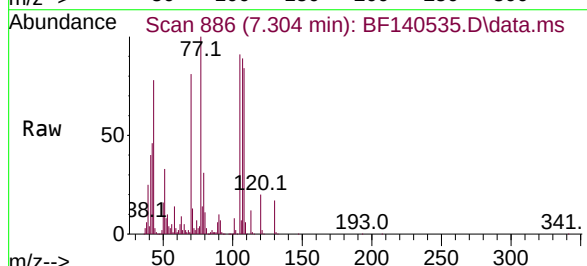
Ion Ratio Lower Upper

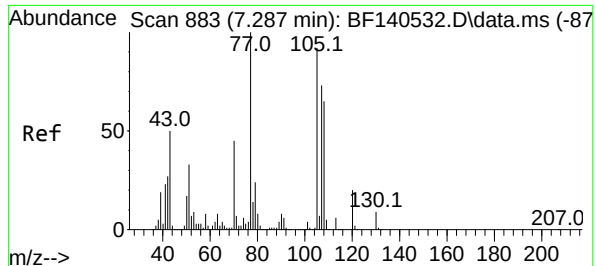
70 100

42 56.4 47.6 71.4

101 10.0 7.6 11.4

130 21.3 16.2 24.4

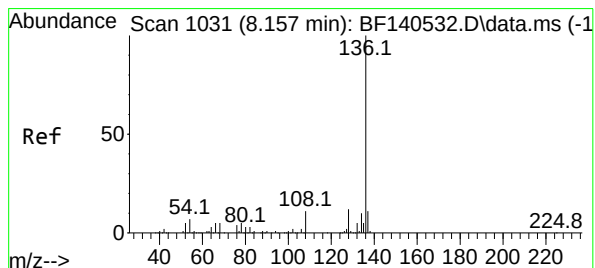
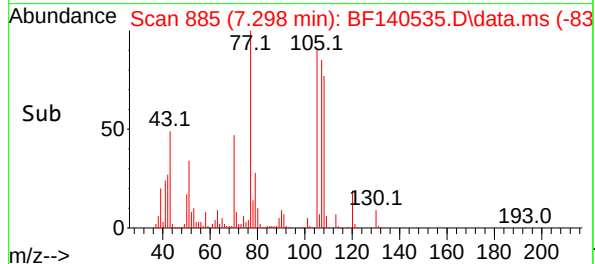
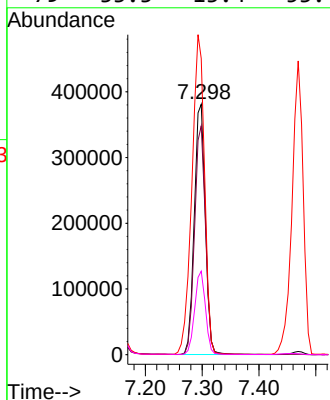
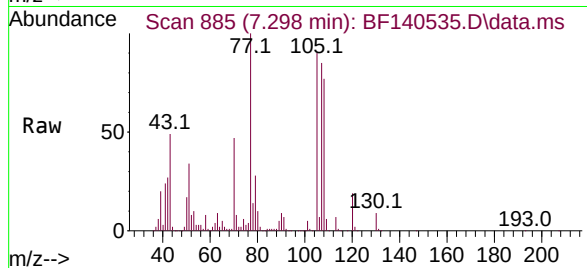




#20
3+4-Methylphenols
Concen: 71.155 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

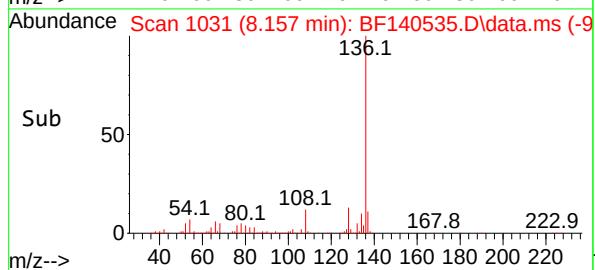
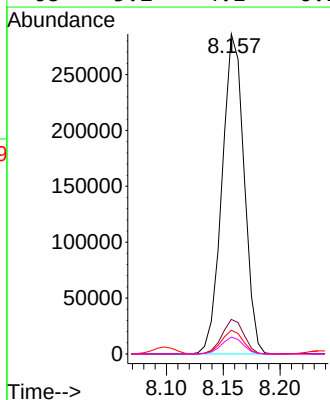
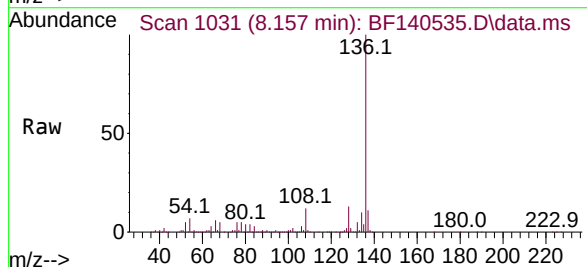
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

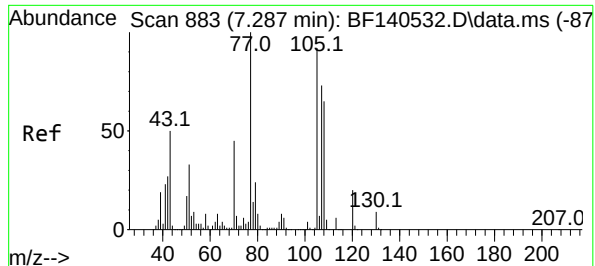
Tgt Ion:107 Resp: 516442
Ion Ratio Lower Upper
107 100
108 91.3 69.9 109.9
77 118.2 117.7 157.7
79 33.3 13.4 53.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:136 Resp: 386311
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.4 5.8 8.8
68 5.2 4.1 6.1

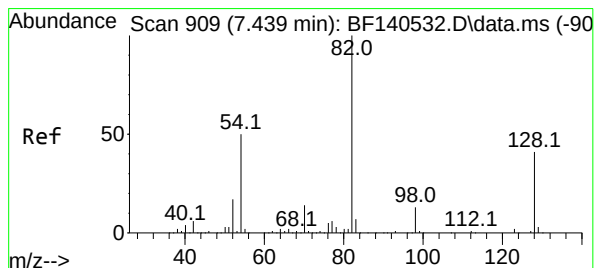
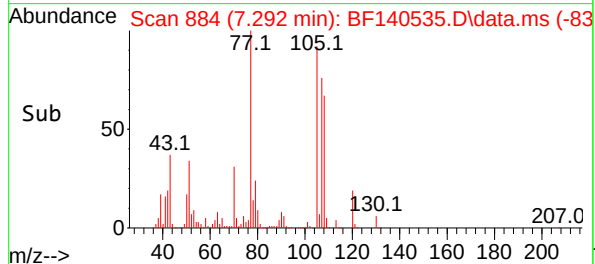
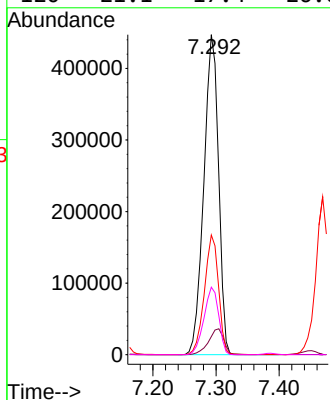
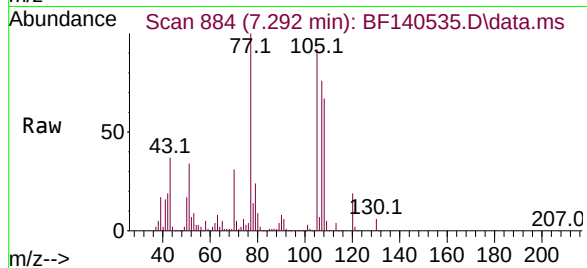




#22
Acetophenone
Concen: 76.727 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

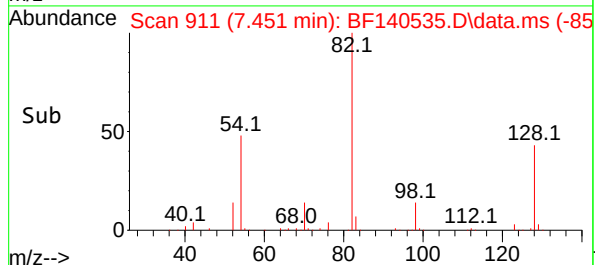
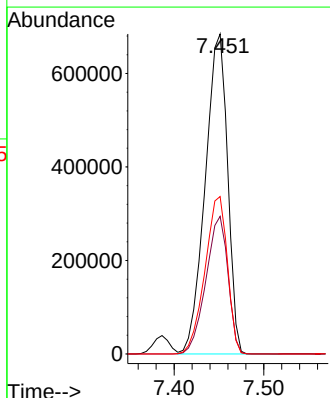
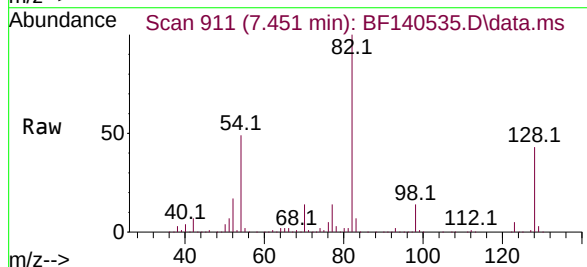
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

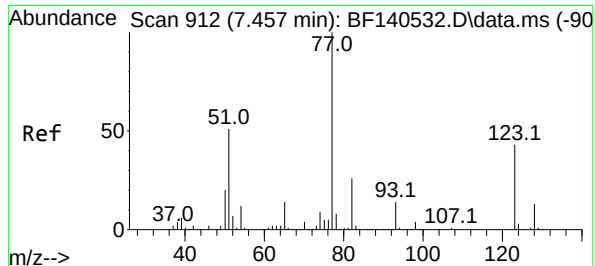
Tgt Ion:105 Resp: 722622
Ion Ratio Lower Upper
105 100
71 5.6 6.2 9.2#
51 37.4 29.0 43.6
120 21.1 17.4 26.0



#23
Nitrobenzene-d5
Concen: 156.830 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 82 Resp: 1184453
Ion Ratio Lower Upper
82 100
128 43.0 33.0 49.4
54 49.2 39.5 59.3

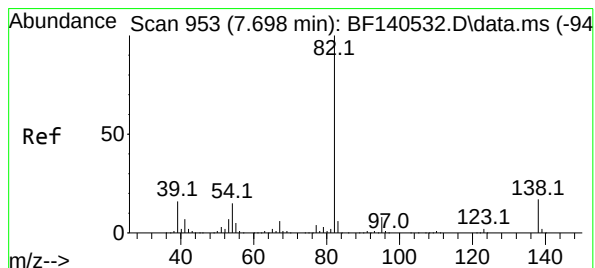
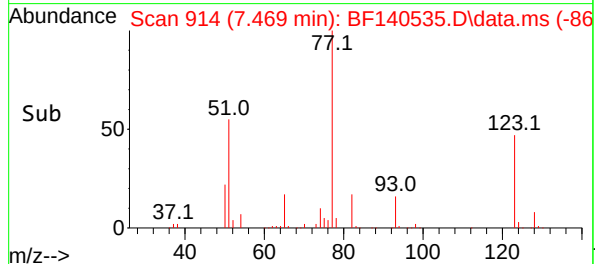
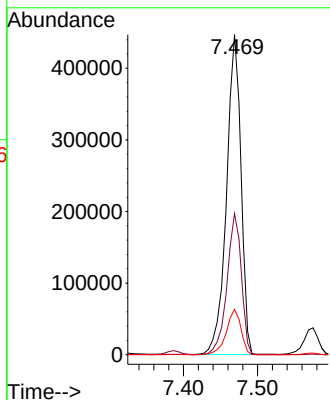
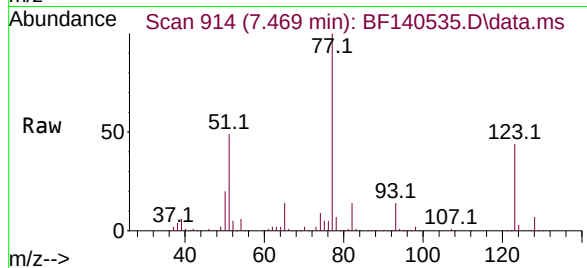




#24
Nitrobenzene
Concen: 77.534 ng
RT: 7.469 min Scan# 912
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

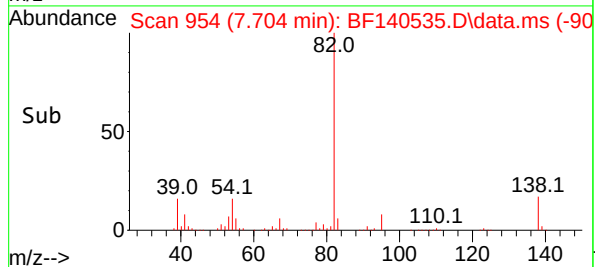
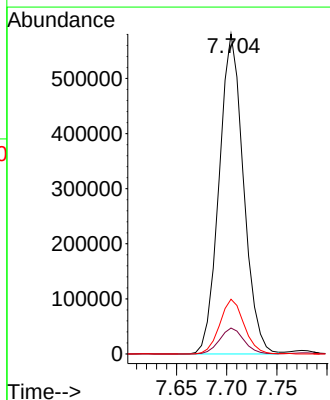
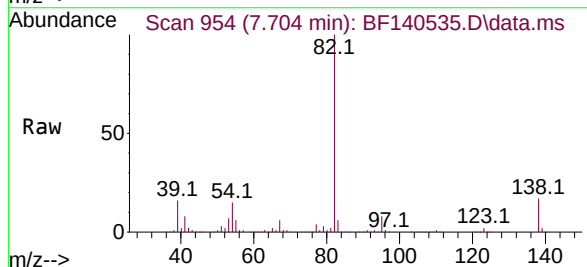
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

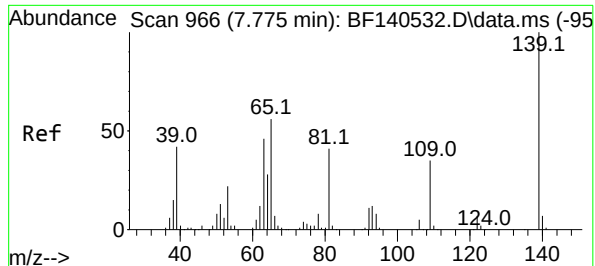
Tgt Ion: 77 Resp: 605207
Ion Ratio Lower Upper
77 100
123 44.1 34.3 51.5
65 14.2 11.2 16.8



#25
Isophorone
Concen: 77.937 ng
RT: 7.704 min Scan# 954
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 82 Resp: 981772
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.1 13.8 20.6





#26

2-Nitrophenol

Concen: 80.298 ng

RT: 7.775 min Scan# 9

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

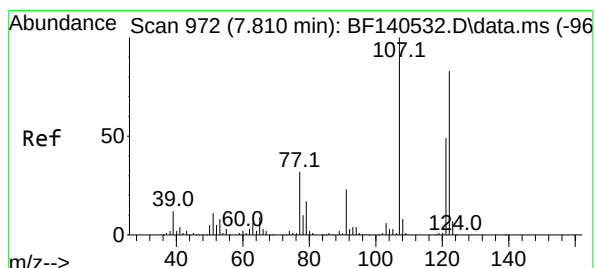
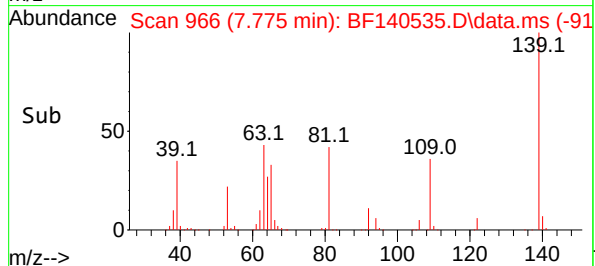
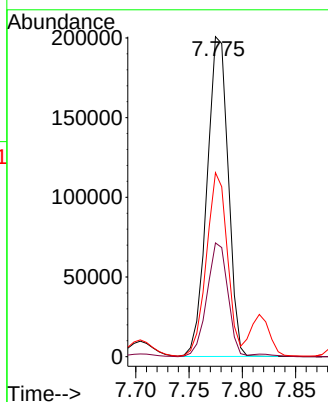
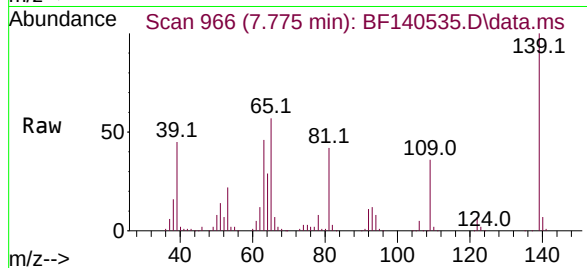
Tgt Ion:139 Resp: 277762

Ion Ratio Lower Upper

139 100

109 35.5 28.0 42.0

65 57.5 44.6 67.0



#27

2,4-Dimethylphenol

Concen: 81.241 ng

RT: 7.816 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

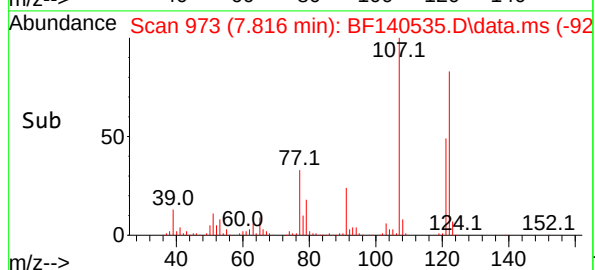
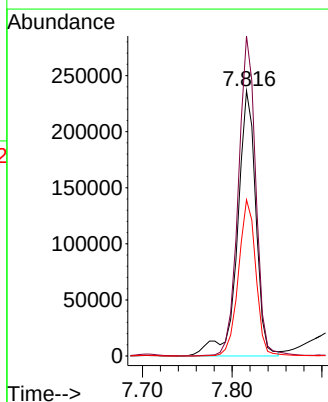
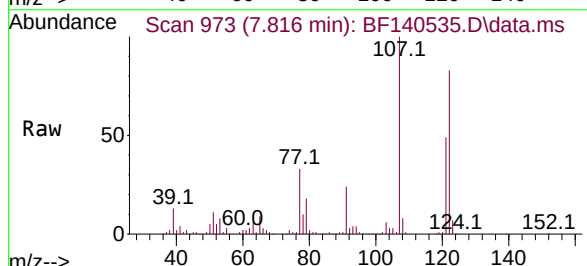
Tgt Ion:122 Resp: 336239

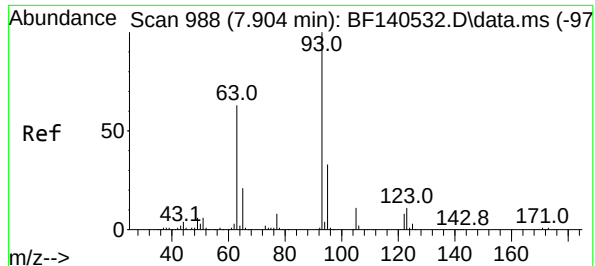
Ion Ratio Lower Upper

122 100

107 120.7 96.8 145.2

121 58.9 47.4 71.0





#28

bis(2-Chloroethoxy)methane

Concen: 77.128 ng

RT: 7.904 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

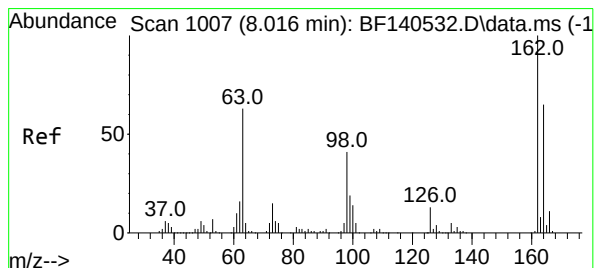
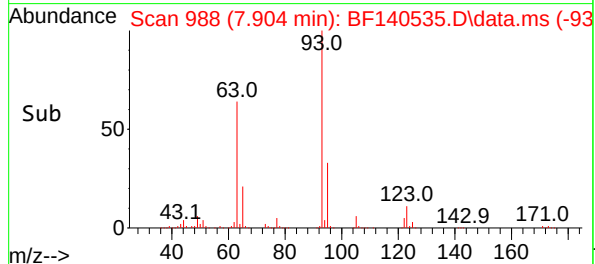
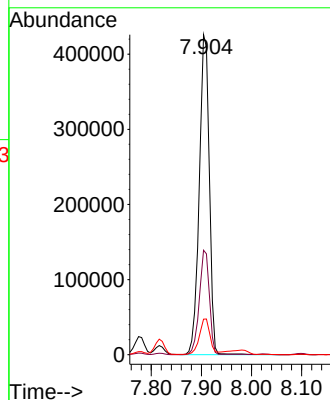
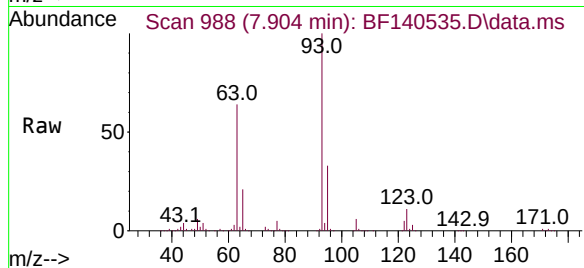
Tgt Ion: 93 Resp: 591884

Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.1 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 76.344 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

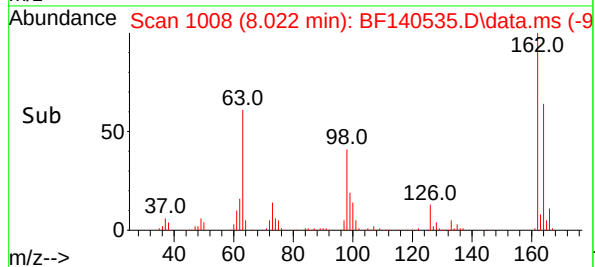
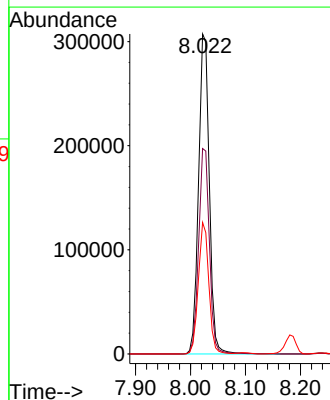
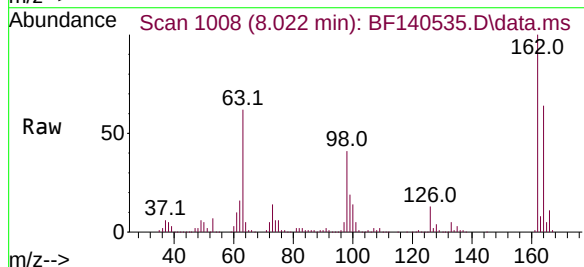
Tgt Ion: 162 Resp: 418686

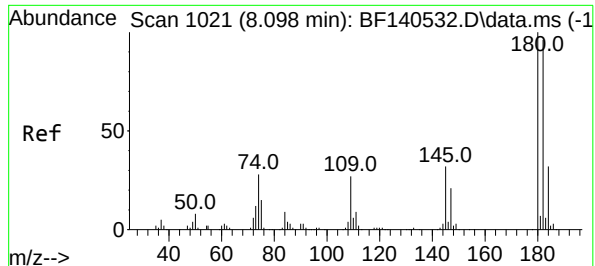
Ion Ratio Lower Upper

162 100

164 64.2 44.8 84.8

98 41.1 21.2 61.2





#30

1,2,4-Trichlorobenzene

Concen: 76.997 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

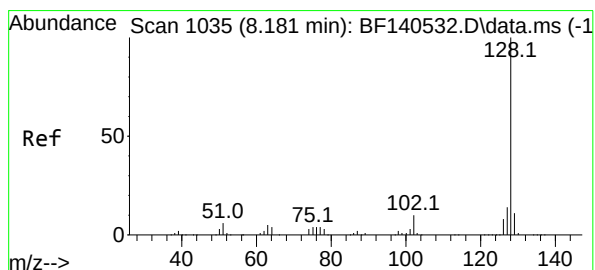
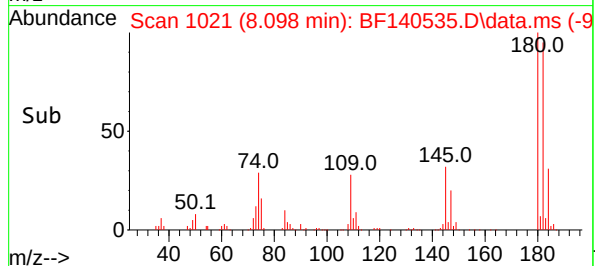
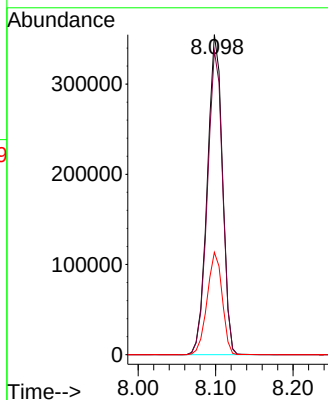
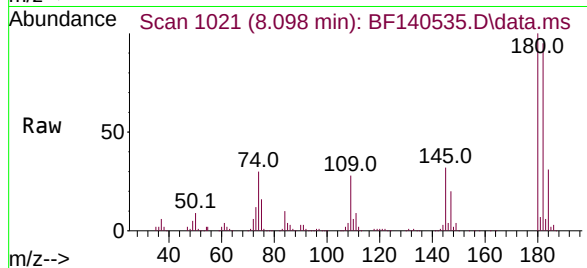
Tgt Ion:180 Resp: 482134

Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 32.0 25.9 38.9



#31

Naphthalene

Concen: 75.309 ng

RT: 8.181 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

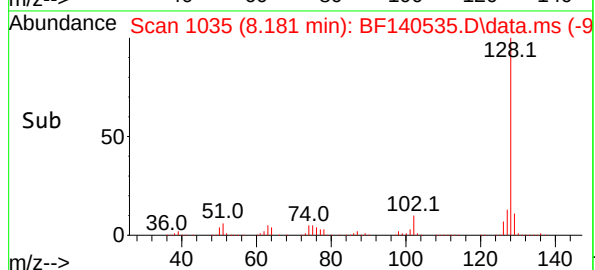
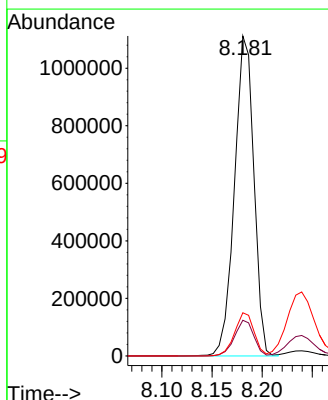
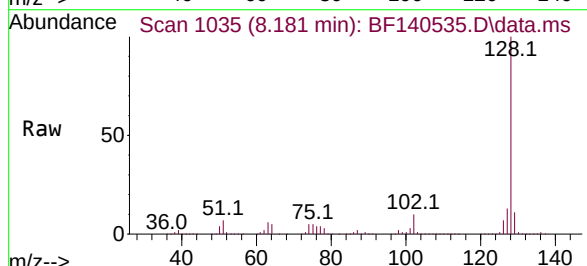
Tgt Ion:128 Resp: 1498520

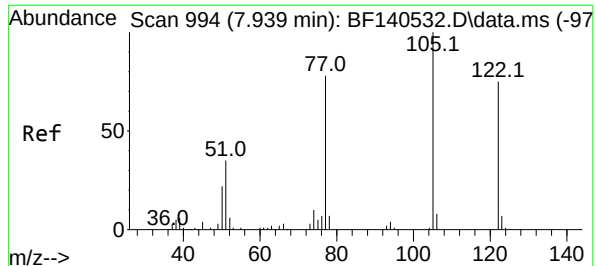
Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.5 10.8 16.2





#32

Benzoic acid

Concen: 81.021 ng

RT: 7.981 min Scan# 1001

Delta R.T. 0.042 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

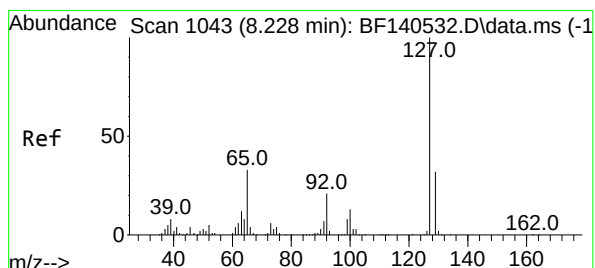
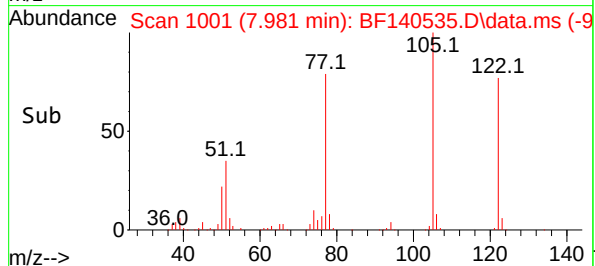
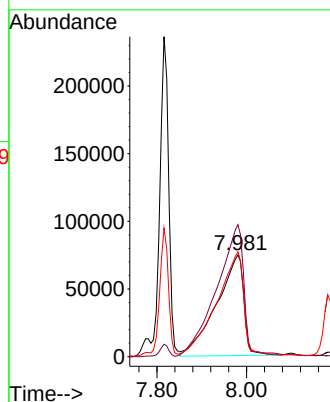
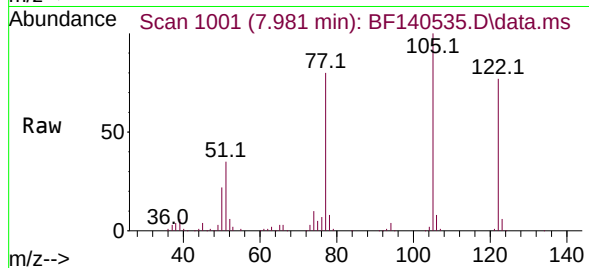
Tgt Ion:122 Resp: 312770

Ion Ratio Lower Upper

122 100

105 129.8 109.3 149.3

77 103.3 82.3 122.3



#33

4-Chloroaniline

Concen: 74.901 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.012 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Tgt Ion:127 Resp: 446235

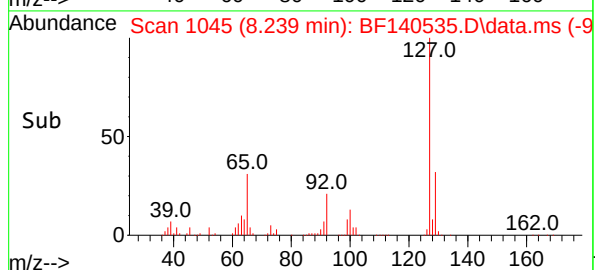
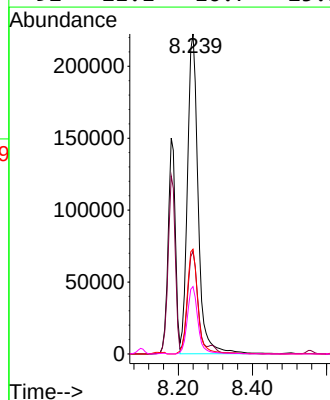
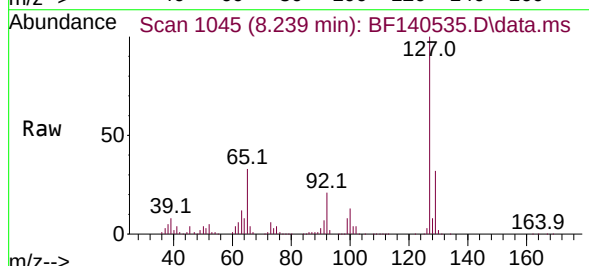
Ion Ratio Lower Upper

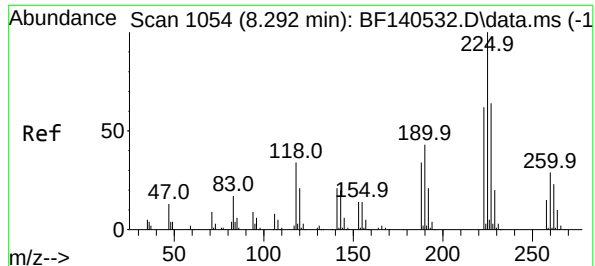
127 100

129 32.1 26.0 39.0

65 32.7 26.0 39.0

92 21.1 16.7 25.1





#34

Hexachlorobutadiene

Concen: 76.179 ng

RT: 8.292 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

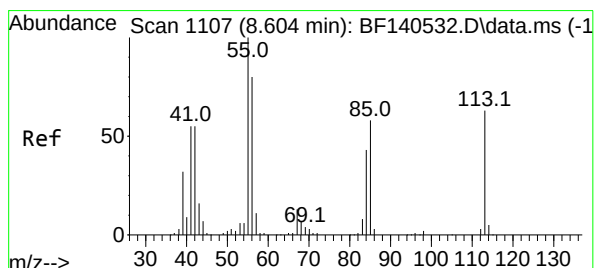
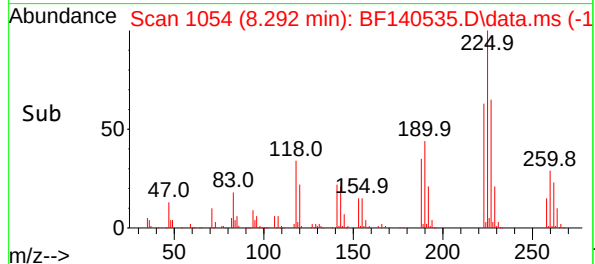
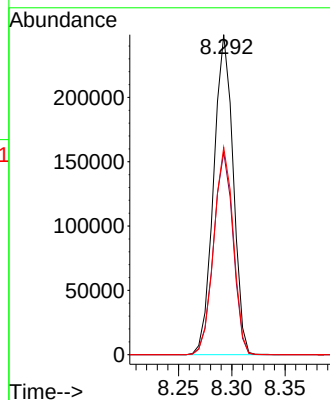
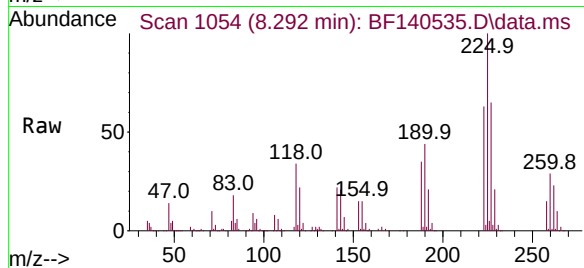
Tgt Ion:225 Resp: 315951

Ion Ratio Lower Upper

225 100

223 63.3 49.8 74.8

227 64.8 51.3 76.9



#35

Caprolactam

Concen: 75.207 ng

RT: 8.634 min Scan# 1112

Delta R.T. 0.029 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

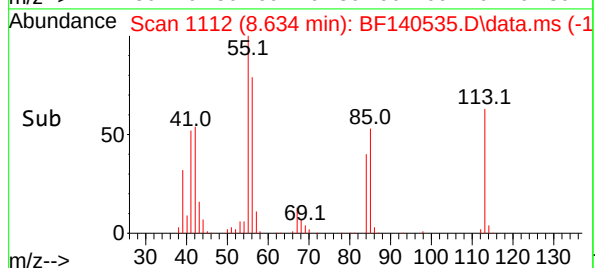
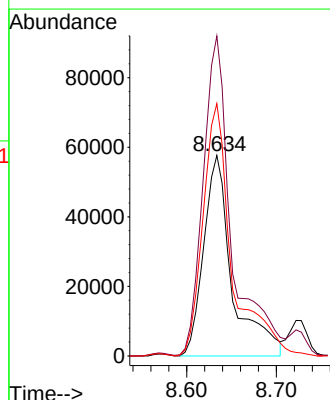
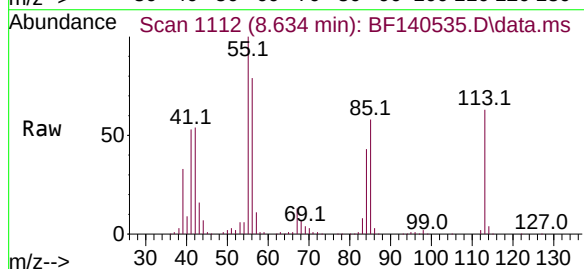
Tgt Ion:113 Resp: 127641

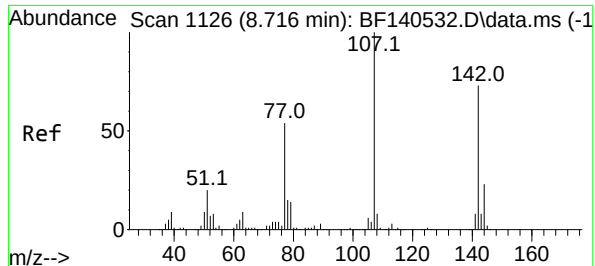
Ion Ratio Lower Upper

113 100

55 159.6 137.7 177.7

56 125.9 106.4 146.4

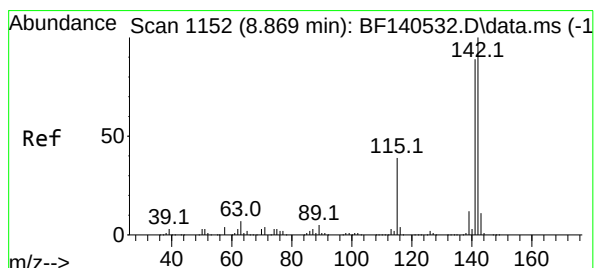
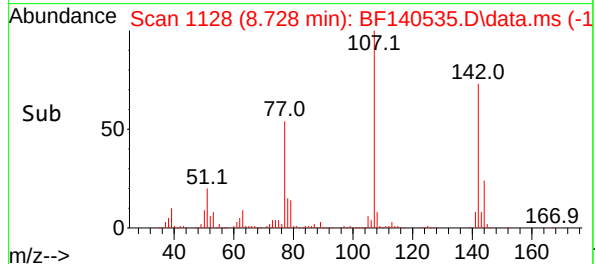
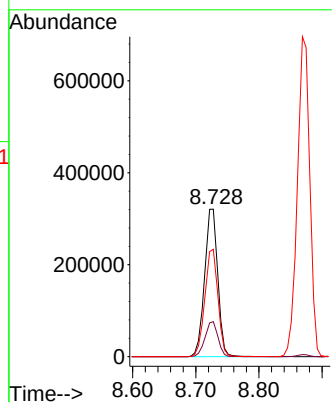
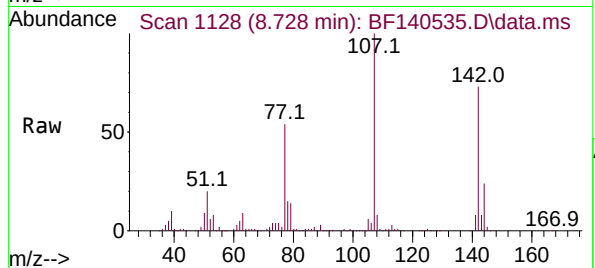




#36
4-Chloro-3-methylphenol
Concen: 75.759 ng
RT: 8.728 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

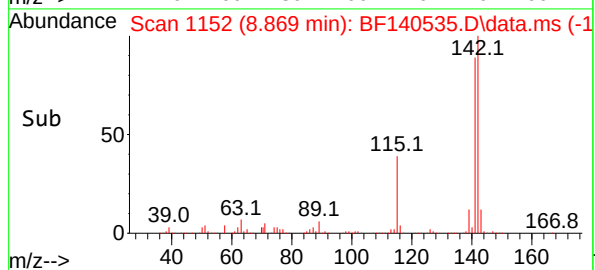
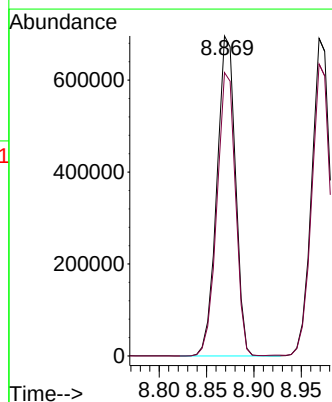
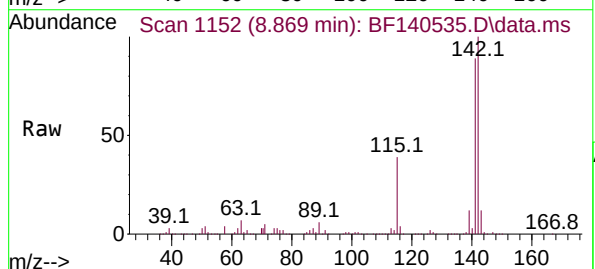
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

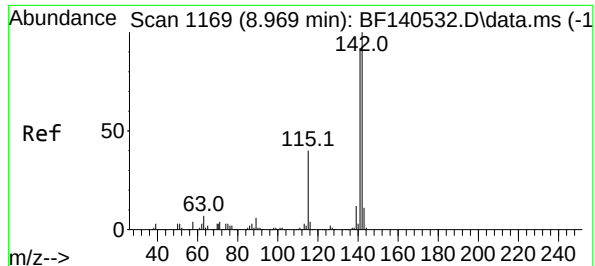
Tgt Ion:107 Resp: 465184
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 72.8 58.3 87.5



#37
2-Methylnaphthalene
Concen: 75.136 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:142 Resp: 949611
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6

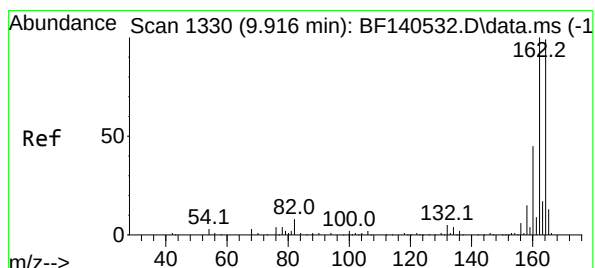
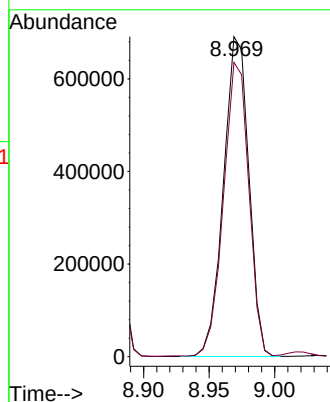
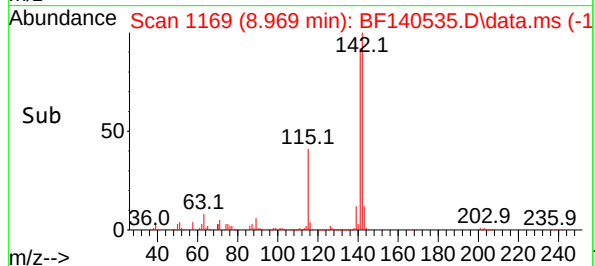
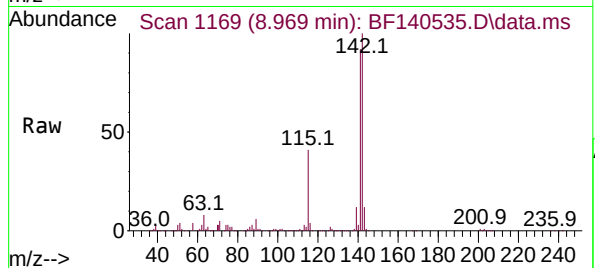




#38
1-Methylnaphthalene
Concen: 74.987 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

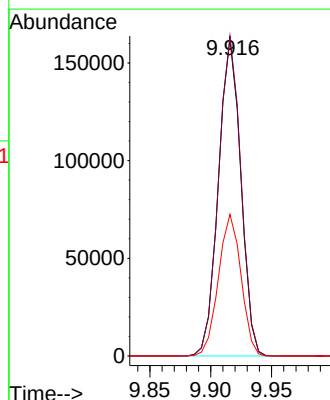
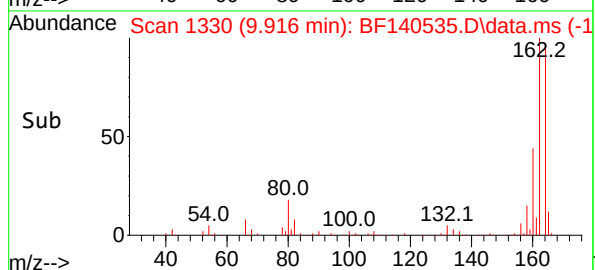
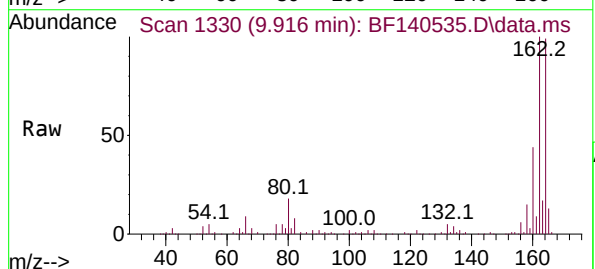
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

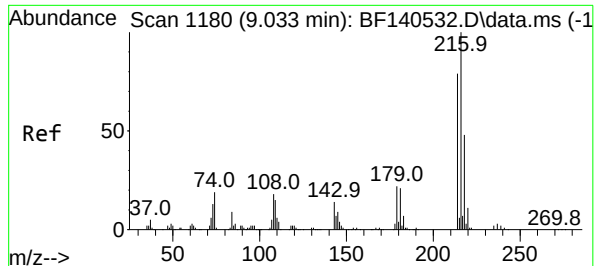
Tgt Ion:142 Resp: 928964
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:164 Resp: 207499
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.7 36.2 54.4

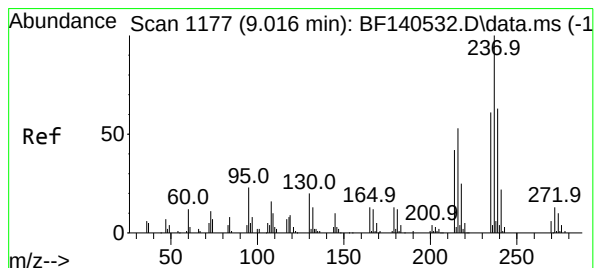
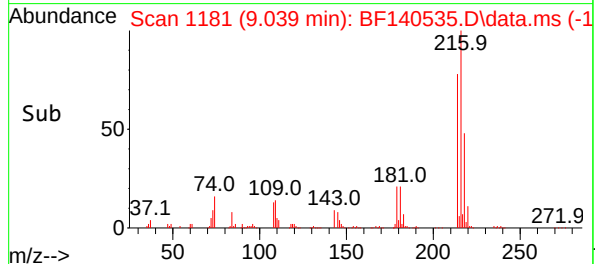
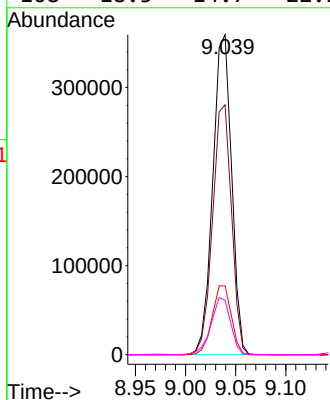
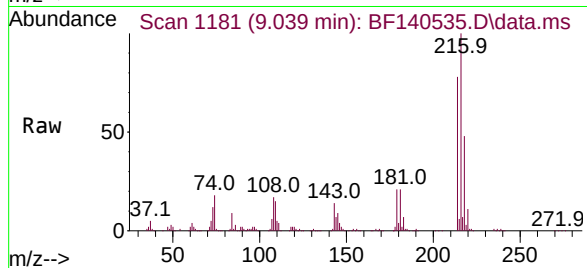




#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.147 ng
RT: 9.039 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

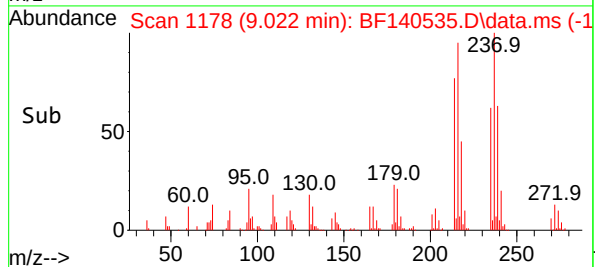
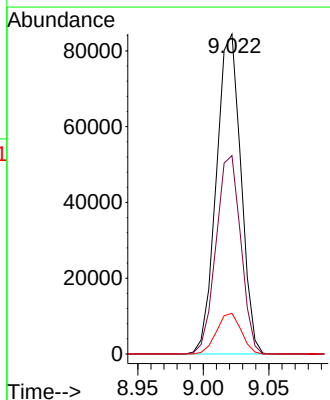
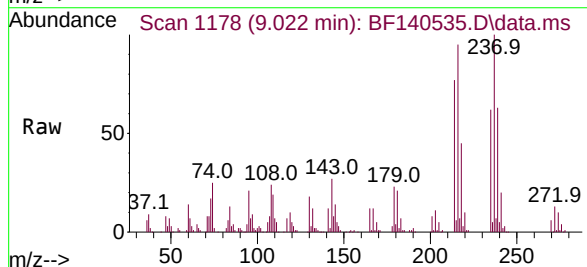
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

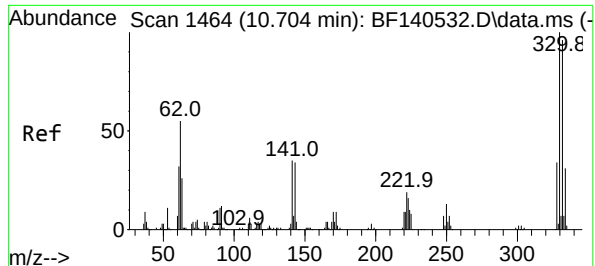
Tgt Ion:216 Resp: 468632
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 21.9 17.5 26.3
108 18.5 14.7 22.1



#41
Hexachlorocyclopentadiene
Concen: 80.520 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:237 Resp: 110015
Ion Ratio Lower Upper
237 100
235 62.0 41.1 81.1
272 12.7 0.0 32.6





#42

2,4,6-Tribromophenol

Concen: 157.926 ng

RT: 10.710 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

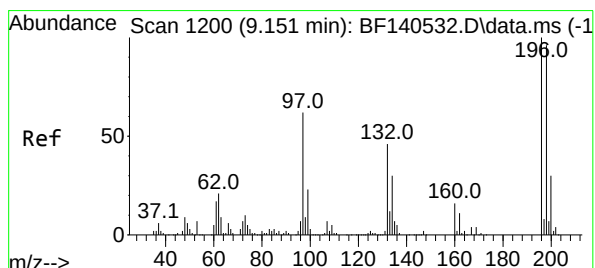
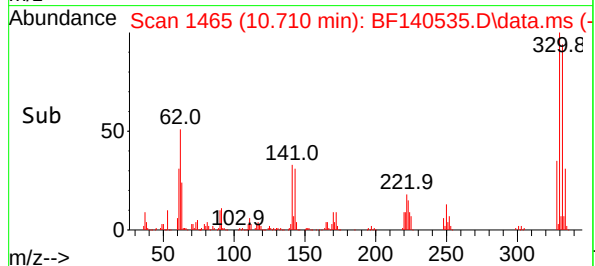
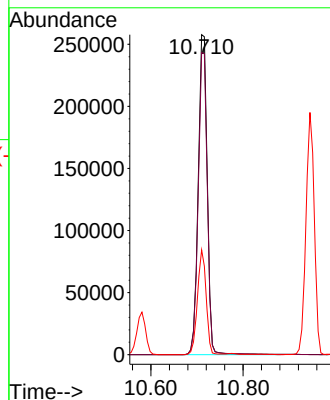
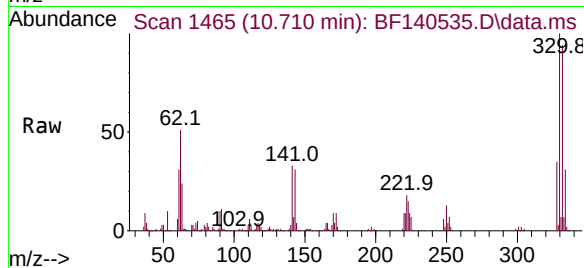
Tgt Ion:330 Resp: 350473

Ion Ratio Lower Upper

330 100

332 94.7 76.9 115.3

141 31.4 26.7 40.1



#43

2,4,6-Trichlorophenol

Concen: 79.446 ng

RT: 9.157 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

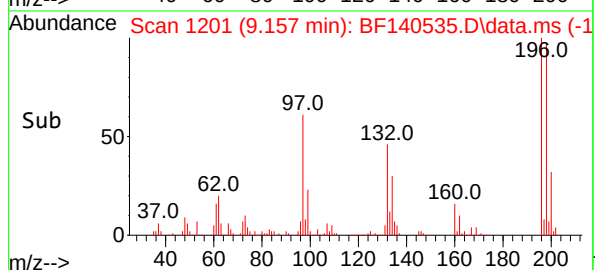
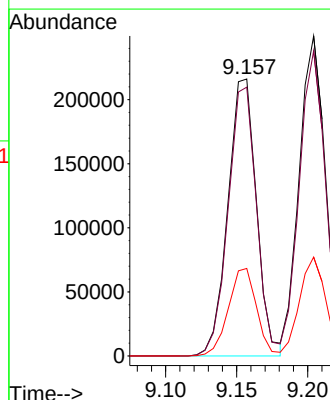
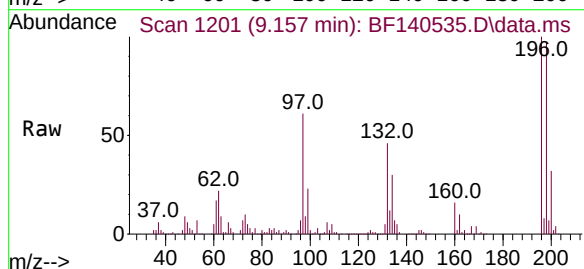
Tgt Ion:196 Resp: 302826

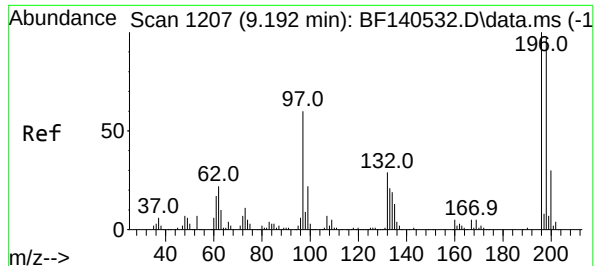
Ion Ratio Lower Upper

196 100

198 97.0 76.8 115.2

200 31.6 24.3 36.5

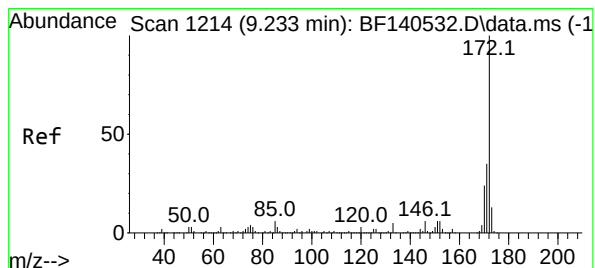
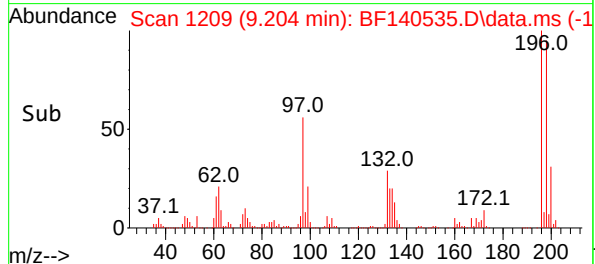
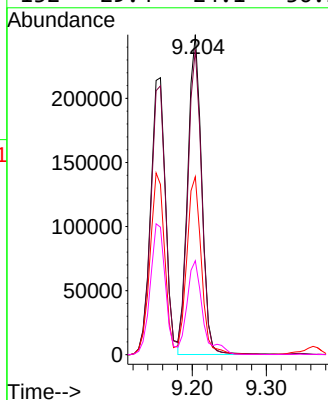
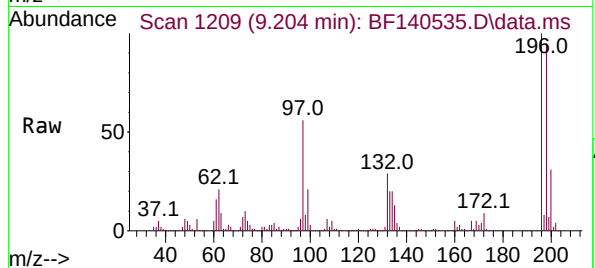




#44
2,4,5-Trichlorophenol
Concen: 78.696 ng
RT: 9.204 min Scan# 1207
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

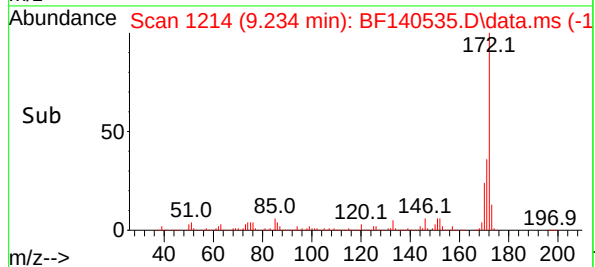
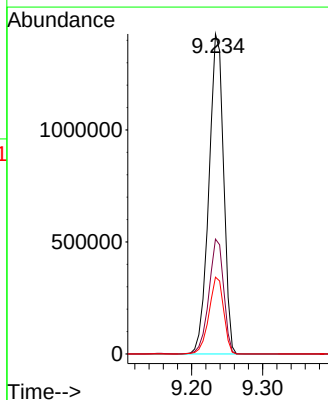
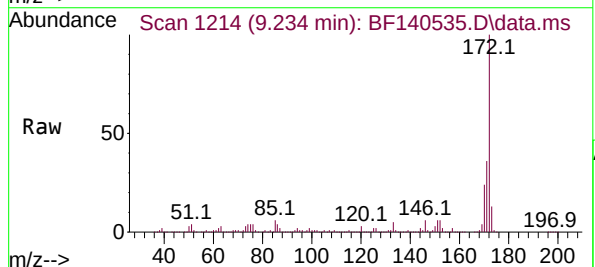
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

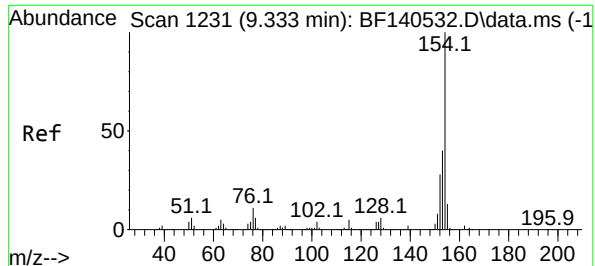
Tgt Ion:196 Resp: 325549
Ion Ratio Lower Upper
196 100
198 95.4 77.2 115.8
97 55.6 47.1 70.7
132 29.4 24.1 36.1



#45
2-Fluorobiphenyl
Concen: 147.236 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:172 Resp: 2050501
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.0 19.0 28.6

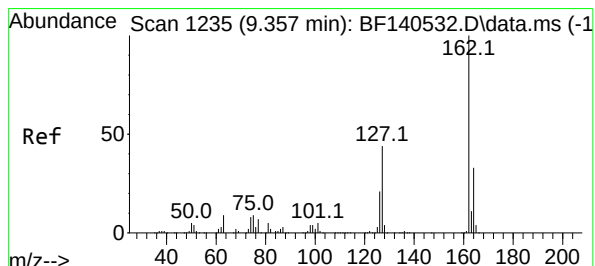
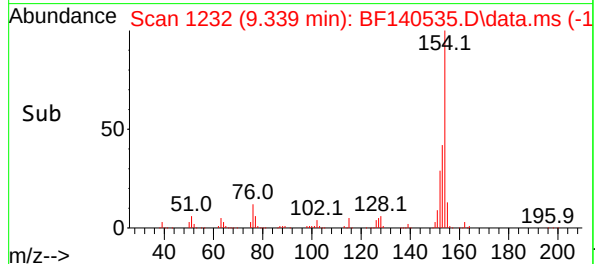
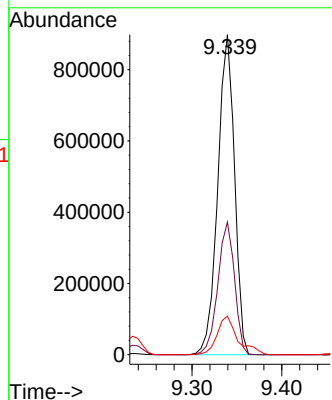
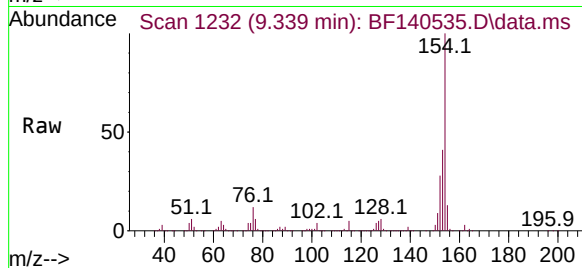




#46
1,1'-Biphenyl
Concen: 75.141 ng
RT: 9.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

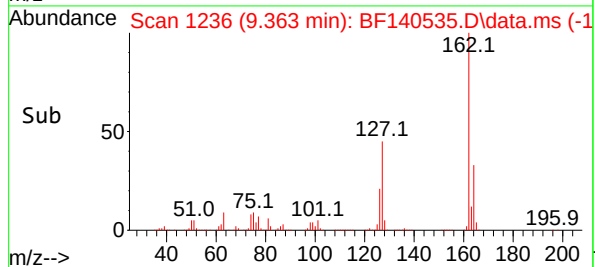
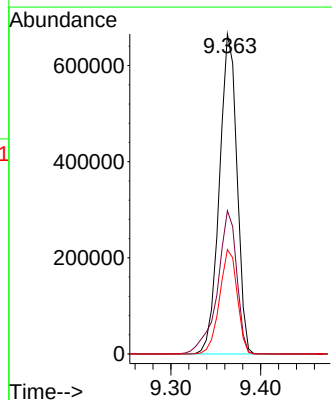
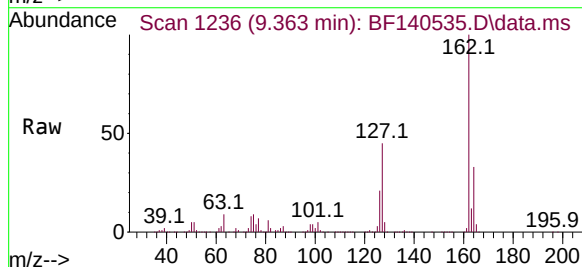
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

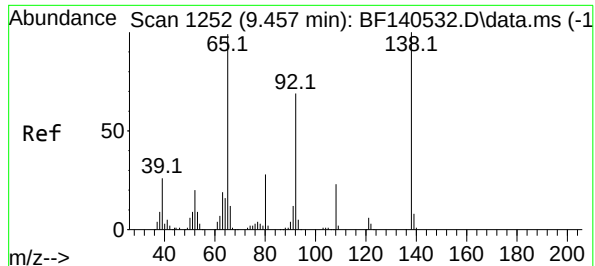
Tgt Ion:154 Resp: 1164092
Ion Ratio Lower Upper
154 100
153 41.5 20.4 60.4
76 12.1 0.0 31.2



#47
2-Chloronaphthalene
Concen: 77.151 ng
RT: 9.363 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:162 Resp: 905645
Ion Ratio Lower Upper
162 100
127 44.7 35.7 53.5
164 32.6 26.1 39.1

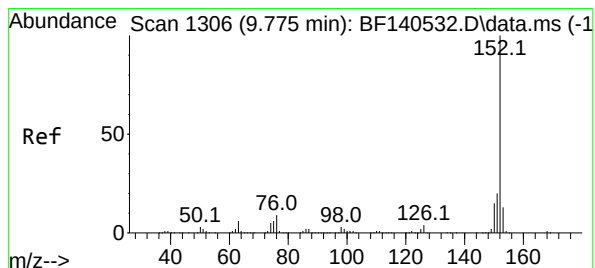
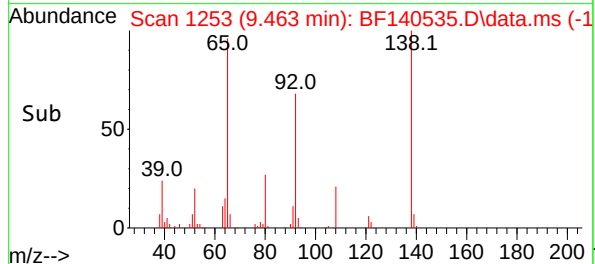
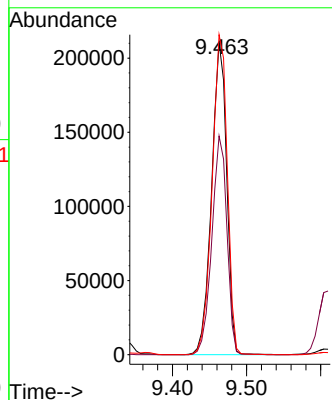
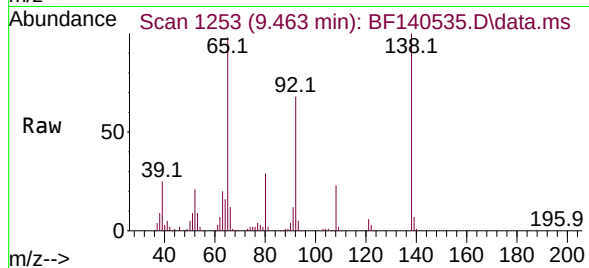




#48
2-Nitroaniline
Concen: 79.040 ng
RT: 9.463 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

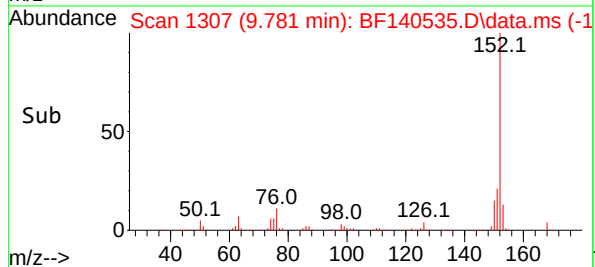
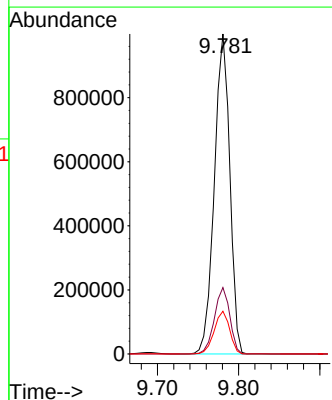
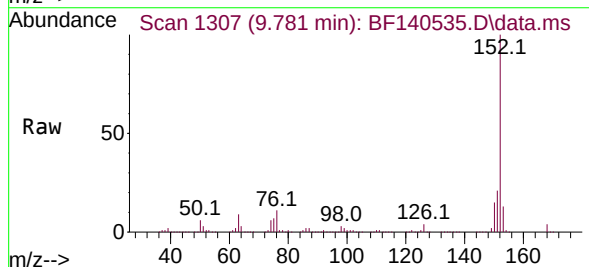
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

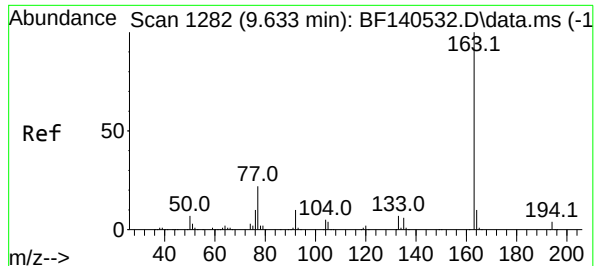
Tgt Ion: 65 Resp: 297813
Ion Ratio Lower Upper
65 100
92 70.1 56.1 84.1
138 102.5 81.0 121.6



#49
Acenaphthylene
Concen: 74.411 ng
RT: 9.781 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 152 Resp: 1319777
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 13.4 10.6 16.0

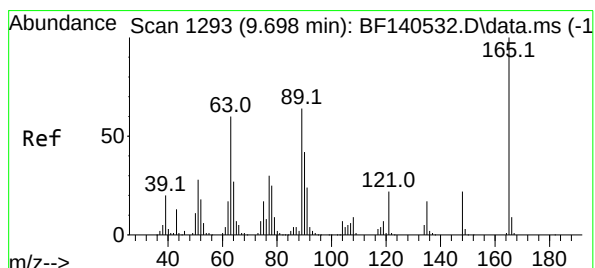
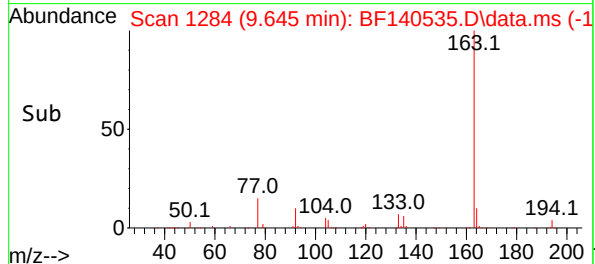
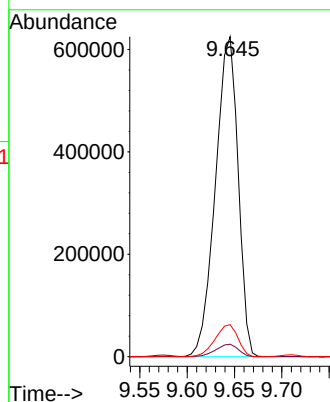
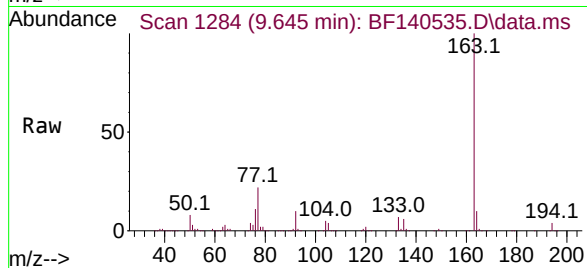




#50
Dimethylphthalate
Concen: 76.177 ng
RT: 9.645 min Scan# 1282
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

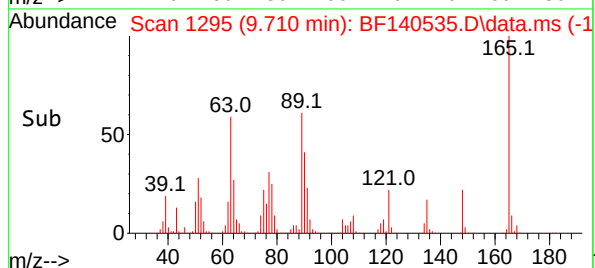
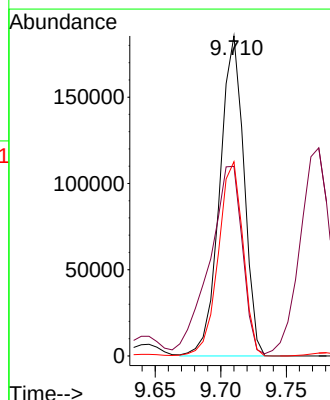
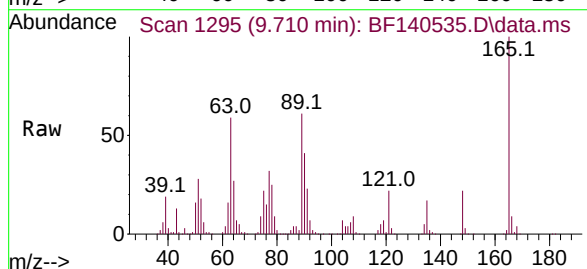
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

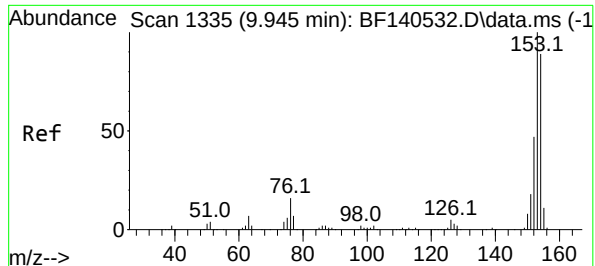
Tgt Ion:163 Resp: 1041011
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 76.693 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

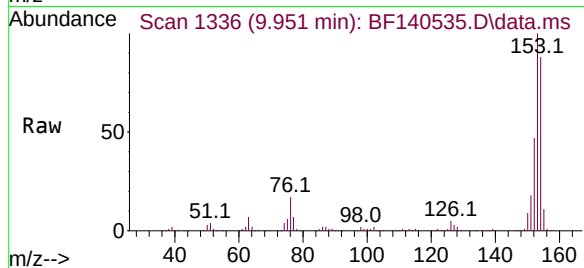
Tgt Ion:165 Resp: 237697
Ion Ratio Lower Upper
165 100
63 59.3 49.9 74.9
89 60.7 50.9 76.3



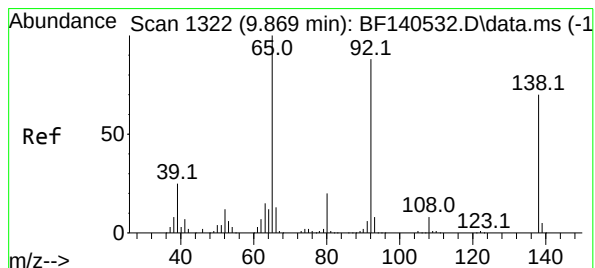
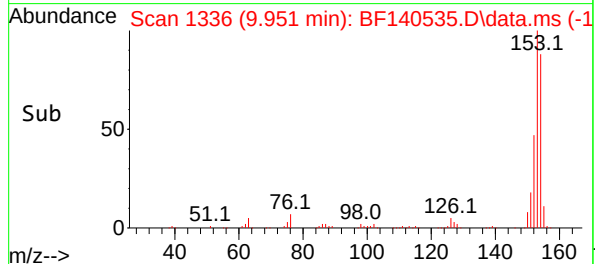
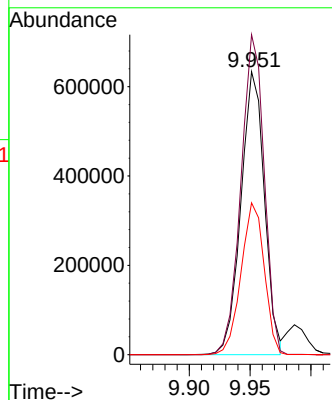


#52
Acenaphthene
Concen: 74.130 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

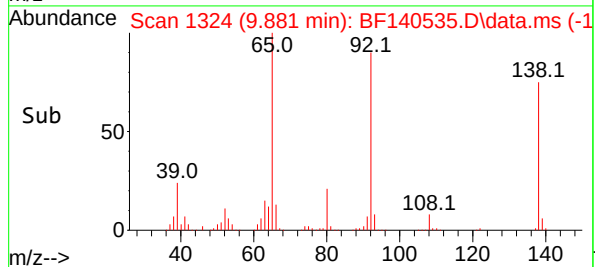
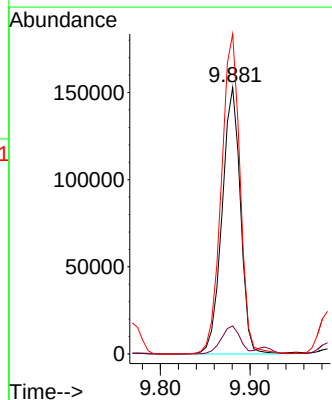
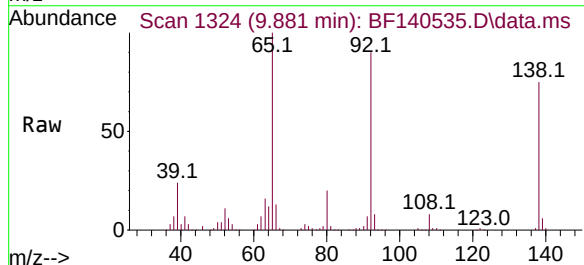


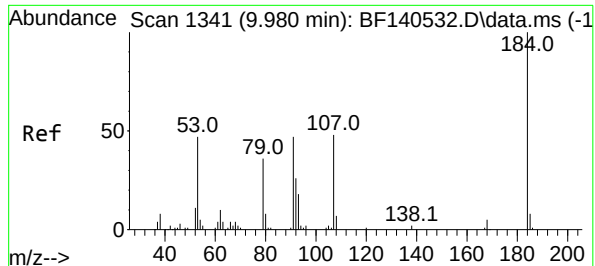
Tgt Ion:154 Resp: 851353
Ion Ratio Lower Upper
154 100
153 113.0 89.7 134.5
152 53.7 42.5 63.7



#53
3-Nitroaniline
Concen: 71.627 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:138 Resp: 217122
Ion Ratio Lower Upper
138 100
108 10.5 9.2 13.8
92 120.0 100.6 150.8





#54

2,4-Dinitrophenol

Concen: 79.725 ng

RT: 9.986 min Scan# 1341

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

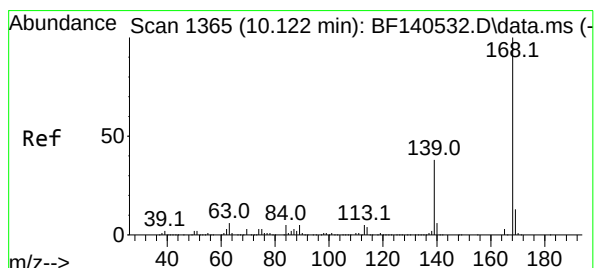
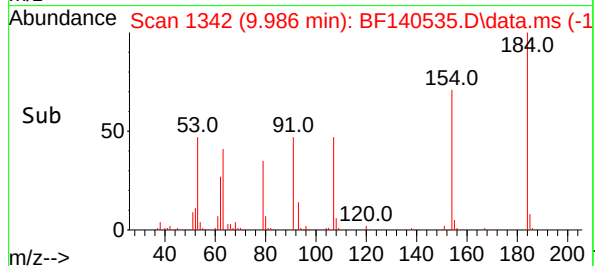
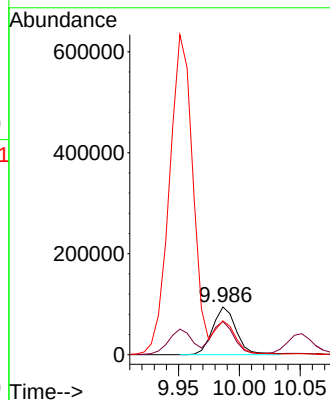
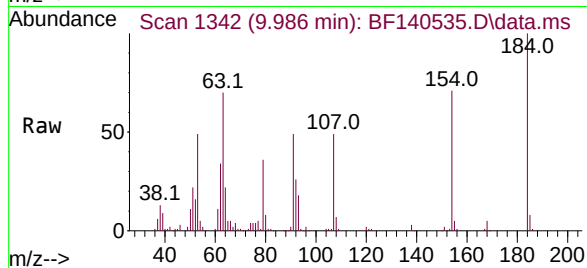
Tgt Ion:184 Resp: 127923

Ion Ratio Lower Upper

184 100

63 69.9 54.1 81.1

154 70.8 57.4 86.0



#55

Dibenzofuran

Concen: 72.868 ng

RT: 10.122 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

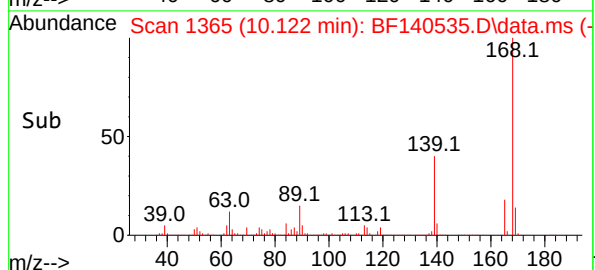
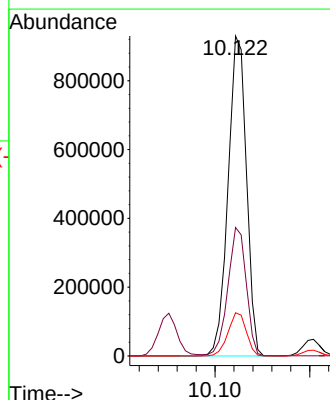
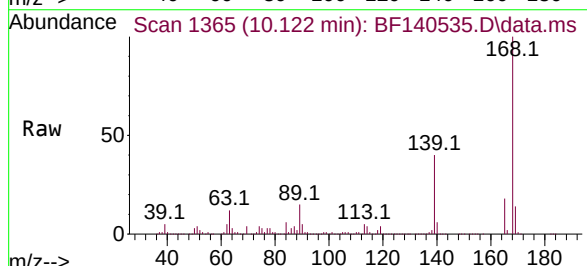
Tgt Ion:168 Resp: 1252581

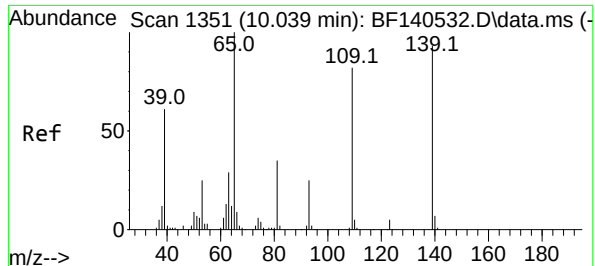
Ion Ratio Lower Upper

168 100

139 40.1 31.3 46.9

169 13.5 10.5 15.7





#56

4-Nitrophenol

Concen: 83.396 ng

RT: 10.051 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

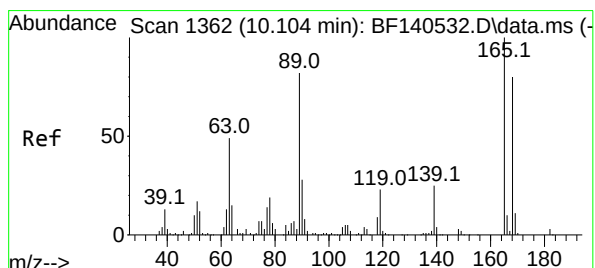
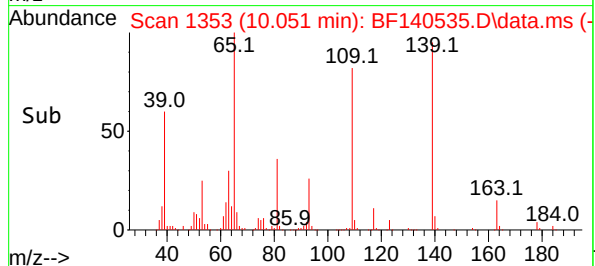
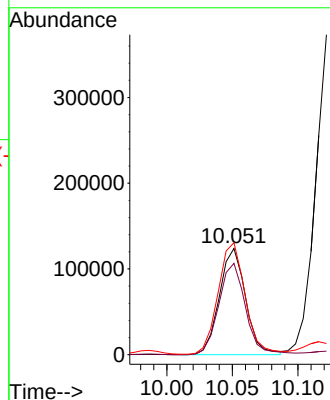
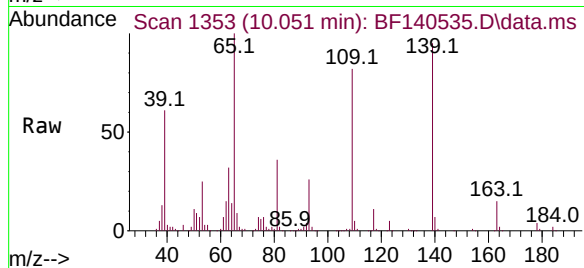
Tgt Ion:139 Resp: 172406

Ion Ratio Lower Upper

139 100

109 86.0 68.4 108.4

65 105.4 88.6 128.6



#57

2,4-Dinitrotoluene

Concen: 76.346 ng

RT: 10.116 min Scan# 1364

Delta R.T. 0.012 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Tgt Ion:165 Resp: 314478

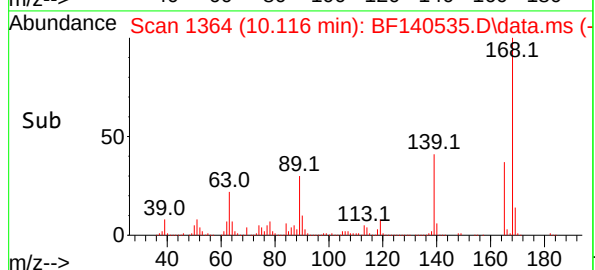
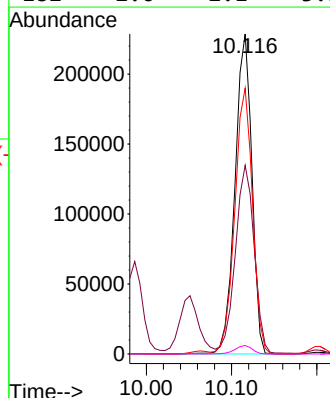
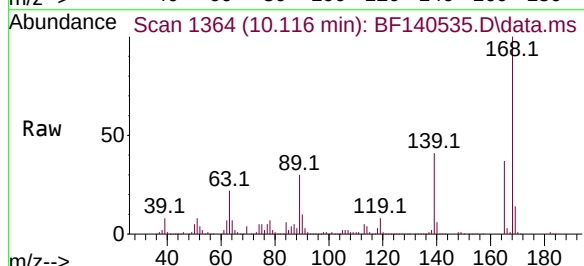
Ion Ratio Lower Upper

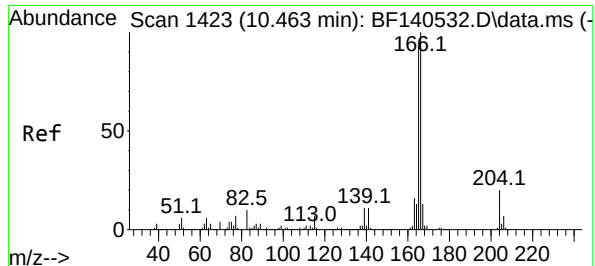
165 100

63 59.0 41.7 62.5

89 83.1 65.8 98.8

182 2.6 2.1 3.1

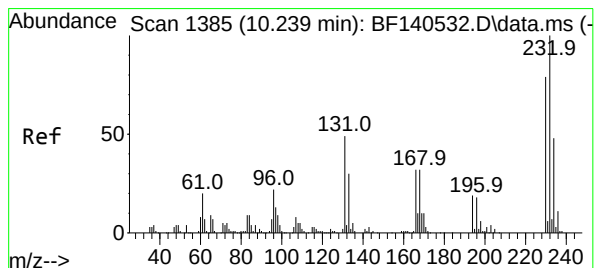
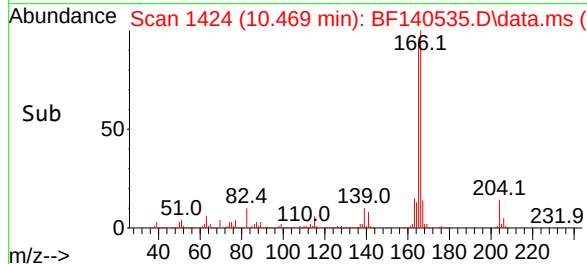
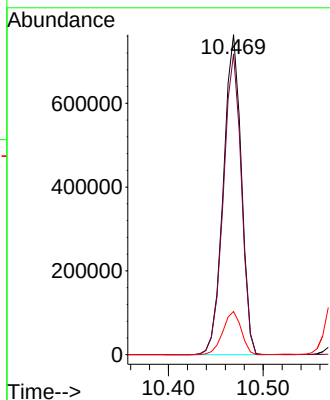
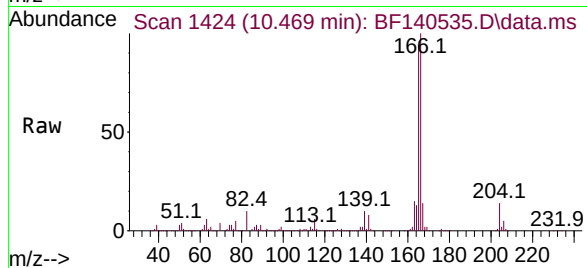




#58
Fluorene
Concen: 72.805 ng
RT: 10.469 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

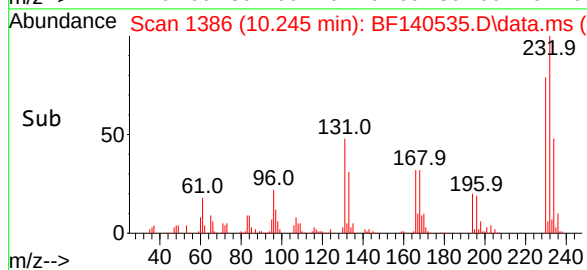
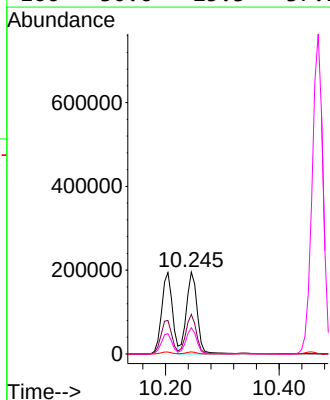
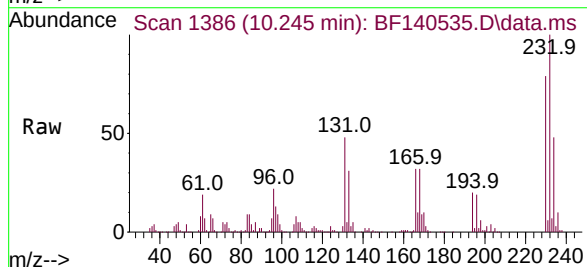
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

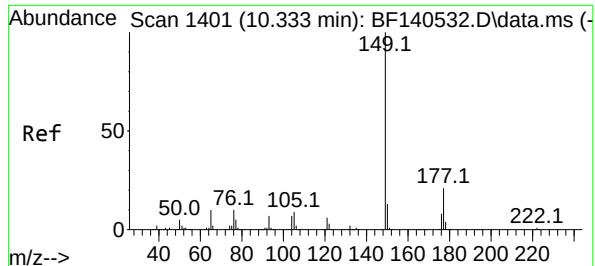
Tgt Ion:166 Resp: 1004537
Ion Ratio Lower Upper
166 100
165 94.0 74.6 111.8
167 13.5 10.6 16.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 81.333 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:232 Resp: 258582
Ion Ratio Lower Upper
232 100
131 47.1 39.6 59.4
130 2.5 1.9 2.9
166 30.6 25.3 37.9





#60

Diethylphthalate

Concen: 73.747 ng

RT: 10.339 min Scan# 1401

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

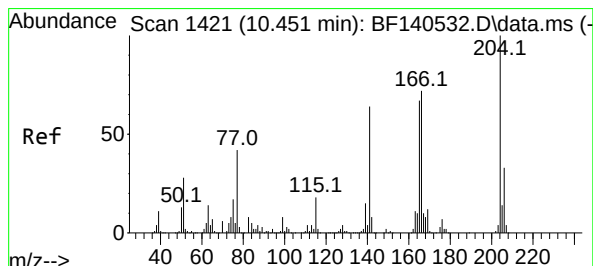
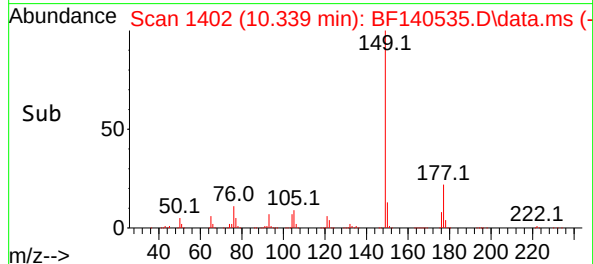
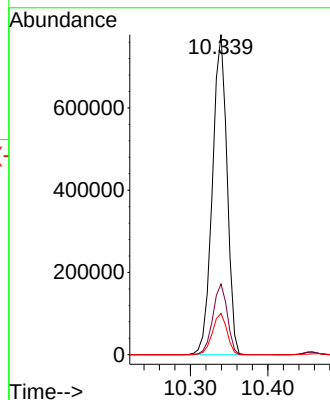
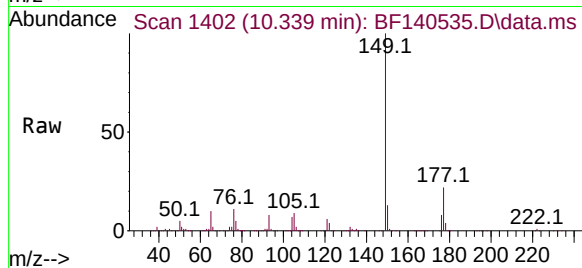
Tgt Ion:149 Resp: 1023948

Ion Ratio Lower Upper

149 100

177 22.1 17.1 25.7

150 12.9 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 73.378 ng

RT: 10.457 min Scan# 1422

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

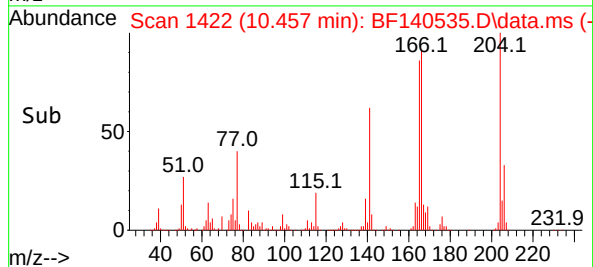
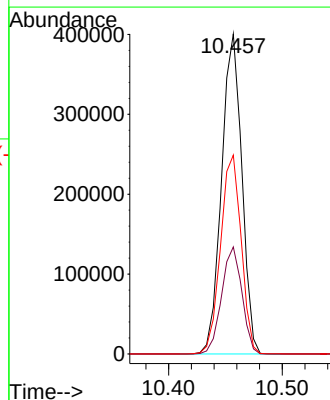
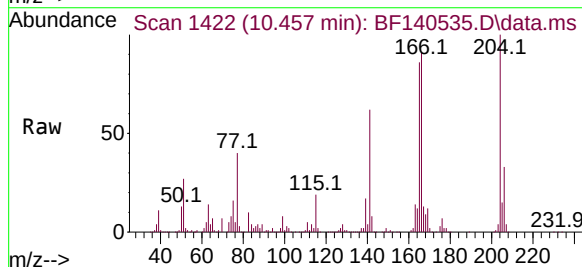
Tgt Ion:204 Resp: 496862

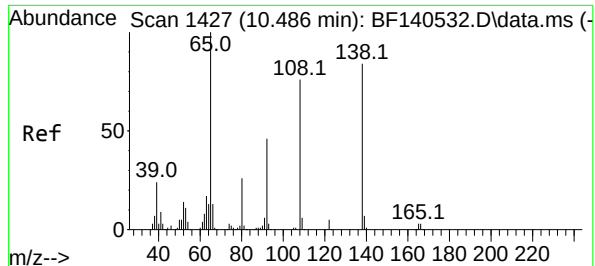
Ion Ratio Lower Upper

204 100

206 33.4 26.6 40.0

141 62.1 51.1 76.7

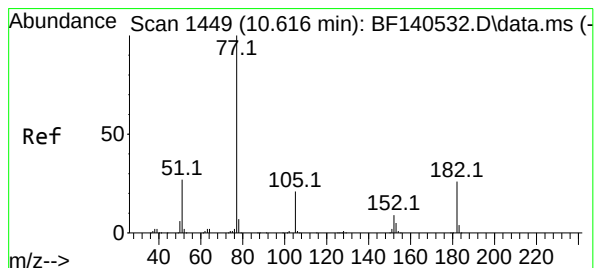
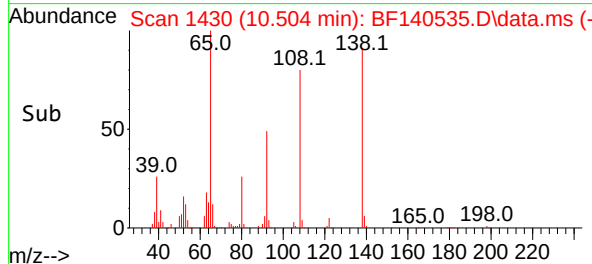
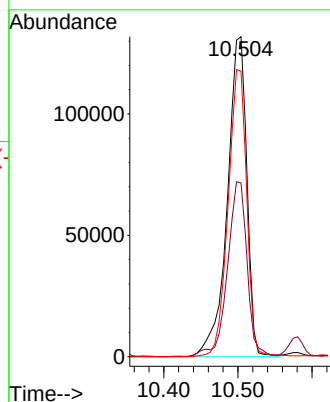
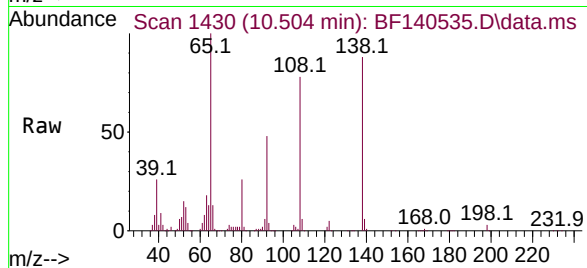




#62
4-Nitroaniline
Concen: 75.874 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.018 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

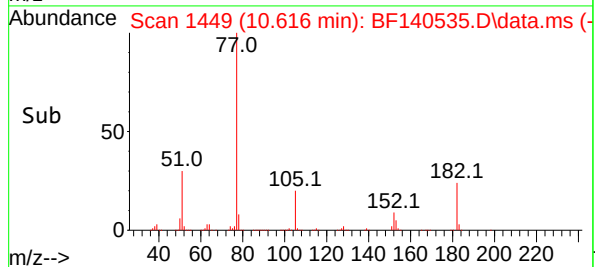
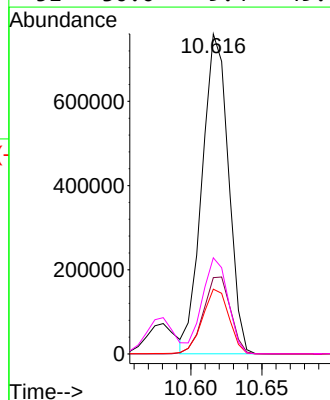
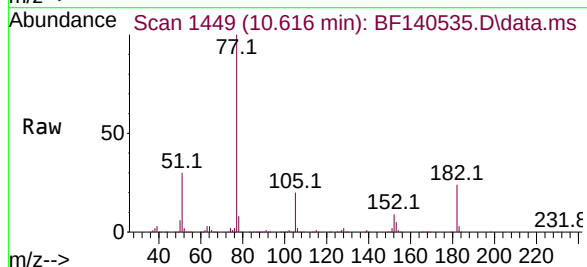
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

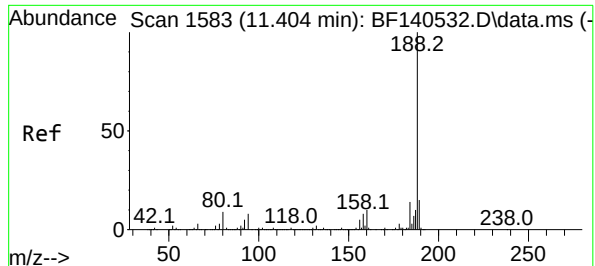
Tgt Ion:138 Resp: 241223
Ion Ratio Lower Upper
138 100
92 54.3 34.5 74.5
108 89.2 70.6 110.6



#63
Azobenzene
Concen: 74.448 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 77 Resp: 978891
Ion Ratio Lower Upper
77 100
182 23.8 5.3 45.3
105 20.2 0.3 40.3
51 30.0 9.4 49.4

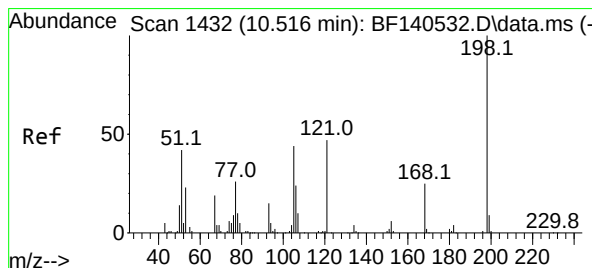
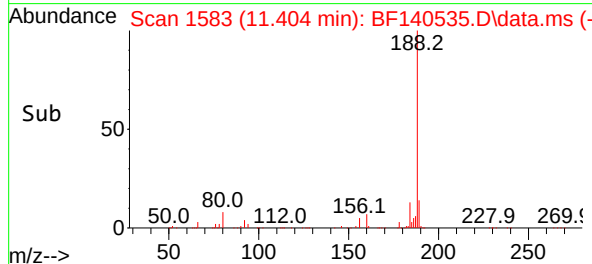
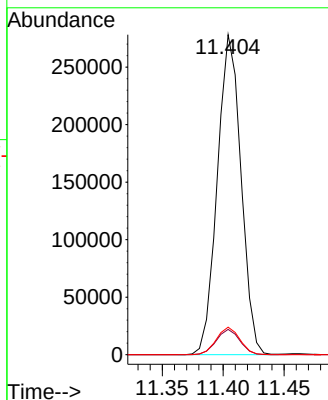
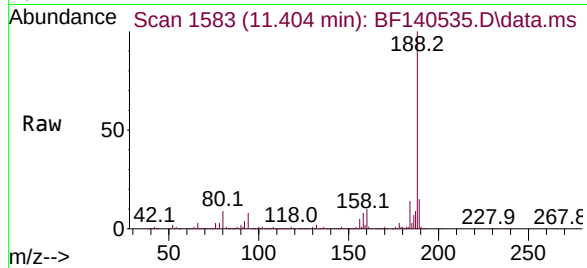




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

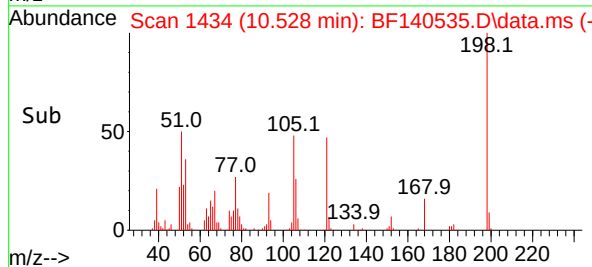
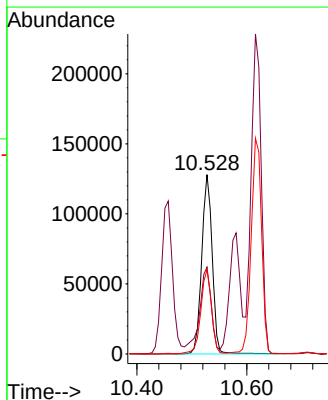
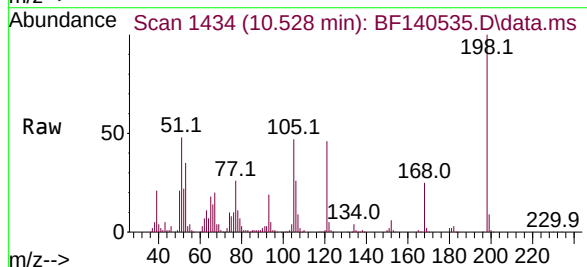
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

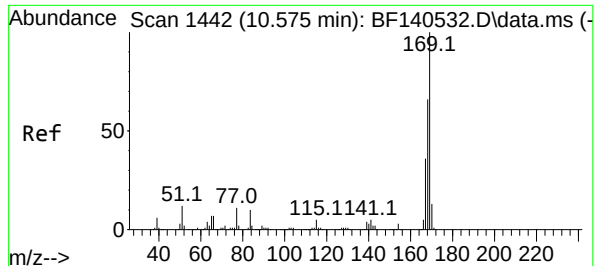
Tgt Ion:188 Resp: 377113
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.6 6.9 10.3



#65
4,6-Dinitro-2-methylphenol
Concen: 88.305 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:198 Resp: 170169
Ion Ratio Lower Upper
198 100
51 48.5 29.4 69.4
105 47.0 25.4 65.4

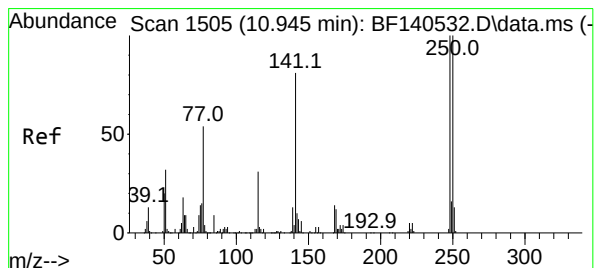
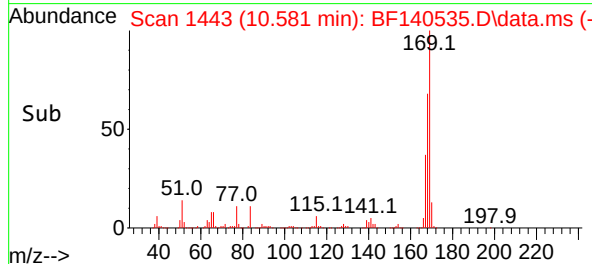
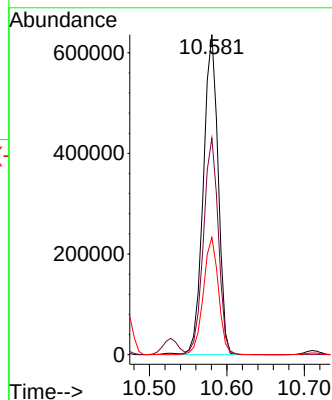
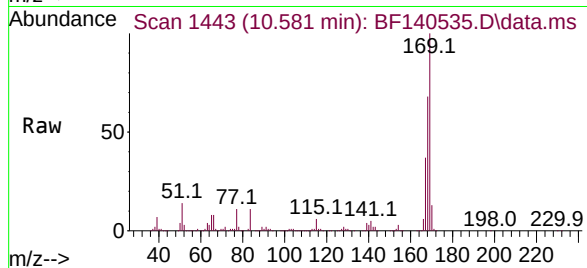




#66
n-Nitrosodiphenylamine
Concen: 75.504 ng
RT: 10.581 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

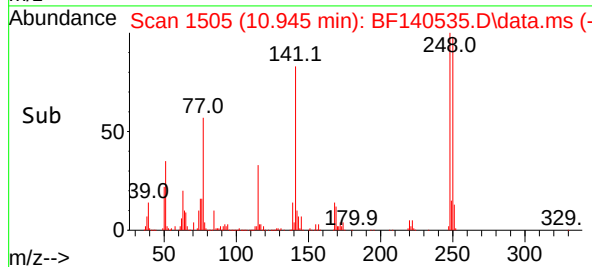
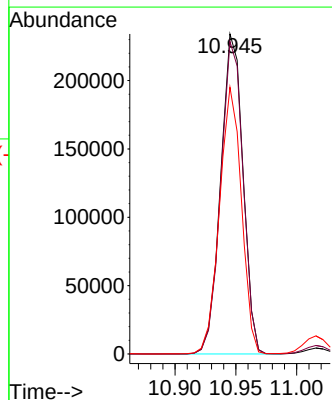
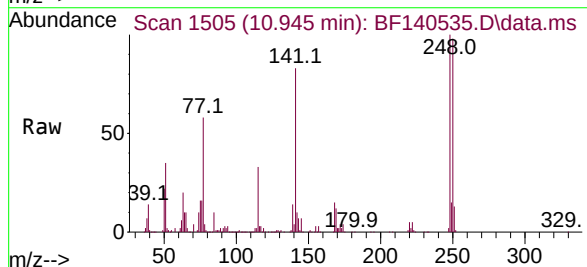
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

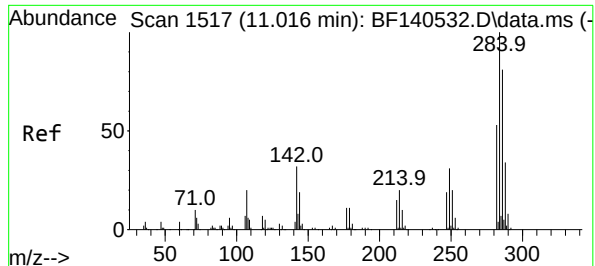
Tgt Ion:169 Resp: 842038
Ion Ratio Lower Upper
169 100
168 67.7 53.2 79.8
167 36.6 29.0 43.6



#67
4-Bromophenyl-phenylether
Concen: 76.842 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:248 Resp: 298430
Ion Ratio Lower Upper
248 100
250 97.7 79.8 119.8
141 83.4 64.7 97.1

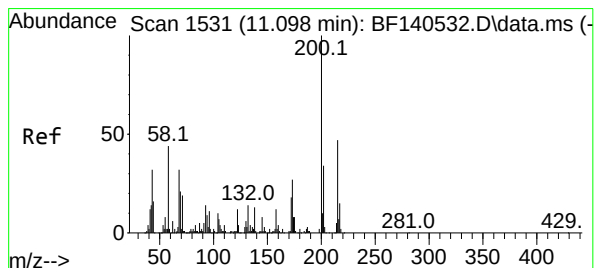
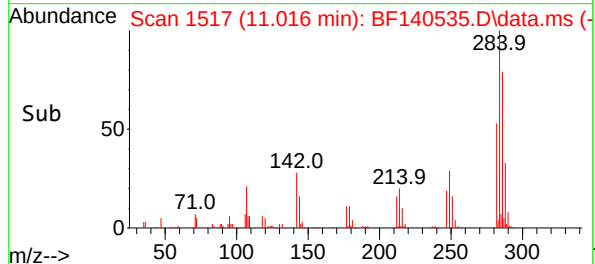
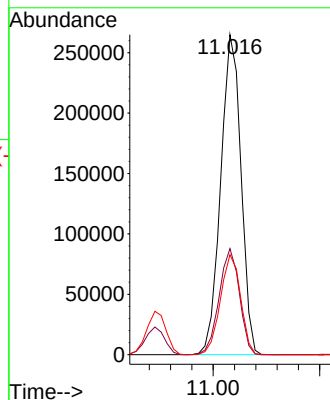
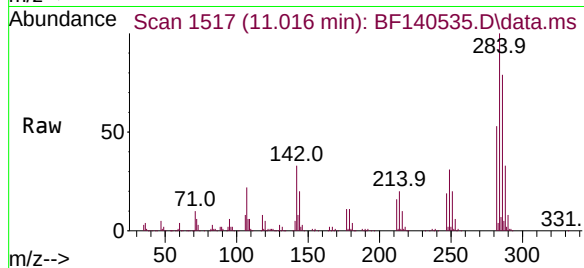




#68
Hexachlorobenzene
Concen: 77.757 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

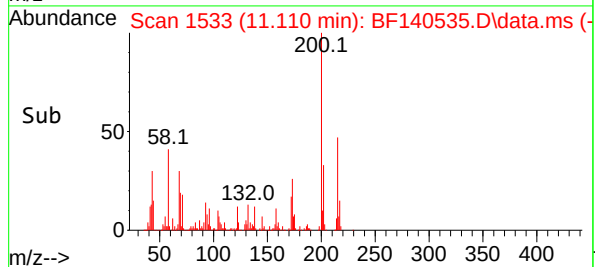
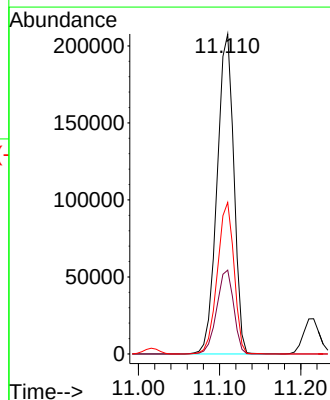
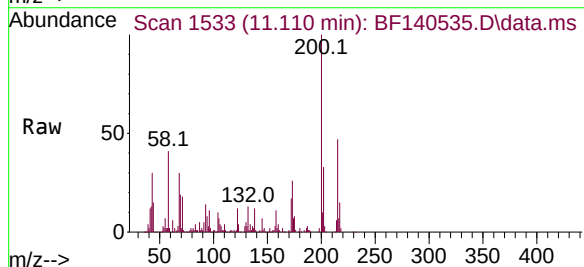
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

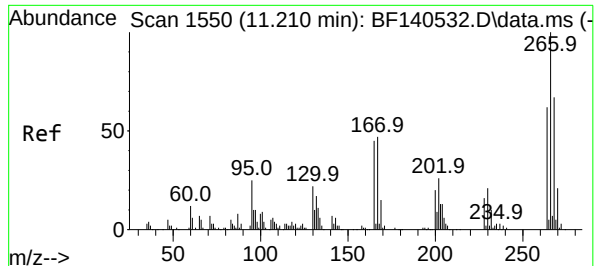
Tgt Ion:284 Resp: 349669
Ion Ratio Lower Upper
284 100
142 33.1 25.3 37.9
249 31.2 24.8 37.2



#69
Atrazine
Concen: 95.222 ng
RT: 11.110 min Scan# 1533
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:200 Resp: 298744
Ion Ratio Lower Upper
200 100
173 26.2 7.0 47.0
215 47.4 26.7 66.7





#70

Pentachlorophenol

Concen: 89.792 ng

RT: 11.216 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

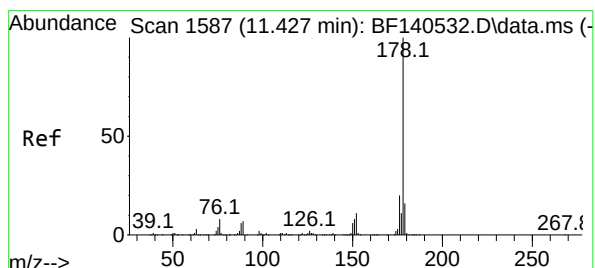
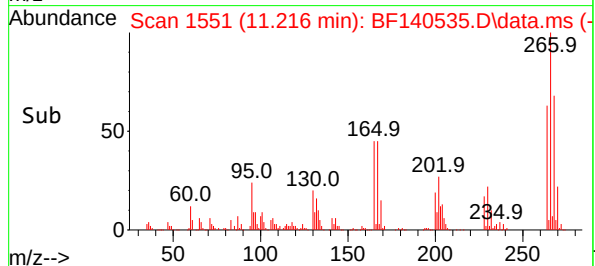
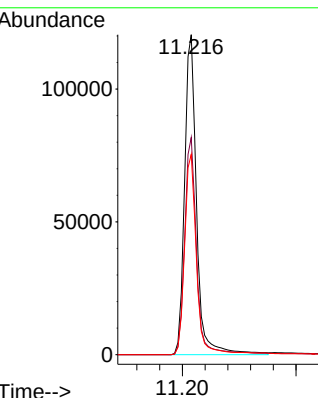
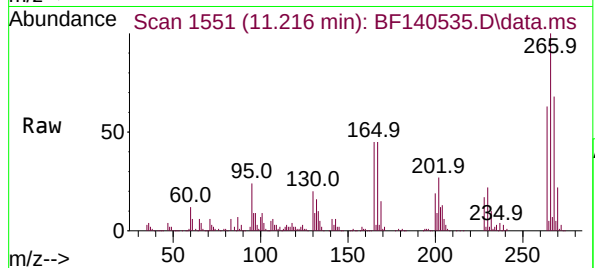
Tgt Ion:266 Resp: 177717

Ion Ratio Lower Upper

266 100

268 67.9 53.7 80.5

264 62.6 49.8 74.8



#71

Phenanthrene

Concen: 73.334 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

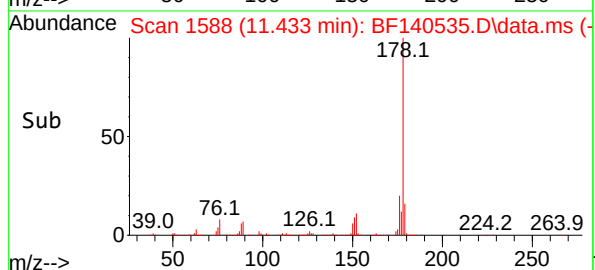
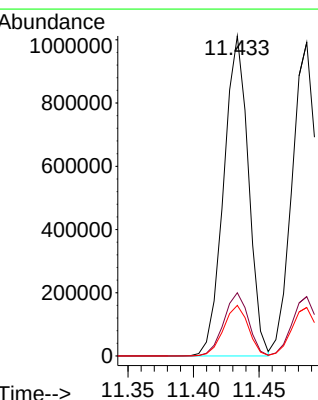
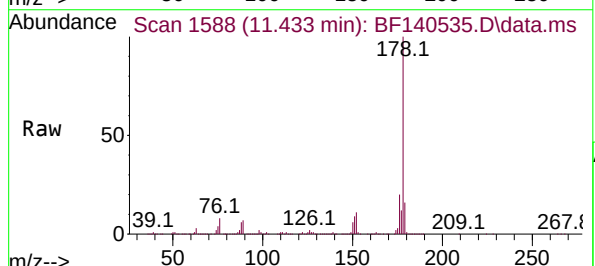
Tgt Ion:178 Resp: 1329366

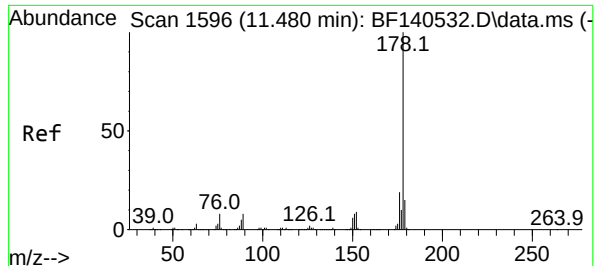
Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.8 12.4 18.6

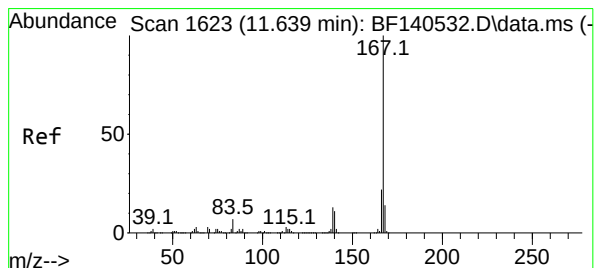
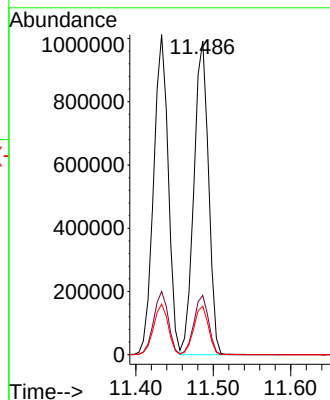
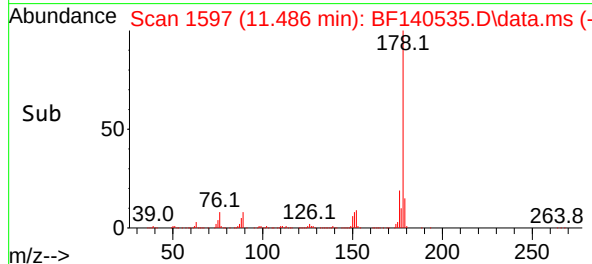
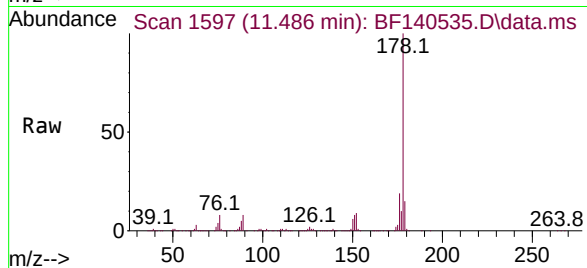




#72
Anthracene
Concen: 73.050 ng
RT: 11.486 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

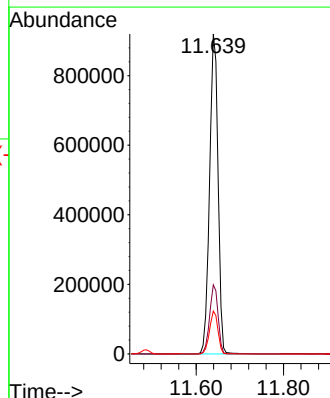
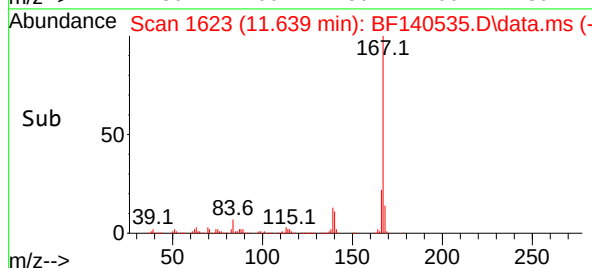
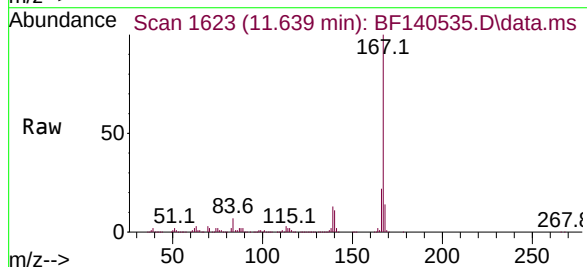
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

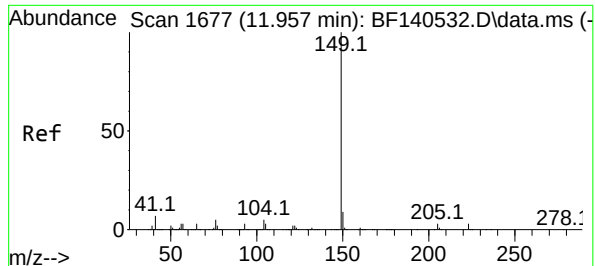
Tgt Ion:178 Resp: 1295331
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4



#73
Carbazole
Concen: 72.617 ng
RT: 11.639 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:167 Resp: 1238730
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.4 10.6 15.8

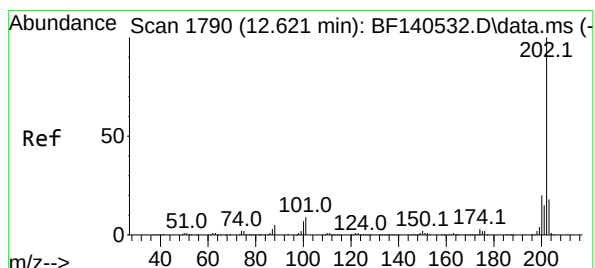
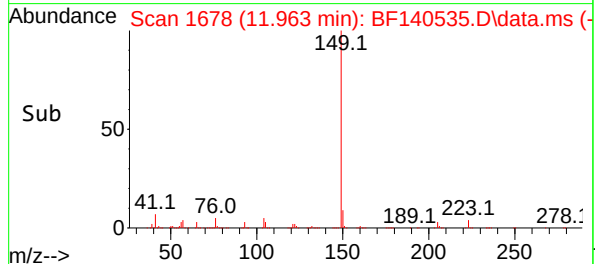
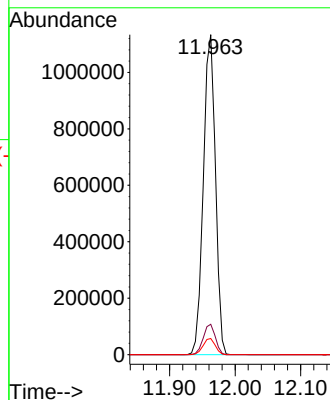
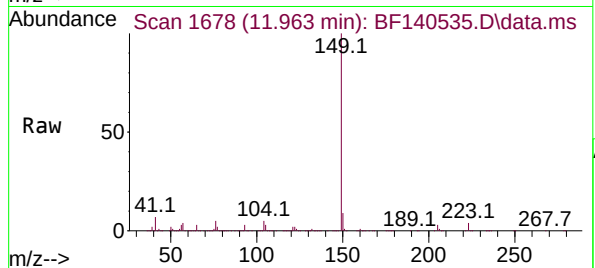




#74
Di-n-butylphthalate
Concen: 74.036 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

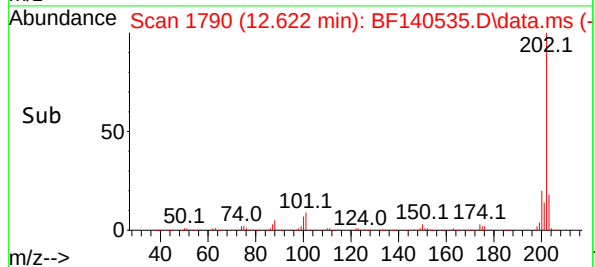
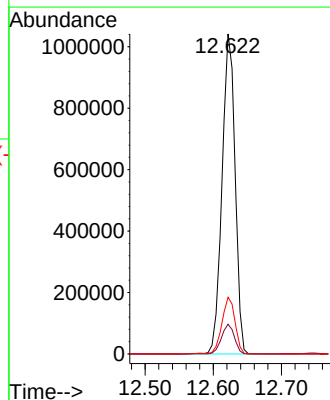
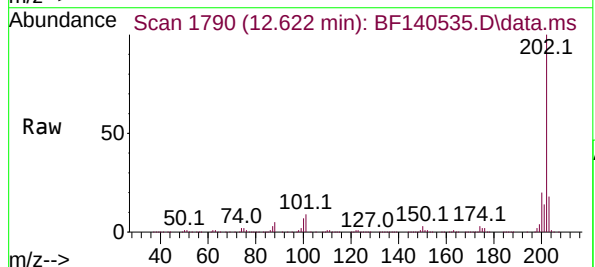
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

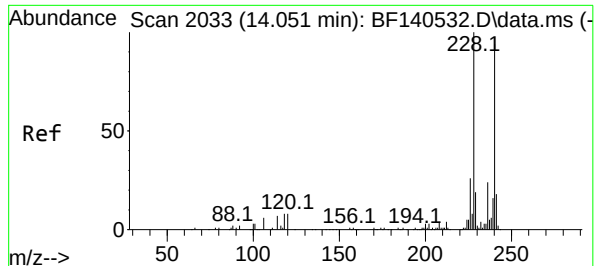
Tgt Ion:149 Resp: 1458047
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.1 4.1 6.1



#75
Fluoranthene
Concen: 70.598 ng
RT: 12.622 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:202 Resp: 1389485
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 17.7 0.0 37.6

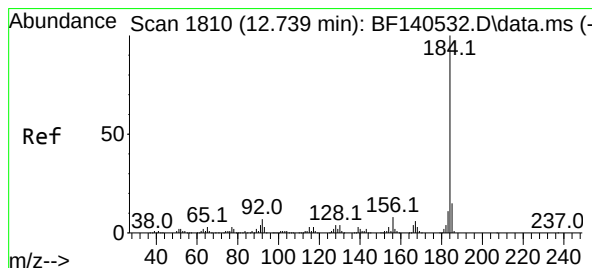
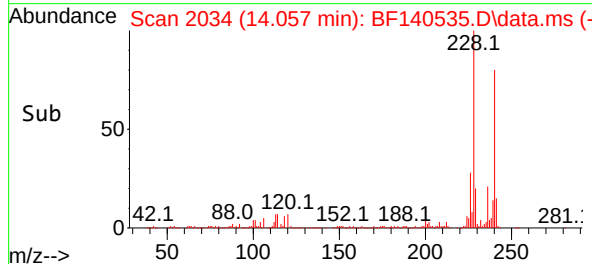
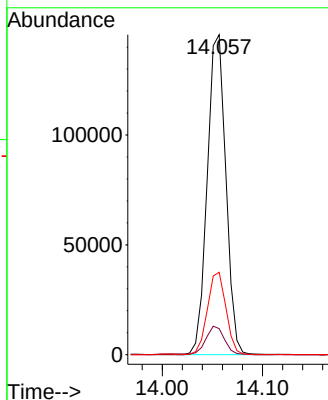
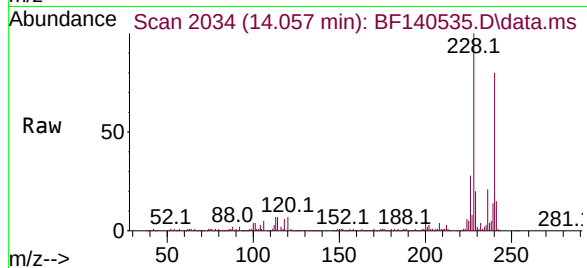




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

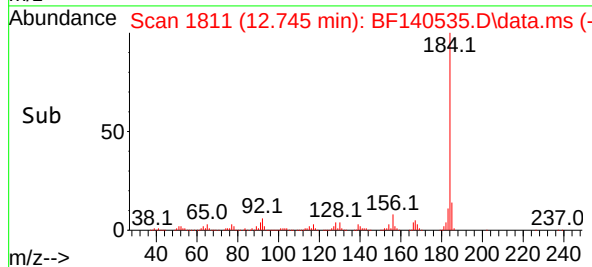
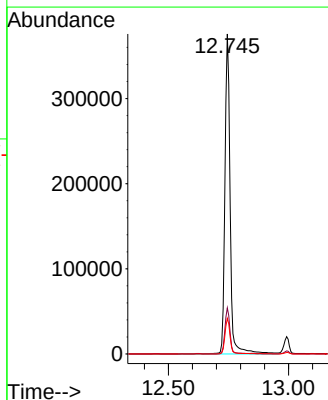
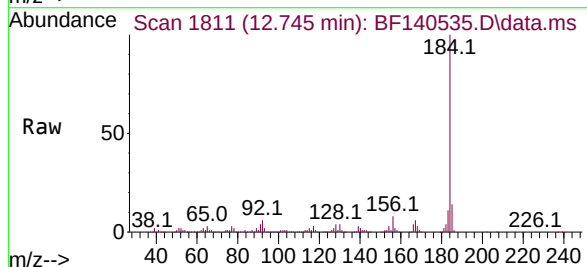
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

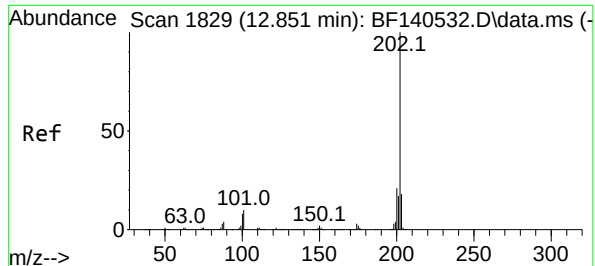
Tgt Ion:240 Resp: 187912
Ion Ratio Lower Upper
240 100
120 8.2 7.3 10.9
236 25.8 20.6 31.0



#77
Benzidine
Concen: 103.300 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:184 Resp: 564372
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.1 8.8 13.2

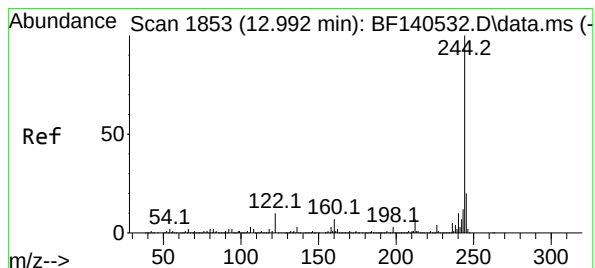
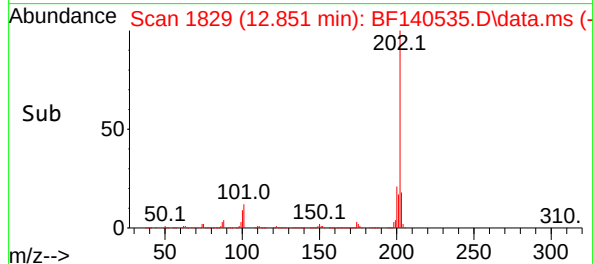
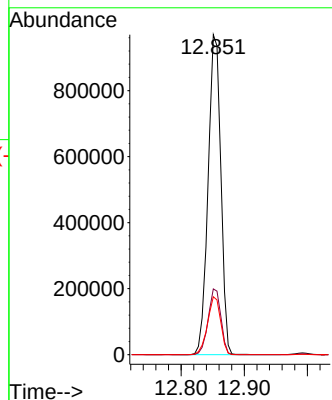
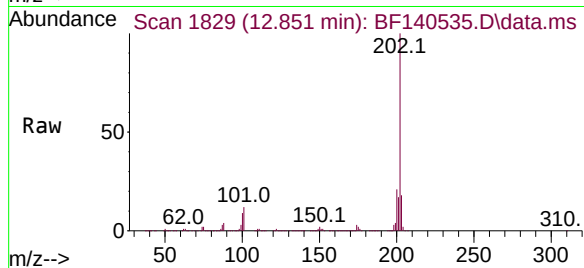




#78
Pyrene
Concen: 77.840 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

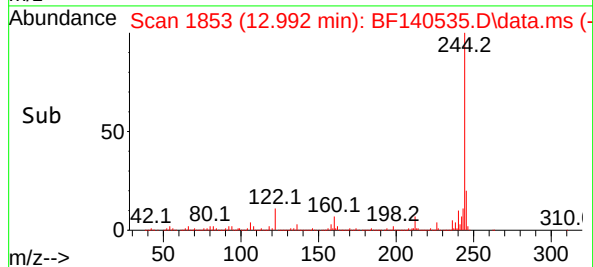
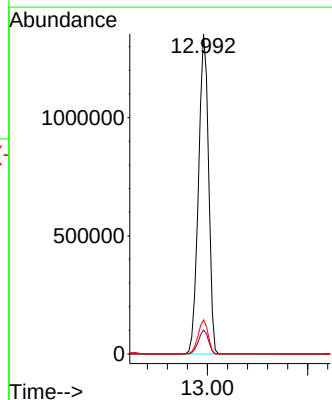
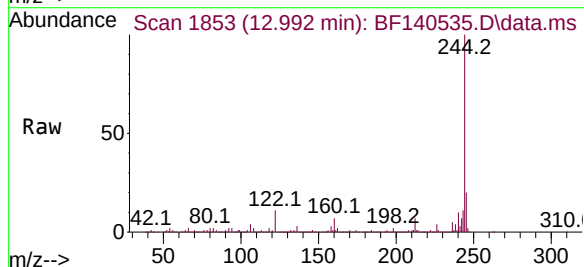
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

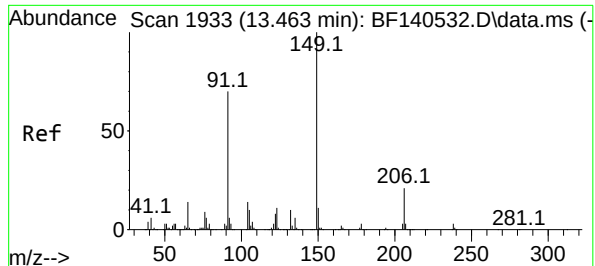
Tgt Ion:202 Resp: 1352459
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 18.1 14.2 21.4



#79
Terphenyl-d14
Concen: 156.171 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:244 Resp: 1884646
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 10.7 8.0 12.0

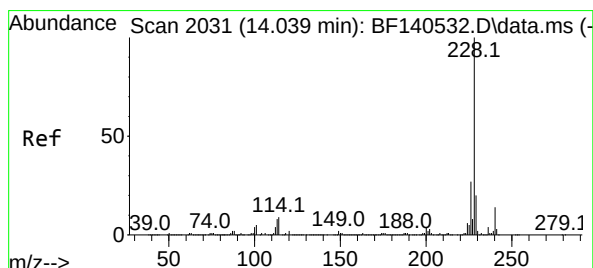
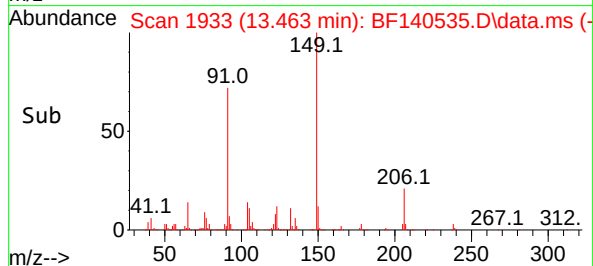
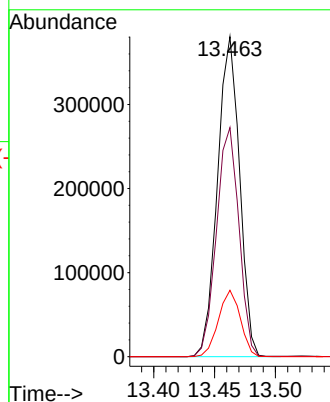
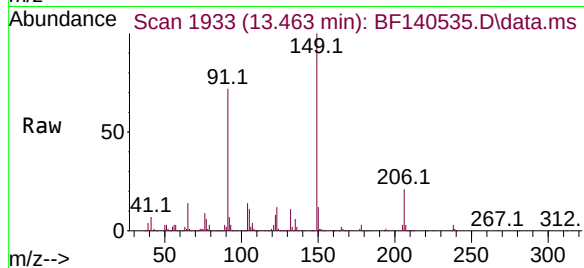




#80
Butylbenzylphthalate
Concen: 76.981 ng
RT: 13.463 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

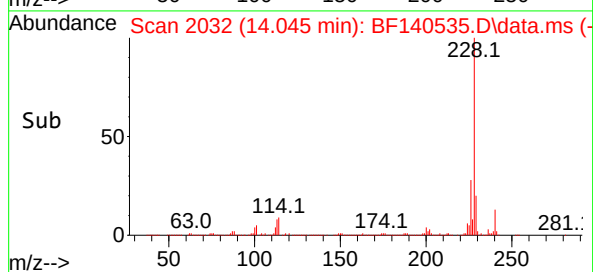
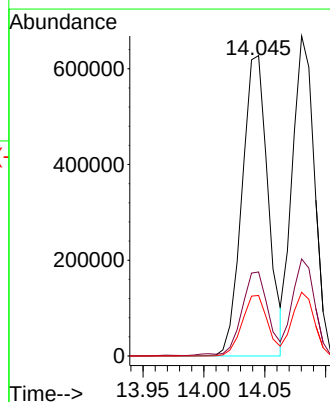
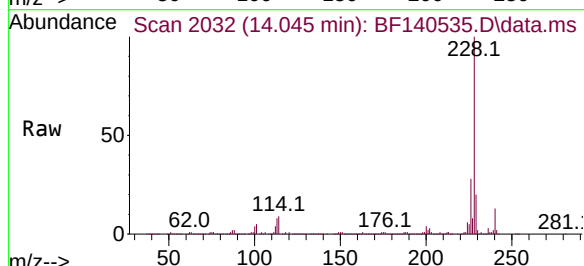
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

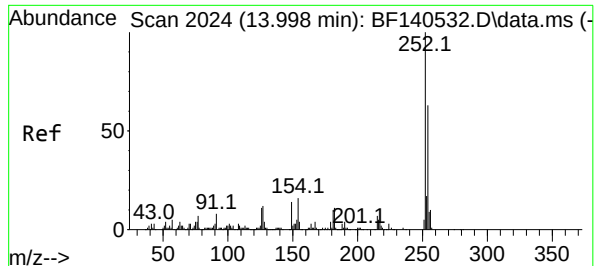
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.6	56.2	84.2
206	20.8	16.4	24.6



#81
Benzo(a)anthracene
Concen: 75.038 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.1	15.8	23.6





#82

3,3'-Dichlorobenzidine

Concen: 79.219 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

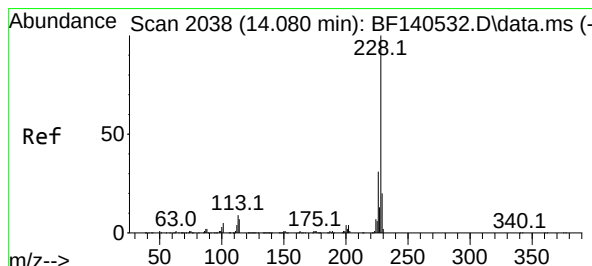
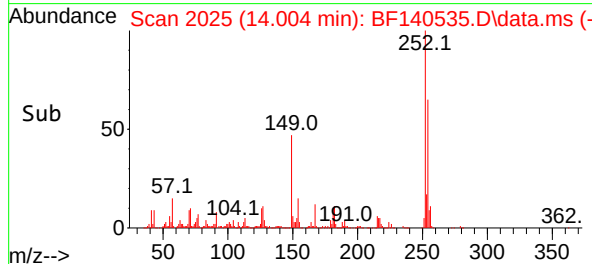
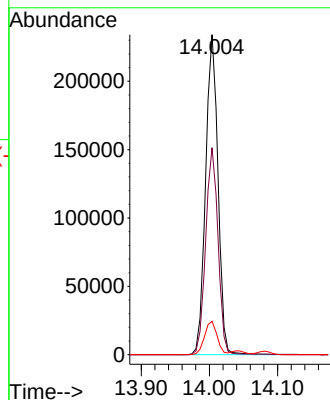
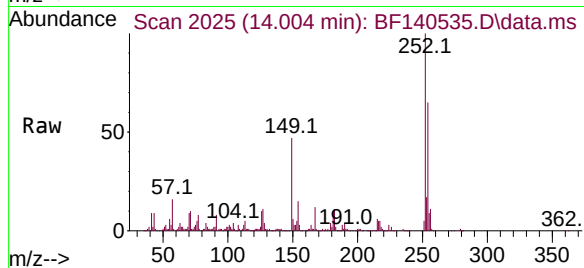
Tgt Ion:252 Resp: 295857

Ion Ratio Lower Upper

252 100

254 64.7 50.8 76.2

126 10.4 8.6 13.0



#83

Chrysene

Concen: 74.518 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

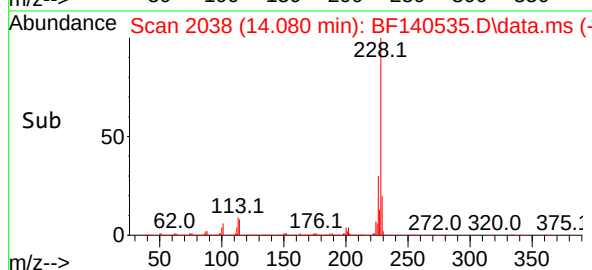
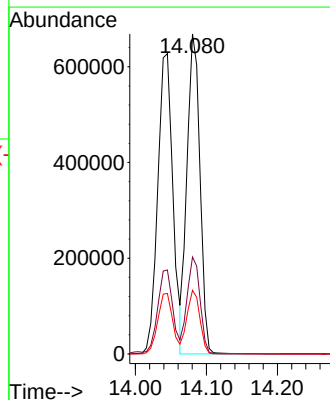
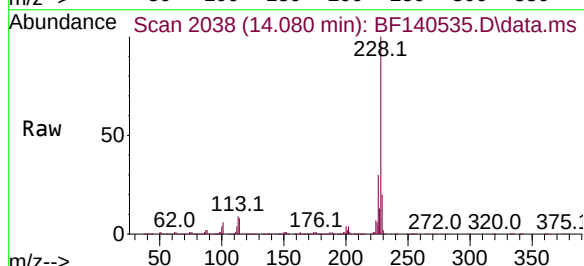
Tgt Ion:228 Resp: 847578

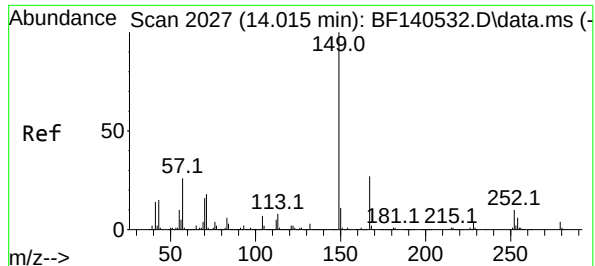
Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.9 15.8 23.6

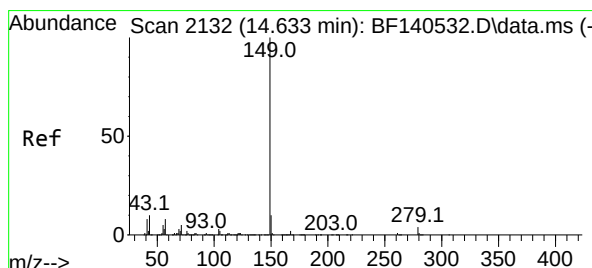
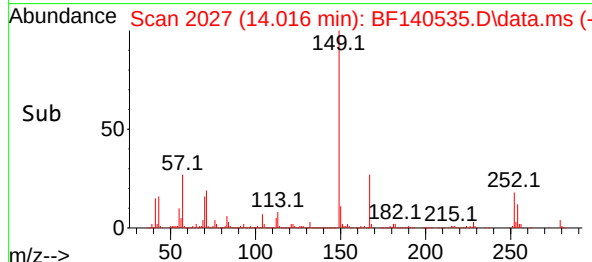
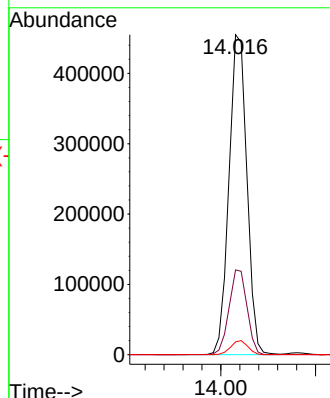
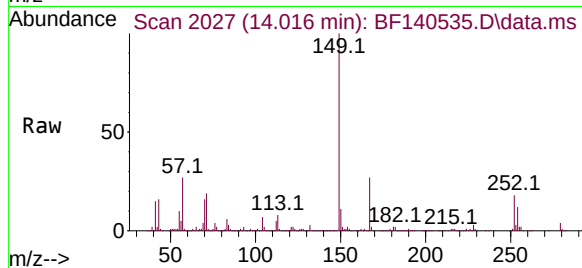




#84
Bis(2-ethylhexyl)phthalate
Concen: 75.781 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

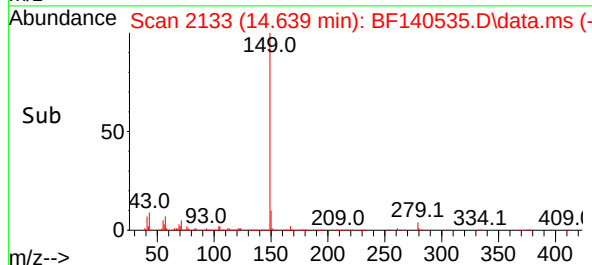
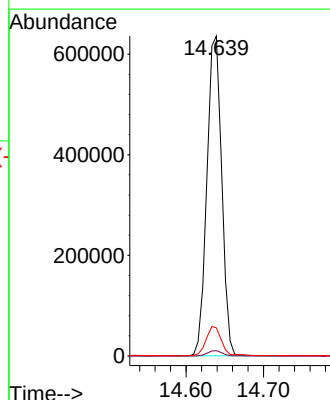
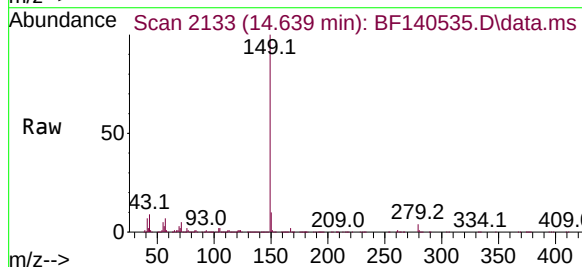
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

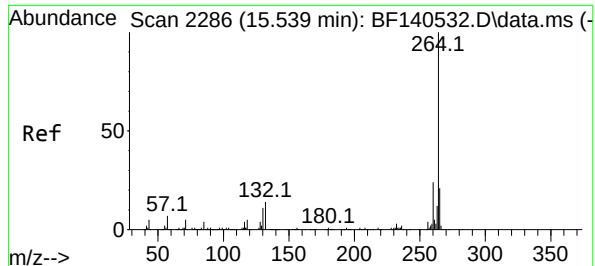
Tgt Ion:149 Resp: 598926
Ion Ratio Lower Upper
149 100
167 26.5 21.2 31.8
279 4.0 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 78.011 ng
RT: 14.639 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:149 Resp: 842600
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.5 7.7 11.5

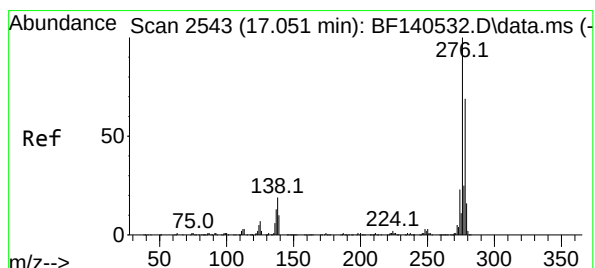
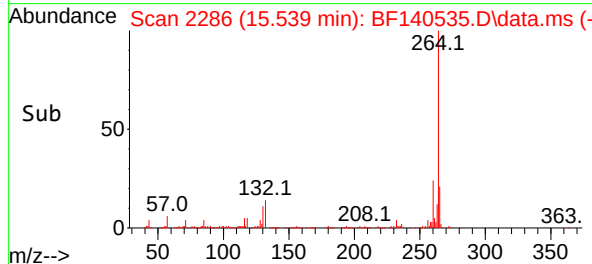
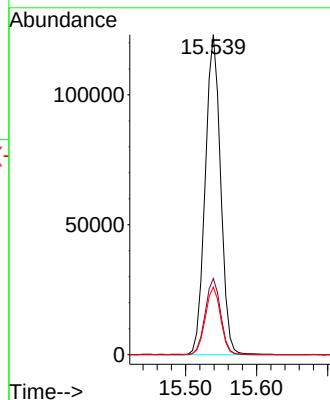
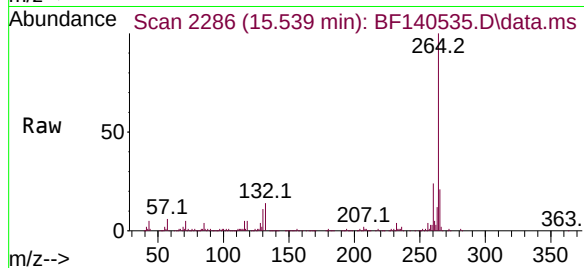




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

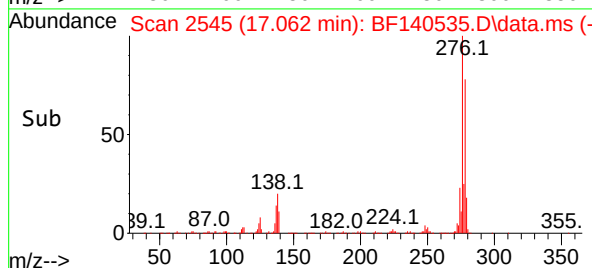
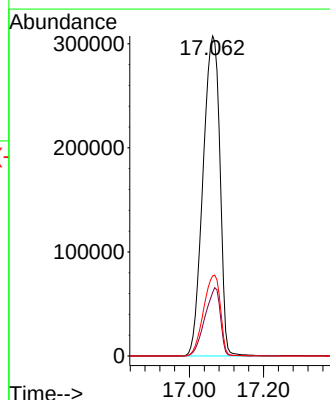
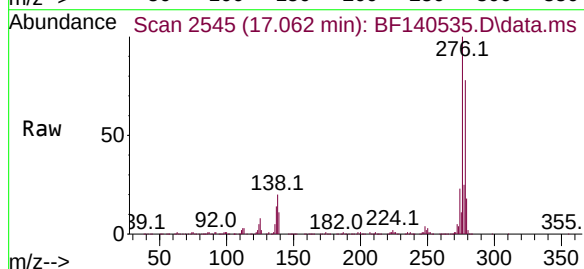
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

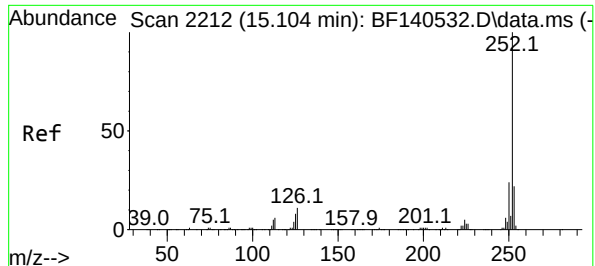
Tgt Ion:264 Resp: 185457
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.1 16.6 25.0



#87
Indeno(1,2,3-cd)pyrene
Concen: 80.586 ng
RT: 17.062 min Scan# 2545
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:276 Resp: 973960
Ion Ratio Lower Upper
276 100
138 19.6 15.5 23.3
277 25.2 20.1 30.1

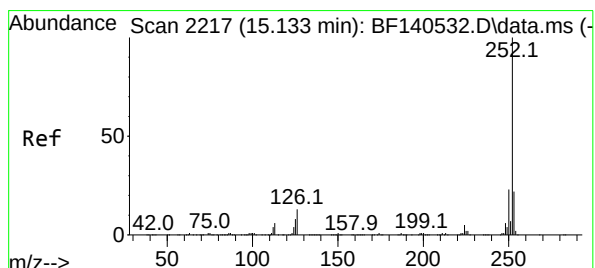
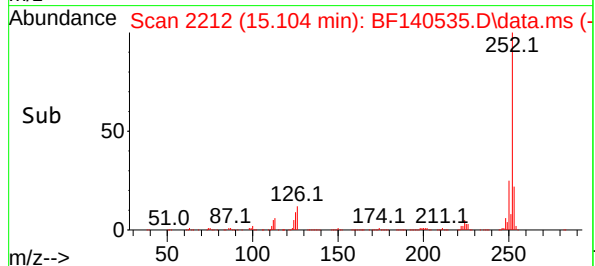
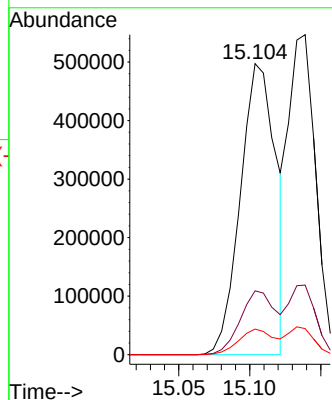
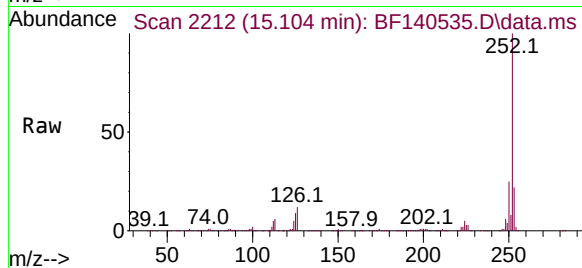




#88
Benzo(b)fluoranthene
Concen: 74.378 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

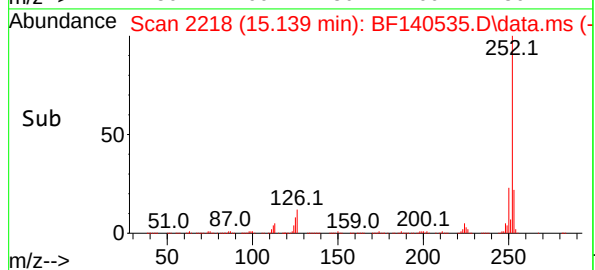
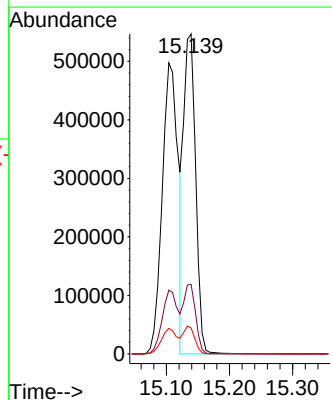
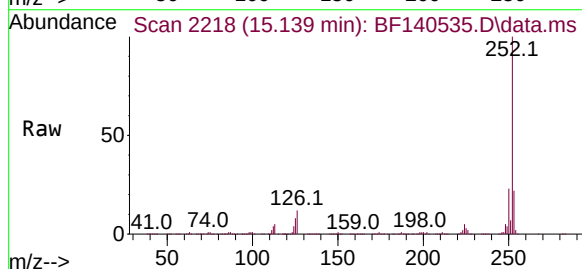
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

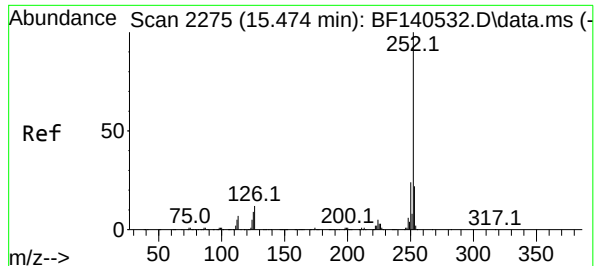
Tgt Ion:252 Resp: 866416
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.8 6.7 10.1



#89
Benzo(k)fluoranthene
Concen: 71.283 ng
RT: 15.139 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:252 Resp: 726636
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.1 6.5 9.7





#90

Benzo(a)pyrene

Concen: 74.969 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

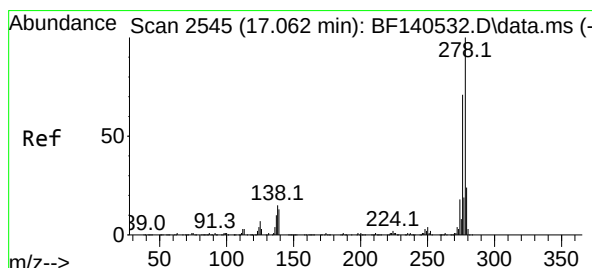
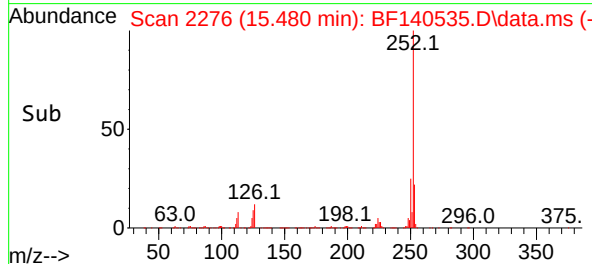
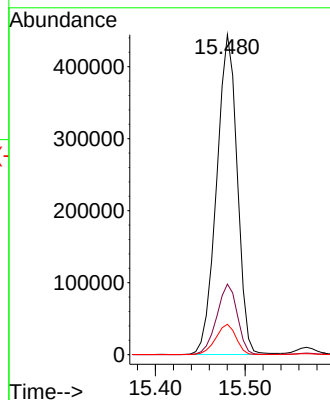
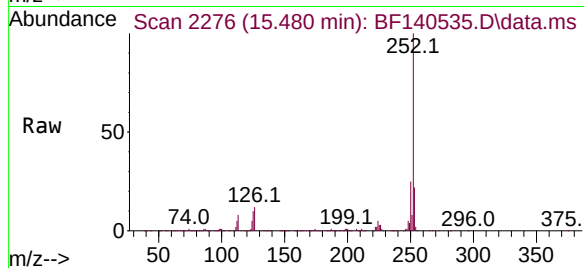
Tgt Ion:252 Resp: 710060

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.5 7.0 10.6



#91

Dibenzo(a,h)anthracene

Concen: 79.722 ng

RT: 17.074 min Scan# 2547

Delta R.T. 0.012 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

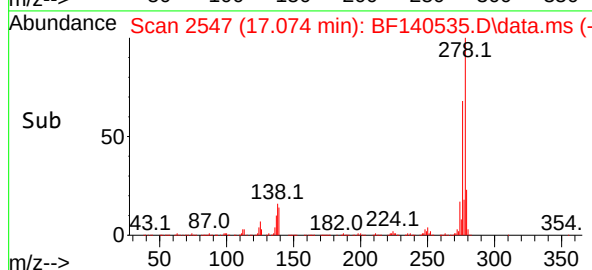
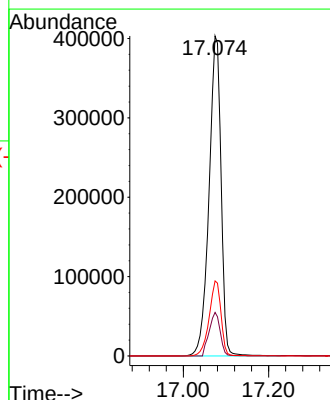
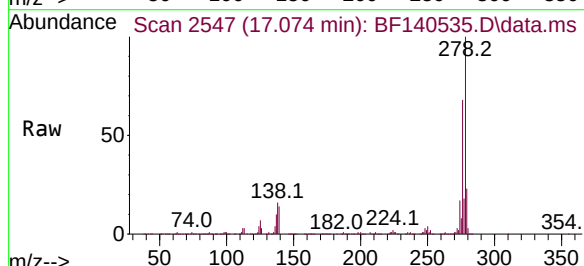
Tgt Ion:278 Resp: 789090

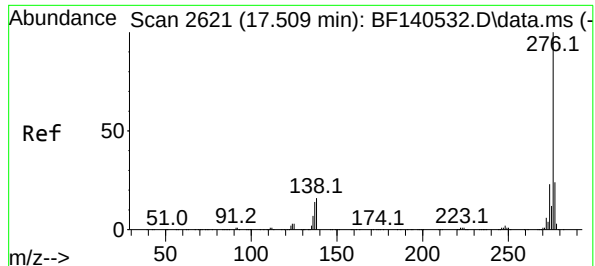
Ion Ratio Lower Upper

278 100

139 13.6 10.2 15.4

279 23.4 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 79.559 ng

RT: 17.521 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF140535.D

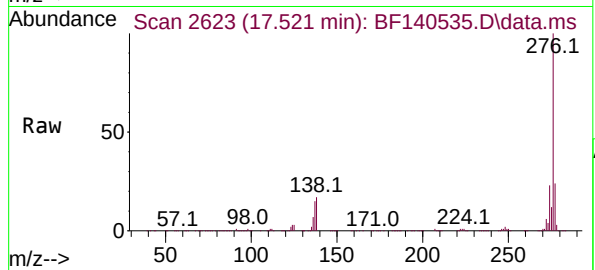
Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



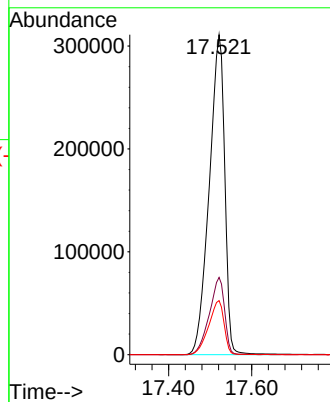
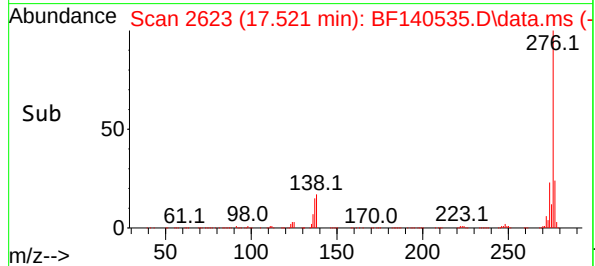
Tgt Ion:276 Resp: 803570

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 16.9 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 16:11:44 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 15:23:48 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	106835	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	417612	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	239418	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	448820	20.000	ng	0.00
76) Chrysene-d12	14.057	240	266538	20.000	ng	0.00
86) Perylene-d12	15.551	264	215076	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	494717	79.009	ng	0.00
7) Phenol-d6	6.516	99	674309	81.459	ng	0.00
23) Nitrobenzene-d5	7.439	82	644226	78.907	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204020	79.677	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1227501	76.390	ng	0.00
79) Terphenyl-d14	12.992	244	1291669	75.460	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	102768	39.036	ng	99
3) Pyridine	3.410	79	258925	44.701	ng	99
4) n-Nitrosodimethylamine	3.369	42	140208	41.184	ng	98
6) Aniline	6.539	93	274234	47.067	ng	91
8) 2-Chlorophenol	6.663	128	270746	40.191	ng	98
9) Benzaldehyde	6.428	77	161873	36.939	ng	99
10) Phenol	6.528	94	346860	41.030	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	257441	39.796	ng	99
12) 1,3-Dichlorobenzene	6.816	146	300749	39.732	ng	99
13) 1,4-Dichlorobenzene	6.892	146	304030	39.668	ng	100
14) 1,2-Dichlorobenzene	7.045	146	283001	39.406	ng	98
15) Benzyl Alcohol	7.016	79	257787	41.993	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	314742	41.183	ng	93
17) 2-Methylphenol	7.133	107	224359	41.606	ng	98
18) Hexachloroethane	7.381	117	114809	40.108	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	205658	42.038	ng	99
20) 3+4-Methylphenols	7.286	107	287897	41.536	ng	98
22) Acetophenone	7.281	105	396692	38.963	ng	99
24) Nitrobenzene	7.457	77	330161	39.127	ng	99
25) Isophorone	7.692	82	549222	40.332	ng	99
26) 2-Nitrophenol	7.769	139	150969	40.372	ng	98
27) 2,4-Dimethylphenol	7.810	122	177031	39.568	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	331321	39.938	ng	100
29) 2,4-Dichlorophenol	8.016	162	236857	39.952	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	263327	38.901	ng	99
31) Naphthalene	8.175	128	842187	39.152	ng	99
32) Benzoic acid	7.939	122	156794	41.429	ng	98
33) 4-Chloroaniline	8.228	127	280483	43.551	ng	99
34) Hexachlorobutadiene	8.292	225	176676	39.406	ng	99
35) Caprolactam	8.604	113	74088	40.381	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	266862	40.203	ng	99
37) 2-Methylnaphthalene	8.869	142	546332	39.987	ng	99
38) 1-Methylnaphthalene	8.969	142	531502	39.688	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	272114	38.824	ng	100
41) Hexachlorocyclopentadiene	9.016	237	52730	37.711	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	173239	39.390	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 16:11:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	192368	40.302	ng	99
46) 1,1'-Biphenyl	9.333	154	693007	38.769	ng	100
47) 2-Chloronaphthalene	9.357	162	530895	39.197	ng	100
48) 2-Nitroaniline	9.457	65	174060	40.037	ng	99
49) Acenaphthylene	9.774	152	795061	38.850	ng	99
50) Dimethylphthalate	9.633	163	624268	39.591	ng	99
51) 2,6-Dinitrotoluene	9.698	165	140739	39.356	ng	100
52) Acenaphthene	9.945	154	501631m	38.578	ng	
53) 3-Nitroaniline	9.874	138	143055	40.901	ng	96
54) 2,4-Dinitrophenol	9.980	184	58542	36.341	ng	99
55) Dibenzofuran	10.122	168	766460	38.644	ng	99
56) 4-Nitrophenol	10.039	139	100812	42.263	ng	99
57) 2,4-Dinitrotoluene	10.104	165	194980	41.025	ng	98
58) Fluorene	10.463	166	622708	39.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	153327	41.797	ng	97
60) Diethylphthalate	10.333	149	626046	39.078	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	308891	39.536	ng	99
62) 4-Nitroaniline	10.486	138	148087	40.369	ng	99
63) Azobenzene	10.616	77	597687	39.396	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	94340	41.134	ng	99
66) n-Nitrosodiphenylamine	10.574	169	513960	38.723	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	180160	38.977	ng	99
68) Hexachlorobenzene	11.016	284	208589	38.974	ng	99
69) Atrazine	11.098	200	129353	34.643	ng	99
70) Pentachlorophenol	11.210	266	100767	42.779	ng	98
71) Phenanthrene	11.427	178	838392	38.861	ng	99
72) Anthracene	11.480	178	819442	38.829	ng	100
73) Carbazole	11.639	167	795975	39.207	ng	100
74) Di-n-butylphthalate	11.963	149	932026	39.765	ng	99
75) Fluoranthene	12.621	202	937019	40.002	ng	100
77) Benzidine	12.745	184	304946	39.351	ng	99
78) Pyrene	12.851	202	941890	38.219	ng	99
80) Butylbenzylphthalate	13.463	149	359930	40.542	ng	97
81) Benzo(a)anthracene	14.045	228	700865	39.723	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	217249	41.011	ng	99
83) Chrysene	14.080	228	635750	39.406	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	468853	41.823	ng	99
85) Di-n-octyl phthalate	14.645	149	673561	43.965	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	546567	38.995	ng	99
88) Benzo(b)fluoranthene	15.109	252	551853	40.850	ng	100
89) Benzo(k)fluoranthene	15.145	252	474176	40.110	ng	100
90) Benzo(a)pyrene	15.486	252	439811	40.041	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	459746	40.052	ng	100
92) Benzo(g,h,i)perylene	17.521	276	463747	39.591	ng	99

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

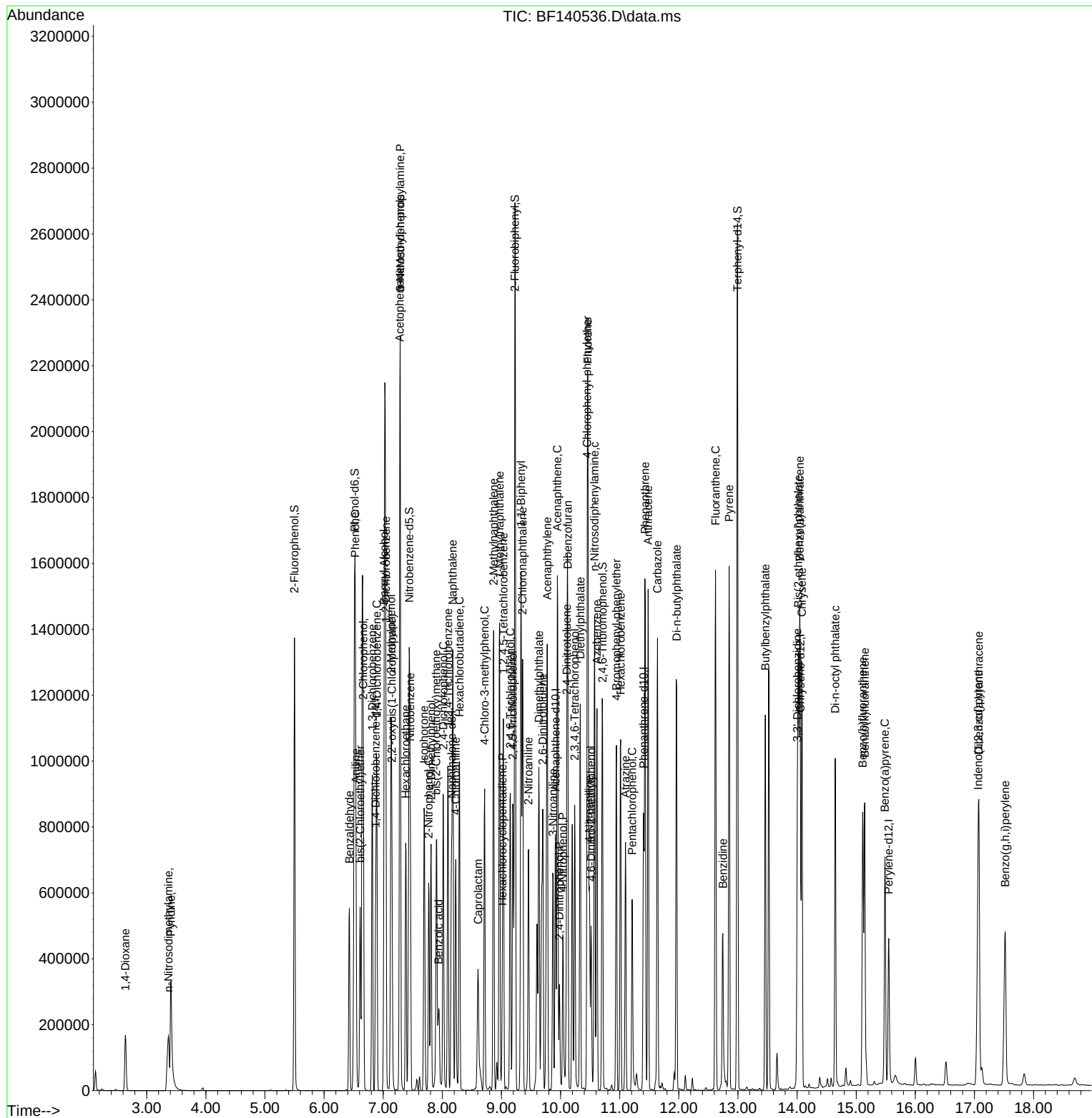
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140536.D
Acq On : 21 Nov 2024 15:07
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

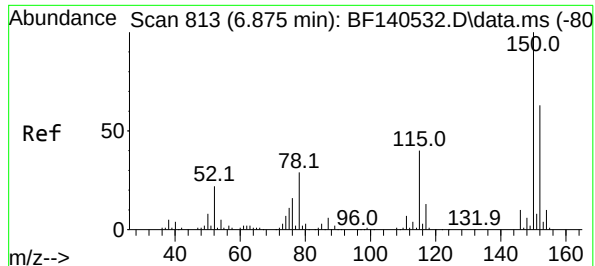
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

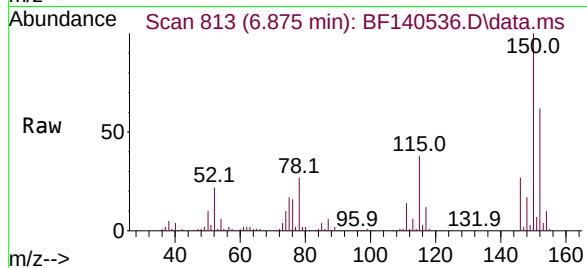
Quant Time: Nov 21 16:11:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

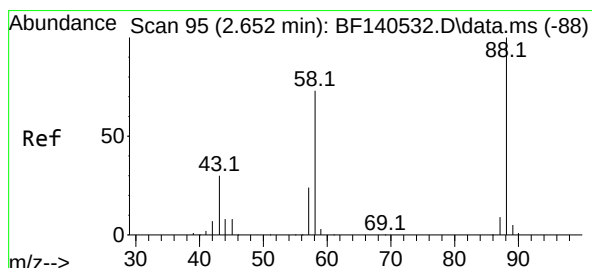
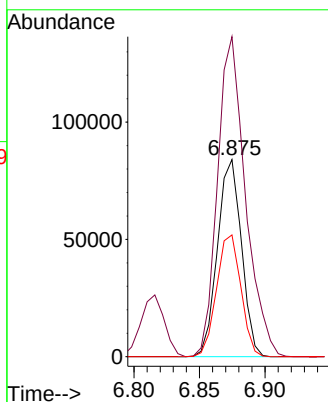
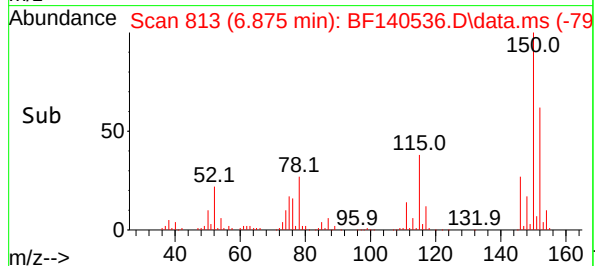
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:152 Resp: 106835
Ion Ratio Lower Upper
152 100
150 162.4 128.5 192.7
115 61.8 50.2 75.4

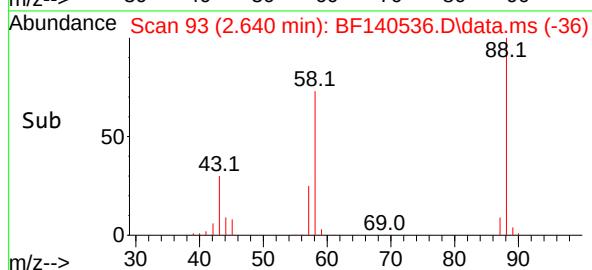
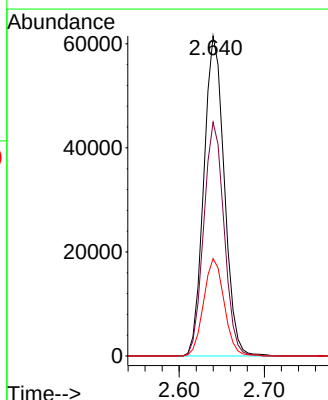
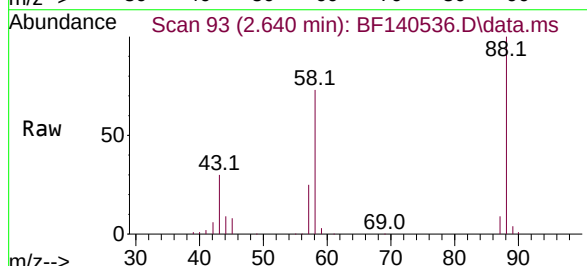
Manual Integrations
APPROVED

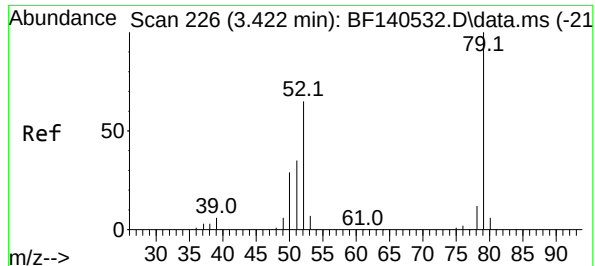
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 39.036 ng
RT: 2.640 min Scan# 93
Delta R.T. -0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

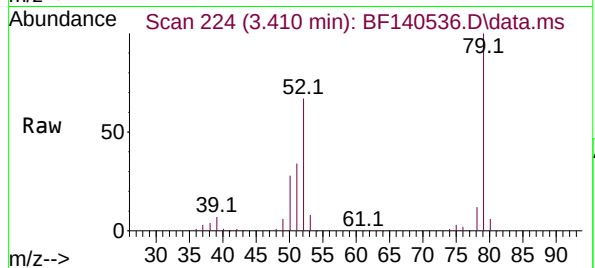
Tgt Ion: 88 Resp: 102768
Ion Ratio Lower Upper
88 100
58 72.6 57.4 86.2
43 30.5 24.3 36.5





#3
Pyridine
Concen: 44.701 ng
RT: 3.410 min Scan# 217
Delta R.T. -0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

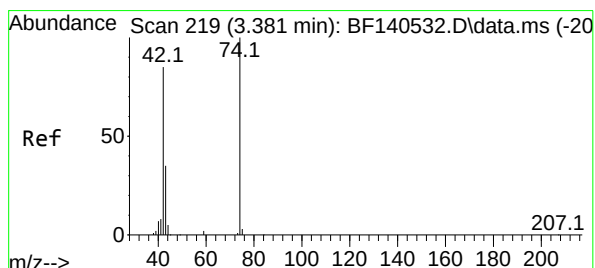
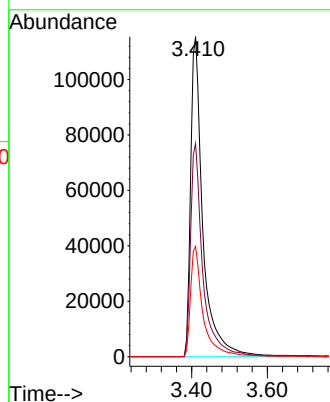
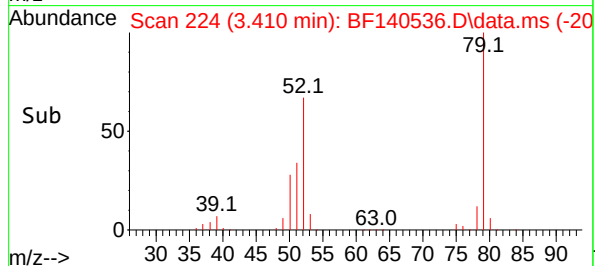
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion: 79 Resp: 25892
Ion Ratio Lower Upper
79 100
52 66.6 52.1 78.1
51 34.4 27.8 41.8

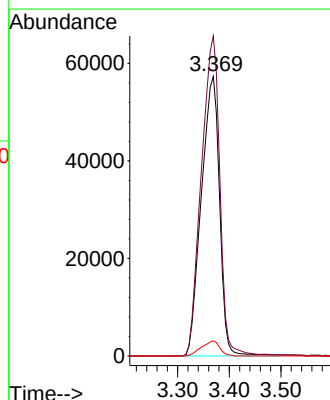
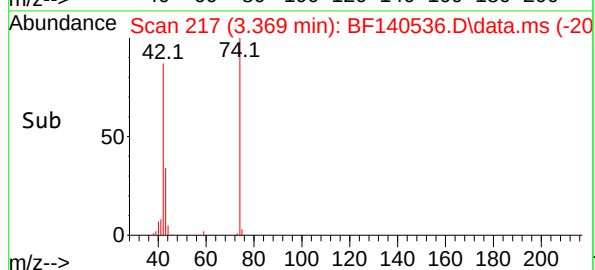
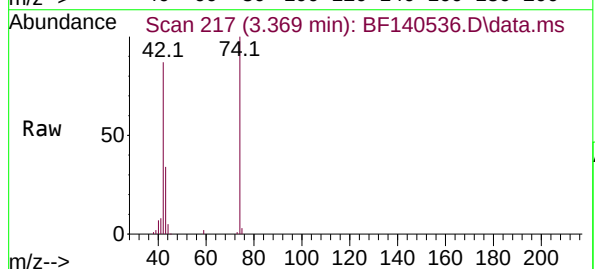
Manual Integrations
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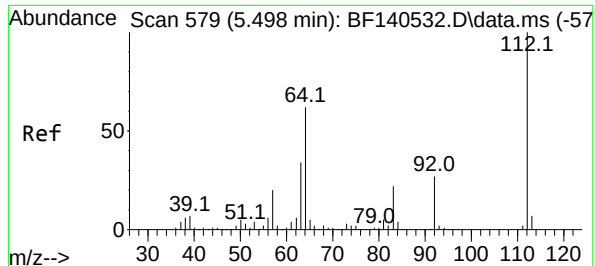
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#4
n-Nitrosodimethylamine
Concen: 41.184 ng
RT: 3.369 min Scan# 217
Delta R.T. -0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

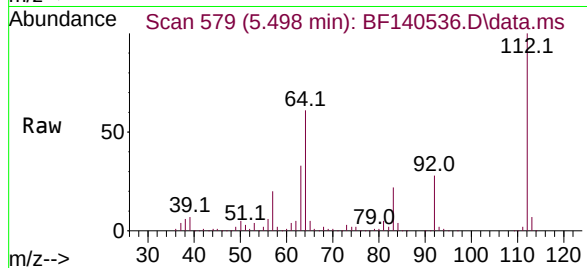
Tgt Ion: 42 Resp: 140208
Ion Ratio Lower Upper
42 100
74 114.5 93.8 140.6
44 5.5 4.6 6.8





#5
2-Fluorophenol
Concen: 79.009 ng
RT: 5.498 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

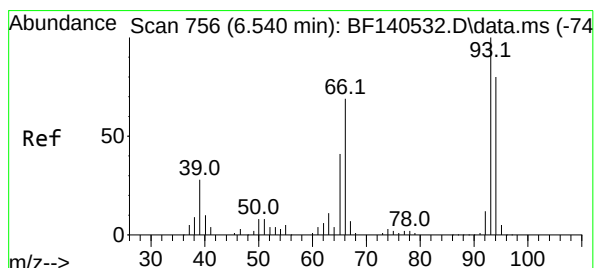
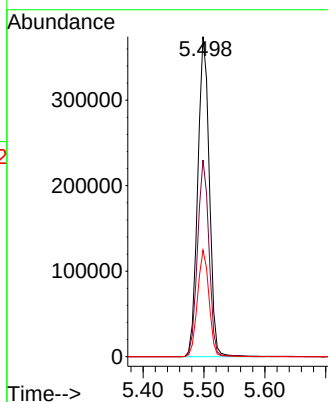
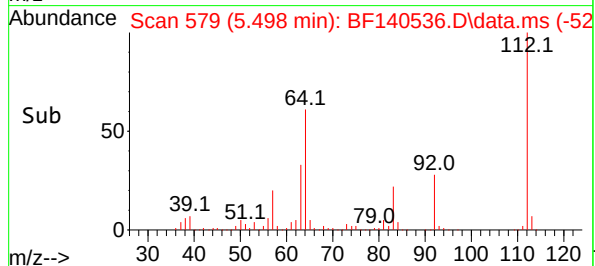
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:112 Resp: 49471
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 33.3 27.0 40.4

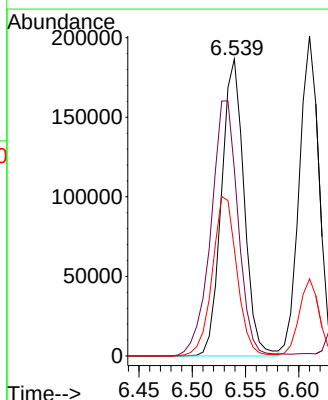
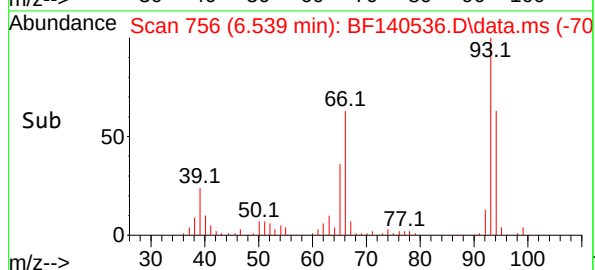
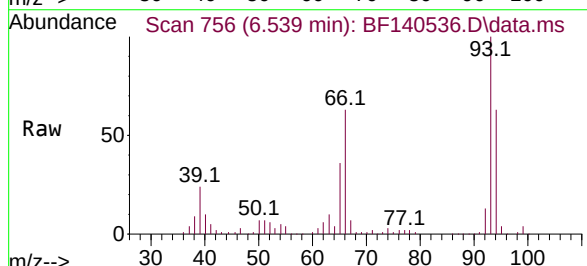
Manual Integrations
APPROVED

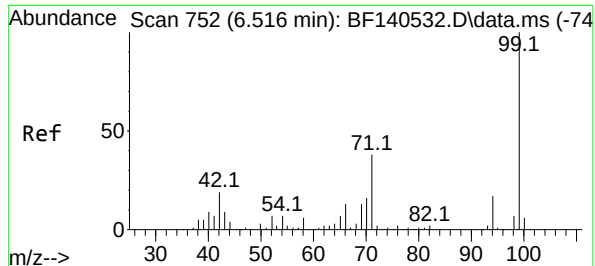
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 47.067 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 93 Resp: 274234
Ion Ratio Lower Upper
93 100
66 62.8 56.5 84.7
65 35.9 32.9 49.3





#7

Phenol-d6

Concen: 81.459 ng

RT: 6.516 min Scan# 711

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 99 Resp: 674309

Ion Ratio Lower Upper

99 100

42 19.3 15.4 23.0

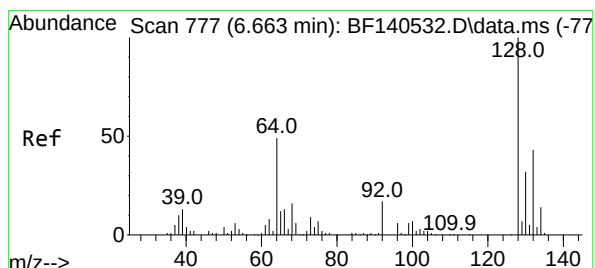
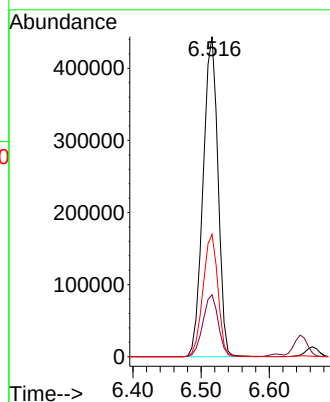
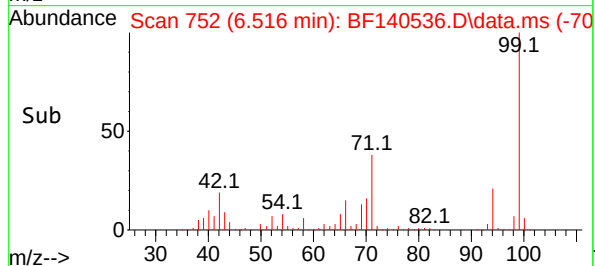
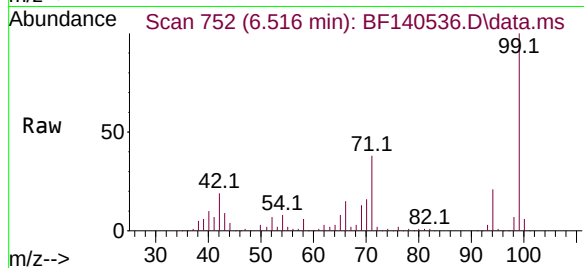
71 38.2 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#8

2-Chlorophenol

Concen: 40.191 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

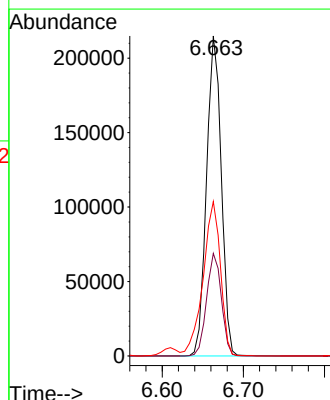
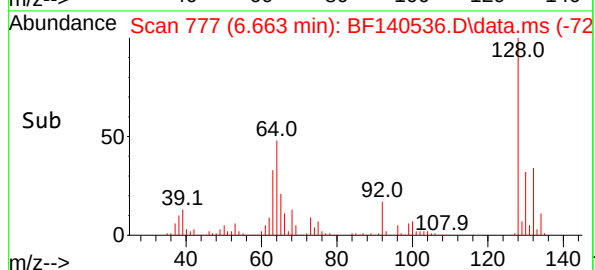
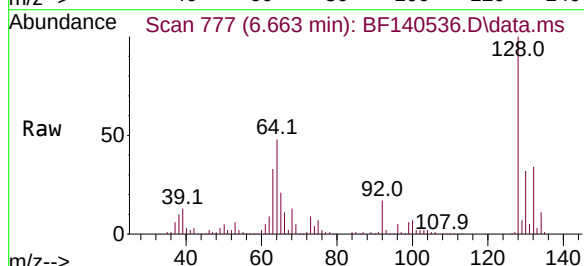
Tgt Ion:128 Resp: 270746

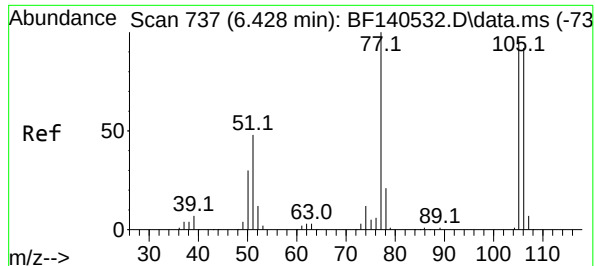
Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 48.3 30.2 70.2





#9

Benzaldehyde

Concen: 36.939 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 77 Resp: 16187

Ion Ratio Lower Upper

77 100

105 95.9 75.6 115.6

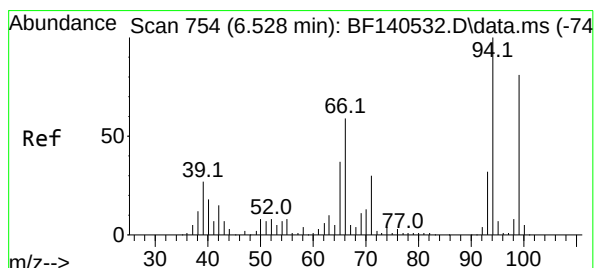
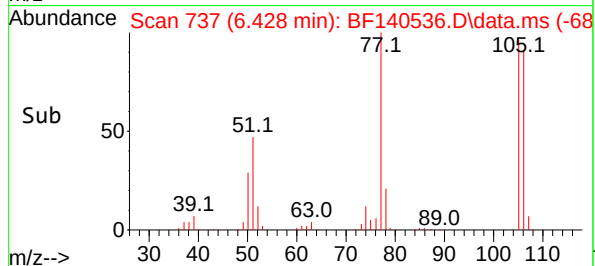
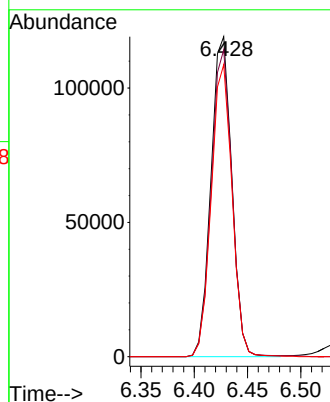
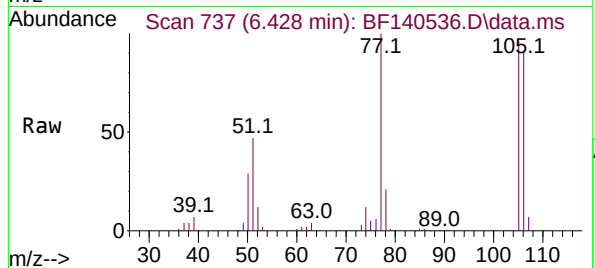
106 91.2 72.0 112.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#10

Phenol

Concen: 41.030 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

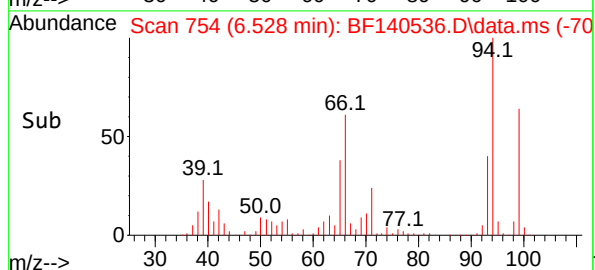
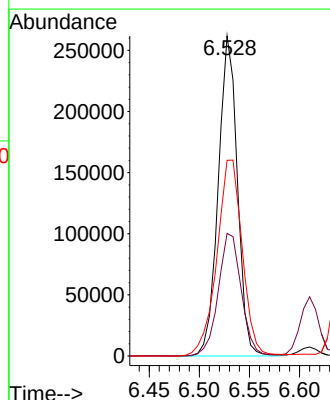
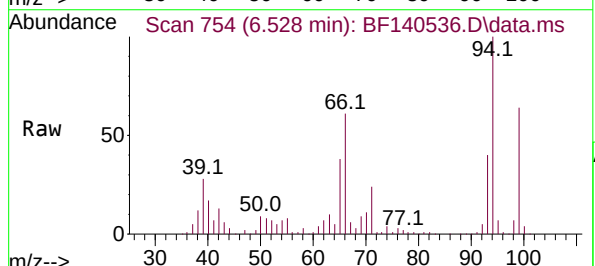
Tgt Ion: 94 Resp: 346860

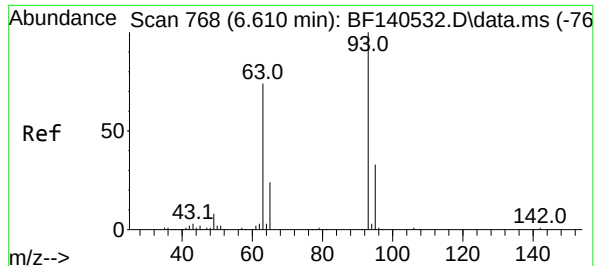
Ion Ratio Lower Upper

94 100

65 38.3 17.2 57.2

66 61.2 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 39.796 ng

RT: 6.610 min Scan# 768

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 93 Resp: 25744

Ion Ratio Lower Upper

93 100

63 73.7 52.8 92.8

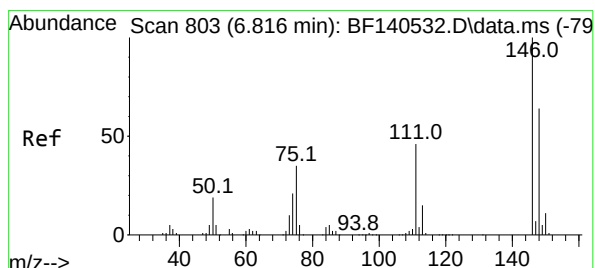
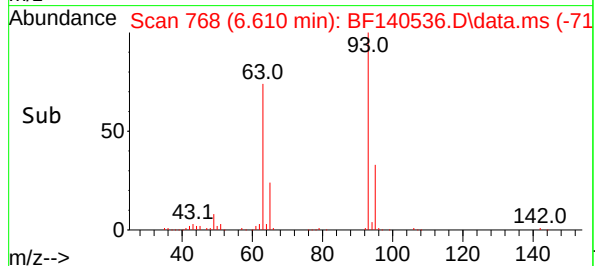
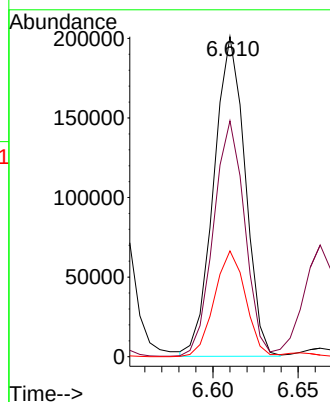
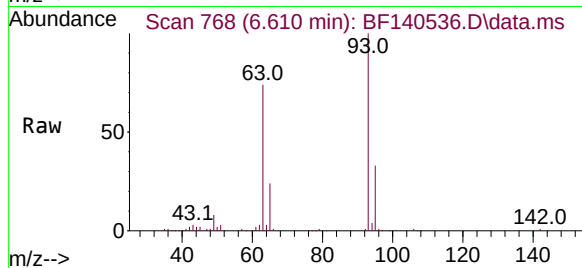
95 33.0 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#12

1,3-Dichlorobenzene

Concen: 39.732 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

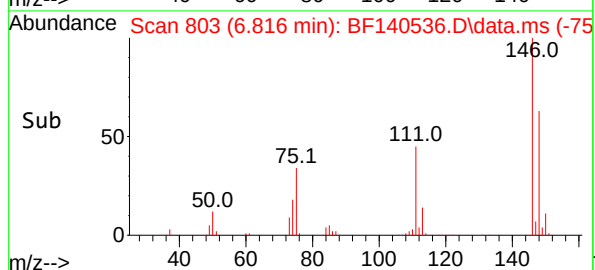
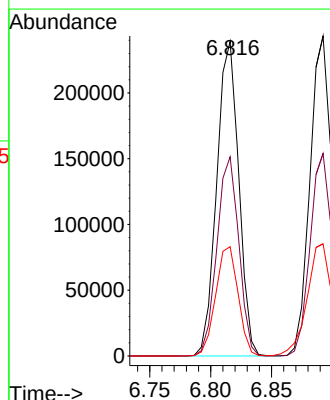
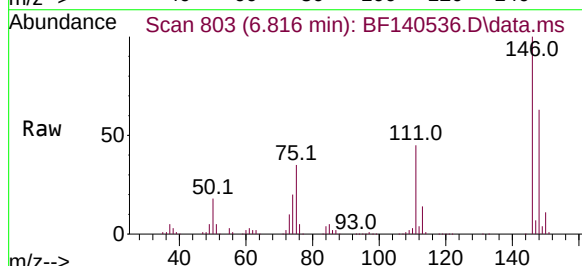
Tgt Ion:146 Resp: 300749

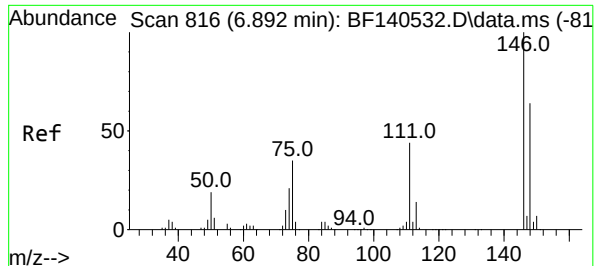
Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

75 34.7 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.668 ng

RT: 6.892 min Scan# 816

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:146 Resp: 304030

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

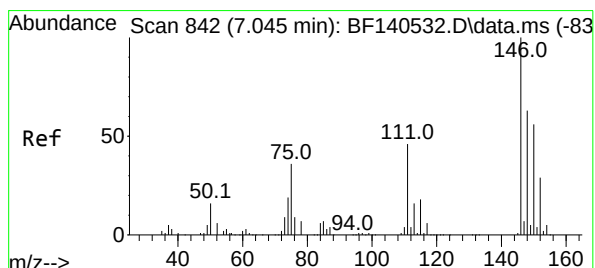
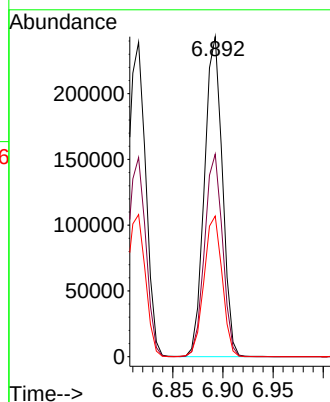
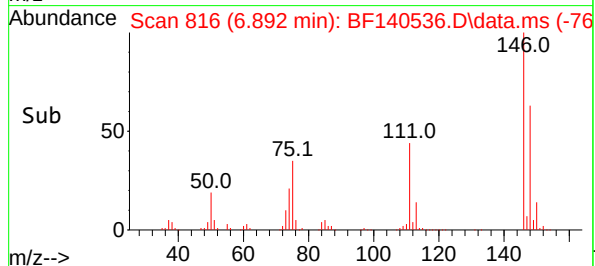
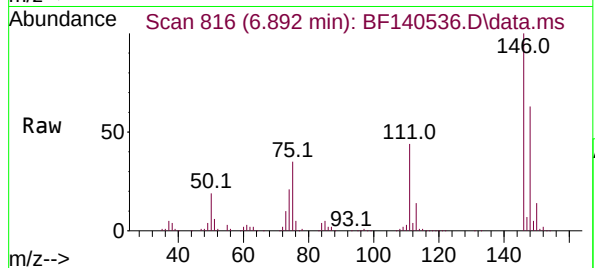
111 44.0 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#14

1,2-Dichlorobenzene

Concen: 39.406 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

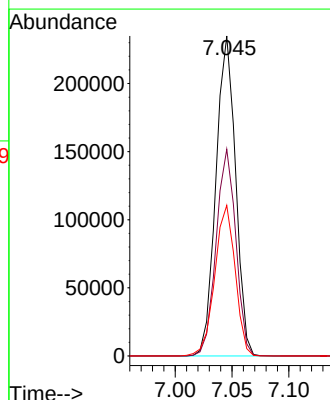
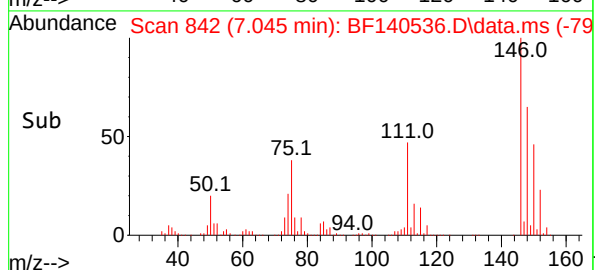
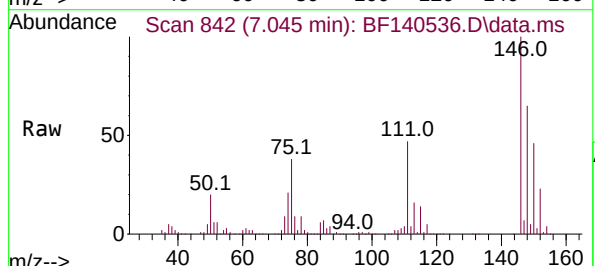
Tgt Ion:146 Resp: 283001

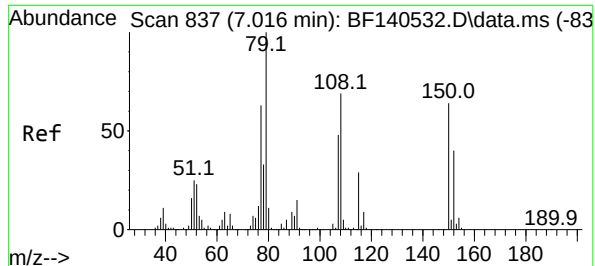
Ion Ratio Lower Upper

146 100

148 64.6 50.5 75.7

111 47.1 36.7 55.1





#15

Benzyl Alcohol

Concen: 41.993 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 79 Resp: 25778

Ion Ratio Lower Upper

79 100

108 70.9 55.0 82.6

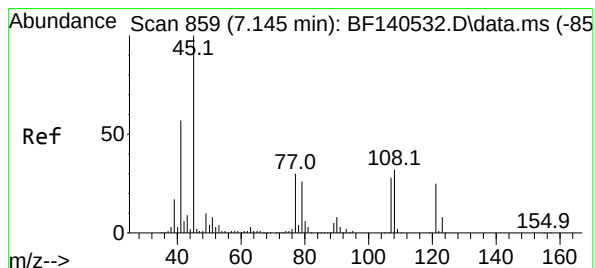
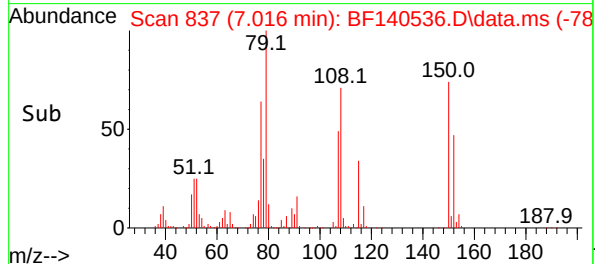
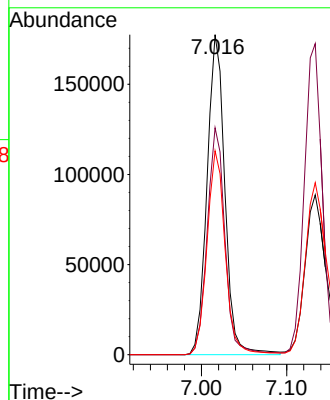
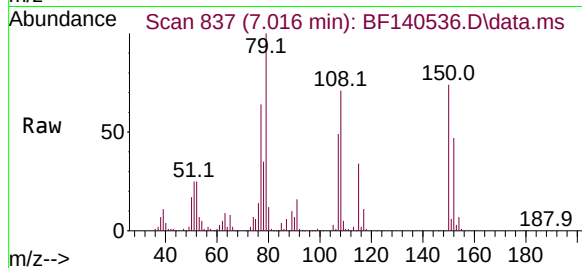
77 63.7 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.183 ng

RT: 7.145 min Scan# 859

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

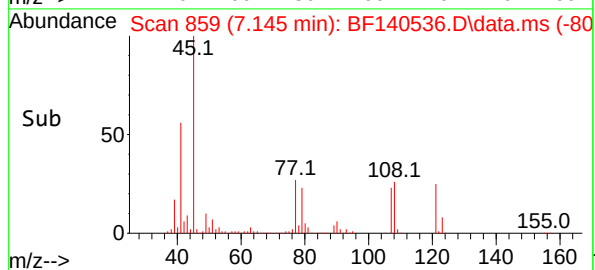
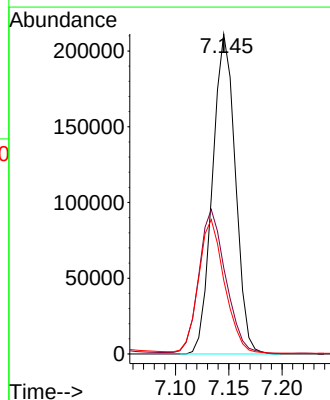
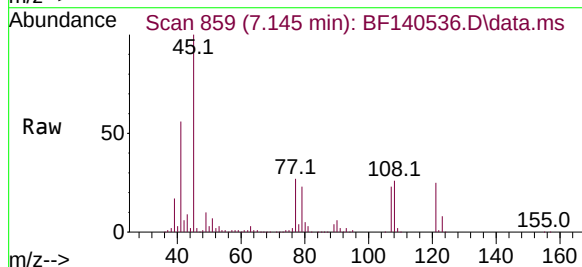
Tgt Ion: 45 Resp: 314742

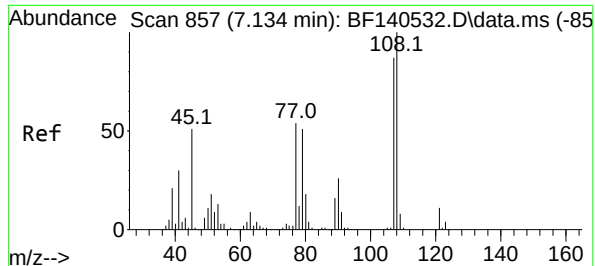
Ion Ratio Lower Upper

45 100

77 26.9 10.7 50.7

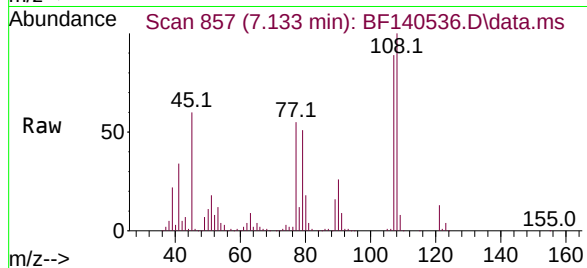
79 23.0 7.0 47.0





#17
2-Methylphenol
Concen: 41.606 ng
RT: 7.133 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

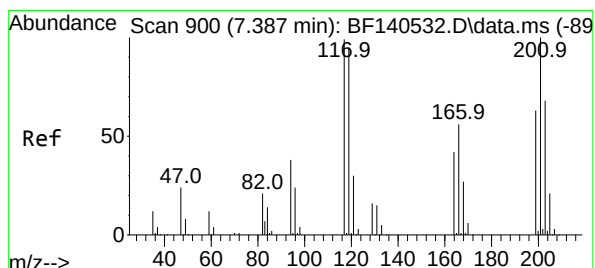
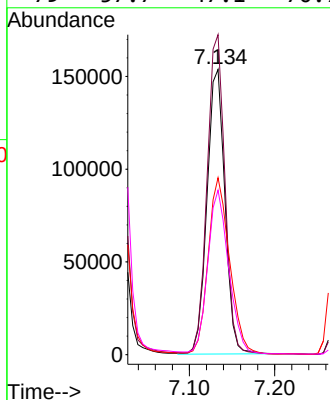
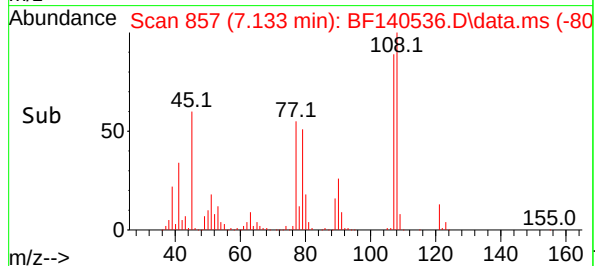
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



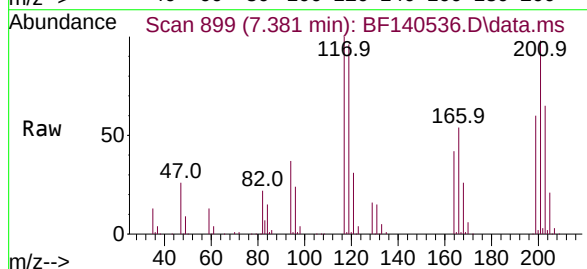
Tgt Ion:107 Resp: 22435
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 62.0 49.3 73.9
79 57.7 47.1 70.7

Manual Integrations
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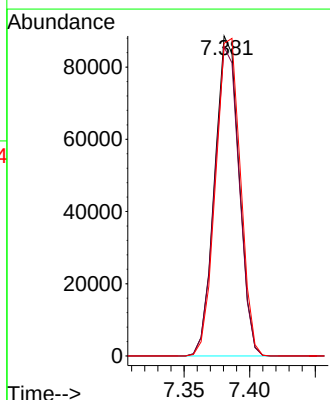
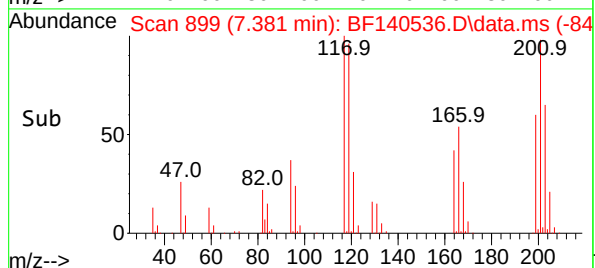
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

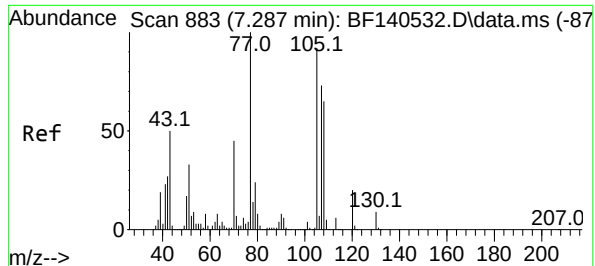


#18
Hexachloroethane
Concen: 40.108 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:117 Resp: 114809
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7
201 97.7 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.038 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 70 Resp: 205658

Ion Ratio Lower Upper

70 100

42 58.8 47.6 71.4

101 9.8 7.6 11.4

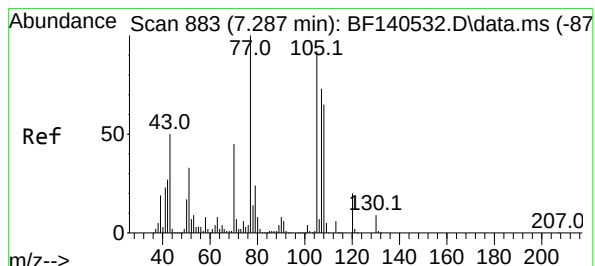
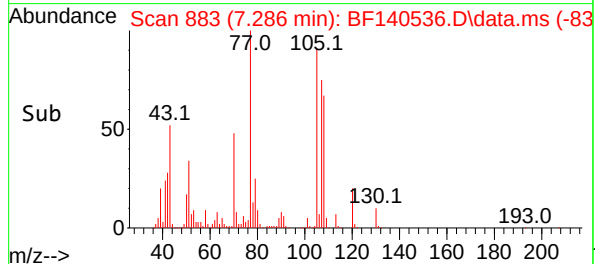
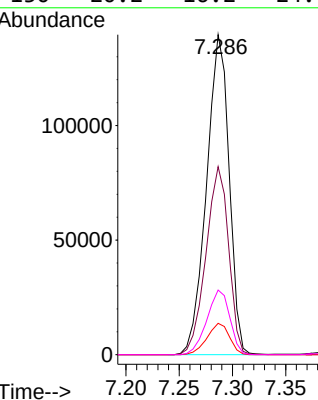
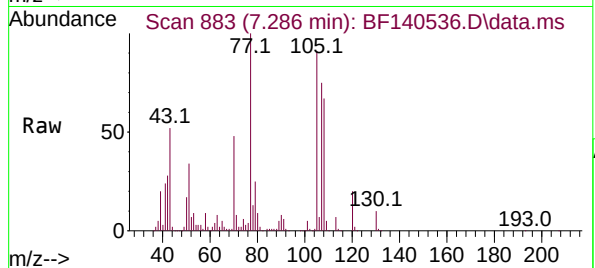
130 20.2 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#20

3+4-Methylphenols

Concen: 41.536 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:107 Resp: 287897

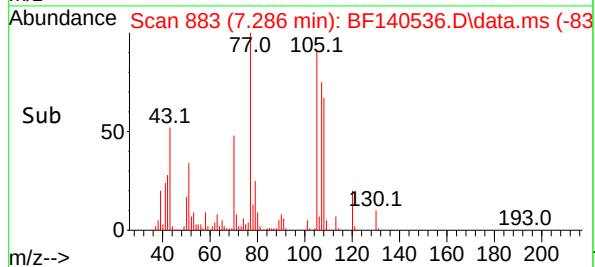
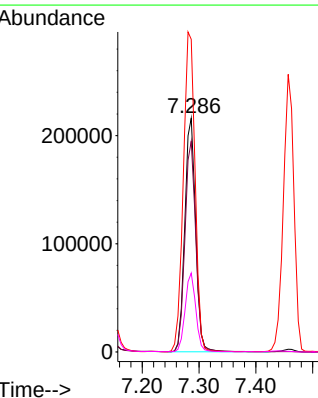
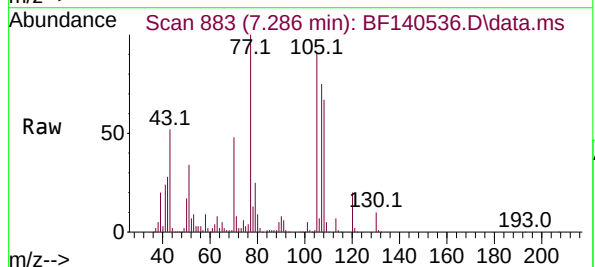
Ion Ratio Lower Upper

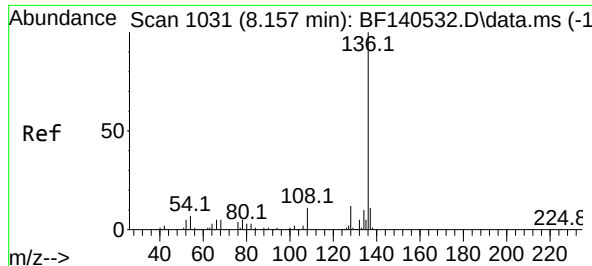
107 100

108 90.2 69.9 109.9

77 133.8 117.7 157.7

79 33.7 13.4 53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:136 Resp: 417612

Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.9 5.8 8.8

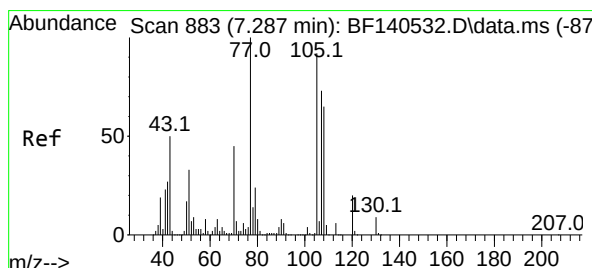
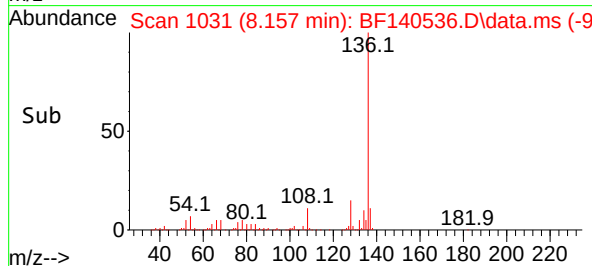
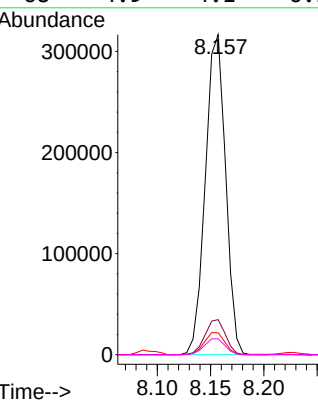
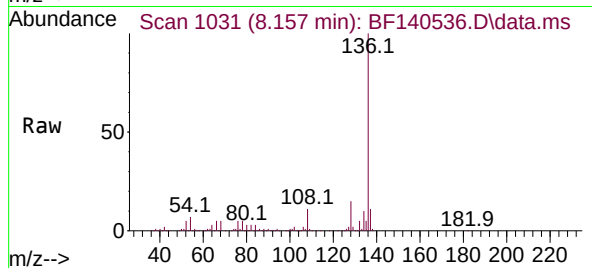
68 4.9 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#22

Acetophenone

Concen: 38.963 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:105 Resp: 396692

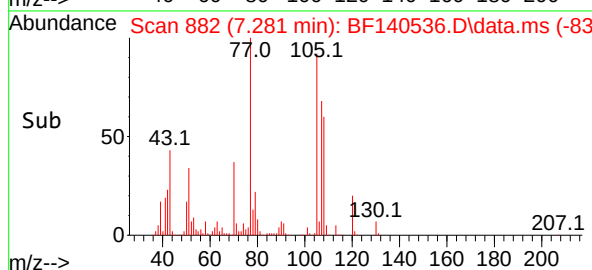
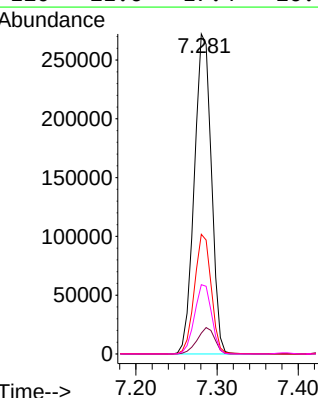
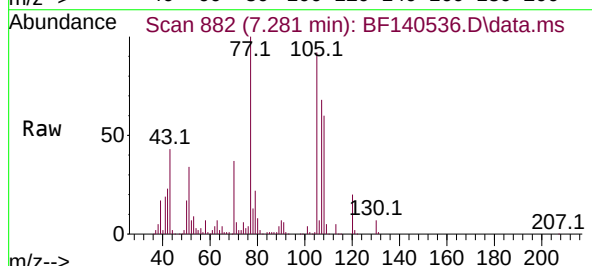
Ion Ratio Lower Upper

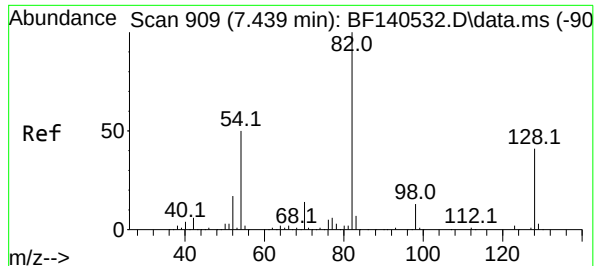
105 100

71 6.5 6.2 9.2

51 37.4 29.0 43.6

120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 78.907 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 82 Resp: 644220

Ion Ratio Lower Upper

82 100

128 42.1 33.0 49.4

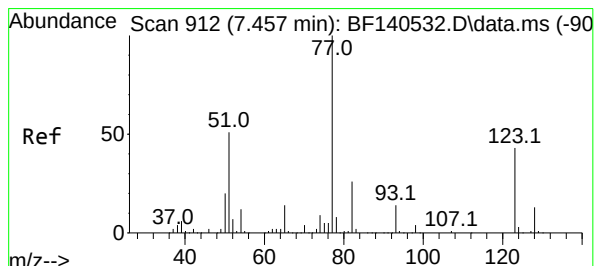
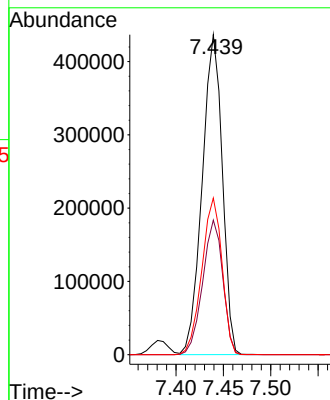
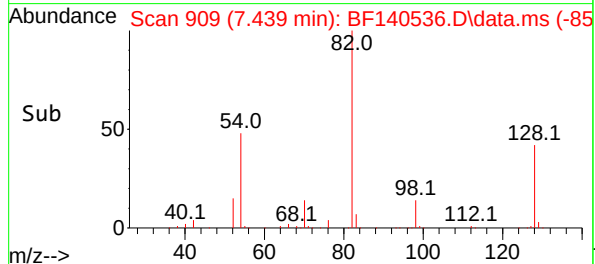
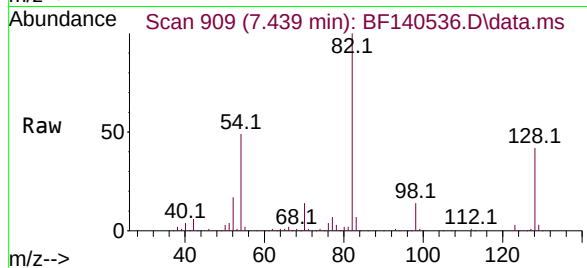
54 49.0 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 39.127 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

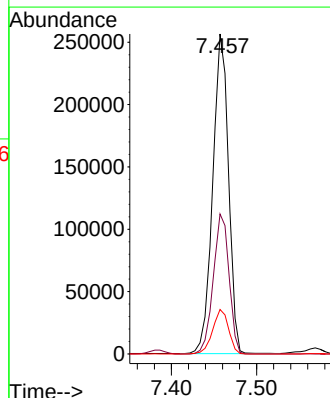
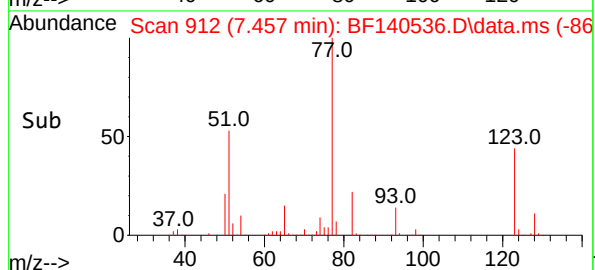
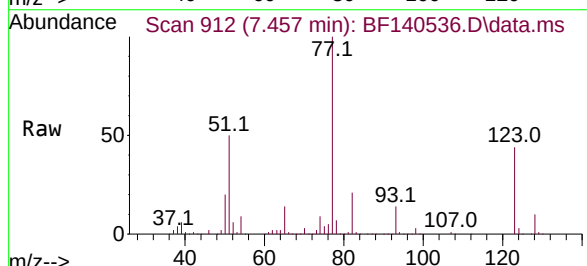
Tgt Ion: 77 Resp: 330161

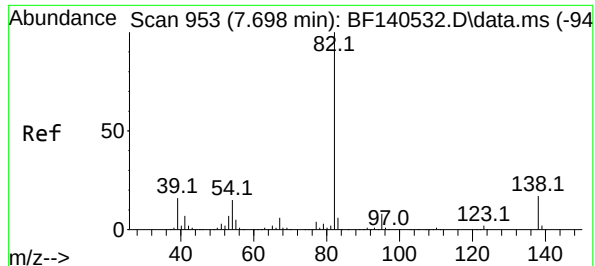
Ion Ratio Lower Upper

77 100

123 43.8 34.3 51.5

65 13.9 11.2 16.8





#25

Isophorone

Concen: 40.332 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 82 Resp: 54922

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

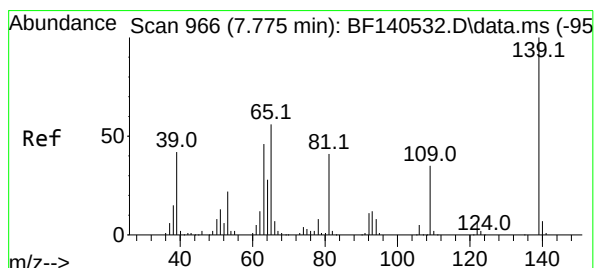
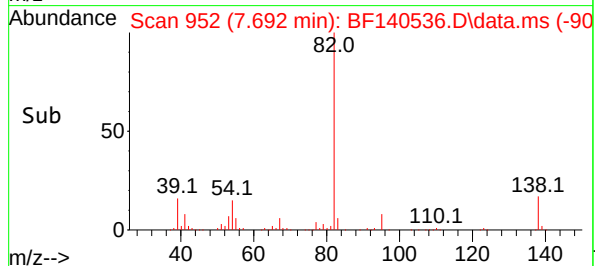
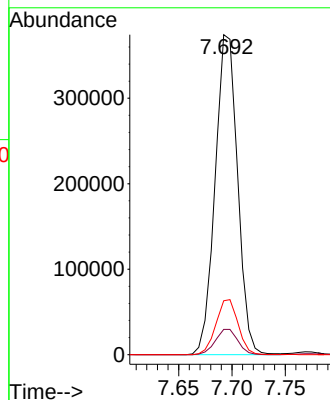
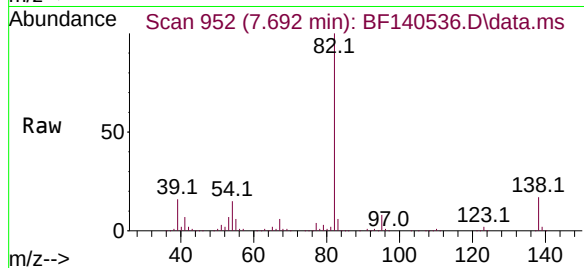
138 16.9 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#26

2-Nitrophenol

Concen: 40.372 ng

RT: 7.769 min Scan# 965

Delta R.T. -0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

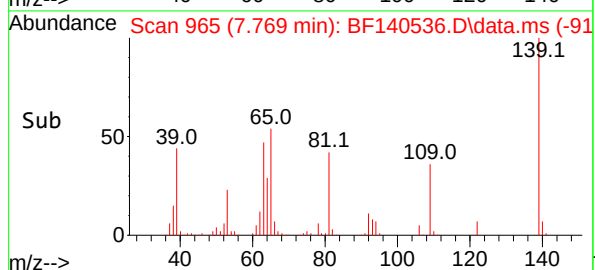
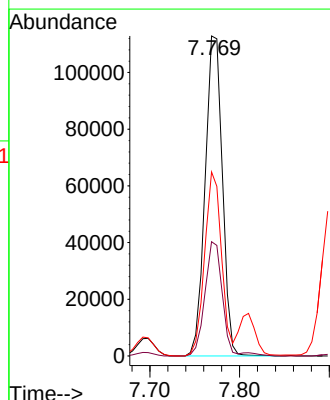
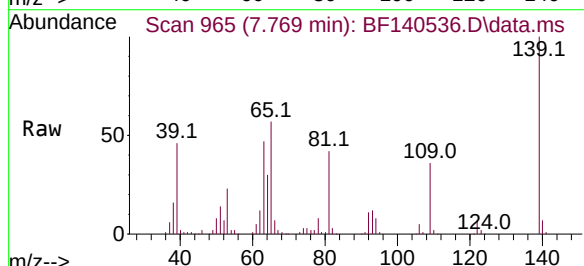
Tgt Ion:139 Resp: 150969

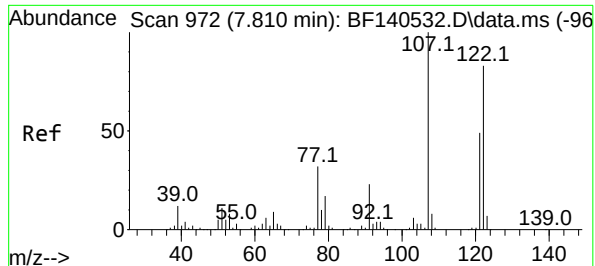
Ion Ratio Lower Upper

139 100

109 35.7 28.0 42.0

65 57.5 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 39.568 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:122 Resp: 17703

Ion Ratio Lower Upper

122 100

107 120.3 96.8 145.2

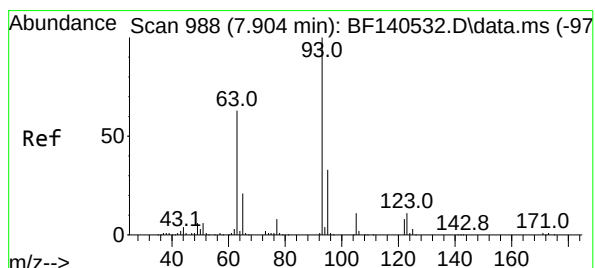
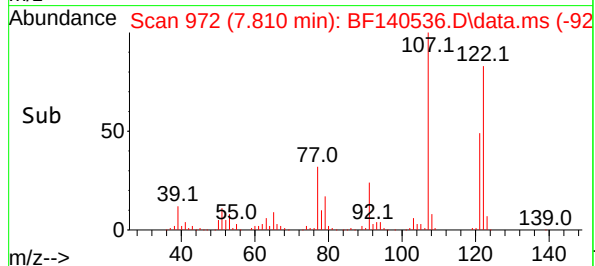
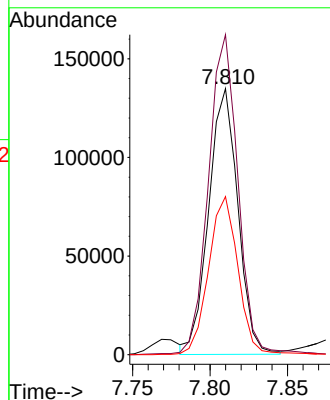
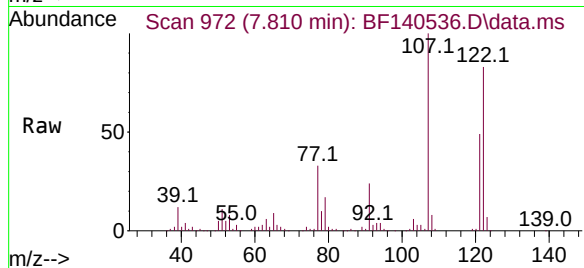
121 59.4 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.938 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

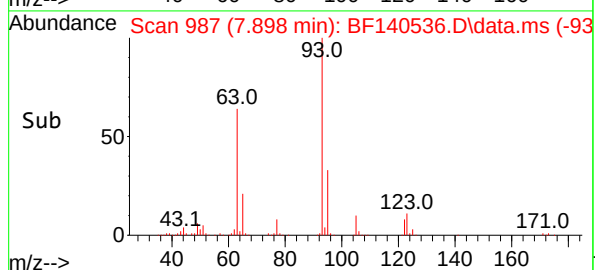
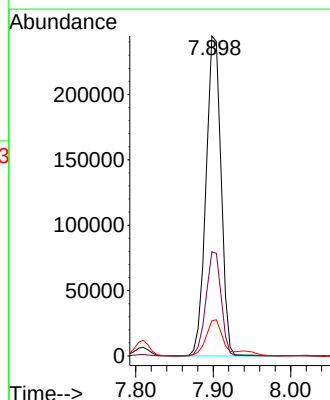
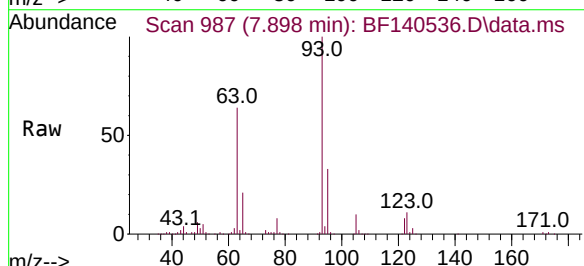
Tgt Ion: 93 Resp: 331321

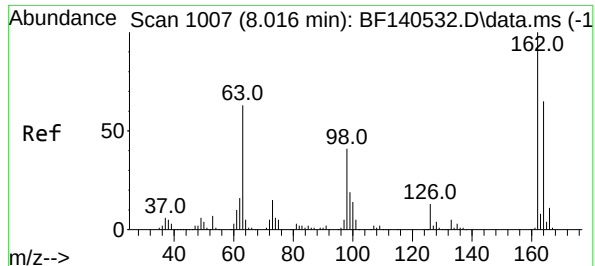
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.952 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140536.D

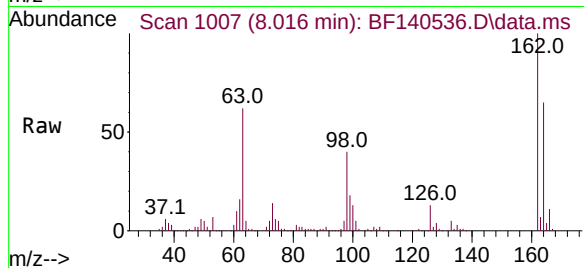
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



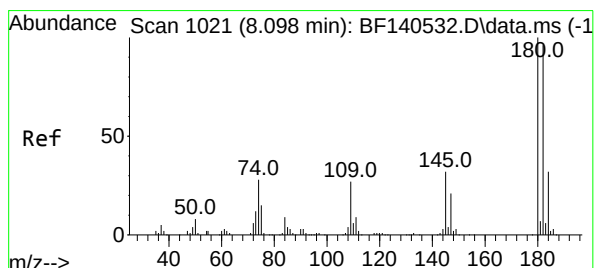
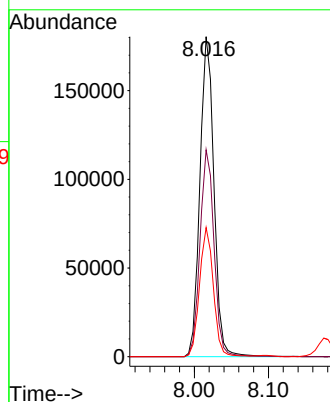
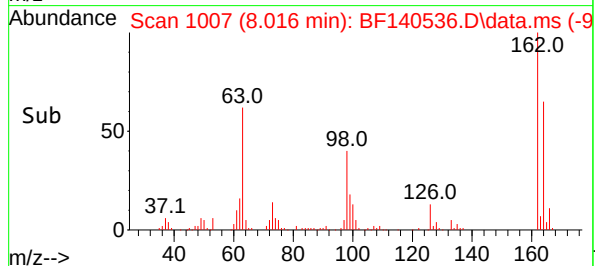
Tgt Ion:	162	Resp:	23685
Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.8	84.8
98	40.3	21.2	61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

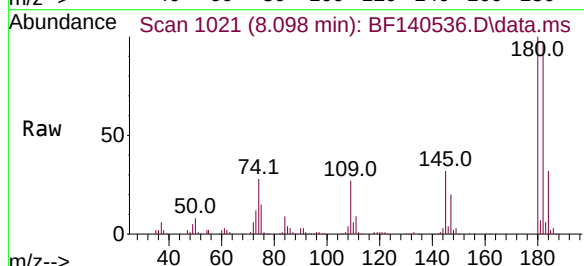
Concen: 38.901 ng

RT: 8.098 min Scan# 1021

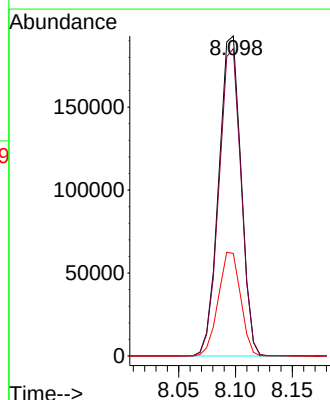
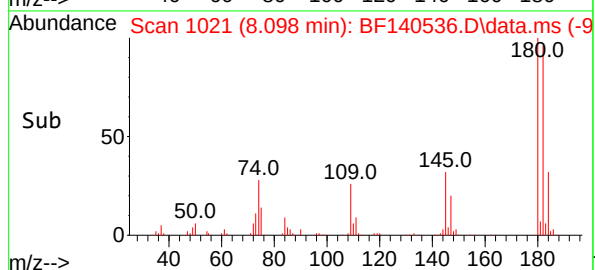
Delta R.T. -0.000 min

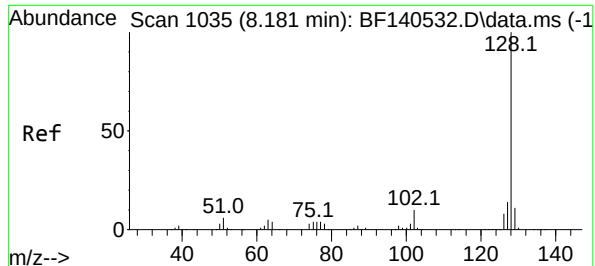
Lab File: BF140536.D

Acq: 21 Nov 2024 15:07



Tgt Ion:	180	Resp:	263327
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	32.1	25.9	38.9





#31

Naphthalene

Concen: 39.152 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:128 Resp: 84218

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

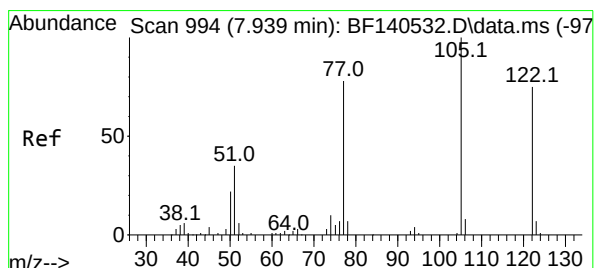
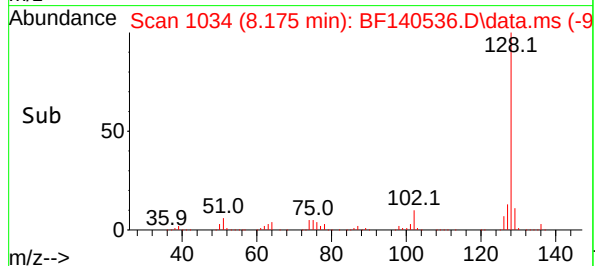
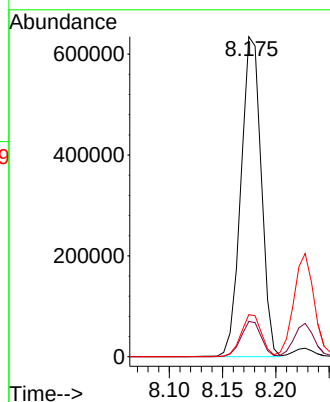
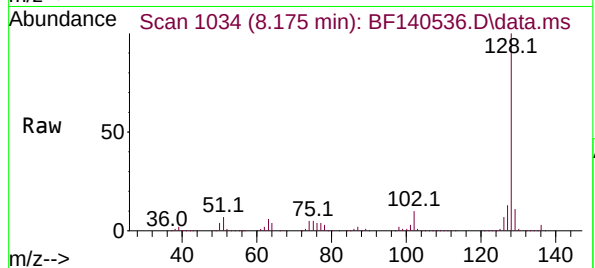
127 13.2 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#32

Benzoic acid

Concen: 41.429 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

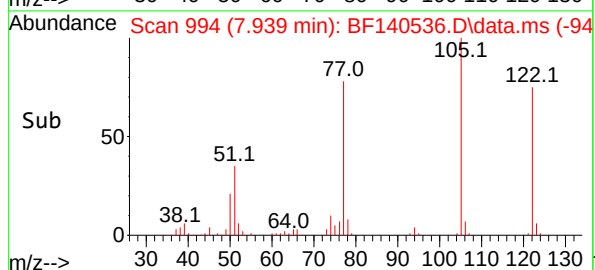
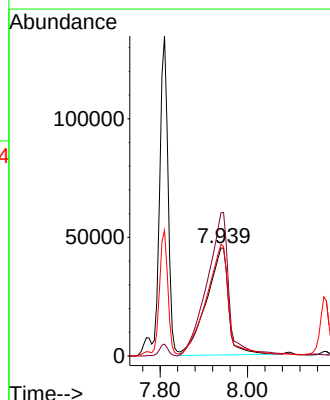
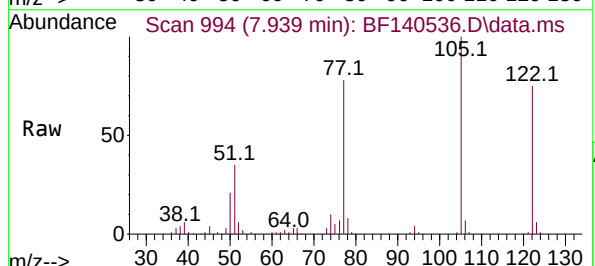
Tgt Ion:122 Resp: 156794

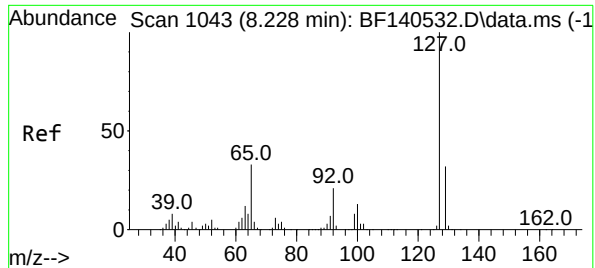
Ion Ratio Lower Upper

122 100

105 132.5 109.3 149.3

77 103.2 82.3 122.3





#33

4-Chloroaniline

Concen: 43.551 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:127 Resp: 28048

Ion Ratio Lower Upper

127 100

129 32.3 26.0 39.0

65 32.9 26.0 39.0

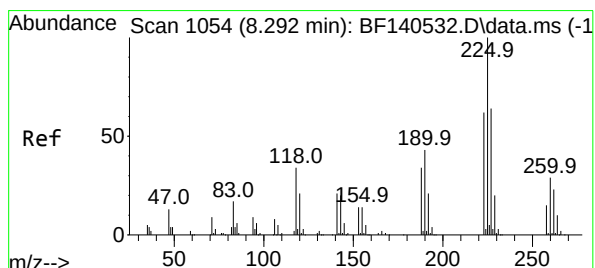
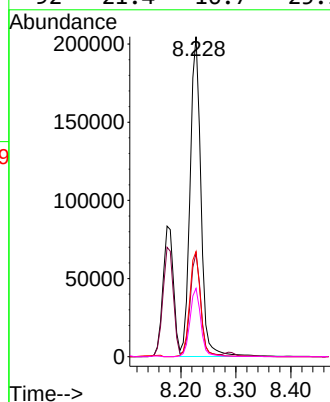
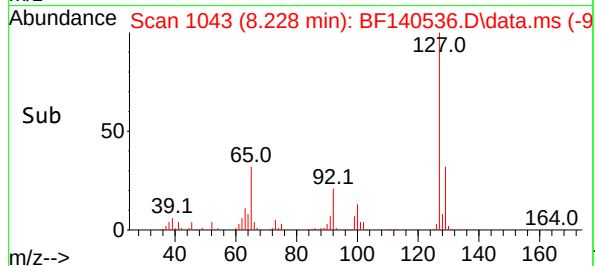
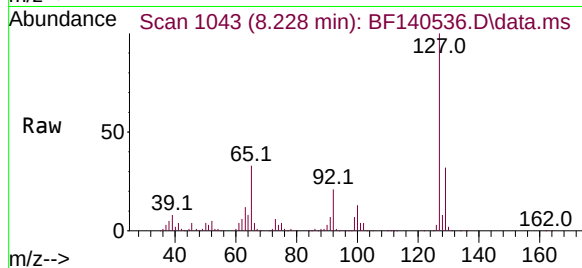
92 21.4 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#34

Hexachlorobutadiene

Concen: 39.406 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

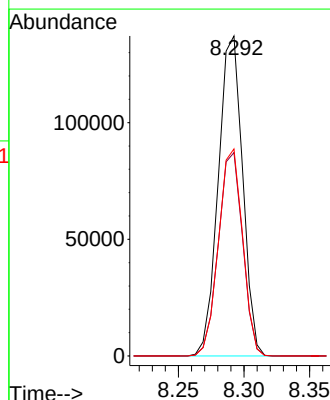
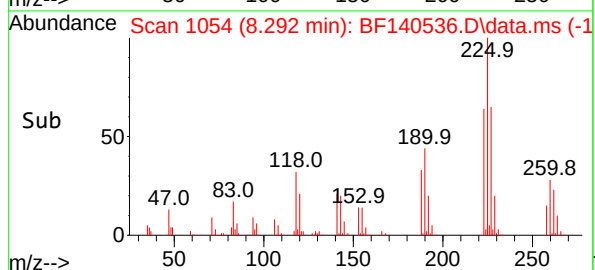
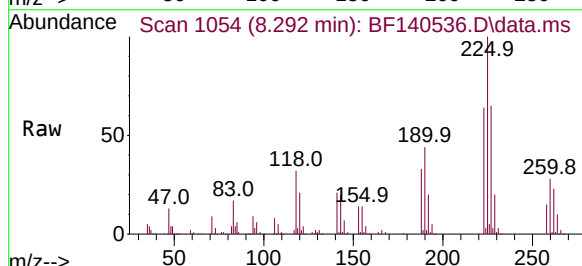
Tgt Ion:225 Resp: 176676

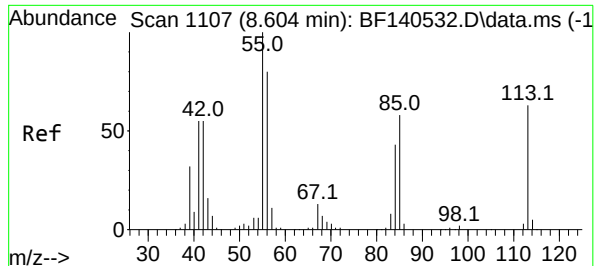
Ion Ratio Lower Upper

225 100

223 63.5 49.8 74.8

227 64.7 51.3 76.9





#35
Caprolactam
Concen: 40.381 ng
RT: 8.604 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

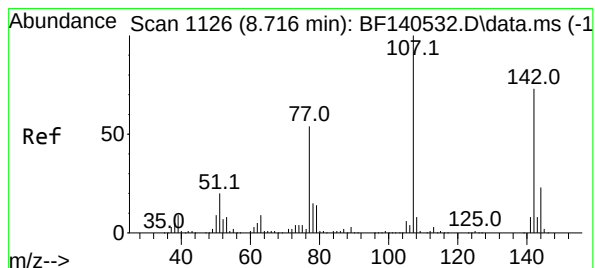
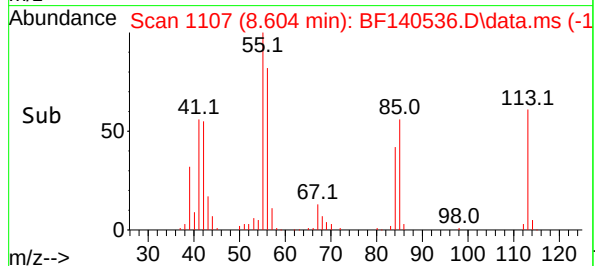
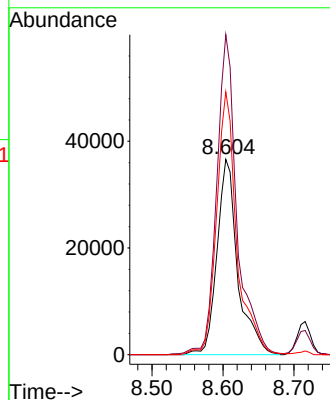
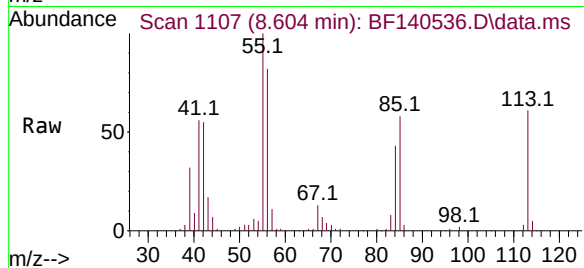
ClientSampleId :

ICVBF112124

Tgt Ion	Ratio	Lower	Upper
113	100		
55	163.7	137.7	177.7
56	134.5	106.4	146.4

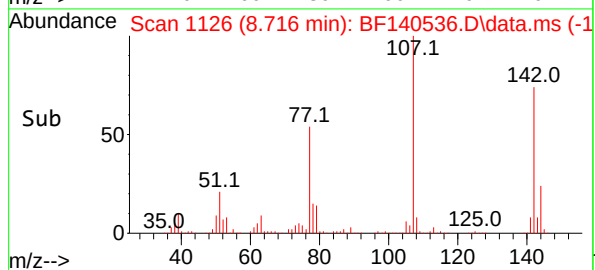
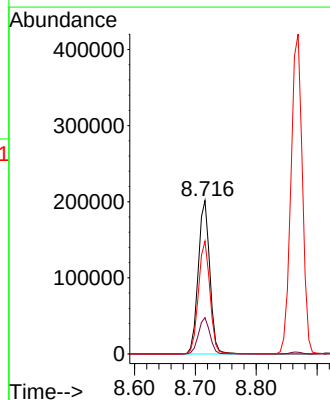
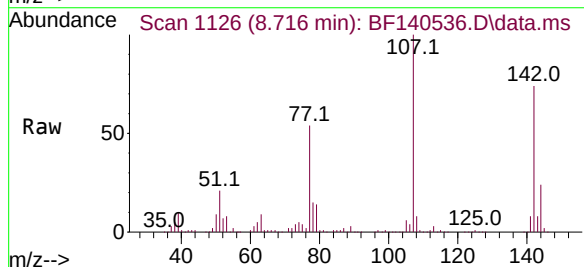
Manual Integrations
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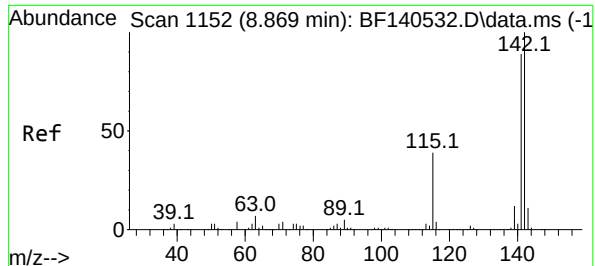
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 40.203 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	18.7	28.1
142	73.5	58.3	87.5





#37

2-Methylnaphthalene

Concen: 39.987 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:142 Resp: 54633

Ion Ratio Lower Upper

142 100

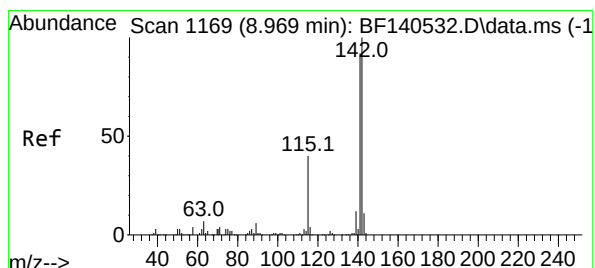
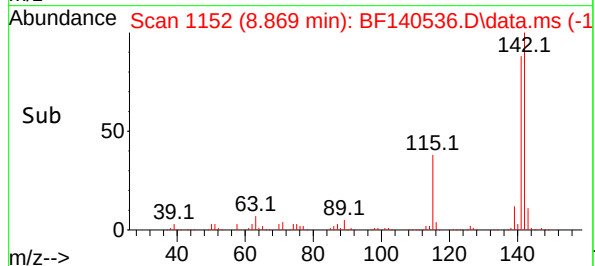
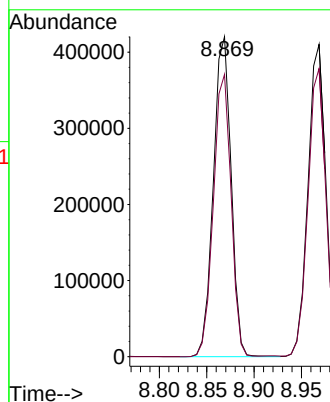
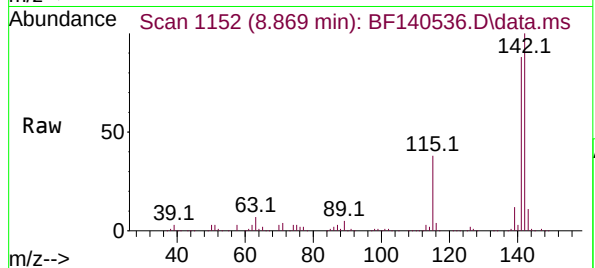
141 88.2 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#38

1-Methylnaphthalene

Concen: 39.688 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140536.D

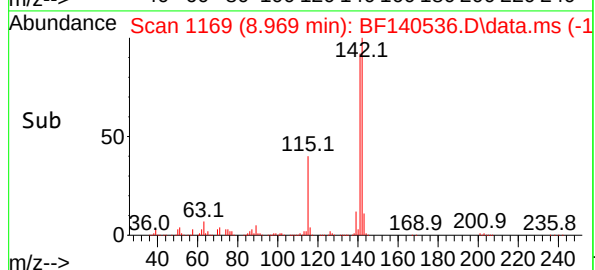
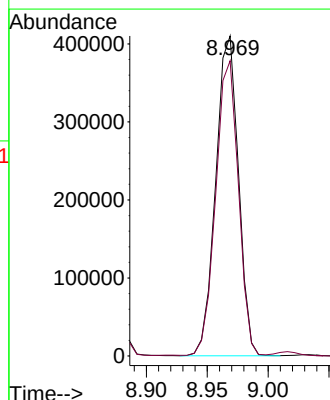
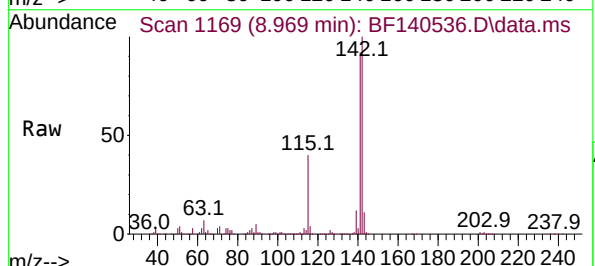
Acq: 21 Nov 2024 15:07

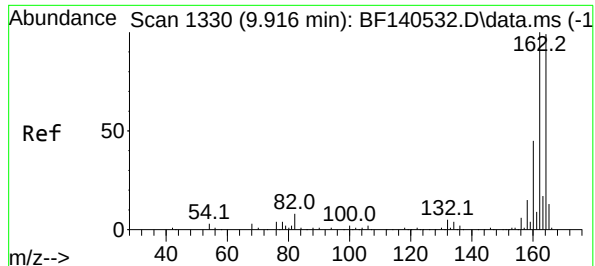
Tgt Ion:142 Resp: 531502

Ion Ratio Lower Upper

142 100

141 92.3 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140536.D

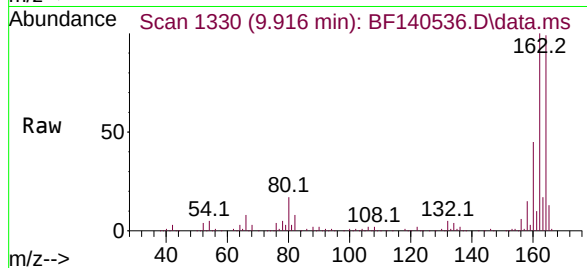
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



Tgt Ion:164 Resp: 239418

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

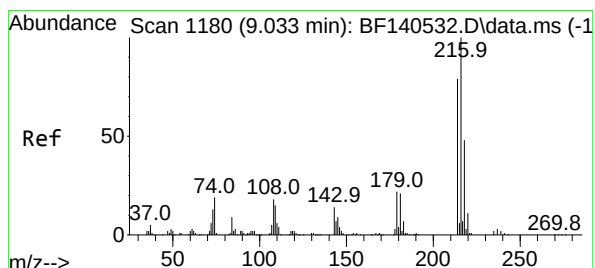
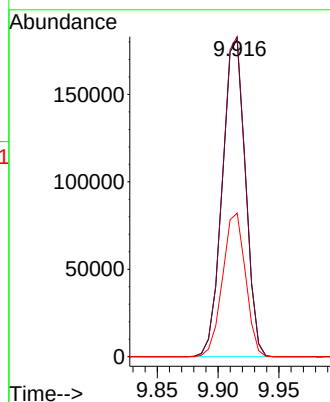
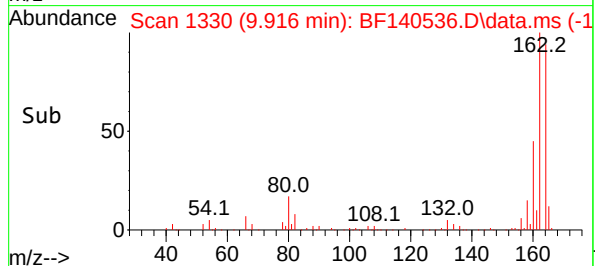
160 45.3 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.824 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:216 Resp: 272114

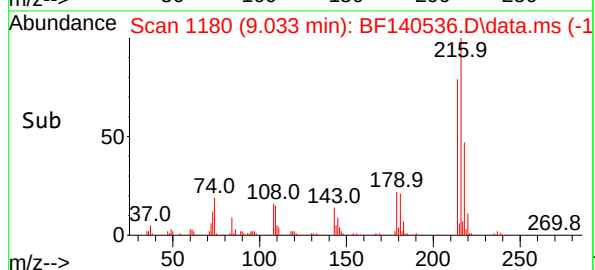
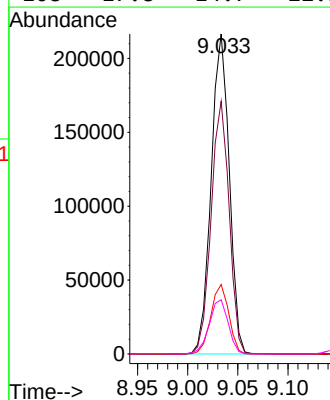
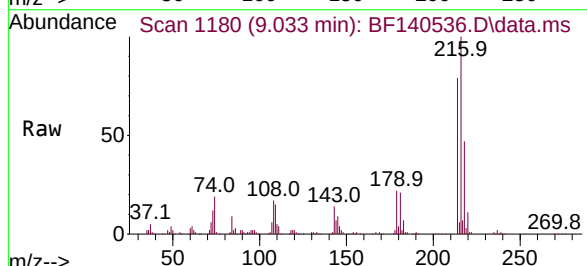
Ion Ratio Lower Upper

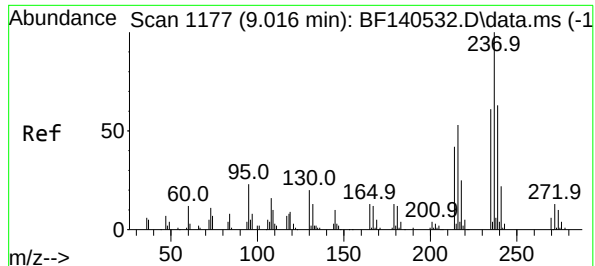
216 100

214 78.5 63.0 94.4

179 21.6 17.5 26.3

108 17.8 14.7 22.1





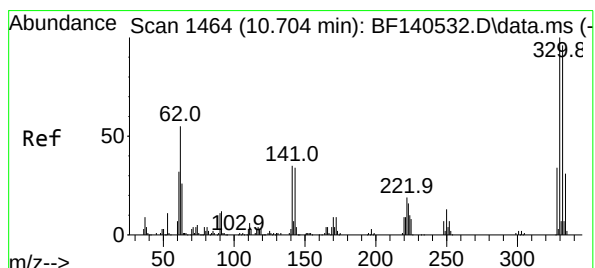
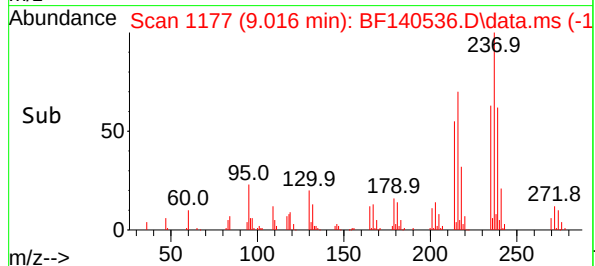
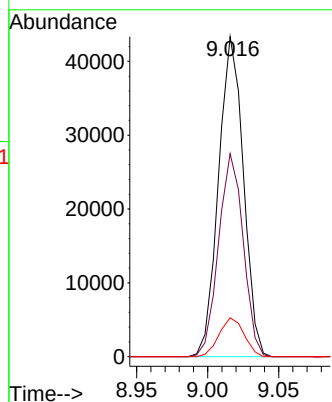
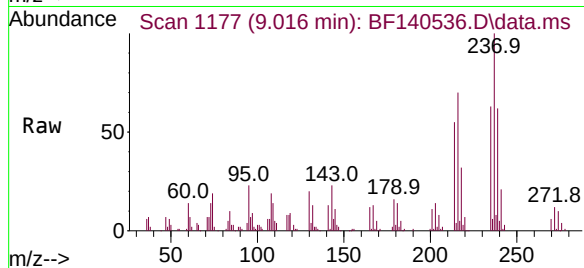
#41
Hexachlorocyclopentadiene
Concen: 37.711 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion:237 Resp: 52730
Ion Ratio Lower Upper
237 100
235 63.4 41.1 81.1
272 12.2 0.0 32.6

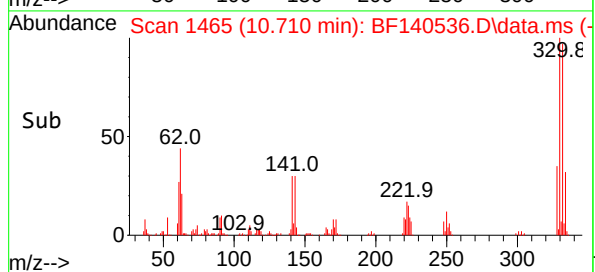
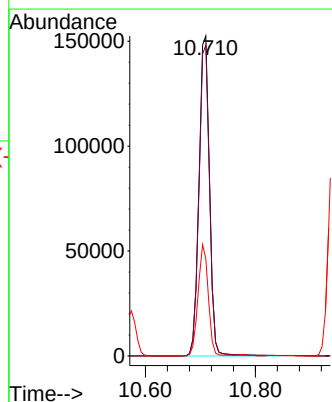
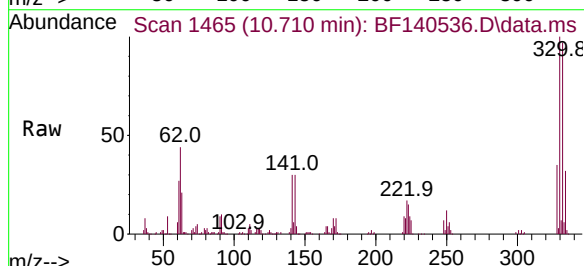
Manual Integrations
APPROVED

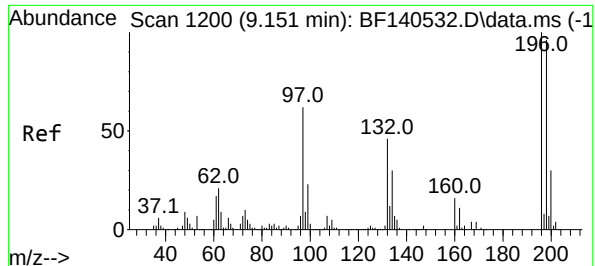
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 79.677 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:330 Resp: 204020
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 33.7 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 39.390 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF140536.D

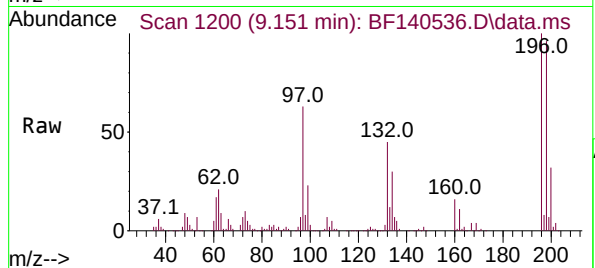
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



Tgt Ion:196 Resp: 173239

Ion Ratio Lower Upper

196 100

198 95.9 76.8 115.2

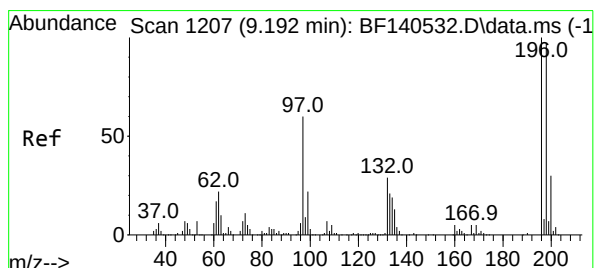
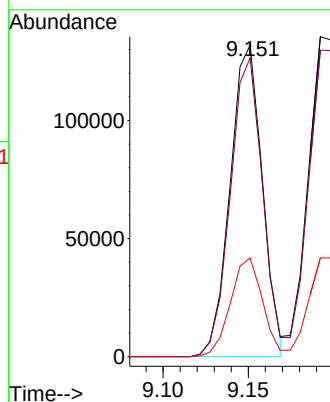
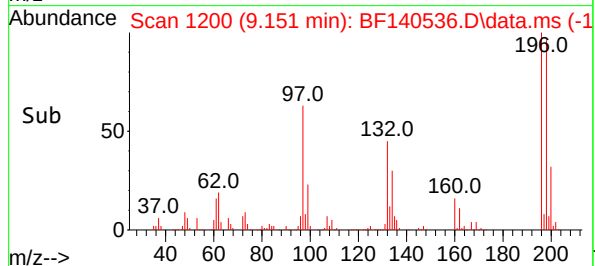
200 31.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

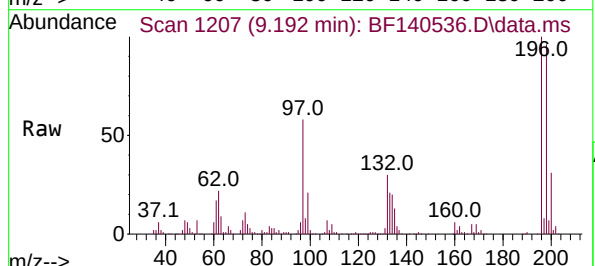
Concen: 40.302 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07



Tgt Ion:196 Resp: 192368

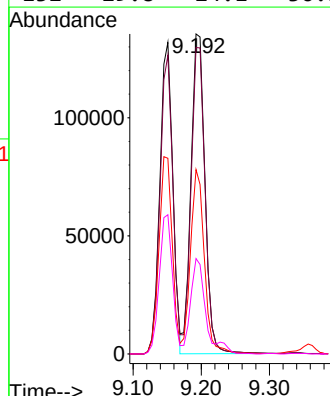
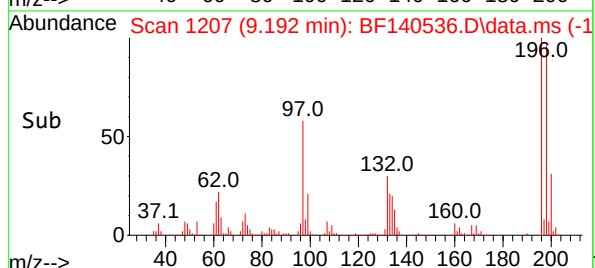
Ion Ratio Lower Upper

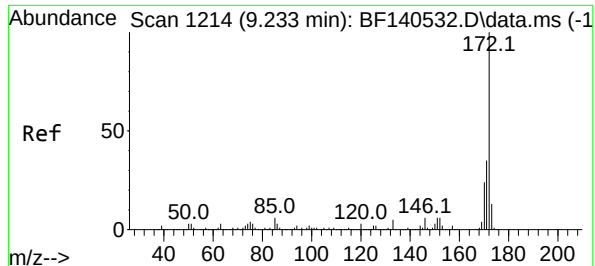
196 100

198 95.7 77.2 115.8

97 57.6 47.1 70.7

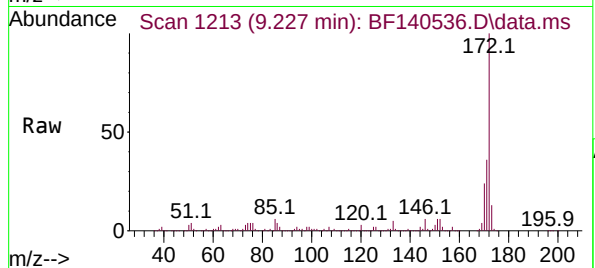
132 29.8 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 76.390 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

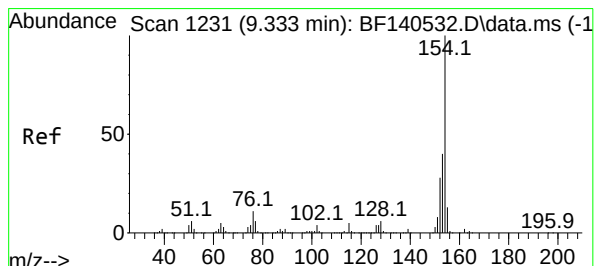
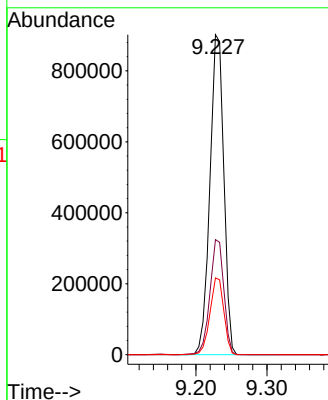
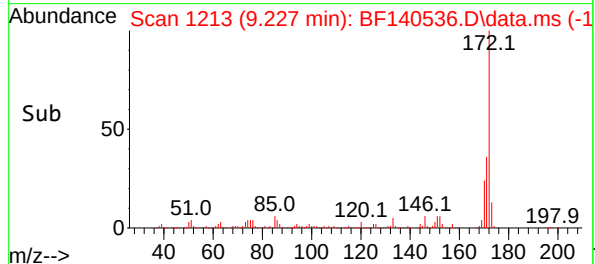
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:172 Resp: 122750
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.0 19.0 28.6

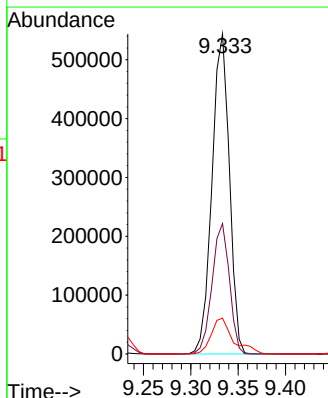
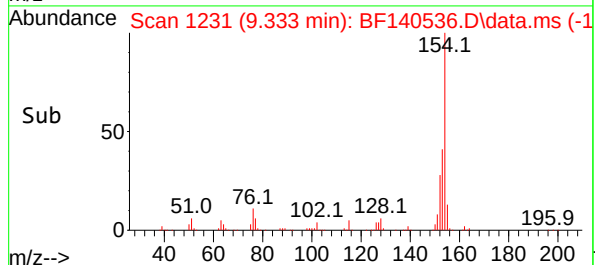
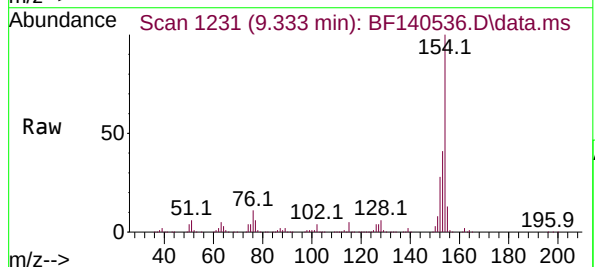
Manual Integrations
APPROVED

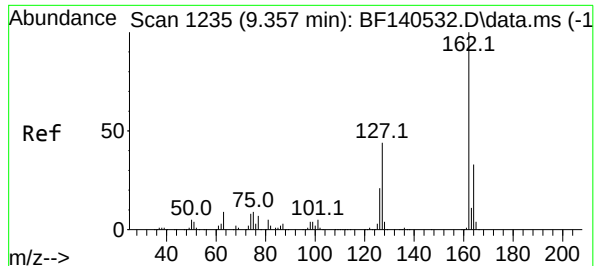
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 38.769 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:154 Resp: 693007
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.197 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:162 Resp: 53089

Ion Ratio Lower Upper

162 100

127 44.8 35.7 53.5

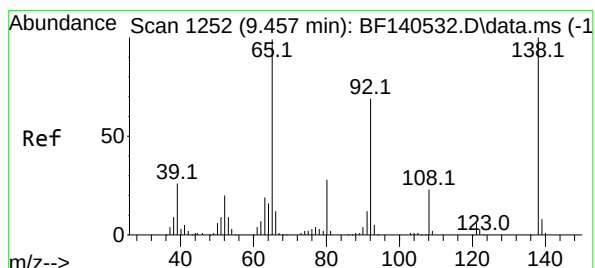
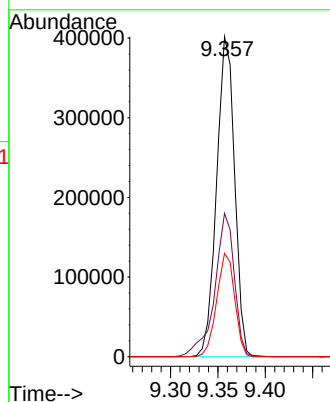
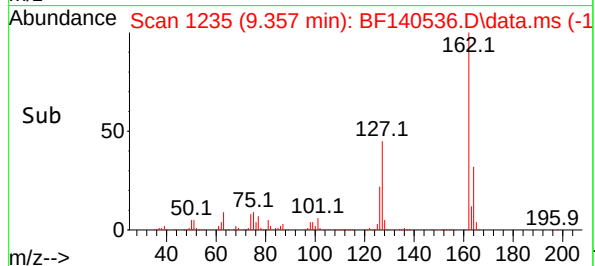
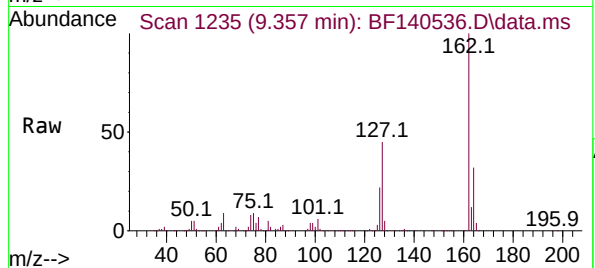
164 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 40.037 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

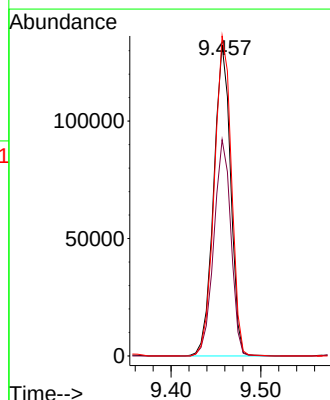
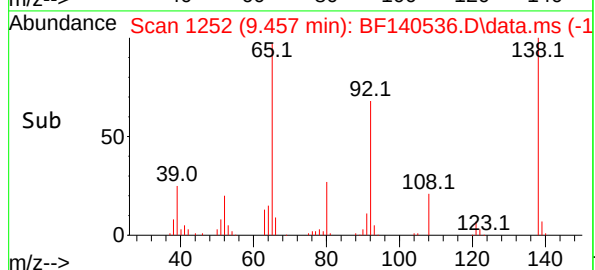
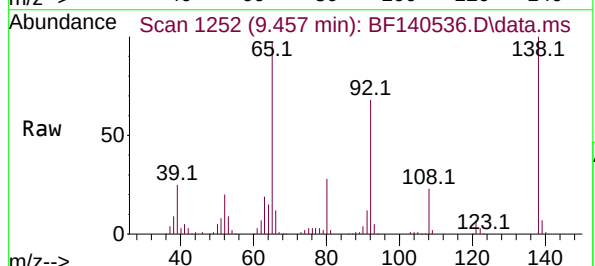
Tgt Ion: 65 Resp: 174060

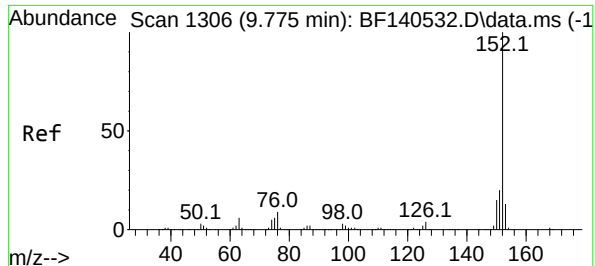
Ion Ratio Lower Upper

65 100

92 69.5 56.1 84.1

138 102.8 81.0 121.6





#49

Acenaphthylene

Concen: 38.850 ng

RT: 9.774 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

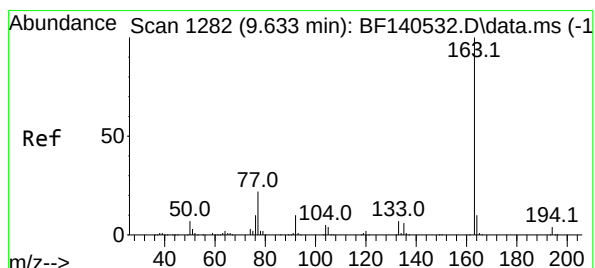
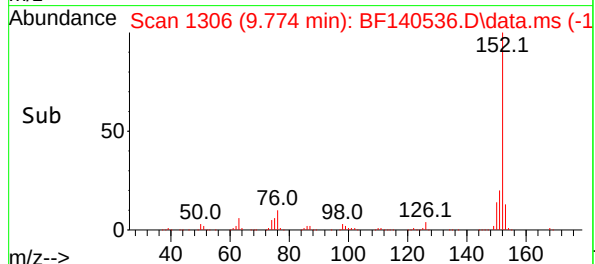
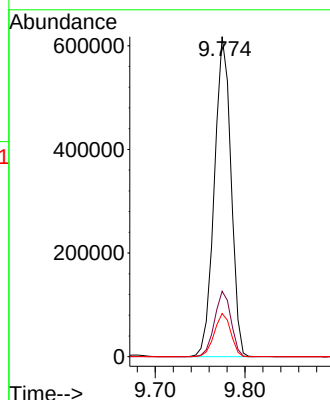
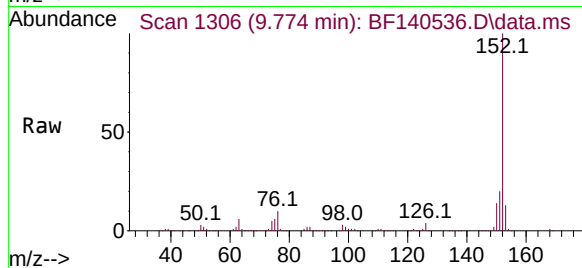
ICVBF112124

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.5	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#50

Dimethylphthalate

Concen: 39.591 ng

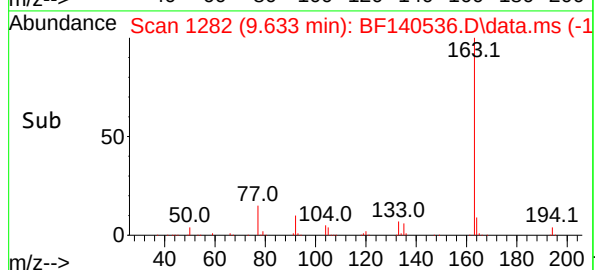
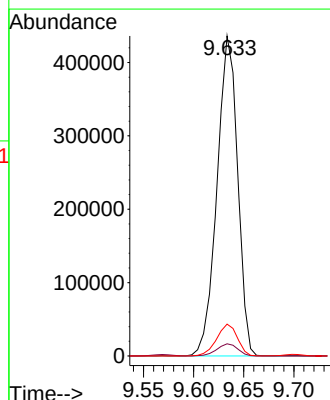
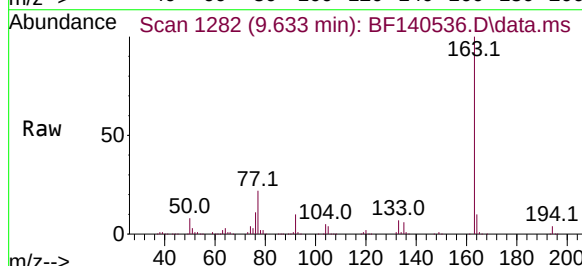
RT: 9.633 min Scan# 1282

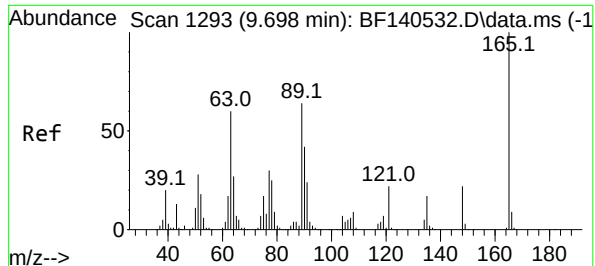
Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

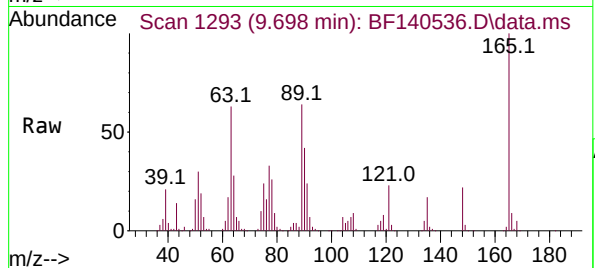
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.9	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 39.356 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

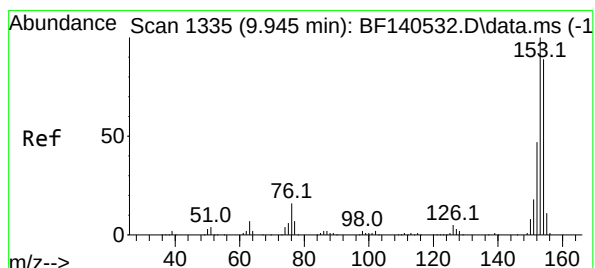
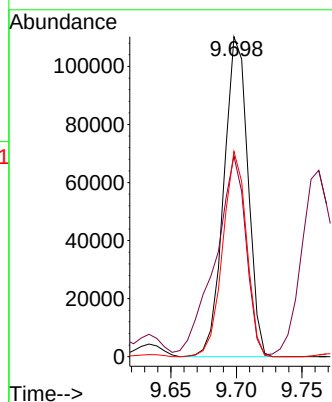
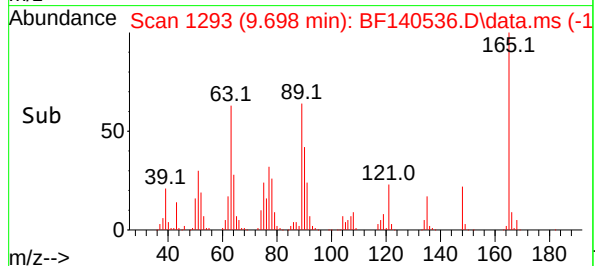
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:165 Resp: 140739
Ion Ratio Lower Upper
165 100
63 62.6 49.9 74.9
89 64.1 50.9 76.3

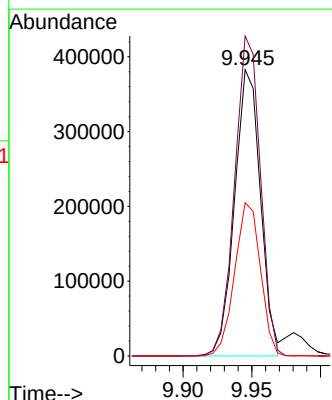
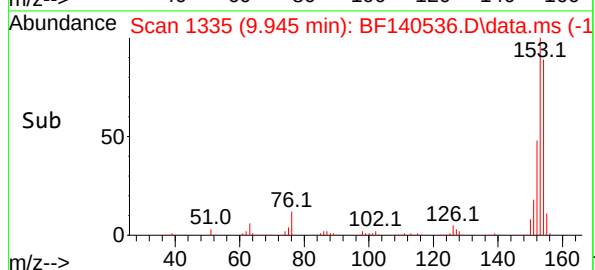
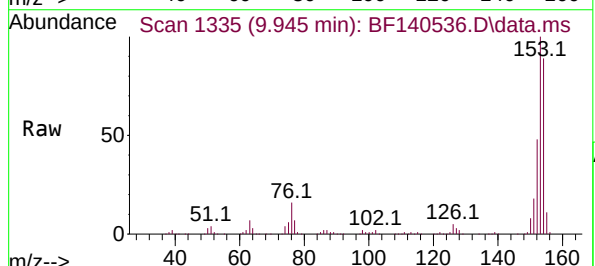
Manual Integrations
APPROVED

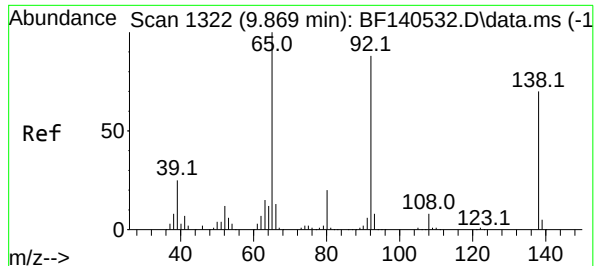
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 38.578 ng m
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

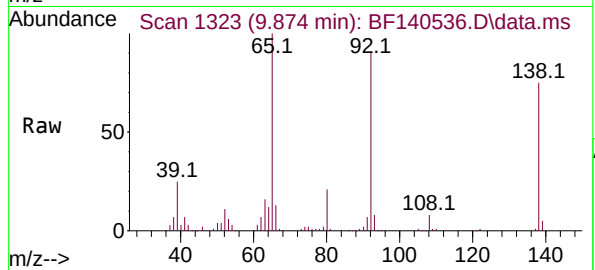
Tgt Ion:154 Resp: 501631
Ion Ratio Lower Upper
154 100
153 111.8 89.7 134.5
152 53.6 42.5 63.7





#53
3-Nitroaniline
Concen: 40.901 ng
RT: 9.874 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

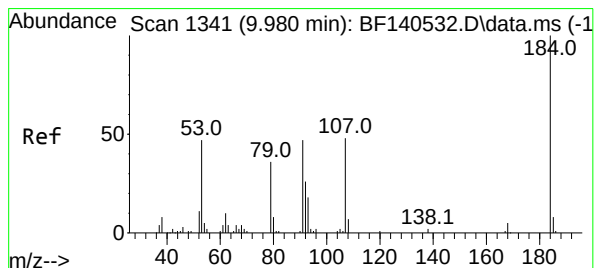
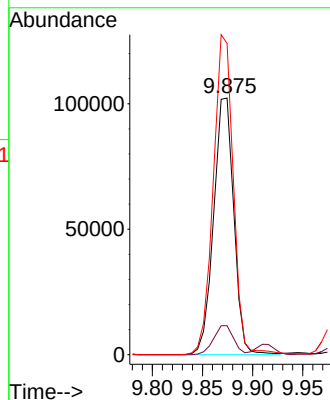
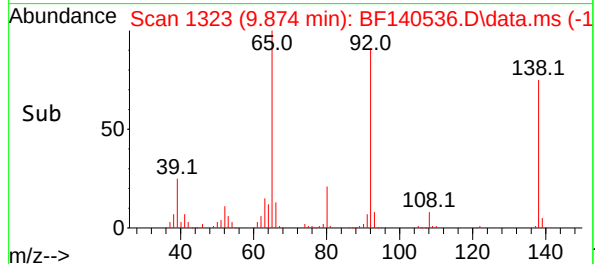
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:138 Resp: 14305
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 121.3 100.6 150.8

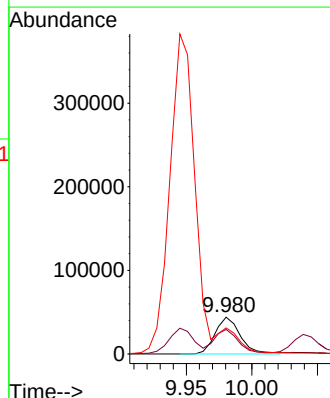
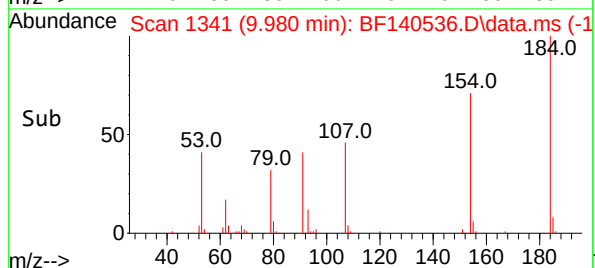
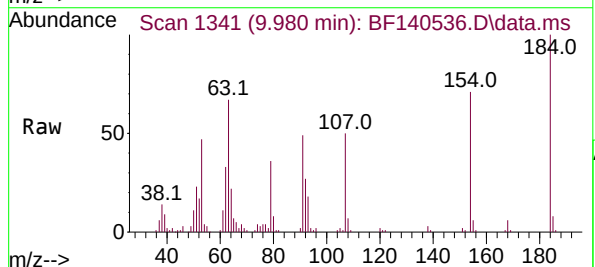
Manual Integrations
APPROVED

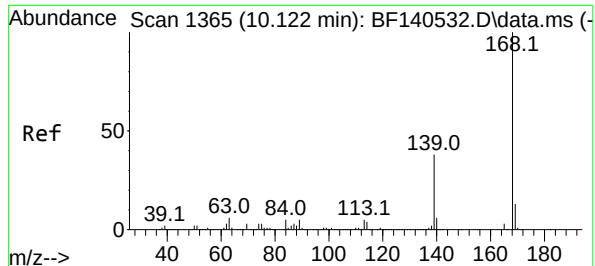
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 36.341 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:184 Resp: 58542
Ion Ratio Lower Upper
184 100
63 66.6 54.1 81.1
154 71.0 57.4 86.0





#55

Dibenzenofuran

Concen: 38.644 ng

RT: 10.122 min Scan# 1365

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:168 Resp: 766460

Ion Ratio Lower Upper

168 100

139 39.7 31.3 46.9

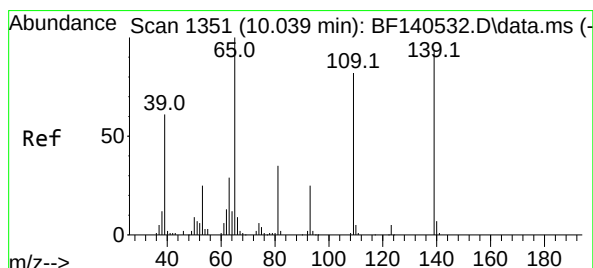
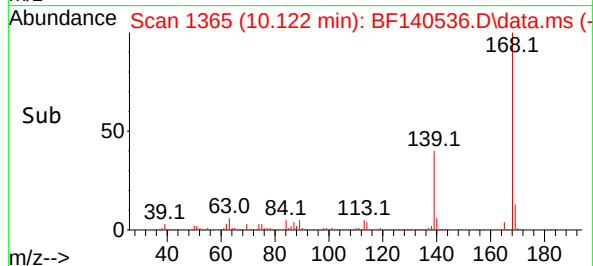
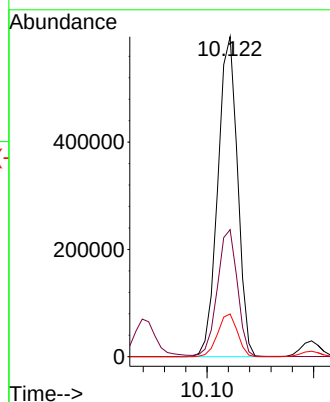
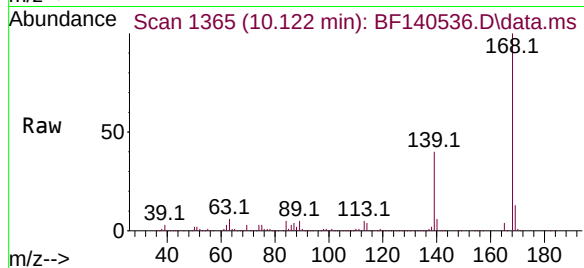
169 13.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#56

4-Nitrophenol

Concen: 42.263 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

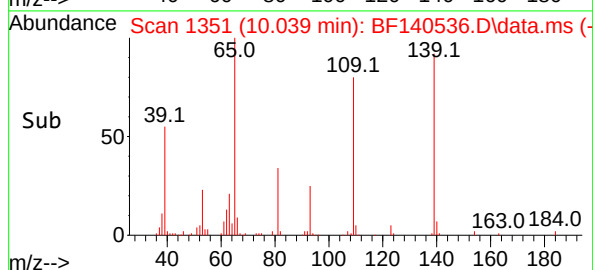
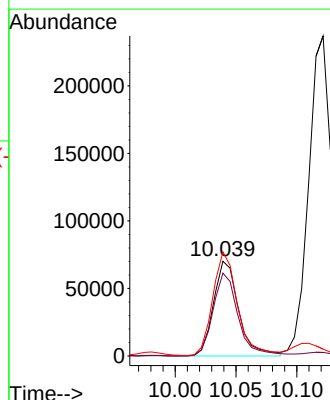
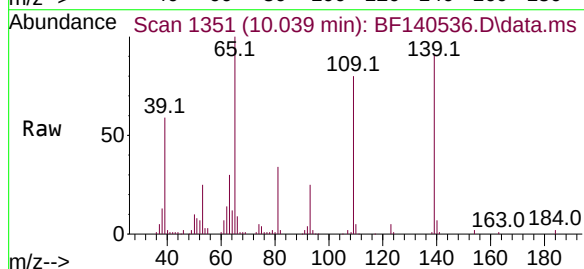
Tgt Ion:139 Resp: 100812

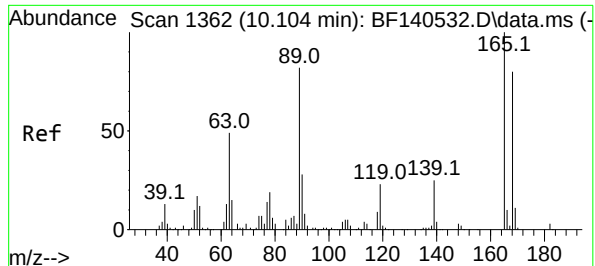
Ion Ratio Lower Upper

139 100

109 87.5 68.4 108.4

65 109.9 88.6 128.6





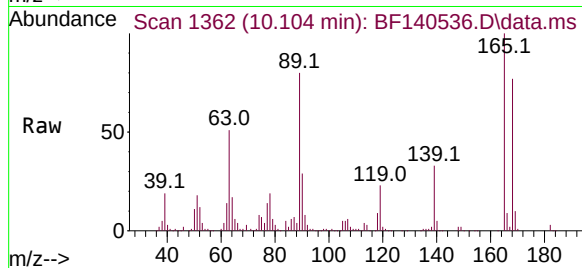
#57
2,4-Dinitrotoluene
Concen: 41.025 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

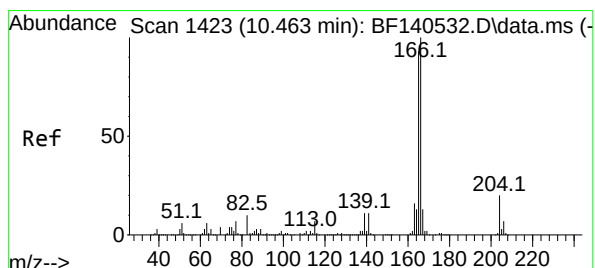
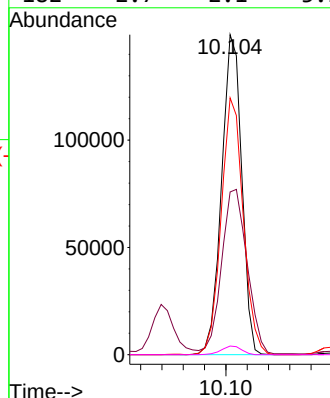
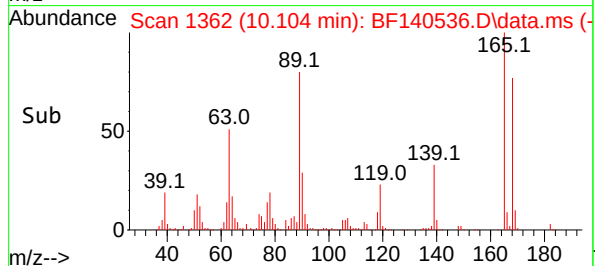


Tgt Ion:165 Resp: 194980
Ion Ratio Lower Upper
165 100
63 50.9 41.7 62.5
89 80.3 65.8 98.8
182 2.7 2.1 3.1

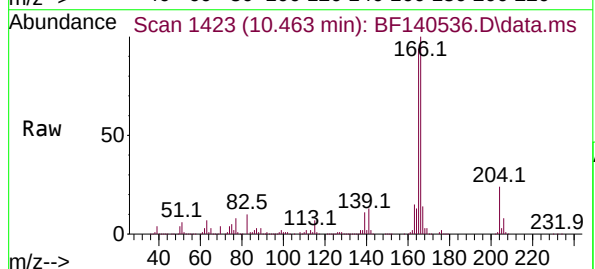
Manual Integrations

APPROVED

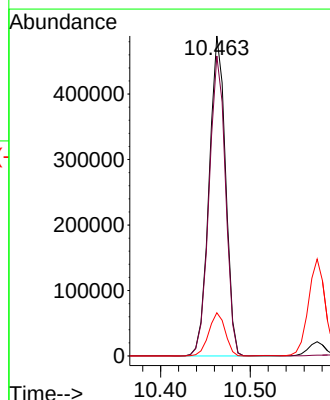
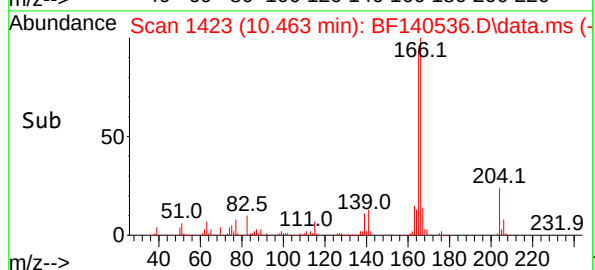
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

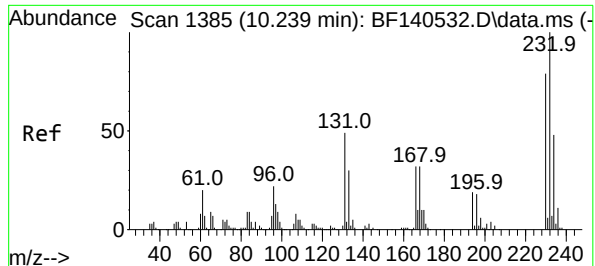


#58
Fluorene
Concen: 39.115 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



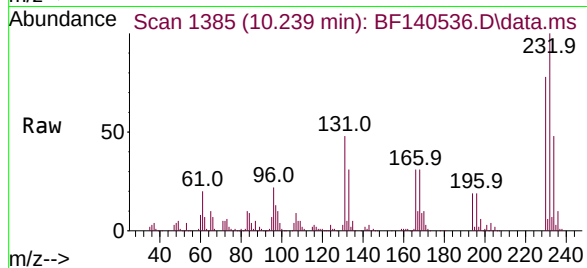
Tgt Ion:166 Resp: 622708
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.797 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

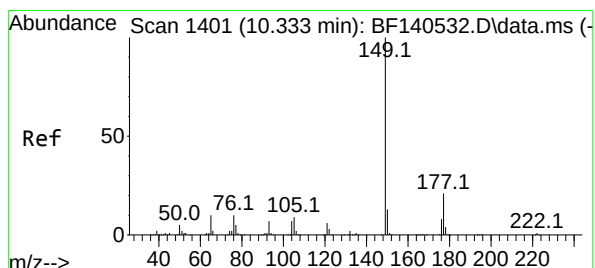
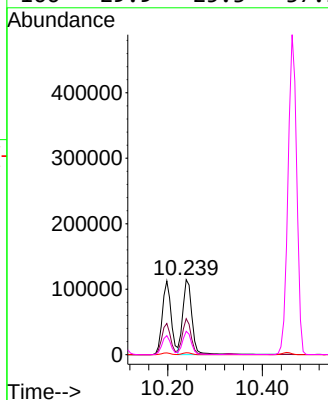
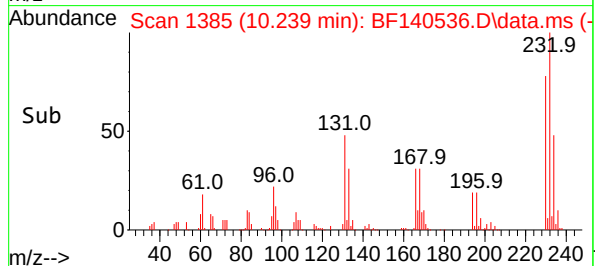
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:232 Resp: 153321
Ion Ratio Lower Upper
232 100
131 46.8 39.6 59.4
130 2.5 1.9 2.9
166 29.9 25.3 37.9

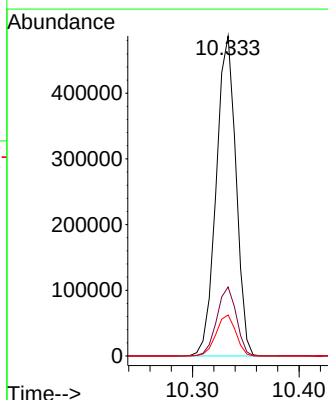
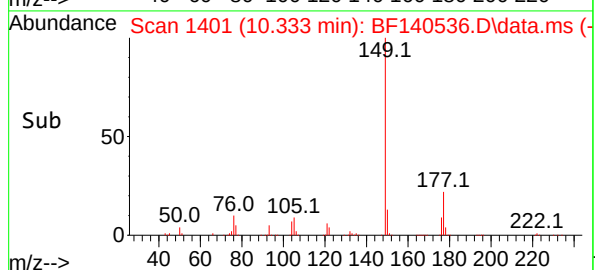
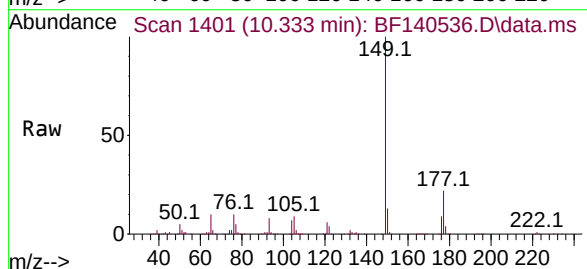
Manual Integrations
APPROVED

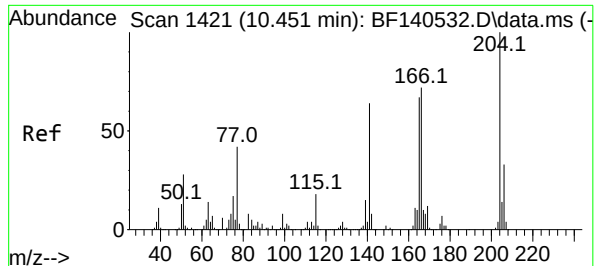
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 39.078 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

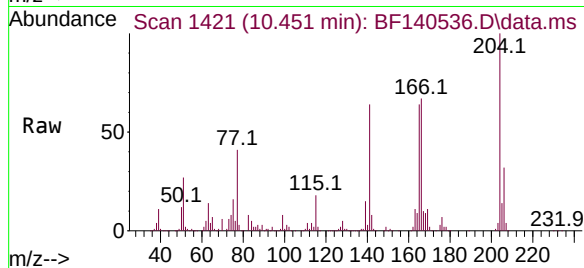
Tgt Ion:149 Resp: 626046
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.536 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

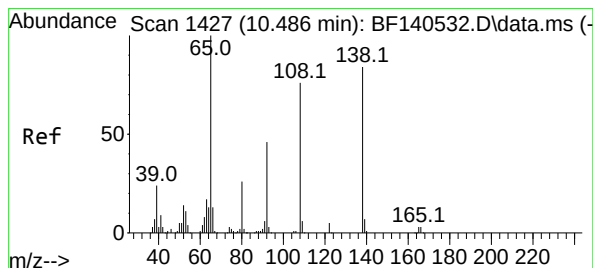
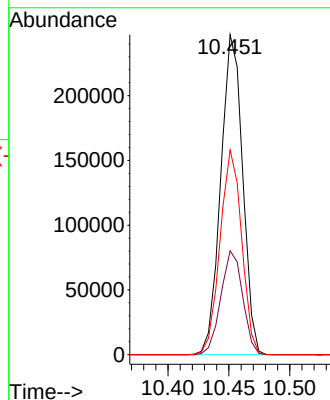
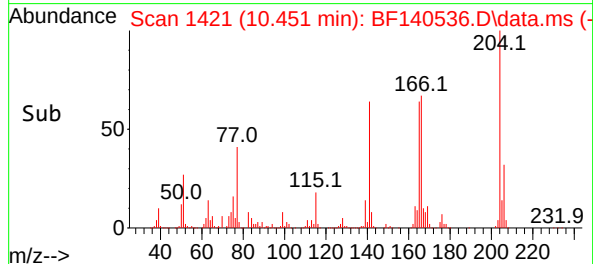
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:204 Resp: 30889
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 64.0 51.1 76.7

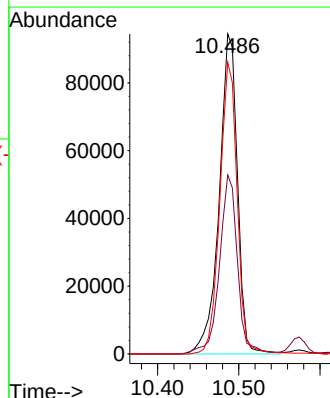
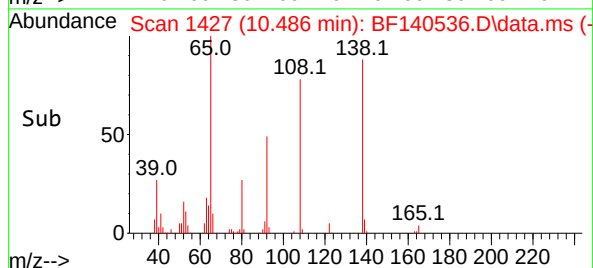
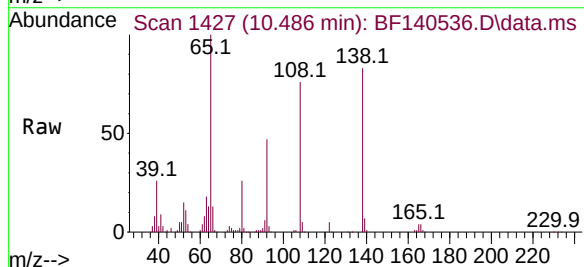
Manual Integrations
APPROVED

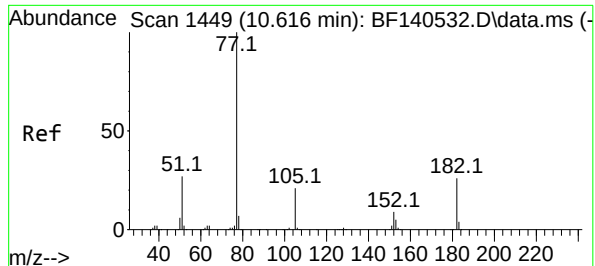
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 40.369 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

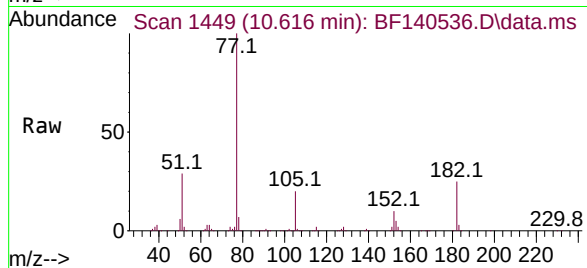
Tgt Ion:138 Resp: 148087
Ion Ratio Lower Upper
138 100
92 56.0 34.5 74.5
108 91.1 70.6 110.6





#63
Azobenzene
Concen: 39.396 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

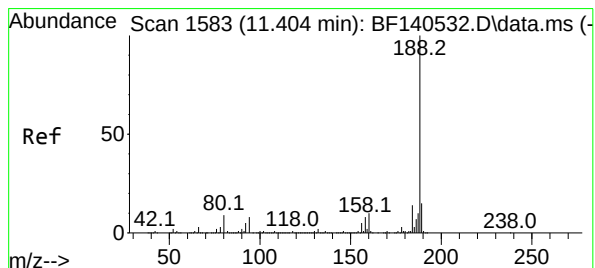
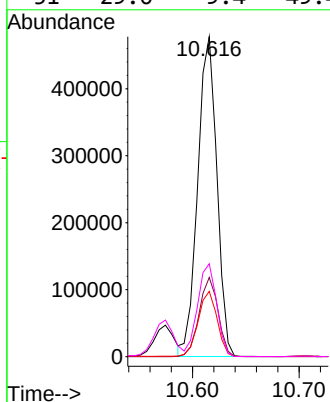
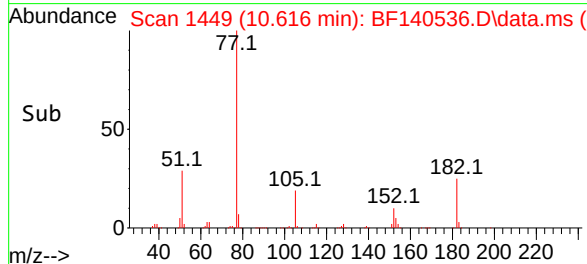
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



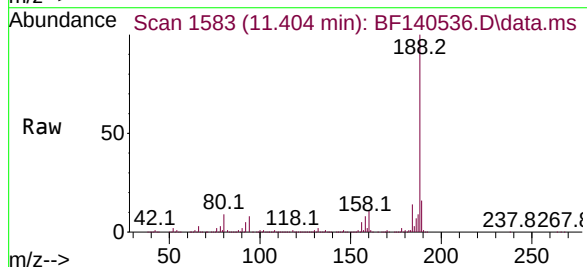
Tgt Ion: 77 Resp: 59768
Ion Ratio Lower Upper
77 100
182 24.7 5.3 45.3
105 20.4 0.3 40.3
51 29.0 9.4 49.4

Manual Integrations
APPROVED

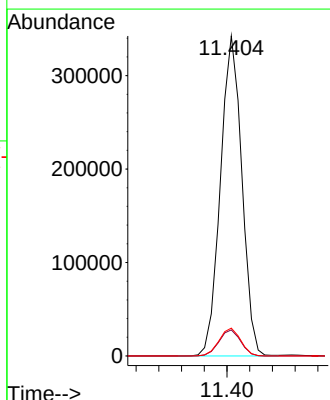
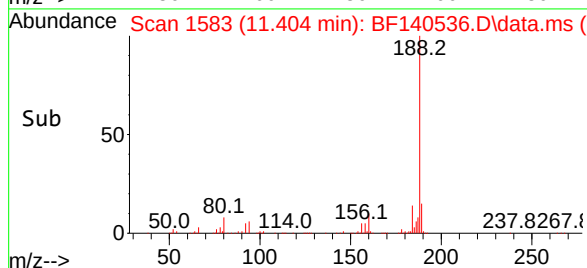
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

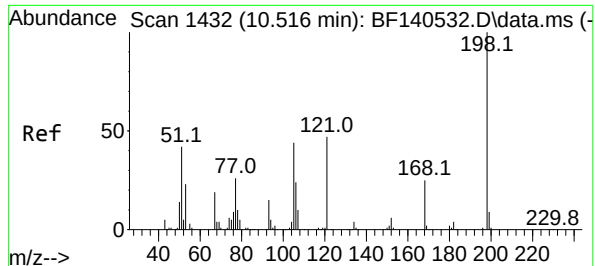


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:188 Resp: 448820
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.7 6.9 10.3





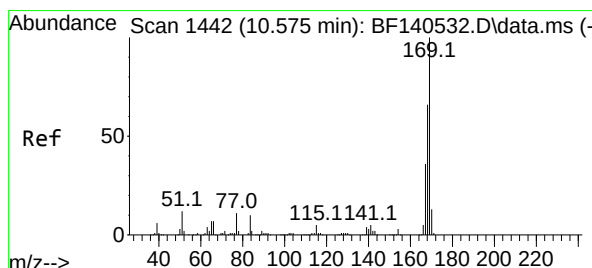
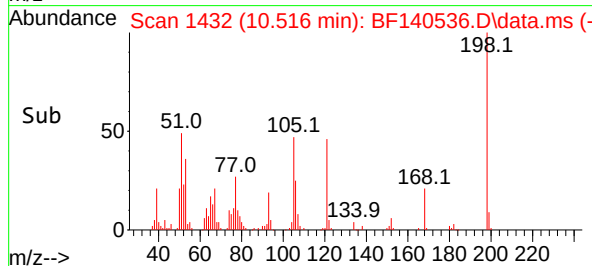
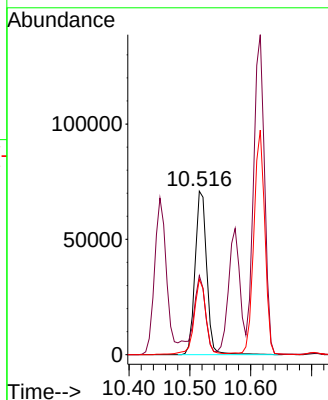
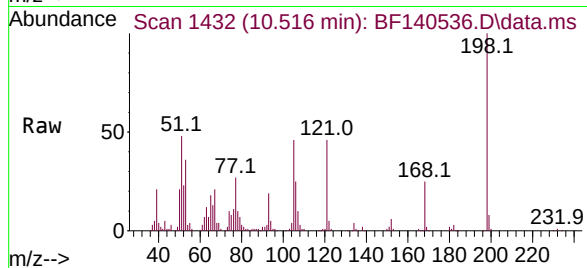
#65
4,6-Dinitro-2-methylphenol
Concen: 41.134 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion:198 Resp: 94340
Ion Ratio Lower Upper
198 100
51 48.3 29.4 69.4
105 46.2 25.4 65.4

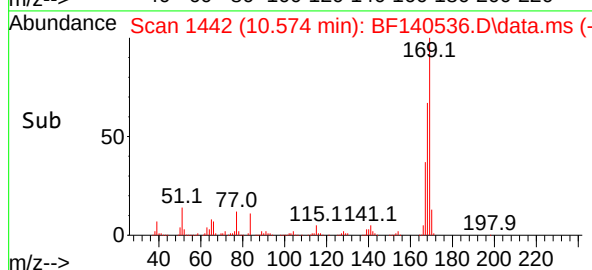
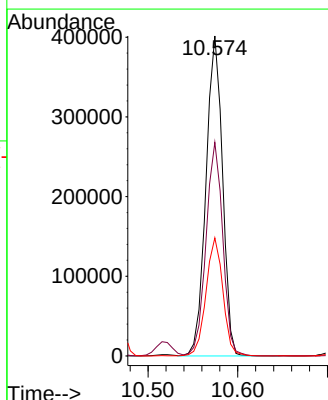
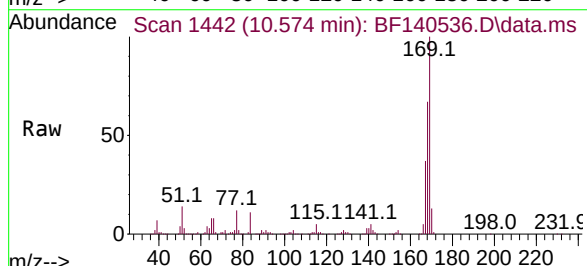
Manual Integrations
APPROVED

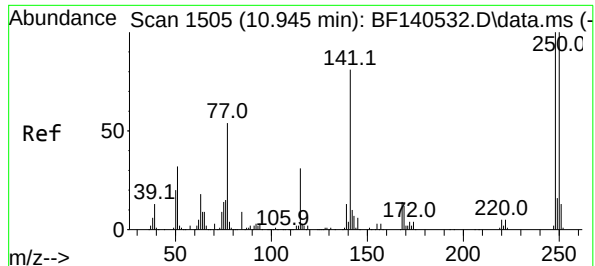
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 38.723 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:169 Resp: 513960
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.9 29.0 43.6





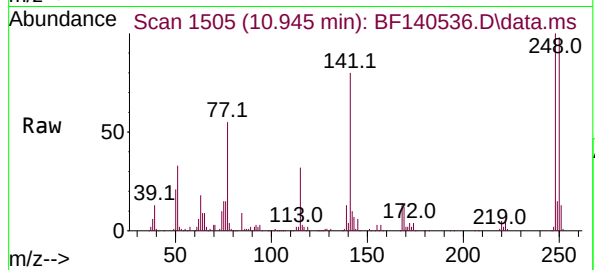
#67
4-Bromophenyl-phenylether
Concen: 38.977 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

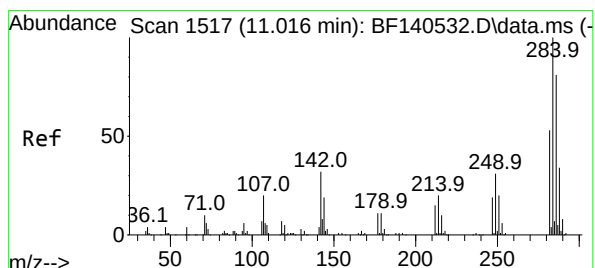
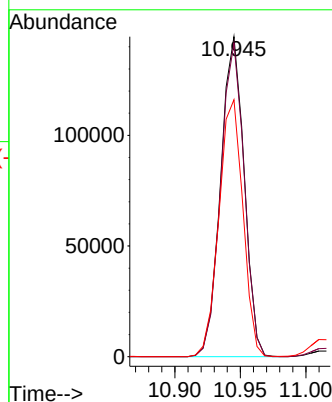
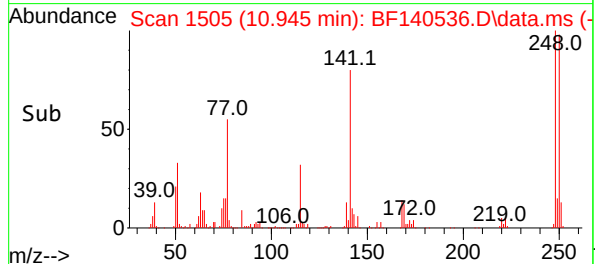


Tgt Ion:248 Resp: 180160
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.8
141 80.3 64.7 97.1

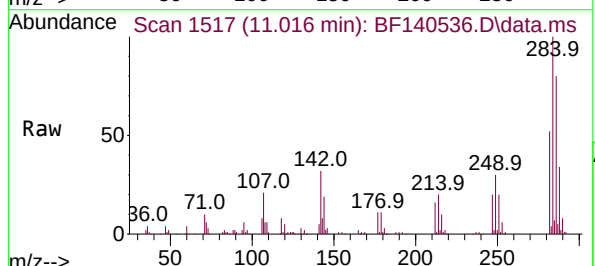
Manual Integrations

APPROVED

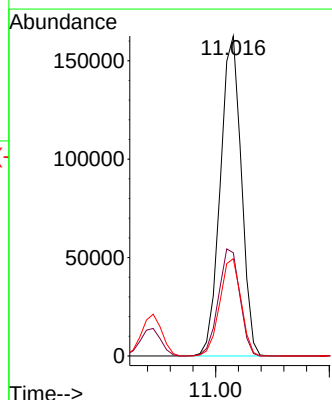
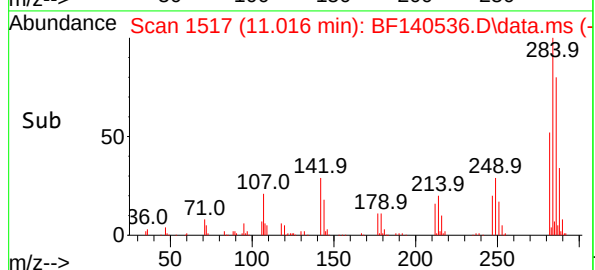
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

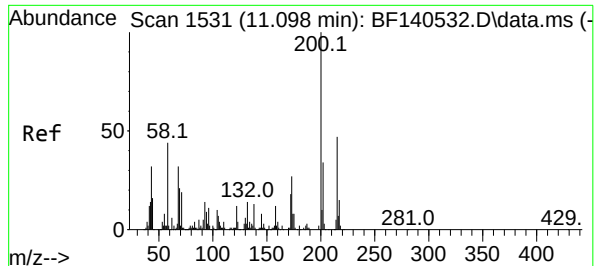


#68
Hexachlorobenzene
Concen: 38.974 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



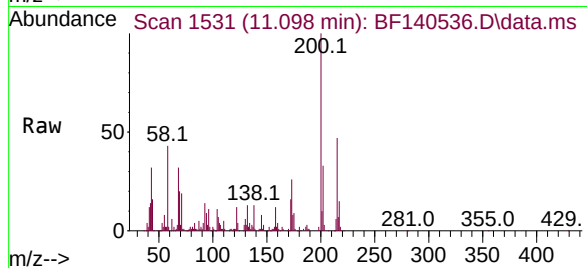
Tgt Ion:284 Resp: 208589
Ion Ratio Lower Upper
284 100
142 32.2 25.3 37.9
249 30.4 24.8 37.2





#69
Atrazine
Concen: 34.643 ng
RT: 11.098 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

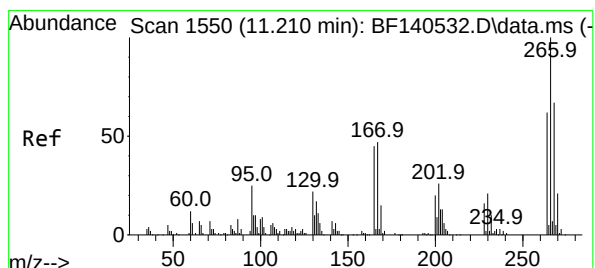
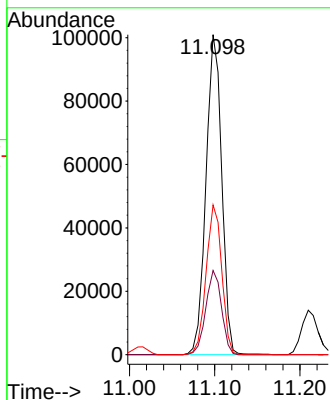
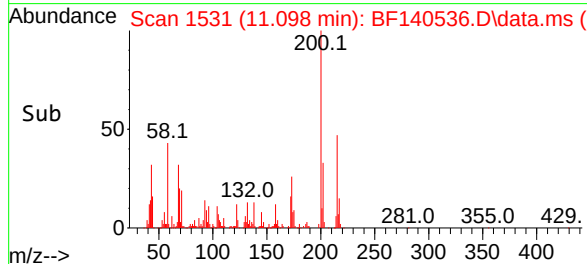
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:200 Resp: 12935
Ion Ratio Lower Upper
200 100
173 26.3 7.0 47.0
215 46.8 26.7 66.7

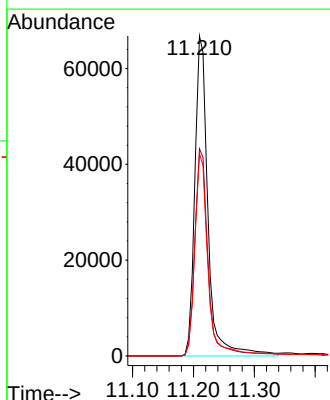
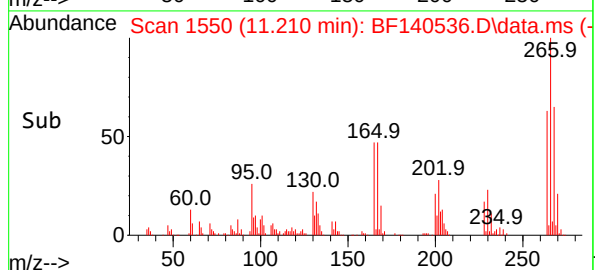
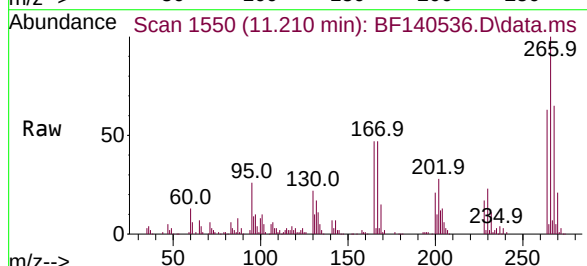
Manual Integrations
APPROVED

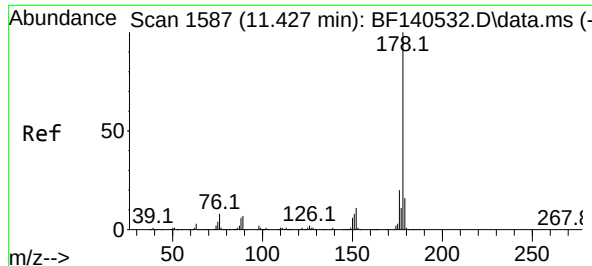
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#70
Pentachlorophenol
Concen: 42.779 ng
RT: 11.210 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:266 Resp: 100767
Ion Ratio Lower Upper
266 100
268 64.8 53.7 80.5
264 63.3 49.8 74.8





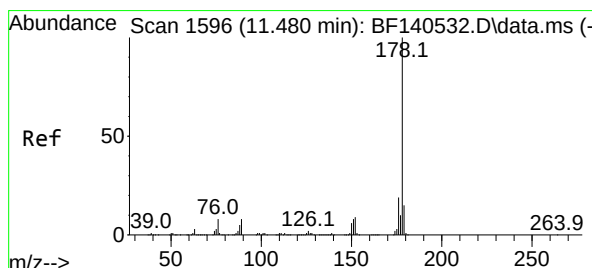
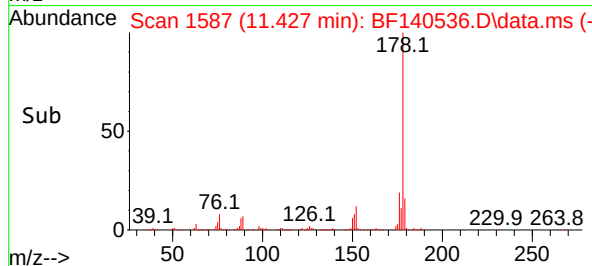
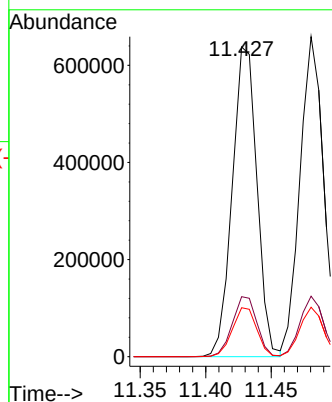
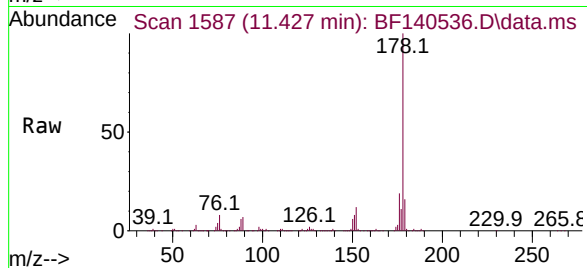
#71
Phenanthrene
Concen: 38.861 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion:178 Resp: 838392
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.8 12.4 18.6

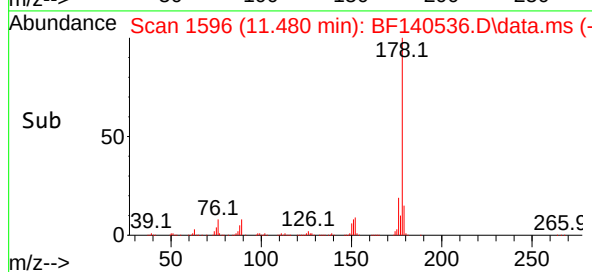
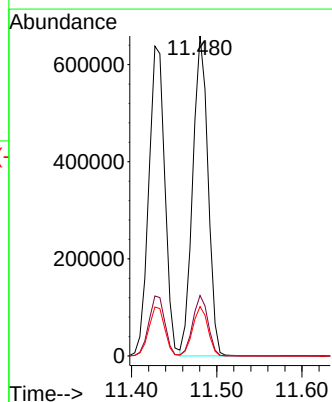
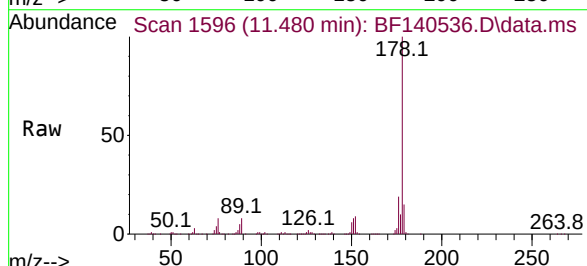
Manual Integrations
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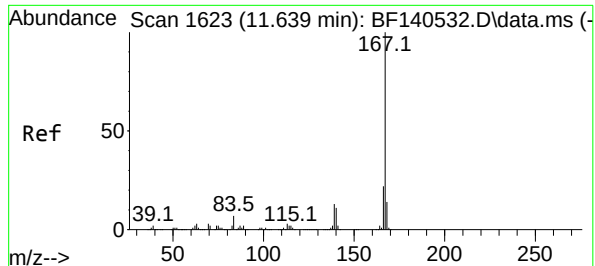
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 38.829 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

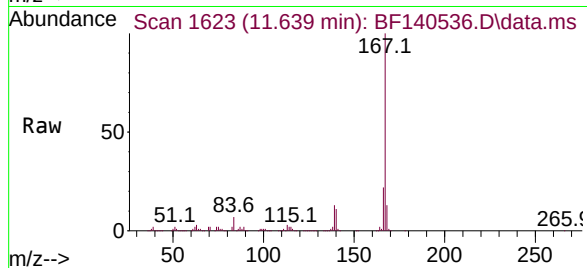
Tgt Ion:178 Resp: 819442
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4





#73
Carbazole
Concen: 39.207 ng
RT: 11.639 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

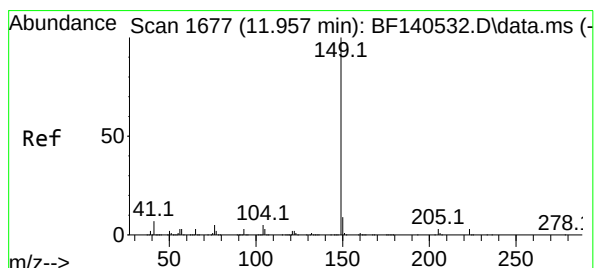
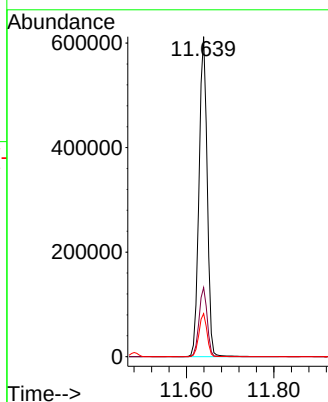
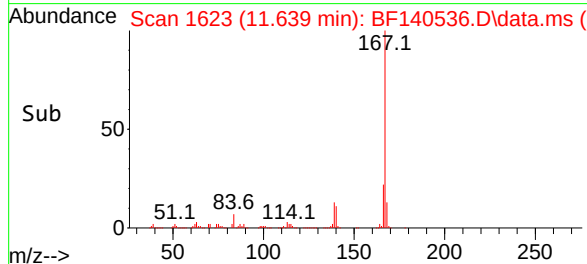
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



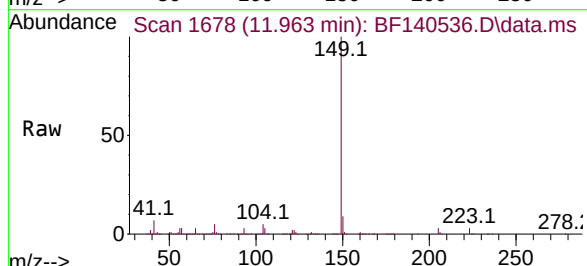
Tgt Ion:167 Resp: 795979
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.4 10.6 15.8

Manual Integrations
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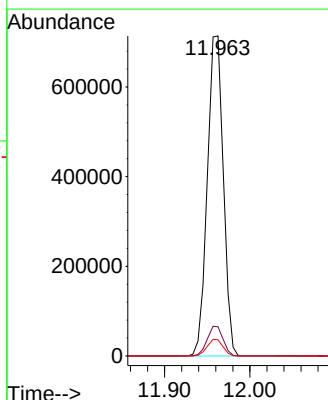
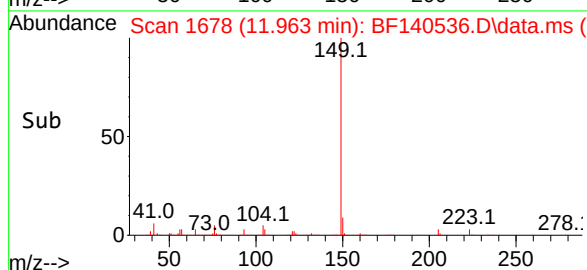
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

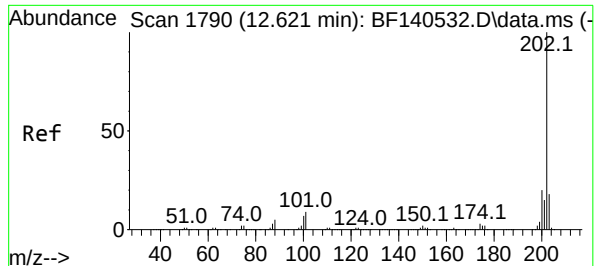


#74
Di-n-butylphthalate
Concen: 39.765 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



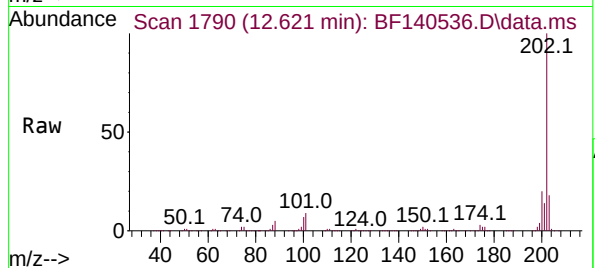
Tgt Ion:149 Resp: 932026
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 40.002 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

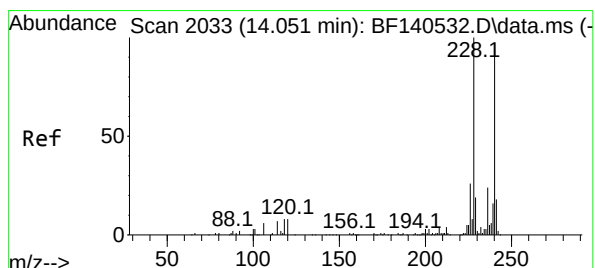
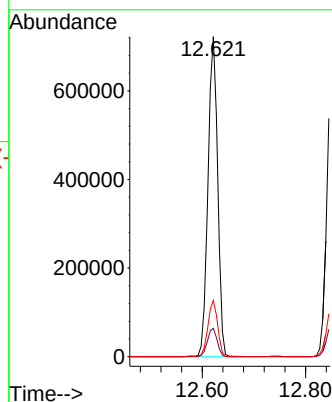
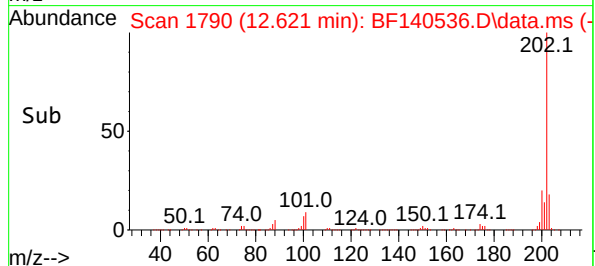
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:202 Resp: 937019
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.6 0.0 37.6

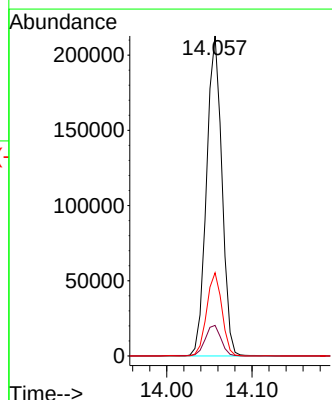
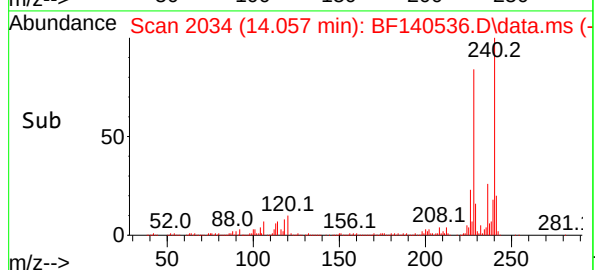
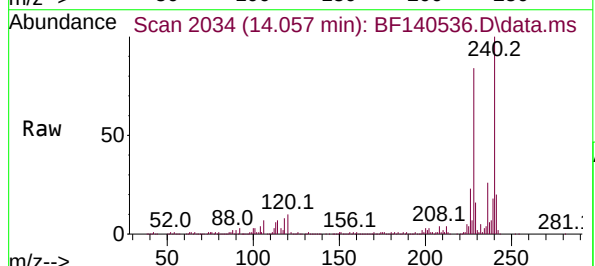
Manual Integrations
APPROVED

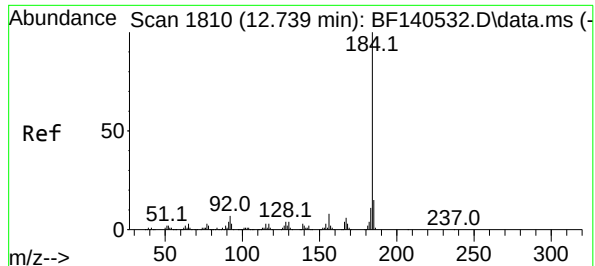
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

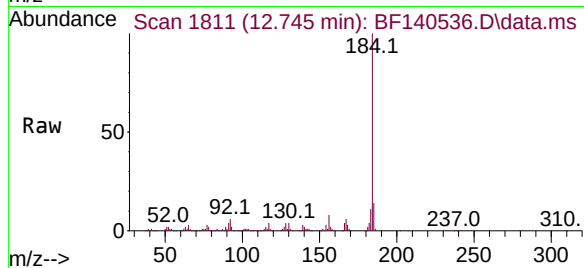
Tgt Ion:240 Resp: 266538
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.0 20.6 31.0





#77
Benzidine
Concen: 39.351 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

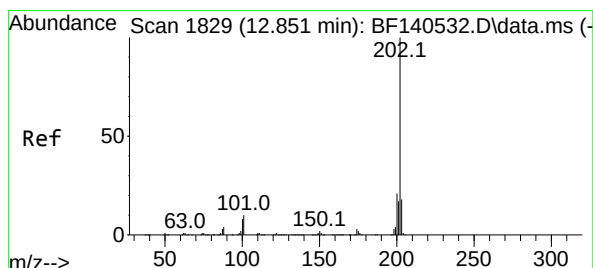
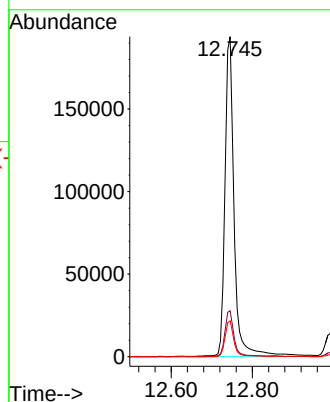
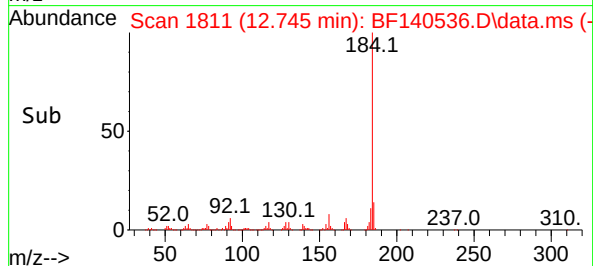
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:184 Resp: 304940
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 8.8 13.2

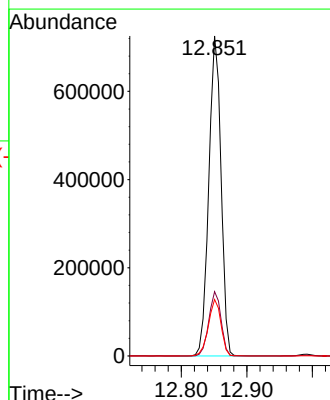
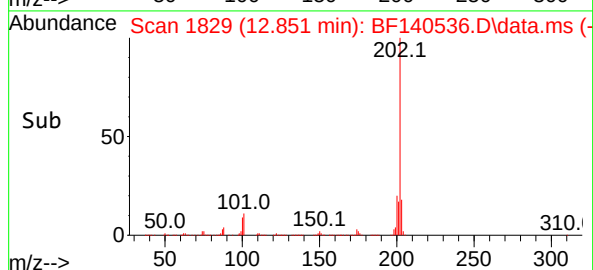
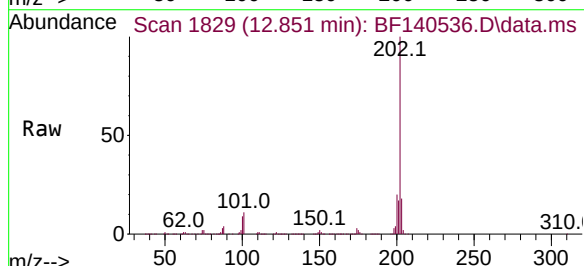
Manual Integrations
APPROVED

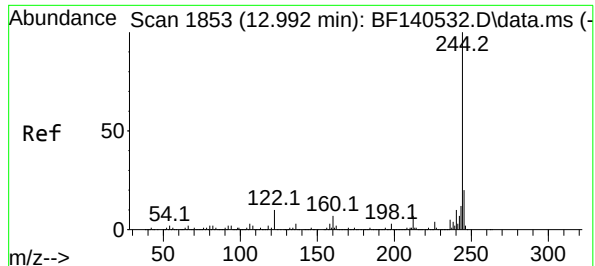
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#78
Pyrene
Concen: 38.219 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:202 Resp: 941890
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 75.460 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:244 Resp: 1291669

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

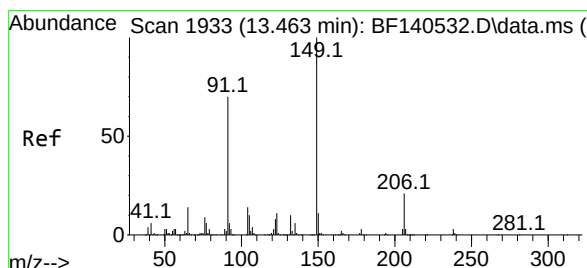
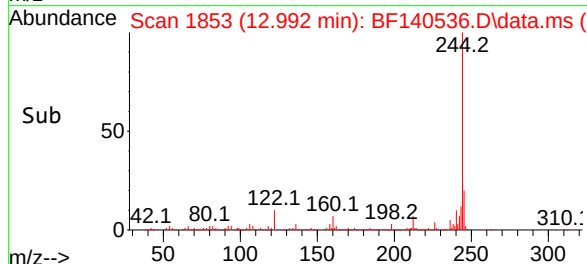
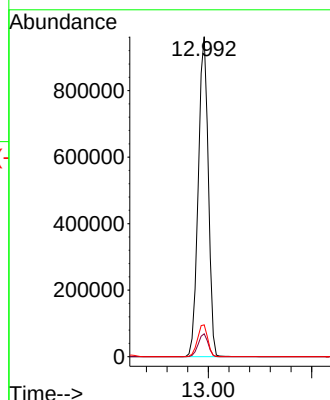
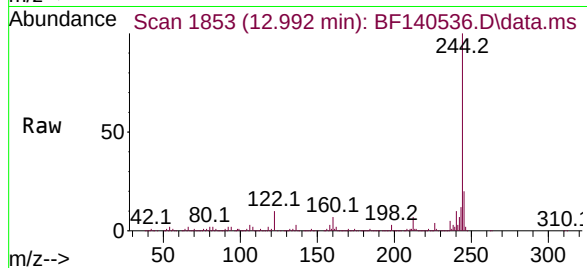
122 9.9 8.0 12.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 40.542 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

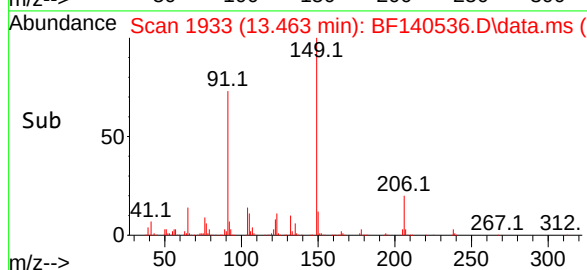
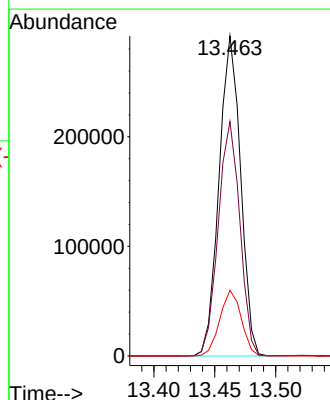
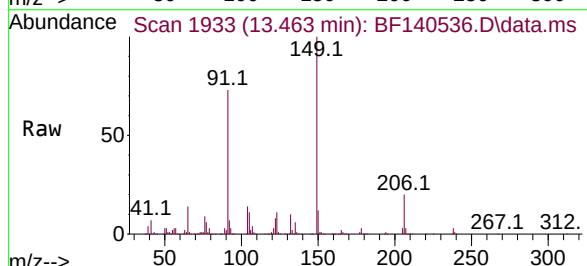
Tgt Ion:149 Resp: 359930

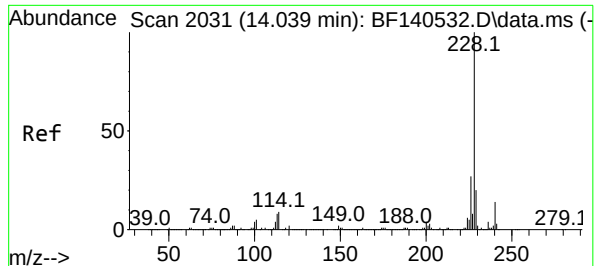
Ion Ratio Lower Upper

149 100

91 73.3 56.2 84.2

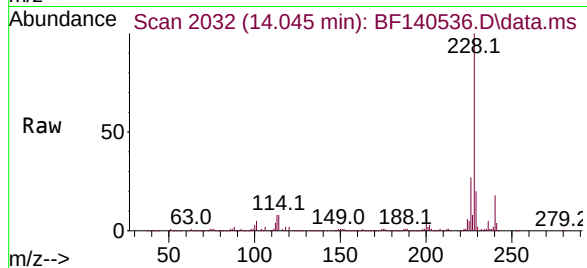
206 20.5 16.4 24.6





#81
Benzo(a)anthracene
Concen: 39.723 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

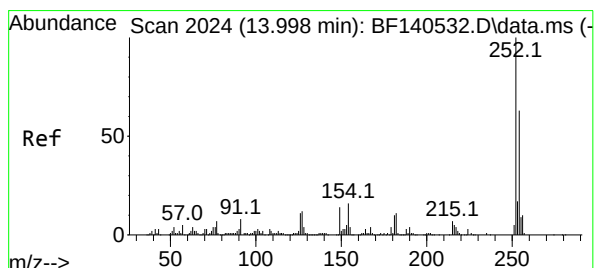
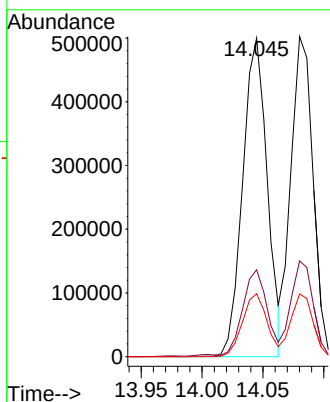
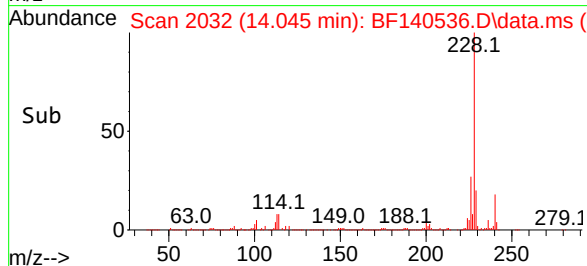
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:228 Resp: 700865
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6

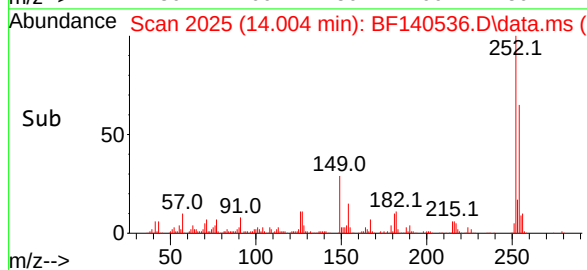
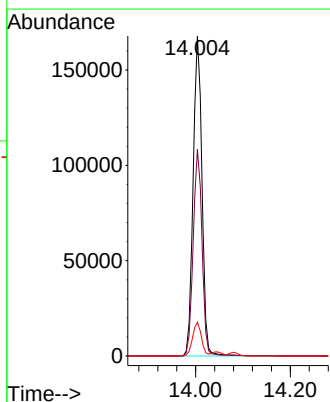
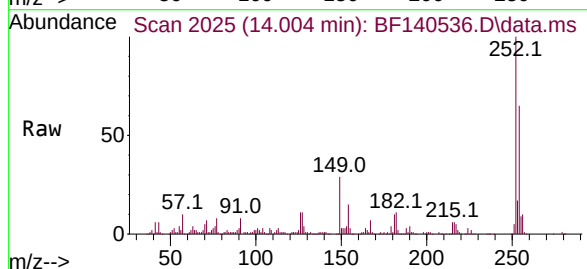
Manual Integrations
APPROVED

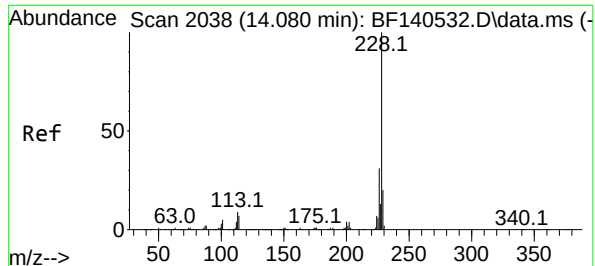
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 41.011 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:252 Resp: 217249
Ion Ratio Lower Upper
252 100
254 64.6 50.8 76.2
126 10.6 8.6 13.0





#83

Chrysene

Concen: 39.406 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:228 Resp: 635750

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

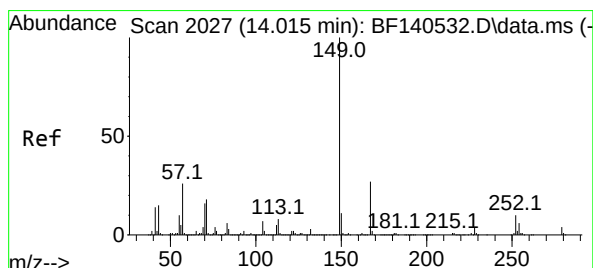
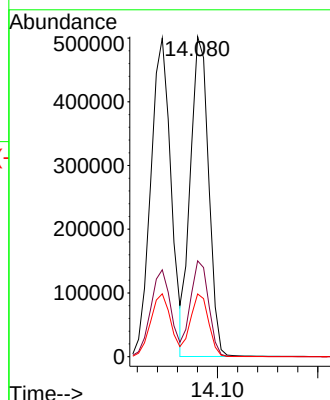
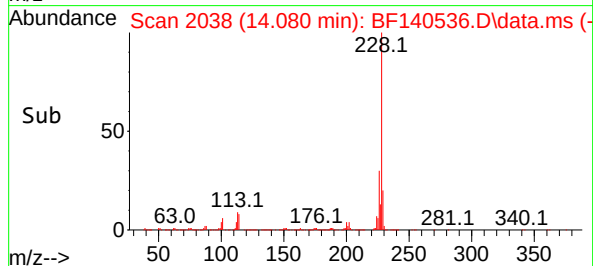
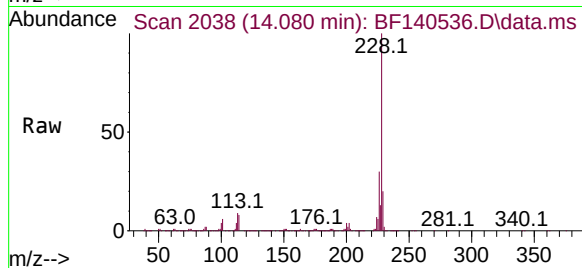
229 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.823 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

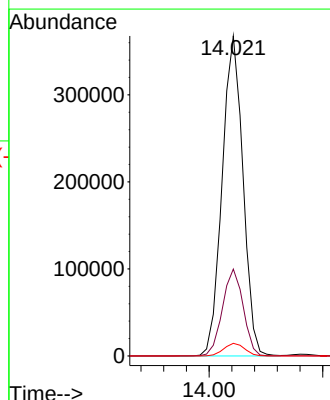
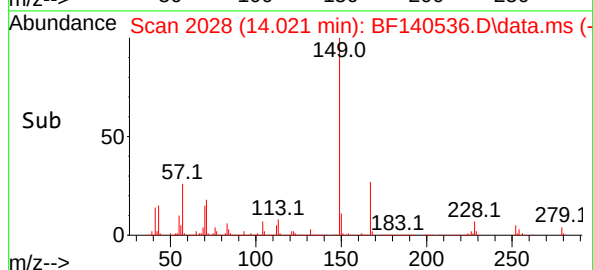
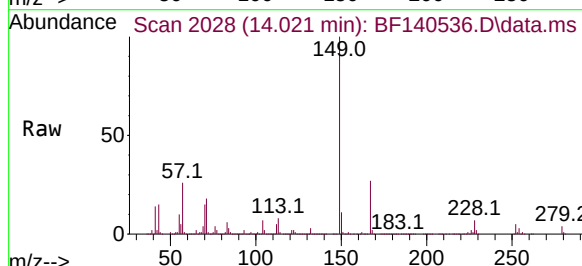
Tgt Ion:149 Resp: 468853

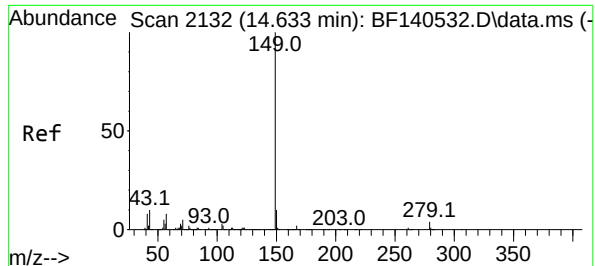
Ion Ratio Lower Upper

149 100

167 27.2 21.2 31.8

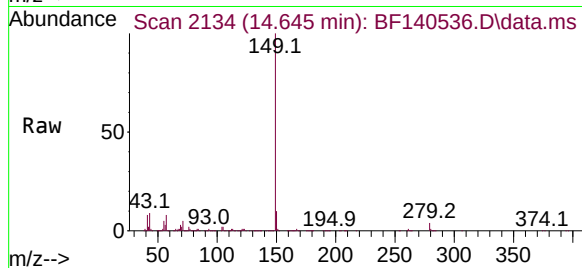
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 43.965 ng
RT: 14.645 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

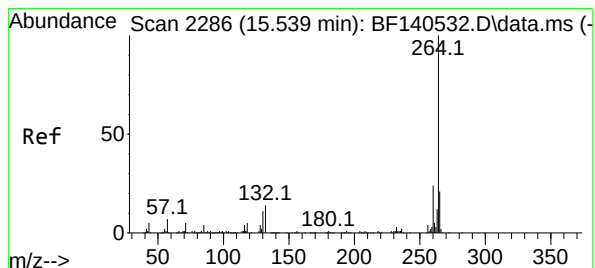
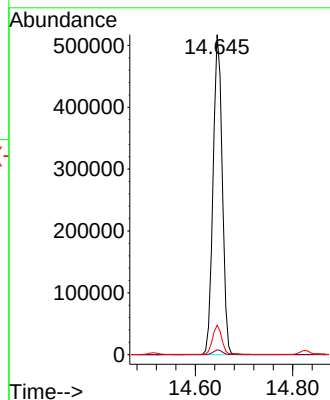
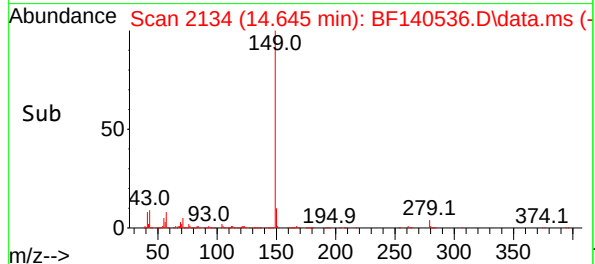
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:149 Resp: 67356
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.2 7.7 11.5

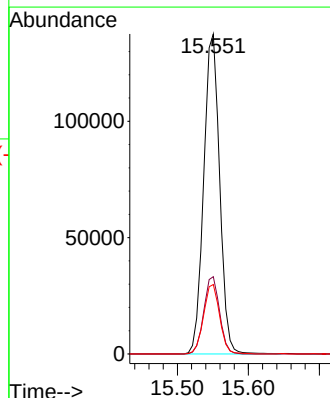
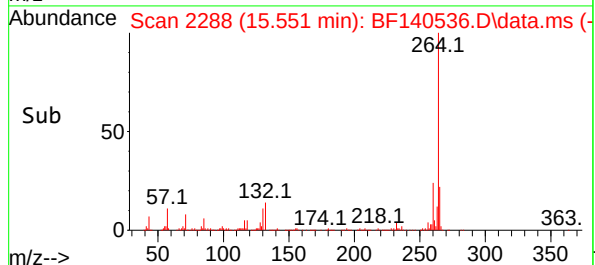
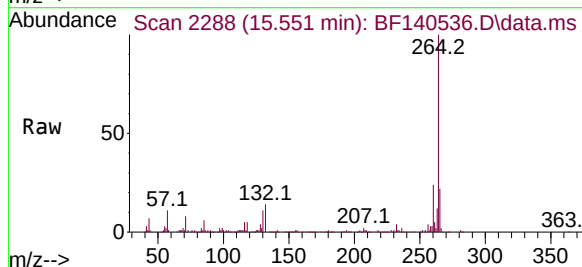
Manual Integrations
APPROVED

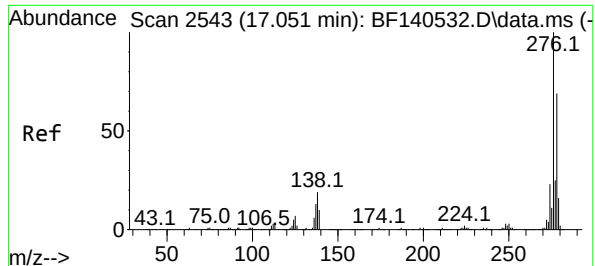
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:264 Resp: 215076
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.7 16.6 25.0





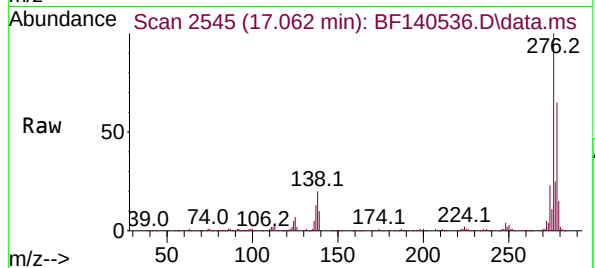
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.995 ng
RT: 17.062 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

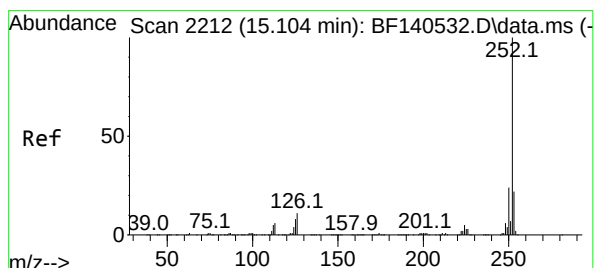
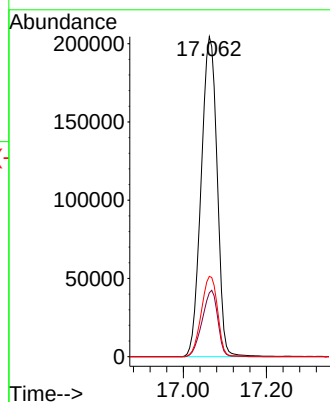
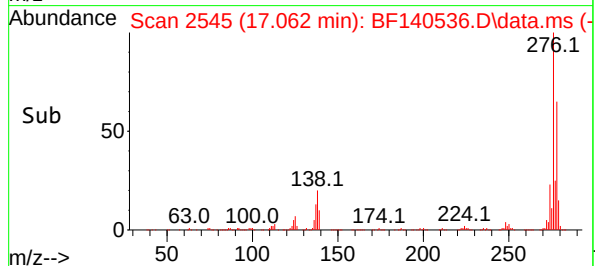


Tgt Ion:276 Resp: 54656
Ion Ratio Lower Upper
276 100
138 20.2 15.5 23.3
277 25.6 20.1 30.1

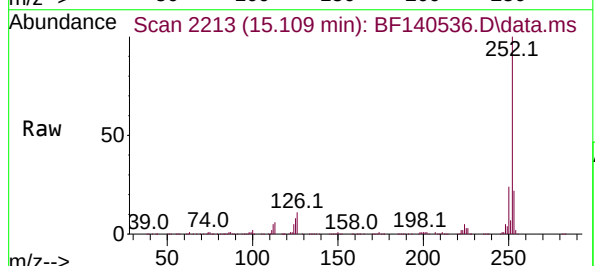
Manual Integrations

APPROVED

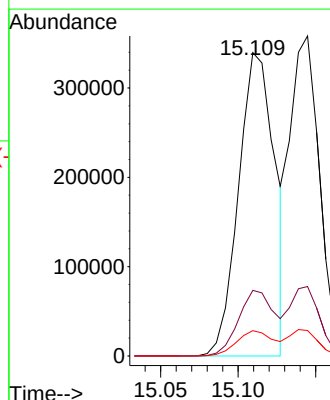
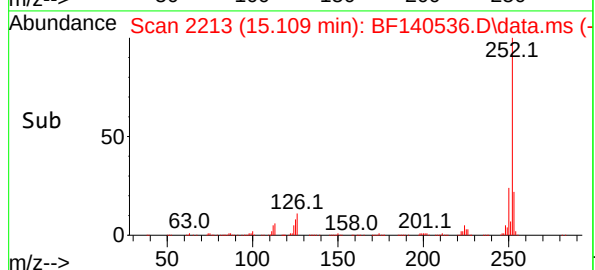
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

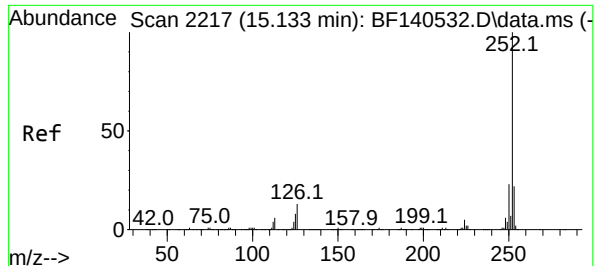


#88
Benzo(b)fluoranthene
Concen: 40.850 ng
RT: 15.109 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:252 Resp: 551853
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 40.110 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:252 Resp: 474170

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

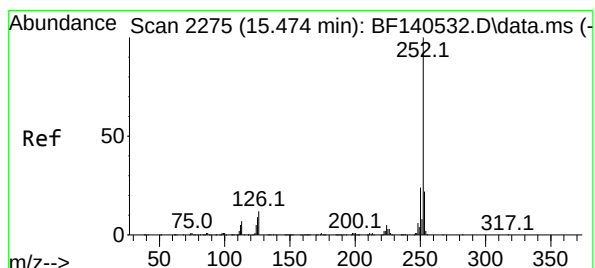
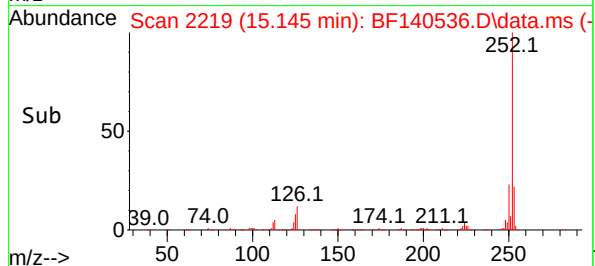
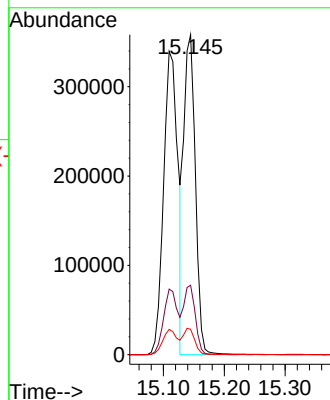
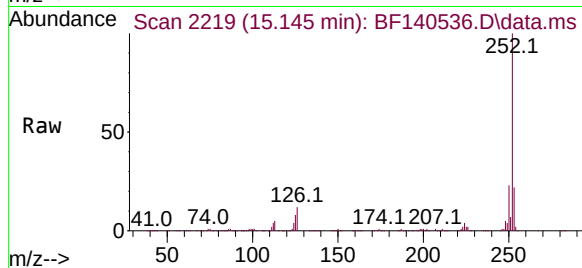
125 7.9 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 40.041 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

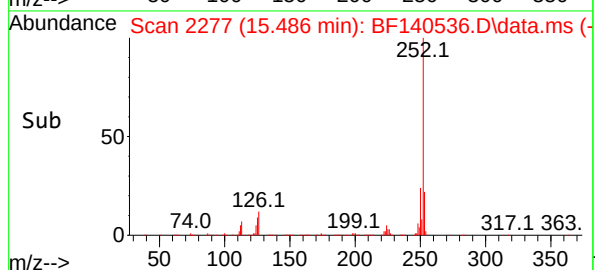
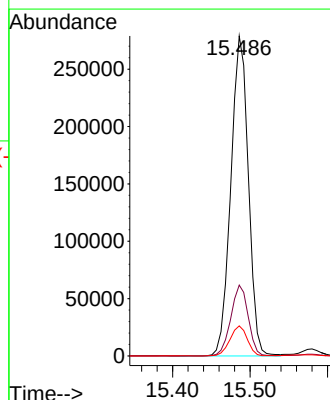
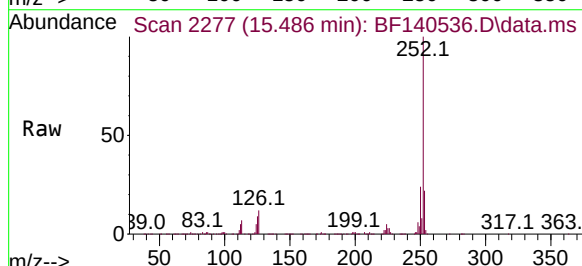
Tgt Ion:252 Resp: 439811

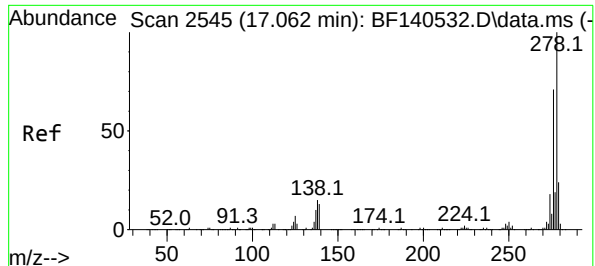
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

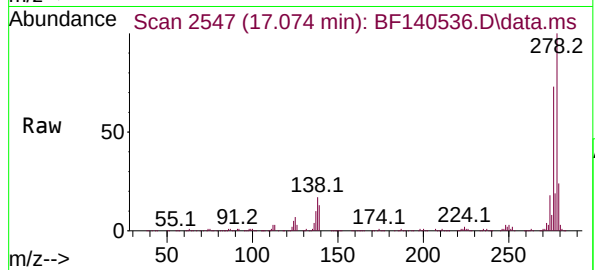
125 9.4 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 40.052 ng
RT: 17.074 min Scan# 2545
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

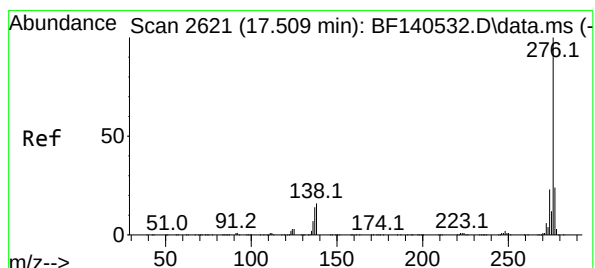
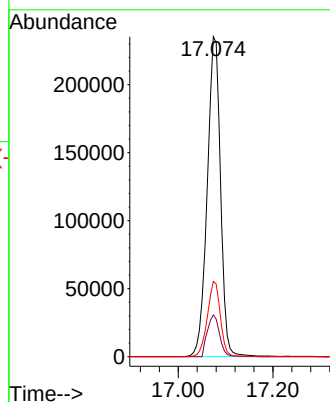
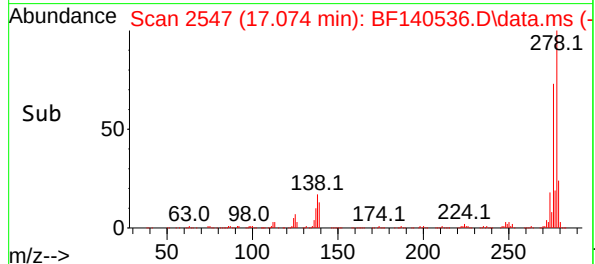
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



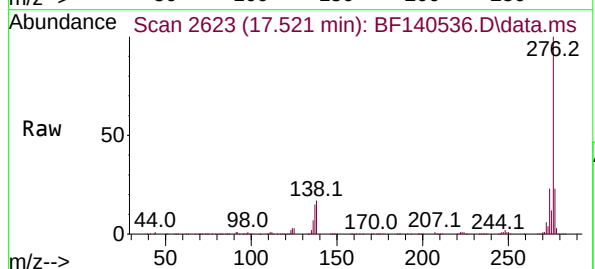
Tgt Ion:278 Resp: 459740
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 23.5 18.9 28.3

Manual Integrations
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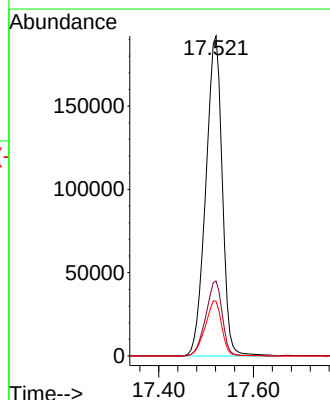
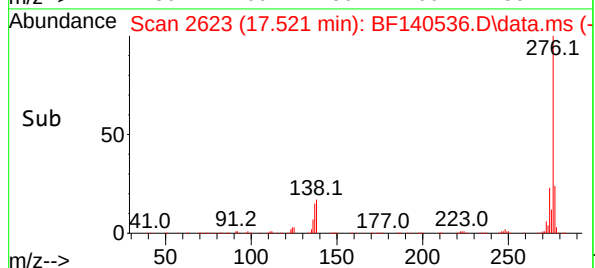
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 39.591 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:276 Resp: 463747
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 17.1 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

Quant Time: Nov 21 16:11:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	99	0.00
2	1,4-Dioxane	0.493	0.481	2.4	98	-0.01
3	Pyridine	1.084	1.212	-11.8	101	-0.01
4	n-Nitrosodimethylamine	0.637	0.656	-3.0	101	-0.01
5 S	2-Fluorophenol	1.172	1.158	1.2	98	0.00
6	Aniline	1.091	1.283	-17.6	102	0.00
7 S	Phenol-d6	1.550	1.578	-1.8	98	0.00
8	2-Chlorophenol	1.261	1.267	-0.5	98	0.00
9	Benzaldehyde	0.820	0.758	7.6	102	0.00
10 C	Phenol	1.583	1.623	-2.5	97	0.00
11	bis(2-Chloroethyl)ether	1.211	1.205	0.5	96	0.00
12	1,3-Dichlorobenzene	1.417	1.408	0.6	100	0.00
13 C	1,4-Dichlorobenzene	1.435	1.423	0.8	99	0.00
14	1,2-Dichlorobenzene	1.344	1.324	1.5	97	0.00
15	Benzyl Alcohol	1.149	1.206	-5.0	98	0.00
16	2,2'-oxybis(1-Chloropropane	1.431	1.473	-2.9	100	0.00
17	2-Methylphenol	1.009	1.050	-4.1	100	0.00
18	Hexachloroethane	0.536	0.537	-0.2	99	0.00
19 P	n-Nitroso-di-n-propylamine	0.916	0.963	-5.1	101	0.00
20	3+4-Methylphenols	1.298	1.347	-3.8	99	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	101	0.00
22	Acetophenone	0.488	0.475	2.7	100	0.00
23 S	Nitrobenzene-d5	0.391	0.386	1.3	99	0.00
24	Nitrobenzene	0.404	0.395	2.2	99	0.00
25	Isophorone	0.652	0.658	-0.9	100	0.00
26 C	2-Nitrophenol	0.179	0.181	-1.1	101	0.00
27	2,4-Dimethylphenol	0.214	0.212	0.9	95	0.00
28	bis(2-Chloroethoxy)methane	0.397	0.397	0.0	101	0.00
29 C	2,4-Dichlorophenol	0.284	0.284	0.0	102	0.00
30	1,2,4-Trichlorobenzene	0.324	0.315	2.8	101	0.00
31	Naphthalene	1.030	1.008	2.1	101	0.00
32	Benzoic acid	0.164	0.188	-14.6	107	0.00
33	4-Chloroaniline	0.308	0.336	-9.1	104	0.00
34 C	Hexachlorobutadiene	0.215	0.212	1.4	101	0.00
35	Caprolactam	0.088	0.089	-1.1	99	0.00
36 C	4-Chloro-3-methylphenol	0.318	0.320	-0.6	99	0.00
37	2-Methylnaphthalene	0.654	0.654	0.0	102	0.00
38	1-Methylnaphthalene	0.641	0.636	0.8	101	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	0.586	0.568	3.1	103	0.00
41 P	Hexachlorocyclopentadiene	0.107	0.110	-2.8	99	0.00
42 S	2,4,6-Tribromophenol	0.214	0.213	0.5	101	0.00
43 C	2,4,6-Trichlorophenol	0.367	0.362	1.4	101	0.00
44	2,4,5-Trichlorophenol	0.399	0.402	-0.8	102	0.00
45 S	2-Fluorobiphenyl	1.342	1.282	4.5	101	0.00
46	1,1'-Biphenyl	1.493	1.447	3.1	102	0.00
47	2-Chloronaphthalene	1.131	1.109	1.9	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

Quant Time: Nov 21 16:11:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	0.363	0.364	-0.3	101	0.00
49	Acenaphthylene	1.710	1.660	2.9	102	0.00
50	Dimethylphthalate	1.317	1.304	1.0	103	0.00
51	2,6-Dinitrotoluene	0.299	0.294	1.7	100	0.00
52 C	Acenaphthene	1.086	1.048	3.5	101	0.00
53	3-Nitroaniline	0.292	0.299	-2.4	102	0.00
54 P	2,4-Dinitrophenol	0.122	0.122	0.0	89	0.00
55	Dibenzofuran	1.657	1.601	3.4	101	0.00
56 P	4-Nitrophenol	0.199	0.211	-6.0	104	0.00
57	2,4-Dinitrotoluene	0.397	0.407	-2.5	103	0.00
58	Fluorene	1.330	1.300	2.3	103	0.00
59	2,3,4,6-Tetrachlorophenol	0.306	0.320	-4.6	105	0.00
60	Diethylphthalate	1.338	1.307	2.3	102	0.00
61	4-Chlorophenyl-phenylether	0.653	0.645	1.2	103	0.00
62	4-Nitroaniline	0.306	0.309	-1.0	101	0.00
63	Azobenzene	1.267	1.248	1.5	103	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	0.102	0.105	-2.9	98	0.00
66 c	n-Nitrosodiphenylamine	0.591	0.573	3.0	102	0.00
67	4-Bromophenyl-phenylether	0.206	0.201	2.4	103	0.00
68	Hexachlorobenzene	0.238	0.232	2.5	102	0.00
69	Atrazine	0.166	0.144	13.3	106	0.00
70 C	Pentachlorophenol	0.105	0.112	-6.7	99	0.00
71	Phenanthrene	0.961	0.934	2.8	101	0.00
72	Anthracene	0.940	0.913	2.9	101	0.00
73	Carbazole	0.905	0.887	2.0	102	0.00
74	Di-n-butylphthalate	1.044	1.038	0.6	104	0.00
75 C	Fluoranthene	1.044	1.044	0.0	106	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	111	0.00
77	Benzydine	0.581	0.572	1.5	111	0.00
78	Pyrene	1.849	1.767	4.4	106	0.00
79 S	Terphenyl-d14	1.284	1.212	5.6	105	0.00
80	Butylbenzylphthalate	0.666	0.675	-1.4	111	0.00
81	Benzo(a)anthracene	1.324	1.315	0.7	114	0.00
82	3,3'-Dichlorobenzidine	0.397	0.408	-2.8	110	0.00
83	Chrysene	1.211	1.193	1.5	111	0.00
84	Bis(2-ethylhexyl)phthalate	0.841	0.880	-4.6	118	0.00
85 c	Di-n-octyl phthalate	1.150	1.264	-9.9	124	0.01
86 I	Perylene-d12	1.000	1.000	0.0	102	0.01
87	Indeno(1,2,3-cd)pyrene	1.303	1.271	2.5	99	0.01
88	Benzo(b)fluoranthene	1.256	1.283	-2.1	110	0.00
89	Benzo(k)fluoranthene	1.099	1.102	-0.3	102	0.01
90 C	Benzo(a)pyrene	1.021	1.022	-0.1	103	0.01
91	Dibenzo(a,h)anthracene	1.067	1.069	-0.2	102	0.01
92	Benzo(g,h,i)perylene	1.089	1.078	1.0	101	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140536.D
Acq On : 21 Nov 2024 15:07
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Quant Time: Nov 21 16:11:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

Quant Time: Nov 21 16:11:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	99	0.00
2	1,4-Dioxane	40.000	39.036	2.4	98	-0.01
3	Pyridine	40.000	44.701	-11.8	101	-0.01
4	n-Nitrosodimethylamine	40.000	41.184	-3.0	101	-0.01
5 S	2-Fluorophenol	80.000	79.009	1.2	98	0.00
6	Aniline	40.000	47.067	-17.7	102	0.00
7 S	Phenol-d6	80.000	81.459	-1.8	98	0.00
8	2-Chlorophenol	40.000	40.191	-0.5	98	0.00
9	Benzaldehyde	40.000	36.939	7.7	102	0.00
10 C	Phenol	40.000	41.030	-2.6	97	0.00
11	bis(2-Chloroethyl)ether	40.000	39.796	0.5	96	0.00
12	1,3-Dichlorobenzene	40.000	39.732	0.7	100	0.00
13 C	1,4-Dichlorobenzene	40.000	39.668	0.8	99	0.00
14	1,2-Dichlorobenzene	40.000	39.406	1.5	97	0.00
15	Benzyl Alcohol	40.000	41.993	-5.0	98	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.183	-3.0	100	0.00
17	2-Methylphenol	40.000	41.606	-4.0	100	0.00
18	Hexachloroethane	40.000	40.108	-0.3	99	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	42.038	-5.1	101	0.00
20	3+4-Methylphenols	40.000	41.536	-3.8	99	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	101	0.00
22	Acetophenone	40.000	38.963	2.6	100	0.00
23 S	Nitrobenzene-d5	80.000	78.907	1.4	99	0.00
24	Nitrobenzene	40.000	39.127	2.2	99	0.00
25	Isophorone	40.000	40.332	-0.8	100	0.00
26 C	2-Nitrophenol	40.000	40.372	-0.9	101	0.00
27	2,4-Dimethylphenol	40.000	39.568	1.1	95	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.938	0.2	101	0.00
29 C	2,4-Dichlorophenol	40.000	39.952	0.1	102	0.00
30	1,2,4-Trichlorobenzene	40.000	38.901	2.7	101	0.00
31	Naphthalene	40.000	39.152	2.1	101	0.00
32	Benzoic acid	40.000	41.429	-3.6	107	0.00
33	4-Chloroaniline	40.000	43.551	-8.9	104	0.00
34 C	Hexachlorobutadiene	40.000	39.406	1.5	101	0.00
35	Caprolactam	40.000	40.381	-1.0	99	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.203	-0.5	99	0.00
37	2-Methylnaphthalene	40.000	39.987	0.0	102	0.00
38	1-Methylnaphthalene	40.000	39.688	0.8	101	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.824	2.9	103	0.00
41 P	Hexachlorocyclopentadiene	40.000	37.711	5.7	99	0.00
42 S	2,4,6-Tribromophenol	80.000	79.677	0.4	101	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.390	1.5	101	0.00
44	2,4,5-Trichlorophenol	40.000	40.302	-0.8	102	0.00
45 S	2-Fluorobiphenyl	80.000	76.390	4.5	101	0.00
46	1,1'-Biphenyl	40.000	38.769	3.1	102	0.00
47	2-Chloronaphthalene	40.000	39.197	2.0	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

Quant Time: Nov 21 16:11:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	40.037	-0.1	101	0.00
49	Acenaphthylene	40.000	38.850	2.9	102	0.00
50	Dimethylphthalate	40.000	39.591	1.0	103	0.00
51	2,6-Dinitrotoluene	40.000	39.356	1.6	100	0.00
52 C	Acenaphthene	40.000	38.578	3.6	101	0.00
53	3-Nitroaniline	40.000	40.901	-2.3	102	0.00
54 P	2,4-Dinitrophenol	40.000	36.341	9.1	89	0.00
55	Dibenzofuran	40.000	38.644	3.4	101	0.00
56 P	4-Nitrophenol	40.000	42.263	-5.7	104	0.00
57	2,4-Dinitrotoluene	40.000	41.025	-2.6	103	0.00
58	Fluorene	40.000	39.115	2.2	103	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.797	-4.5	105	0.00
60	Diethylphthalate	40.000	39.078	2.3	102	0.00
61	4-Chlorophenyl-phenylether	40.000	39.536	1.2	103	0.00
62	4-Nitroaniline	40.000	40.369	-0.9	101	0.00
63	Azobenzene	40.000	39.396	1.5	103	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.134	-2.8	98	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.723	3.2	102	0.00
67	4-Bromophenyl-phenylether	40.000	38.977	2.6	103	0.00
68	Hexachlorobenzene	40.000	38.974	2.6	102	0.00
69	Atrazine	40.000	34.643	13.4	106	0.00
70 C	Pentachlorophenol	40.000	42.779	-6.9	99	0.00
71	Phenanthrene	40.000	38.861	2.8	101	0.00
72	Anthracene	40.000	38.829	2.9	101	0.00
73	Carbazole	40.000	39.207	2.0	102	0.00
74	Di-n-butylphthalate	40.000	39.765	0.6	104	0.00
75 C	Fluoranthene	40.000	40.002	-0.0	106	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	111	0.00
77	Benzydine	40.000	39.351	1.6	111	0.00
78	Pyrene	40.000	38.219	4.5	106	0.00
79 S	Terphenyl-d14	80.000	75.460	5.7	105	0.00
80	Butylbenzylphthalate	40.000	40.542	-1.4	111	0.00
81	Benzo(a)anthracene	40.000	39.723	0.7	114	0.00
82	3,3'-Dichlorobenzidine	40.000	41.011	-2.5	110	0.00
83	Chrysene	40.000	39.406	1.5	111	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.823	-4.6	118	0.00
85 c	Di-n-octyl phthalate	40.000	43.965	-9.9	124	0.01
86 I	Perylene-d12	20.000	20.000	0.0	102	0.01
87	Indeno(1,2,3-cd)pyrene	40.000	38.995	2.5	99	0.01
88	Benzo(b)fluoranthene	40.000	40.850	-2.1	110	0.00
89	Benzo(k)fluoranthene	40.000	40.110	-0.3	102	0.01
90 C	Benzo(a)pyrene	40.000	40.041	-0.1	103	0.01
91	Dibenzo(a,h)anthracene	40.000	40.052	-0.1	102	0.01
92	Benzo(g,h,i)perylene	40.000	39.591	1.0	101	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140536.D
Acq On : 21 Nov 2024 15:07
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Quant Time: Nov 21 16:11:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02
 Lab Code: CHEM Case No.: P5270 SAS No.: P5270 SDG No.: P5270
 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.

Form VI SV-1



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.: P5270 SAS No.: P5270 SDG No.: P5270
 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.

Form VI SV-1



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.: P5270 SAS No.: P5270 SDG No.: P5270
 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.

Form VI SV-1

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 =BF140862.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	

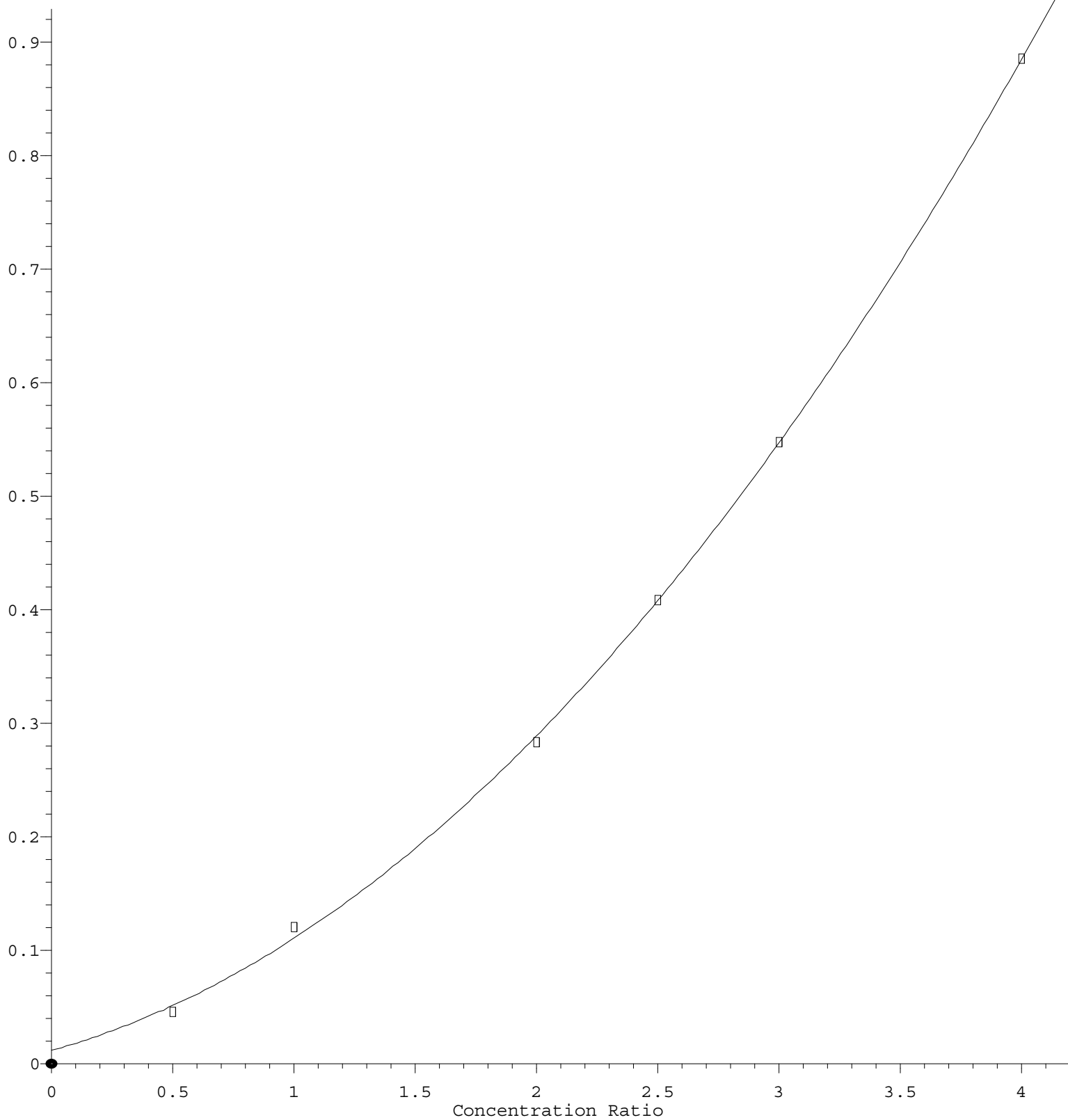
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF121624.M

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

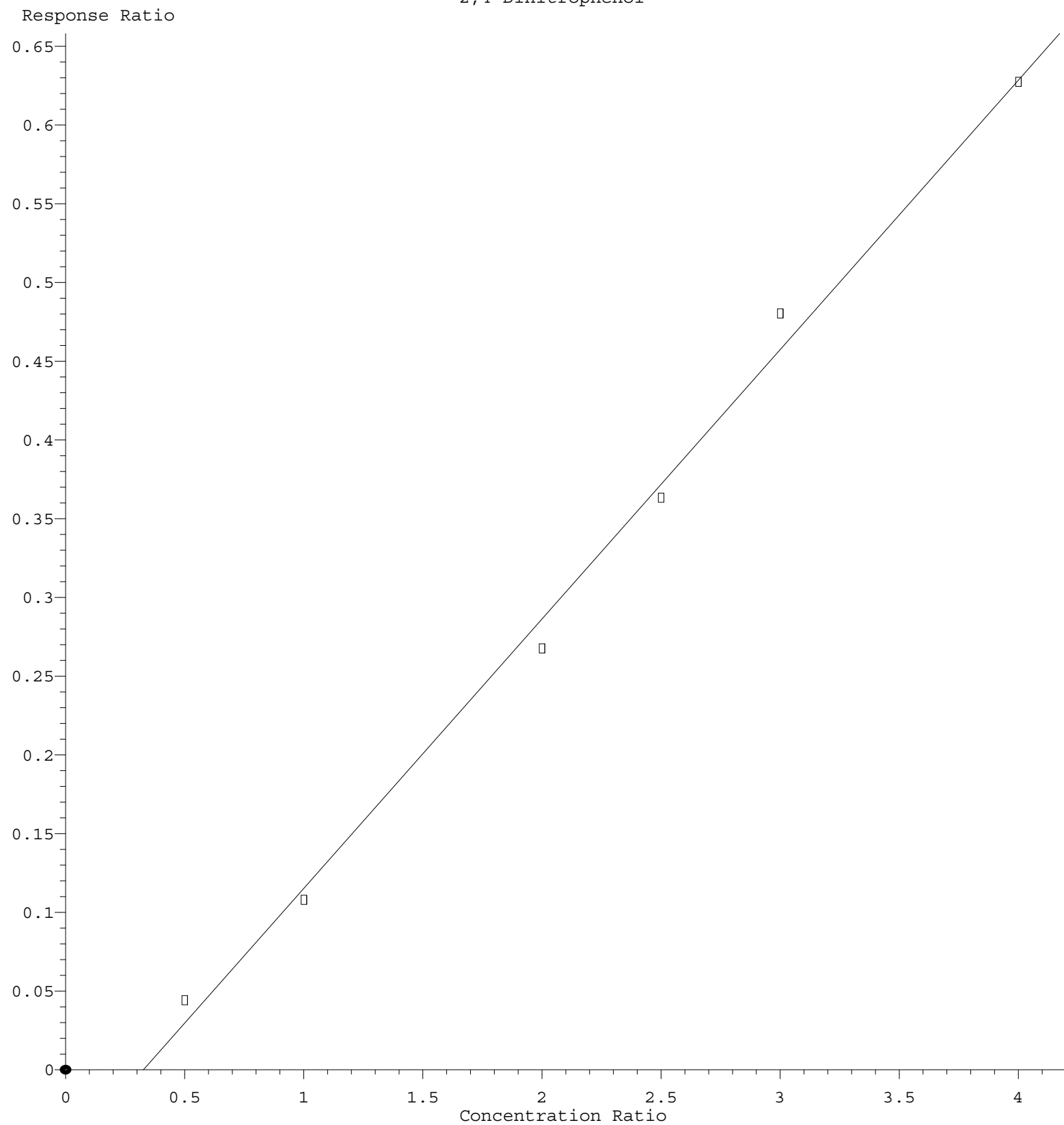
Hexachlorocyclopentadiene

Response Ratio



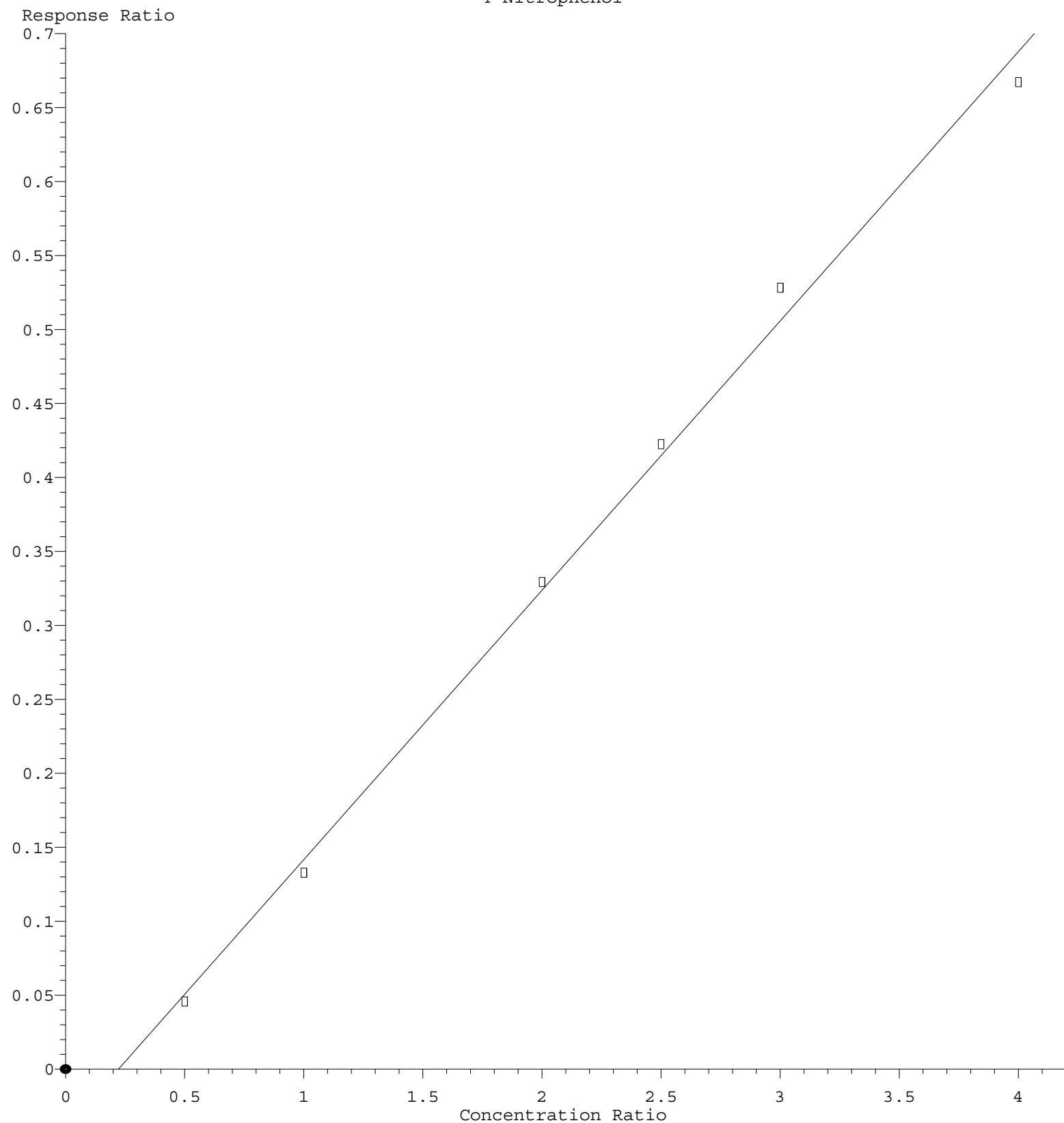
$R = 3.984e-002 A^2 + 5.892e-002 A + 1.177e-002$
Coef of Det (r^2) = 0.999663 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF121624.M
Calibration Table Last Updated: Mon Dec 16 16:59:50 2024

2,4-Dinitrophenol



Response = $1.713 \times 10^{-1} \times \text{Amt} - 5.602 \times 10^{-2}$
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

4-Nitrophenol



$\text{Response} = 1.822\text{e-}001 * \text{Amt} - 4.046\text{e-}002$
 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

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

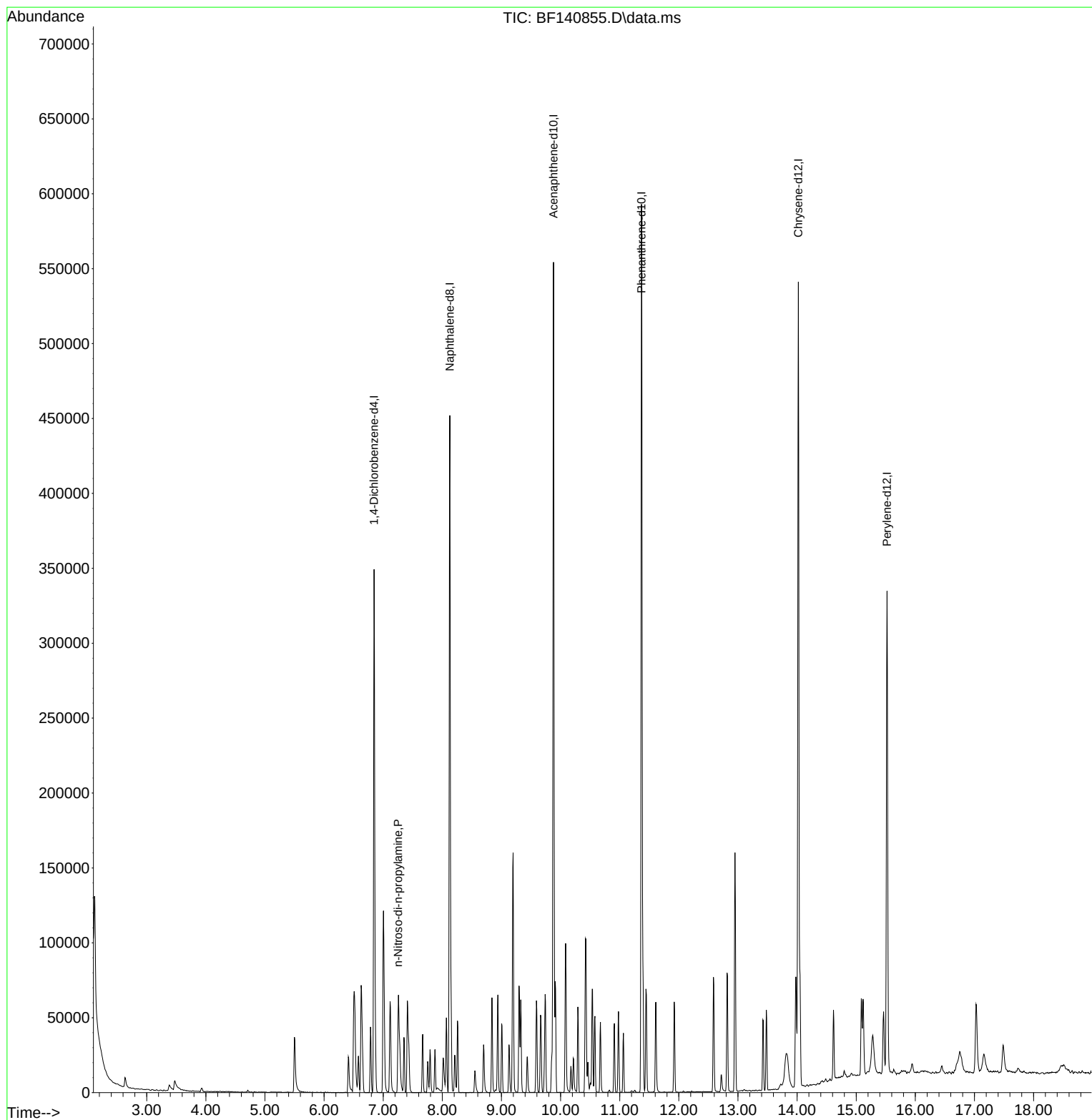
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	74199	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	283096	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	161044	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	317916	20.000	ng	0.00
76) Chrysene-d12	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

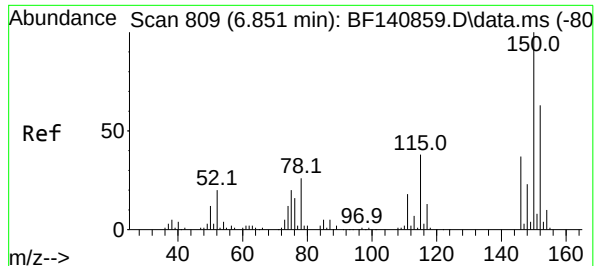
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

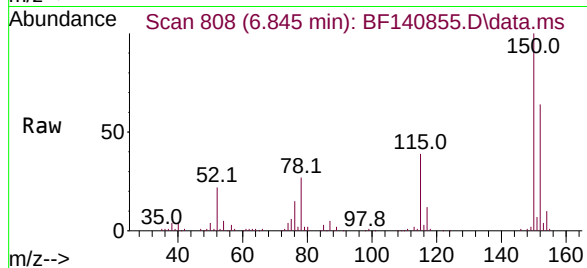
Quant Time: Dec 16 16:45:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



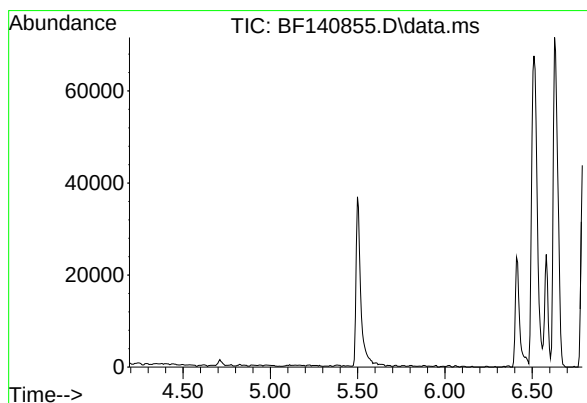
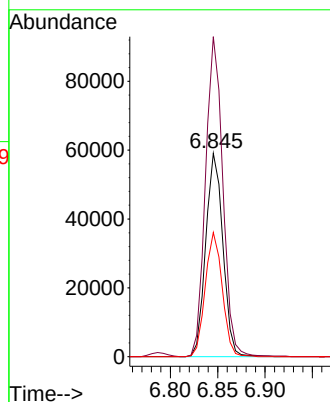
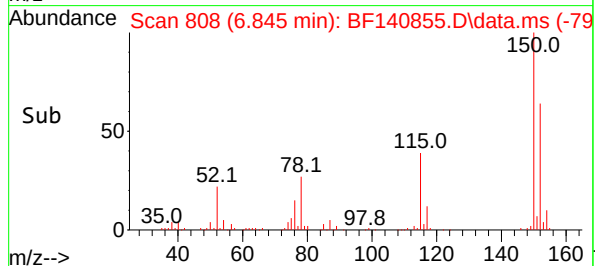


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



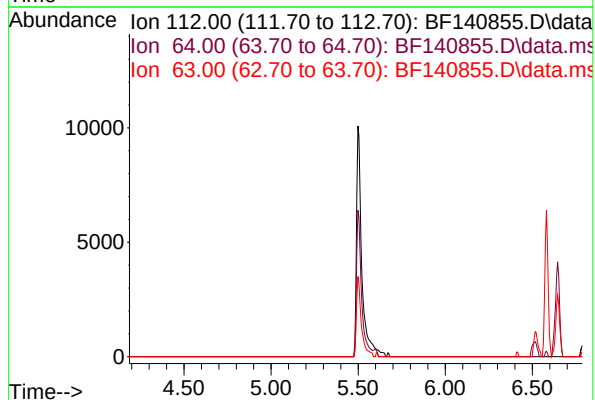
Tgt Ion:152 Resp: 74199
Ion Ratio Lower Upper
152 100
150 157.3 127.9 191.9
115 61.0 48.0 72.0

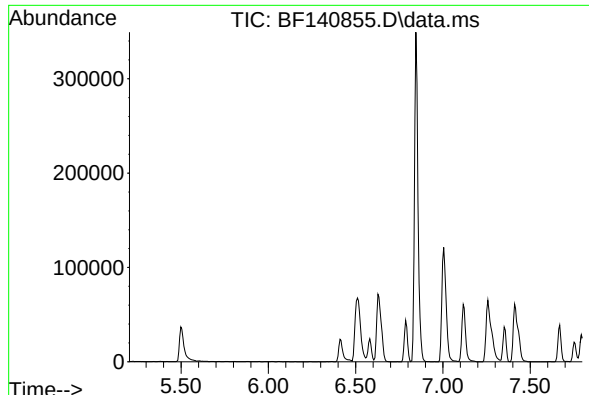


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

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

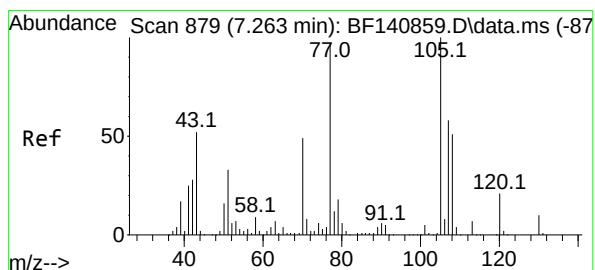
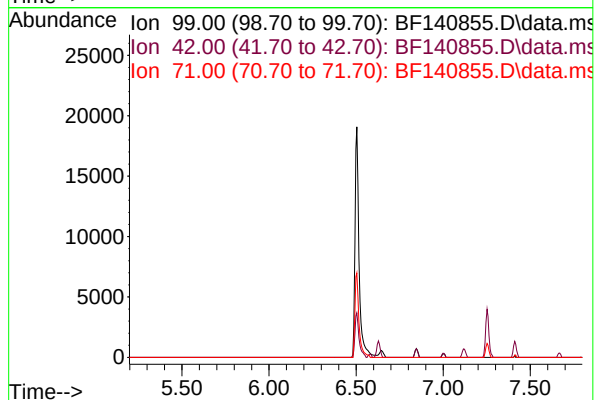
Tgt Ion: 99

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

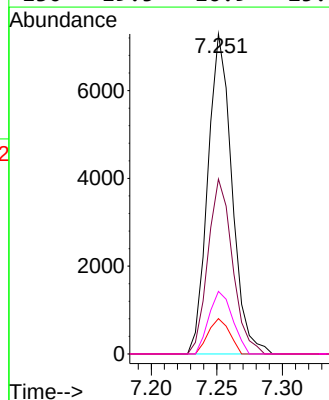
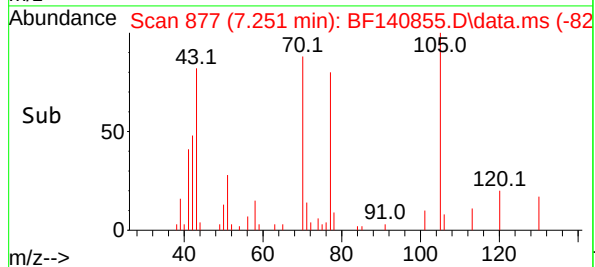
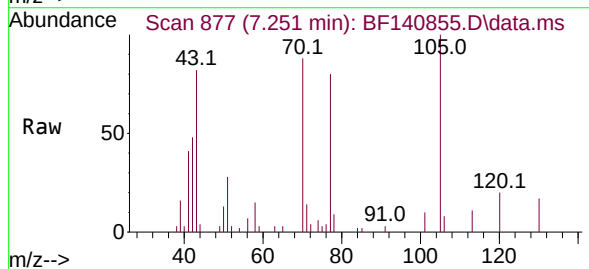
Ion Ratio Lower Upper

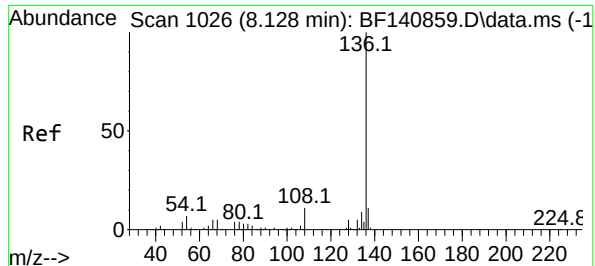
70 100

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

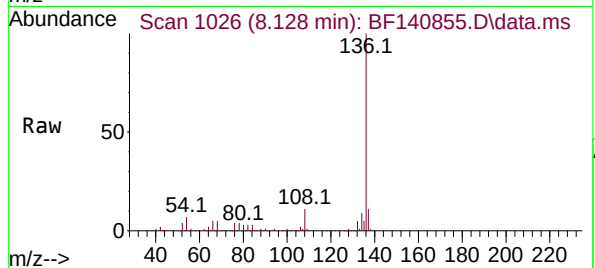
Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 283096

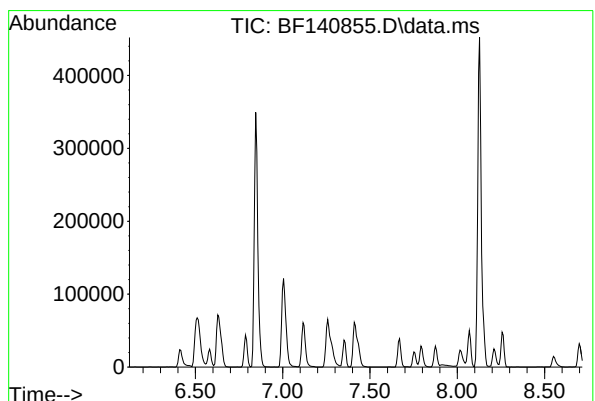
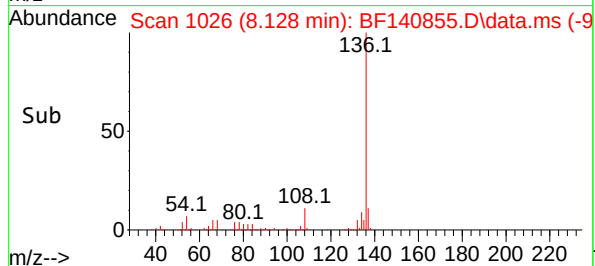
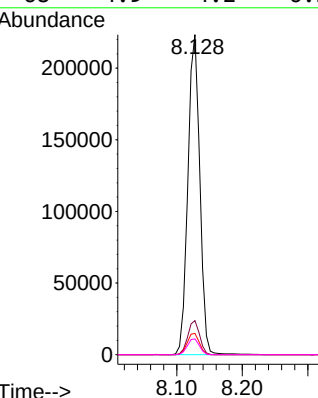
Ion Ratio Lower Upper

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

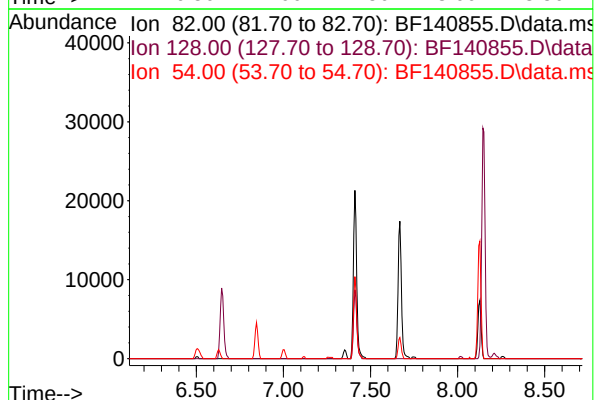
Tgt Ion: 82

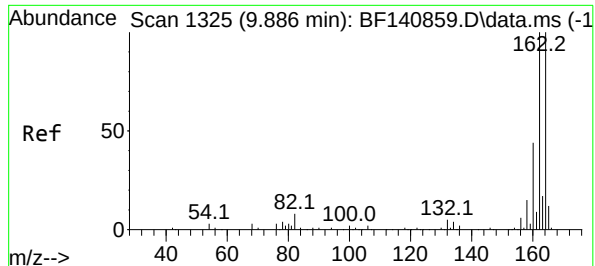
Sig Exp Ratio

82 100

128 43.0

54 48.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

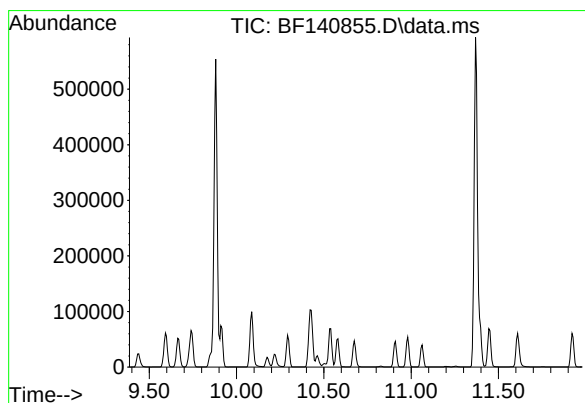
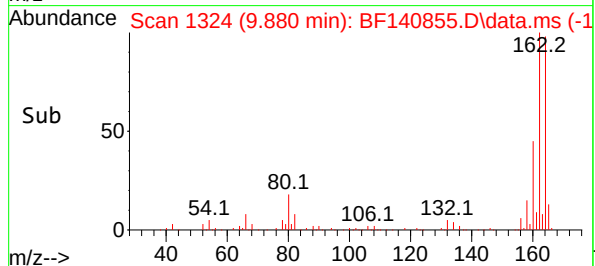
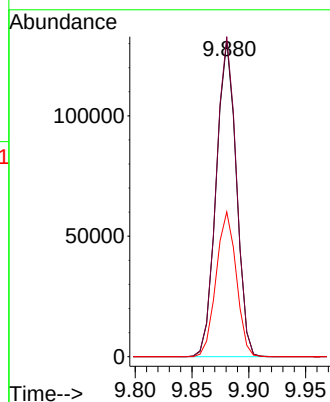
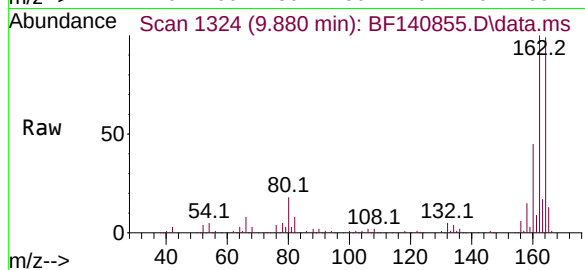
Tgt Ion:164 Resp: 161044

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

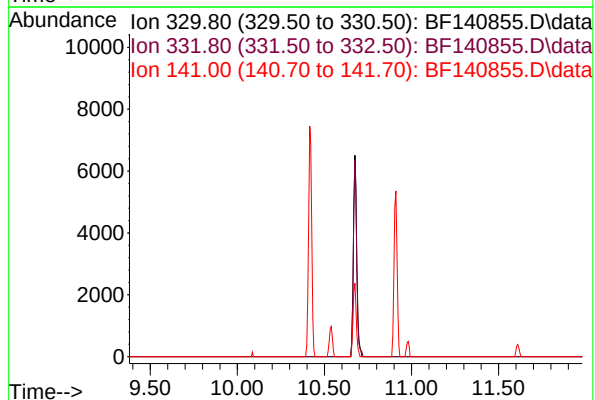
Tgt Ion: 330

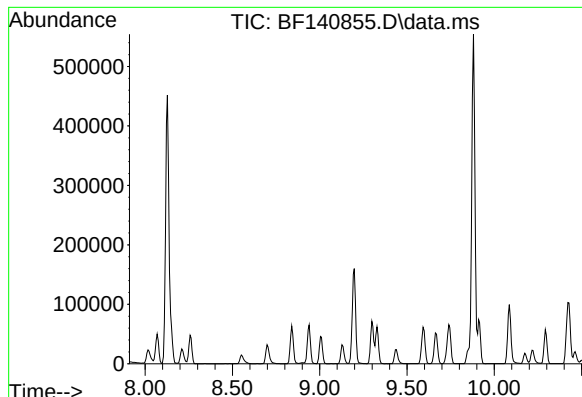
Sig Exp Ratio

330 100

332 95.3

141 31.1

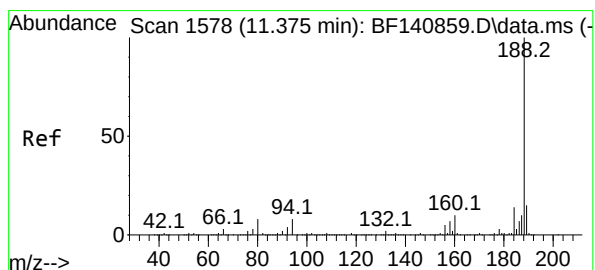
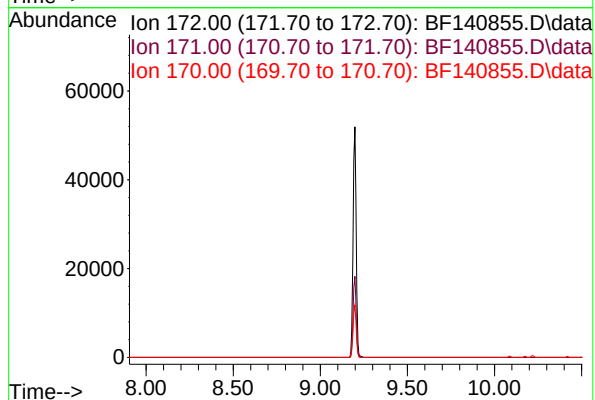




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.20 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

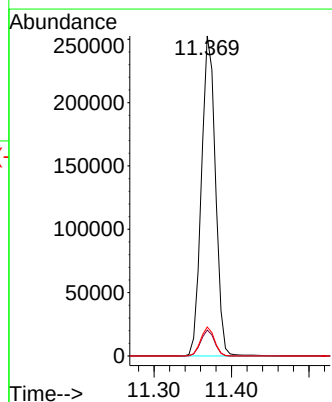
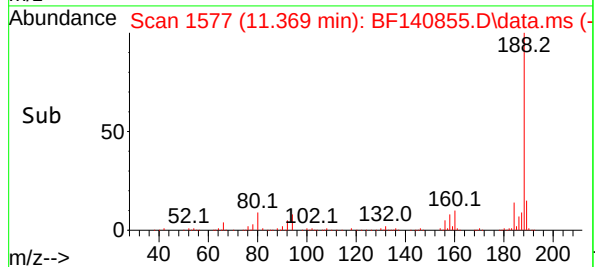
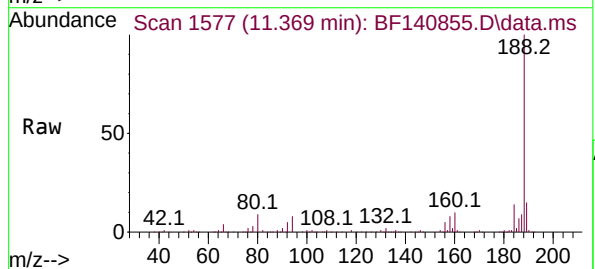
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

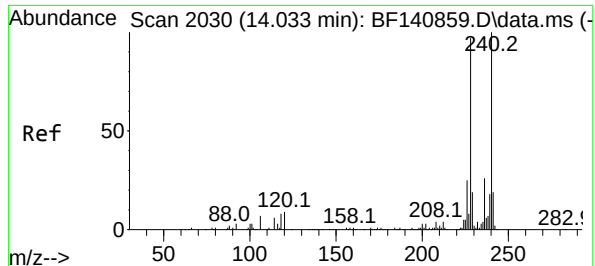
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.5
170 23.3



#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# 20

Delta R.T. -0.012 min

Lab File: BF140855.D

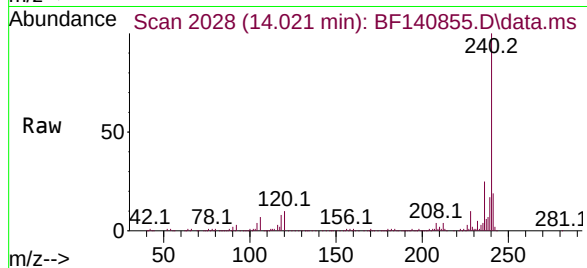
Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



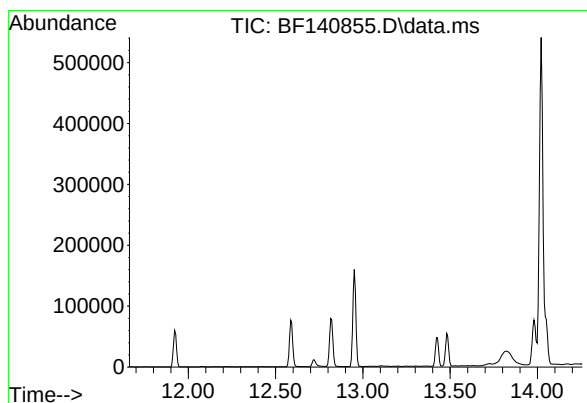
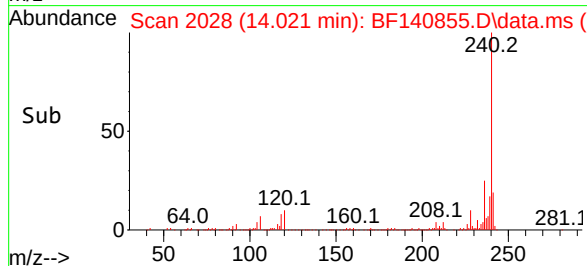
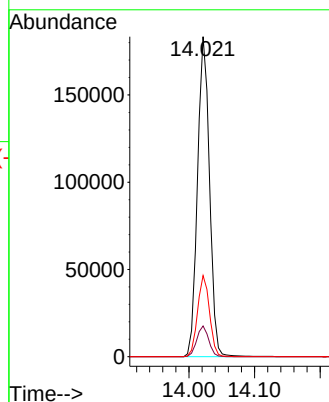
Tgt Ion:240 Resp: 234189

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

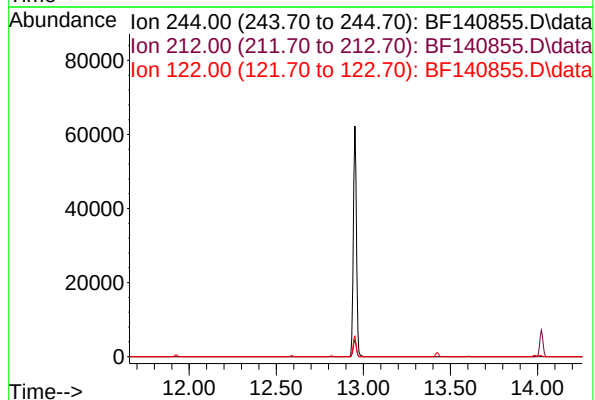
Tgt Ion: 244

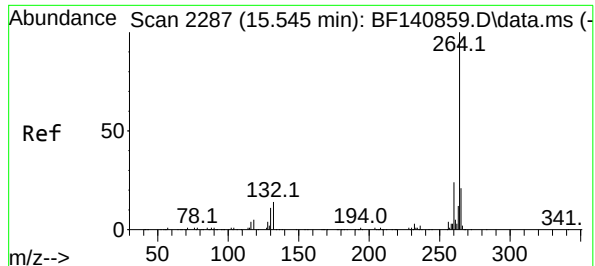
Sig Exp Ratio

244 100

212 7.0

122 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140855.D

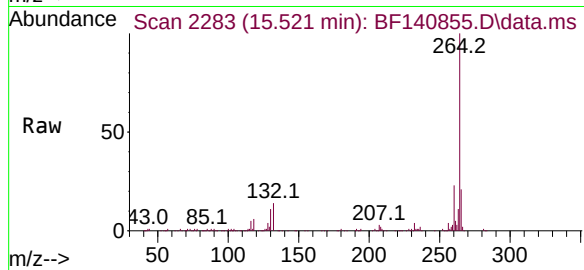
Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



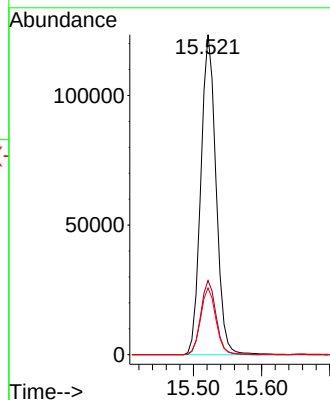
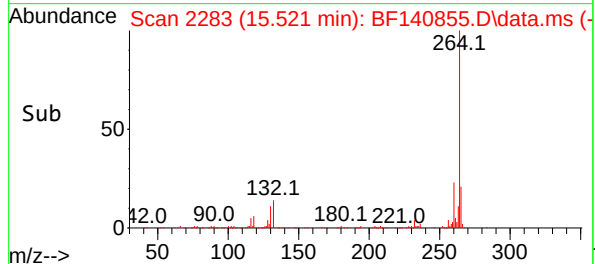
Tgt Ion:264 Resp: 191083

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 20.9 17.0 25.4



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

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

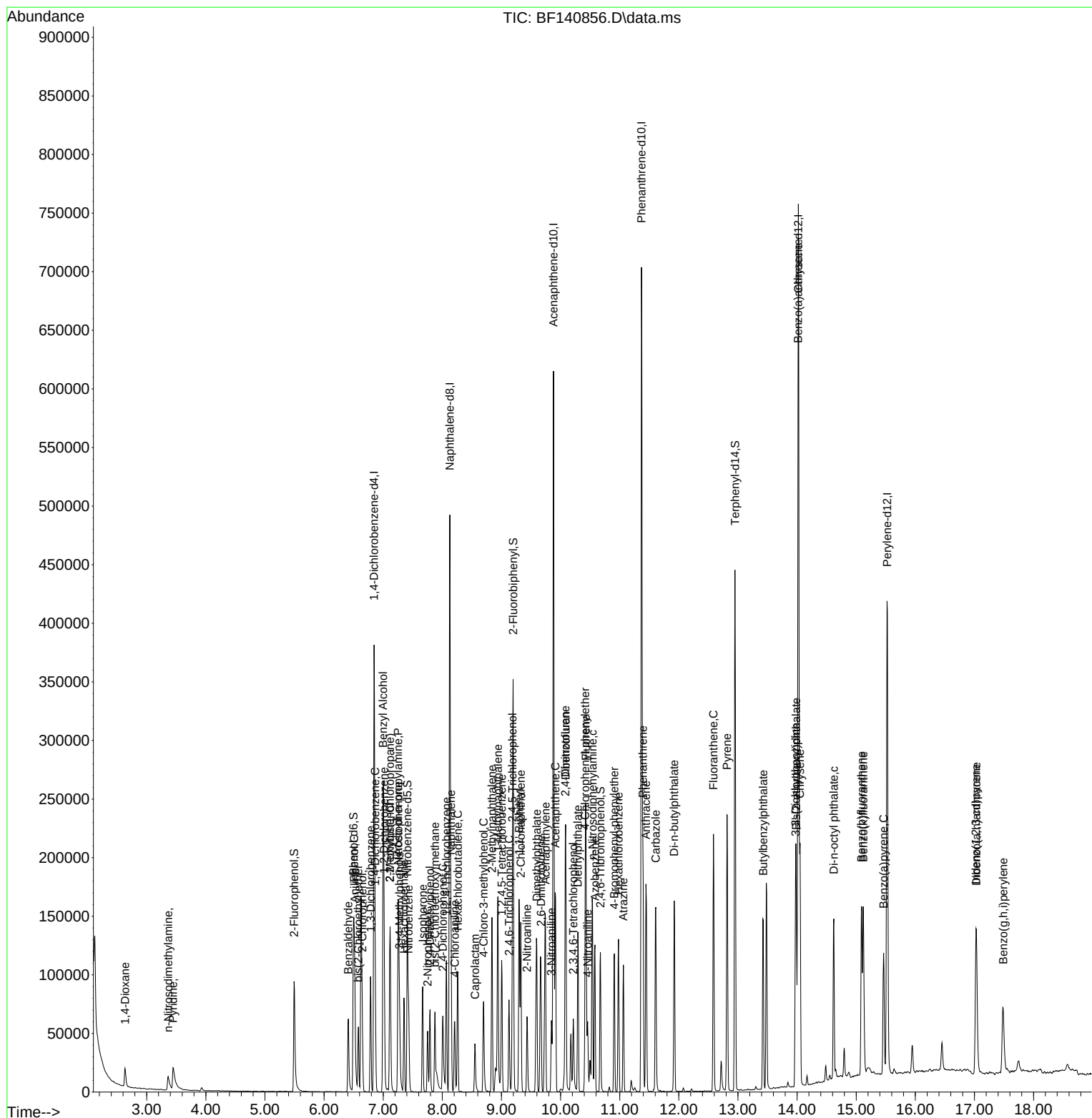
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.328	162	55976	5.080	ng	98
48) 2-Nitroaniline	9.433	65	15829	4.757	ng	98
49) Acenaphthylene	9.745	152	84871	5.241	ng	99
50) Dimethylphthalate	9.598	163	64810	5.075	ng	99
51) 2,6-Dinitrotoluene	9.669	165	14507	4.969	ng	99
52) Acenaphthene	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

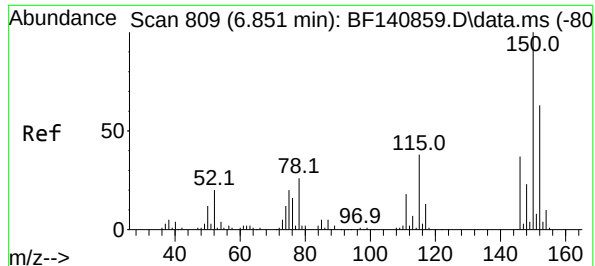
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

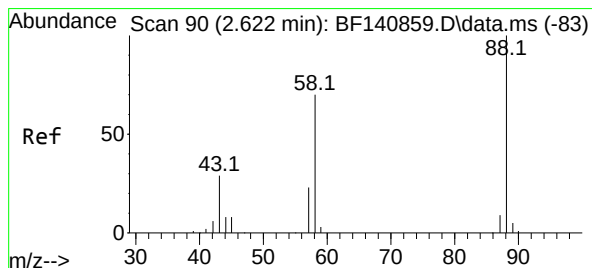
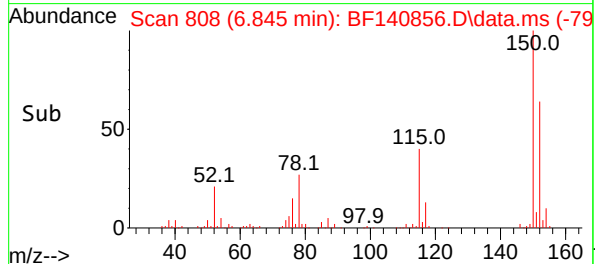
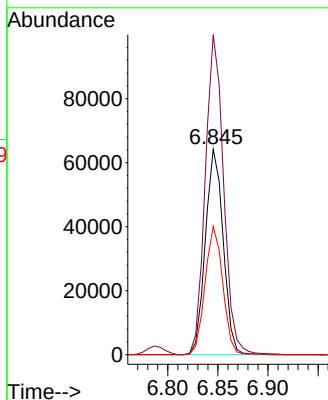
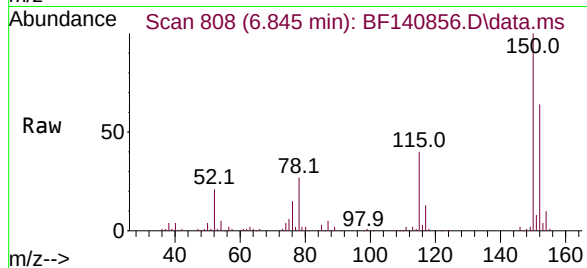




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

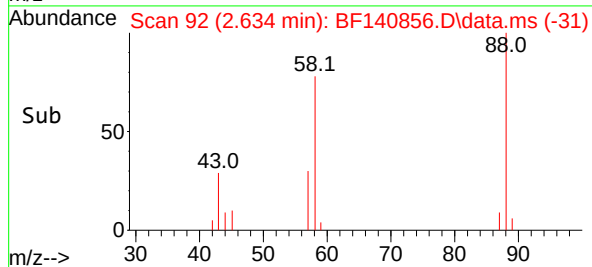
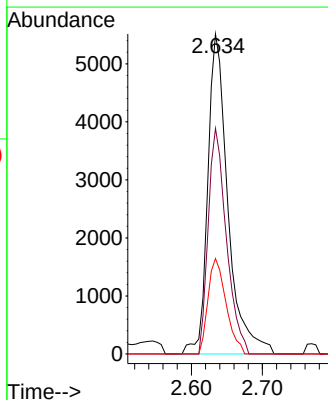
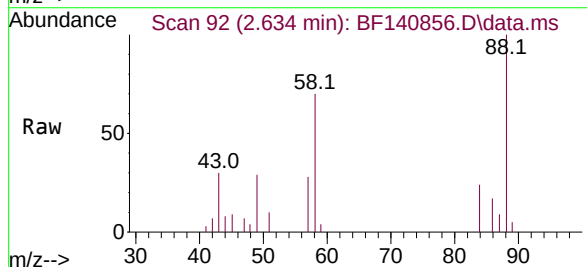
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

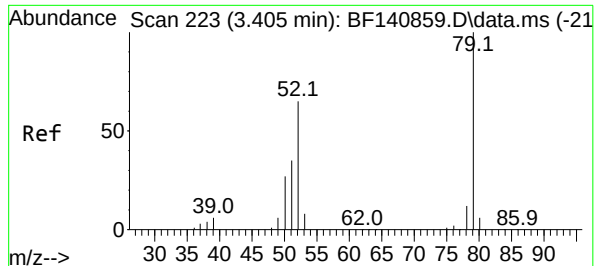
Tgt Ion:152 Resp: 79655
Ion Ratio Lower Upper
152 100
150 155.8 127.9 191.9
115 62.4 48.0 72.0



#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# 21

Delta R.T. 0.041 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

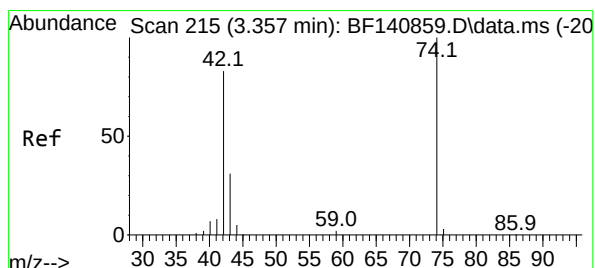
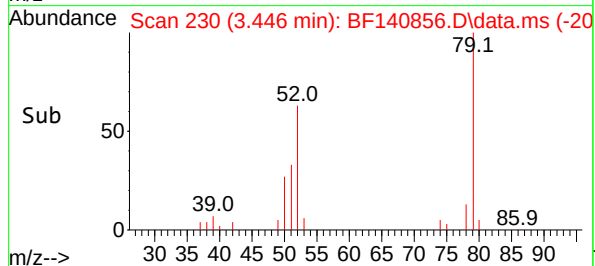
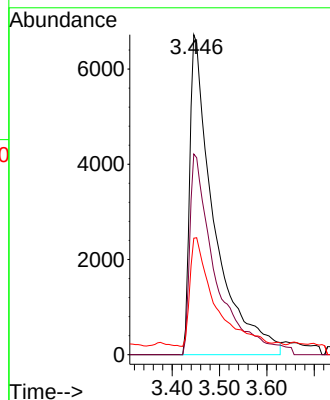
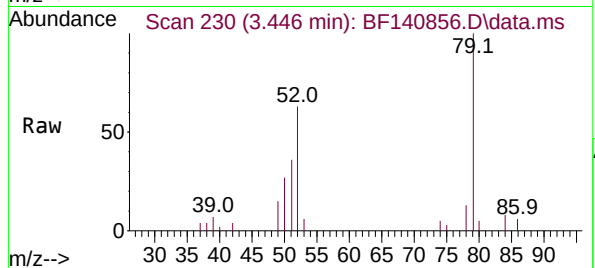
Tgt Ion: 79 Resp: 23956

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

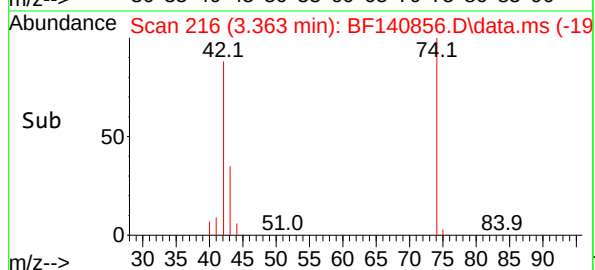
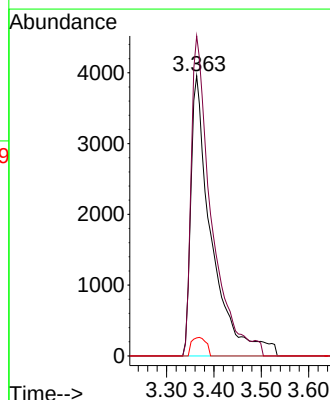
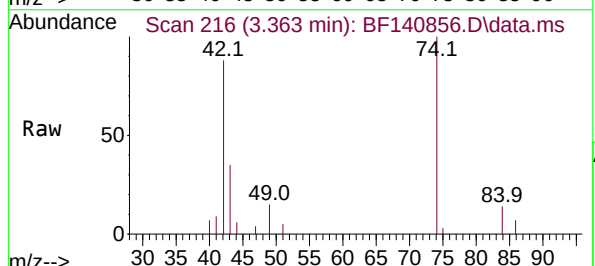
Tgt Ion: 42 Resp: 11912

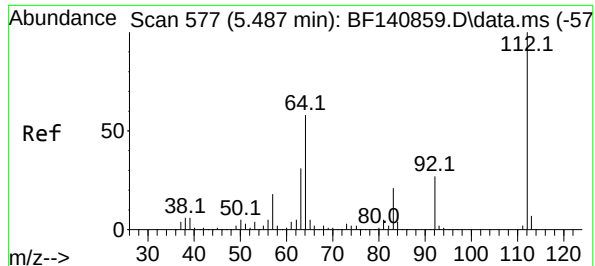
Ion Ratio Lower Upper

42 100

74 114.2 96.9 145.3

44 6.5 4.4 6.6

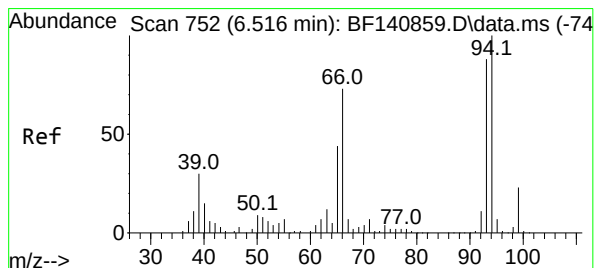
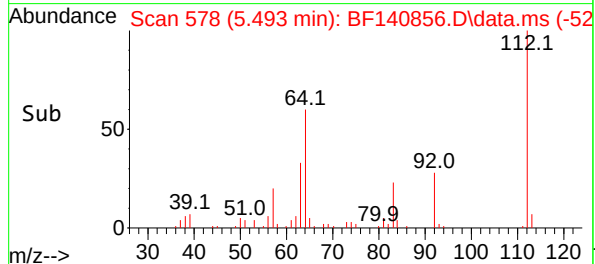
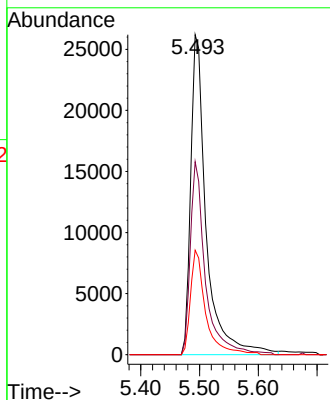
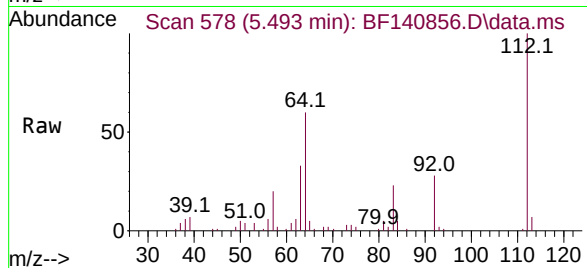




#5
2-Fluorophenol
Concen: 9.965 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

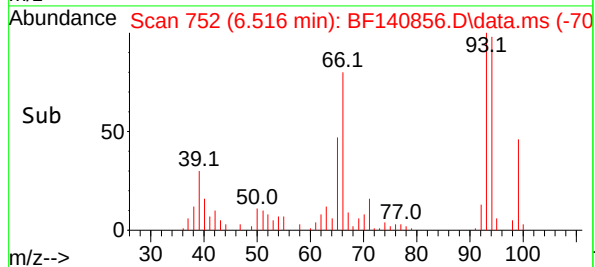
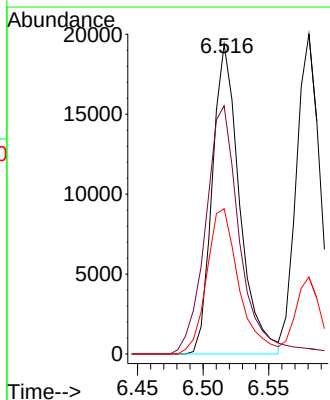
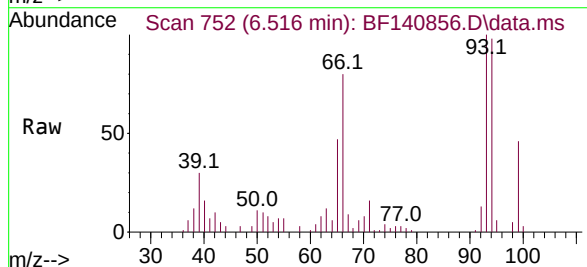
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

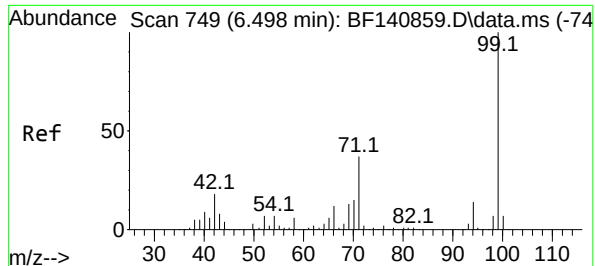
Tgt Ion:112 Resp: 48219
Ion Ratio Lower Upper
112 100
64 60.3 46.1 69.1
63 32.6 24.9 37.3



#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# 749

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

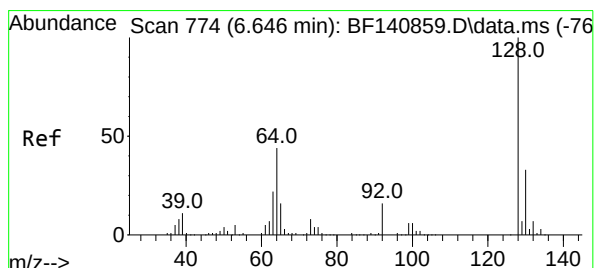
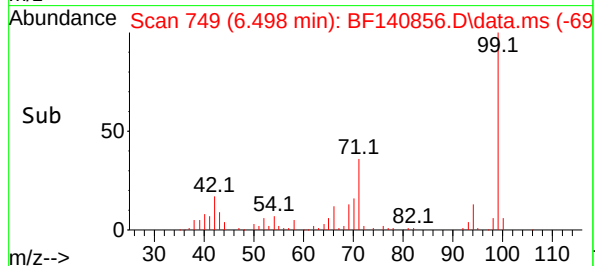
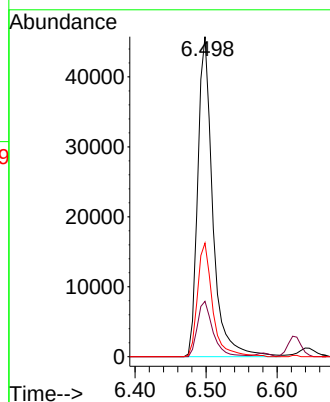
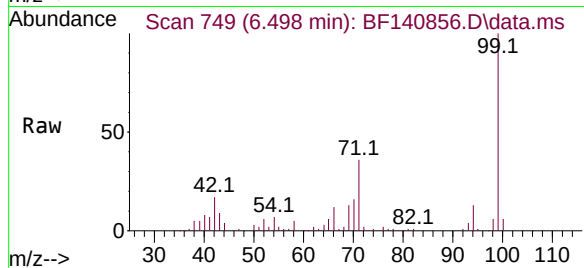
Tgt Ion: 99 Resp: 67396

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

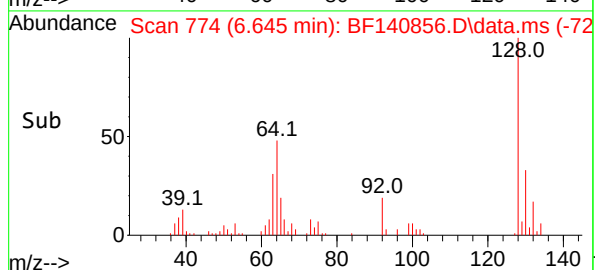
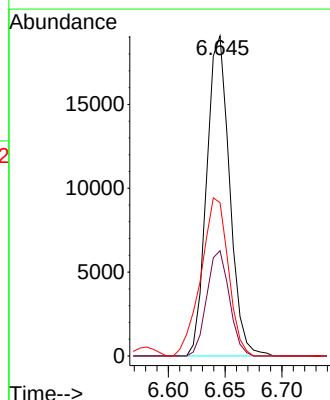
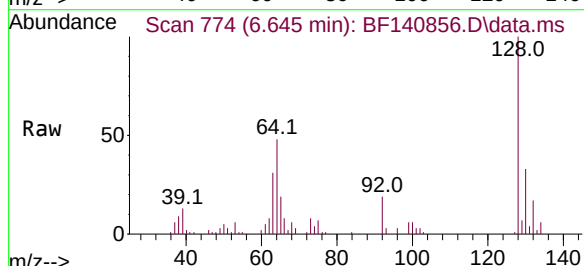
Tgt Ion:128 Resp: 26751

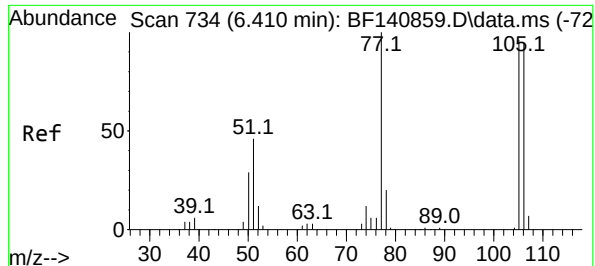
Ion Ratio Lower Upper

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# 710

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

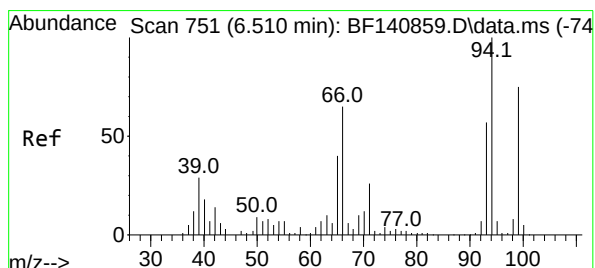
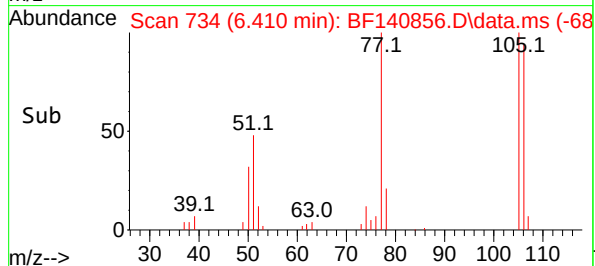
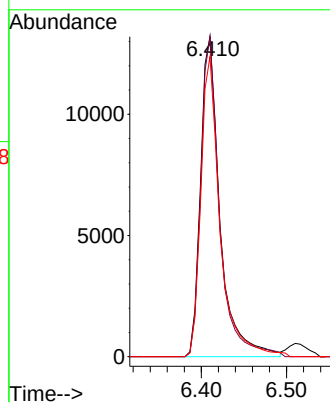
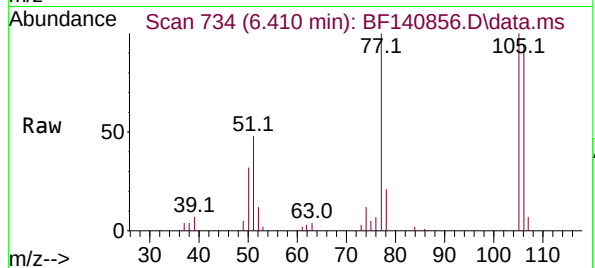
Tgt Ion: 77 Resp: 20868

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

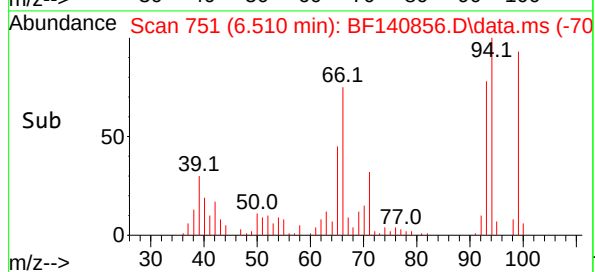
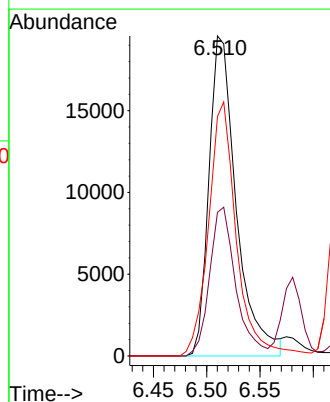
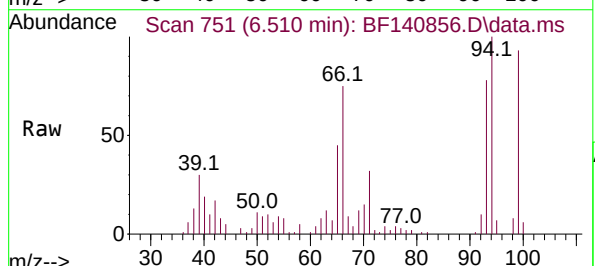
Tgt Ion: 94 Resp: 34967

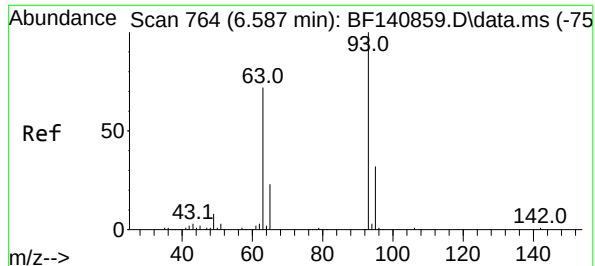
Ion Ratio Lower Upper

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# 763

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

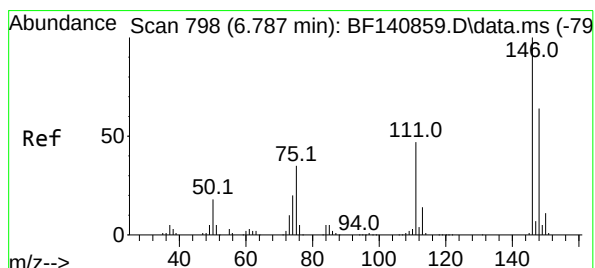
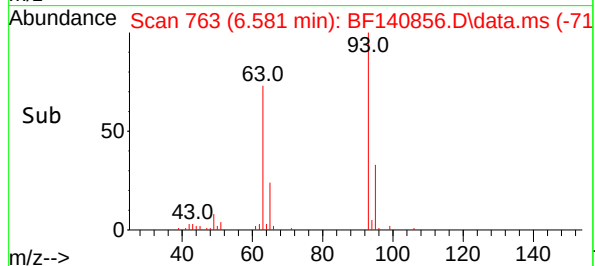
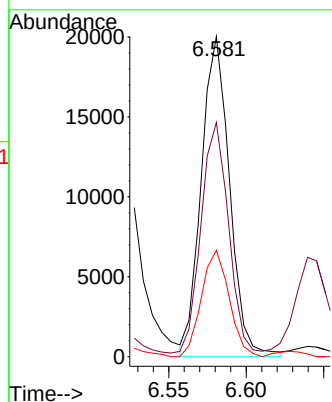
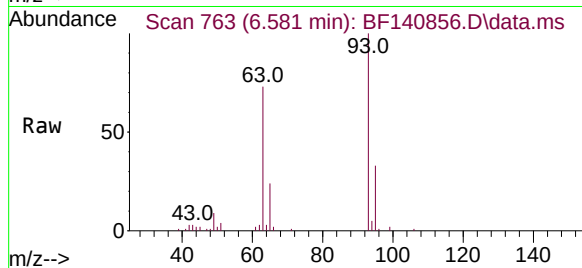
Tgt Ion: 93 Resp: 25426

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

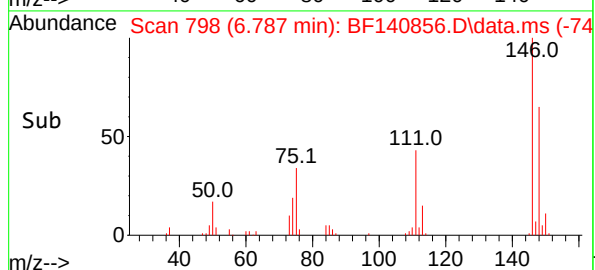
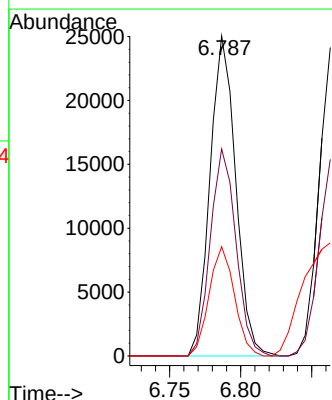
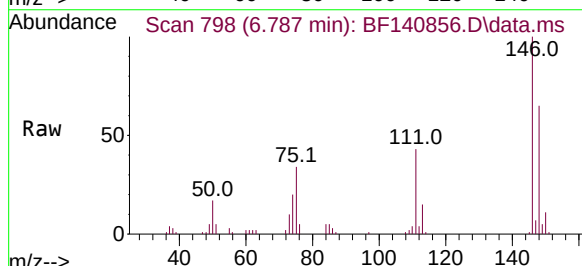
Tgt Ion: 146 Resp: 31542

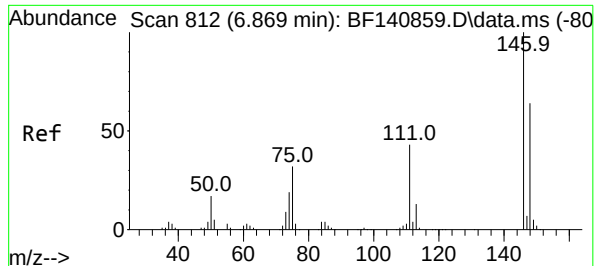
Ion Ratio Lower Upper

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# 81

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

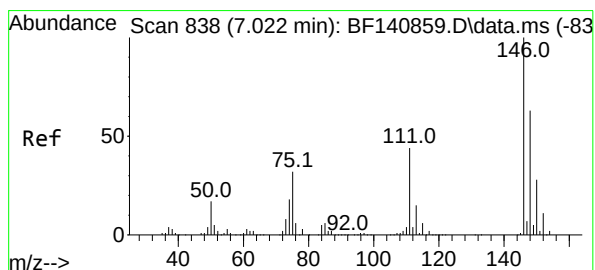
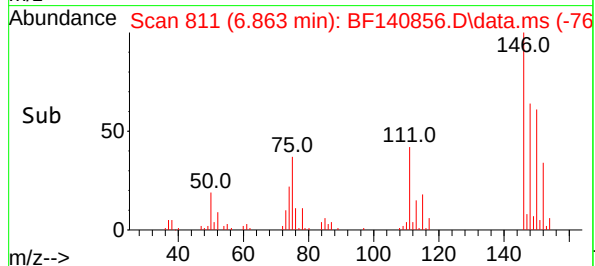
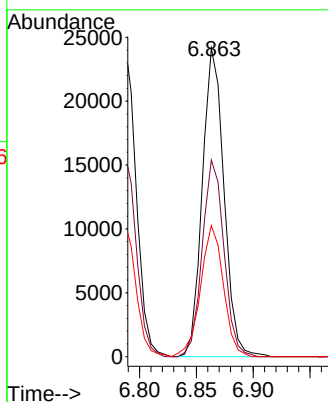
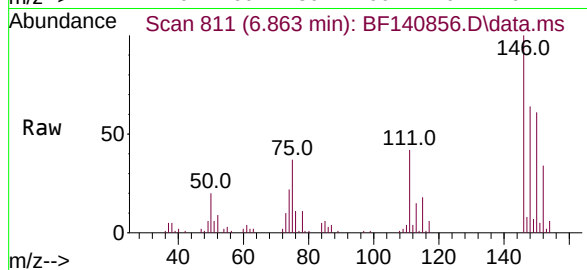
Tgt Ion:146 Resp: 32009

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

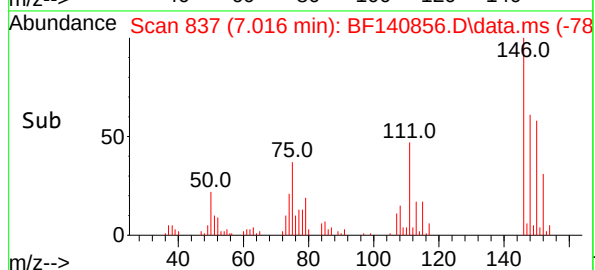
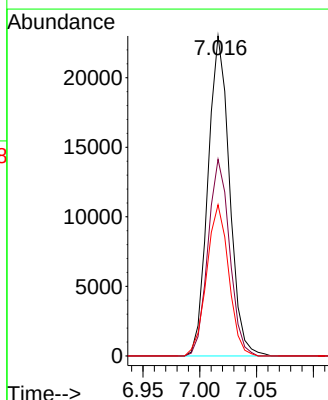
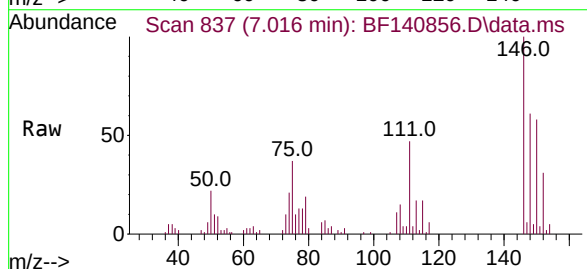
Tgt Ion:146 Resp: 30294

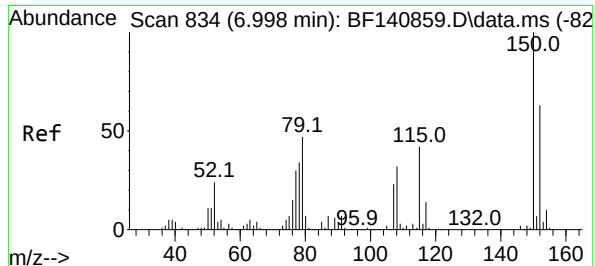
Ion Ratio Lower Upper

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# 81

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

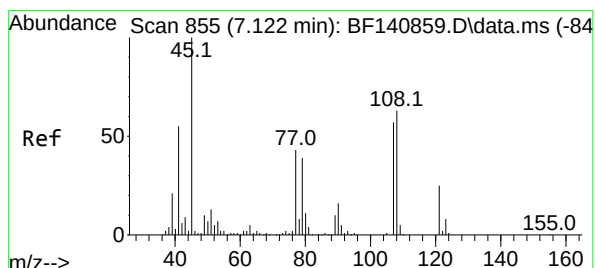
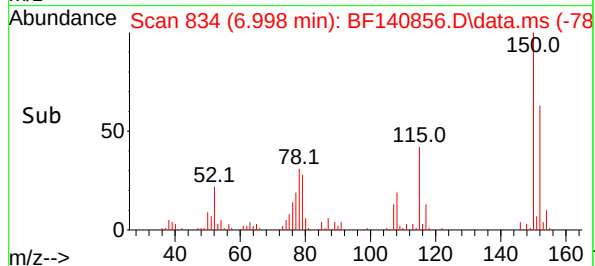
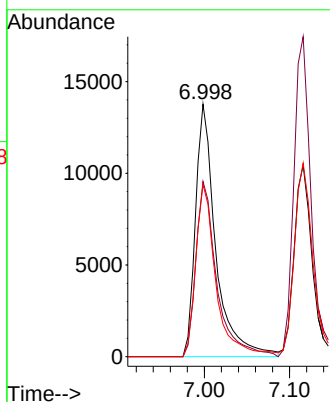
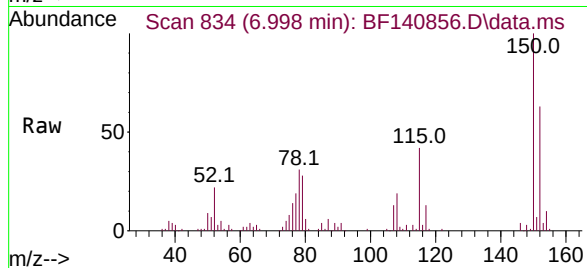
Tgt Ion: 79 Resp: 22831

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

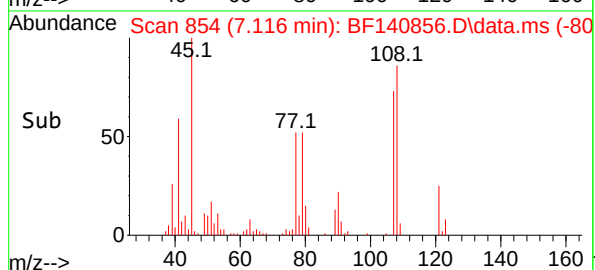
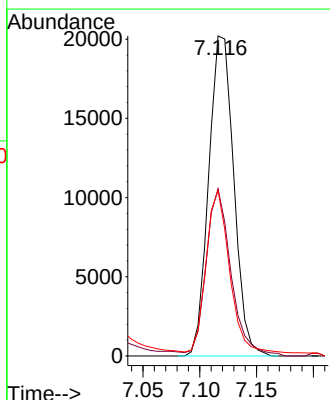
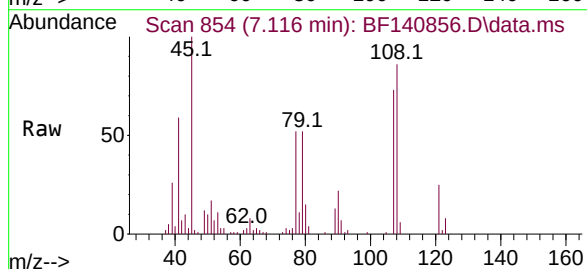
Tgt Ion: 45 Resp: 31121

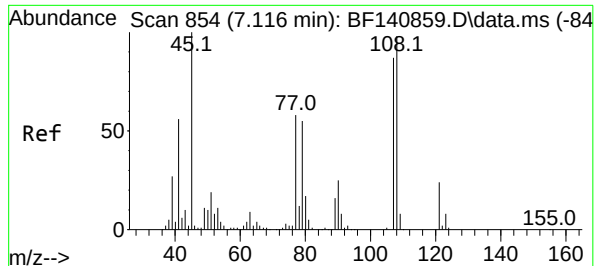
Ion Ratio Lower Upper

45 100

77 52.3 23.3 63.3

79 51.7 20.0 60.0

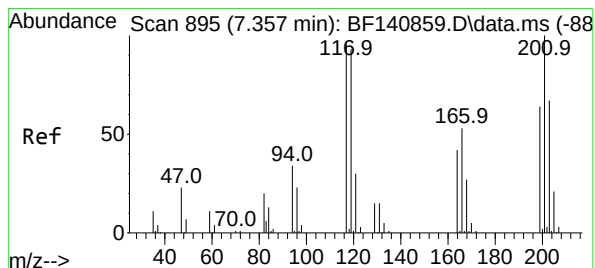
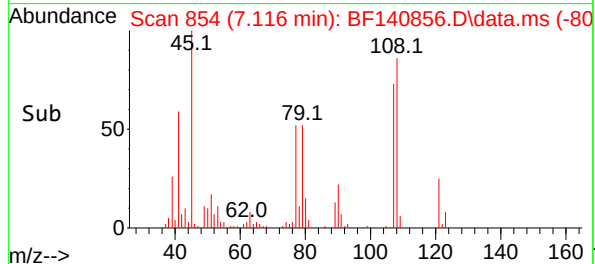
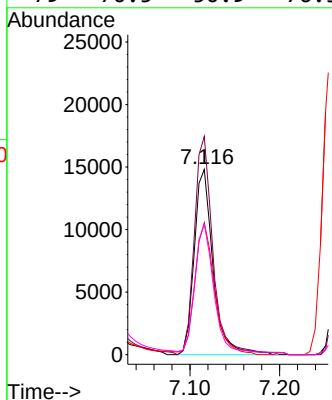
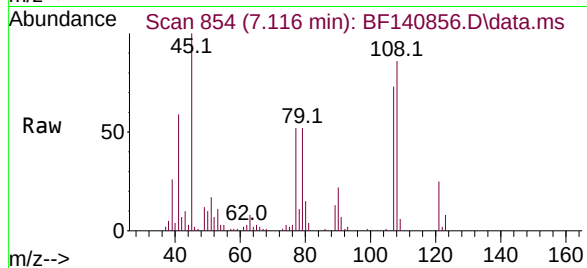




#17
2-Methylphenol
Concen: 5.112 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

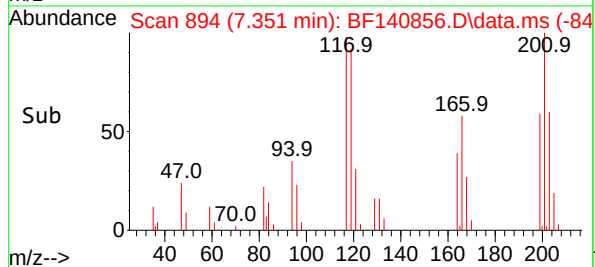
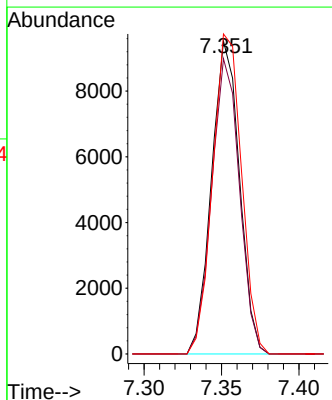
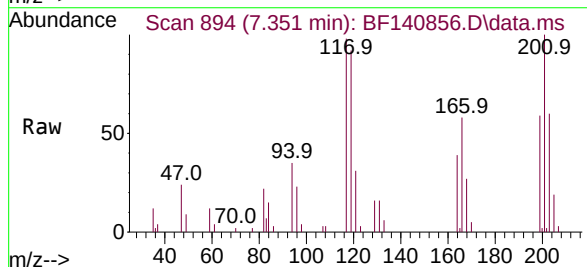
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

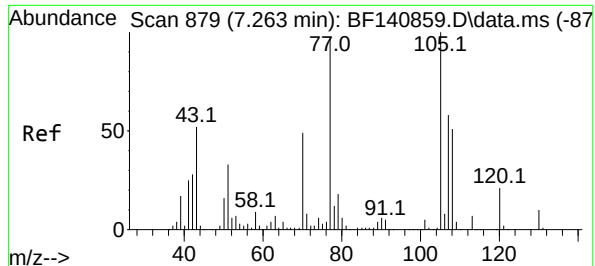
Tgt Ion	Ratio	Lower	Upper
107	100		
108	117.8	90.2	135.4
77	71.3	53.8	80.6
79	70.5	50.9	76.3



#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	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# 81

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

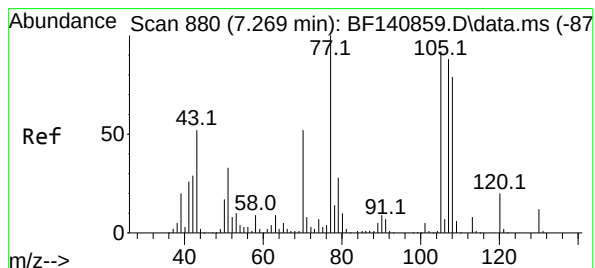
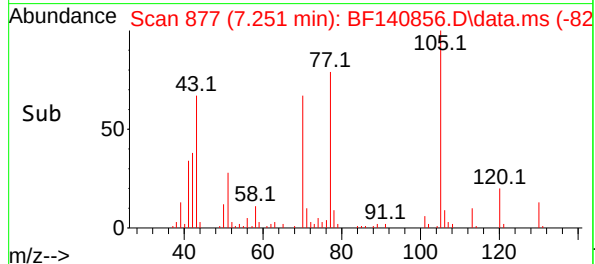
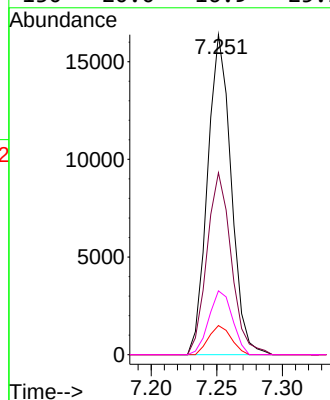
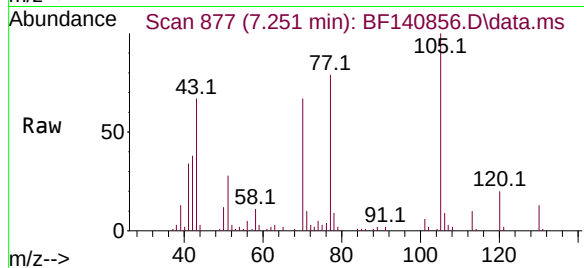
Ion Ratio Lower Upper

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

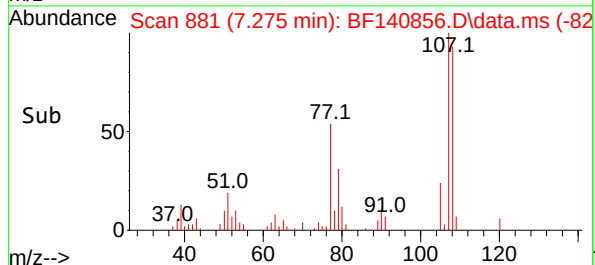
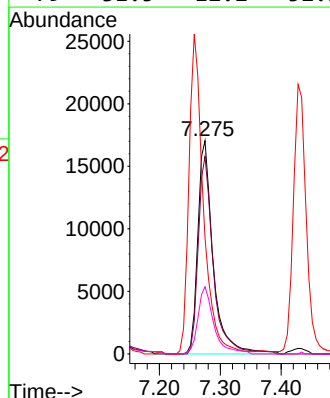
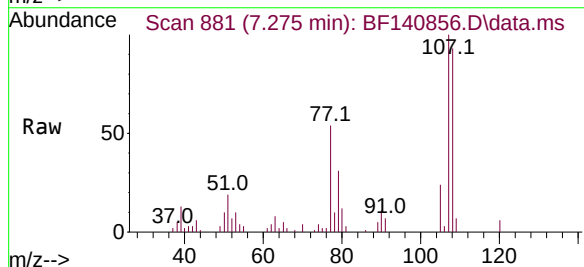
Ion Ratio Lower Upper

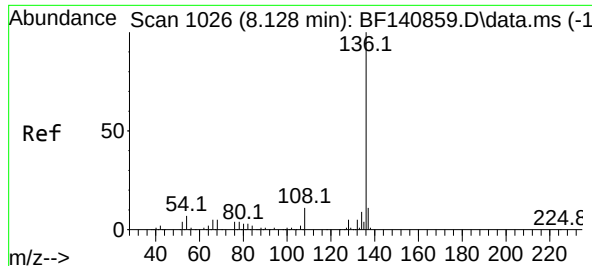
107 100

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

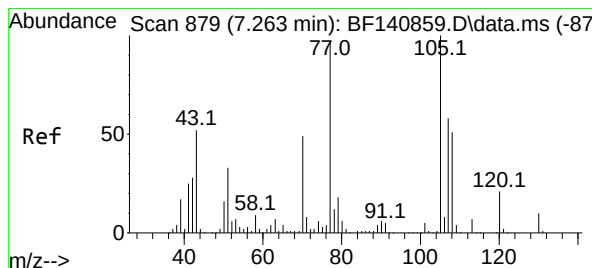
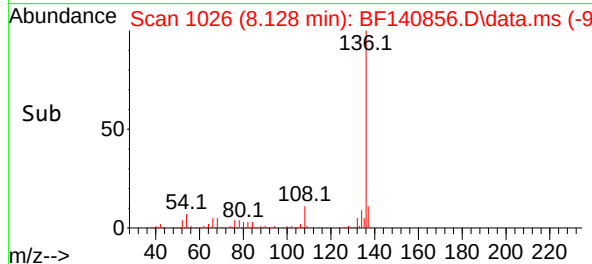
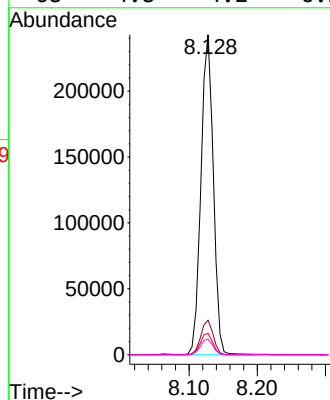
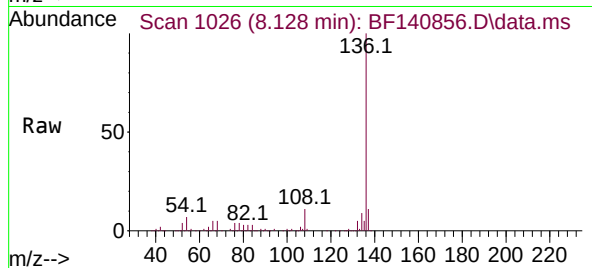
Ion Ratio Lower Upper

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

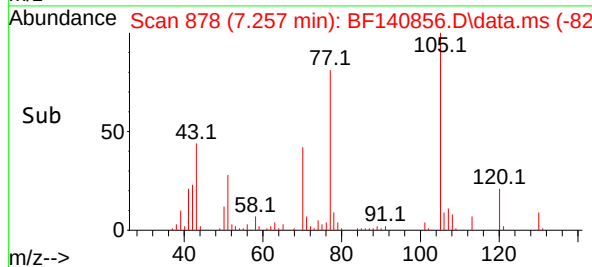
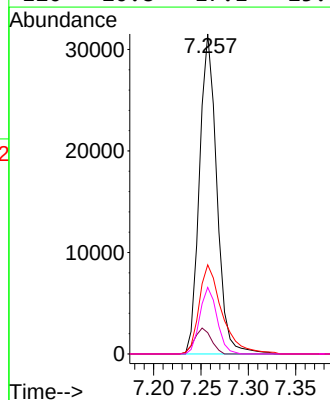
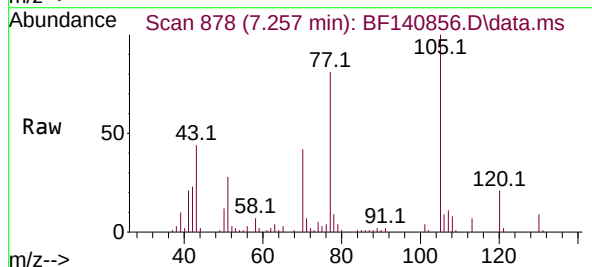
Ion Ratio Lower Upper

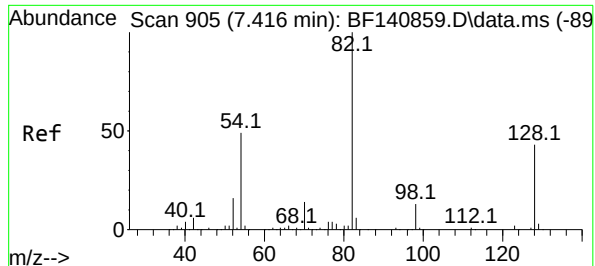
105 100

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# 90

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

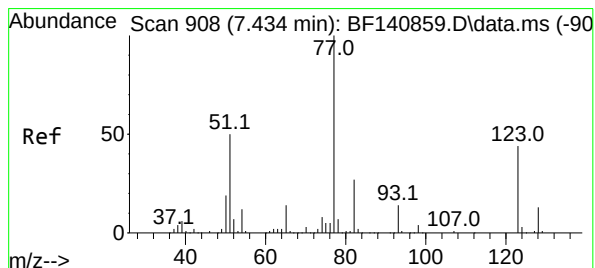
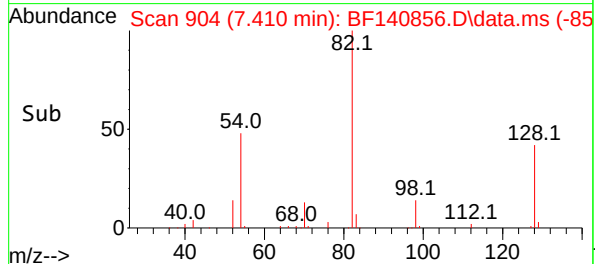
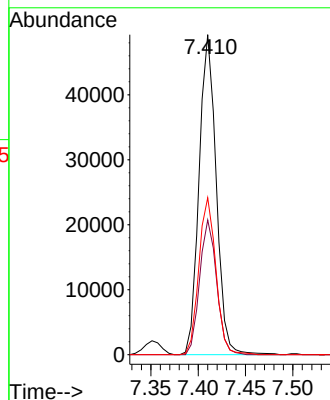
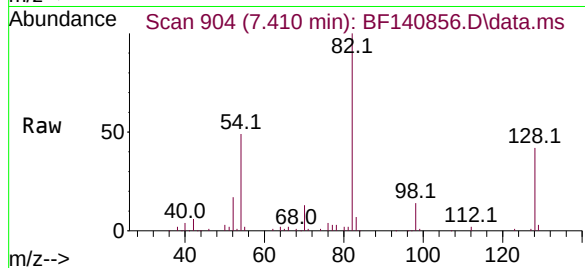
Tgt Ion: 82 Resp: 62104

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

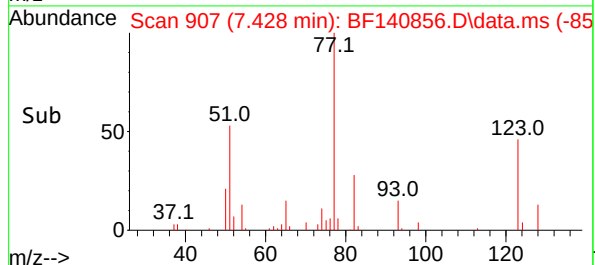
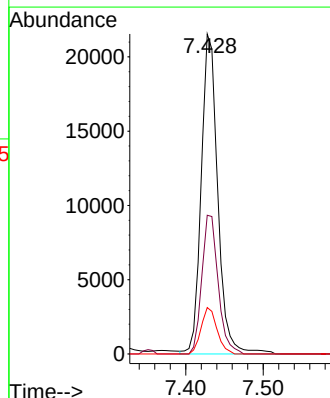
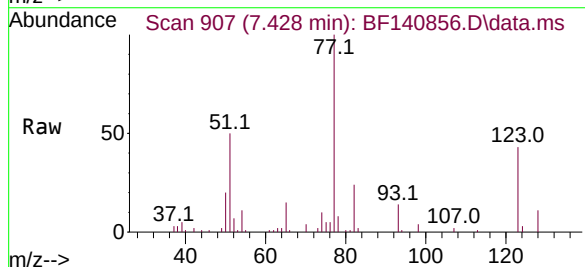
Tgt Ion: 77 Resp: 31964

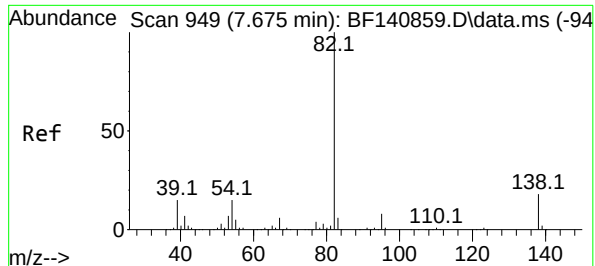
Ion Ratio Lower Upper

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# 949

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

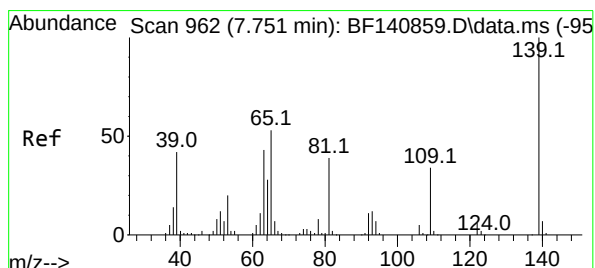
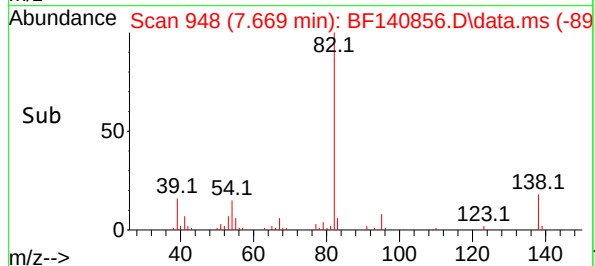
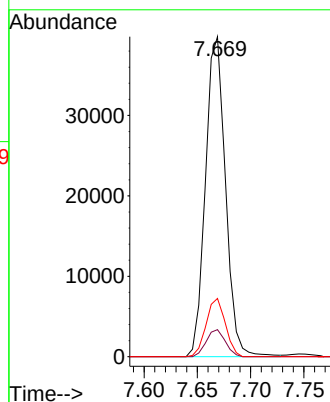
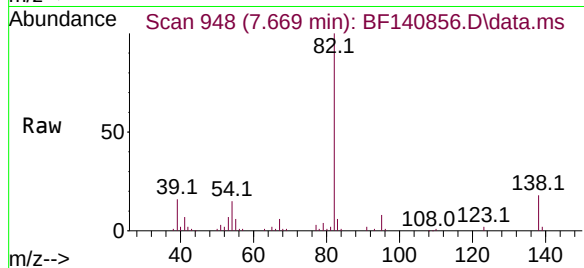
Tgt Ion: 82 Resp: 52133

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

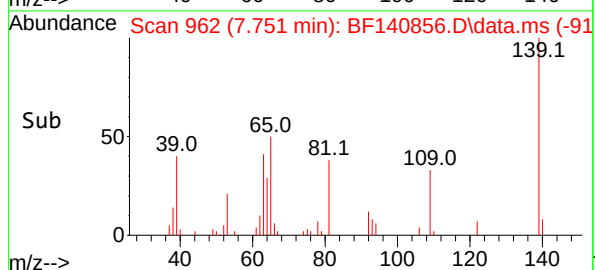
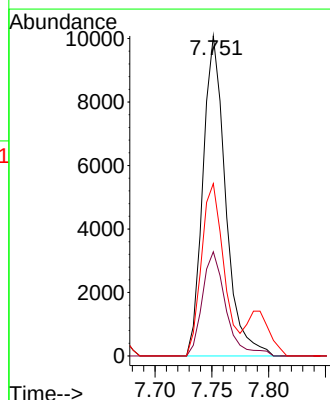
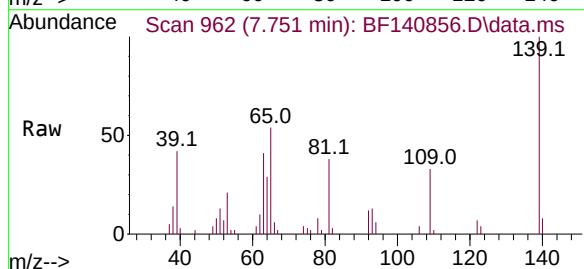
Tgt Ion:139 Resp: 13994

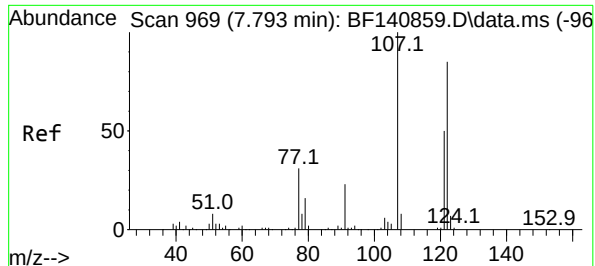
Ion Ratio Lower Upper

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# 90

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

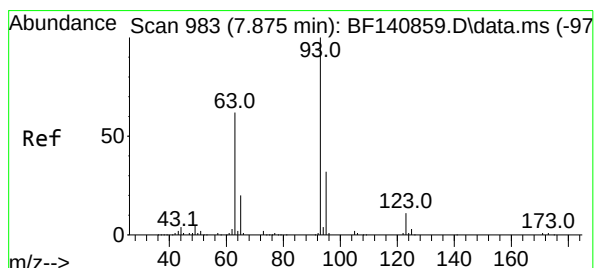
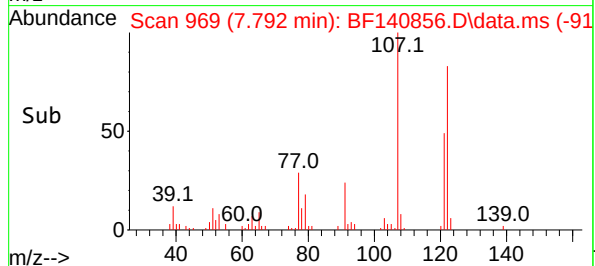
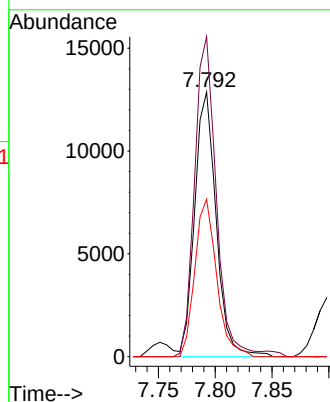
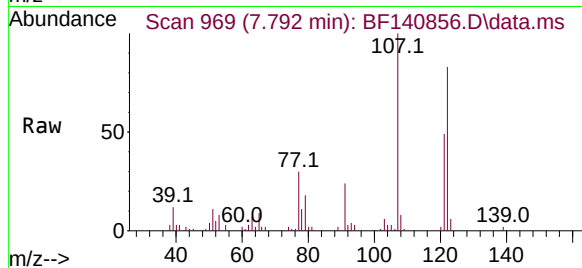
Tgt Ion:122 Resp: 16915

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

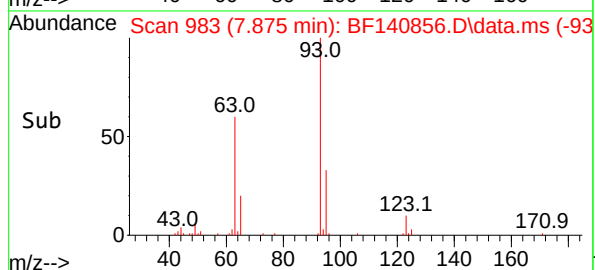
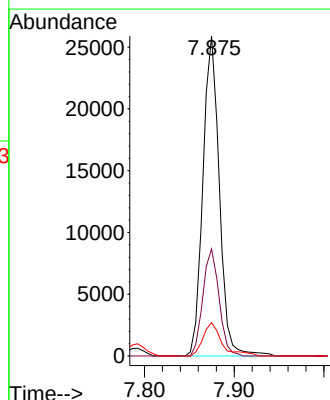
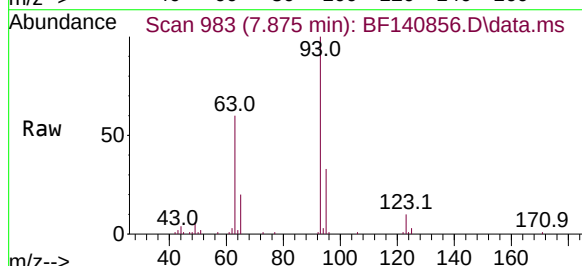
Tgt Ion: 93 Resp: 32959

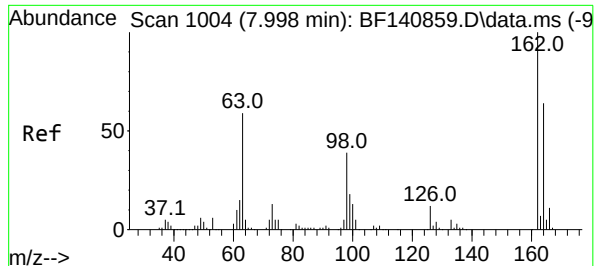
Ion Ratio Lower Upper

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# 1006

Delta R.T. 0.012 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

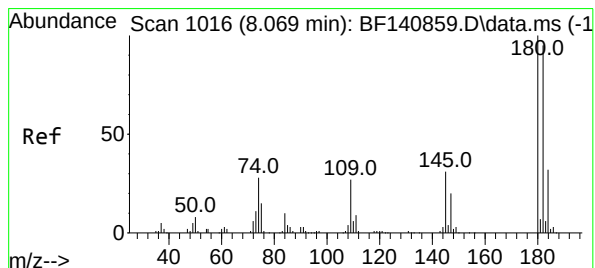
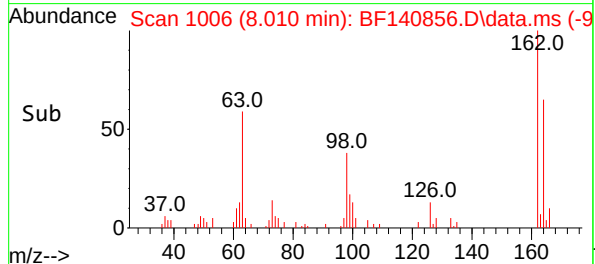
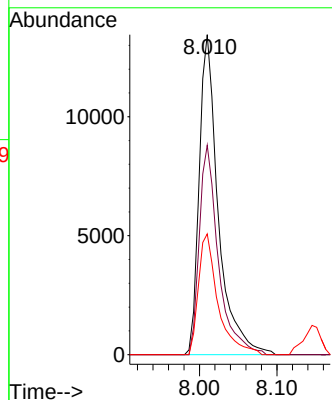
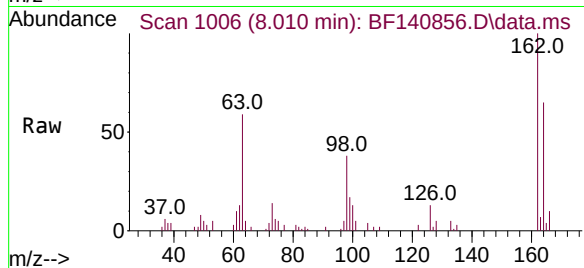
Tgt Ion:162 Resp: 22982

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

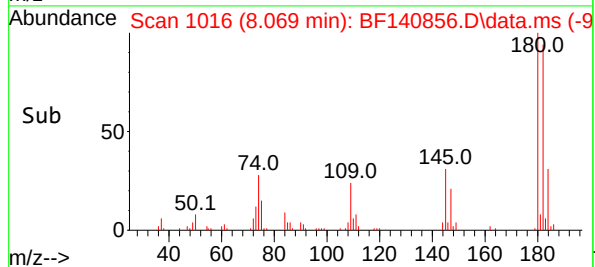
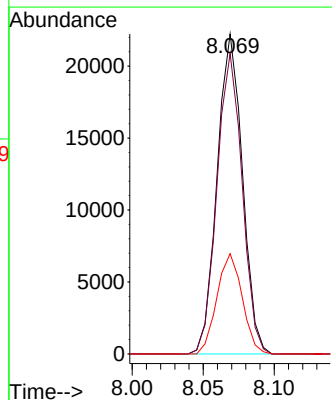
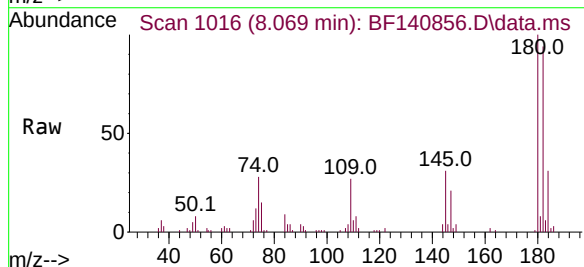
Tgt Ion:180 Resp: 27533

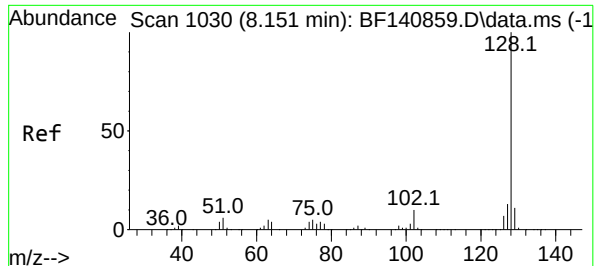
Ion Ratio Lower Upper

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# 10

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

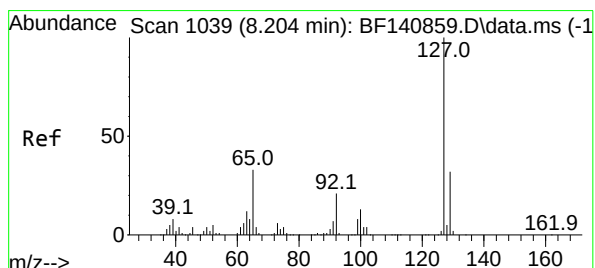
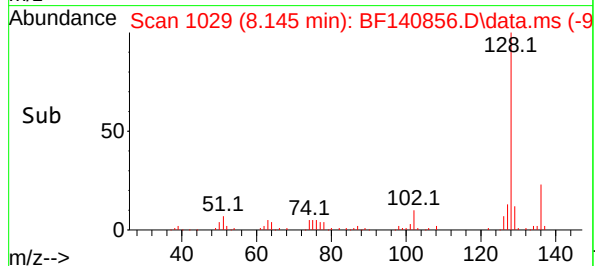
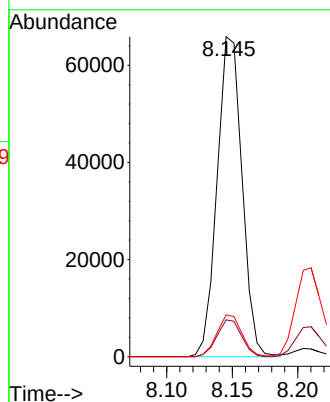
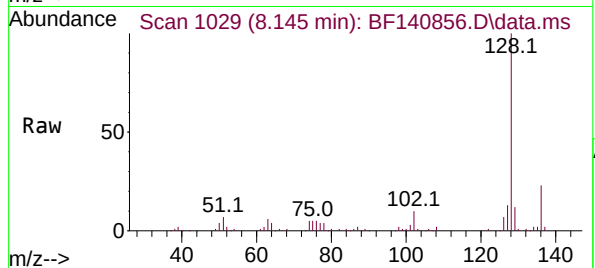
Tgt Ion:128 Resp: 87082

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

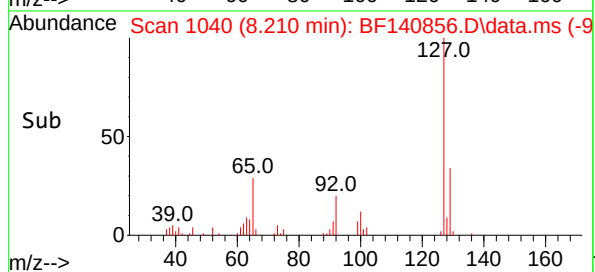
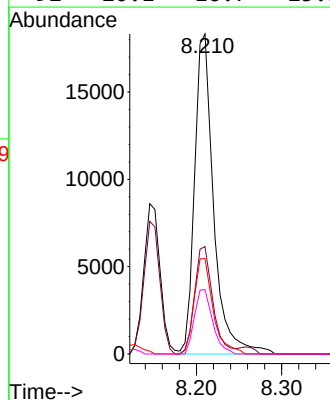
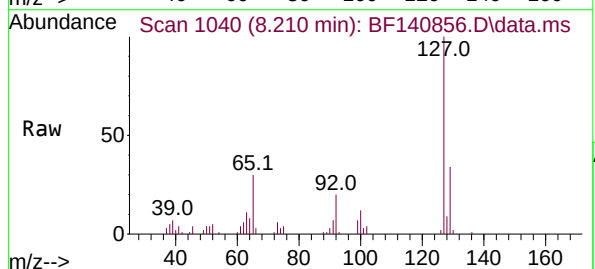
Ion Ratio Lower Upper

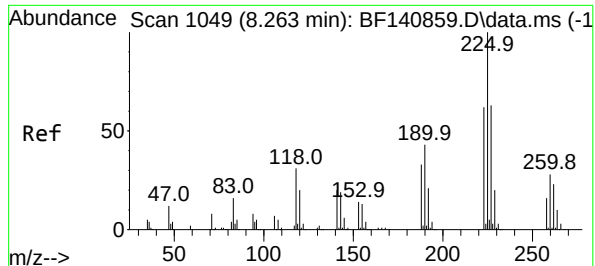
127 100

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# 1049

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

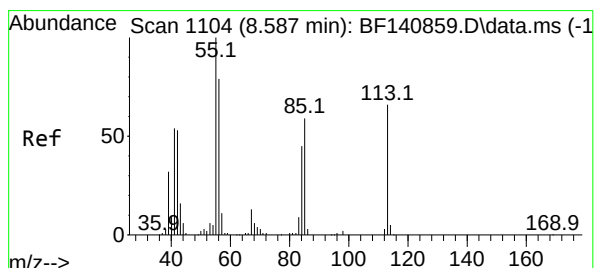
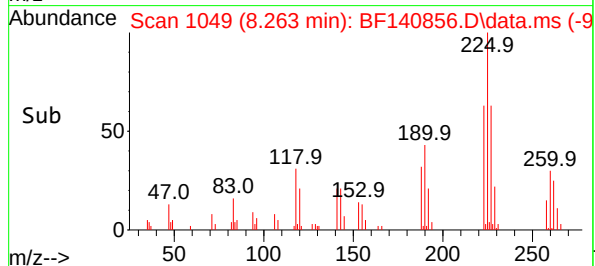
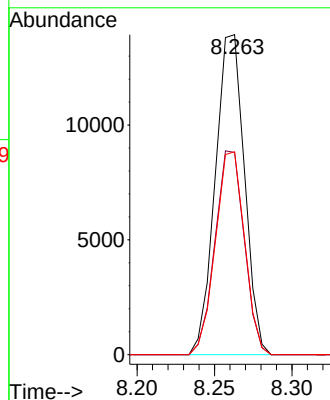
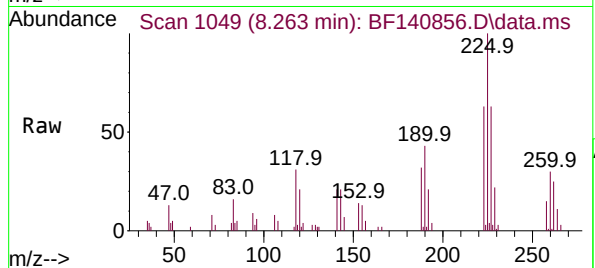
Tgt Ion:225 Resp: 18296

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

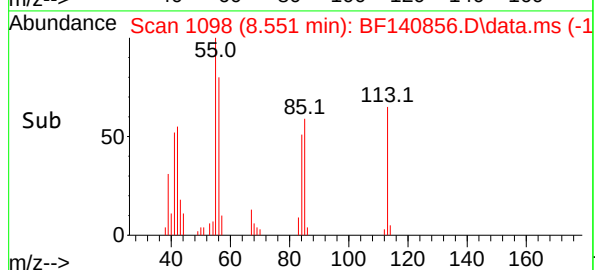
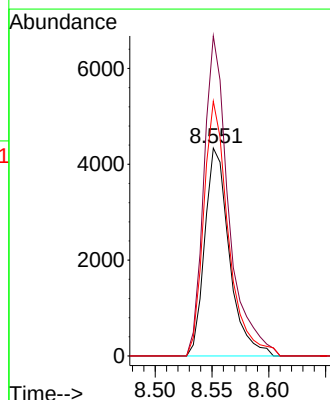
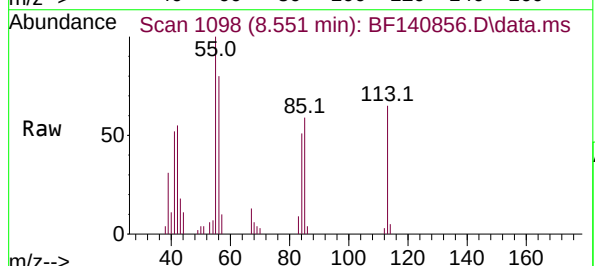
Tgt Ion:113 Resp: 6533

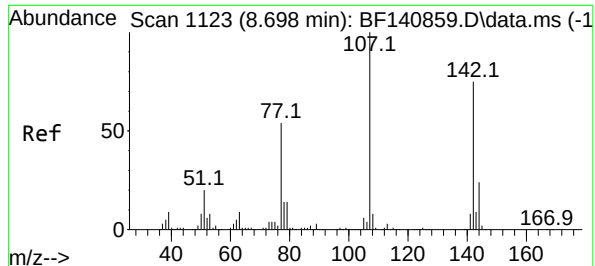
Ion Ratio Lower Upper

113 100

55 153.9 132.3 172.3

56 122.5 100.3 140.3

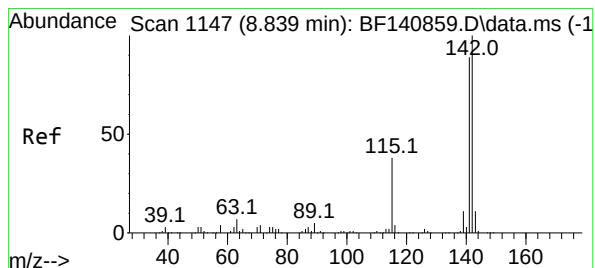
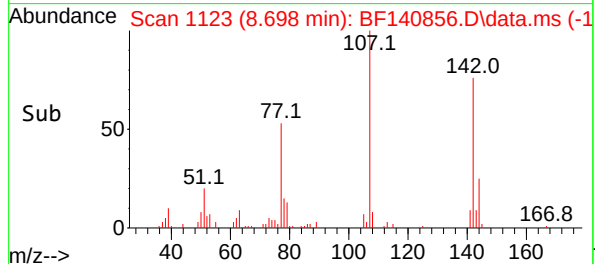
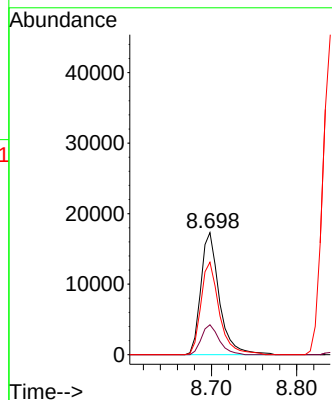
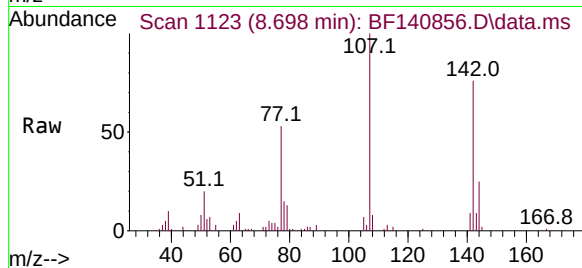




#36
4-Chloro-3-methylphenol
Concen: 4.989 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

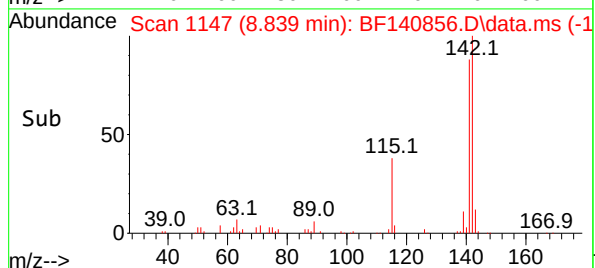
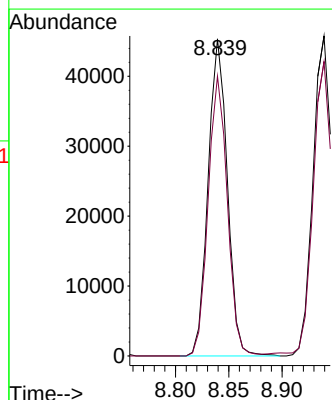
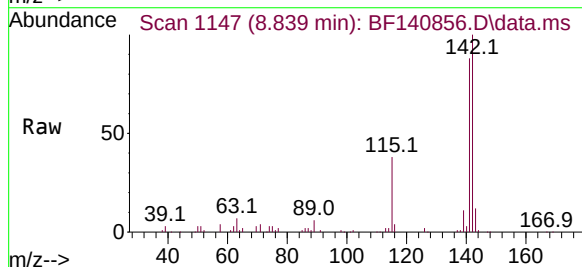
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

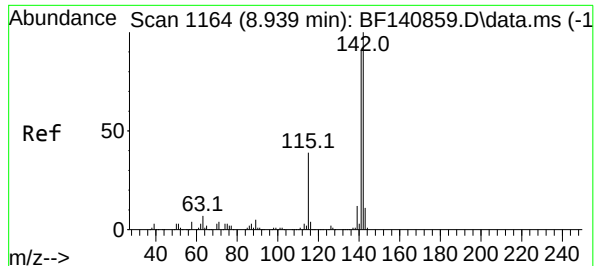
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.4	29.2
142	75.8	60.3	90.5



#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	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6





#38

1-Methylnaphthalene

Concen: 5.270 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

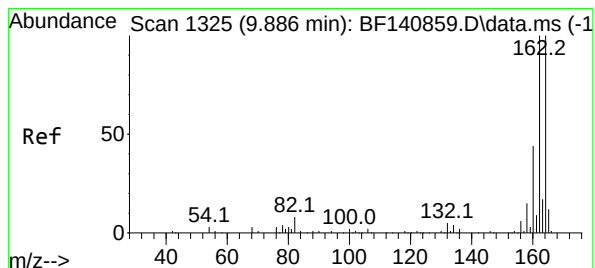
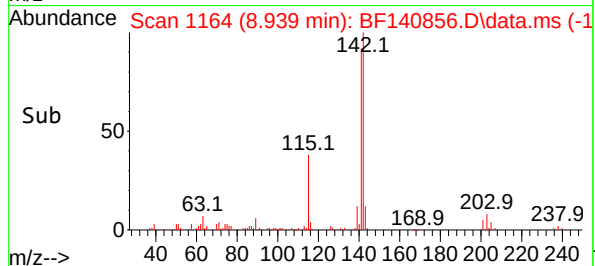
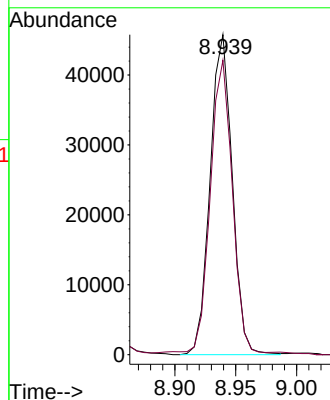
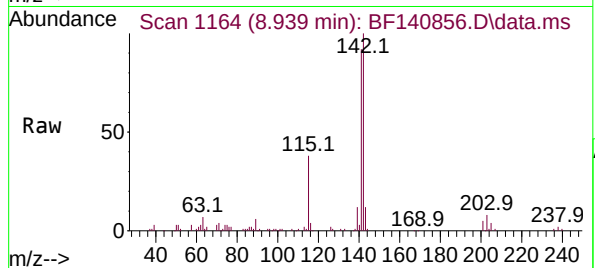
SSTDICC005

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

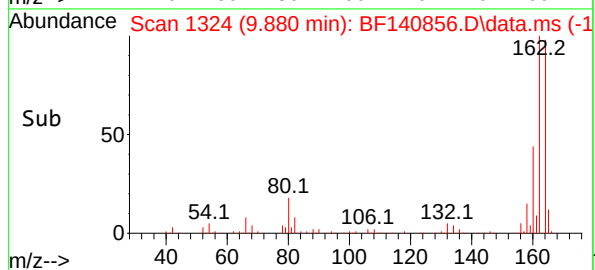
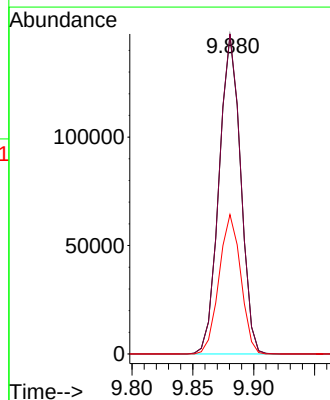
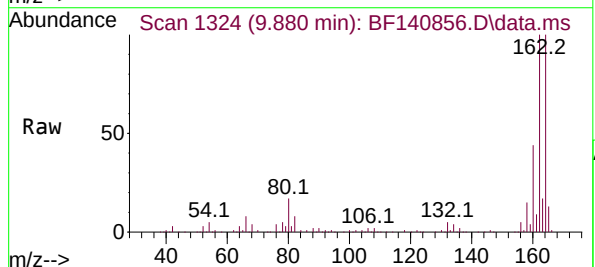
Tgt Ion:164 Resp: 181131

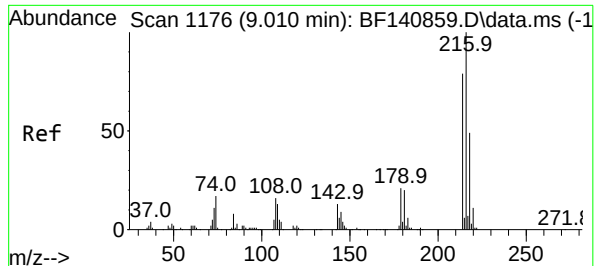
Ion Ratio Lower Upper

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# 1176

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

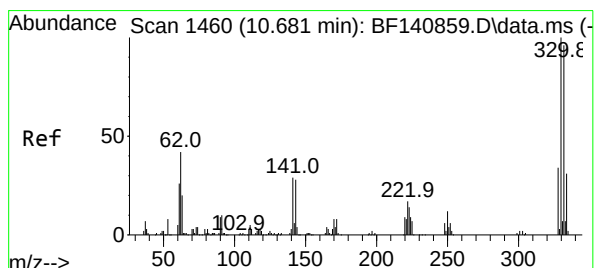
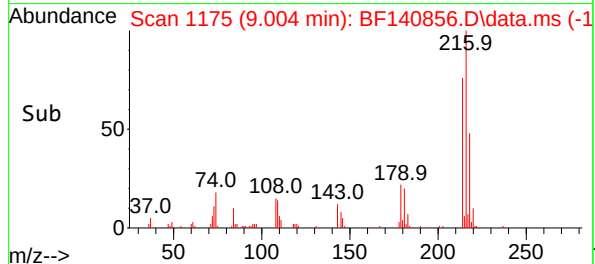
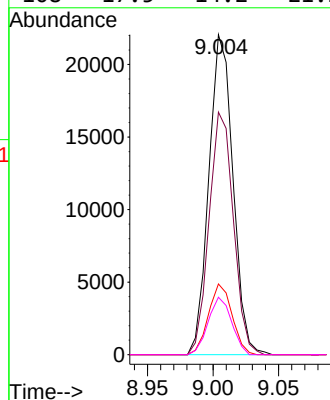
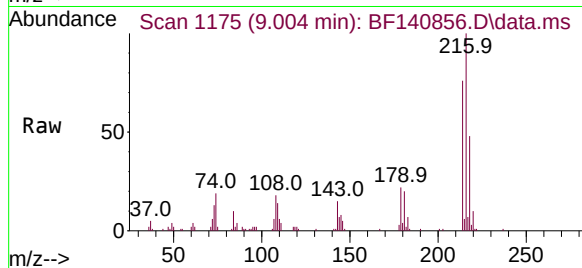
Ion Ratio Lower Upper

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

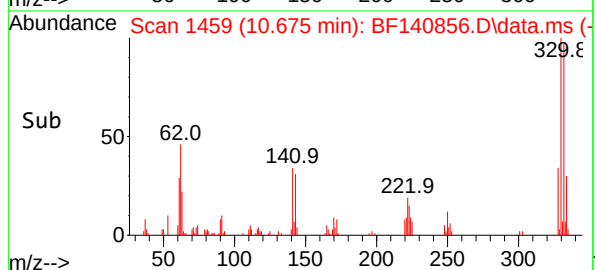
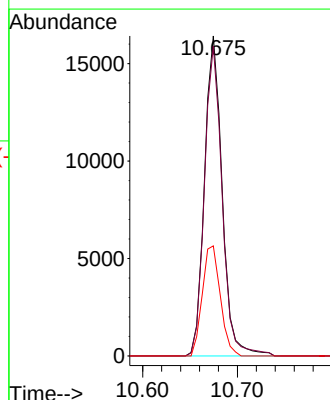
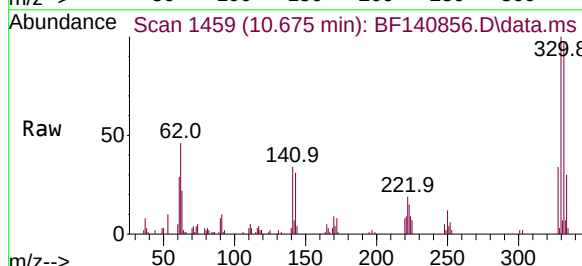
Tgt Ion:330 Resp: 21315

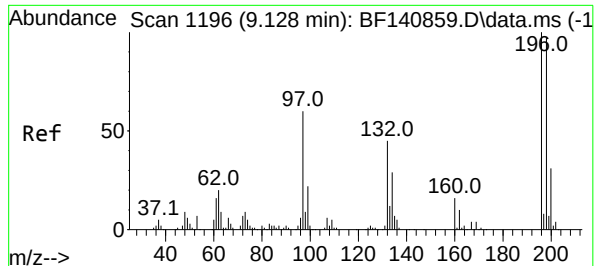
Ion Ratio Lower Upper

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# 1196

Delta R.T. -0.000 min

Lab File: BF140856.D

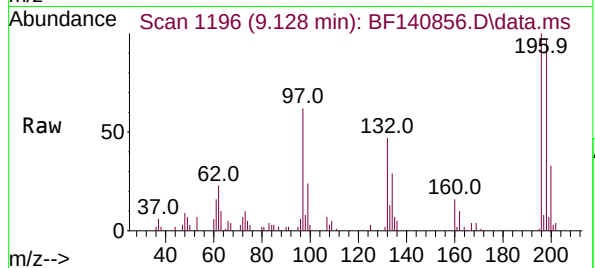
Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



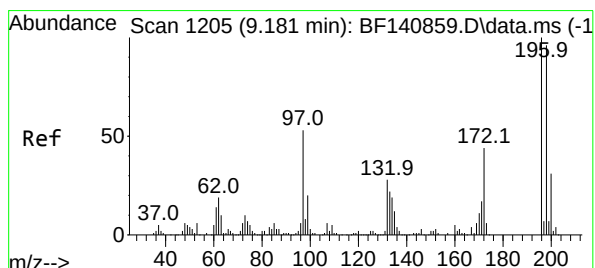
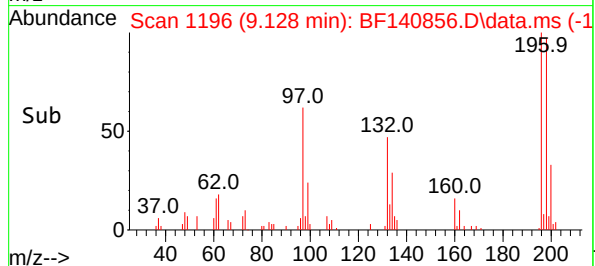
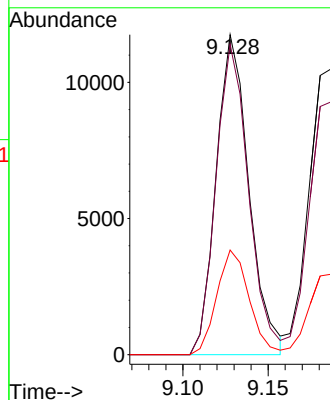
Tgt Ion:196 Resp: 15756

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

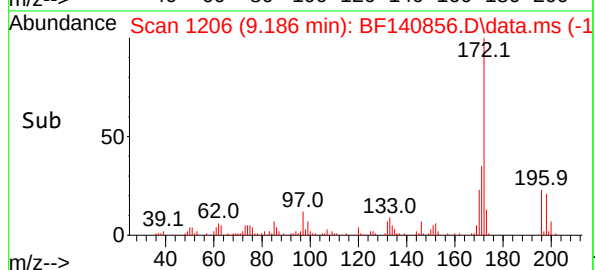
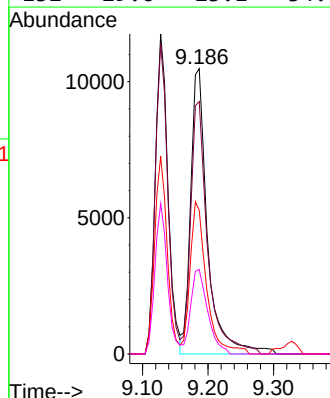
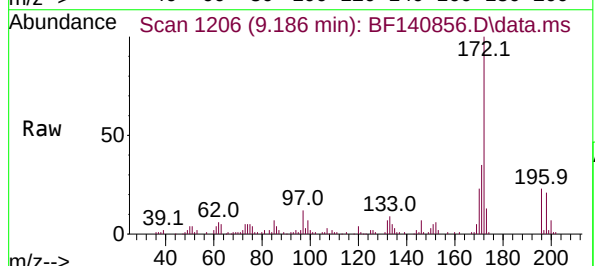
Ion Ratio Lower Upper

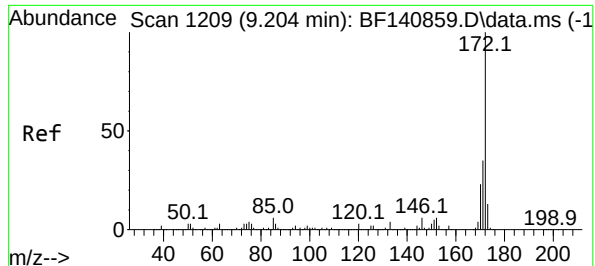
196 100

198 88.5 77.2 115.8

97 50.3 42.2 63.4

132 29.6 23.1 34.7

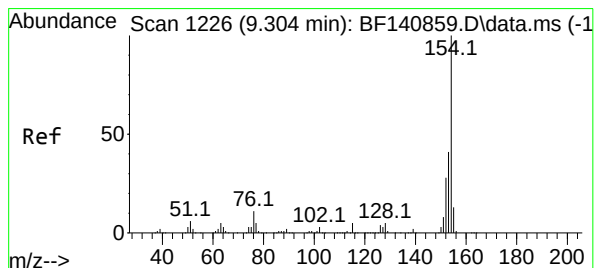
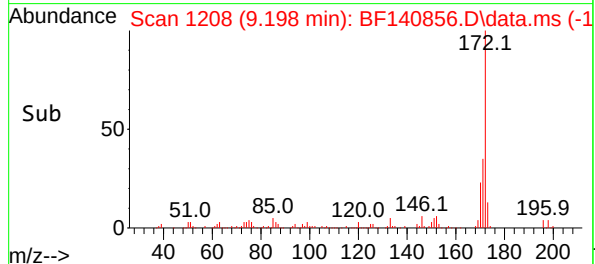
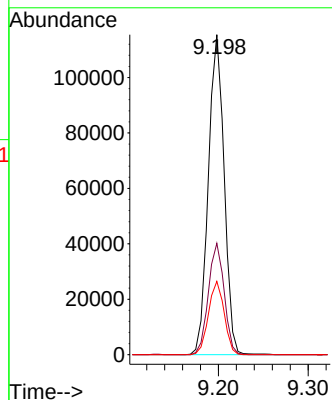
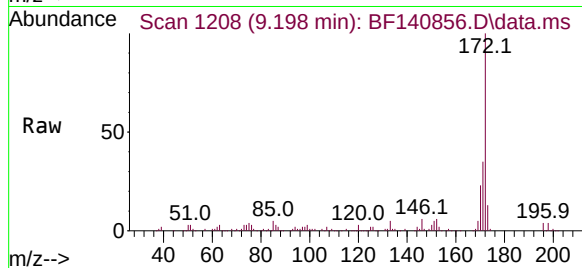




#45
2-Fluorobiphenyl
Concen: 10.726 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

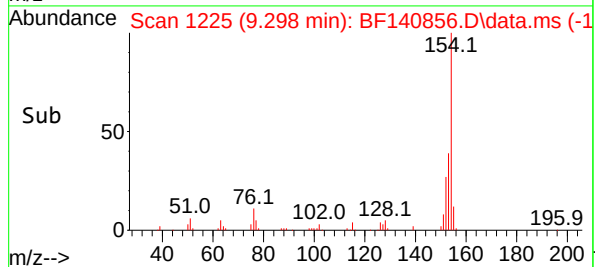
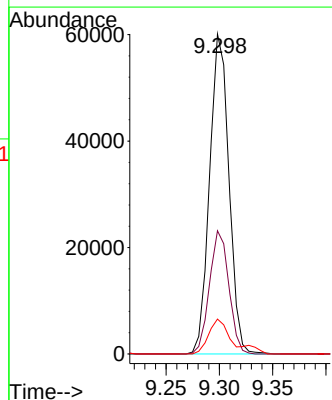
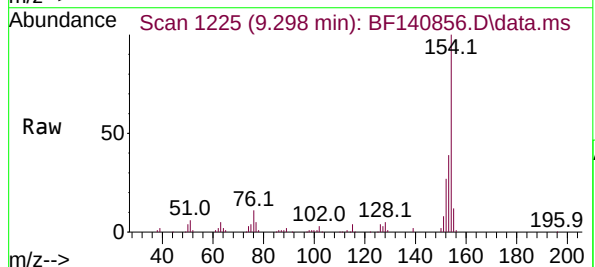
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

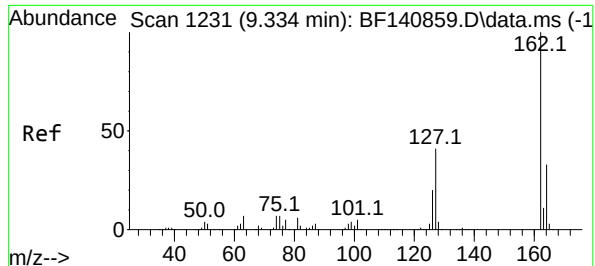
Tgt Ion:172 Resp: 141311
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 22.9 18.6 28.0



#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

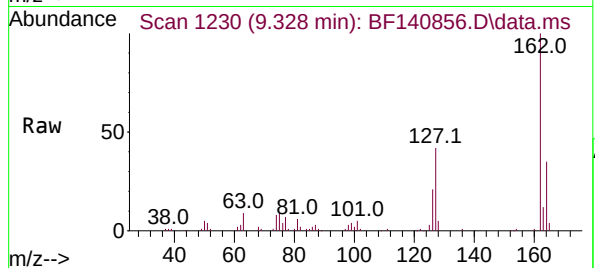
Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



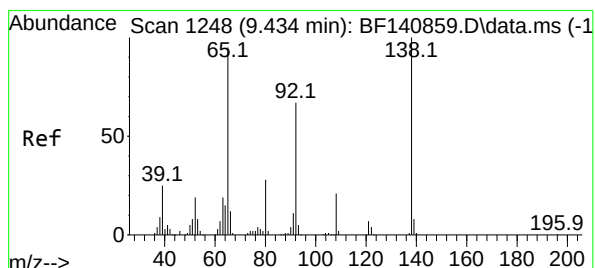
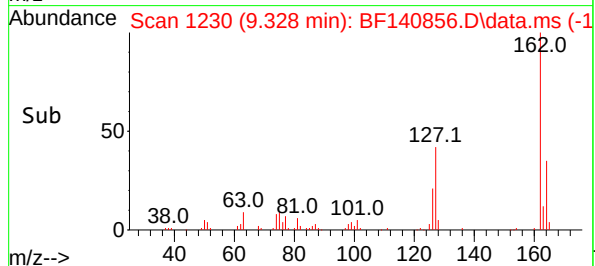
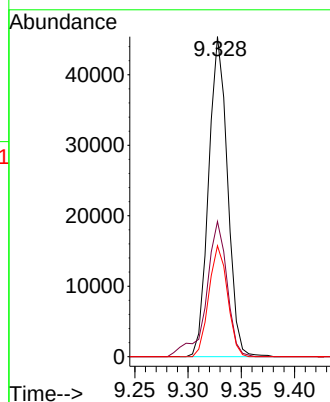
Tgt Ion:162 Resp: 55976

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

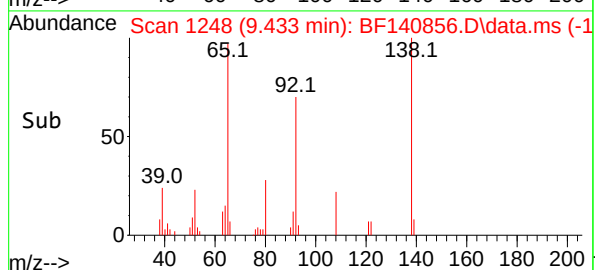
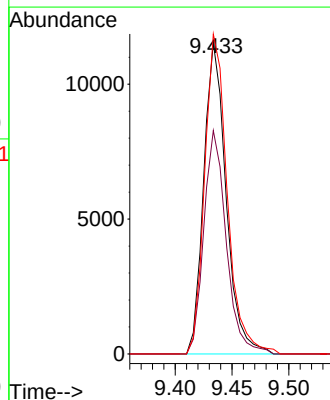
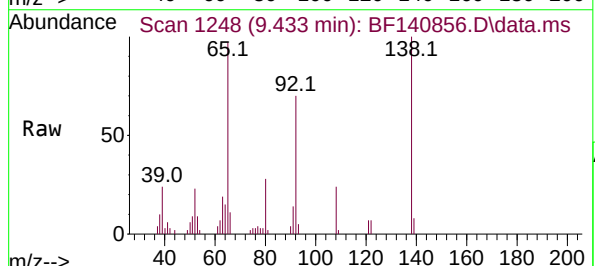
Tgt Ion: 65 Resp: 15829

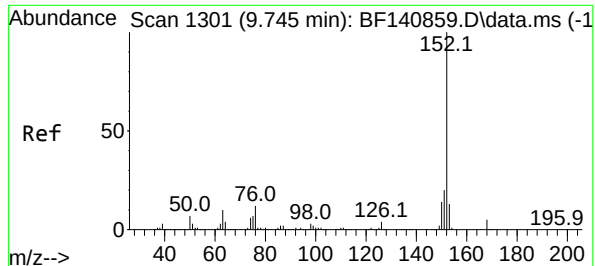
Ion Ratio Lower Upper

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

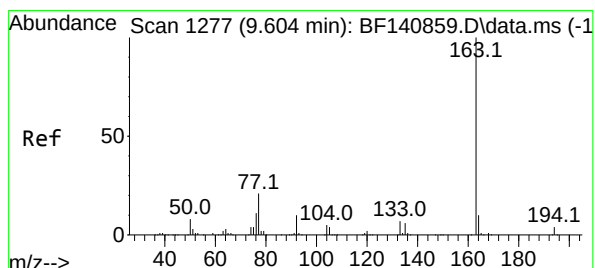
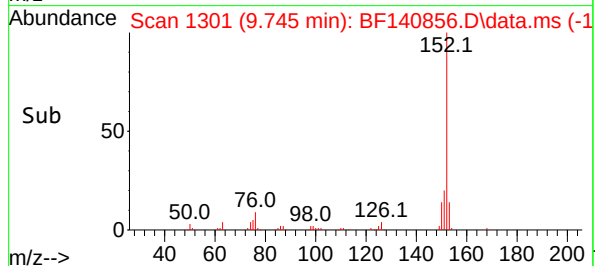
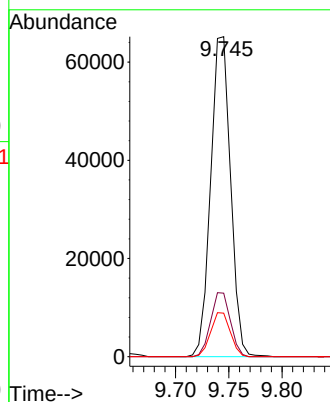
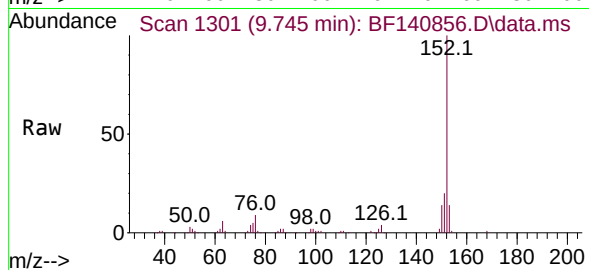
Tgt Ion:152 Resp: 84871

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

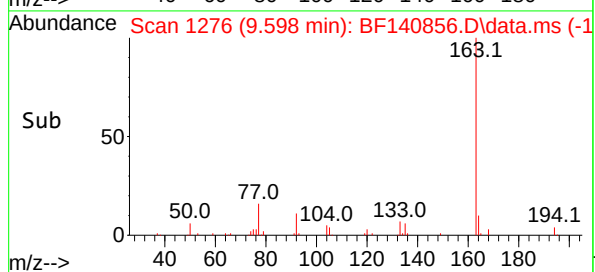
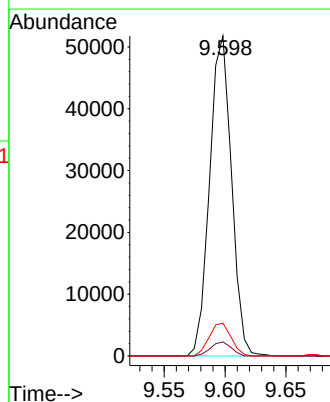
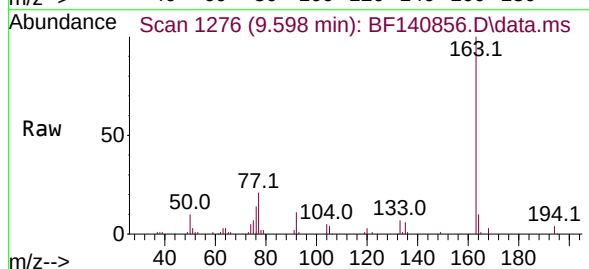
Tgt Ion:163 Resp: 64810

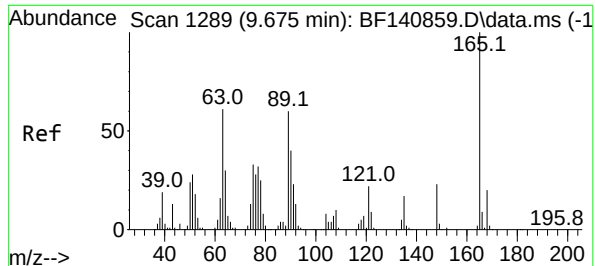
Ion Ratio Lower Upper

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

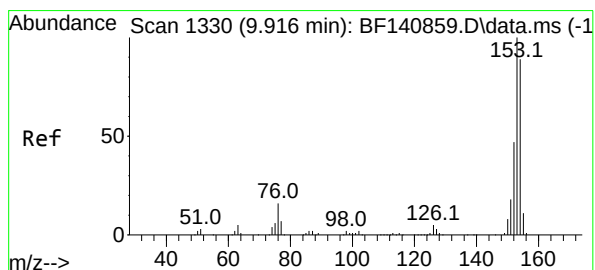
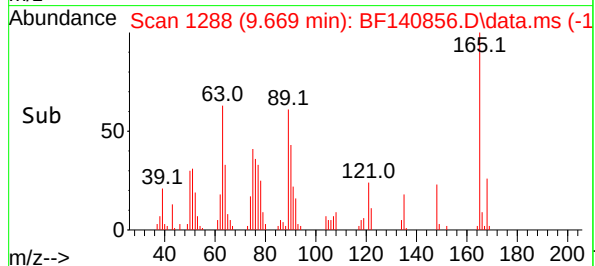
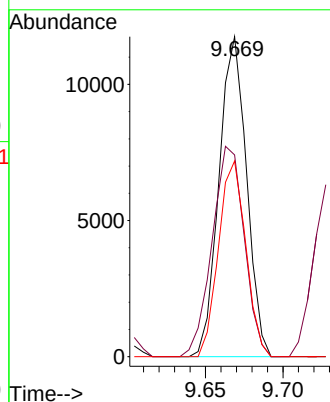
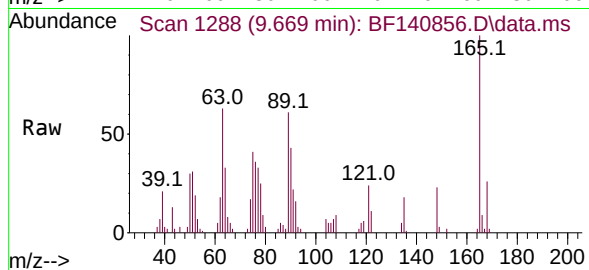
Tgt Ion:165 Resp: 14507

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

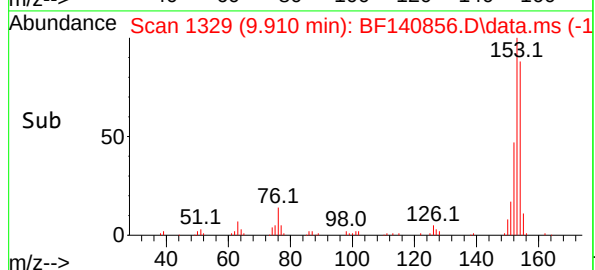
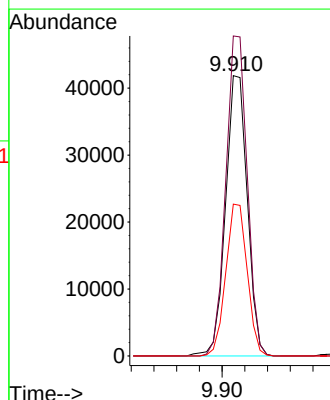
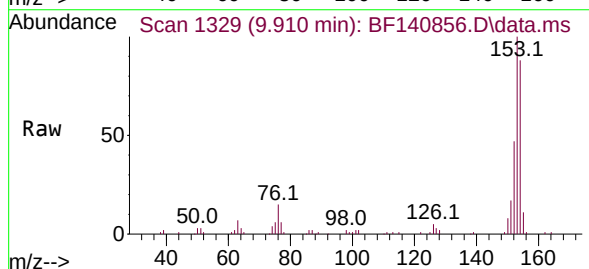
Tgt Ion:154 Resp: 55626

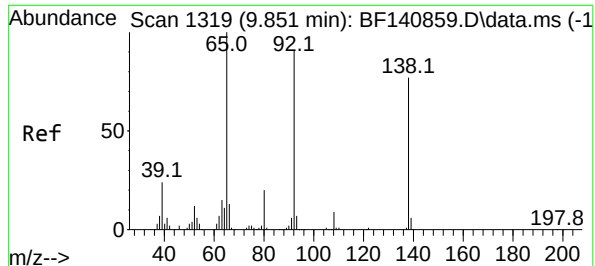
Ion Ratio Lower Upper

154 100

153 114.2 89.9 134.9

152 54.2 42.6 63.8

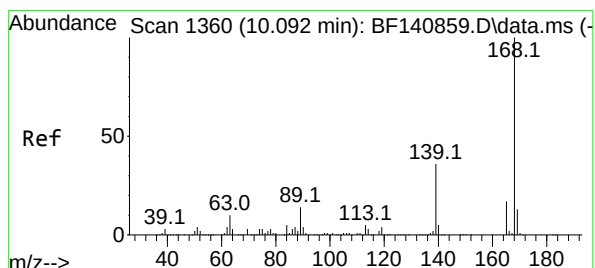
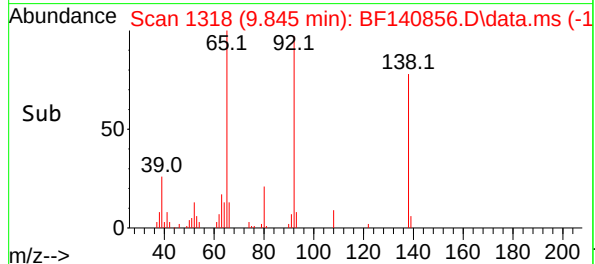
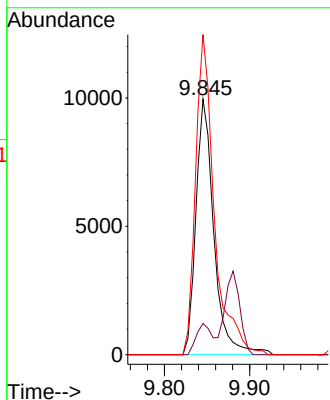
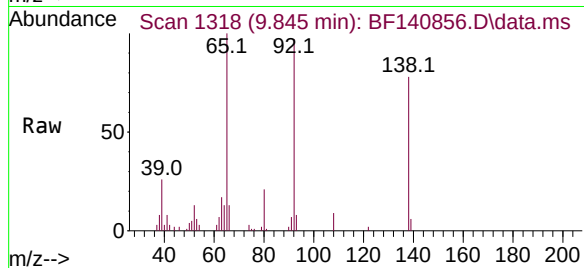




#53
3-Nitroaniline
Concen: 5.034 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

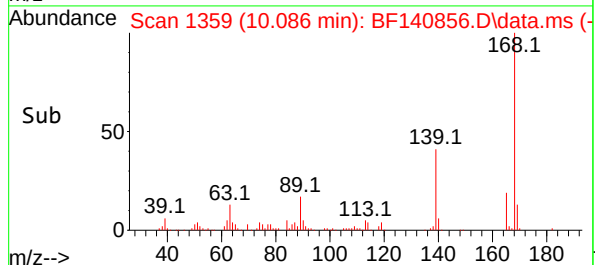
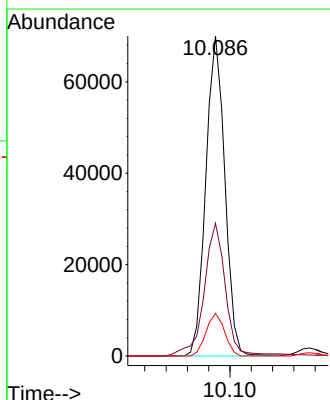
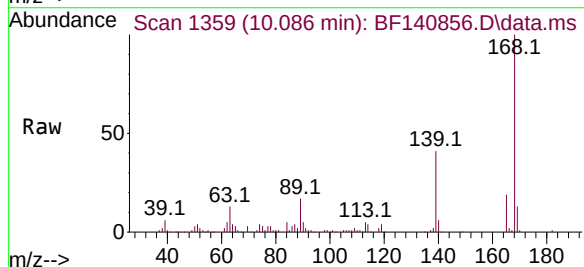
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

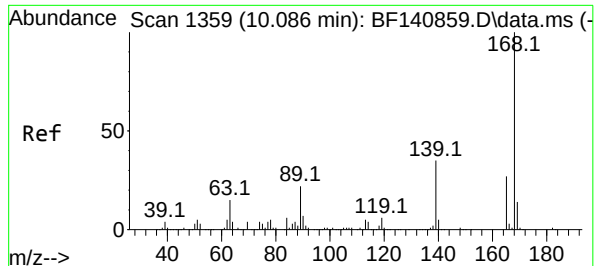
Tgt Ion:138 Resp: 14583
Ion Ratio Lower Upper
138 100
108 12.2 9.0 13.4
92 125.3 95.5 143.3



#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

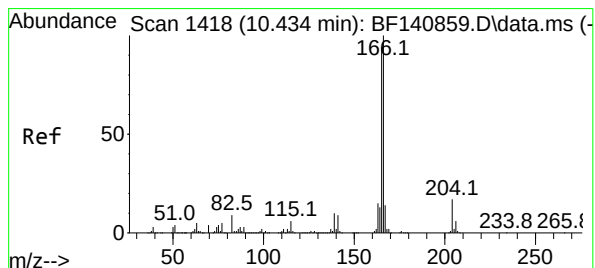
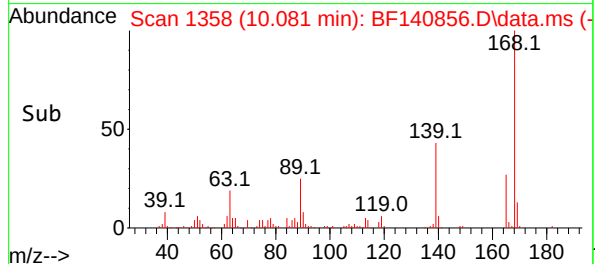
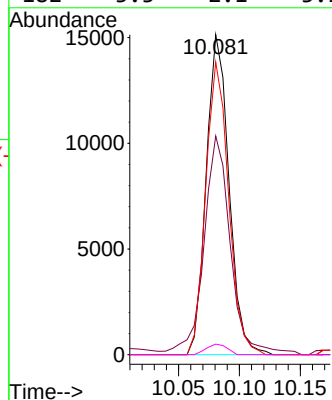
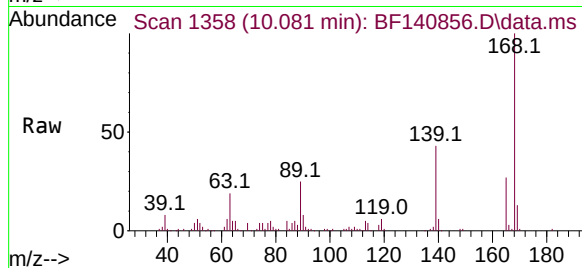




#57
2,4-Dinitrotoluene
Concen: 5.129 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

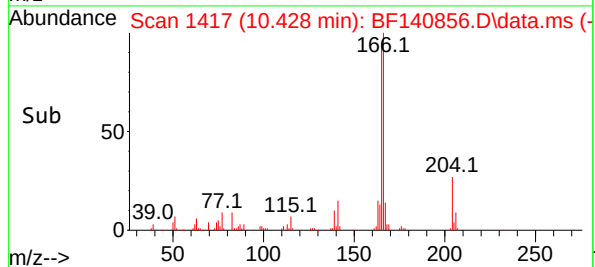
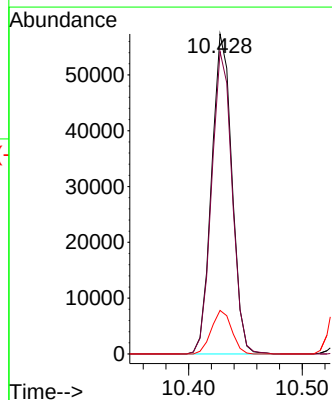
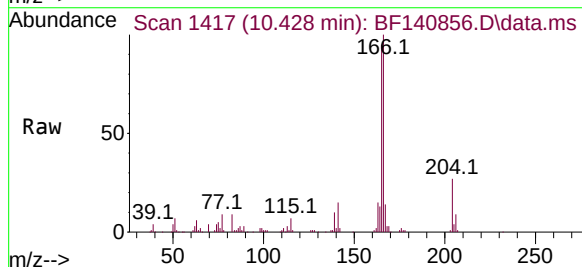
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

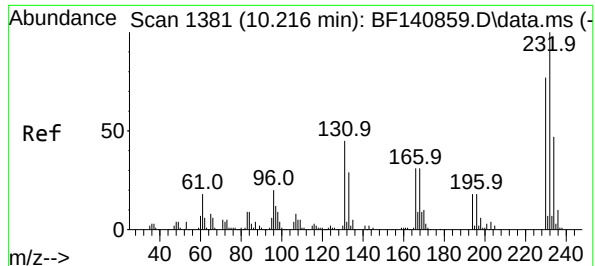
Tgt Ion:165 Resp: 19701
Ion Ratio Lower Upper
165 100
63 68.4 49.3 73.9
89 91.4 66.2 99.4
182 3.3 2.1 3.1#



#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

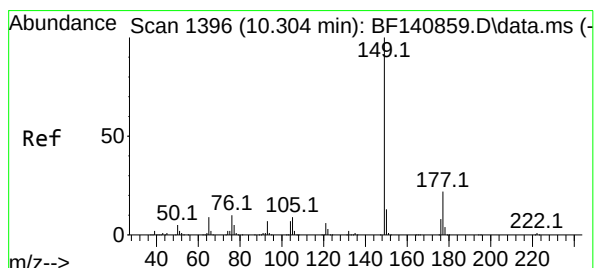
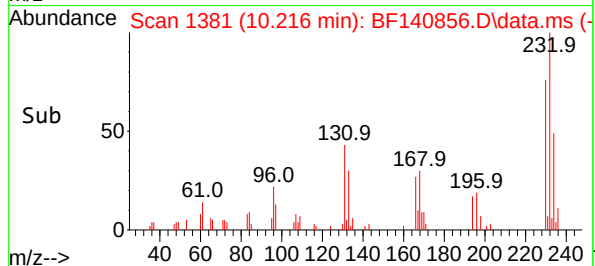
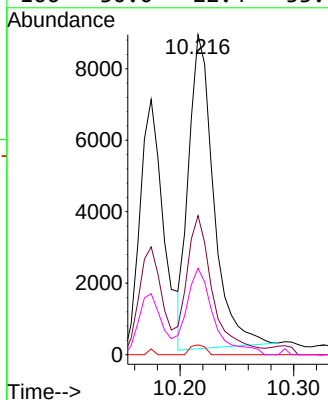
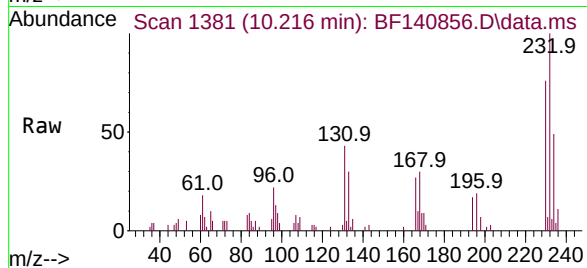




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.400 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

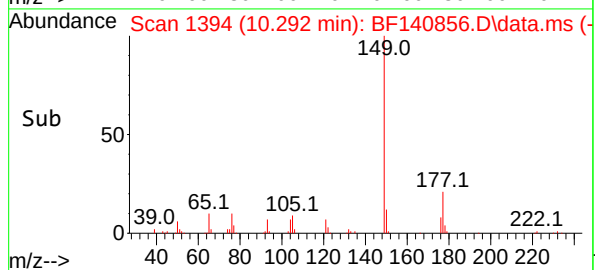
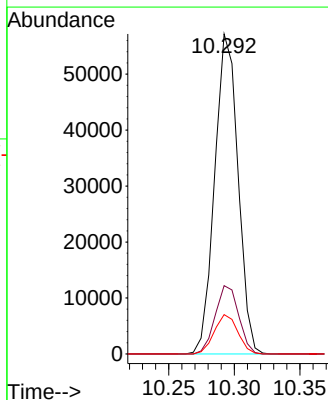
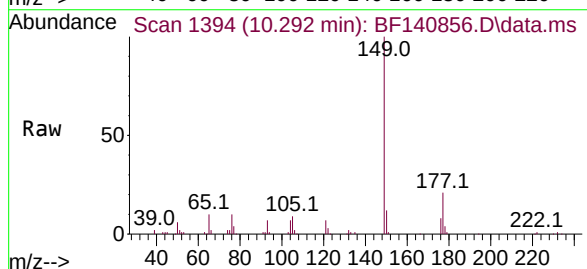
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

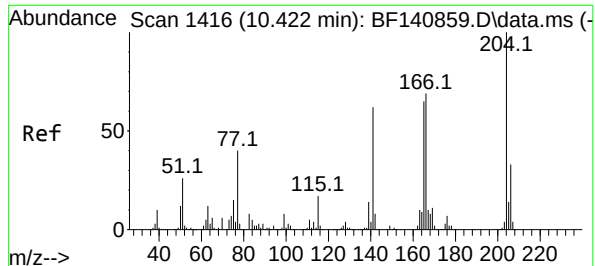
Tgt Ion:232 Resp: 13434
Ion Ratio Lower Upper
232 100
131 47.8 35.1 52.7
130 1.9 1.8 2.8
166 30.0 22.4 33.6



#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

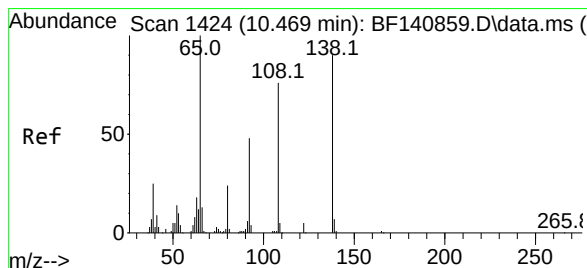
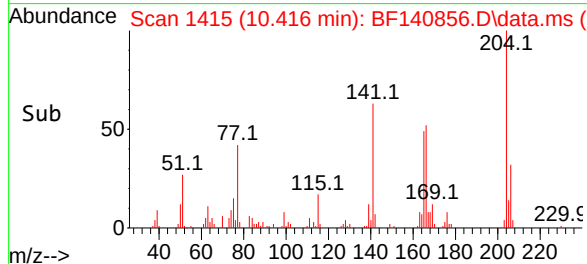
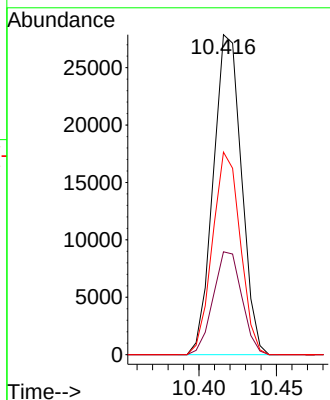
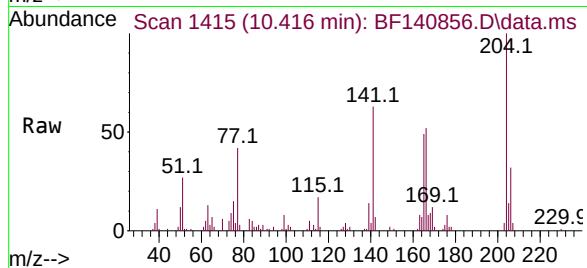




#61
4-Chlorophenyl-phenylether
Concen: 5.315 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

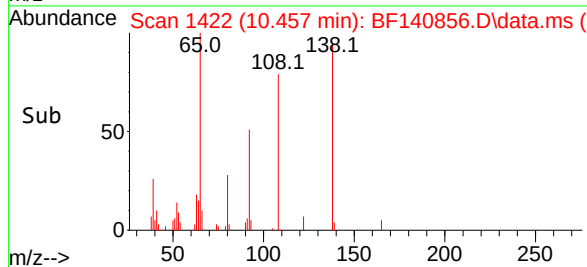
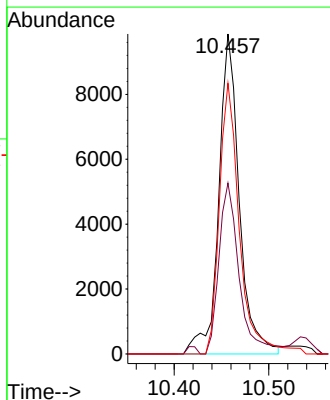
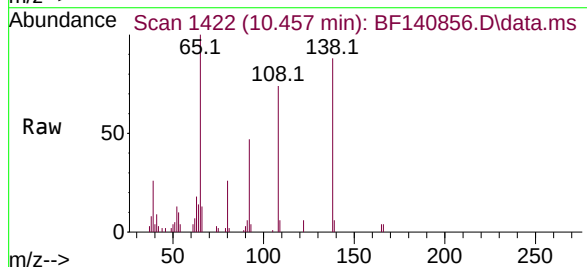
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

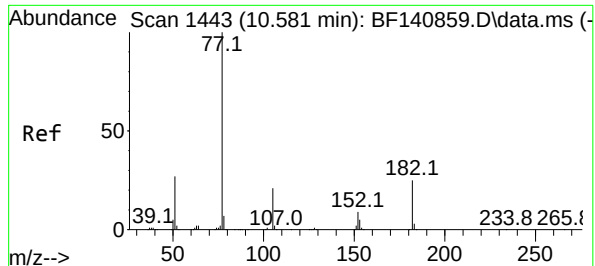
Tgt Ion	204	206	141
Resp:	35304		
Ion Ratio	100	32.2	63.3
Lower		26.5	50.0
Upper		39.7	75.0



#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	92	108
Resp:	14883		
Ion Ratio	100	53.4	84.6
Lower		32.6	64.1
Upper		72.6	104.1

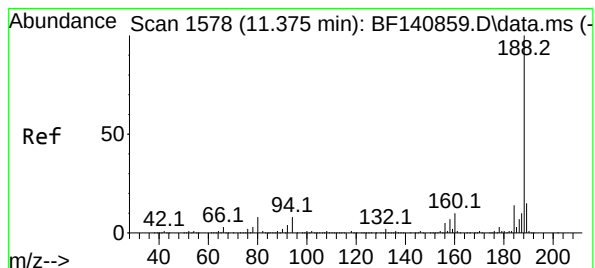
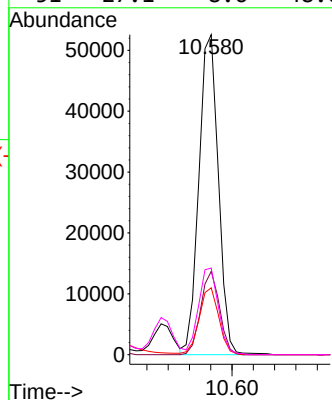
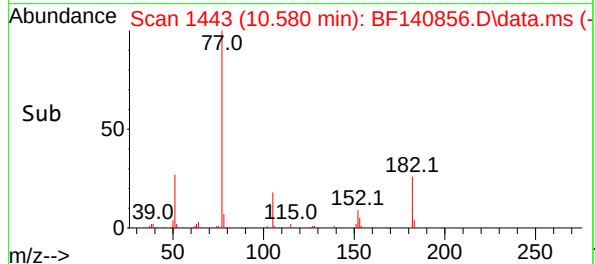
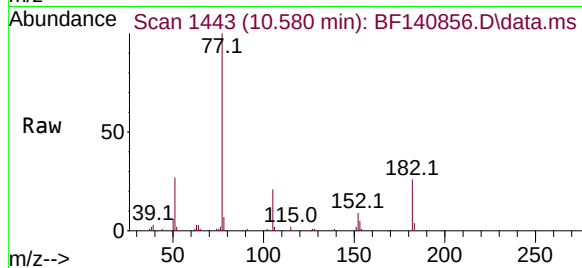




#63
Azobenzene
Concen: 5.391 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

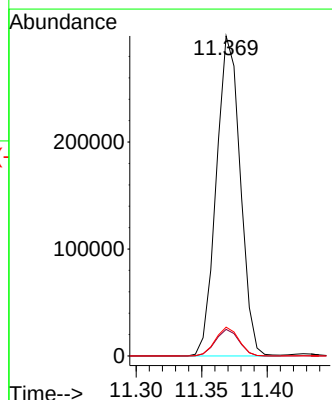
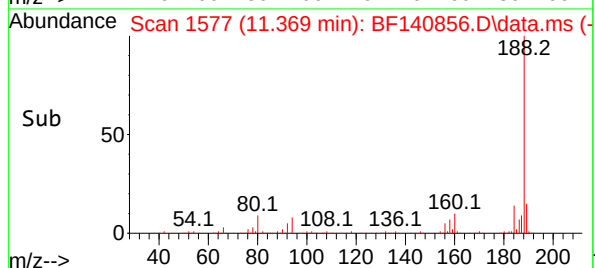
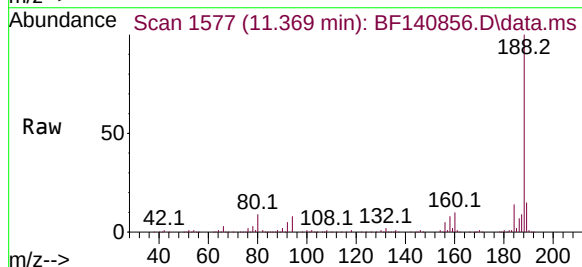
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

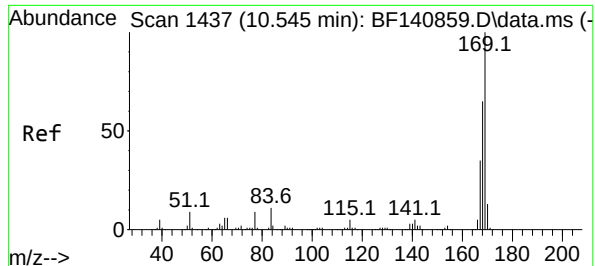
Tgt Ion: 77	Resp: 67111
Ion Ratio	Lower Upper
77 100	
182 26.0	4.5 44.5
105 20.9	0.9 40.9
51 27.1	8.6 48.6



#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

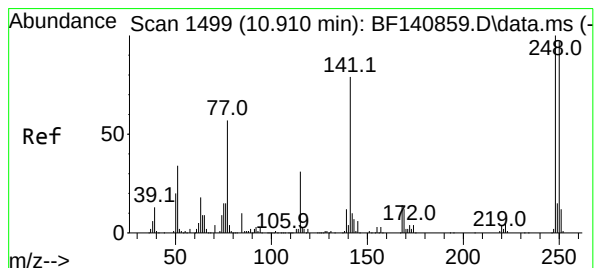
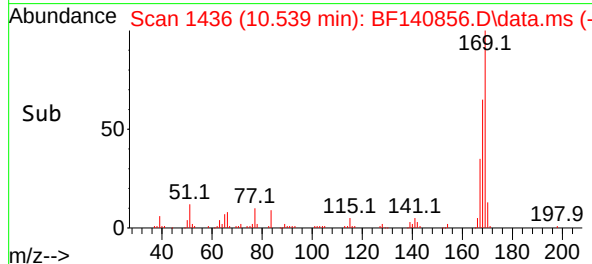
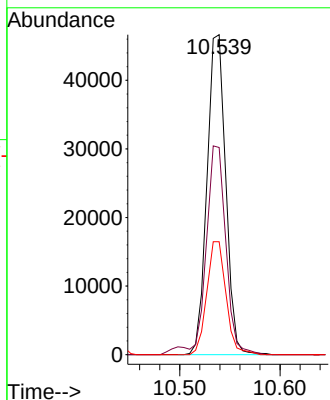
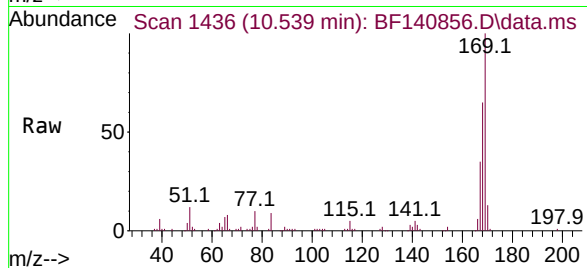




#66
n-Nitrosodiphenylamine
Concen: 5.196 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

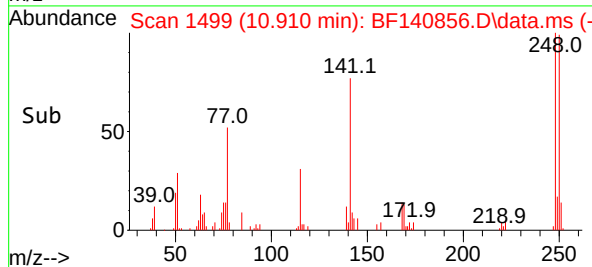
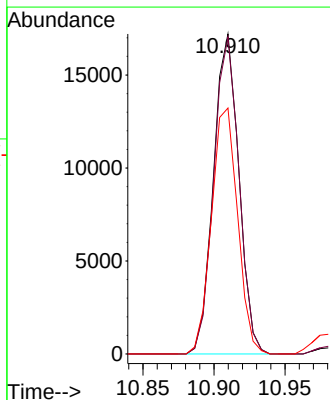
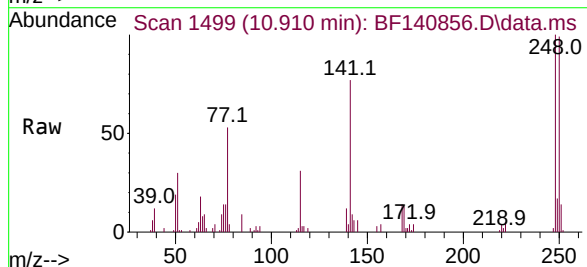
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

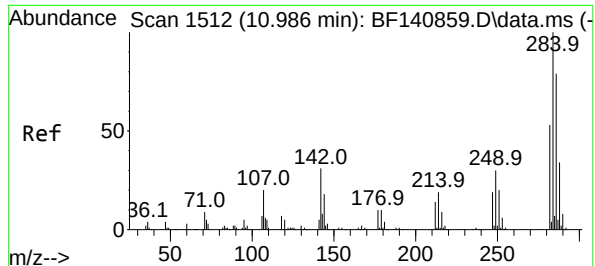
Tgt Ion:169 Resp: 60581
Ion Ratio Lower Upper
169 100
168 64.7 53.4 80.0
167 35.3 28.3 42.5



#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

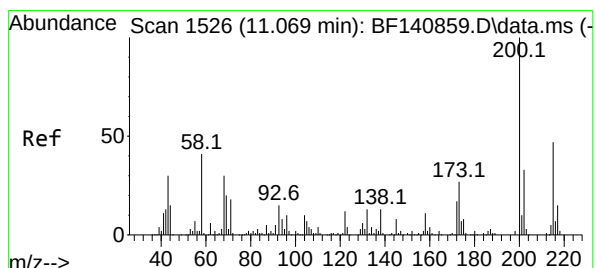
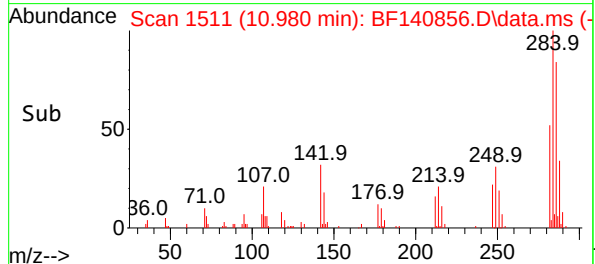
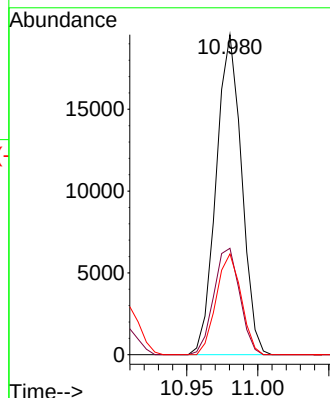
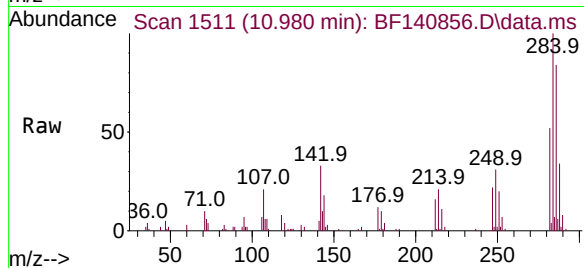




#68
Hexachlorobenzene
Concen: 5.066 ng
RT: 10.980 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

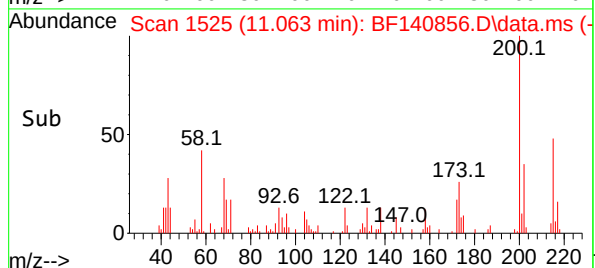
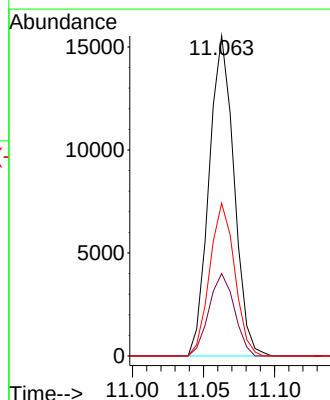
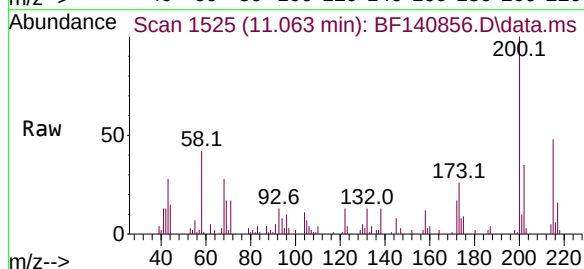
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

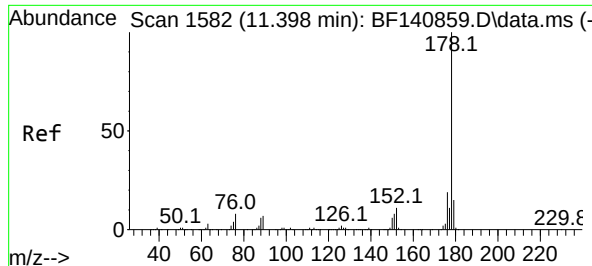
Tgt Ion:284 Resp: 24367
Ion Ratio Lower Upper
284 100
142 33.3 24.6 36.8
249 31.5 24.3 36.5



#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

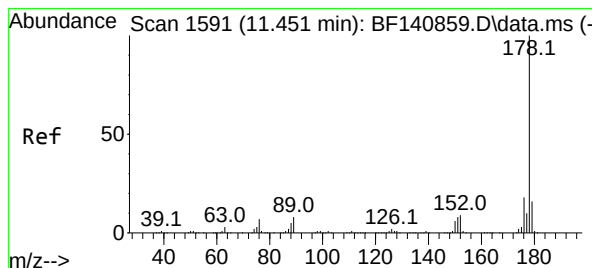
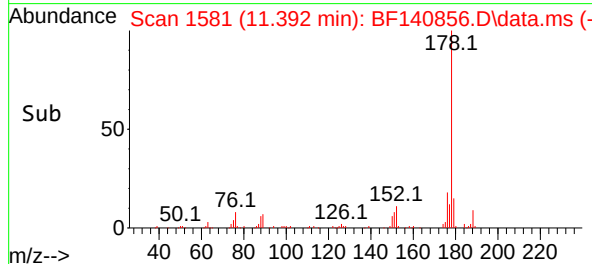
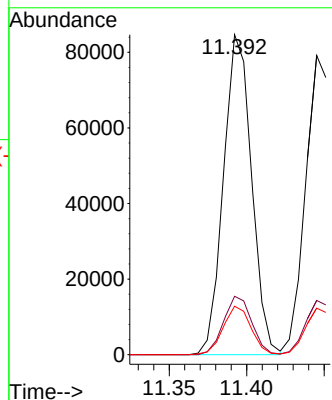
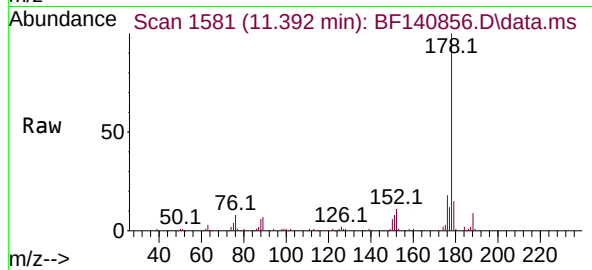




#71
Phenanthrene
Concen: 5.470 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

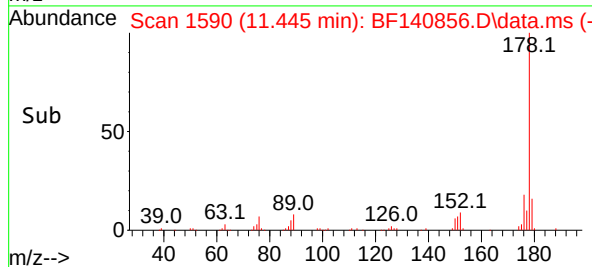
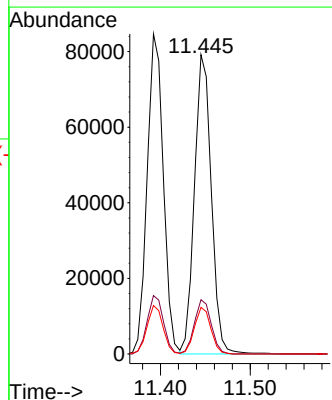
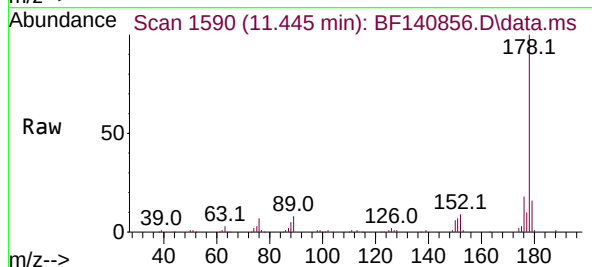
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

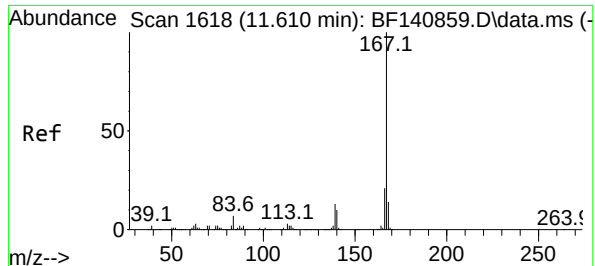
Tgt Ion:178 Resp: 106671
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.1 12.1 18.1



#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

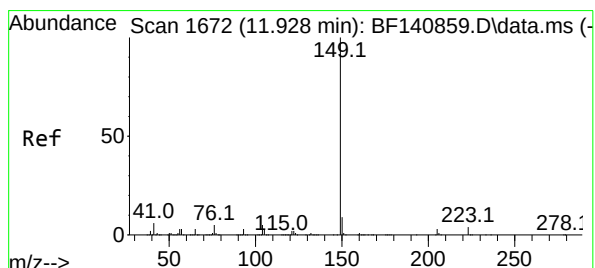
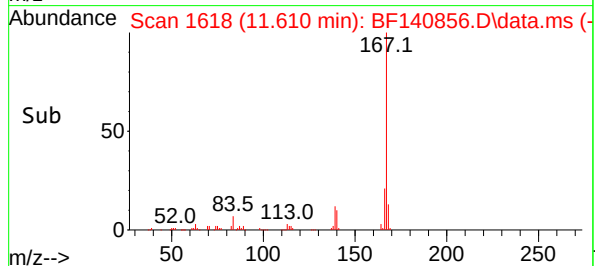
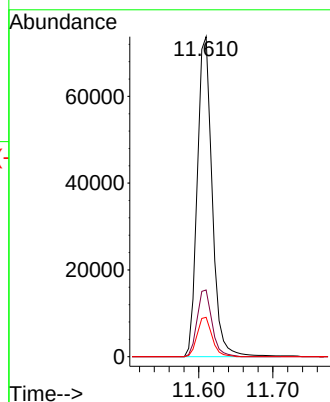
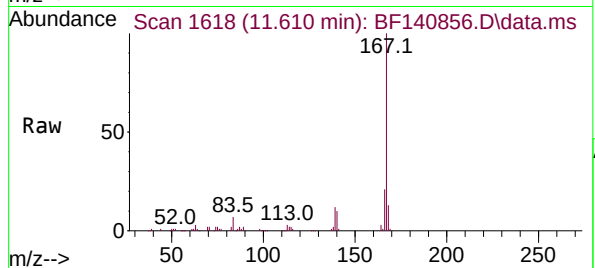




#73
Carbazole
Concen: 5.473 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

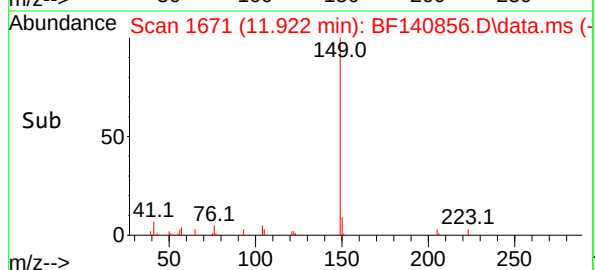
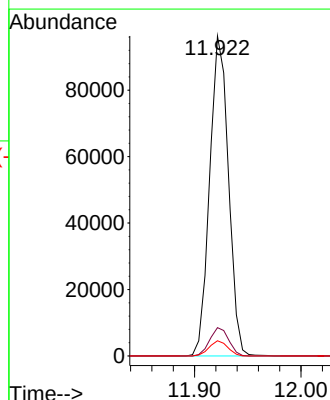
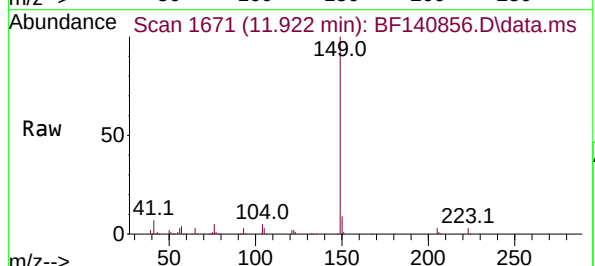
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

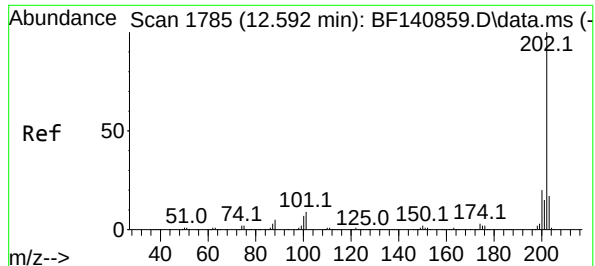
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.6
139	12.3	10.2	15.2



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

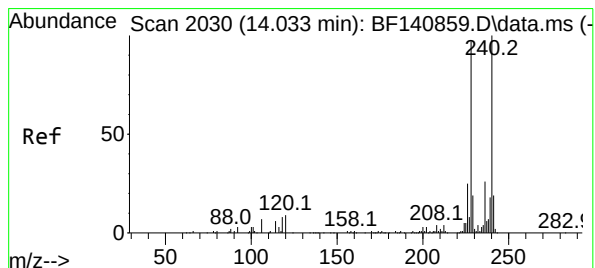
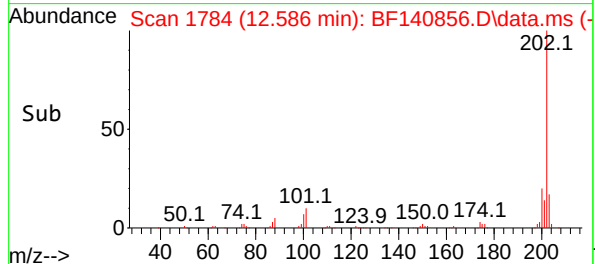
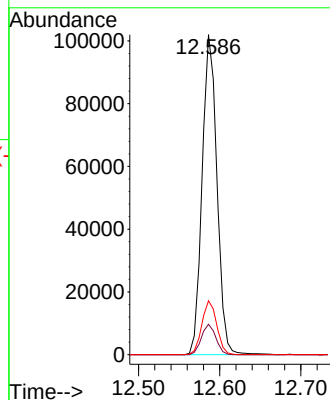
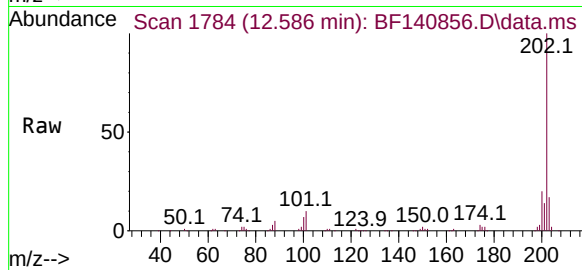




#75
Fluoranthene
Concen: 5.758 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

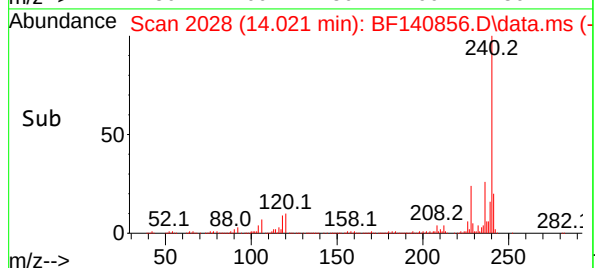
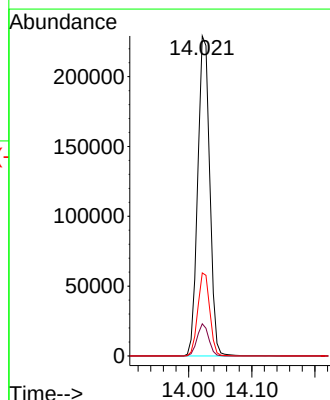
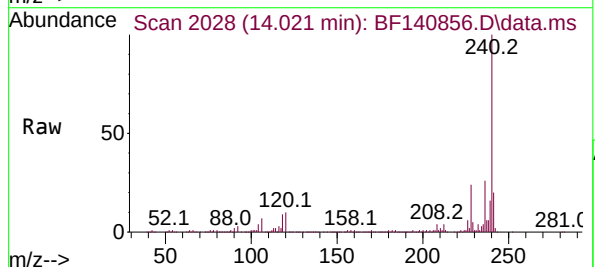
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

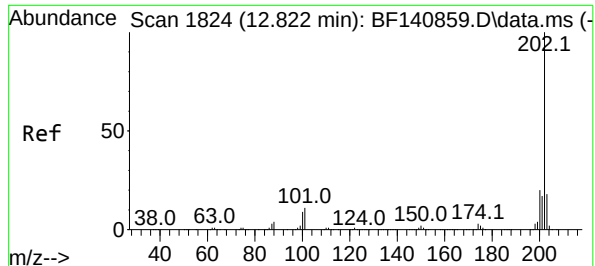
Tgt Ion:202 Resp: 129330
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 16.9 0.0 37.4



#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# 1823

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

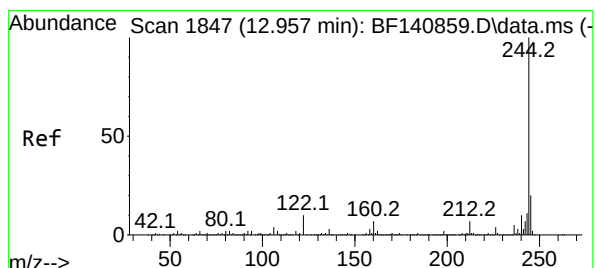
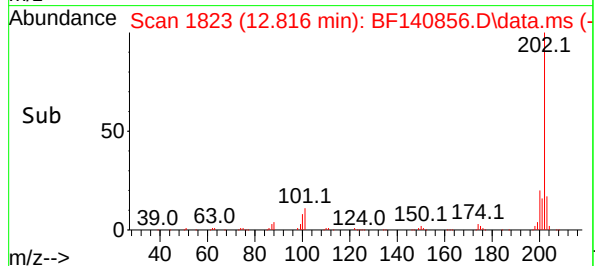
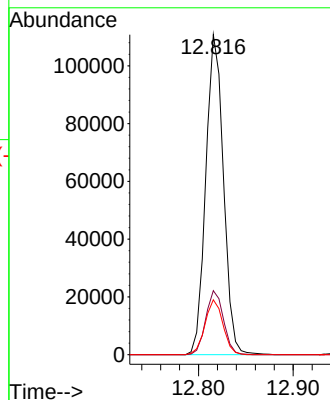
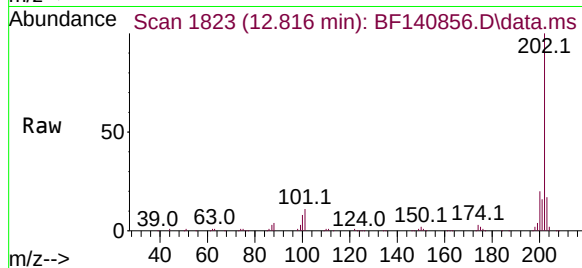
Tgt Ion:202 Resp: 143947

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

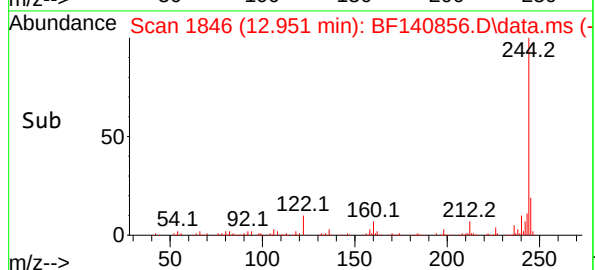
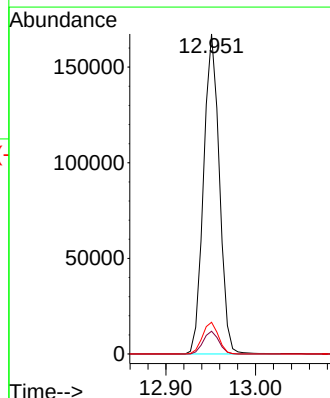
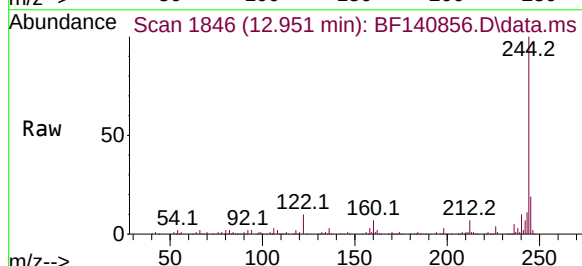
Tgt Ion:244 Resp: 204731

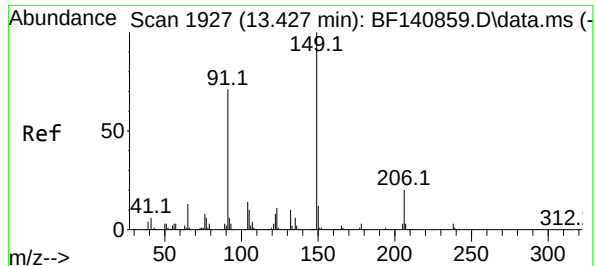
Ion Ratio Lower Upper

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# 1927

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

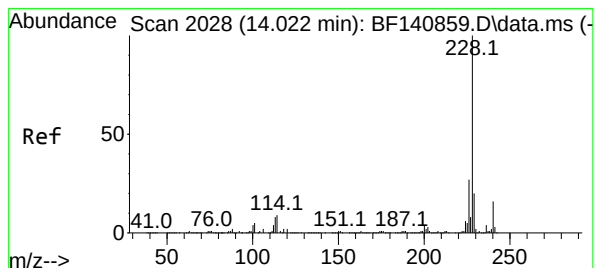
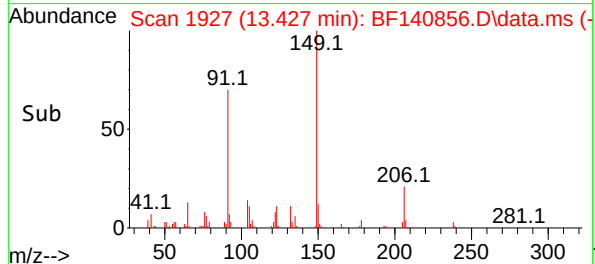
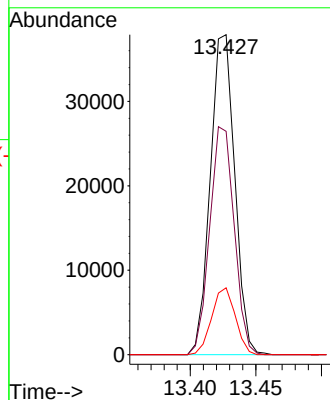
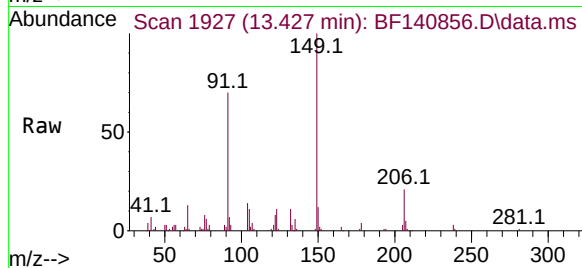
Instrument :

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

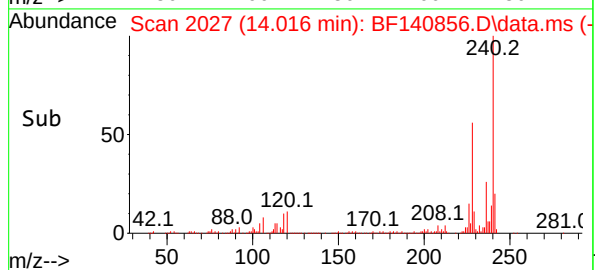
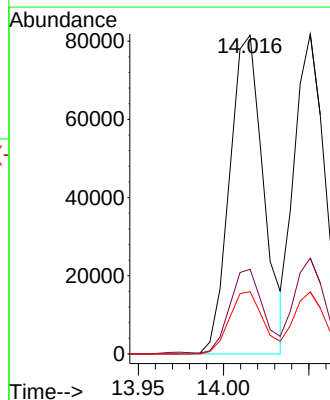
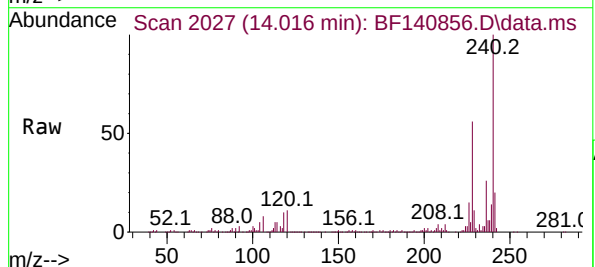
RT: 14.016 min Scan# 2027

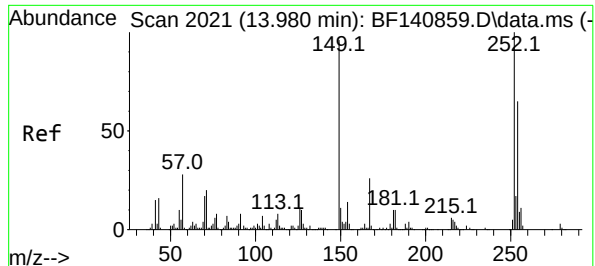
Delta R.T. -0.006 min

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# 2021

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

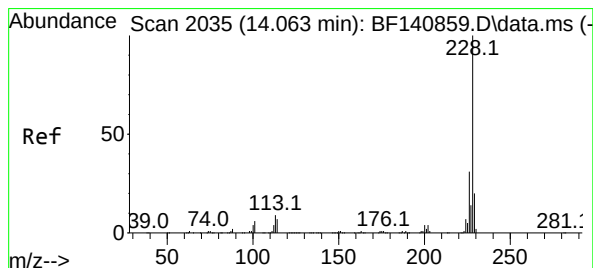
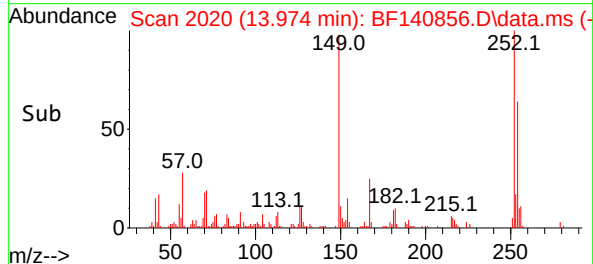
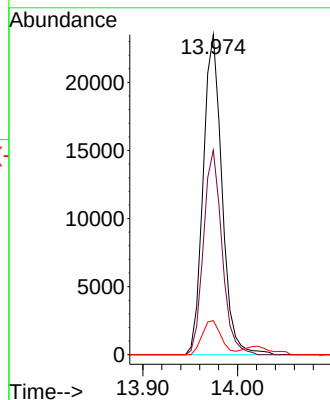
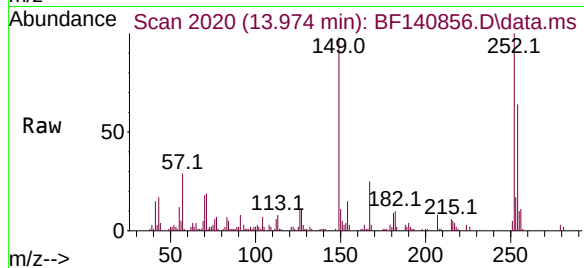
Tgt Ion:252 Resp: 32405

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

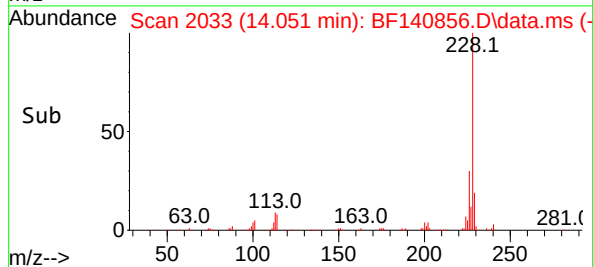
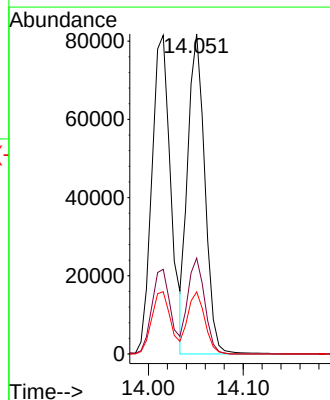
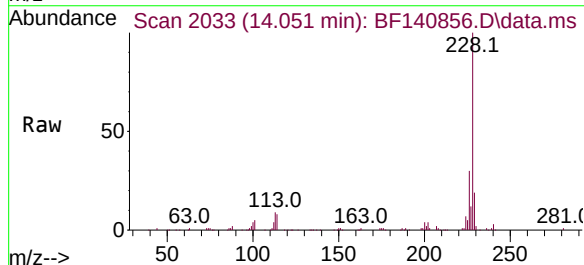
Tgt Ion:228 Resp: 102933

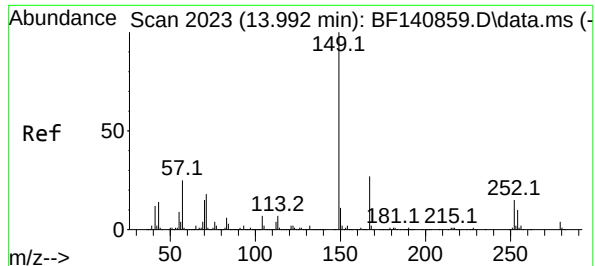
Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.4 16.0 24.0

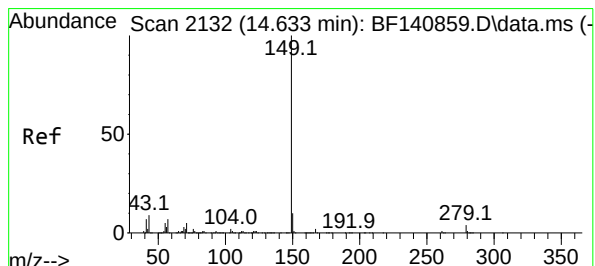
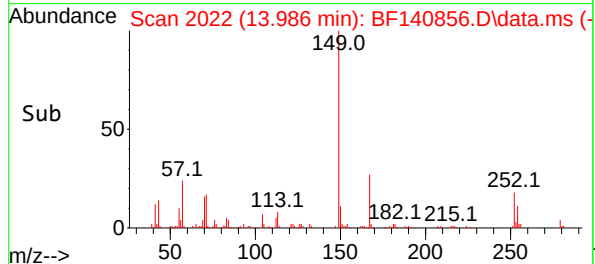
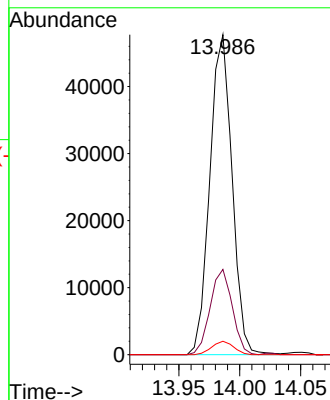
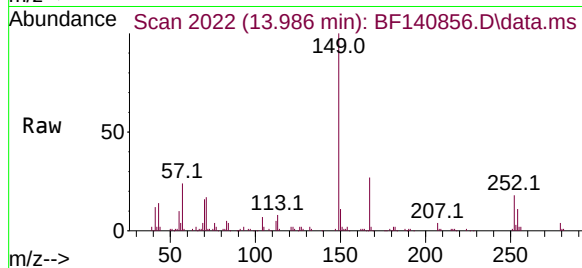




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.764 ng
RT: 13.986 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

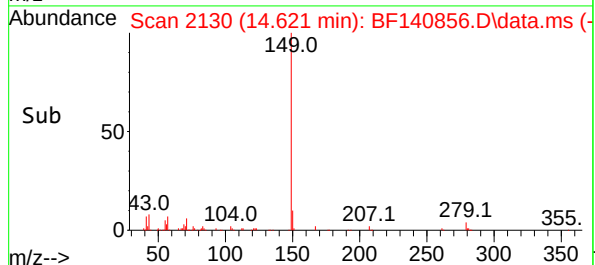
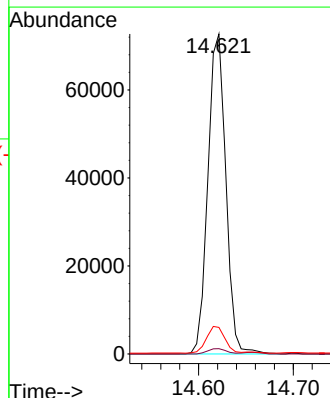
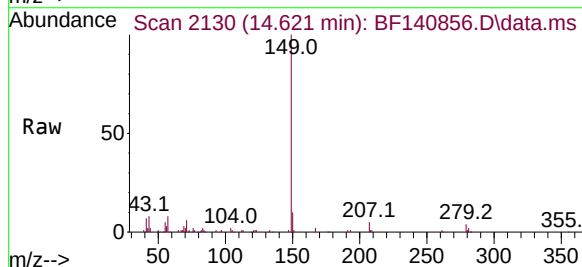
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

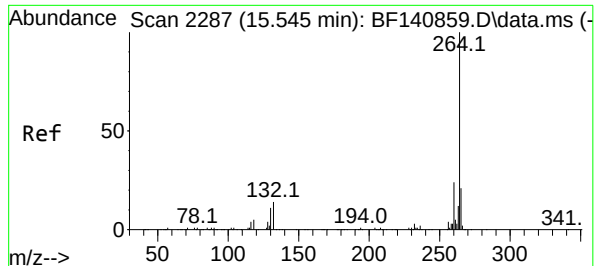
Tgt Ion:149 Resp: 60799
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.8
279 4.2 3.5 5.3



#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

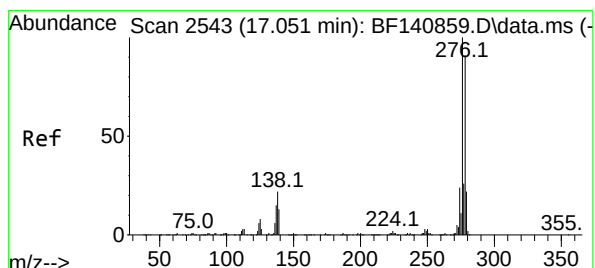
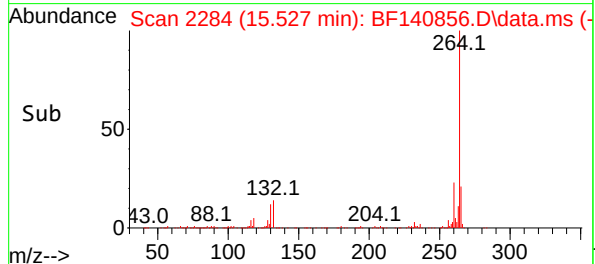
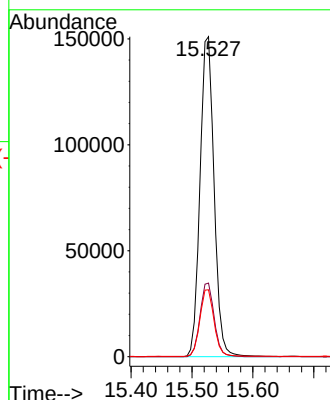
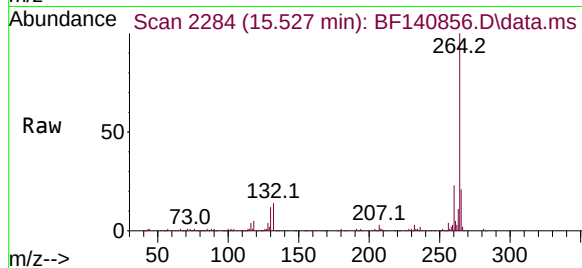




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

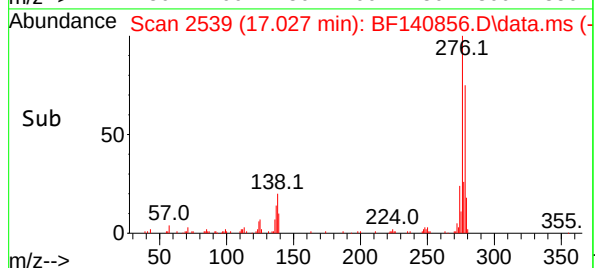
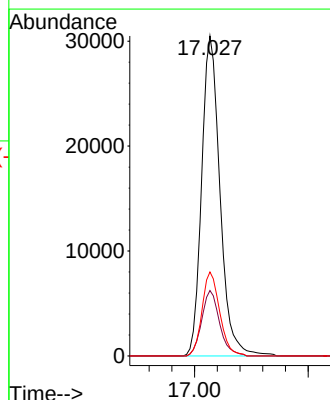
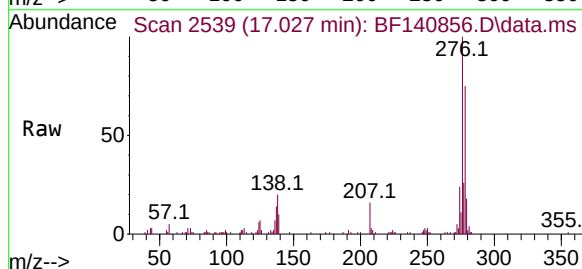
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

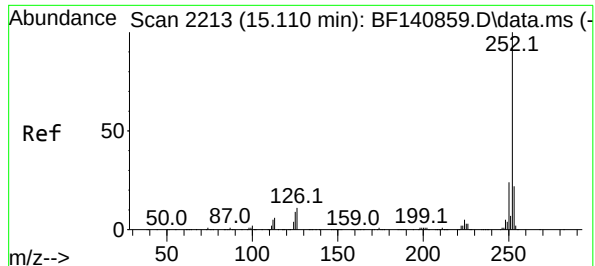
Tgt Ion:264 Resp: 241868
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 20.9 17.0 25.4



#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

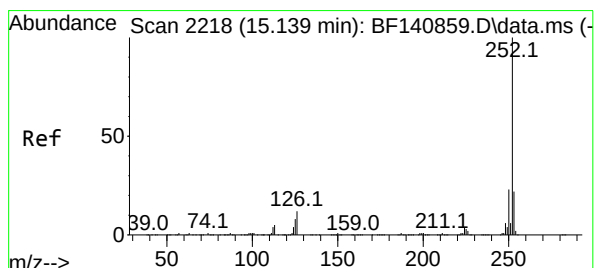
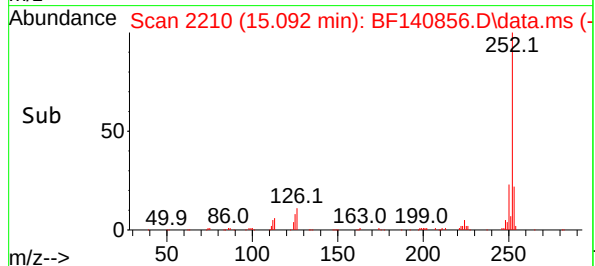
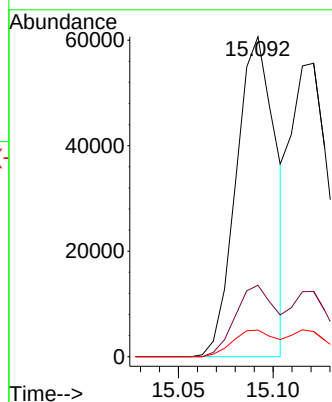
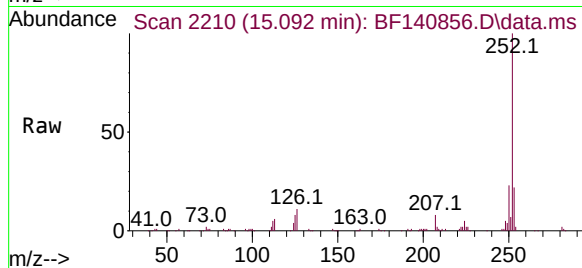




#88
Benzo(b)fluoranthene
Concen: 5.238 ng
RT: 15.092 min Scan# 2110
Delta R.T. -0.018 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

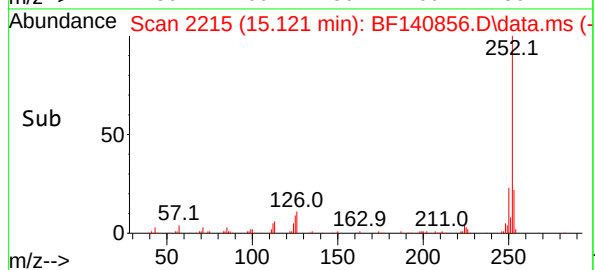
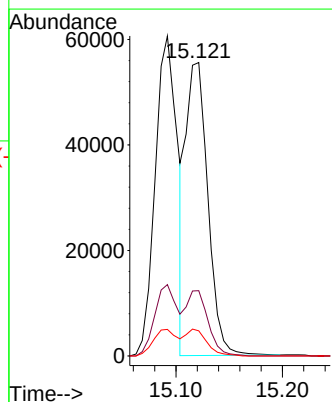
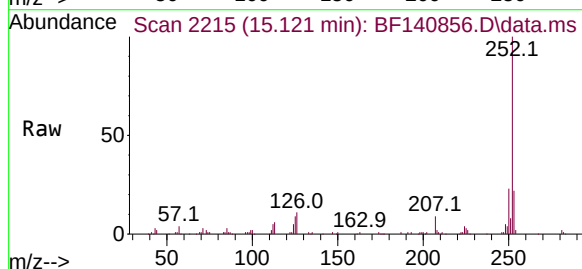
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

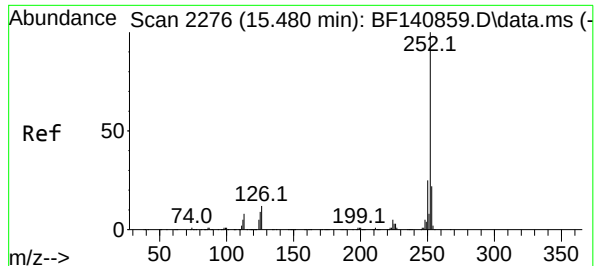
Tgt Ion:252 Resp: 87940
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.3 7.0 10.4



#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# 21

Delta R.T. -0.018 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

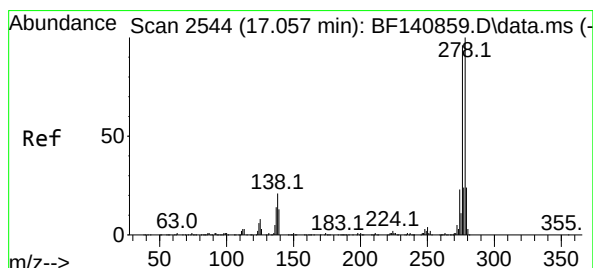
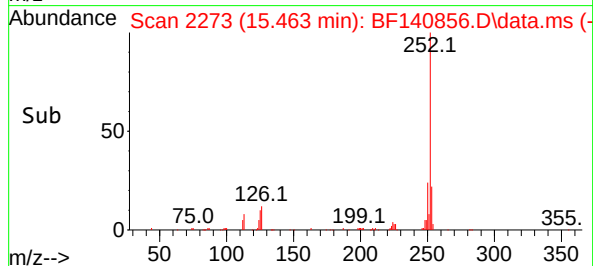
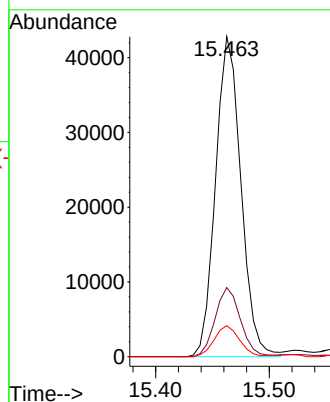
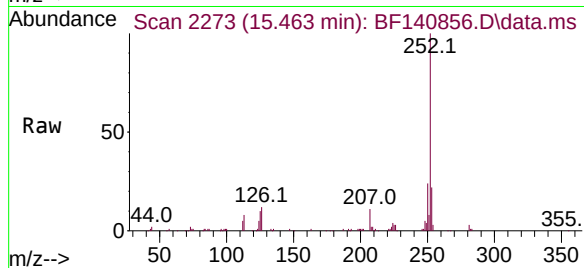
Tgt Ion:252 Resp: 66476

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

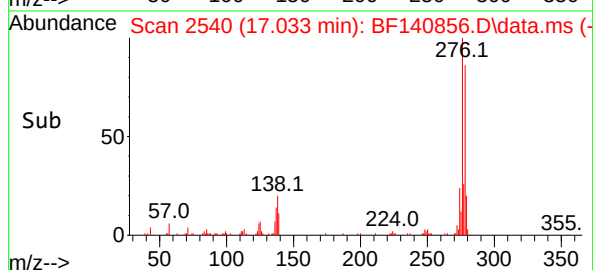
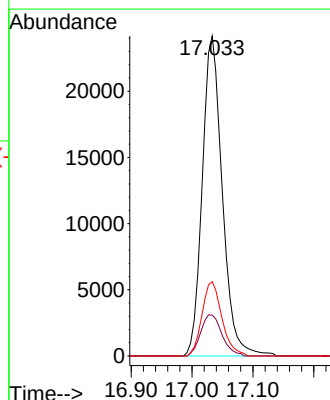
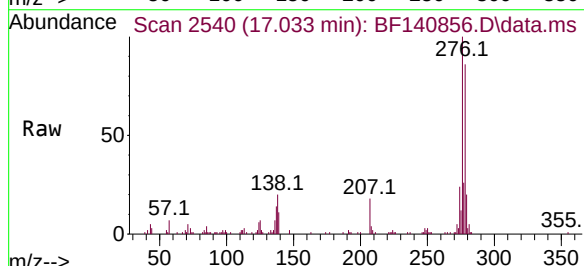
Tgt Ion:278 Resp: 55222

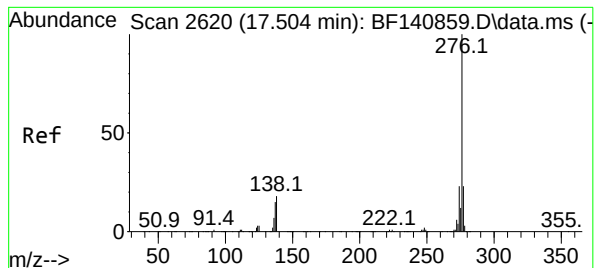
Ion Ratio Lower Upper

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# 20

Delta R.T. -0.018 min

Lab File: BF140856.D

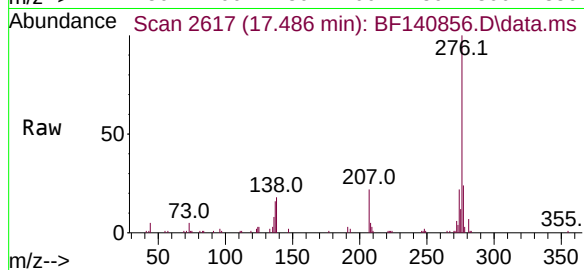
Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



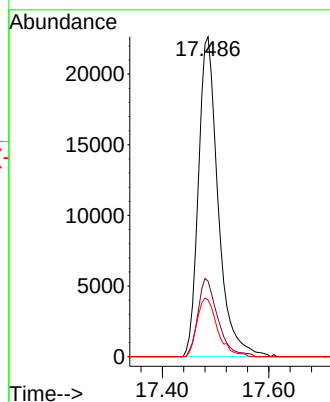
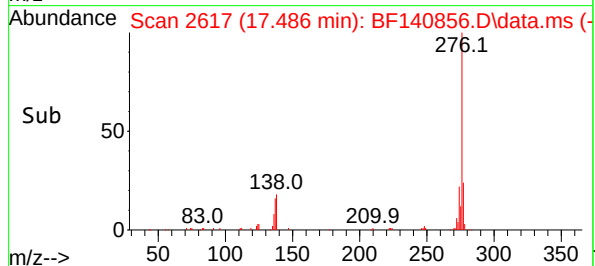
Tgt Ion:276 Resp: 58125

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 17.7 14.2 21.2



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

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

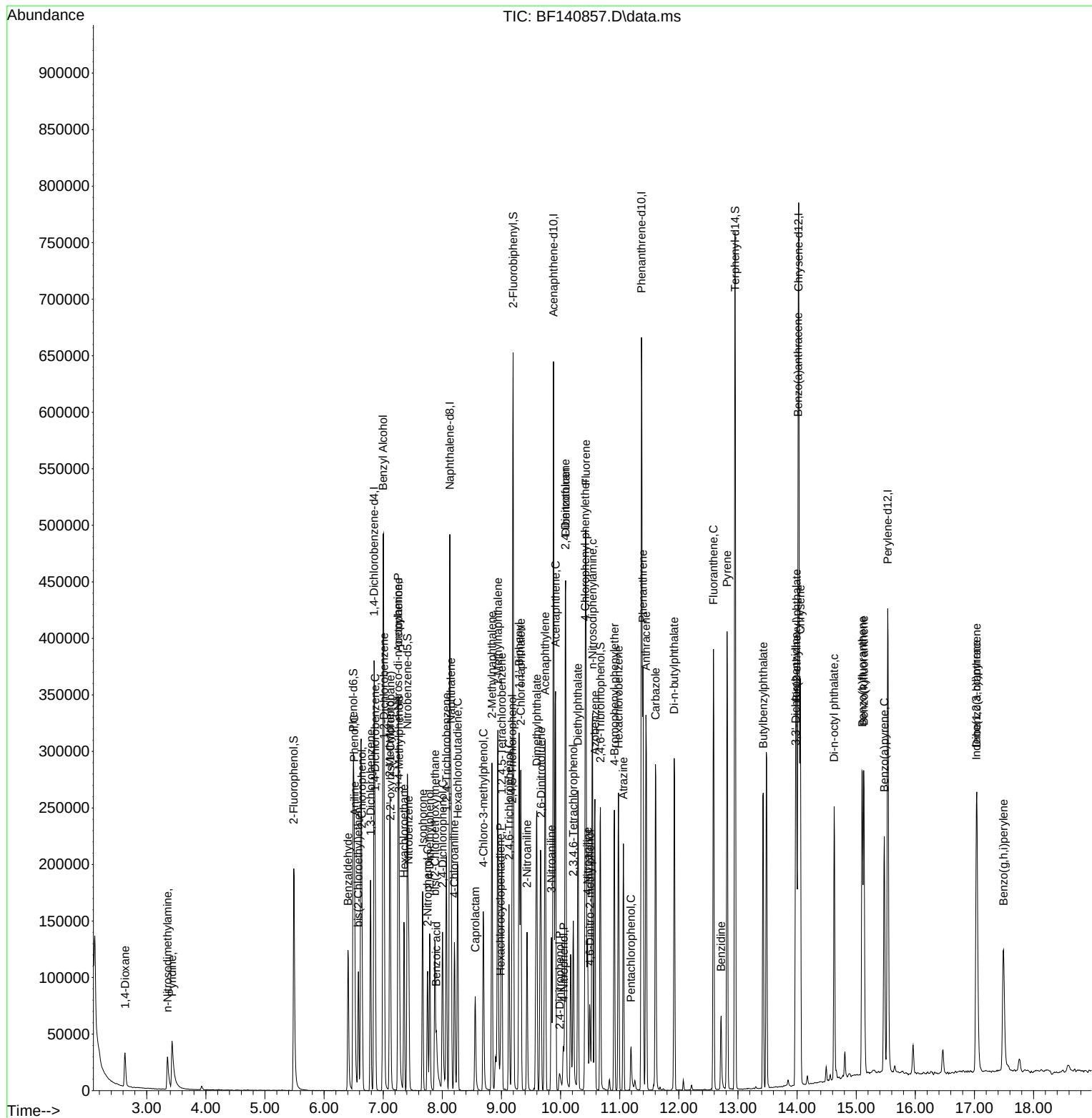
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	35030	8.817	ng	99
46) 1,1'-Biphenyl	9.298	154	145227	9.509	ng	99
47) 2-Chloronaphthalene	9.327	162	111077	9.507	ng	99
48) 2-Nitroaniline	9.433	65	33225	9.416	ng	98
49) Acenaphthylene	9.739	152	174905	10.187	ng	98
50) 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

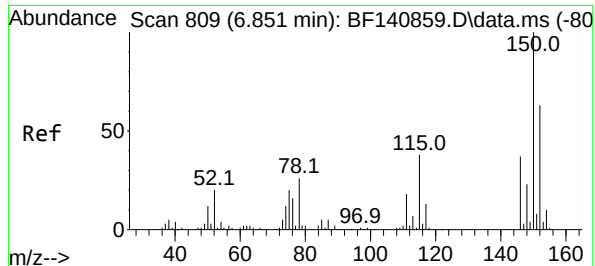
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

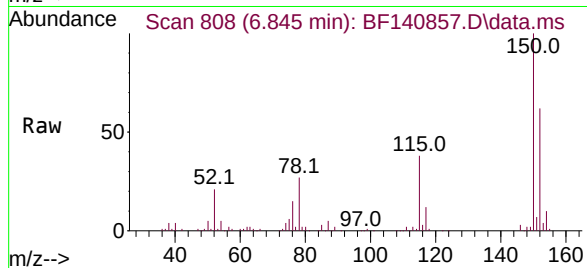
Quant Time: Dec 16 16:47:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



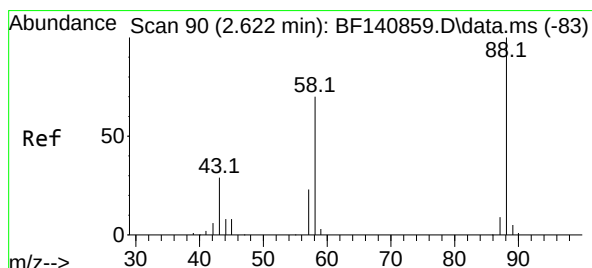
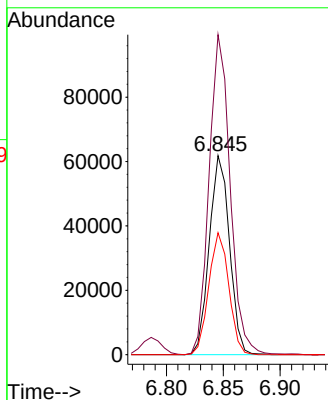
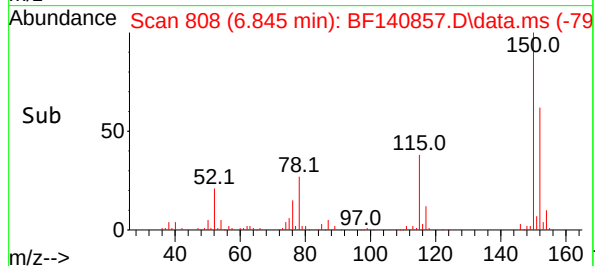


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

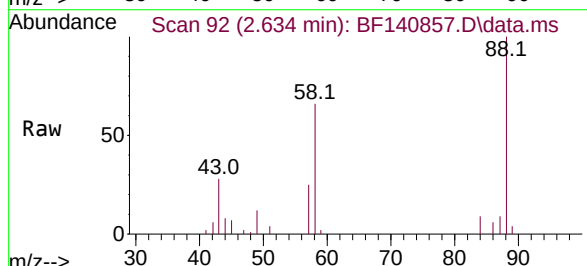
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



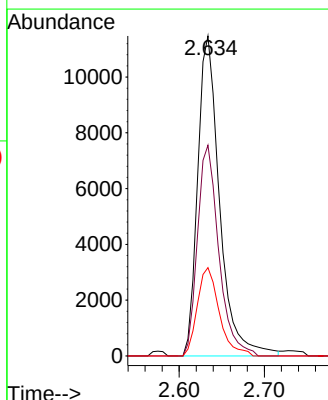
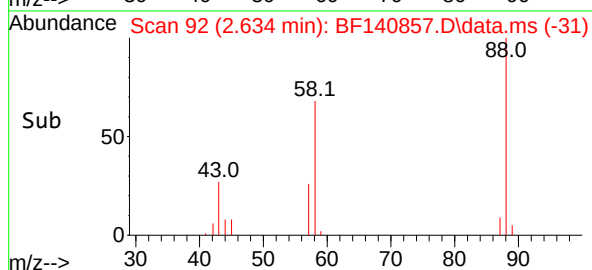
Tgt Ion:152 Resp: 76578
Ion Ratio Lower Upper
152 100
150 160.8 127.9 191.9
115 61.3 48.0 72.0

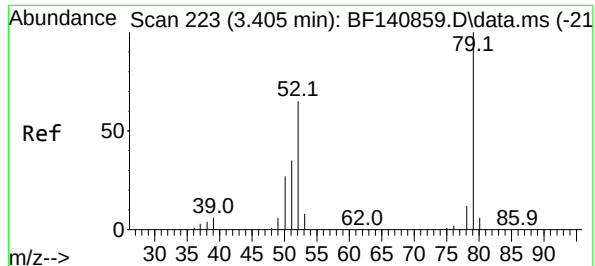


#2
1,4-Dioxane
Concen: 10.244 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.012 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05



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# 21

Delta R.T. 0.023 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

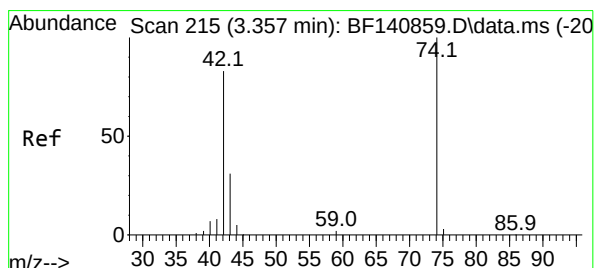
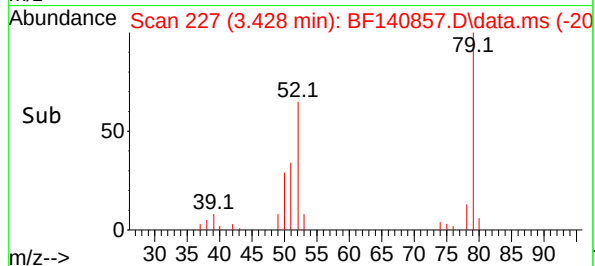
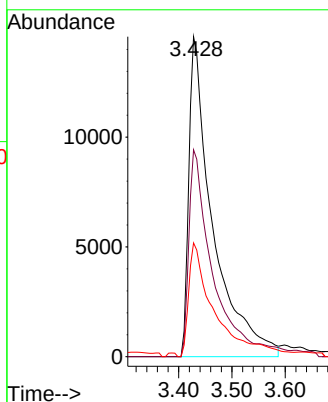
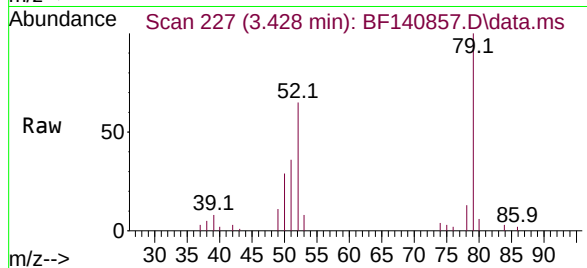
Tgt Ion: 79 Resp: 45270

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

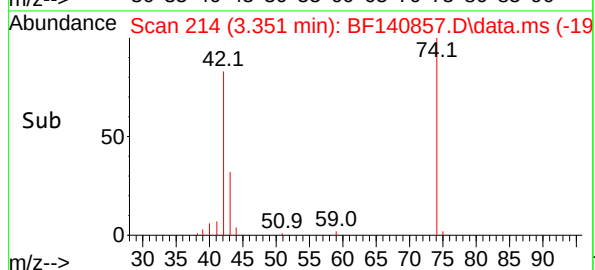
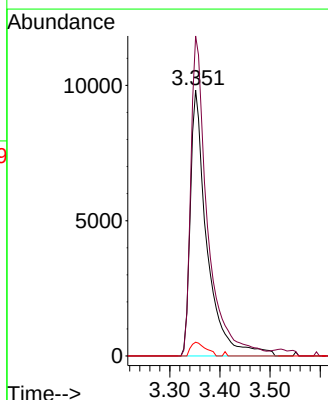
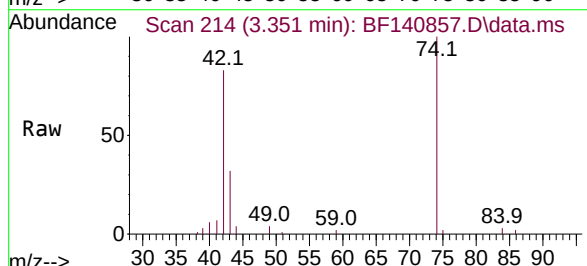
Tgt Ion: 42 Resp: 22689

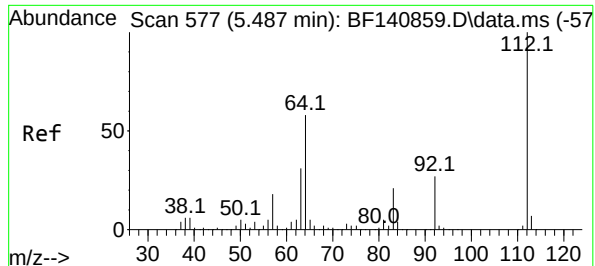
Ion Ratio Lower Upper

42 100

74 120.4 96.9 145.3

44 5.2 4.4 6.6

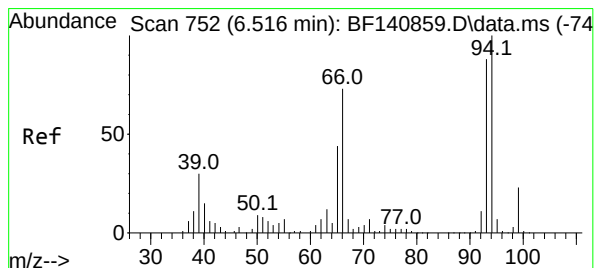
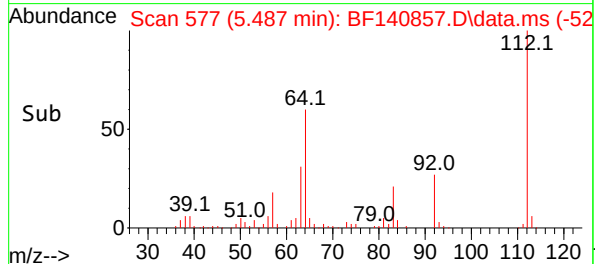
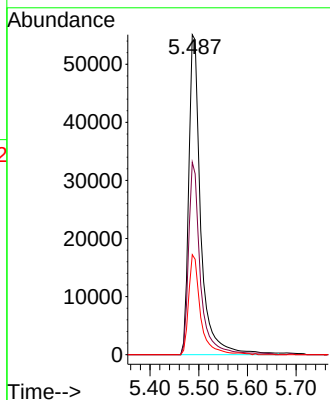
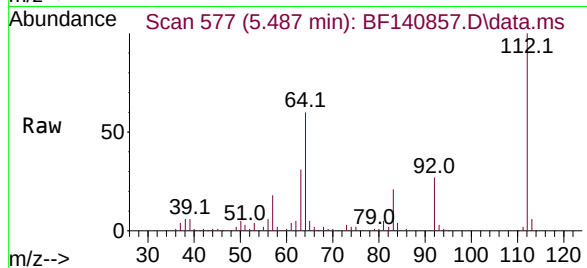




#5
2-Fluorophenol
Concen: 20.344 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

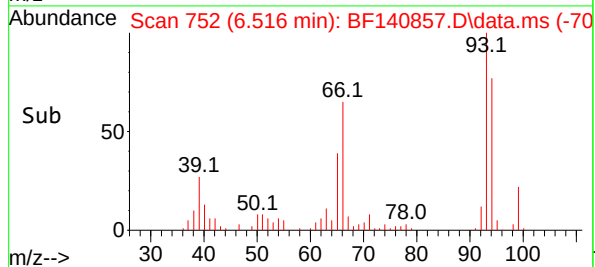
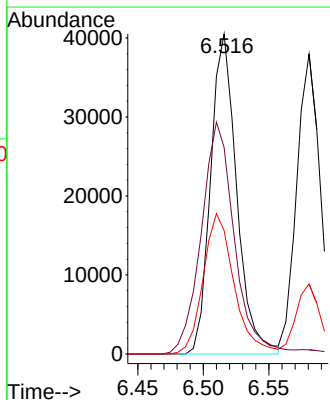
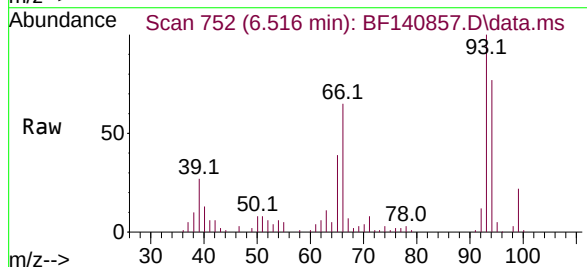
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

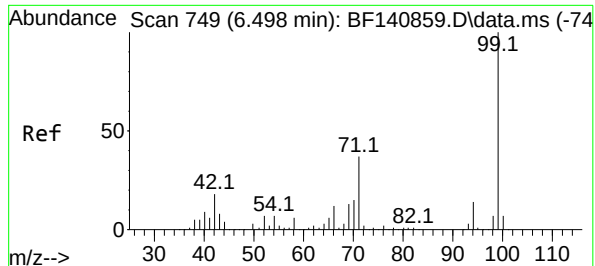
Tgt Ion:112 Resp: 94639
Ion Ratio Lower Upper
112 100
64 60.1 46.1 69.1
63 31.3 24.9 37.3



#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# 749

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

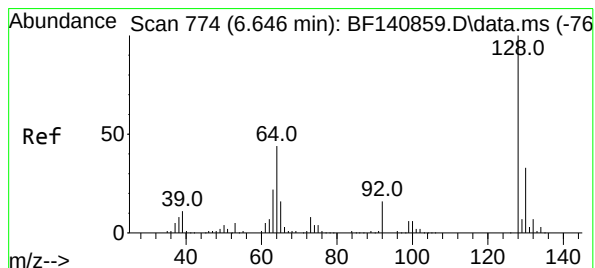
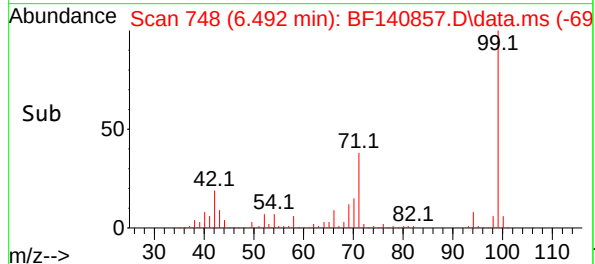
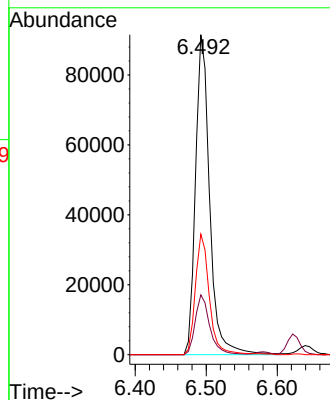
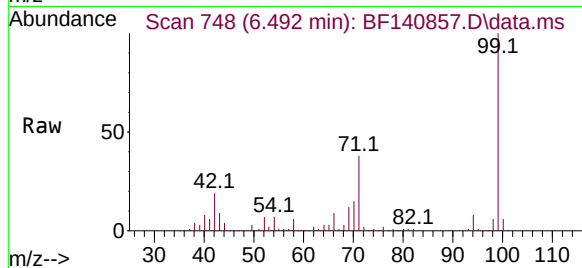
BNA_F

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

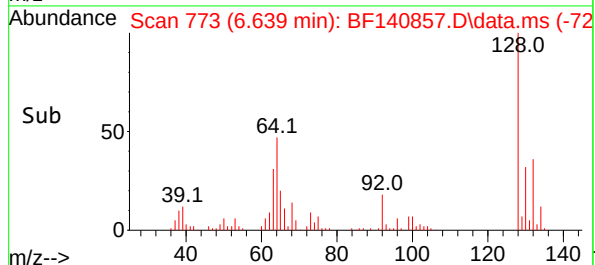
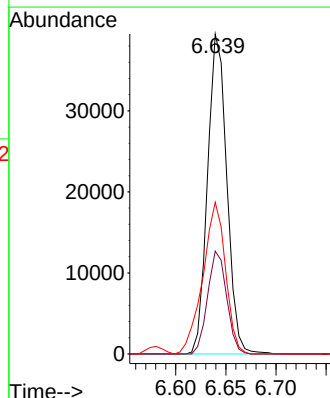
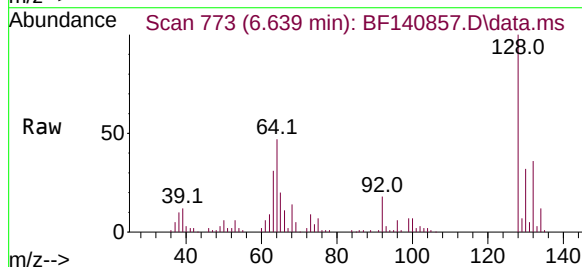
Delta R.T. -0.006 min

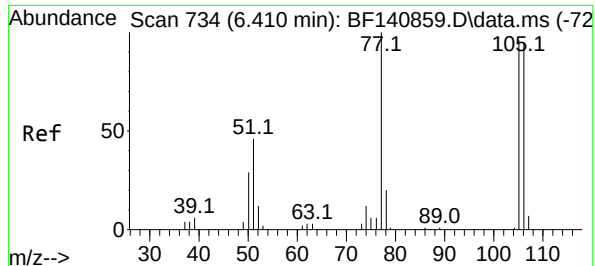
Lab File: BF140857.D

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# 71

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

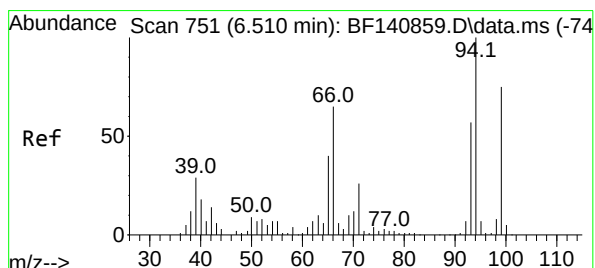
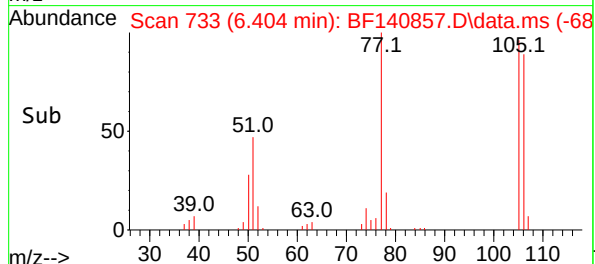
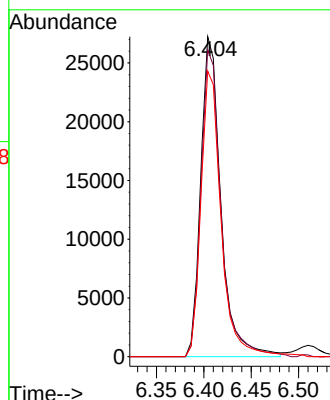
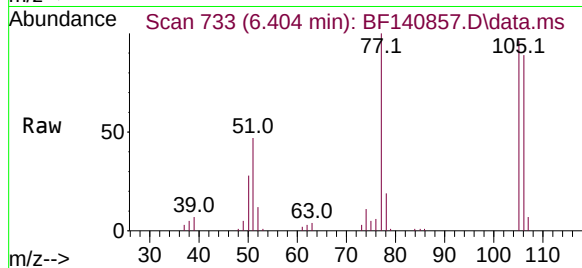
Tgt Ion: 77 Resp: 40257

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

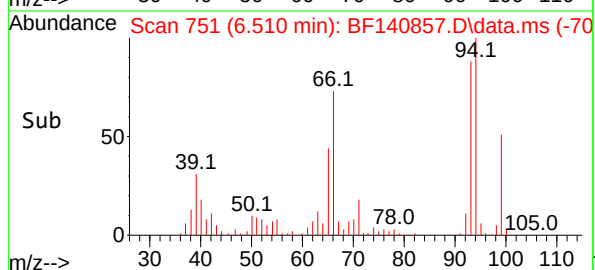
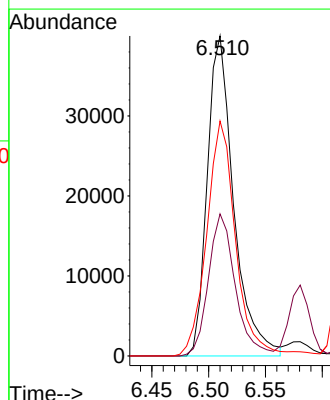
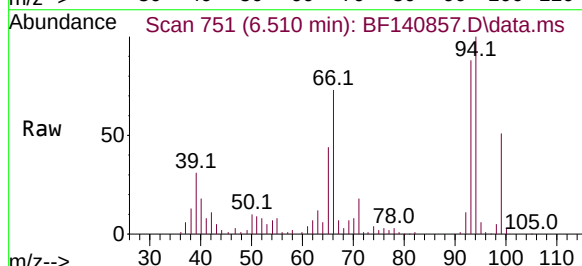
Tgt Ion: 94 Resp: 64718

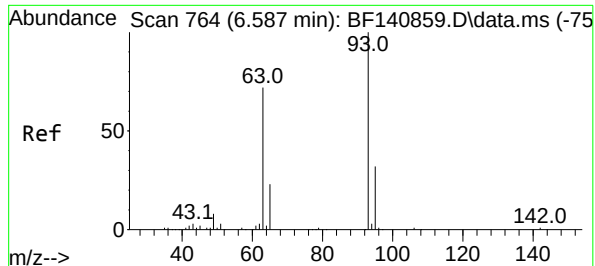
Ion Ratio Lower Upper

94 100

65 44.4 19.9 59.9

66 73.4 45.6 85.6

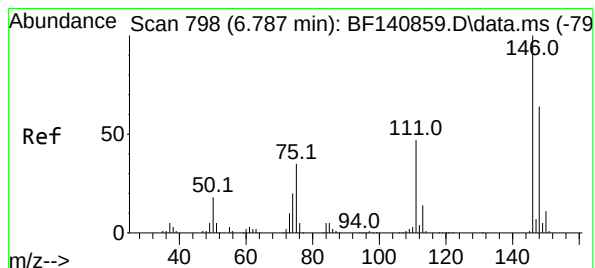
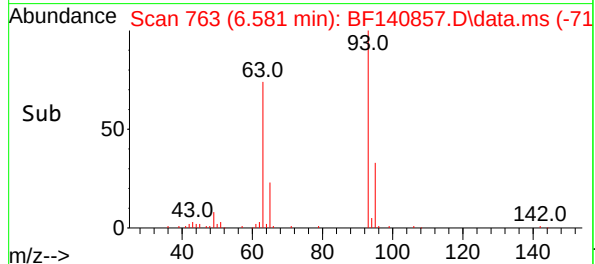
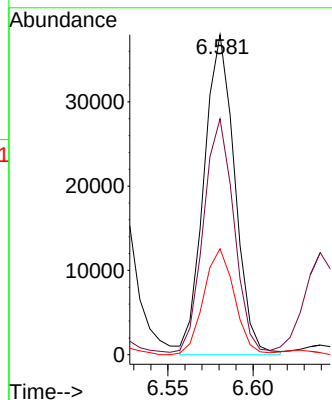
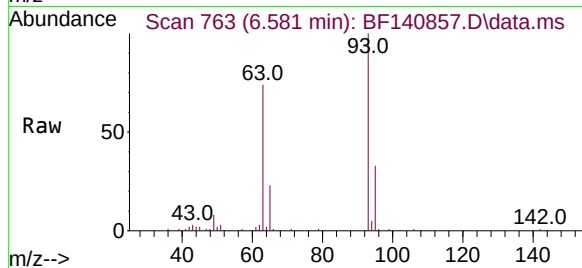




#11
bis(2-Chloroethyl)ether
Concen: 9.984 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

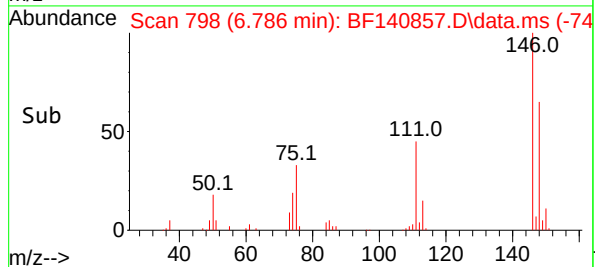
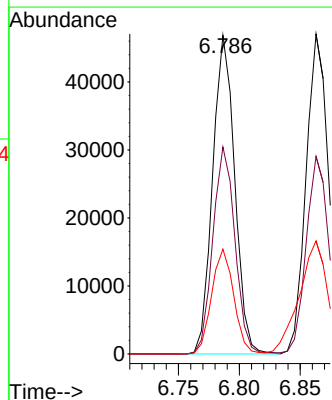
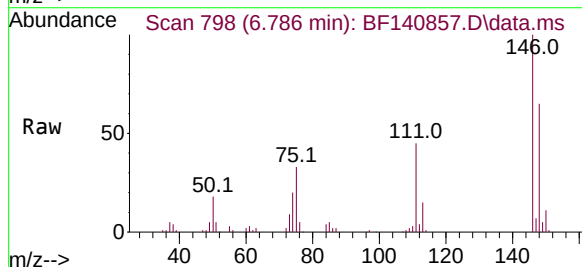
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

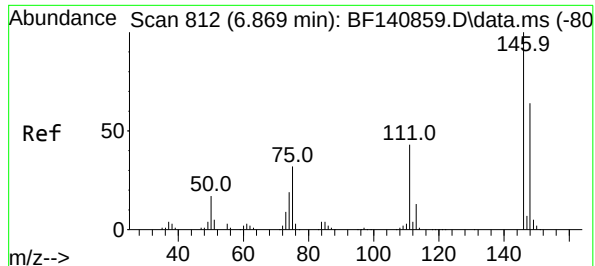
Tgt Ion: 93 Resp: 47546
Ion Ratio Lower Upper
93 100
63 73.7 51.0 91.0
95 33.1 12.0 52.0



#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# 81

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

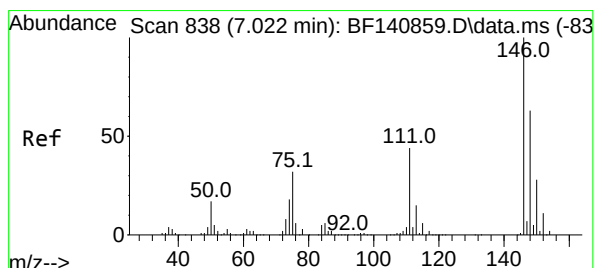
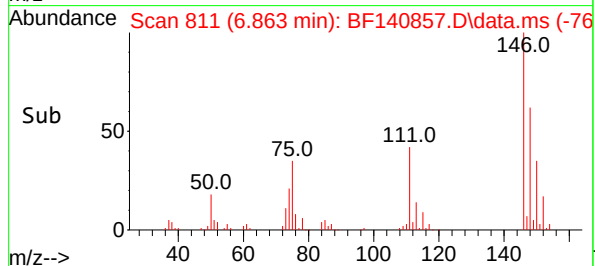
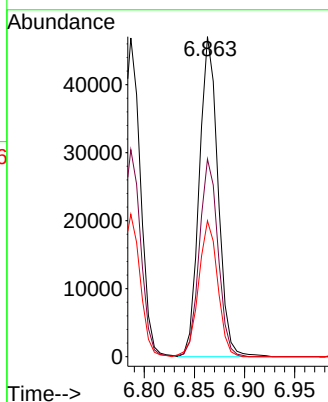
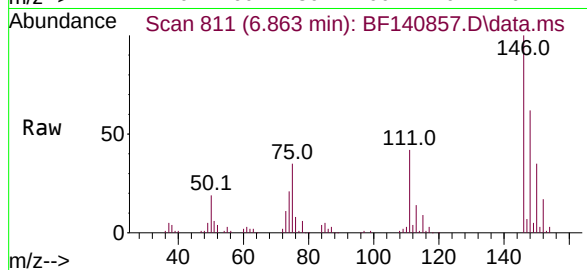
Tgt Ion:146 Resp: 61319

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

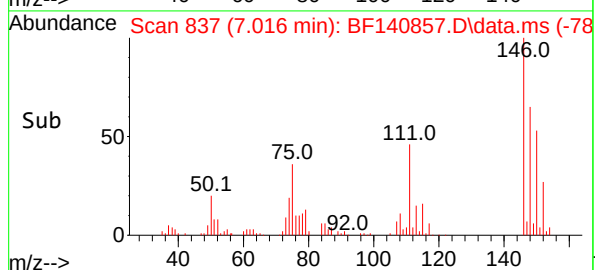
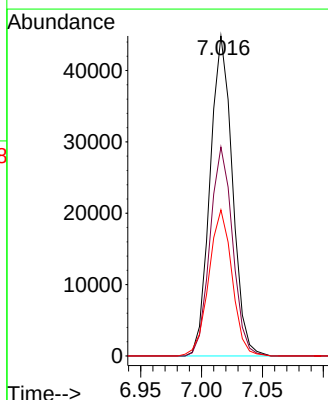
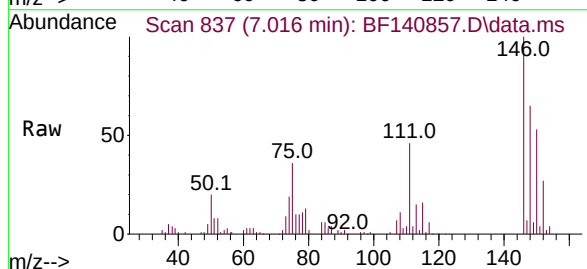
Tgt Ion:146 Resp: 57259

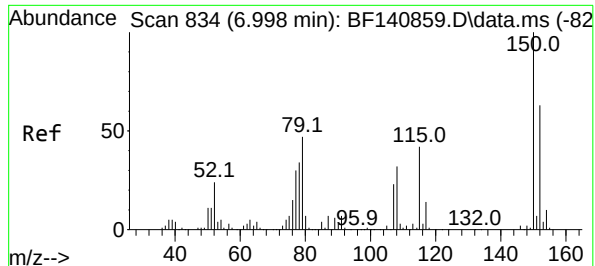
Ion Ratio Lower Upper

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# 81

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

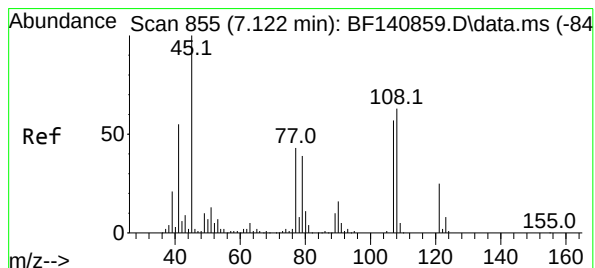
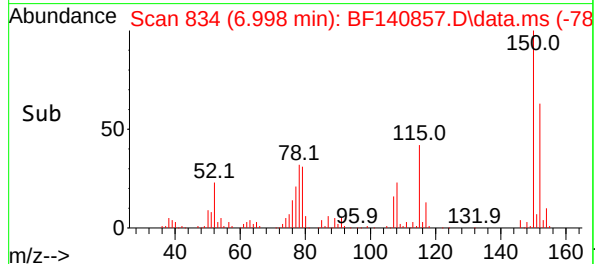
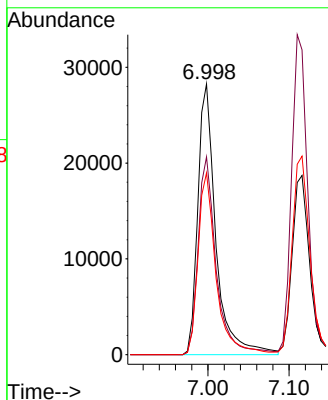
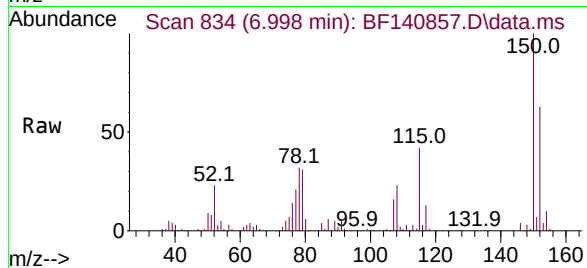
Tgt Ion: 79 Resp: 43771

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

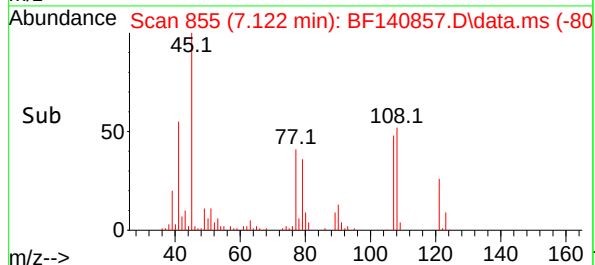
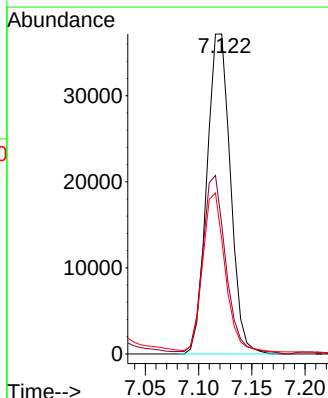
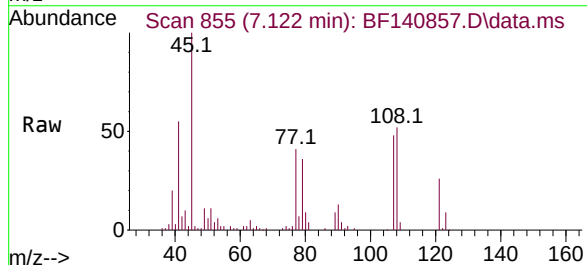
Tgt Ion: 45 Resp: 57243

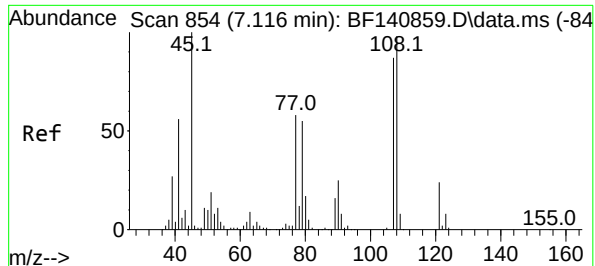
Ion Ratio Lower Upper

45 100

77 40.5 23.3 63.3

79 35.8 20.0 60.0

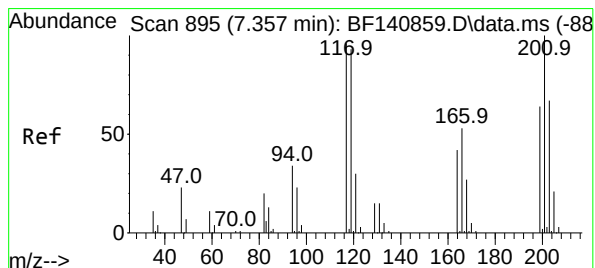
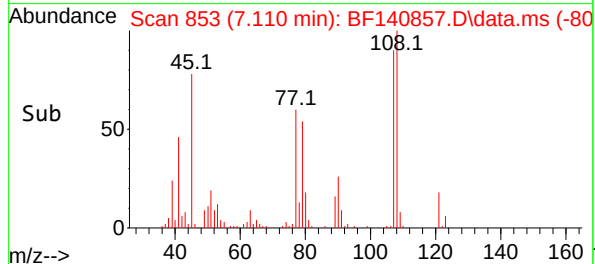
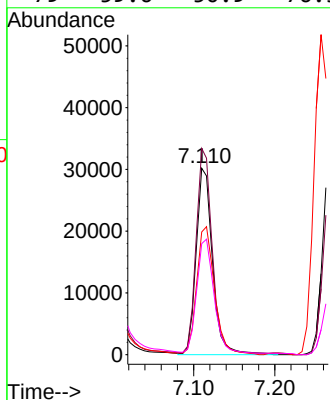
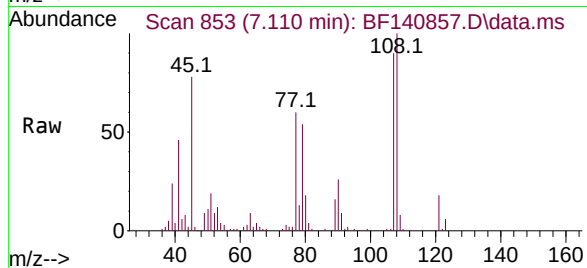




#17
2-Methylphenol
Concen: 10.446 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

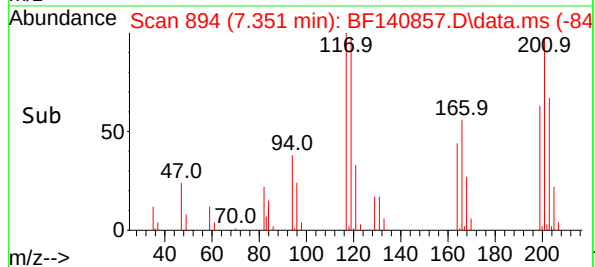
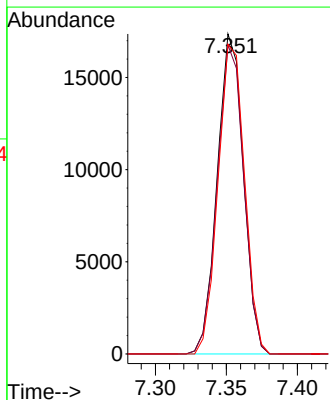
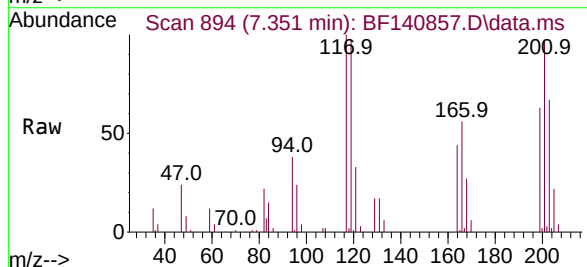
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

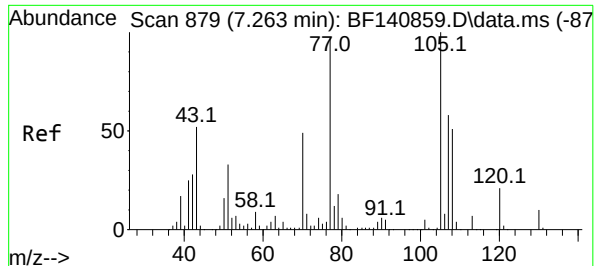
Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.2	135.4
77	65.9	53.8	80.6
79	59.6	50.9	76.3



#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	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# 81

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

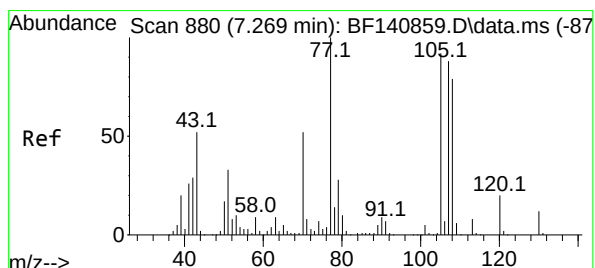
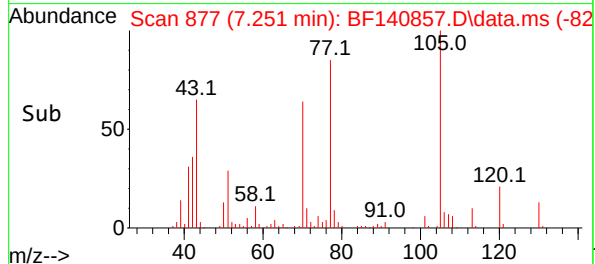
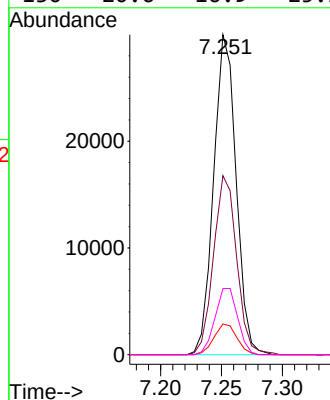
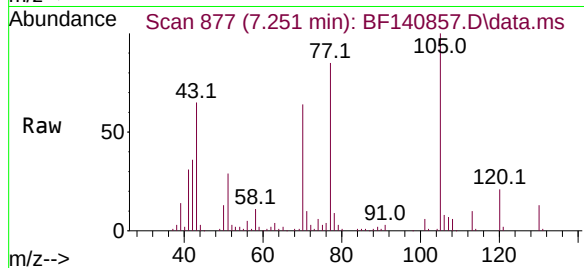
Ion Ratio Lower Upper

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

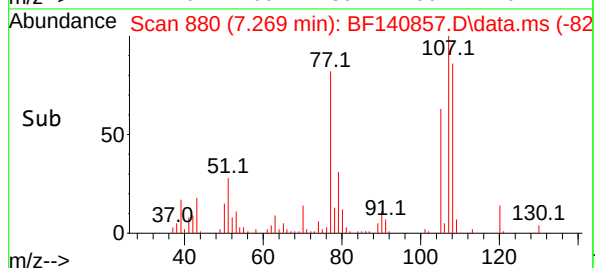
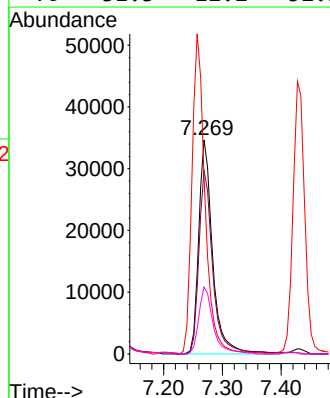
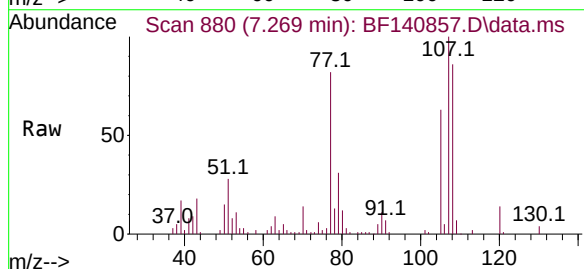
Ion Ratio Lower Upper

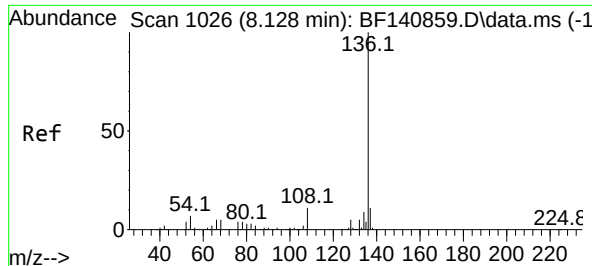
107 100

108 85.6 70.1 110.1

77 82.3 94.4 134.4#

79 31.3 12.2 52.2



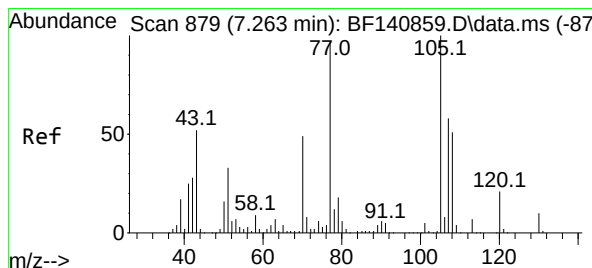
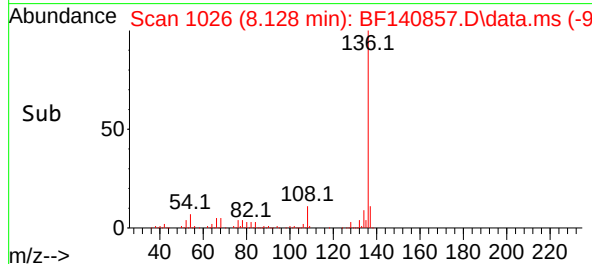
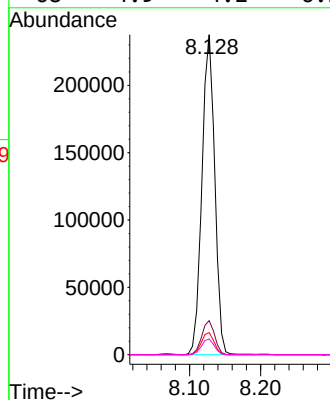
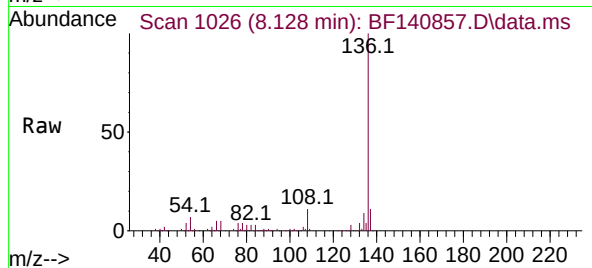


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 298630

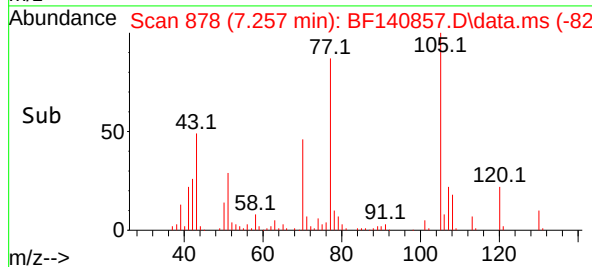
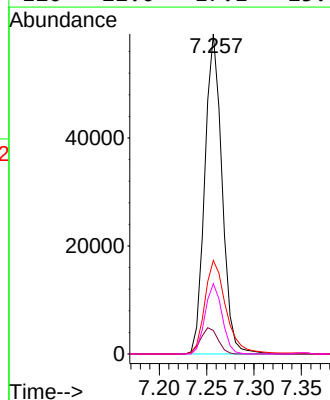
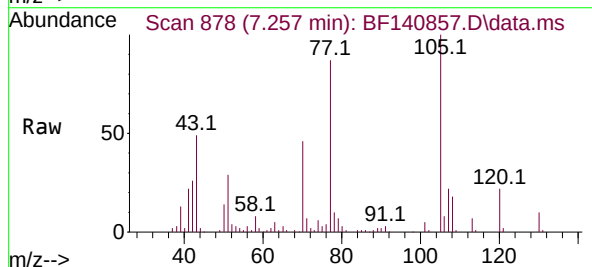
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.9	5.6	8.4
68	4.9	4.2	6.2

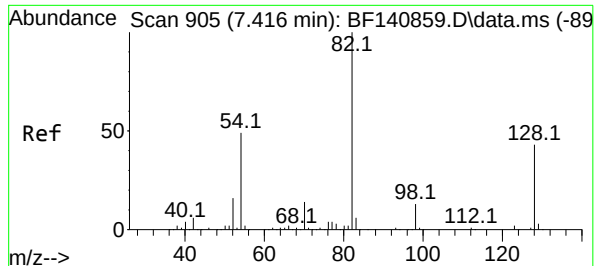


#22
Acetophenone
Concen: 10.046 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

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# 90

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

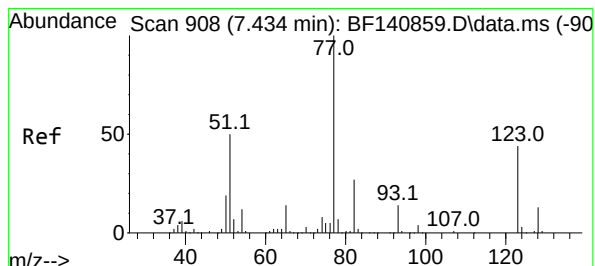
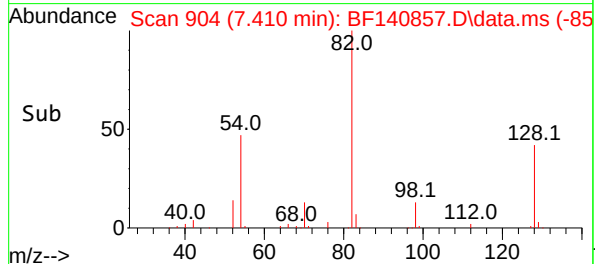
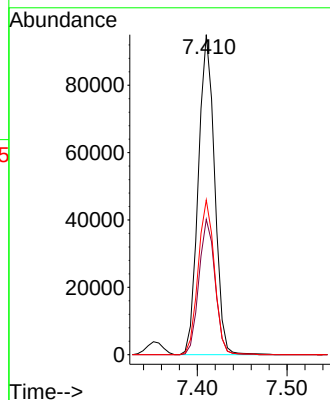
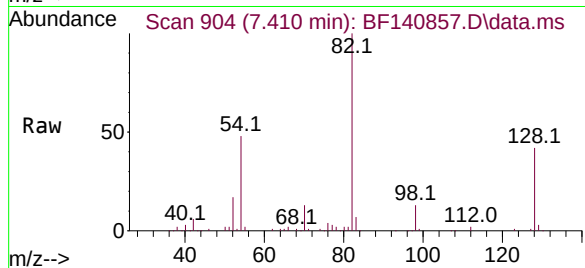
Tgt Ion: 82 Resp: 119665

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

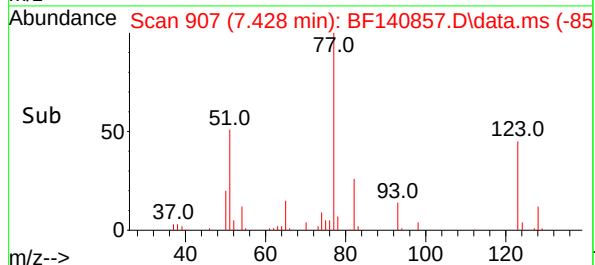
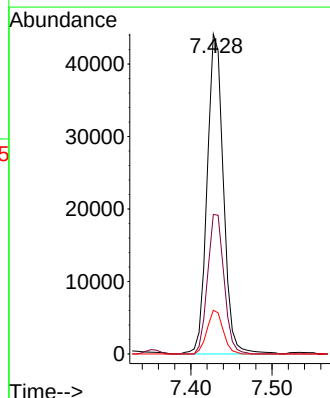
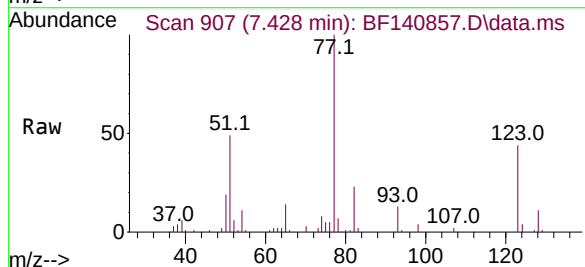
Tgt Ion: 77 Resp: 61294

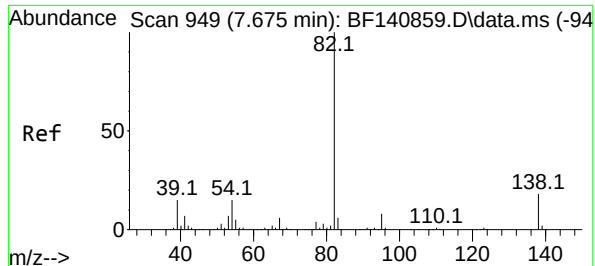
Ion Ratio Lower Upper

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

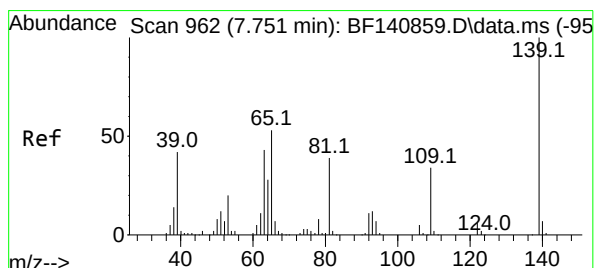
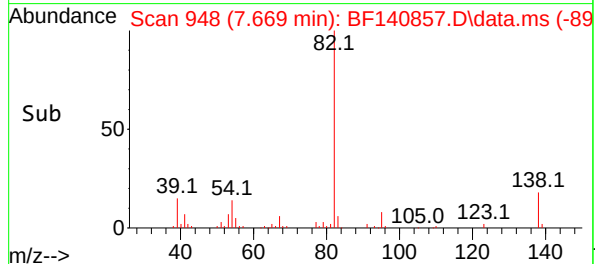
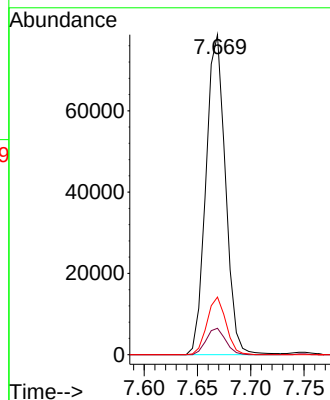
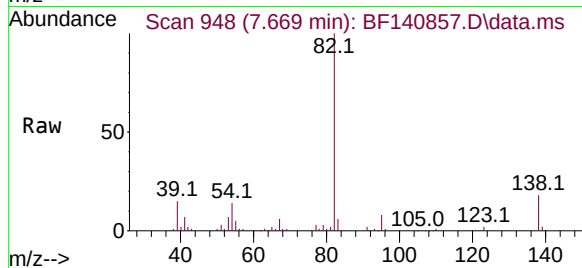
Tgt Ion: 82 Resp: 100405

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

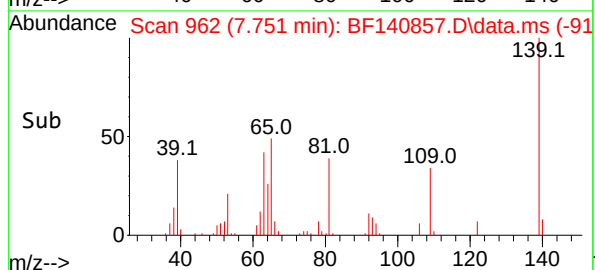
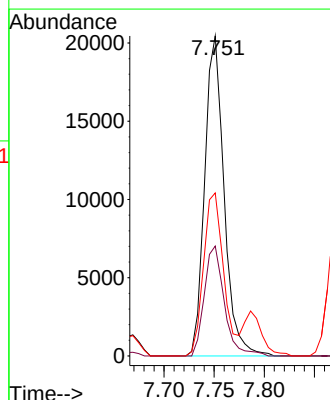
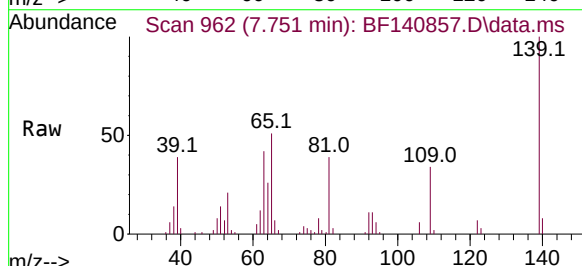
Tgt Ion:139 Resp: 27623

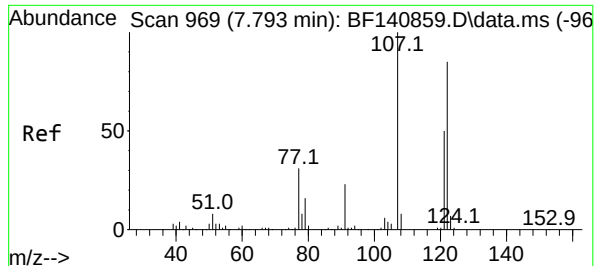
Ion Ratio Lower Upper

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# 90

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

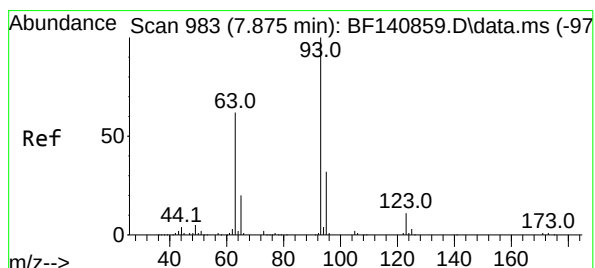
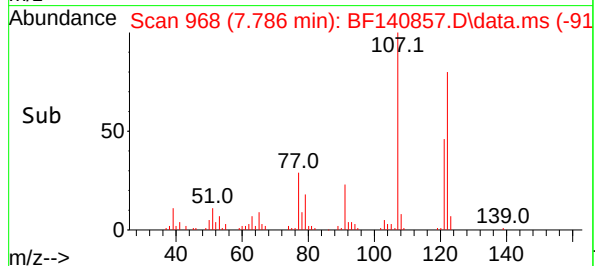
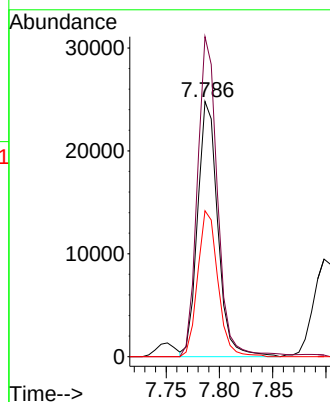
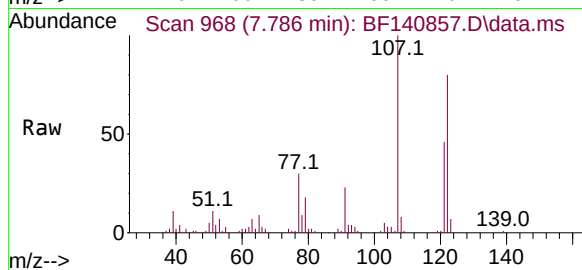
Tgt Ion:122 Resp: 32852

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

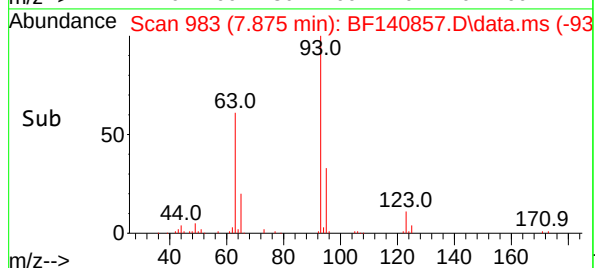
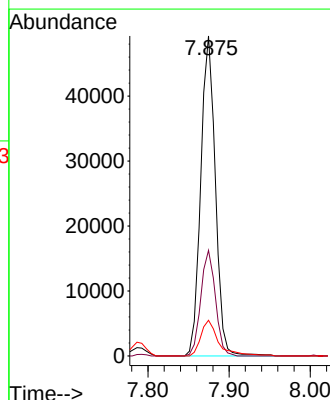
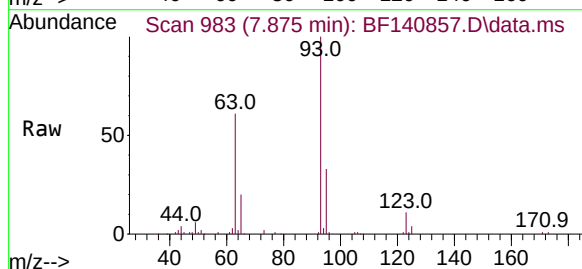
Tgt Ion: 93 Resp: 61752

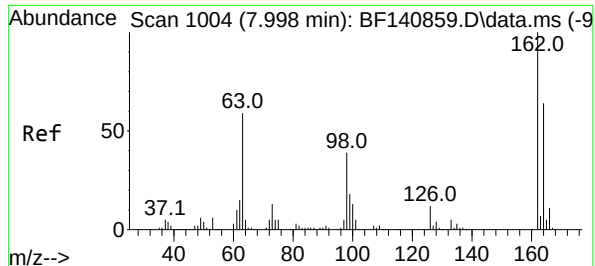
Ion Ratio Lower Upper

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# 1005

Delta R.T. 0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

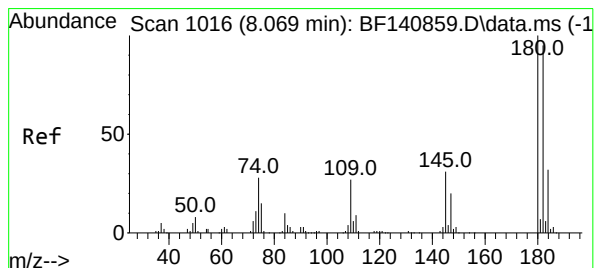
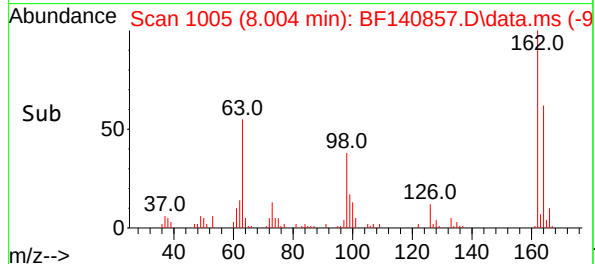
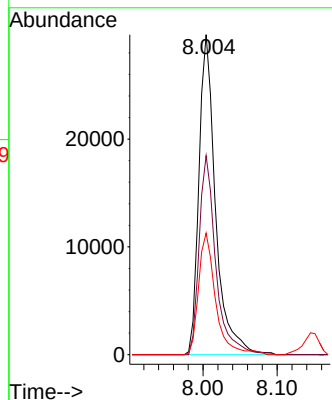
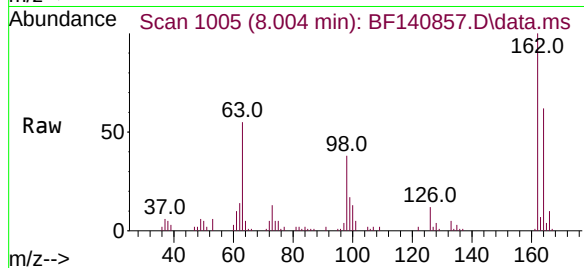
Tgt Ion:162 Resp: 46274

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

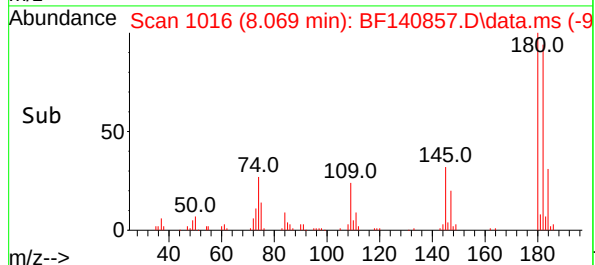
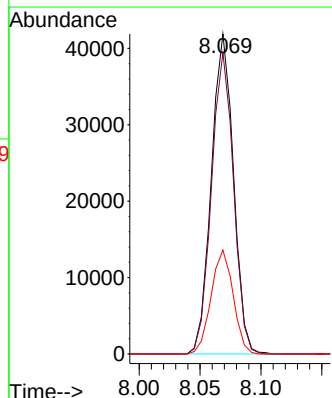
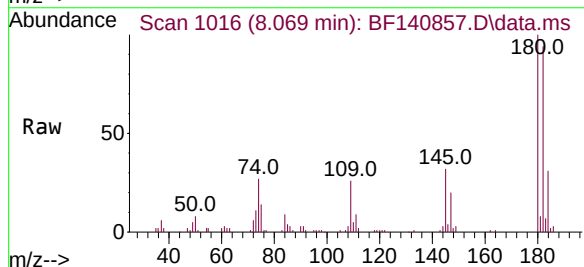
Tgt Ion:180 Resp: 52790

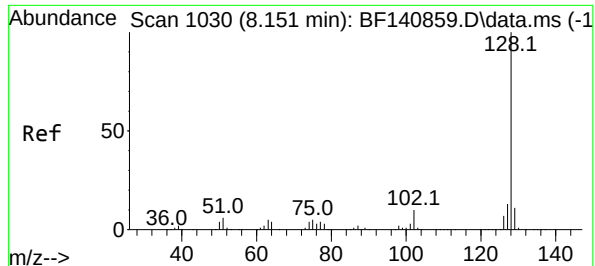
Ion Ratio Lower Upper

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

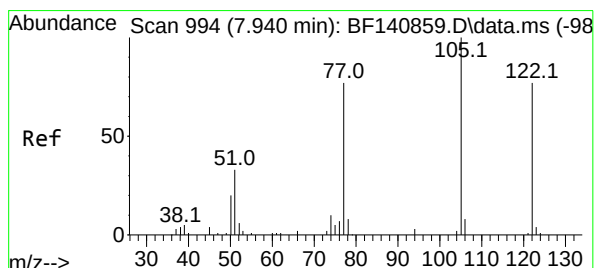
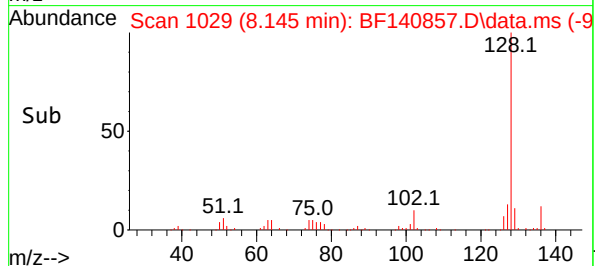
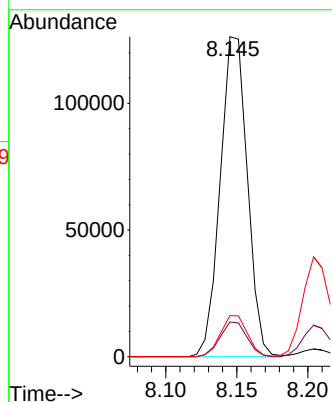
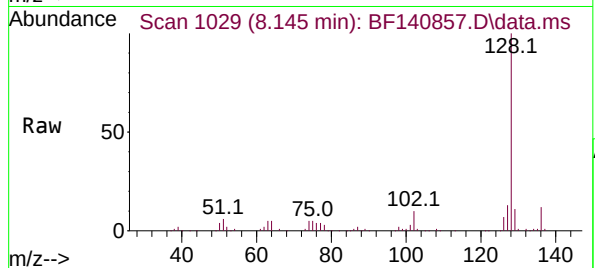
Tgt Ion:128 Resp: 168002

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

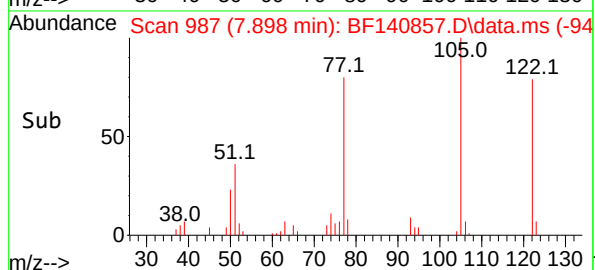
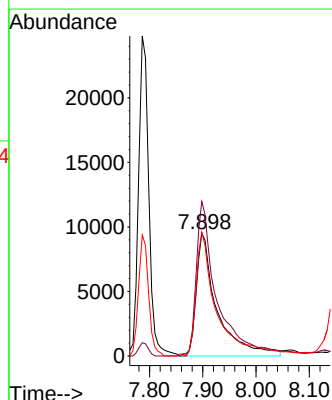
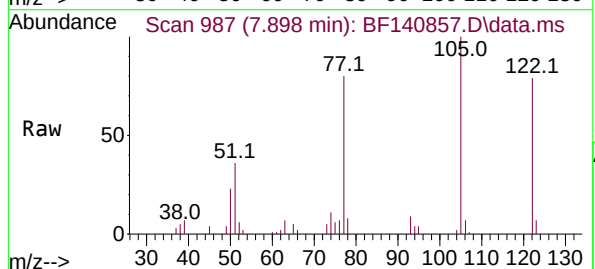
Tgt Ion:122 Resp: 25770

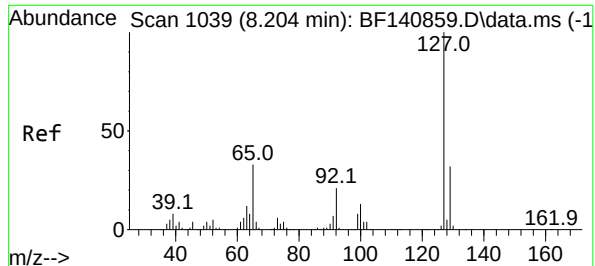
Ion Ratio Lower Upper

122 100

105 126.2 108.3 148.3

77 101.3 78.8 118.8

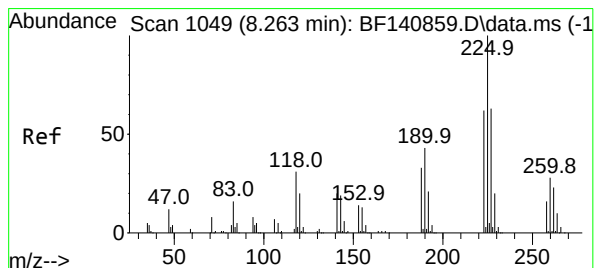
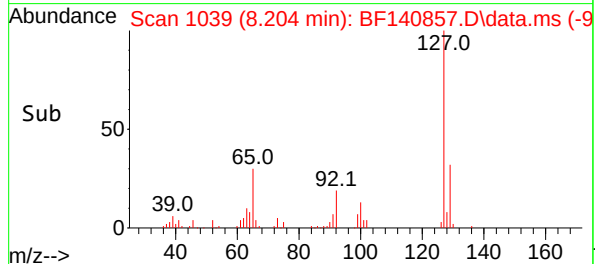
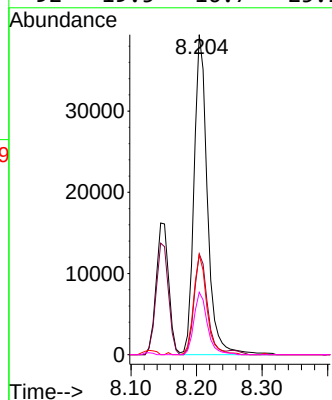
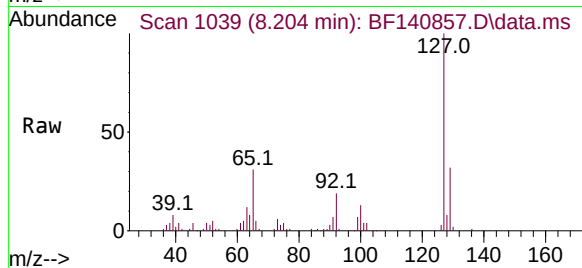




#33
4-Chloroaniline
Concen: 10.269 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

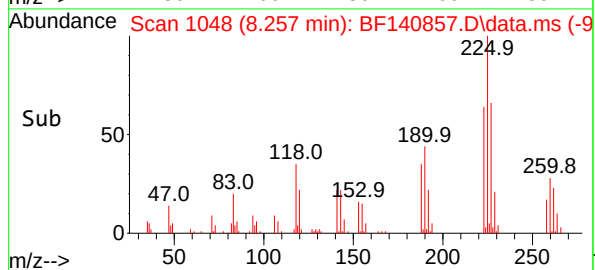
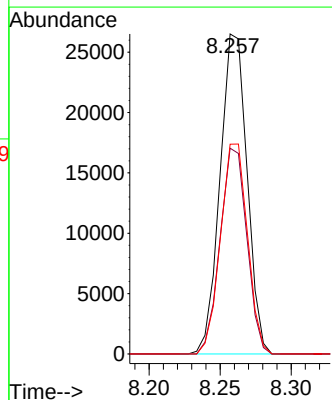
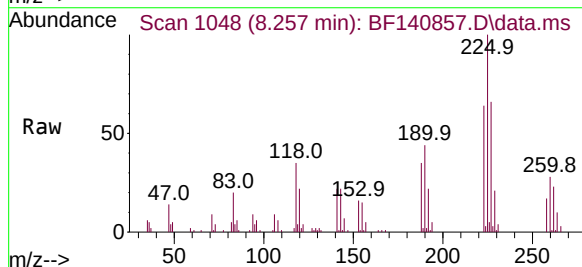
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

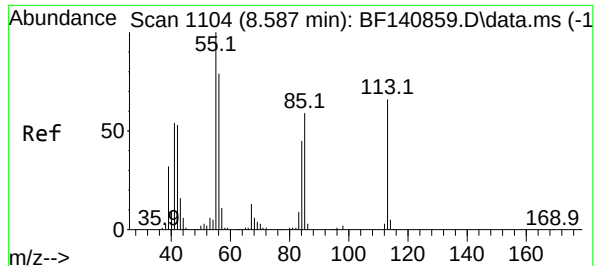
Tgt Ion:	127	Resp:	55948
Ion Ratio	Lower	Upper	
127	100		
129	31.5	26.0	39.0
65	31.2	26.0	39.0
92	19.5	16.7	25.1



#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

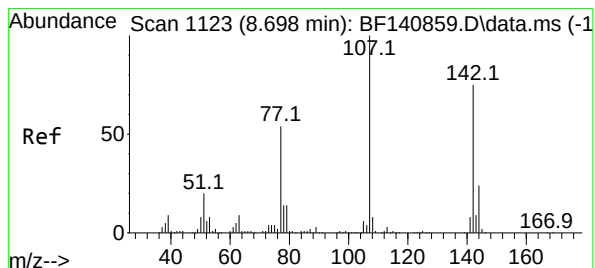
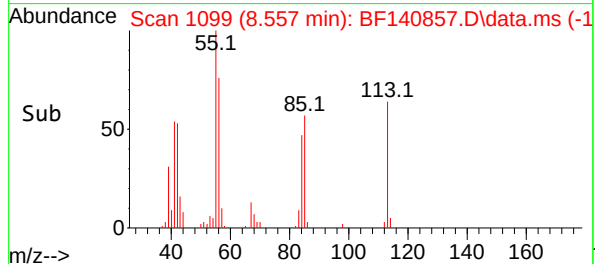
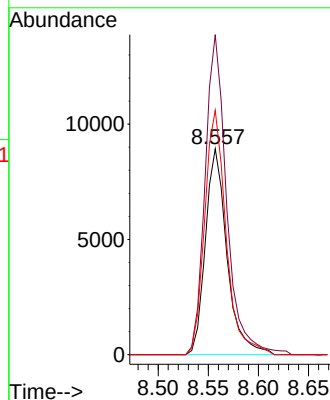
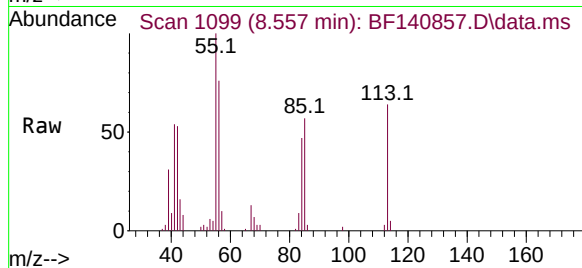




#35
Caprolactam
Concen: 9.925 ng
RT: 8.557 min Scan# 1104
Delta R.T. -0.030 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

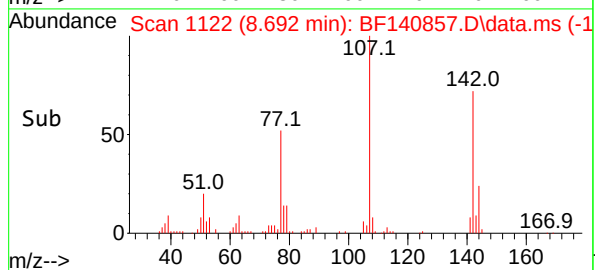
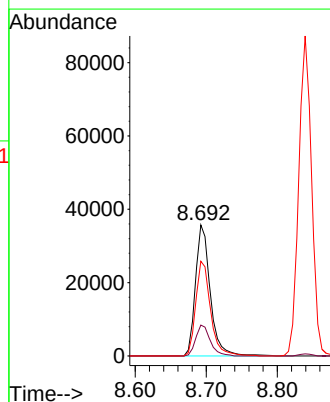
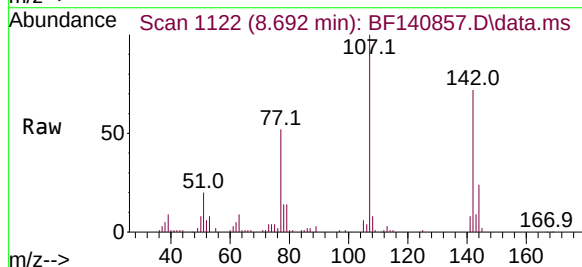
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

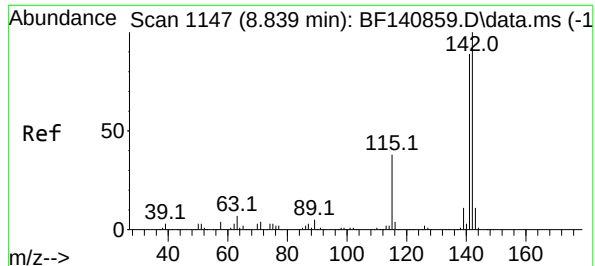
Tgt Ion:113 Resp: 13417
Ion Ratio Lower Upper
113 100
55 155.4 132.3 172.3
56 118.6 100.3 140.3



#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# 1147

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

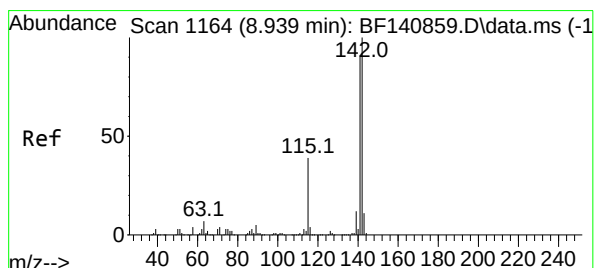
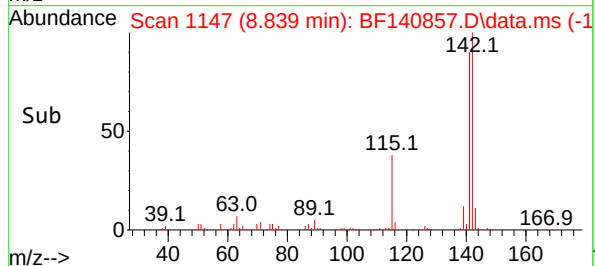
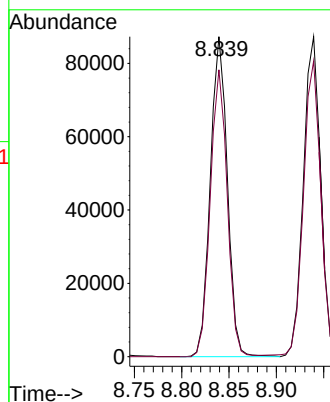
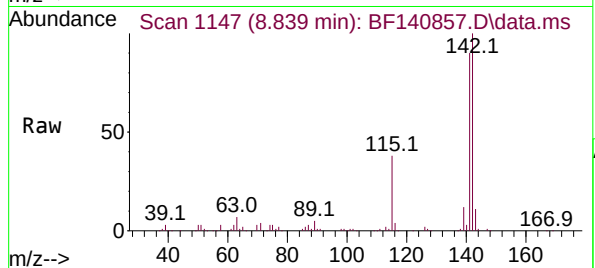
SSTDICC010

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

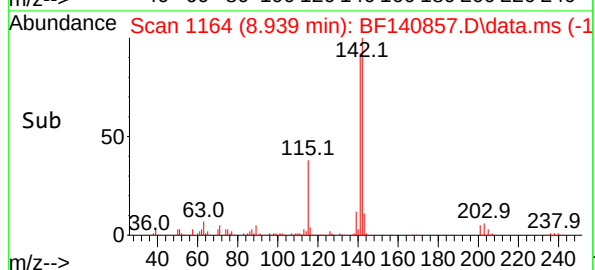
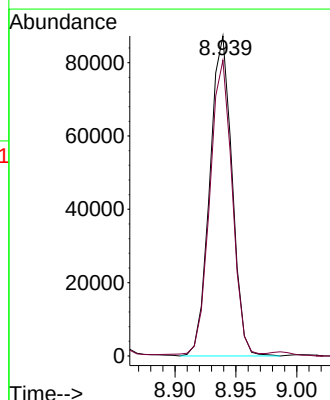
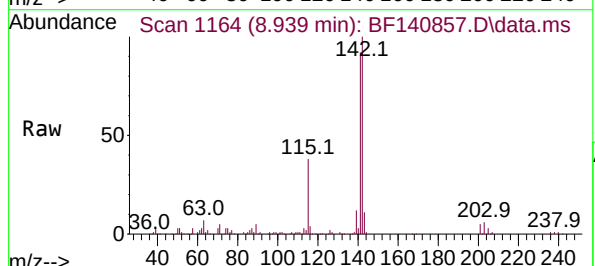
Acq: 16 Dec 2024 13:05

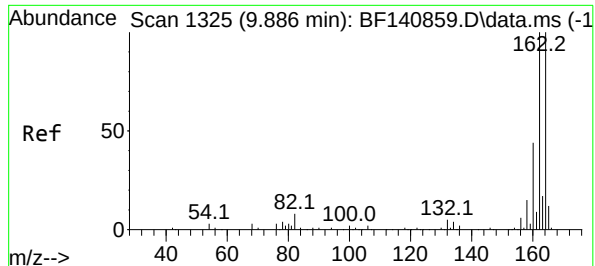
Tgt Ion:142 Resp: 110917

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# 1175

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

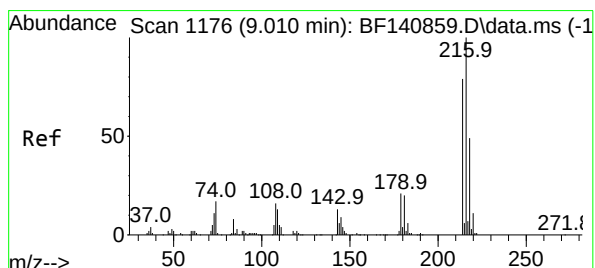
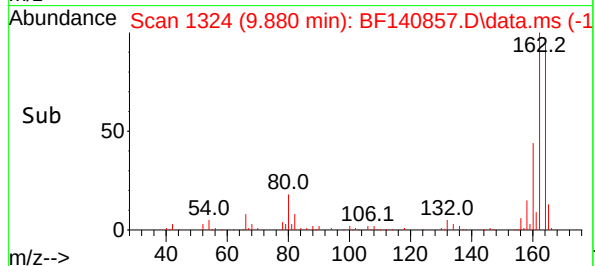
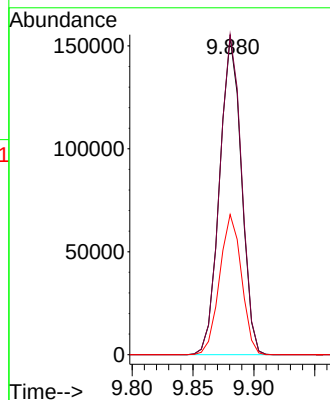
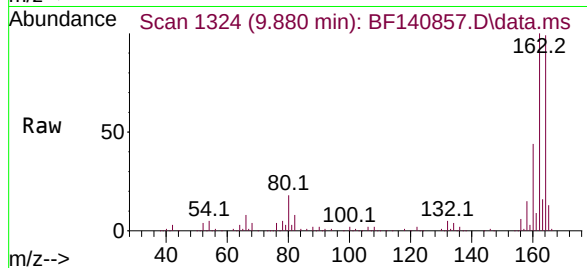
Tgt Ion:164 Resp: 192062

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

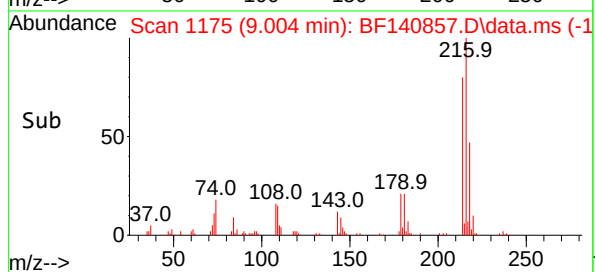
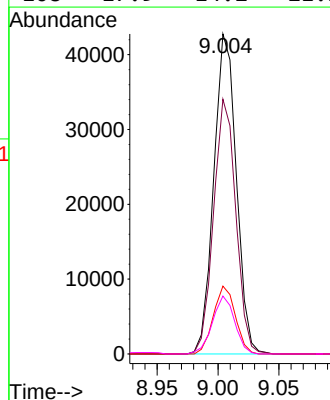
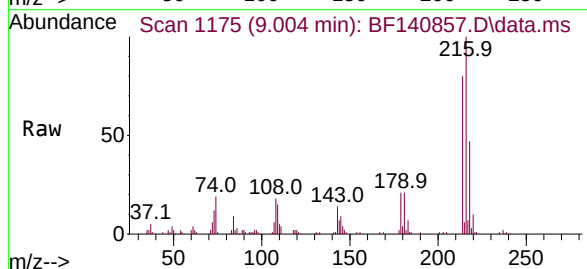
Ion Ratio Lower Upper

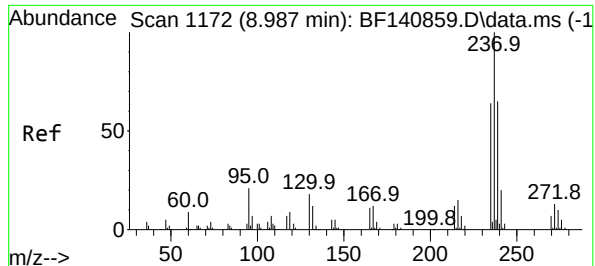
216 100

214 78.6 63.6 95.4

179 20.7 17.0 25.4

108 17.9 14.2 21.2

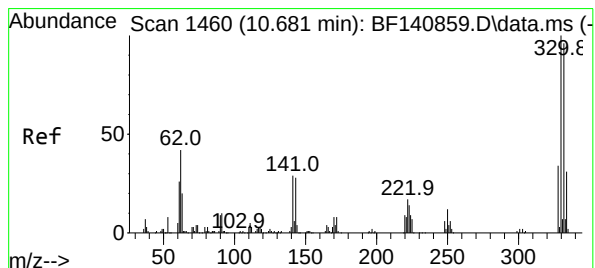
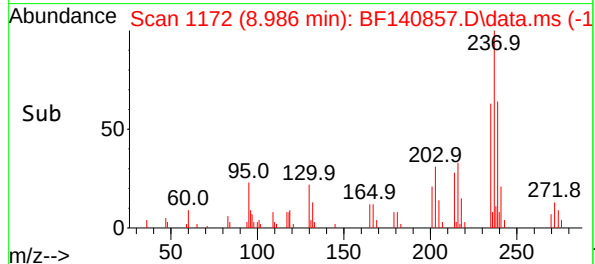
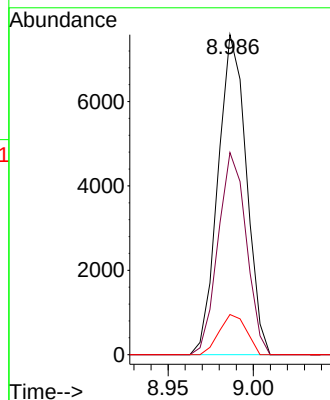
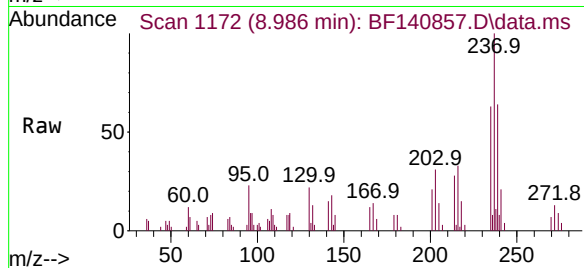




#41
Hexachlorocyclopentadiene
Concen: 8.866 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

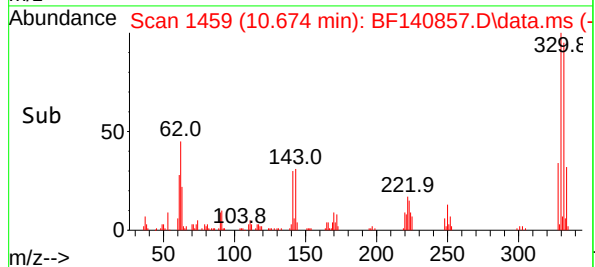
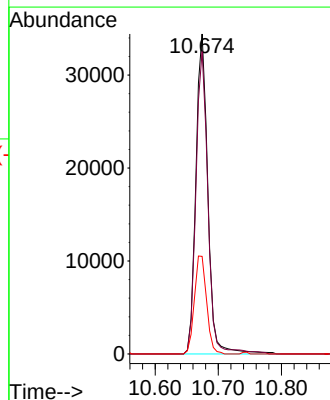
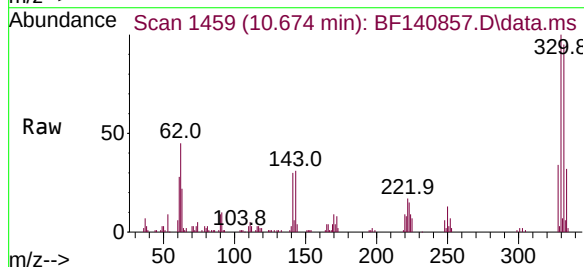
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

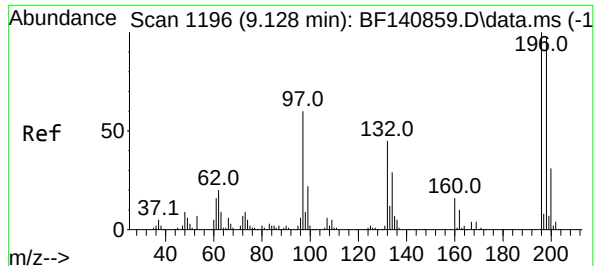
Tgt Ion:	237	Resp:	8781
Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.7	83.7
272	12.5	0.0	32.9



#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# 1196

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

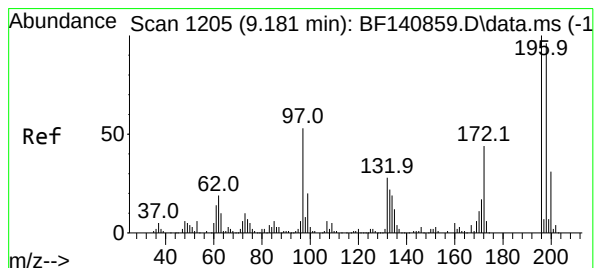
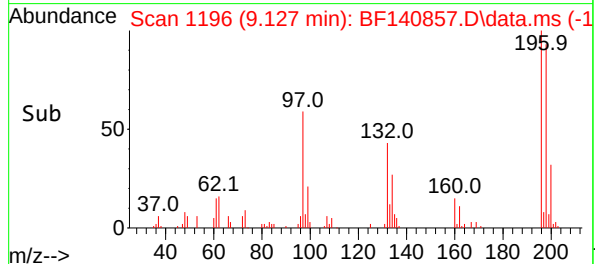
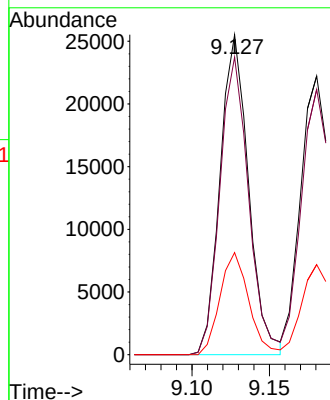
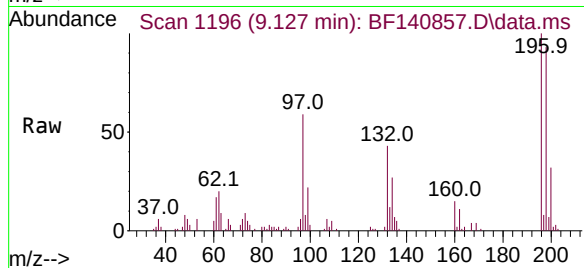
Tgt Ion:196 Resp: 32555

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

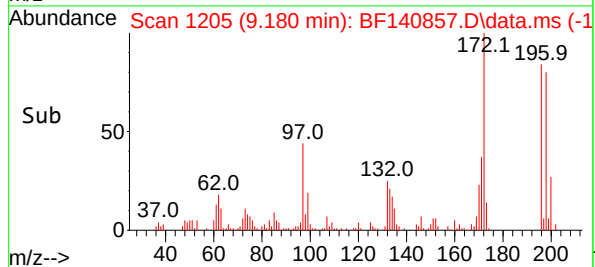
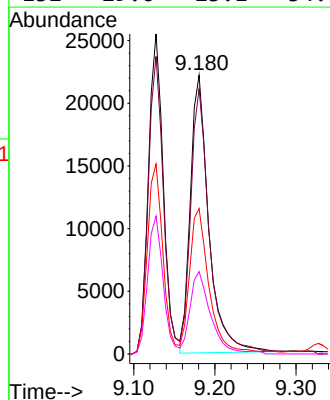
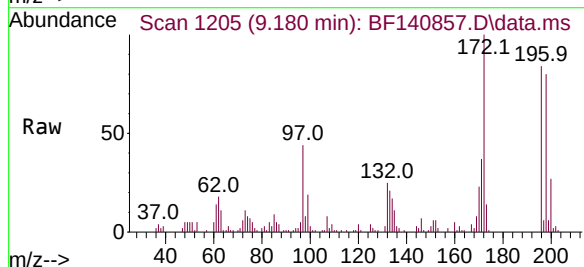
Ion Ratio Lower Upper

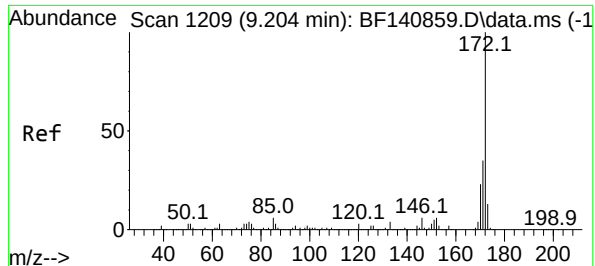
196 100

198 95.2 77.2 115.8

97 52.2 42.2 63.4

132 29.6 23.1 34.7

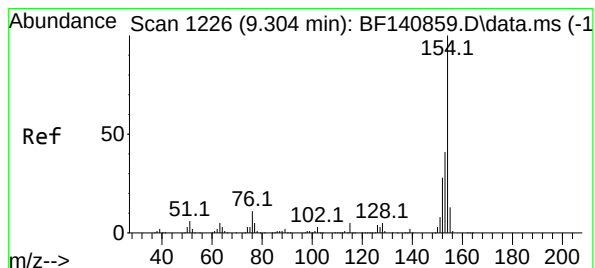
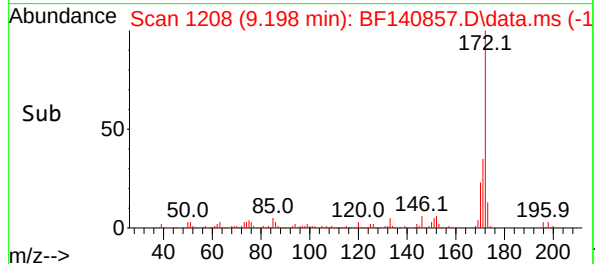
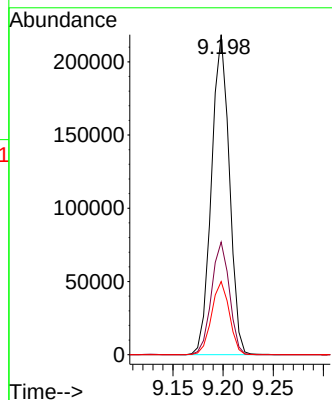
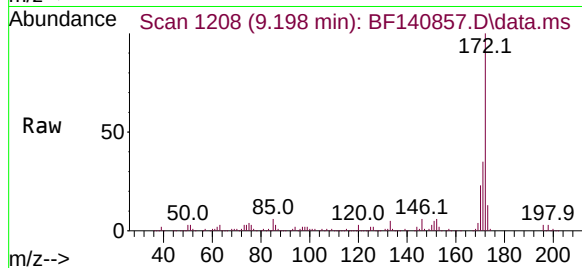




#45
2-Fluorobiphenyl
Concen: 19.381 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

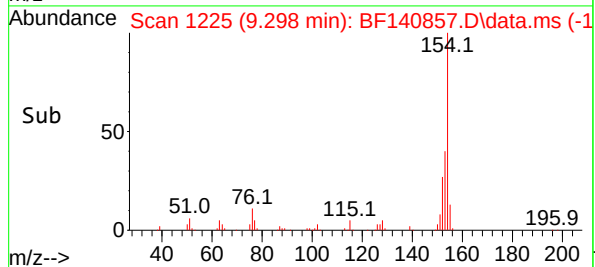
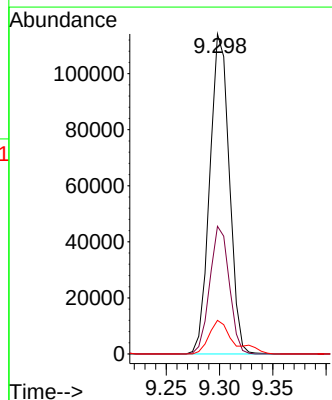
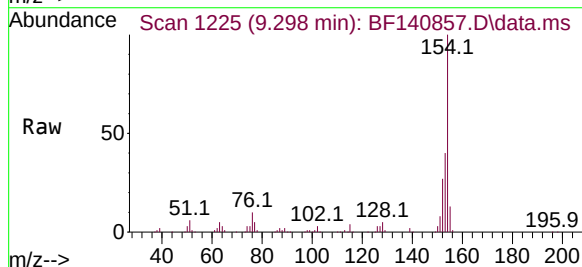
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

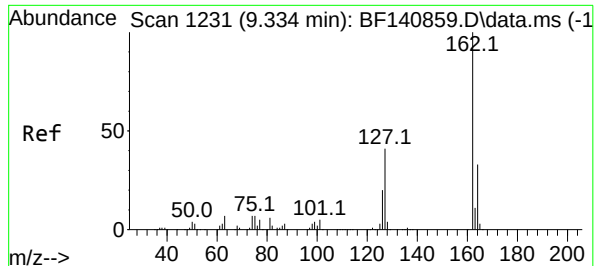
Tgt Ion:172 Resp: 270749
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 22.8 18.6 28.0



#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# 11

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

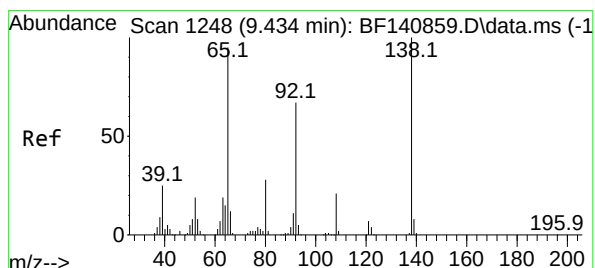
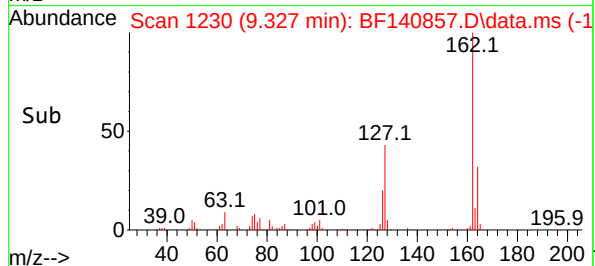
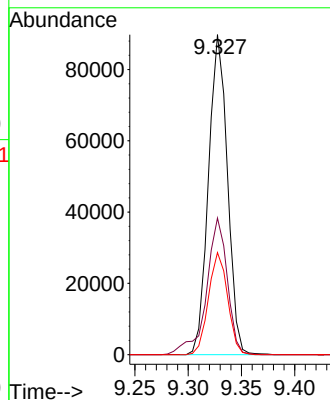
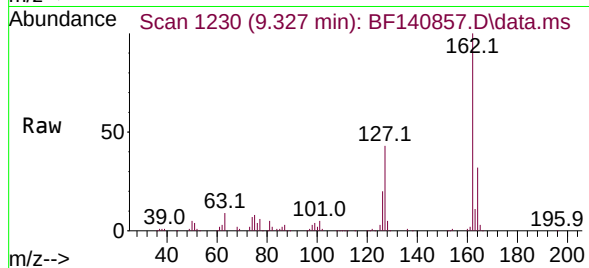
Tgt Ion:162 Resp: 111077

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

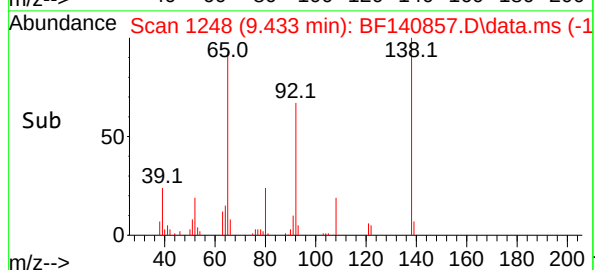
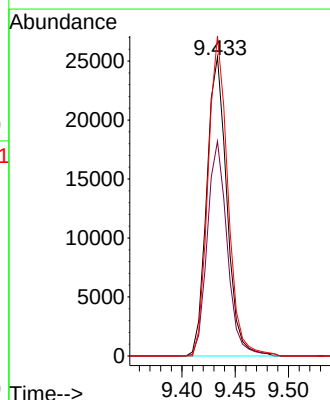
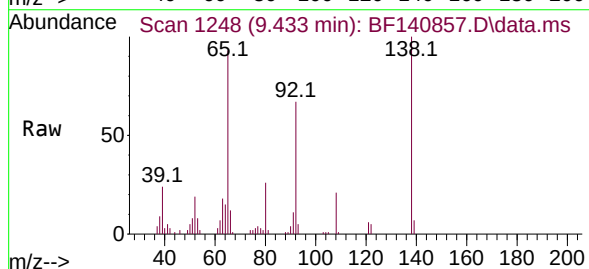
Tgt Ion: 65 Resp: 33225

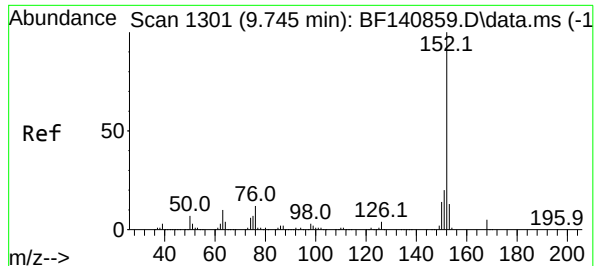
Ion Ratio Lower Upper

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

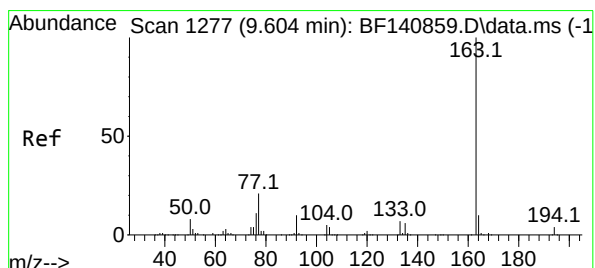
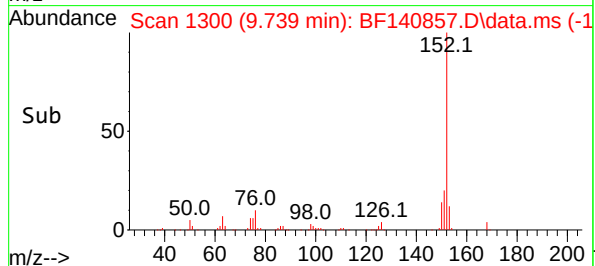
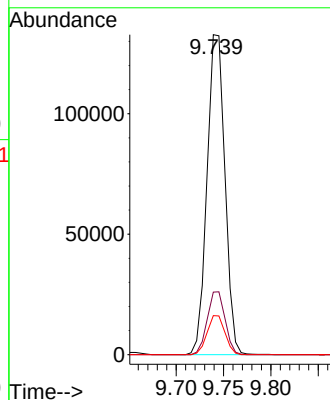
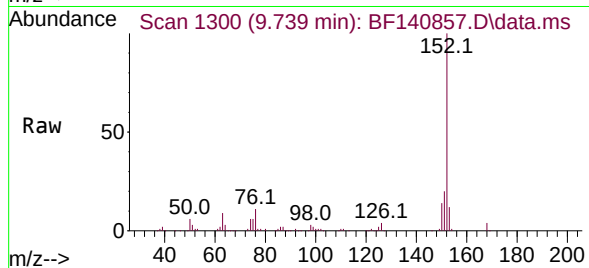
Tgt Ion:152 Resp: 174905

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

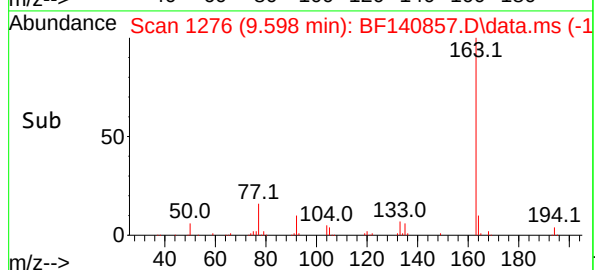
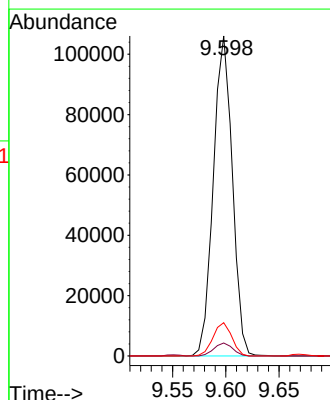
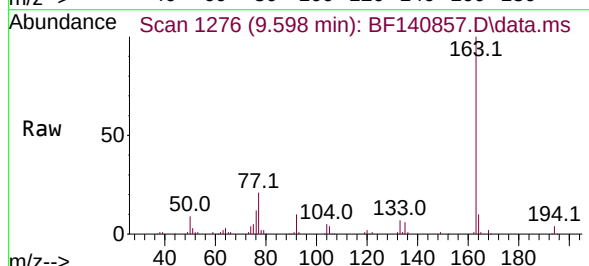
Tgt Ion:163 Resp: 131257

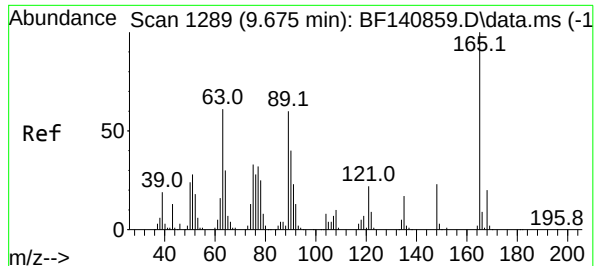
Ion Ratio Lower Upper

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# 1288

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

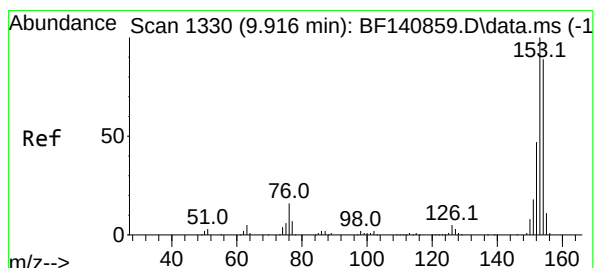
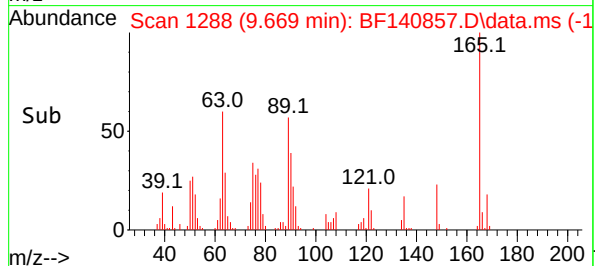
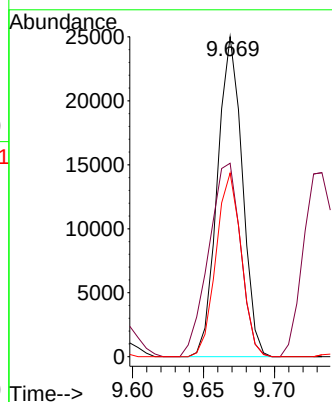
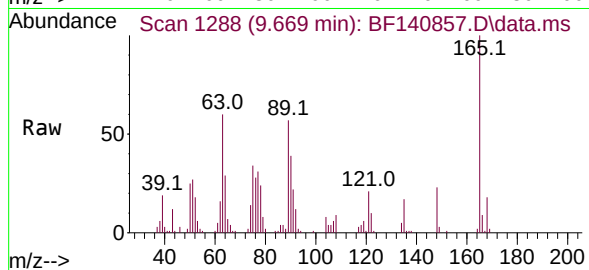
Tgt Ion:165 Resp: 30431

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

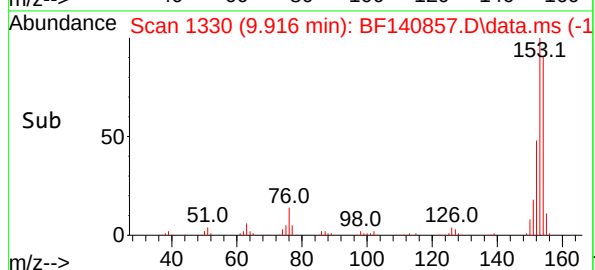
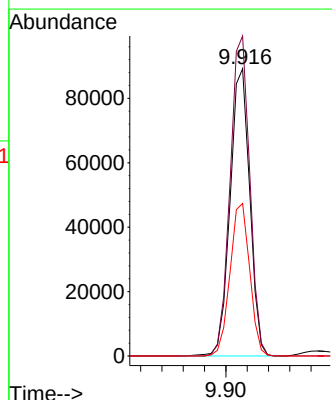
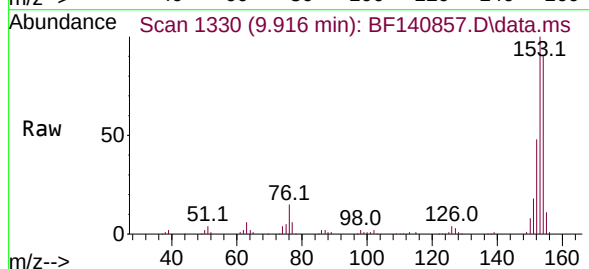
Tgt Ion:154 Resp: 114273

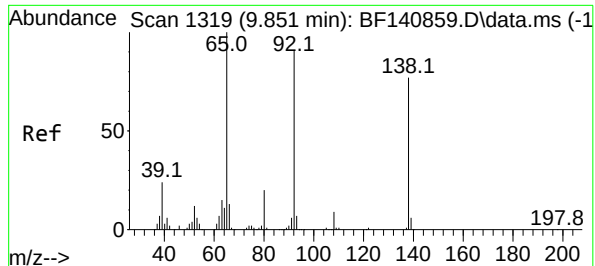
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

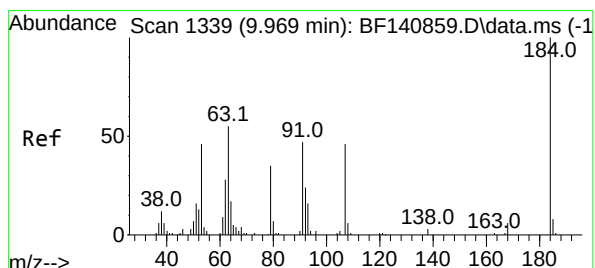
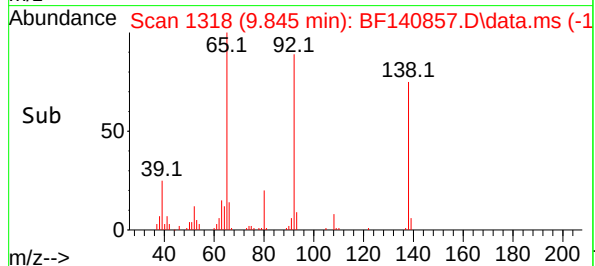
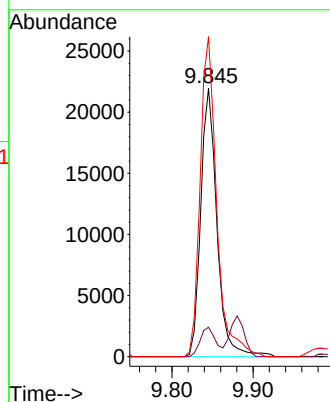
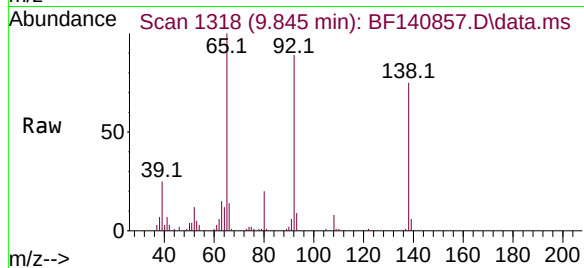
Tgt Ion:138 Resp: 30367

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

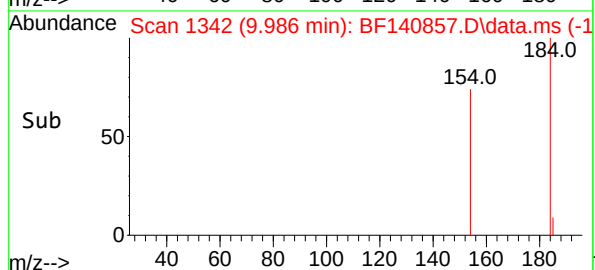
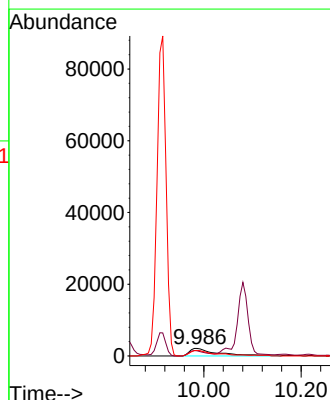
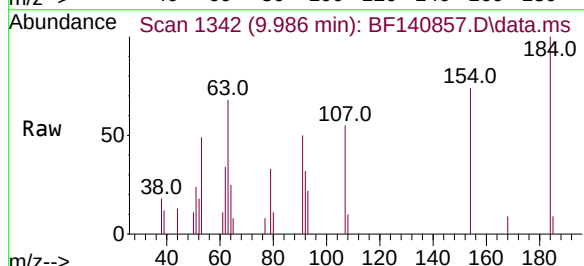
Tgt Ion:184 Resp: 8488

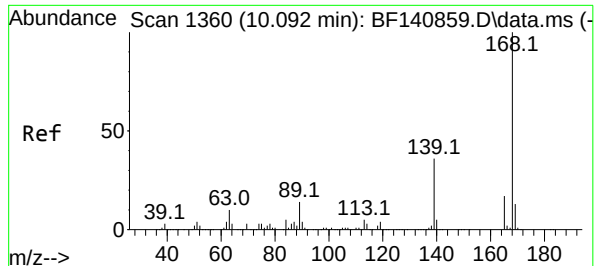
Ion Ratio Lower Upper

184 100

63 67.8 51.6 77.4

154 74.2 56.1 84.1





#55

Dibenzenofuran

Concen: 10.598 ng

RT: 10.086 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

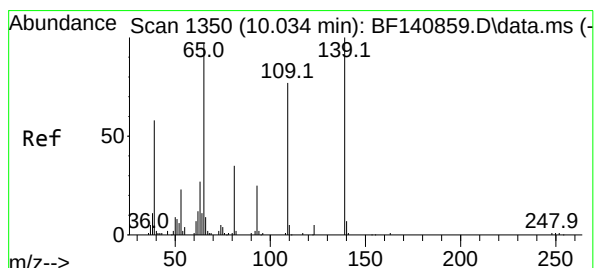
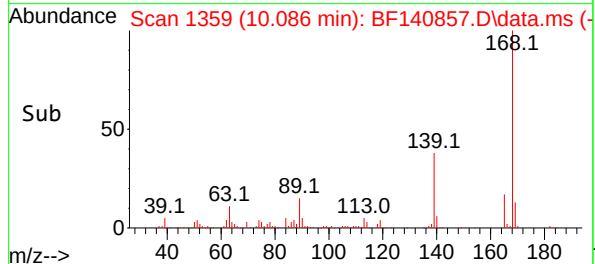
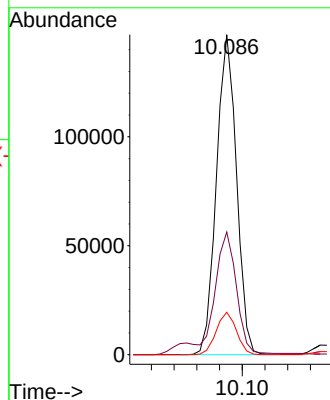
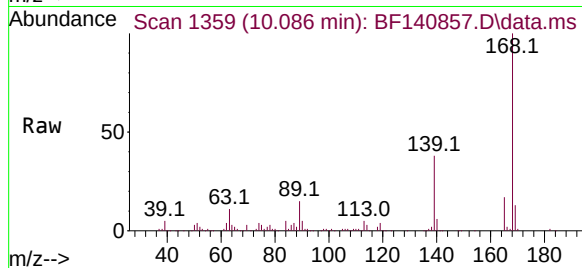
Tgt Ion:168 Resp: 180108

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

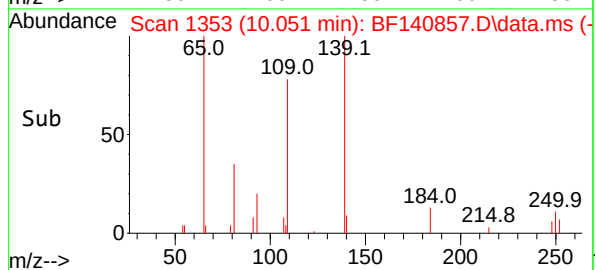
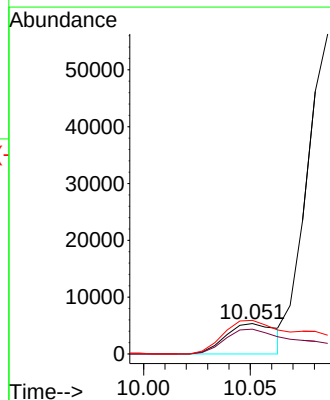
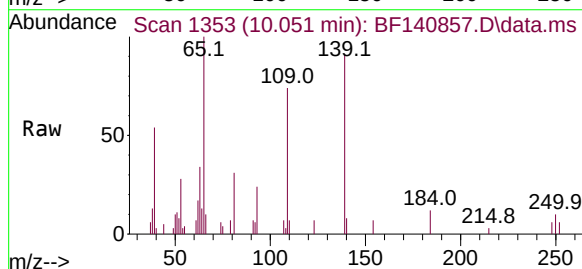
Tgt Ion:139 Resp: 8781

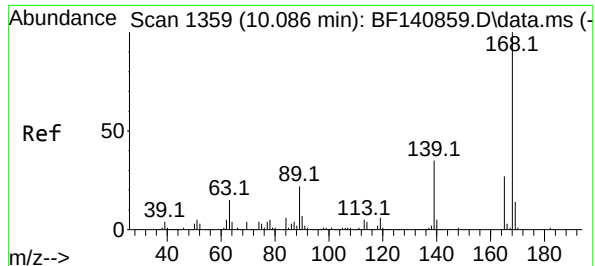
Ion Ratio Lower Upper

139 100

109 81.7 56.7 96.7

65 110.3 78.1 118.1

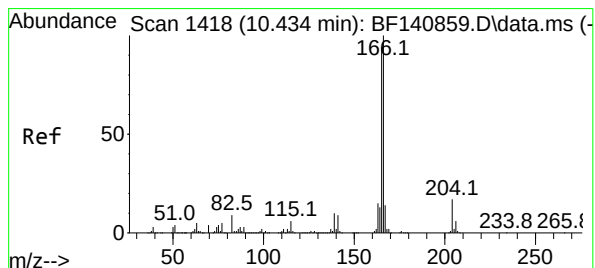
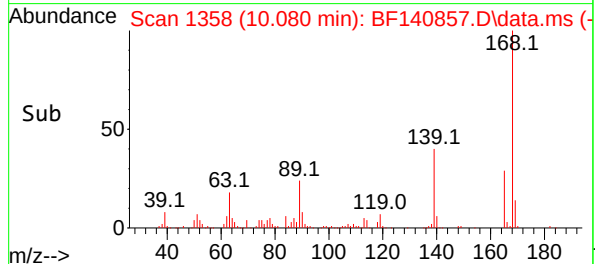
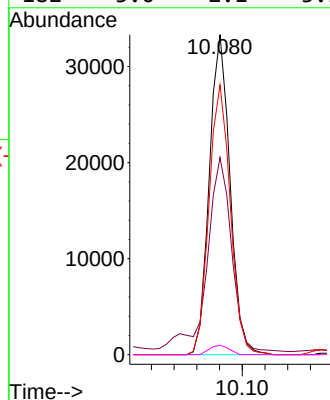
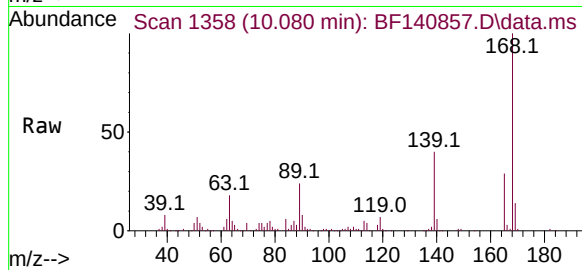




#57
2,4-Dinitrotoluene
Concen: 10.339 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

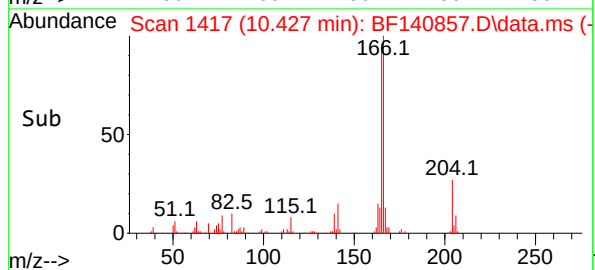
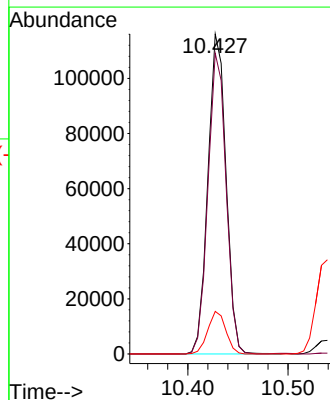
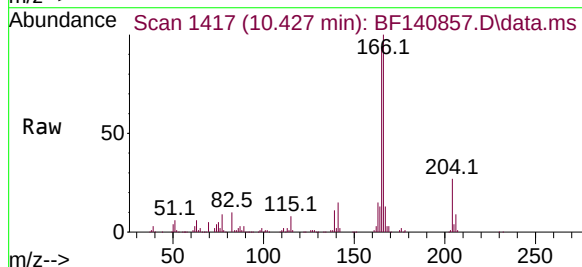
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

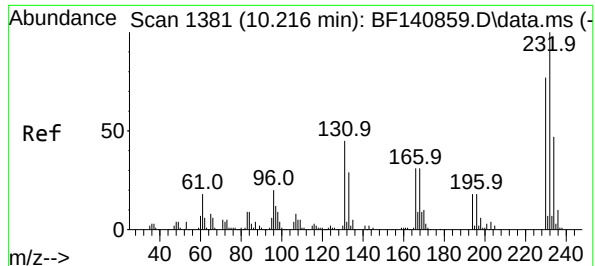
Tgt Ion:165 Resp: 42109
Ion Ratio Lower Upper
165 100
63 61.6 49.3 73.9
89 84.3 66.2 99.4
182 3.0 2.1 3.1



#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

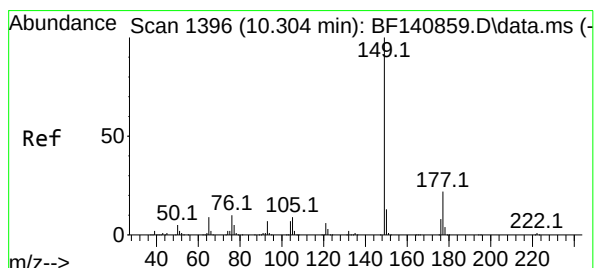
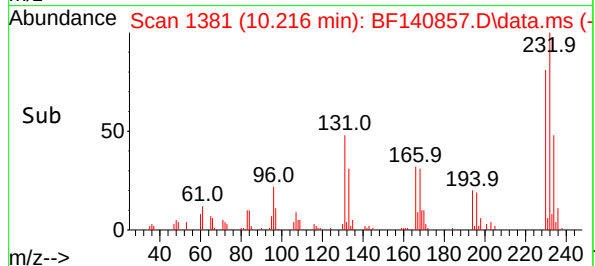
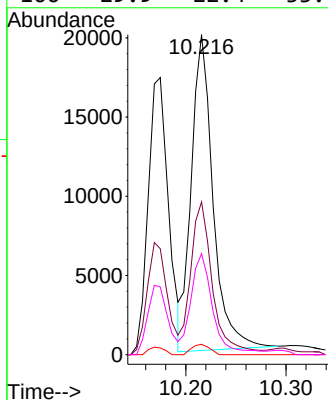
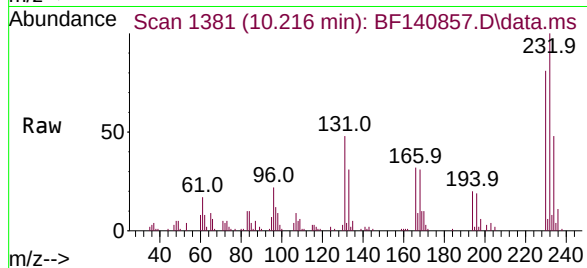




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.251 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

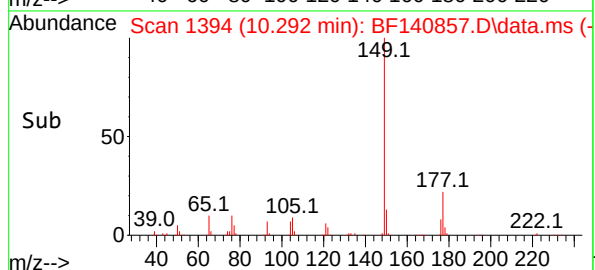
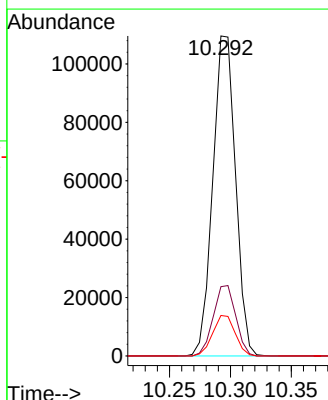
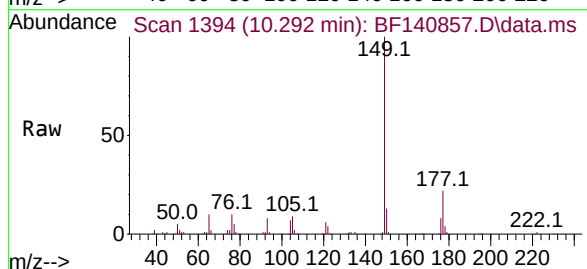
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

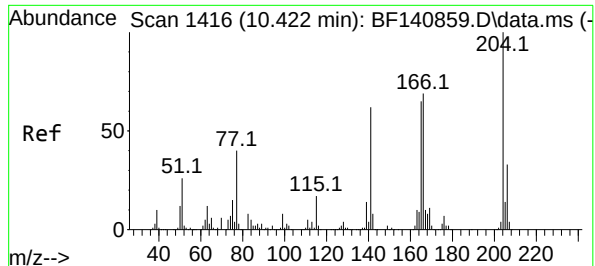
Tgt Ion:232 Resp: 29950
Ion Ratio Lower Upper
232 100
131 48.8 35.1 52.7
130 2.7 1.8 2.8
166 29.9 22.4 33.6



#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

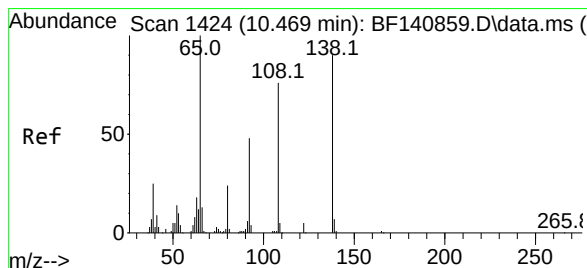
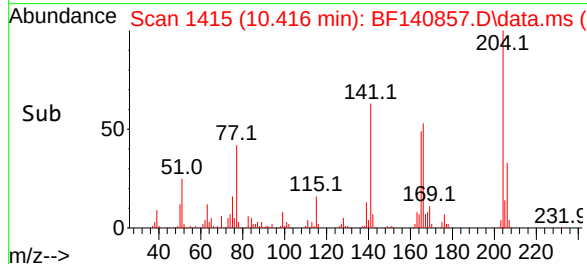
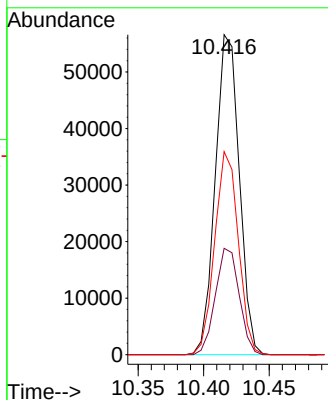
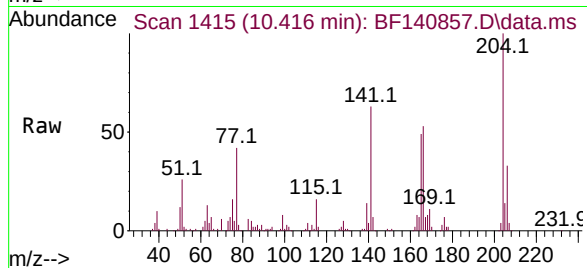




#61
4-Chlorophenyl-phenylether
Concen: 10.224 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

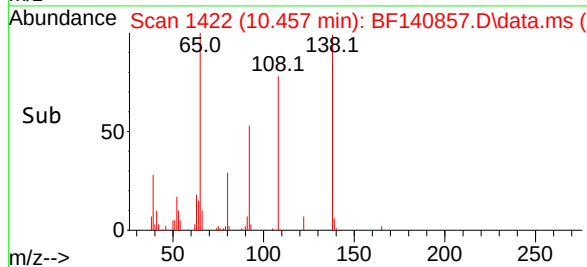
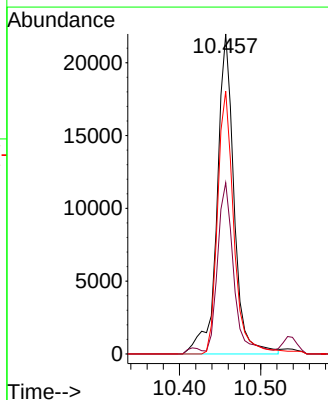
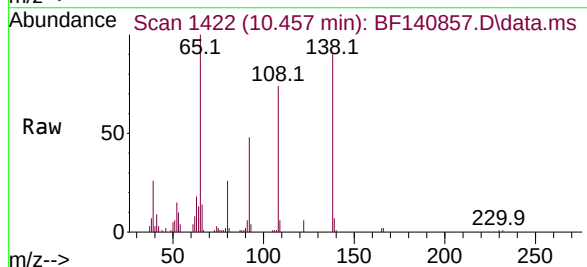
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

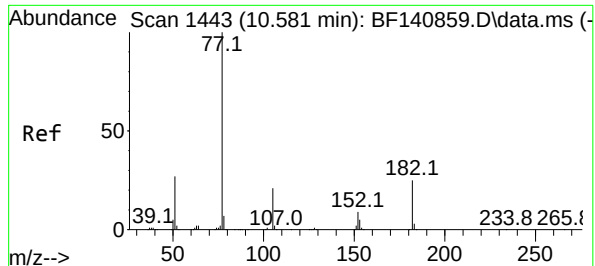
Tgt Ion:204 Resp: 72010
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 63.4 50.0 75.0



#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

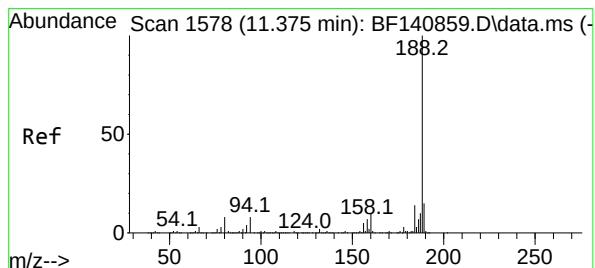
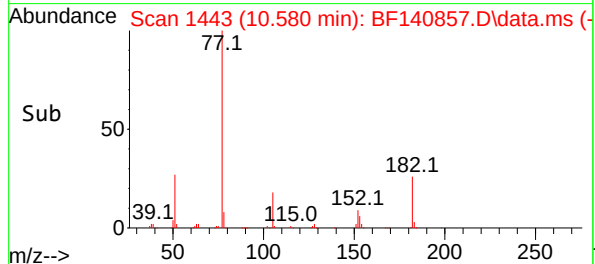
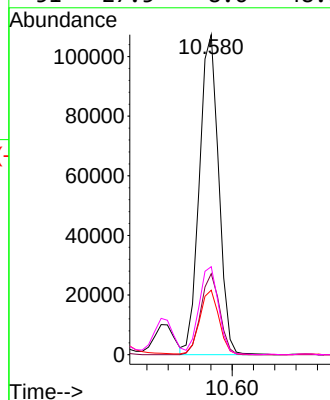
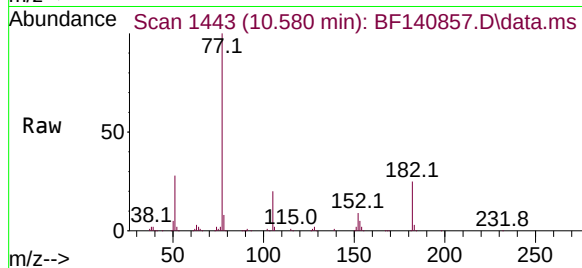




#63
Azobenzene
Concen: 10.267 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

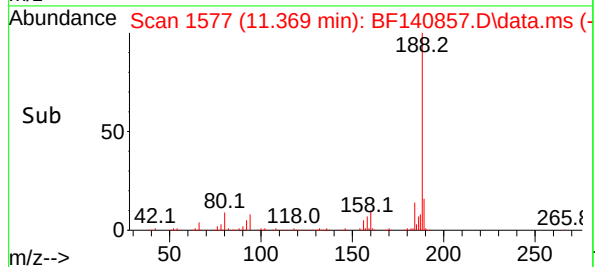
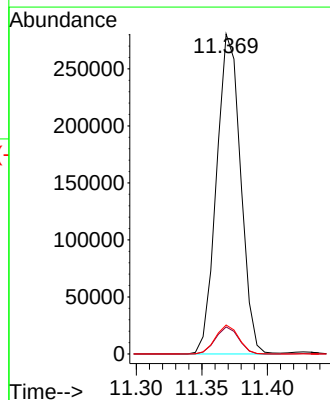
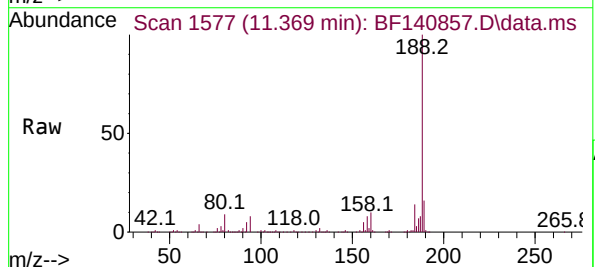
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

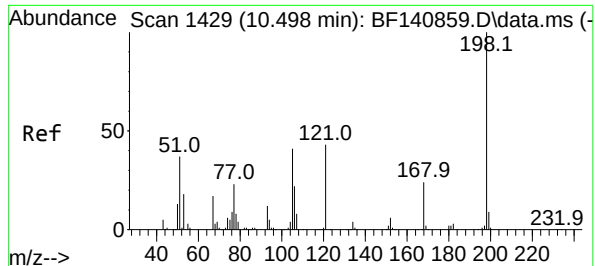
Tgt Ion: 77 Resp: 135524
Ion Ratio Lower Upper
77 100
182 25.3 4.5 44.5
105 20.1 0.9 40.9
51 27.5 8.6 48.6



#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

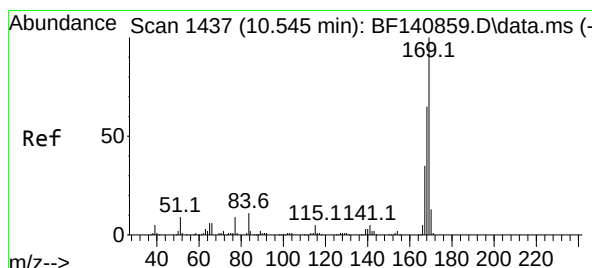
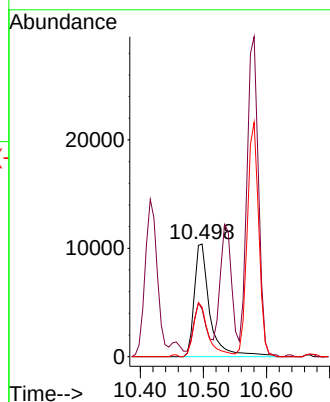
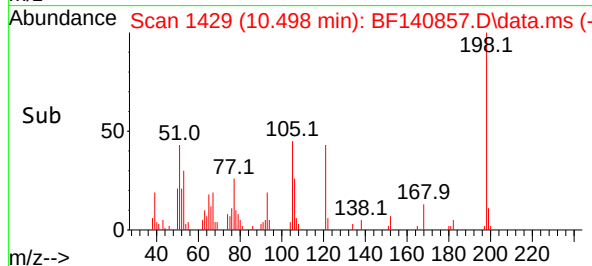
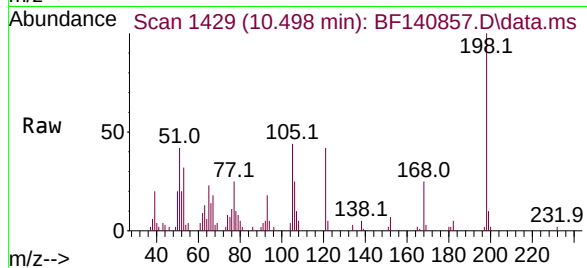




#65
4,6-Dinitro-2-methylphenol
Concen: 8.752 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

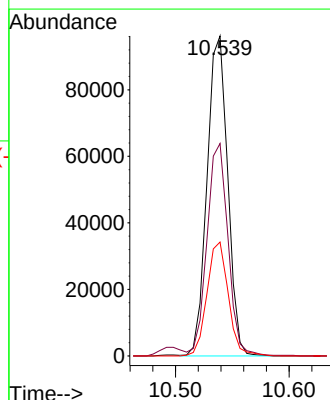
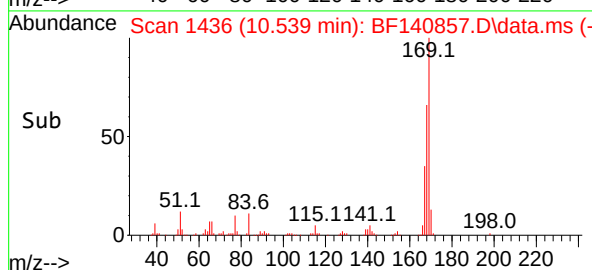
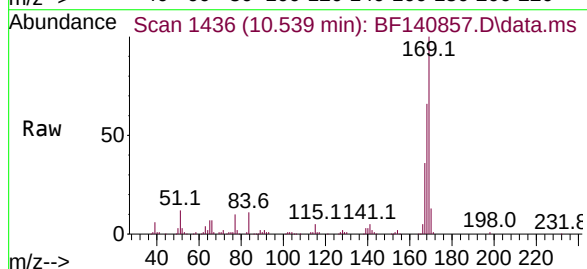
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

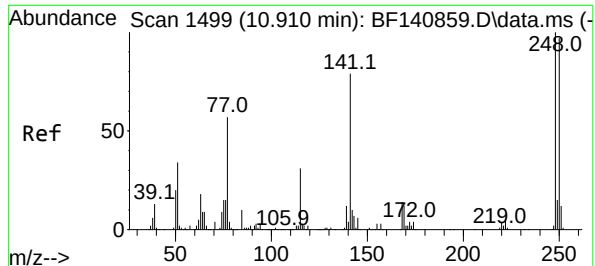
Tgt Ion:198 Resp: 17756
Ion Ratio Lower Upper
198 100
51 42.2 24.4 64.4
105 43.9 22.1 62.1



#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

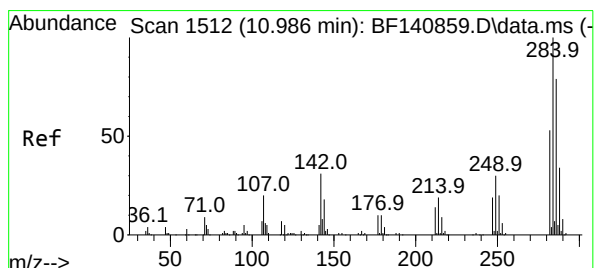
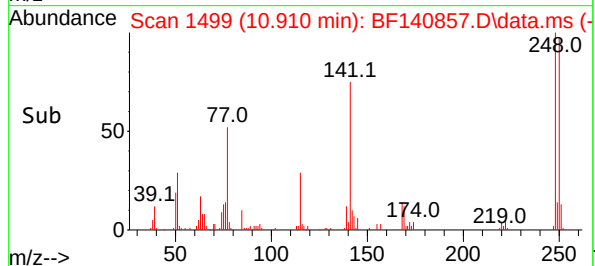
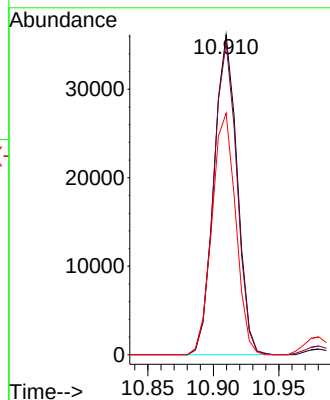
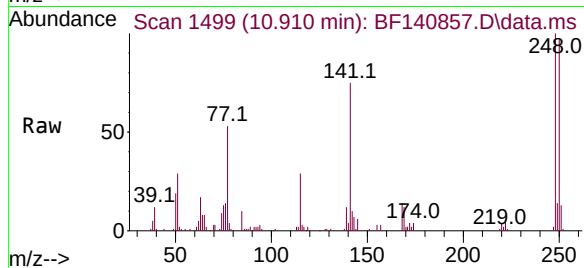




#67
4-Bromophenyl-phenylether
Concen: 11.082 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

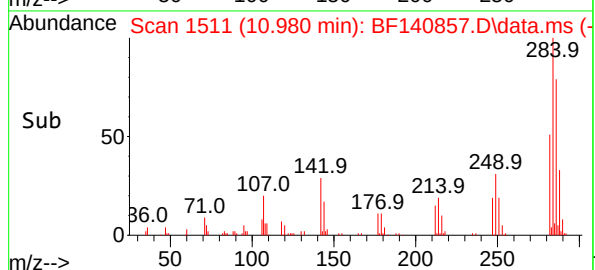
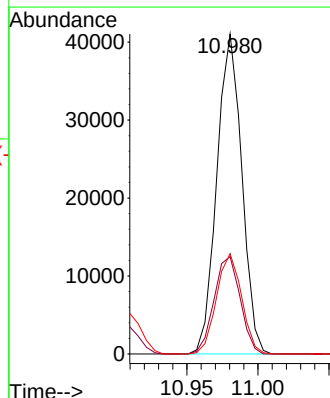
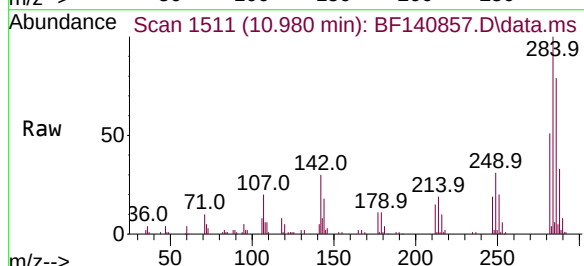
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

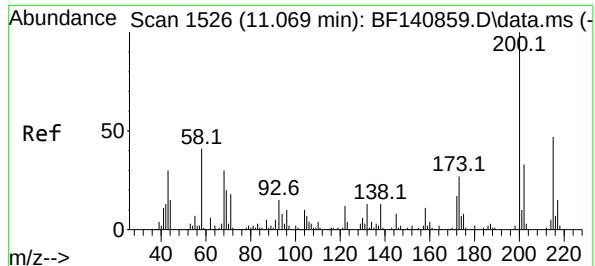
Tgt Ion:248 Resp: 44385
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 75.5 62.9 94.3



#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# 1525

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

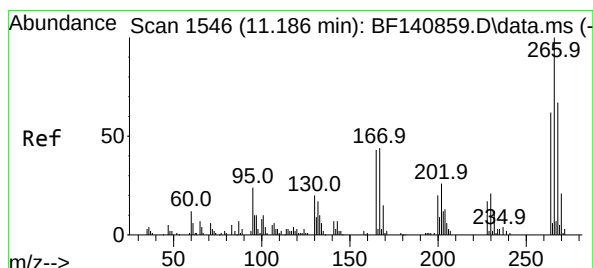
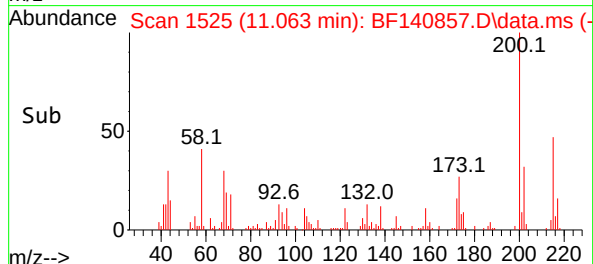
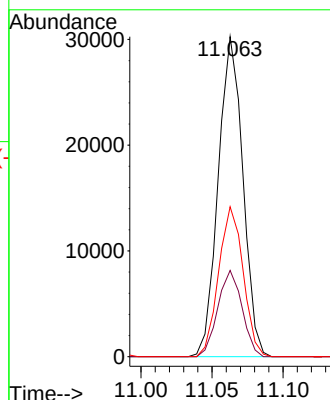
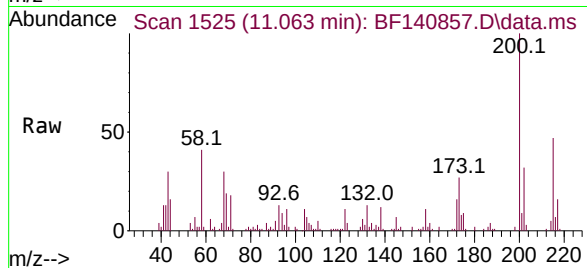
Tgt Ion:200 Resp: 36472

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

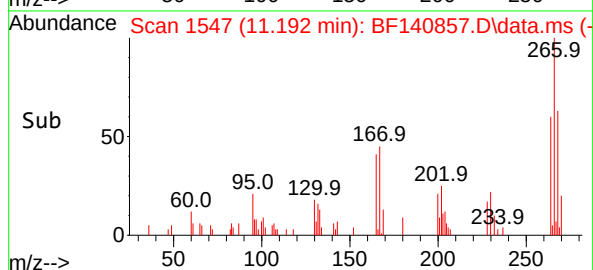
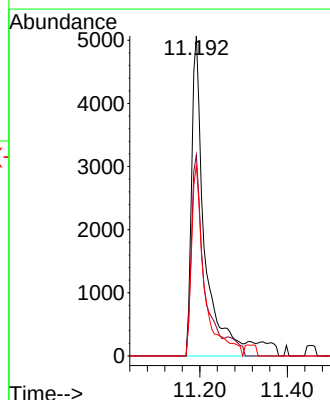
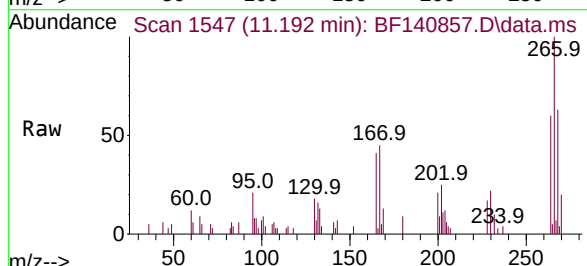
Tgt Ion:266 Resp: 11171

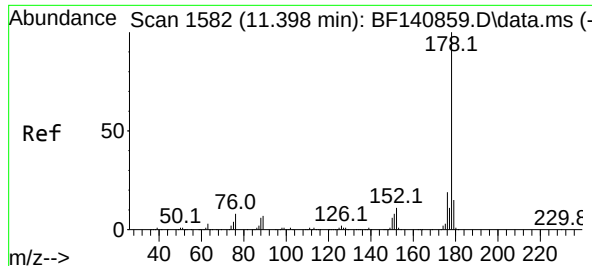
Ion Ratio Lower Upper

266 100

268 62.8 54.0 81.0

264 59.7 49.4 74.2

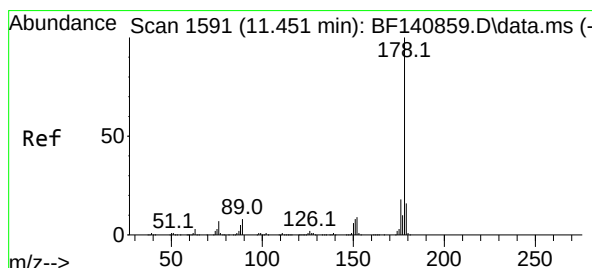
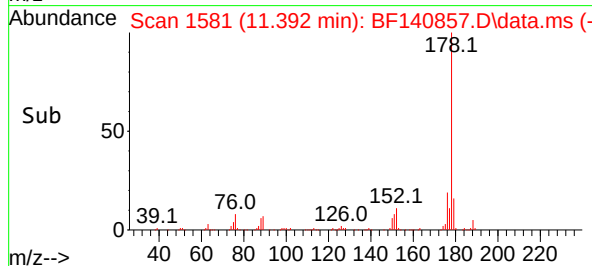
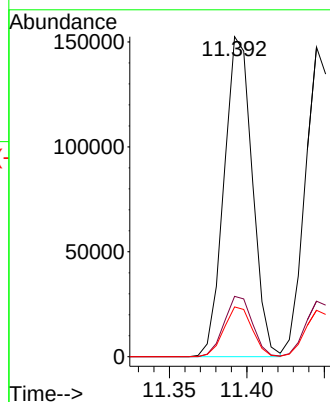
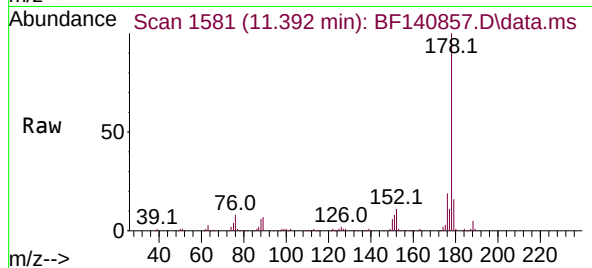




#71
Phenanthrene
Concen: 10.510 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

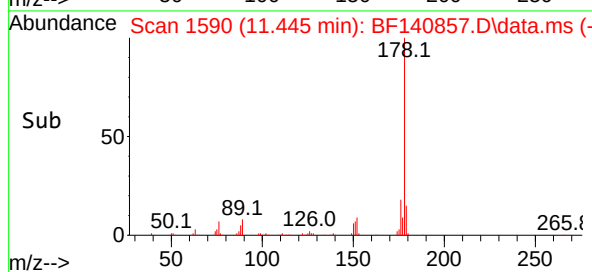
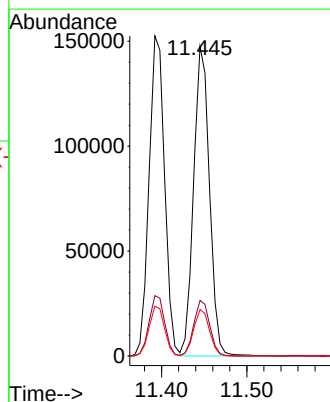
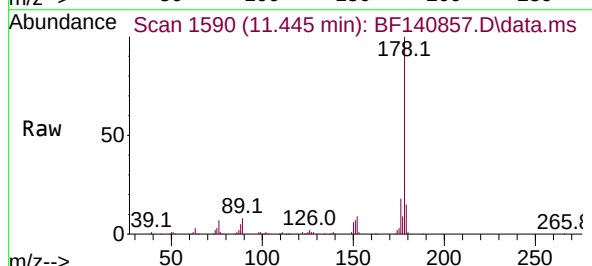
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

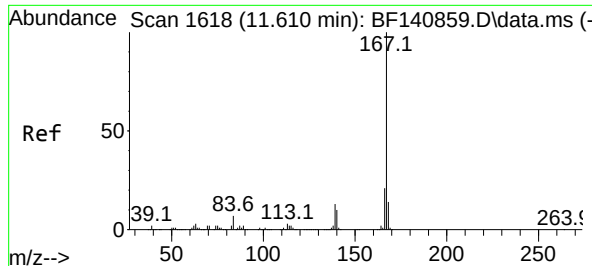
Tgt Ion:178 Resp: 193504
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.1 18.1



#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

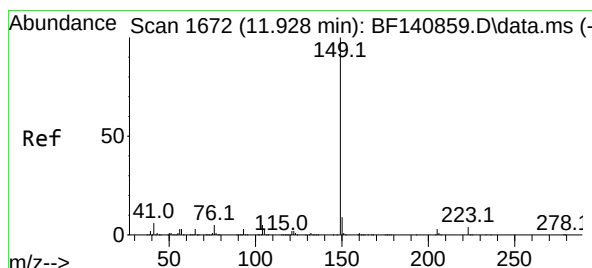
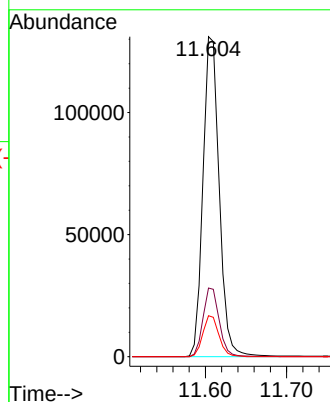
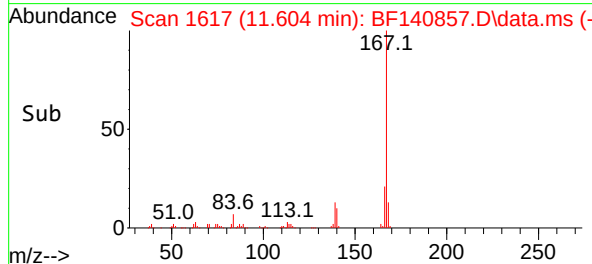
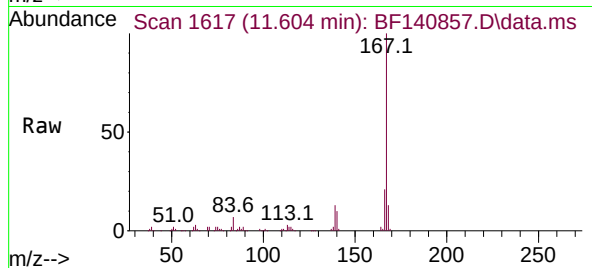




#73
Carbazole
Concen: 10.259 ng
RT: 11.604 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

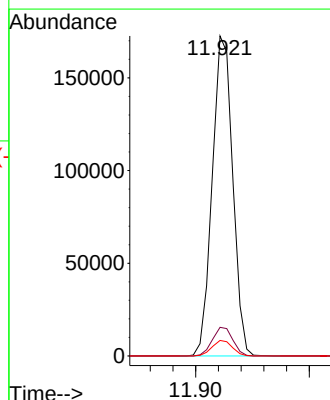
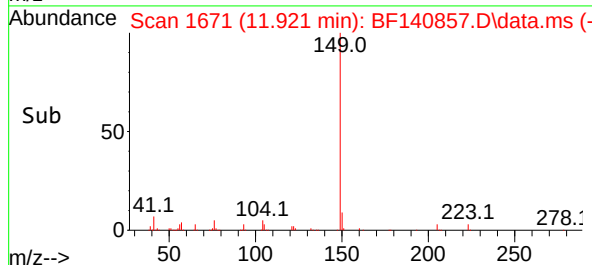
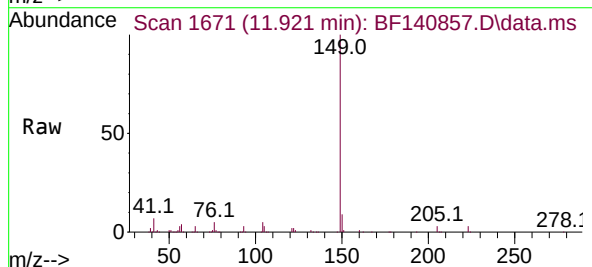
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

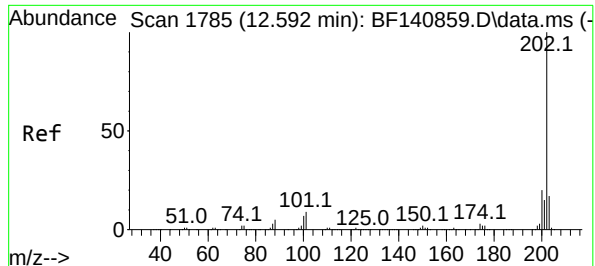
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.8	10.2	15.2



#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	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.9	3.8	5.8

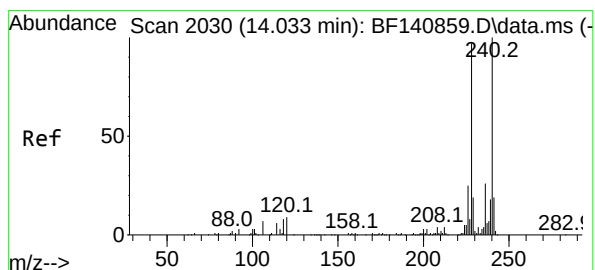
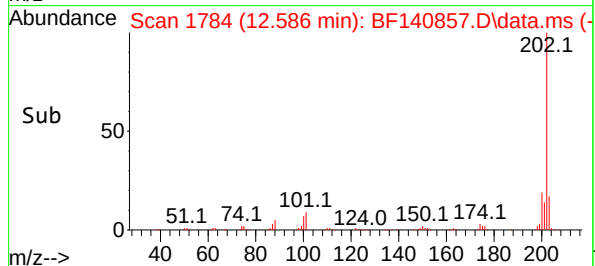
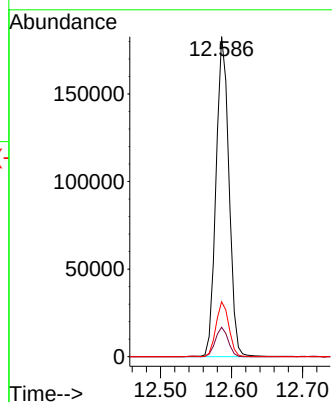
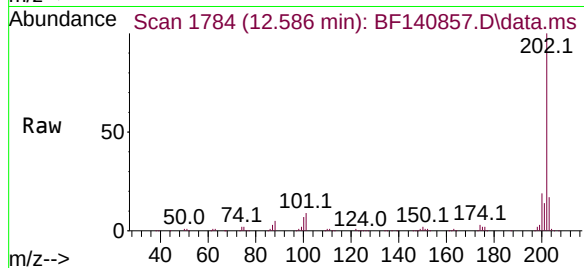




#75
Fluoranthene
Concen: 10.896 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

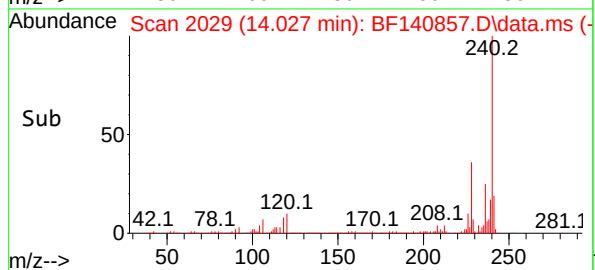
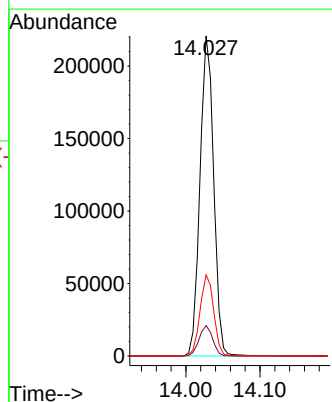
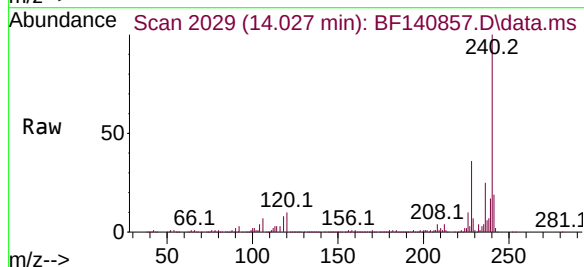
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

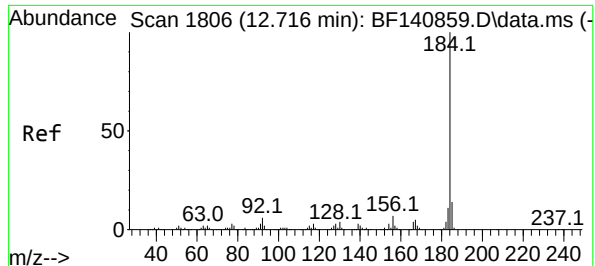
Tgt Ion:202 Resp: 231038
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.3
203 17.1 0.0 37.4



#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

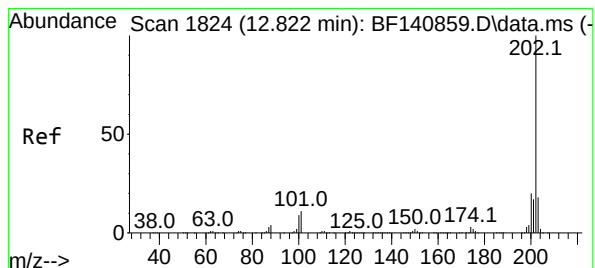
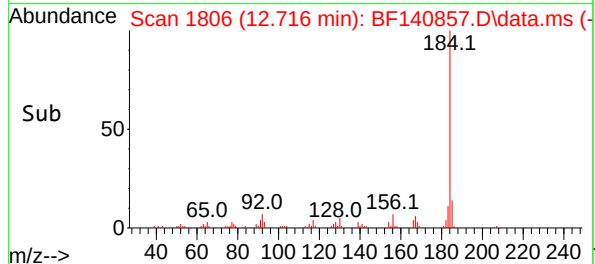
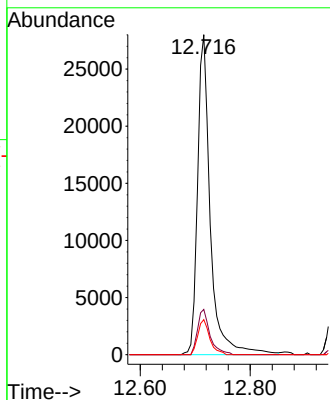
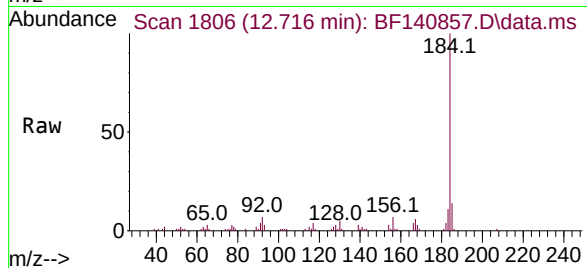




#77
Benzidine
Concen: 7.818 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

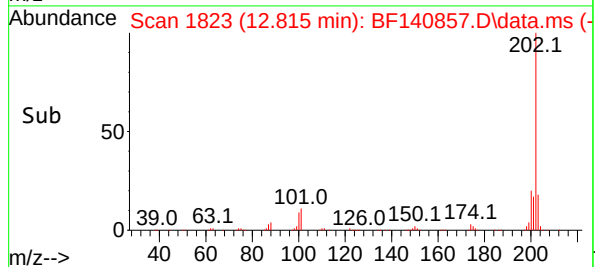
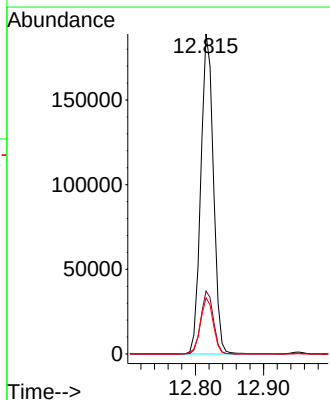
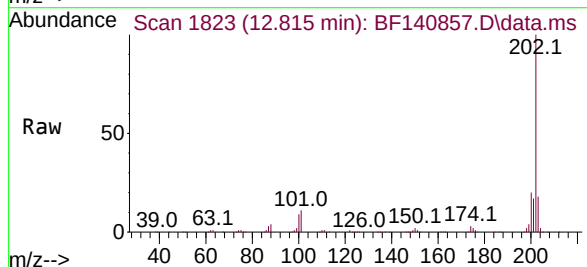
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

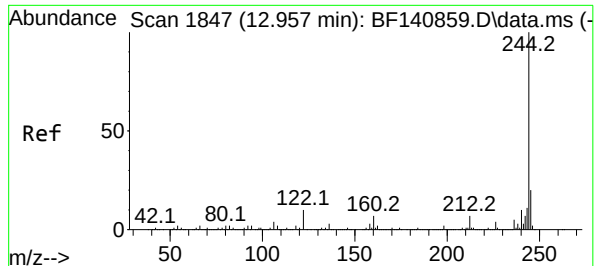
Tgt Ion:184 Resp: 45074
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 11.0 9.0 13.4



#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# 1846

Delta R.T. -0.006 min

Lab File: BF140857.D

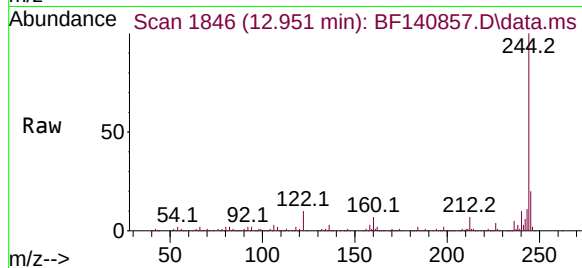
Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



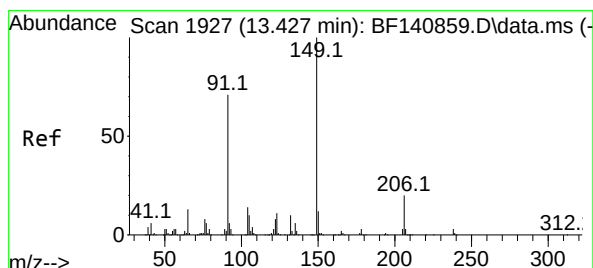
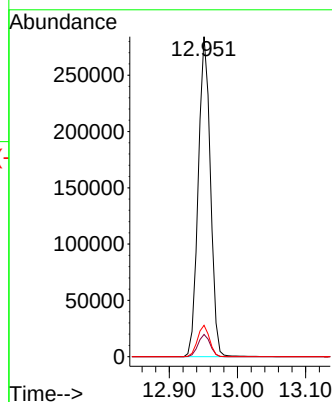
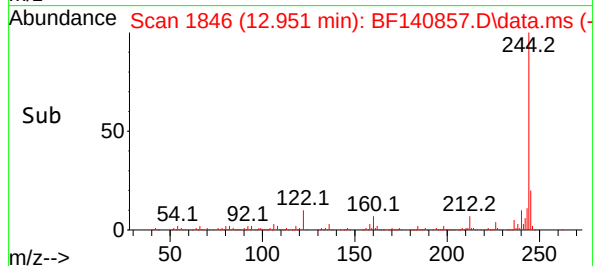
Tgt Ion:244 Resp: 352398

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

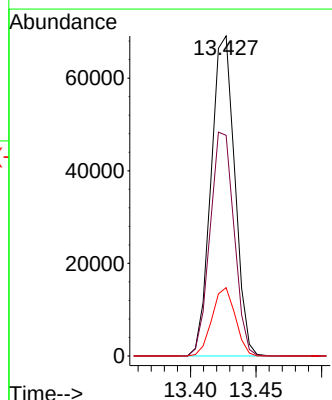
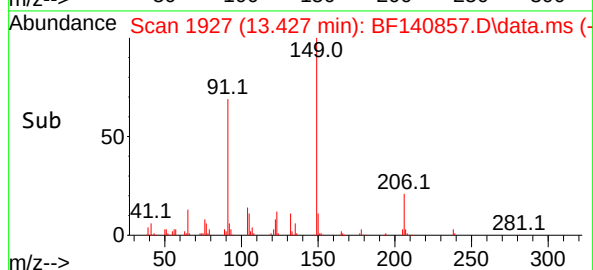
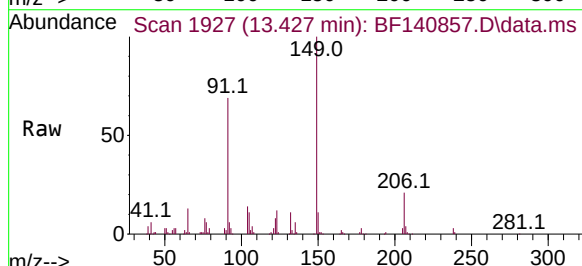
Tgt Ion:149 Resp: 86987

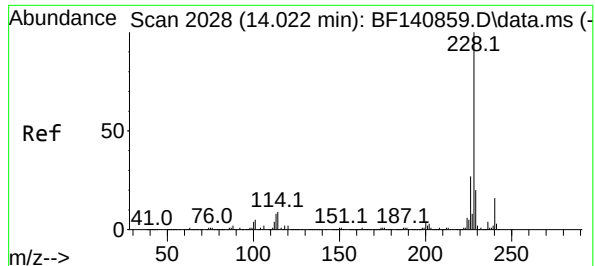
Ion Ratio Lower Upper

149 100

91 69.0 56.7 85.1

206 21.4 16.4 24.6

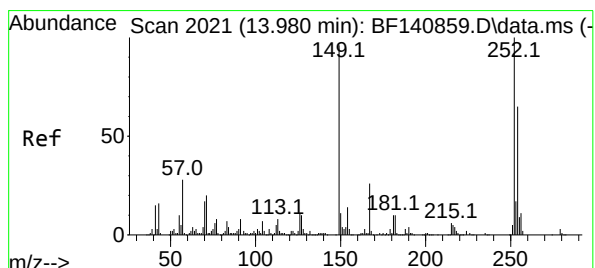
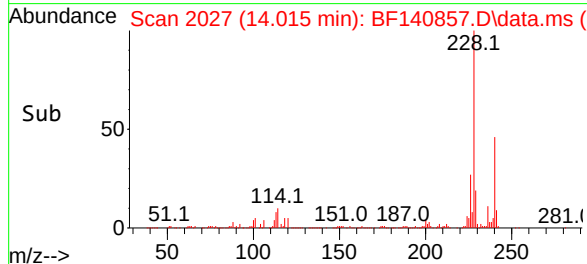
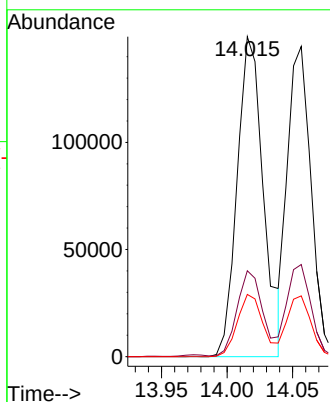
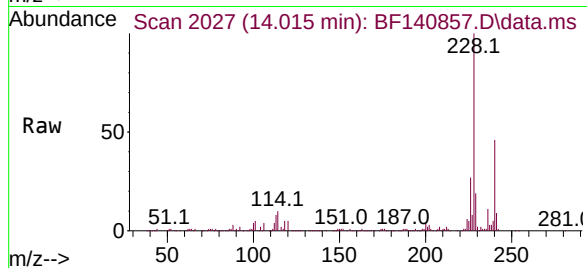




#81
Benzo(a)anthracene
Concen: 10.395 ng
RT: 14.015 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

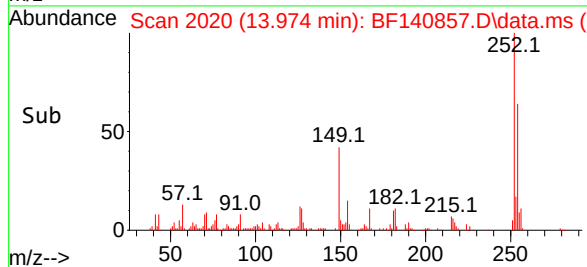
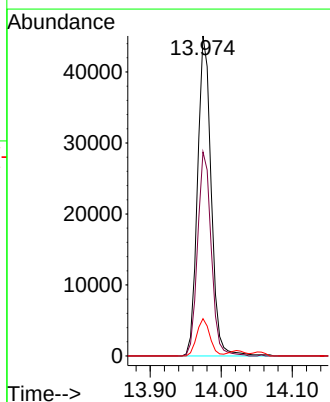
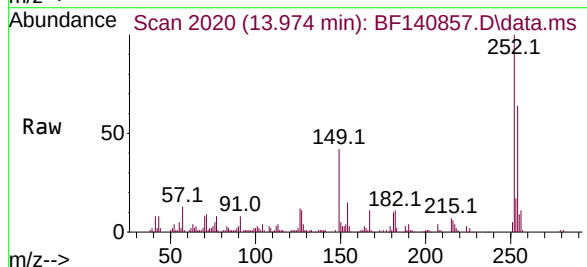
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

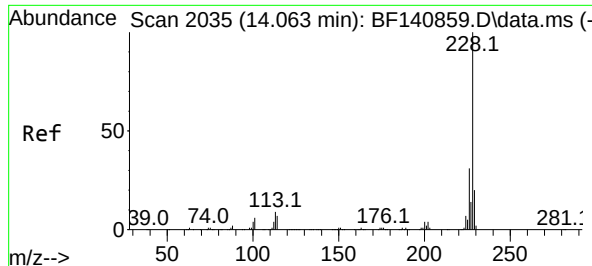
Tgt Ion:228 Resp: 208127
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.5 15.8 23.8



#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# 2034

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

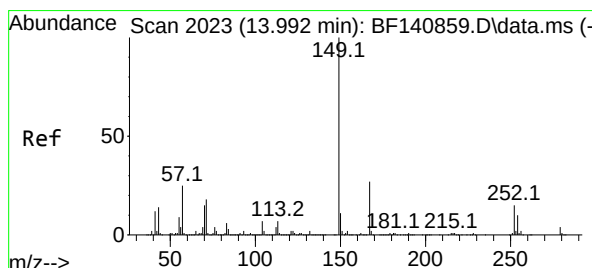
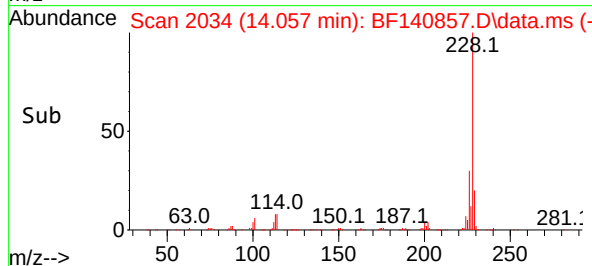
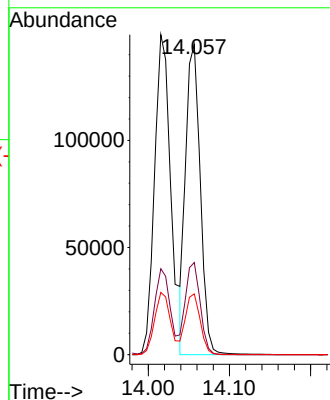
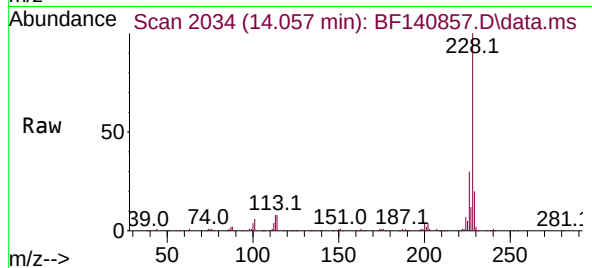
Tgt Ion:228 Resp: 181387

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

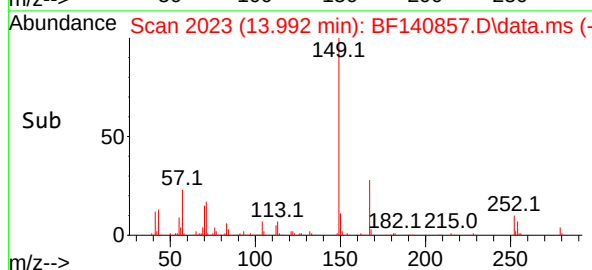
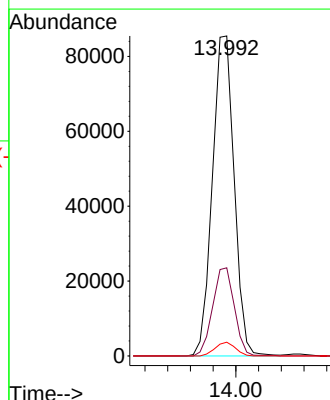
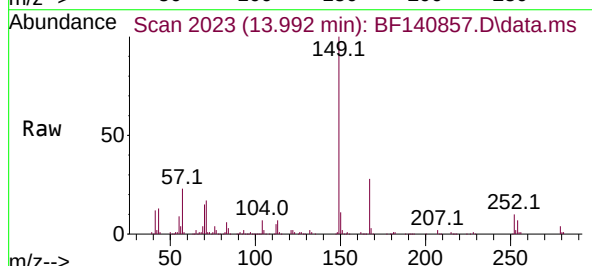
Tgt Ion:149 Resp: 113963

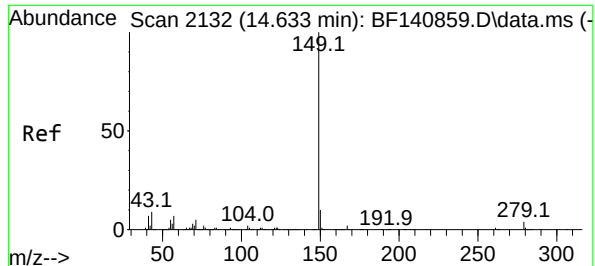
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

279 4.3 3.5 5.3

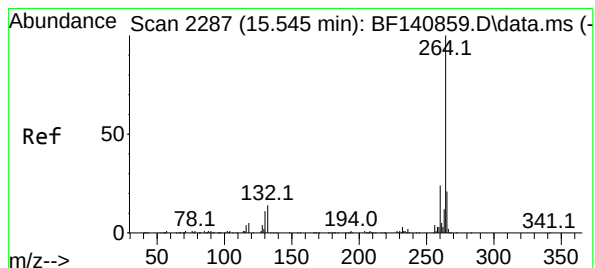
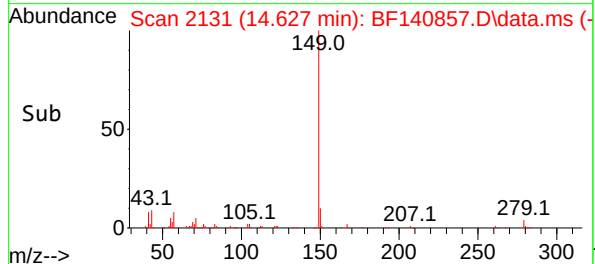
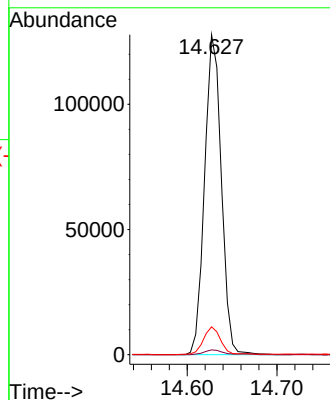
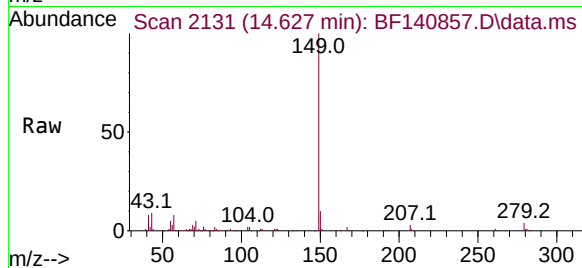




#85
Di-n-octyl phthalate
Concen: 9.161 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

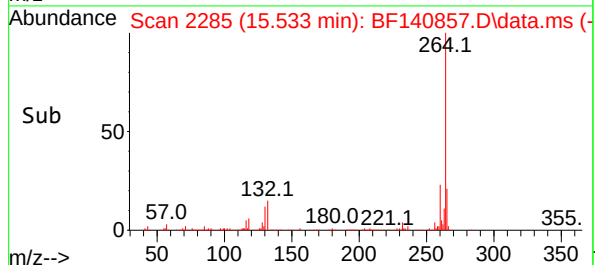
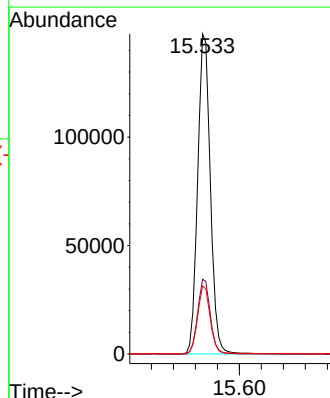
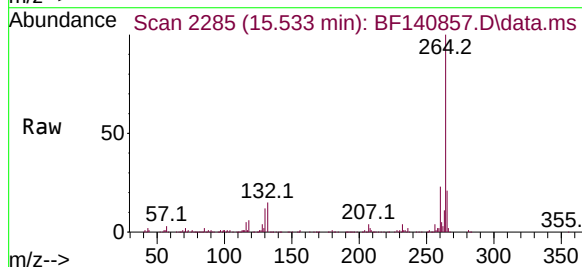
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

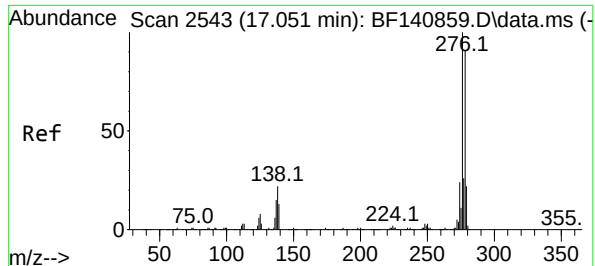
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.0	10.6



#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	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.3	17.0	25.4

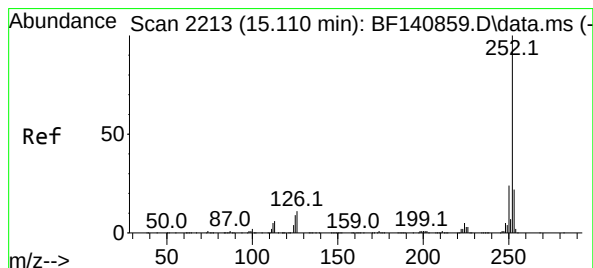
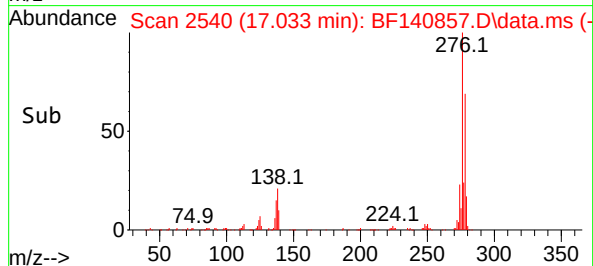
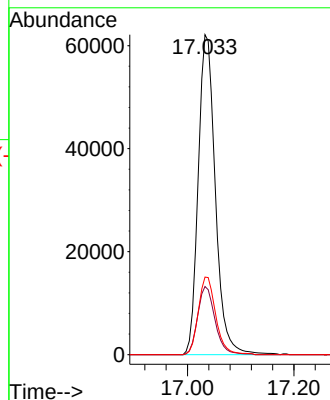
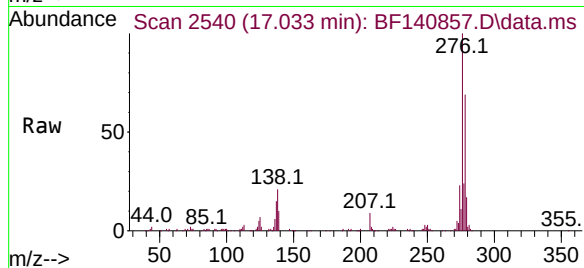




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.405 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

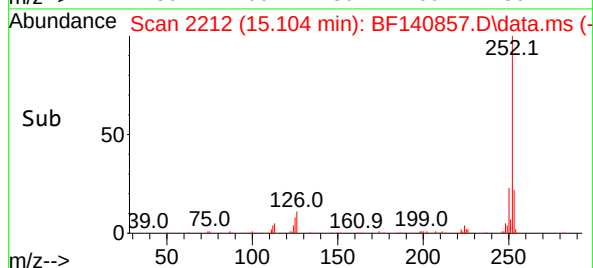
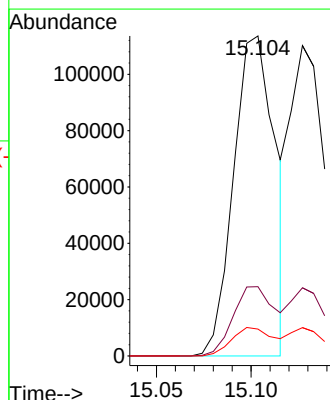
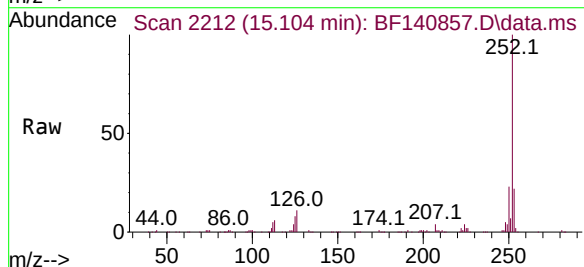
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

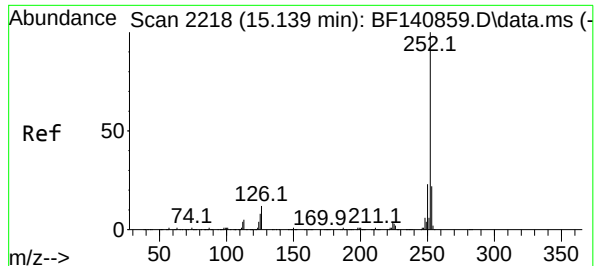
Tgt Ion:276 Resp: 138792
Ion Ratio Lower Upper
276 100
138 21.6 16.9 25.3
277 24.7 20.2 30.4



#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# 21

Delta R.T. -0.012 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

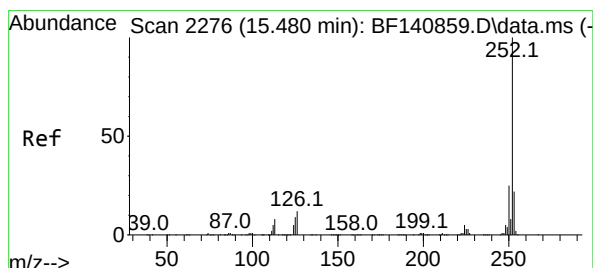
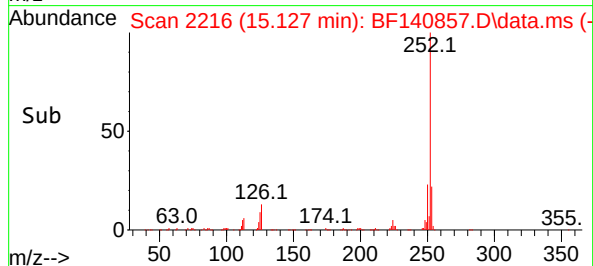
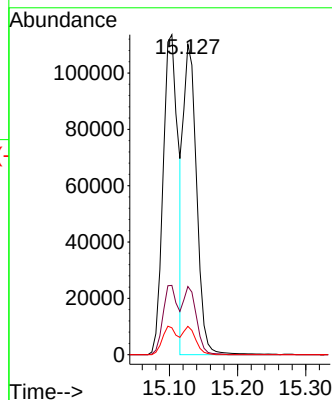
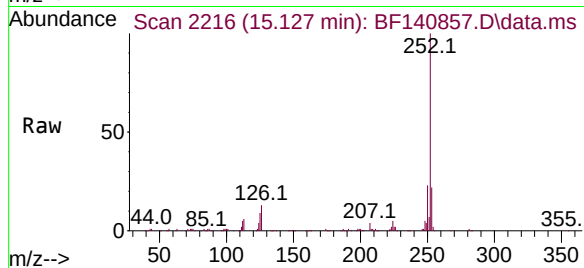
Tgt Ion:252 Resp: 147840

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

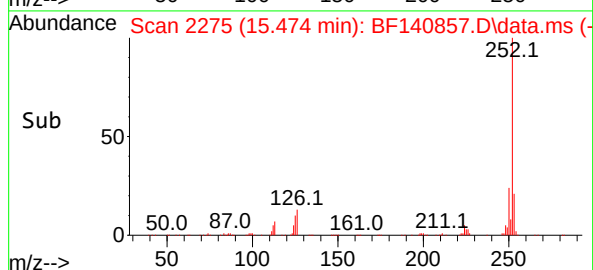
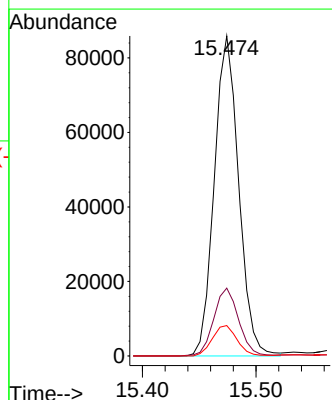
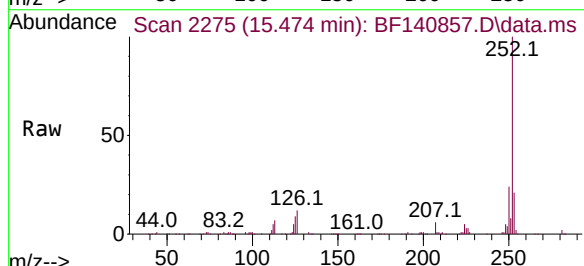
Tgt Ion:252 Resp: 128194

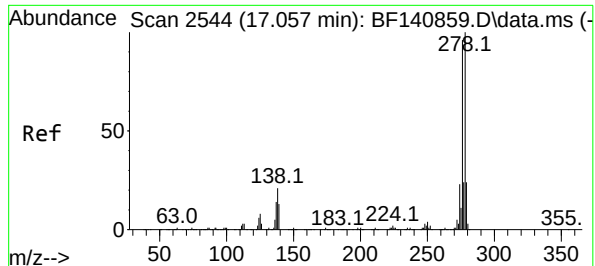
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.018 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

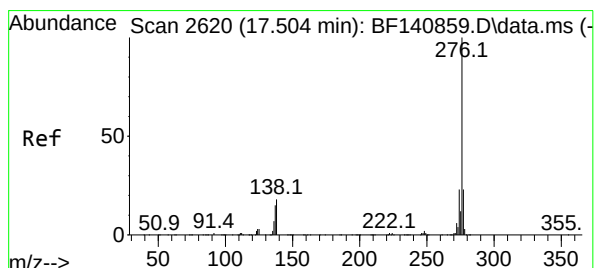
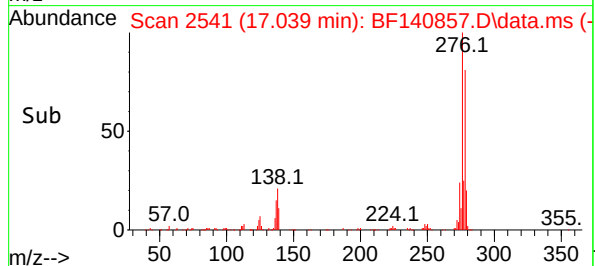
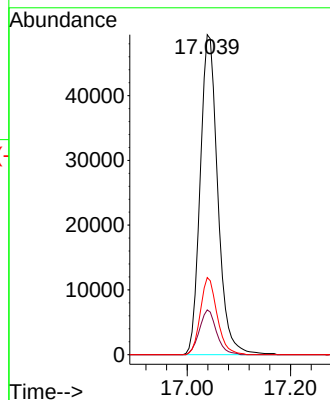
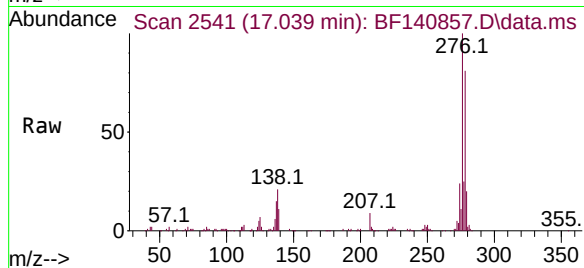
Tgt Ion:278 Resp: 116533

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

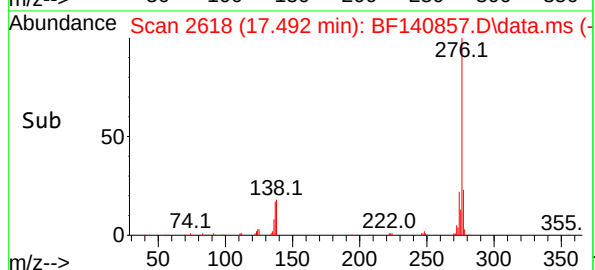
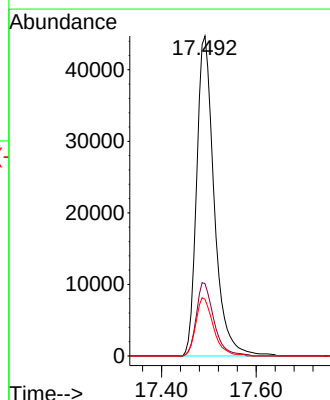
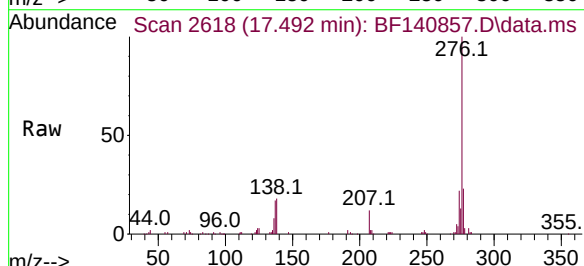
Tgt Ion:276 Resp: 114976

Ion Ratio Lower Upper

276 100

277 22.6 18.7 28.1

138 17.7 14.2 21.2



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

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

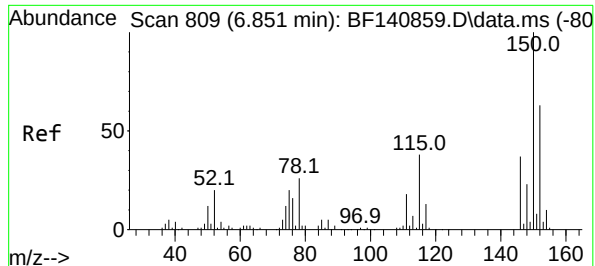
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	65450	20.600	ng	99
46) 1,1'-Biphenyl	9.304	154	251662	20.606	ng	98
47) 2-Chloronaphthalene	9.328	162	192611	20.615	ng	98
48) 2-Nitroaniline	9.434	65	57140	20.250	ng	99
49) Acenaphthylene	9.745	152	288710	21.027	ng	99
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

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

TIC: BF140858.D\data.ms

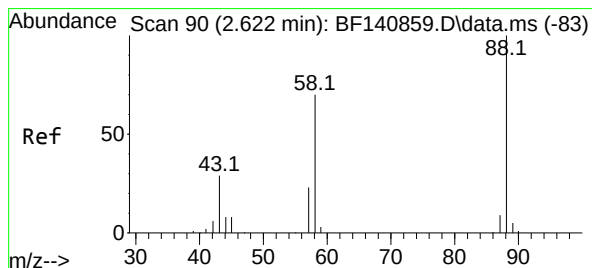
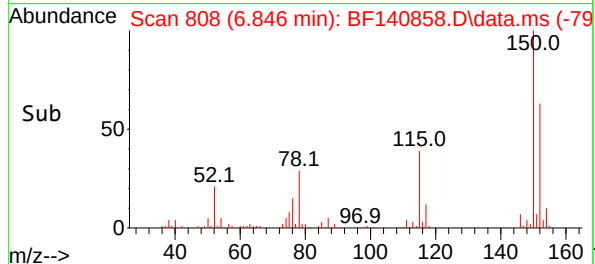
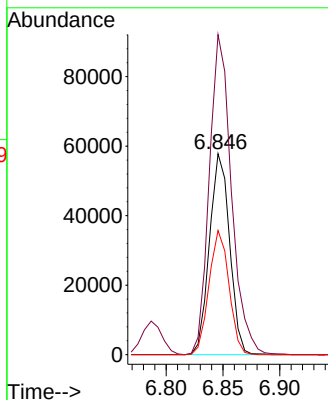
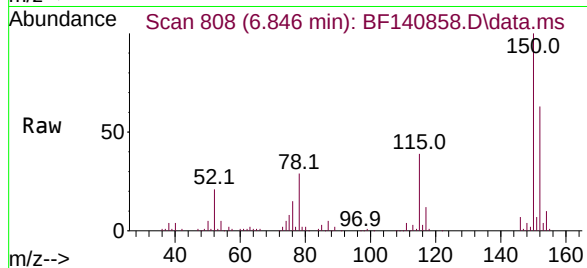
Approximate Retention Time (min)	Labeled Compound(s)
2.5	1,4-Dioxane
3.5	n-Nonylamine
5.5	2-Fluorophenol, S
6.5	Benzaldehyde, Bis(2-chloroethyl) ether, Phenol-d6, S
7.0	1,2,3-Trichlorobenzene, 2,2'-oxybis(1-chloroethanol), Chlorobenzene, Benzyl Alcohol
7.5	Nitrobenzene, 3,4-Methylenedioxy-Nitrobenzene-d5, S
8.0	Hexachlorocyclopentadiene, Isodiolone, 2-Nitrophenol, Chlorobenzene, Benzoic acid, 2,3-Dichlorophenol, Trichloroethylene, Hexachlorobutadiene, C
8.5	Caprolactam
9.0	4-Chloro-3-methylphenol, C
9.5	Hexachlorocyclopentadiene, P, 1,2,3,4-Tetrachlorobenzene, 2,4,6-Trichlorophenol, 2-Chloro-3-nitrophenol, 2-Nitroaniline
10.0	3-Nitroaniline, 2,6-Dinitrophenol, Acenaphthylene, Acenaphthene, C
10.5	2,4-Dinitrophenol, 2,4-Dinitrotoluene, furan
11.0	2,3,4,6-Tetrachlorophenol, Diethylphthalate, 2,4-Dinitrophenol, S, 4-Chlorophenyl-phenylether
11.5	Pentachlorophenol, C, Atrazine
12.0	Rhenium pentoxide, Carbazole, Di-n-butylphthalate
12.5	Benzo(d,h,q,r,s,t,u,v,w,x,y,z)-fluorene, Fluoranthene, C
13.0	Pyrene
13.5	Butylbenzylphthalate
14.0	2,2'-Dibromobis[4-(4-tert-butylhexyl)phthalate], 2,2'-Dibromobis[4-(4-tert-butylheptyl)phthalate], Chrysene, Anthracene
14.5	Di-n-octyl phthalate, c
15.0	Benzo(b,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z)-fluorene
15.5	Perylene, Perylene, C
17.0	Dibenz(a,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z)-fluorene
17.5	Benzo(g,h,i)perylene
18.0	Terphenyl-d4, S



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

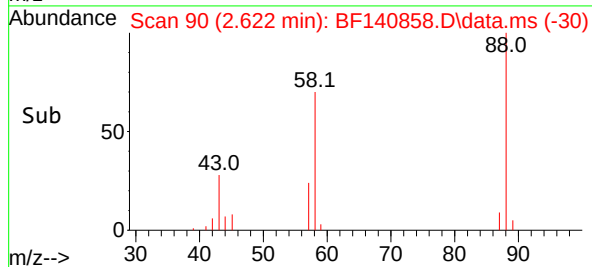
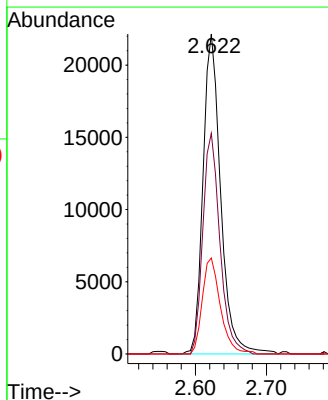
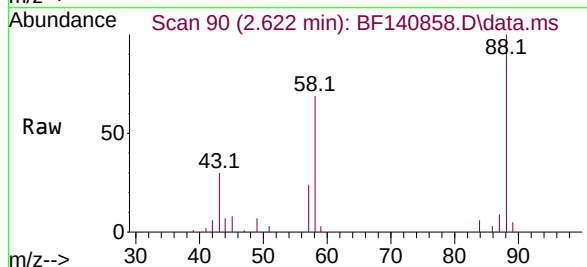
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

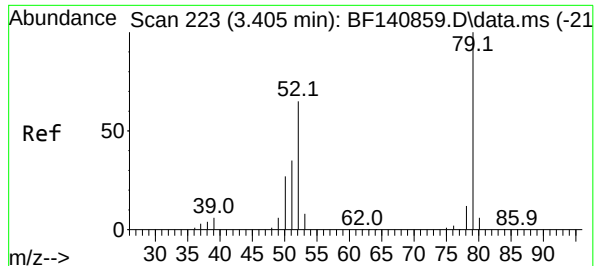
Tgt Ion:152 Resp: 71395
Ion Ratio Lower Upper
152 100
150 159.2 127.9 191.9
115 61.8 48.0 72.0



#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# 21

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

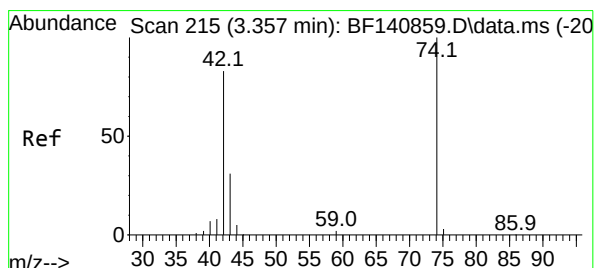
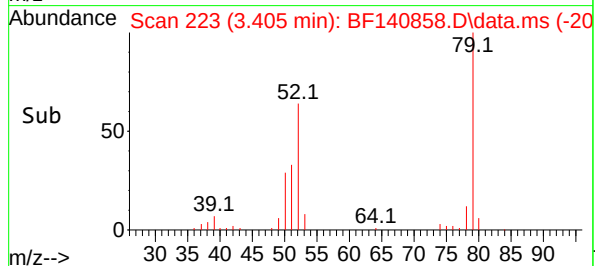
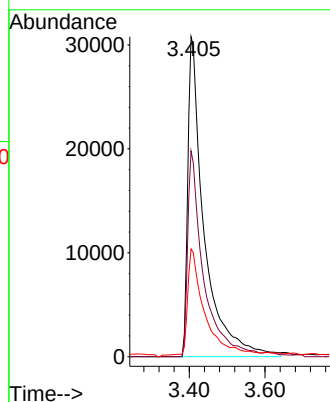
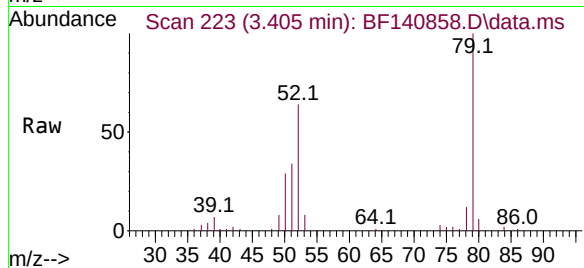
Tgt Ion: 79 Resp: 91704

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

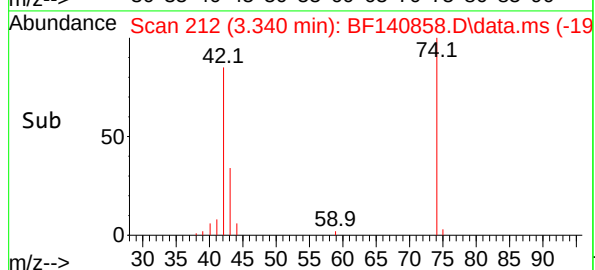
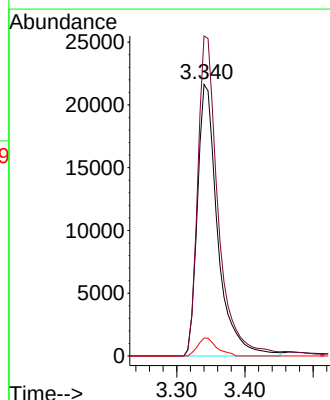
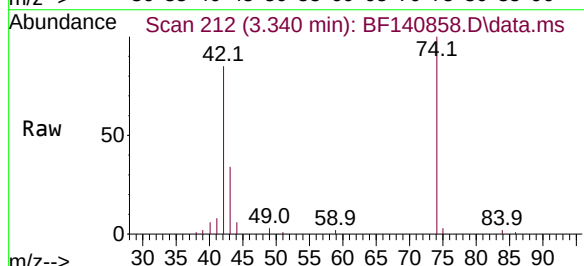
Tgt Ion: 42 Resp: 44712

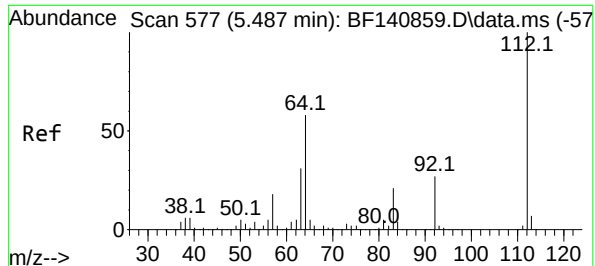
Ion Ratio Lower Upper

42 100

74 117.8 96.9 145.3

44 6.6 4.4 6.6

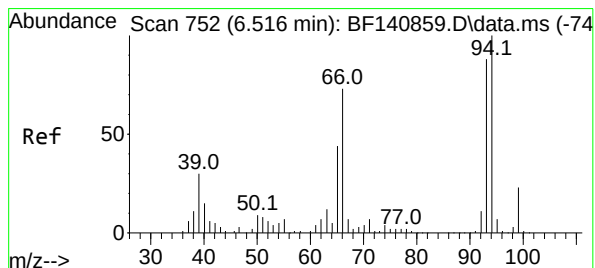
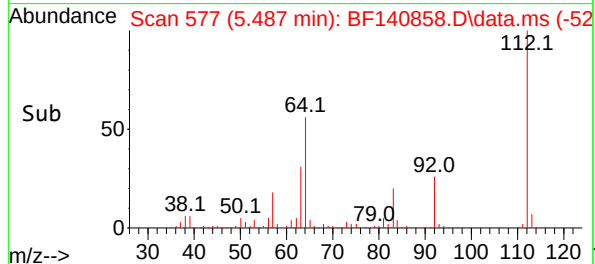
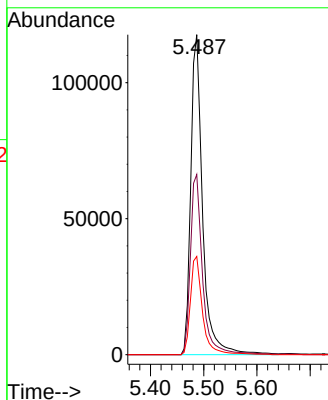
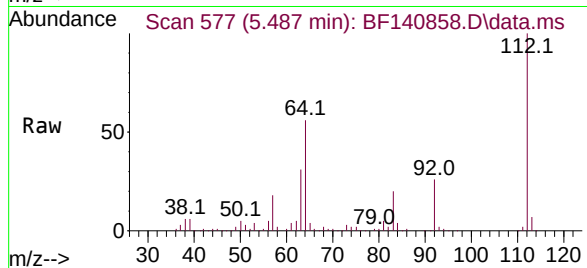




#5
2-Fluorophenol
Concen: 42.100 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

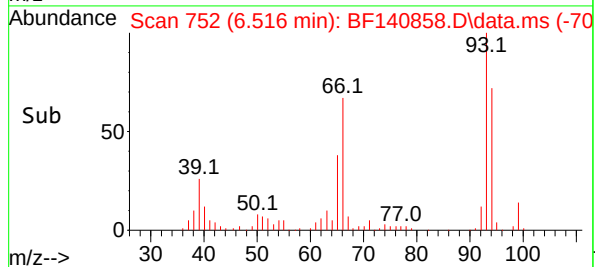
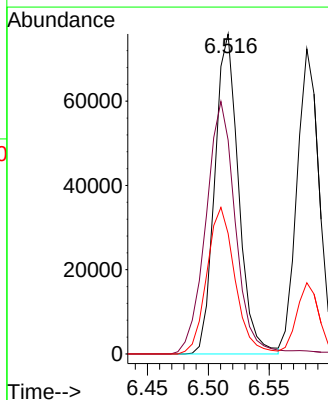
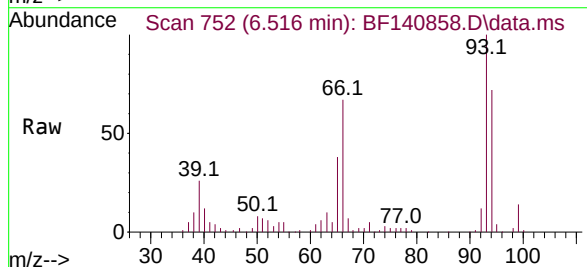
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

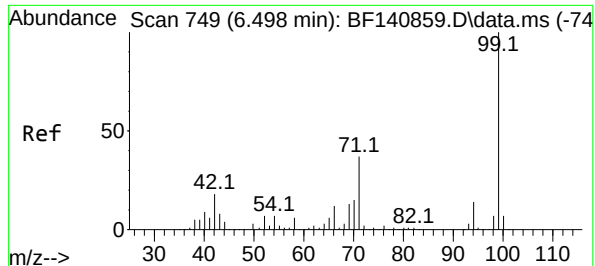
Tgt Ion:112 Resp: 182586
Ion Ratio Lower Upper
112 100
64 56.3 46.1 69.1
63 30.7 24.9 37.3



#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# 749

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

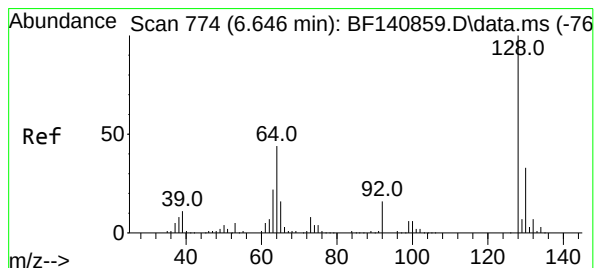
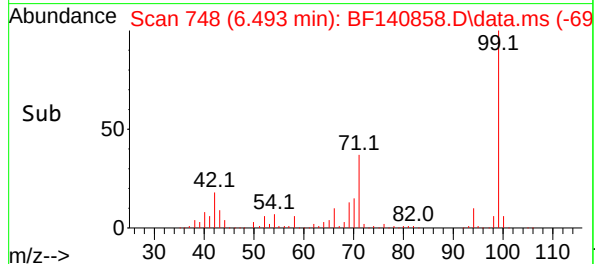
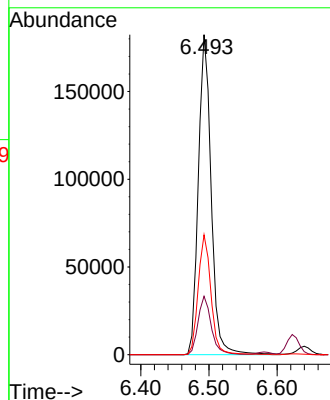
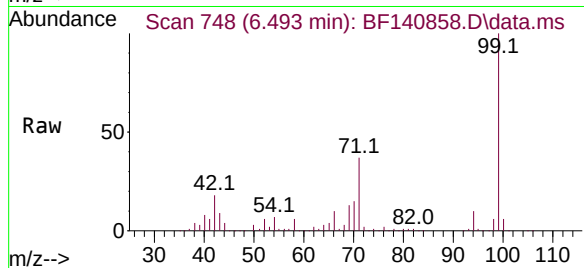
BNA_F

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

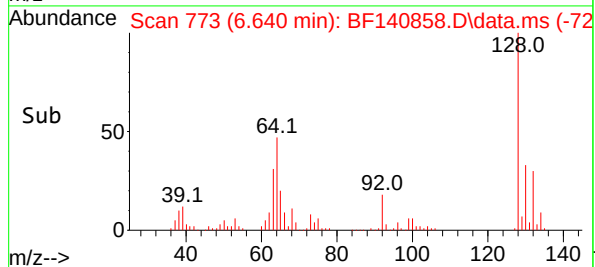
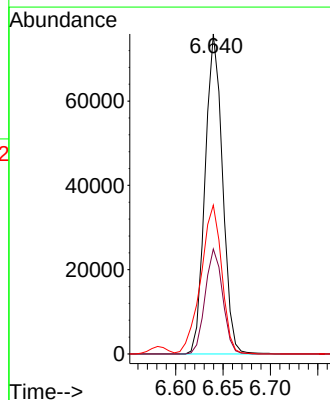
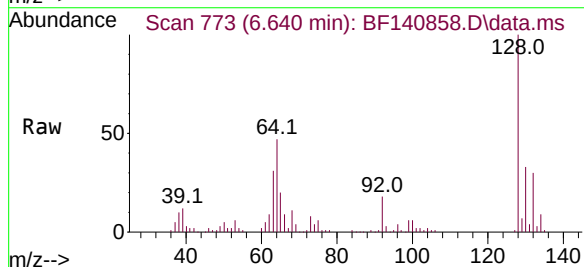
Delta R.T. -0.006 min

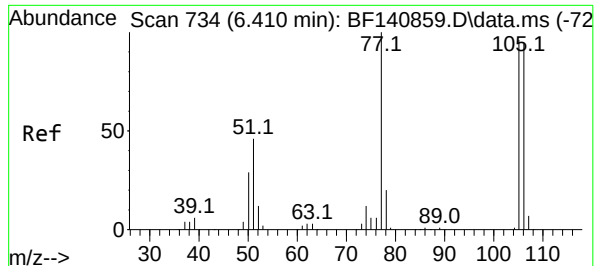
Lab File: BF140858.D

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# 71

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

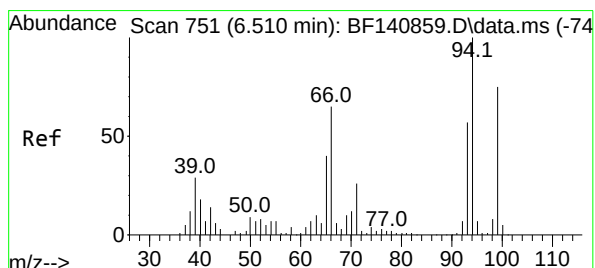
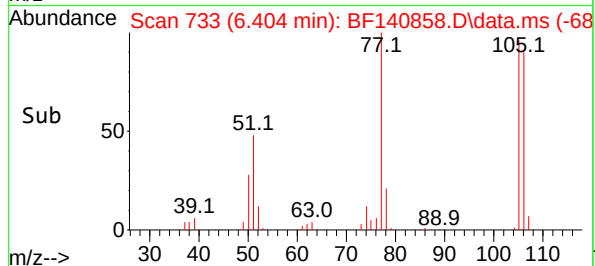
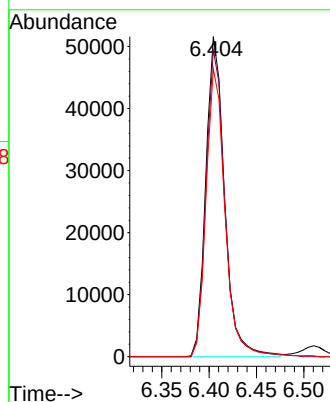
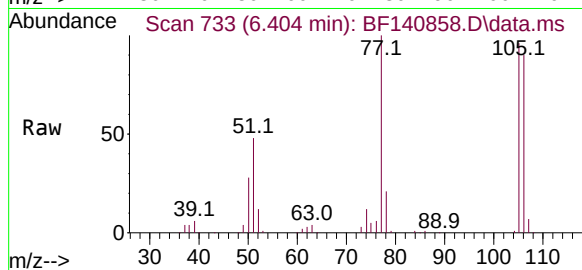
Tgt Ion: 77 Resp: 70862

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

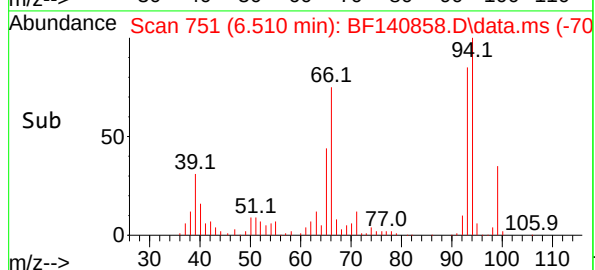
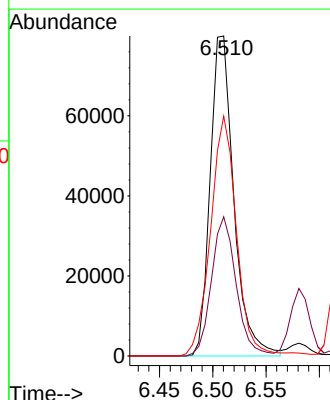
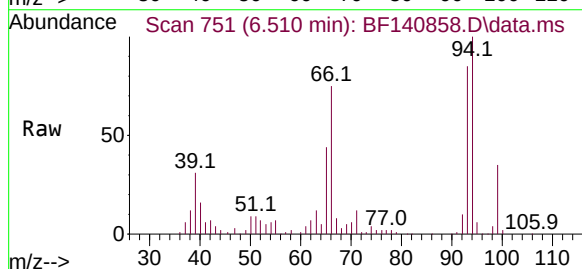
Tgt Ion: 94 Resp: 123728

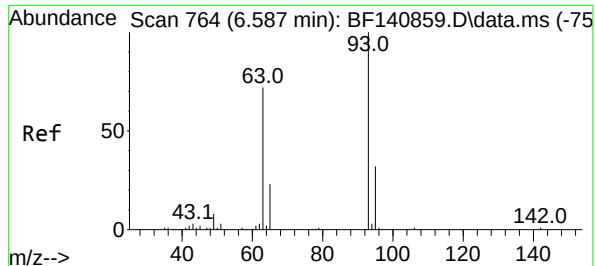
Ion Ratio Lower Upper

94 100

65 43.5 19.9 59.9

66 75.0 45.6 85.6

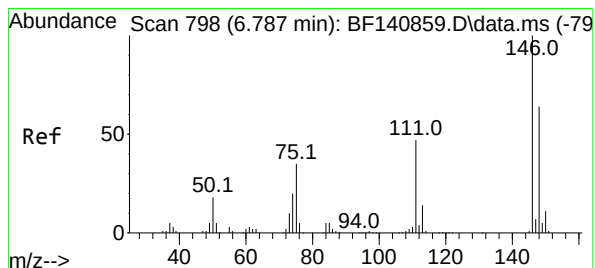
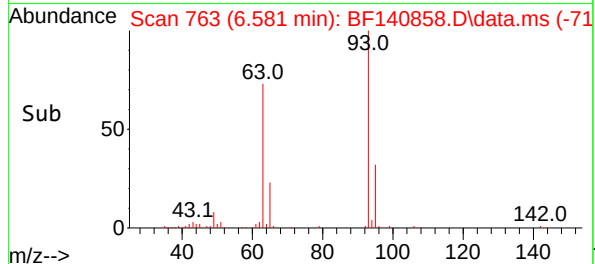
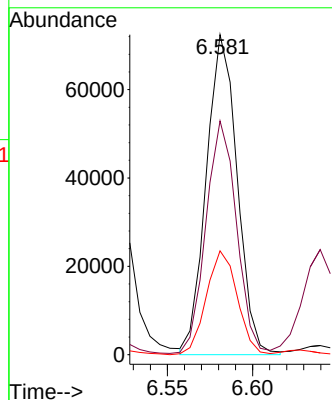
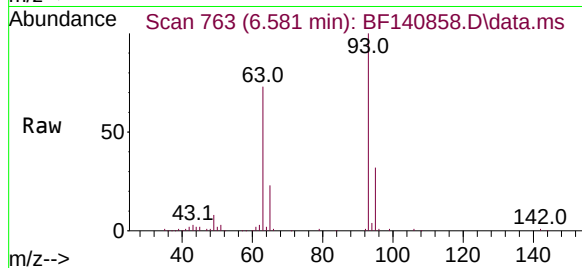




#11
bis(2-Chloroethyl)ether
Concen: 20.602 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

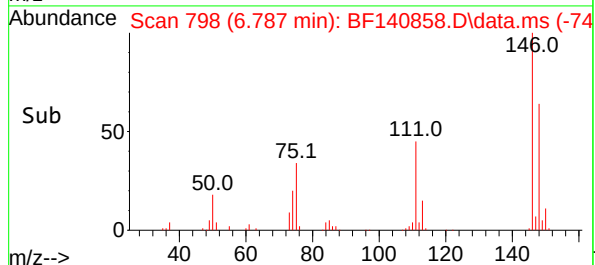
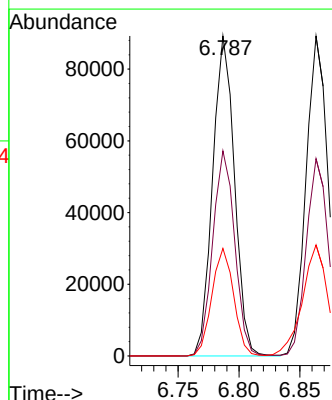
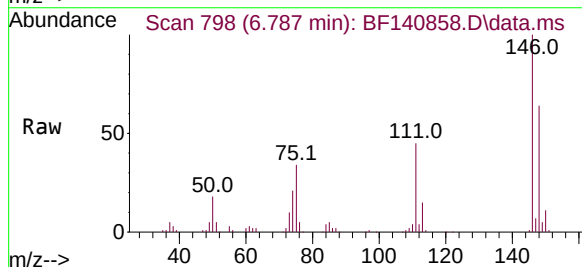
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

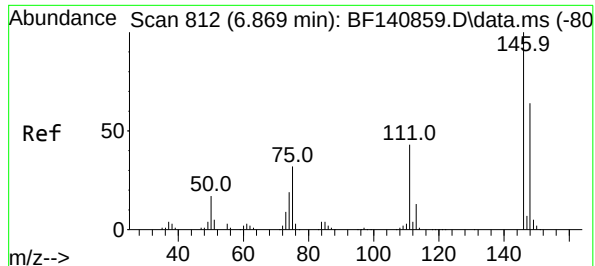
Tgt Ion: 93 Resp: 91473
Ion Ratio Lower Upper
93 100
63 73.0 51.0 91.0
95 32.5 12.0 52.0



#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# 81

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

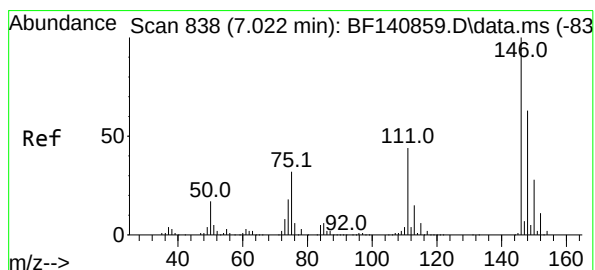
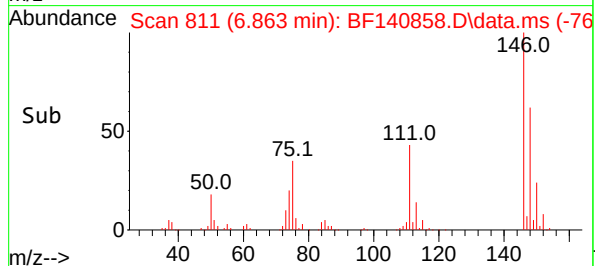
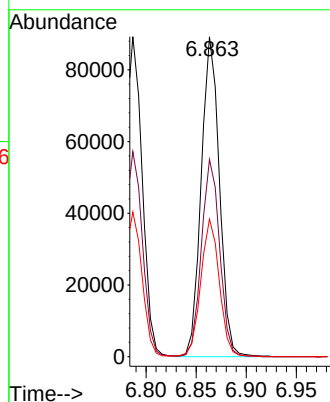
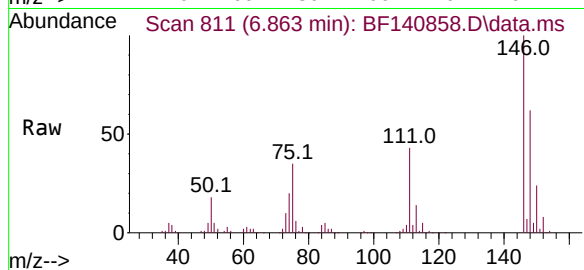
Tgt Ion:146 Resp: 113006

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

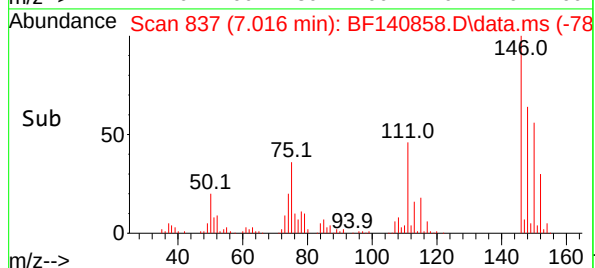
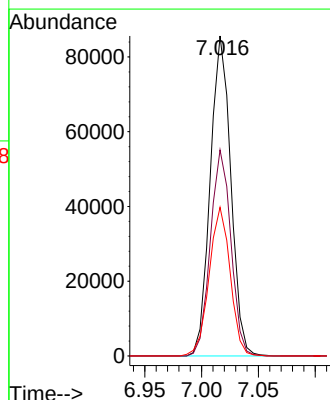
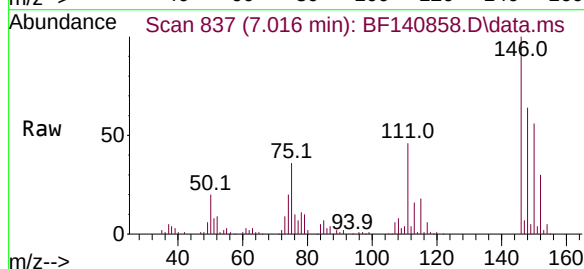
Tgt Ion:146 Resp: 107719

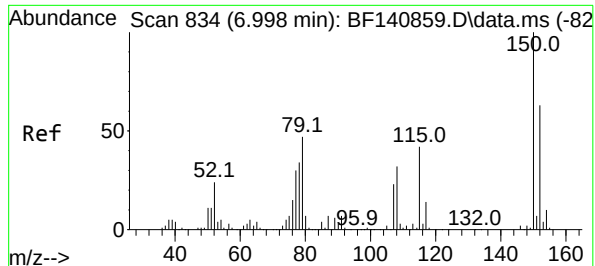
Ion Ratio Lower Upper

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# 81

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

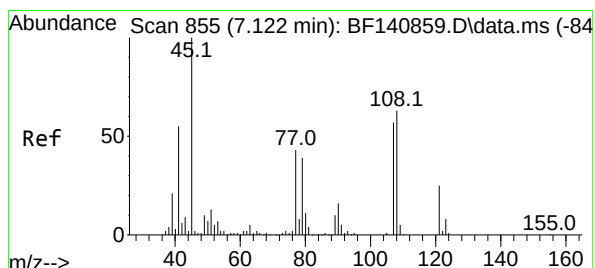
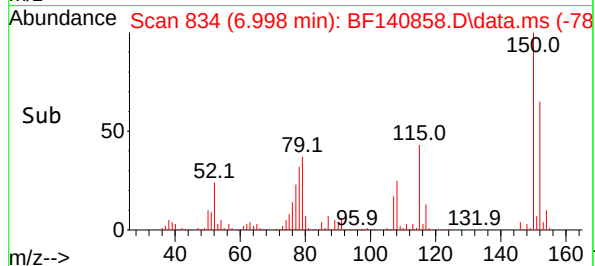
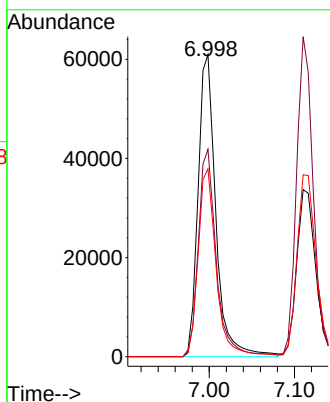
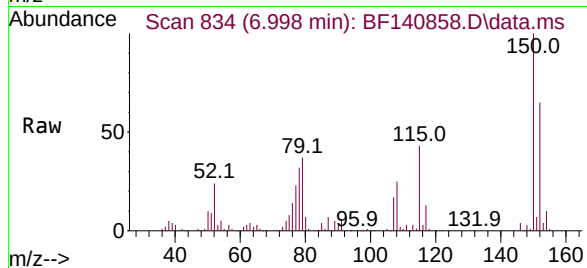
Tgt Ion: 79 Resp: 88251

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

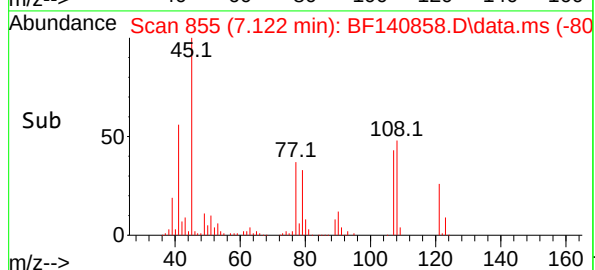
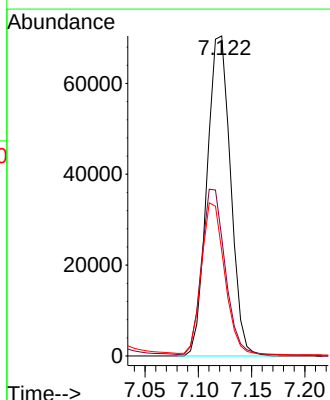
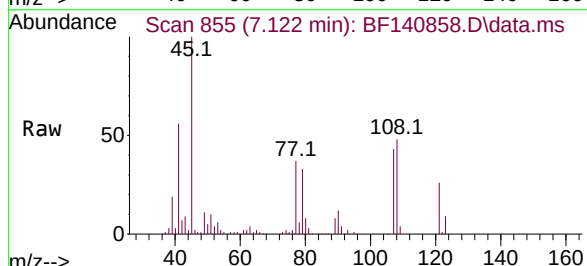
Tgt Ion: 45 Resp: 108472

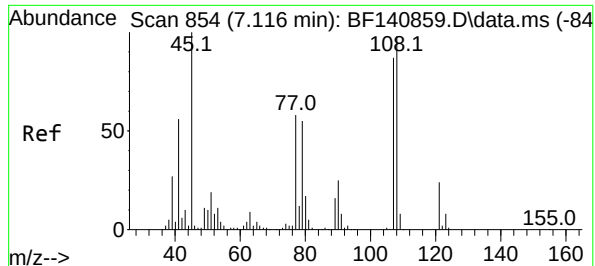
Ion Ratio Lower Upper

45 100

77 37.0 23.3 63.3

79 32.9 20.0 60.0

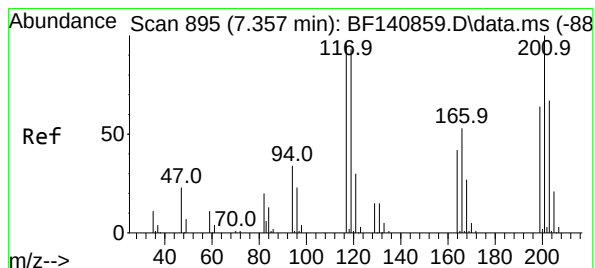
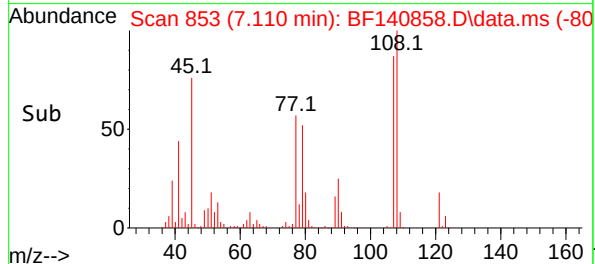
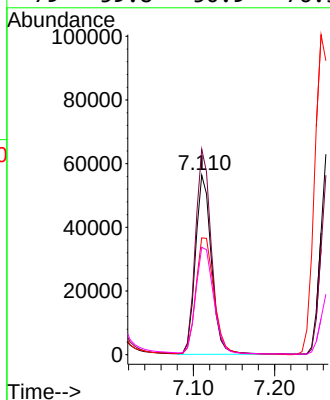
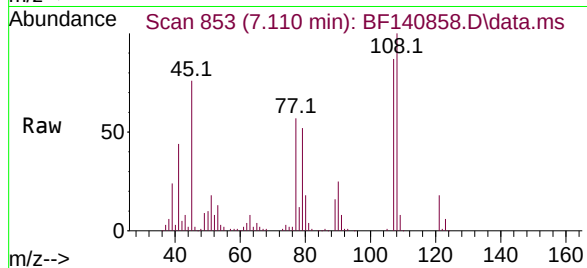




#17
2-Methylphenol
Concen: 20.427 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

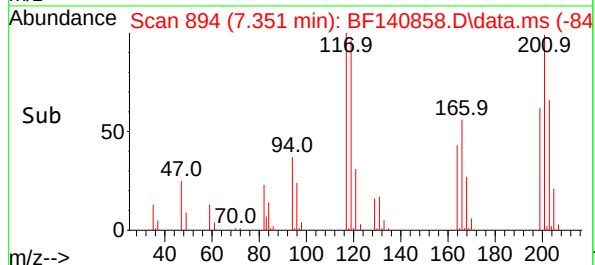
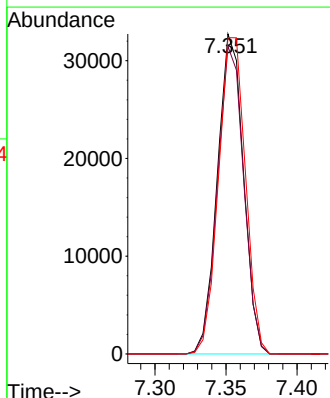
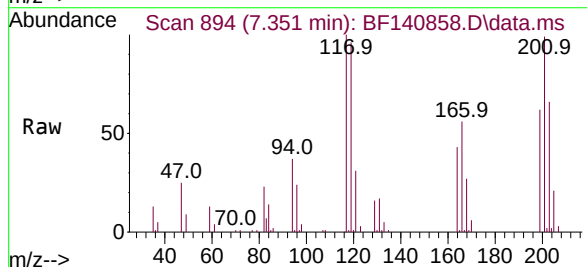
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

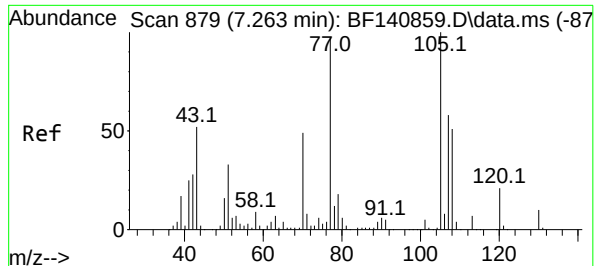
Tgt Ion:107 Resp: 77132
Ion Ratio Lower Upper
107 100
108 114.5 90.2 135.4
77 65.1 53.8 80.6
79 59.8 50.9 76.3



#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# 81

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

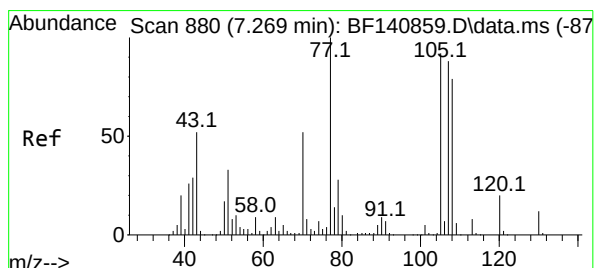
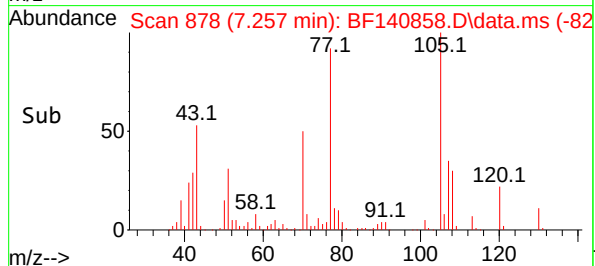
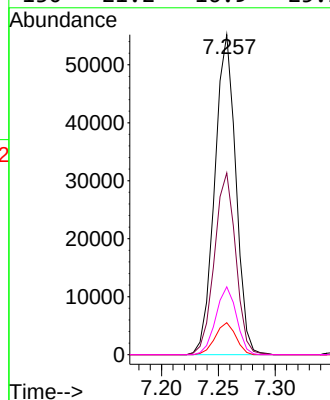
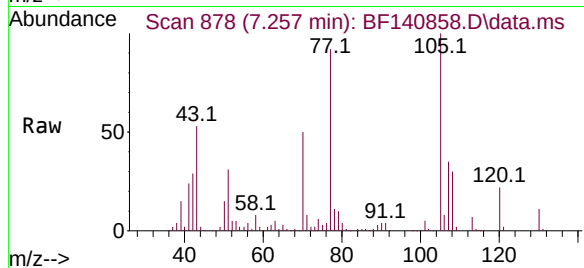
Ion Ratio Lower Upper

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

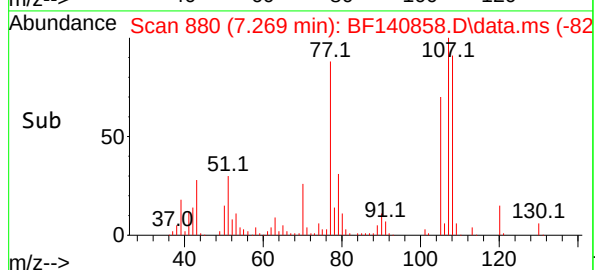
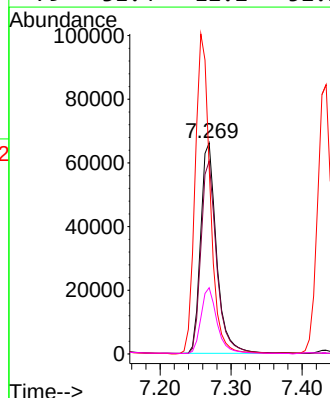
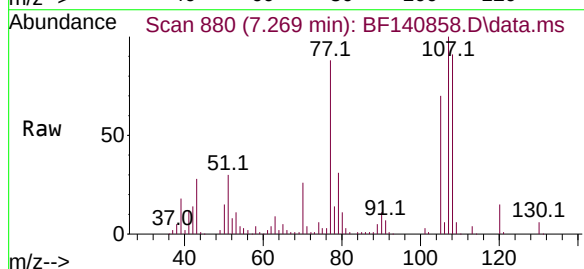
Ion Ratio Lower Upper

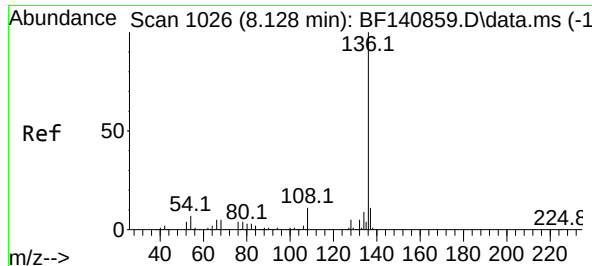
107 100

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# 1026

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

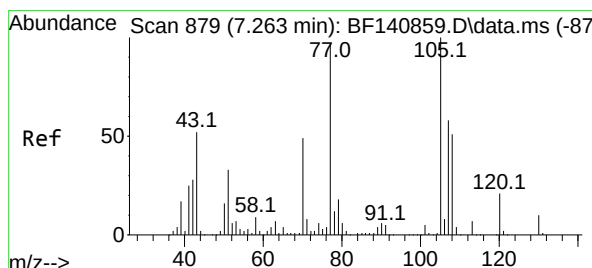
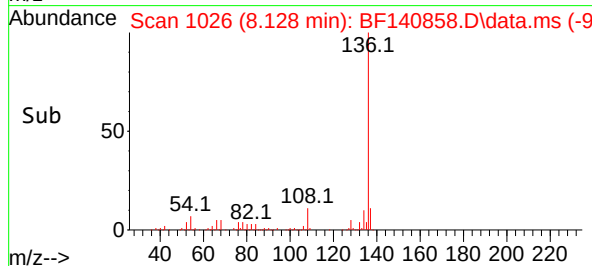
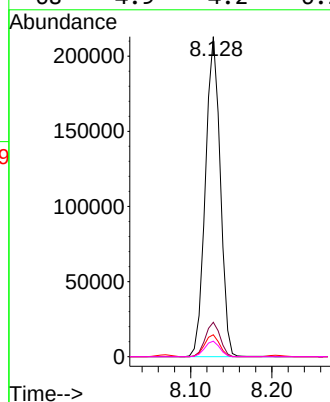
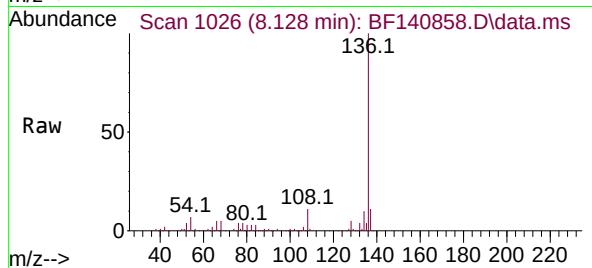
Ion Ratio Lower Upper

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

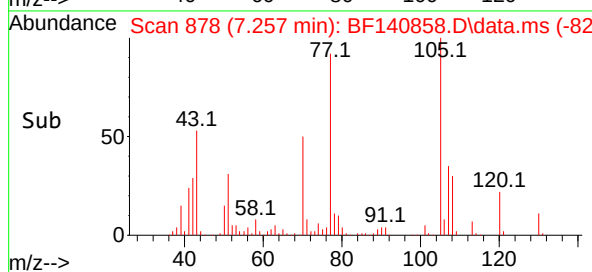
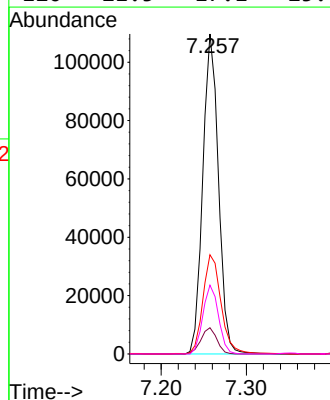
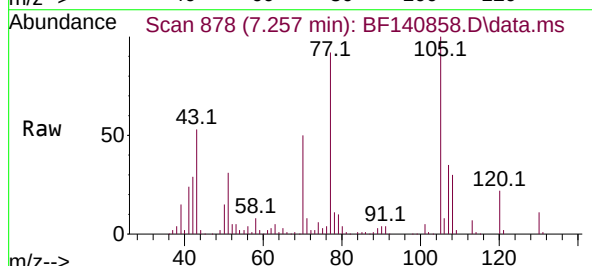
Ion Ratio Lower Upper

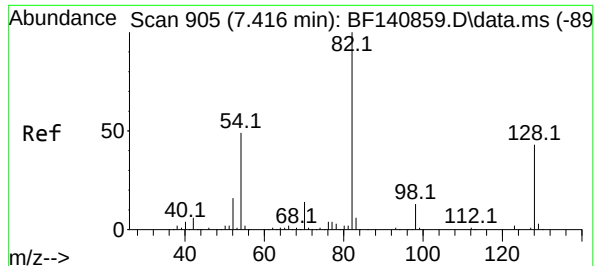
105 100

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# 904

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

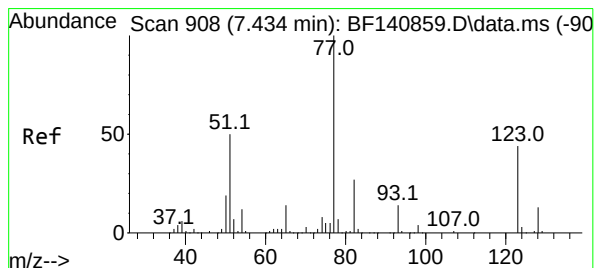
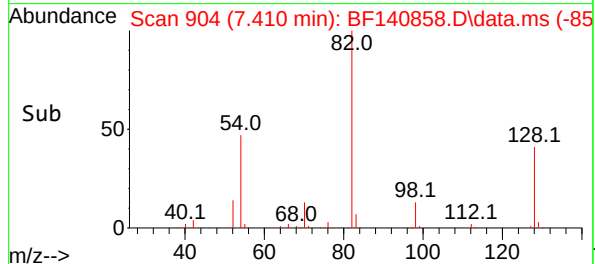
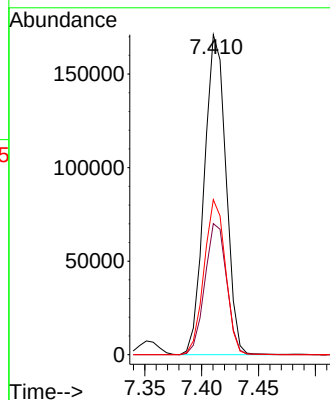
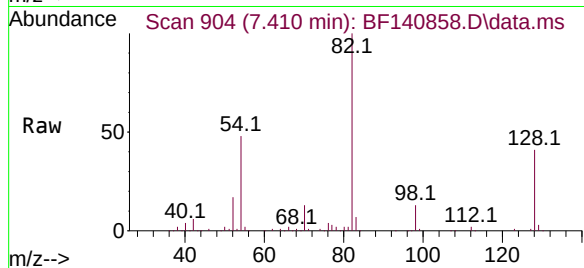
Tgt Ion: 82 Resp: 226356

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

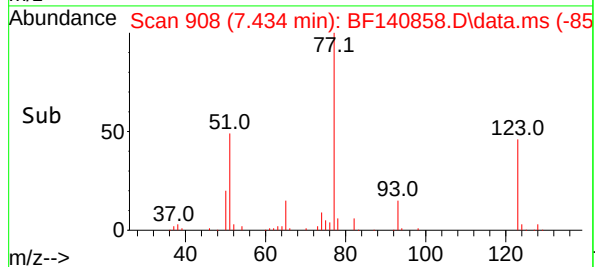
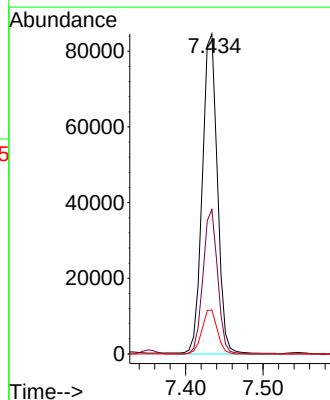
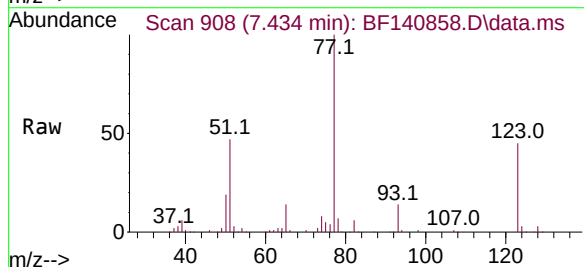
Tgt Ion: 77 Resp: 114486

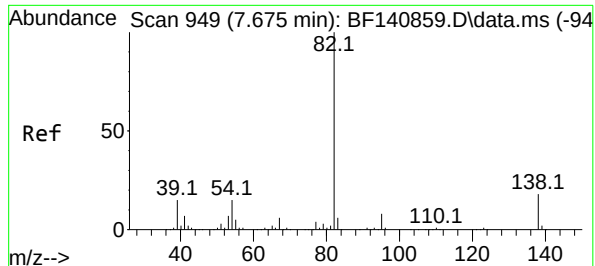
Ion Ratio Lower Upper

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# 948

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

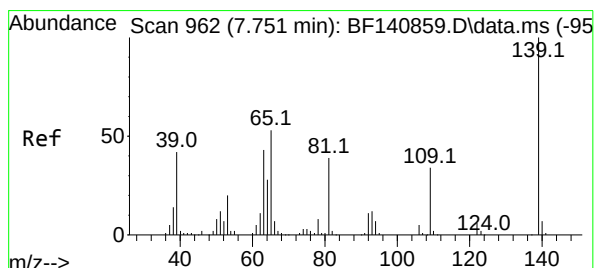
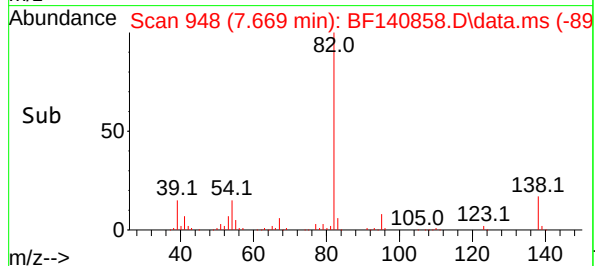
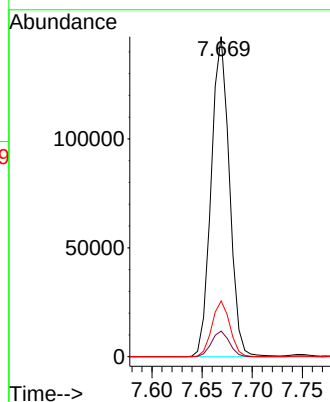
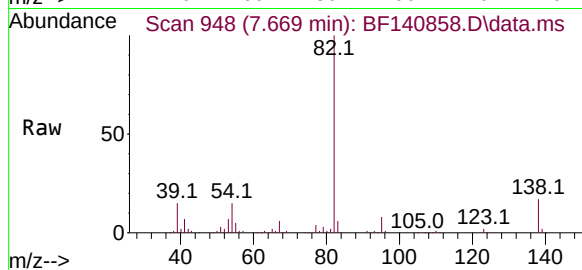
Tgt Ion: 82 Resp: 185900

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

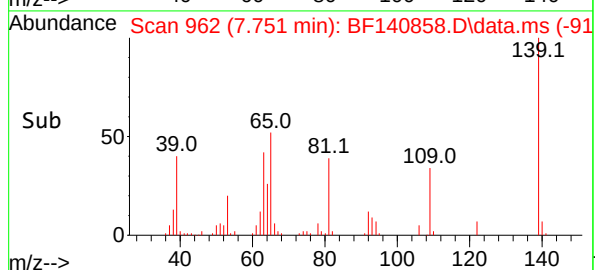
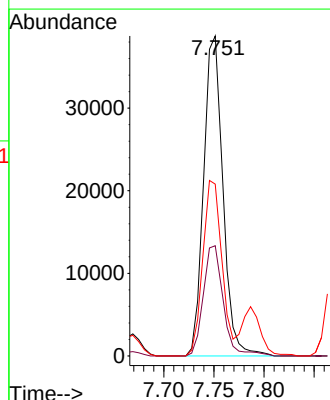
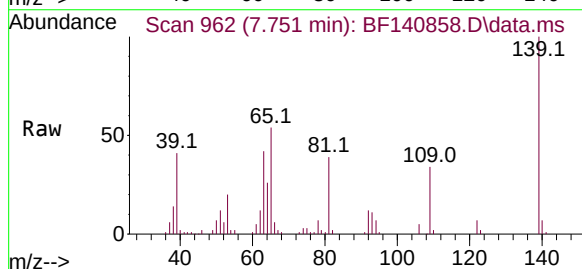
Tgt Ion:139 Resp: 52133

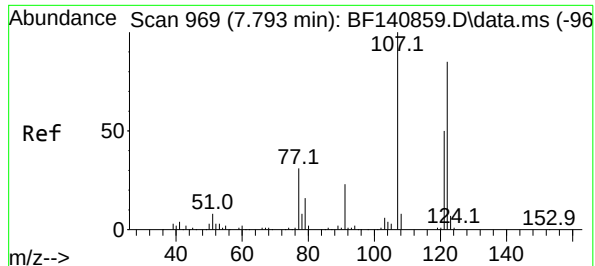
Ion Ratio Lower Upper

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# 90

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

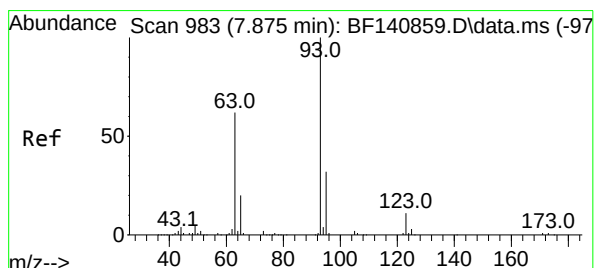
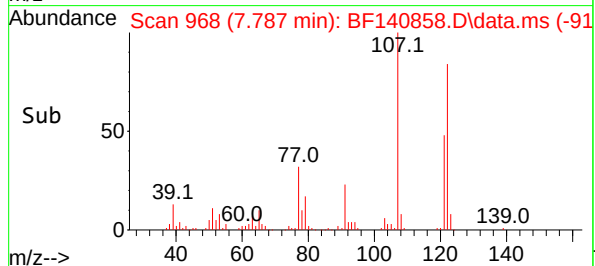
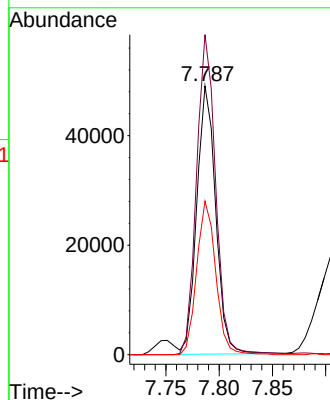
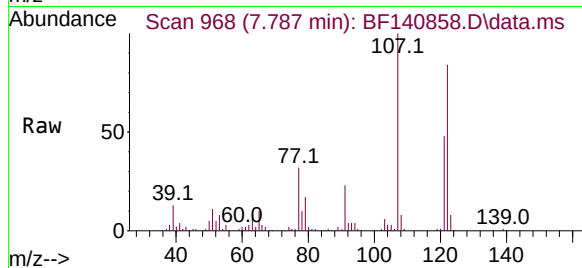
Tgt Ion:122 Resp: 60750

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

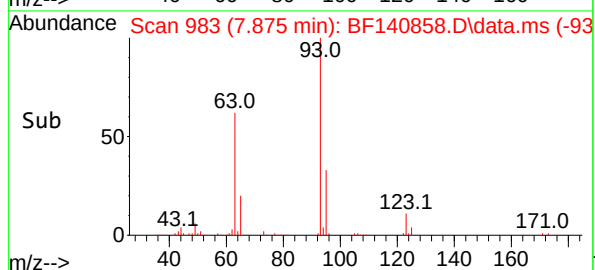
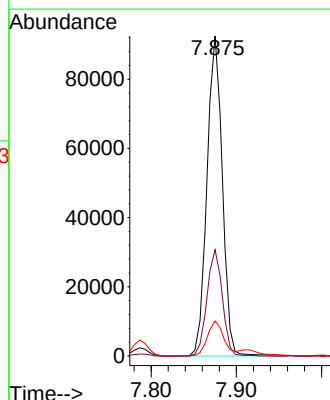
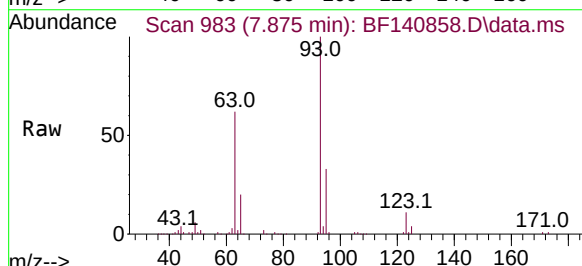
Tgt Ion: 93 Resp: 115605

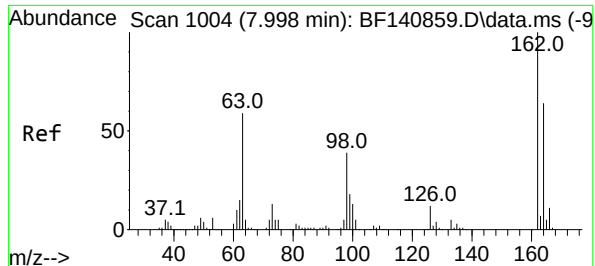
Ion Ratio Lower Upper

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# 1004

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

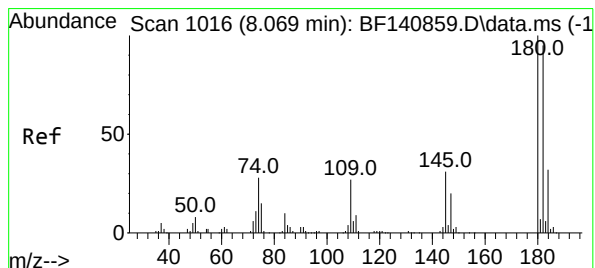
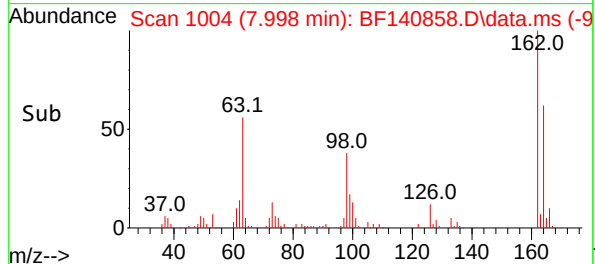
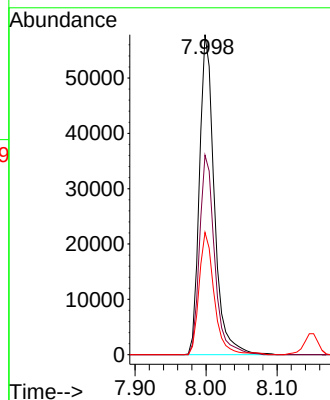
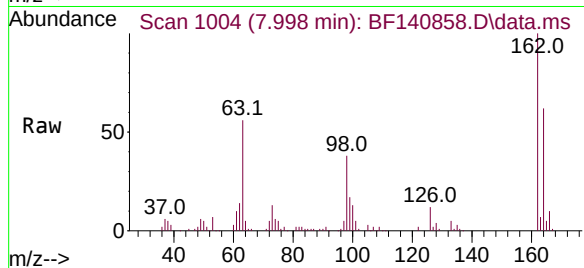
Tgt Ion:162 Resp: 84299

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

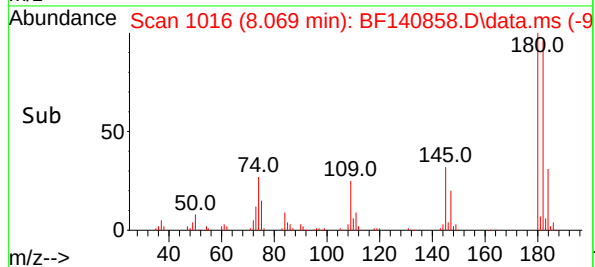
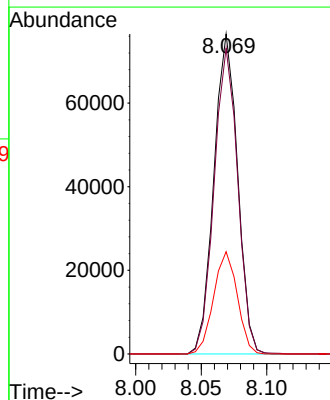
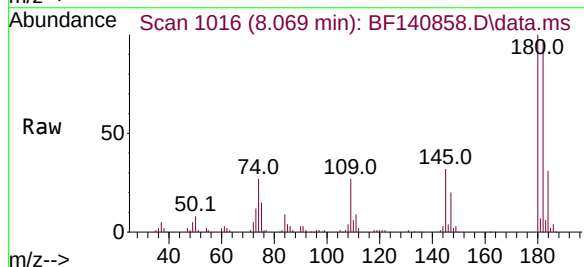
Tgt Ion:180 Resp: 96194

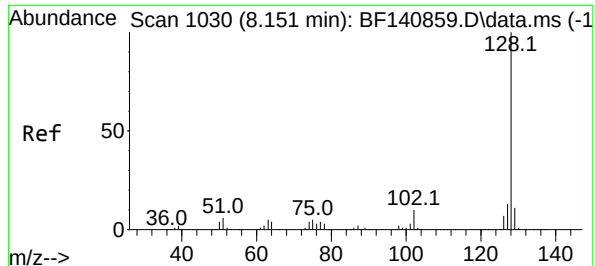
Ion Ratio Lower Upper

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# 1030

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

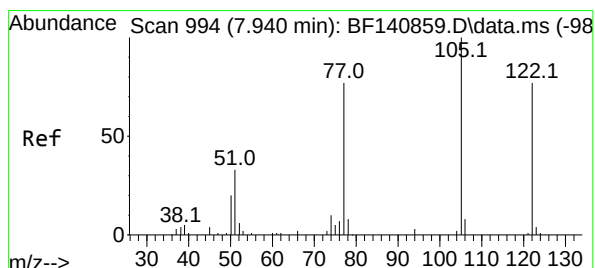
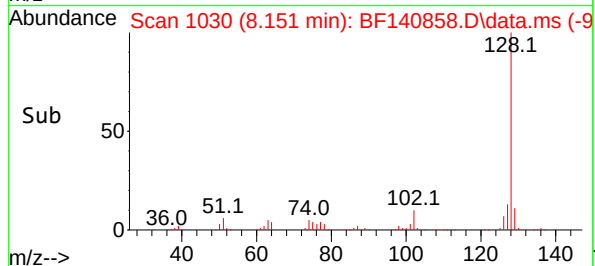
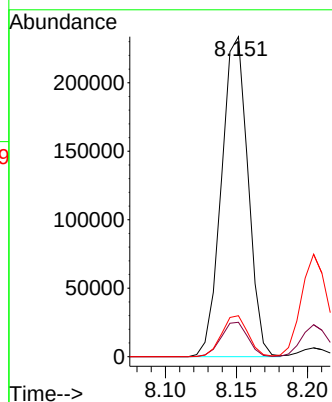
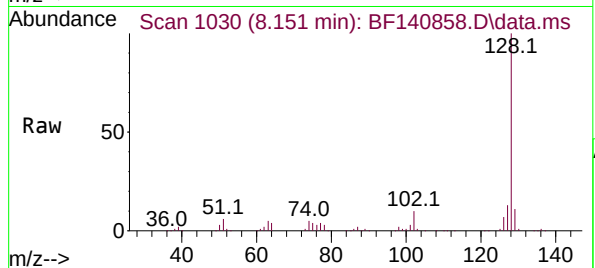
Tgt Ion:128 Resp: 303425

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

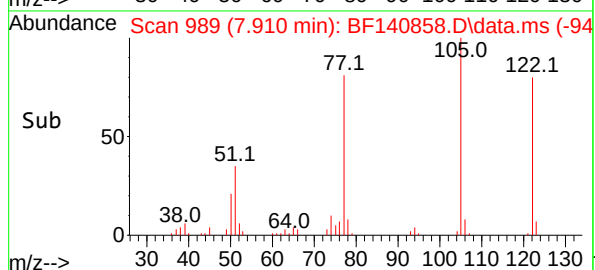
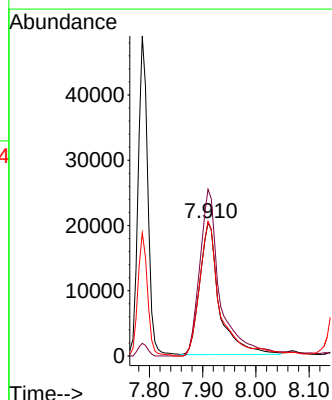
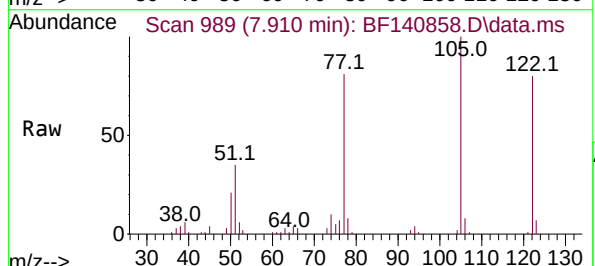
Tgt Ion:122 Resp: 51770

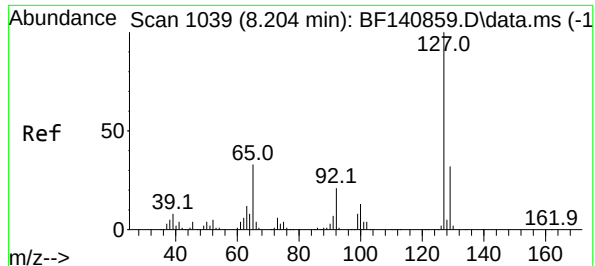
Ion Ratio Lower Upper

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# 1039

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

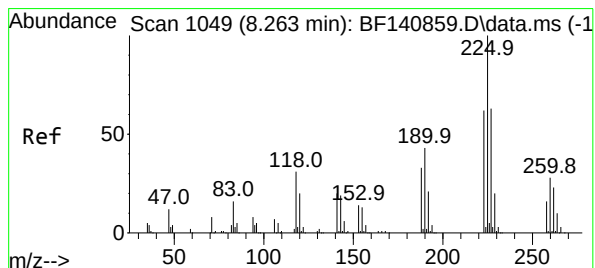
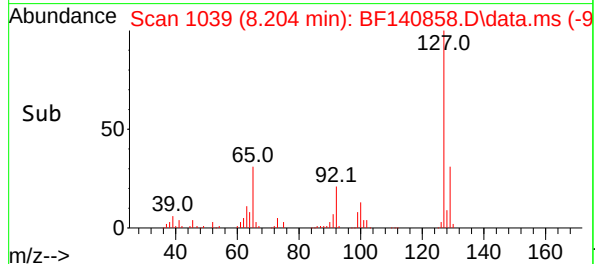
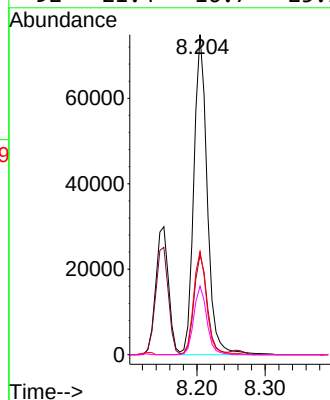
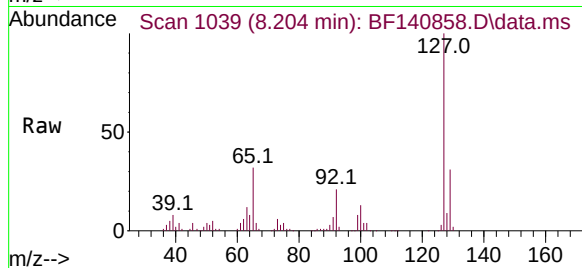
Ion Ratio Lower Upper

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

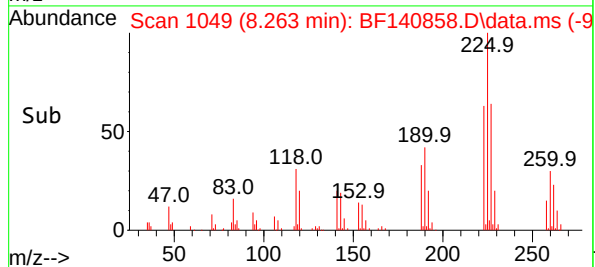
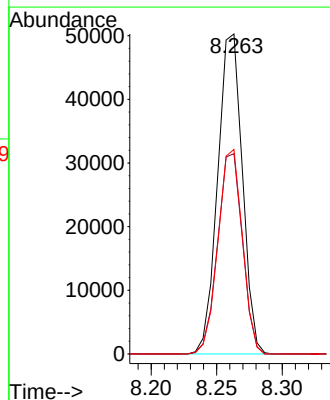
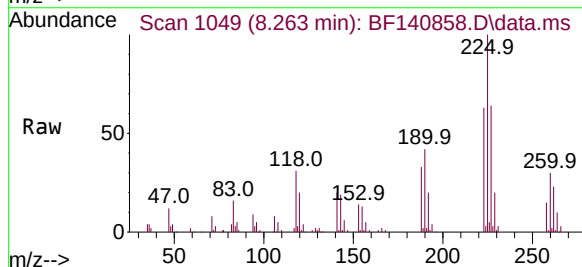
Tgt Ion:225 Resp: 65803

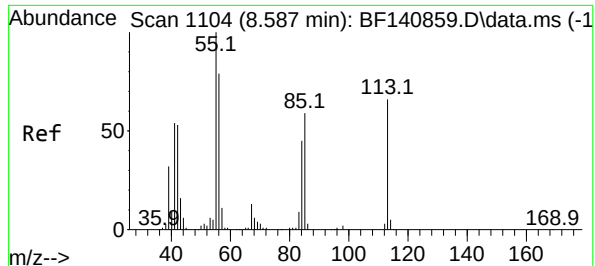
Ion Ratio Lower Upper

225 100

223 62.6 49.6 74.4

227 63.9 50.7 76.1

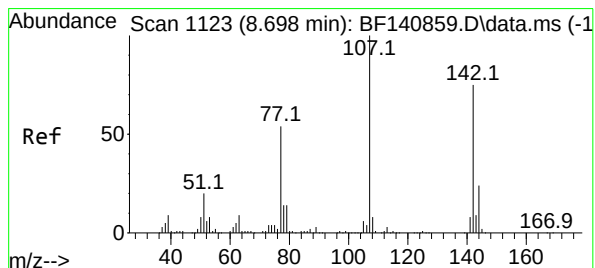
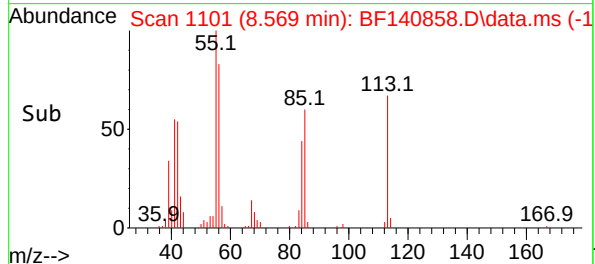
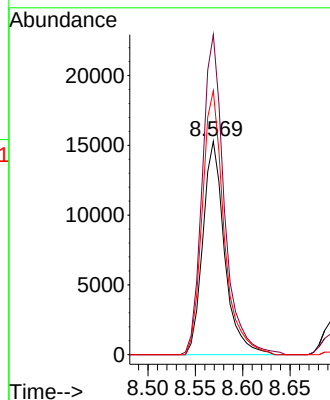
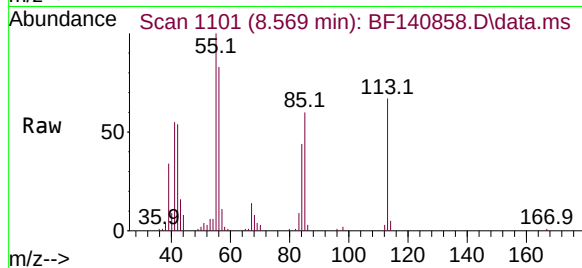




#35
Caprolactam
Concen: 19.958 ng
RT: 8.569 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

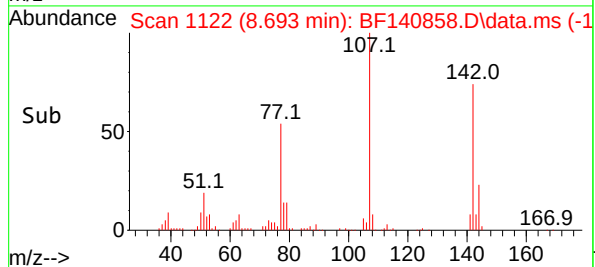
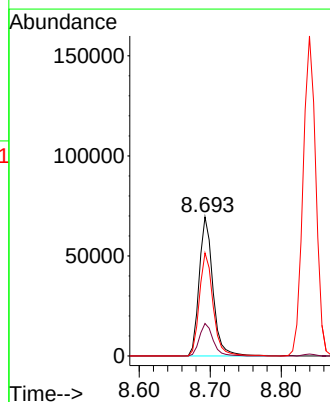
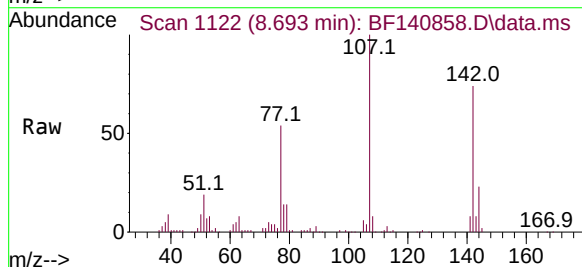
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

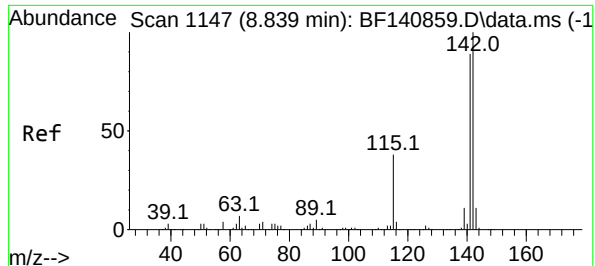
Tgt Ion	Ratio	Lower	Upper
113	100		
55	149.9	132.3	172.3
56	123.7	100.3	140.3



#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	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# 1147

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

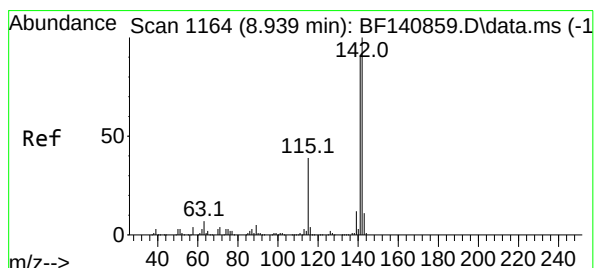
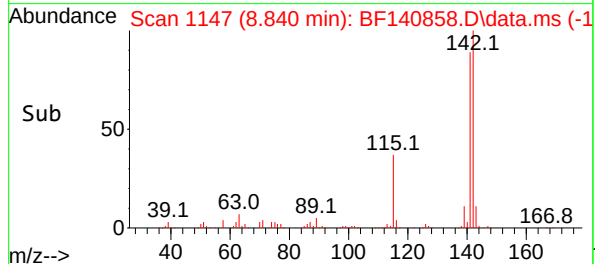
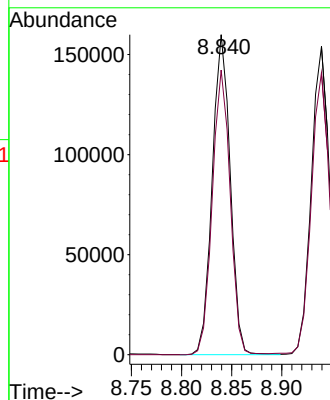
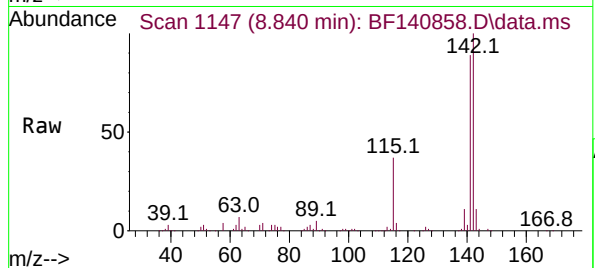
SSTDICC020

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

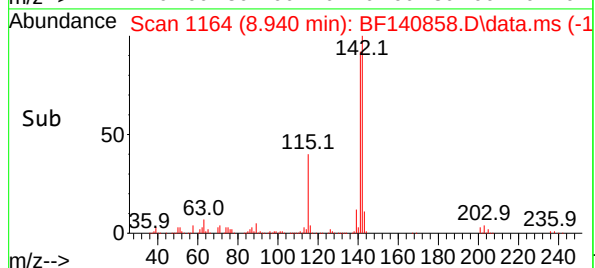
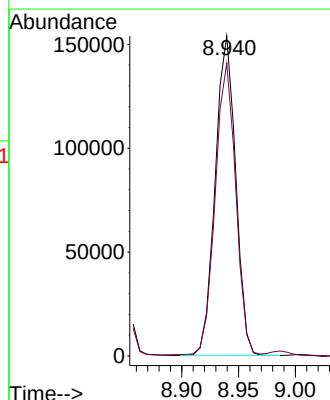
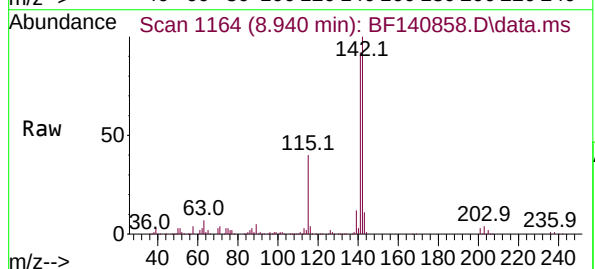
Acq: 16 Dec 2024 14:00

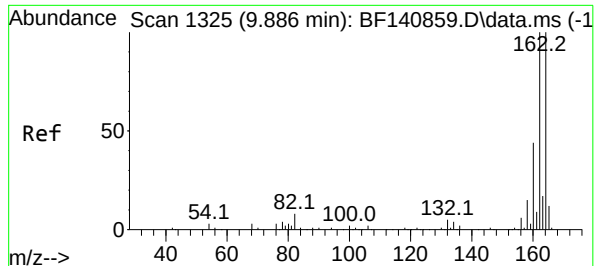
Tgt Ion:142 Resp: 193053

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# 1175

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

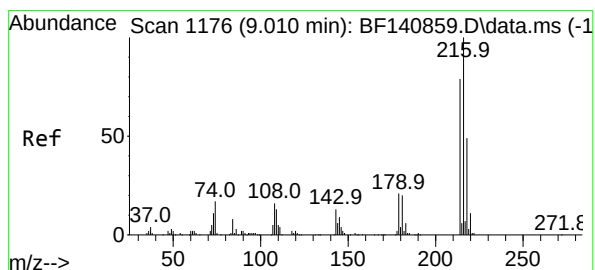
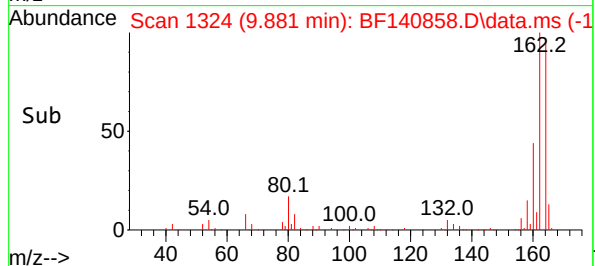
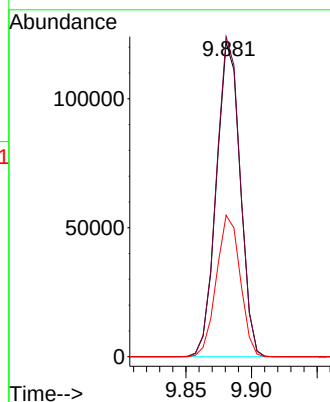
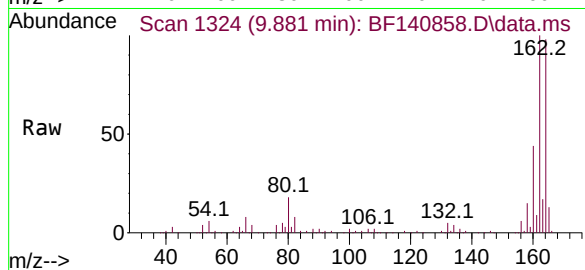
Tgt Ion:164 Resp: 153586

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

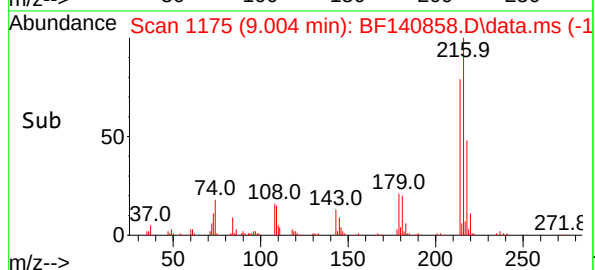
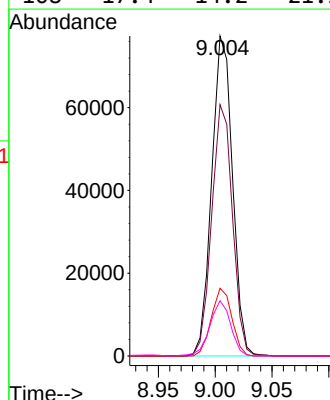
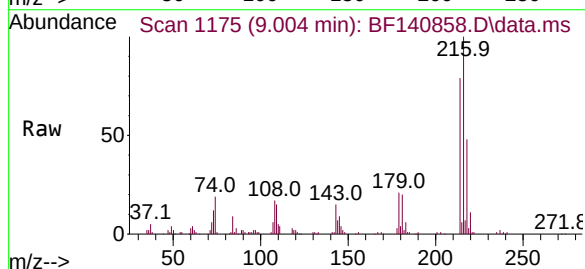
Ion Ratio Lower Upper

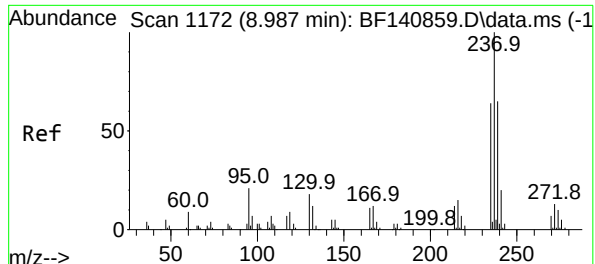
216 100

214 78.3 63.6 95.4

179 20.8 17.0 25.4

108 17.4 14.2 21.2

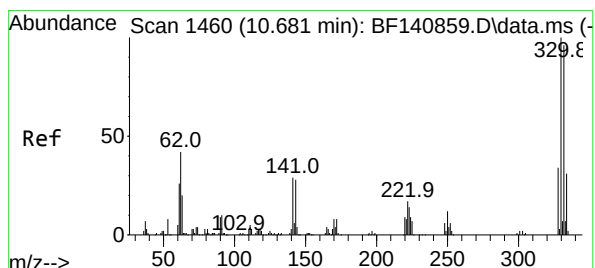
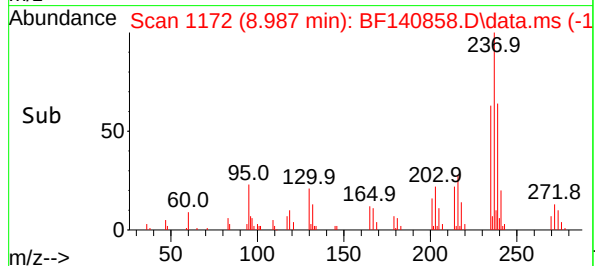
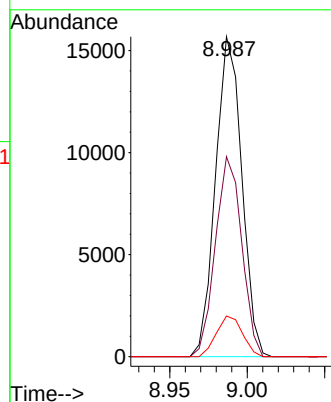
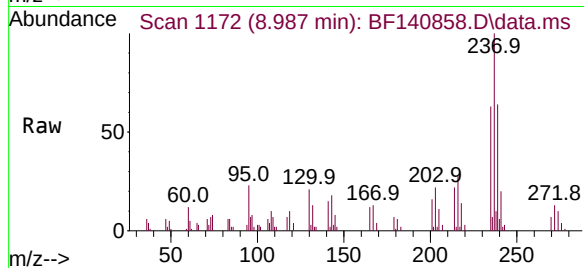




#41
Hexachlorocyclopentadiene
Concen: 21.391 ng
RT: 8.987 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

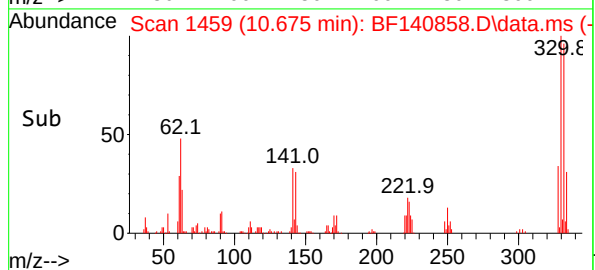
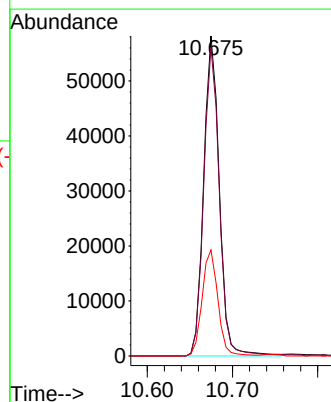
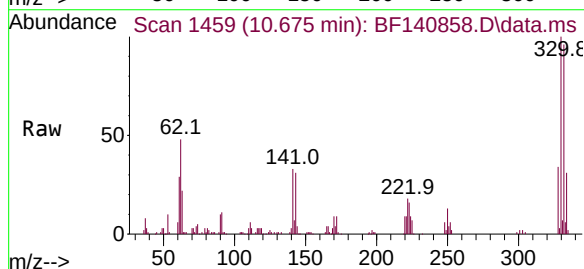
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

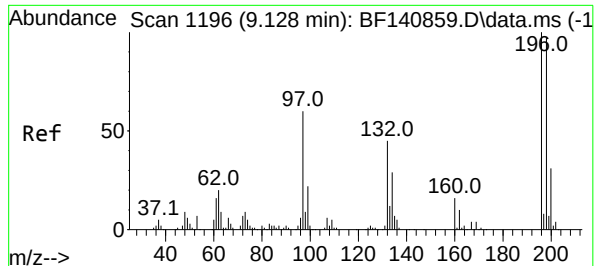
Tgt Ion:237 Resp: 18486
Ion Ratio Lower Upper
237 100
235 62.5 43.7 83.7
272 12.7 0.0 32.9



#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# 1196

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

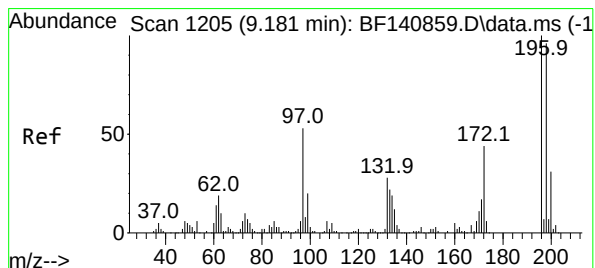
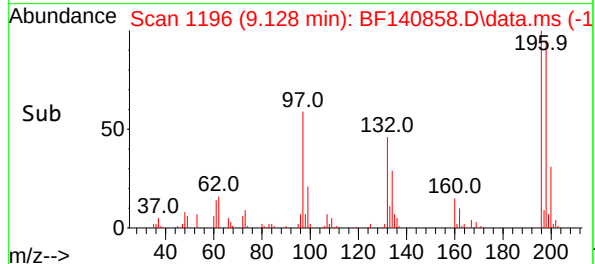
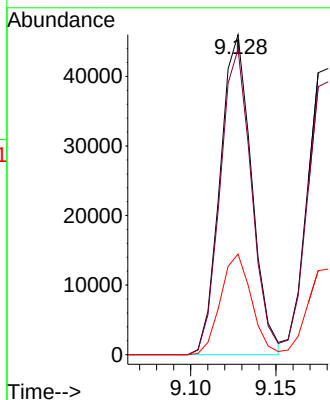
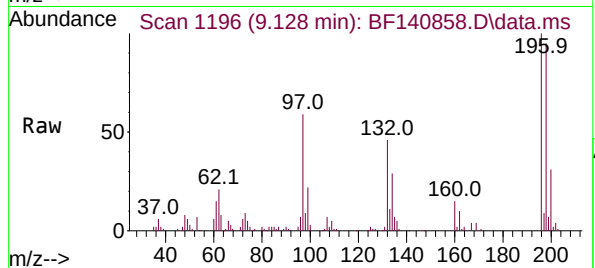
Tgt Ion:196 Resp: 59284

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

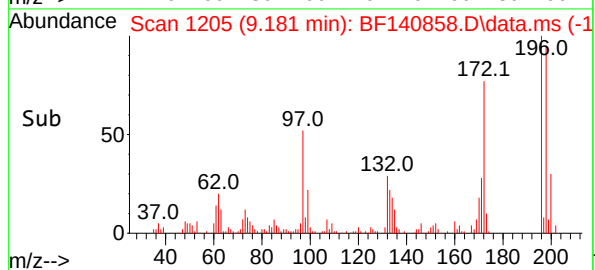
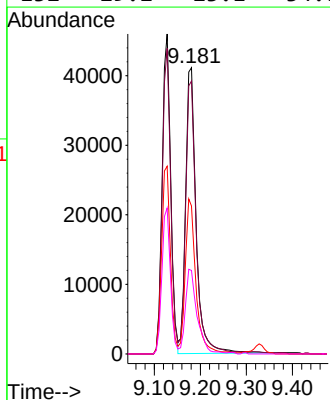
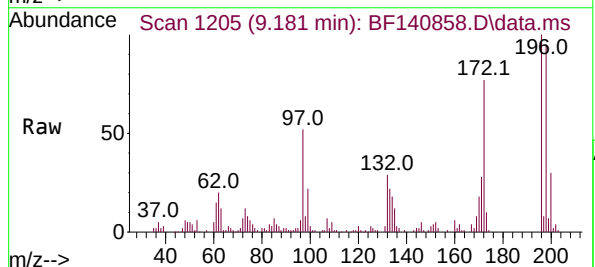
Ion Ratio Lower Upper

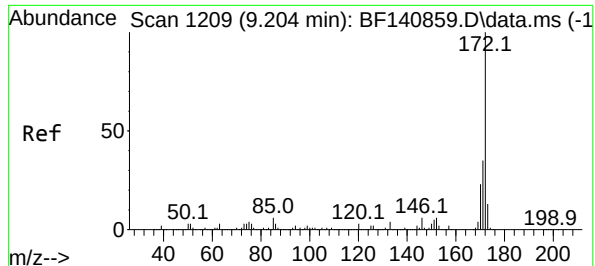
196 100

198 95.3 77.2 115.8

97 51.7 42.2 63.4

132 29.2 23.1 34.7

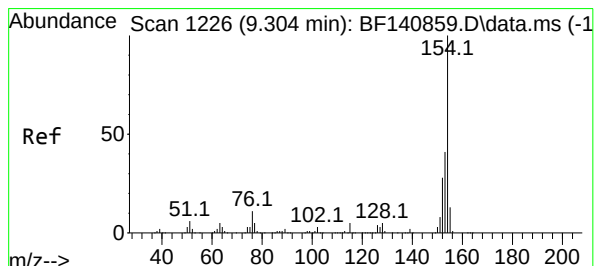
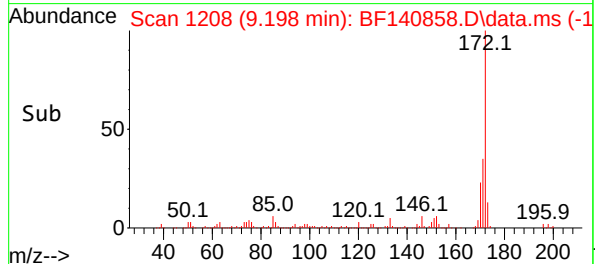
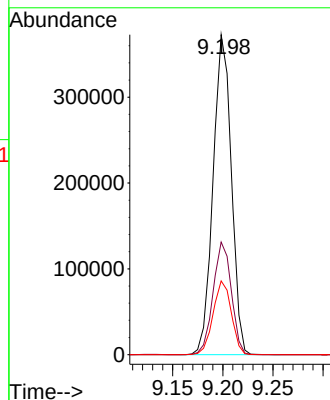
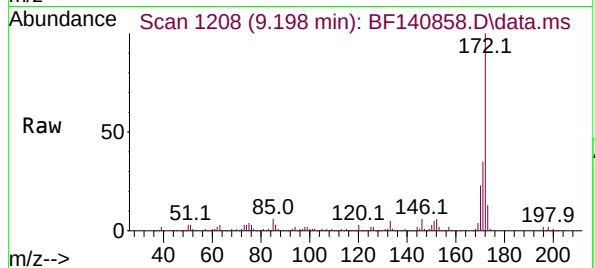




#45
2-Fluorobiphenyl
Concen: 42.281 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

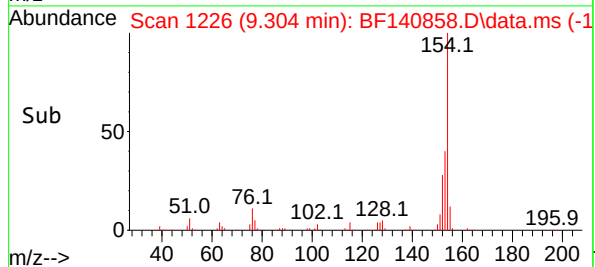
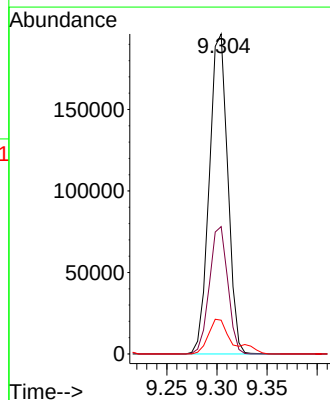
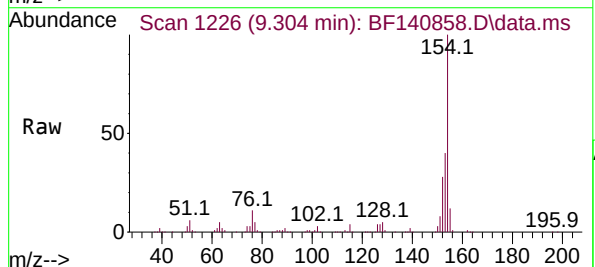
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

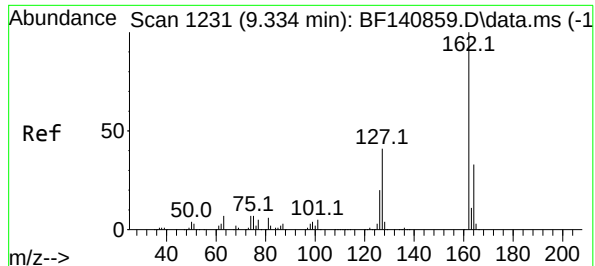
Tgt Ion:172 Resp: 472330
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.1 18.6 28.0



#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# 1231

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

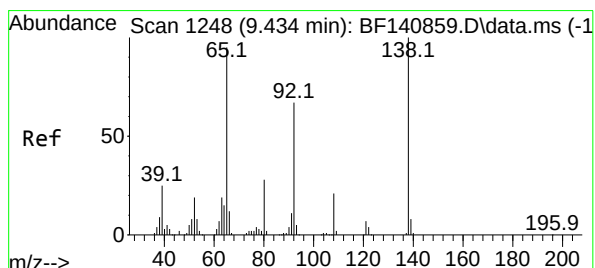
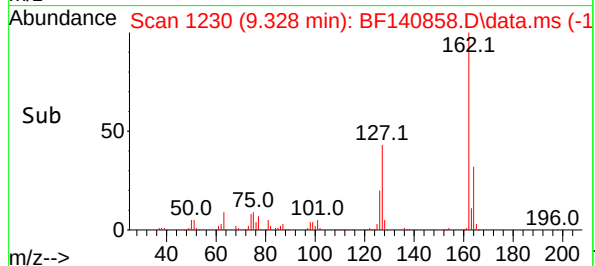
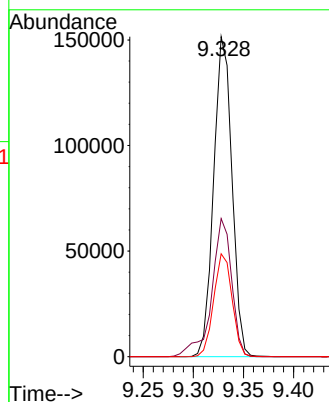
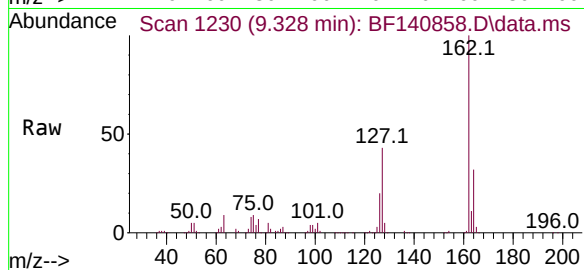
Tgt Ion:162 Resp: 192611

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

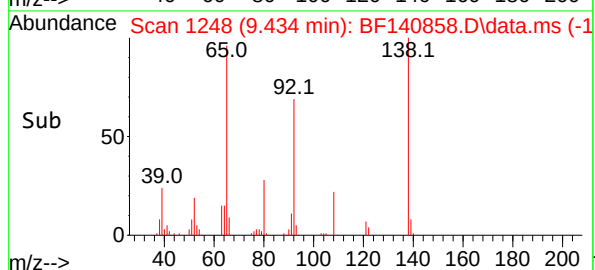
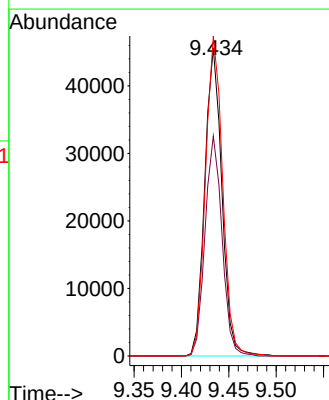
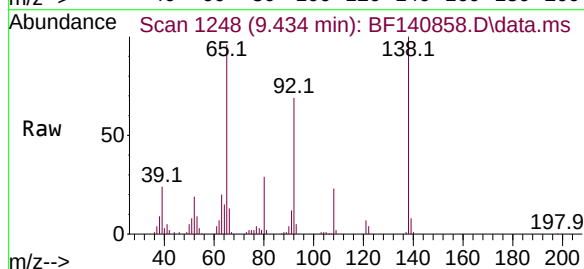
Tgt Ion: 65 Resp: 57140

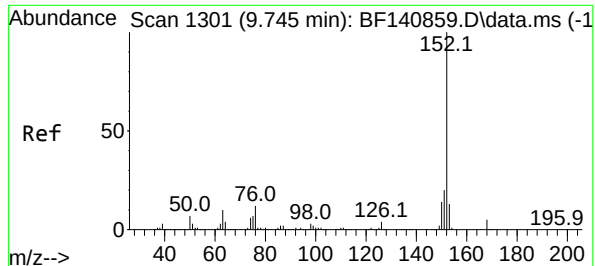
Ion Ratio Lower Upper

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

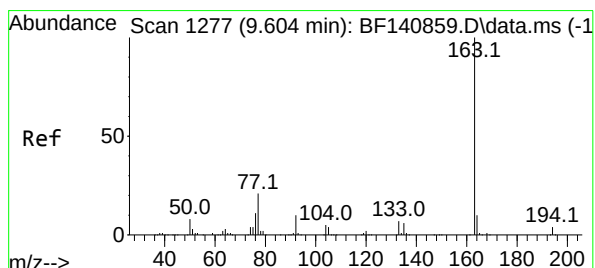
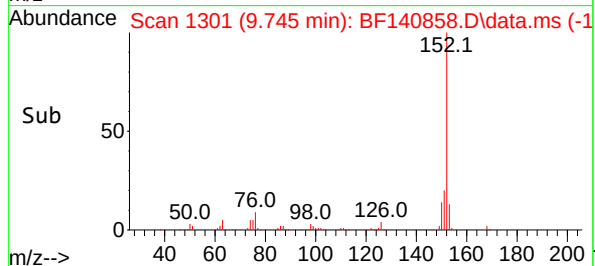
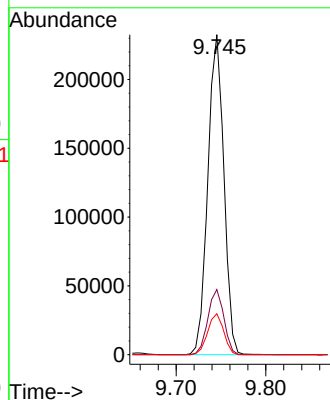
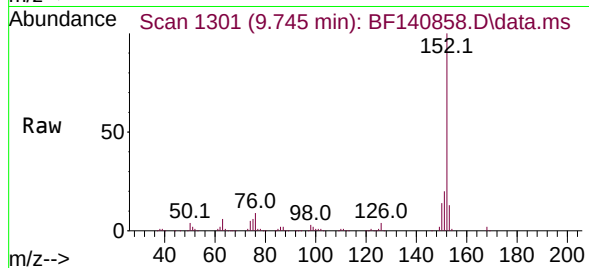
Tgt Ion:152 Resp: 288710

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

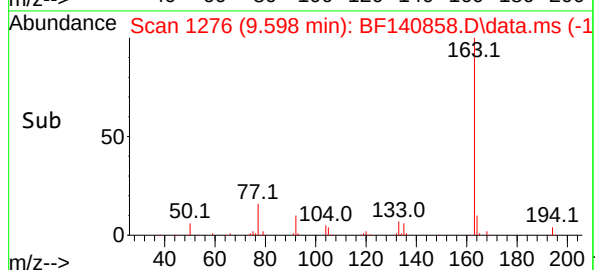
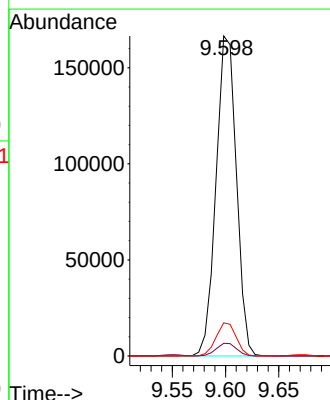
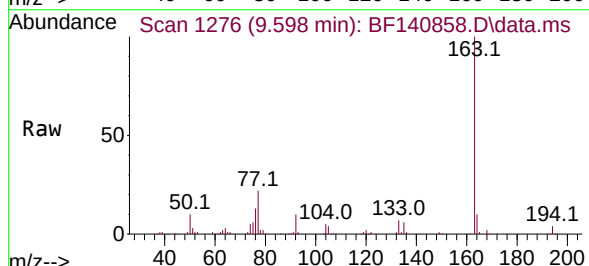
Tgt Ion:163 Resp: 220880

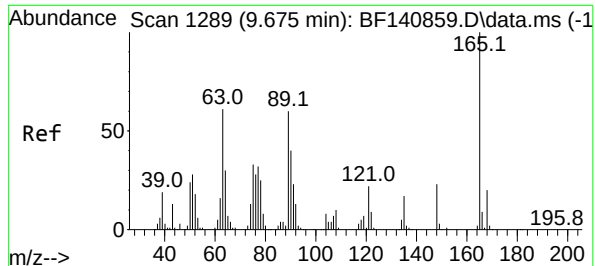
Ion Ratio Lower Upper

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# 1288

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

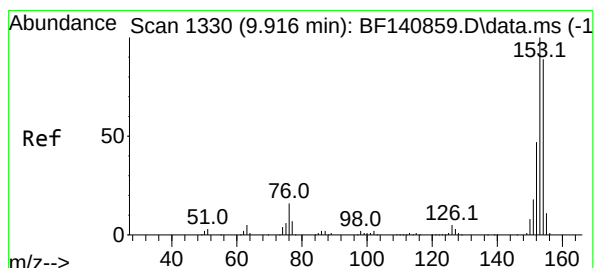
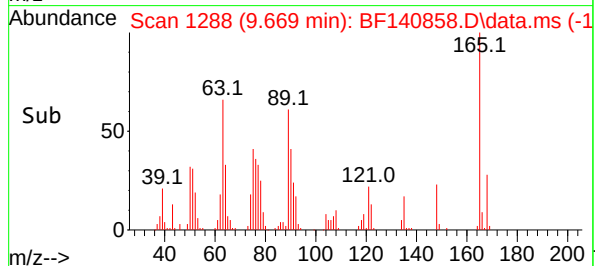
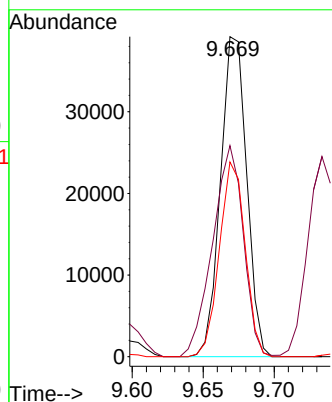
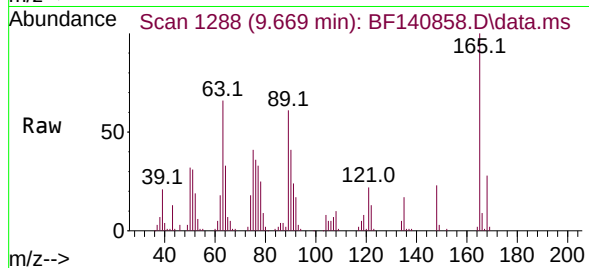
Tgt Ion:165 Resp: 50302

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

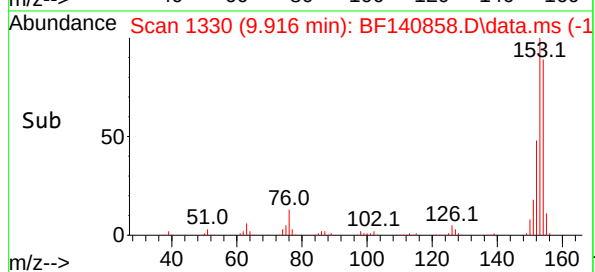
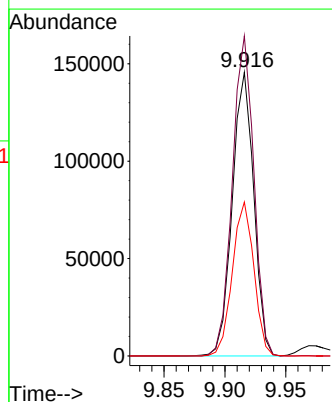
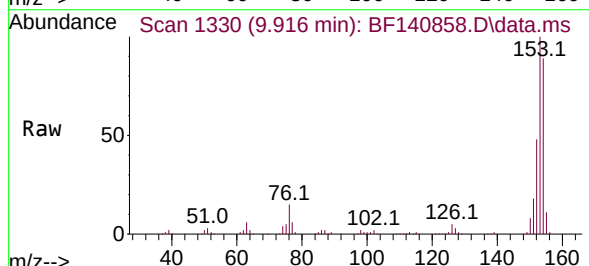
Tgt Ion:154 Resp: 179112

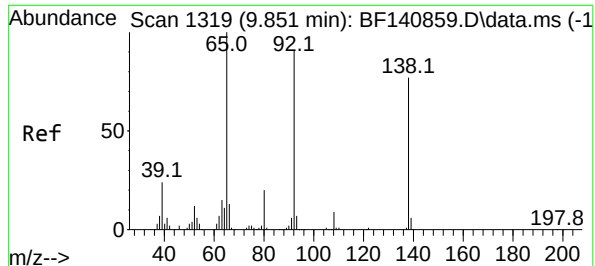
Ion Ratio Lower Upper

154 100

153 112.8 89.9 134.9

152 54.2 42.6 63.8

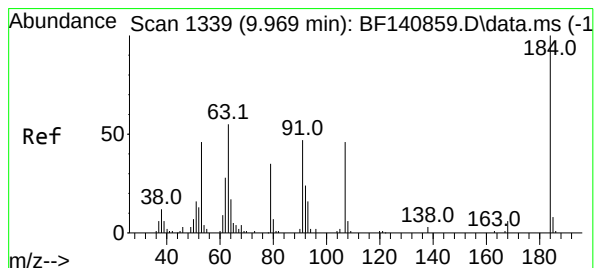
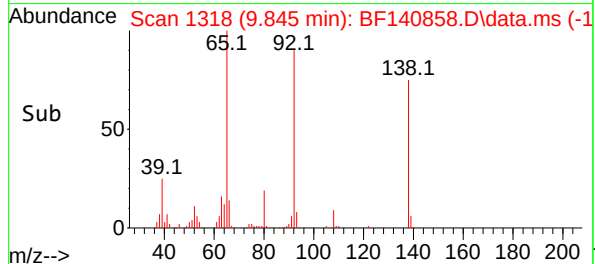
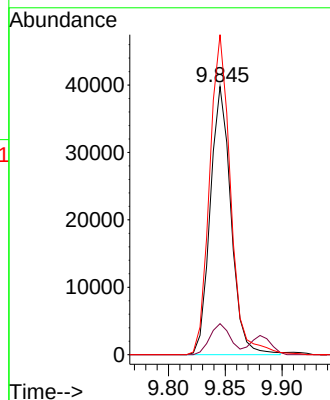
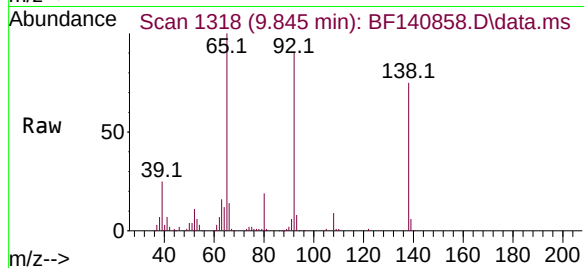




#53
3-Nitroaniline
Concen: 20.538 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

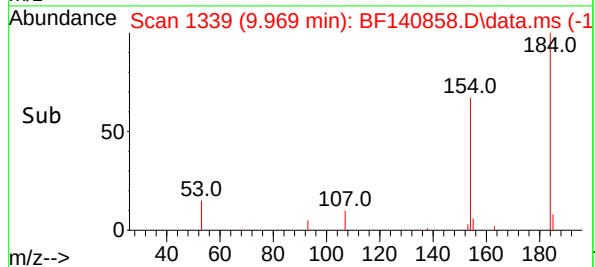
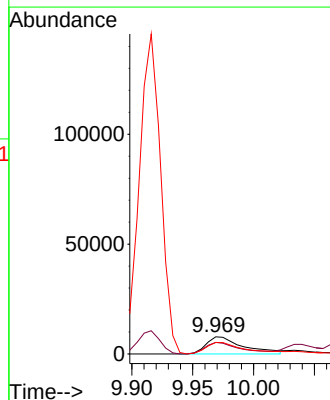
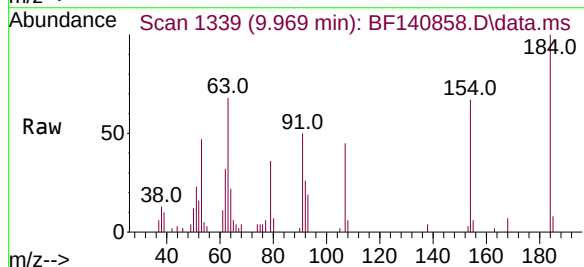
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

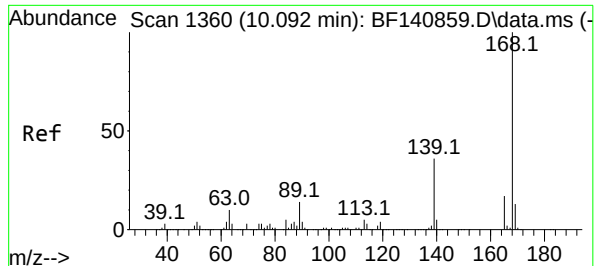
Tgt Ion:138 Resp: 50453
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 119.3 95.5 143.3



#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

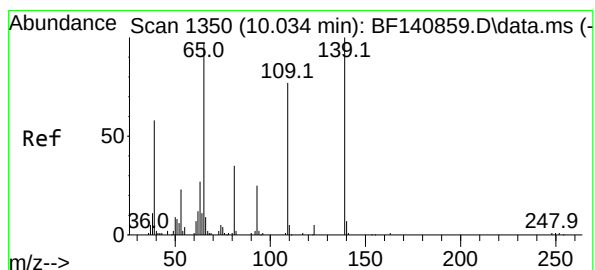
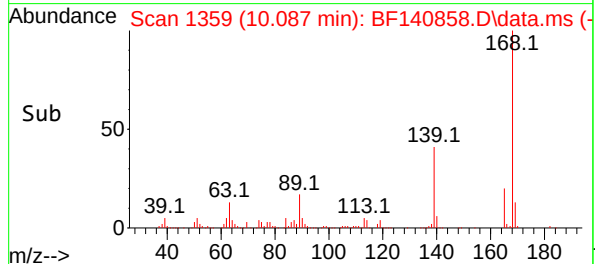
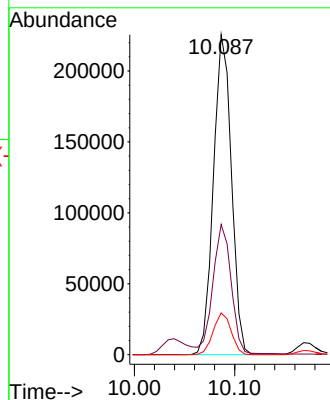
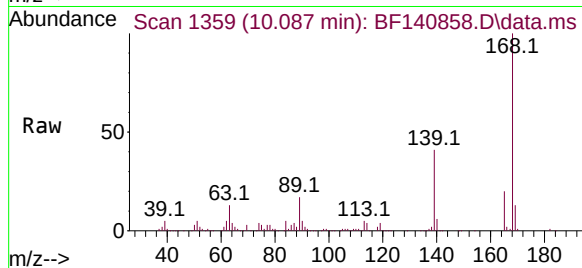




#55
Dibenzenofuran
Concen: 20.683 ng
RT: 10.087 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

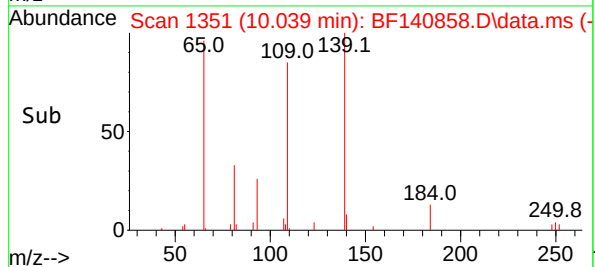
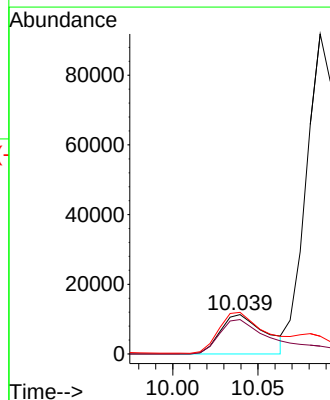
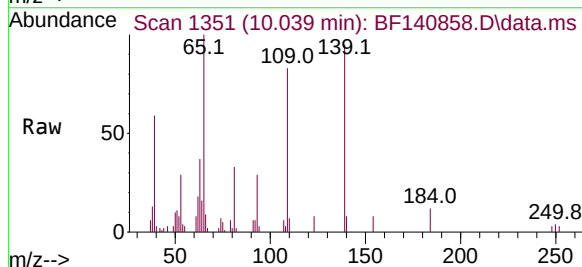
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

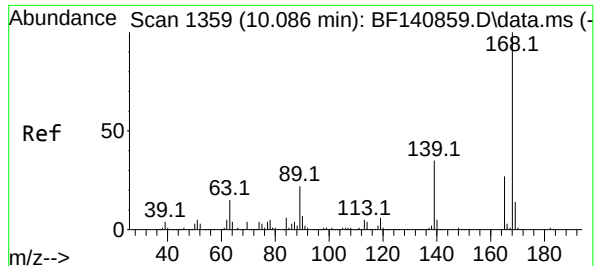
Tgt Ion:168 Resp: 281092
Ion Ratio Lower Upper
168 100
139 40.7 31.1 46.7
169 13.1 10.6 16.0



#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

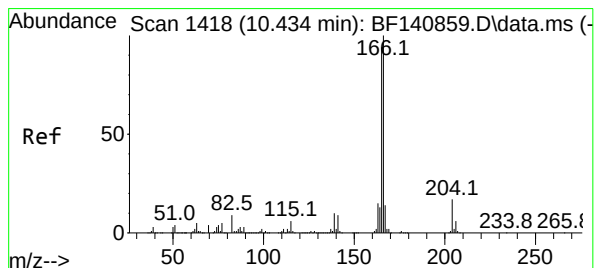
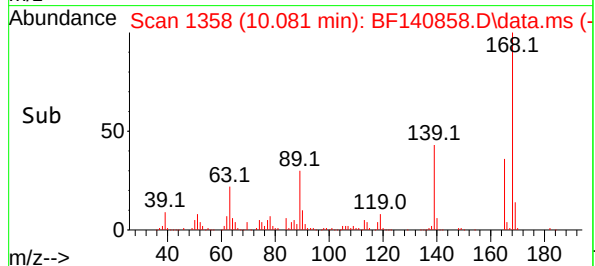
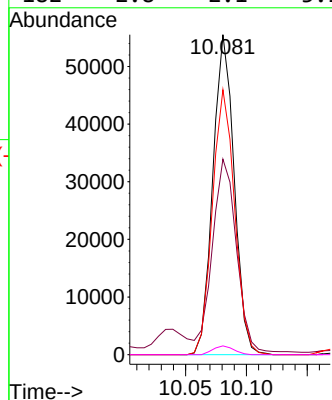
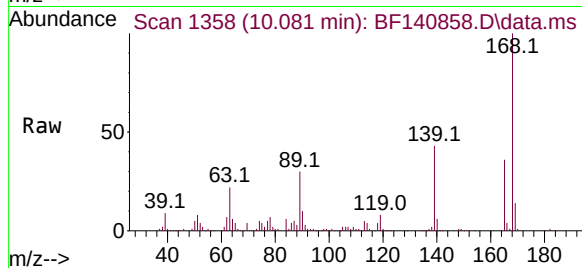




#57
2,4-Dinitrotoluene
Concen: 20.746 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

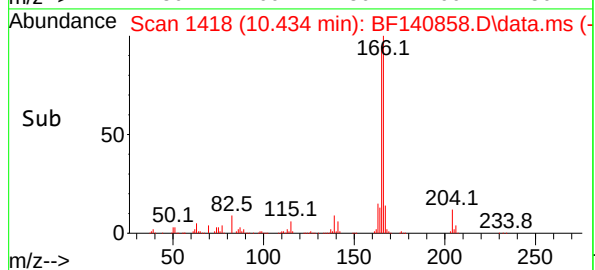
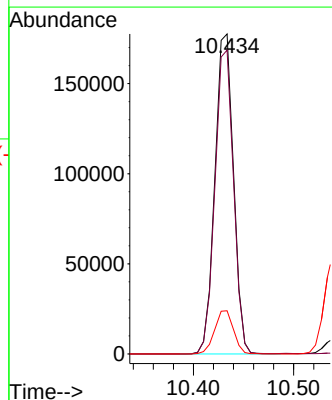
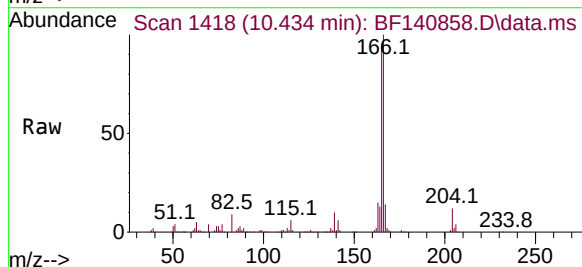
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

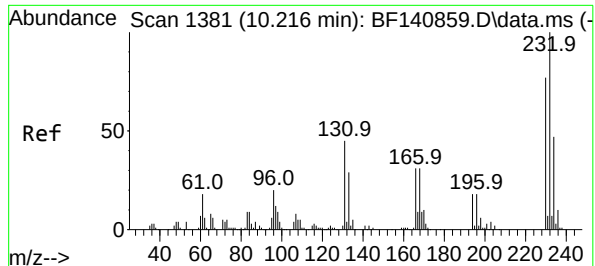
Tgt Ion:165	Resp:	67570
Ion	Ratio	Lower Upper
165	100	
63	61.1	49.3 73.9
89	82.8	66.2 99.4
182	2.8	2.1 3.1



#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

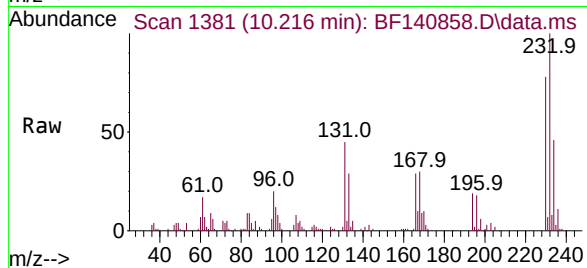
Tgt Ion:166	Resp:	229160
Ion	Ratio	Lower Upper
166	100	
165	95.0	75.1 112.7
167	13.5	11.1 16.7



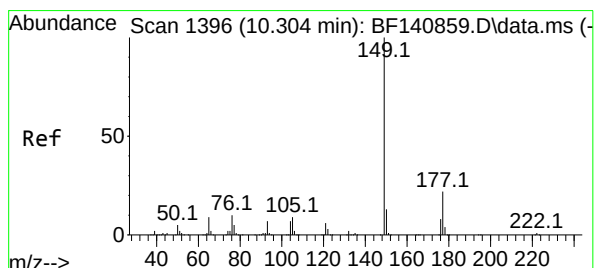
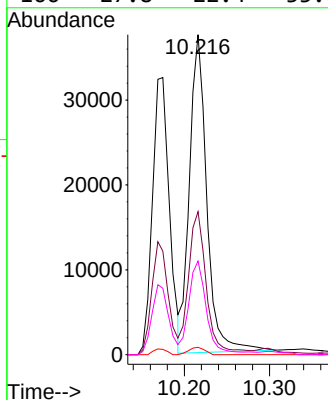
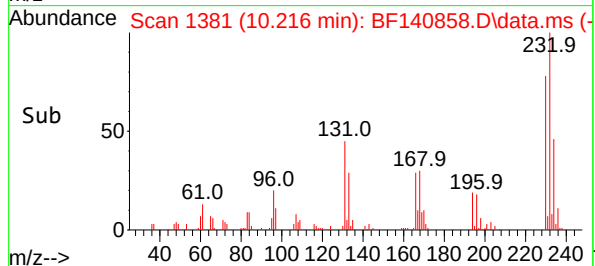


#59
2,3,4,6-Tetrachlorophenol
Concen: 20.459 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

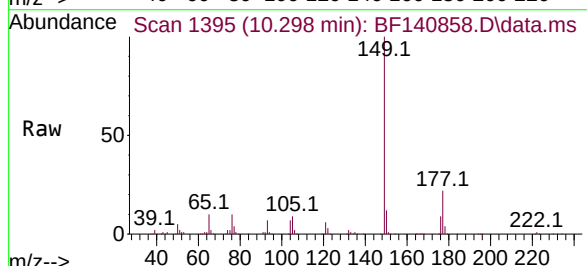
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



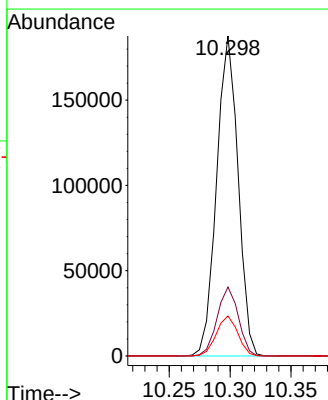
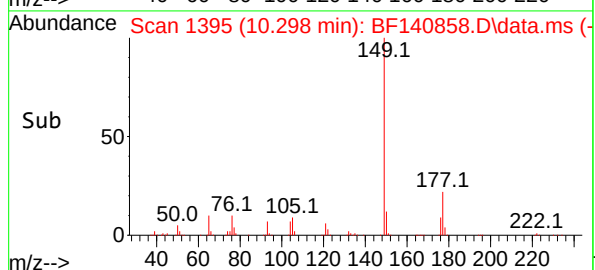
Tgt Ion:232 Resp: 52966
Ion Ratio Lower Upper
232 100
131 46.0 35.1 52.7
130 2.1 1.8 2.8
166 27.8 22.4 33.6

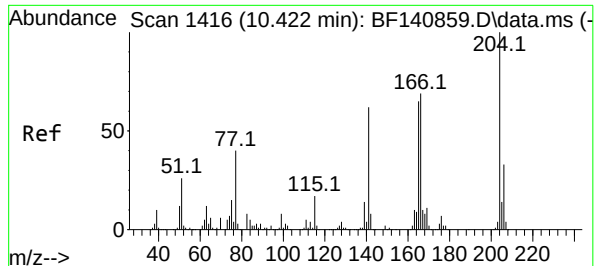


#60
Diethylphthalate
Concen: 20.466 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00



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

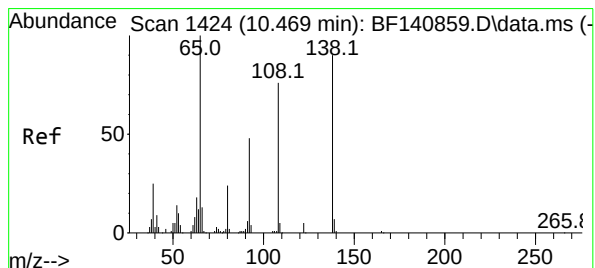
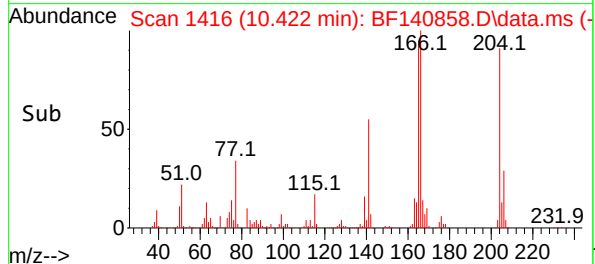
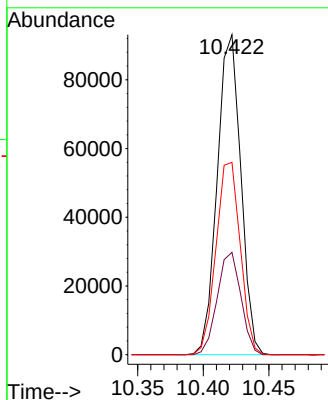
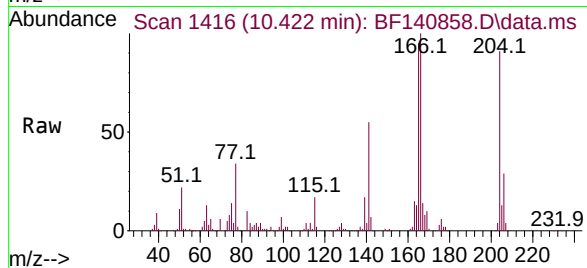




#61
4-Chlorophenyl-phenylether
Concen: 20.693 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

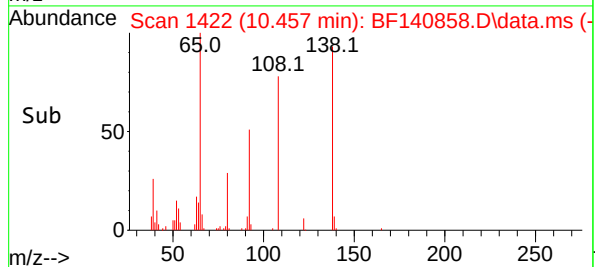
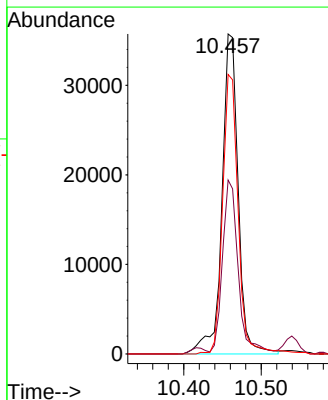
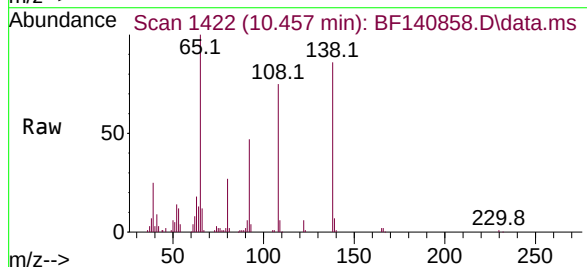
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

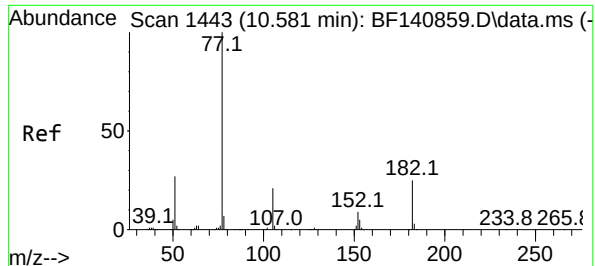
Tgt Ion:204 Resp: 116545
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 60.1 50.0 75.0



#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

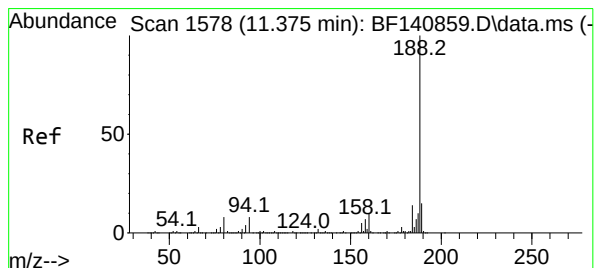
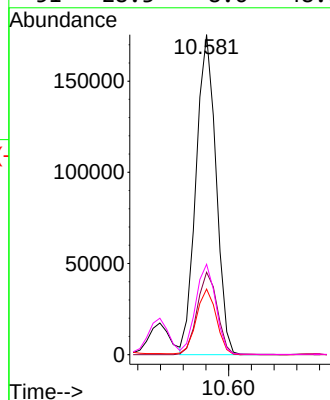
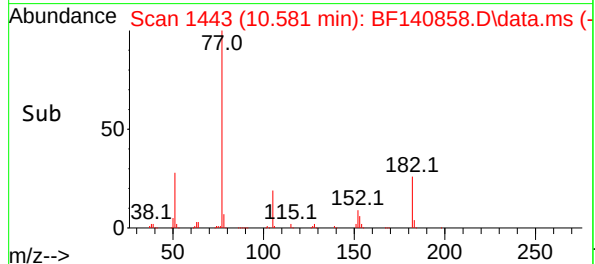
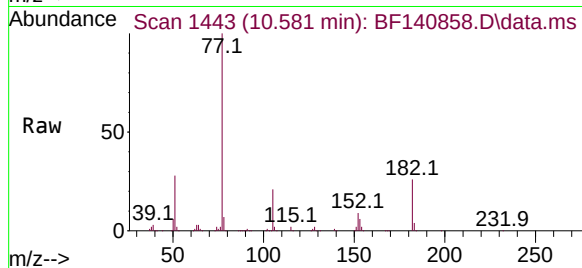




#63
Azobenzene
Concen: 20.286 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

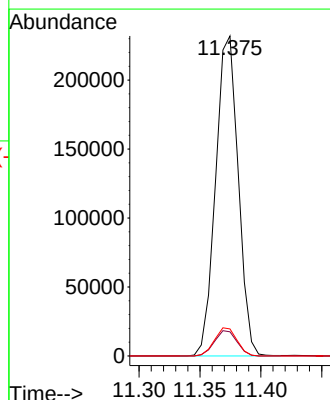
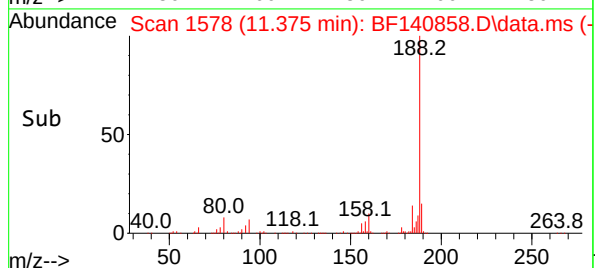
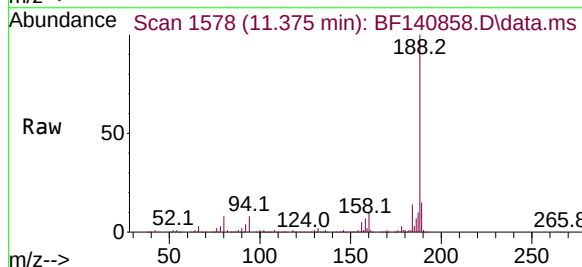
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

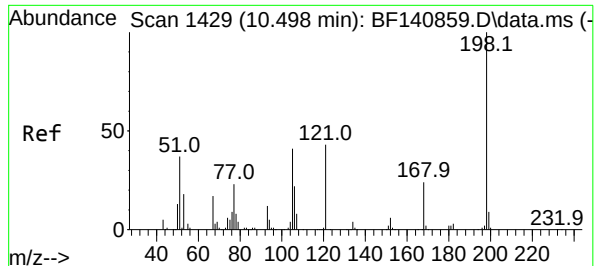
Tgt Ion:	77	Resp:	214137
Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.5	44.5
105	20.5	0.9	40.9
51	28.3	8.6	48.6



#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

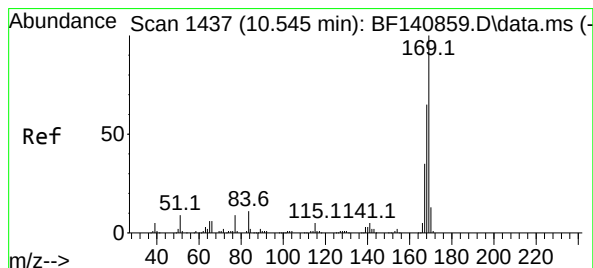
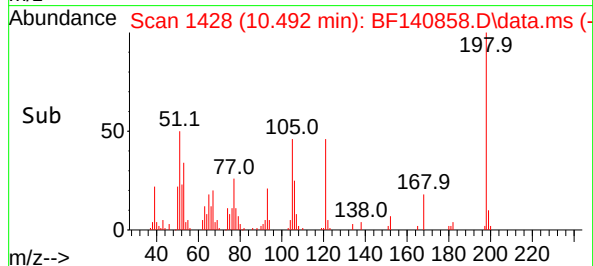
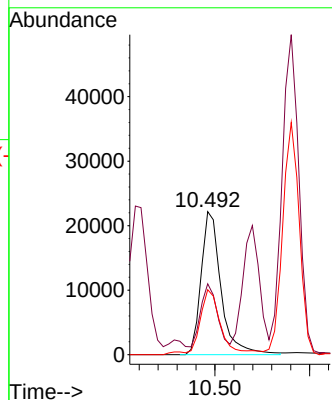
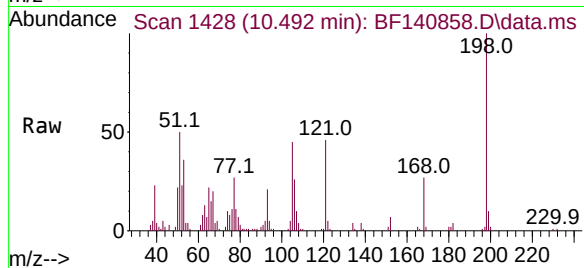




#65
4,6-Dinitro-2-methylphenol
Concen: 19.149 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

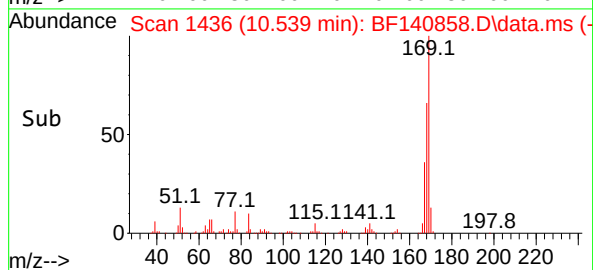
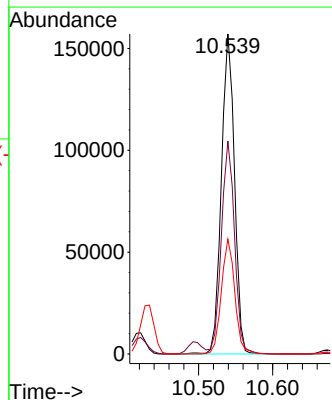
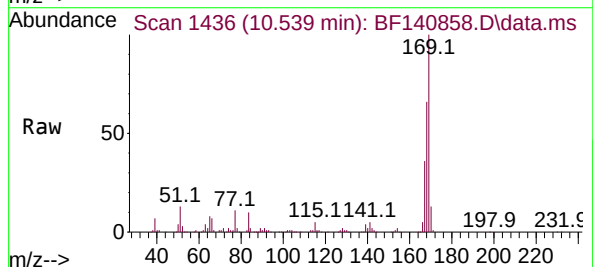
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

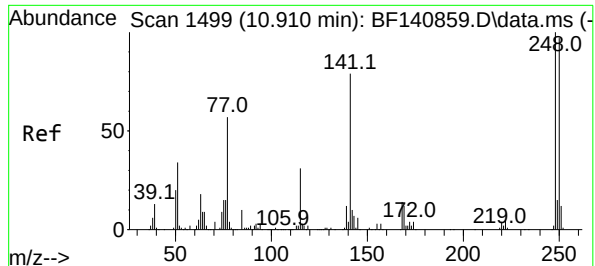
Tgt Ion:198 Resp: 32520
Ion Ratio Lower Upper
198 100
51 49.6 24.4 64.4
105 45.4 22.1 62.1



#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

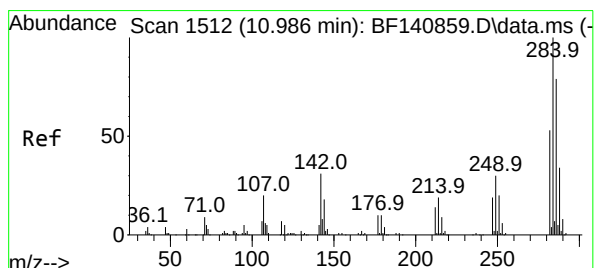
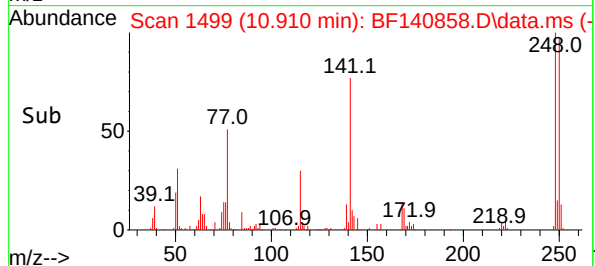
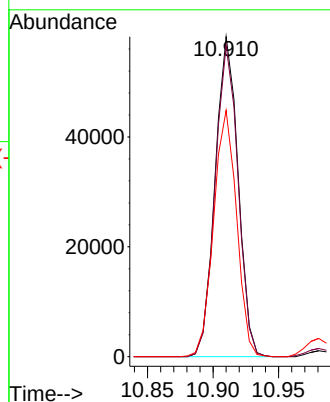
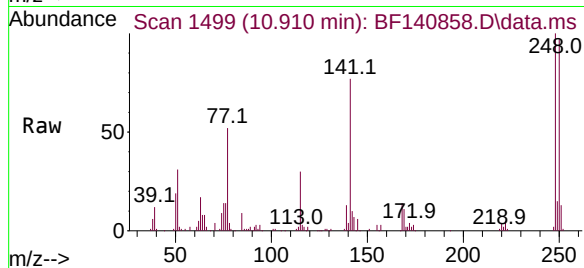




#67
4-Bromophenyl-phenylether
Concen: 21.118 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

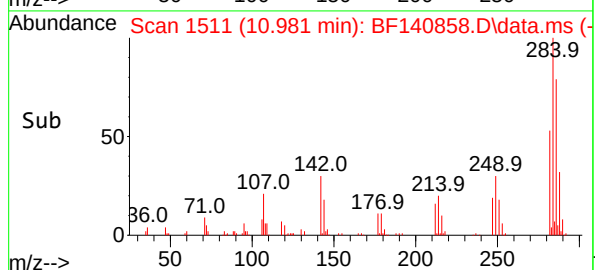
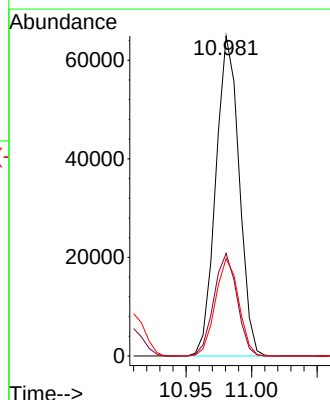
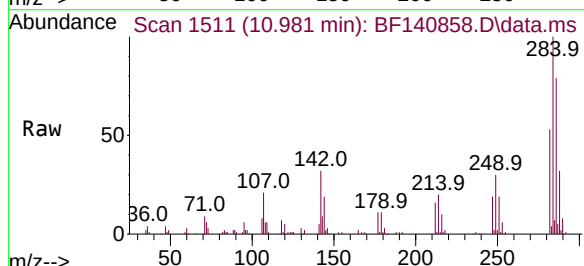
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

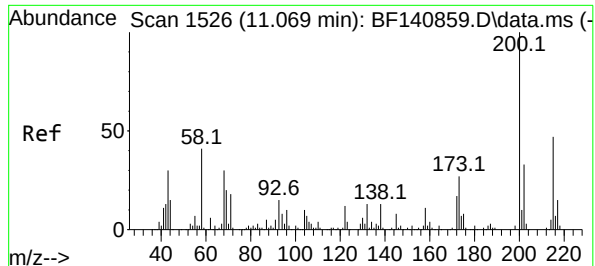
Tgt Ion:248 Resp: 70804
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.2
141 77.0 62.9 94.3



#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# 1526

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

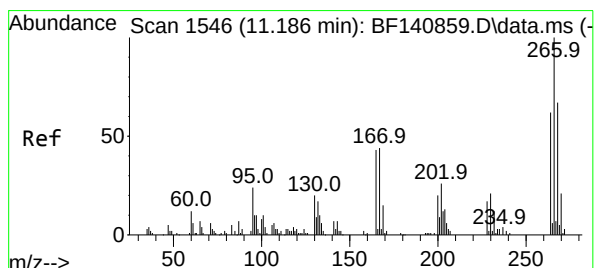
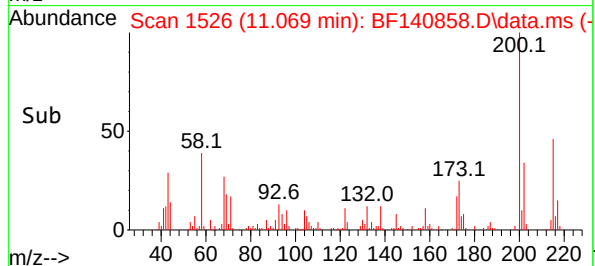
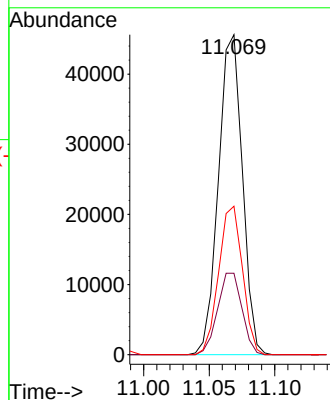
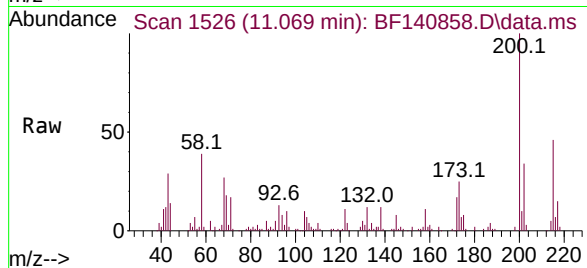
Tgt Ion:200 Resp: 57872

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

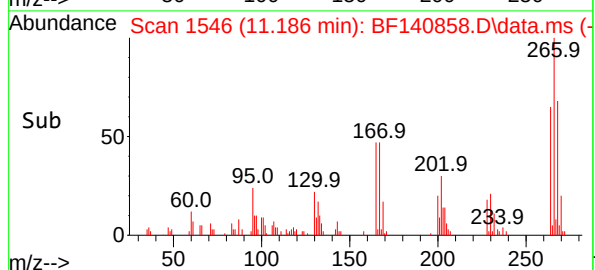
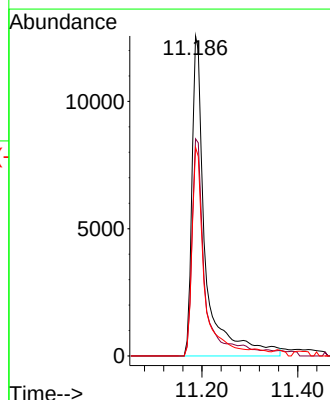
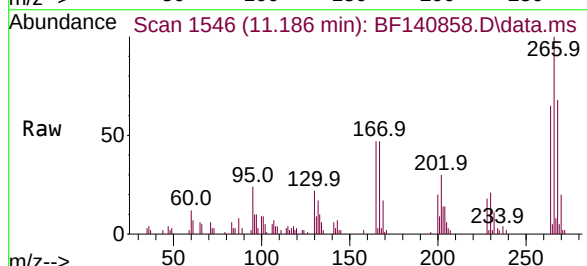
Tgt Ion:266 Resp: 24650

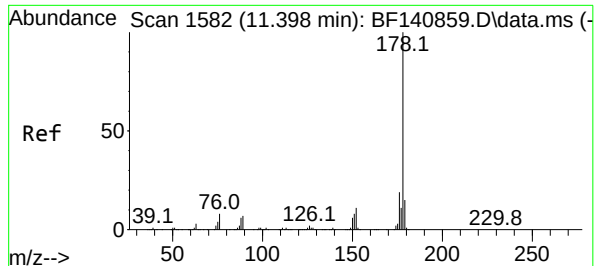
Ion Ratio Lower Upper

266 100

268 67.9 54.0 81.0

264 65.2 49.4 74.2

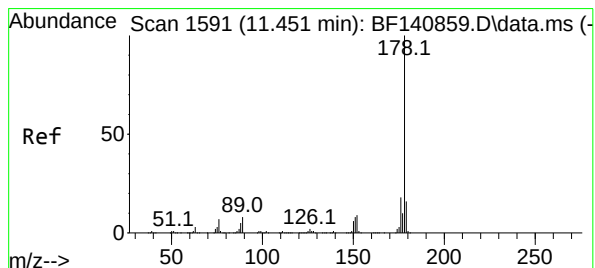
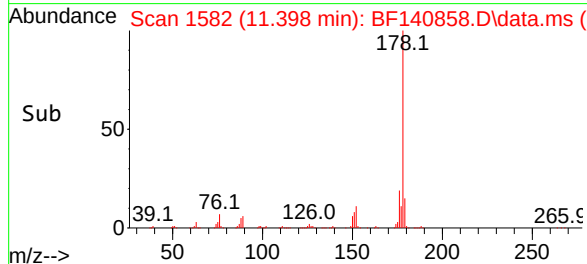
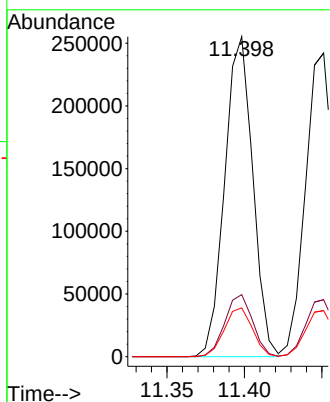
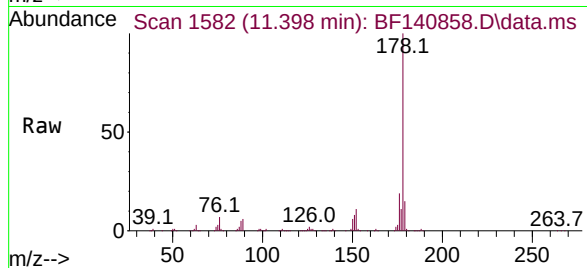




#71
Phenanthrene
Concen: 20.854 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

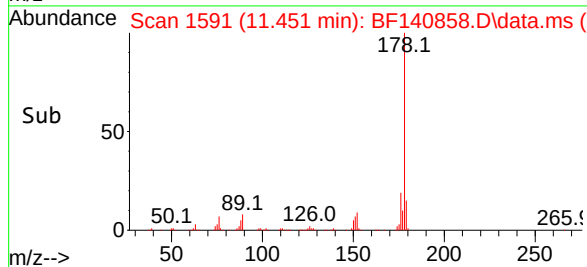
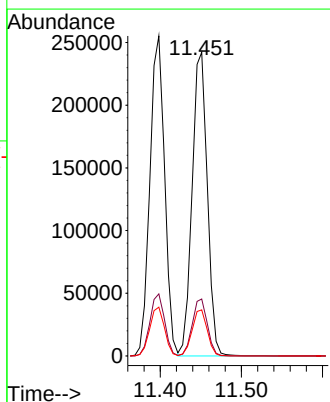
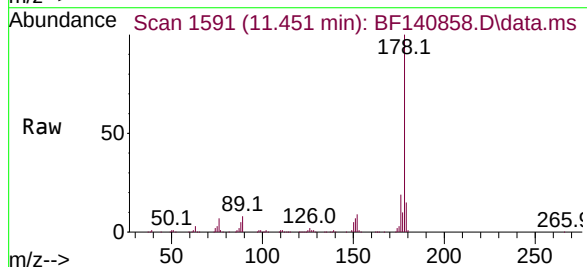
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

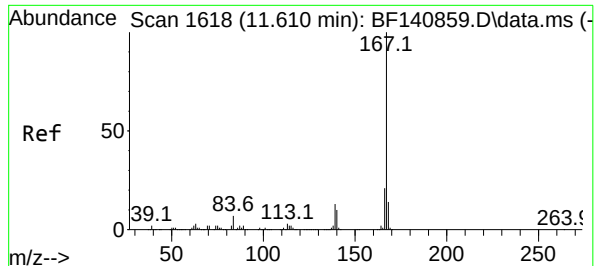
Tgt Ion:178 Resp: 321392
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.1 18.1



#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

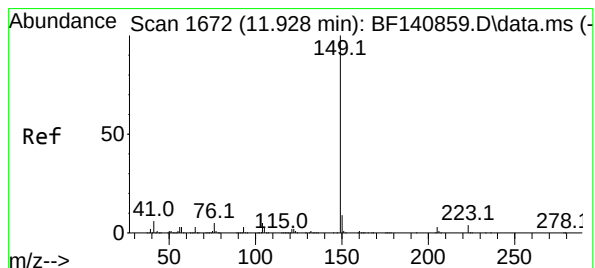
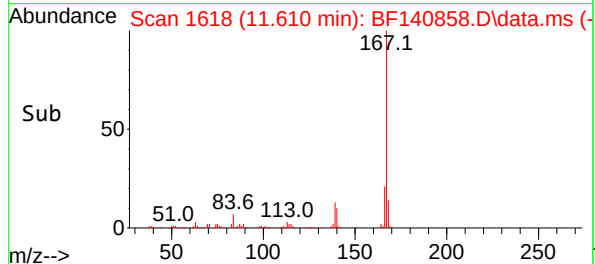
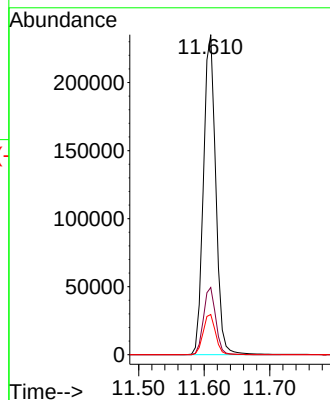
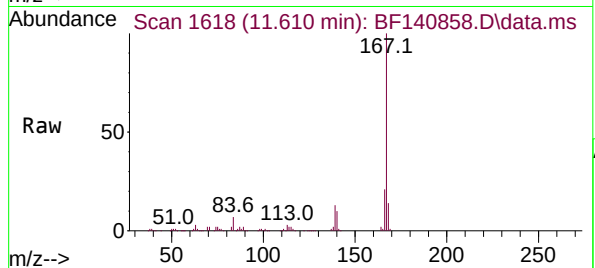




#73
Carbazole
Concen: 20.692 ng
RT: 11.610 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

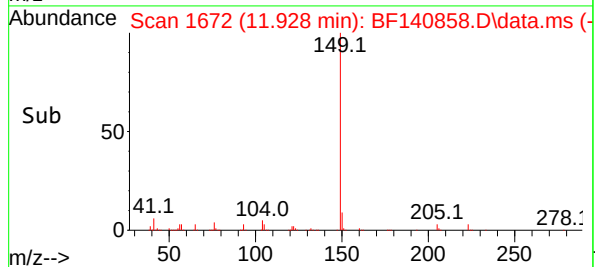
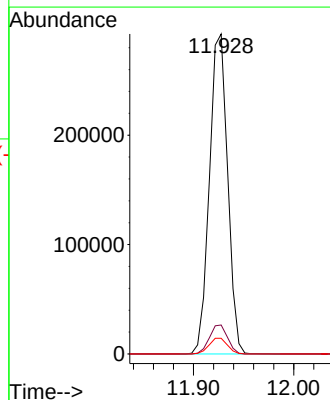
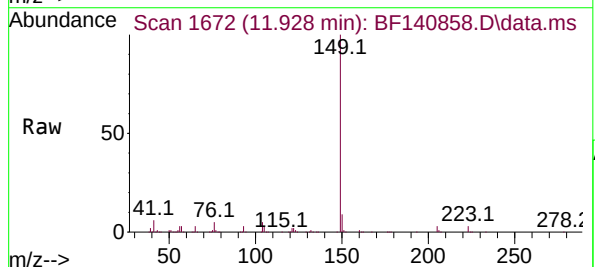
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

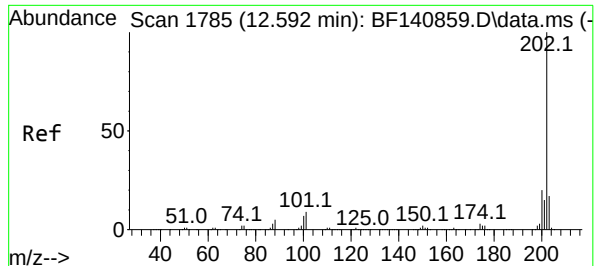
Tgt Ion:167 Resp: 307615
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.6
139 12.6 10.2 15.2



#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

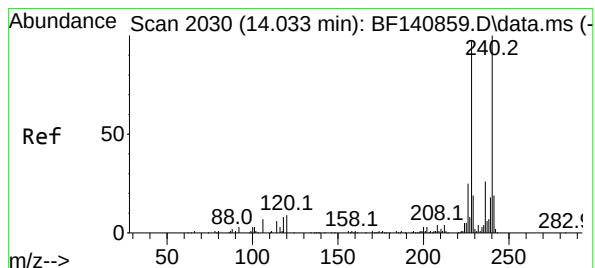
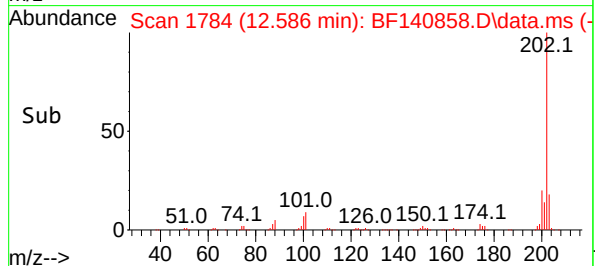
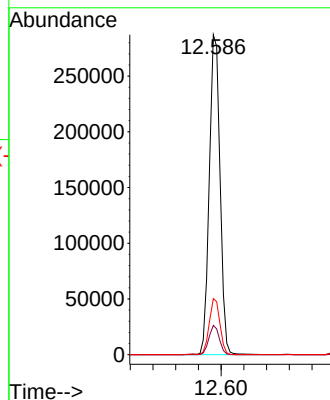
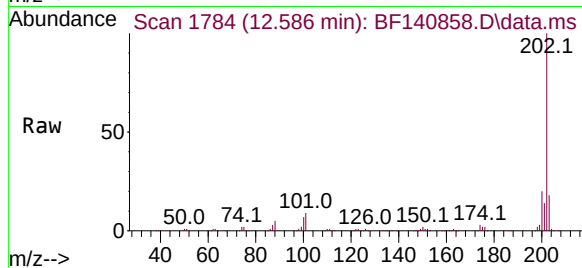




#75
Fluoranthene
Concen: 21.122 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

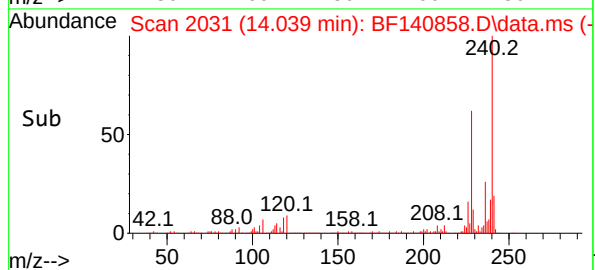
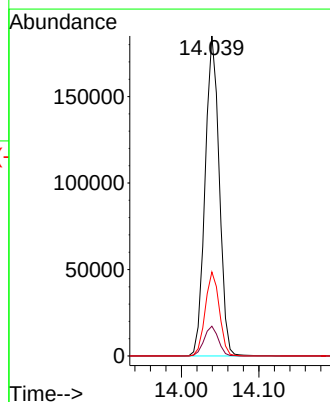
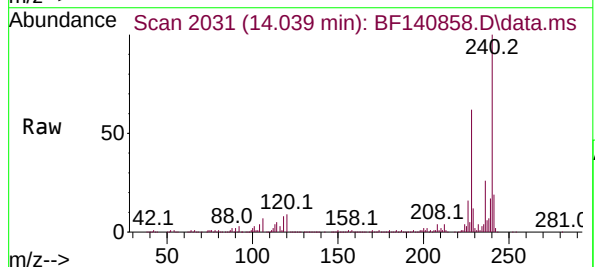
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

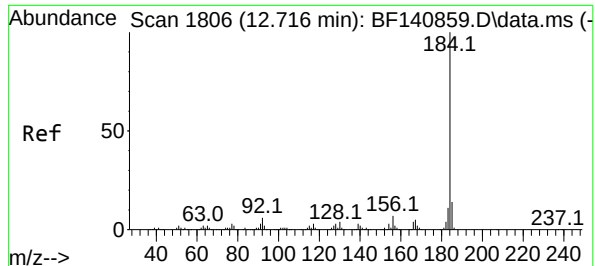
Tgt Ion:202 Resp: 374894
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.3
203 17.5 0.0 37.4



#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

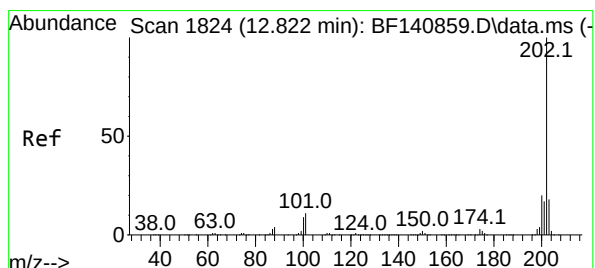
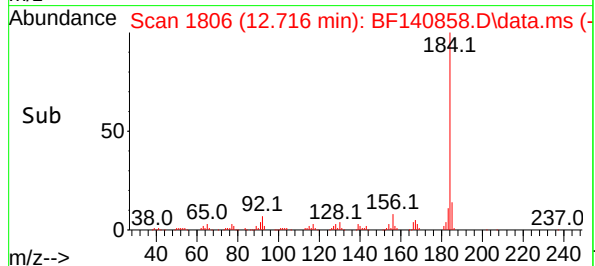
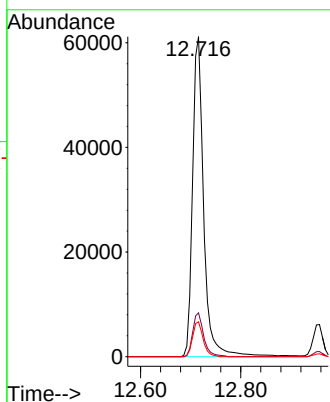
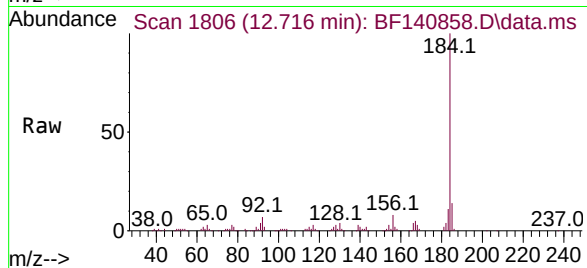




#77
Benzidine
Concen: 19.660 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

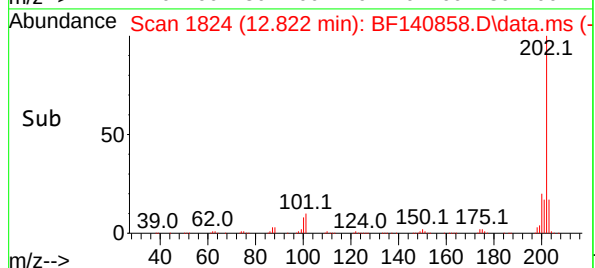
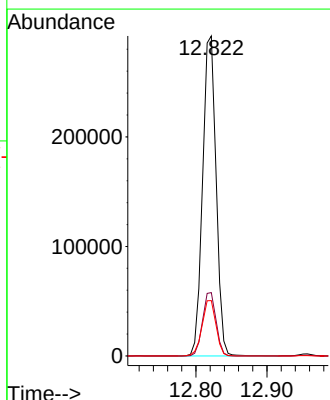
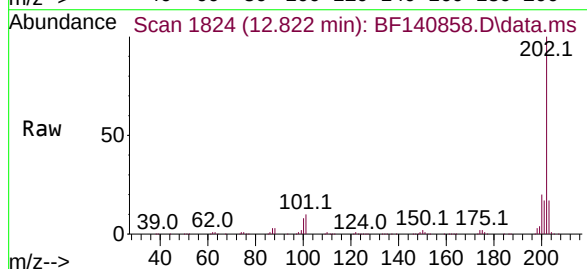
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

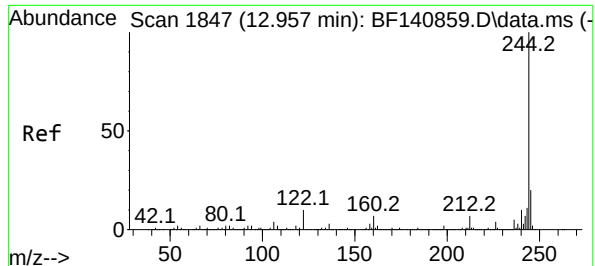
Tgt Ion:184 Resp: 93986
Ion Ratio Lower Upper
184 100
185 13.7 11.1 16.7
183 10.9 9.0 13.4



#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# 1847

Delta R.T. 0.000 min

Lab File: BF140858.D

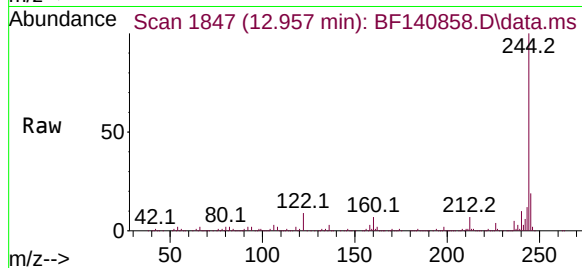
Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



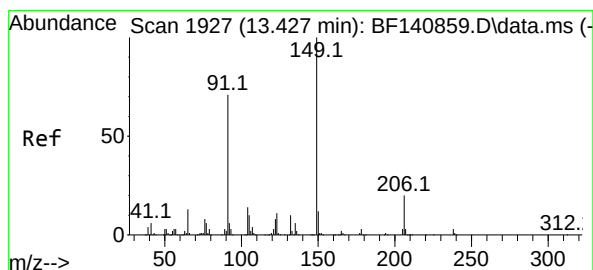
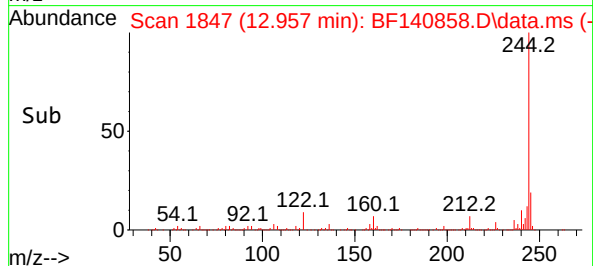
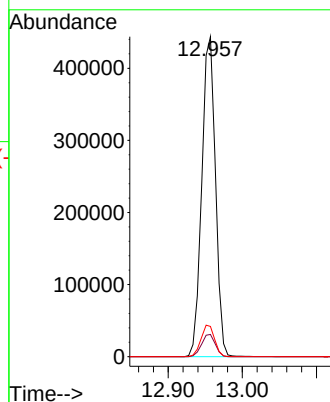
Tgt Ion:244 Resp: 570640

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

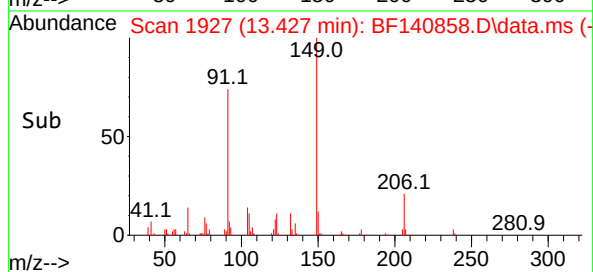
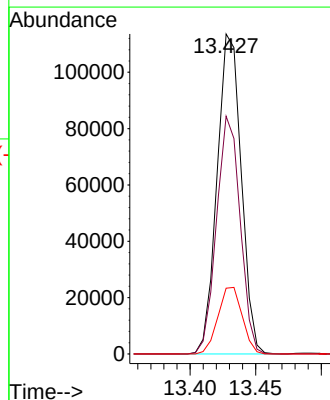
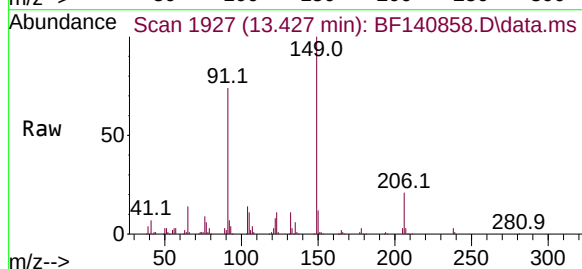
Tgt Ion:149 Resp: 145401

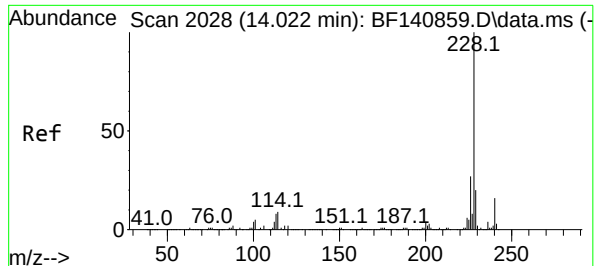
Ion Ratio Lower Upper

149 100

91 74.3 56.7 85.1

206 20.6 16.4 24.6

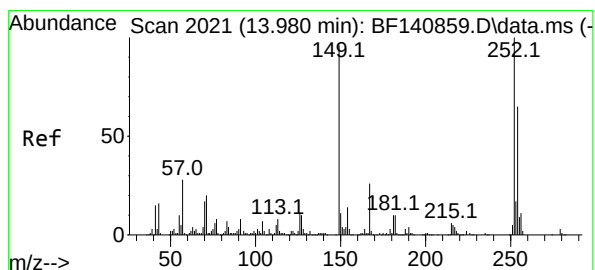
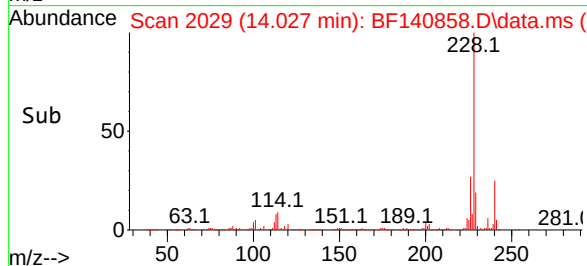
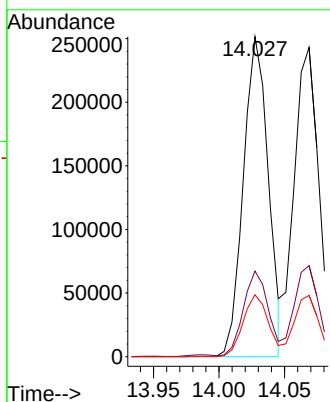
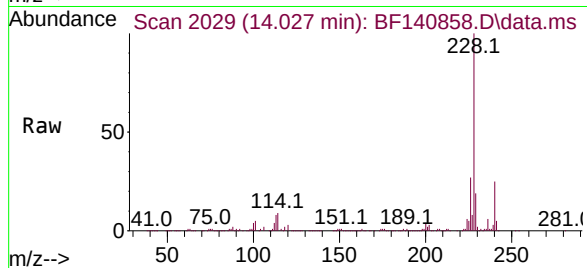




#81
Benzo(a)anthracene
Concen: 20.050 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

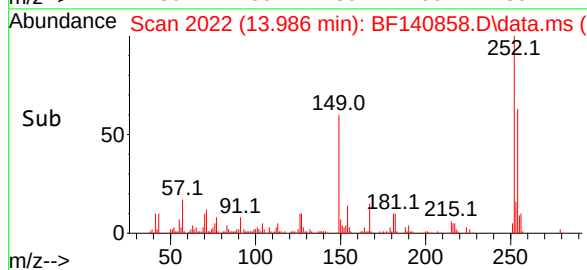
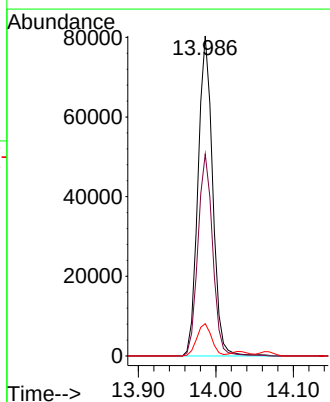
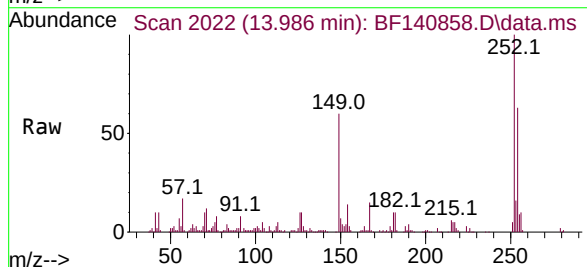
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

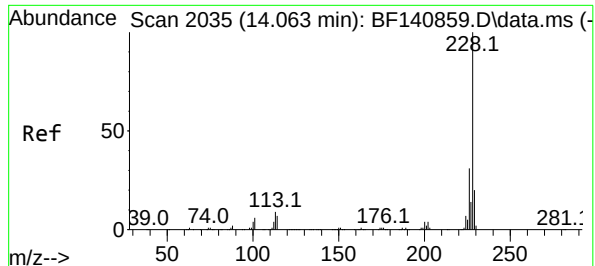
Tgt Ion:228 Resp: 332845
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.3 15.8 23.8



#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

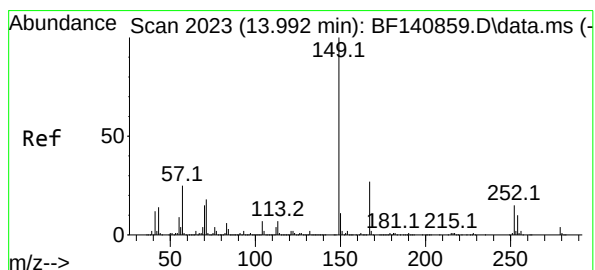
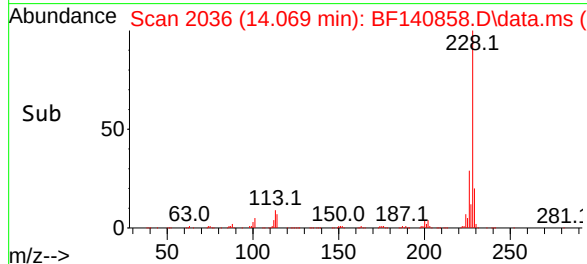
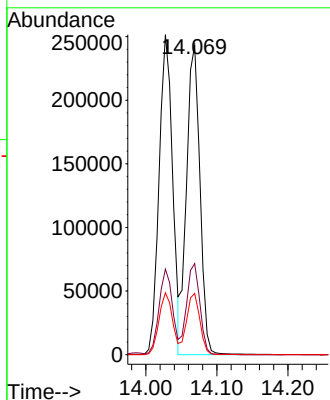
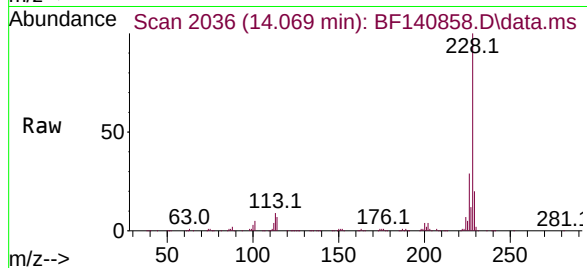




#83
Chrysene
Concen: 21.160 ng
RT: 14.069 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

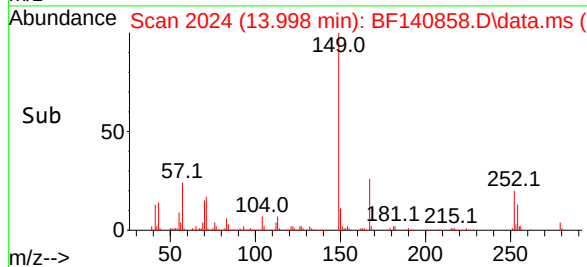
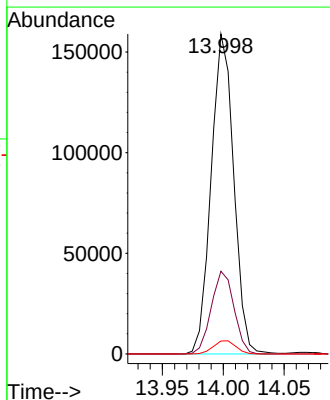
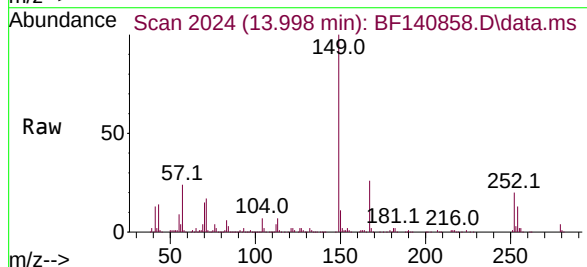
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

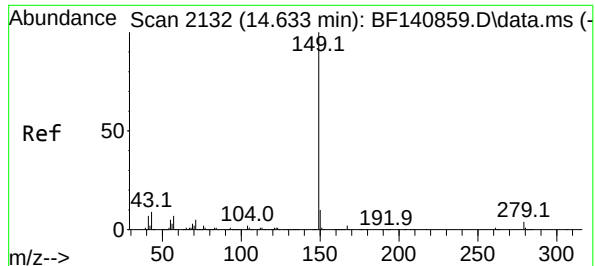
Tgt Ion:228 Resp: 319417
Ion Ratio Lower Upper
228 100
226 29.4 24.1 36.1
229 19.8 16.0 24.0



#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

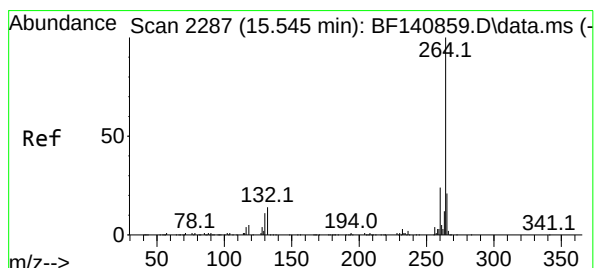
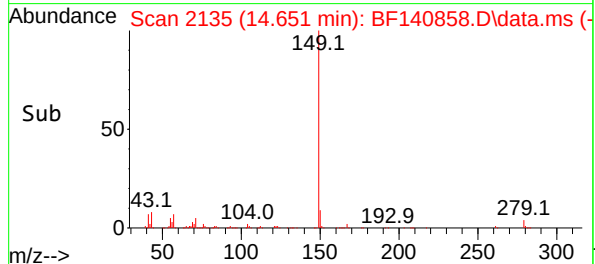
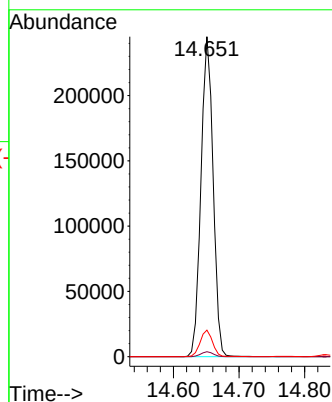
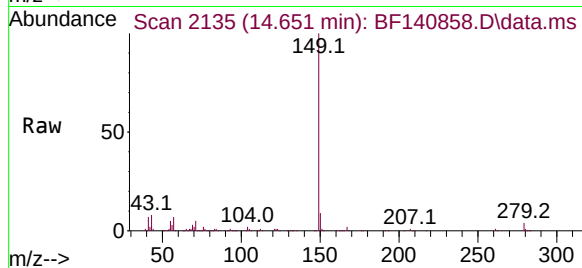




#85
Di-n-octyl phthalate
Concen: 21.125 ng
RT: 14.651 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

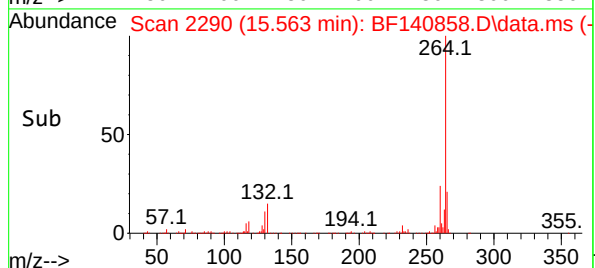
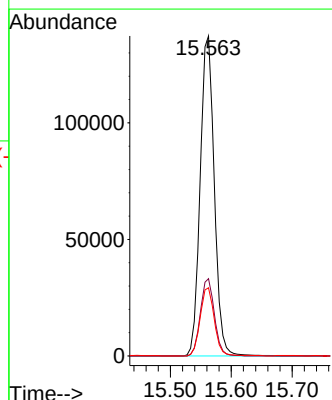
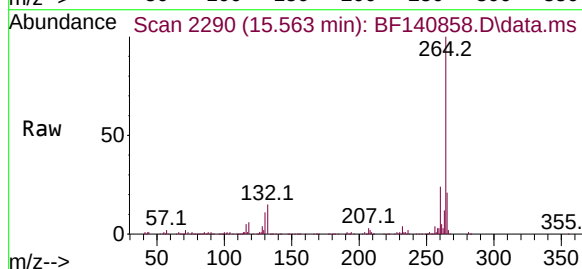
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

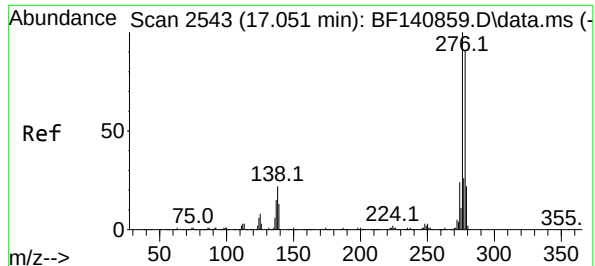
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	7.0	10.6



#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	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.3	17.0	25.4

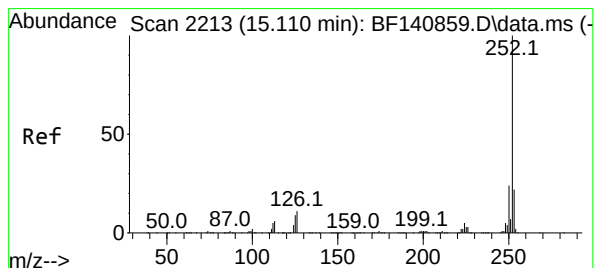
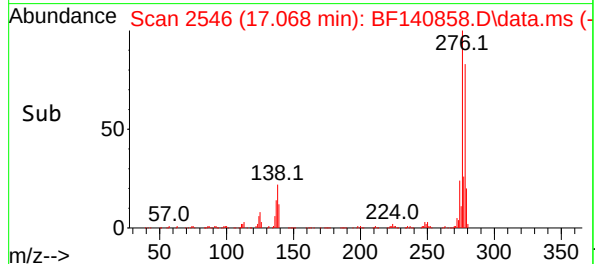
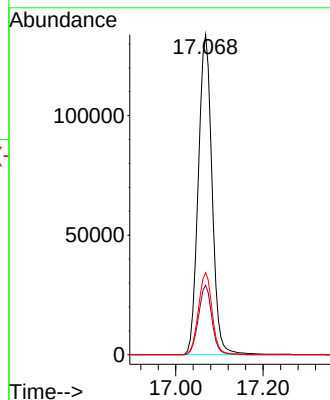
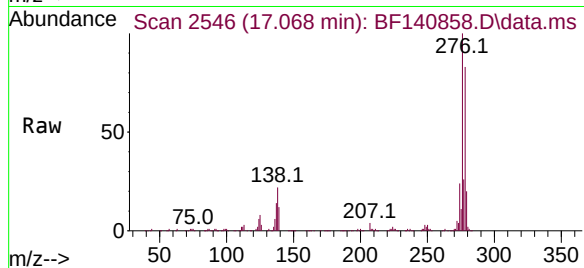




#87
Indeno(1,2,3-cd)pyrene
Concen: 21.315 ng
RT: 17.068 min Scan# 2115
Delta R.T. 0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

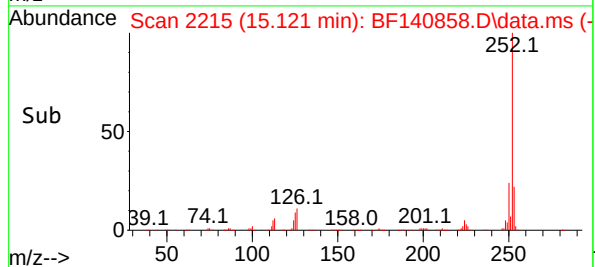
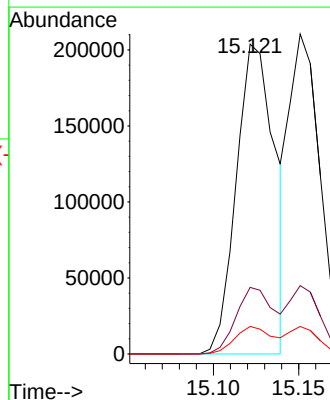
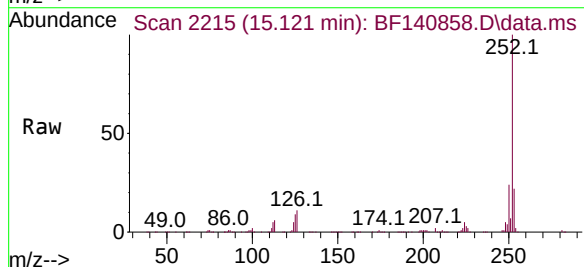
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

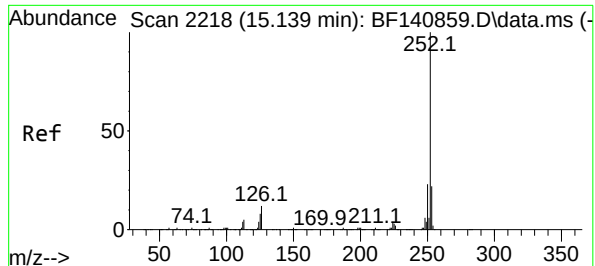
Tgt Ion:276 Resp: 293402
Ion Ratio Lower Upper
276 100
138 21.1 16.9 25.3
277 25.5 20.2 30.4



#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# 21

Delta R.T. 0.012 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

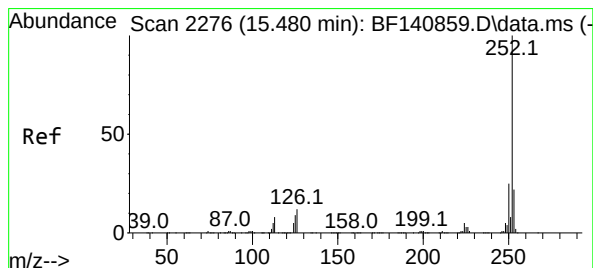
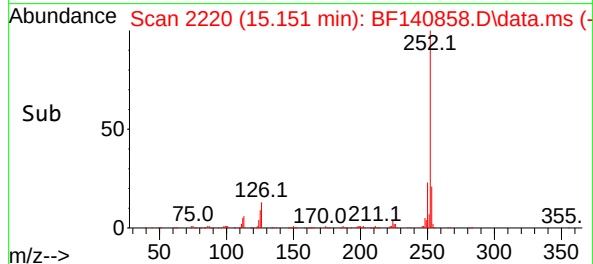
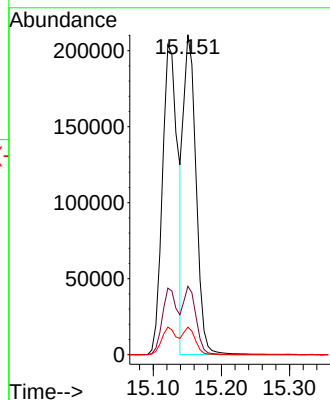
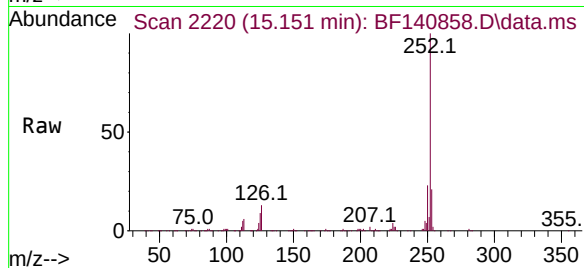
Tgt Ion:252 Resp: 269871

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

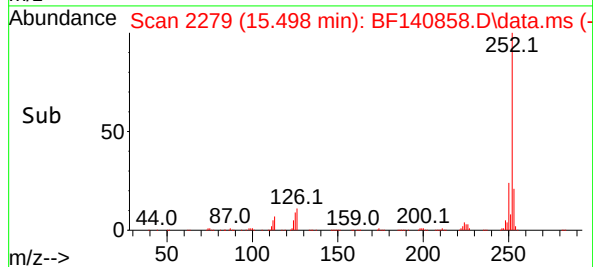
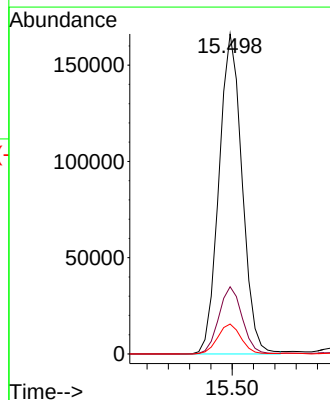
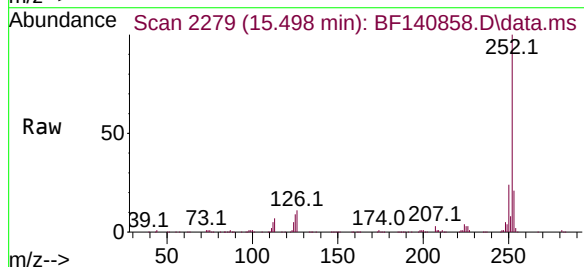
Tgt Ion:252 Resp: 250110

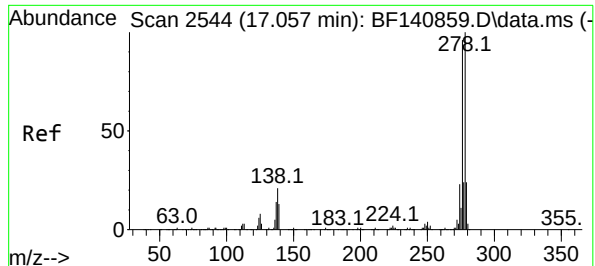
Ion Ratio Lower Upper

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# 21

Delta R.T. 0.018 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

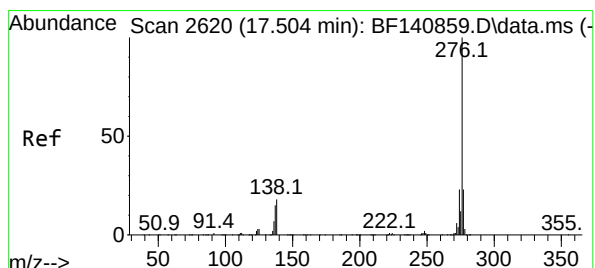
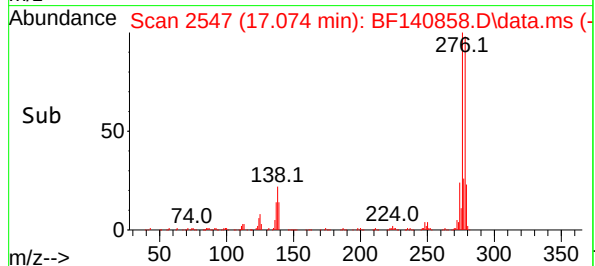
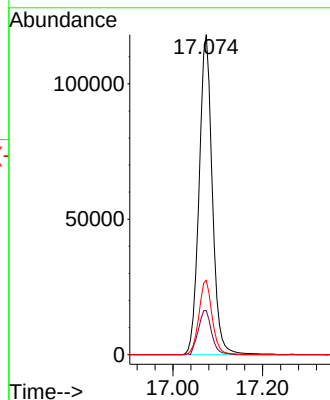
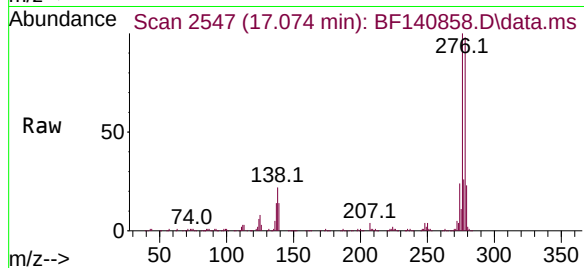
Tgt Ion:278 Resp: 240810

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

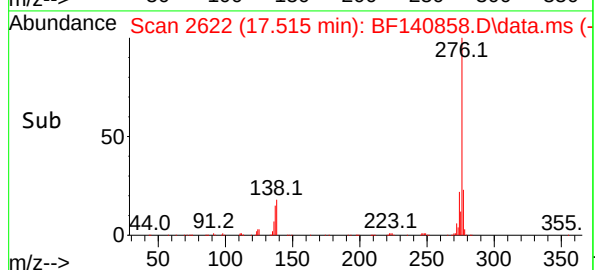
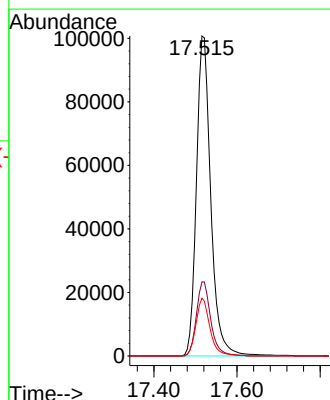
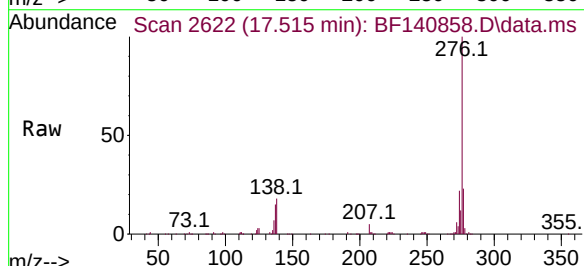
Tgt Ion:276 Resp: 241228

Ion Ratio Lower Upper

276 100

277 23.1 18.7 28.1

138 18.0 14.2 21.2



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

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

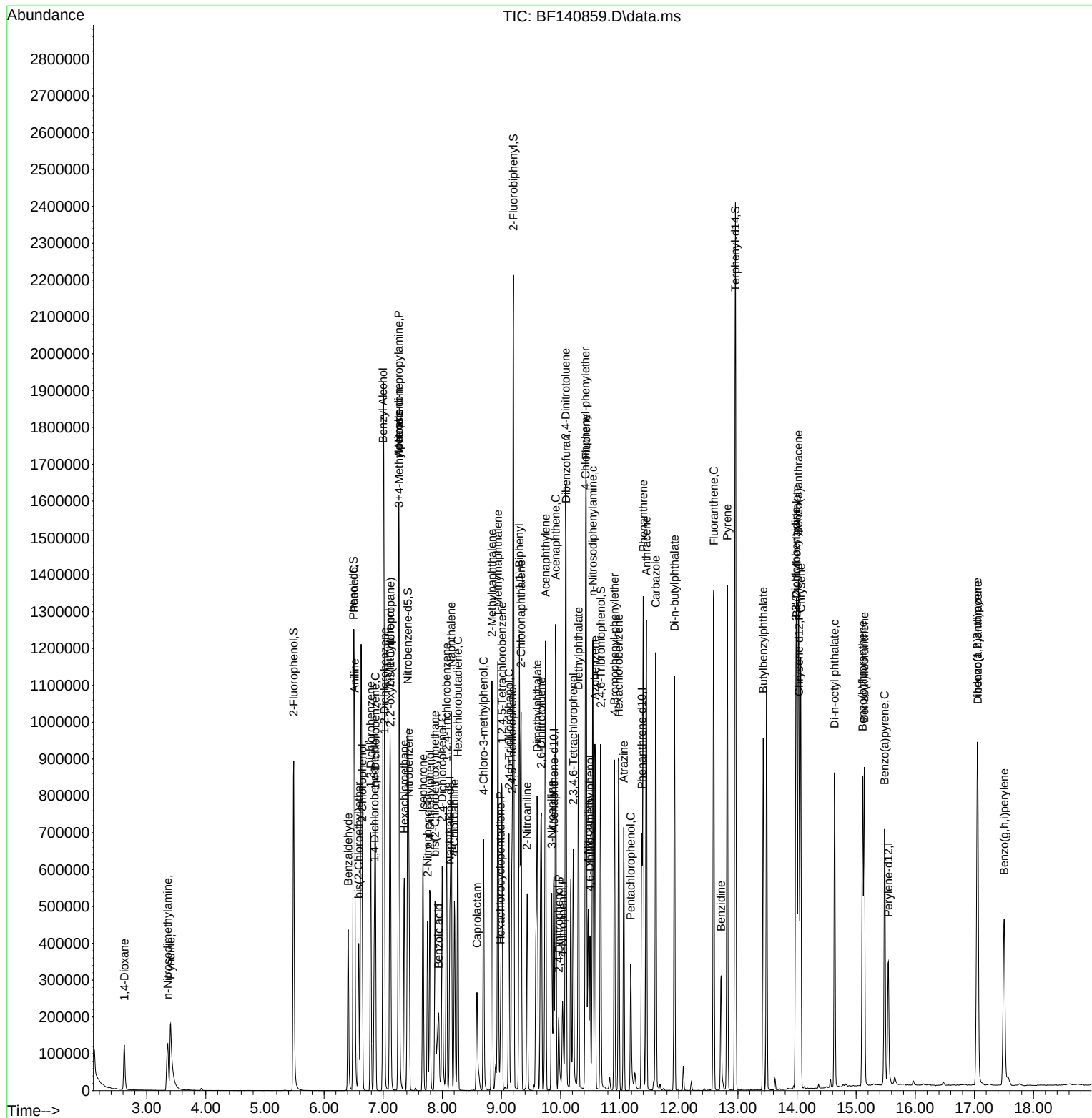
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	142411	38.395	ng	100
46) 1,1'-Biphenyl	9.304	154	542419	38.044	ng	100
47) 2-Chloronaphthalene	9.334	162	419357	38.447	ng	100
48) 2-Nitroaniline	9.434	65	128421	38.984	ng	100
49) Acenaphthylene	9.745	152	621763	38.790	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

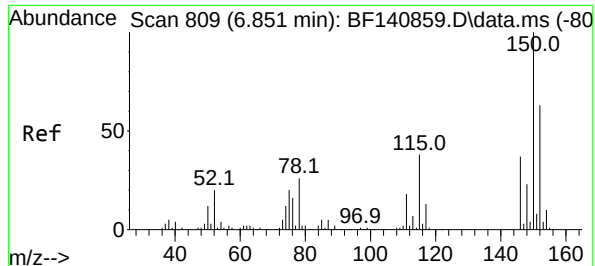
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

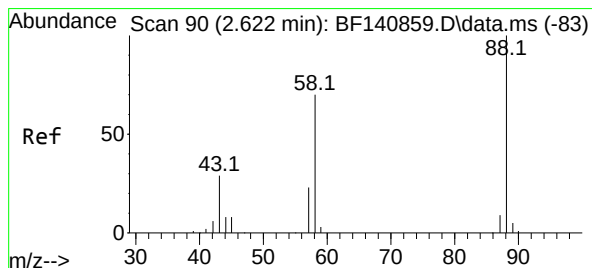
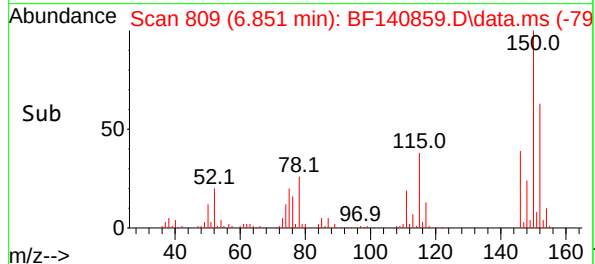
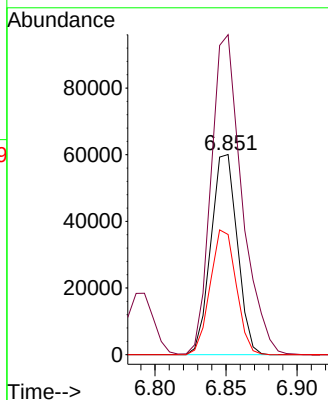
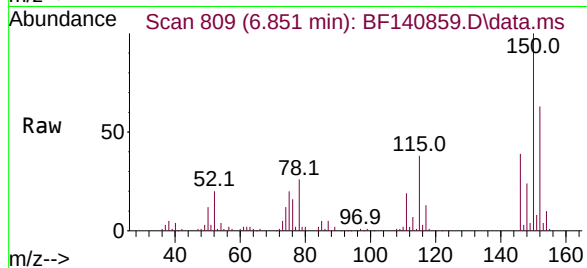




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

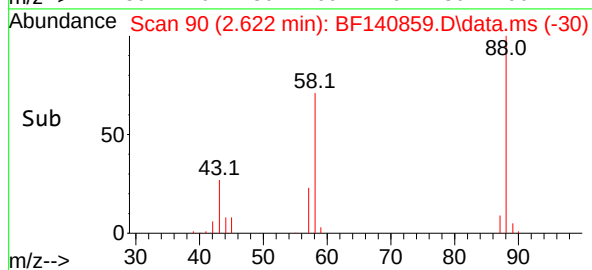
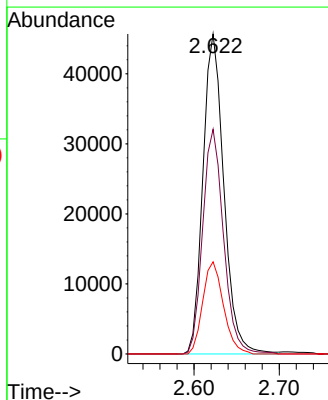
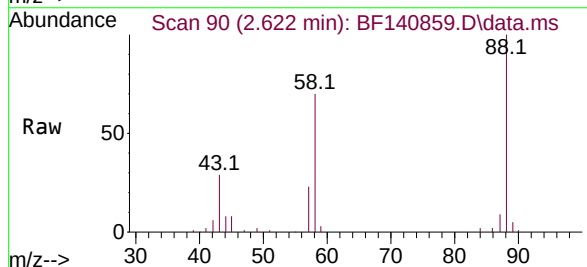
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

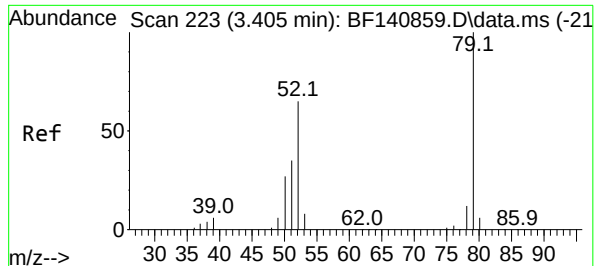
Tgt Ion:152 Resp: 77674
Ion Ratio Lower Upper
152 100
150 159.9 127.9 191.9
115 60.0 48.0 72.0



#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# 21

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

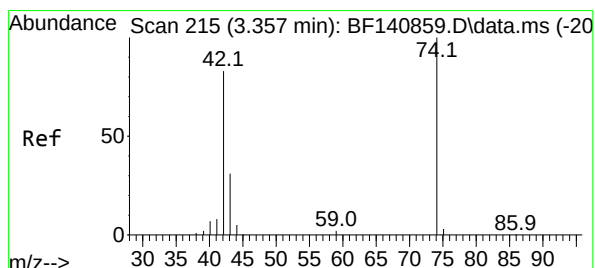
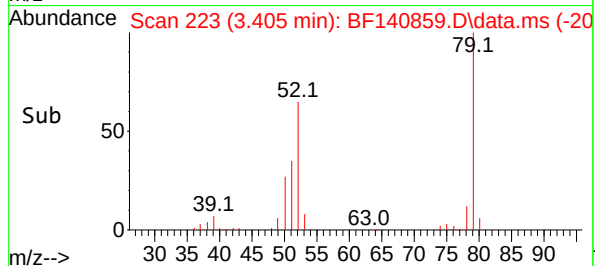
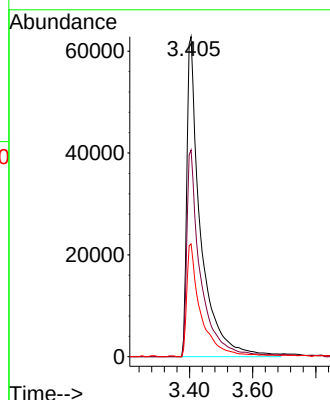
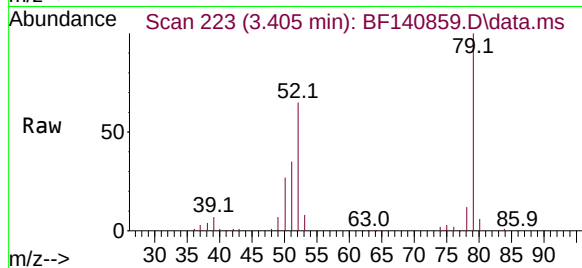
Tgt Ion: 79 Resp: 189803

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

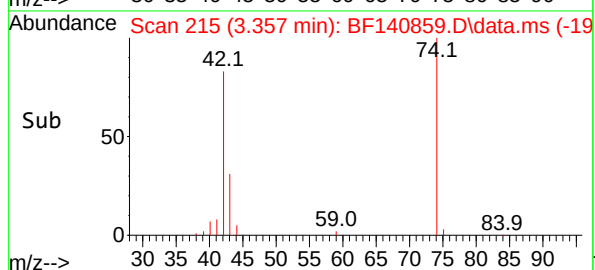
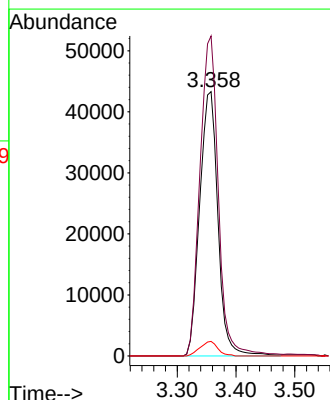
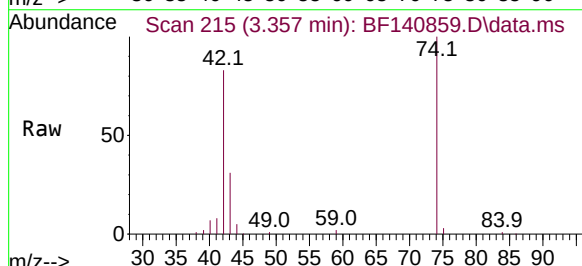
Tgt Ion: 42 Resp: 93747

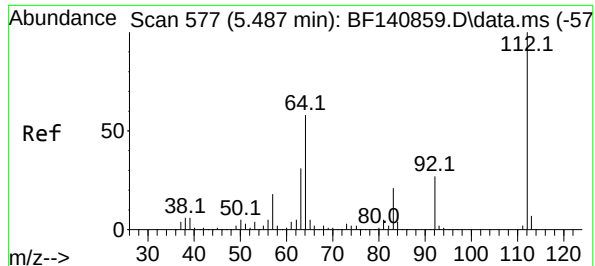
Ion Ratio Lower Upper

42 100

74 121.1 96.9 145.3

44 5.5 4.4 6.6

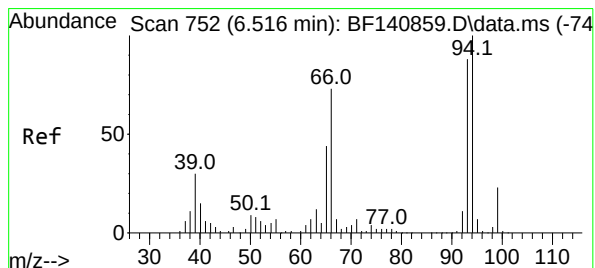
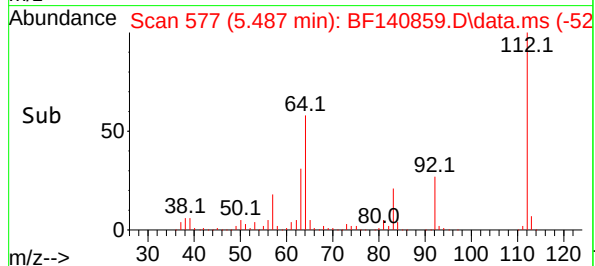
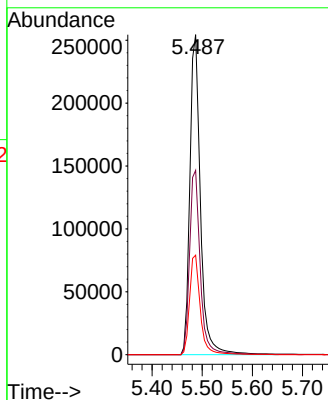
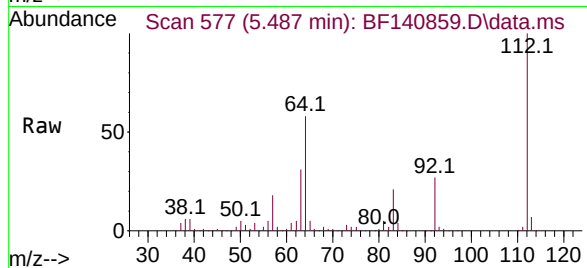




#5
2-Fluorophenol
Concen: 78.982 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

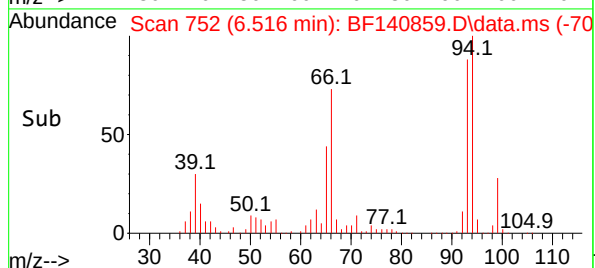
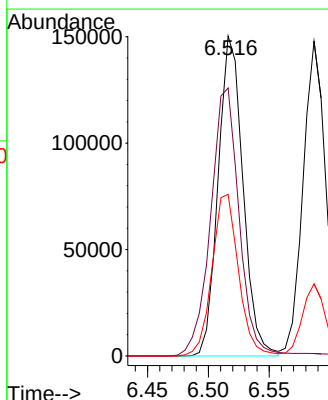
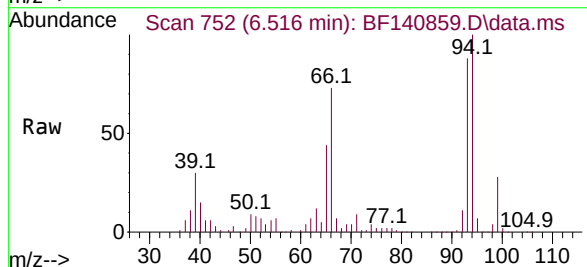
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

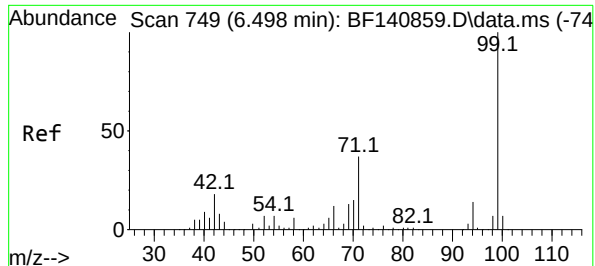
Tgt Ion:112 Resp: 372670
Ion Ratio Lower Upper
112 100
64 57.6 46.1 69.1
63 31.1 24.9 37.3



#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# 749

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

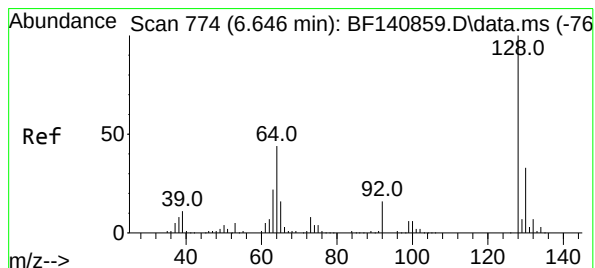
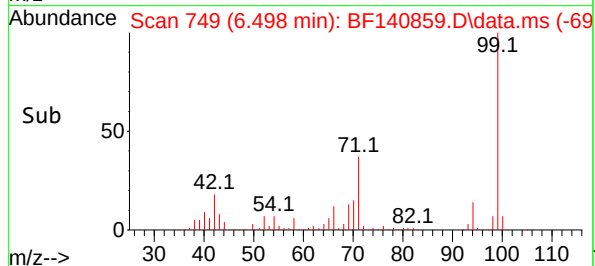
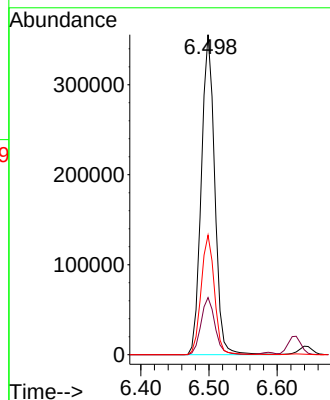
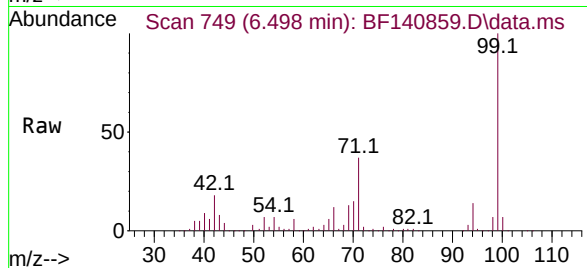
Tgt Ion: 99 Resp: 486855

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

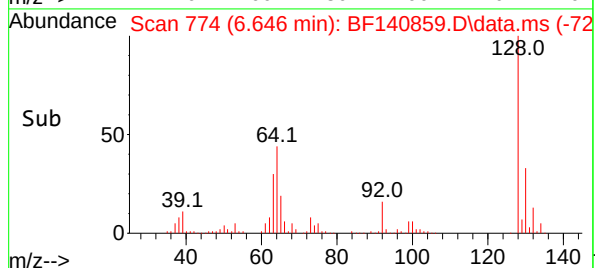
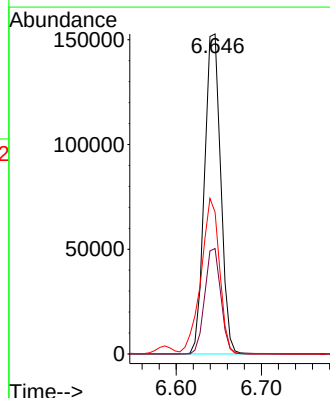
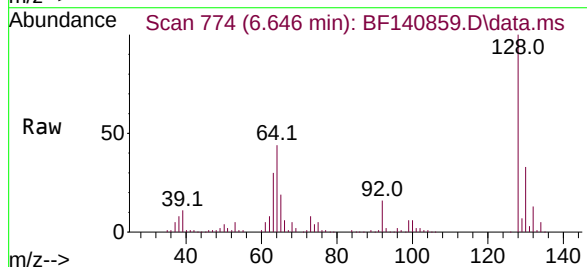
Tgt Ion: 128 Resp: 202098

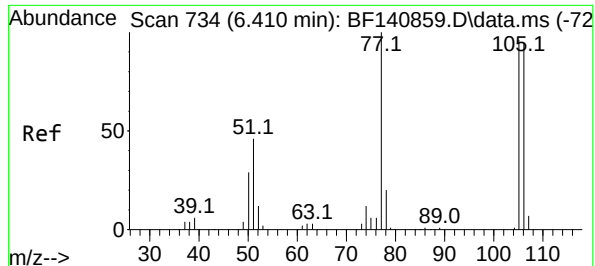
Ion Ratio Lower Upper

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# 710

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

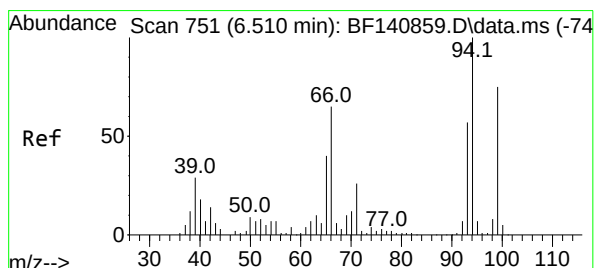
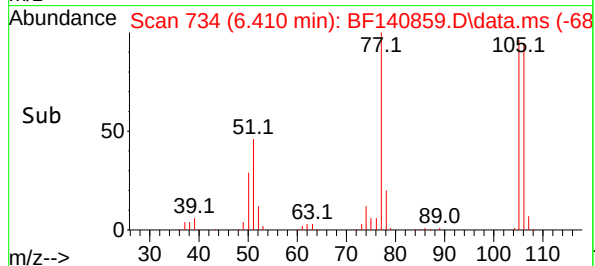
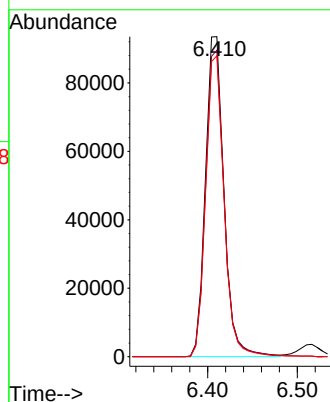
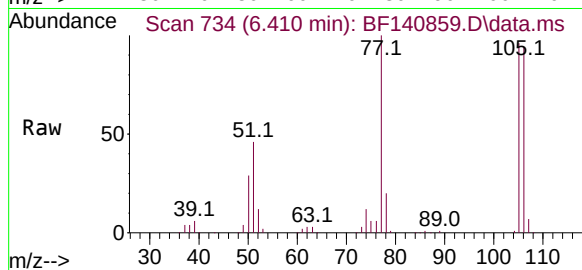
Tgt Ion: 77 Resp: 134222

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

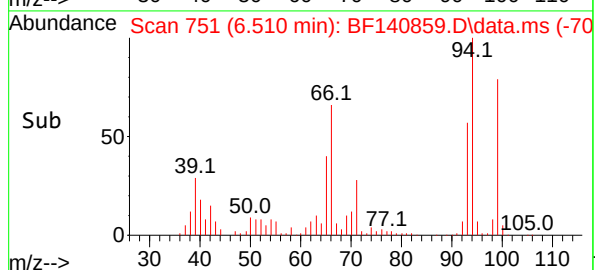
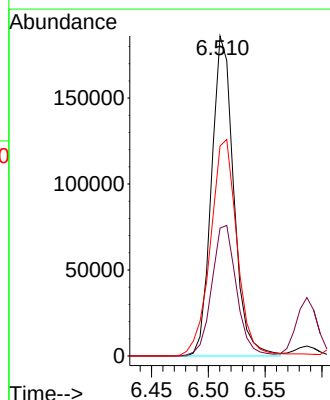
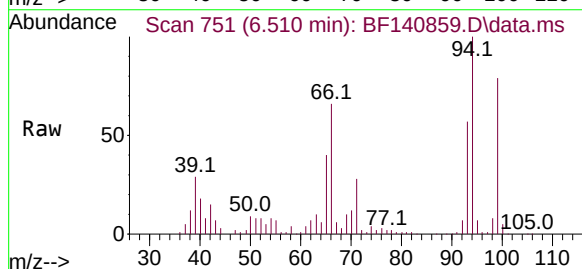
Tgt Ion: 94 Resp: 253259

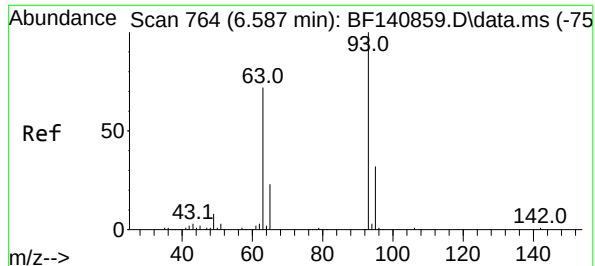
Ion Ratio Lower Upper

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# 764

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

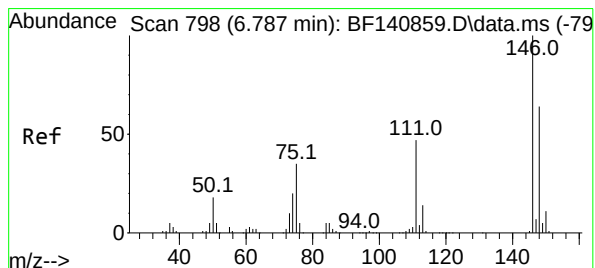
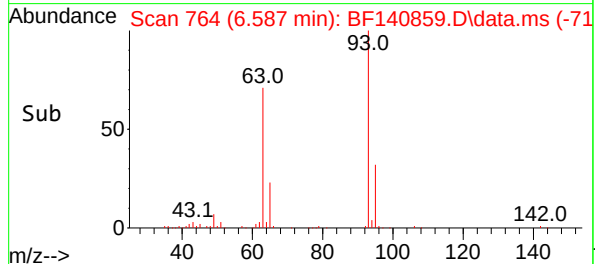
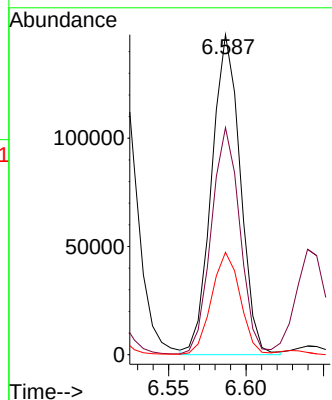
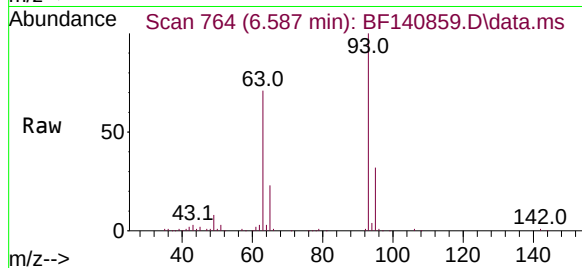
Tgt Ion: 93 Resp: 190608

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

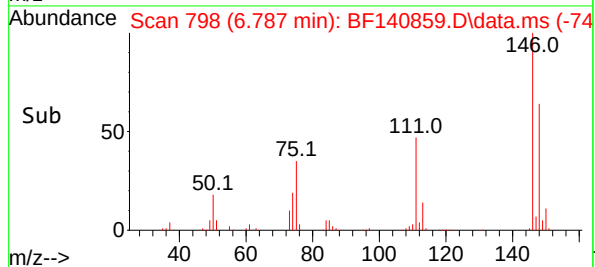
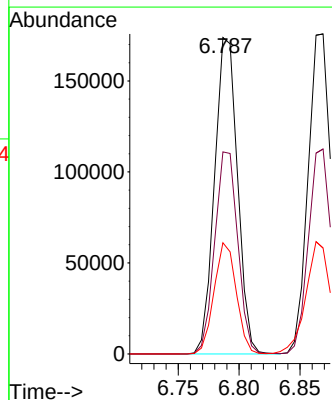
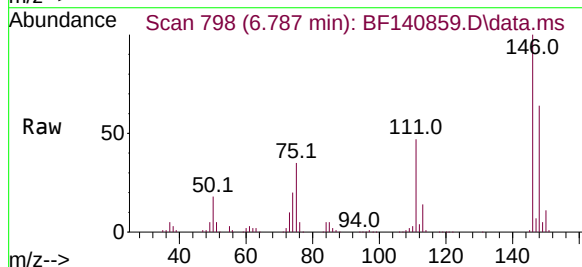
Tgt Ion:146 Resp: 228181

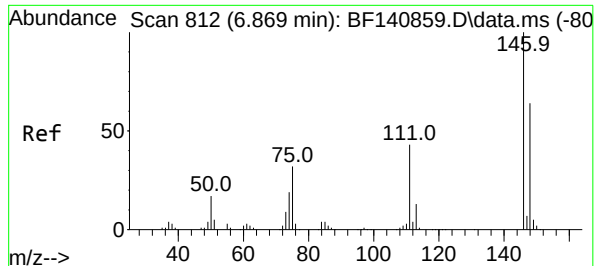
Ion Ratio Lower Upper

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# 812

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

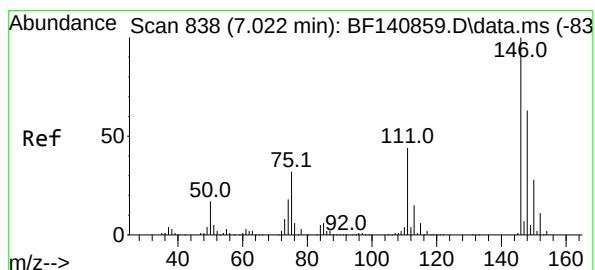
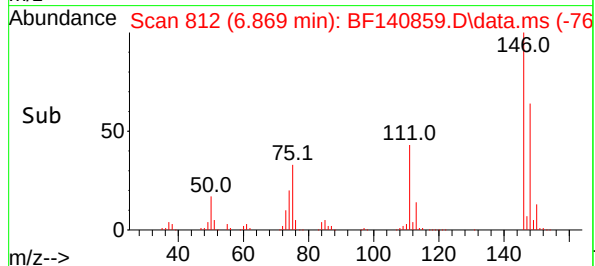
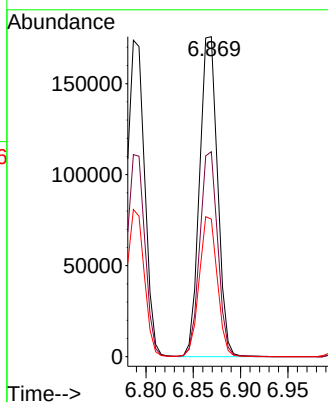
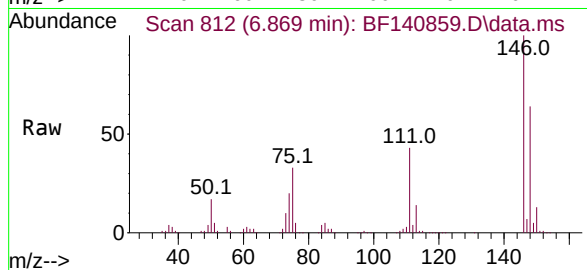
Tgt Ion:146 Resp: 232493

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

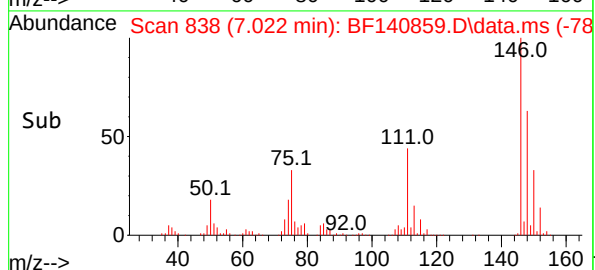
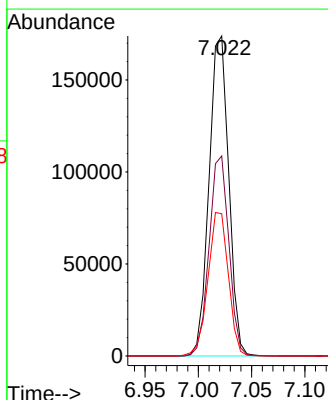
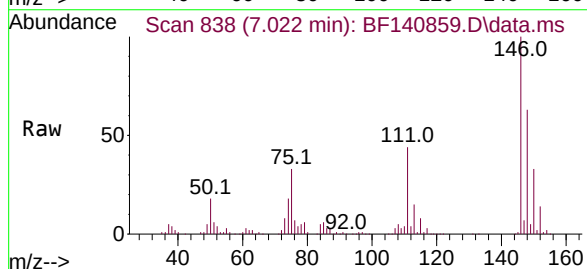
Tgt Ion:146 Resp: 223134

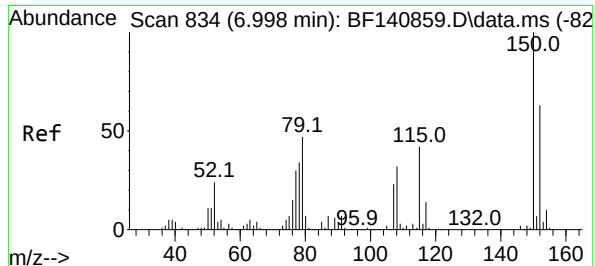
Ion Ratio Lower Upper

146 100

148 62.5 50.0 75.0

111 44.5 35.6 53.4

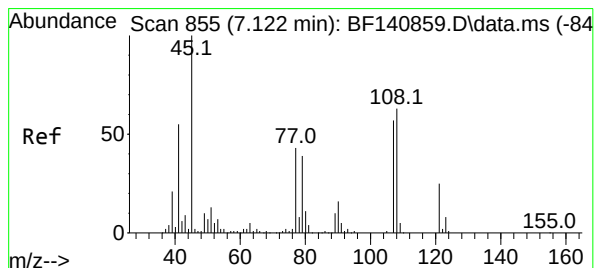
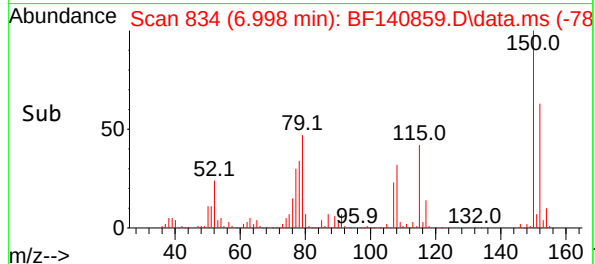
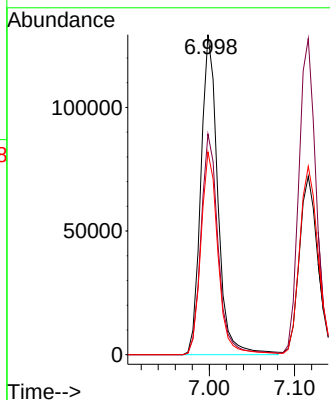
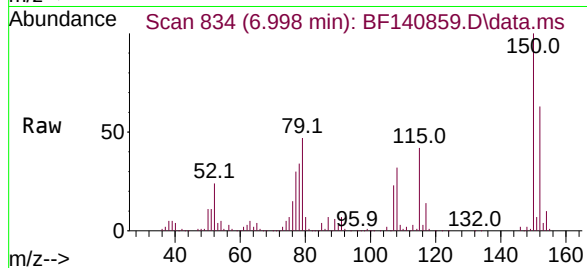




#15
Benzyl Alcohol
Concen: 39.968 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

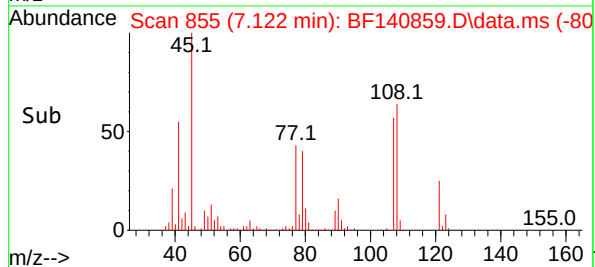
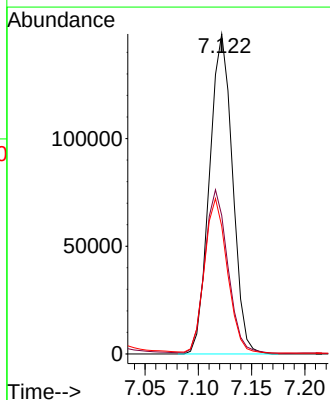
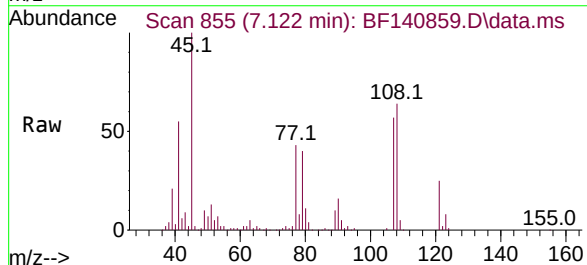
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

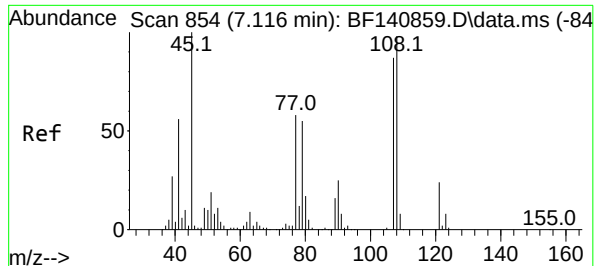
Tgt Ion: 79 Resp: 178597
Ion Ratio Lower Upper
79 100
108 68.9 55.1 82.7
77 63.3 50.6 76.0



#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

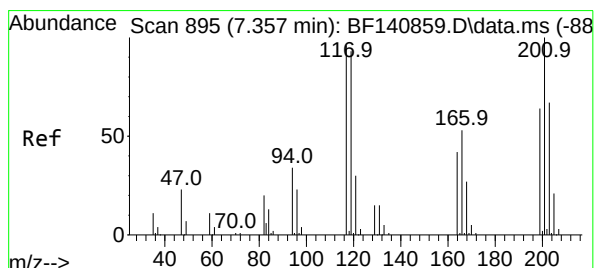
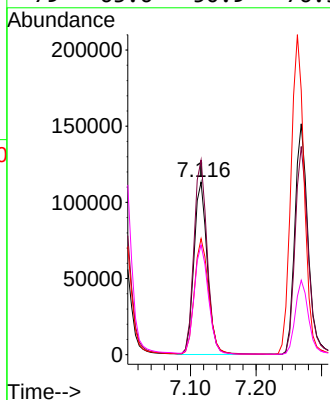
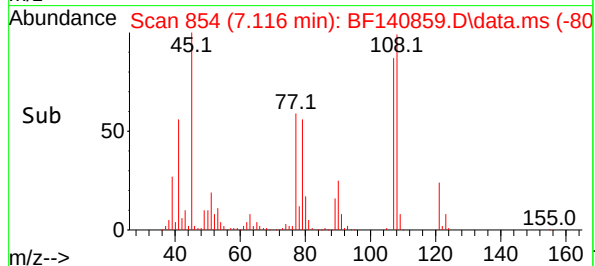
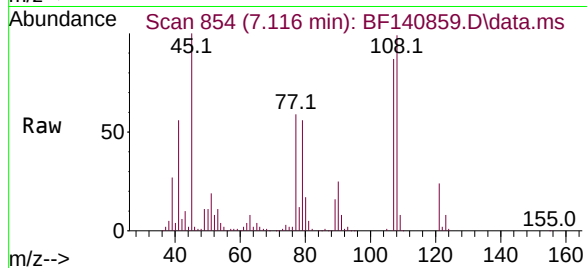




#17
2-Methylphenol
Concen: 39.284 ng
RT: 7.116 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

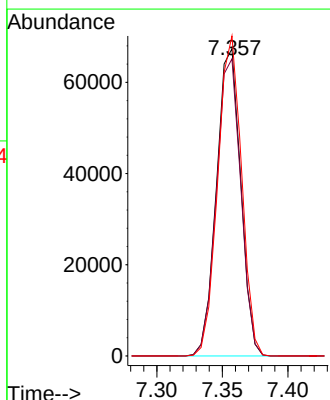
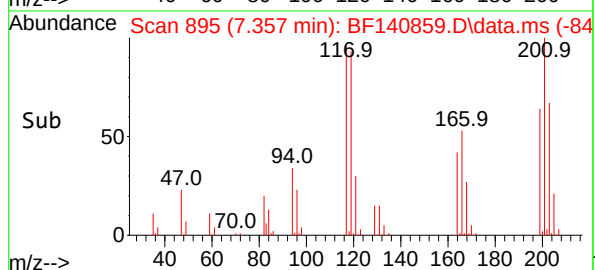
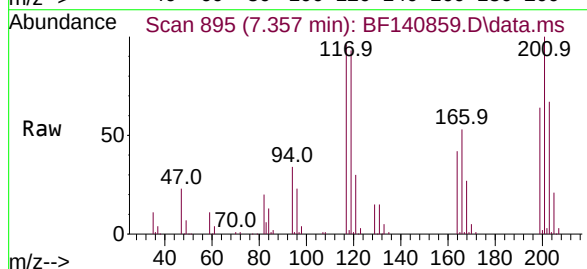
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

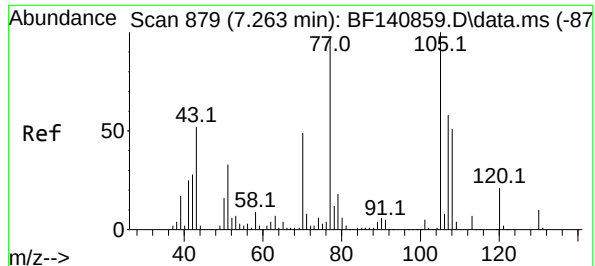
Tgt Ion:107 Resp: 161380
Ion Ratio Lower Upper
107 100
108 112.8 90.2 135.4
77 67.2 53.8 80.6
79 63.6 50.9 76.3



#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# 81

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

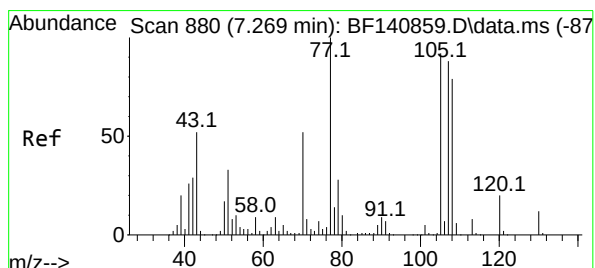
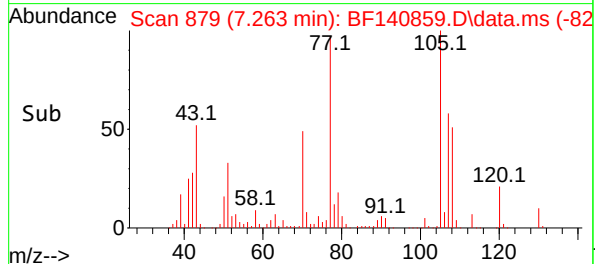
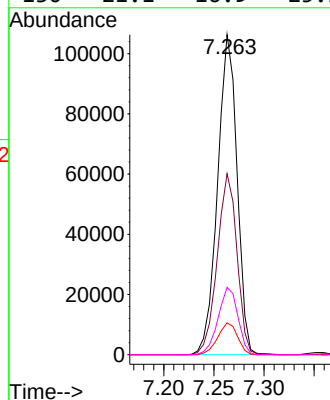
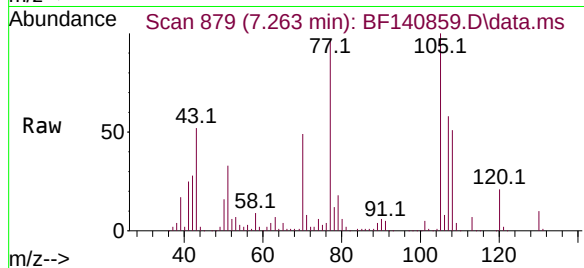
Ion Ratio Lower Upper

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

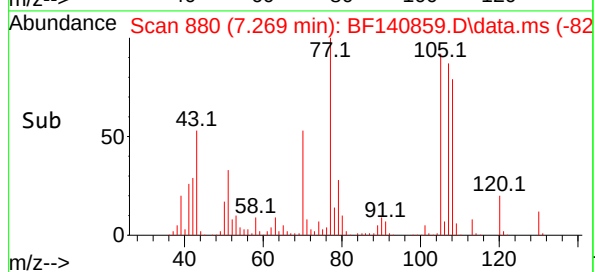
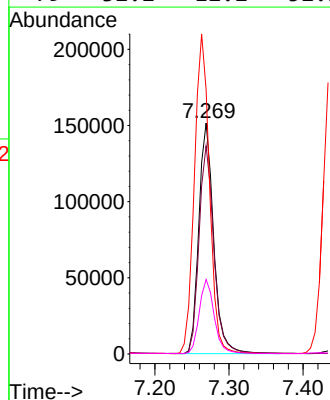
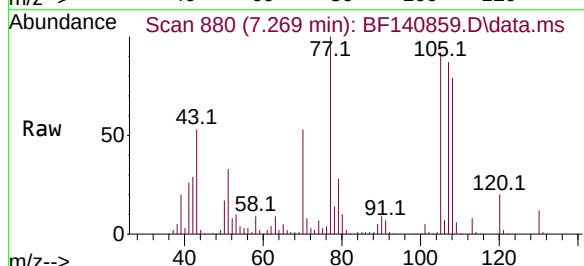
Ion Ratio Lower Upper

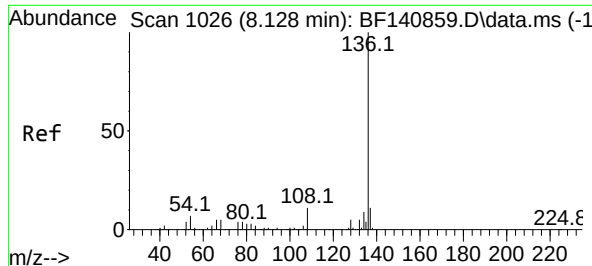
107 100

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# 1026

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

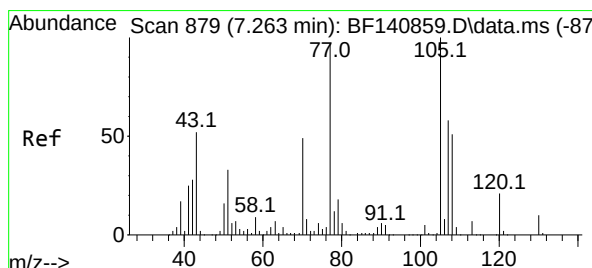
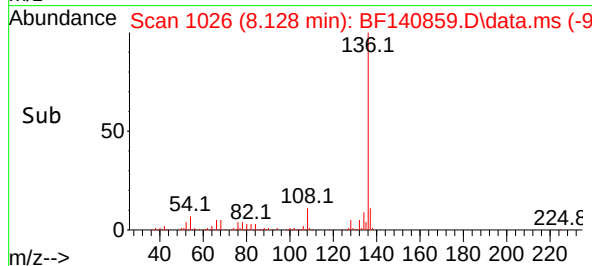
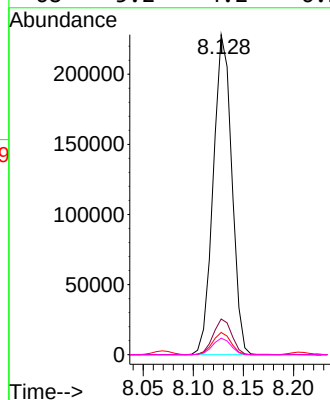
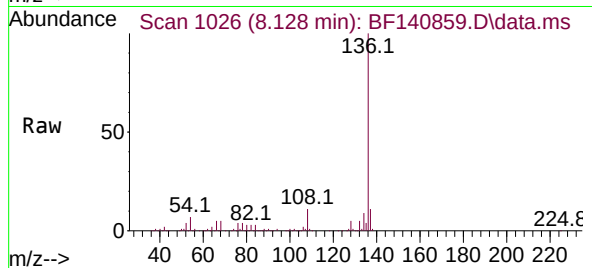
Ion Ratio Lower Upper

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

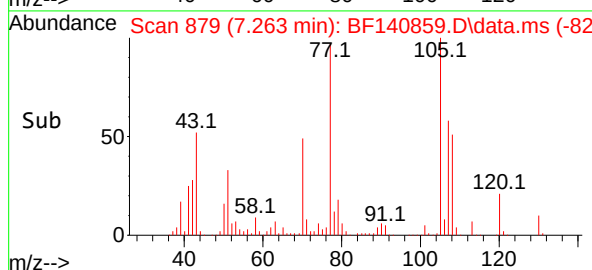
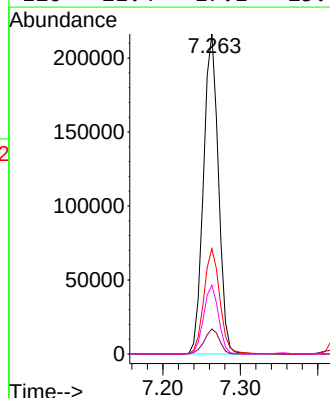
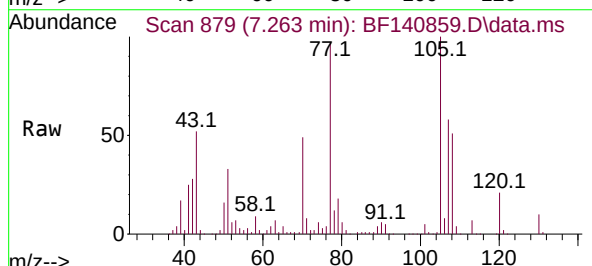
Ion Ratio Lower Upper

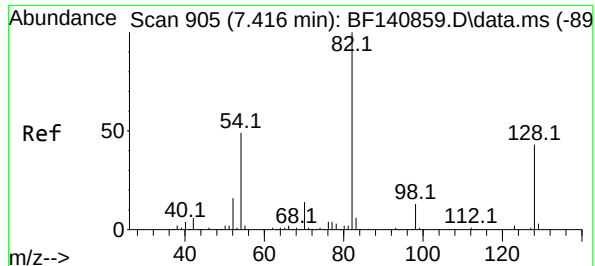
105 100

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# 905

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

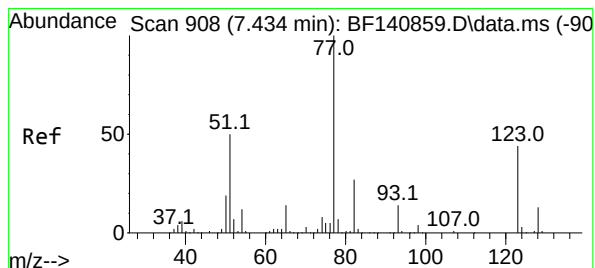
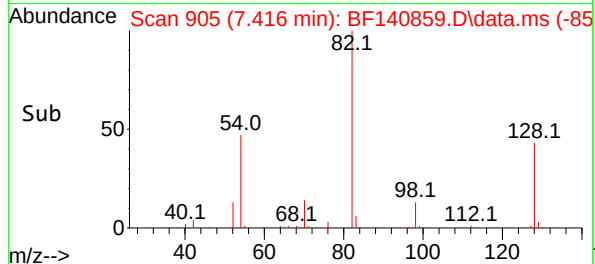
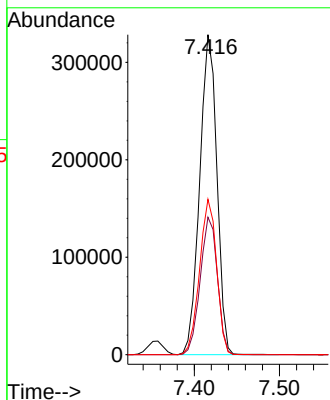
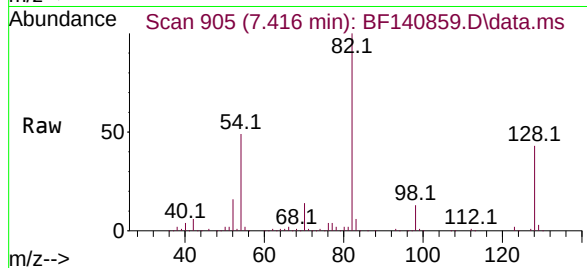
Tgt Ion: 82 Resp: 461011

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

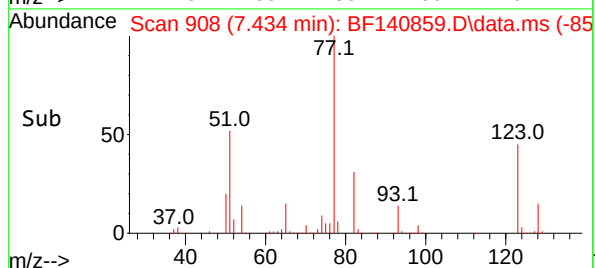
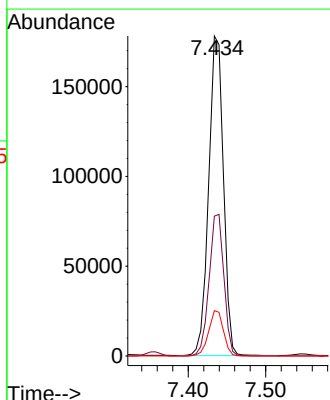
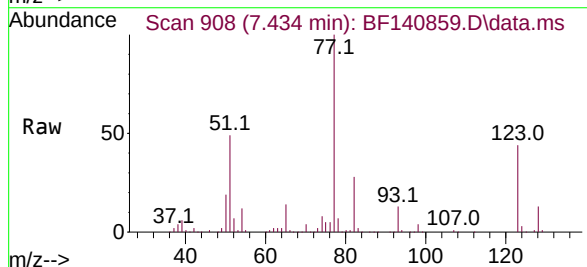
Tgt Ion: 77 Resp: 235847

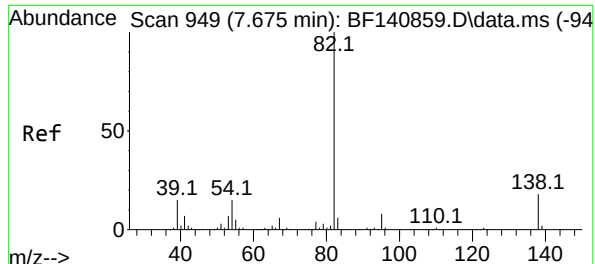
Ion Ratio Lower Upper

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# 949

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

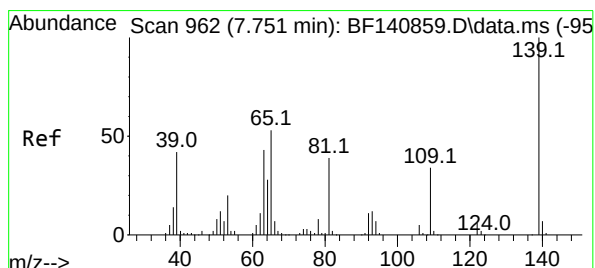
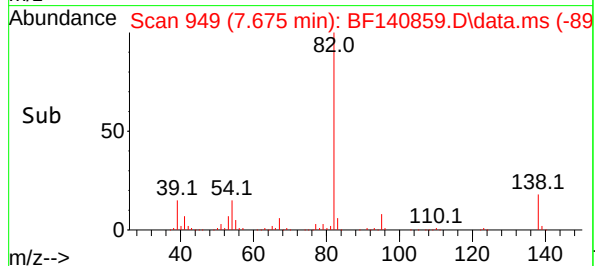
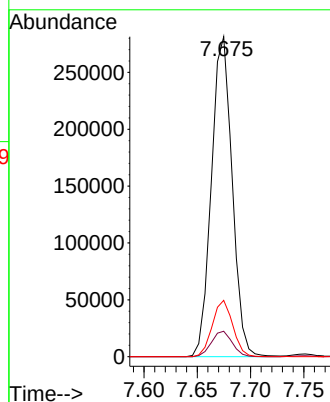
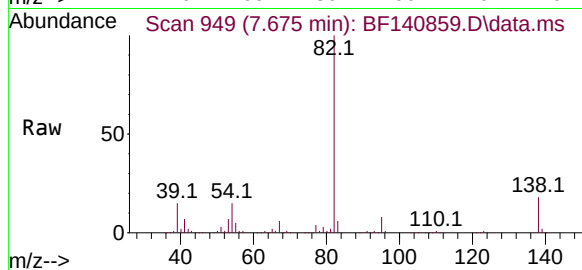
Tgt Ion: 82 Resp: 381938

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

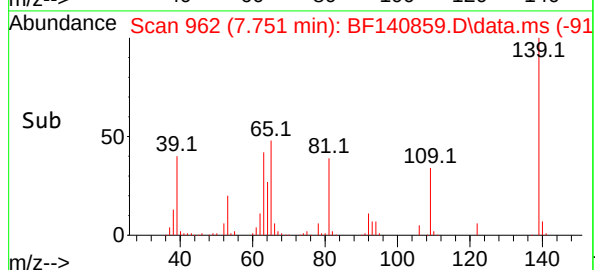
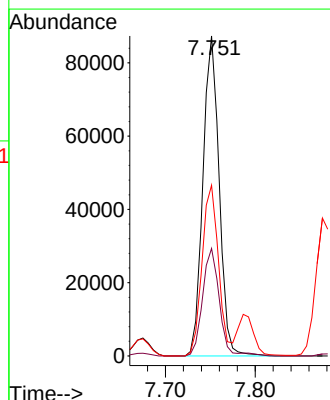
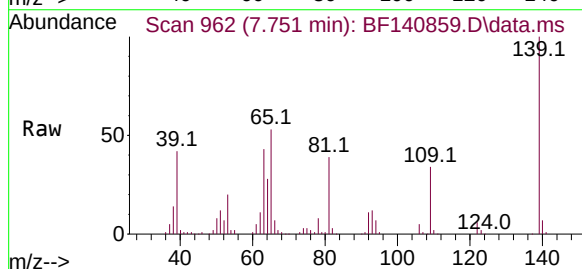
Tgt Ion:139 Resp: 109806

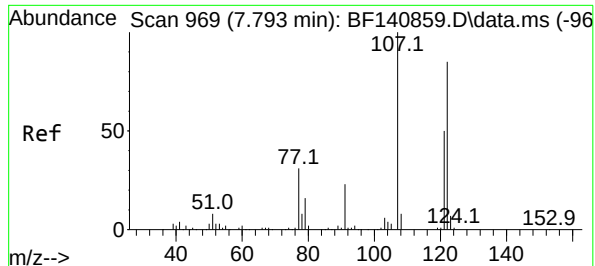
Ion Ratio Lower Upper

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# 969

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

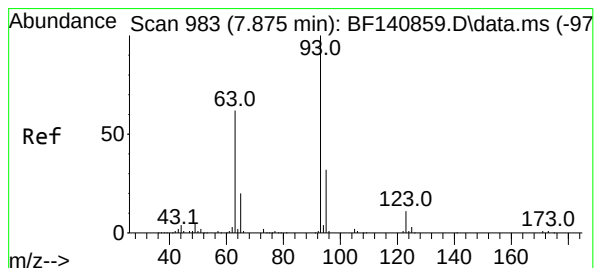
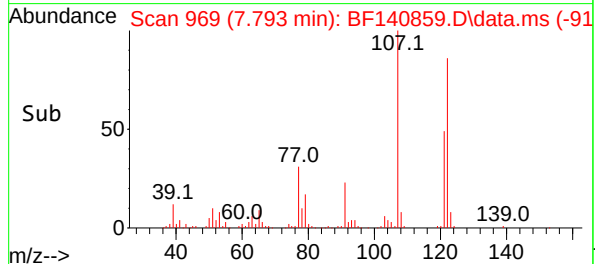
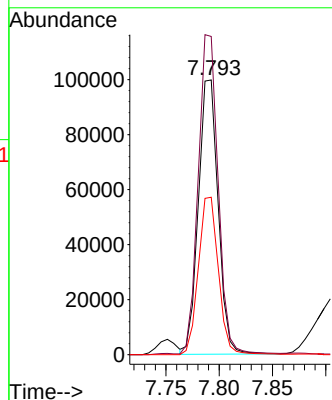
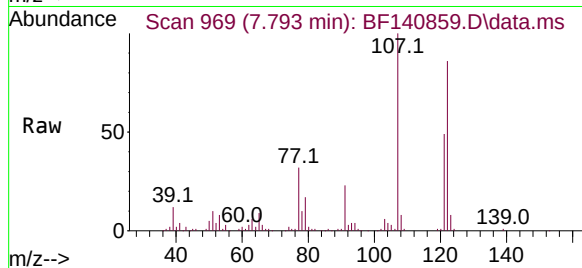
Tgt Ion:122 Resp: 128970

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

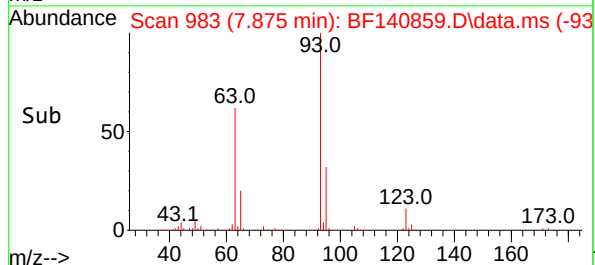
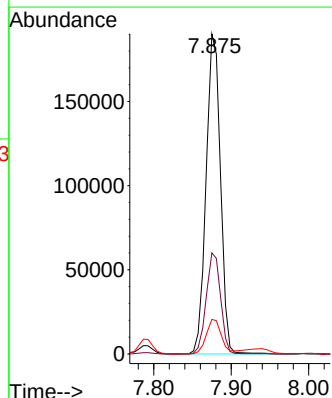
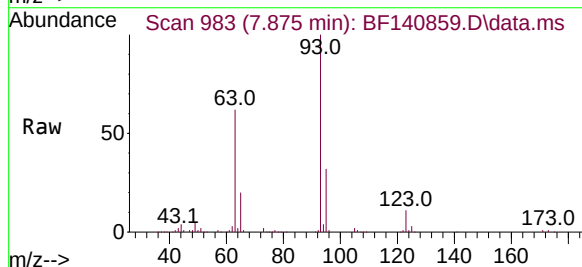
Tgt Ion: 93 Resp: 244652

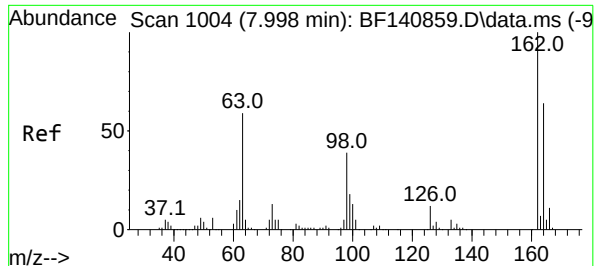
Ion Ratio Lower Upper

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# 1004

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

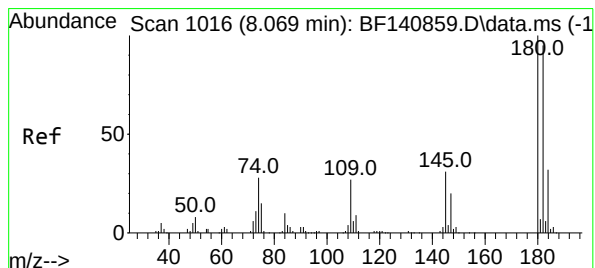
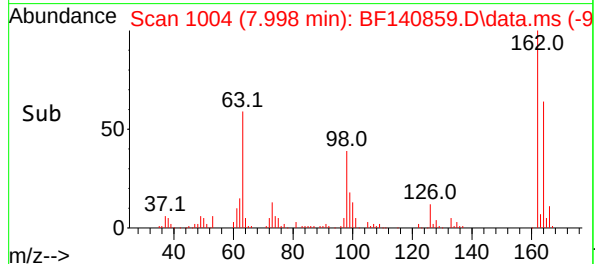
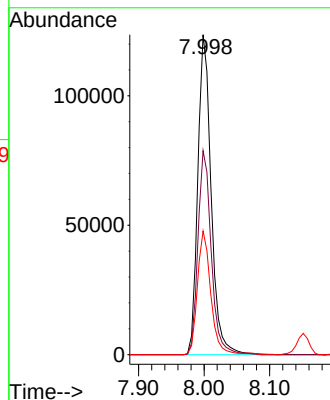
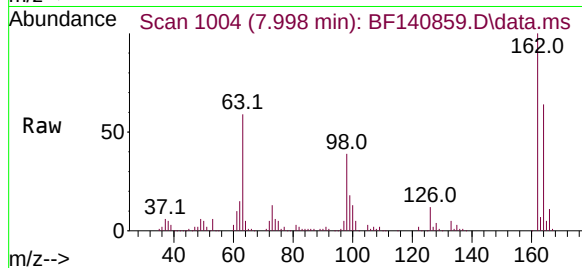
Tgt Ion:162 Resp: 175409

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

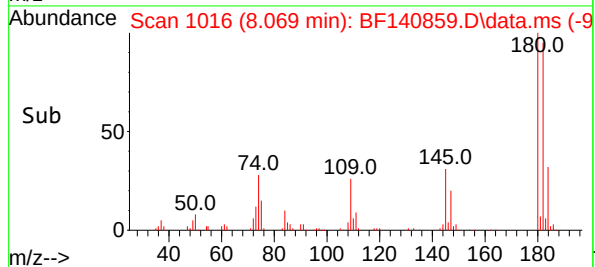
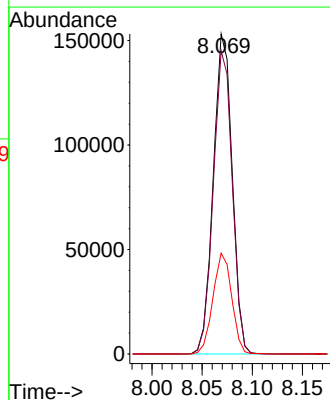
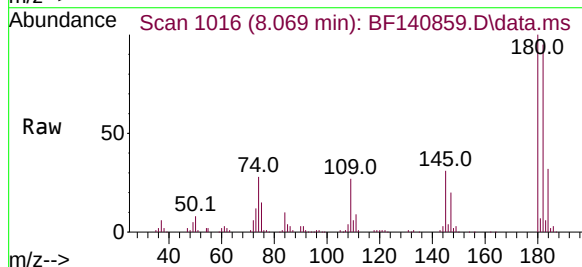
Tgt Ion:180 Resp: 200471

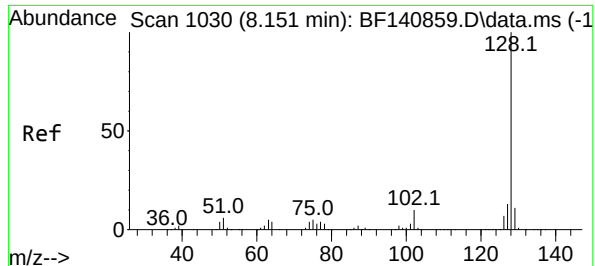
Ion Ratio Lower Upper

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# 1030

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

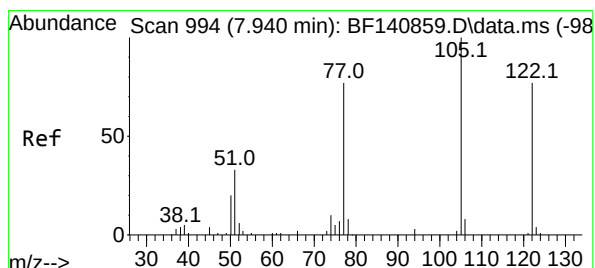
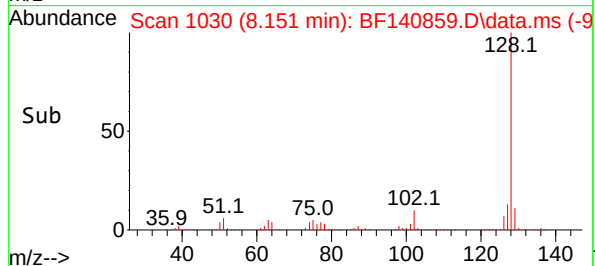
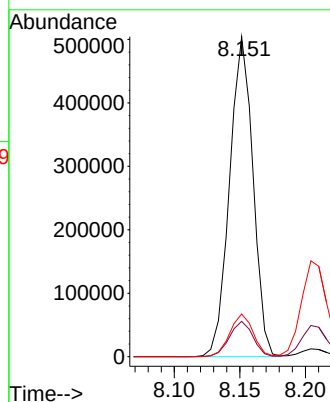
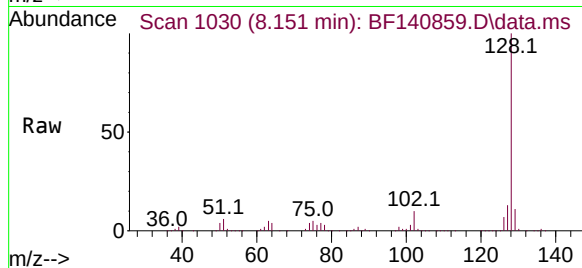
Tgt Ion:128 Resp: 626585

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

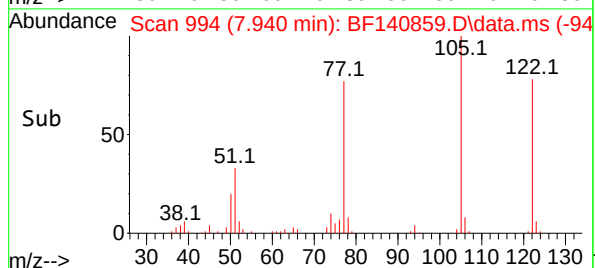
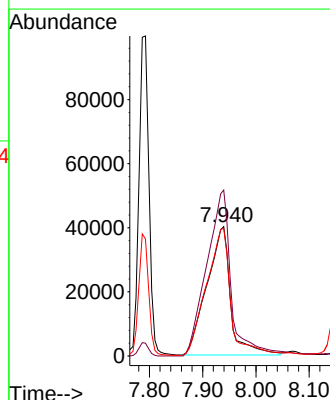
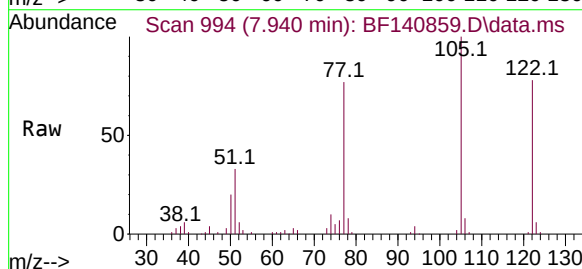
Tgt Ion:122 Resp: 124210

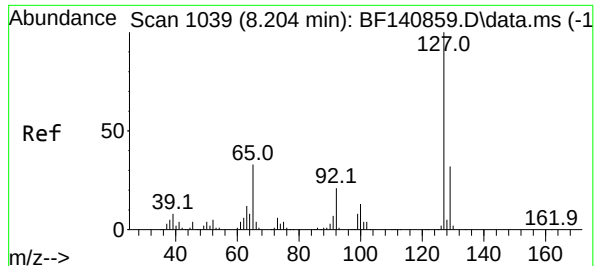
Ion Ratio Lower Upper

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# 1039

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

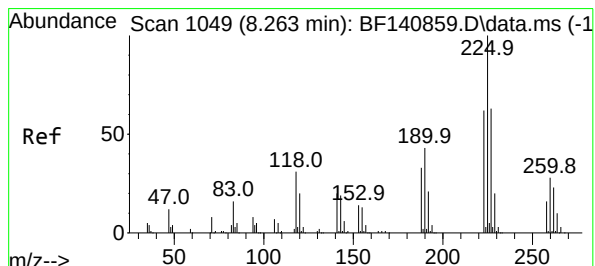
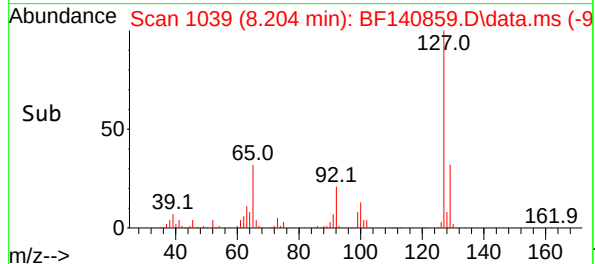
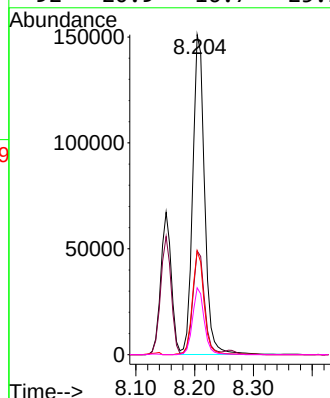
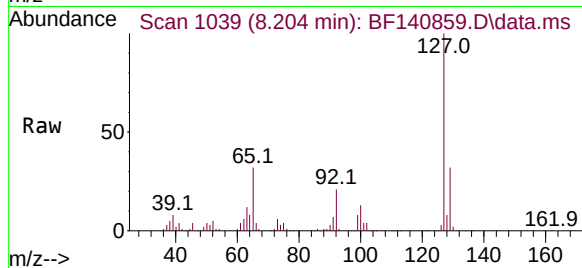
Ion Ratio Lower Upper

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

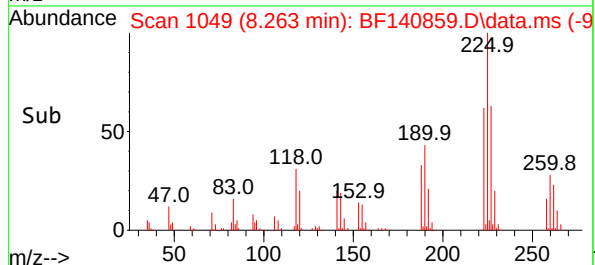
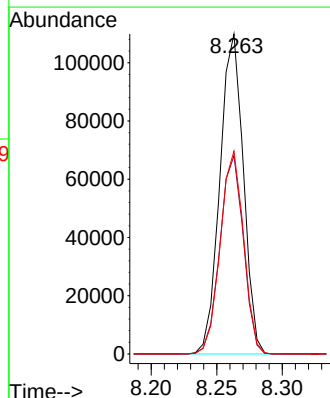
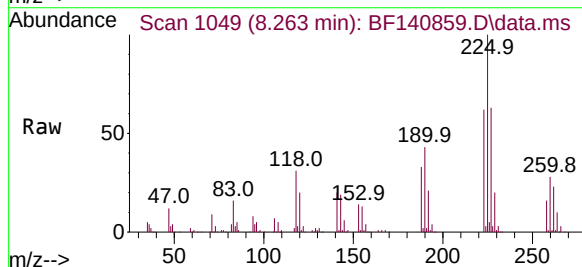
Tgt Ion:225 Resp: 136482

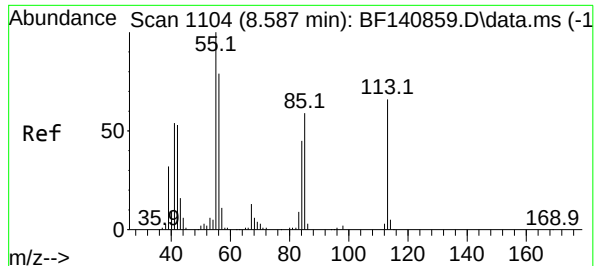
Ion Ratio Lower Upper

225 100

223 62.0 49.6 74.4

227 63.4 50.7 76.1

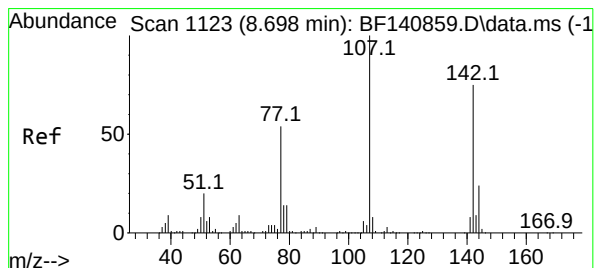
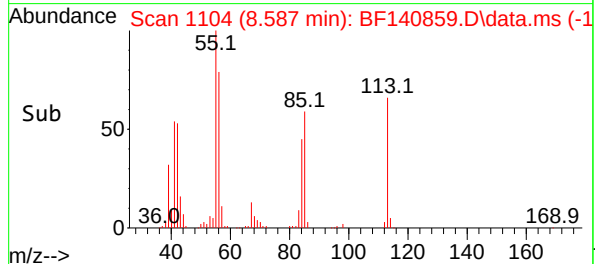
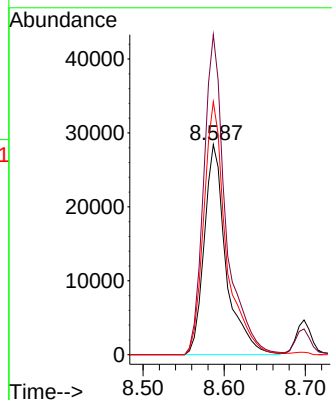
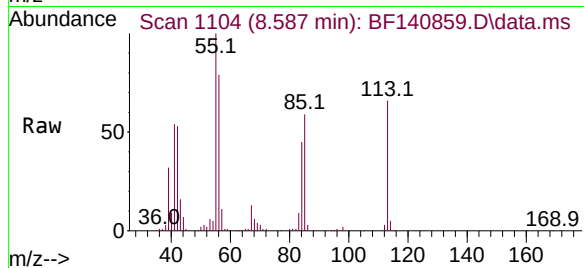




#35
Caprolactam
Concen: 39.930 ng
RT: 8.587 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

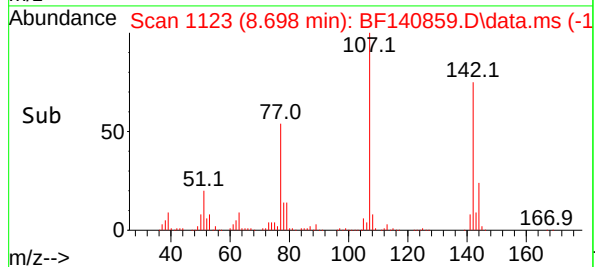
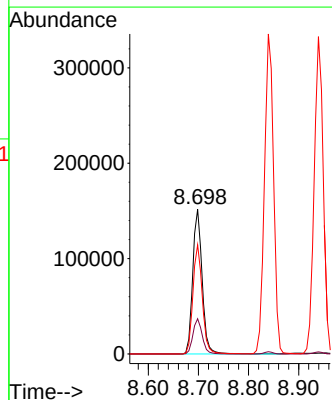
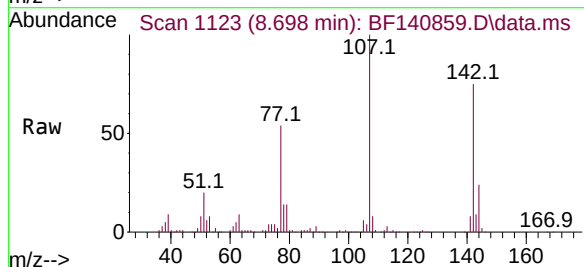
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

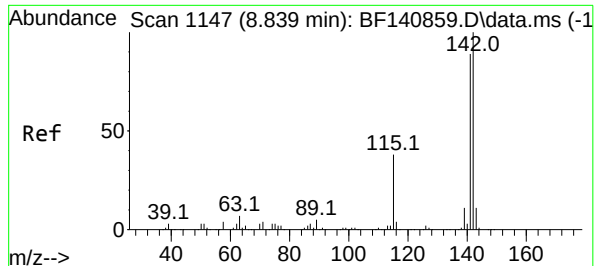
Tgt Ion	Ratio	Lower	Upper
113	100		
55	152.3	132.3	172.3
56	120.3	100.3	140.3



#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	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# 1147

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

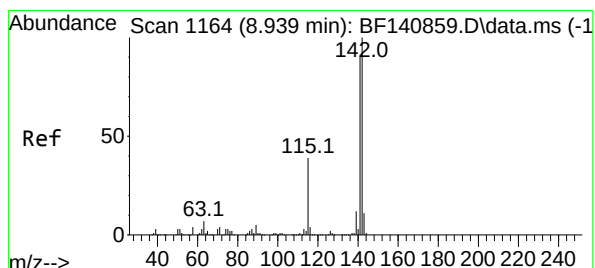
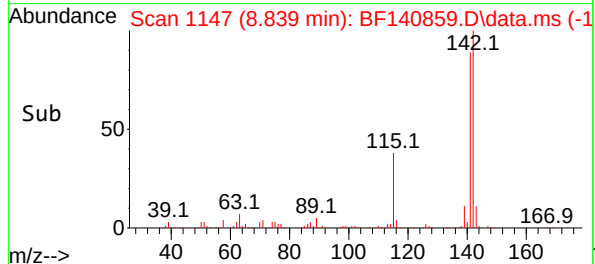
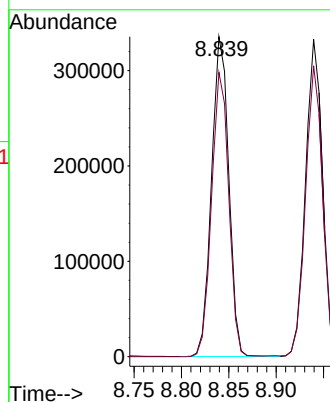
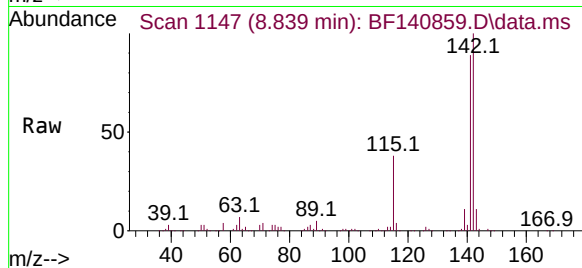
SSTDICCC040

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

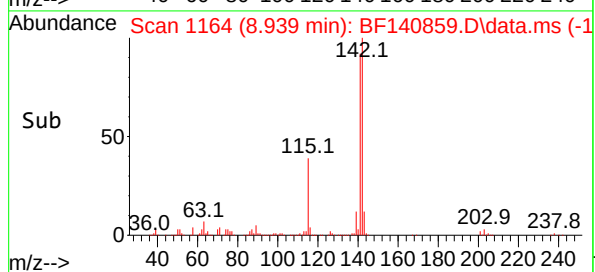
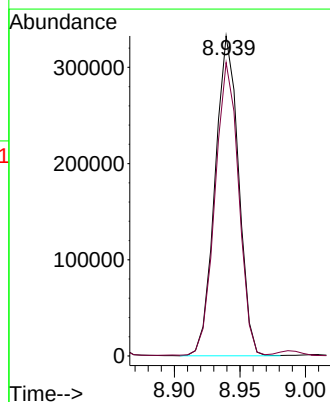
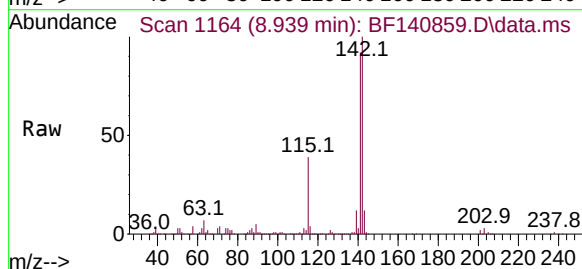
Acq: 16 Dec 2024 14:26

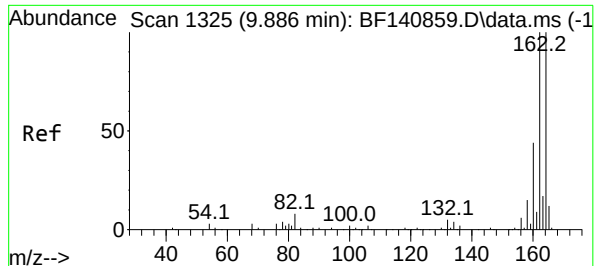
Tgt Ion:142 Resp: 414363

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# 1175

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

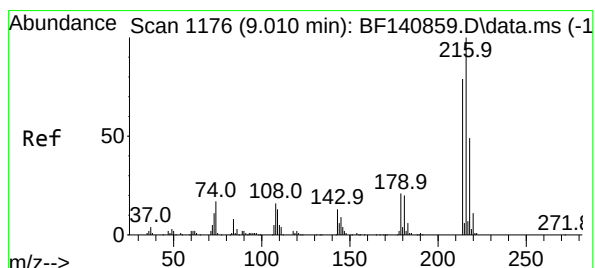
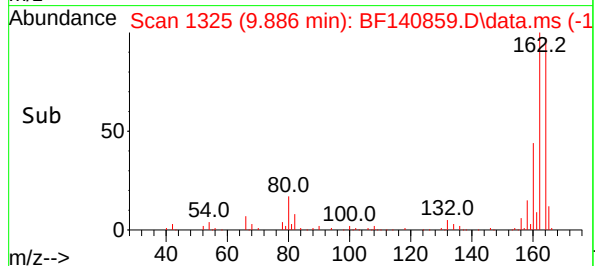
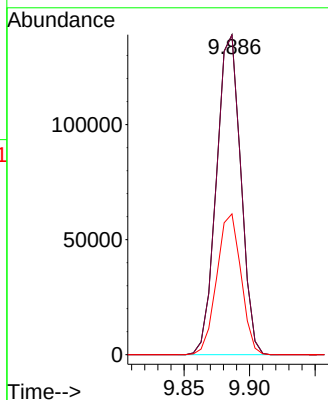
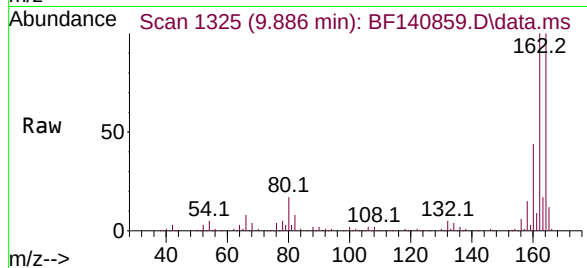
Tgt Ion:164 Resp: 179301

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

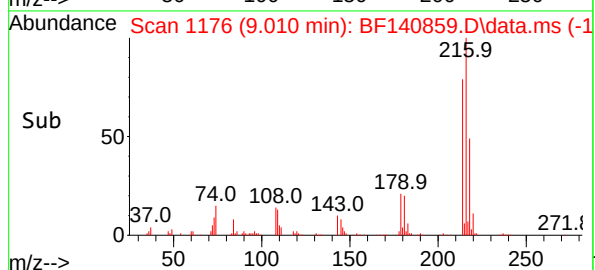
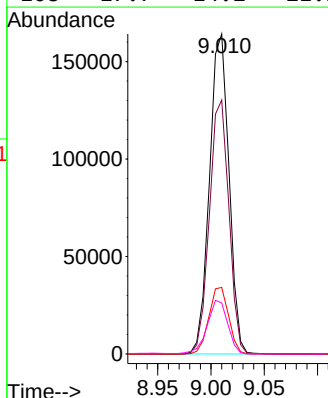
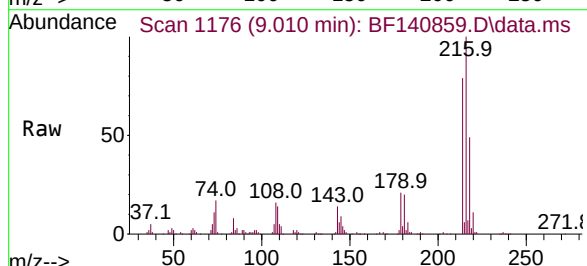
Ion Ratio Lower Upper

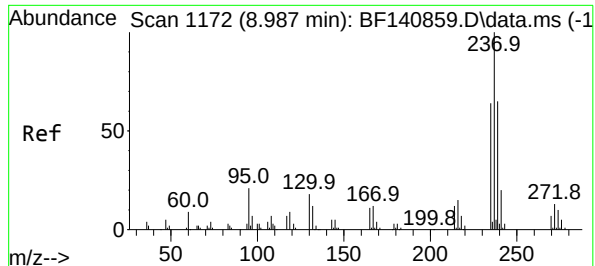
216 100

214 79.5 63.6 95.4

179 21.2 17.0 25.4

108 17.7 14.2 21.2

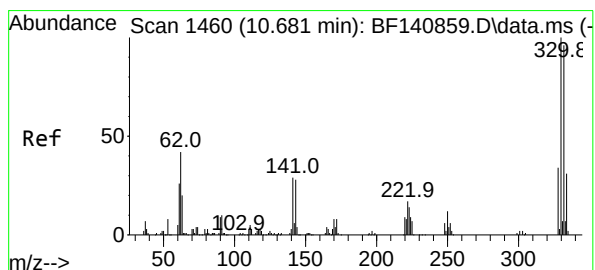
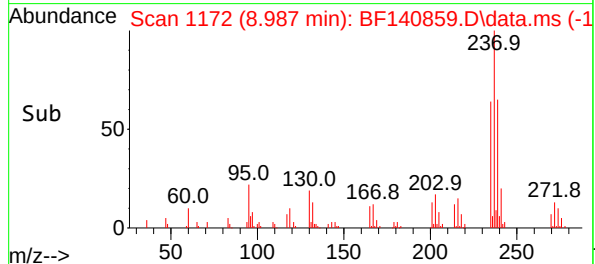
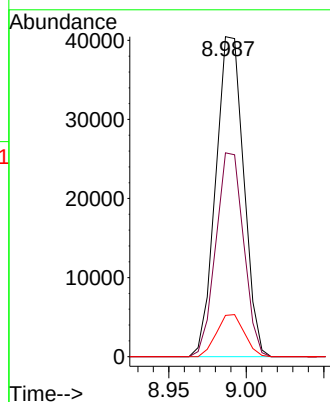
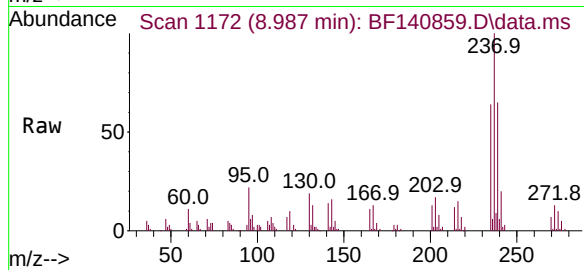




#41
Hexachlorocyclopentadiene
Concen: 39.476 ng
RT: 8.987 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

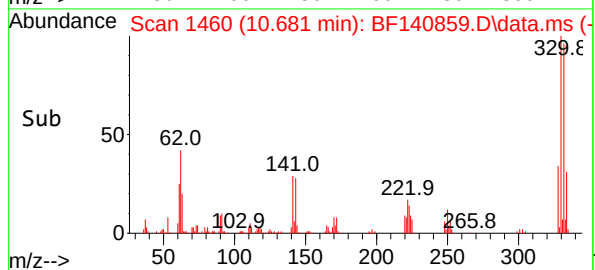
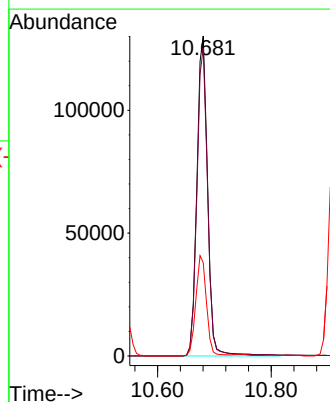
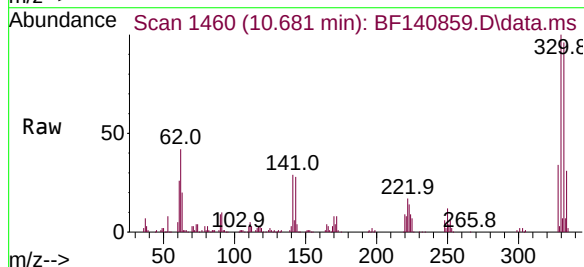
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

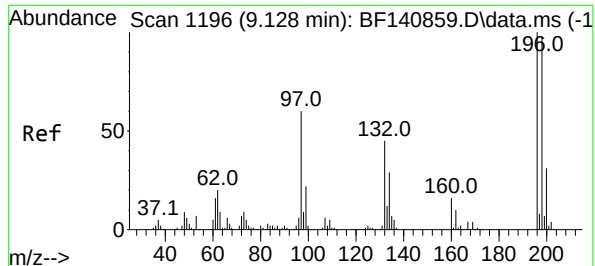
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.7	43.7	83.7
272	12.9	0.0	32.9



#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	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# 1196

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

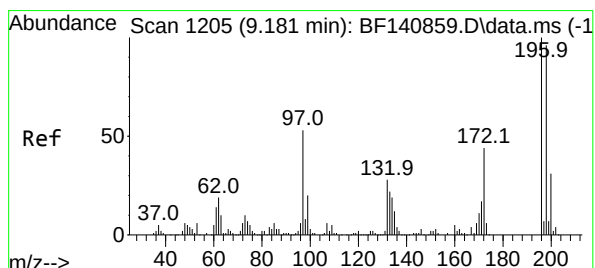
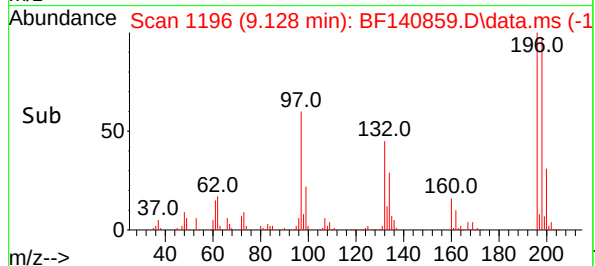
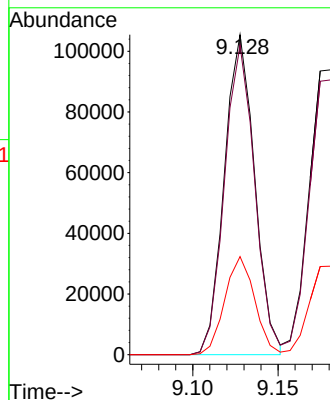
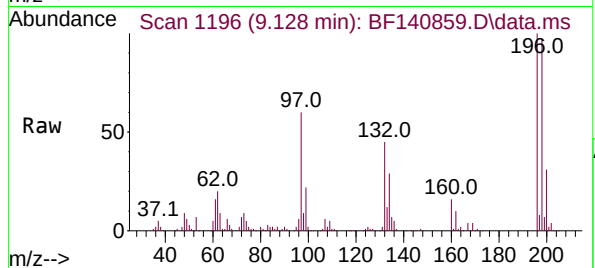
Tgt Ion:196 Resp: 130363

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

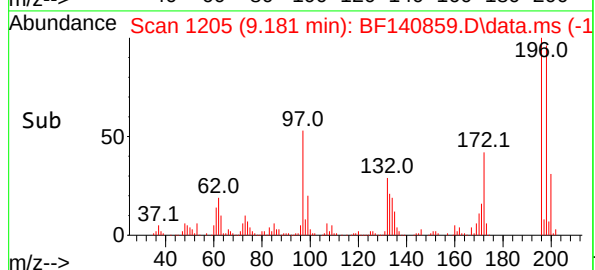
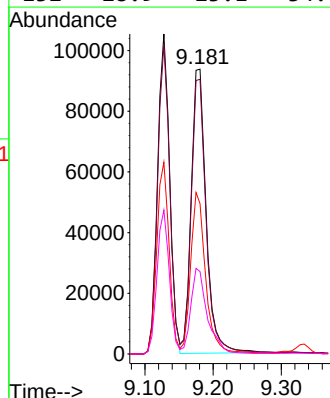
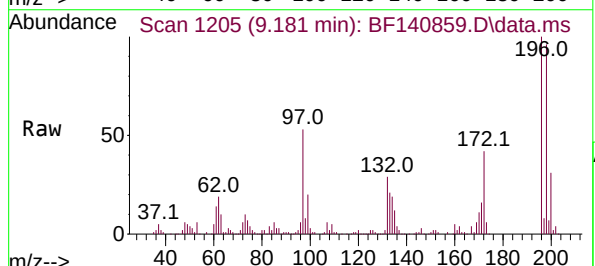
Ion Ratio Lower Upper

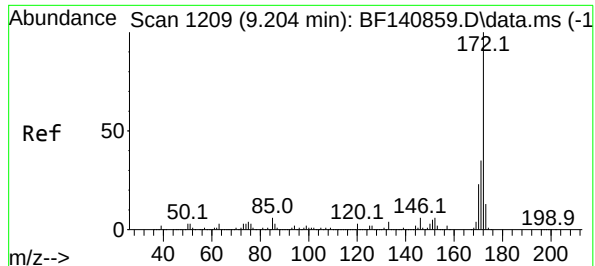
196 100

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# 1209

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

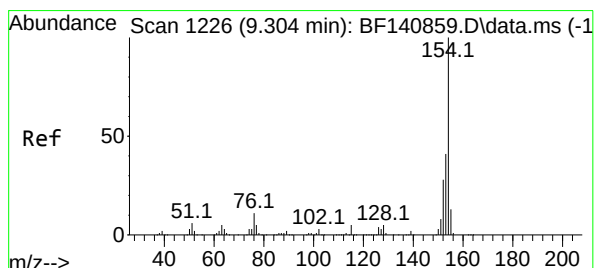
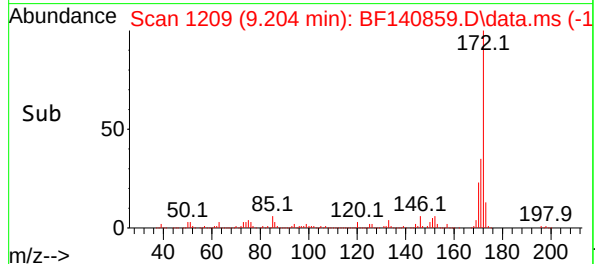
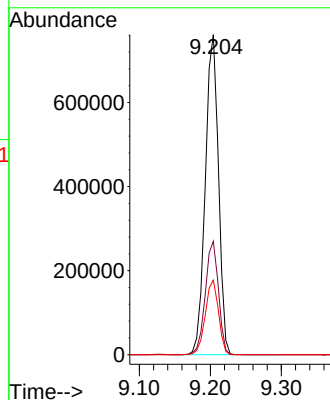
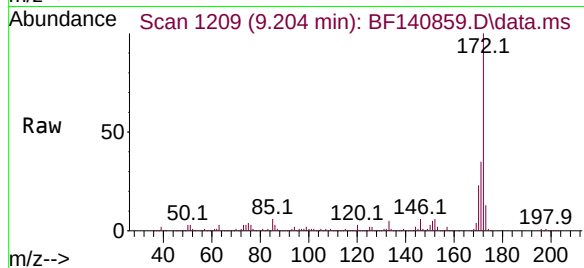
Tgt Ion:172 Resp: 981889

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

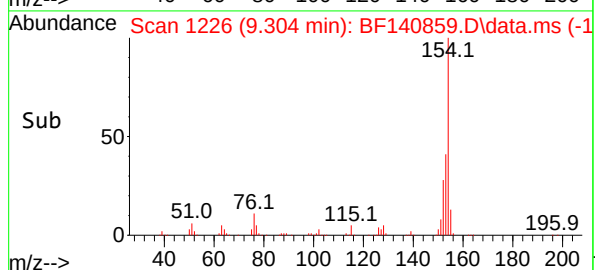
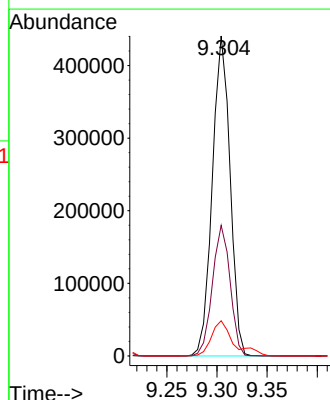
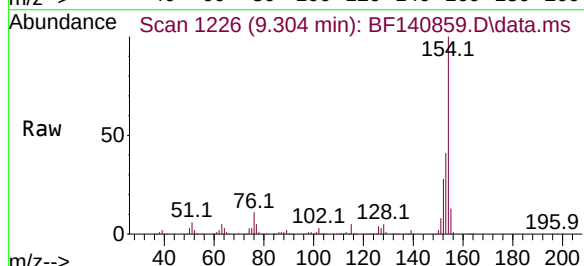
Tgt Ion:154 Resp: 542419

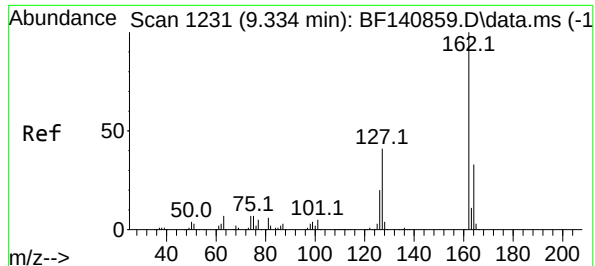
Ion Ratio Lower Upper

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# 1231

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

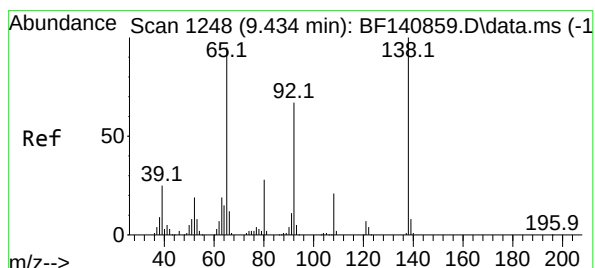
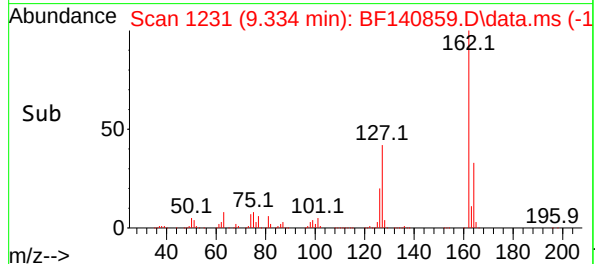
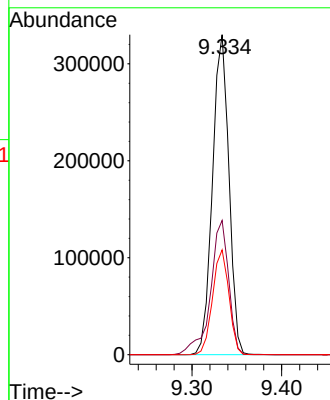
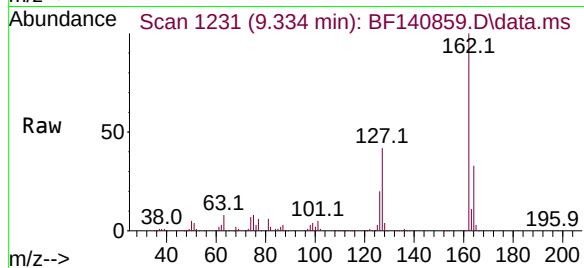
Tgt Ion:162 Resp: 419357

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

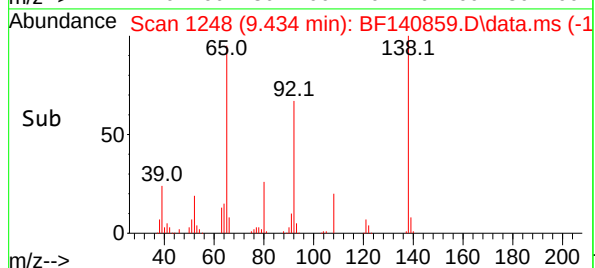
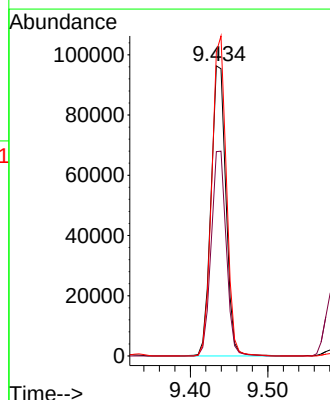
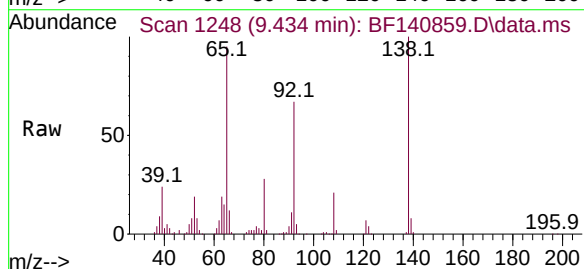
Tgt Ion: 65 Resp: 128421

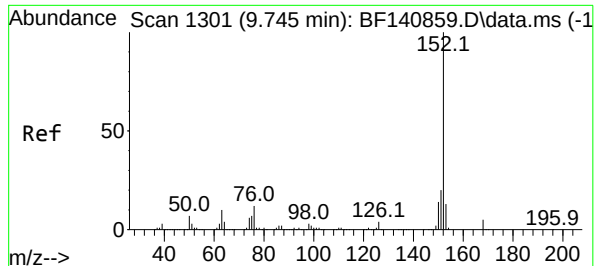
Ion Ratio Lower Upper

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# 11

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

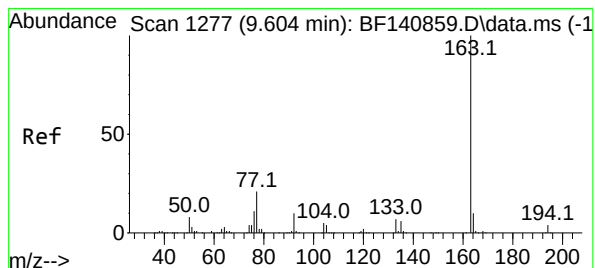
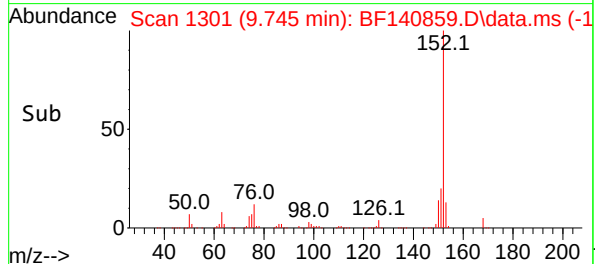
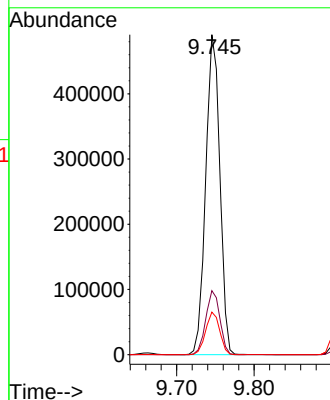
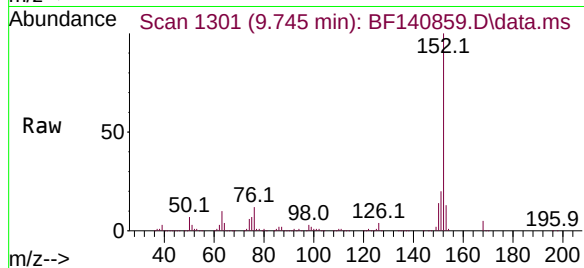
Tgt Ion:152 Resp: 621763

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

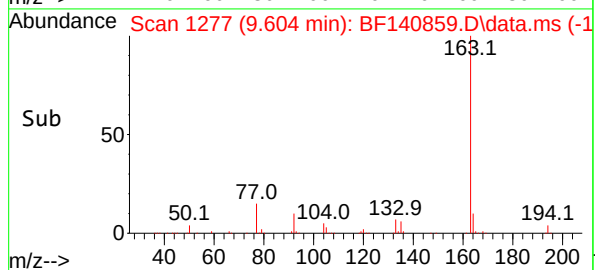
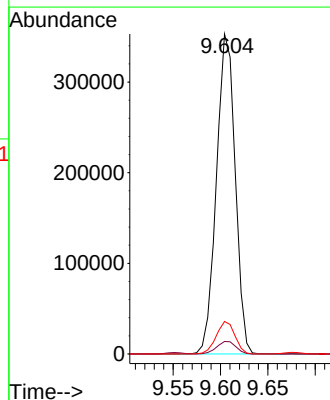
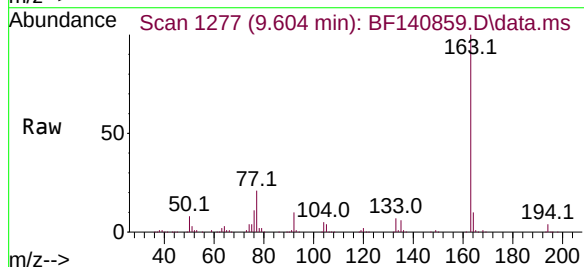
Tgt Ion:163 Resp: 487517

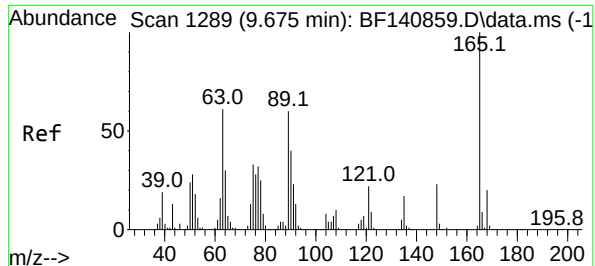
Ion Ratio Lower Upper

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# 1289

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

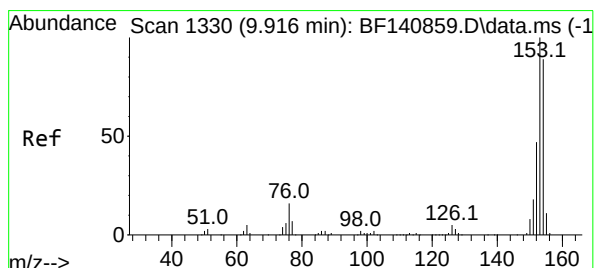
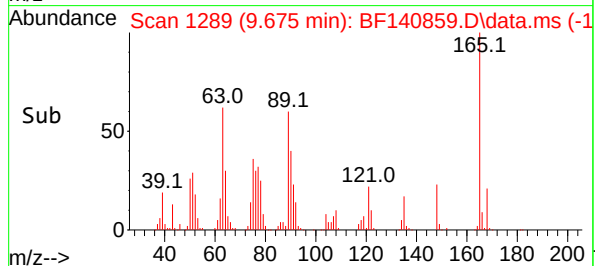
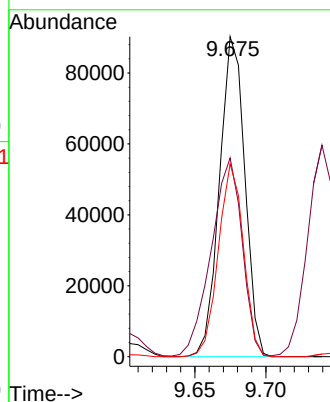
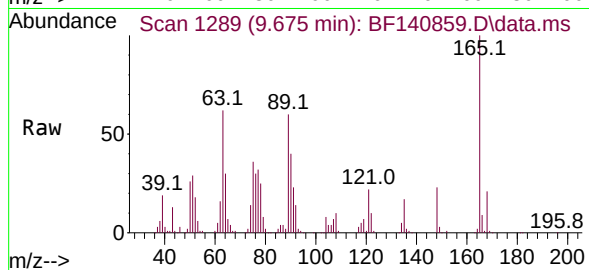
Tgt Ion:165 Resp: 111990

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

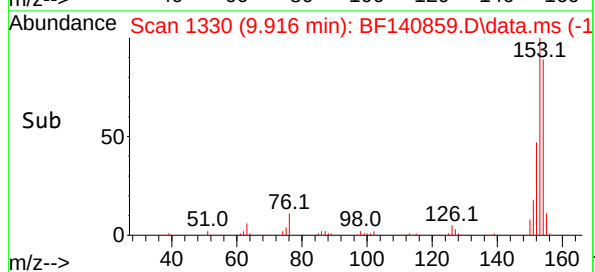
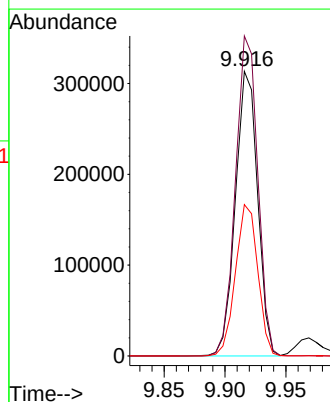
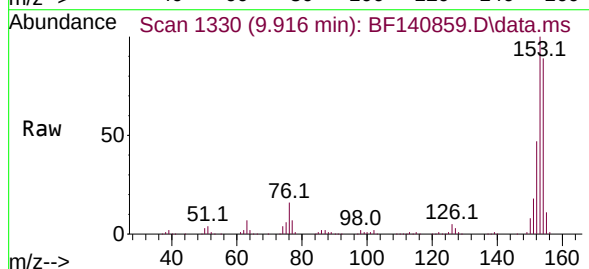
Tgt Ion:154 Resp: 398965

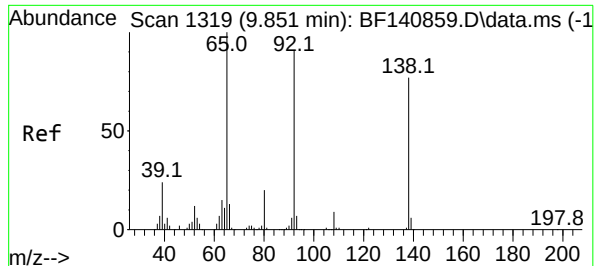
Ion Ratio Lower Upper

154 100

153 112.4 89.9 134.9

152 53.2 42.6 63.8

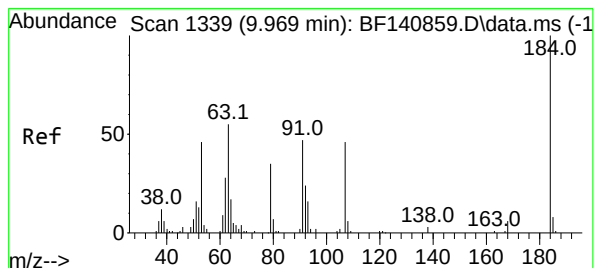
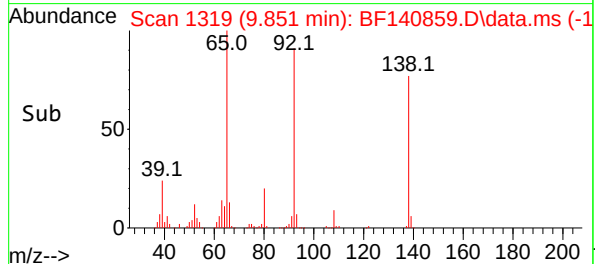
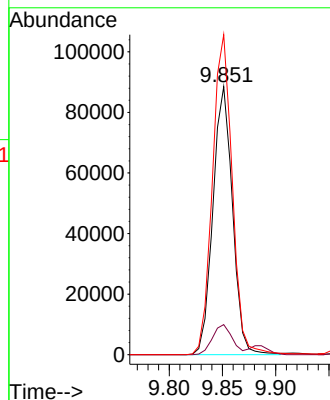
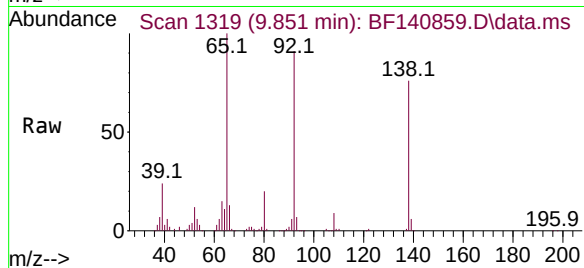




#53
3-Nitroaniline
Concen: 39.481 ng
RT: 9.851 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

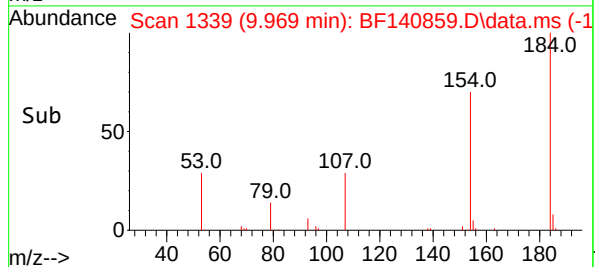
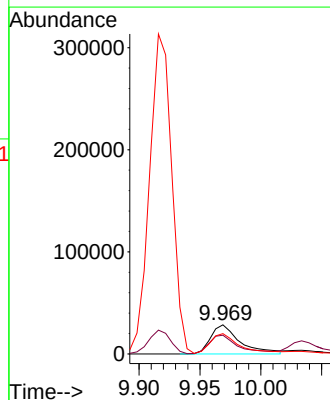
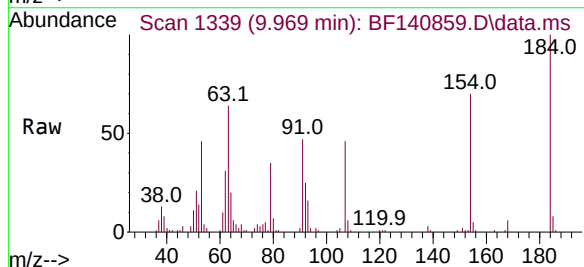
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

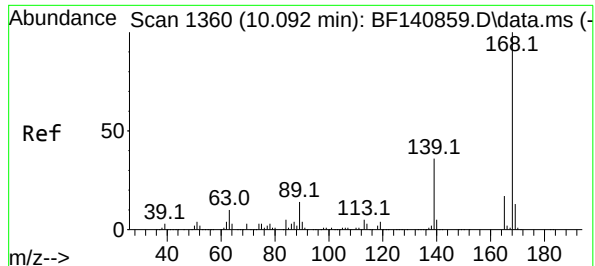
Tgt Ion:138 Resp: 113227
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 119.4 95.5 143.3



#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

Dibenzenofuran

Concen: 39.066 ng

RT: 10.092 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

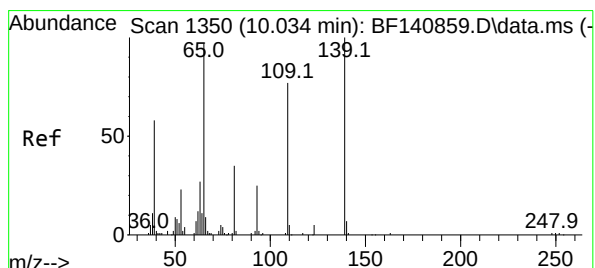
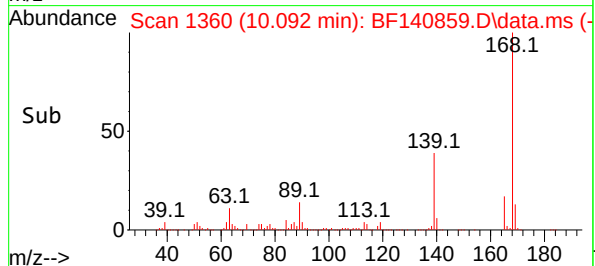
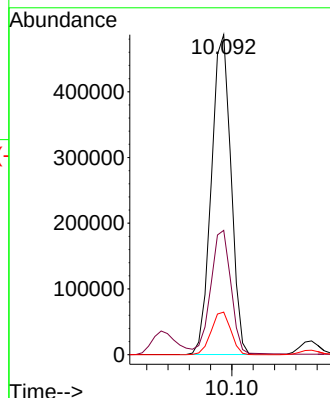
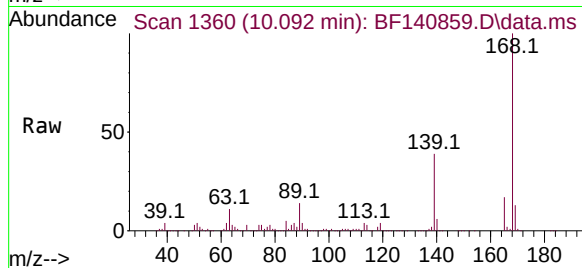
Tgt Ion:168 Resp: 619833

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

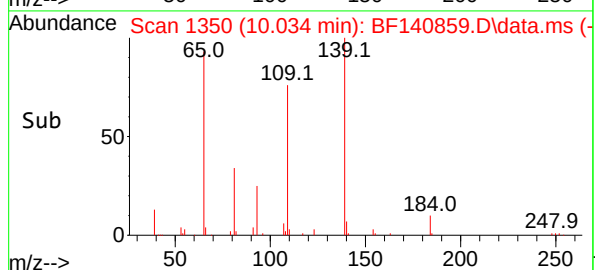
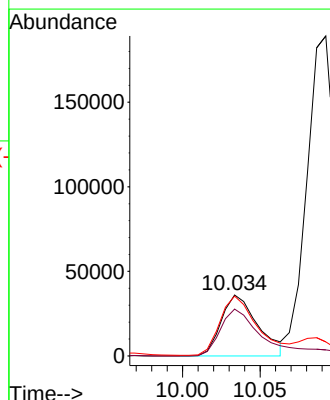
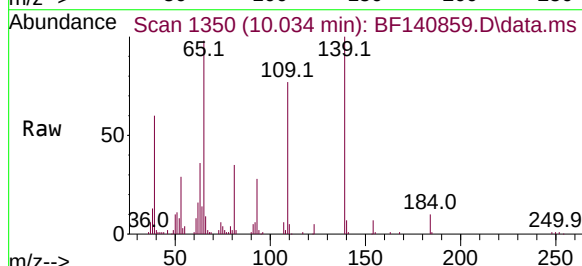
Tgt Ion:139 Resp: 59043

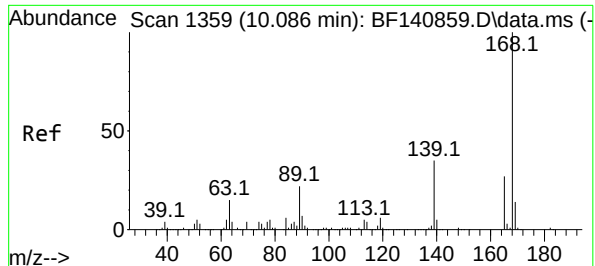
Ion Ratio Lower Upper

139 100

109 76.7 56.7 96.7

65 98.1 78.1 118.1

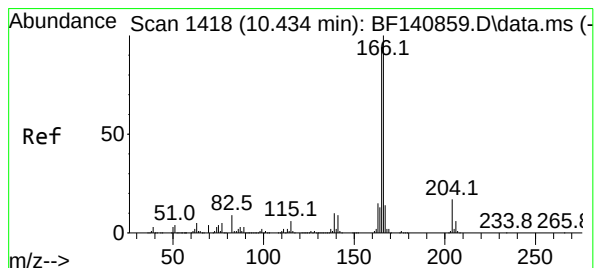
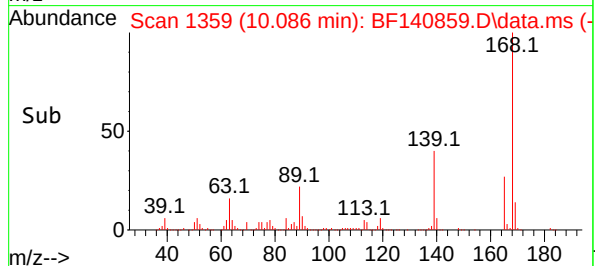
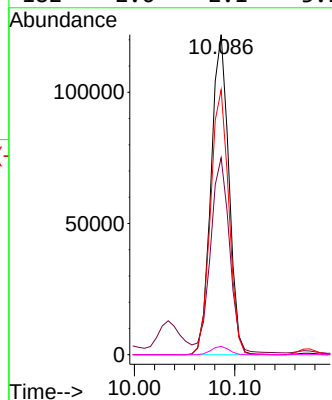
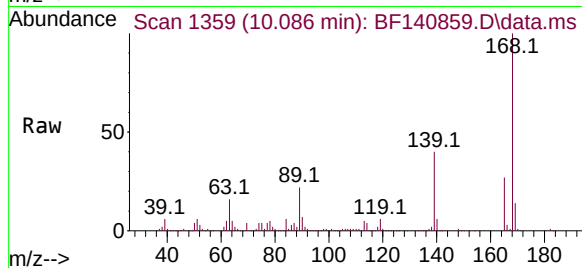




#57
2,4-Dinitrotoluene
Concen: 39.502 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

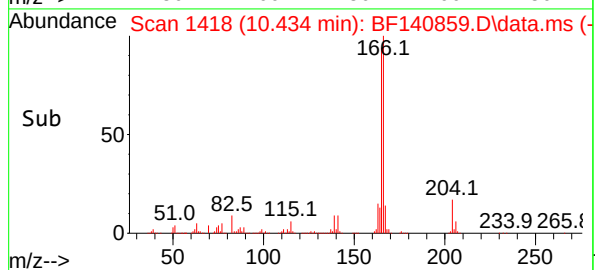
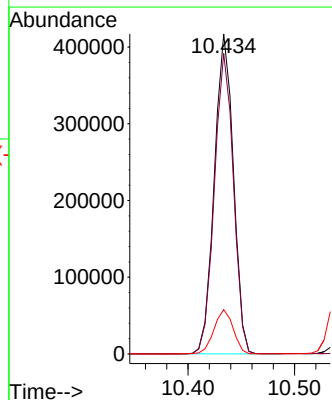
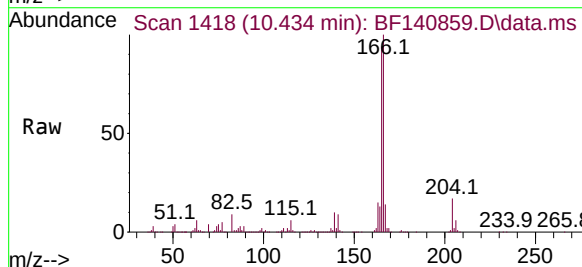
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

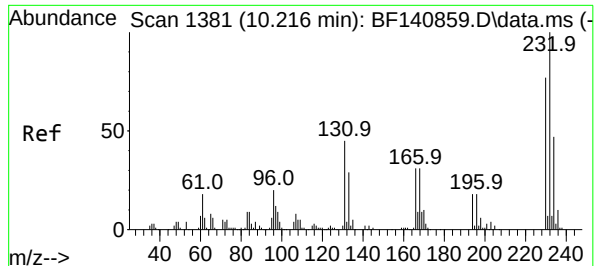
Tgt Ion:165 Resp: 150199
Ion Ratio Lower Upper
165 100
63 61.6 49.3 73.9
89 82.8 66.2 99.4
182 2.6 2.1 3.1



#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

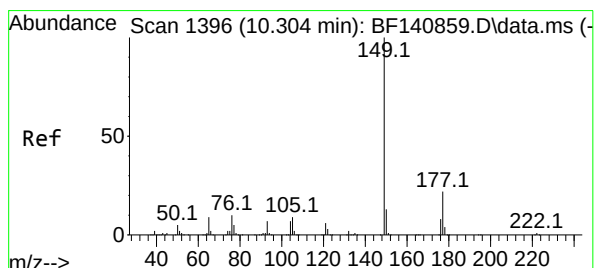
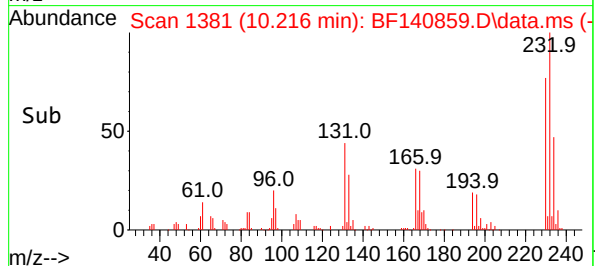
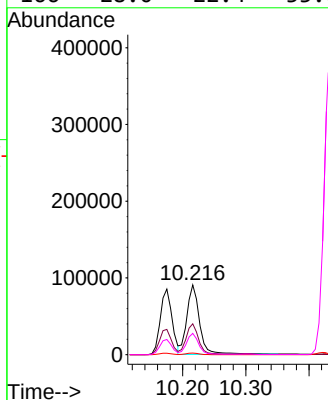
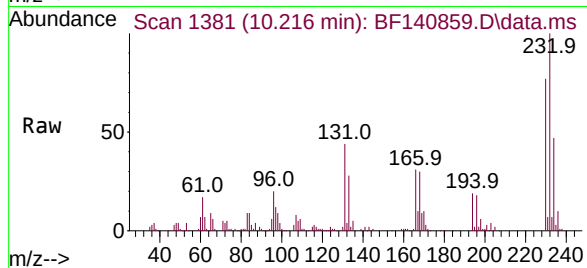




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.028 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

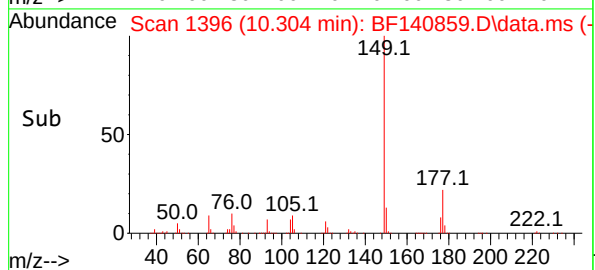
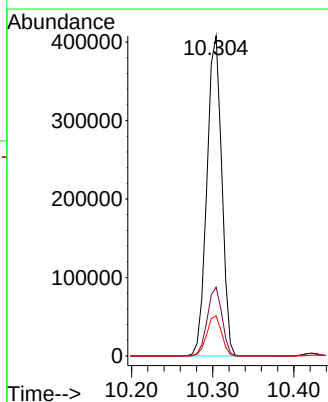
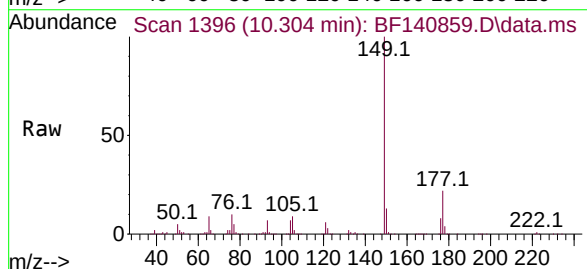
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

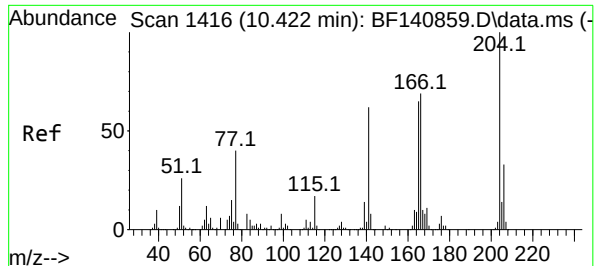
Tgt Ion:232 Resp: 127023
Ion Ratio Lower Upper
232 100
131 43.9 35.1 52.7
130 2.3 1.8 2.8
166 28.0 22.4 33.6



#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

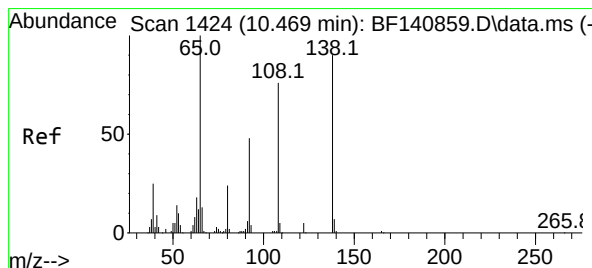
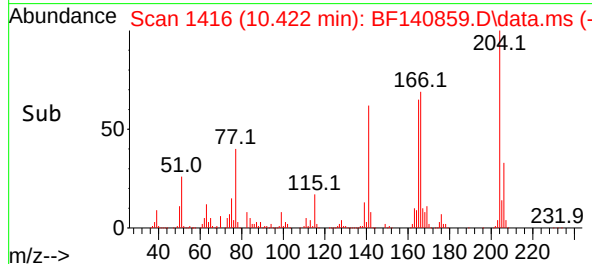
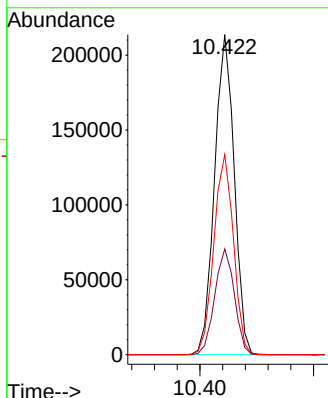
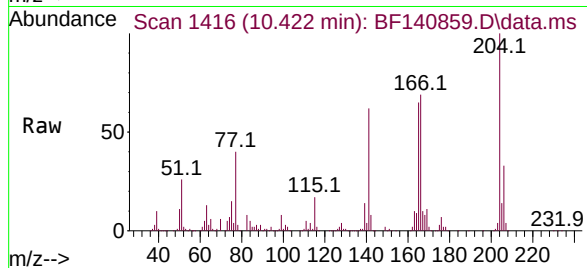




#61
4-Chlorophenyl-phenylether
Concen: 39.062 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

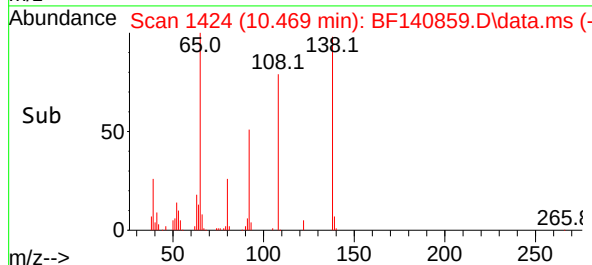
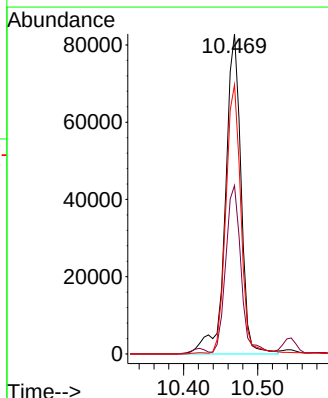
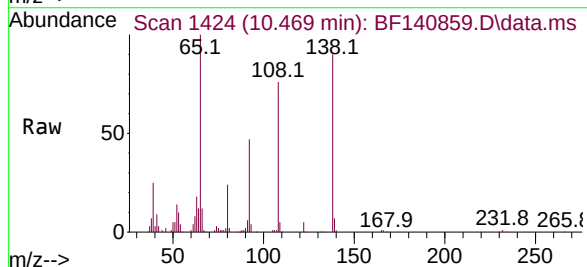
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

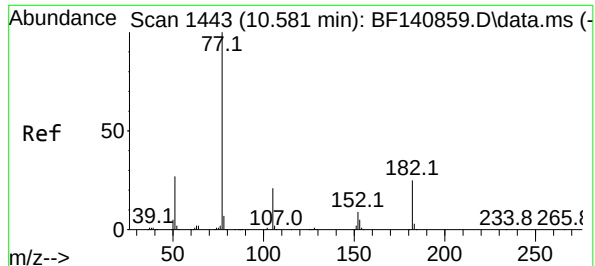
Tgt Ion:204 Resp: 256836
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 62.5 50.0 75.0



#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

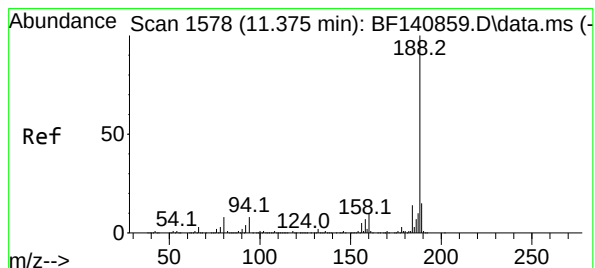
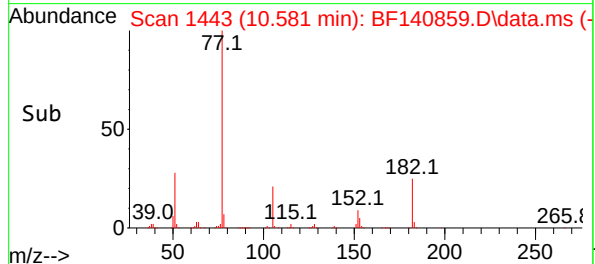
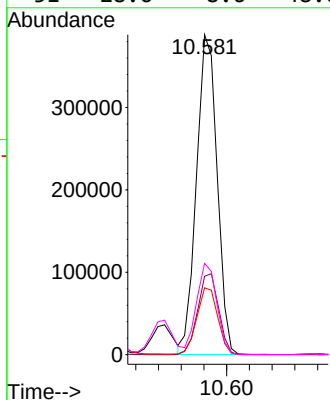
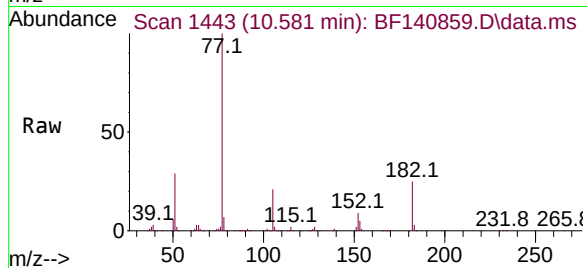




#63
Azobenzene
Concen: 39.821 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

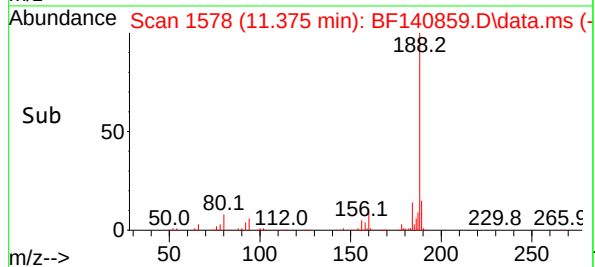
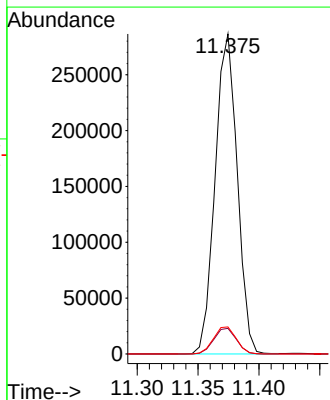
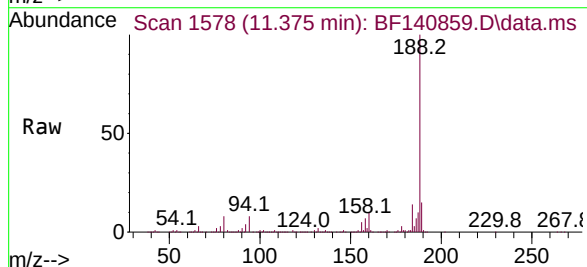
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

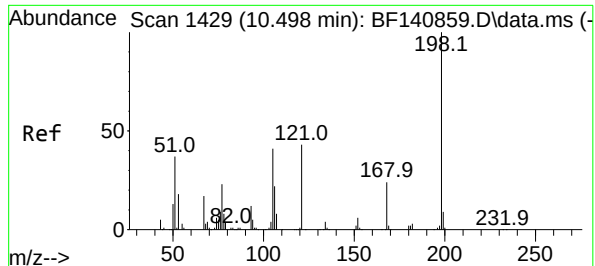
Tgt Ion: 77	Resp: 490731
Ion Ratio	Lower Upper
77 100	
182 24.5	4.5 44.5
105 20.9	0.9 40.9
51 28.6	8.6 48.6



#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

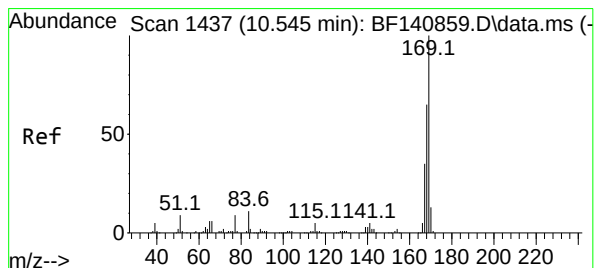
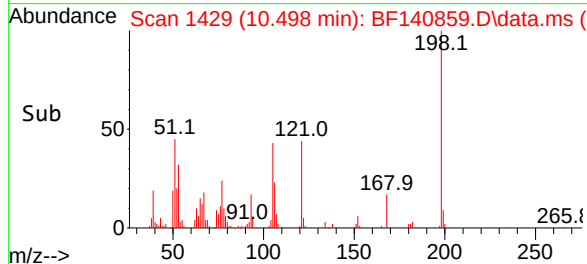
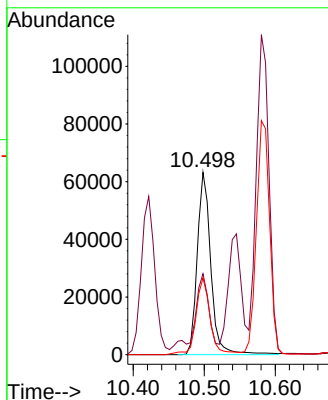
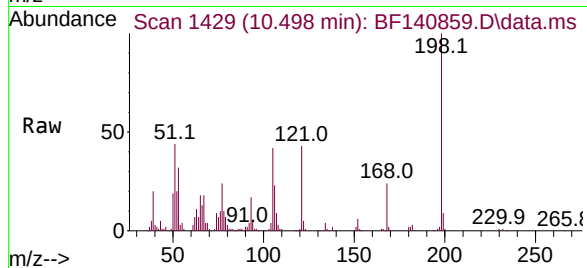




#65
4,6-Dinitro-2-methylphenol
Concen: 41.148 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

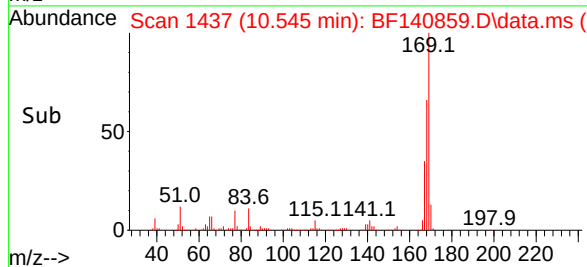
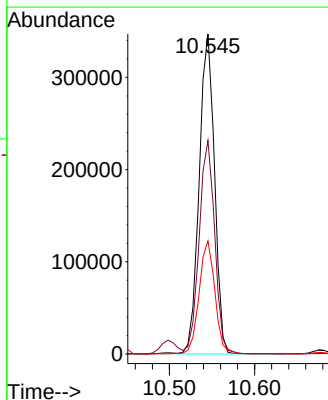
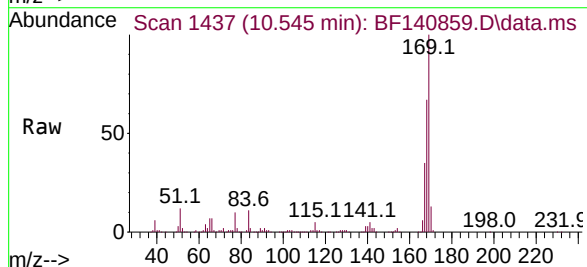
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

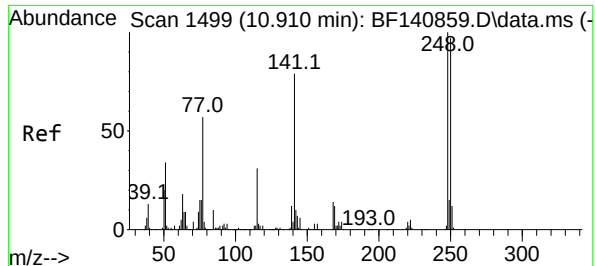
Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.4	24.4	64.4
105	42.1	22.1	62.1



#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	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.0
167	35.4	28.3	42.5

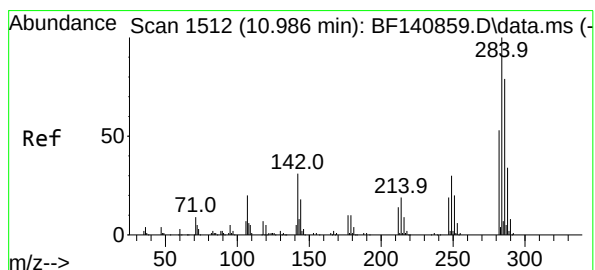
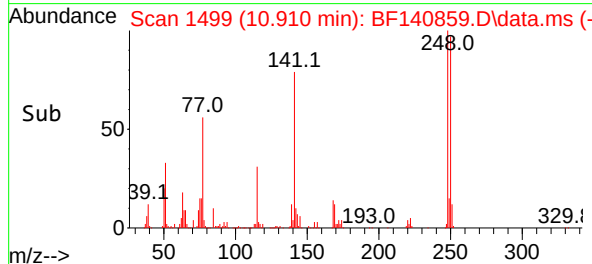
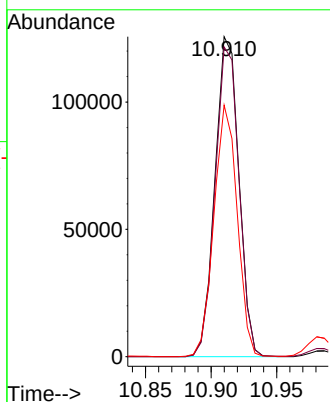
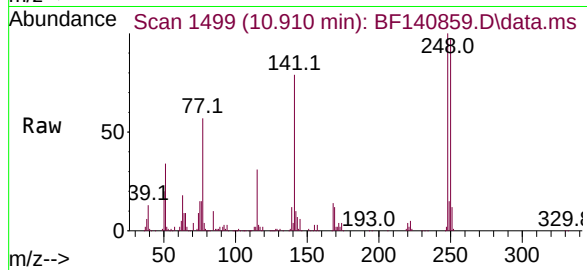




#67
4-Bromophenyl-phenylether
Concen: 39.307 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

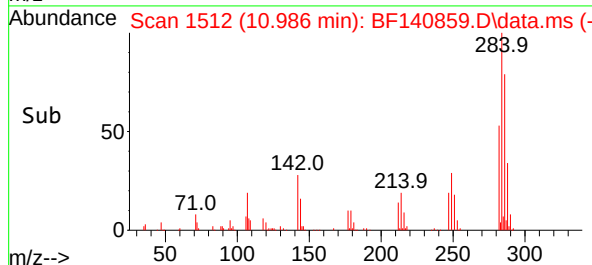
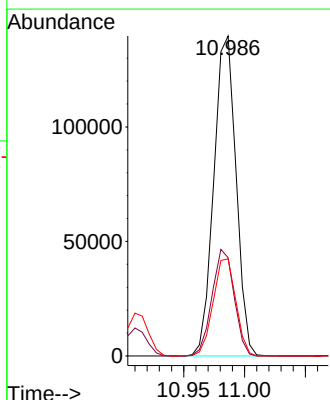
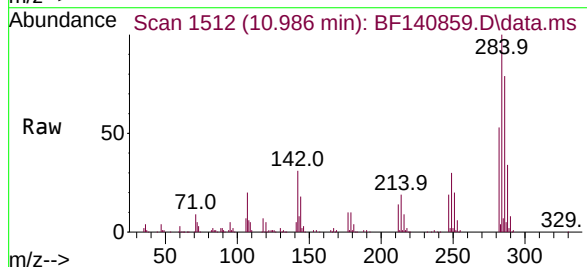
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

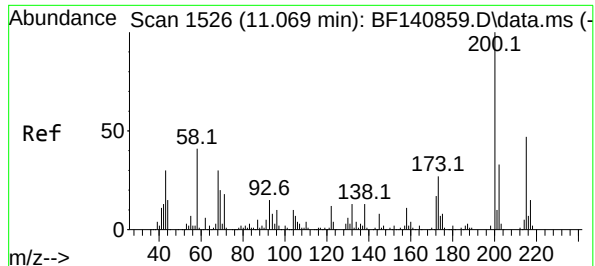
Tgt Ion:248 Resp: 159117
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.2
141 78.6 62.9 94.3



#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

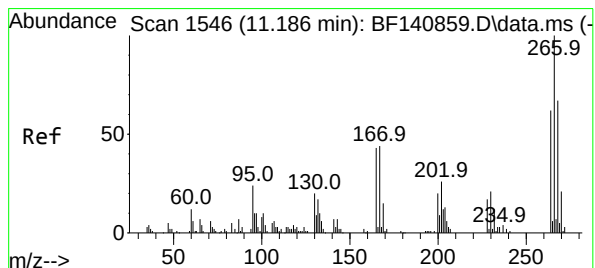
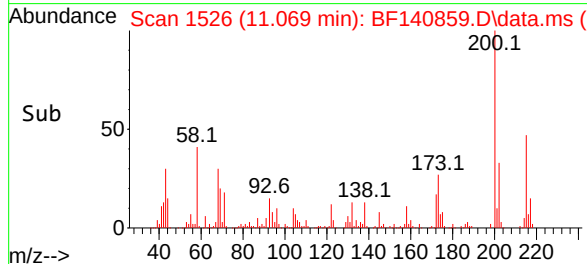
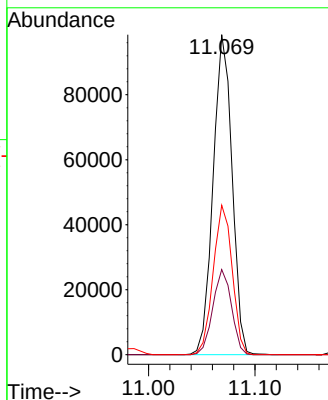
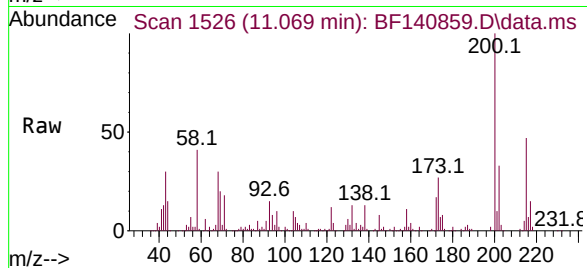




#69
Atrazine
Concen: 39.101 ng
RT: 11.069 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

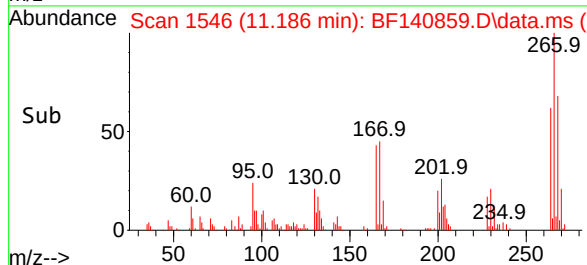
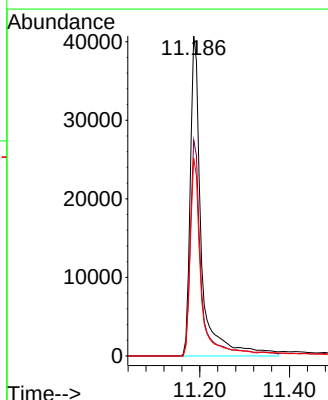
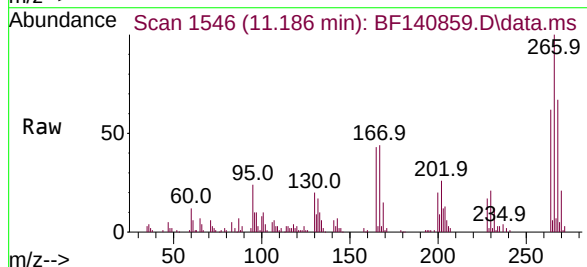
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

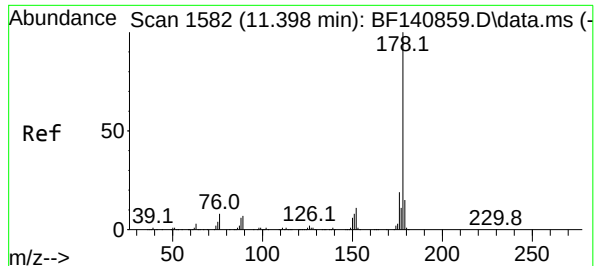
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	46.7	26.7	66.7



#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	Ratio	Lower	Upper
266	100		
268	67.5	54.0	81.0
264	61.8	49.4	74.2

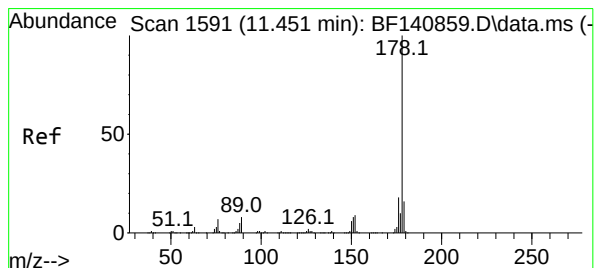
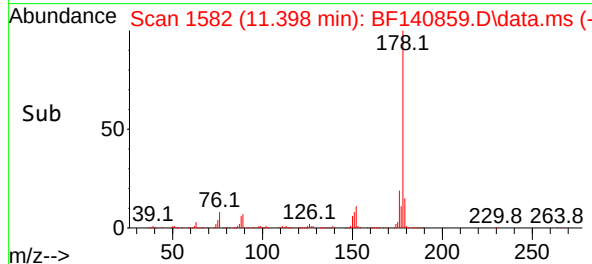
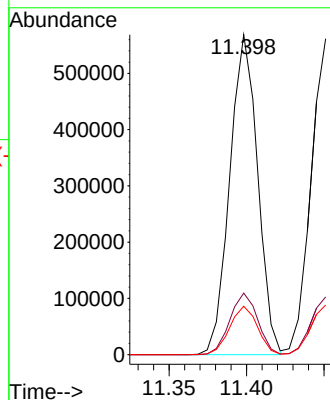
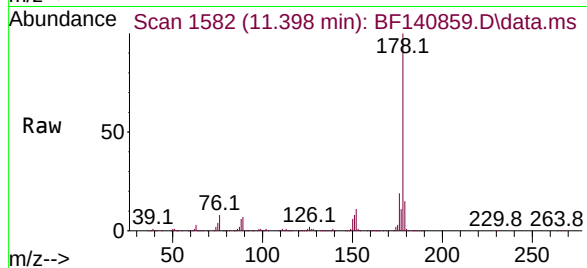




#71
Phenanthrene
Concen: 38.248 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

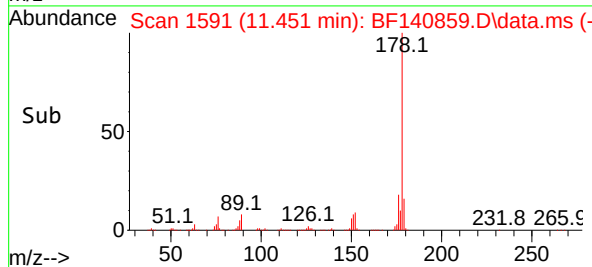
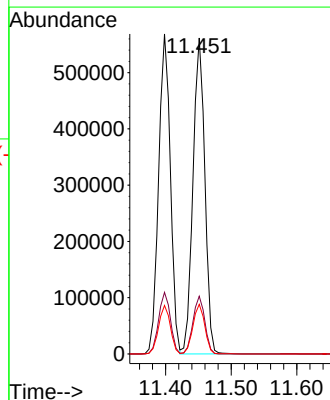
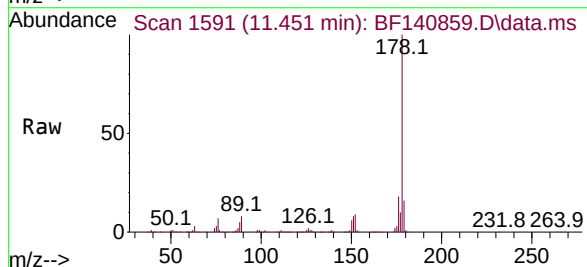
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

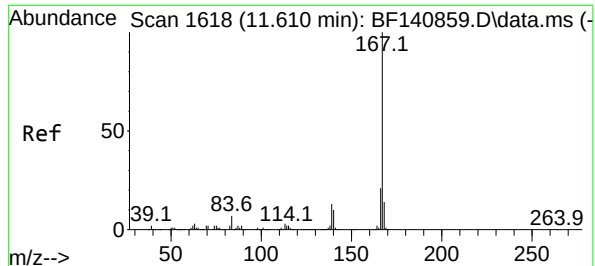
Tgt Ion:178 Resp: 711714
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.1 12.1 18.1



#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

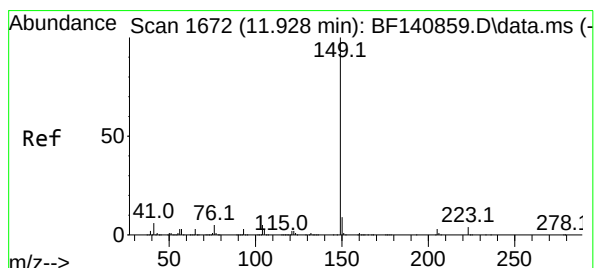
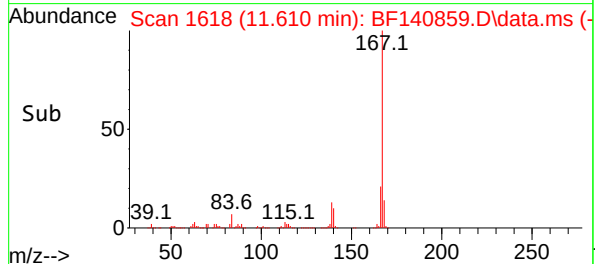
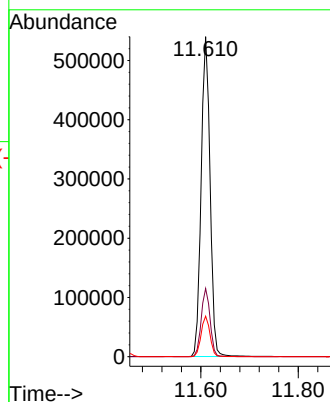
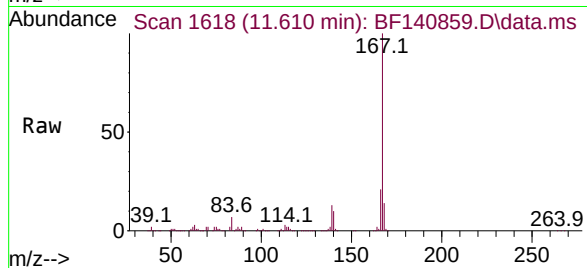




#73
Carbazole
Concen: 38.392 ng
RT: 11.610 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

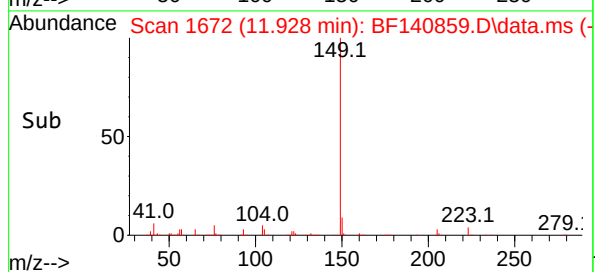
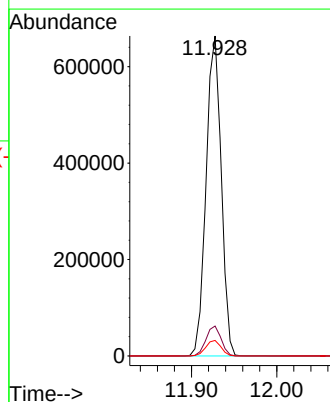
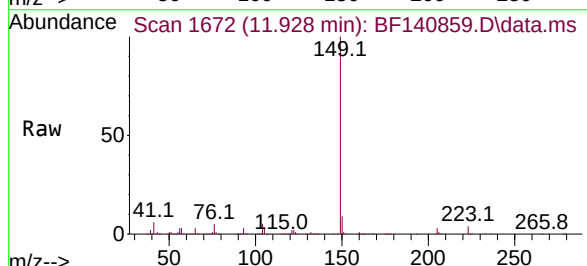
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

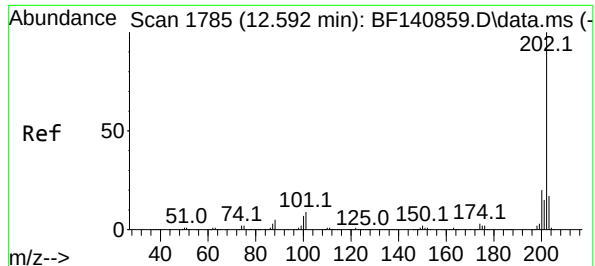
Tgt Ion:167 Resp: 689096
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 12.7 10.2 15.2



#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

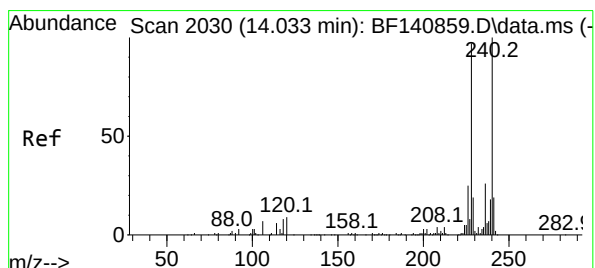
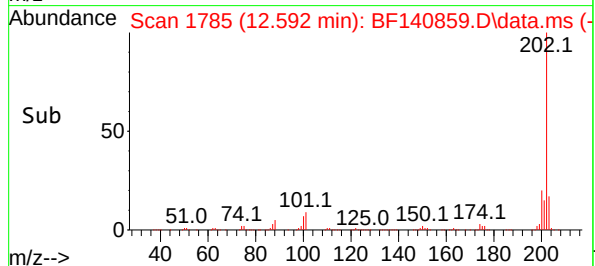
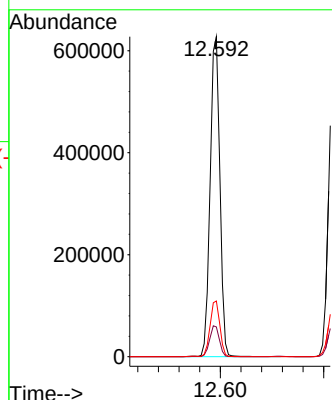
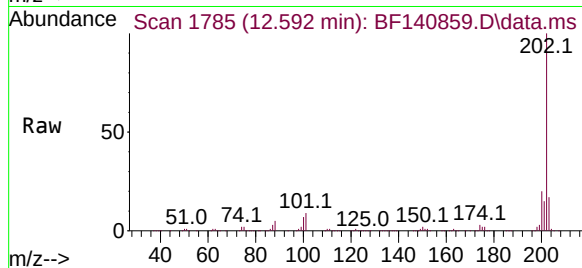




#75
Fluoranthene
Concen: 38.159 ng
RT: 12.592 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

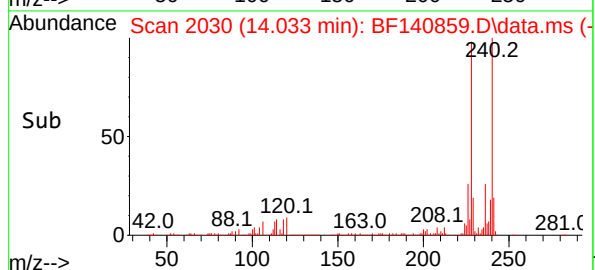
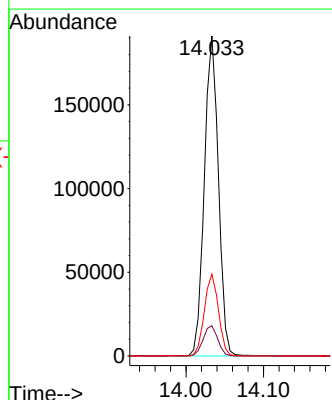
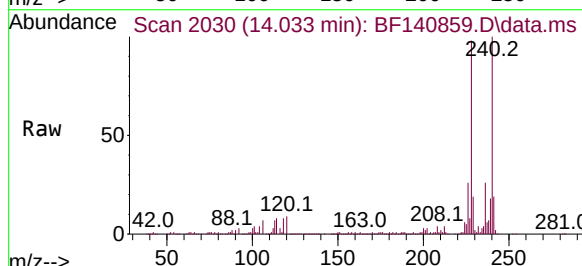
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

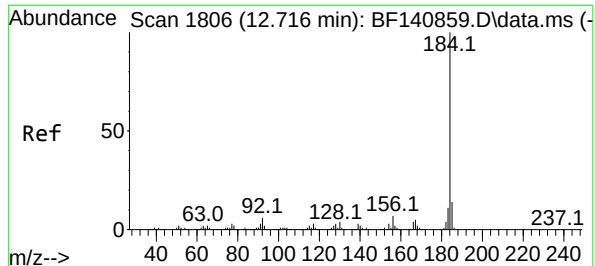
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.3
203	17.4	0.0	37.4



#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	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# 1806

Delta R.T. -0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

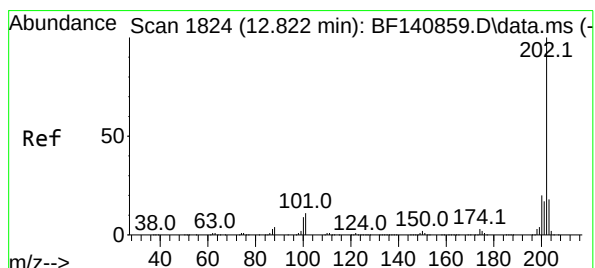
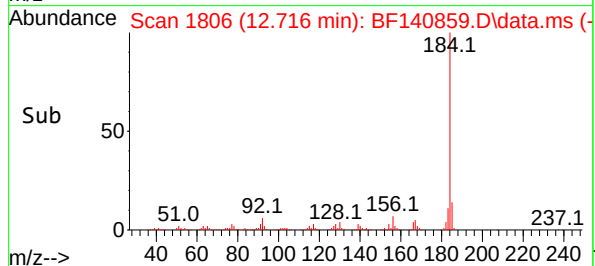
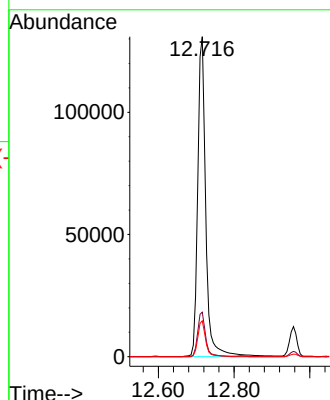
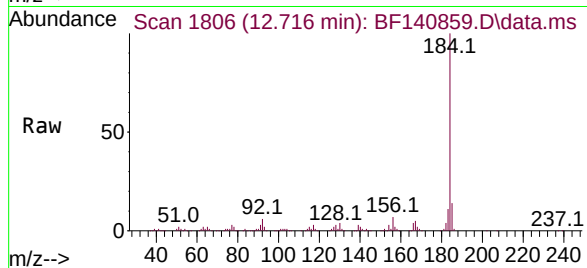
Tgt Ion:184 Resp: 194791

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

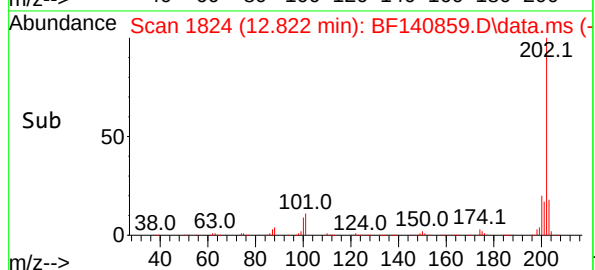
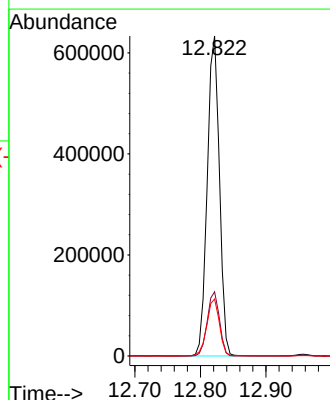
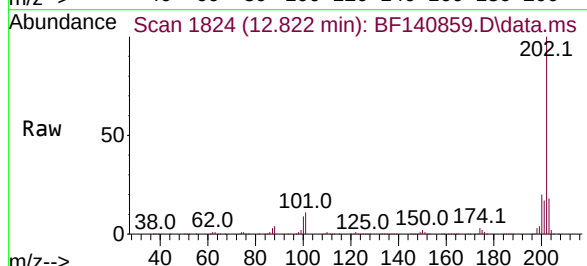
Tgt Ion:202 Resp: 818937

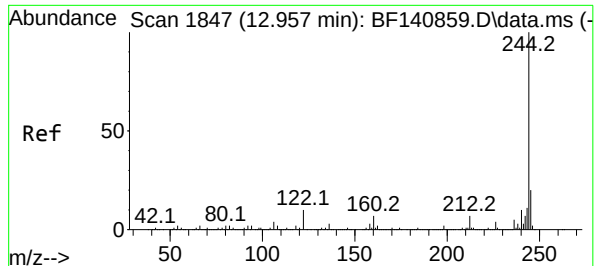
Ion Ratio Lower Upper

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# 1847

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

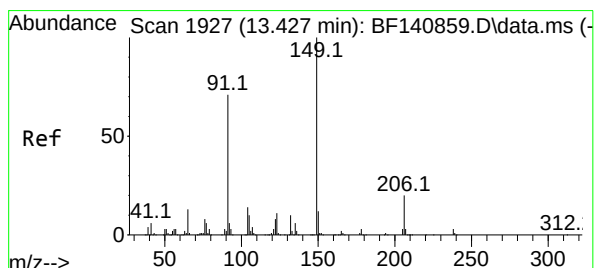
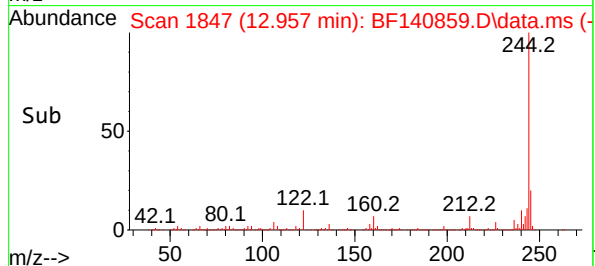
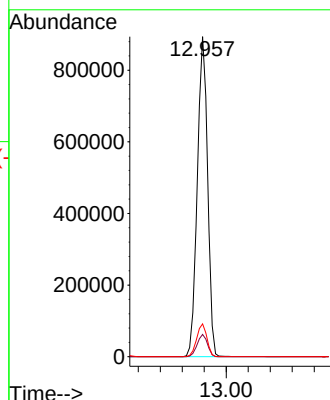
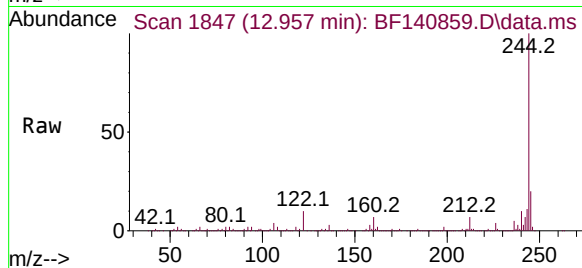
Tgt Ion:244 Resp: 1163098

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

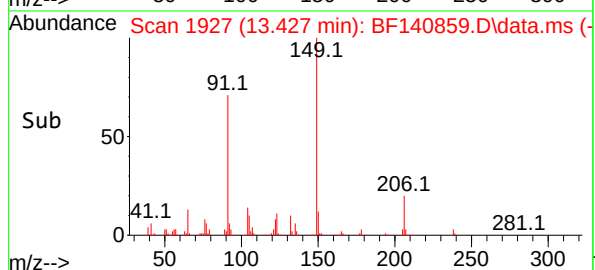
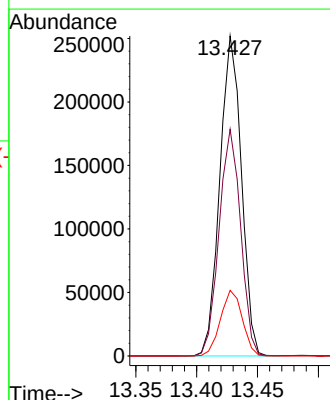
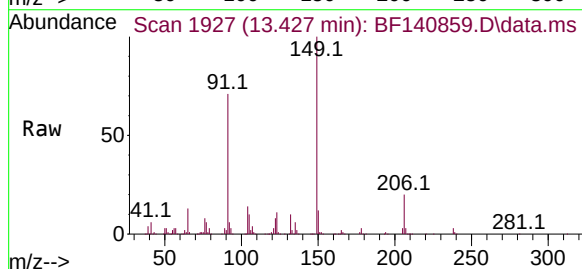
Tgt Ion:149 Resp: 311465

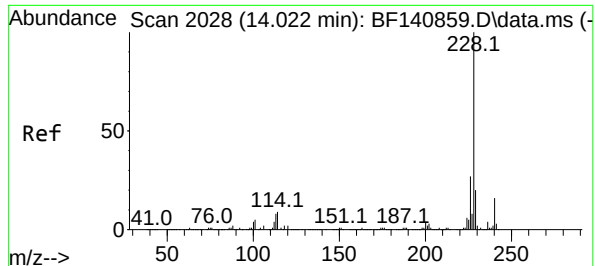
Ion Ratio Lower Upper

149 100

91 70.9 56.7 85.1

206 20.5 16.4 24.6

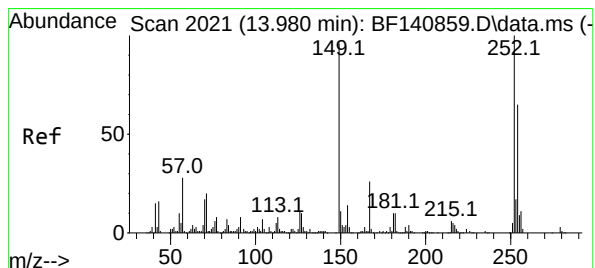
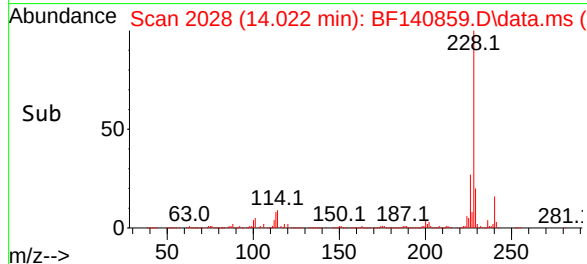
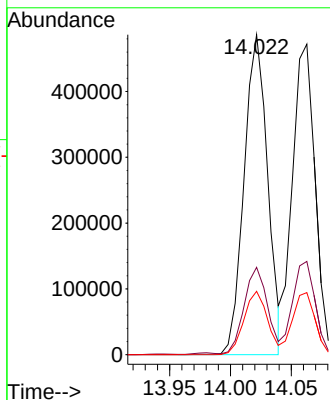
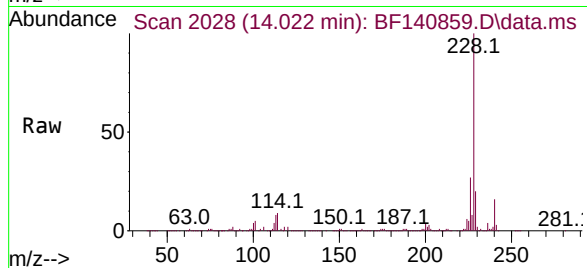




#81
Benzo(a)anthracene
Concen: 38.340 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

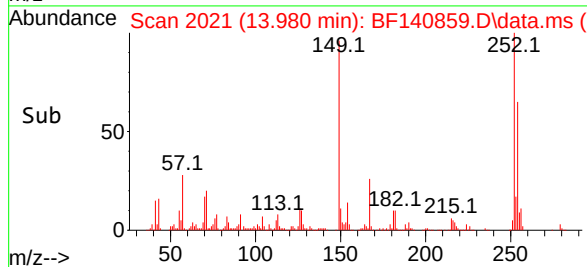
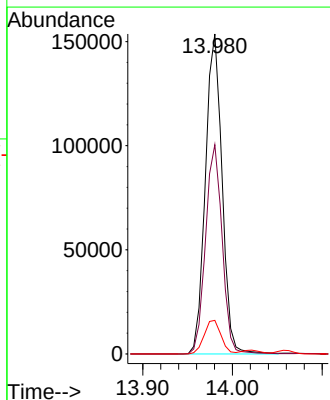
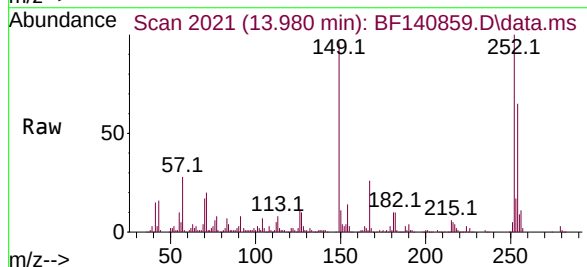
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

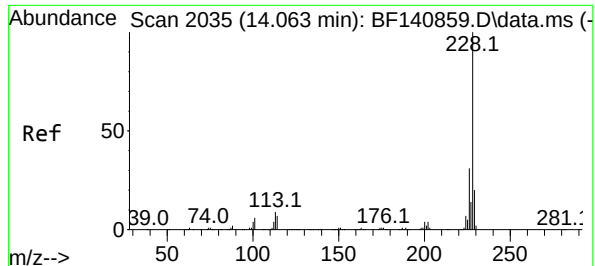
Tgt Ion:228 Resp: 654937
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.8 23.8



#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

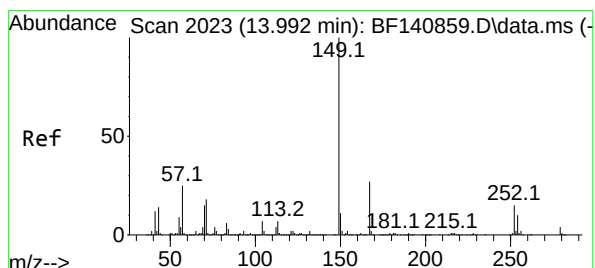
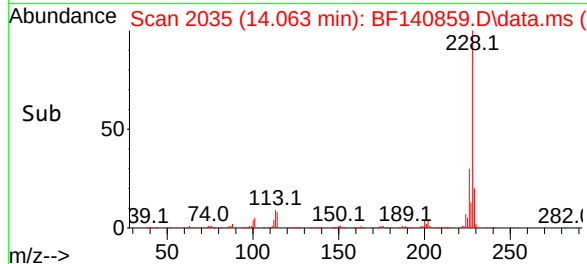
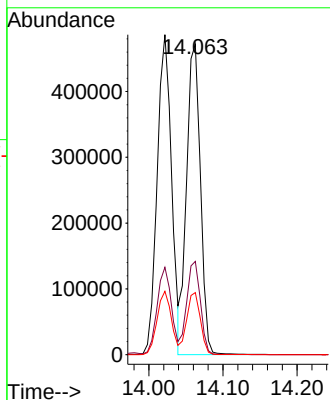
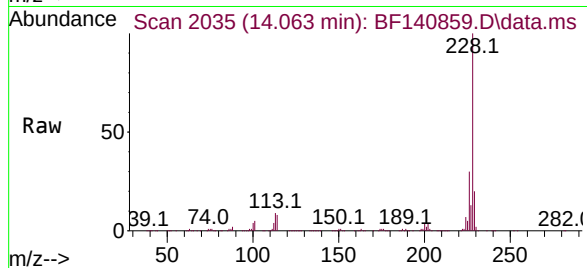




#83
Chrysene
Concen: 39.430 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

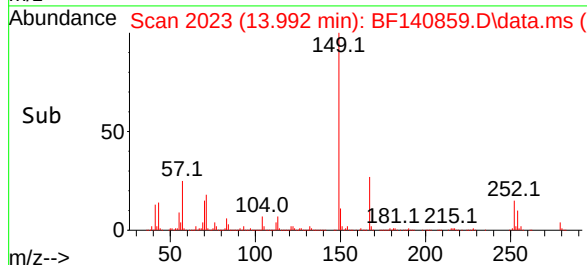
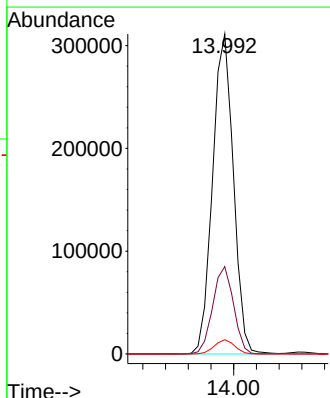
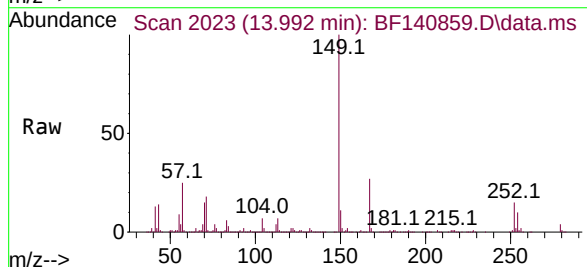
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

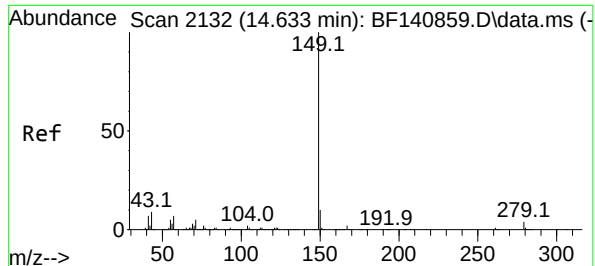
Tgt Ion:228 Resp: 612484
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 20.0 16.0 24.0



#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

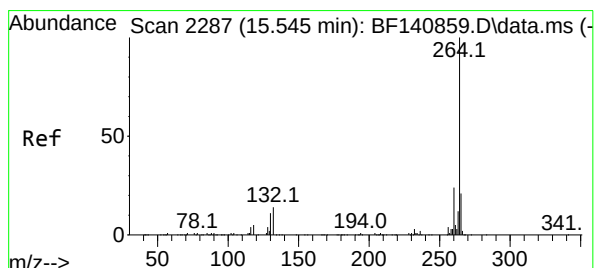
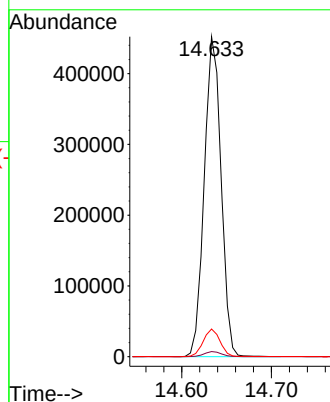
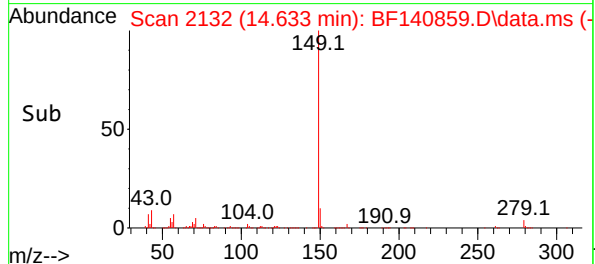
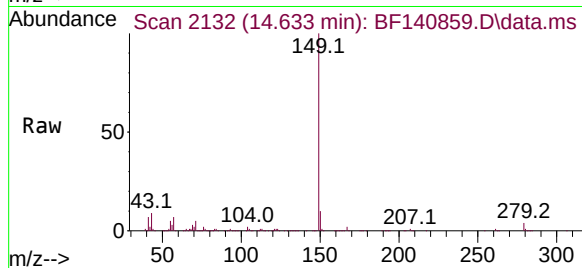




#85
Di-n-octyl phthalate
Concen: 38.326 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

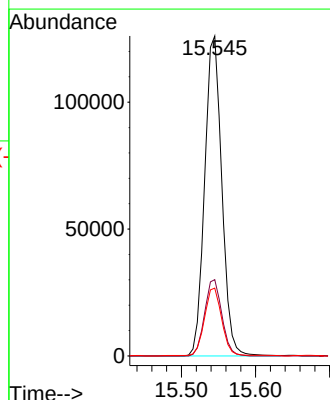
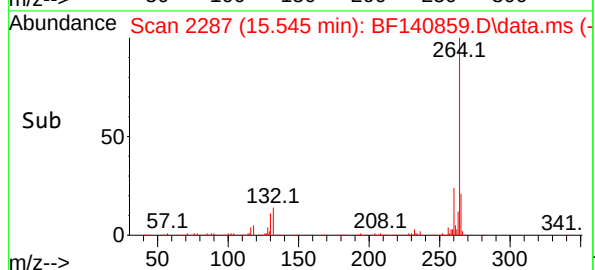
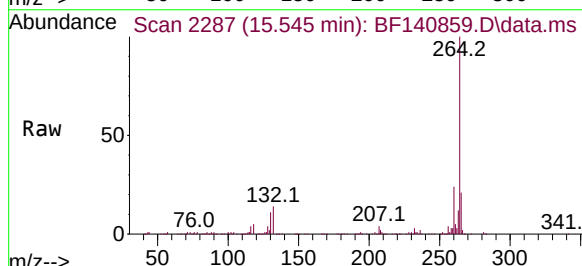
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

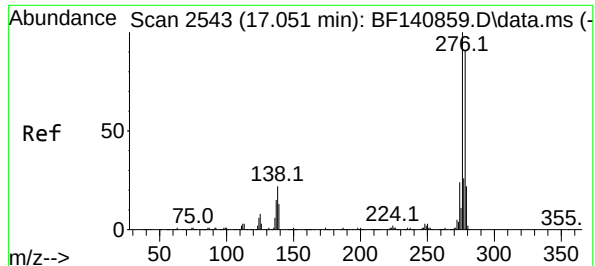
Tgt Ion:149 Resp: 589634
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.0 10.6



#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

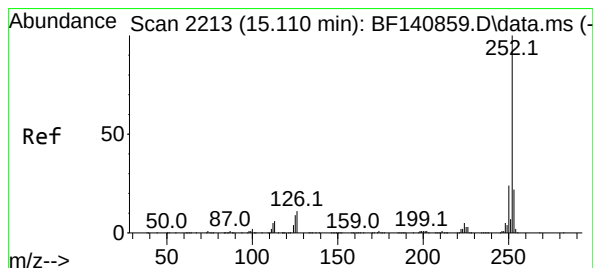
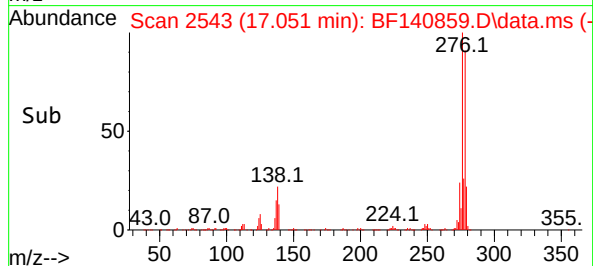
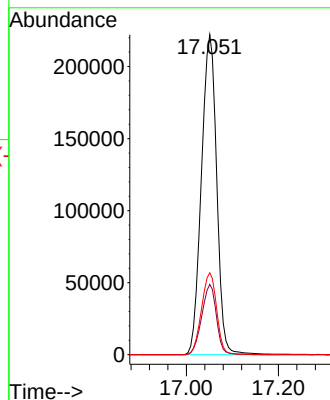
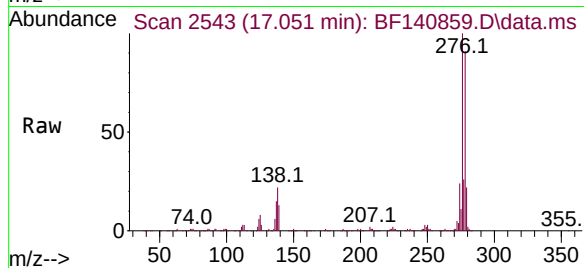




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.662 ng
RT: 17.051 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

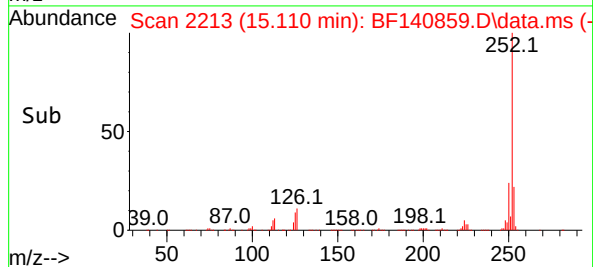
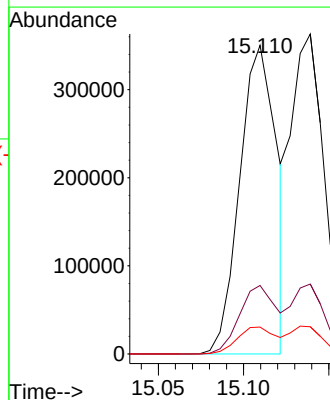
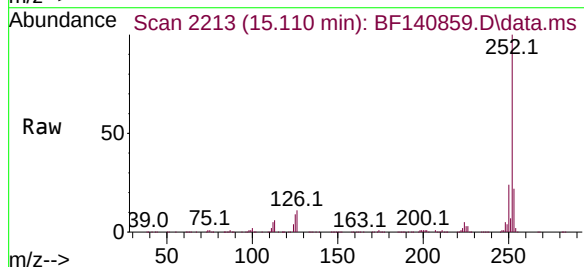
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

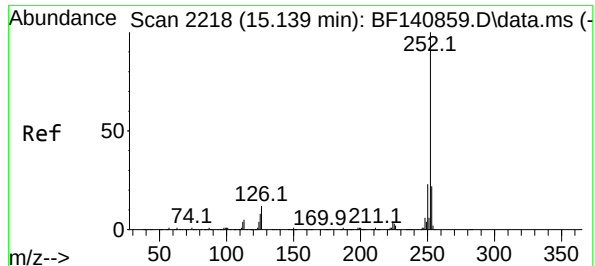
Tgt Ion:276 Resp: 514416
Ion Ratio Lower Upper
276 100
138 21.1 16.9 25.3
277 25.3 20.2 30.4



#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# 2218

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

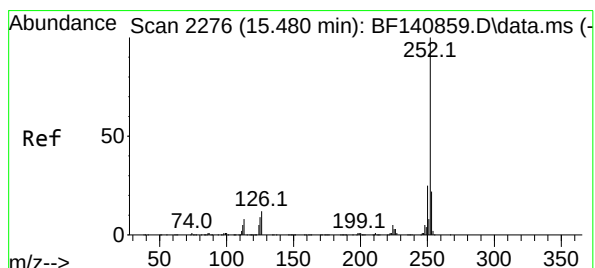
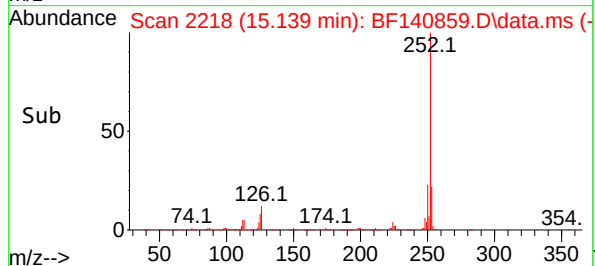
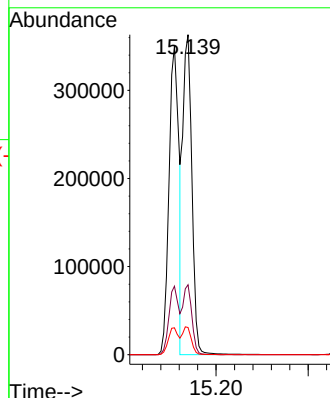
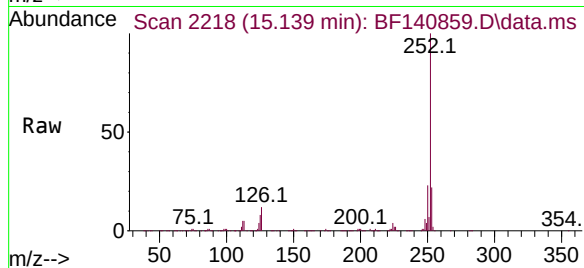
Tgt Ion:252 Resp: 496310

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

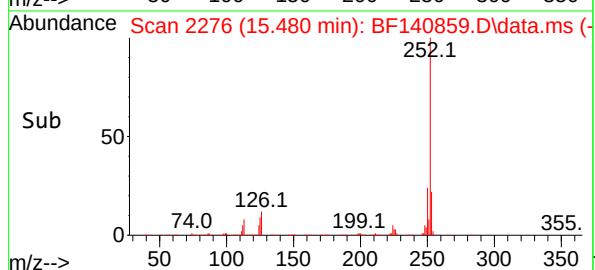
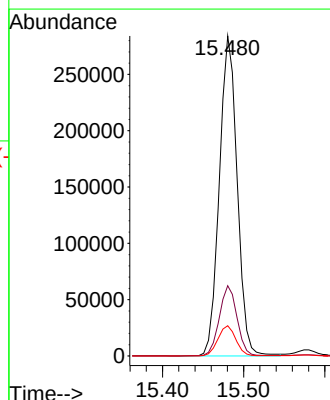
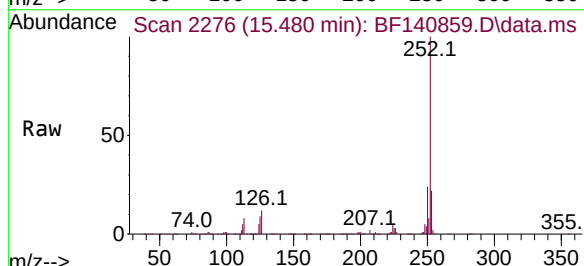
Tgt Ion:252 Resp: 435015

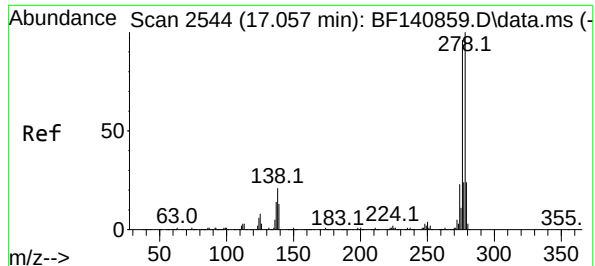
Ion Ratio Lower Upper

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# 21

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

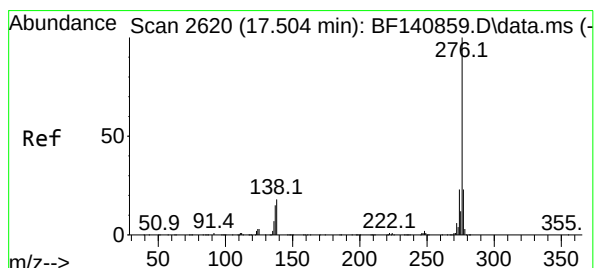
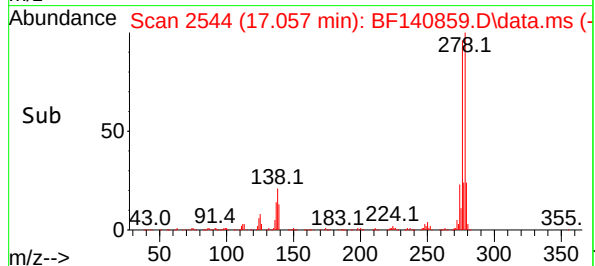
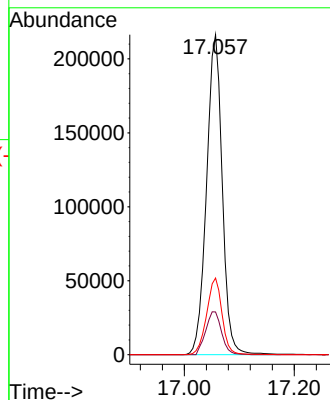
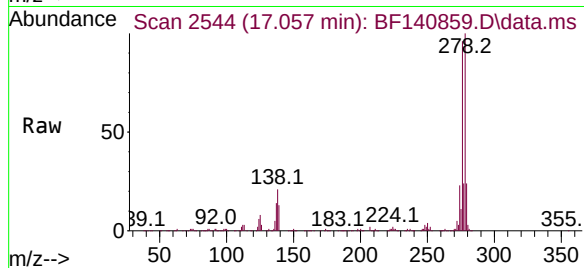
Tgt Ion:278 Resp: 428983

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

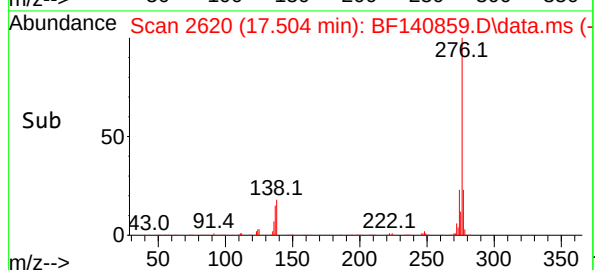
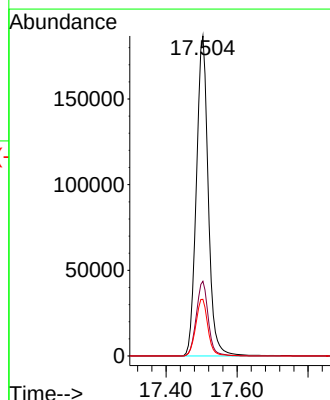
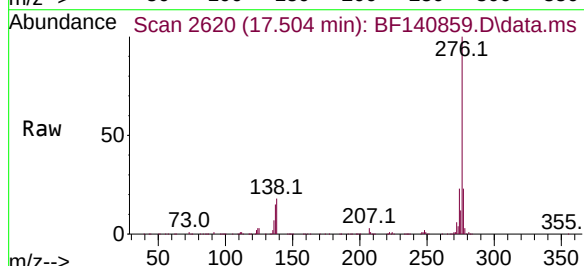
Tgt Ion:276 Resp: 434898

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 17.7 14.2 21.2



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

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

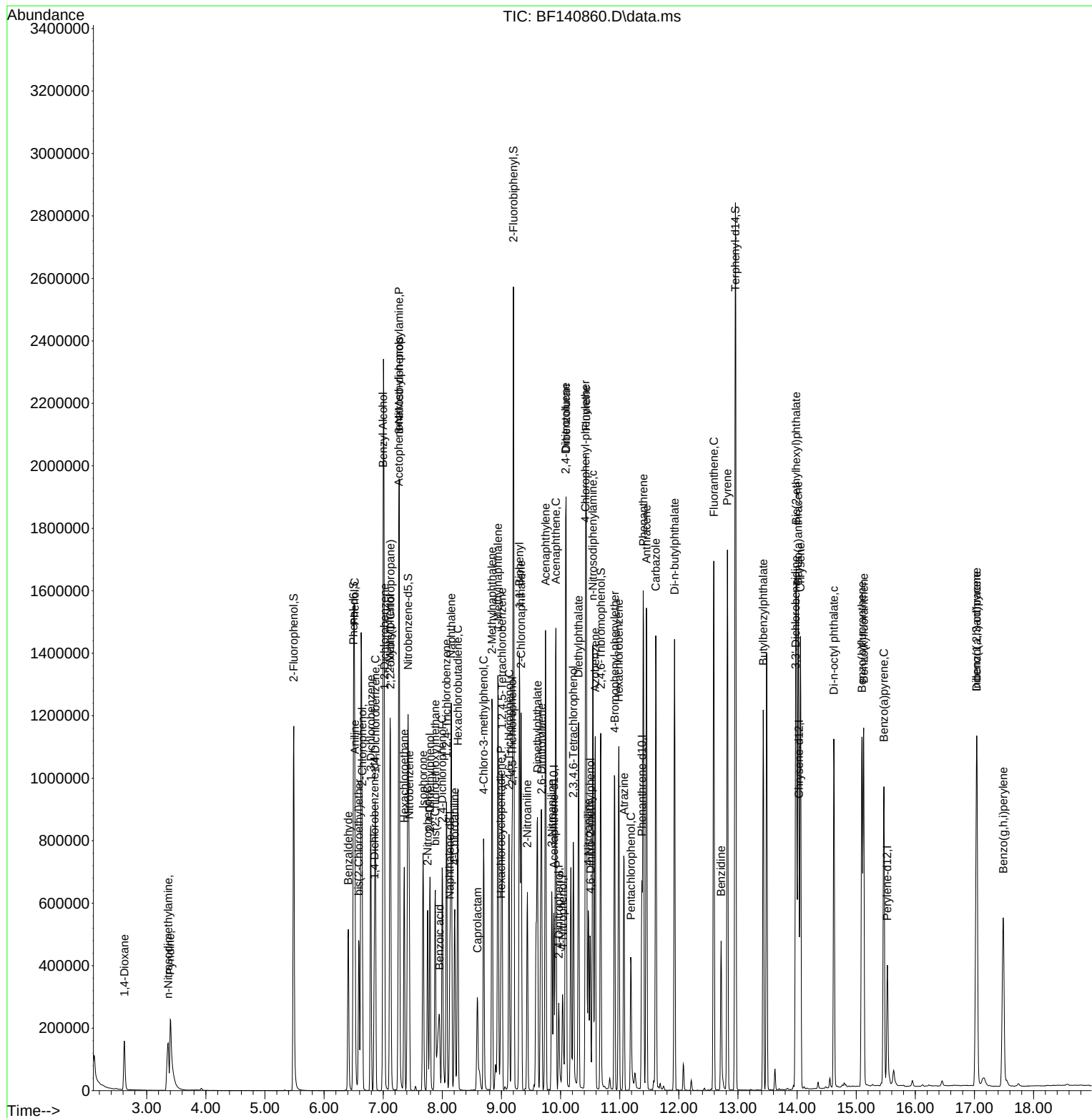
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	170411	47.697	ng	99
46) 1,1'-Biphenyl	9.304	154	631768	46.001	ng	99
47) 2-Chloronaphthalene	9.333	162	485339	46.194	ng	98
48) 2-Nitroaniline	9.439	65	147104	46.359	ng	96
49) Acenaphthylene	9.745	152	732431	47.437	ng	100
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

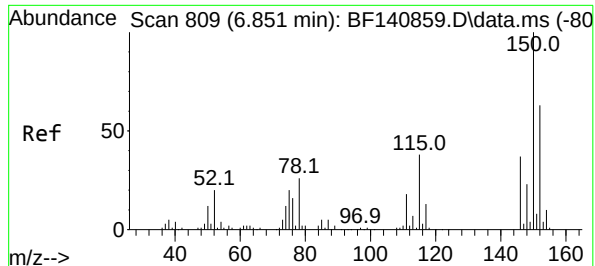
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF140860.D
Acq On    : 16 Dec 2024  15:23
Operator  : RC/JU
Sample    : SSTDICC050
Misc      :
ALS Vial  : 7   Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC050

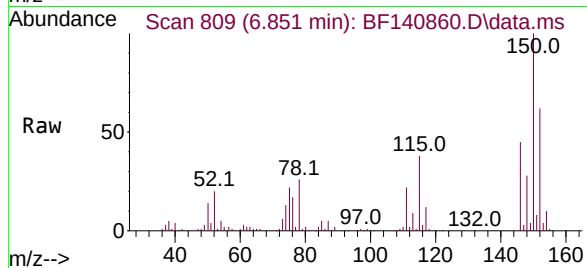
Quant Time: Dec 16 16:50:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



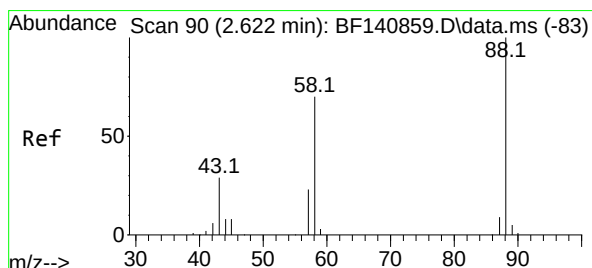
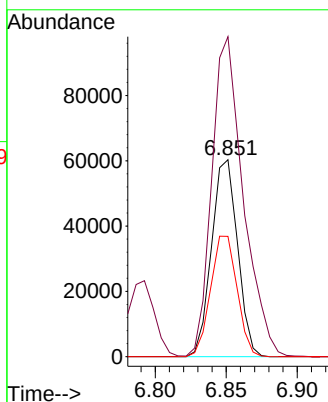
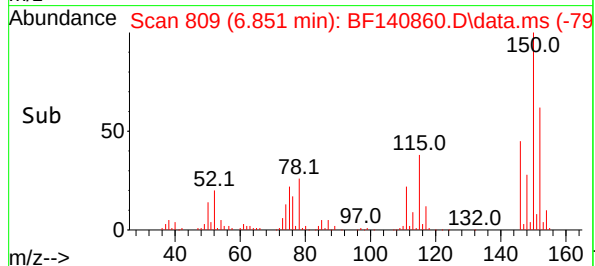


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

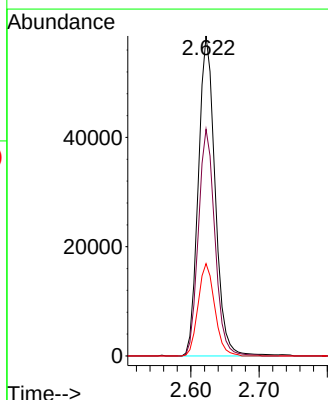
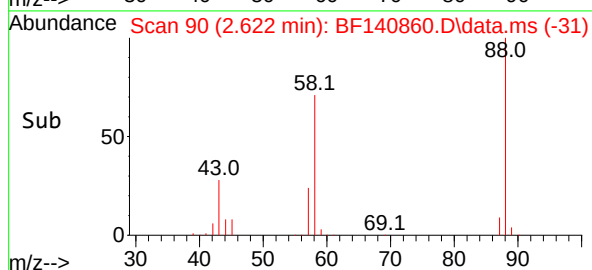
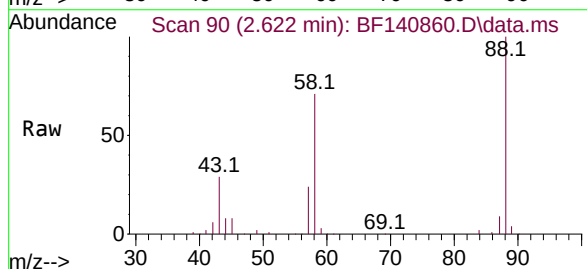


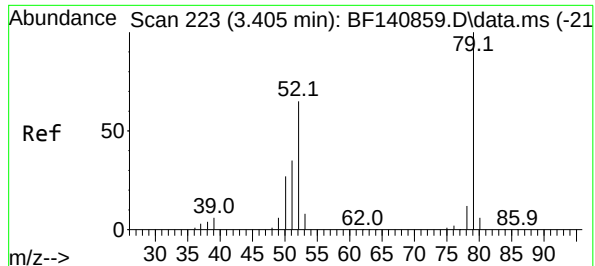
Tgt Ion:152 Resp: 76886
Ion Ratio Lower Upper
152 100
150 162.5 127.9 191.9
115 61.1 48.0 72.0



#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# 21

Delta R.T. -0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

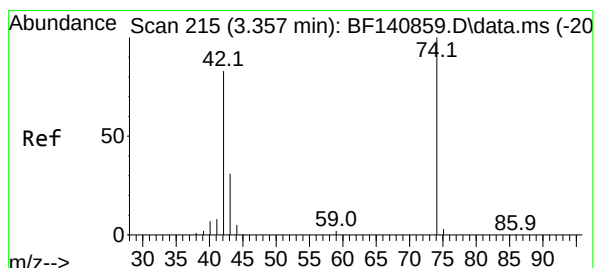
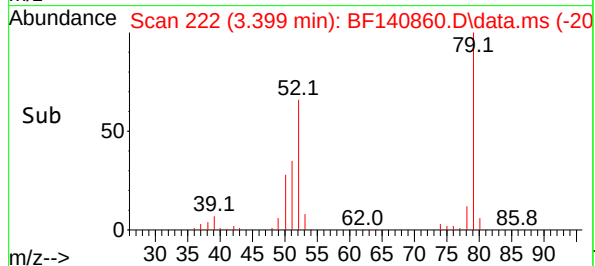
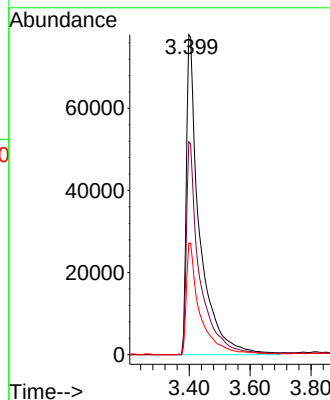
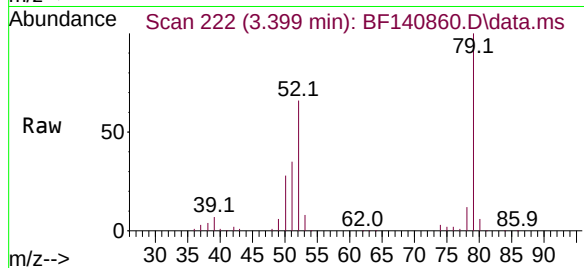
Tgt Ion: 79 Resp: 234673

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

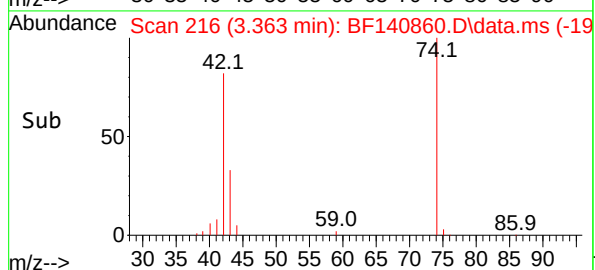
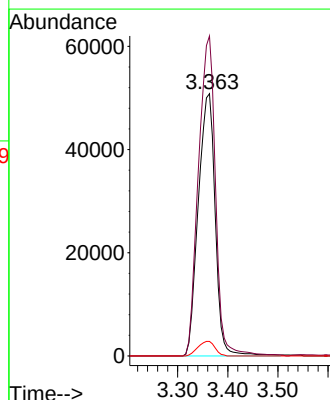
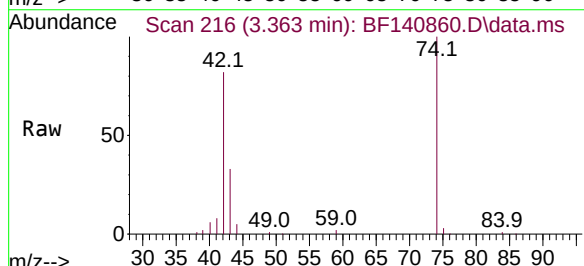
Tgt Ion: 42 Resp: 119432

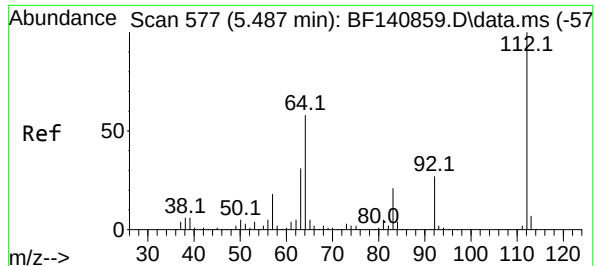
Ion Ratio Lower Upper

42 100

74 122.0 96.9 145.3

44 5.5 4.4 6.6

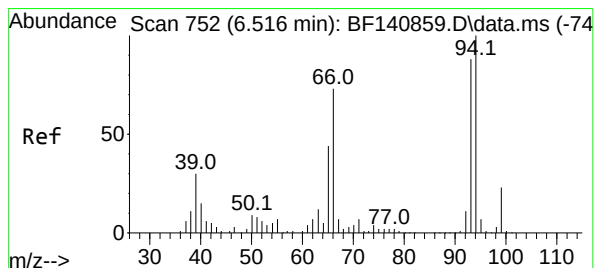
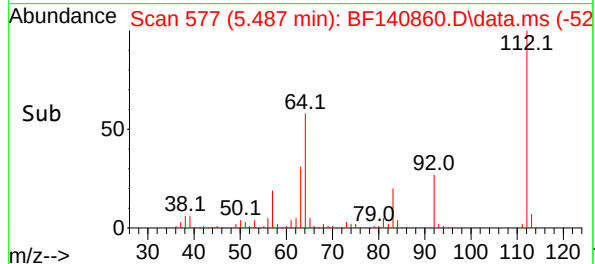
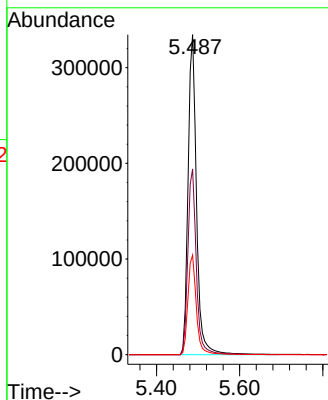
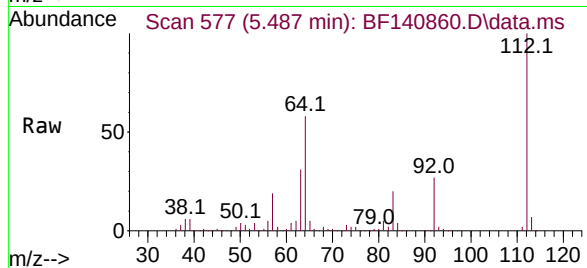




#5
2-Fluorophenol
Concen: 101.322 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

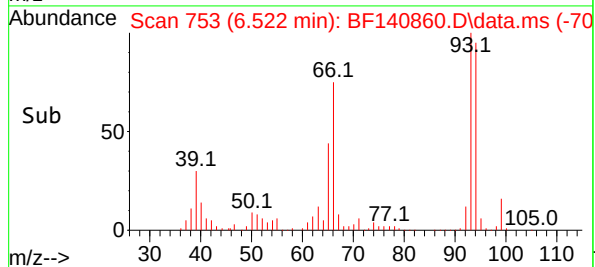
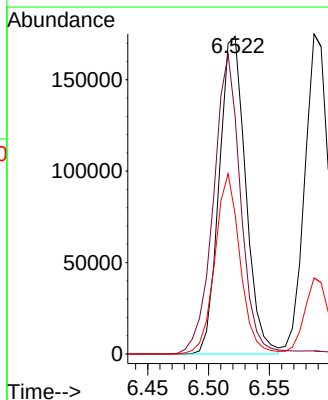
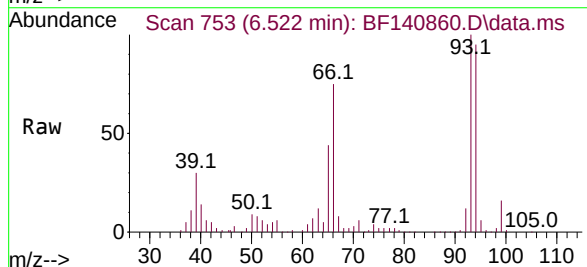
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

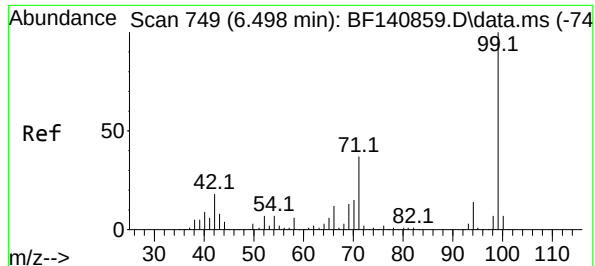
Tgt Ion:112 Resp: 473230
Ion Ratio Lower Upper
112 100
64 58.0 46.1 69.1
63 31.1 24.9 37.3



#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

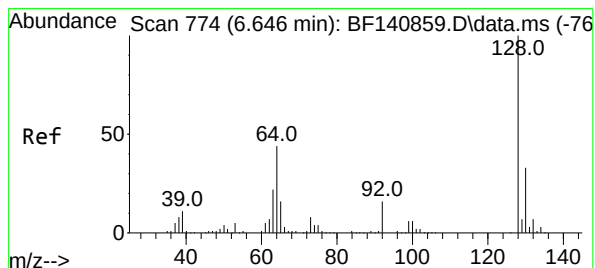
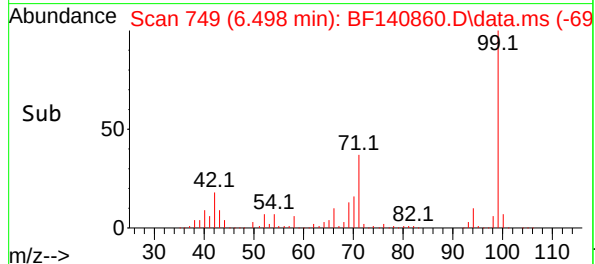
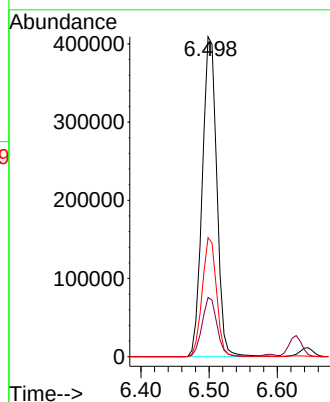
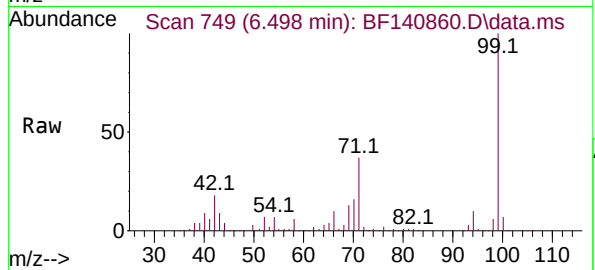




#7
Phenol-d6
Concen: 97.928 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

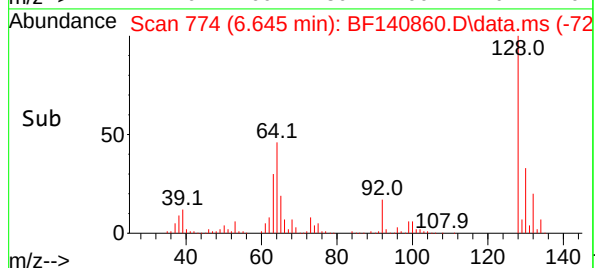
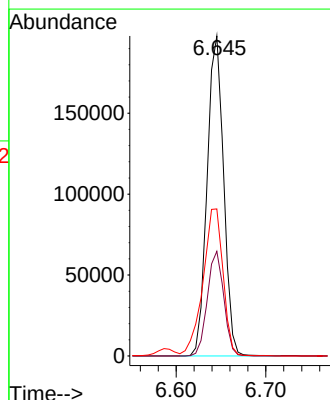
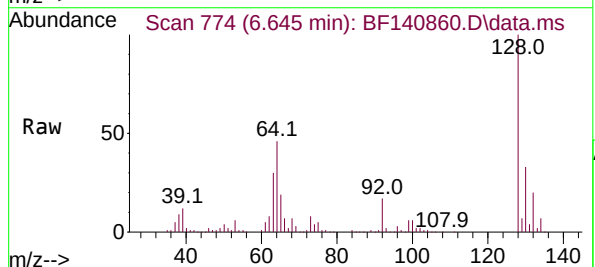
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

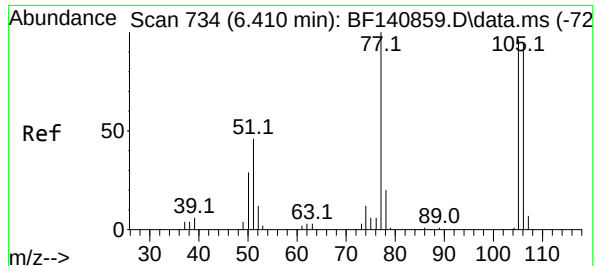
Tgt Ion: 99 Resp: 605803
Ion Ratio Lower Upper
99 100
42 18.5 14.3 21.5
71 37.2 29.9 44.9



#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# 71

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

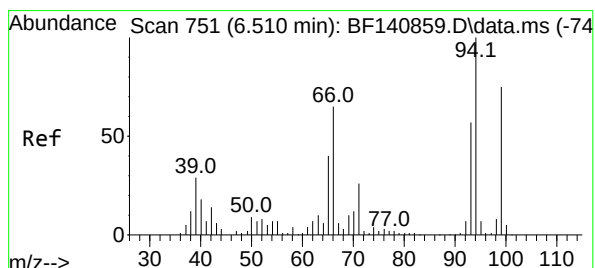
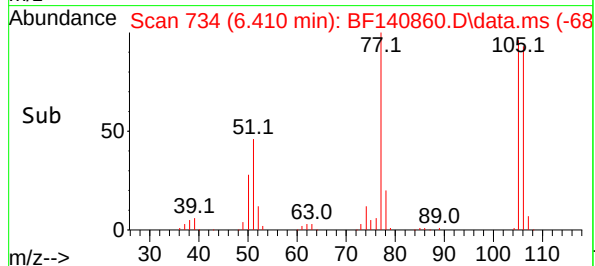
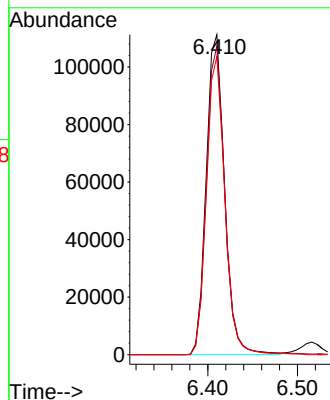
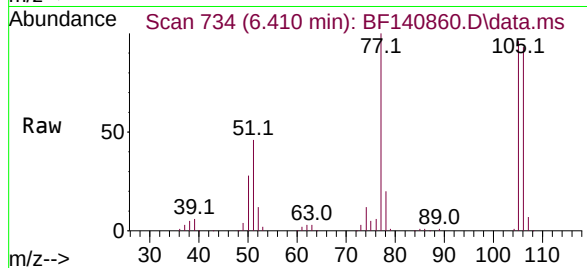
Tgt Ion: 77 Resp: 158111

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

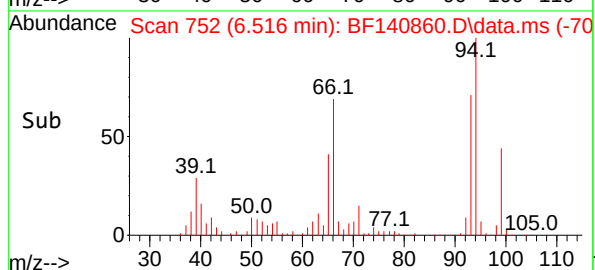
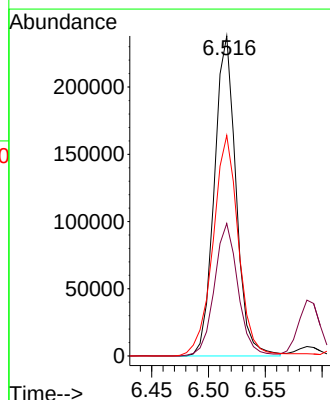
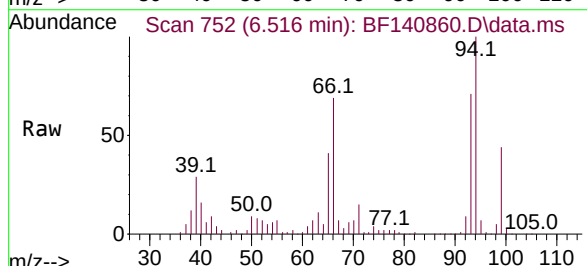
Tgt Ion: 94 Resp: 315876

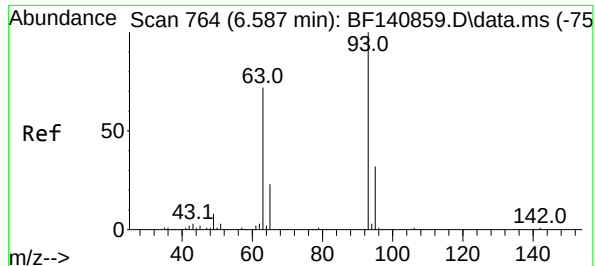
Ion Ratio Lower Upper

94 100

65 41.4 19.9 59.9

66 68.9 45.6 85.6

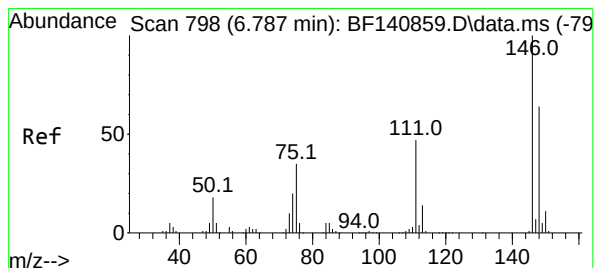
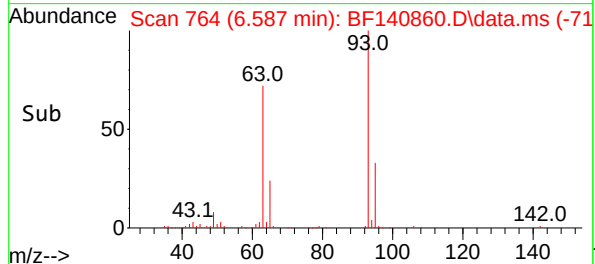
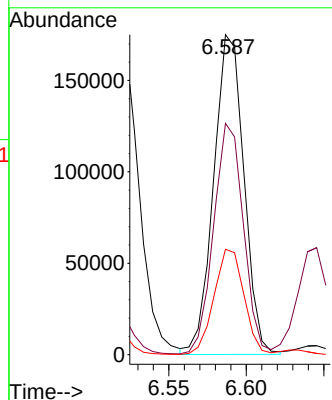
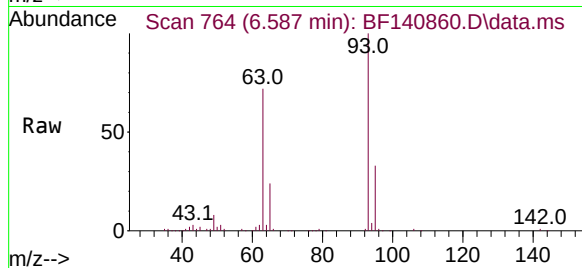




#11
bis(2-Chloroethyl)ether
Concen: 49.712 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

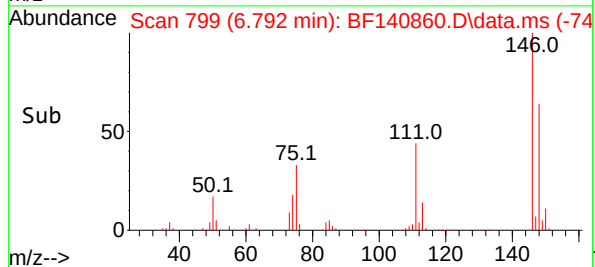
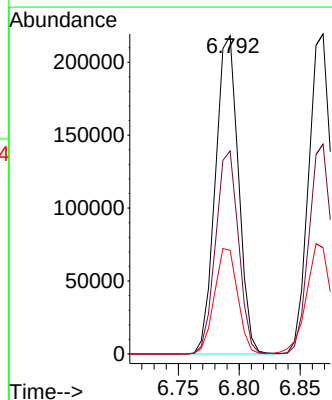
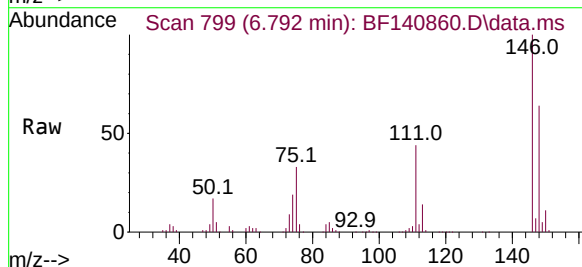
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

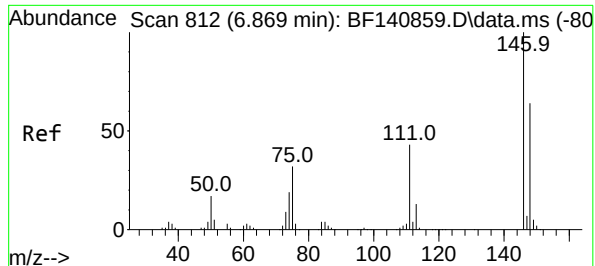
Tgt Ion: 93 Resp: 237699
Ion Ratio Lower Upper
93 100
63 72.3 51.0 91.0
95 32.9 12.0 52.0



#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# 812

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

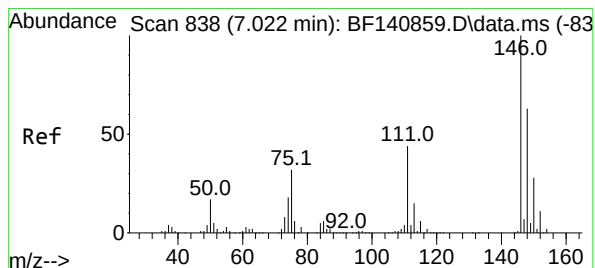
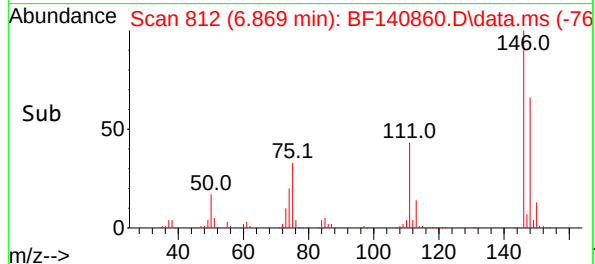
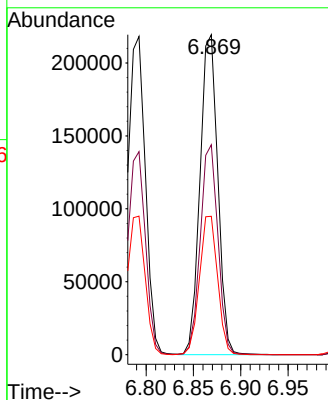
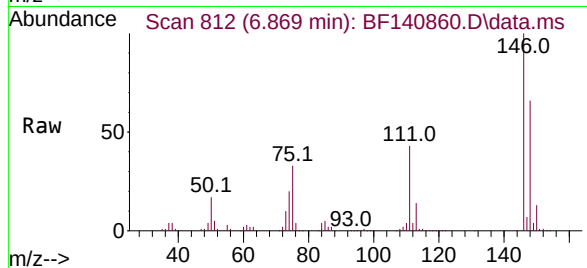
Tgt Ion:146 Resp: 287394

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

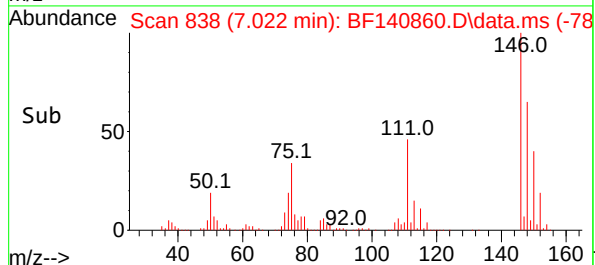
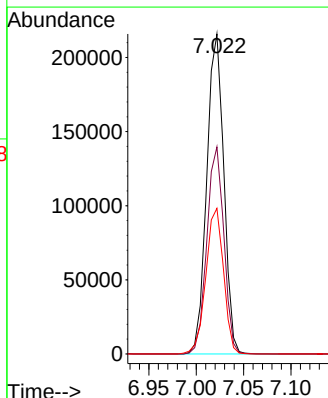
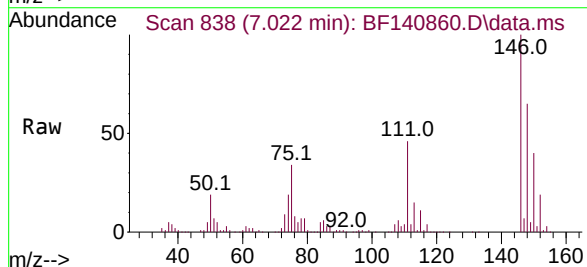
Tgt Ion:146 Resp: 269678

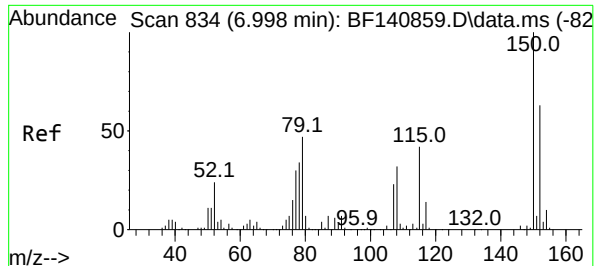
Ion Ratio Lower Upper

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# 81

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

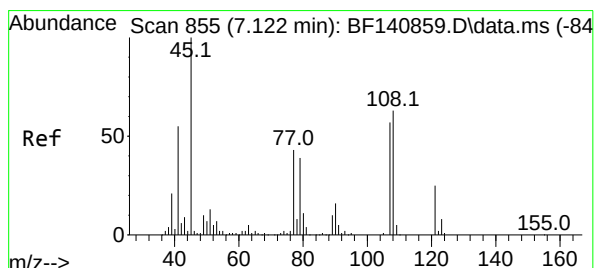
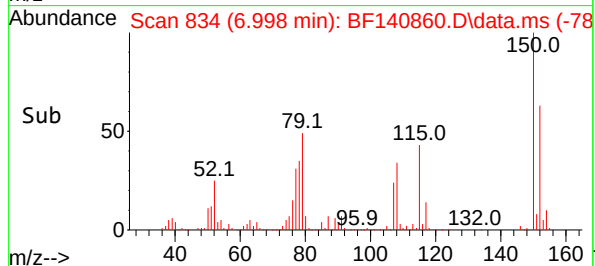
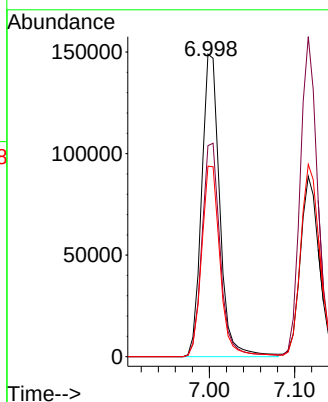
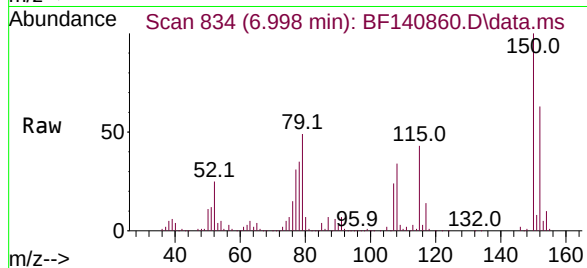
Tgt Ion: 79 Resp: 219795

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

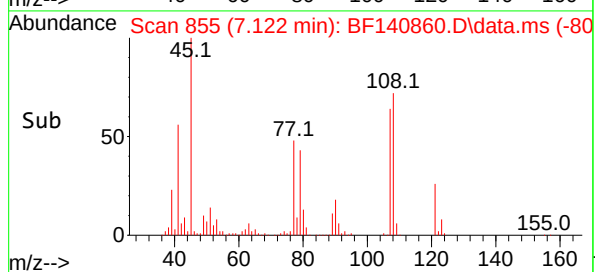
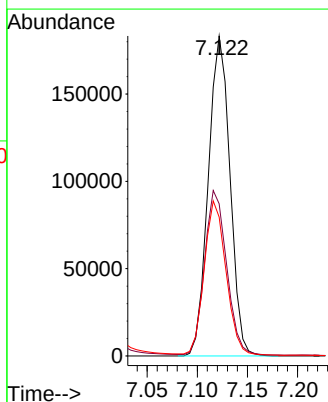
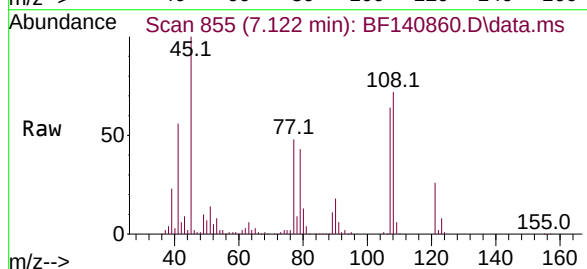
Tgt Ion: 45 Resp: 276410

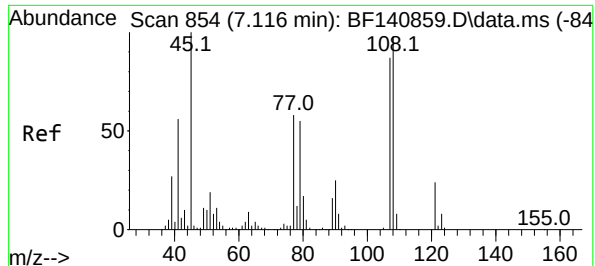
Ion Ratio Lower Upper

45 100

77 47.6 23.3 63.3

79 43.4 20.0 60.0

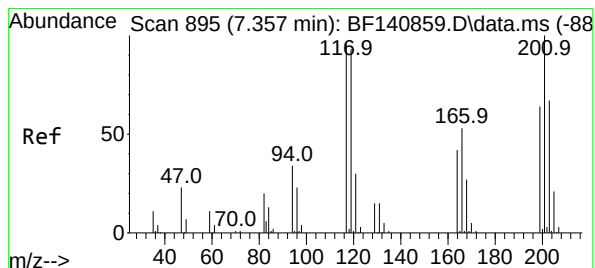
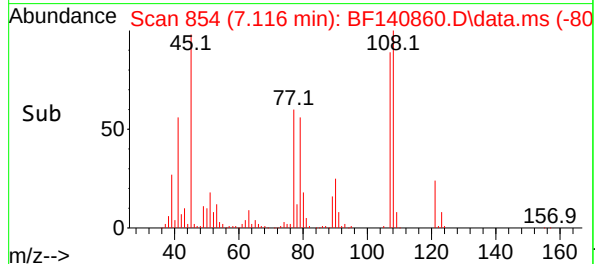
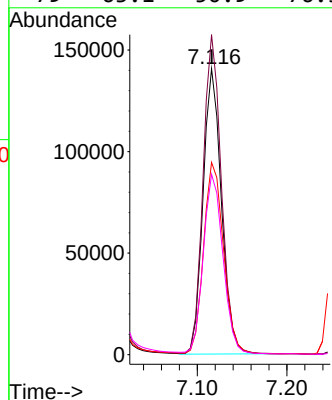
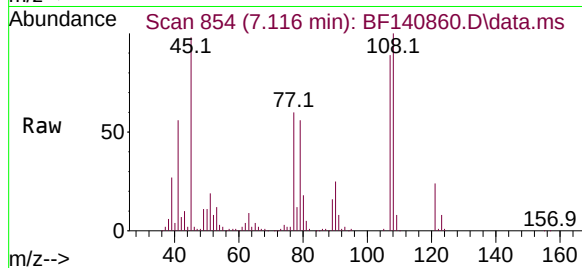




#17
2-Methylphenol
Concen: 49.127 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

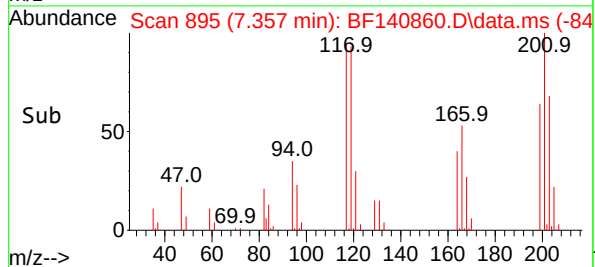
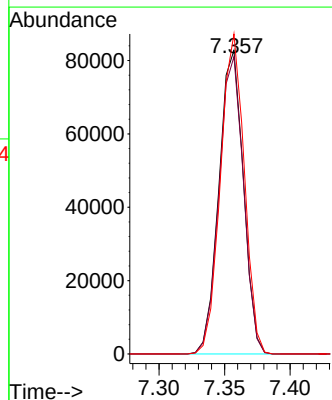
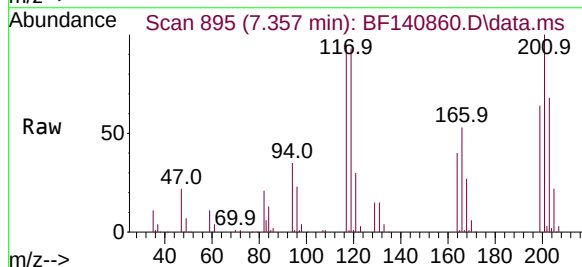
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

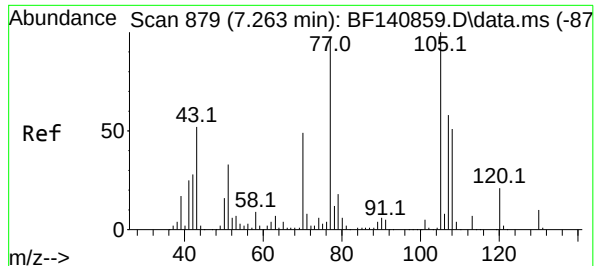
Tgt Ion:107 Resp: 199766
Ion Ratio Lower Upper
107 100
108 111.9 90.2 135.4
77 67.3 53.8 80.6
79 63.1 50.9 76.3



#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# 879

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

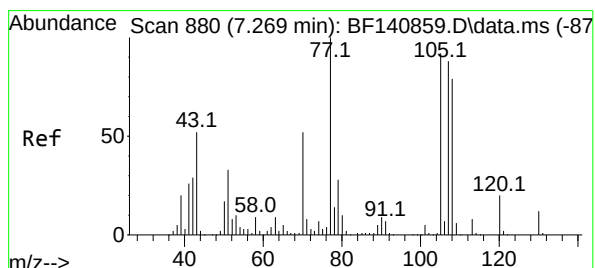
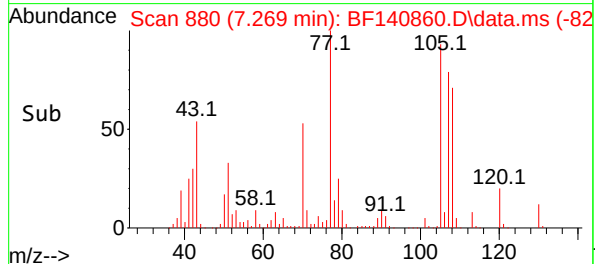
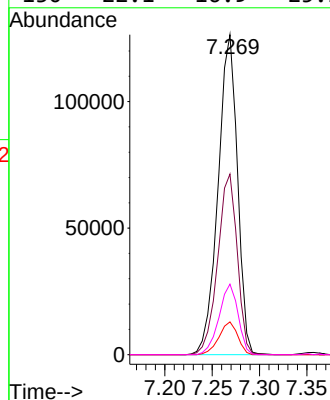
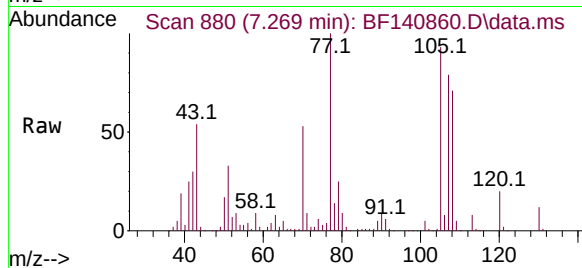
Ion Ratio Lower Upper

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

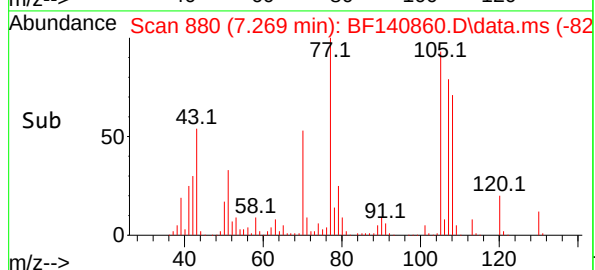
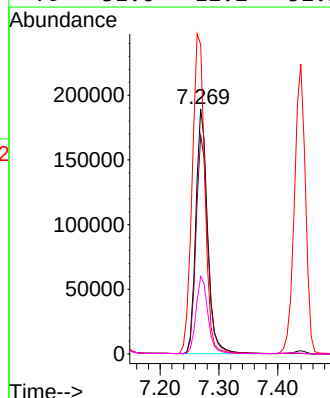
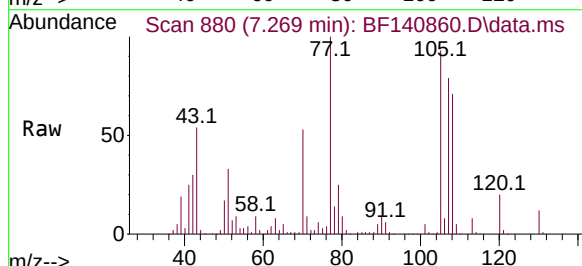
Ion Ratio Lower Upper

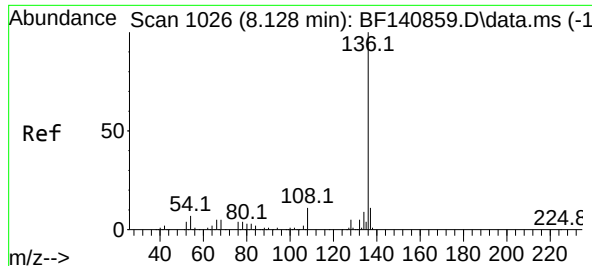
107 100

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

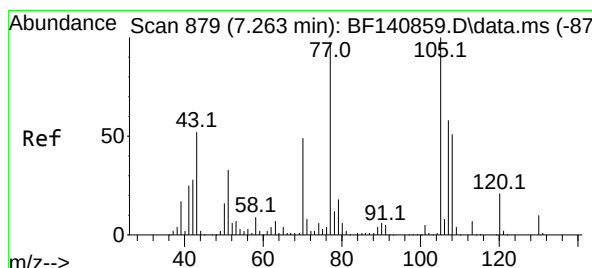
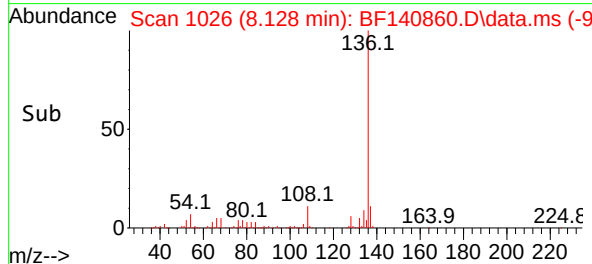
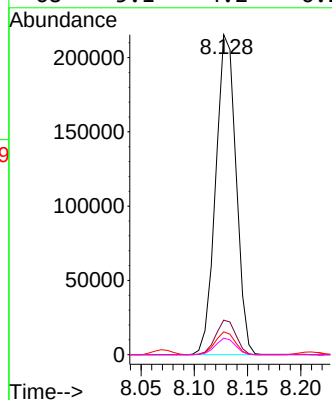
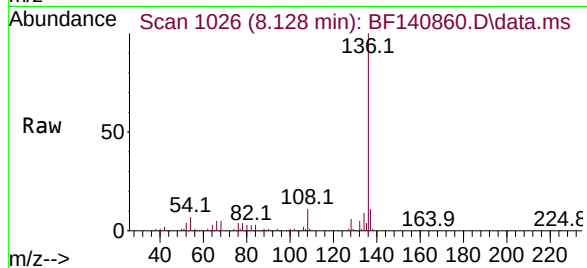
Ion Ratio Lower Upper

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

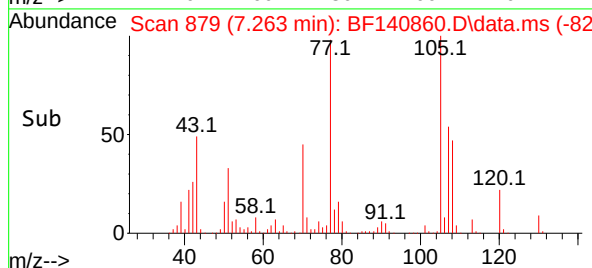
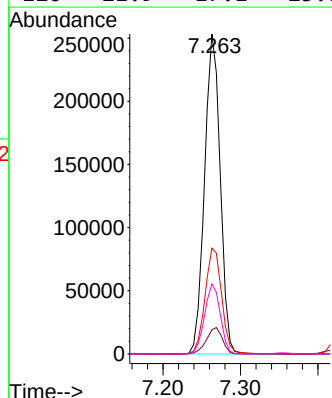
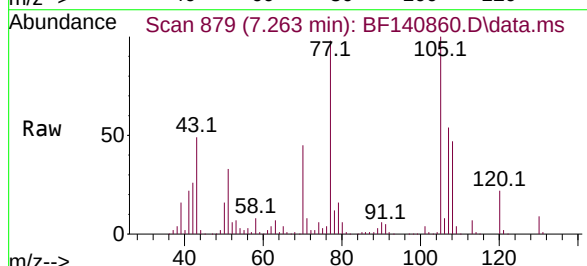
Ion Ratio Lower Upper

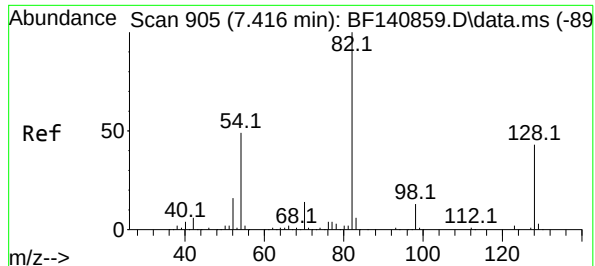
105 100

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# 906

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

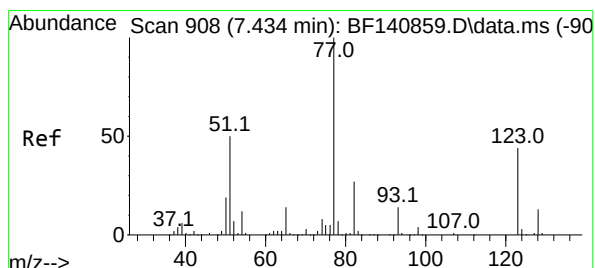
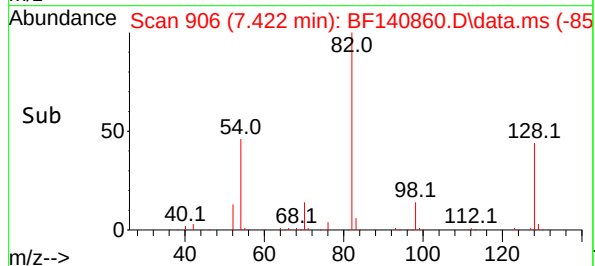
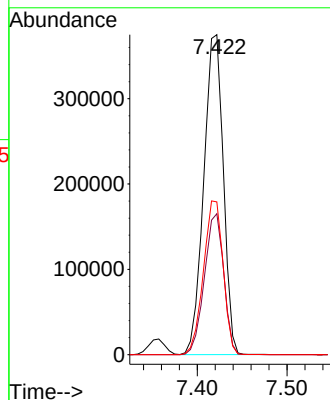
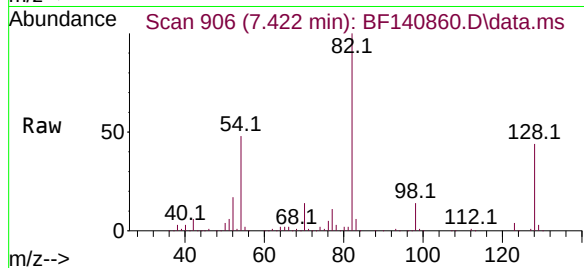
Tgt Ion: 82 Resp: 568078

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

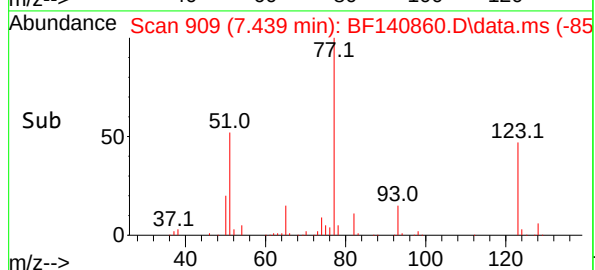
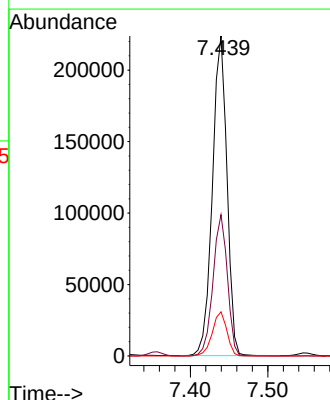
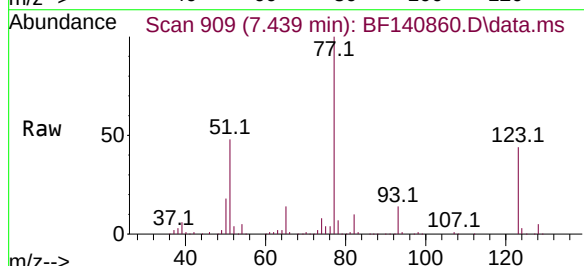
Tgt Ion: 77 Resp: 291463

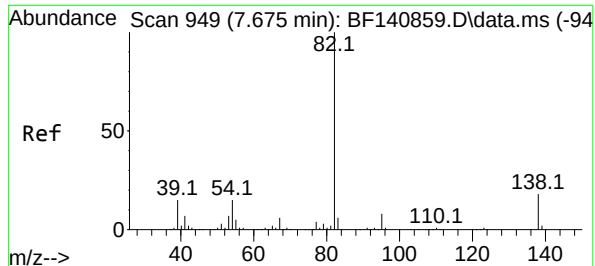
Ion Ratio Lower Upper

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# 949

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

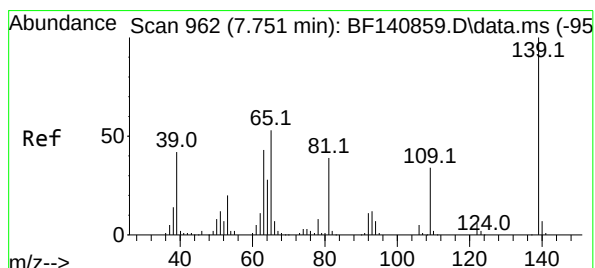
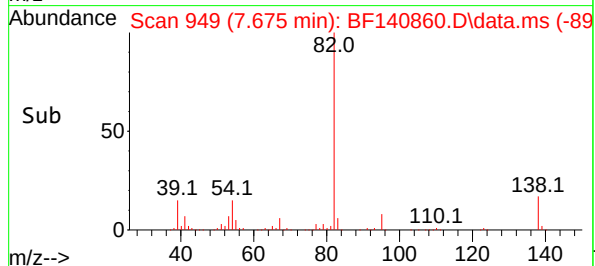
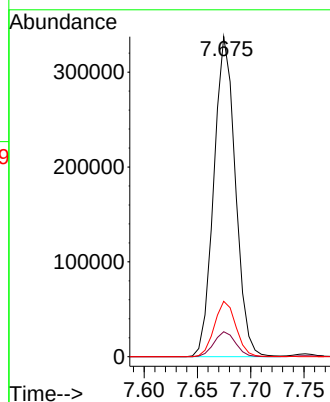
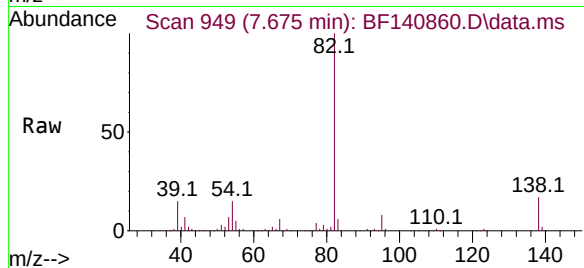
Tgt Ion: 82 Resp: 474812

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

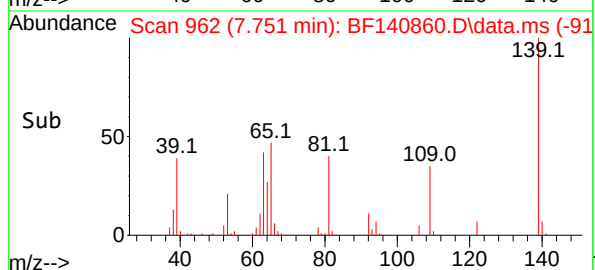
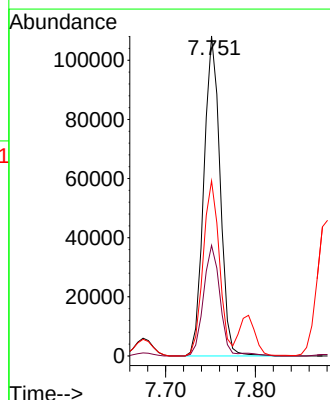
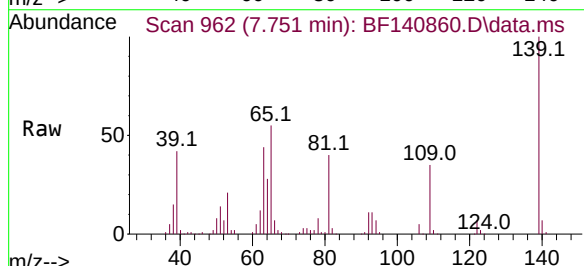
Tgt Ion:139 Resp: 136187

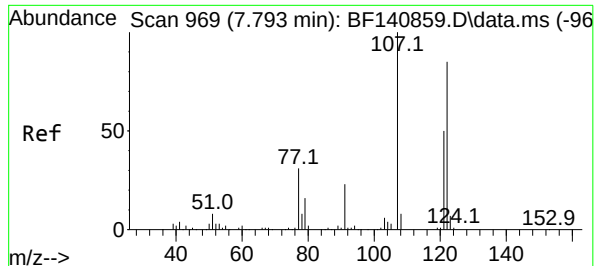
Ion Ratio Lower Upper

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# 91

Delta R.T. -0.000 min

Lab File: BF140860.D

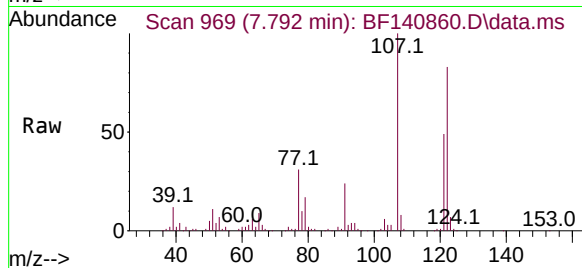
Acq: 16 Dec 2024 15:23

Instrument :

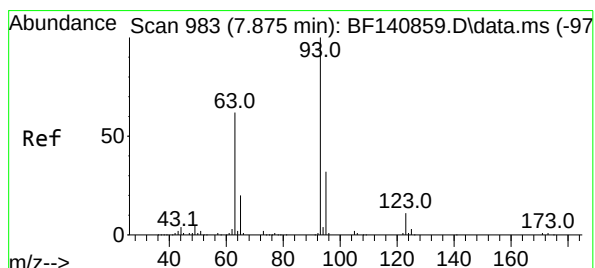
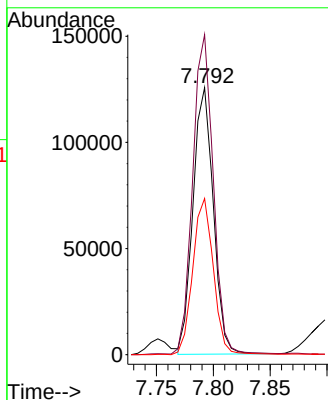
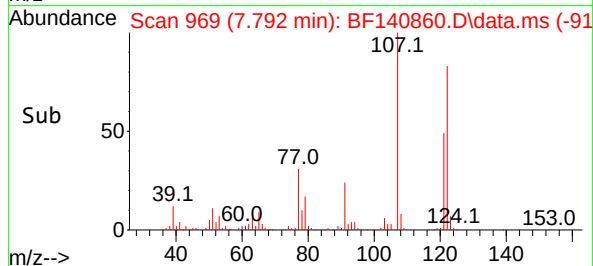
BNA_F

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

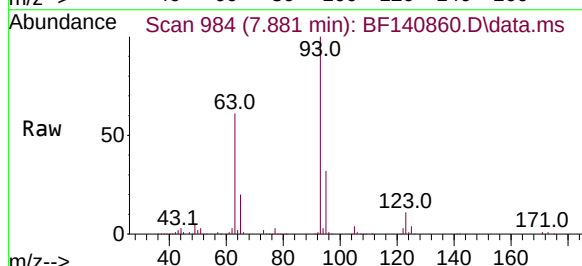
Concen: 50.002 ng

RT: 7.881 min Scan# 984

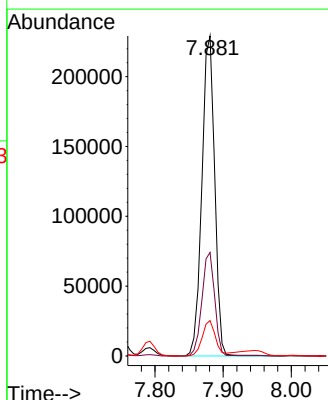
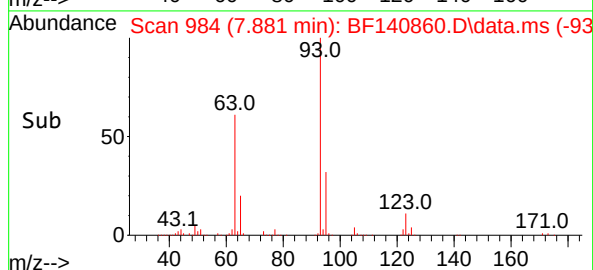
Delta R.T. 0.006 min

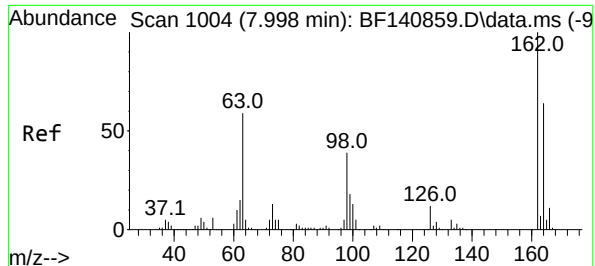
Lab File: BF140860.D

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# 1004

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

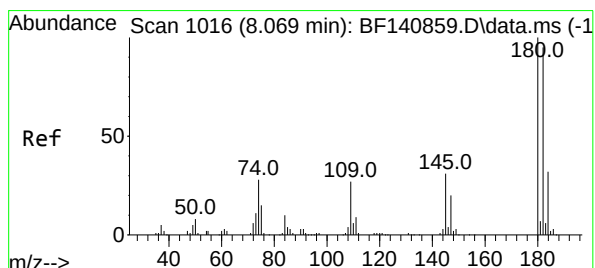
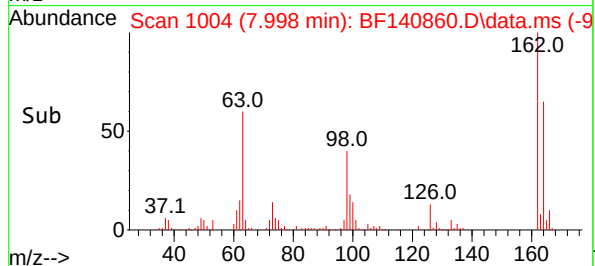
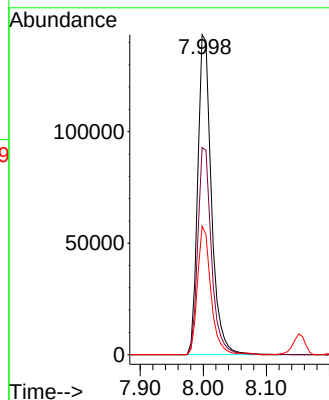
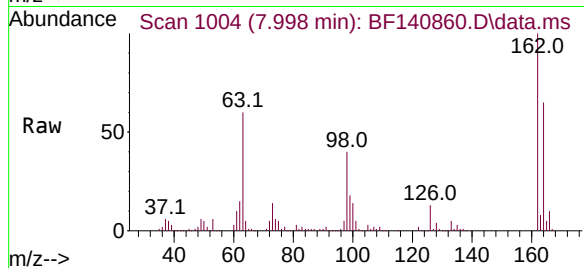
Tgt Ion:162 Resp: 215069

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

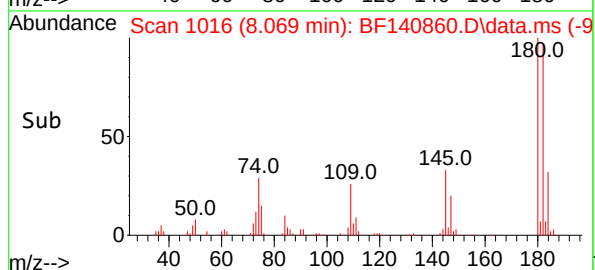
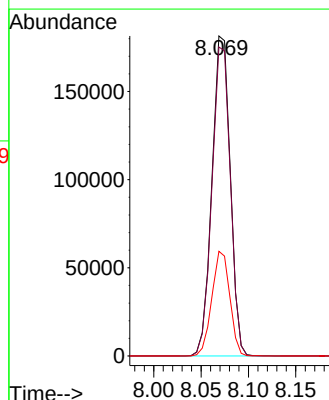
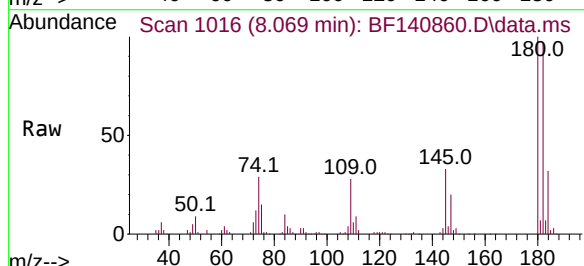
Tgt Ion:180 Resp: 244191

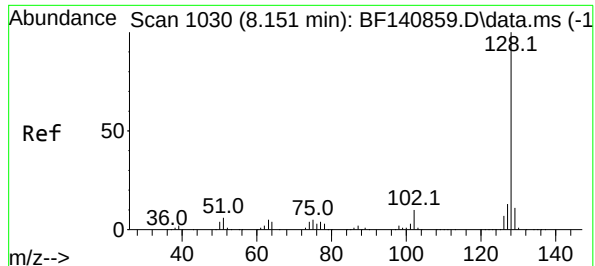
Ion Ratio Lower Upper

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# 1030

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

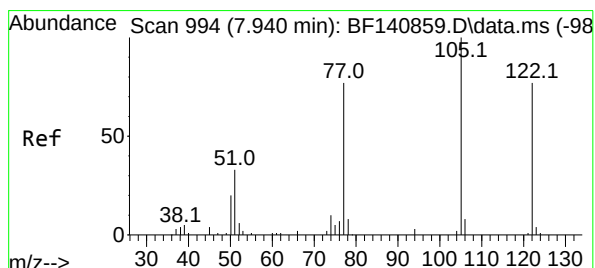
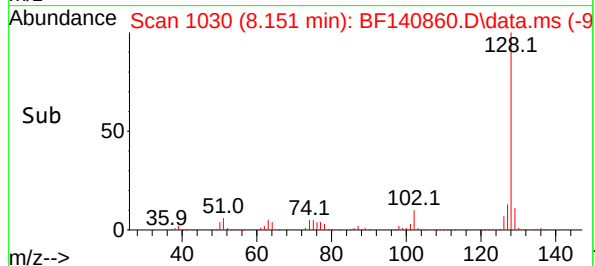
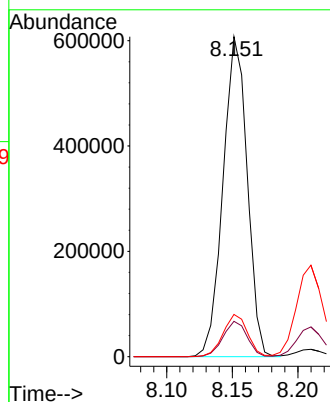
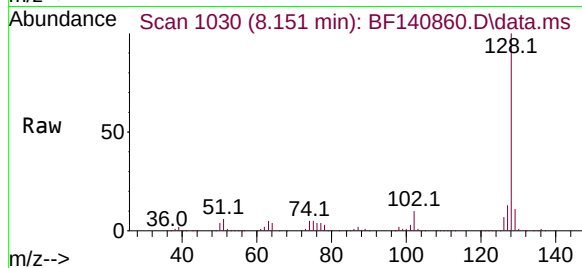
Tgt Ion:128 Resp: 779270

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

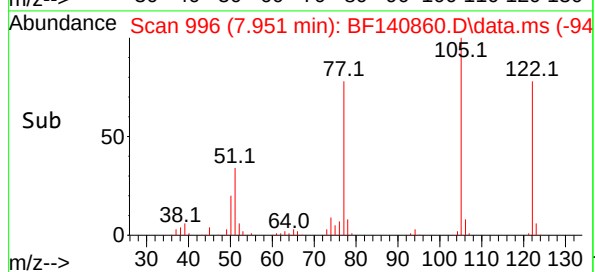
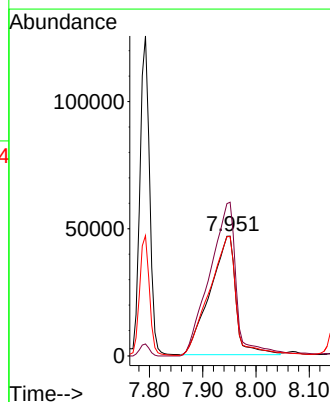
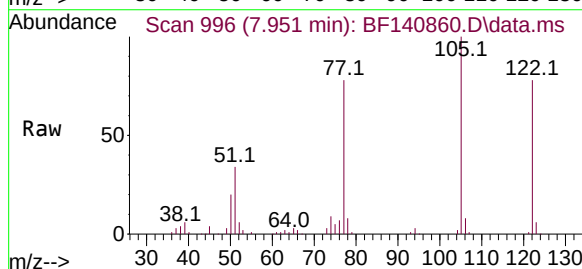
Tgt Ion:122 Resp: 157548

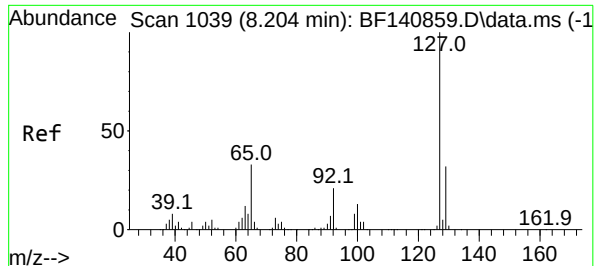
Ion Ratio Lower Upper

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# 1040

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

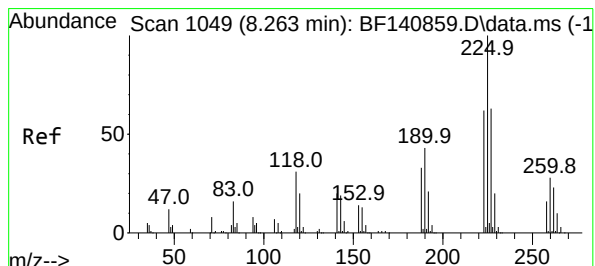
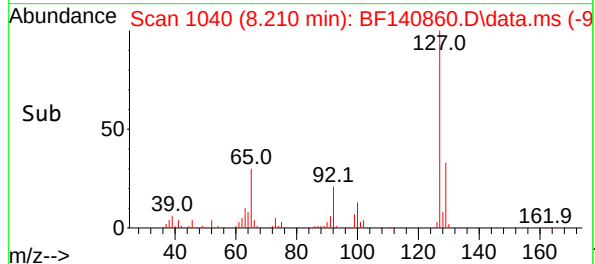
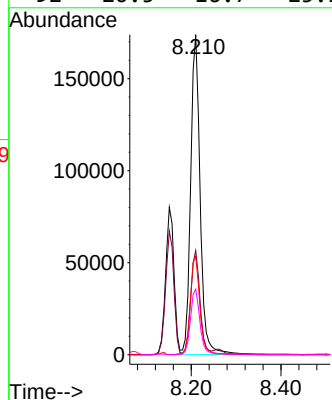
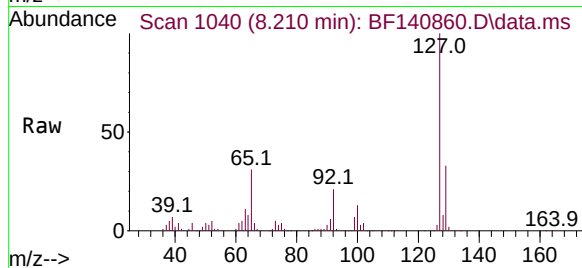
Ion Ratio Lower Upper

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

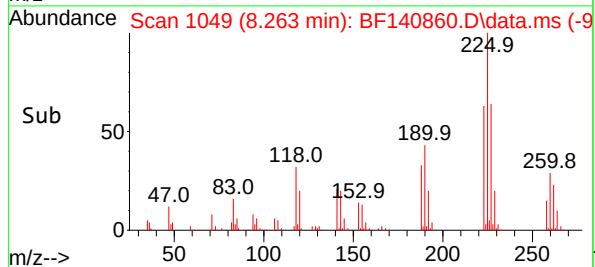
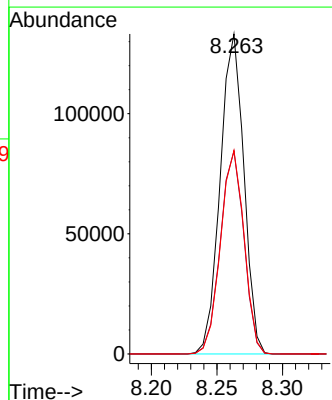
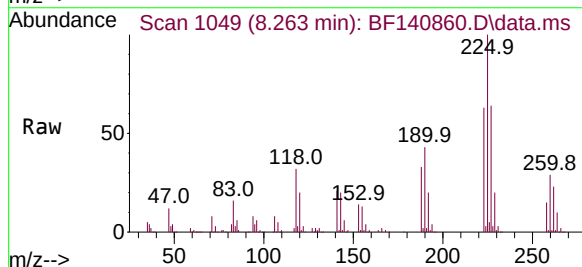
Tgt Ion:225 Resp: 166884

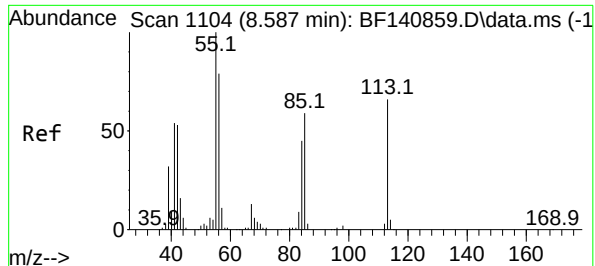
Ion Ratio Lower Upper

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# 1105

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

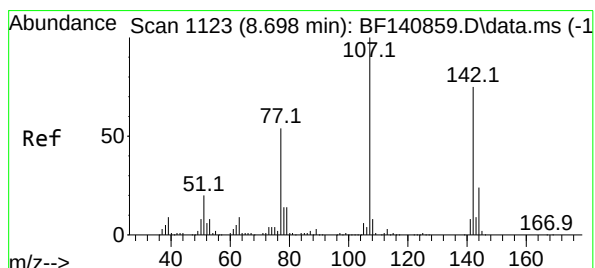
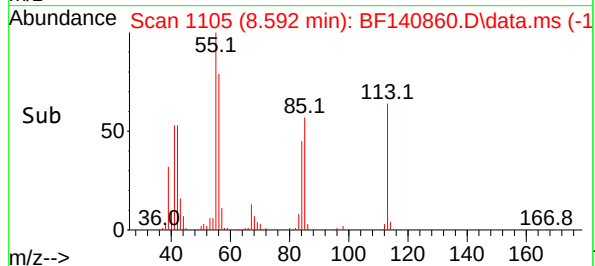
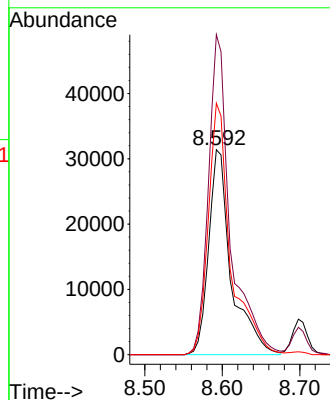
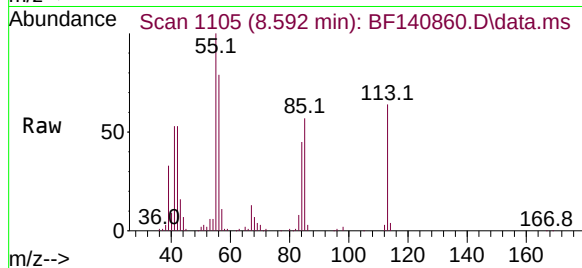
Tgt Ion:113 Resp: 63631

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

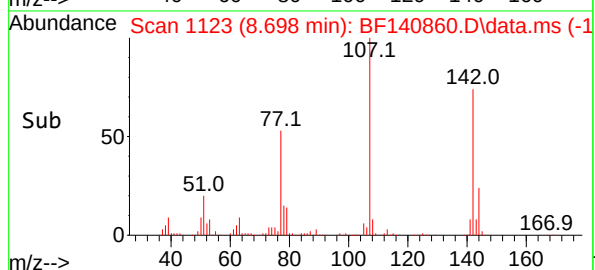
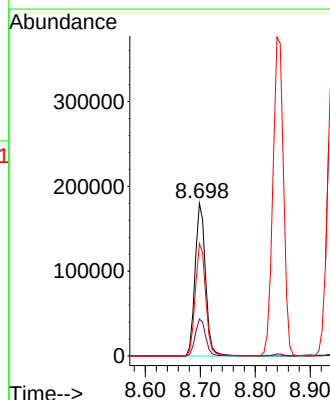
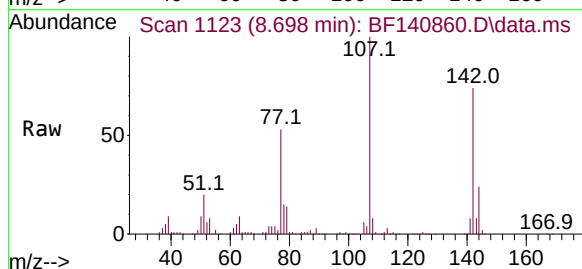
Tgt Ion:107 Resp: 237414

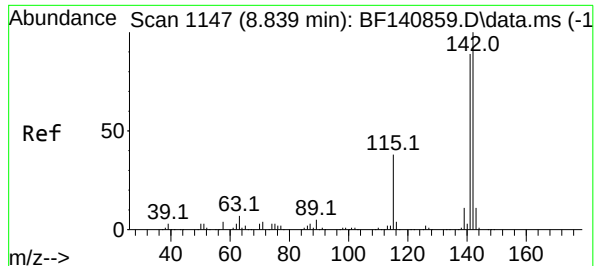
Ion Ratio Lower Upper

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# 1147

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

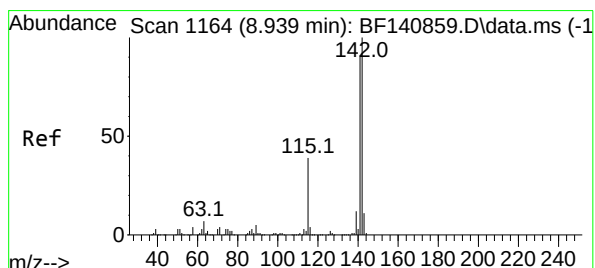
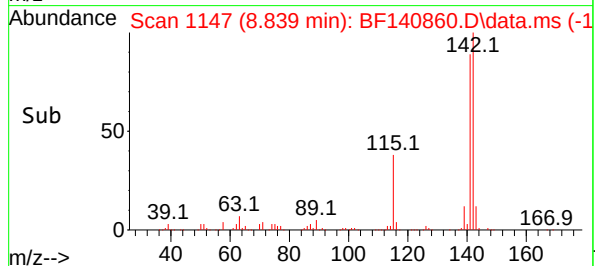
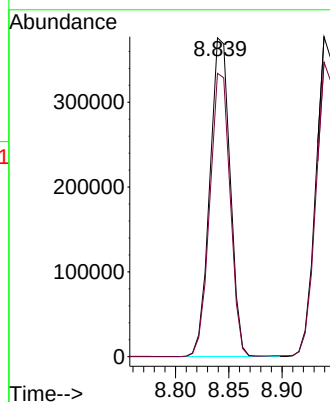
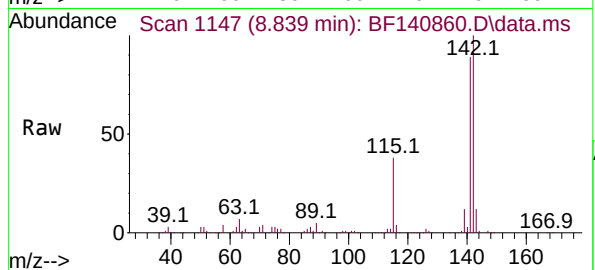
SSTDICC050

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

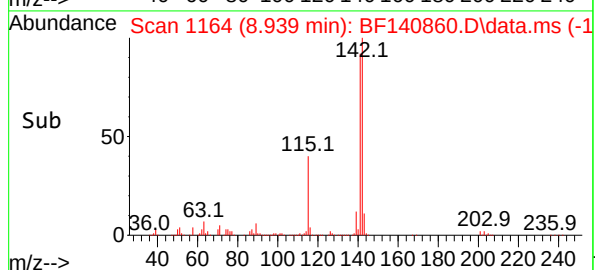
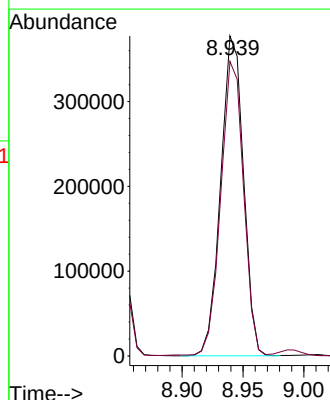
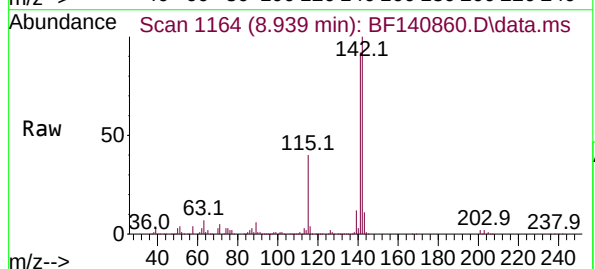
Acq: 16 Dec 2024 15:23

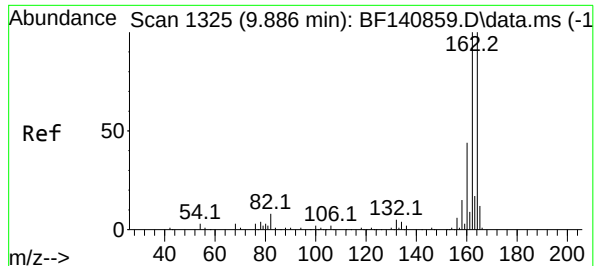
Tgt Ion:142 Resp: 490420

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# 1176

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

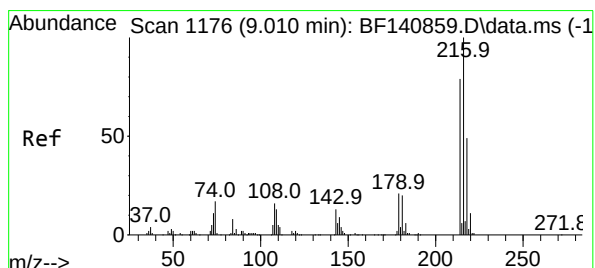
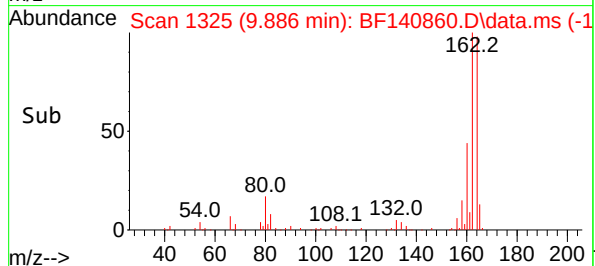
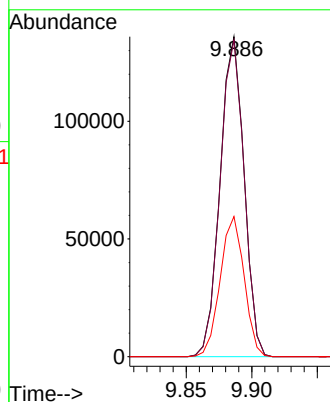
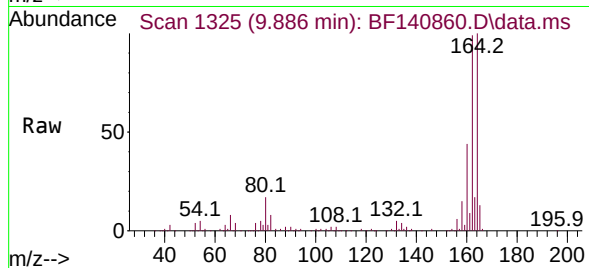
Tgt Ion:164 Resp: 172713

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

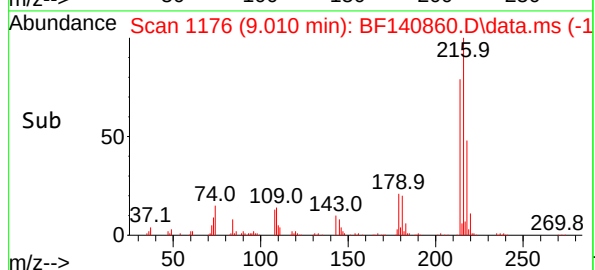
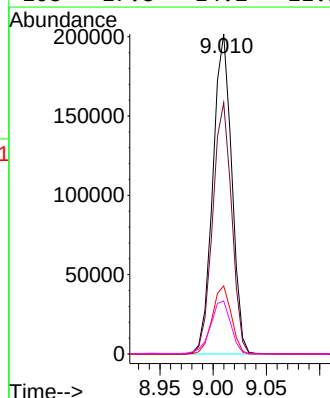
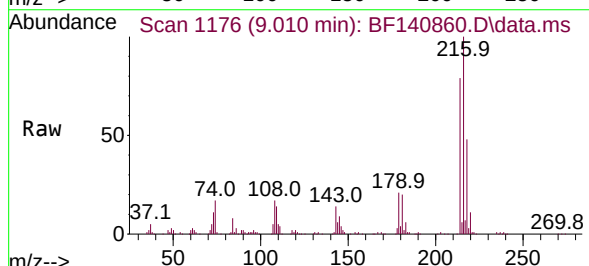
Ion Ratio Lower Upper

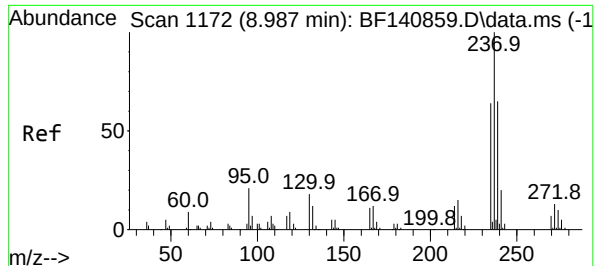
216 100

214 78.7 63.6 95.4

179 21.4 17.0 25.4

108 17.8 14.2 21.2

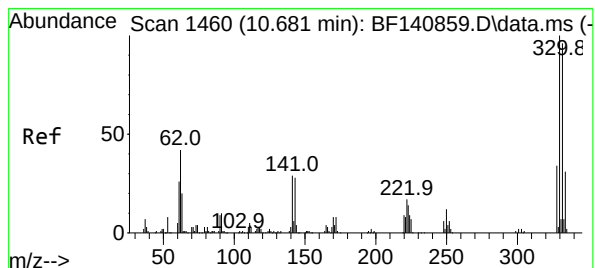
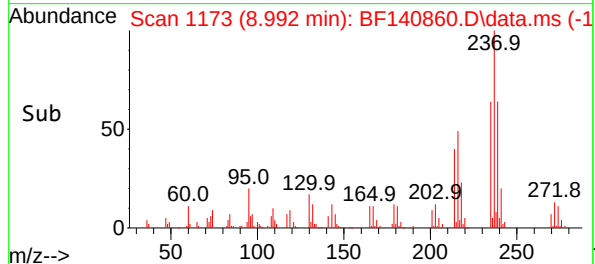
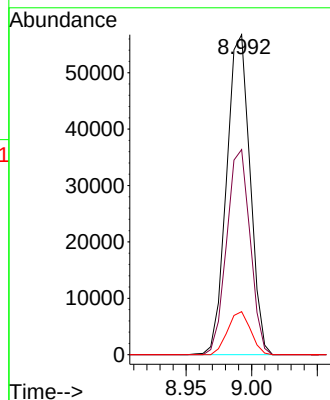
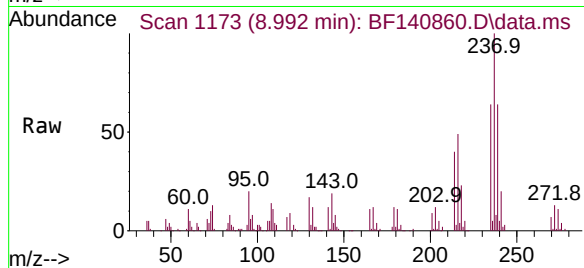




#41
Hexachlorocyclopentadiene
Concen: 50.029 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

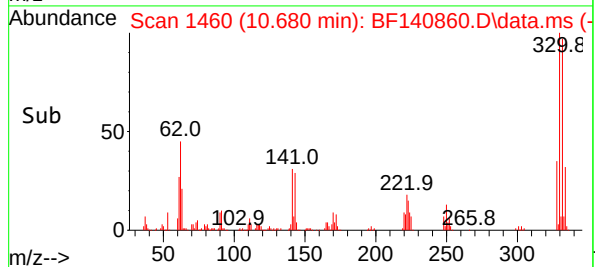
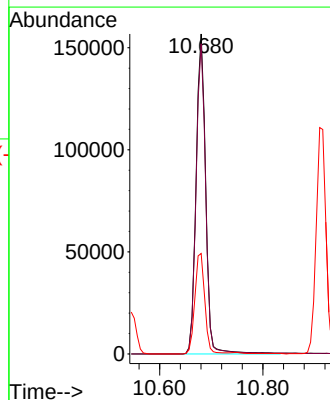
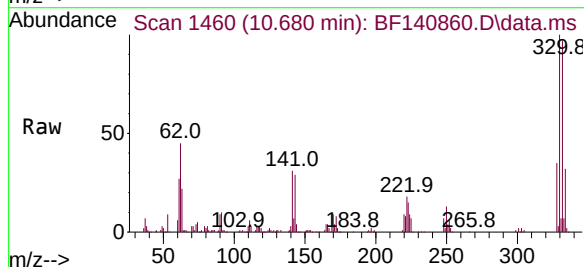
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

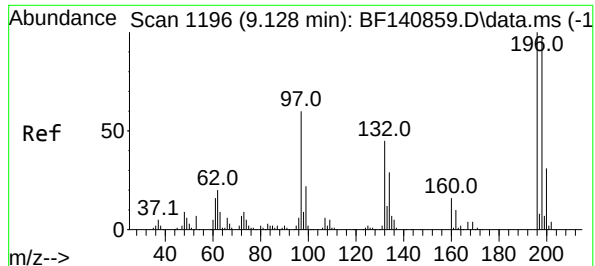
Tgt Ion:237 Resp: 70543
Ion Ratio Lower Upper
237 100
235 64.1 43.7 83.7
272 13.5 0.0 32.9



#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# 1196

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

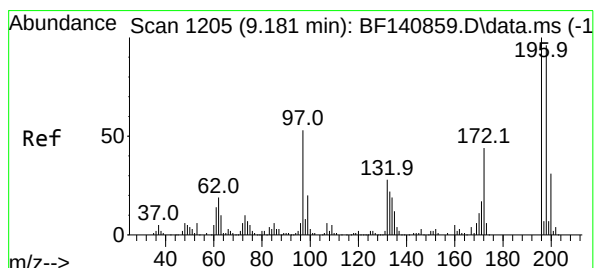
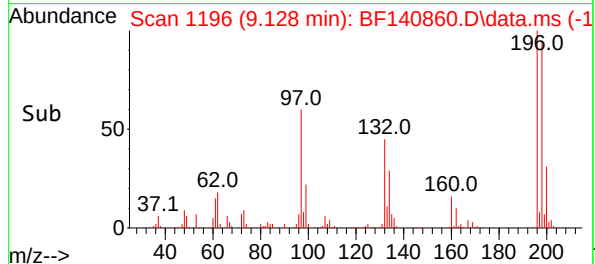
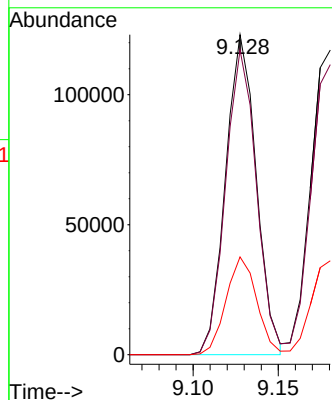
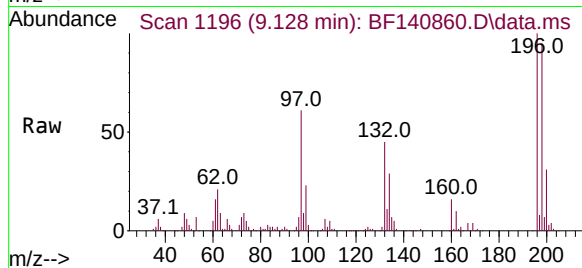
Tgt Ion:196 Resp: 154361

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

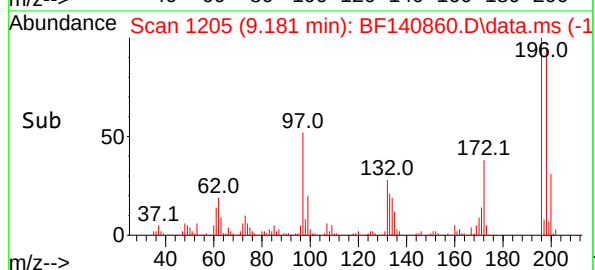
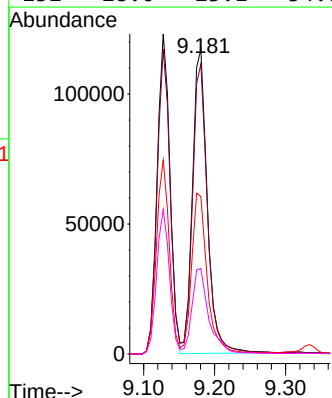
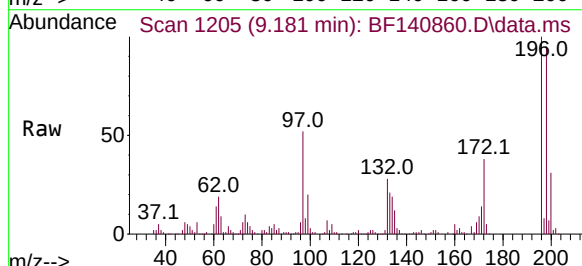
Ion Ratio Lower Upper

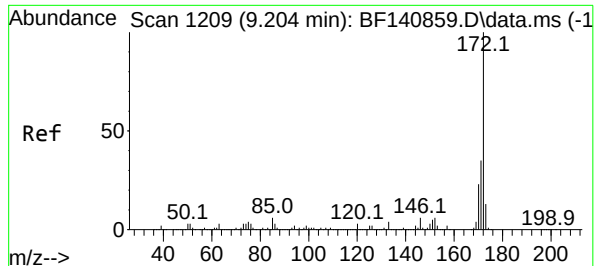
196 100

198 95.2 77.2 115.8

97 51.7 42.2 63.4

132 28.0 23.1 34.7

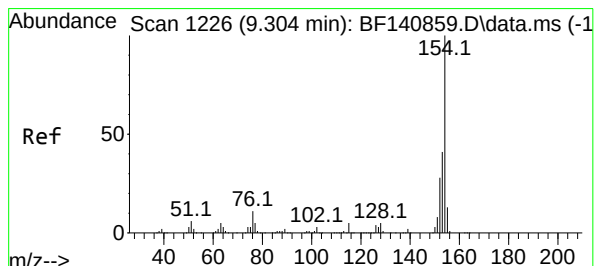
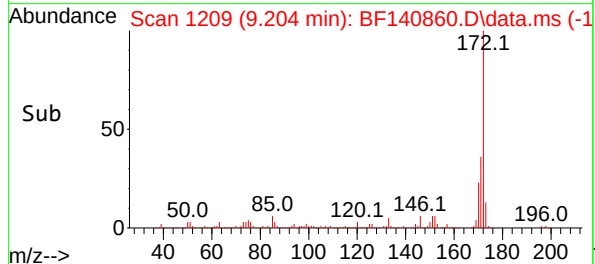
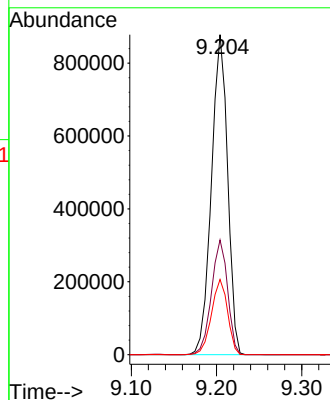
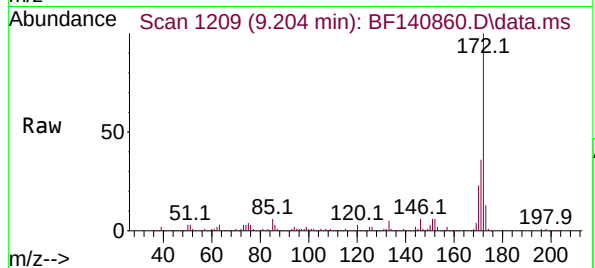




#45
2-Fluorobiphenyl
Concen: 92.444 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

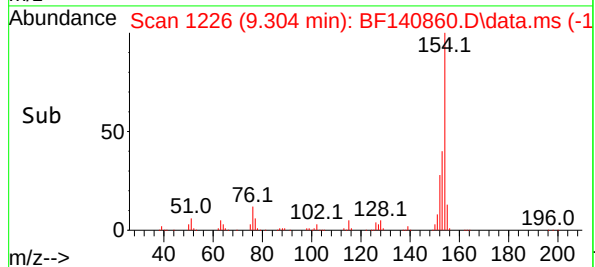
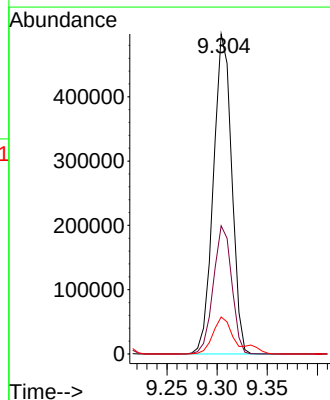
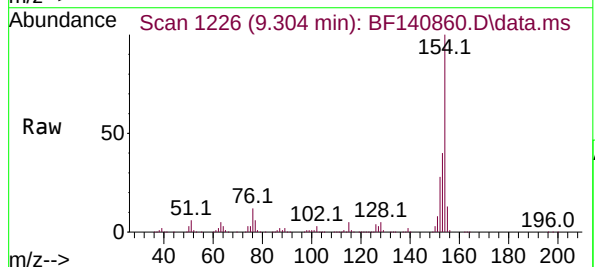
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

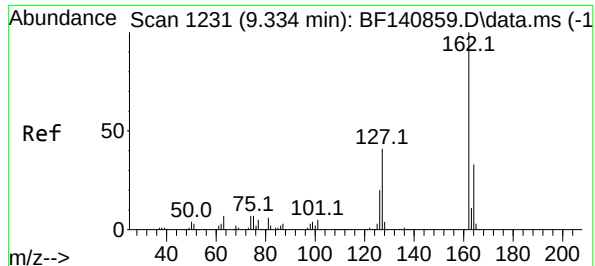
Tgt Ion:172 Resp: 1161315
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.5 18.6 28.0



#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# 11

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

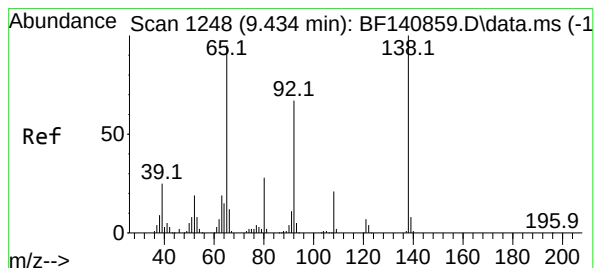
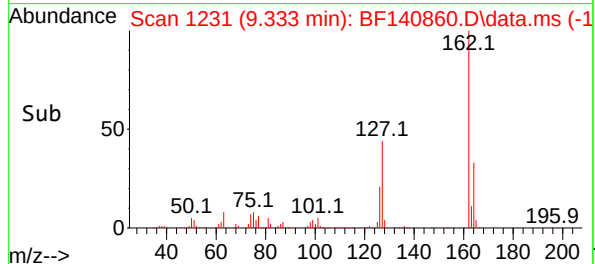
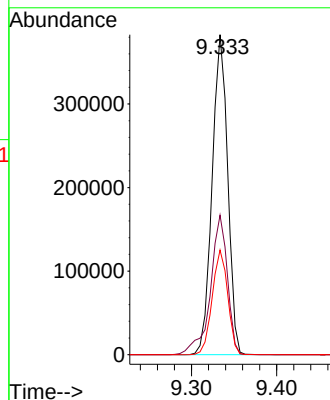
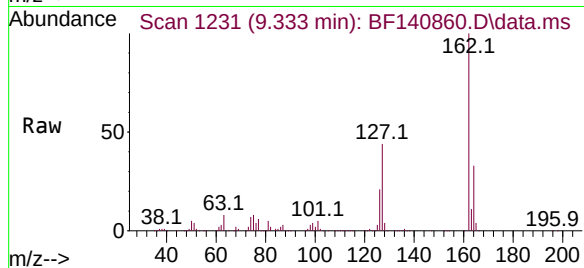
Tgt Ion:162 Resp: 485339

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

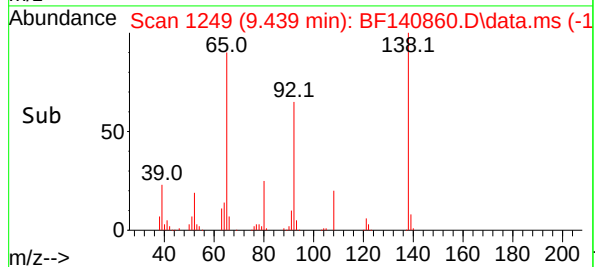
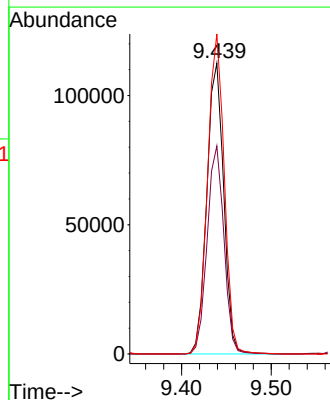
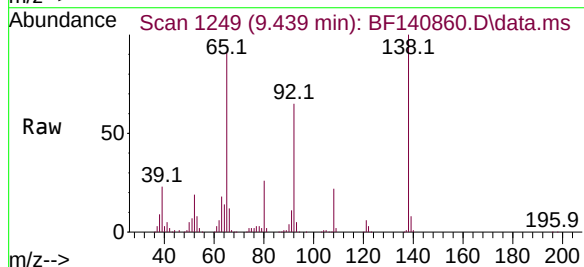
Tgt Ion: 65 Resp: 147104

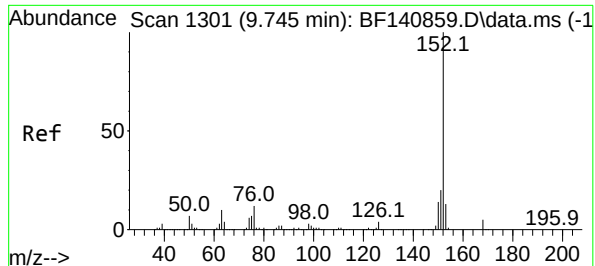
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

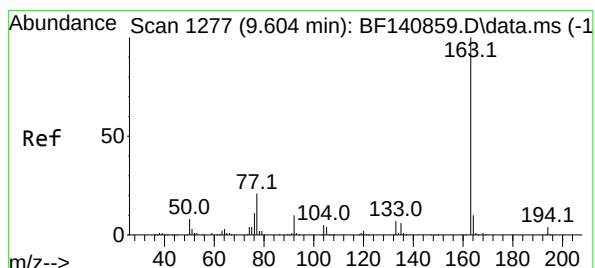
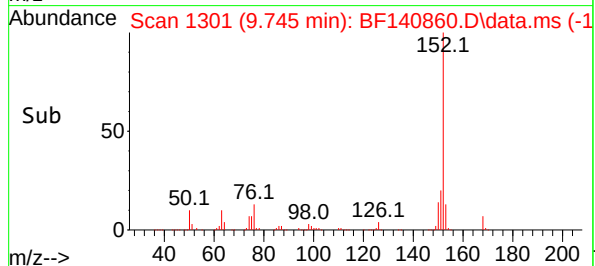
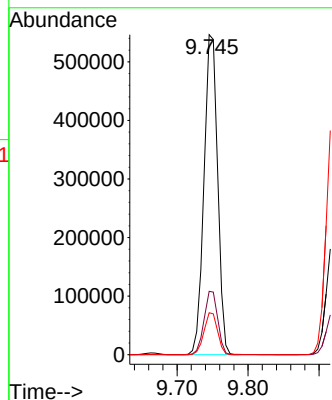
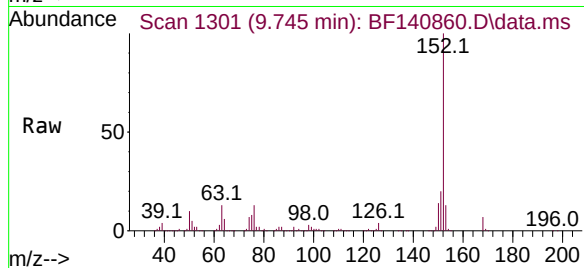
Tgt Ion:152 Resp: 732431

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

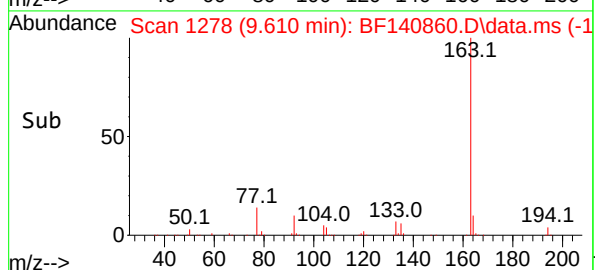
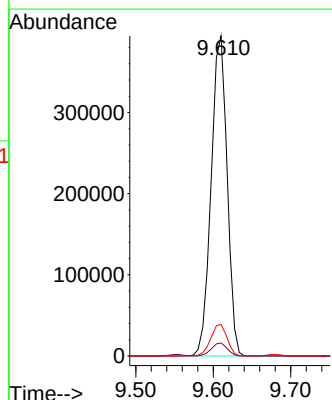
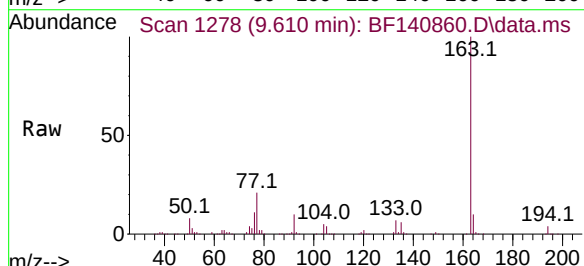
Tgt Ion:163 Resp: 564903

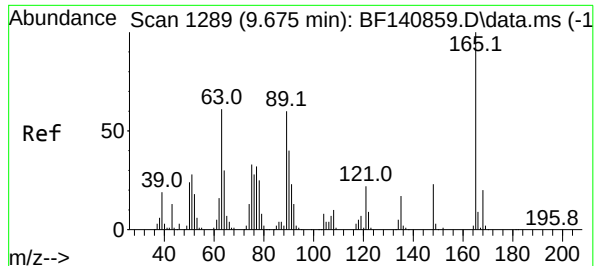
Ion Ratio Lower Upper

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

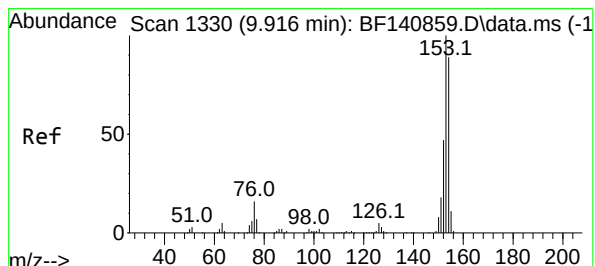
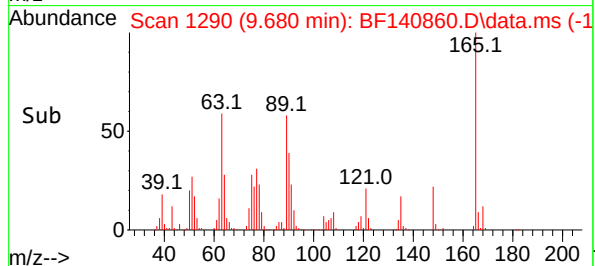
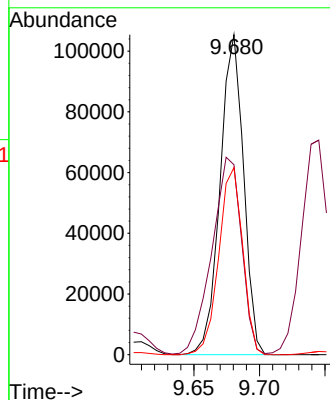
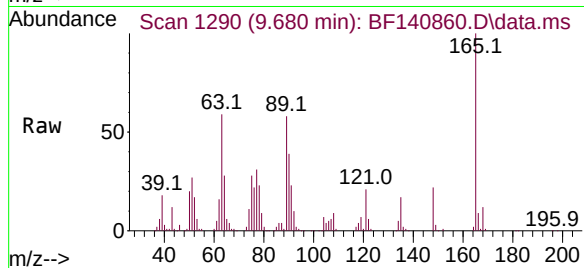
Tgt Ion:165 Resp: 130941

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

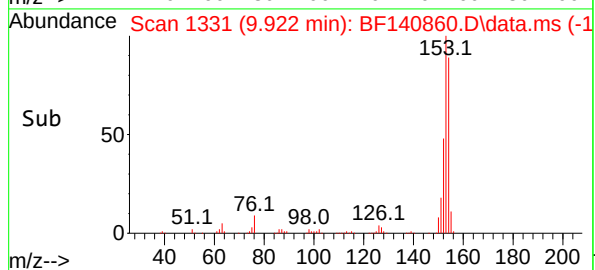
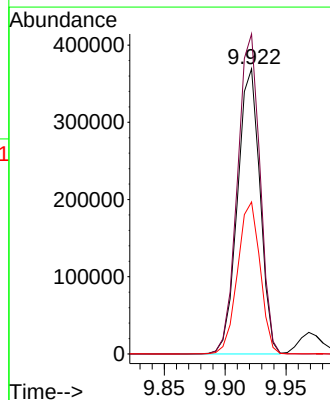
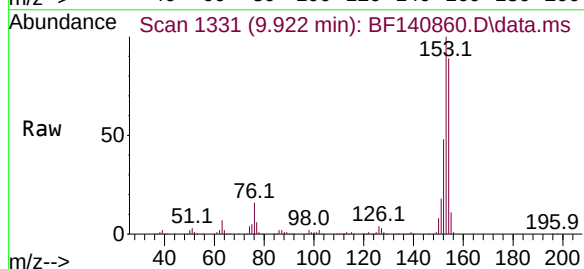
Tgt Ion:154 Resp: 475150

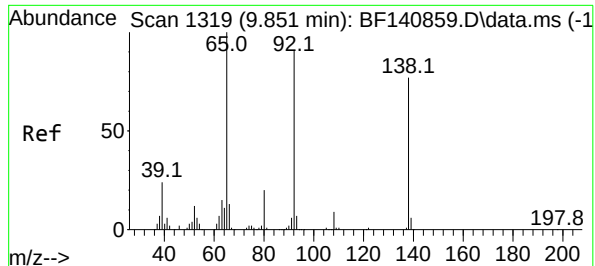
Ion Ratio Lower Upper

154 100

153 112.2 89.9 134.9

152 53.3 42.6 63.8

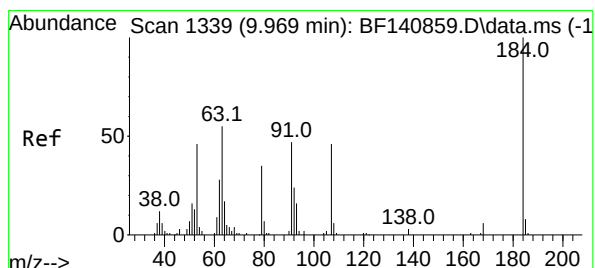
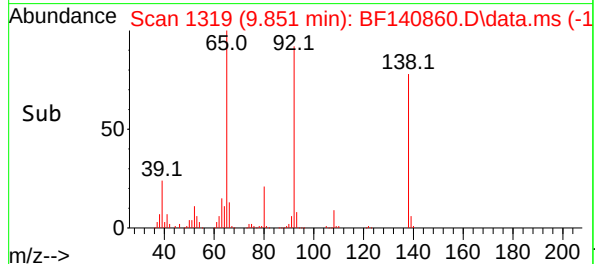
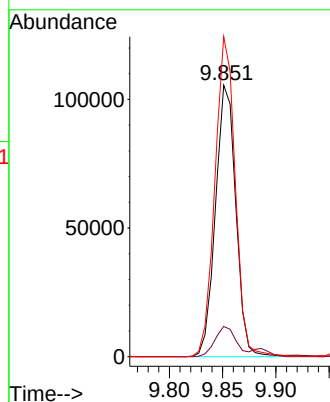
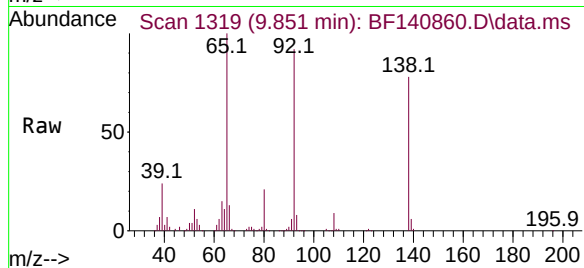




#53
3-Nitroaniline
Concen: 50.732 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

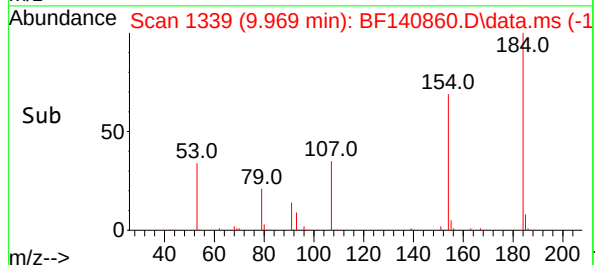
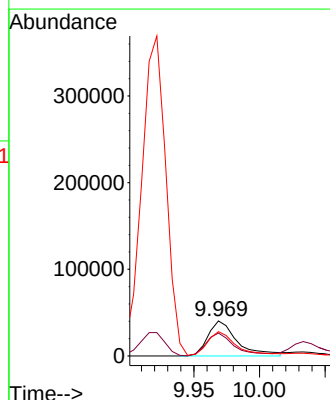
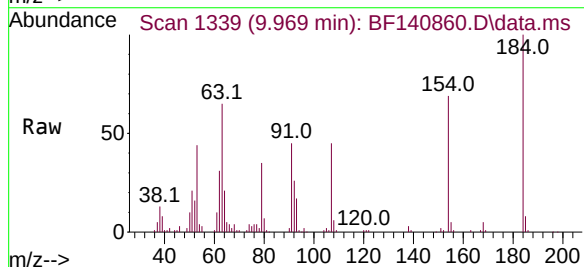
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

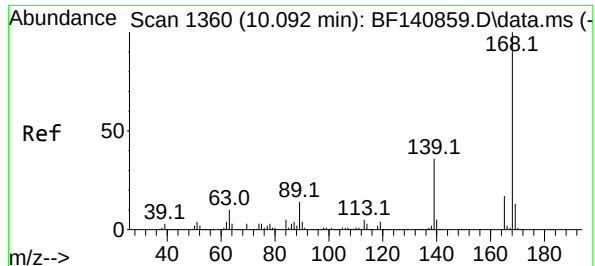
Tgt Ion:138 Resp: 140148
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 117.8 95.5 143.3



#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

Dibenzenofuran

Concen: 48.174 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

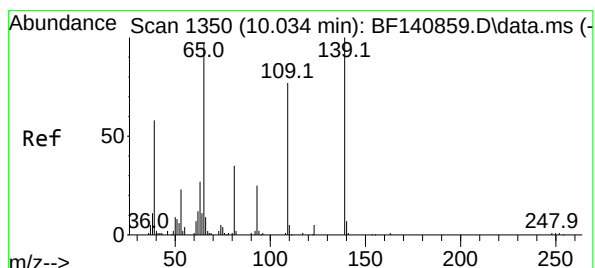
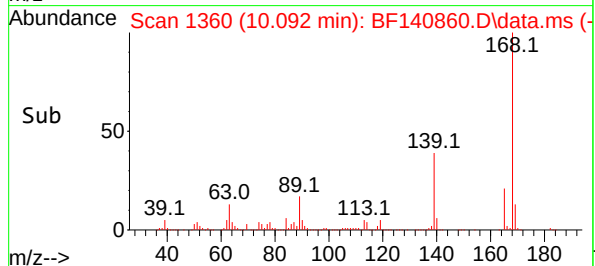
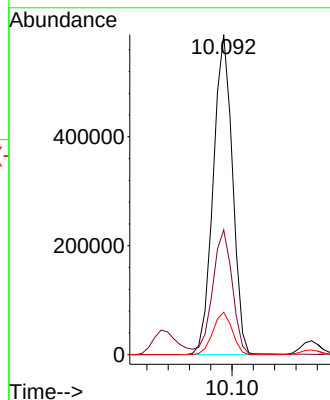
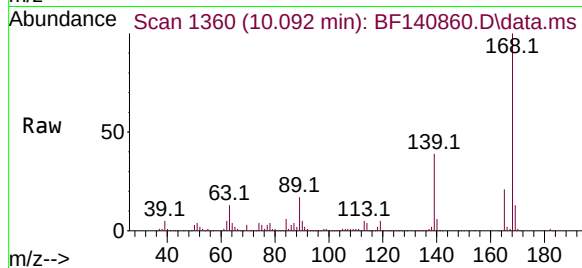
Tgt Ion:168 Resp: 736252

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

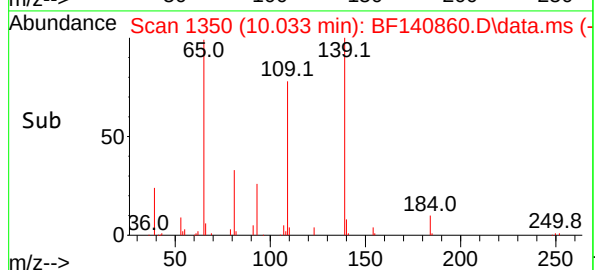
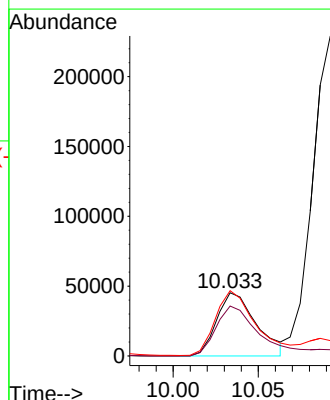
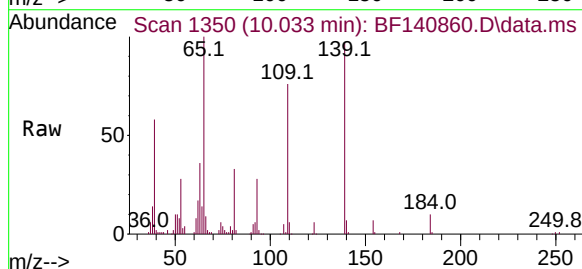
Tgt Ion:139 Resp: 72965

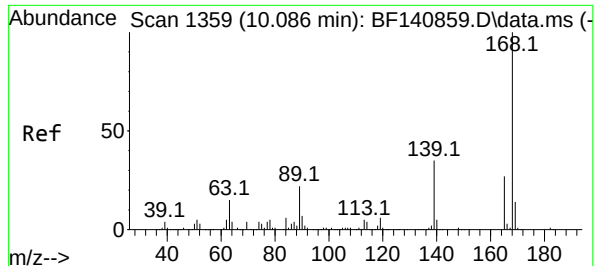
Ion Ratio Lower Upper

139 100

109 78.9 56.7 96.7

65 103.3 78.1 118.1

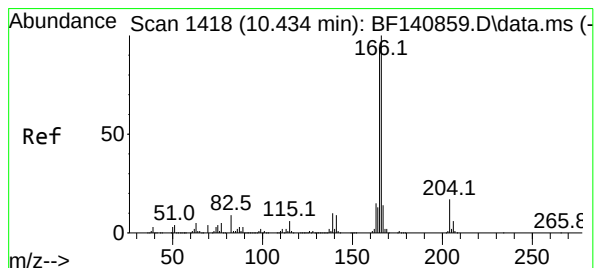
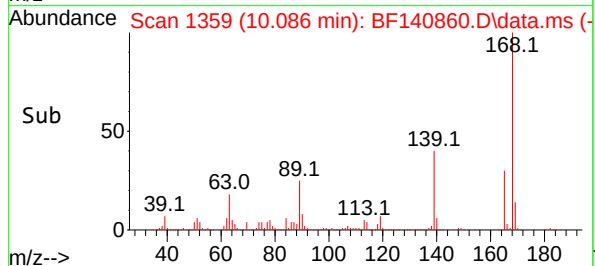
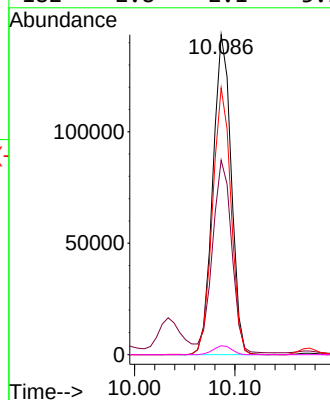
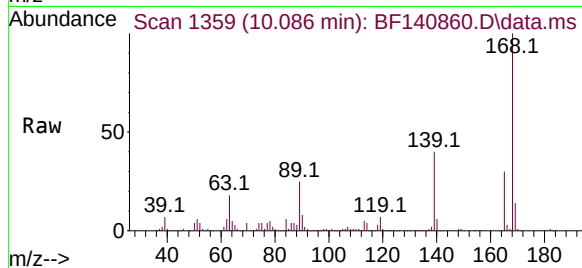




#57
2,4-Dinitrotoluene
Concen: 49.679 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

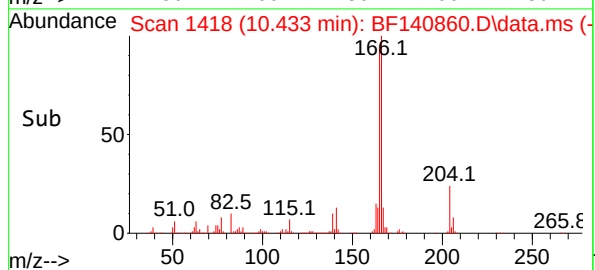
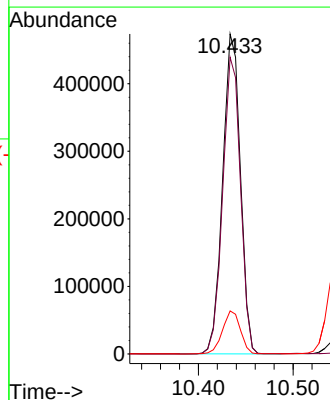
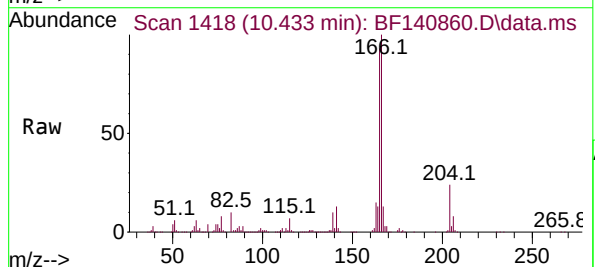
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

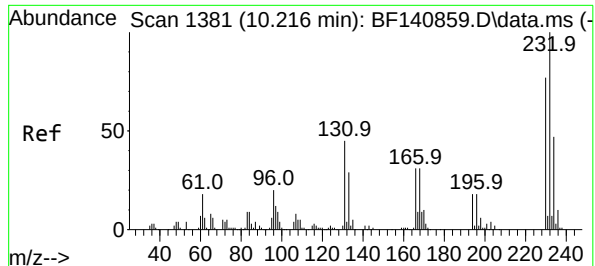
Tgt Ion:165 Resp: 181952
Ion Ratio Lower Upper
165 100
63 60.8 49.3 73.9
89 83.4 66.2 99.4
182 2.8 2.1 3.1



#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

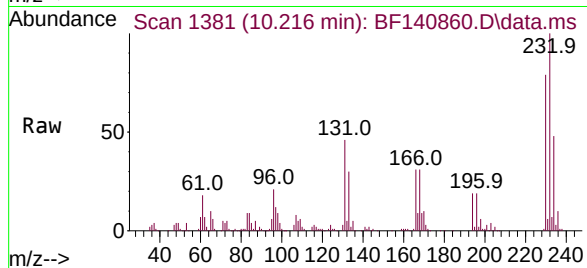
Tgt Ion:166 Resp: 617054
Ion Ratio Lower Upper
166 100
165 92.7 75.1 112.7
167 13.4 11.1 16.7



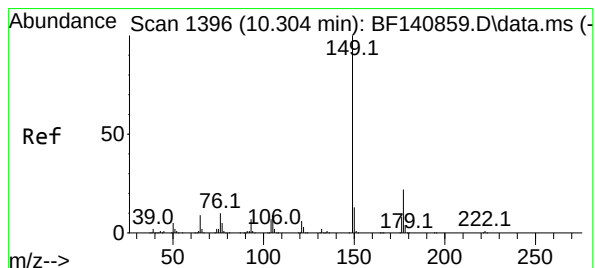
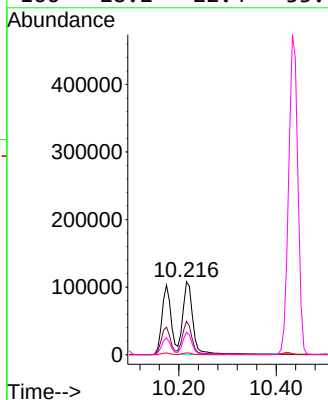
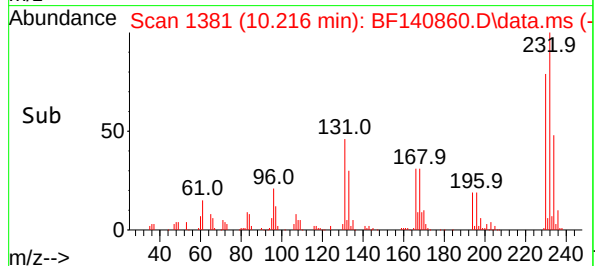


#59
2,3,4,6-Tetrachlorophenol
Concen: 52.784 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

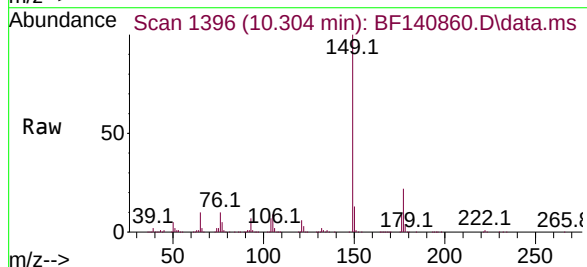
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



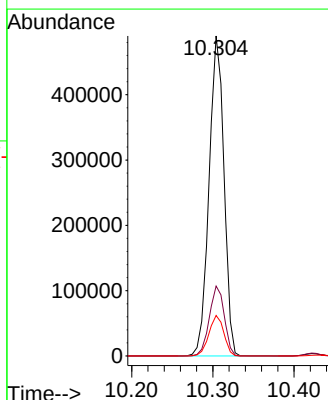
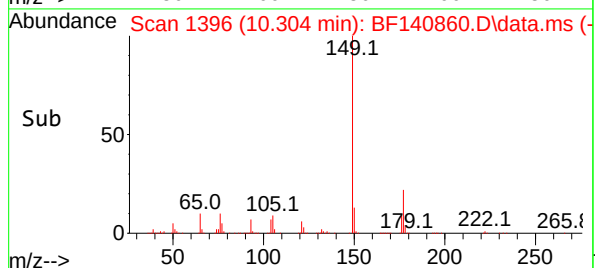
Tgt Ion:232 Resp: 153671
Ion Ratio Lower Upper
232 100
131 44.3 35.1 52.7
130 2.4 1.8 2.8
166 28.2 22.4 33.6

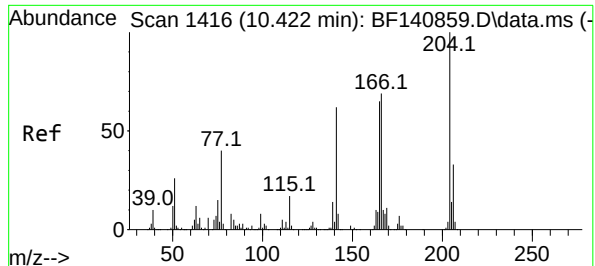


#60
Diethylphthalate
Concen: 49.463 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23



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

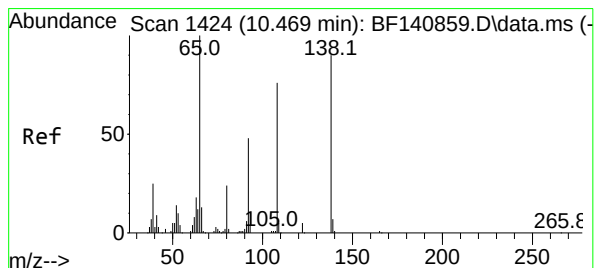
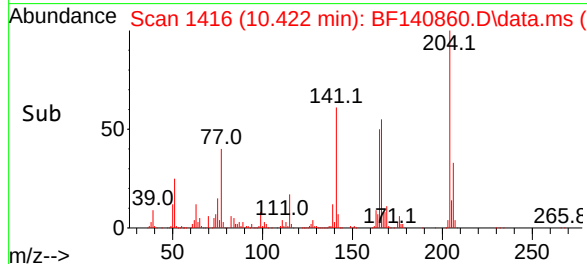
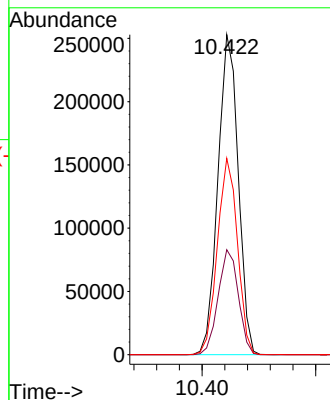
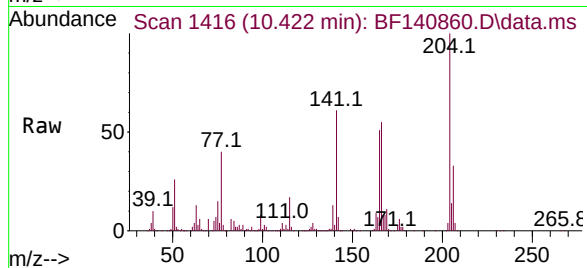




#61
4-Chlorophenyl-phenylether
Concen: 49.574 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

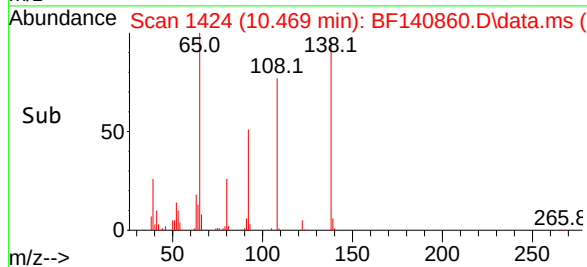
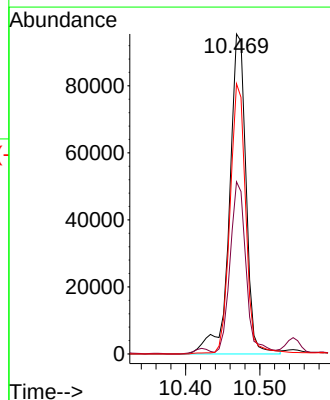
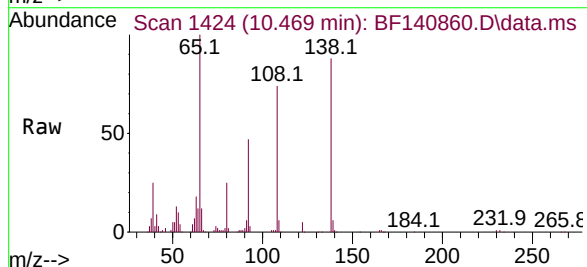
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

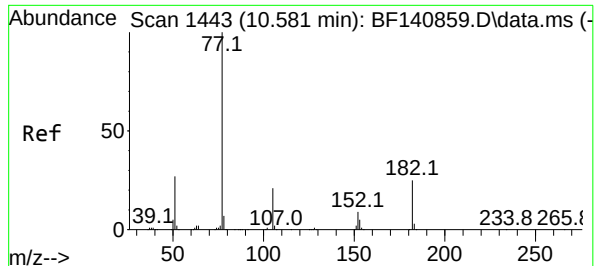
Tgt Ion:204 Resp: 313978
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 61.3 50.0 75.0



#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

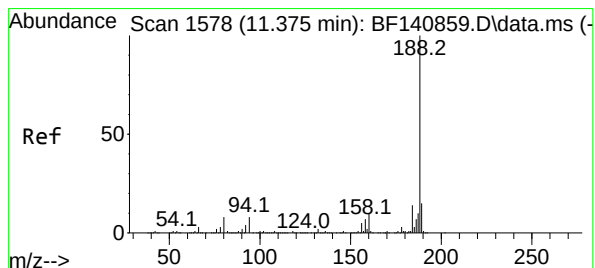
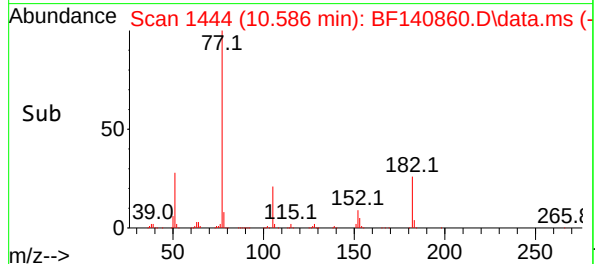
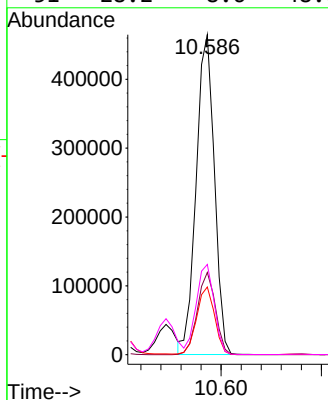
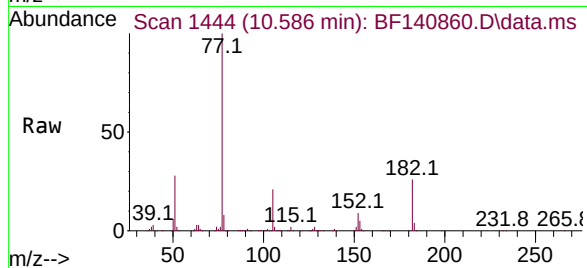




#63
Azobenzene
Concen: 49.412 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

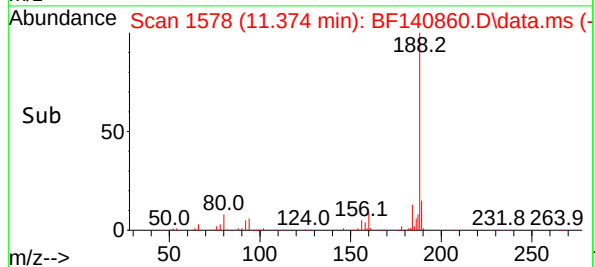
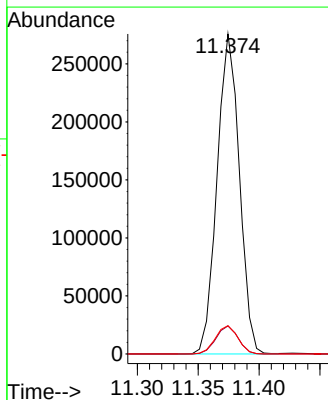
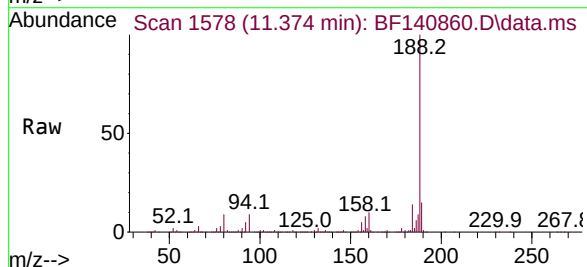
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

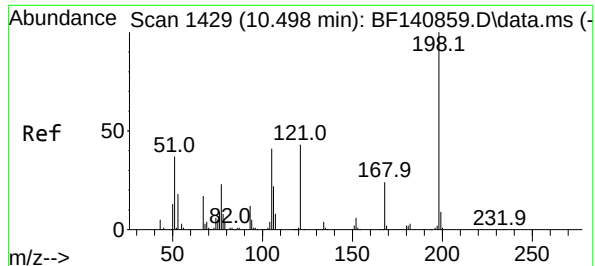
Tgt Ion: 77	Resp: 586556
Ion Ratio	Lower Upper
77 100	
182 25.7	4.5 44.5
105 21.1	0.9 40.9
51 28.2	8.6 48.6



#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

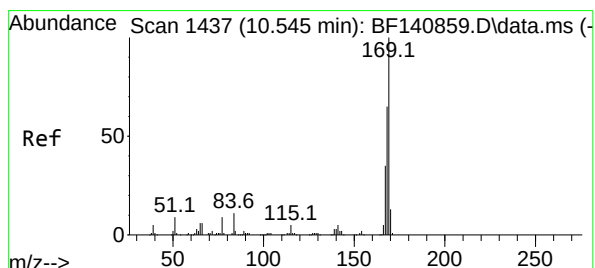
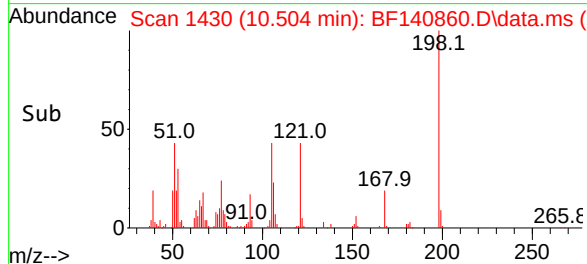
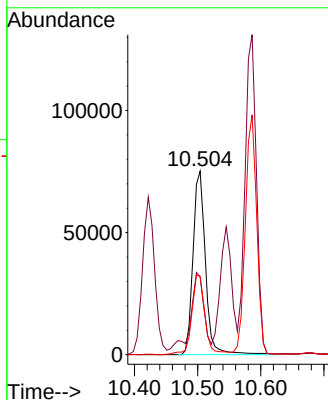
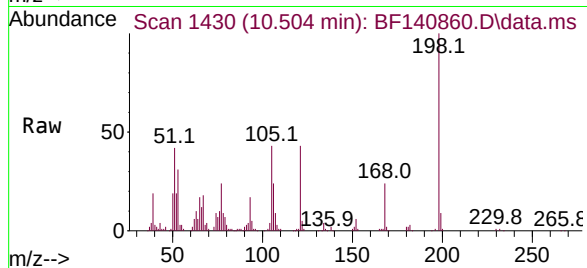




#65
4,6-Dinitro-2-methylphenol
Concen: 51.936 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

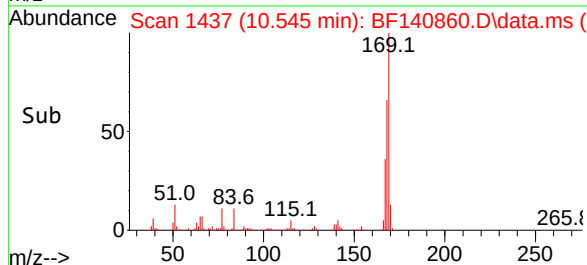
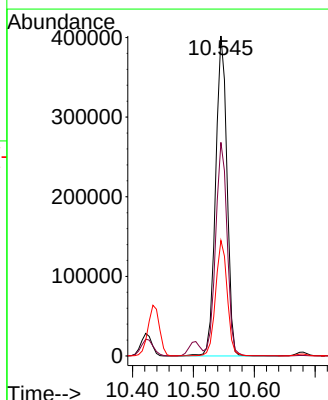
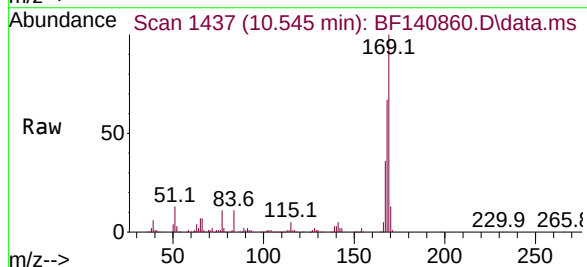
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

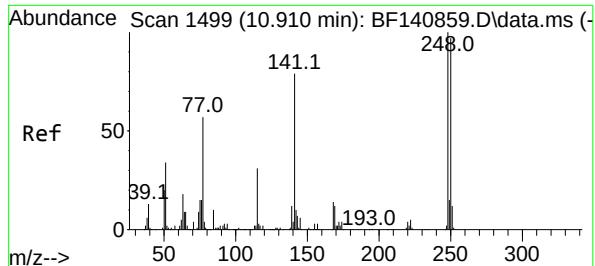
Tgt Ion:198 Resp: 103510
Ion Ratio Lower Upper
198 100
51 42.3 24.4 64.4
105 42.8 22.1 62.1



#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

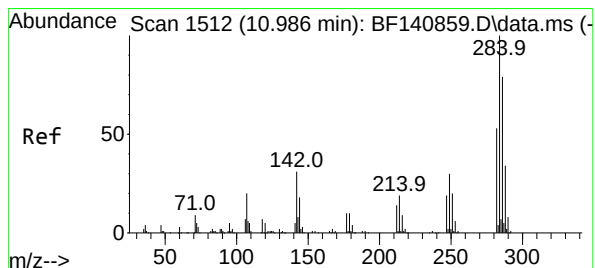
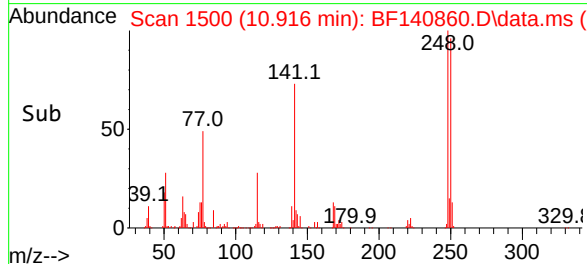
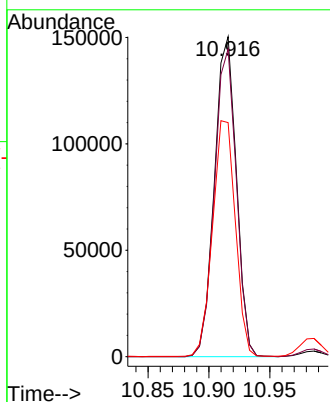
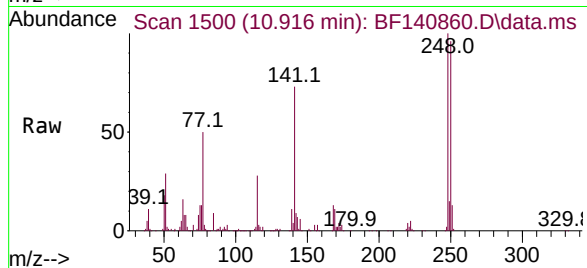




#67
4-Bromophenyl-phenylether
Concen: 47.888 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

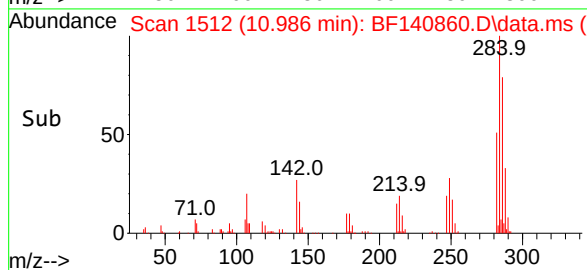
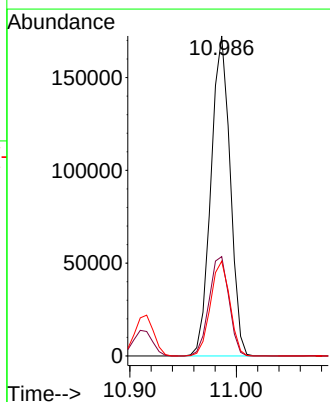
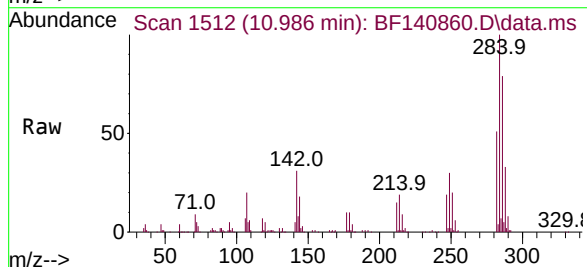
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

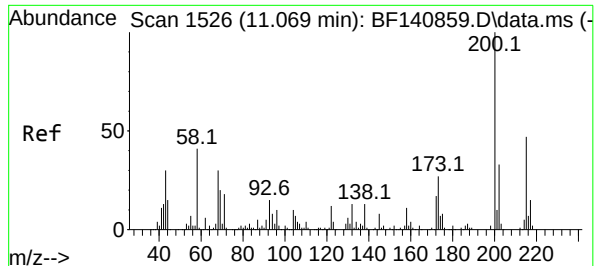
Tgt Ion:248 Resp: 188429
Ion Ratio Lower Upper
248 100
250 96.1 77.4 116.2
141 73.1 62.9 94.3



#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# 1526

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

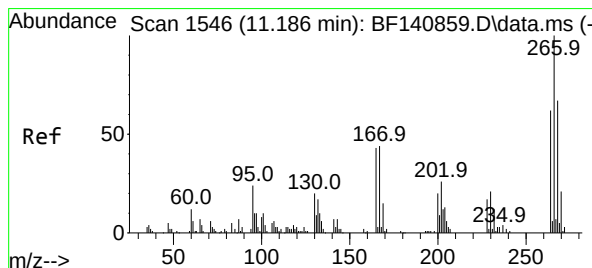
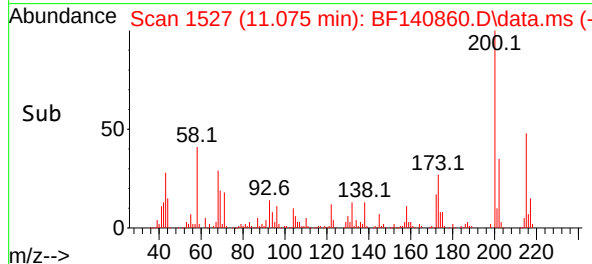
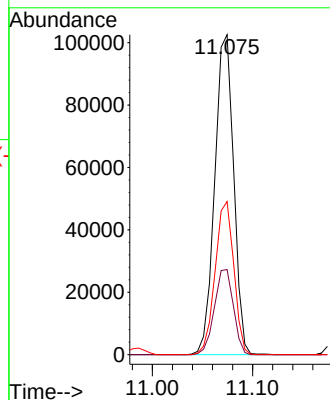
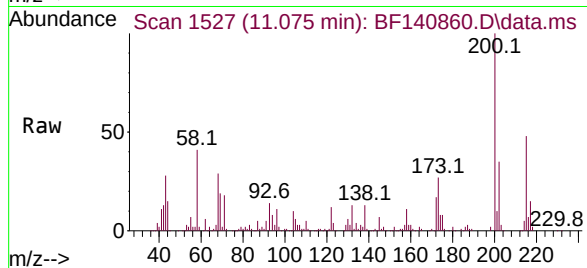
Tgt Ion:200 Resp: 134376

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

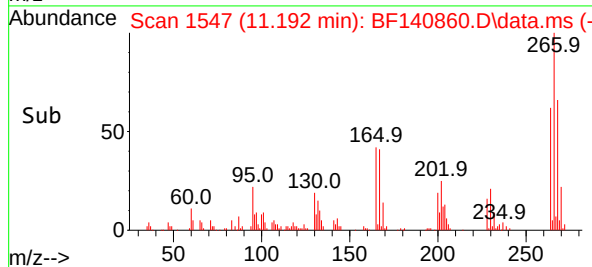
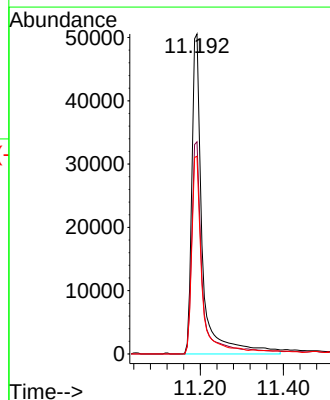
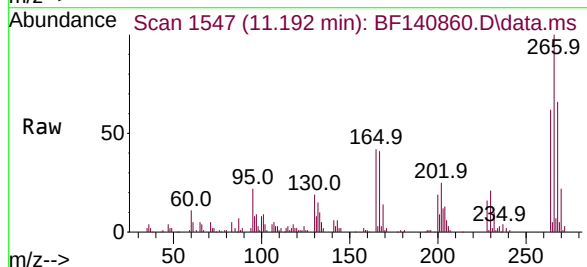
Tgt Ion:266 Resp: 89834

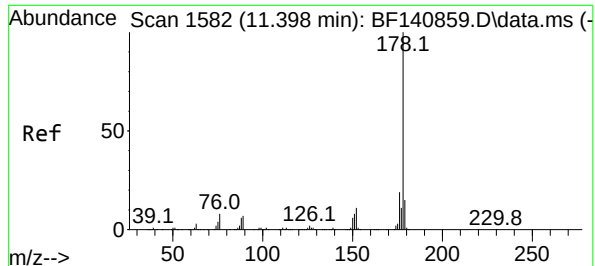
Ion Ratio Lower Upper

266 100

268 66.3 54.0 81.0

264 61.8 49.4 74.2

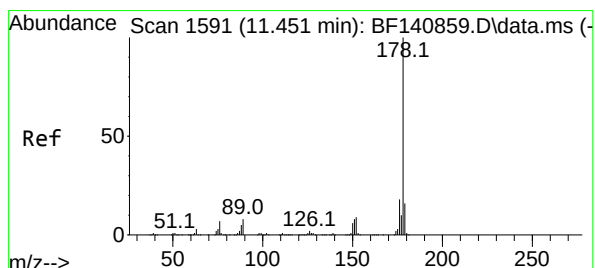
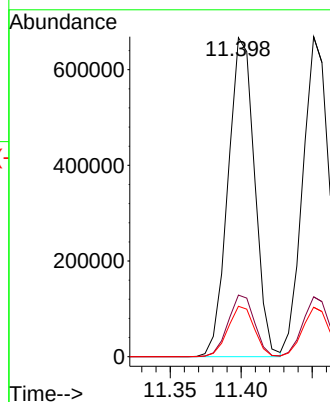
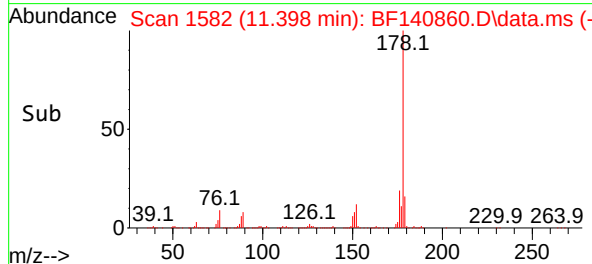
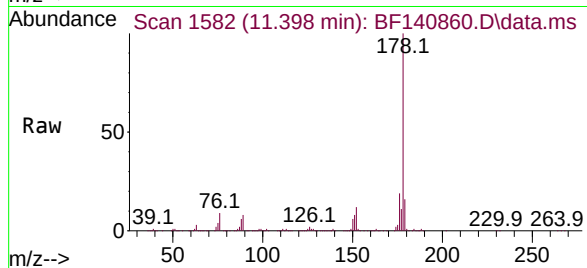




#71
Phenanthrene
Concen: 48.009 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

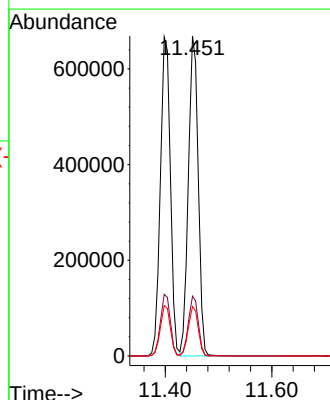
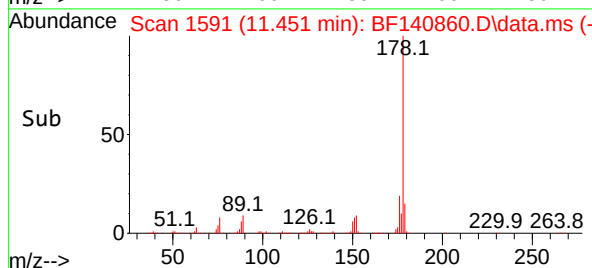
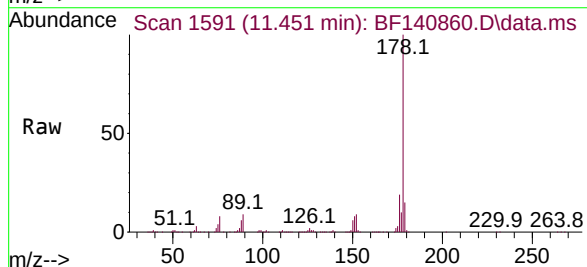
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

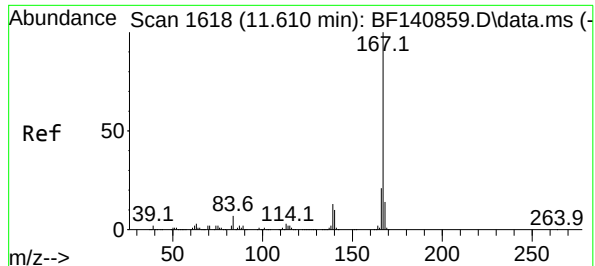
Tgt Ion:178 Resp: 868333
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.8 12.1 18.1



#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

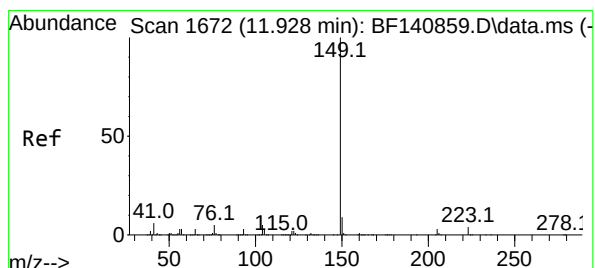
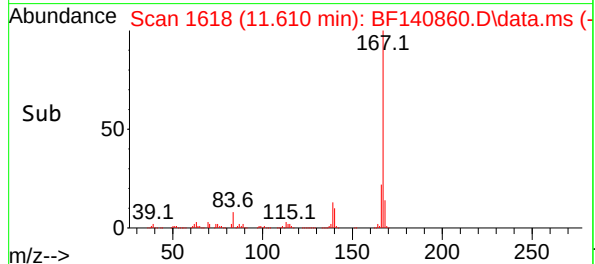
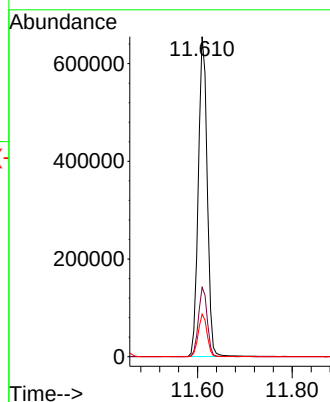
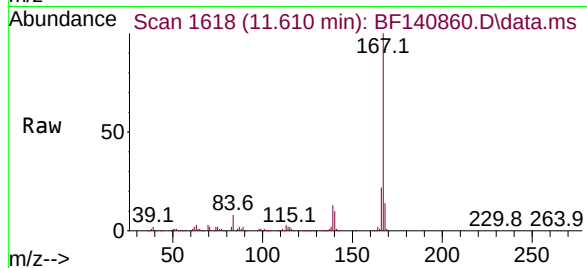




#73
Carbazole
Concen: 48.990 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

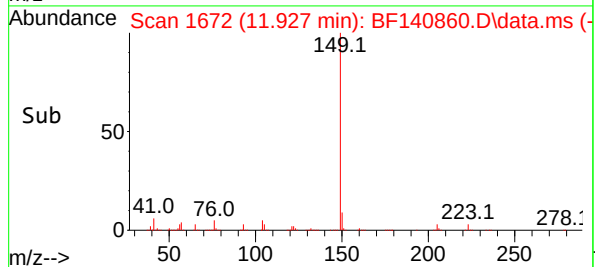
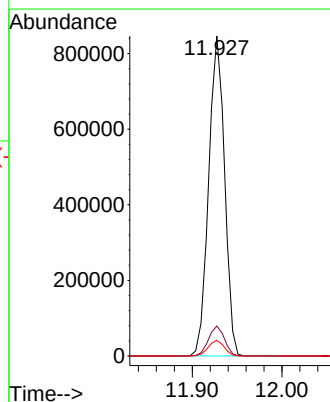
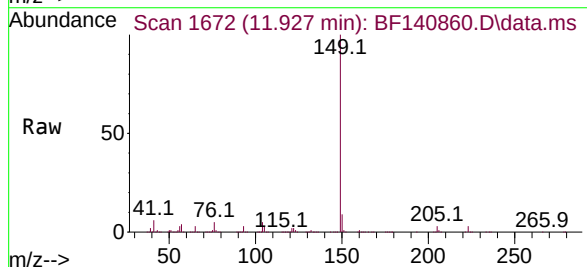
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

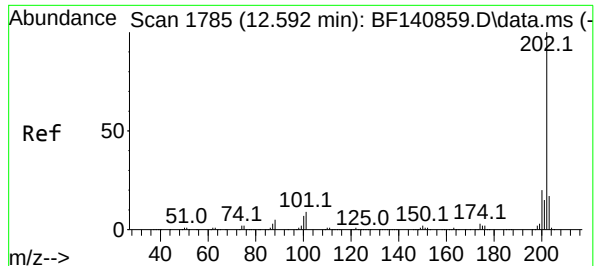
Tgt Ion:167 Resp: 854710
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 13.3 10.2 15.2



#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

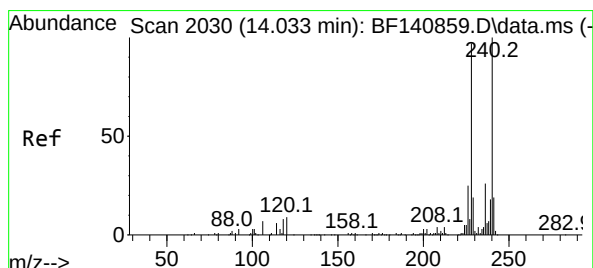
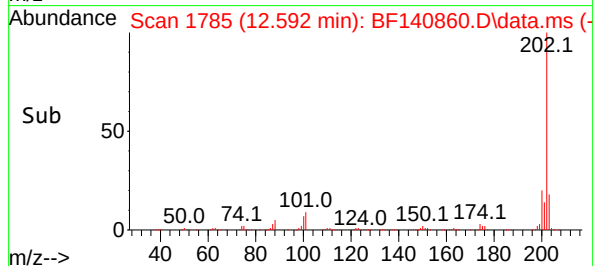
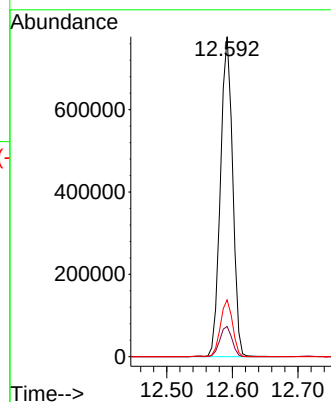
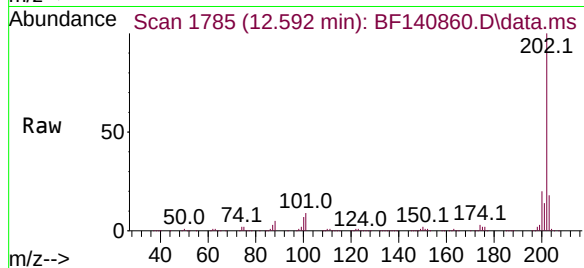




#75
Fluoranthene
Concen: 48.026 ng
RT: 12.592 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

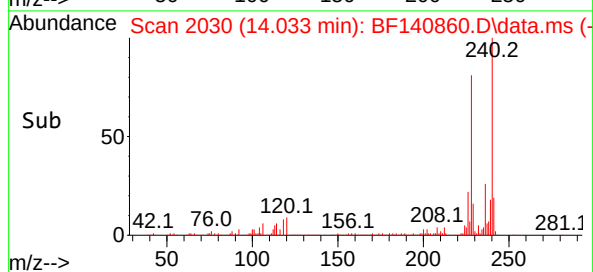
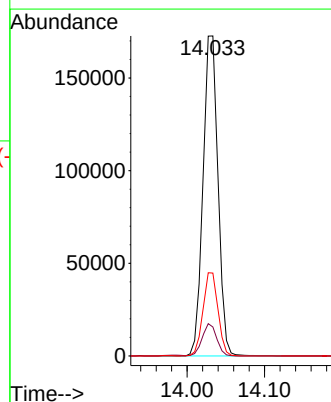
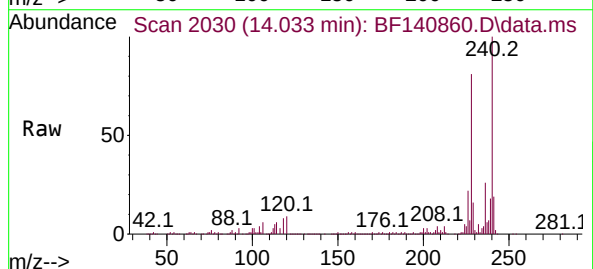
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

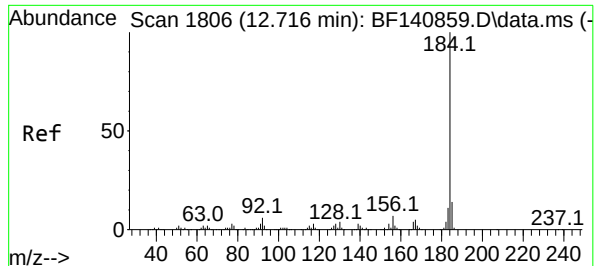
Tgt Ion:202 Resp: 1000374
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 17.8 0.0 37.4



#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

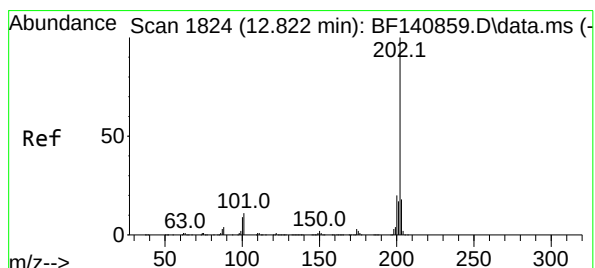
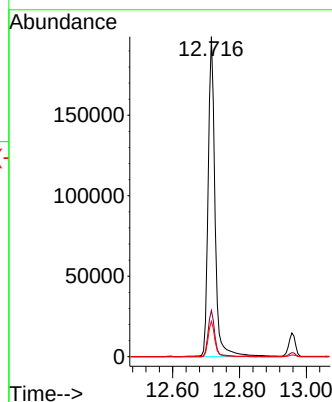
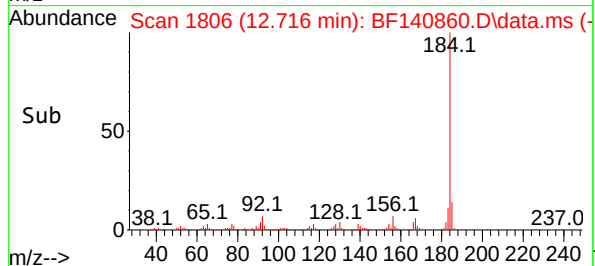
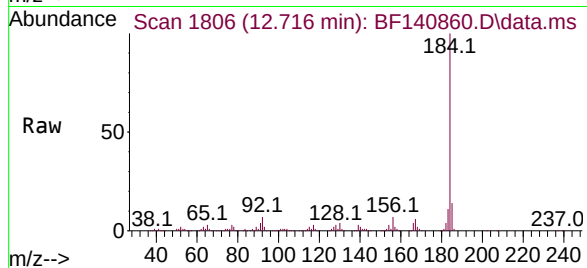




#77
Benzidine
Concen: 60.340 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

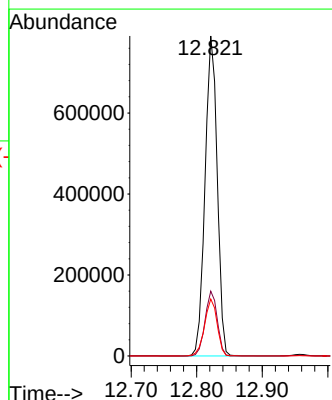
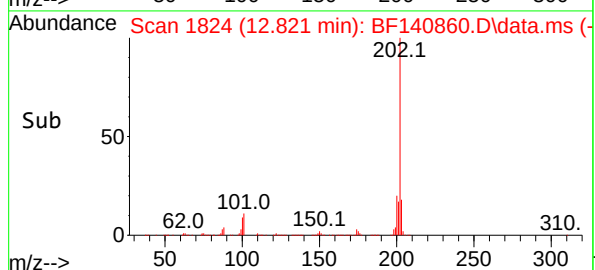
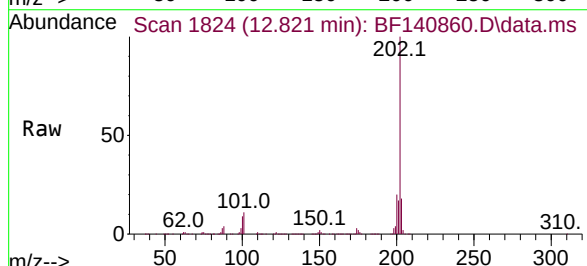
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

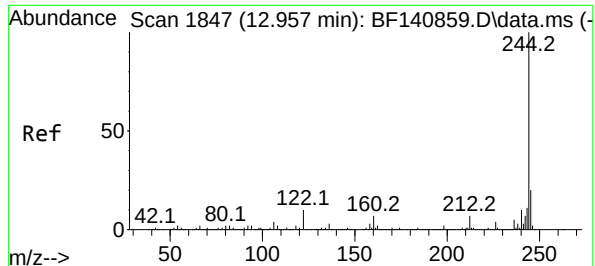
Tgt Ion:184 Resp: 285677
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 11.1 9.0 13.4



#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# 1847

Delta R.T. -0.000 min

Lab File: BF140860.D

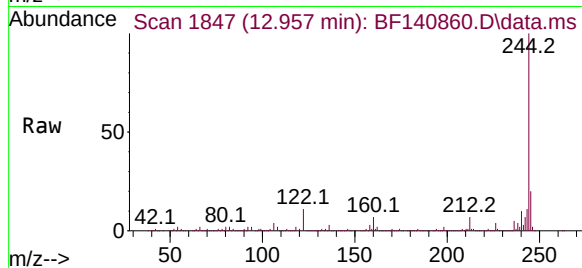
Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



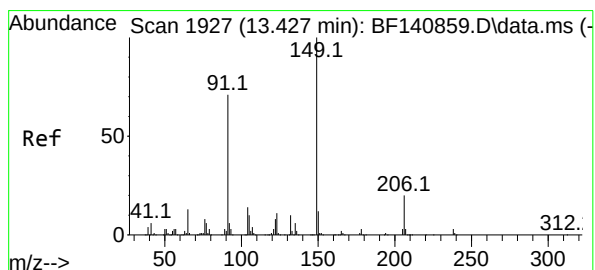
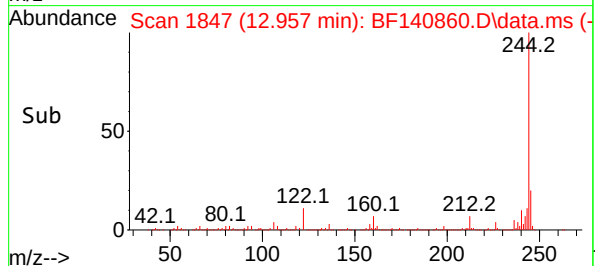
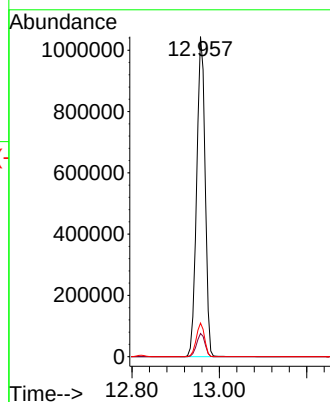
Tgt Ion:244 Resp: 1405567

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

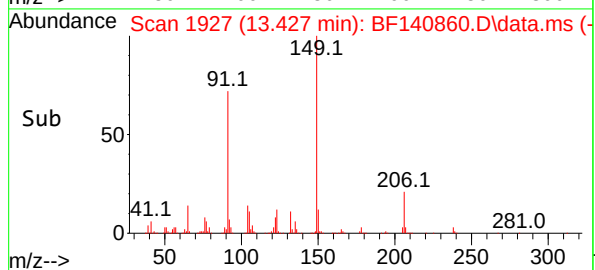
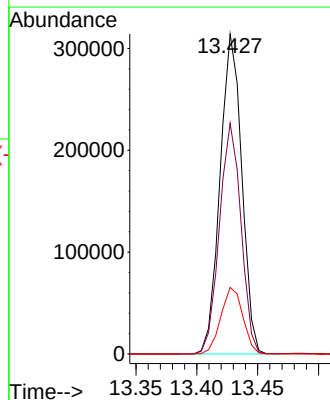
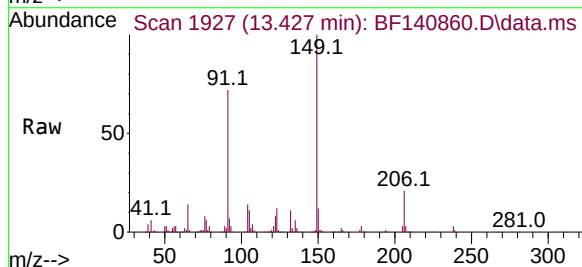
Tgt Ion:149 Resp: 389705

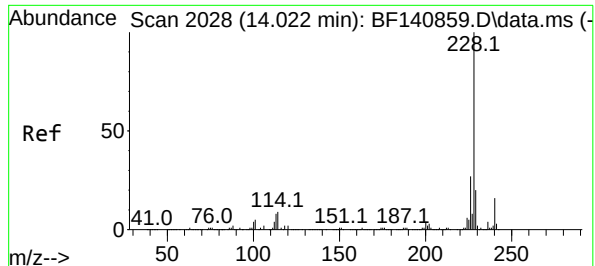
Ion Ratio Lower Upper

149 100

91 72.1 56.7 85.1

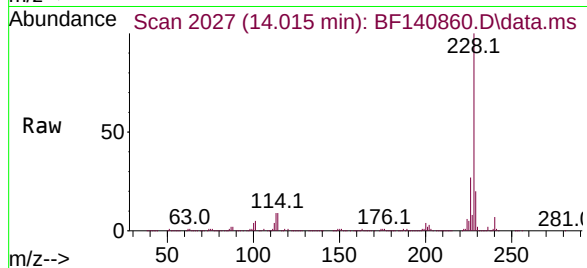
206 20.8 16.4 24.6



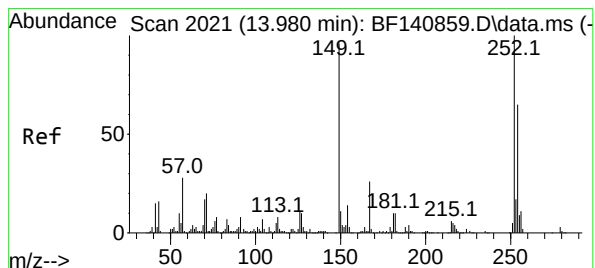
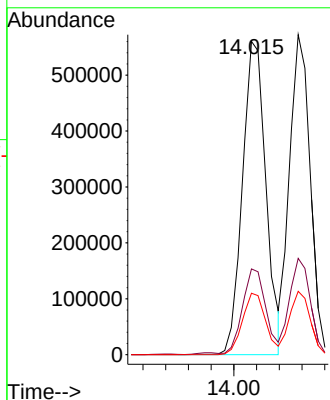
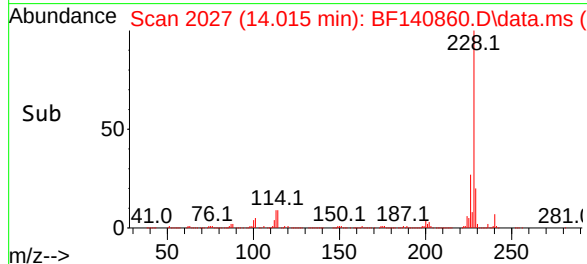


#81
Benzo(a)anthracene
Concen: 48.956 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

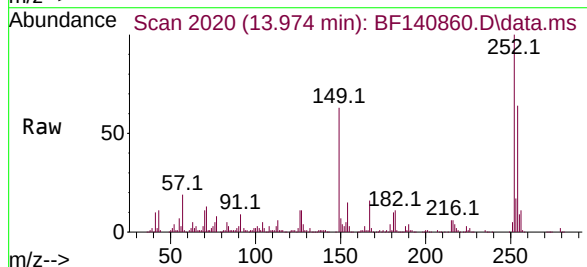
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



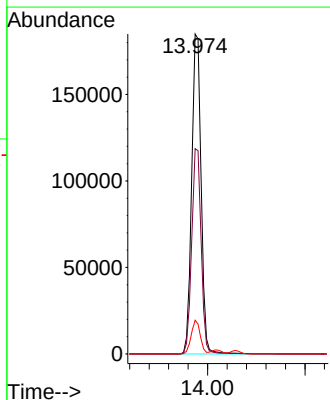
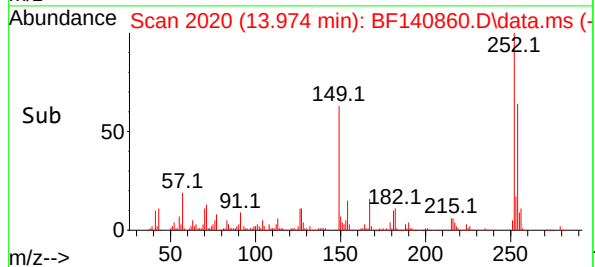
Tgt Ion:228 Resp: 804868
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.6 15.8 23.8

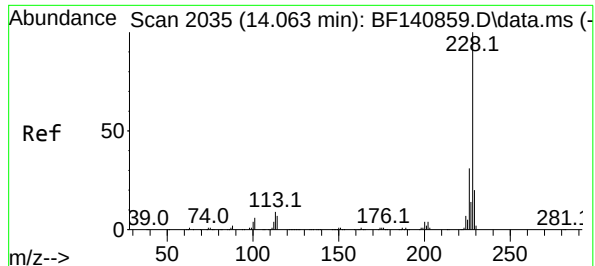


#82
3,3'-Dichlorobenzidine
Concen: 50.470 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23



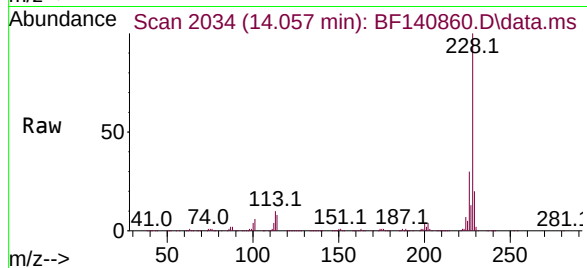
Tgt Ion:252 Resp: 250344
Ion Ratio Lower Upper
252 100
254 64.2 52.3 78.5
126 10.6 8.4 12.6



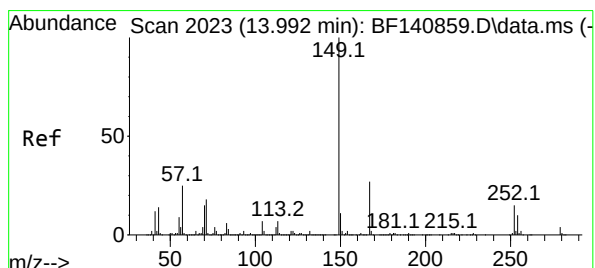
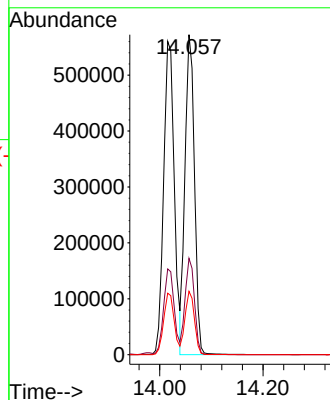
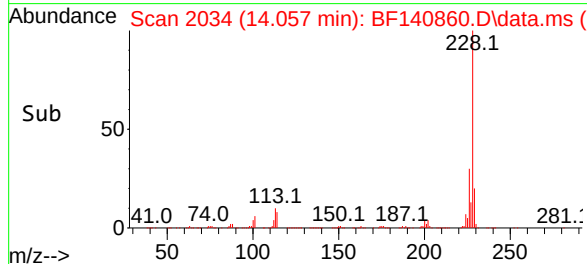


#83
Chrysene
Concen: 48.661 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

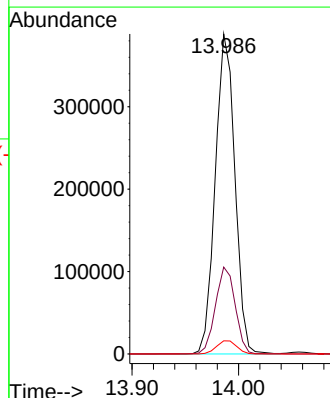
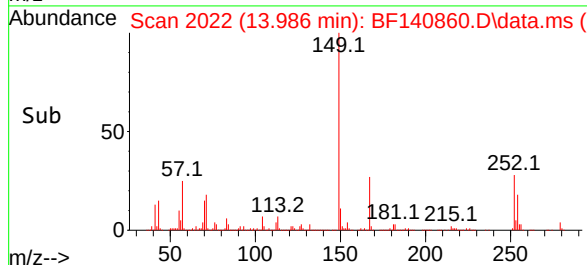
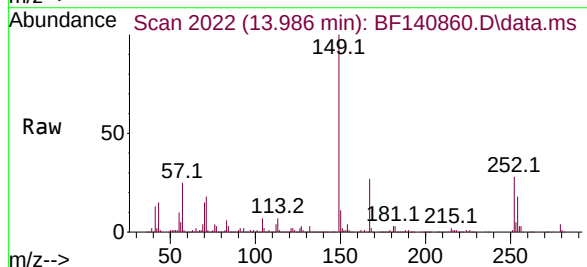


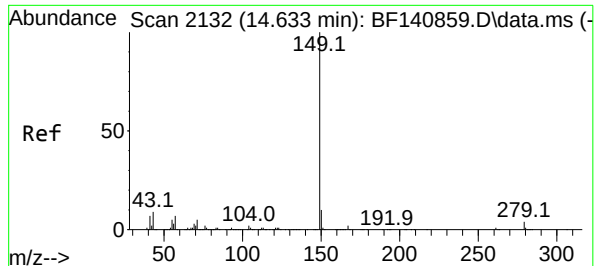
Tgt Ion:228 Resp: 727490
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.8 16.0 24.0



#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

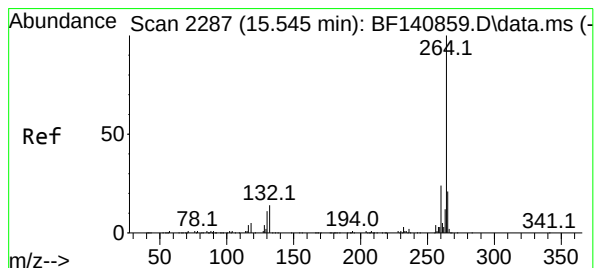
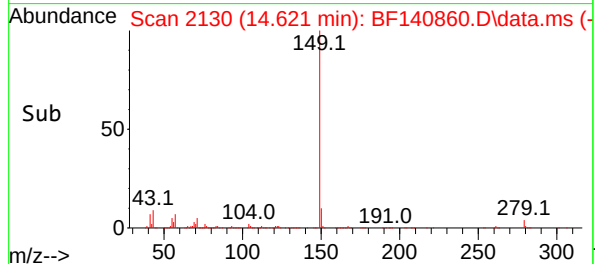
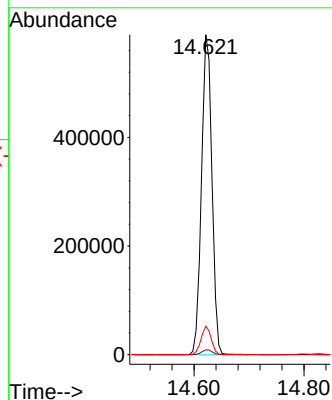
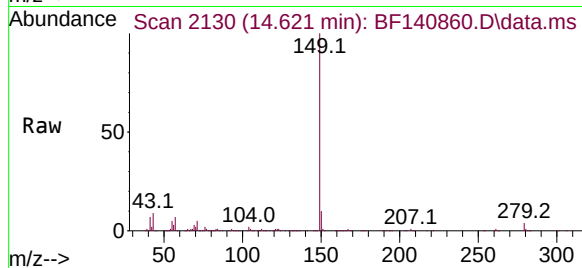




#85
Di-n-octyl phthalate
Concen: 52.530 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

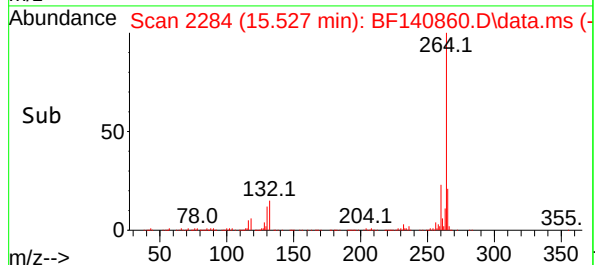
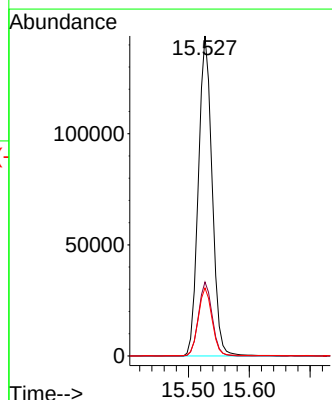
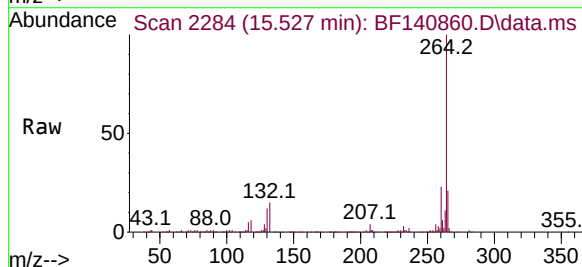
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

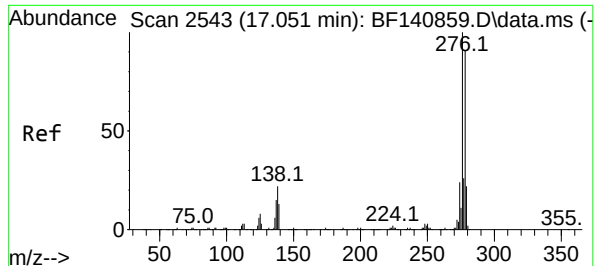
Tgt Ion:149 Resp: 777794
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.0 10.6



#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

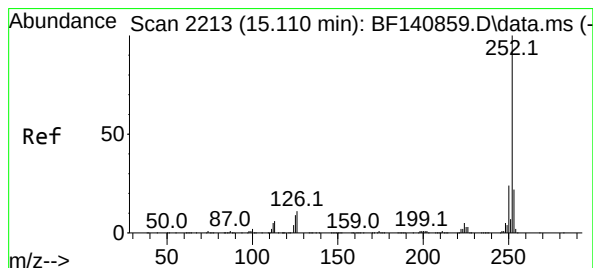
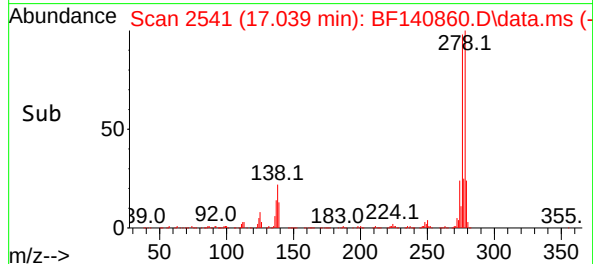
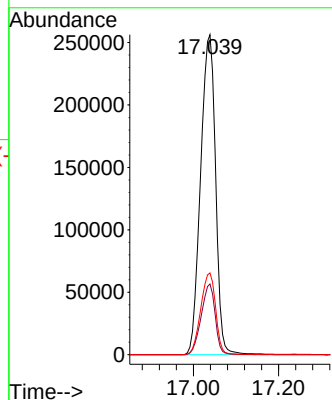
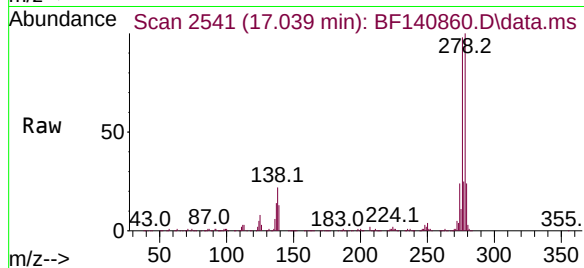




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.446 ng
RT: 17.039 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

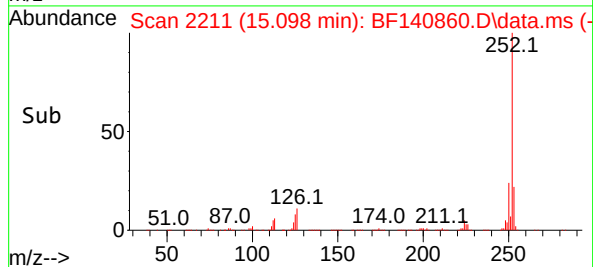
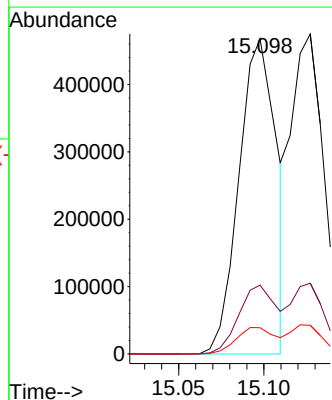
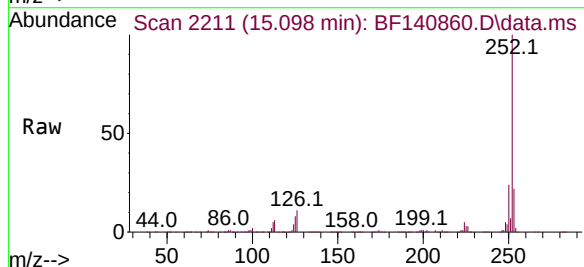
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

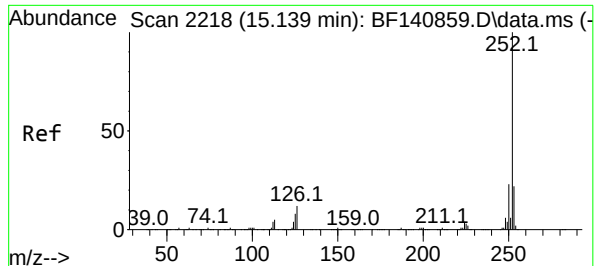
Tgt Ion:276 Resp: 625642
Ion Ratio Lower Upper
276 100
138 20.6 16.9 25.3
277 25.4 20.2 30.4



#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# 21

Delta R.T. -0.012 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

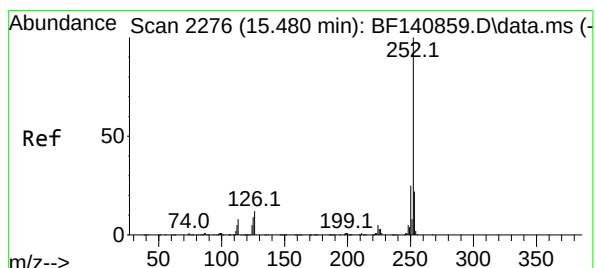
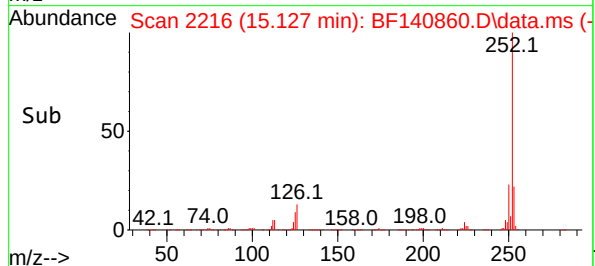
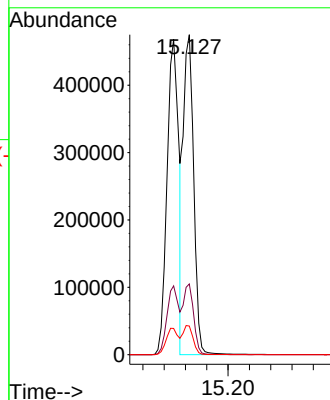
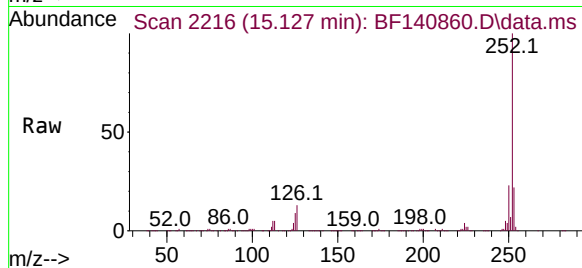
Tgt Ion:252 Resp: 644153

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

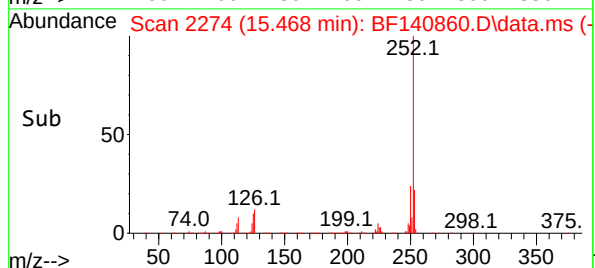
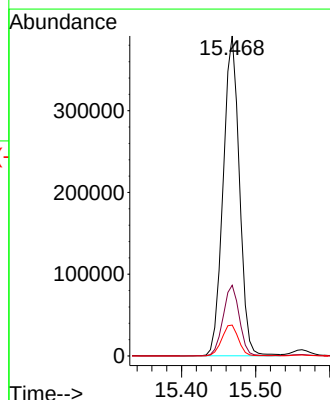
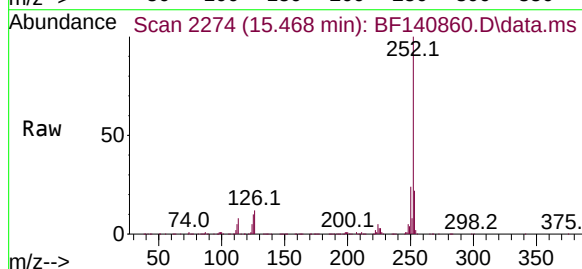
Tgt Ion:252 Resp: 595306

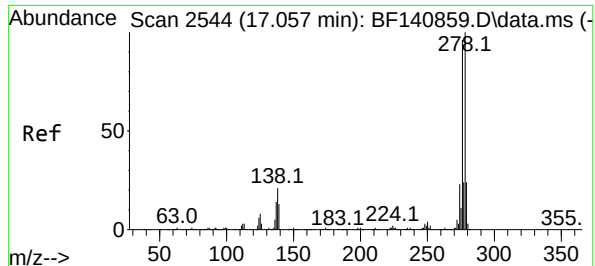
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.018 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

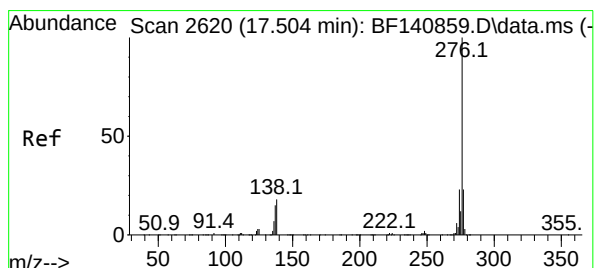
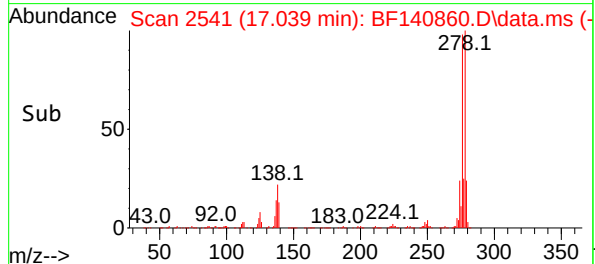
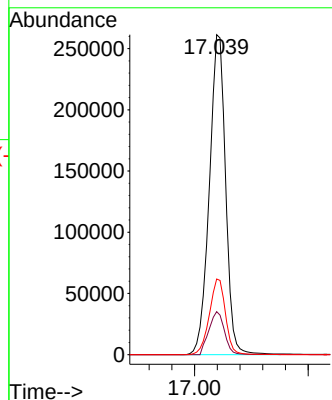
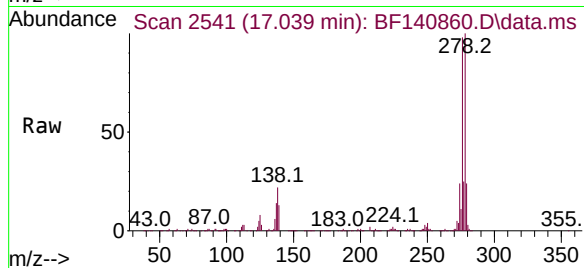
Tgt Ion:278 Resp: 517904

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

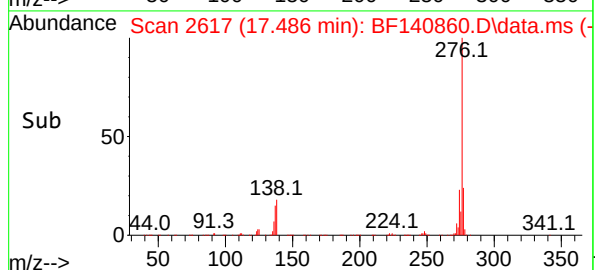
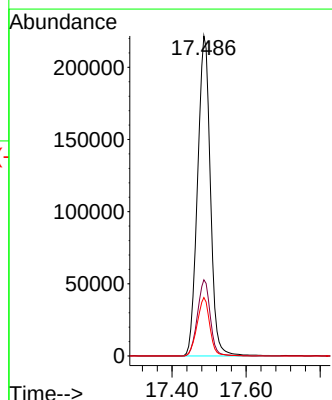
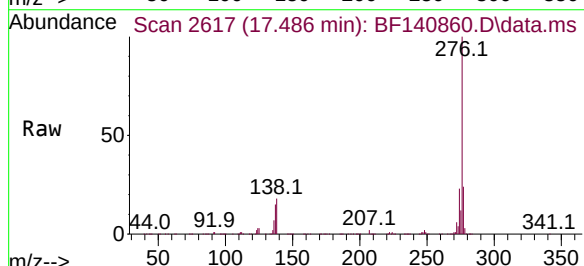
Tgt Ion:276 Resp: 532268

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 18.2 14.2 21.2



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

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 Sample : SSTDICC060
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

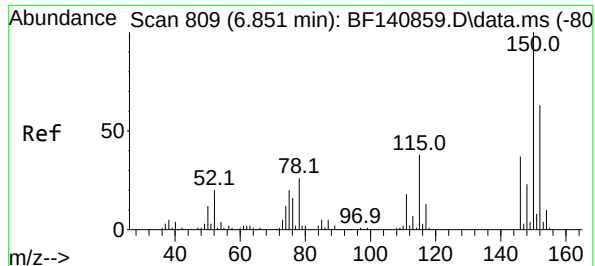
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 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

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

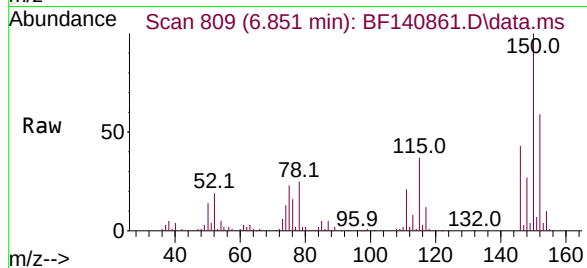
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ClientSampleId :
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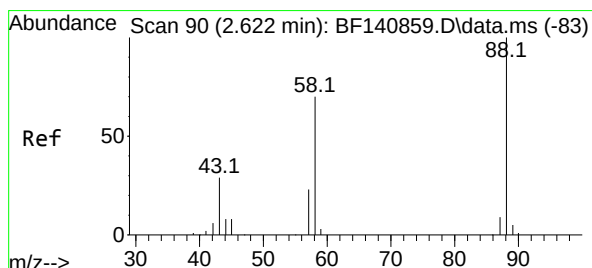
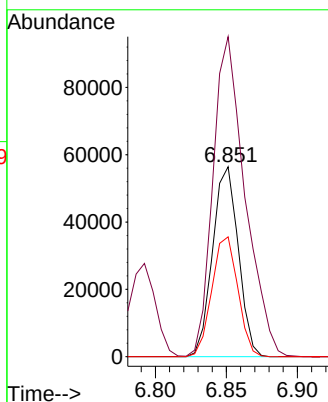
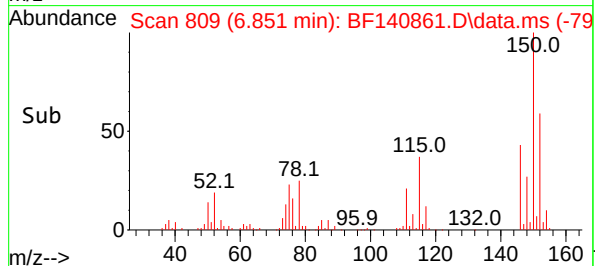


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

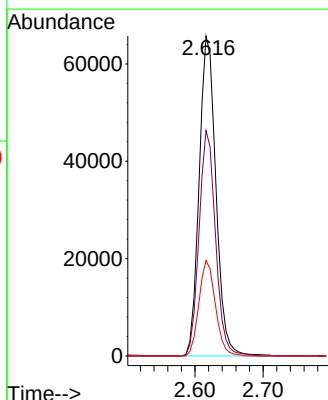
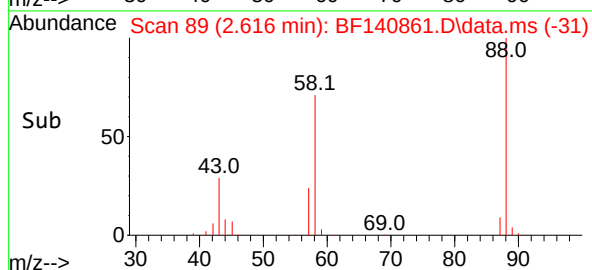
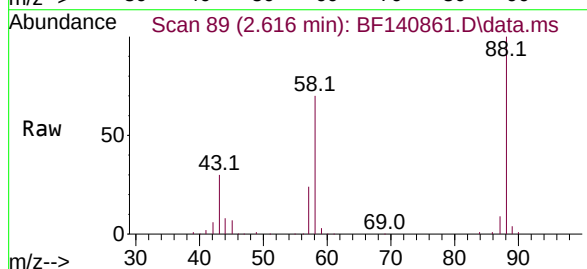


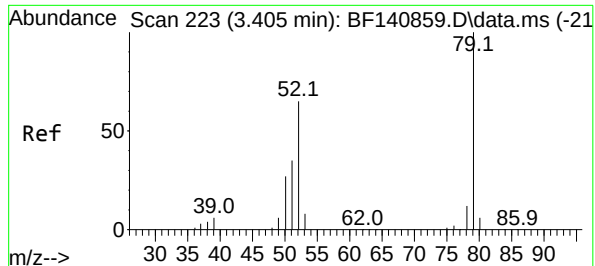
Tgt Ion:152 Resp: 71125
Ion Ratio Lower Upper
152 100
150 168.5 127.9 191.9
115 63.1 48.0 72.0



#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# 21

Delta R.T. -0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

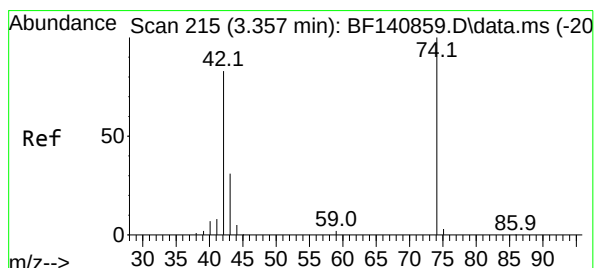
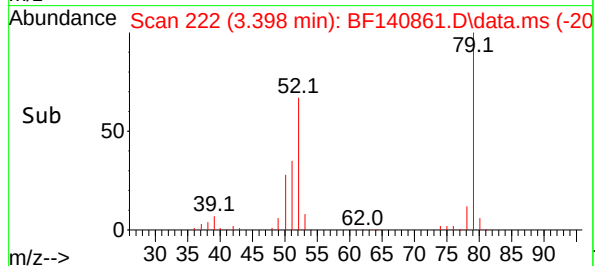
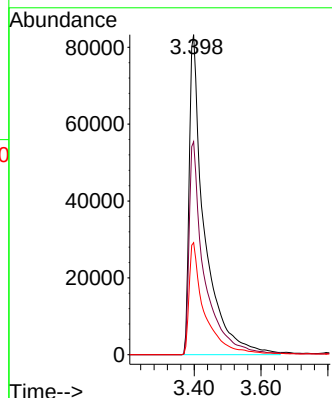
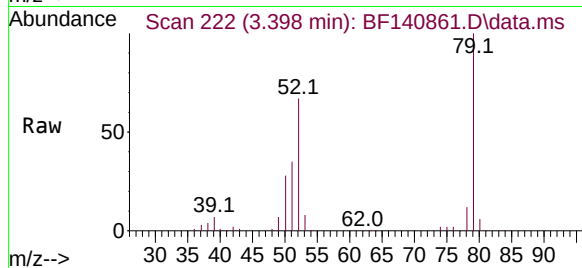
Tgt Ion: 79 Resp: 263425

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

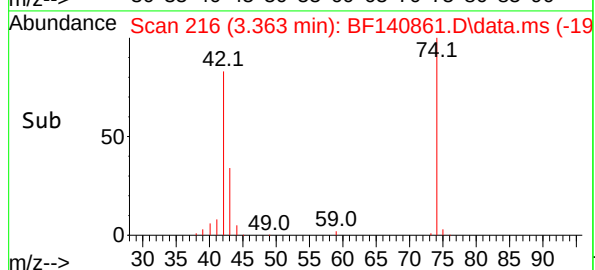
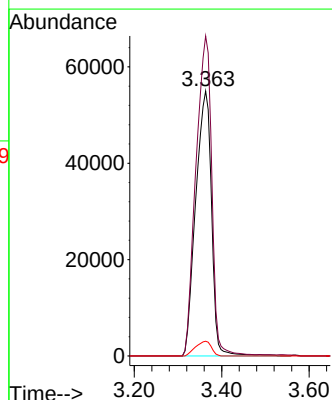
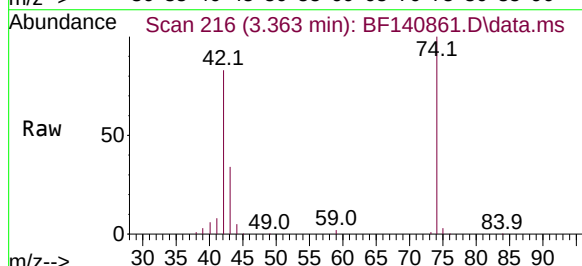
Tgt Ion: 42 Resp: 138309

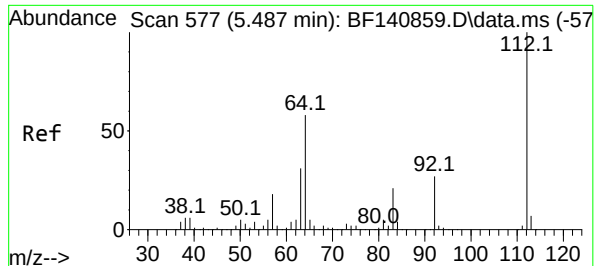
Ion Ratio Lower Upper

42 100

74 120.7 96.9 145.3

44 5.6 4.4 6.6

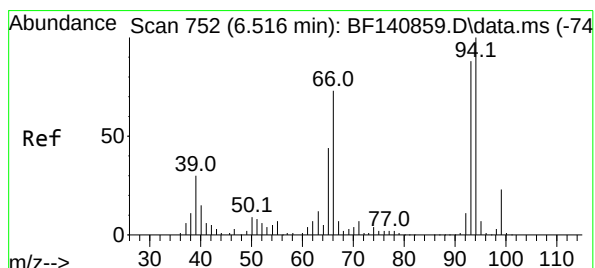
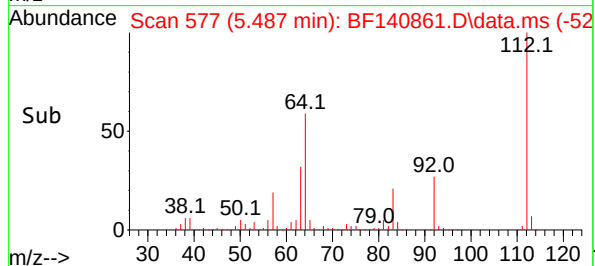
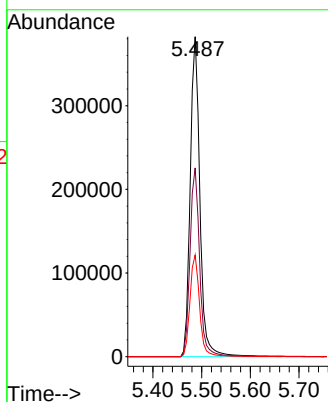
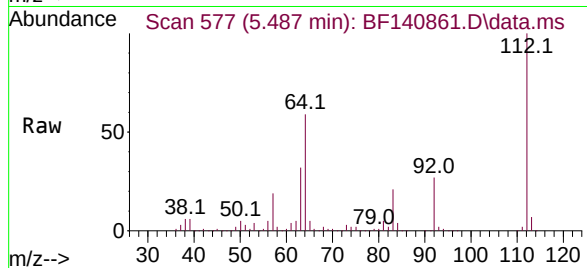




#5
2-Fluorophenol
Concen: 122.696 ng
RT: 5.487 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

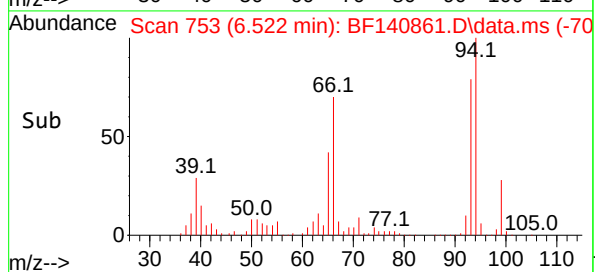
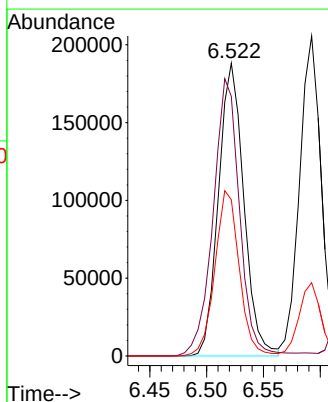
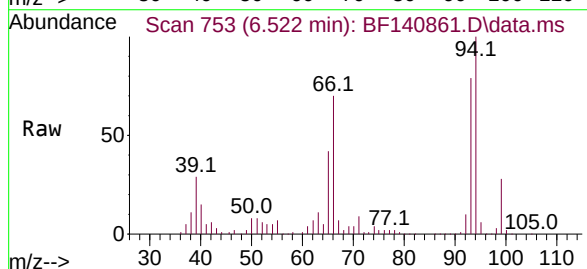
Instrument :
BNA_F
ClientSampleId :
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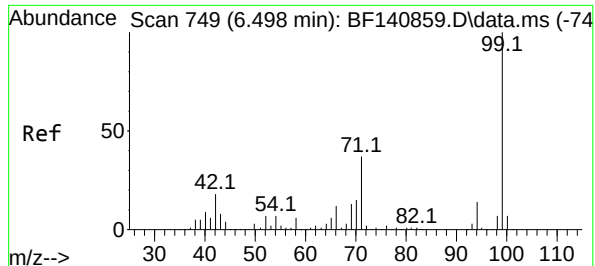
Tgt Ion:112 Resp: 530122
Ion Ratio Lower Upper
112 100
64 59.0 46.1 69.1
63 31.8 24.9 37.3



#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

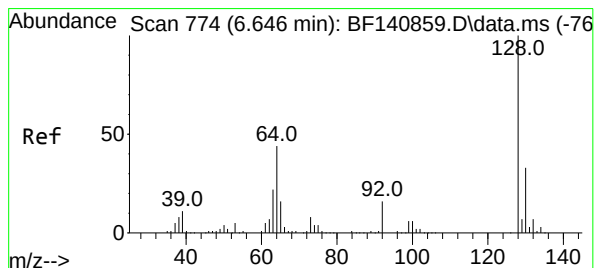
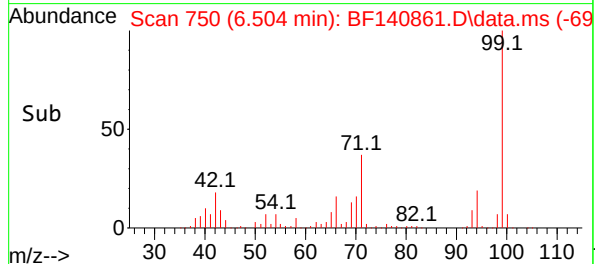
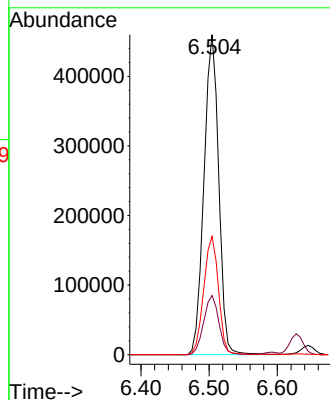
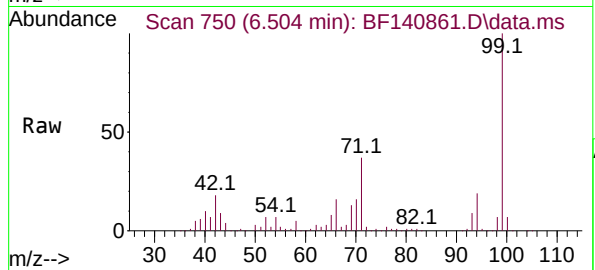




#7
Phenol-d6
Concen: 120.993 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

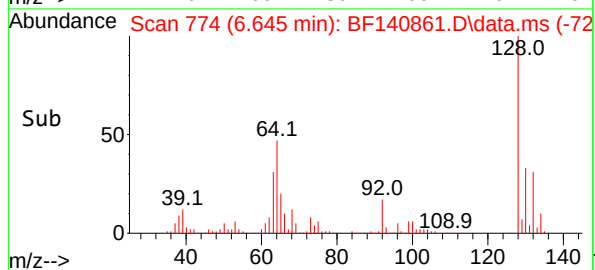
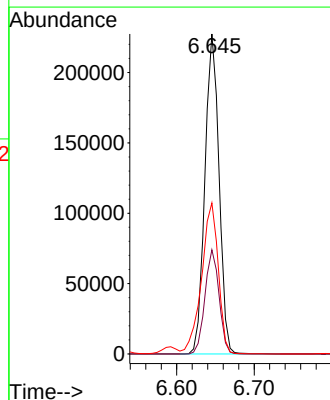
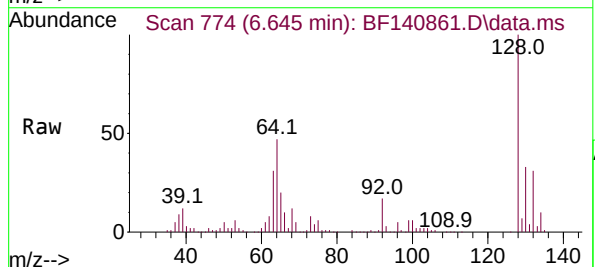
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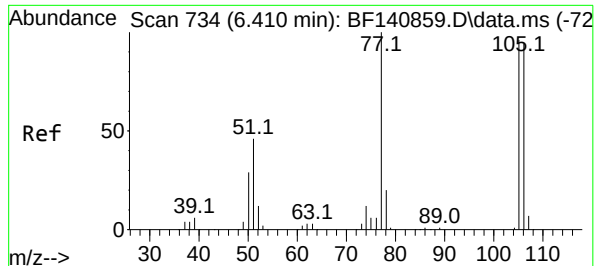
Tgt Ion: 99 Resp: 692405
Ion Ratio Lower Upper
99 100
42 18.5 14.3 21.5
71 36.9 29.9 44.9



#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# 71

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

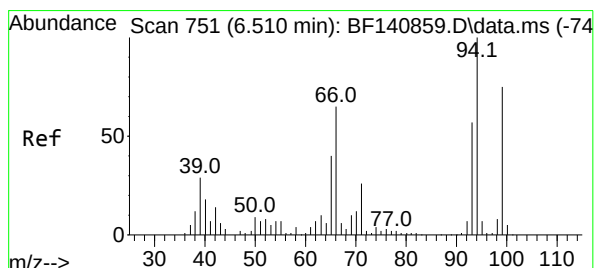
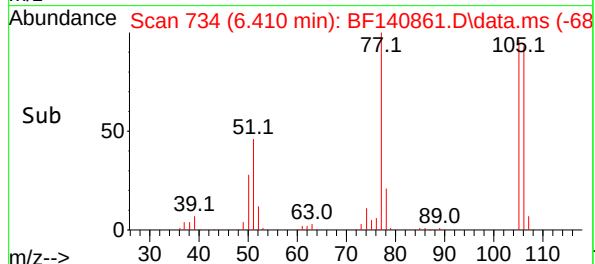
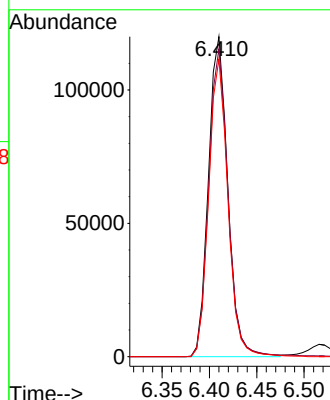
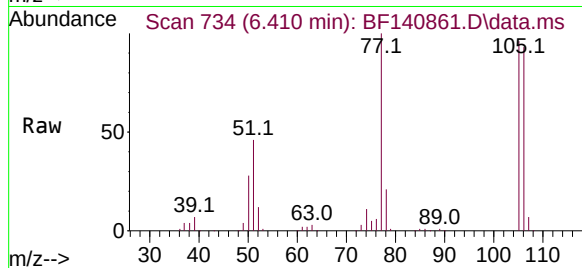
Tgt Ion: 77 Resp: 170596

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

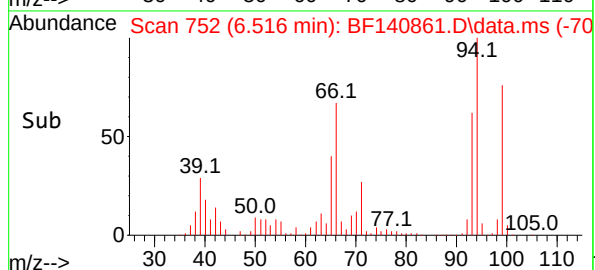
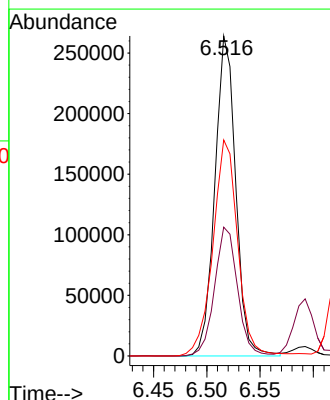
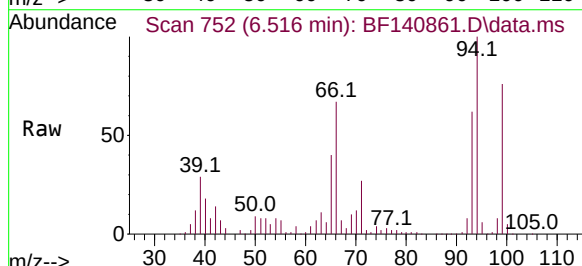
Tgt Ion: 94 Resp: 360221

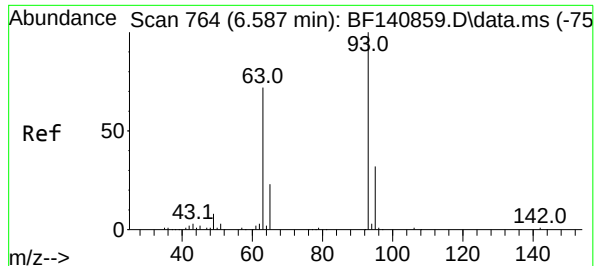
Ion Ratio Lower Upper

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# 765

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

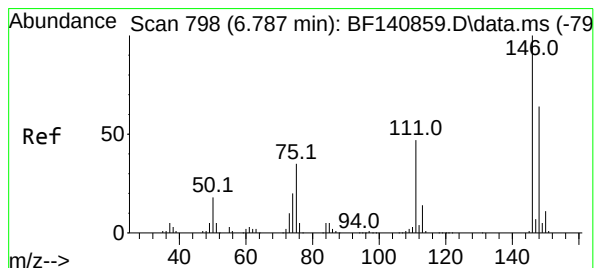
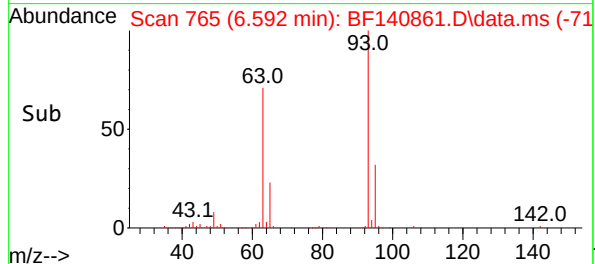
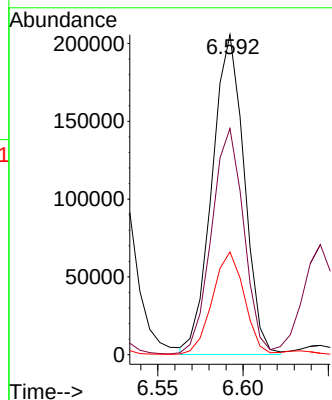
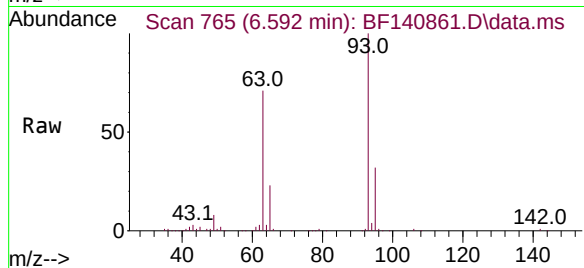
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ClientSampleId :

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

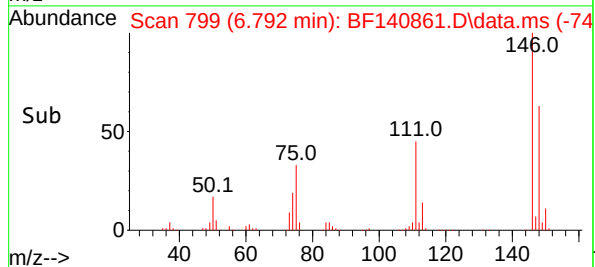
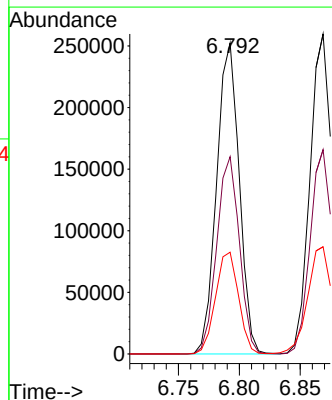
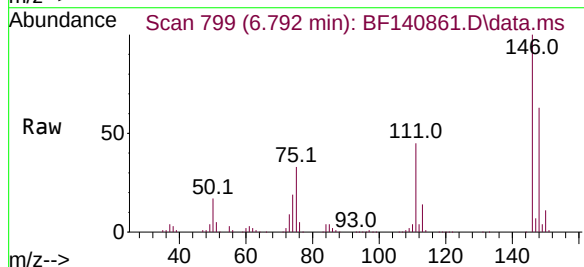
Delta R.T. 0.006 min

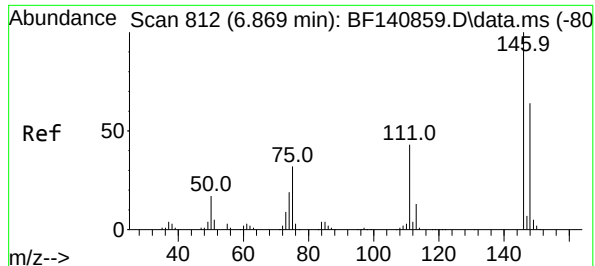
Lab File: BF140861.D

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# 812

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

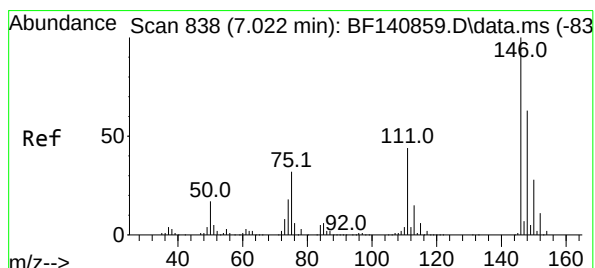
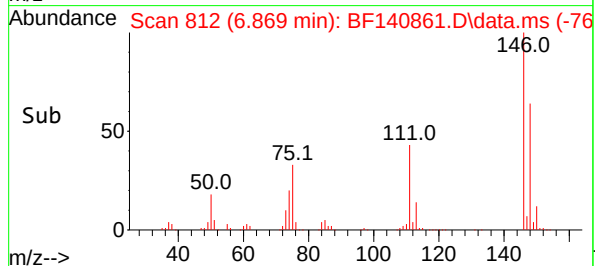
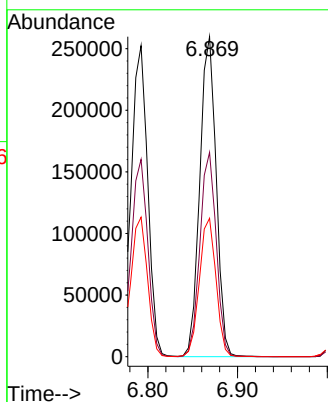
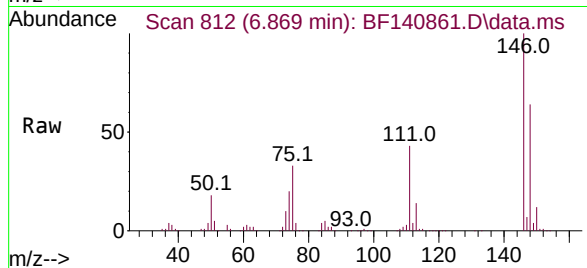
Tgt Ion:146 Resp: 329906

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

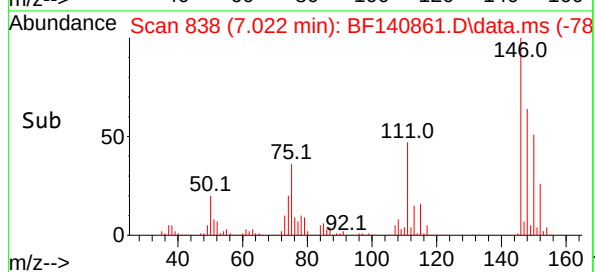
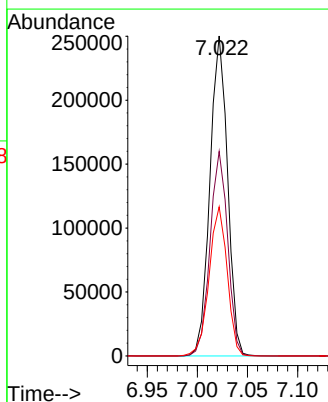
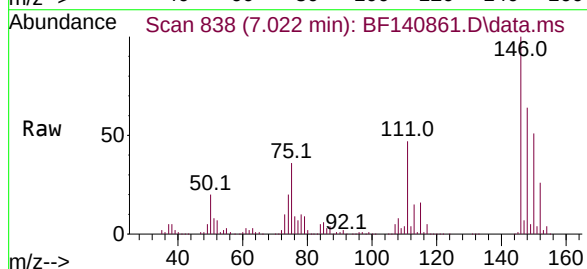
Tgt Ion:146 Resp: 306086

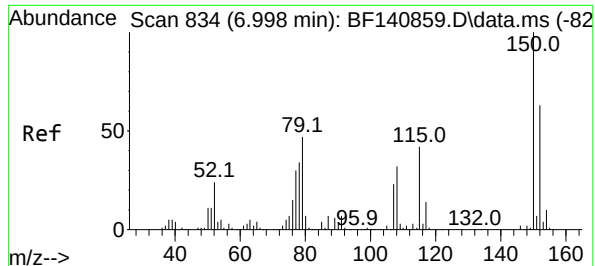
Ion Ratio Lower Upper

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# 81

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

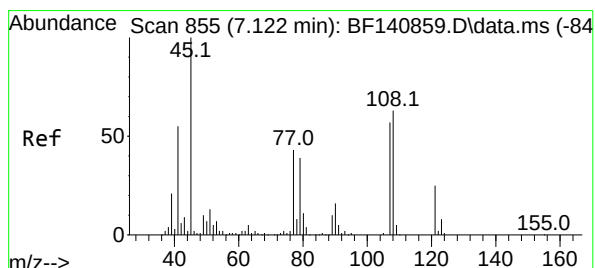
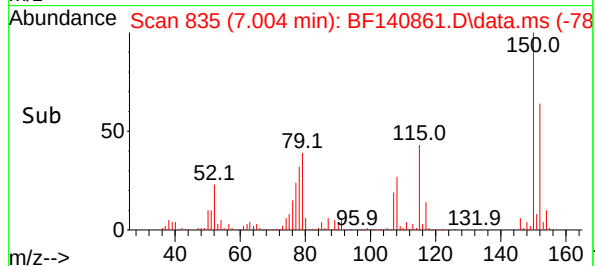
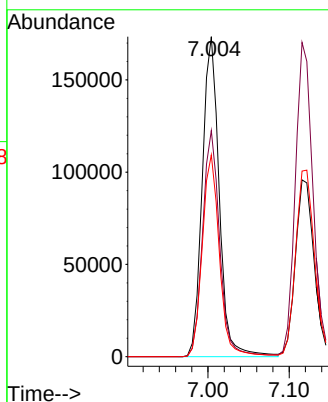
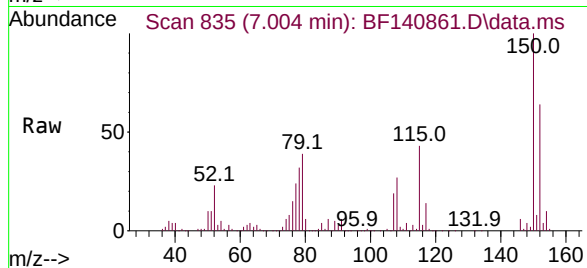
Tgt Ion: 79 Resp: 251539

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

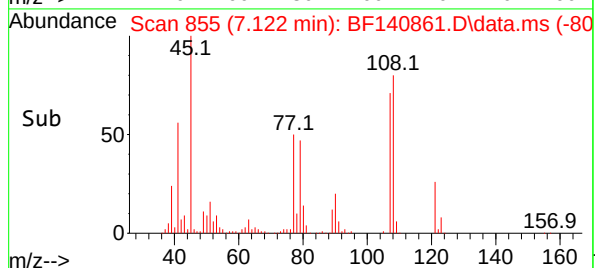
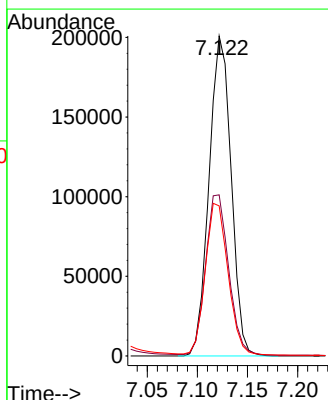
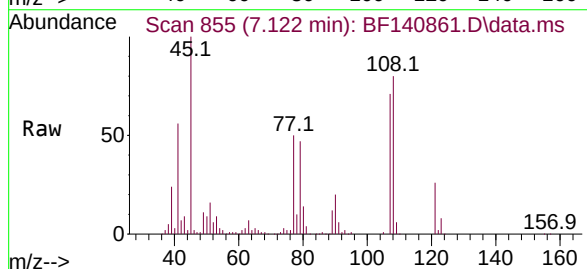
Tgt Ion: 45 Resp: 307981

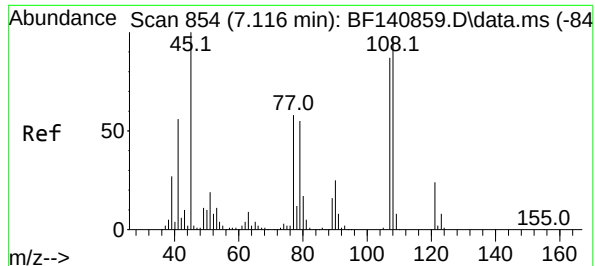
Ion Ratio Lower Upper

45 100

77 50.3 23.3 63.3

79 46.9 20.0 60.0

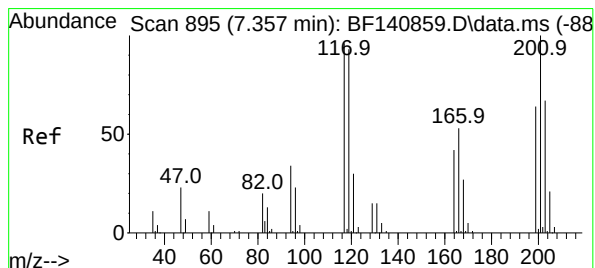
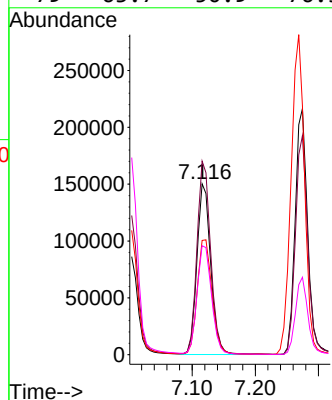
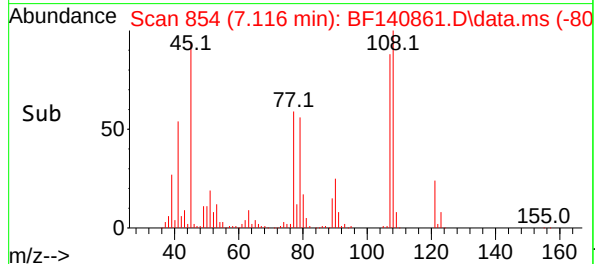
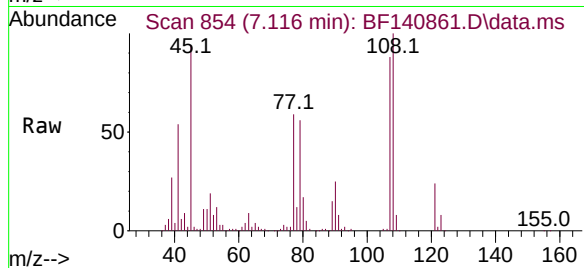




#17
2-Methylphenol
Concen: 60.504 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

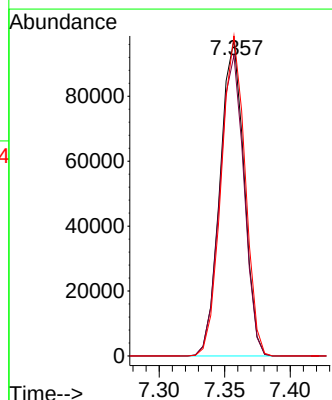
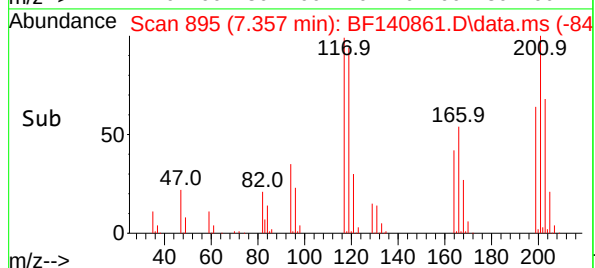
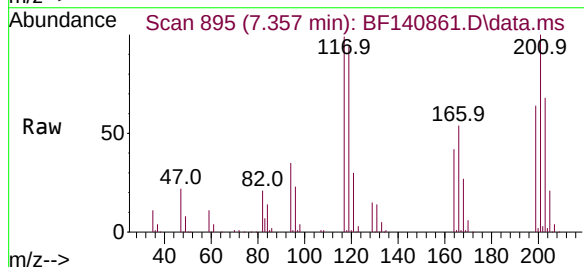
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

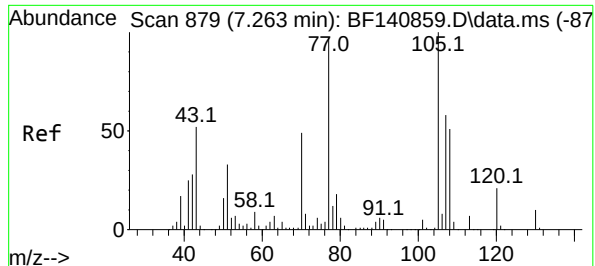
Tgt Ion:107 Resp: 227597
Ion Ratio Lower Upper
107 100
108 113.2 90.2 135.4
77 66.9 53.8 80.6
79 63.7 50.9 76.3



#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# 81

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

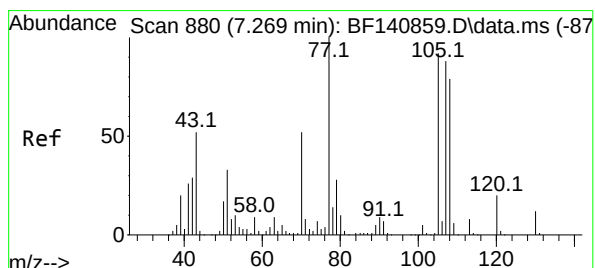
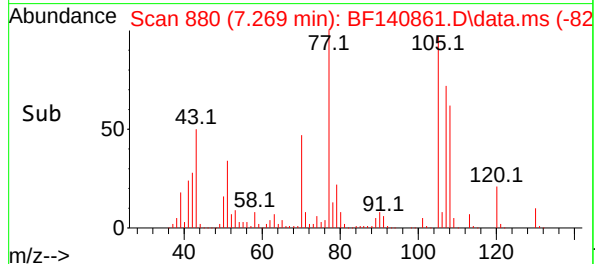
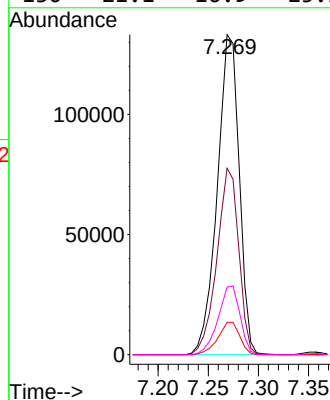
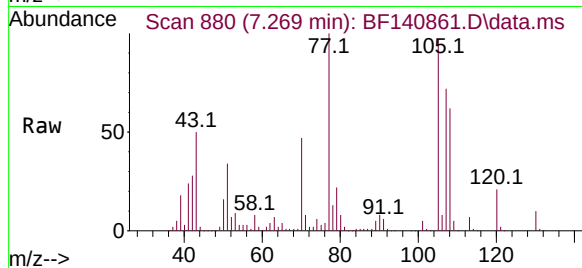
Ion Ratio Lower Upper

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

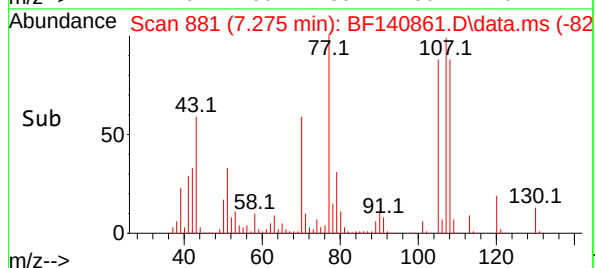
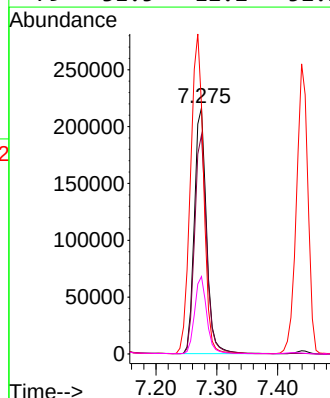
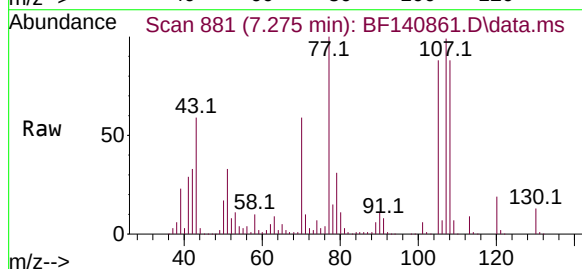
Ion Ratio Lower Upper

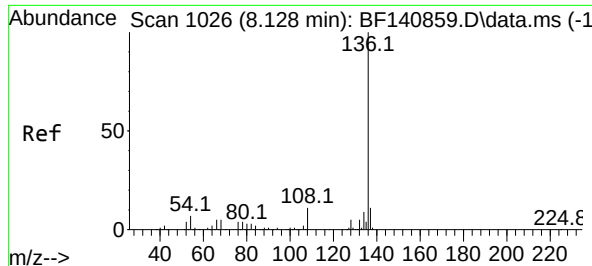
107 100

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

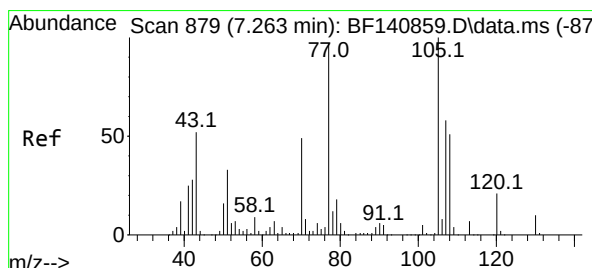
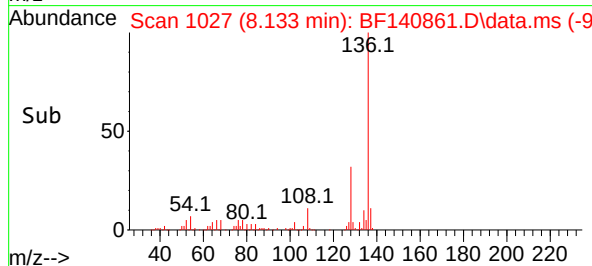
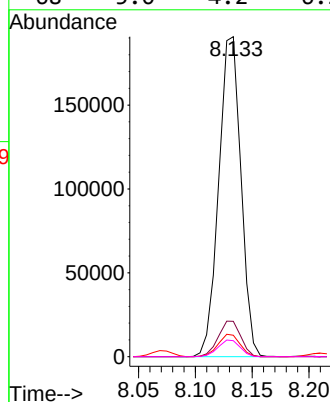
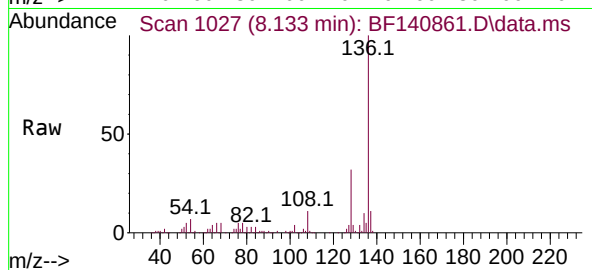
Ion Ratio Lower Upper

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

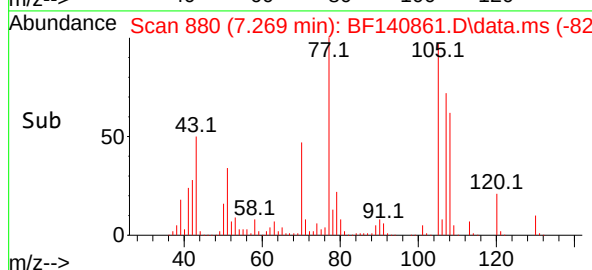
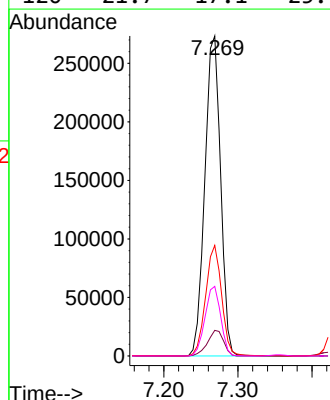
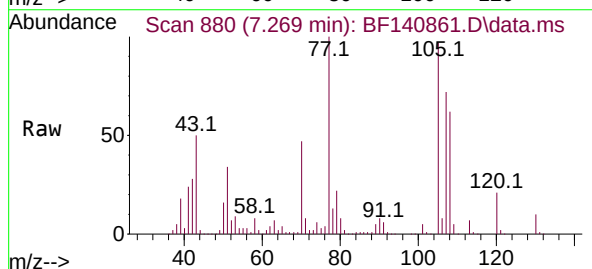
Ion Ratio Lower Upper

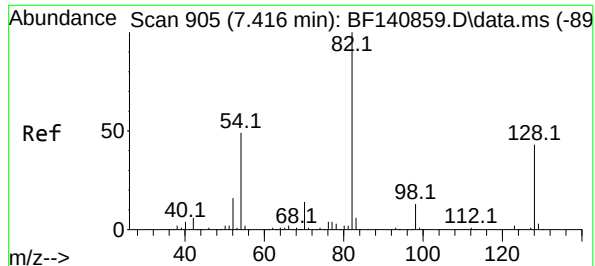
105 100

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# 906

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

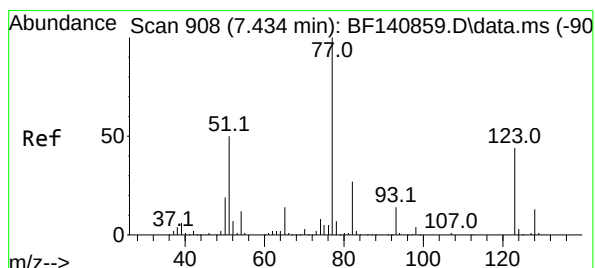
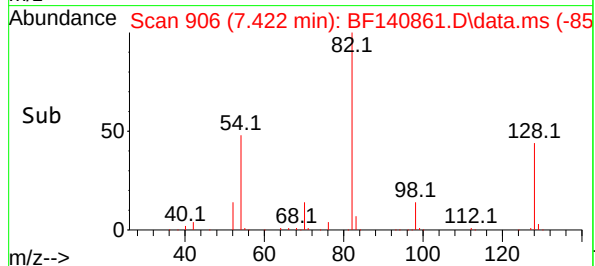
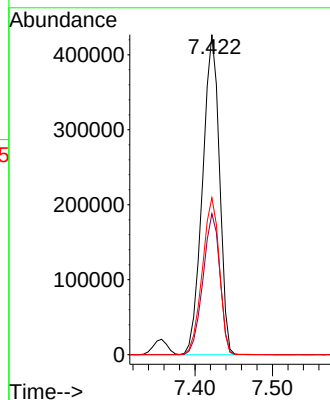
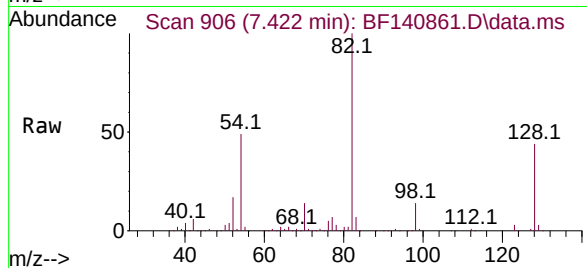
Tgt Ion: 82 Resp: 646998

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

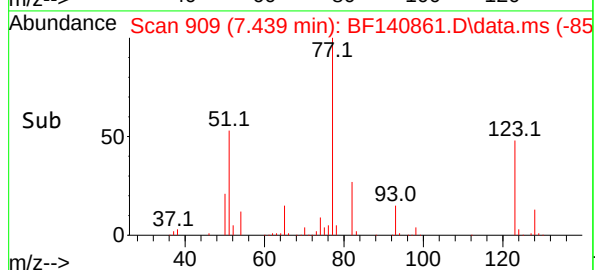
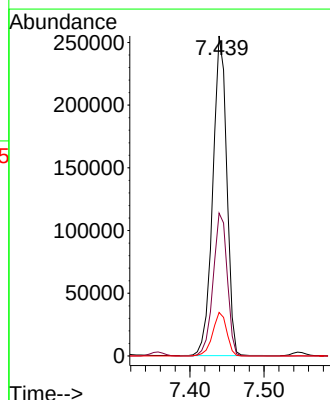
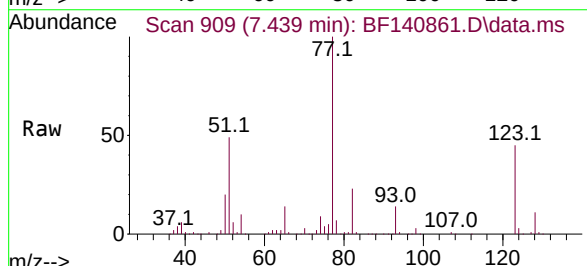
Tgt Ion: 77 Resp: 334236

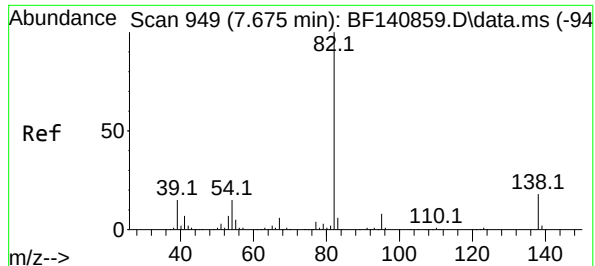
Ion Ratio Lower Upper

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# 91

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

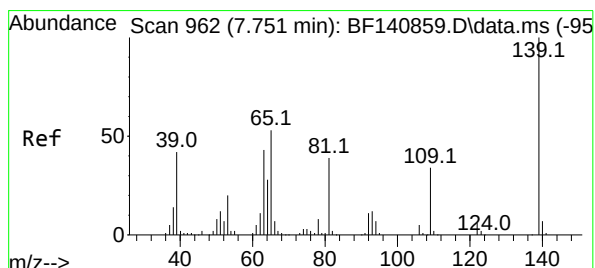
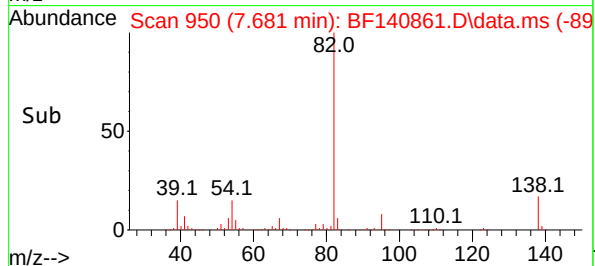
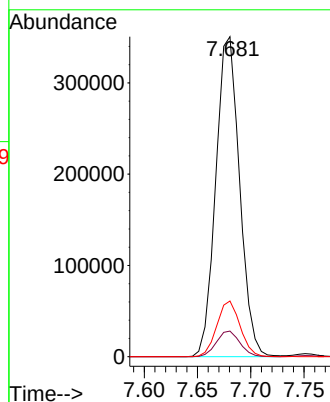
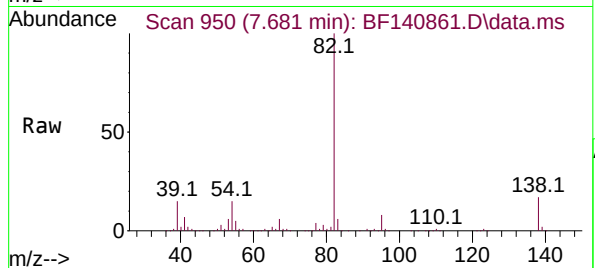
Tgt Ion: 82 Resp: 544844

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

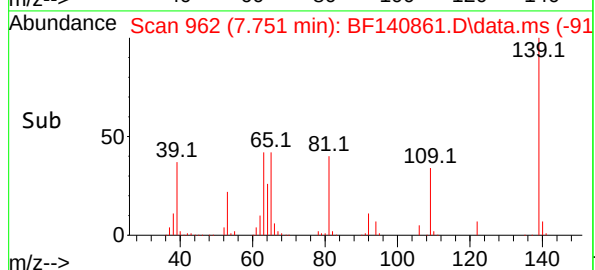
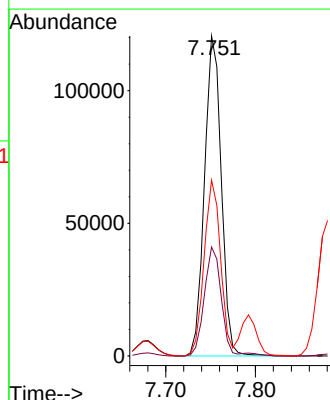
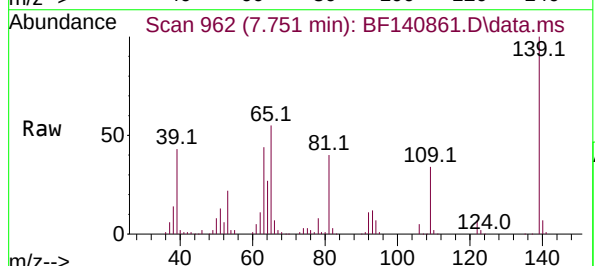
Tgt Ion:139 Resp: 156696

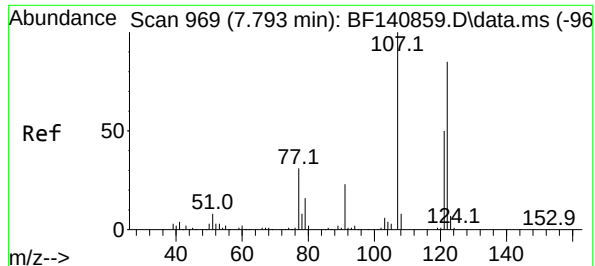
Ion Ratio Lower Upper

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# 90

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

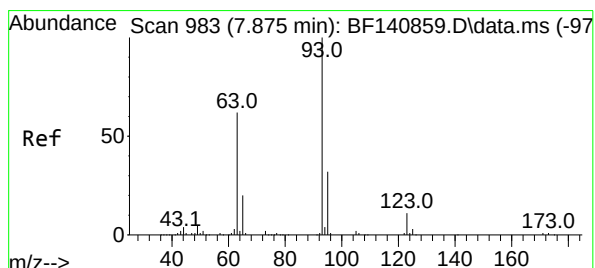
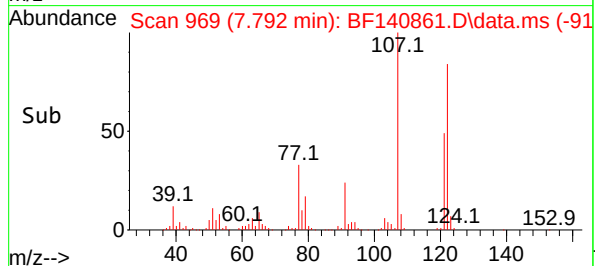
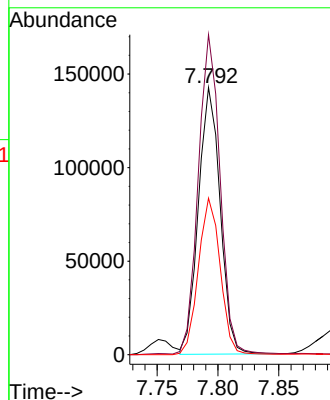
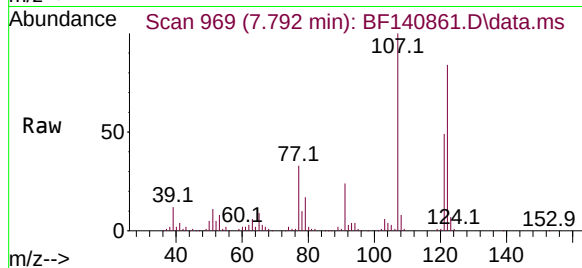
Tgt Ion:122 Resp: 177170

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

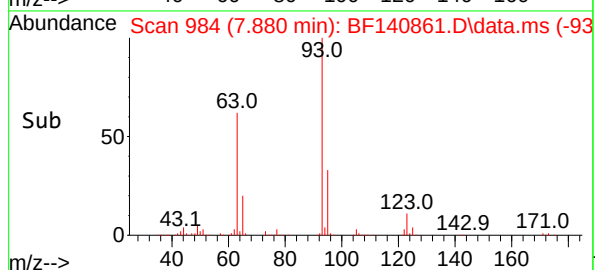
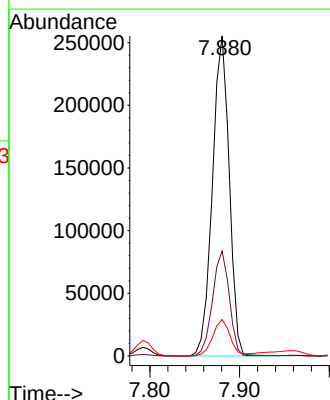
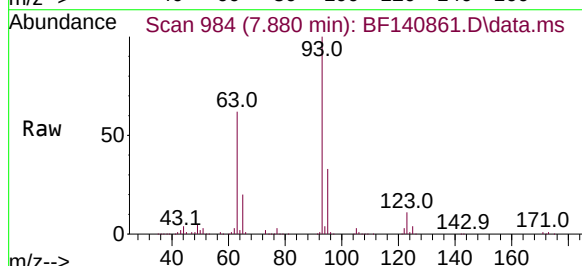
Tgt Ion: 93 Resp: 332048

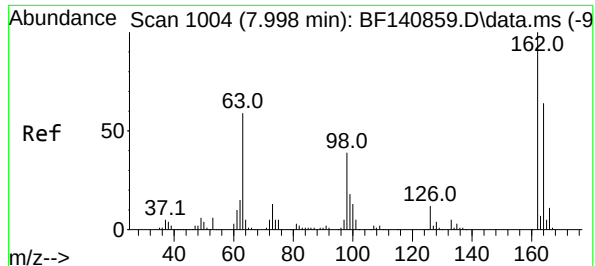
Ion Ratio Lower Upper

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# 1005

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

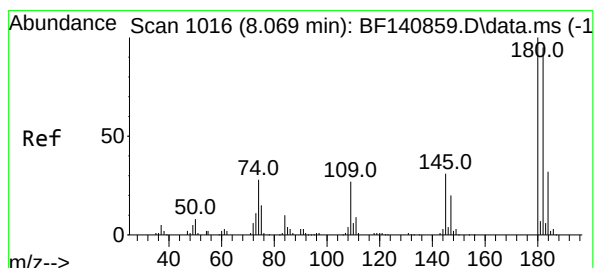
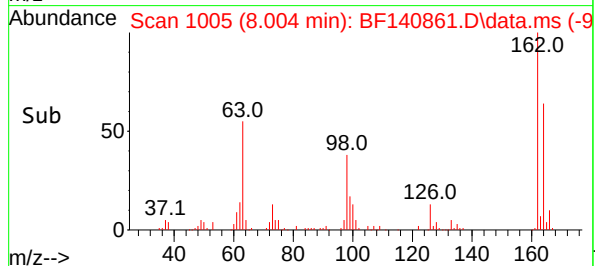
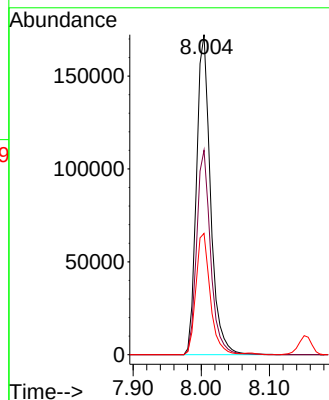
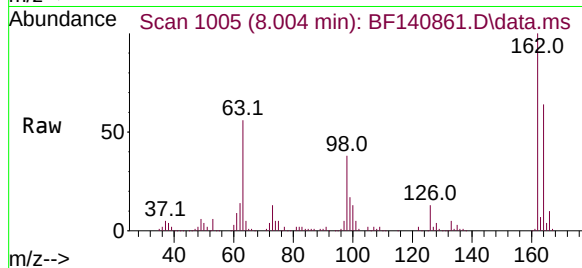
Tgt Ion:162 Resp: 246376

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

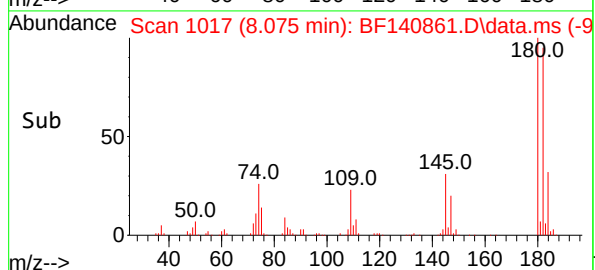
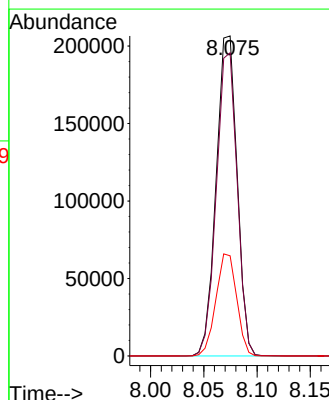
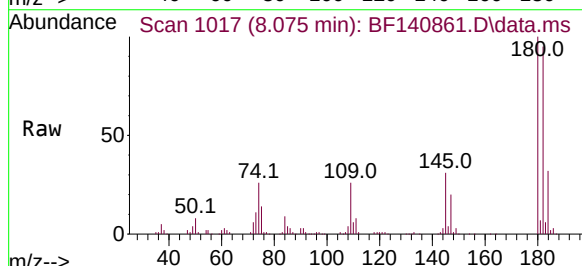
Tgt Ion:180 Resp: 281649

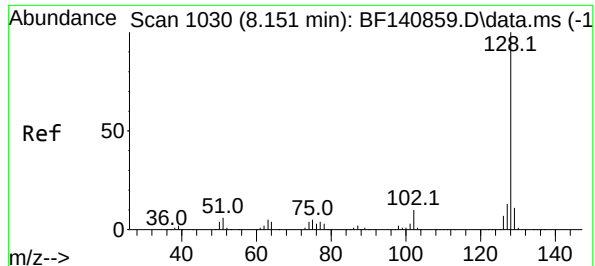
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 31.3 25.2 37.8

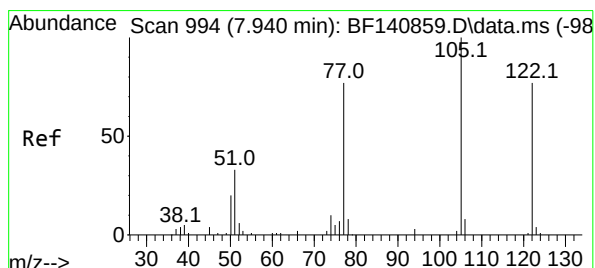
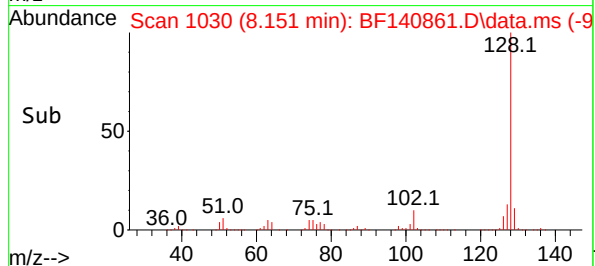
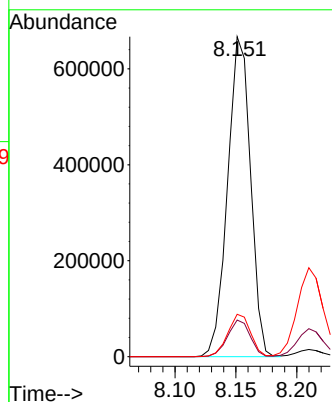
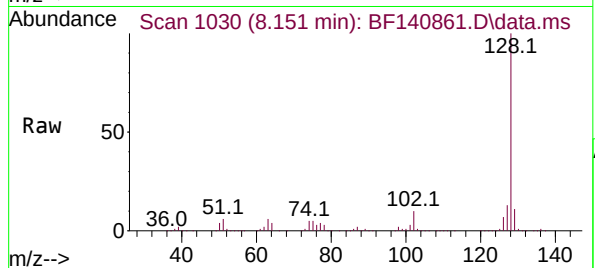




#31
Naphthalene
Concen: 61.360 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

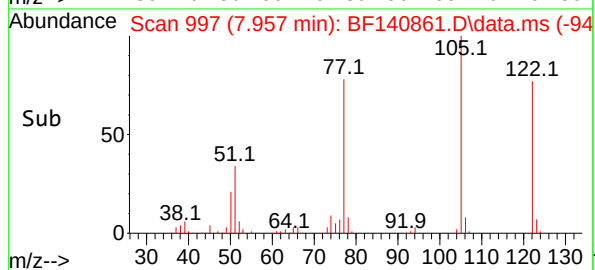
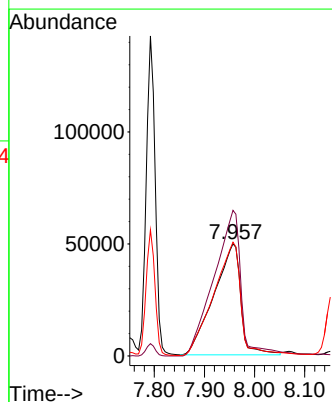
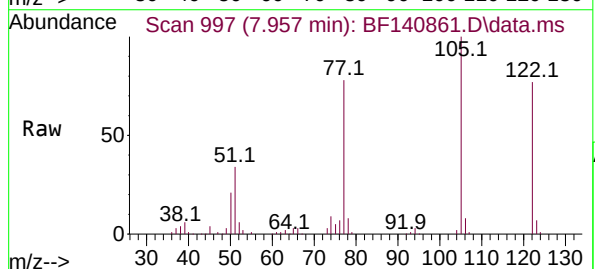
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

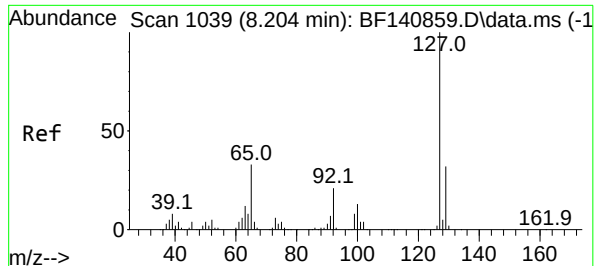
Tgt Ion:128 Resp: 874776
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.3 10.6 16.0



#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# 1040

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

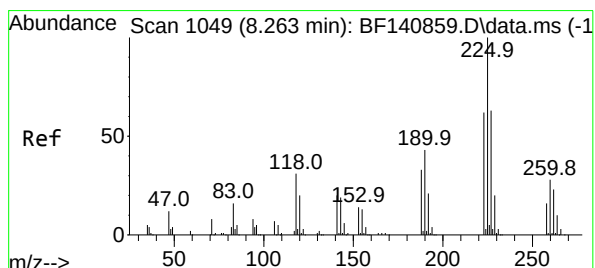
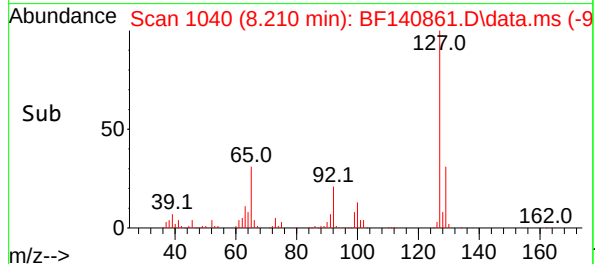
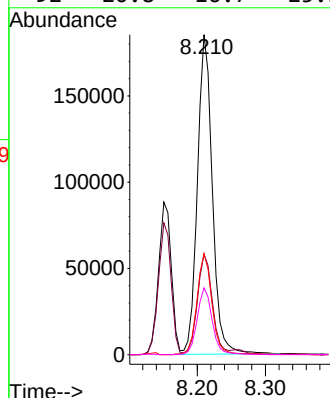
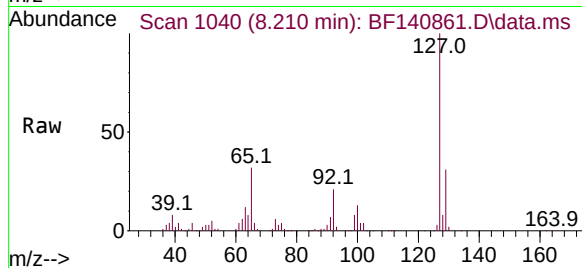
Ion Ratio Lower Upper

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

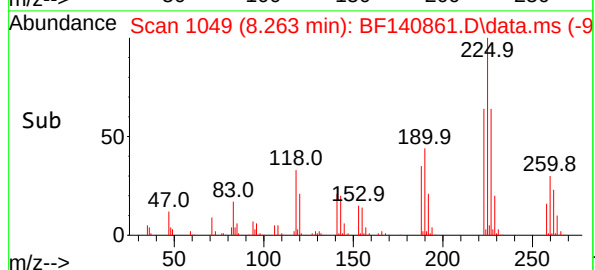
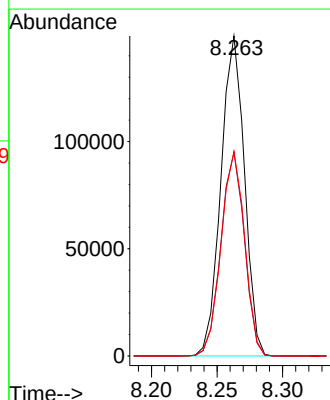
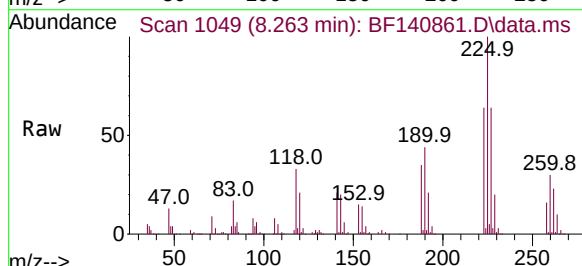
Tgt Ion:225 Resp: 185962

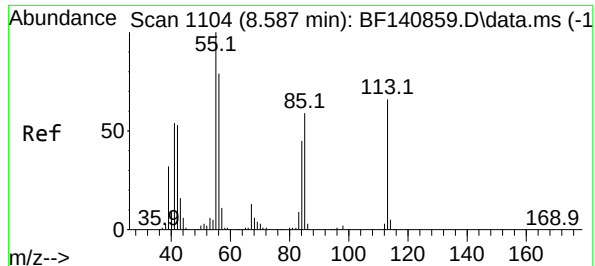
Ion Ratio Lower Upper

225 100

223 63.6 49.6 74.4

227 63.9 50.7 76.1

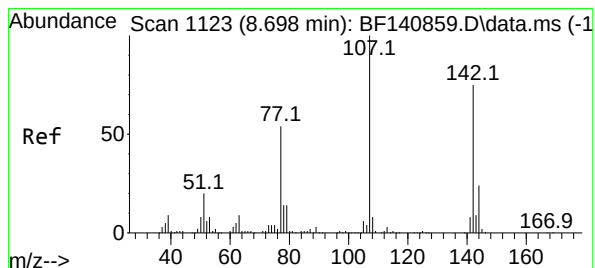
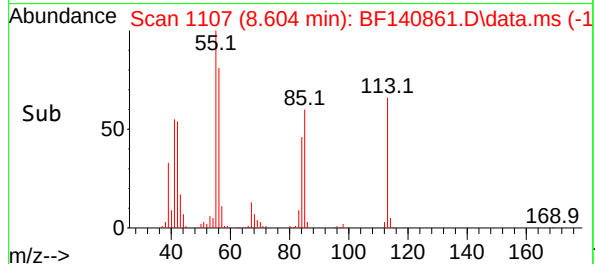
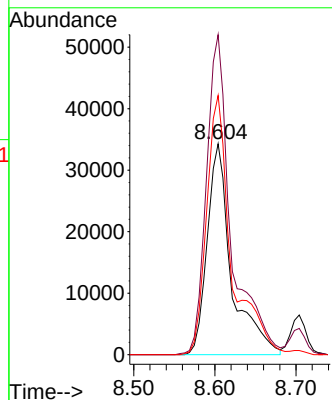
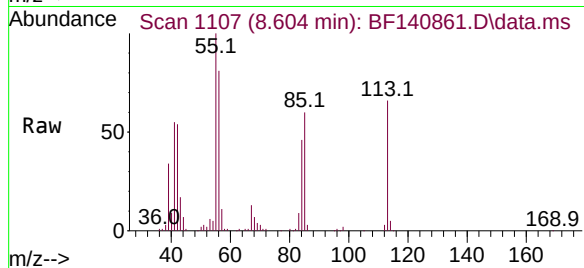




#35
Caprolactam
Concen: 60.761 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.017 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

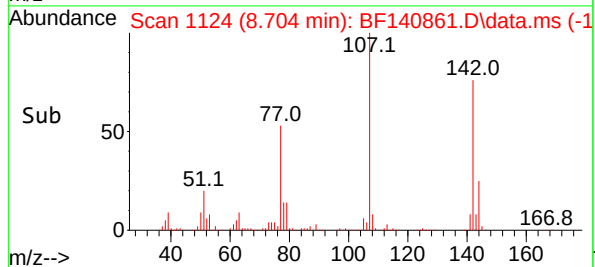
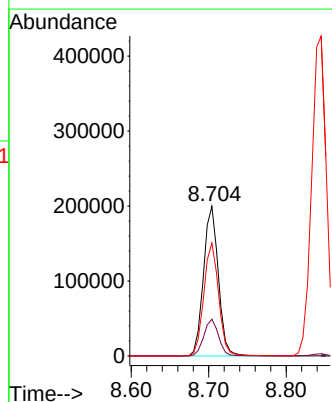
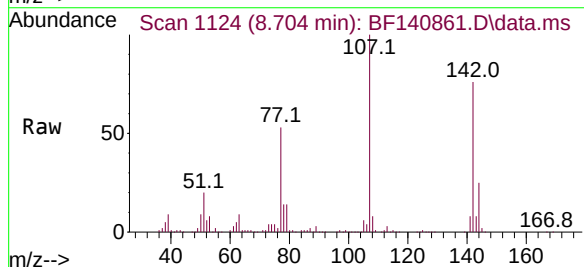
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

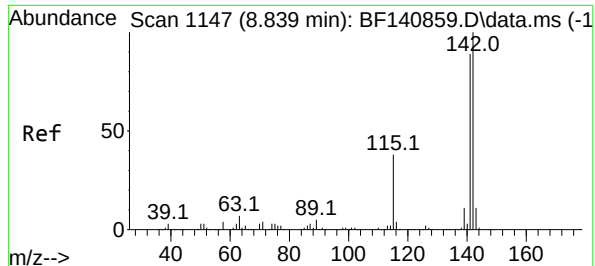
Tgt Ion:113 Resp: 71386
Ion Ratio Lower Upper
113 100
55 151.7 132.3 172.3
56 122.9 100.3 140.3



#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# 1148

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

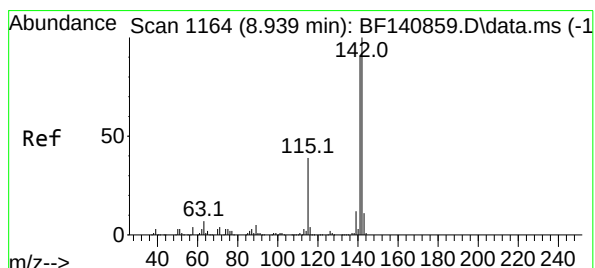
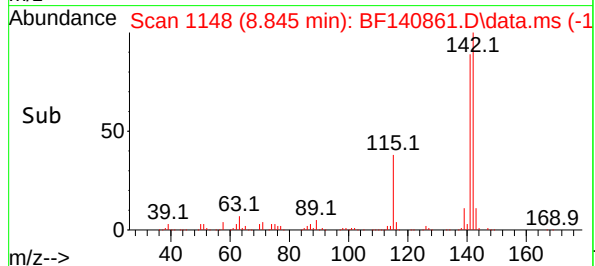
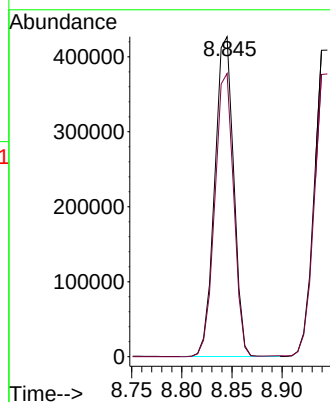
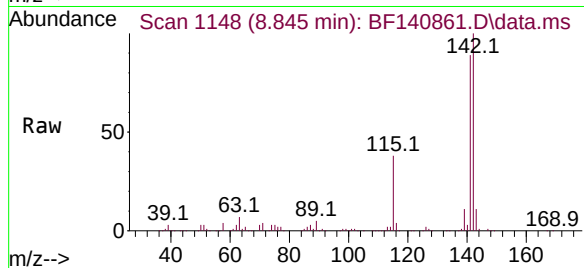
SSTDICC060

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

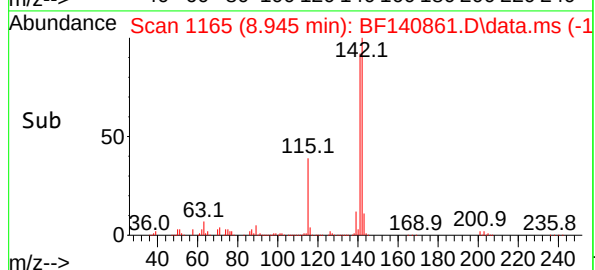
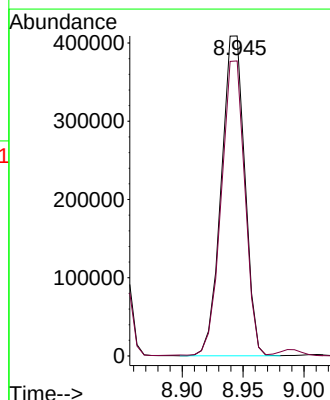
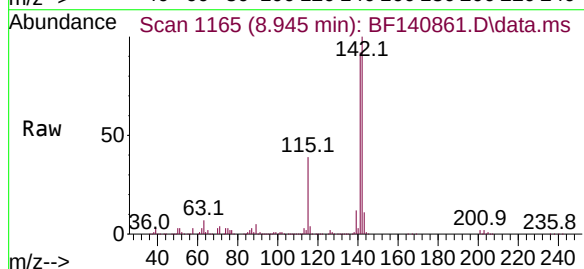
Acq: 16 Dec 2024 15:49

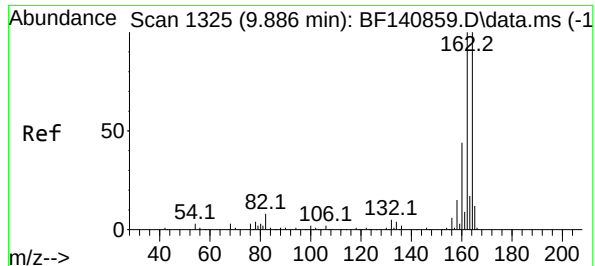
Tgt Ion:142 Resp: 550027

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# 1175

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

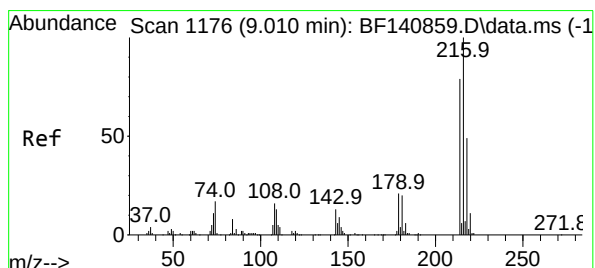
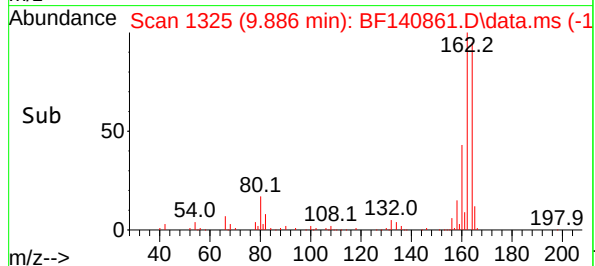
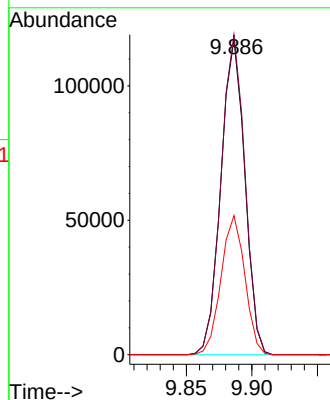
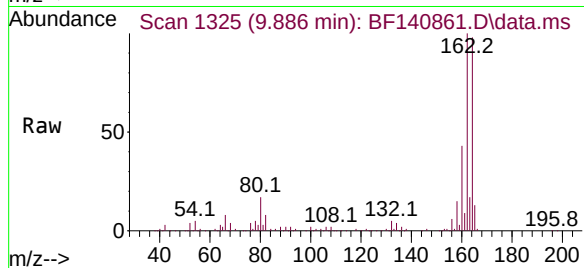
BNA_F

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

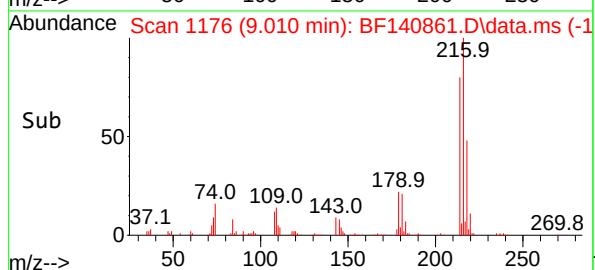
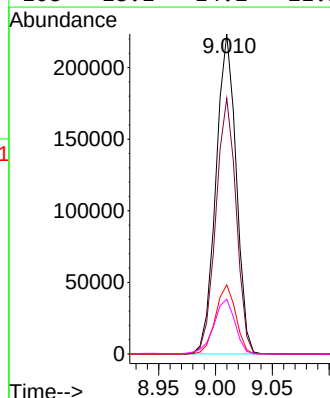
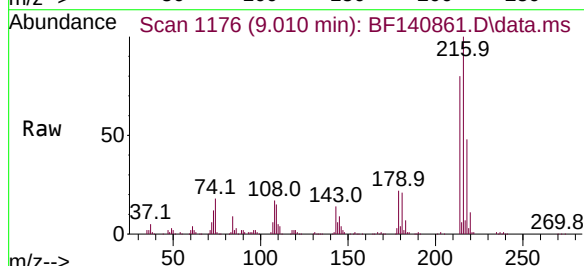
Delta R.T. -0.000 min

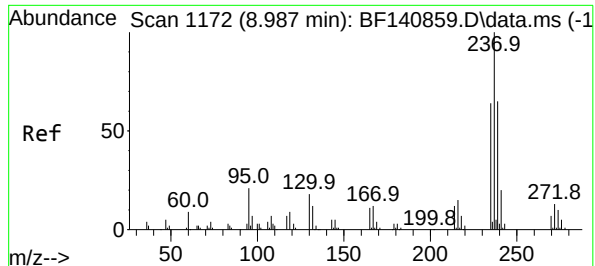
Lab File: BF140861.D

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

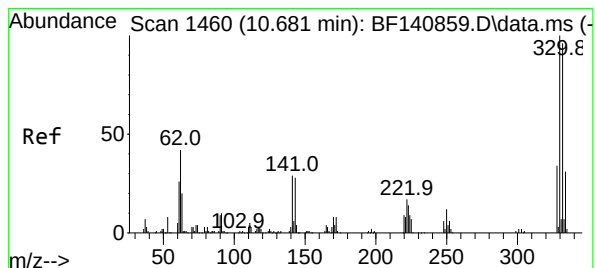
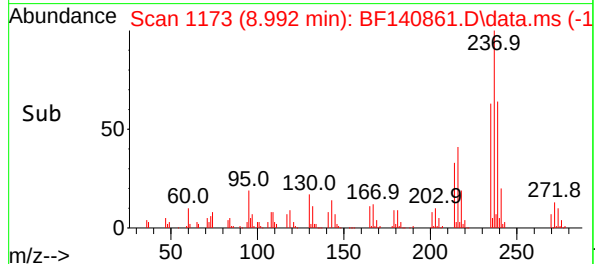
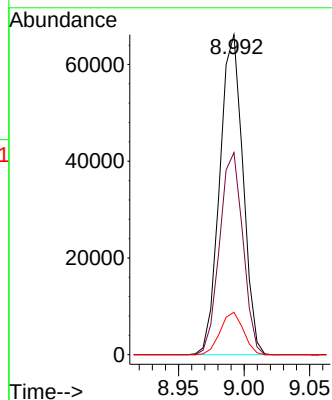
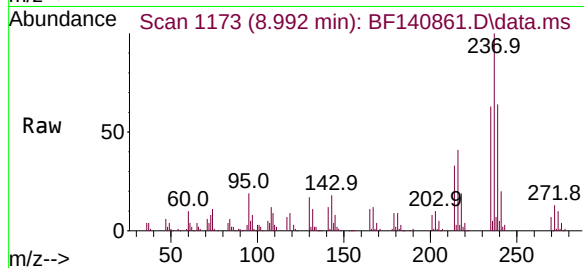




#41
Hexachlorocyclopentadiene
Concen: 60.032 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

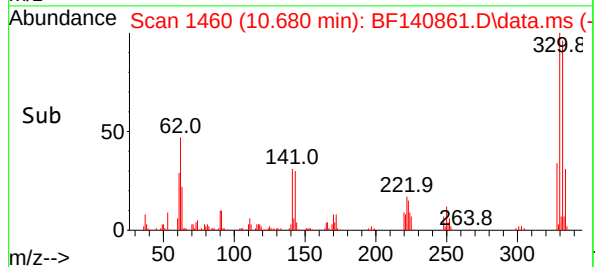
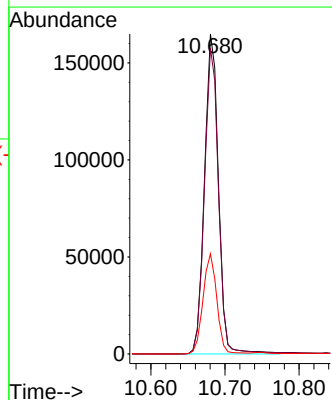
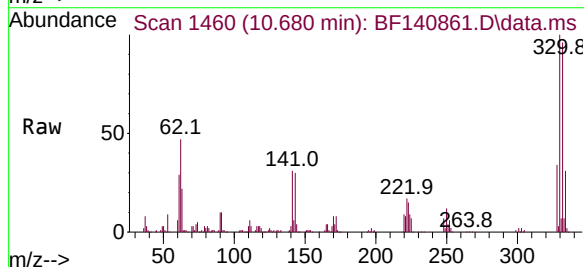
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

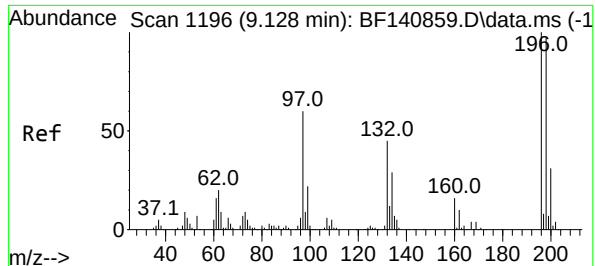
Tgt Ion:237 Resp: 81340
Ion Ratio Lower Upper
237 100
235 63.2 43.7 83.7
272 13.2 0.0 32.9



#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# 1196

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

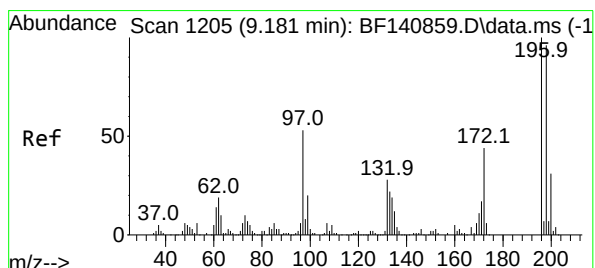
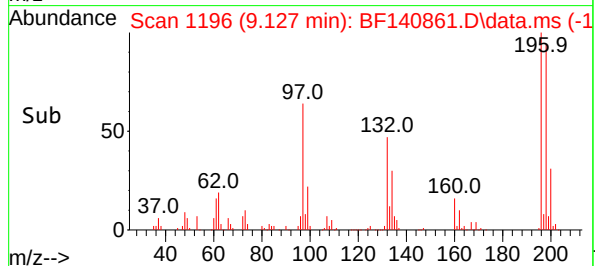
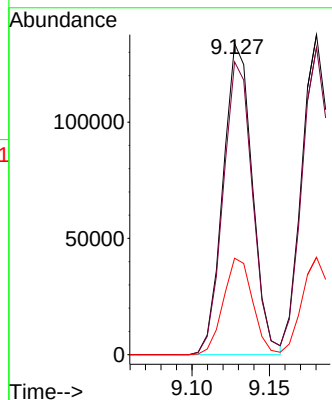
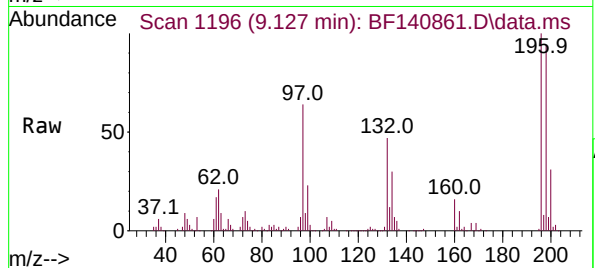
Tgt Ion:196 Resp: 176148

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

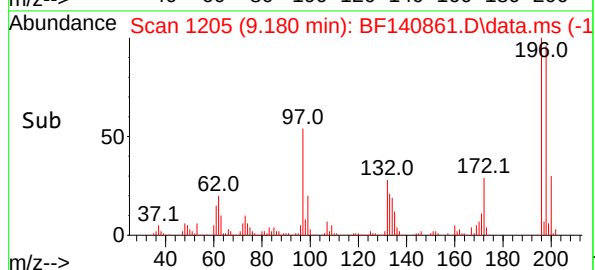
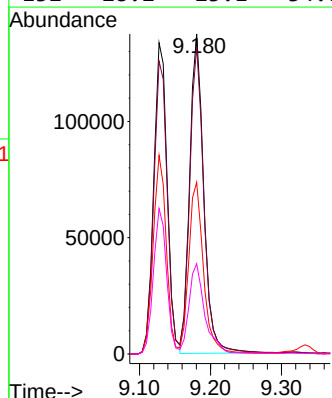
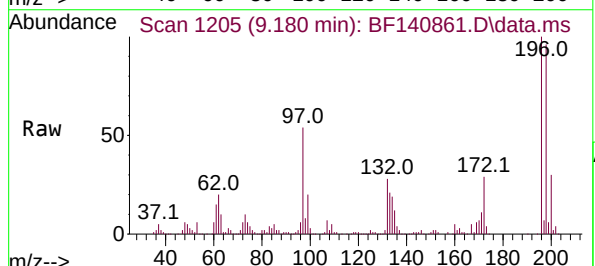
Ion Ratio Lower Upper

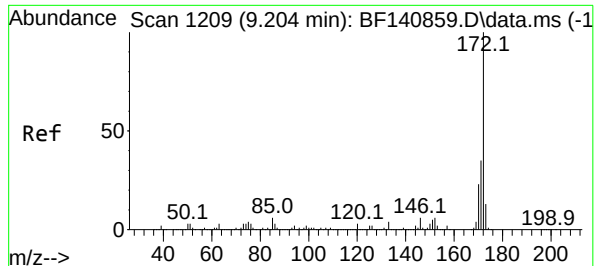
196 100

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# 1209

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

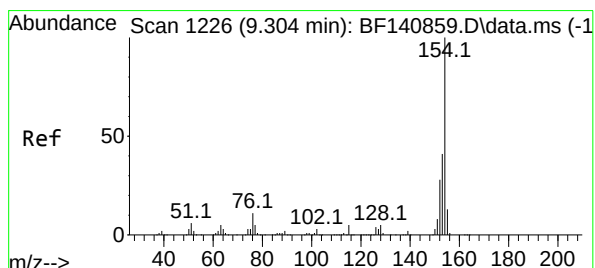
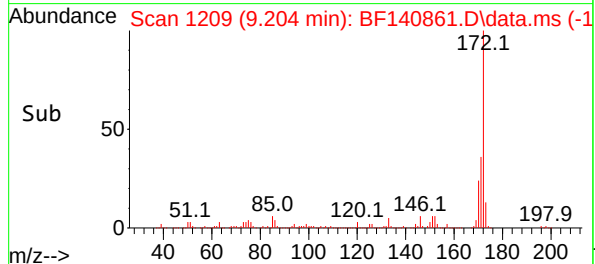
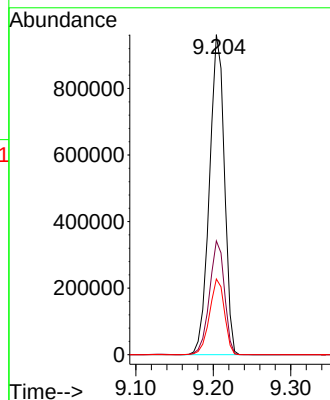
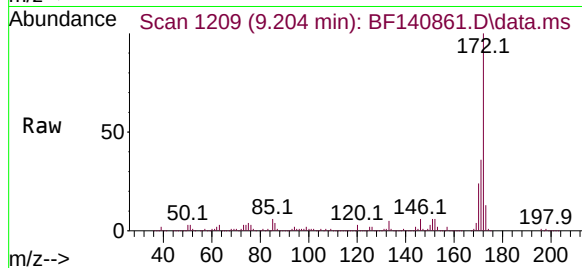
Tgt Ion:172 Resp: 1287749

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

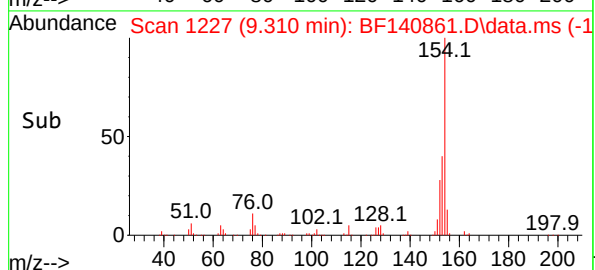
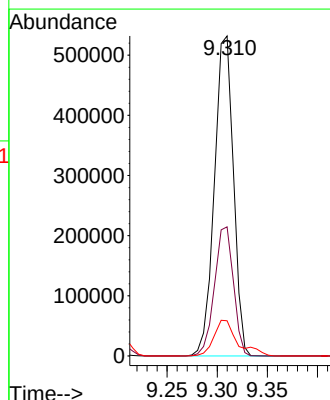
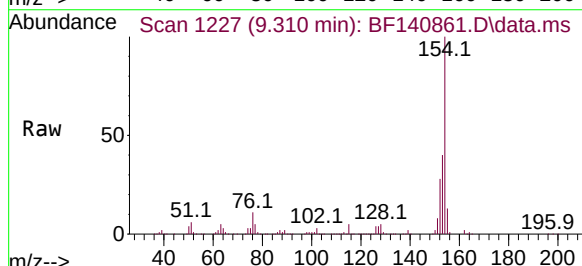
Tgt Ion:154 Resp: 701999

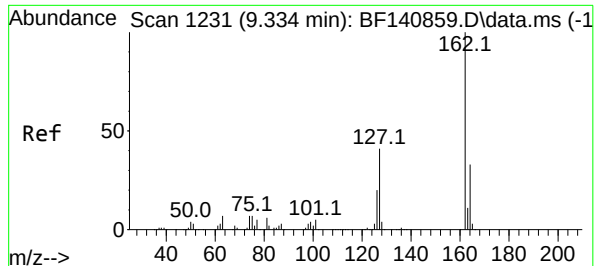
Ion Ratio Lower Upper

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# 1231

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

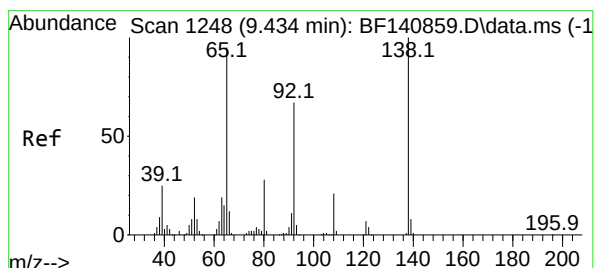
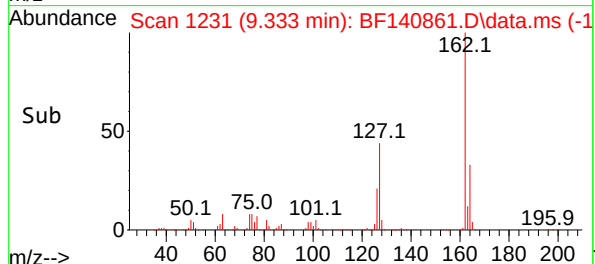
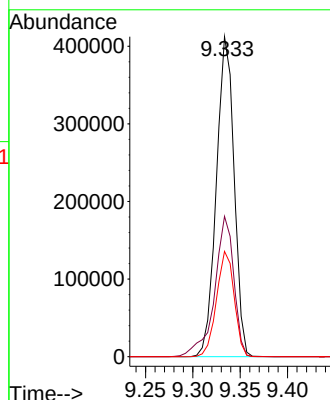
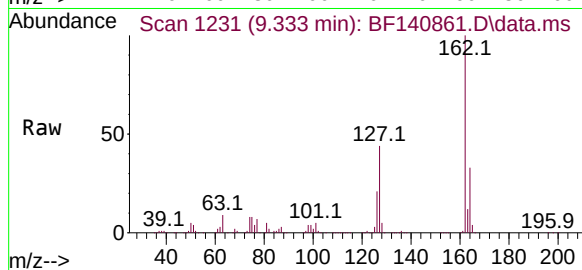
Tgt Ion:162 Resp: 537602

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

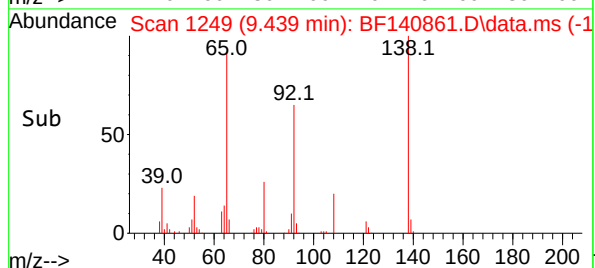
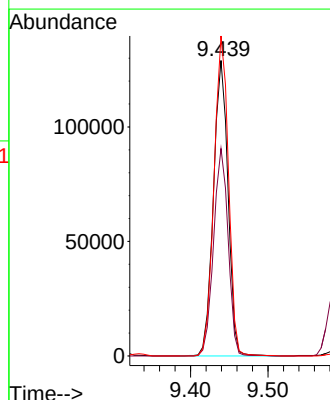
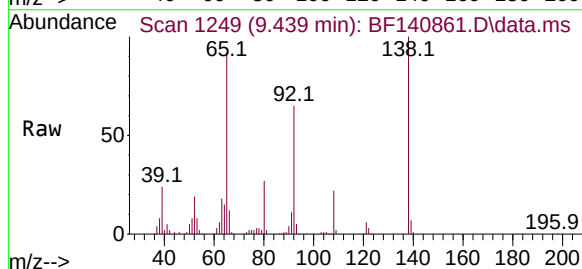
Tgt Ion: 65 Resp: 168378

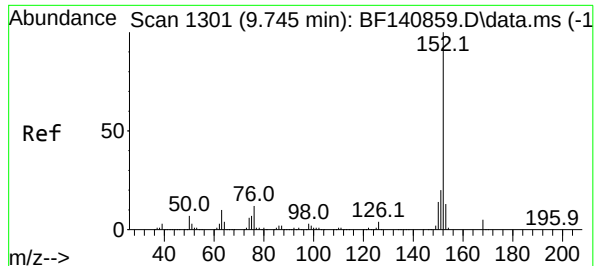
Ion Ratio Lower Upper

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# 11

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

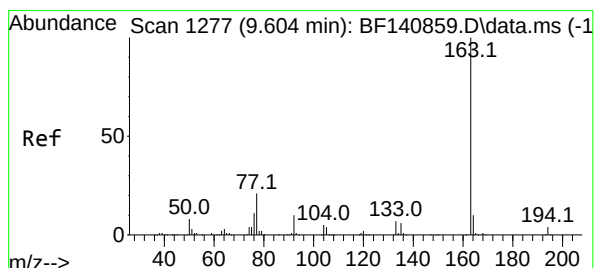
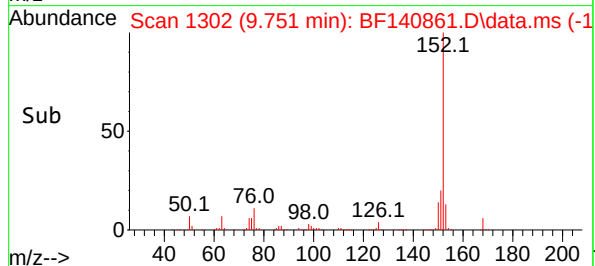
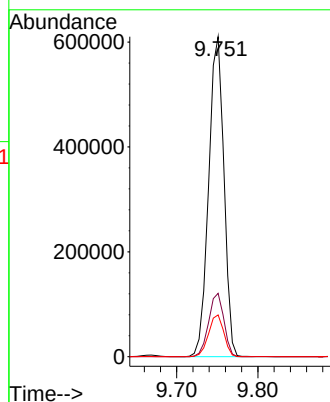
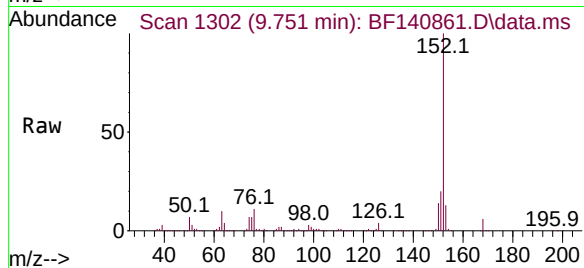
Tgt Ion:152 Resp: 794616

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

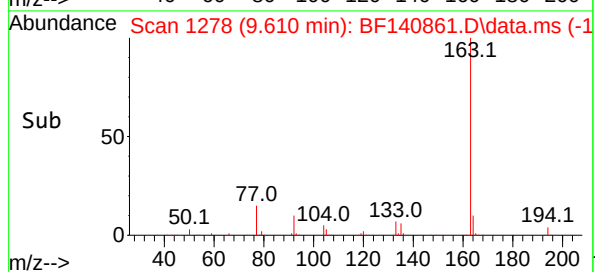
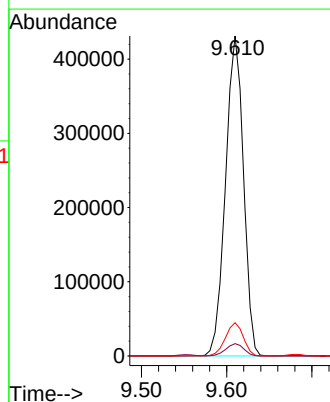
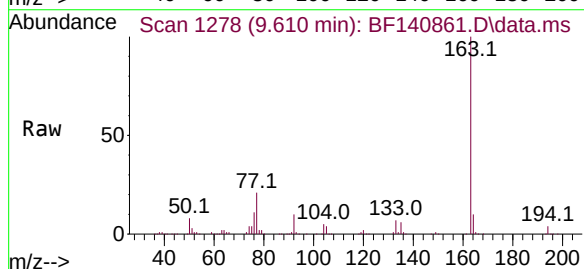
Tgt Ion:163 Resp: 631578

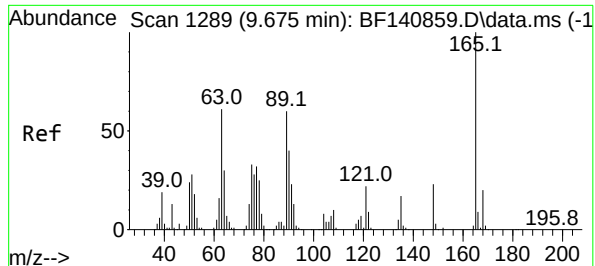
Ion Ratio Lower Upper

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# 11

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

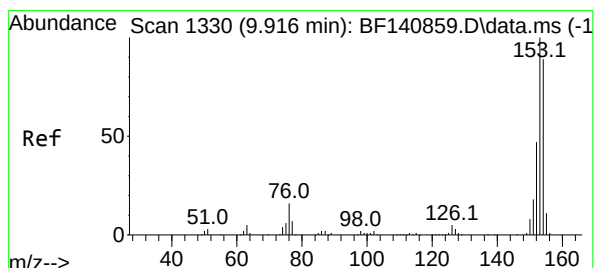
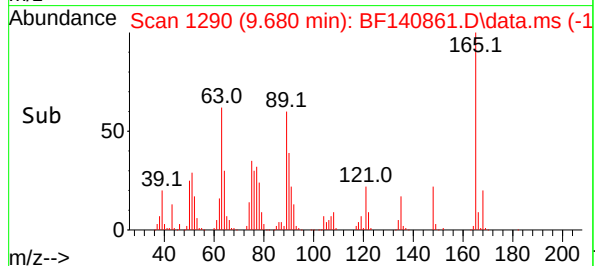
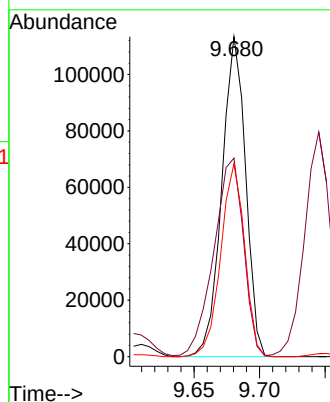
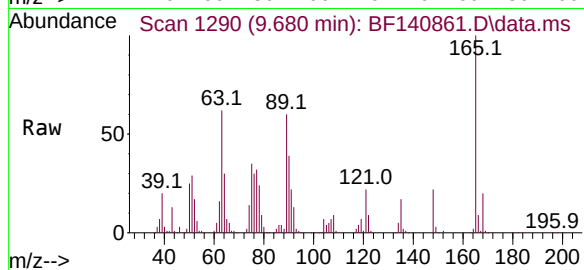
Tgt Ion:165 Resp: 143106

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

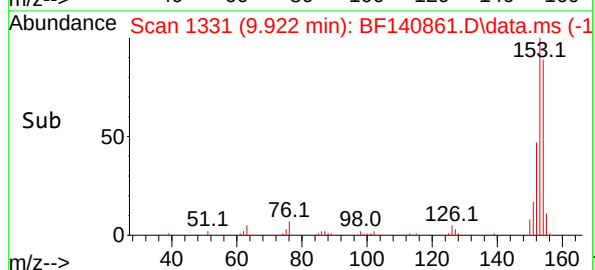
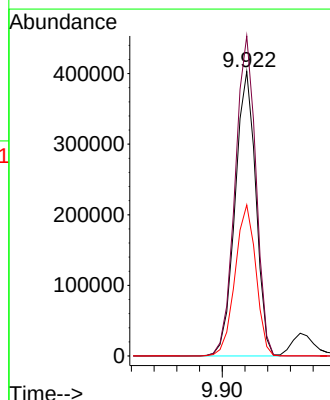
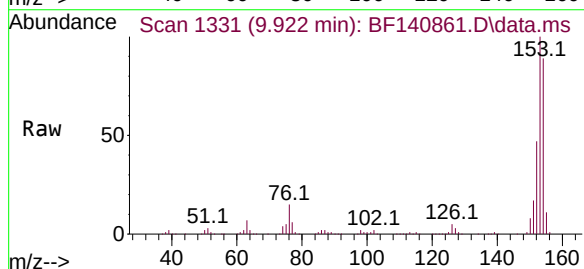
Tgt Ion:154 Resp: 511499

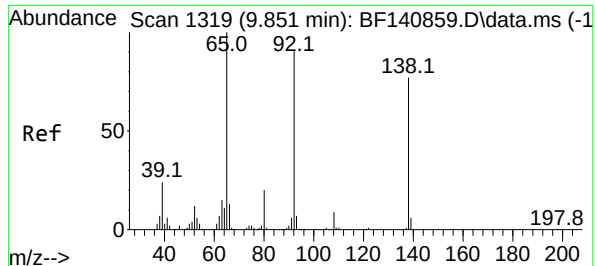
Ion Ratio Lower Upper

154 100

153 112.5 89.9 134.9

152 53.1 42.6 63.8

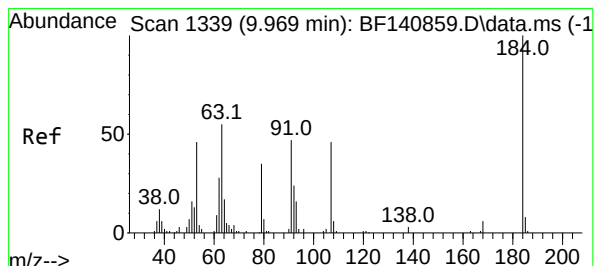
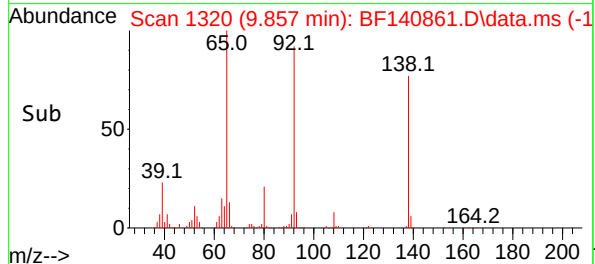
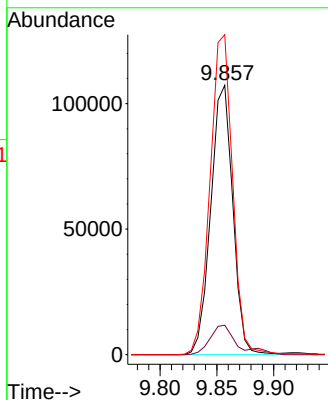
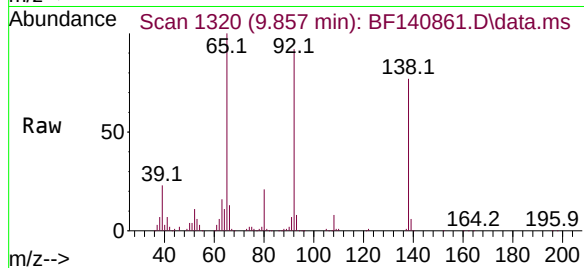




#53
3-Nitroaniline
Concen: 60.971 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

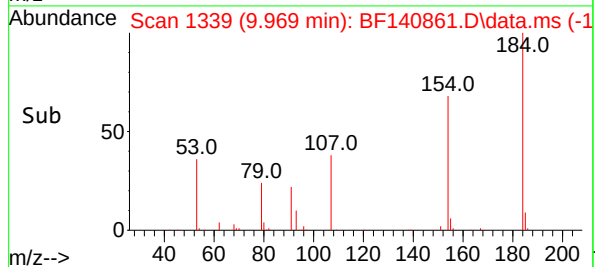
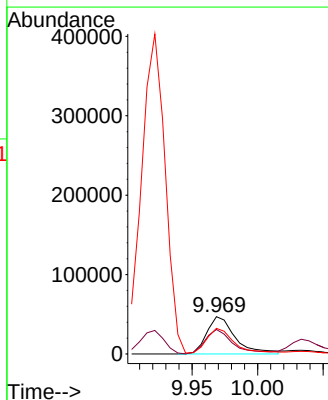
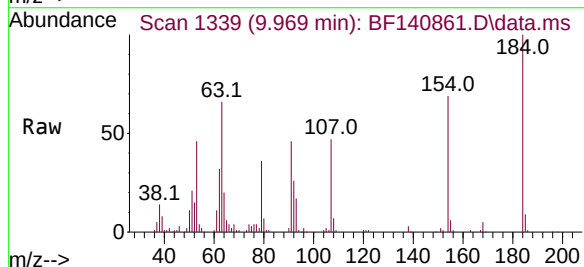
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

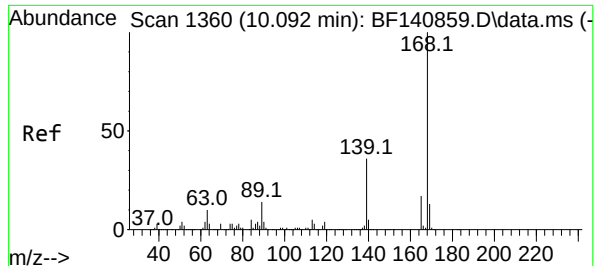
Tgt Ion:138 Resp: 144867
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 118.7 95.5 143.3



#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

Dibenzenofuran

Concen: 59.193 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

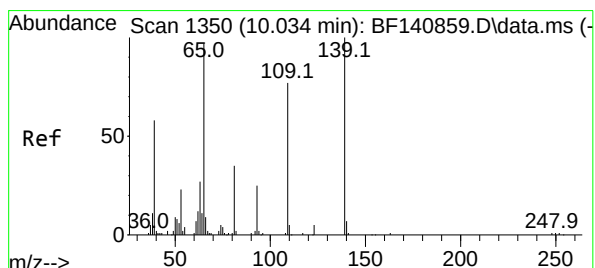
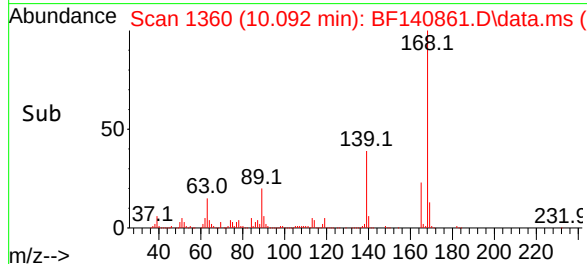
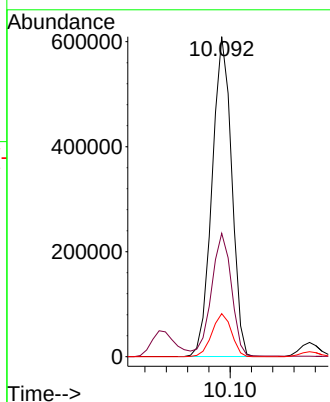
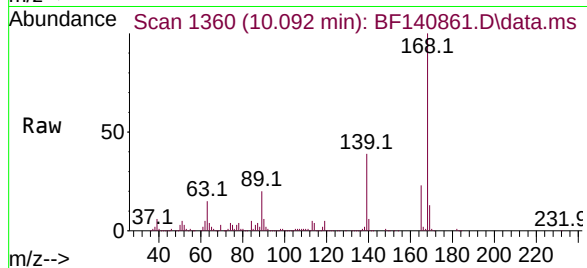
Tgt Ion:168 Resp: 778085

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

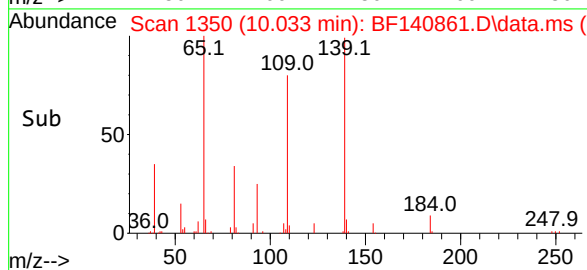
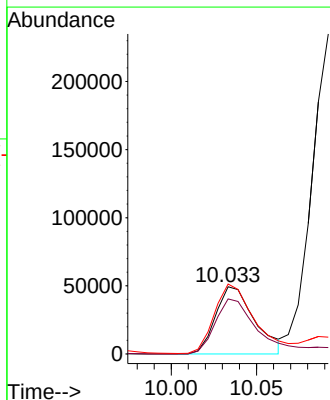
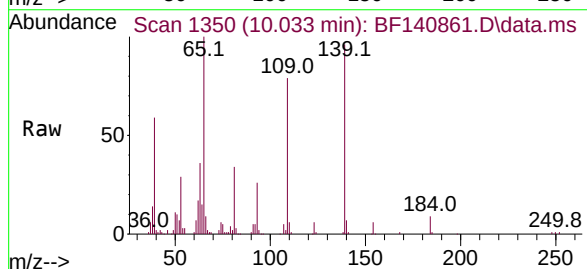
Tgt Ion:139 Resp: 78468

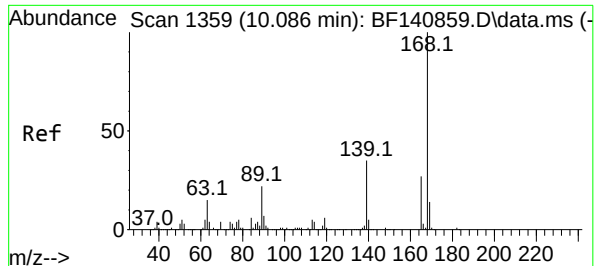
Ion Ratio Lower Upper

139 100

109 81.8 56.7 96.7

65 104.1 78.1 118.1

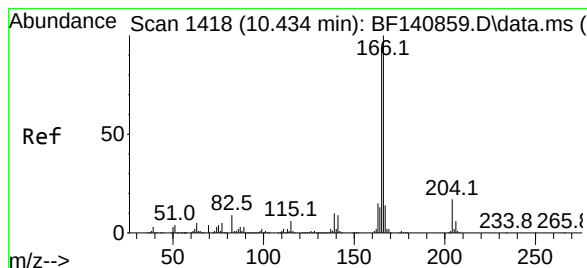
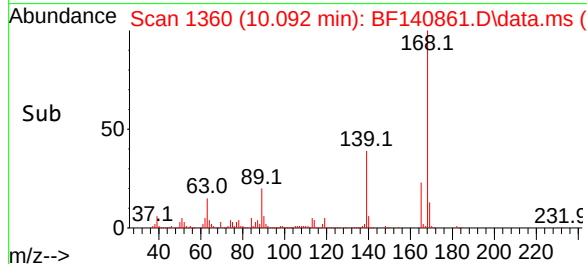
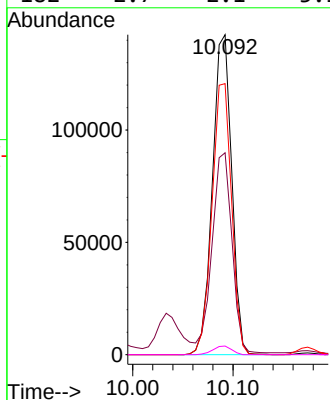
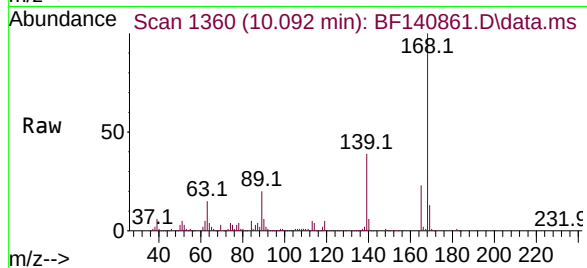




#57
2,4-Dinitrotoluene
Concen: 60.246 ng
RT: 10.092 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

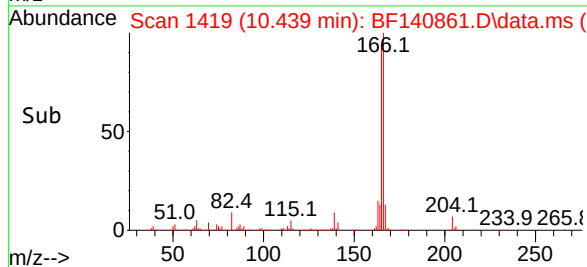
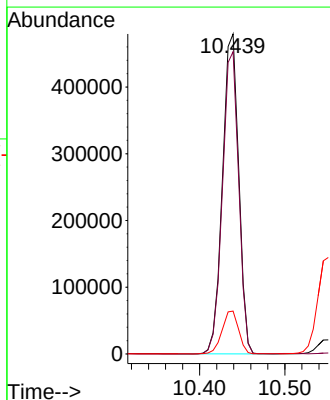
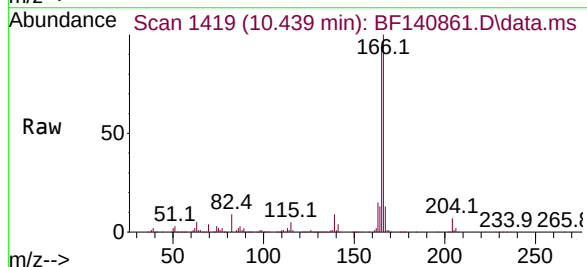
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

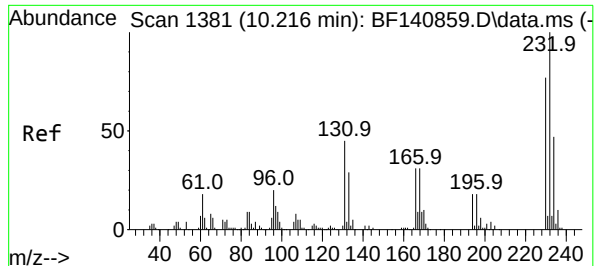
Tgt Ion:165 Resp: 189784
Ion Ratio Lower Upper
165 100
63 63.1 49.3 73.9
89 84.7 66.2 99.4
182 2.7 2.1 3.1



#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

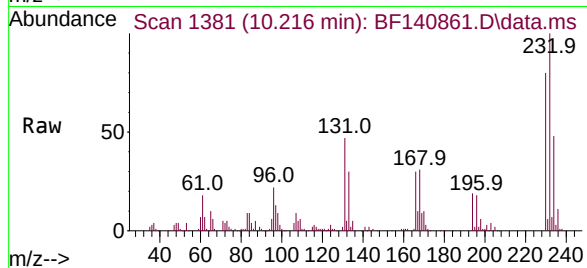
Tgt Ion:166 Resp: 634898
Ion Ratio Lower Upper
166 100
165 94.5 75.1 112.7
167 13.4 11.1 16.7



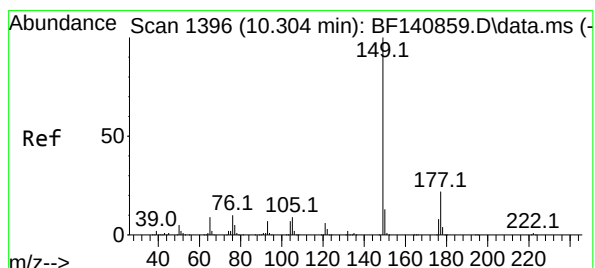
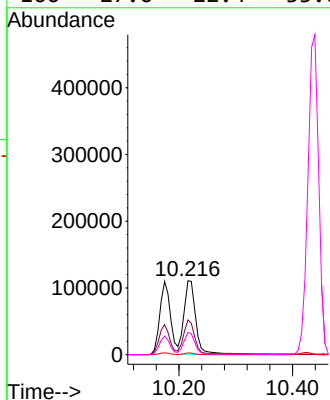
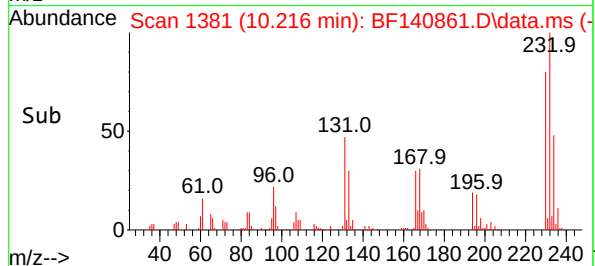


#59
2,3,4,6-Tetrachlorophenol
Concen: 63.281 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

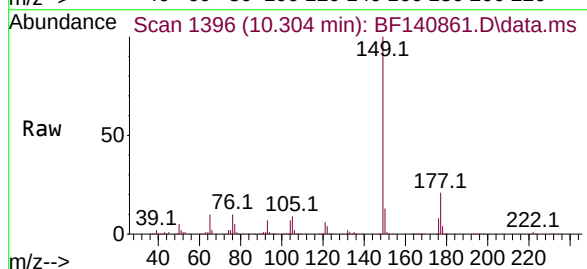
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



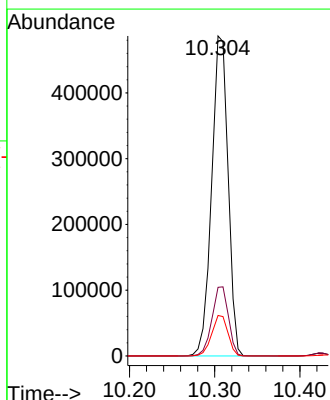
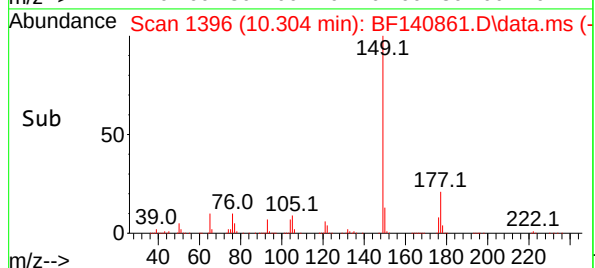
Tgt Ion:232 Resp: 158455
Ion Ratio Lower Upper
232 100
131 44.9 35.1 52.7
130 2.2 1.8 2.8
166 27.6 22.4 33.6

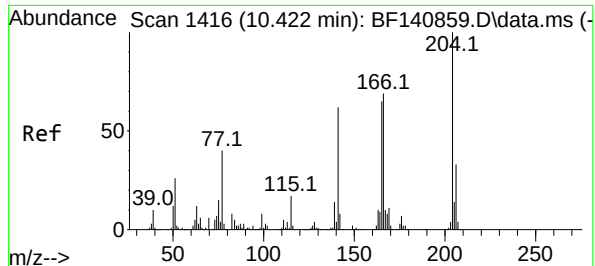


#60
Diethylphthalate
Concen: 59.961 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49



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

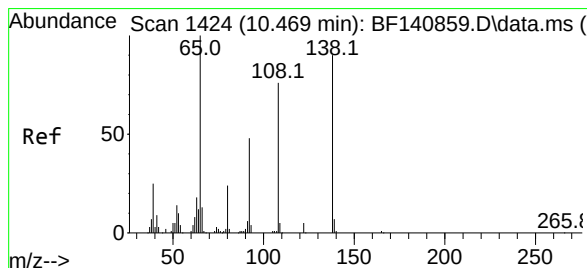
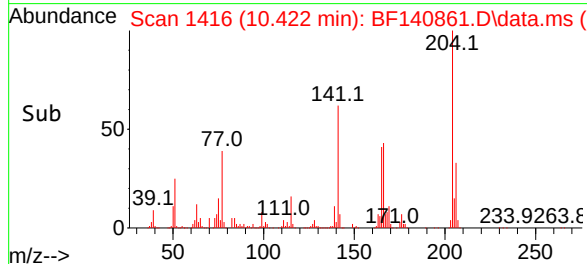
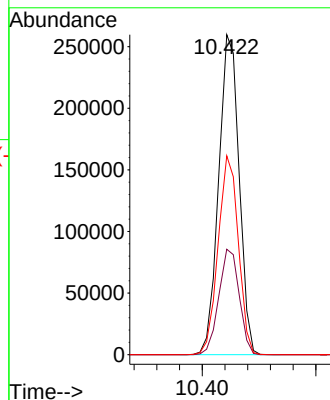
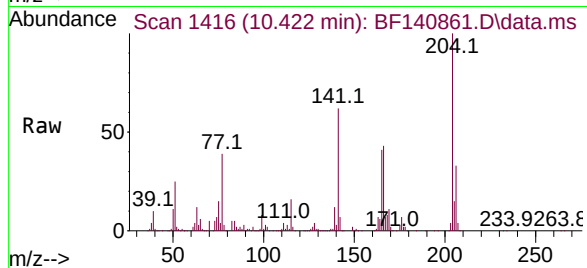




#61
4-Chlorophenyl-phenylether
Concen: 59.539 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

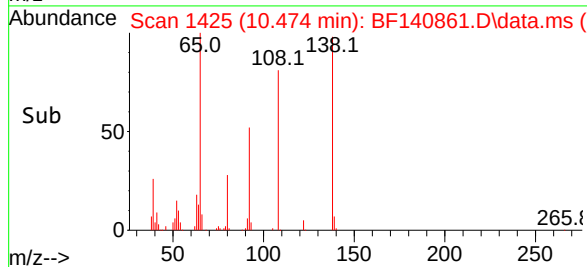
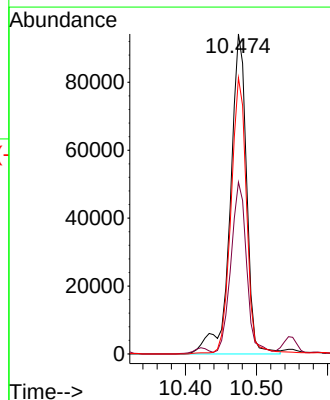
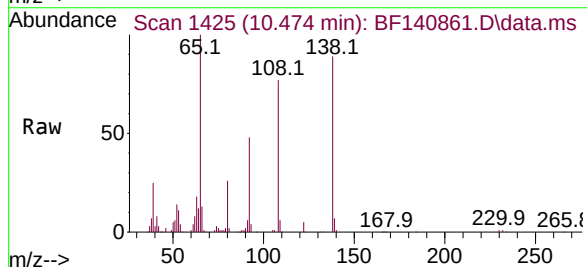
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

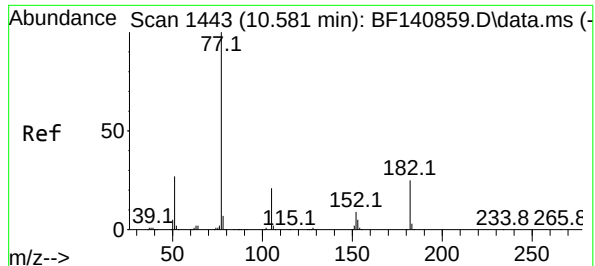
Tgt Ion:204 Resp: 324333
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 62.1 50.0 75.0



#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

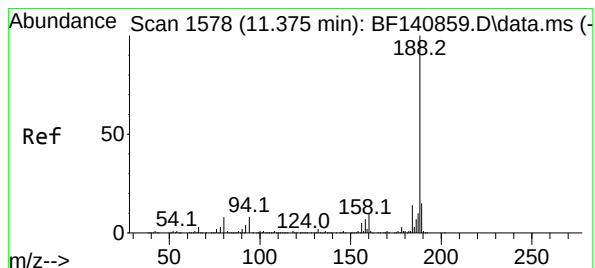
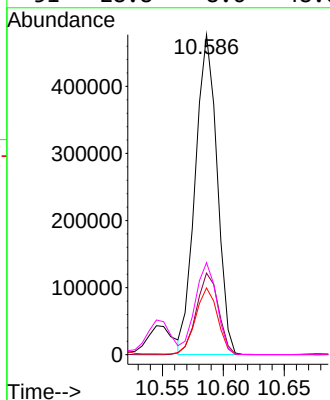
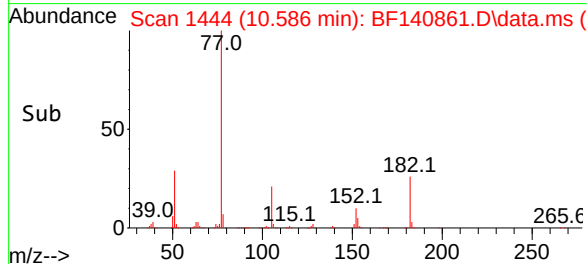
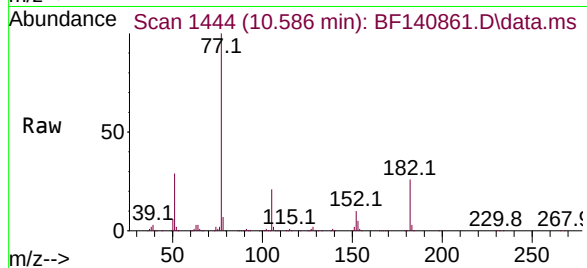




#63
Azobenzene
Concen: 58.245 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

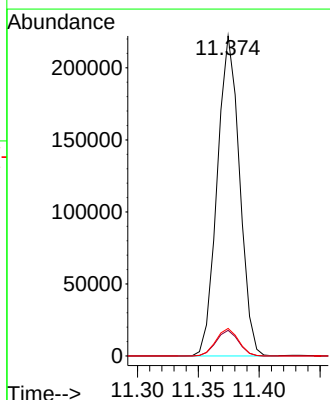
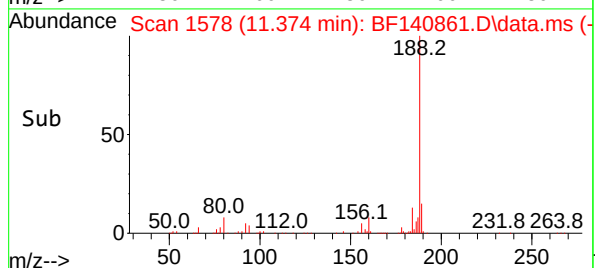
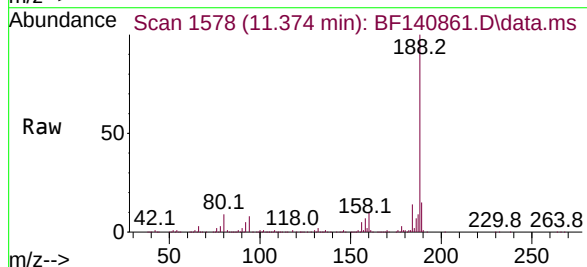
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

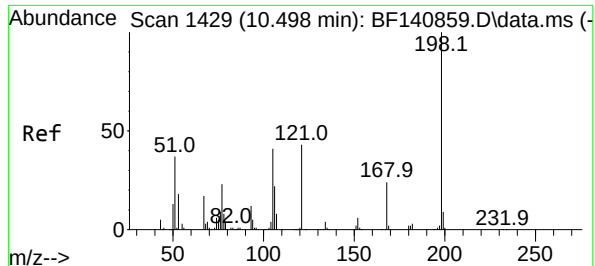
Tgt Ion: 77	Resp: 594674
Ion Ratio	Lower Upper
77	100
182	25.5 4.5 44.5
105	20.8 0.9 40.9
51	28.8 8.6 48.6



#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

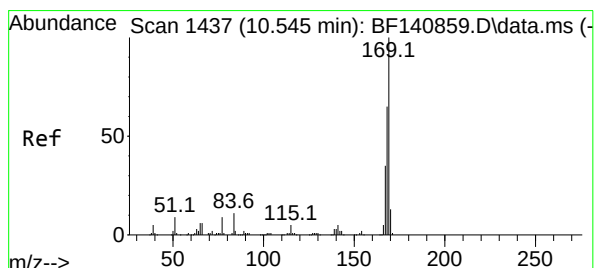
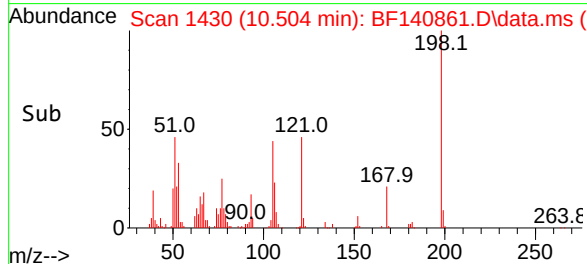
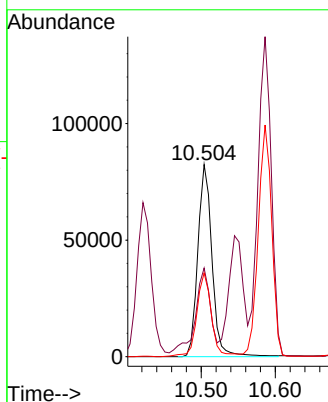
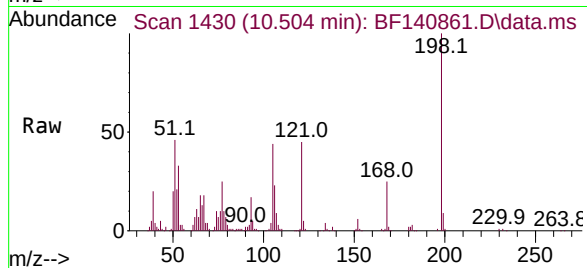




#65
4,6-Dinitro-2-methylphenol
Concen: 68.263 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

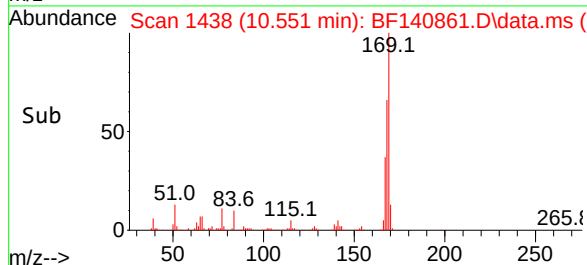
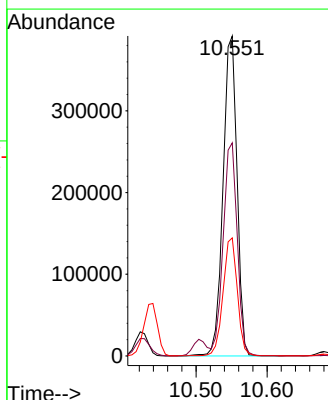
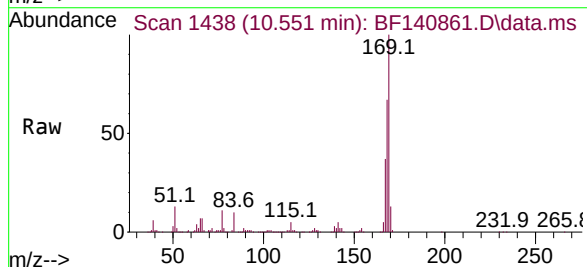
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

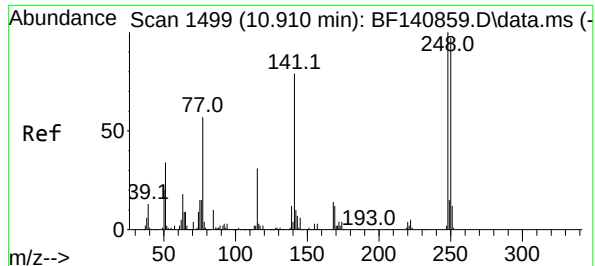
Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.2	24.4	64.4
105	43.6	22.1	62.1



#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	Ratio	Lower	Upper
169	100		
168	66.6	53.4	80.0
167	36.9	28.3	42.5

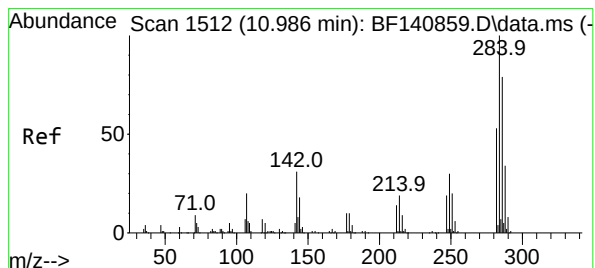
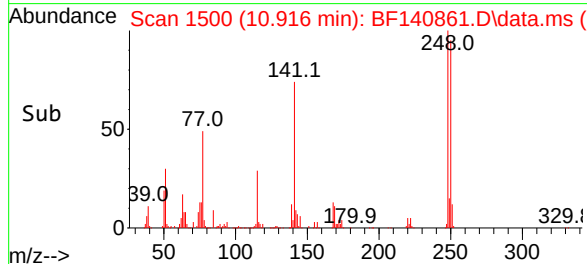
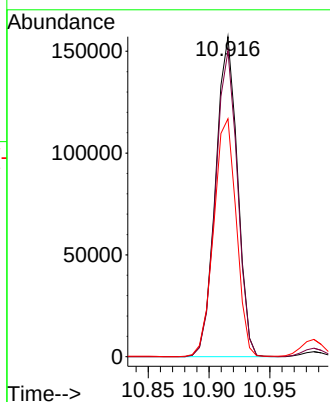
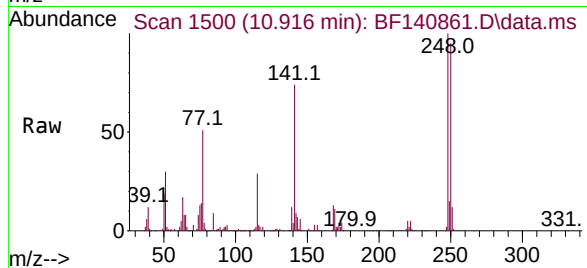




#67
4-Bromophenyl-phenylether
Concen: 61.907 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

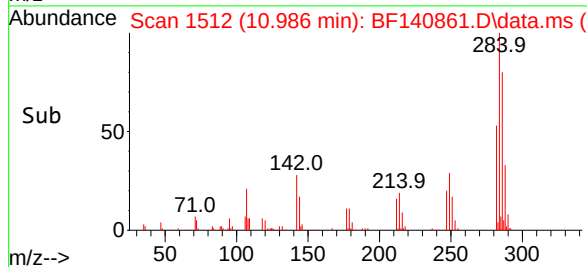
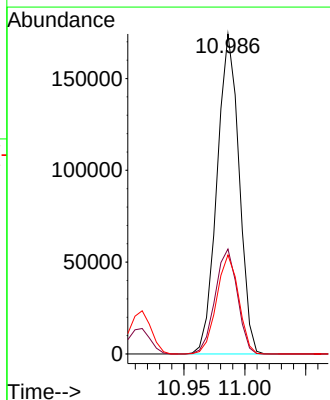
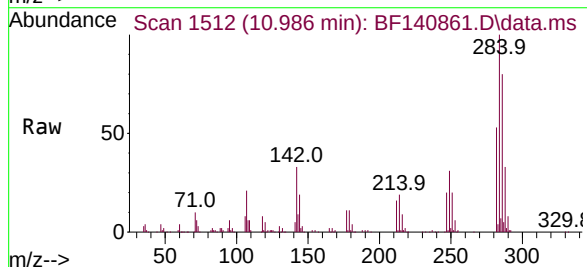
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

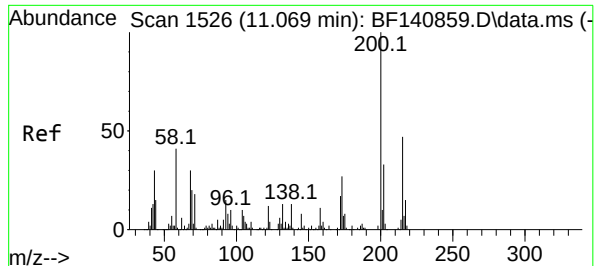
Tgt Ion:248 Resp: 196628
Ion Ratio Lower Upper
248 100
250 95.5 77.4 116.2
141 74.3 62.9 94.3



#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

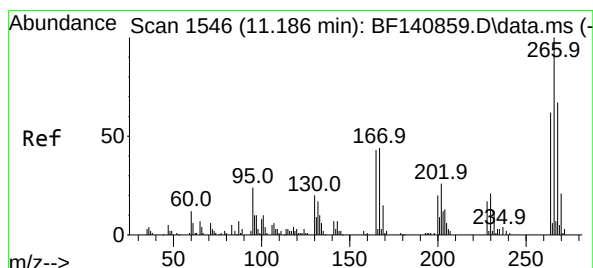
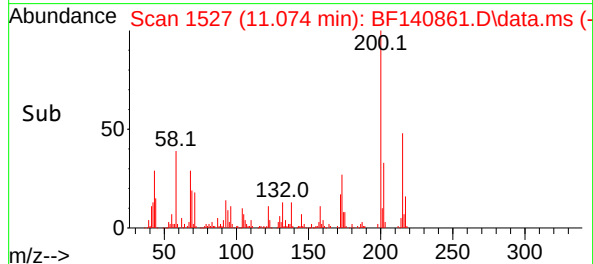
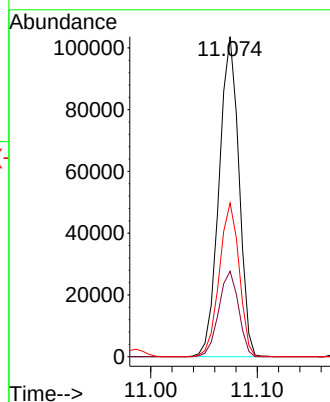
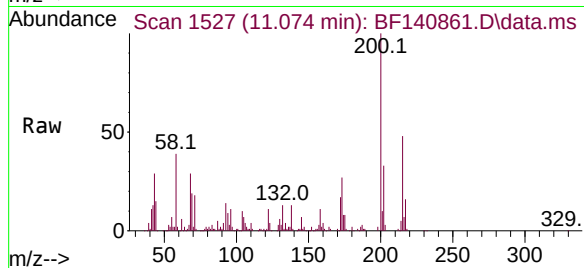




#69
Atrazine
Concen: 54.965 ng
RT: 11.074 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

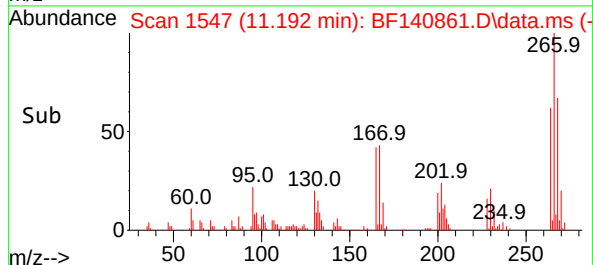
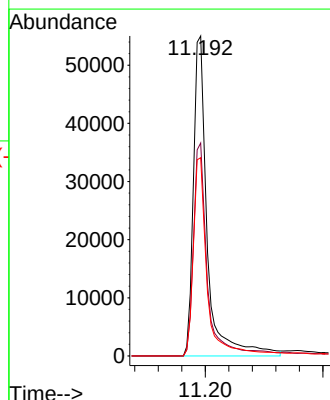
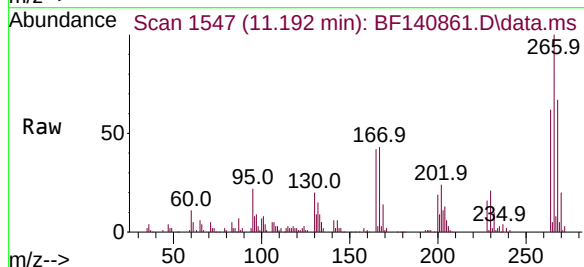
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

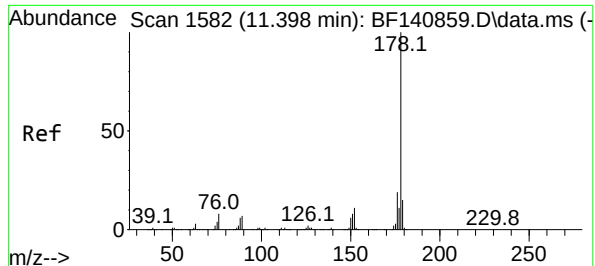
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.6	46.6
215	48.1	26.7	66.7



#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	Ratio	Lower	Upper
266	100		
268	66.6	54.0	81.0
264	62.0	49.4	74.2

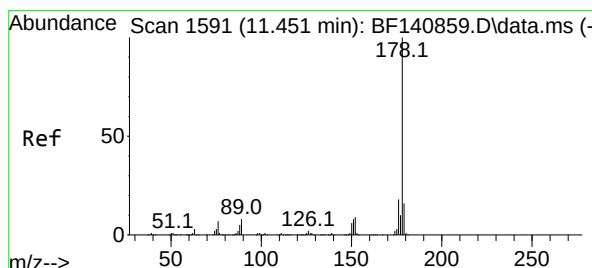
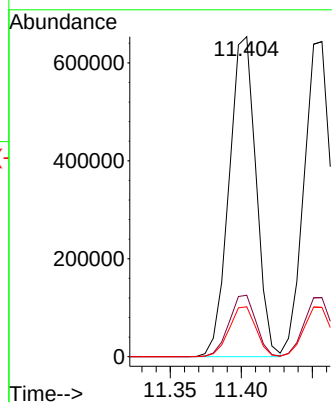
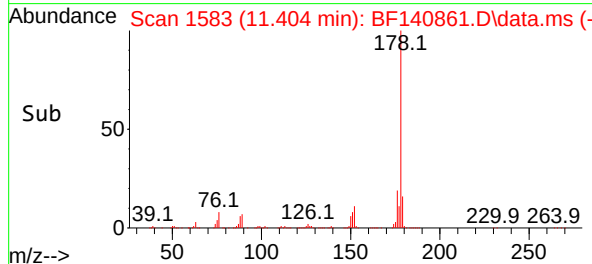
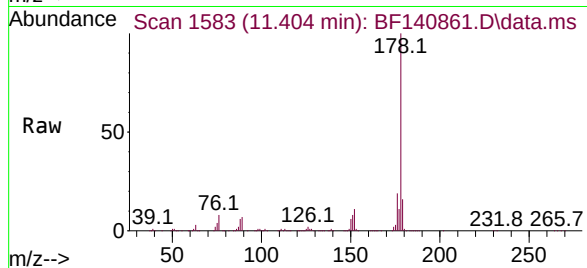




#71
Phenanthrene
Concen: 59.118 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

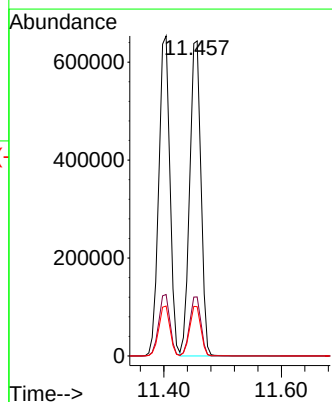
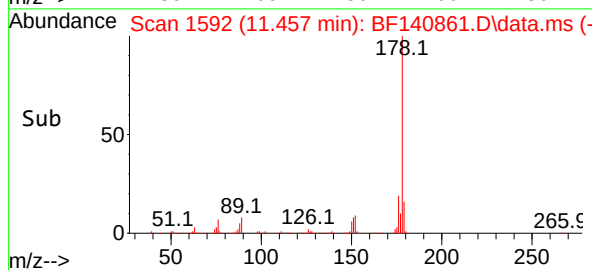
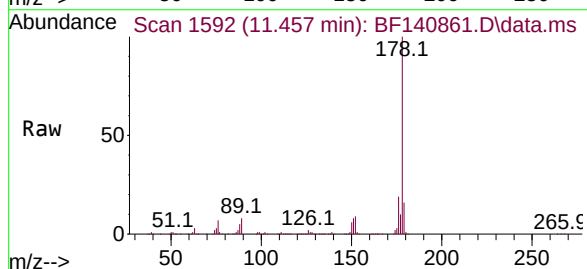
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

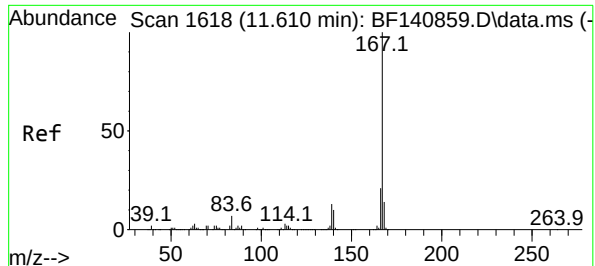
Tgt Ion:178 Resp: 863112
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.1 18.1



#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

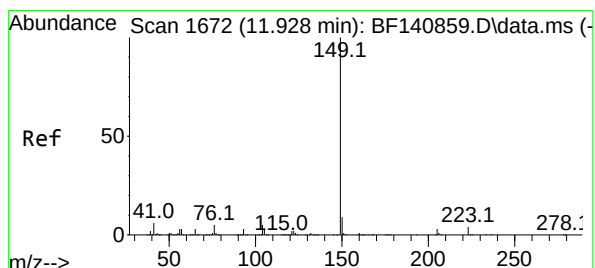
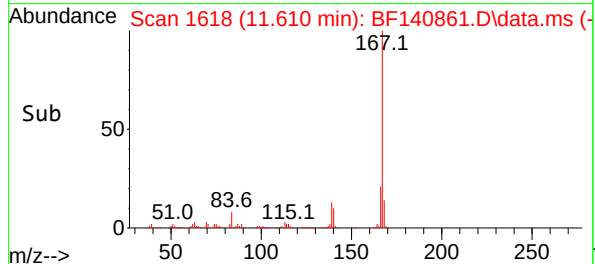
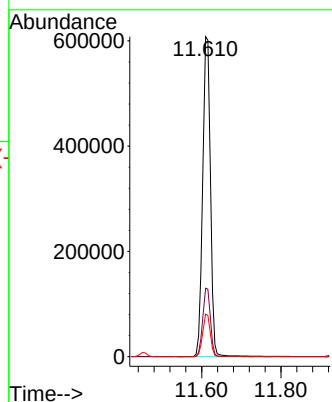
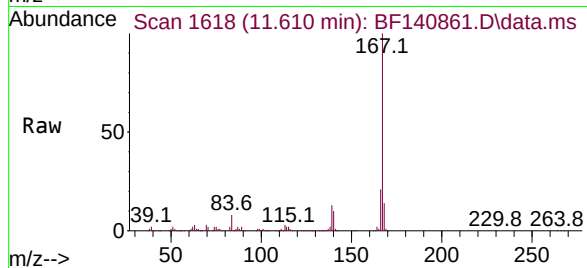




#73
Carbazole
Concen: 58.682 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

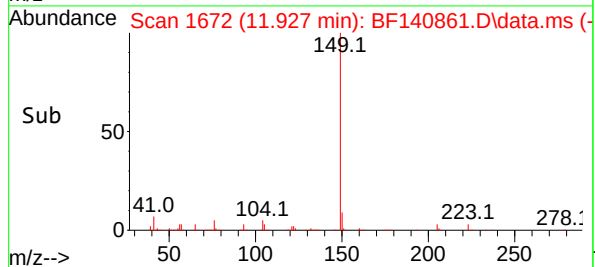
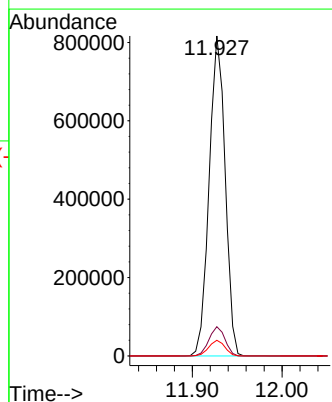
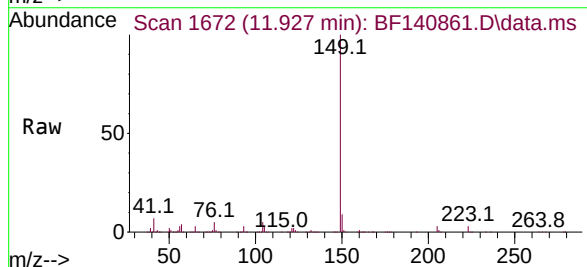
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

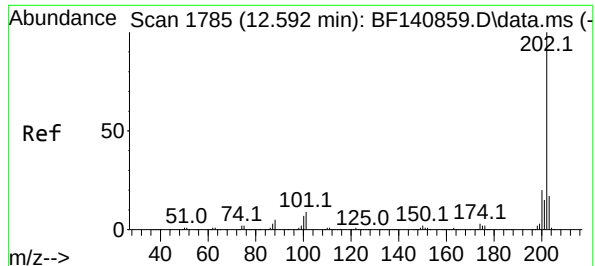
Tgt Ion:167 Resp: 826415
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 13.3 10.2 15.2



#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

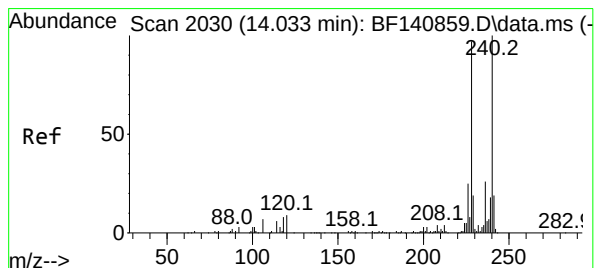
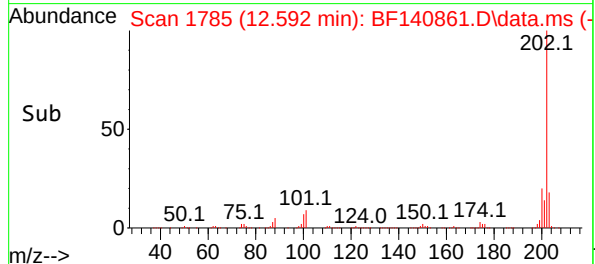
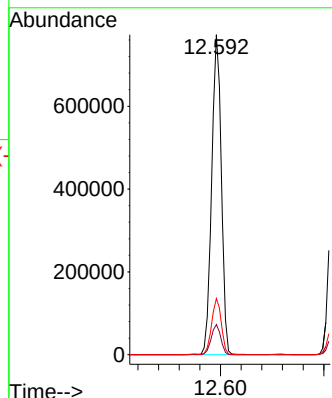
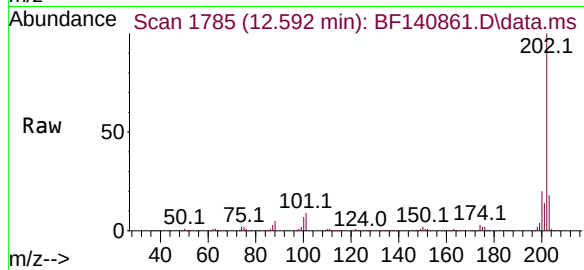




#75
Fluoranthene
Concen: 59.520 ng
RT: 12.592 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

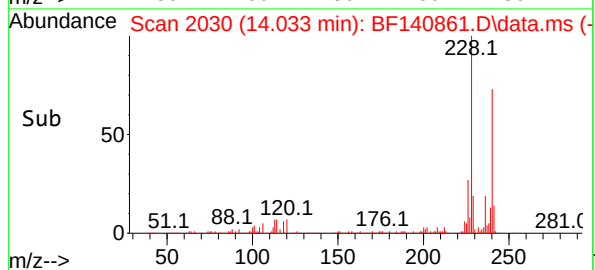
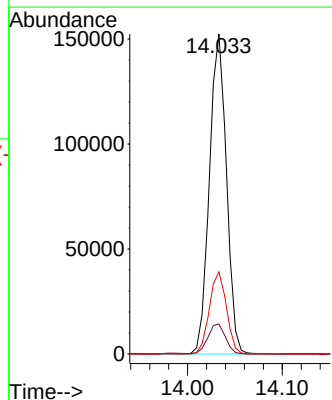
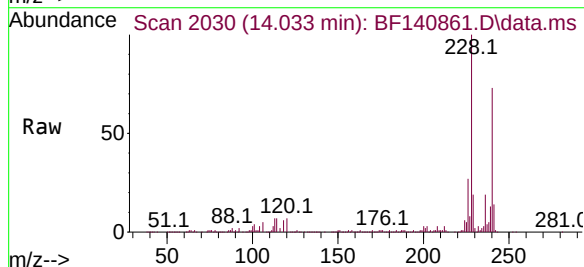
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

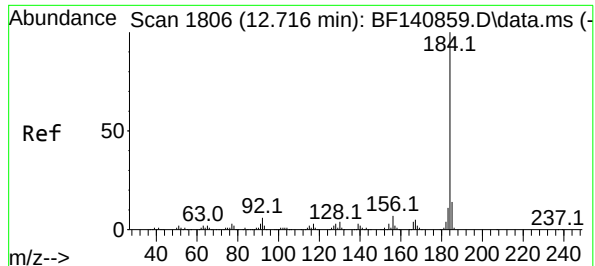
Tgt Ion:202 Resp: 1000773
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.3
203 17.5 0.0 37.4



#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

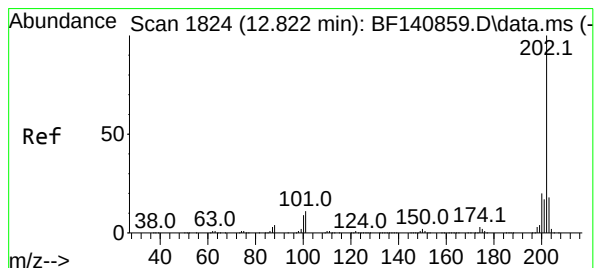
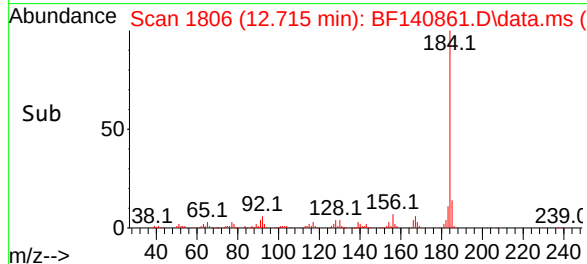
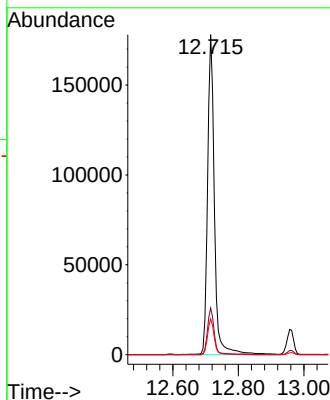
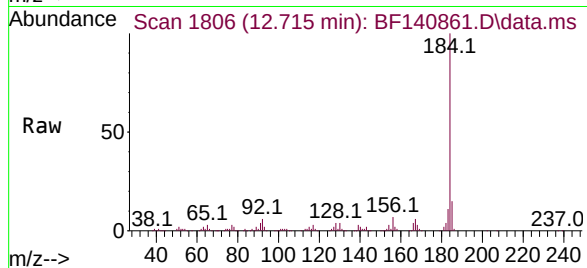




#77
Benzidine
Concen: 66.762 ng
RT: 12.715 min Scan# 1806
Delta R.T. -0.001 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

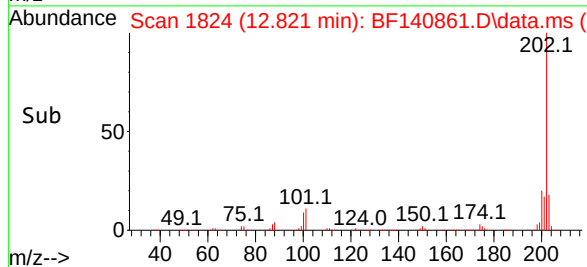
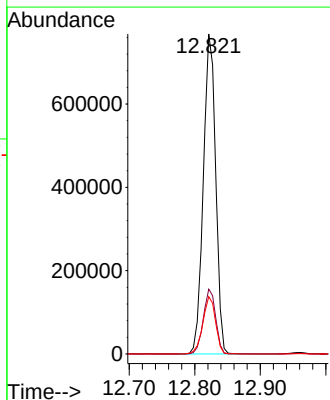
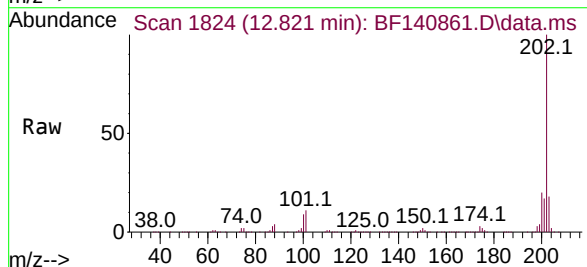
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

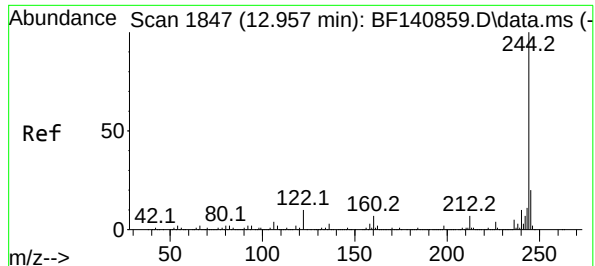
Tgt Ion:184 Resp: 258833
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 11.2 9.0 13.4



#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# 1848

Delta R.T. 0.006 min

Lab File: BF140861.D

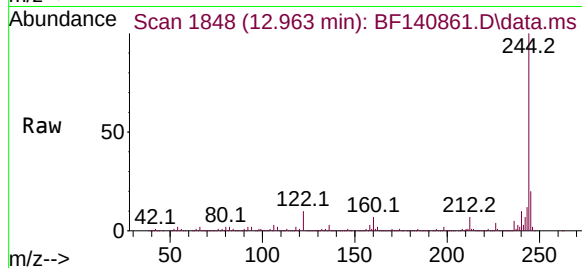
Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



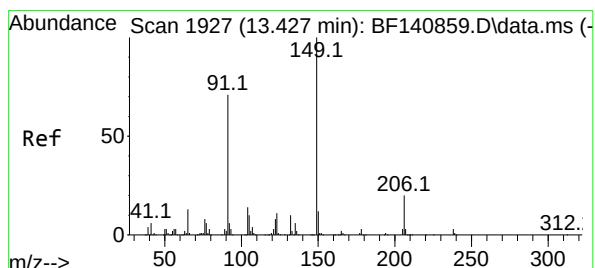
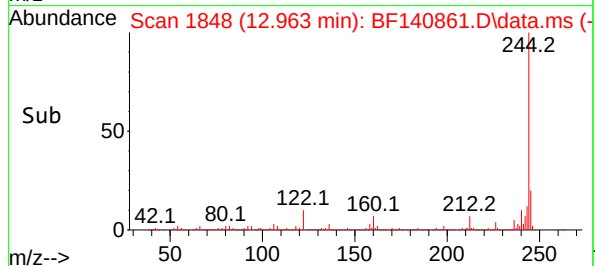
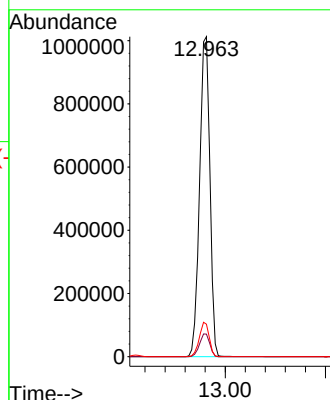
Tgt Ion:244 Resp: 1435829

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

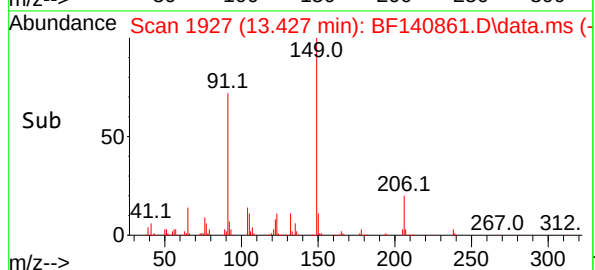
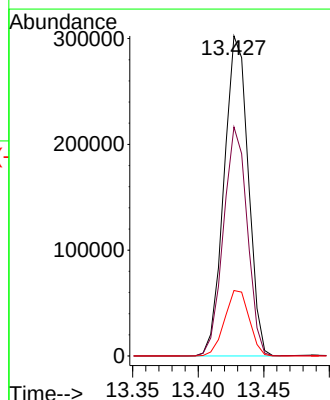
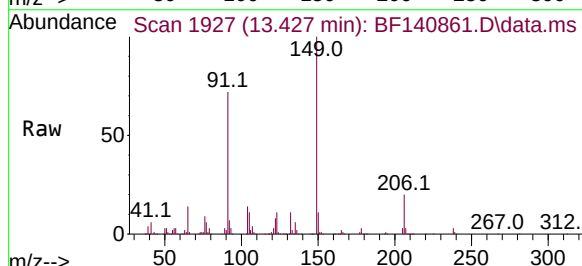
Tgt Ion:149 Resp: 387906

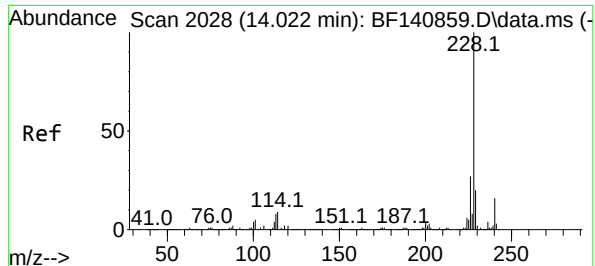
Ion Ratio Lower Upper

149 100

91 71.6 56.7 85.1

206 20.5 16.4 24.6

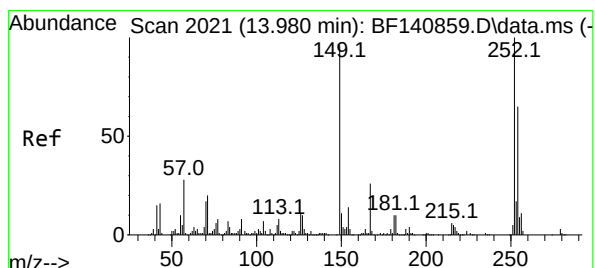
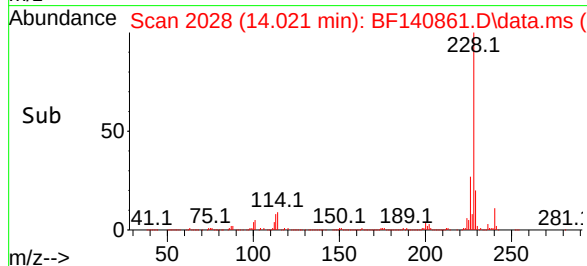
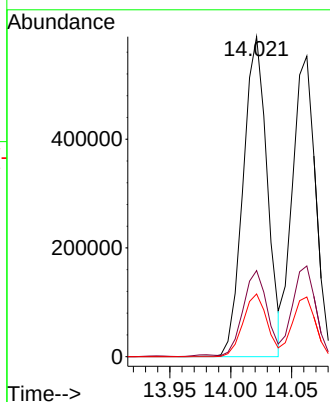
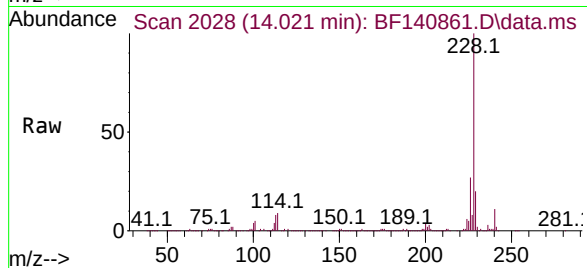




#81
Benzo(a)anthracene
Concen: 60.019 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

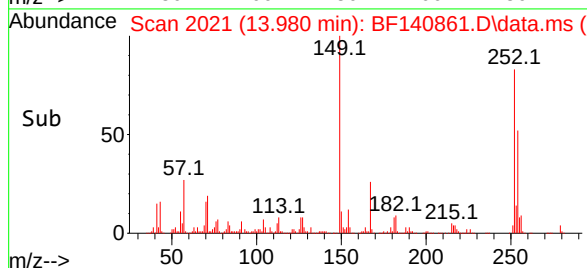
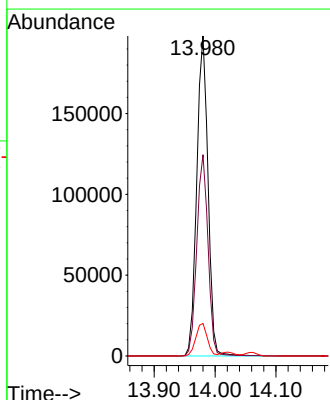
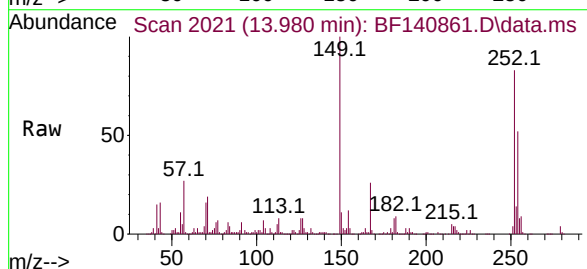
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

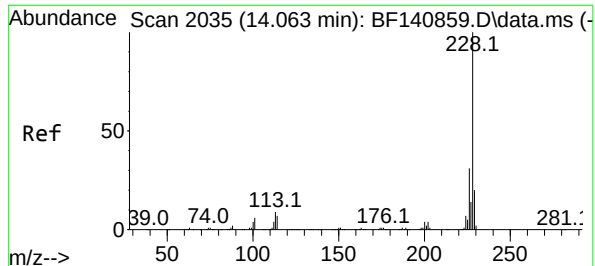
Tgt Ion:228 Resp: 808026
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.6 15.8 23.8



#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

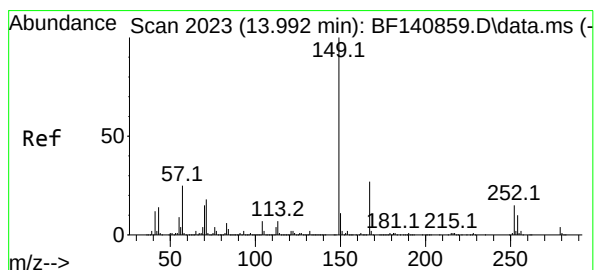
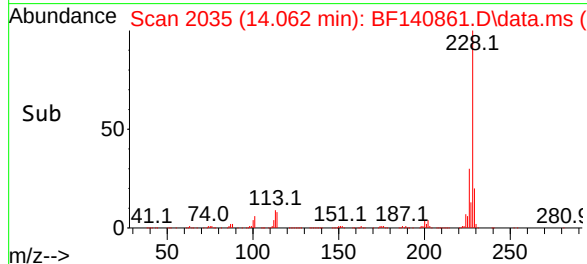
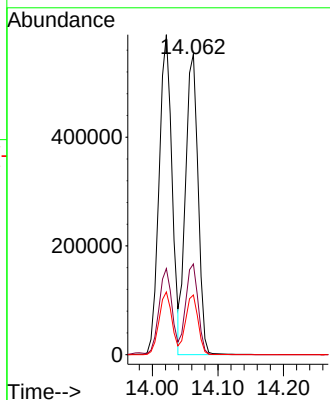
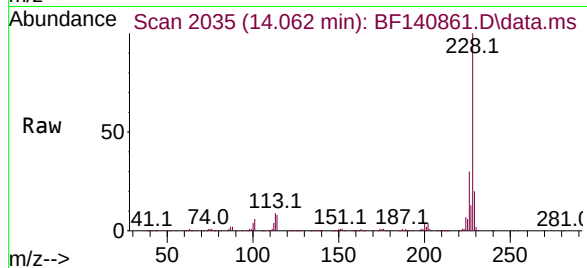




#83
Chrysene
Concen: 59.712 ng
RT: 14.062 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

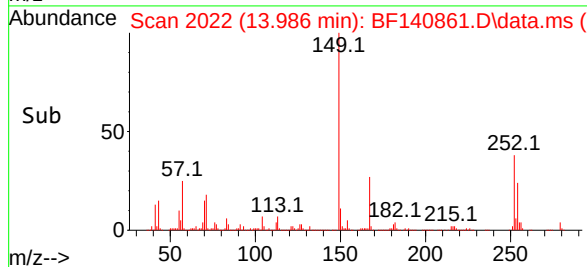
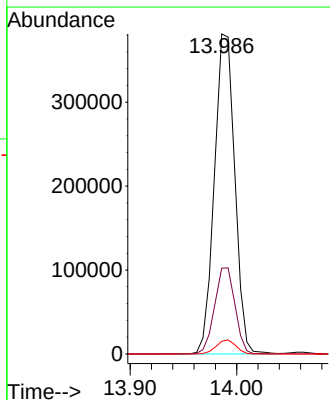
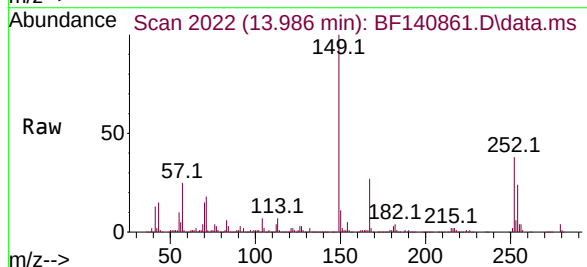
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

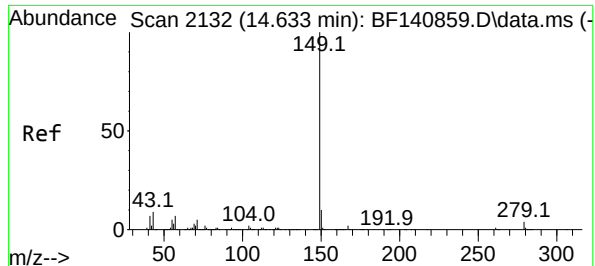
Tgt Ion:228 Resp: 731004
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.8 16.0 24.0



#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

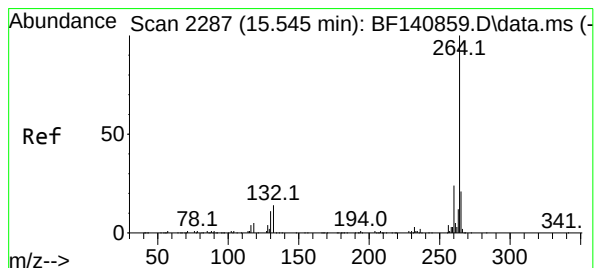
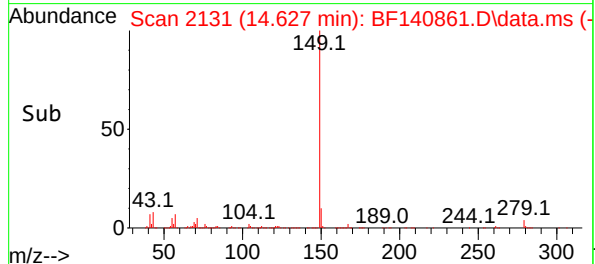
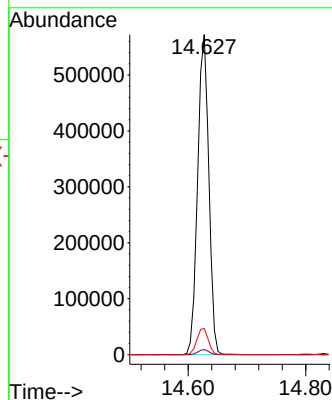
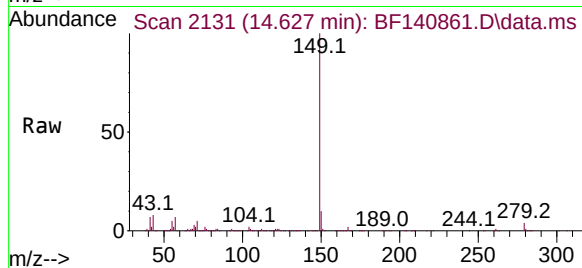




#85
Di-n-octyl phthalate
Concen: 62.220 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

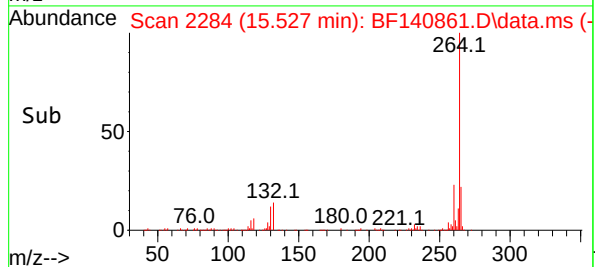
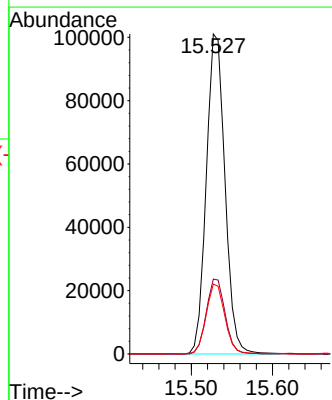
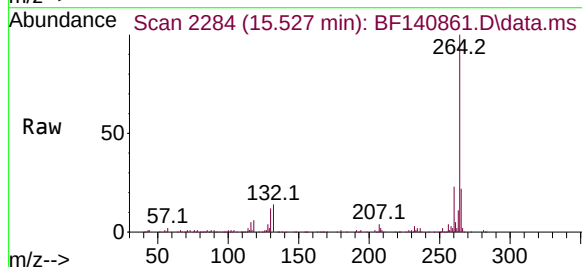
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

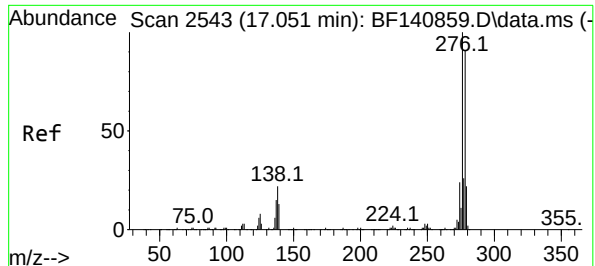
Tgt Ion:149 Resp: 754409
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.0 10.6



#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# 21

Delta R.T. -0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

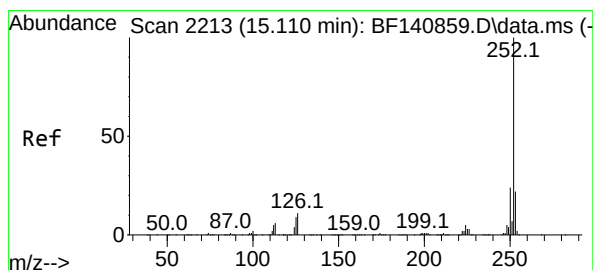
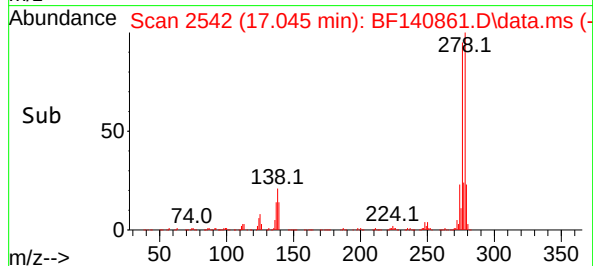
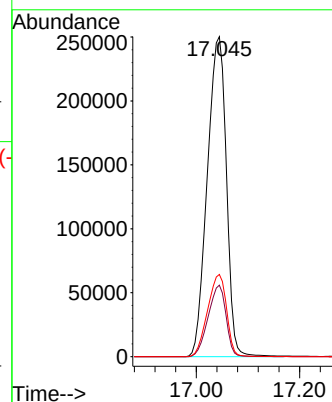
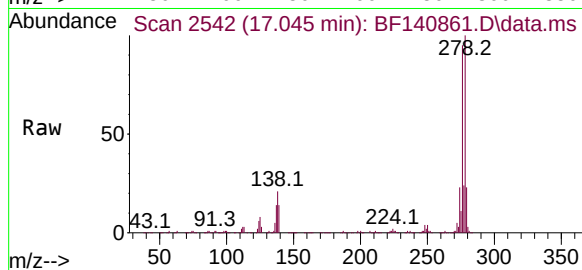
Tgt Ion:276 Resp: 642591

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

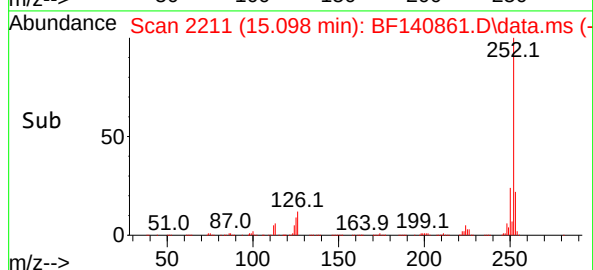
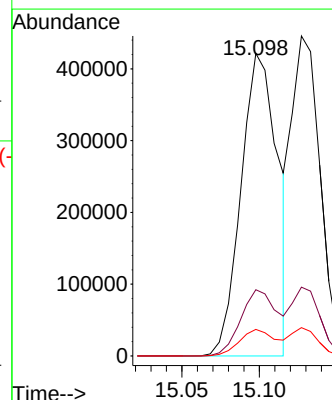
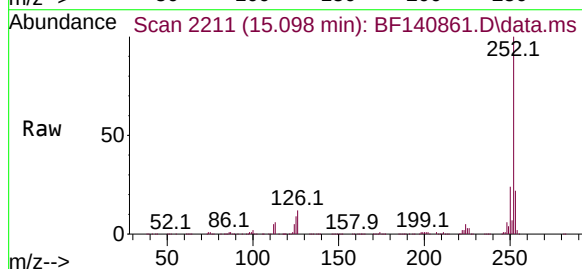
Tgt Ion:252 Resp: 696582

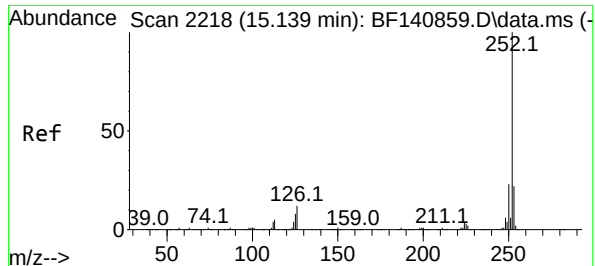
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.012 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

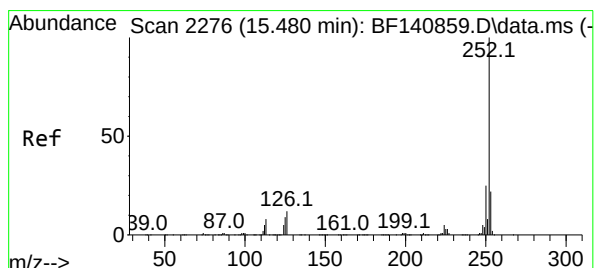
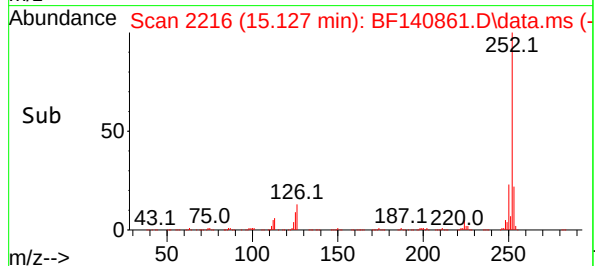
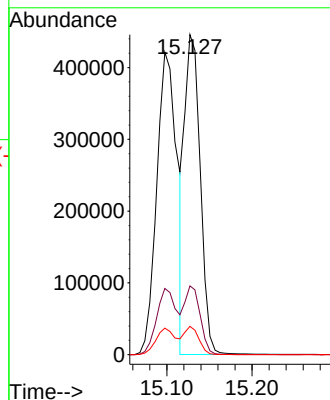
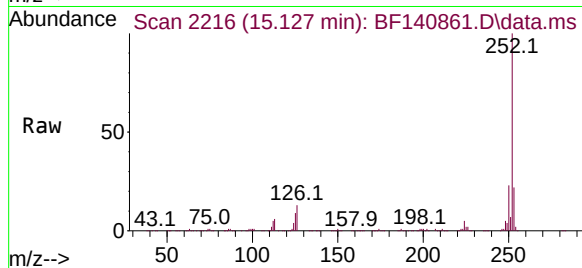
Tgt Ion:252 Resp: 571329

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

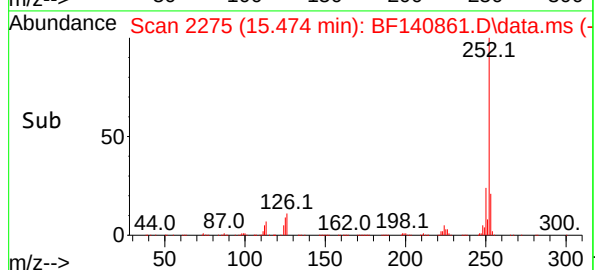
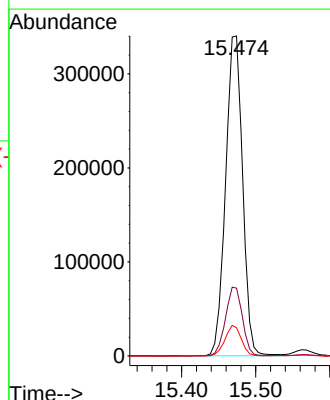
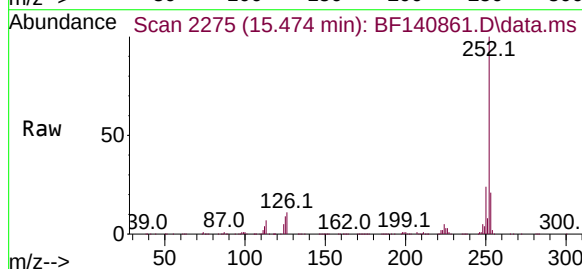
Tgt Ion:252 Resp: 542075

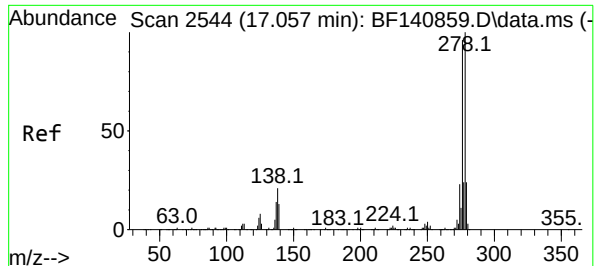
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

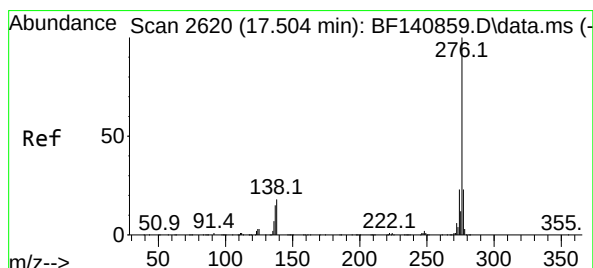
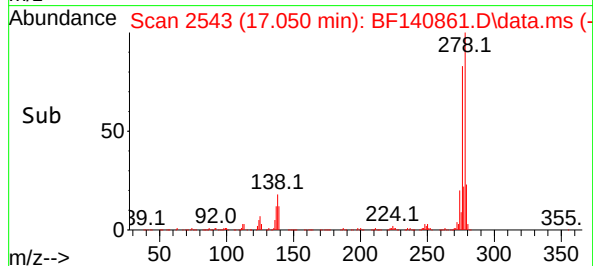
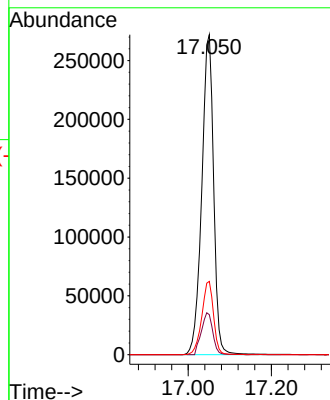
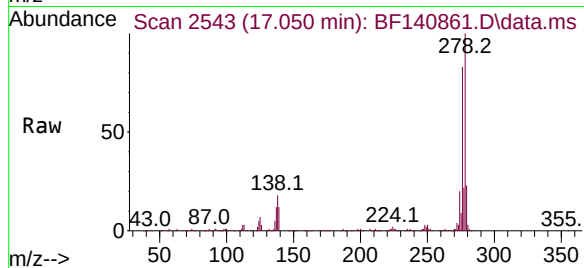
Tgt Ion:278 Resp: 539476

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

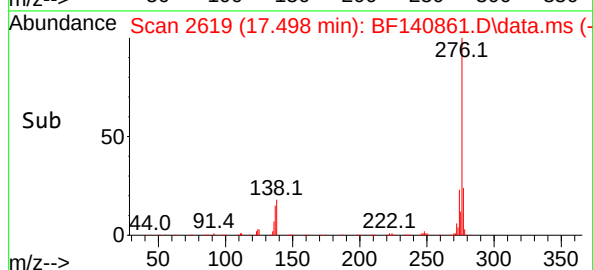
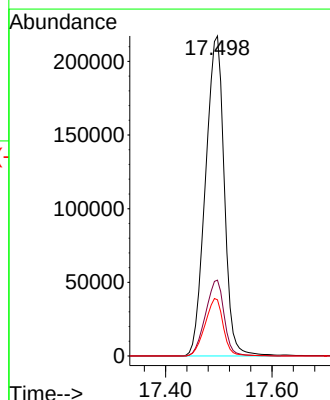
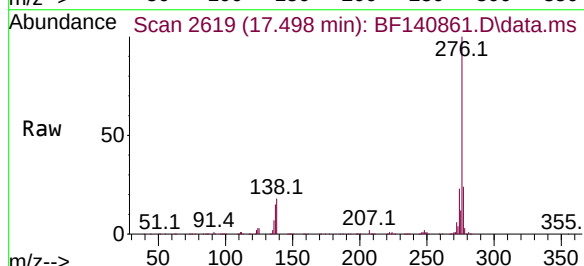
Tgt Ion:276 Resp: 530525

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 17.5 14.2 21.2



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

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

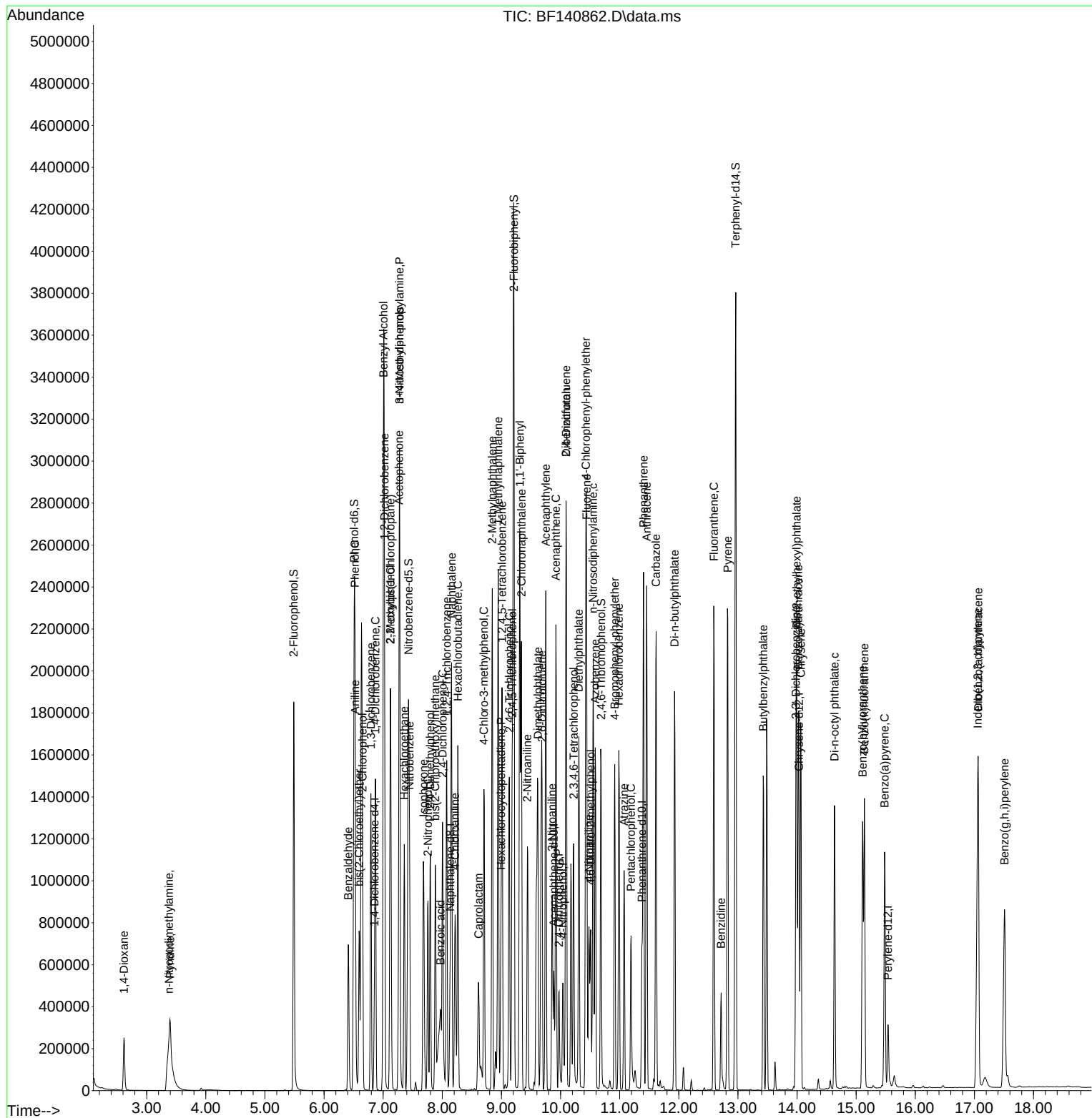
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	321402	91.760	ng	99
46) 1,1'-Biphenyl	9.310	154	1186930	88.155	ng	99
47) 2-Chloronaphthalene	9.339	162	927799	90.075	ng	99
48) 2-Nitroaniline	9.439	65	289810	93.162	ng	99
49) Acenaphthylene	9.751	152	1169747	77.278	ng	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

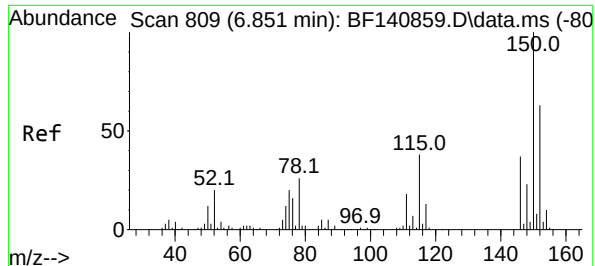
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140862.D
Acq On : 16 Dec 2024 16:15
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

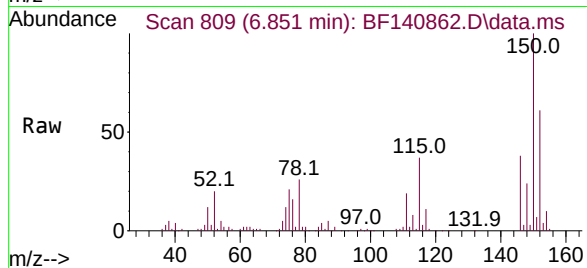
Quant Time: Dec 16 16:52:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



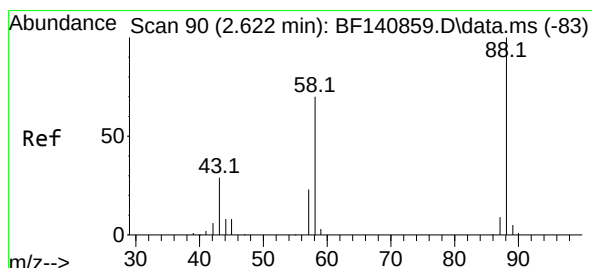
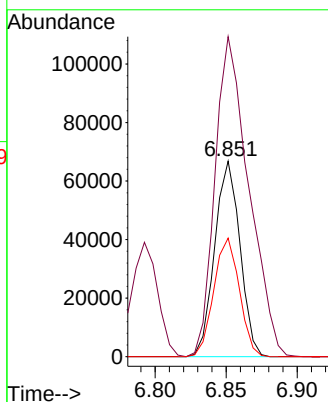
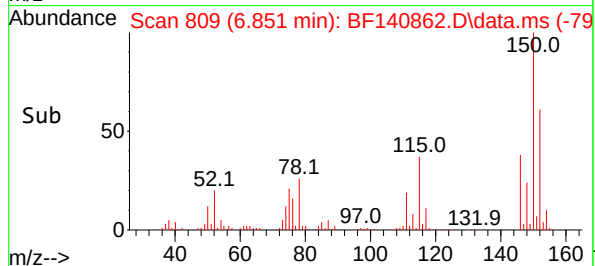


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

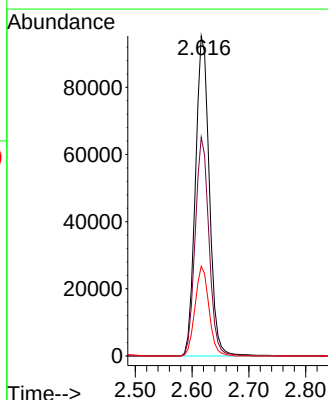
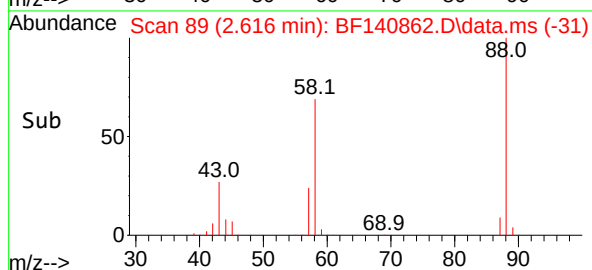
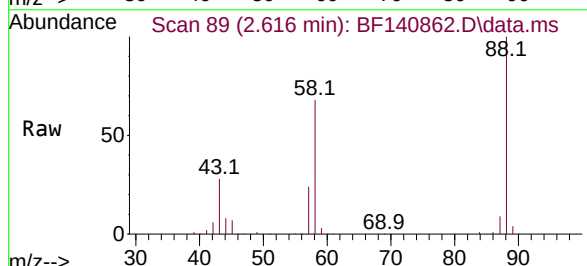


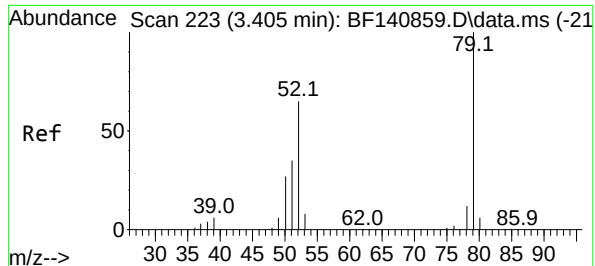
Tgt Ion:152 Resp: 82694
Ion Ratio Lower Upper
152 100
150 163.6 127.9 191.9
115 60.6 48.0 72.0



#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# 21

Delta R.T. -0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

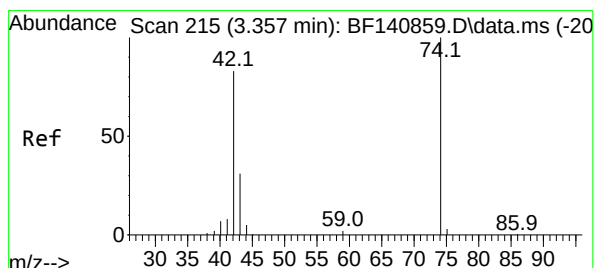
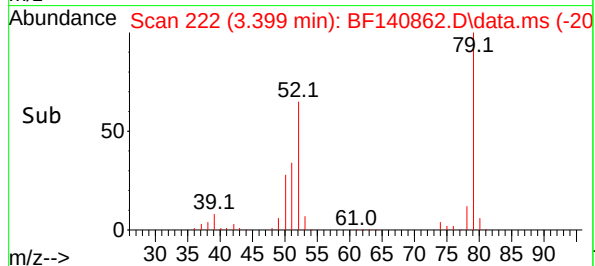
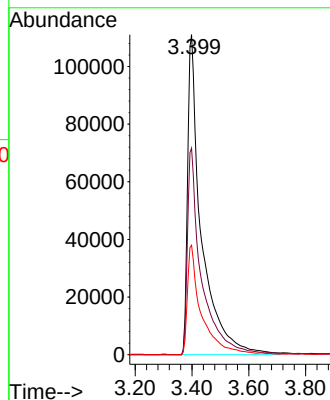
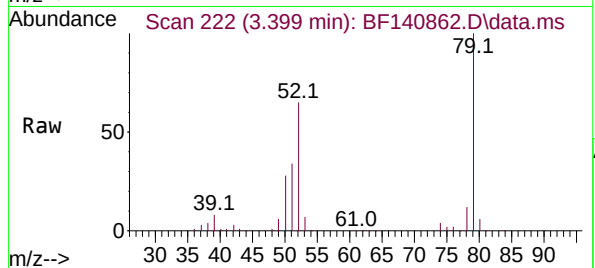
Tgt Ion: 79 Resp: 375906

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

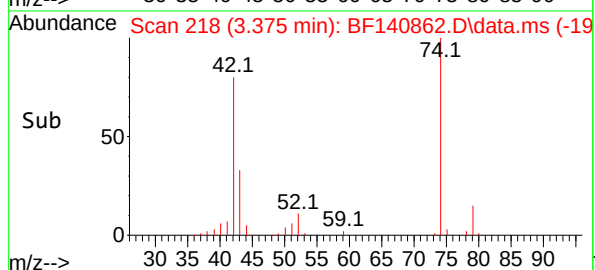
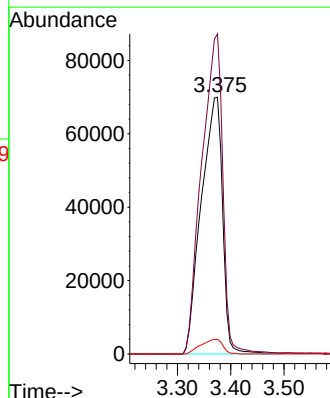
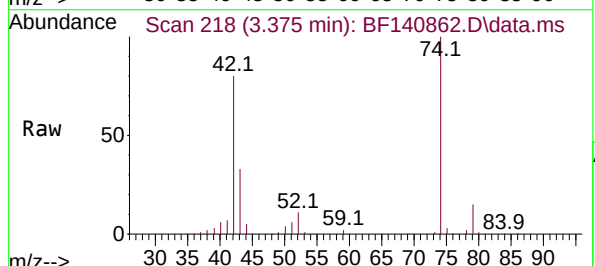
Tgt Ion: 42 Resp: 194050

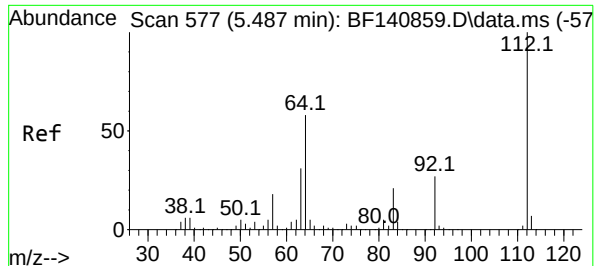
Ion Ratio Lower Upper

42 100

74 124.6 96.9 145.3

44 5.7 4.4 6.6

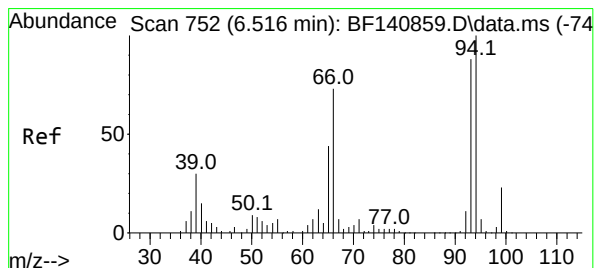
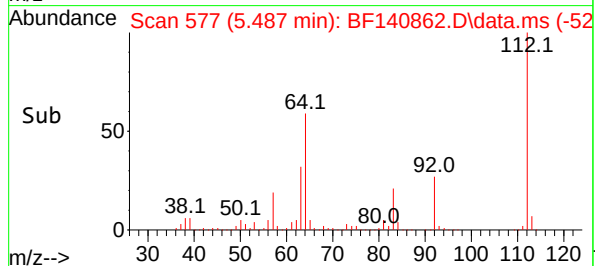
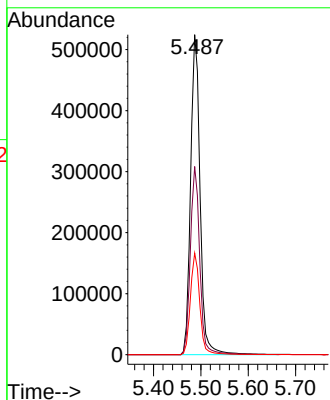
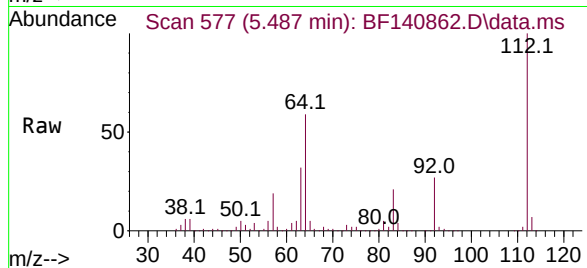




#5
2-Fluorophenol
Concen: 145.730 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

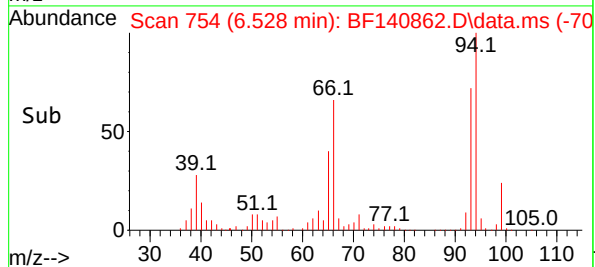
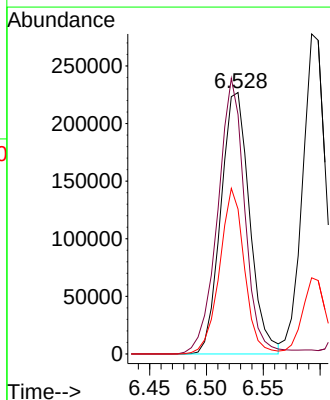
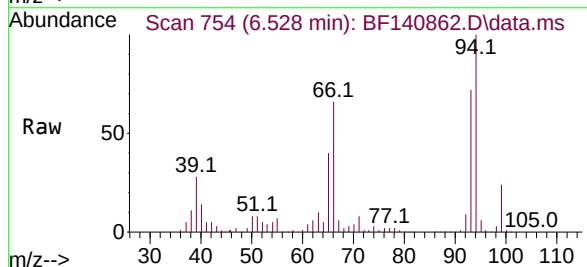
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

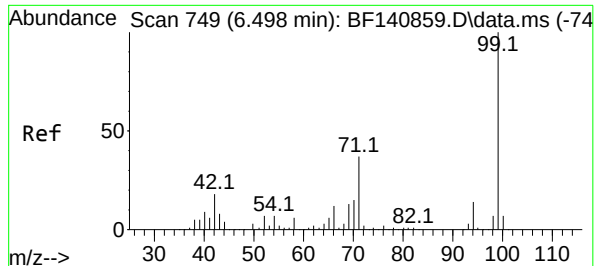
Tgt Ion:112 Resp: 732058
Ion Ratio Lower Upper
112 100
64 58.8 46.1 69.1
63 31.7 24.9 37.3



#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# 710

Delta R.T. 0.012 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

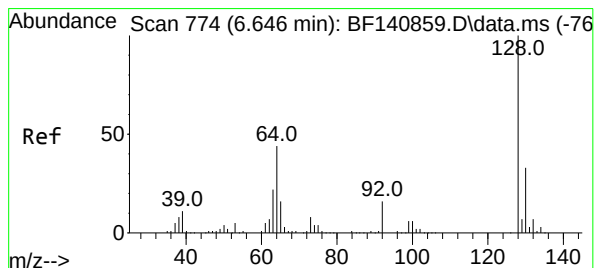
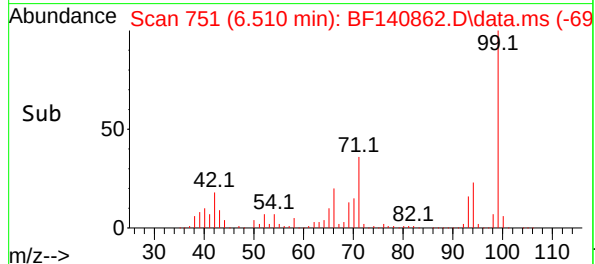
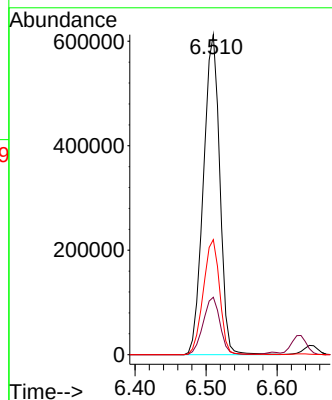
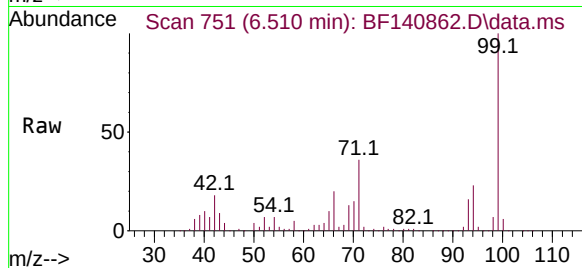
BNA_F

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

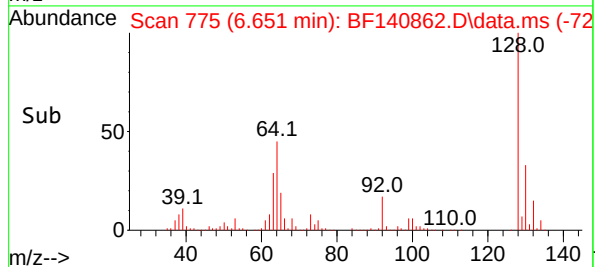
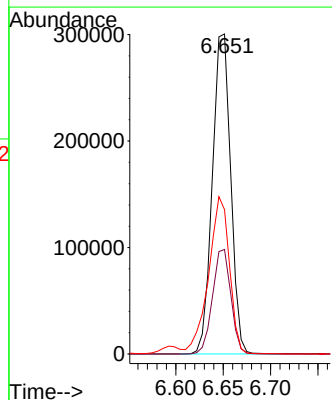
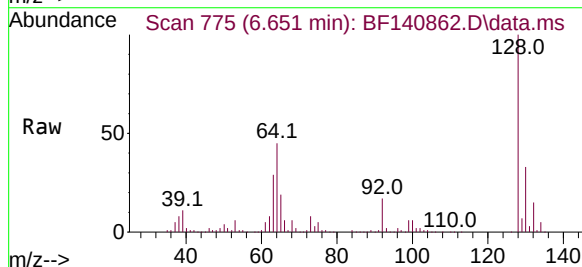
Delta R.T. 0.006 min

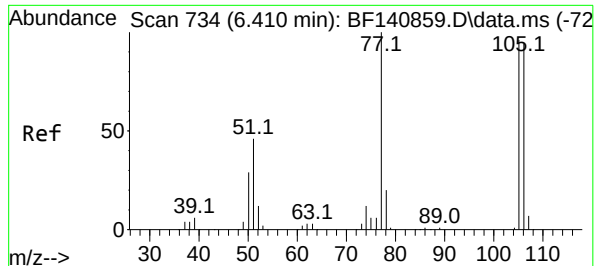
Lab File: BF140862.D

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# 714

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

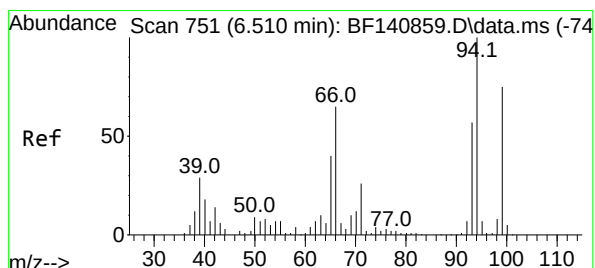
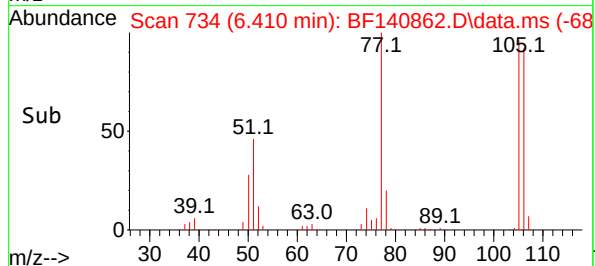
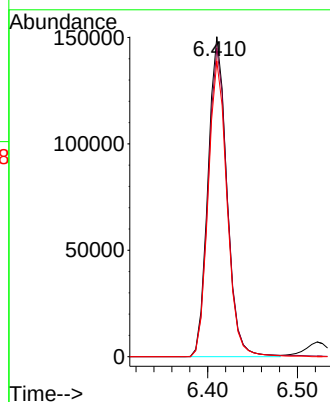
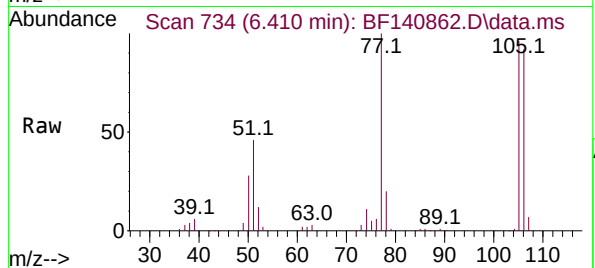
Tgt Ion: 77 Resp: 219459

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

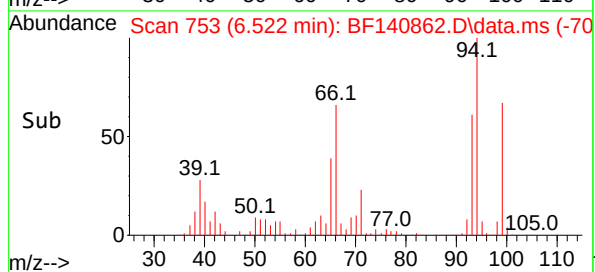
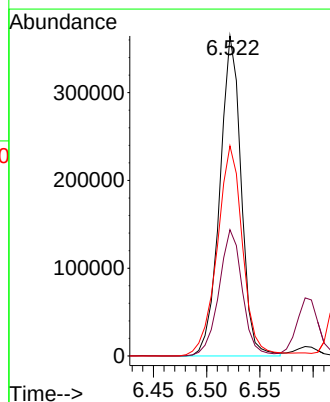
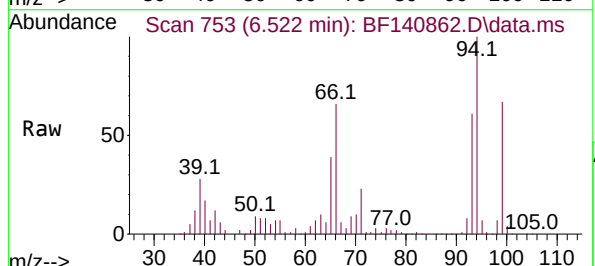
Tgt Ion: 94 Resp: 507289

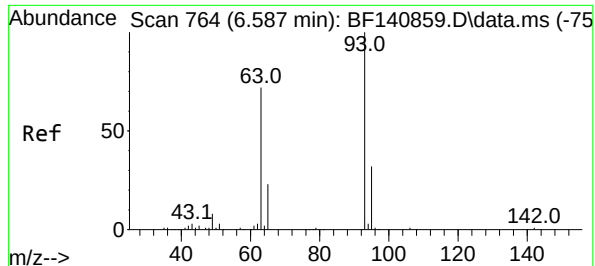
Ion Ratio Lower Upper

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# 70

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

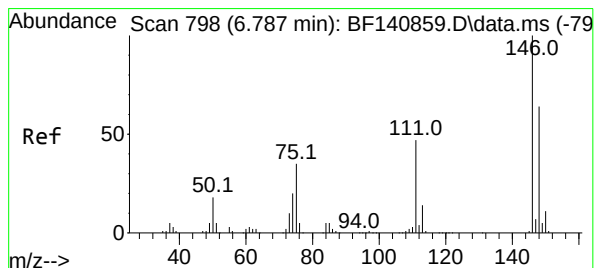
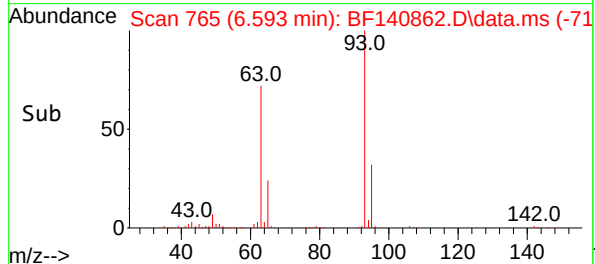
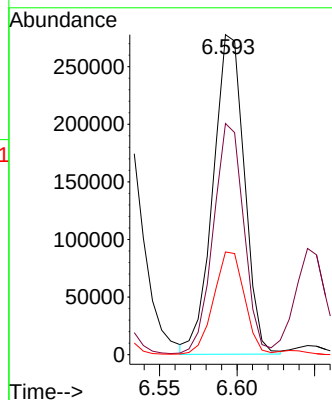
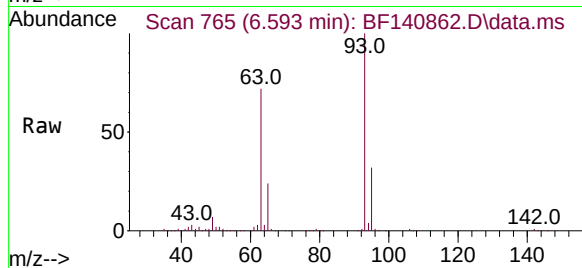
BNA_F

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

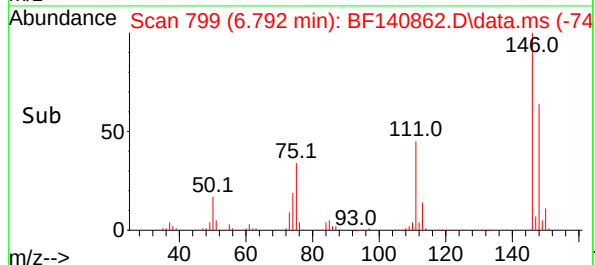
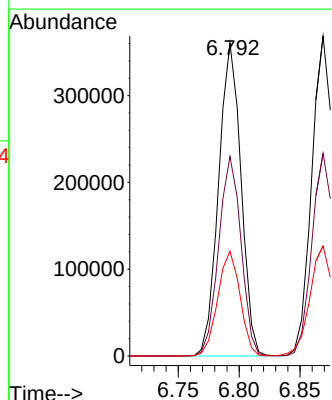
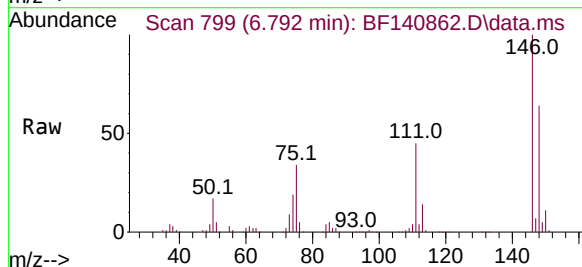
Delta R.T. 0.006 min

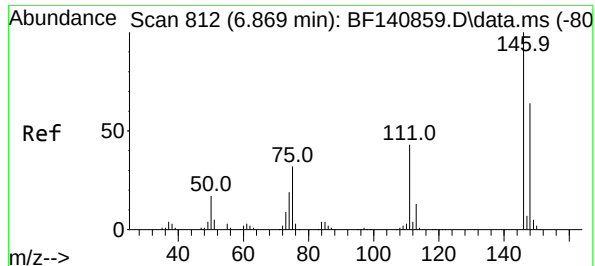
Lab File: BF140862.D

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# 812

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

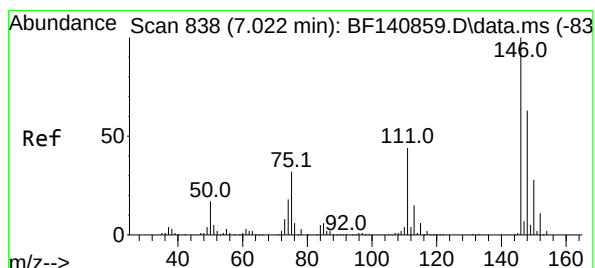
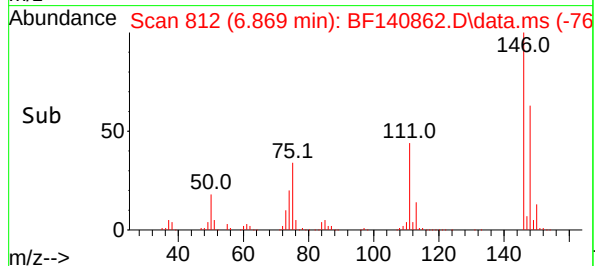
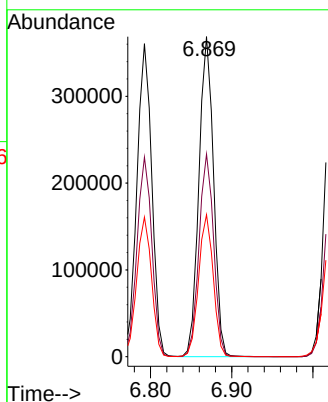
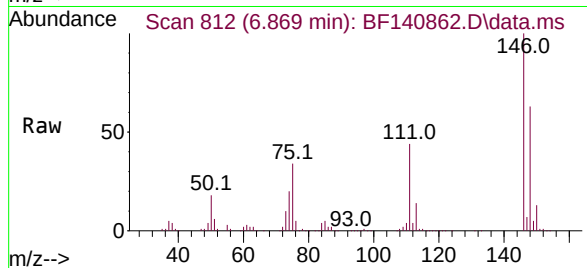
Tgt Ion:146 Resp: 462233

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

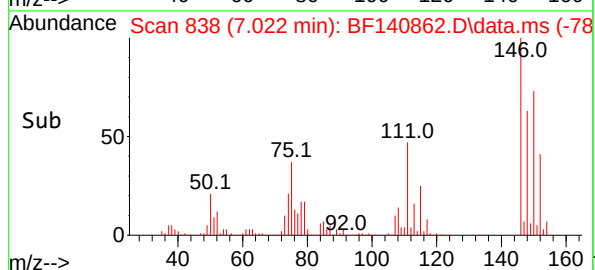
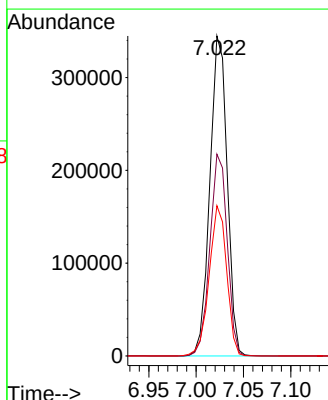
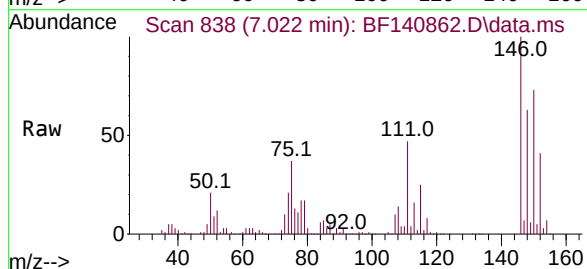
Tgt Ion:146 Resp: 437177

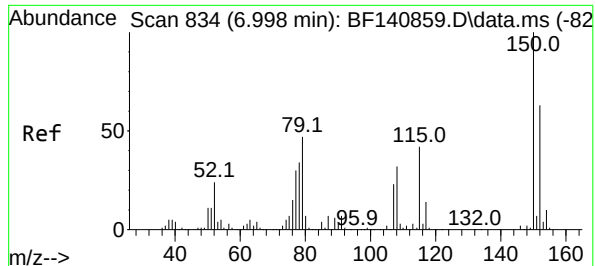
Ion Ratio Lower Upper

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# 81

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

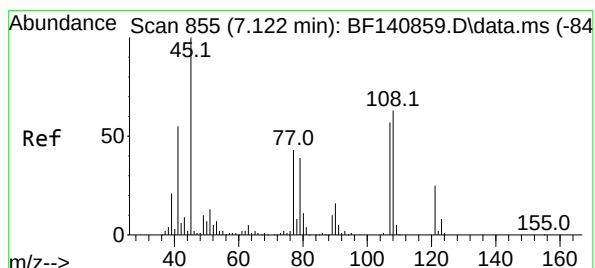
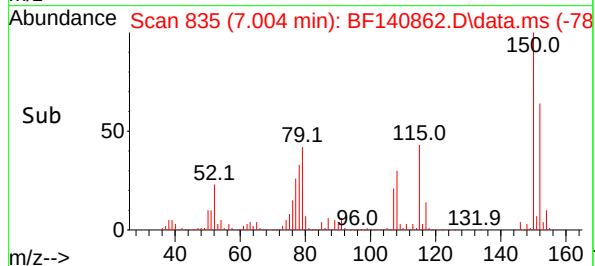
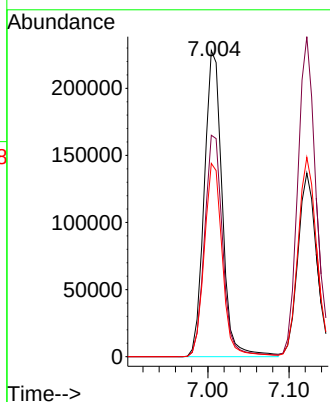
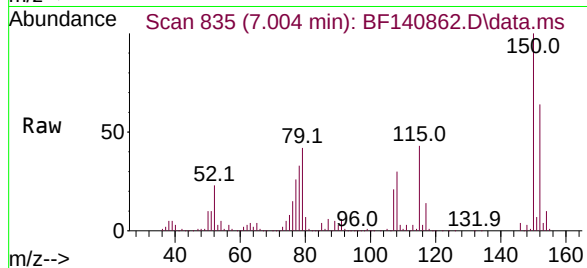
Tgt Ion: 79 Resp: 349382

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

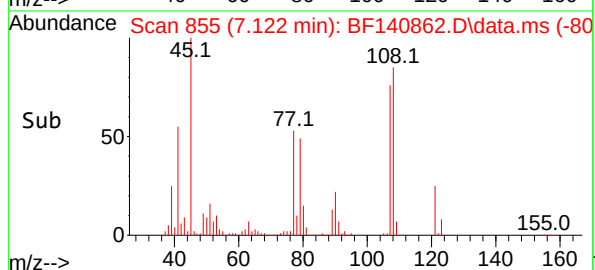
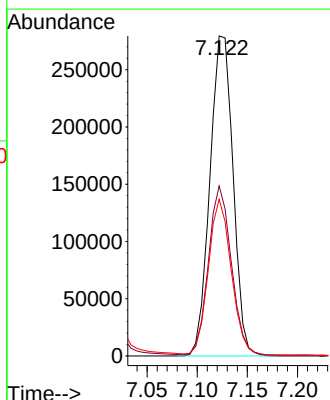
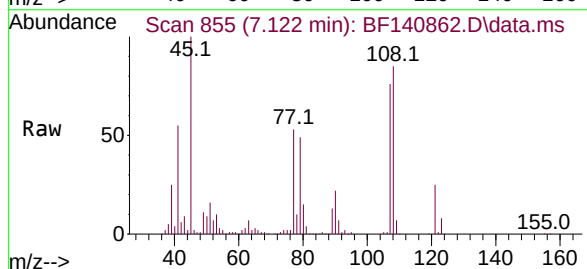
Tgt Ion: 45 Resp: 449685

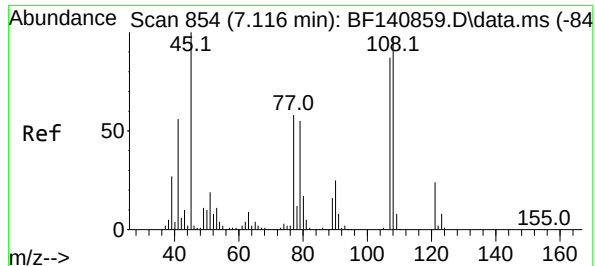
Ion Ratio Lower Upper

45 100

77 53.1 23.3 63.3

79 49.0 20.0 60.0

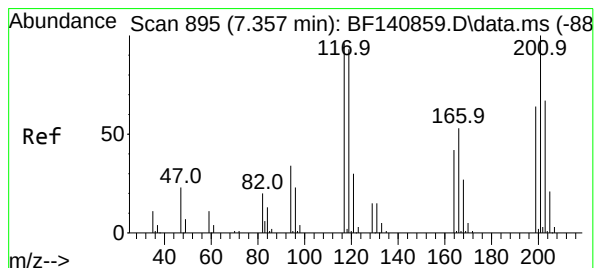
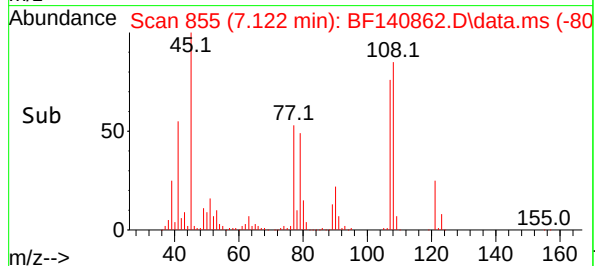
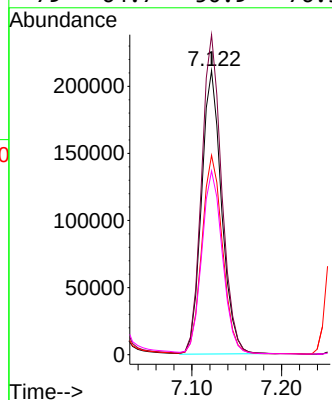
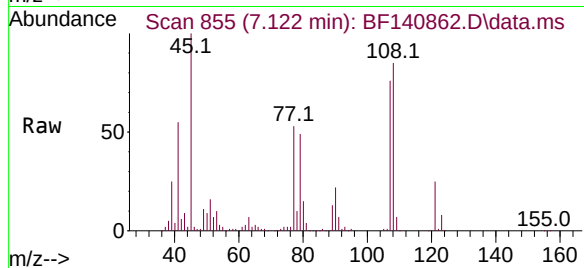




#17
2-Methylphenol
Concen: 75.095 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

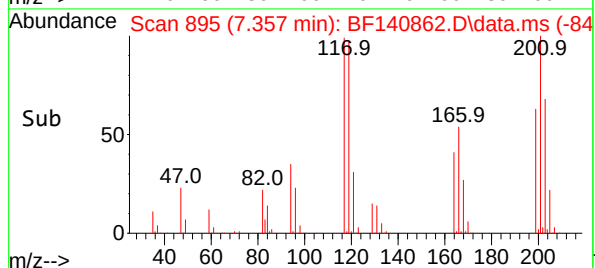
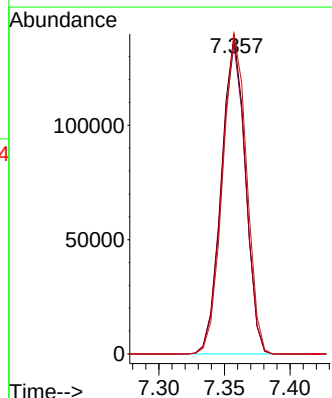
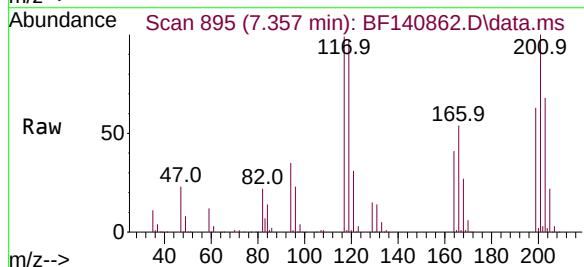
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

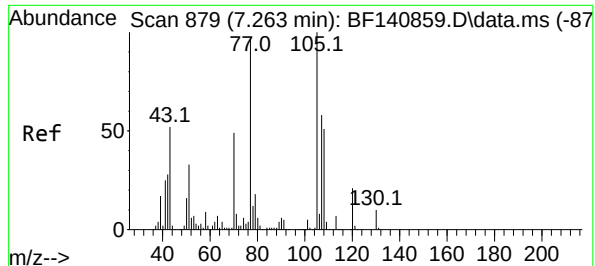
Tgt Ion:107 Resp: 328432
Ion Ratio Lower Upper
107 100
108 112.7 90.2 135.4
77 70.2 53.8 80.6
79 64.7 50.9 76.3



#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# 881

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

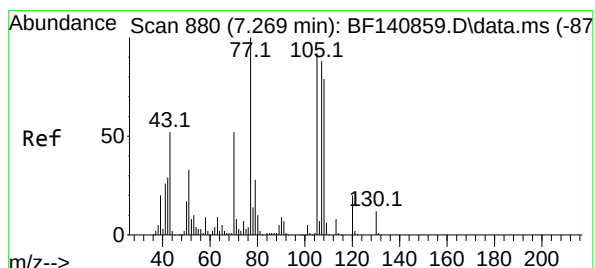
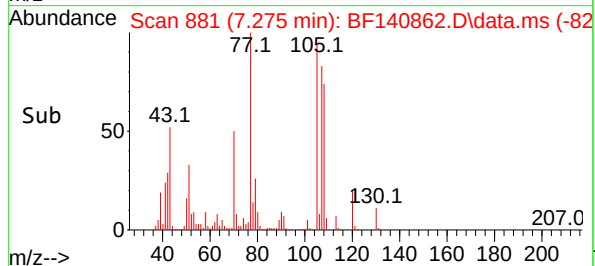
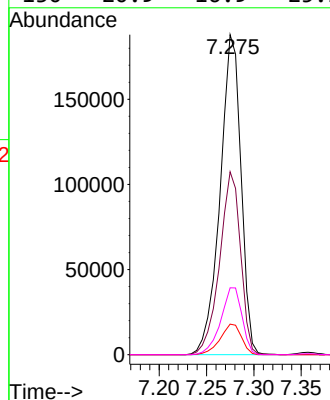
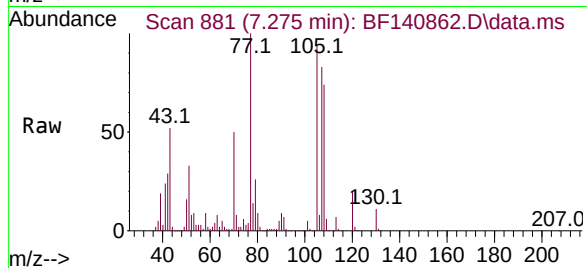
Ion Ratio Lower Upper

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

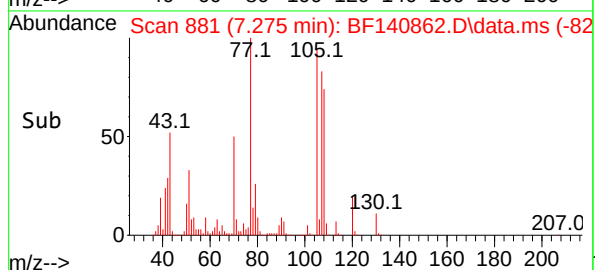
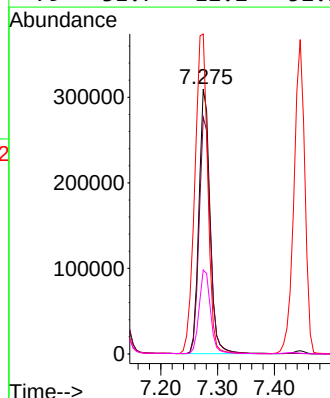
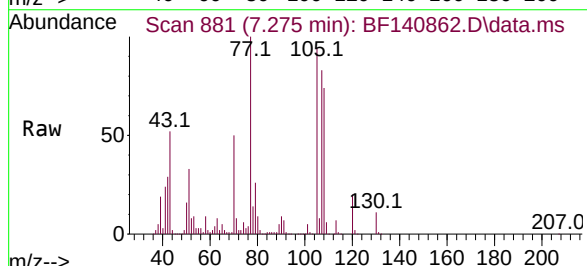
Ion Ratio Lower Upper

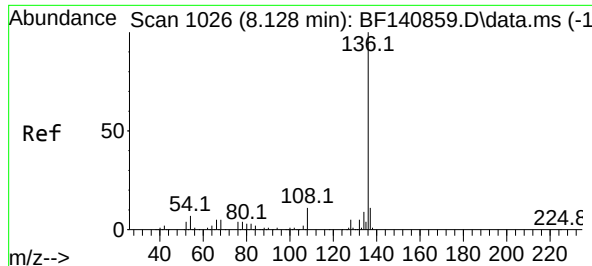
107 100

108 89.4 70.1 110.1

77 120.8 94.4 134.4

79 31.7 12.2 52.2

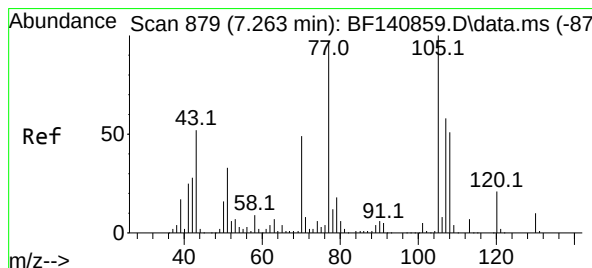
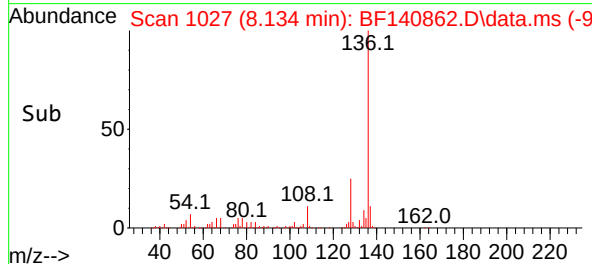
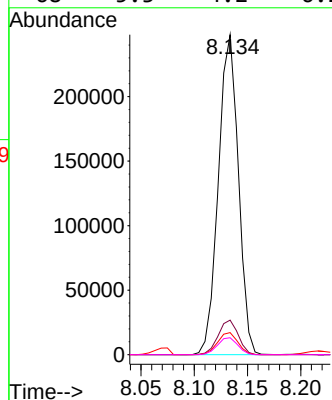
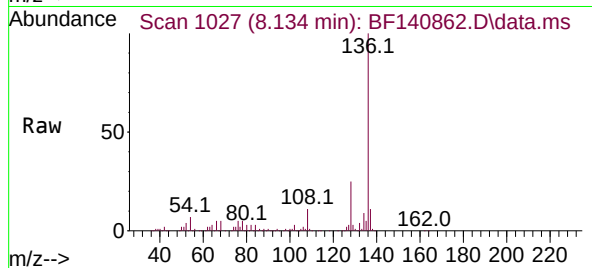




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

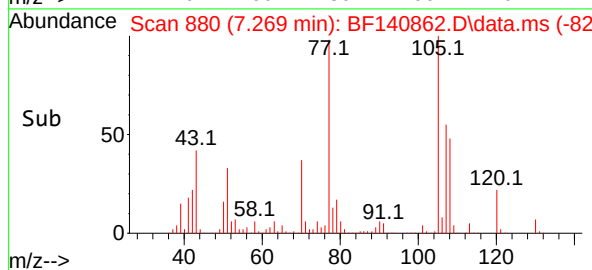
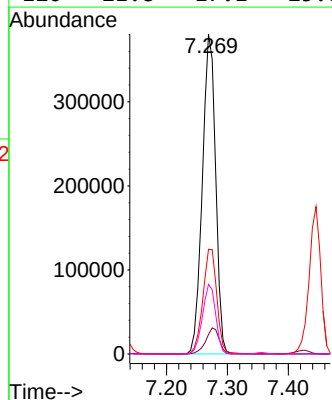
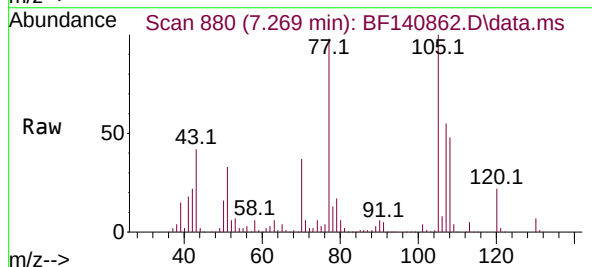
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

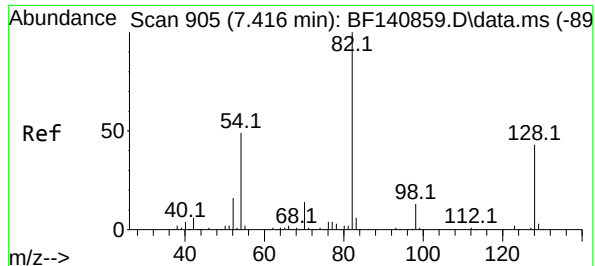
Tgt Ion:136 Resp: 323165
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.9 5.6 8.4
68 5.3 4.2 6.2



#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# 90

Delta R.T. 0.012 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

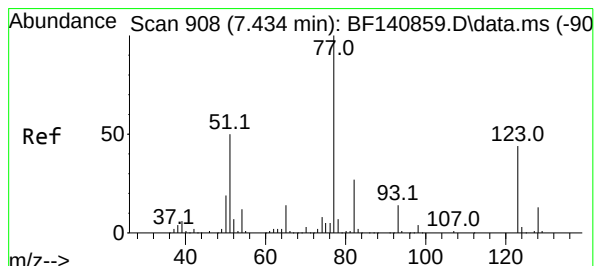
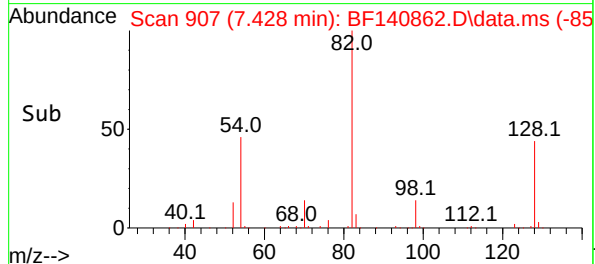
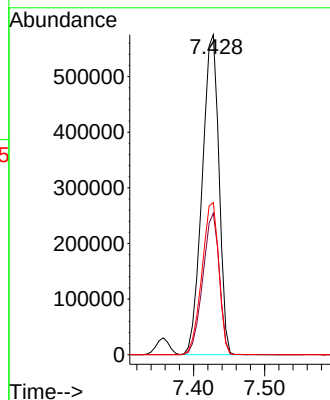
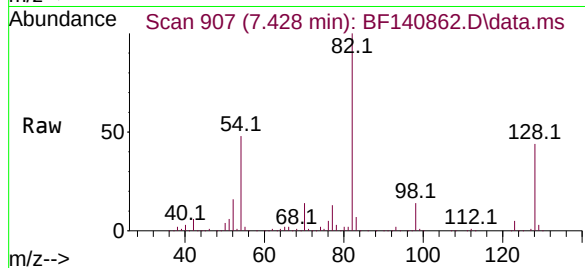
BNA_F

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

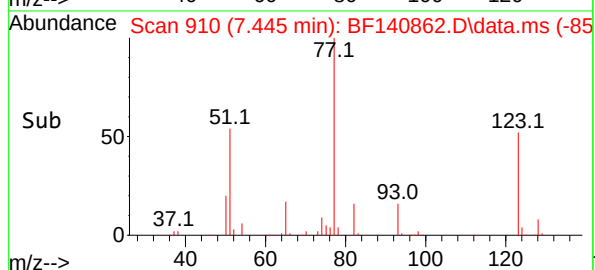
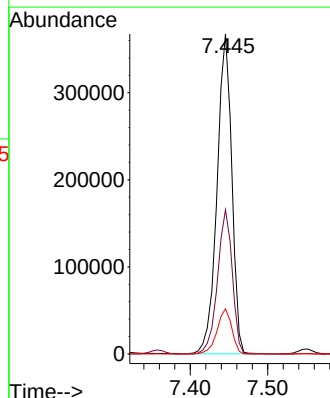
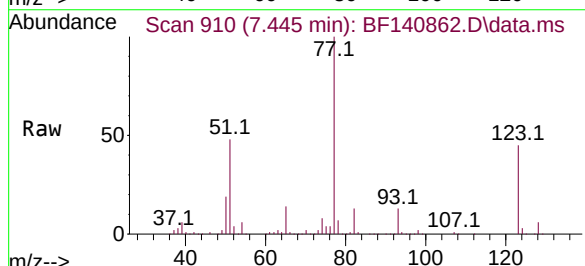
Delta R.T. 0.012 min

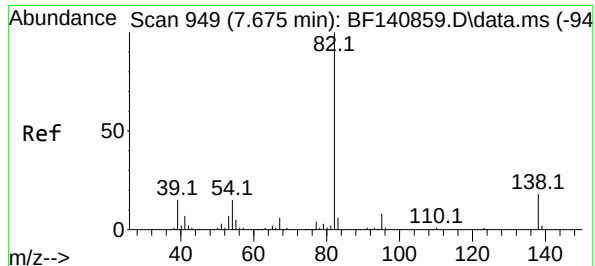
Lab File: BF140862.D

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# 91

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

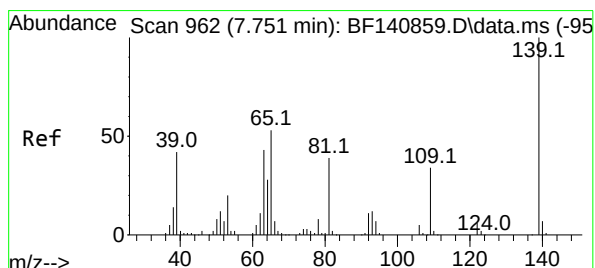
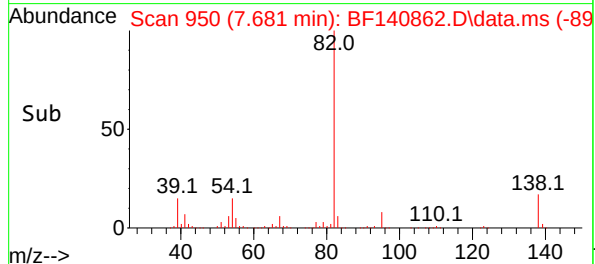
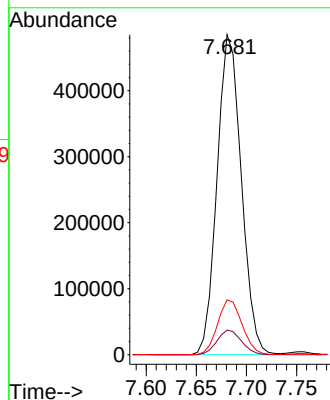
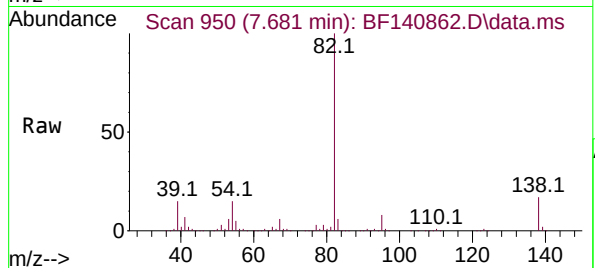
Tgt Ion: 82 Resp: 815074

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

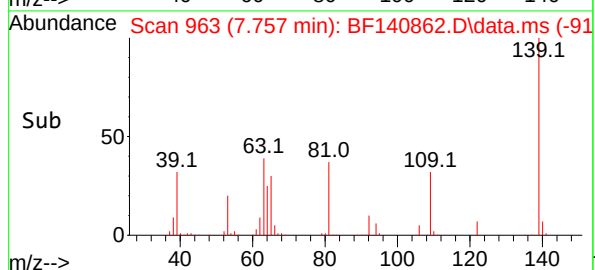
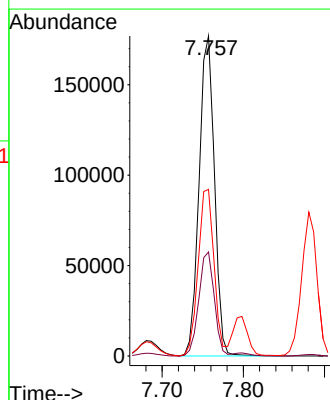
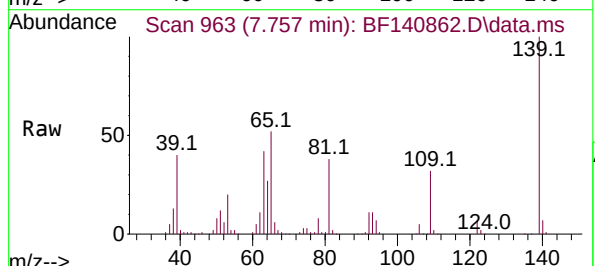
Tgt Ion:139 Resp: 232926

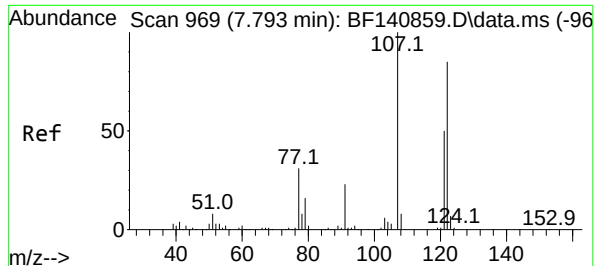
Ion Ratio Lower Upper

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# 91

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

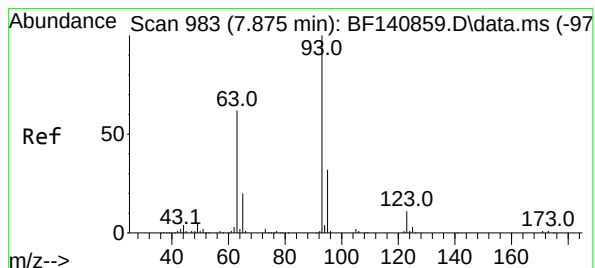
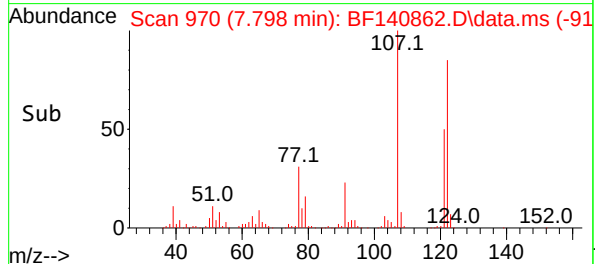
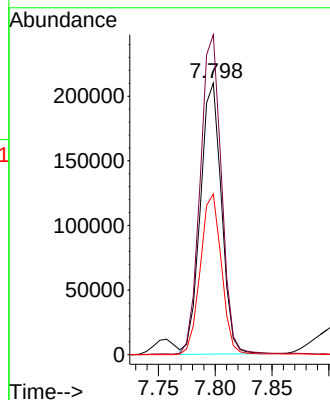
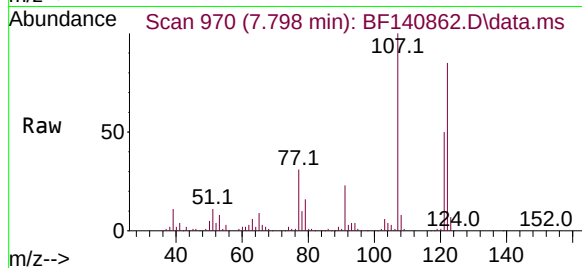
Tgt Ion:122 Resp: 270864

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

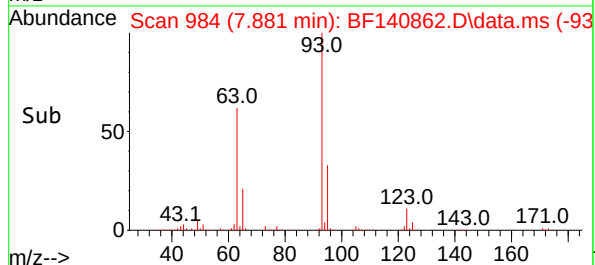
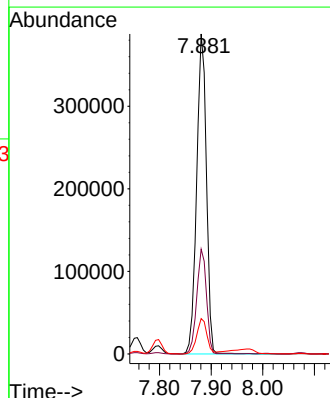
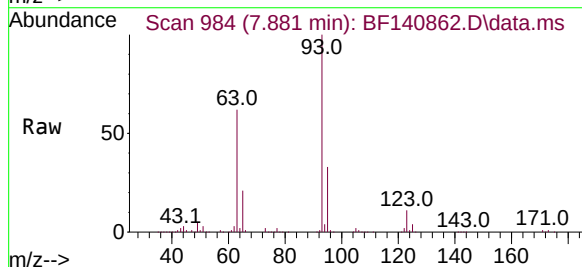
Tgt Ion: 93 Resp: 508754

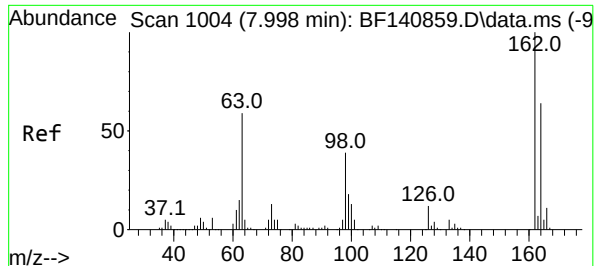
Ion Ratio Lower Upper

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# 1005

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

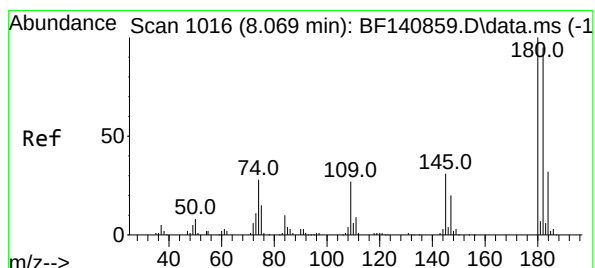
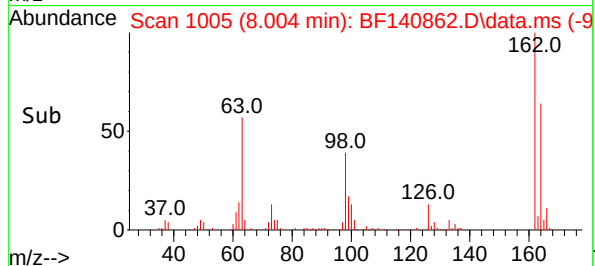
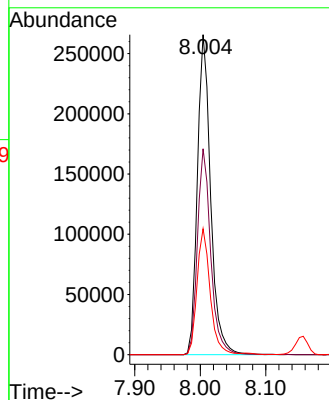
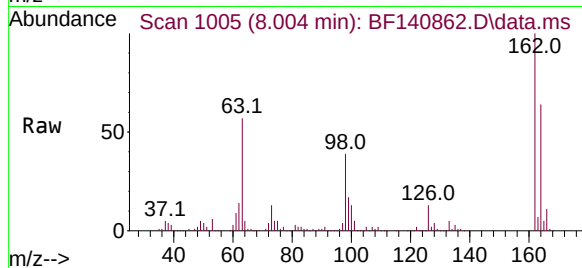
Tgt Ion:162 Resp: 374434

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

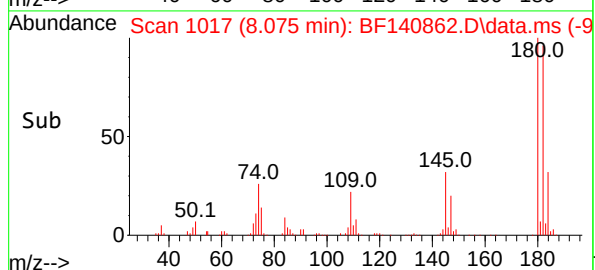
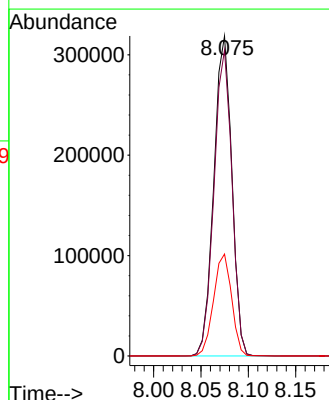
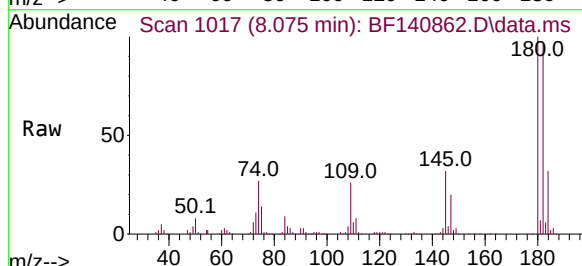
Tgt Ion:180 Resp: 420429

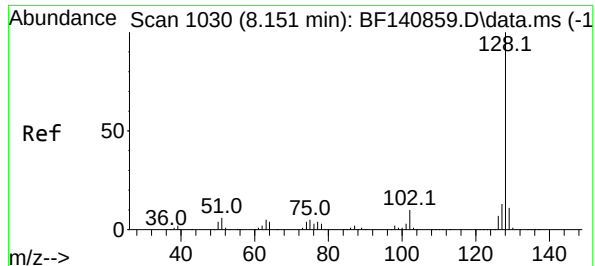
Ion Ratio Lower Upper

180 100

182 95.6 75.8 113.6

145 31.9 25.2 37.8

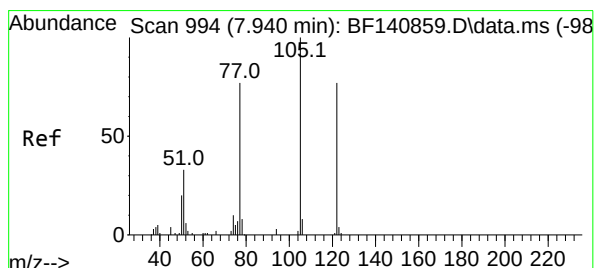
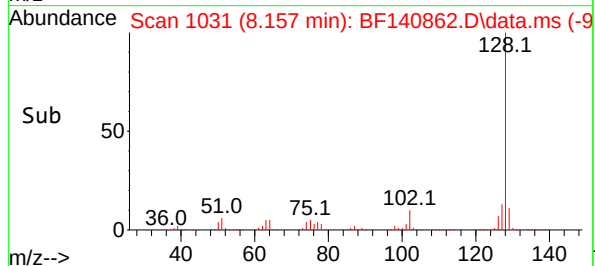
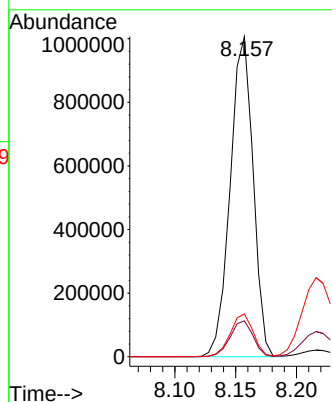
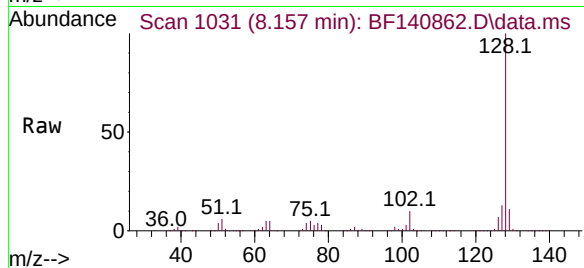




#31
Naphthalene
Concen: 74.301 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

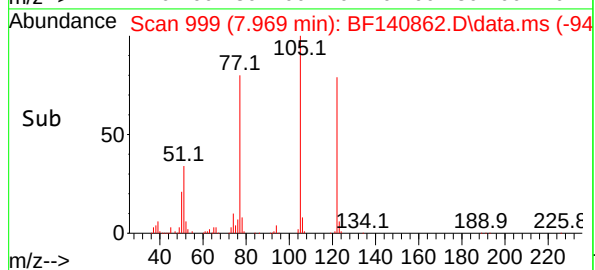
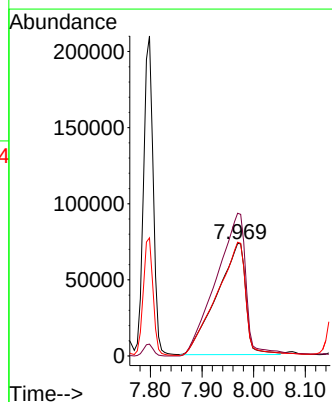
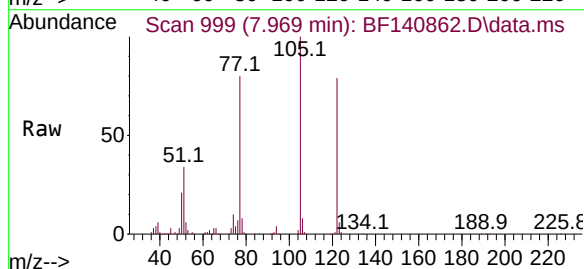
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

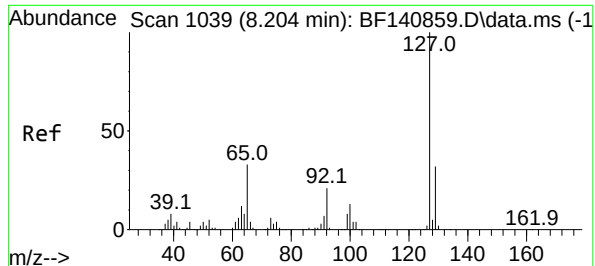
Tgt Ion:128 Resp: 1318982
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 16.0



#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# 1041

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

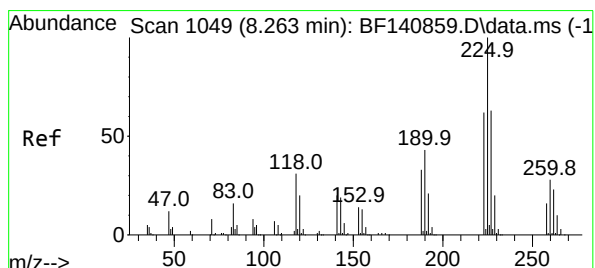
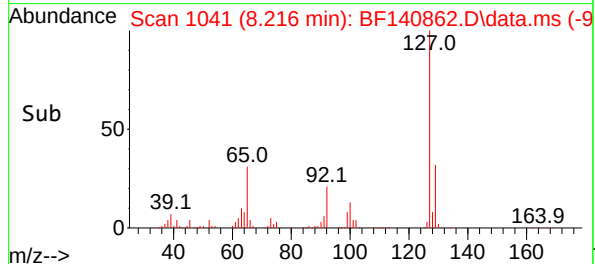
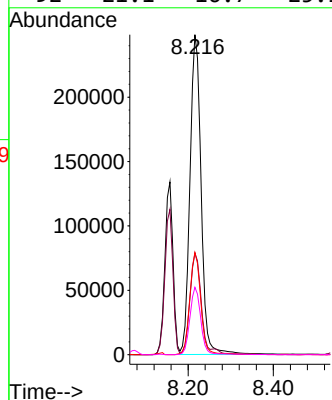
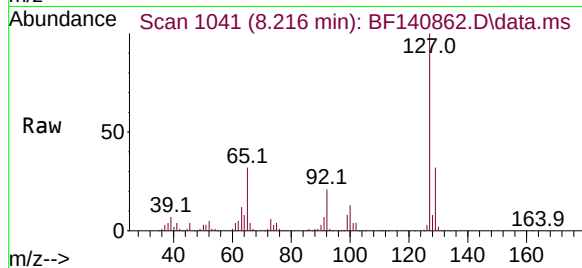
Ion Ratio Lower Upper

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

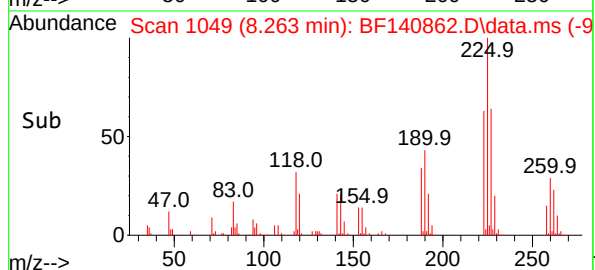
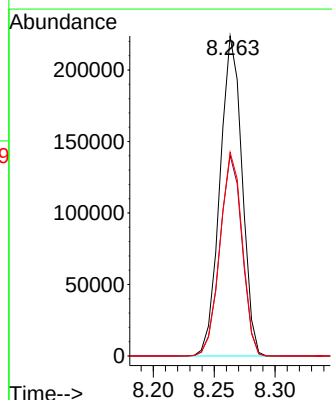
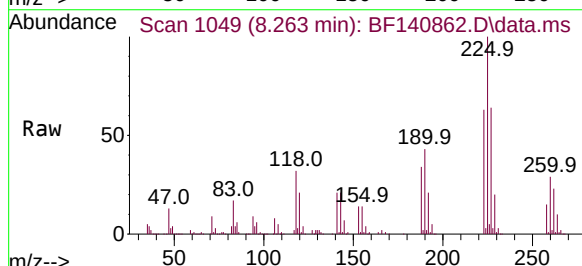
Tgt Ion:225 Resp: 282790

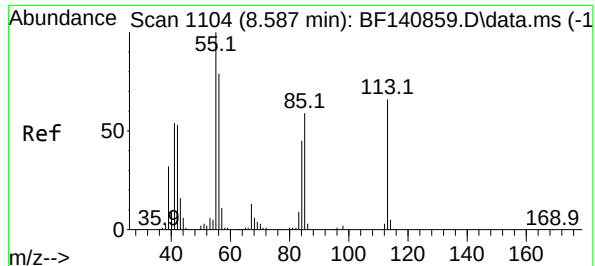
Ion Ratio Lower Upper

225 100

223 62.7 49.6 74.4

227 63.7 50.7 76.1

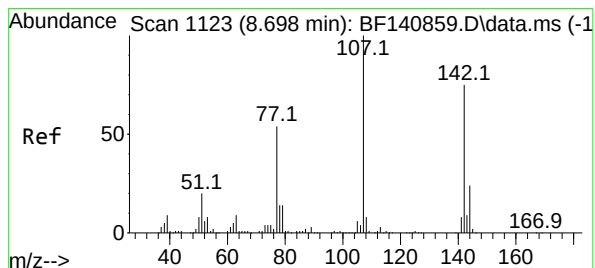
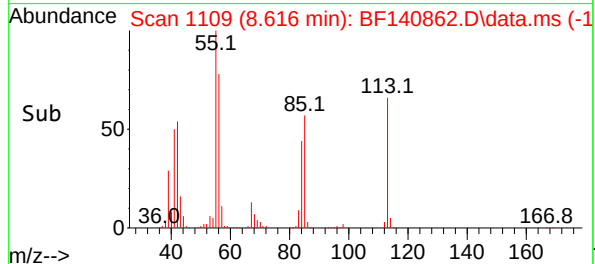
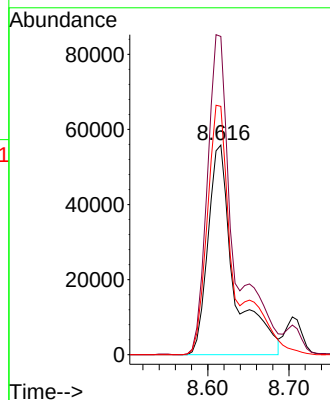
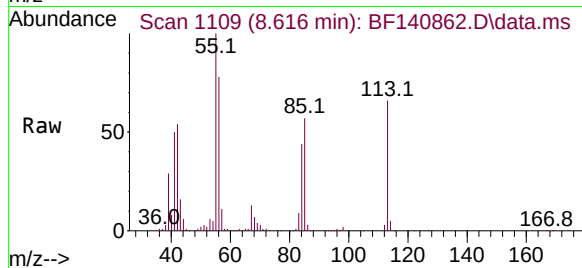




#35
Caprolactam
Concen: 85.813 ng m
RT: 8.616 min Scan# 1109
Delta R.T. 0.029 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

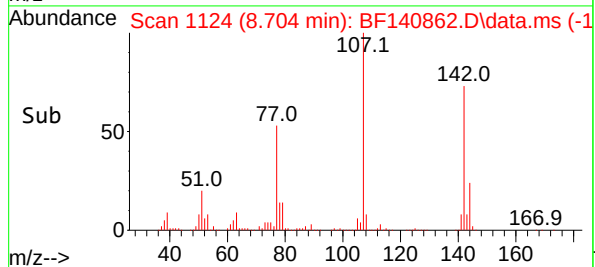
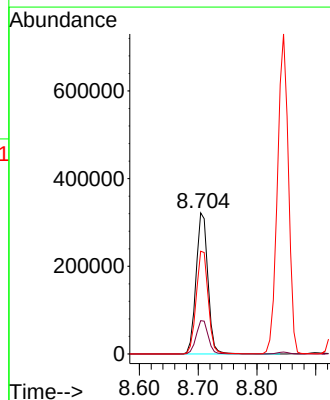
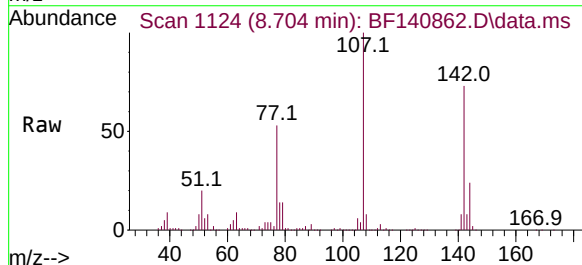
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

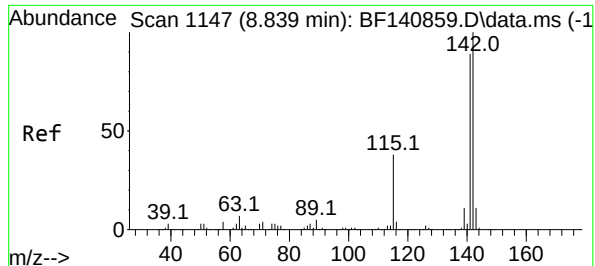
Tgt Ion:113 Resp: 125537
Ion Ratio Lower Upper
113 100
55 151.8 132.3 172.3
56 118.4 100.3 140.3



#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# 1148

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

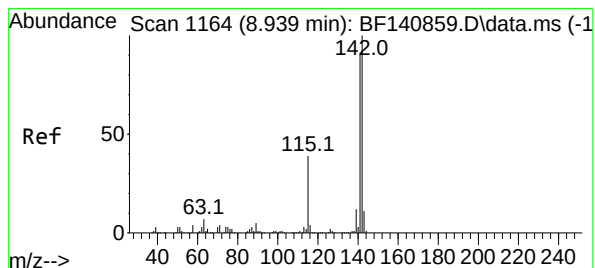
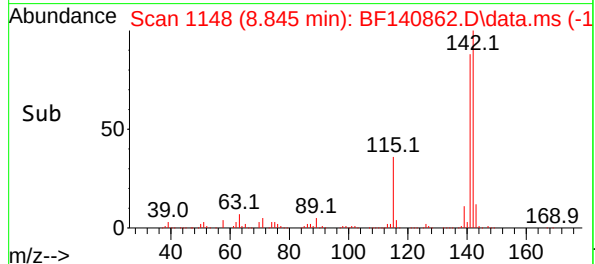
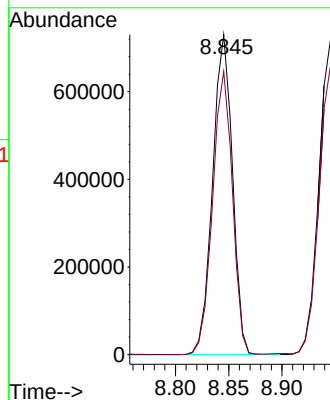
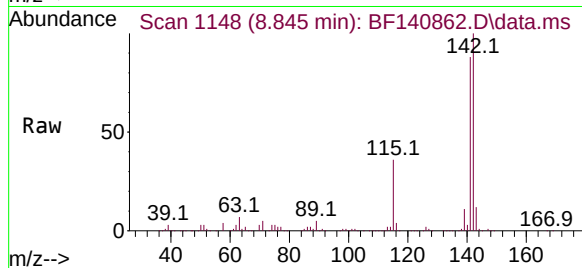
SSTDICC080

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

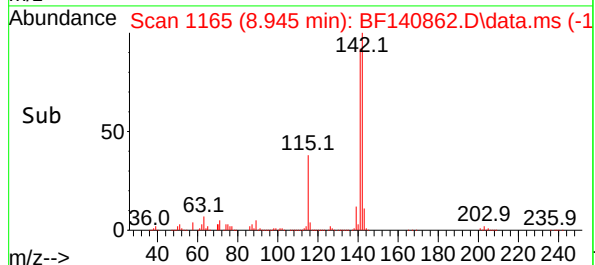
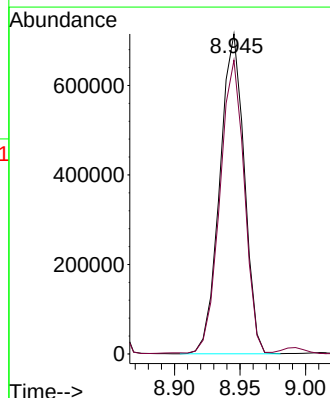
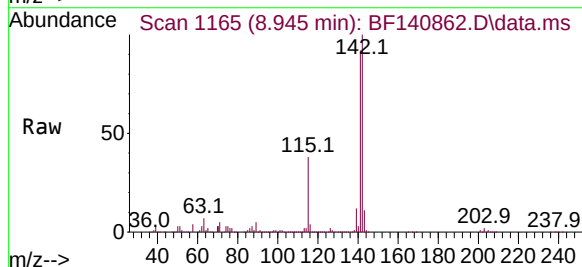
Acq: 16 Dec 2024 16:15

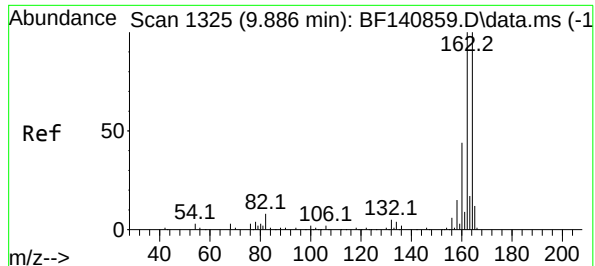
Tgt Ion:142 Resp: 925535

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# 1175

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

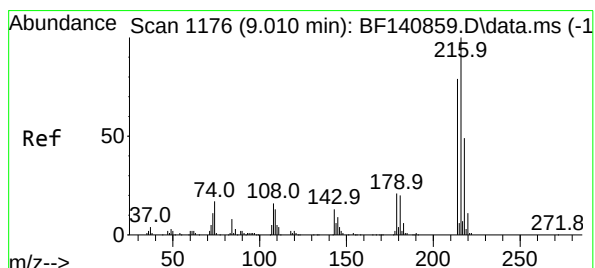
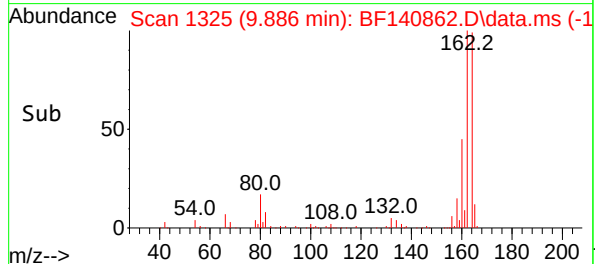
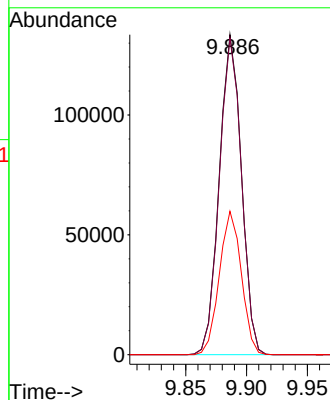
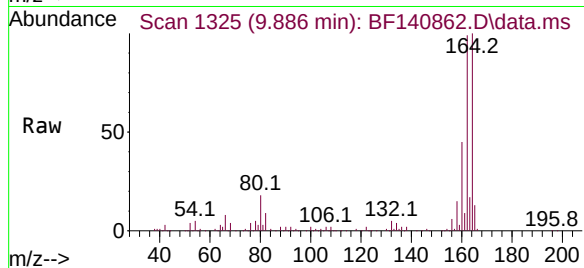
Tgt Ion:164 Resp: 169321

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

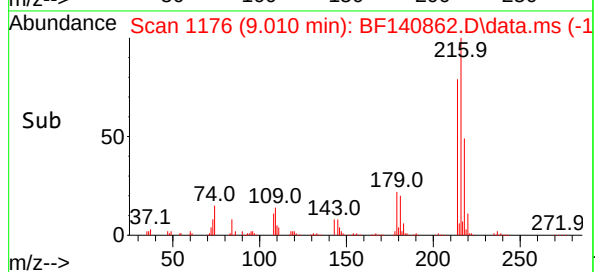
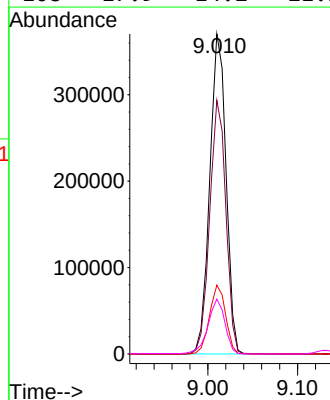
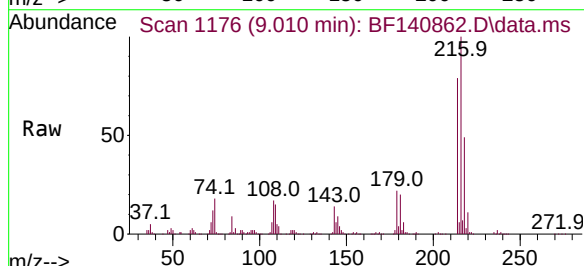
Ion Ratio Lower Upper

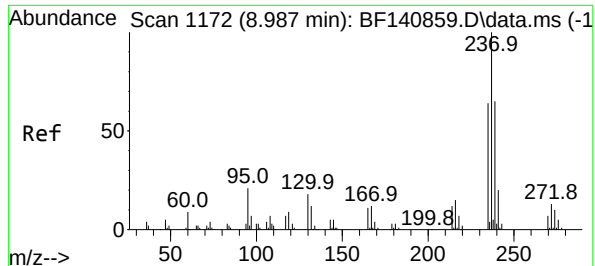
216 100

214 78.7 63.6 95.4

179 21.3 17.0 25.4

108 17.9 14.2 21.2

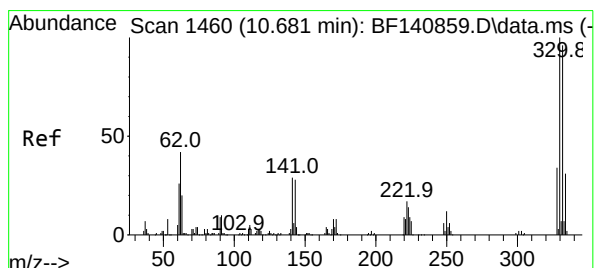
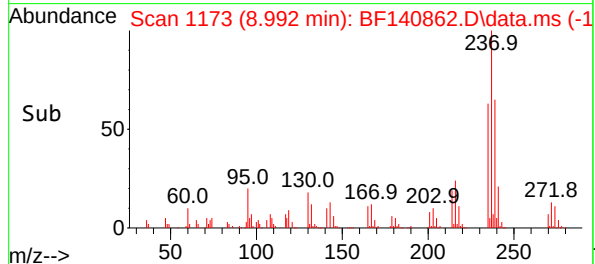
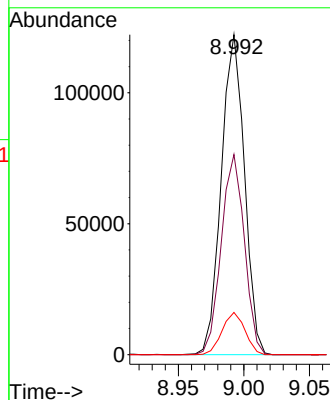
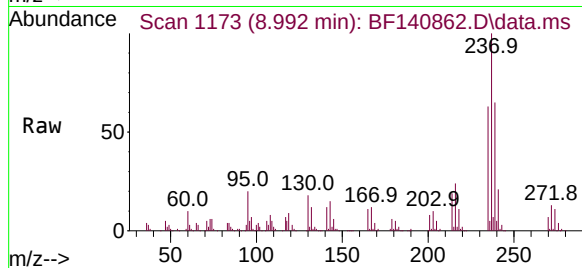




#41
Hexachlorocyclopentadiene
Concen: 80.025 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

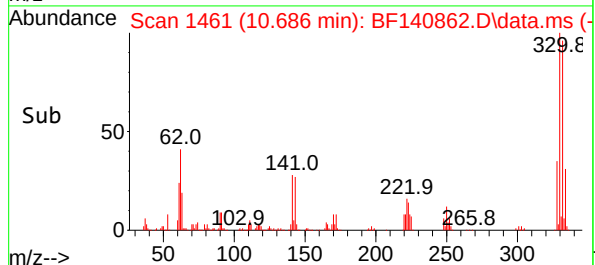
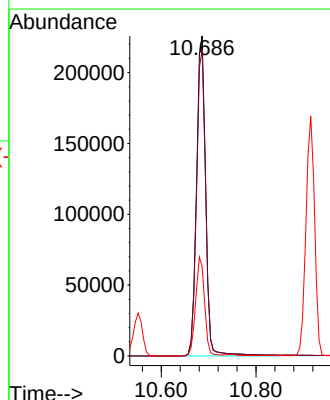
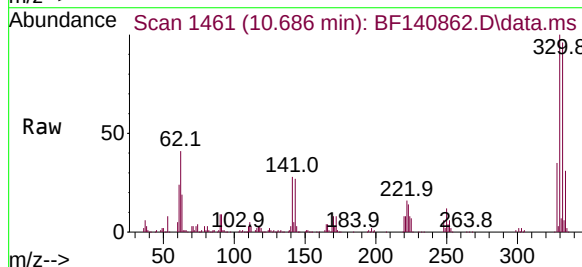
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

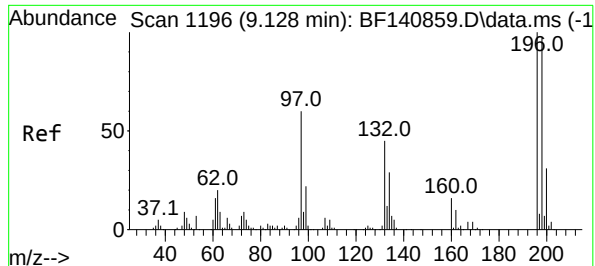
Tgt Ion:237 Resp: 149909
Ion Ratio Lower Upper
237 100
235 62.6 43.7 83.7
272 13.2 0.0 32.9



#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# 1196

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

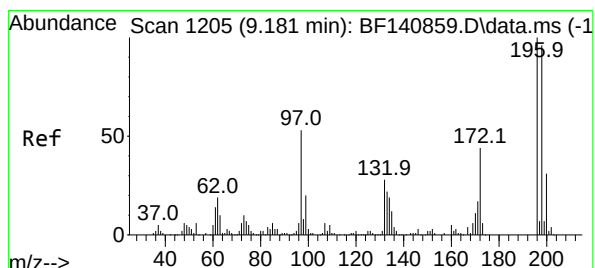
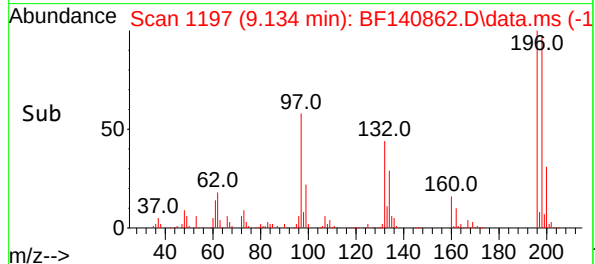
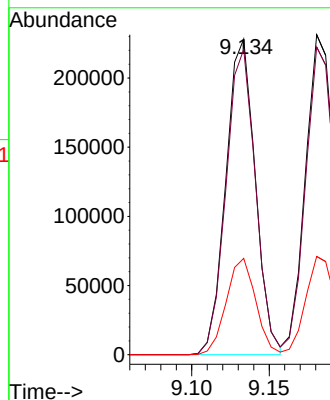
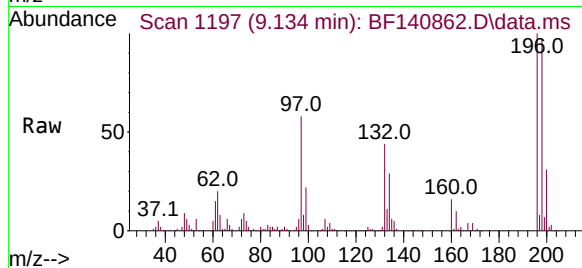
Tgt Ion:196 Resp: 301828

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

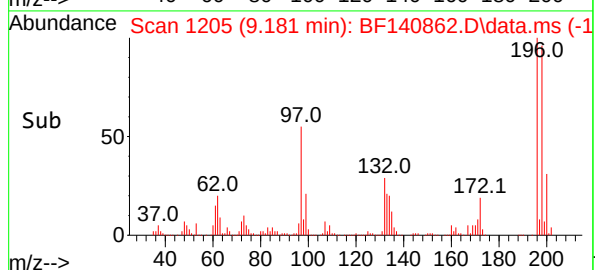
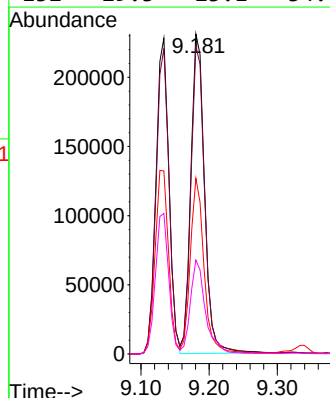
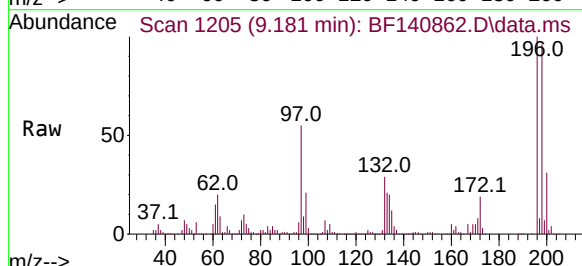
Ion Ratio Lower Upper

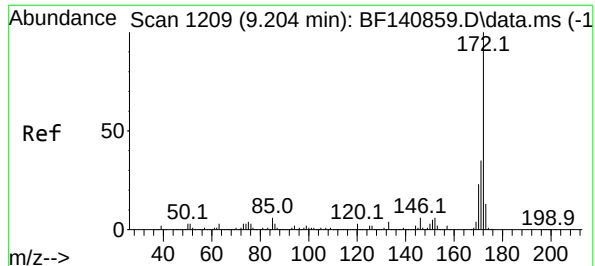
196 100

198 96.1 77.2 115.8

97 54.9 42.2 63.4

132 29.3 23.1 34.7

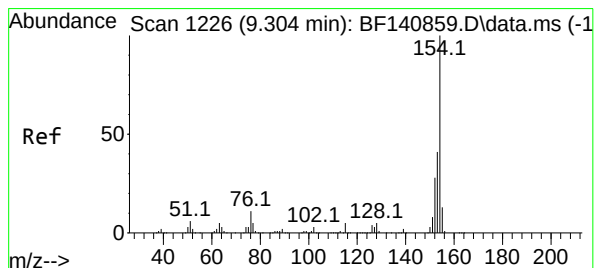
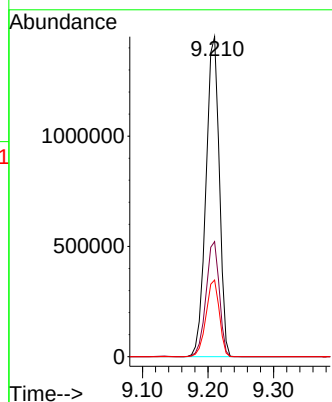
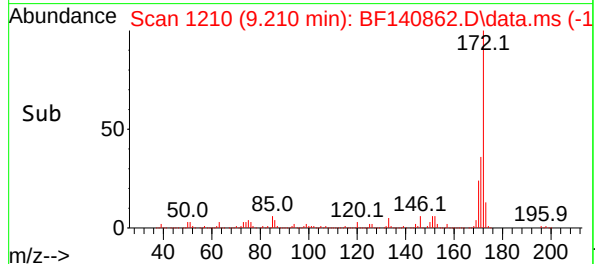
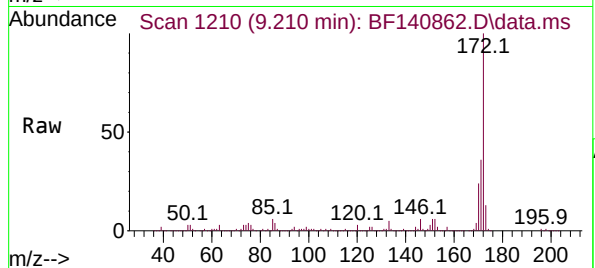




#45
2-Fluorobiphenyl
Concen: 166.807 ng
RT: 9.210 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

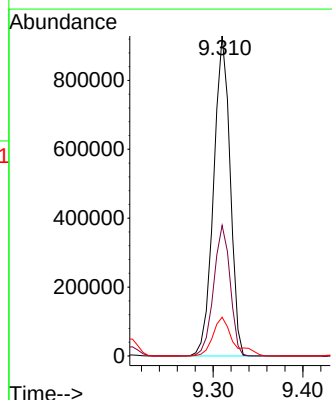
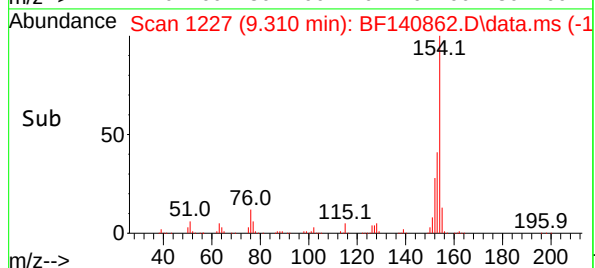
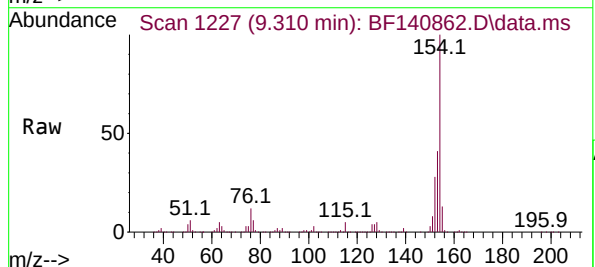
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

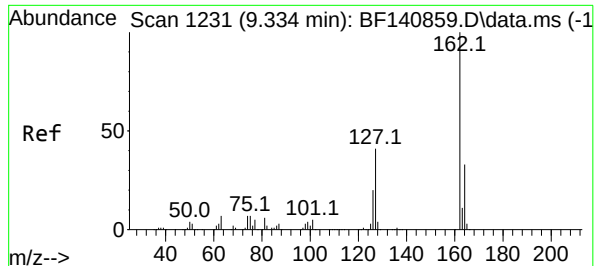
Tgt Ion:172 Resp: 2054327
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.0 18.6 28.0



#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# 1231

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

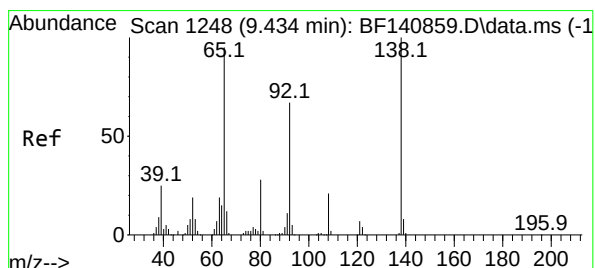
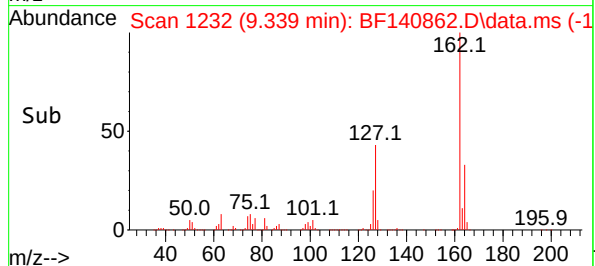
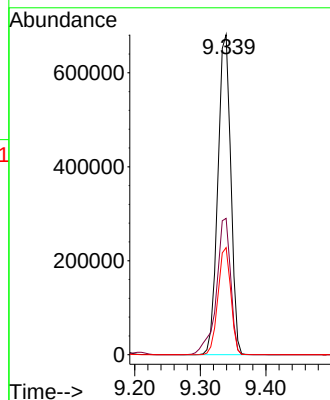
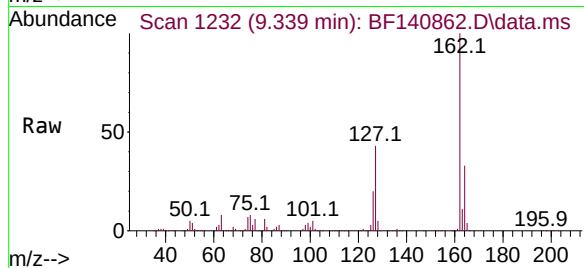
Tgt Ion:162 Resp: 927799

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

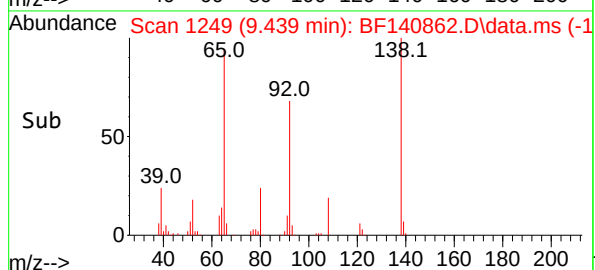
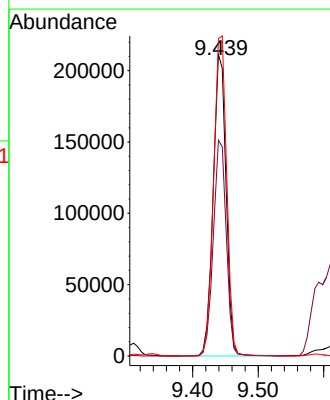
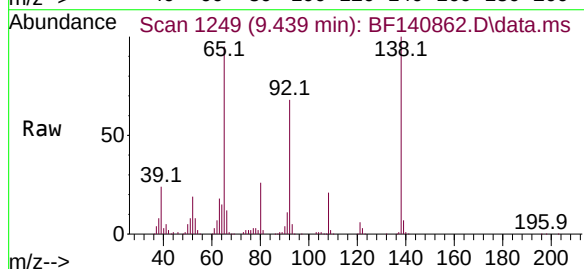
Tgt Ion: 65 Resp: 289810

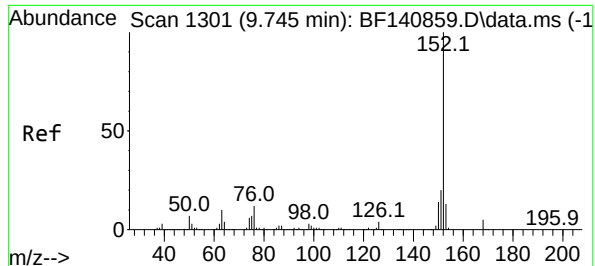
Ion Ratio Lower Upper

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# 11

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

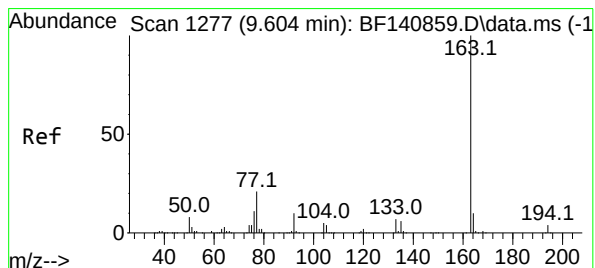
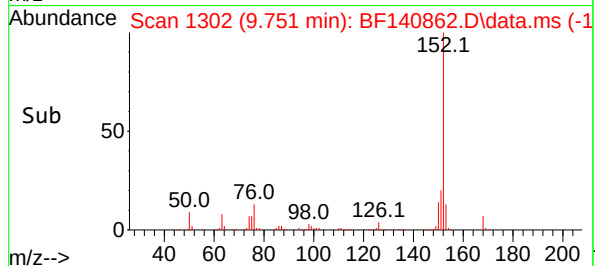
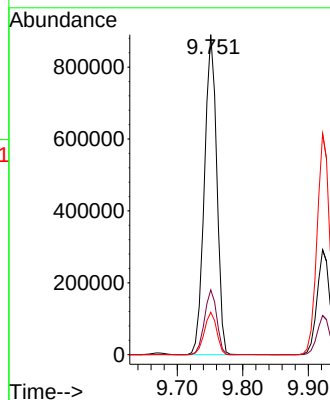
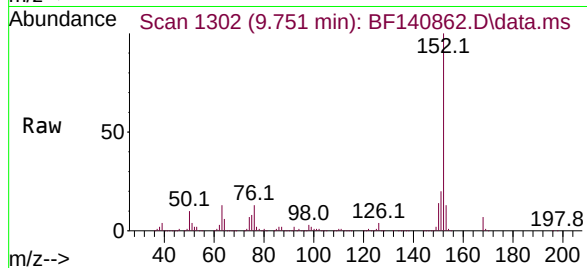
Tgt Ion:152 Resp: 1169747

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

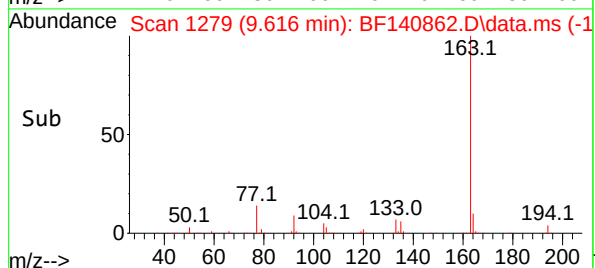
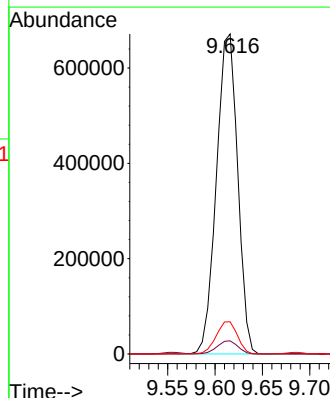
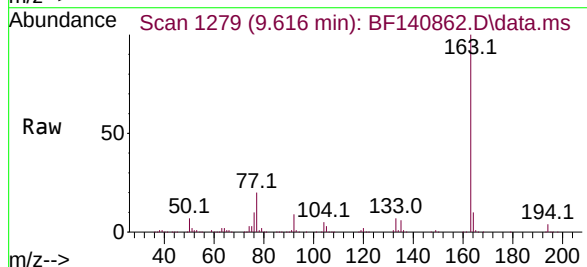
Tgt Ion:163 Resp: 1049196

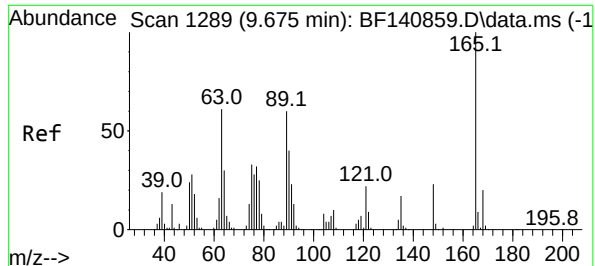
Ion Ratio Lower Upper

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# 1289

Delta R.T. 0.012 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

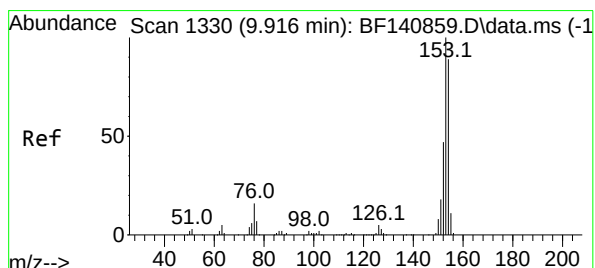
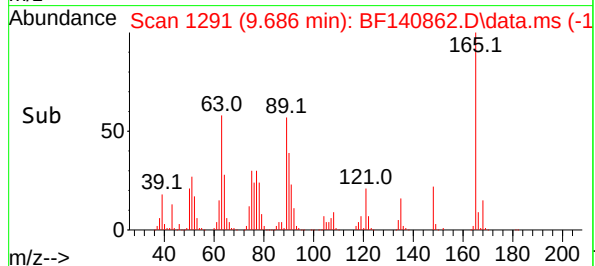
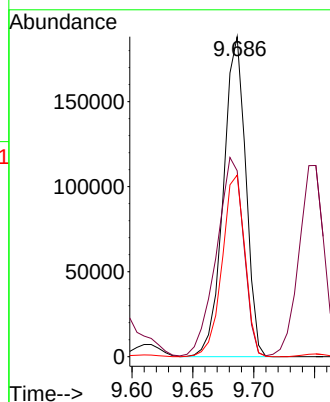
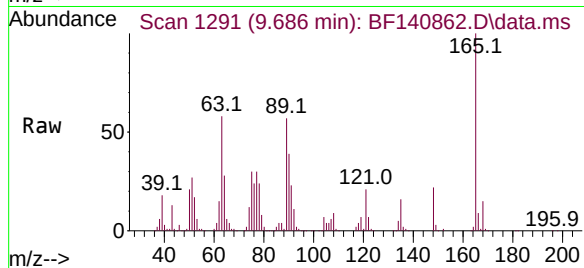
Tgt Ion:165 Resp: 240439

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

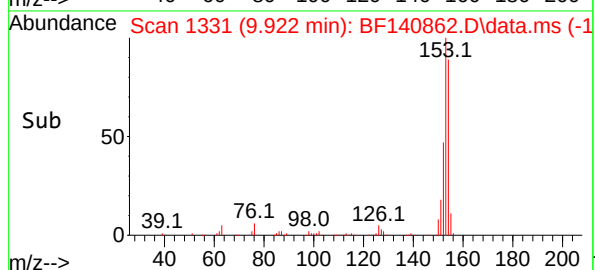
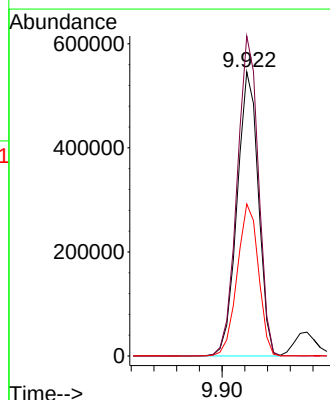
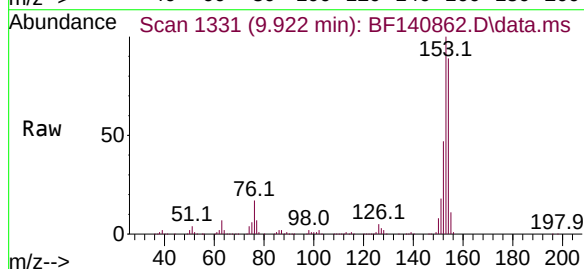
Tgt Ion:154 Resp: 710789

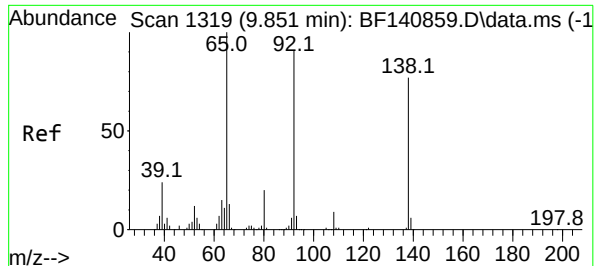
Ion Ratio Lower Upper

154 100

153 112.6 89.9 134.9

152 53.5 42.6 63.8

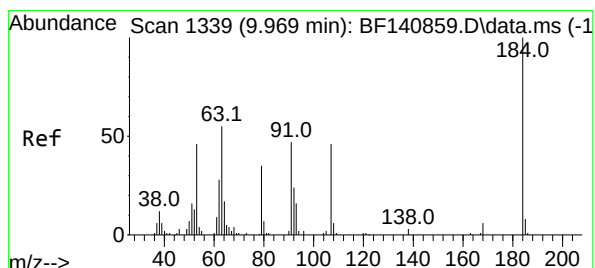
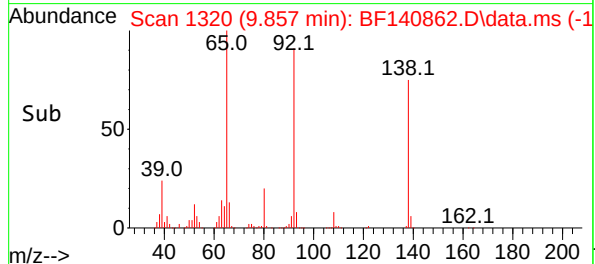
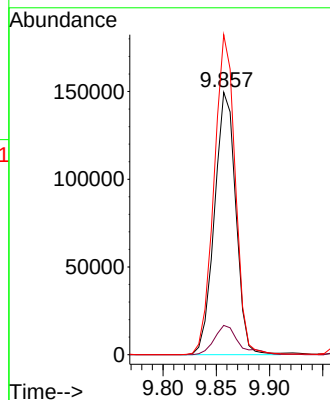
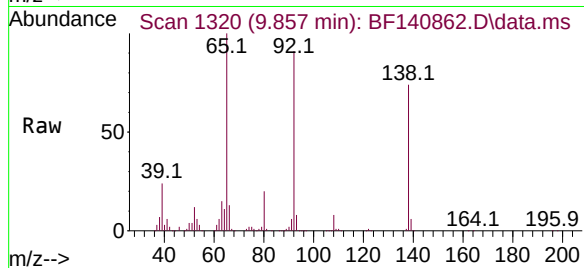




#53
3-Nitroaniline
Concen: 76.804 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

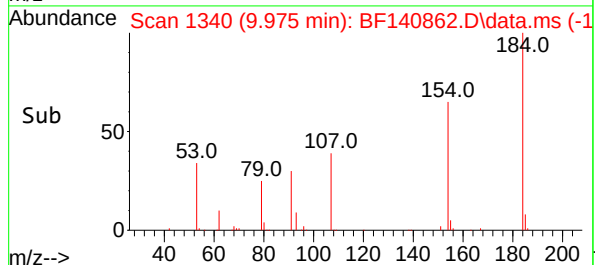
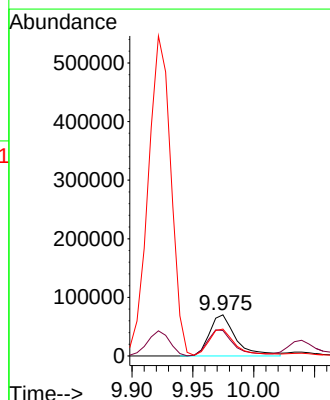
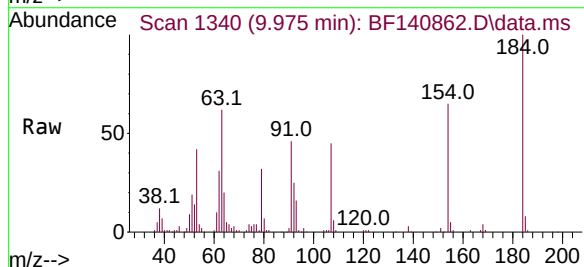
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

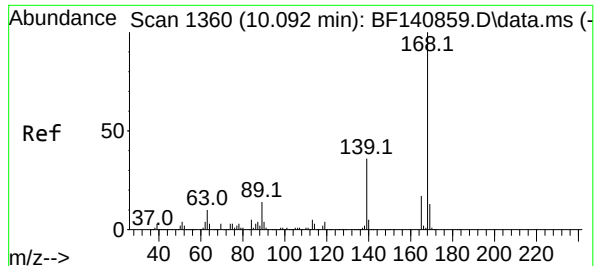
Tgt Ion:138 Resp: 208004
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 122.0 95.5 143.3



#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

Dibenzenofuran

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

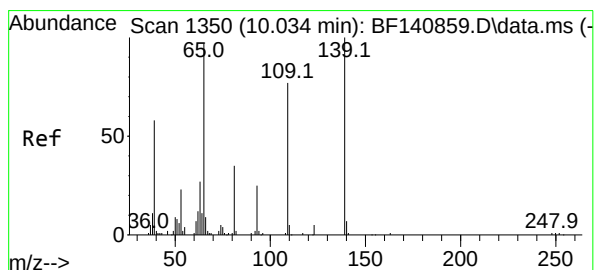
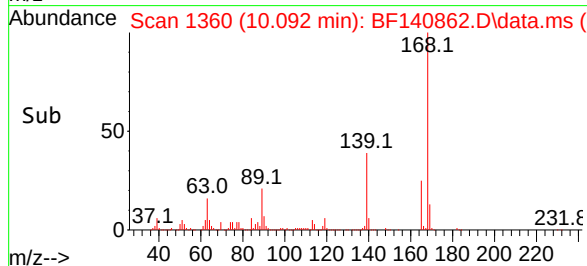
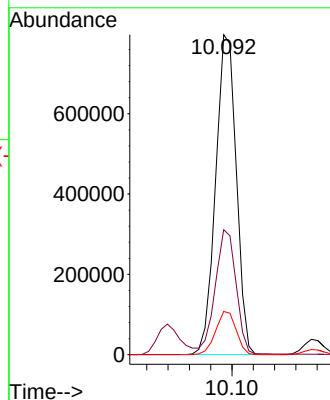
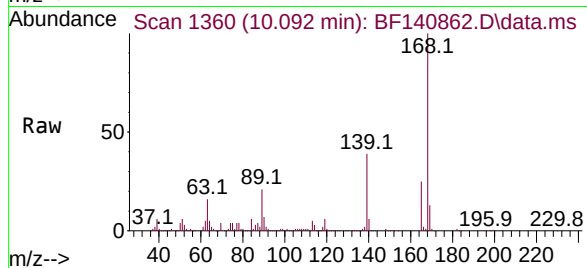
Tgt Ion:168 Resp: 1071923

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

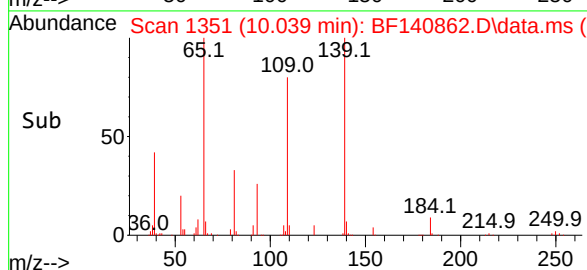
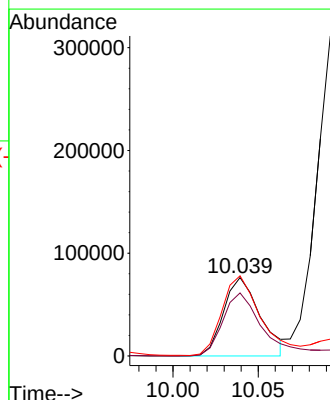
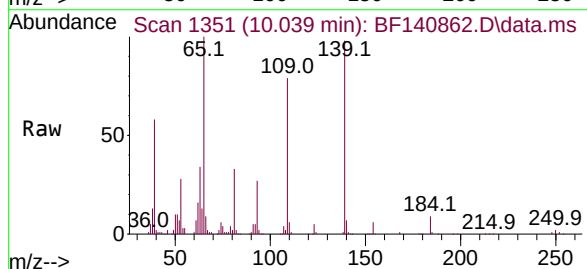
Tgt Ion:139 Resp: 112972

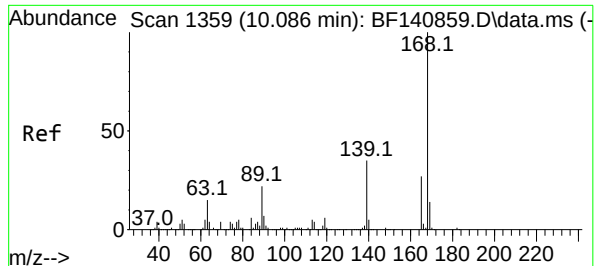
Ion Ratio Lower Upper

139 100

109 80.5 56.7 96.7

65 102.3 78.1 118.1

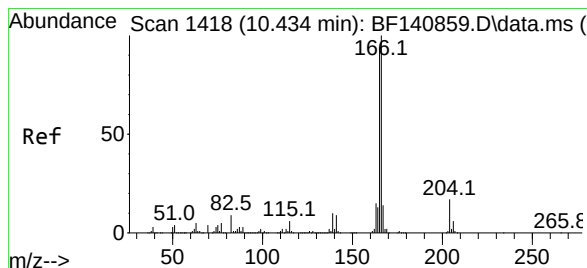
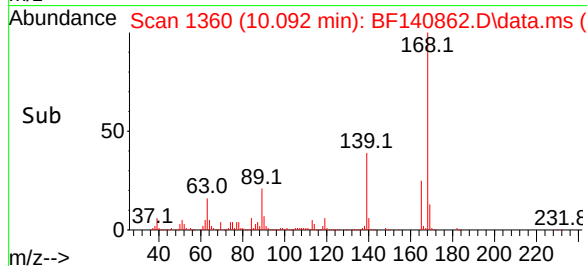
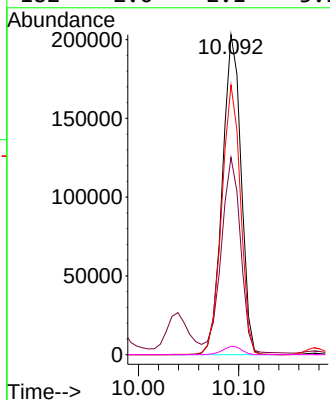
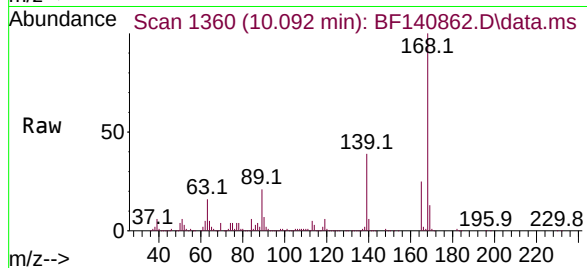




#57
2,4-Dinitrotoluene
Concen: 73.423 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

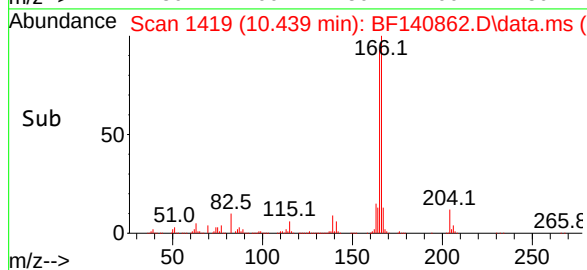
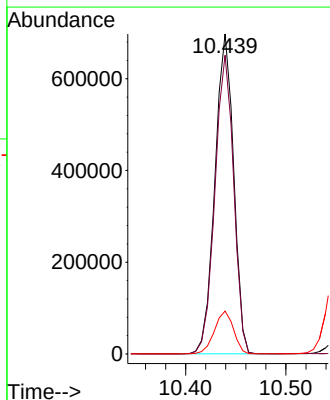
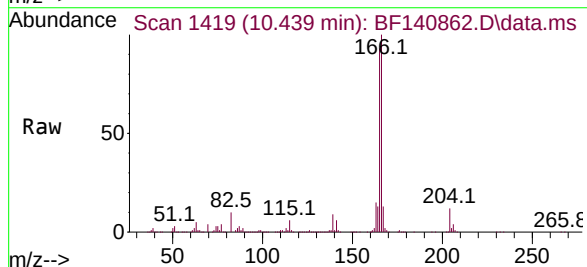
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

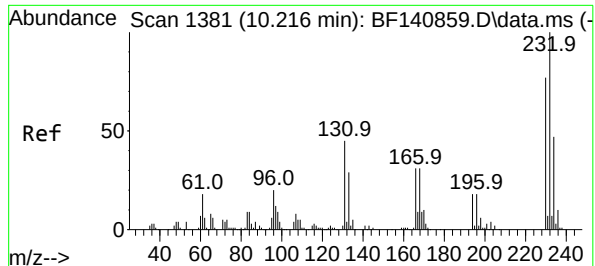
Tgt Ion:165 Resp: 263636
Ion Ratio Lower Upper
165 100
63 61.7 49.3 73.9
89 84.3 66.2 99.4
182 2.6 2.1 3.1



#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

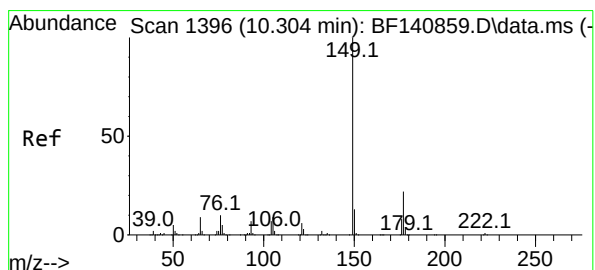
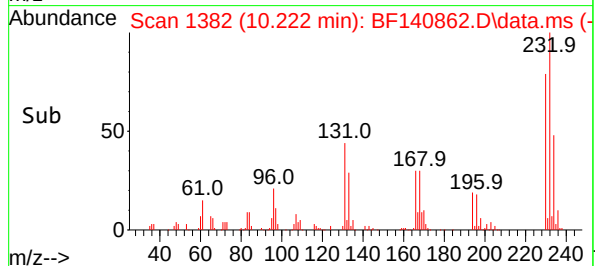
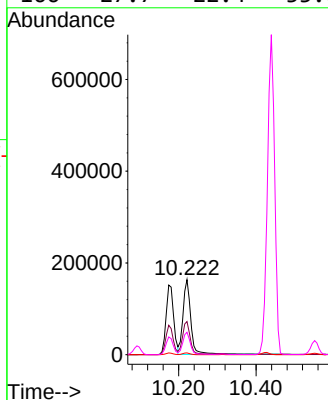
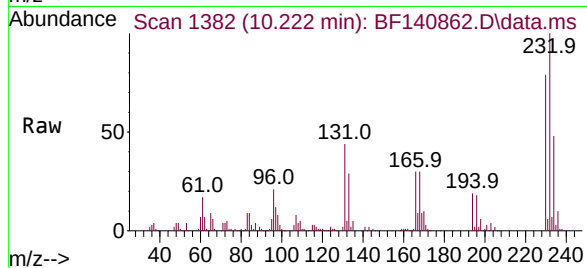




#59
2,3,4,6-Tetrachlorophenol
Concen: 80.870 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

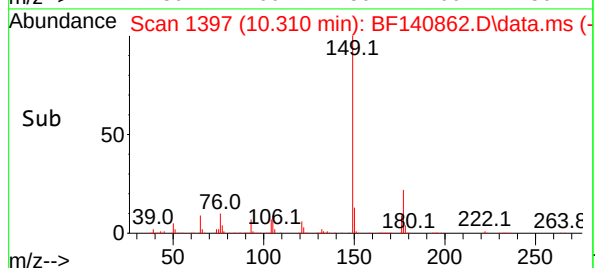
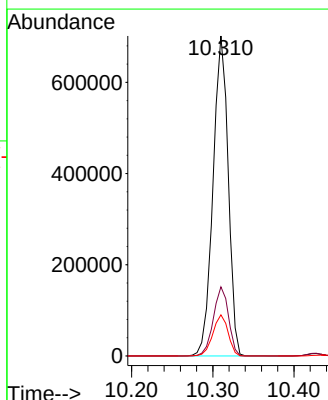
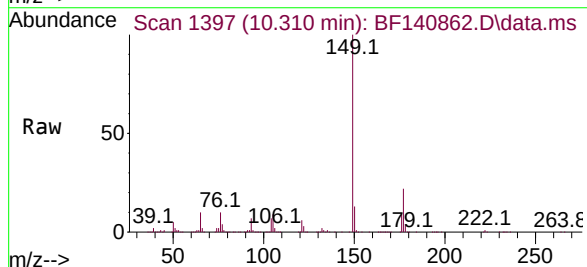
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

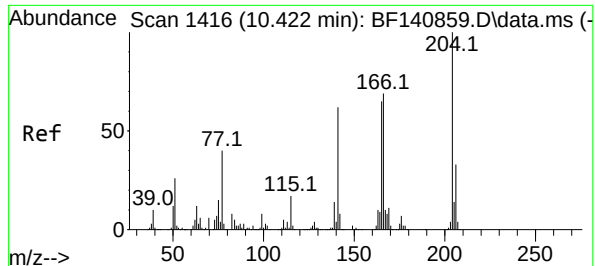
Tgt Ion:232 Resp: 230812
Ion Ratio Lower Upper
232 100
131 43.4 35.1 52.7
130 2.1 1.8 2.8
166 27.7 22.4 33.6



#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

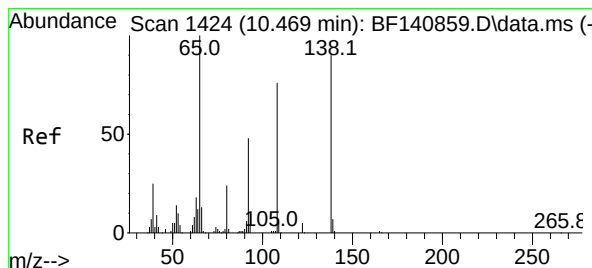
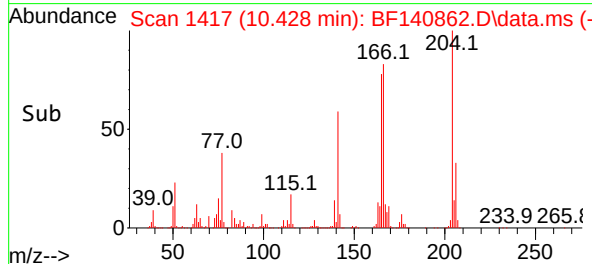
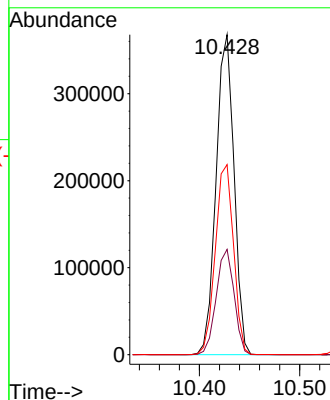
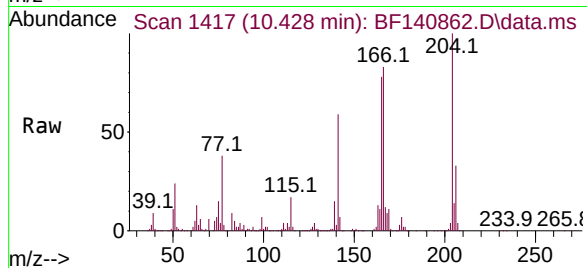




#61
4-Chlorophenyl-phenylether
Concen: 73.562 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

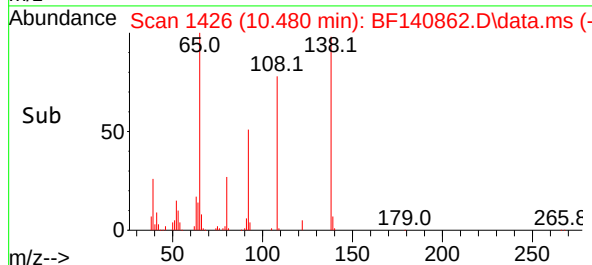
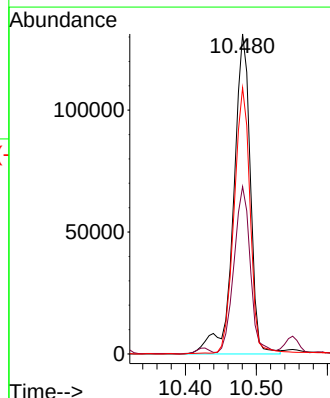
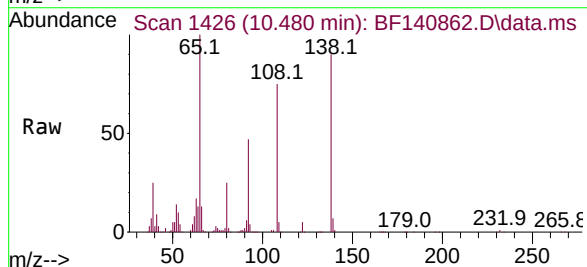
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

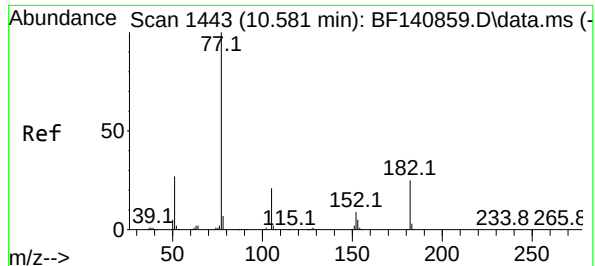
Tgt Ion:204 Resp: 456754
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 59.4 50.0 75.0



#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

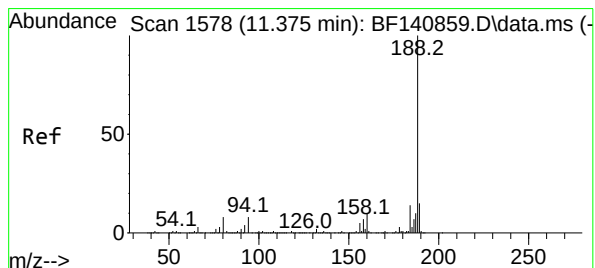
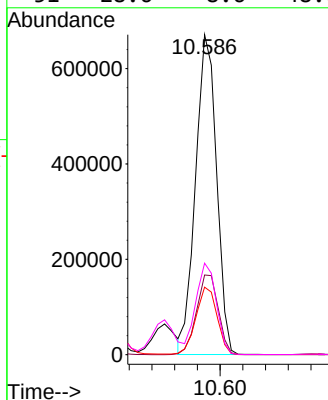
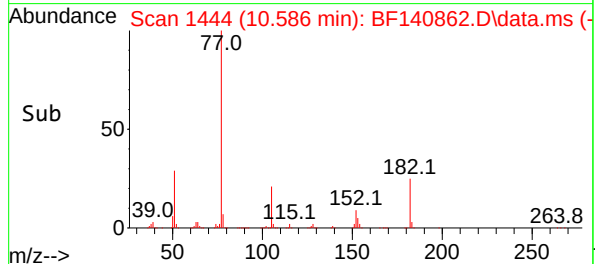
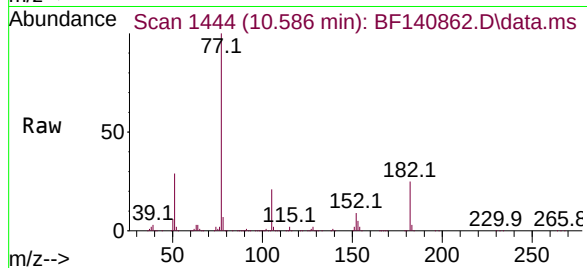




#63
Azobenzene
Concen: 74.110 ng
RT: 10.586 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

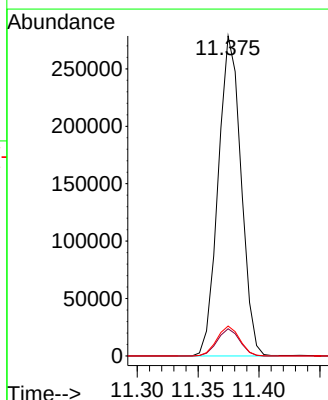
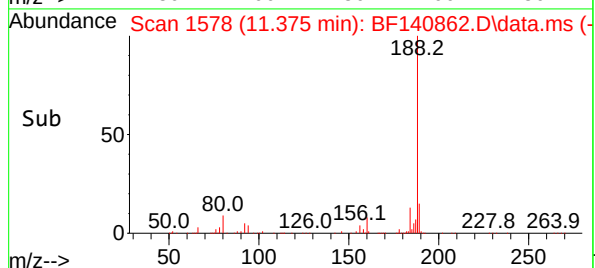
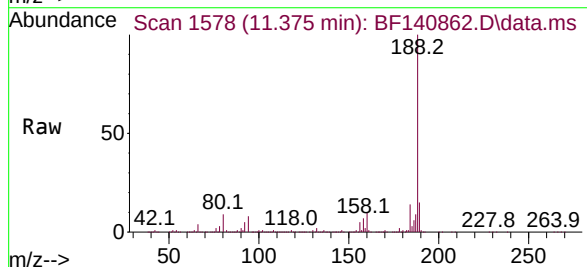
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

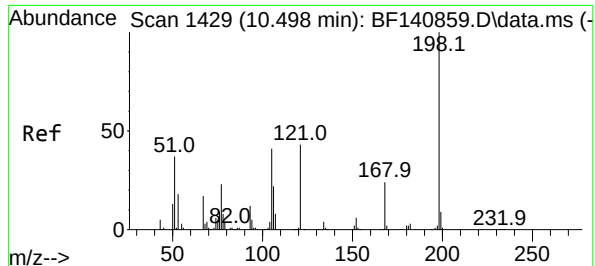
Tgt Ion: 77 Resp: 862457
Ion Ratio Lower Upper
77 100
182 24.9 4.5 44.5
105 21.1 0.9 40.9
51 28.6 8.6 48.6



#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

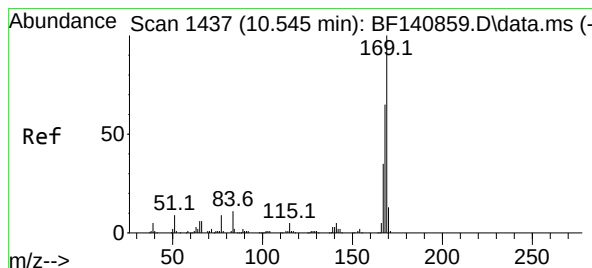
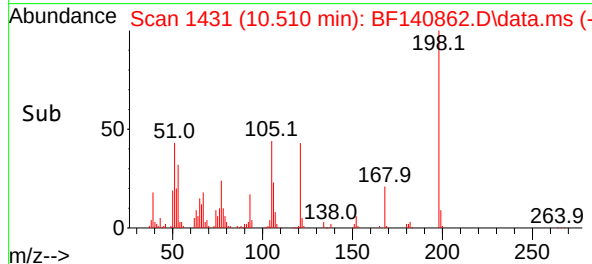
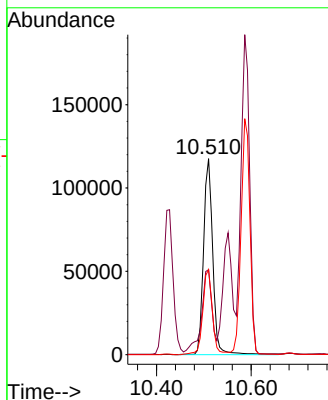
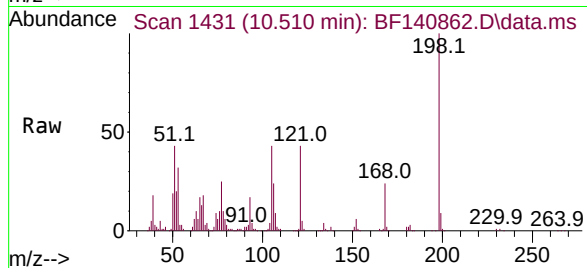




#65
4,6-Dinitro-2-methylphenol
Concen: 76.975 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

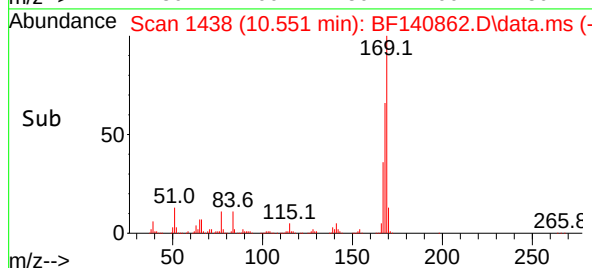
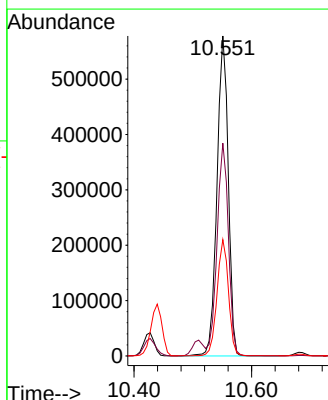
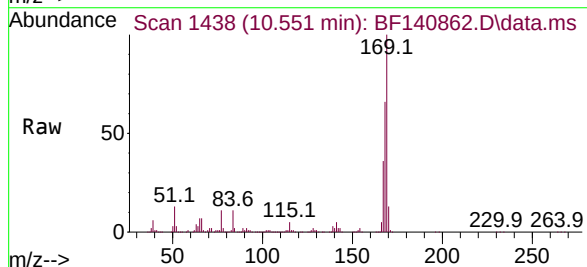
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

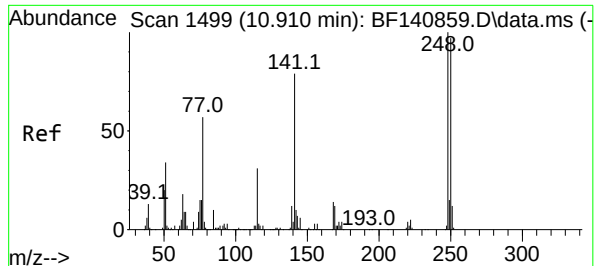
Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.3	24.4	64.4
105	43.4	22.1	62.1



#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	Ratio	Lower	Upper
169	100		
168	66.5	53.4	80.0
167	36.3	28.3	42.5

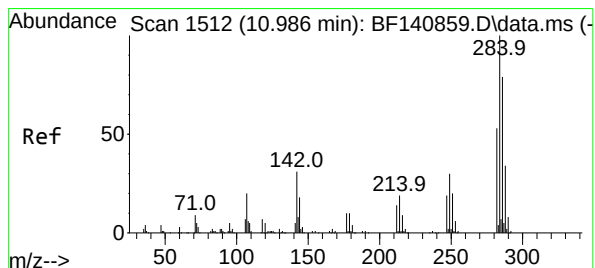
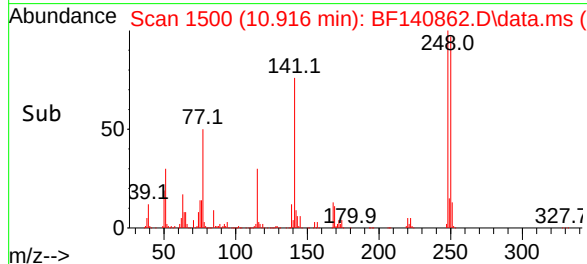
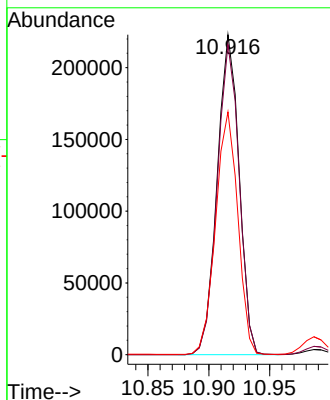
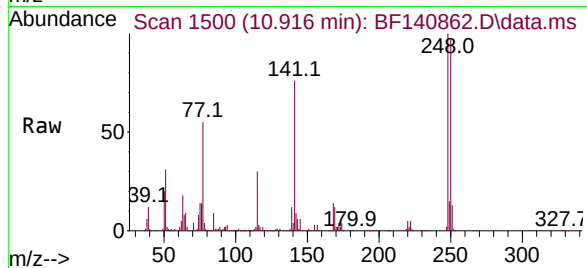




#67
4-Bromophenyl-phenylether
Concen: 68.648 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

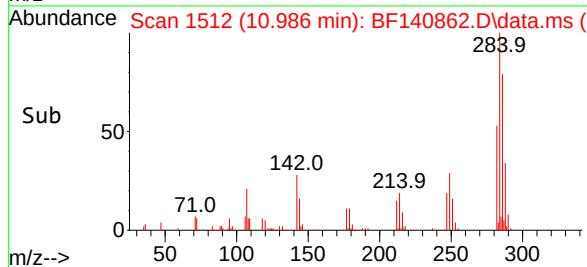
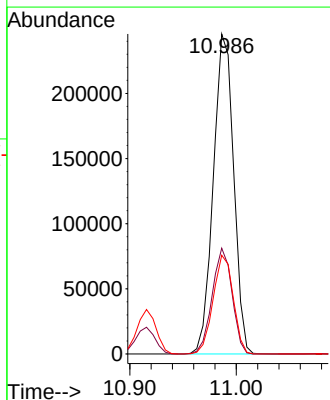
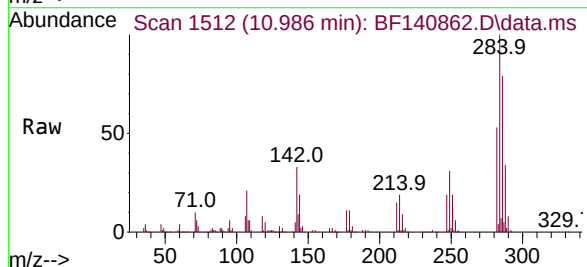
Instrument :
BNA_F
ClientSampleId :
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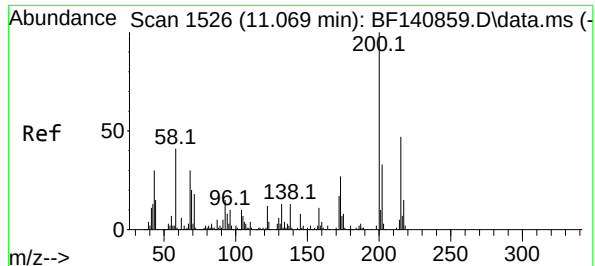
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.4	116.2
141	75.9	62.9	94.3



#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	Ratio	Lower	Upper
284	100		
142	33.1	24.6	36.8
249	30.9	24.3	36.5

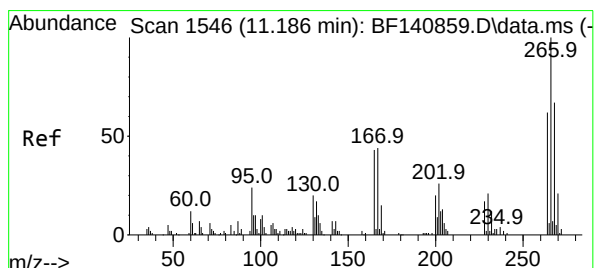
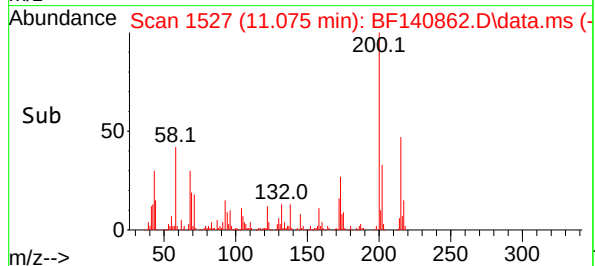
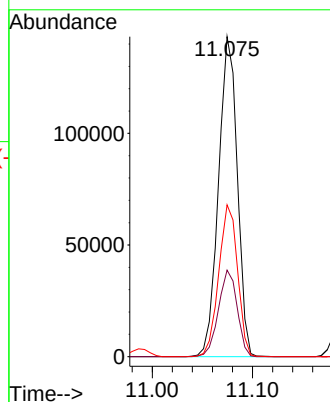
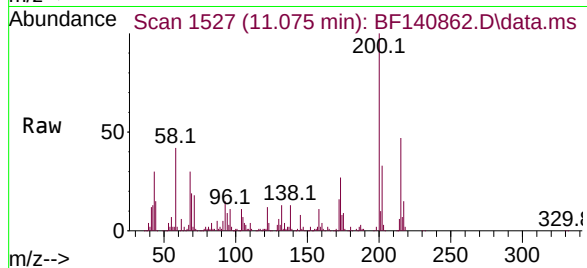




#69
Atrazine
Concen: 59.385 ng
RT: 11.075 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

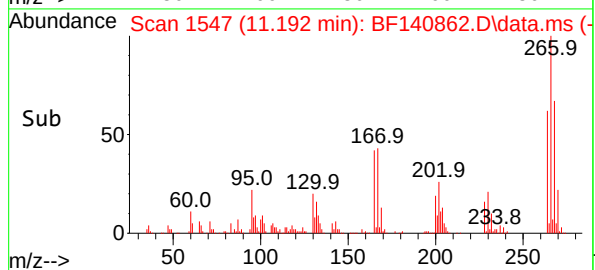
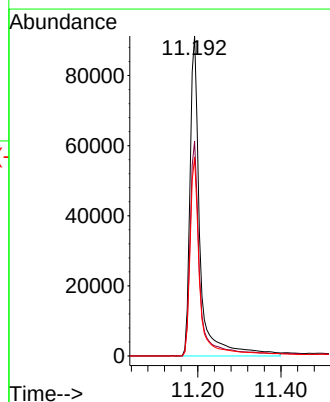
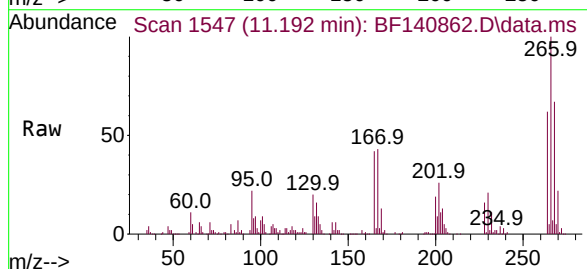
Instrument :
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ClientSampleId :
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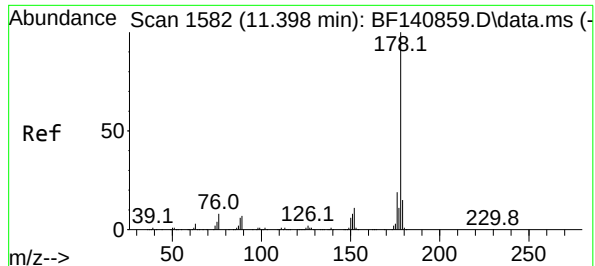
Tgt Ion:200 Resp: 185877
Ion Ratio Lower Upper
200 100
173 27.1 6.6 46.6
215 47.4 26.7 66.7



#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

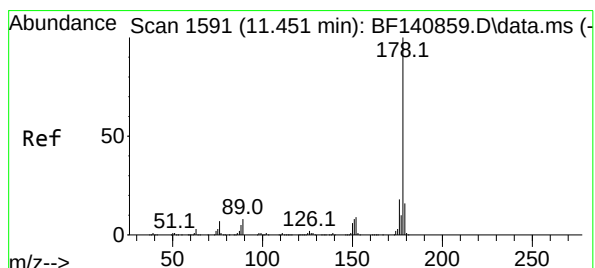
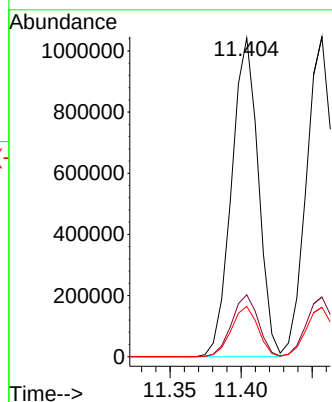
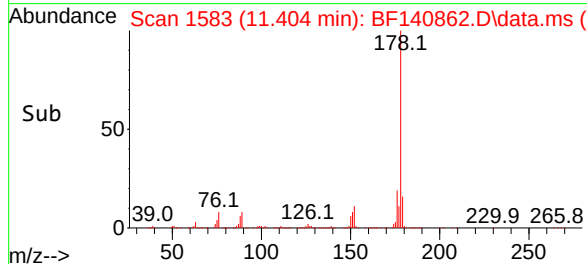
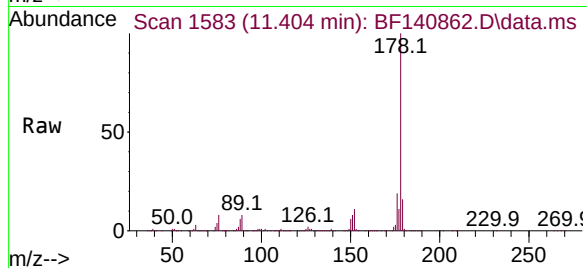




#71
Phenanthrene
Concen: 72.850 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

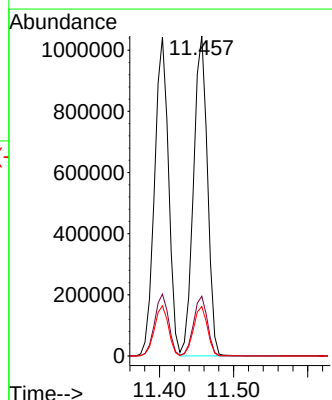
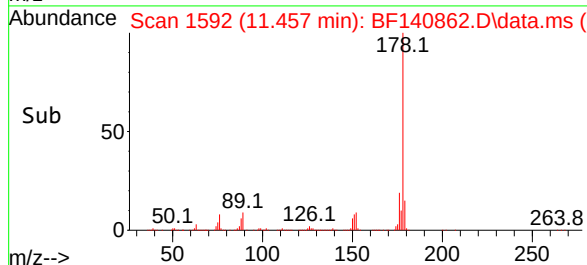
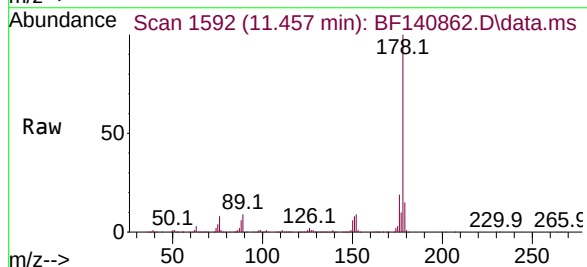
Instrument :
BNA_F
ClientSampleId :
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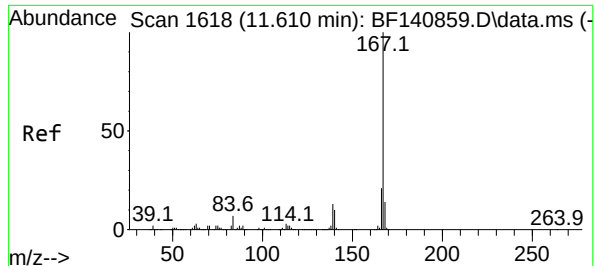
Tgt Ion:178 Resp: 1365579
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.8 12.1 18.1



#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

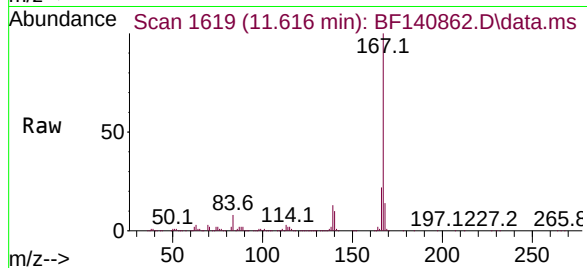
Tgt Ion:178 Resp: 1361788
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.4 12.6 18.8



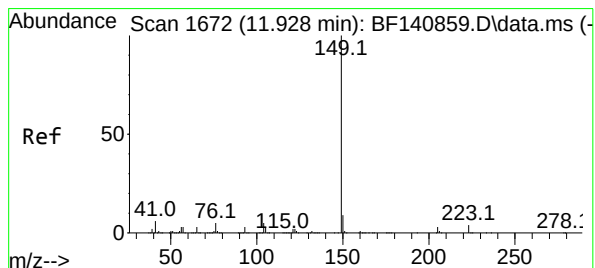
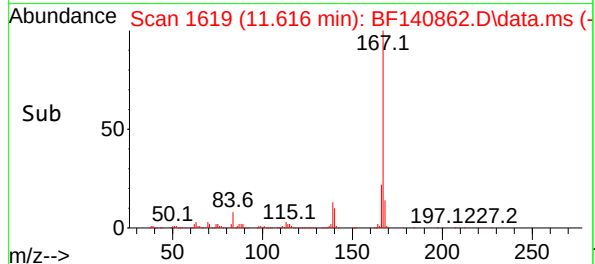
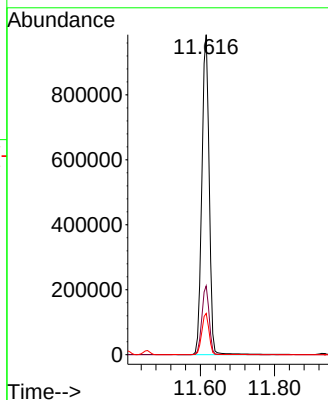


#73
Carbazole
Concen: 74.170 ng
RT: 11.616 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

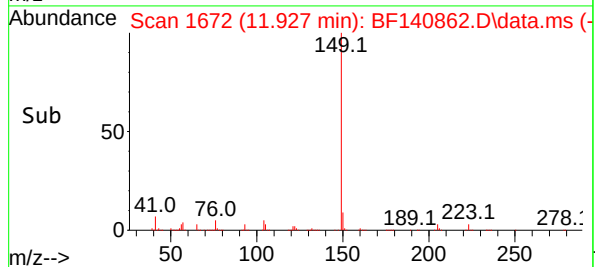
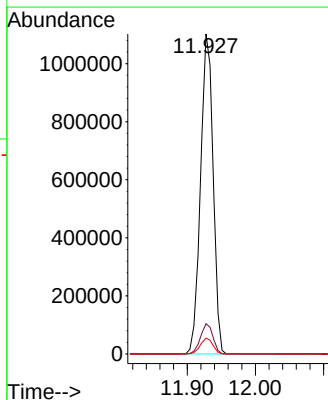
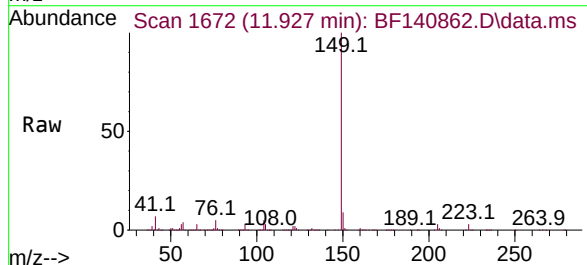


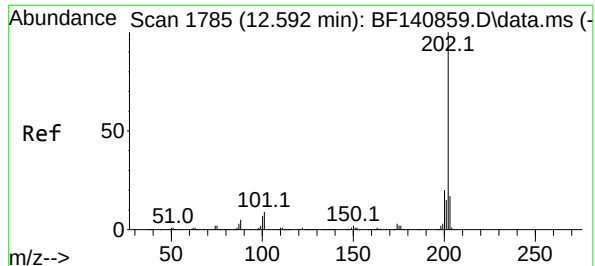
Tgt Ion:167 Resp: 1341097
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 12.9 10.2 15.2



#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

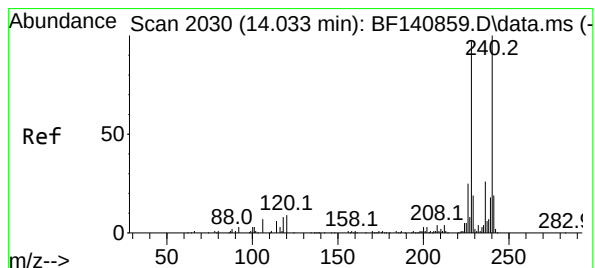
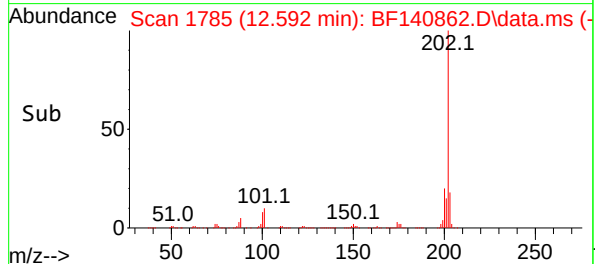
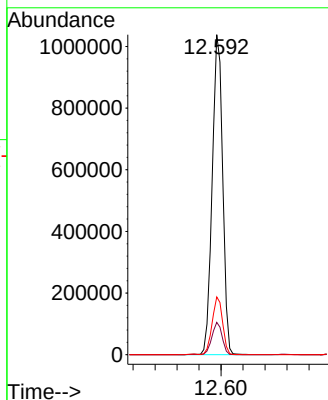
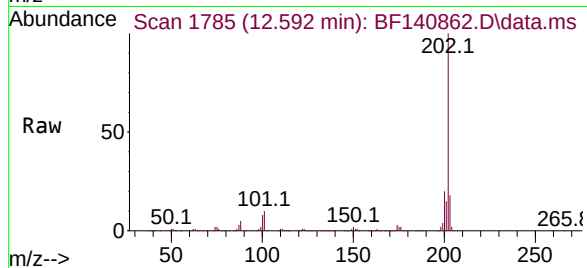




#75
Fluoranthene
Concen: 63.687 ng
RT: 12.592 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

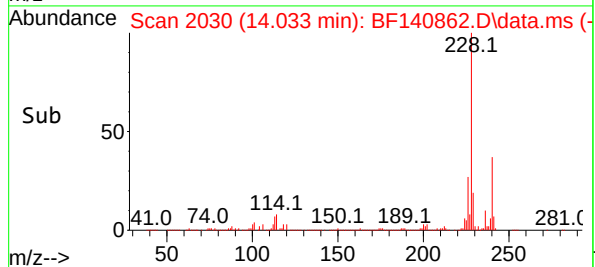
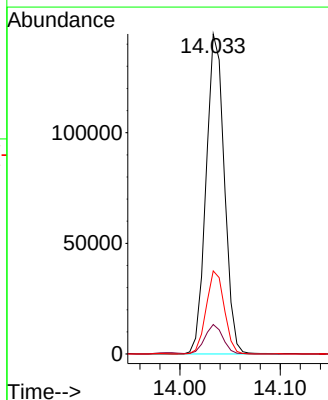
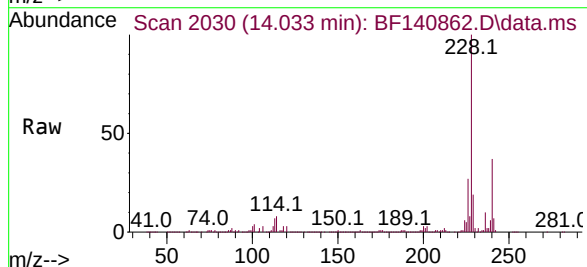
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

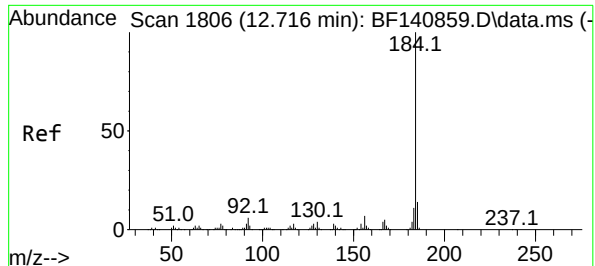
Tgt Ion:202 Resp: 1374862
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.3
203 18.1 0.0 37.4



#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

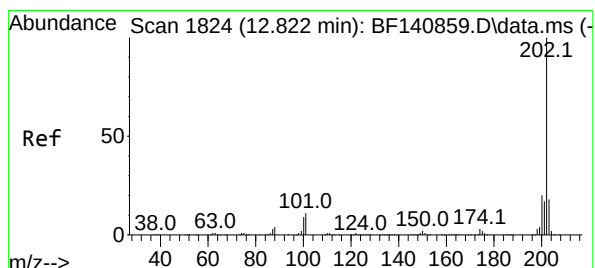
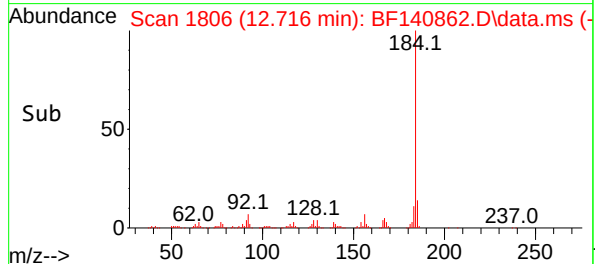
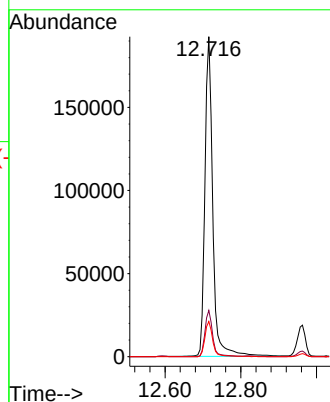
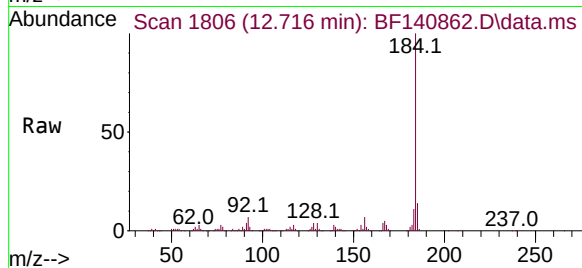




#77
Benzidine
Concen: 74.064 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

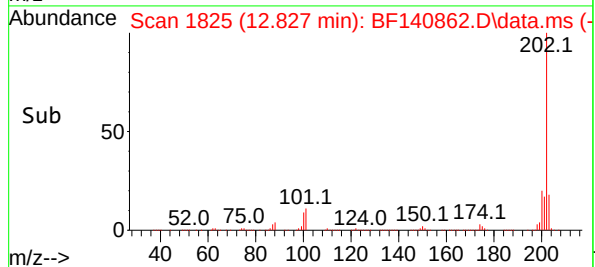
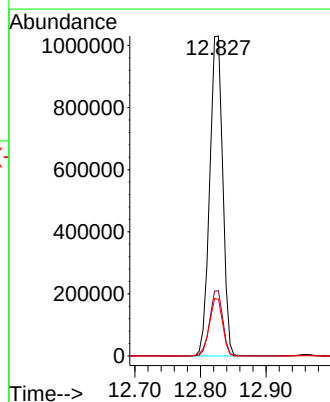
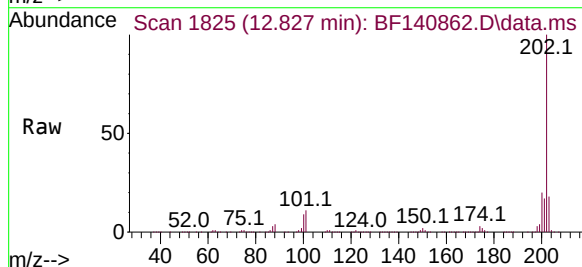
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

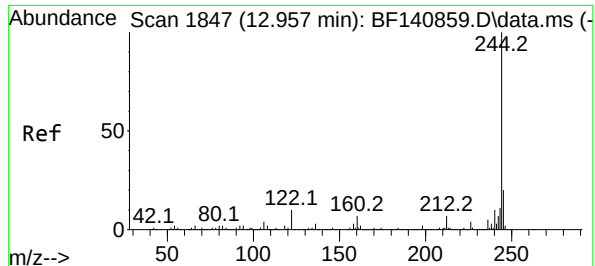
Tgt Ion:184 Resp: 276230
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 11.0 9.0 13.4



#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# 1848

Delta R.T. 0.006 min

Lab File: BF140862.D

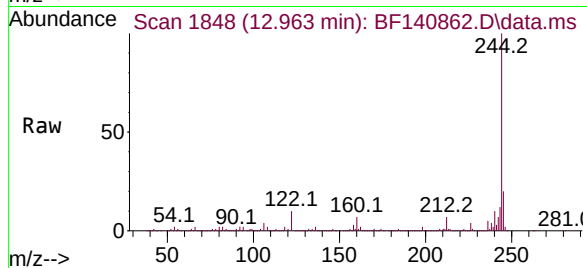
Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



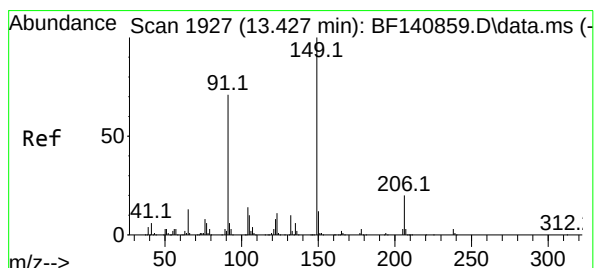
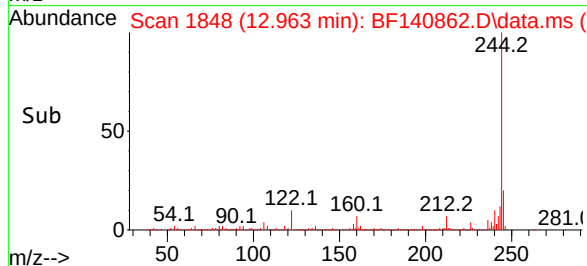
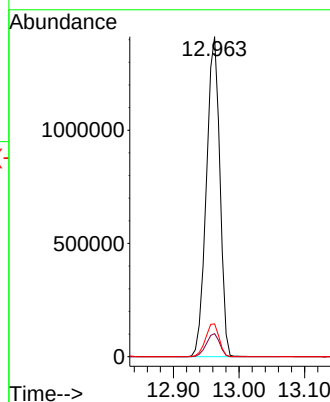
Tgt Ion:244 Resp: 2018997

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

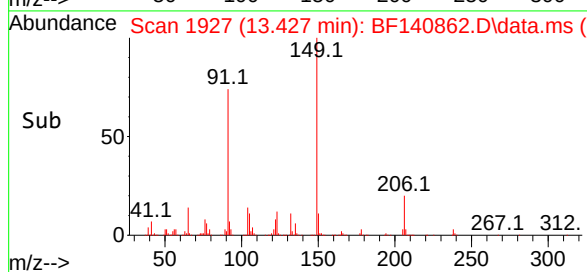
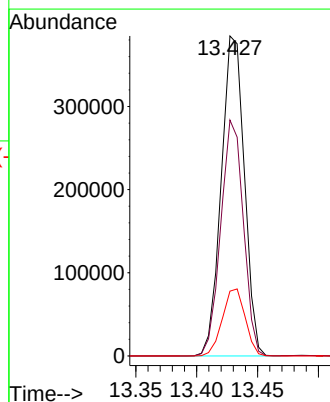
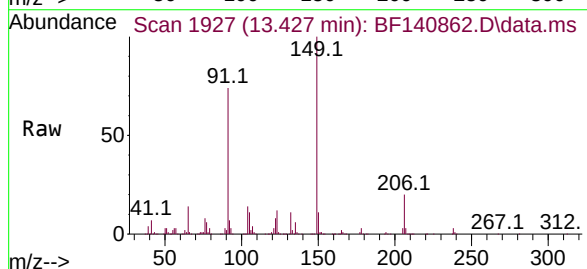
Tgt Ion:149 Resp: 508497

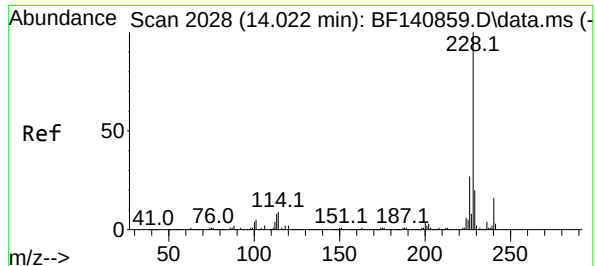
Ion Ratio Lower Upper

149 100

91 73.7 56.7 85.1

206 20.3 16.4 24.6

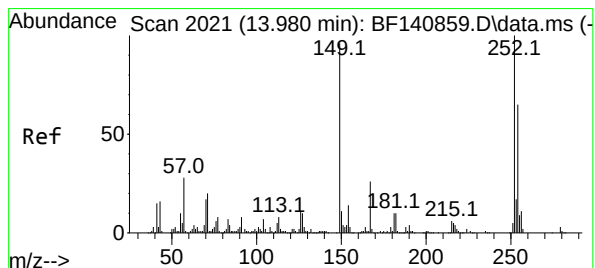
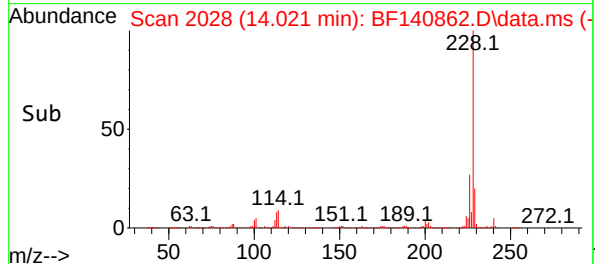
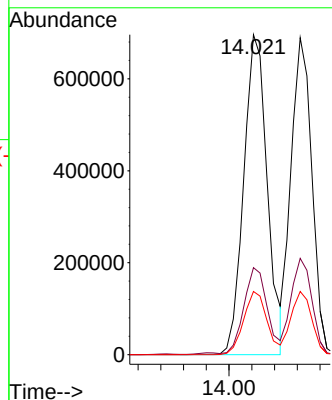
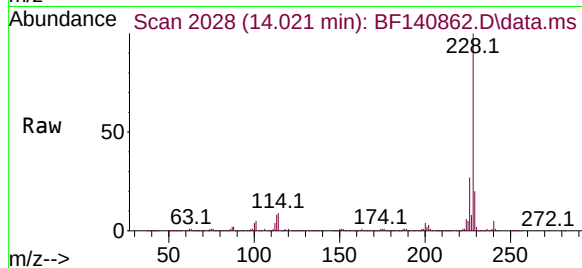




#81
Benzo(a)anthracene
Concen: 77.292 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

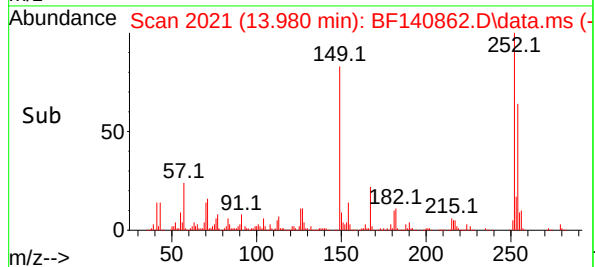
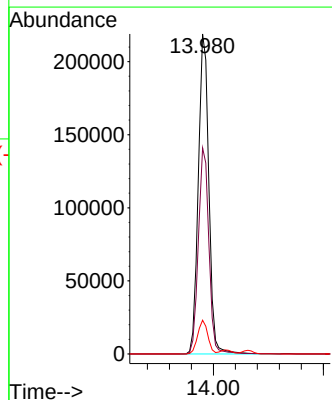
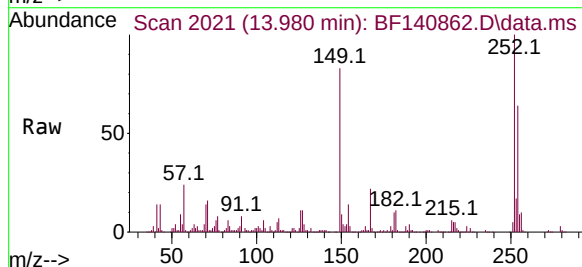
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

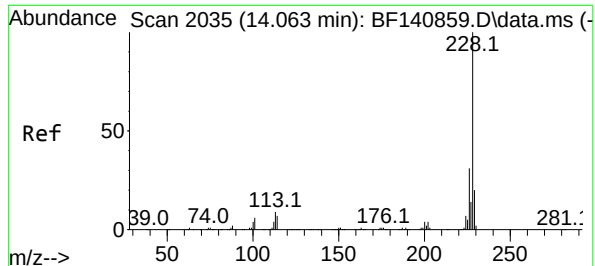
Tgt Ion:228 Resp: 1001035
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.7 15.8 23.8



#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

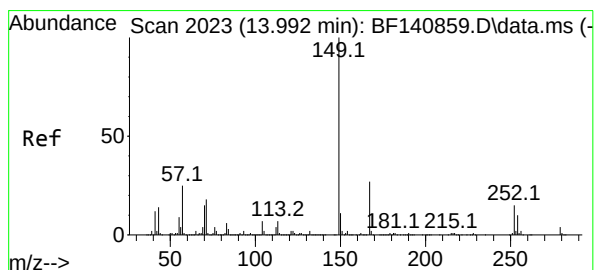
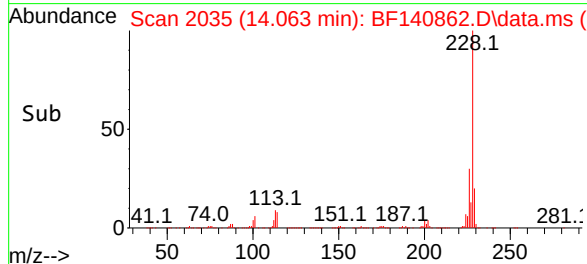
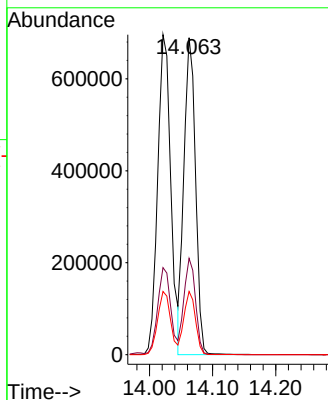
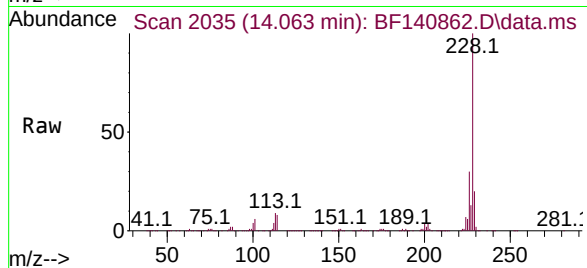




#83
Chrysene
Concen: 74.840 ng
RT: 14.063 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

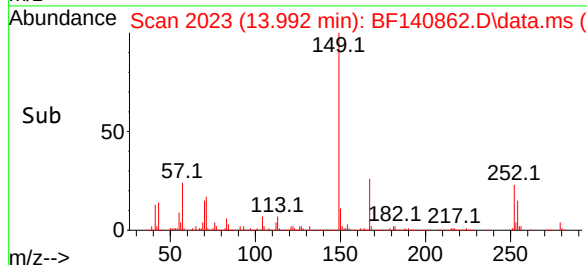
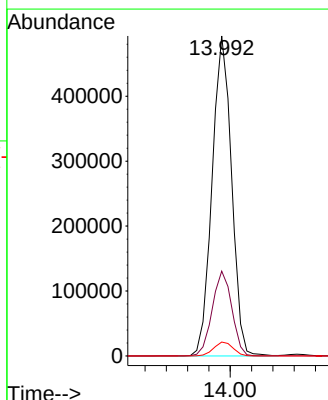
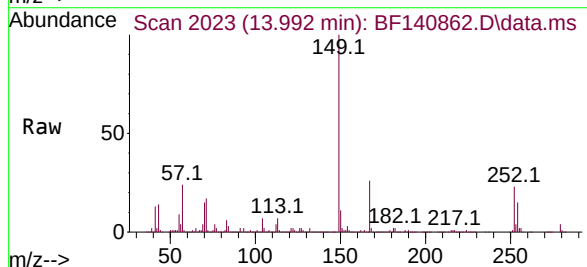
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

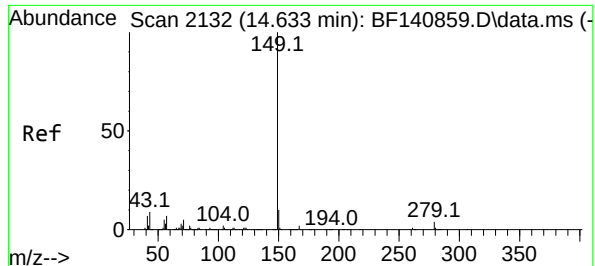
Tgt Ion:228 Resp: 881398
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 20.0 16.0 24.0



#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

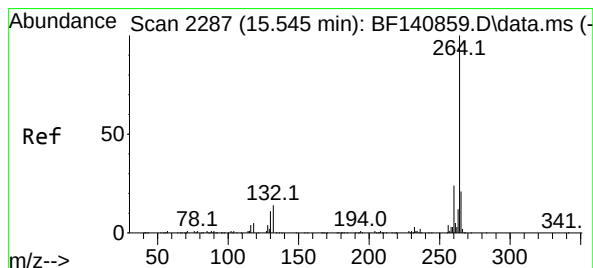
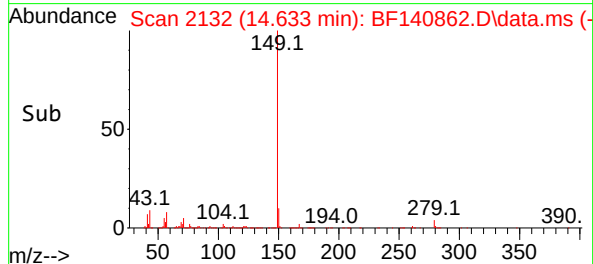
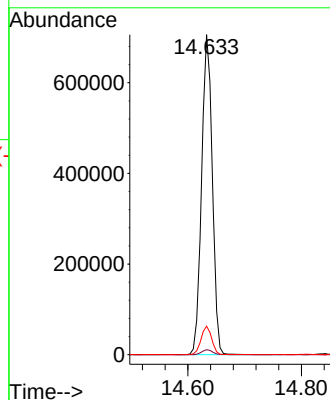
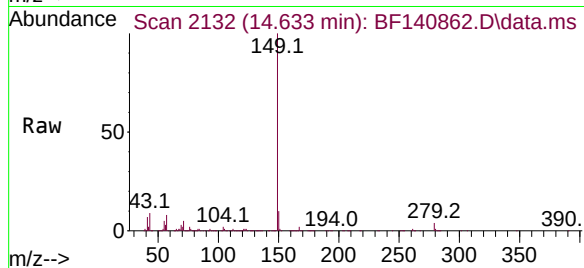




#85
Di-n-octyl phthalate
Concen: 79.125 ng
RT: 14.633 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

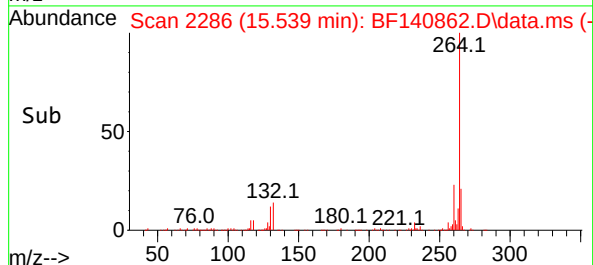
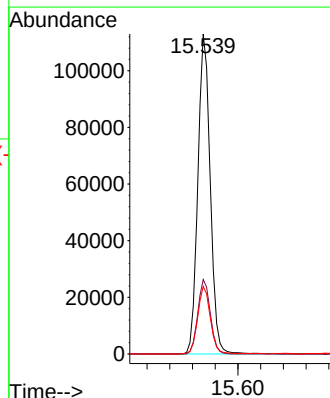
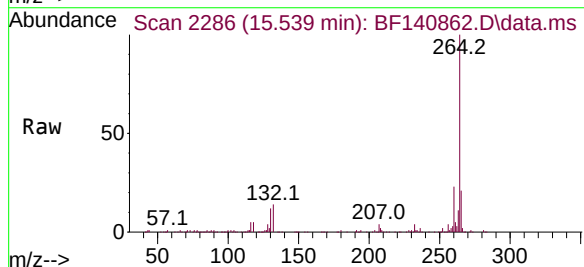
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

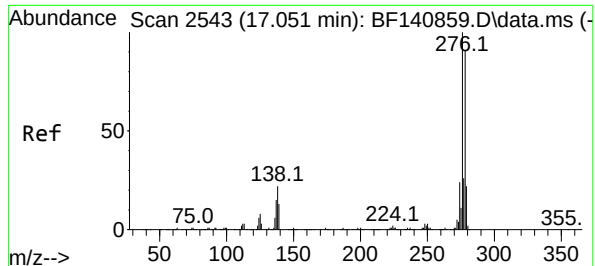
Tgt Ion:149 Resp: 922920
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.0 10.6



#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

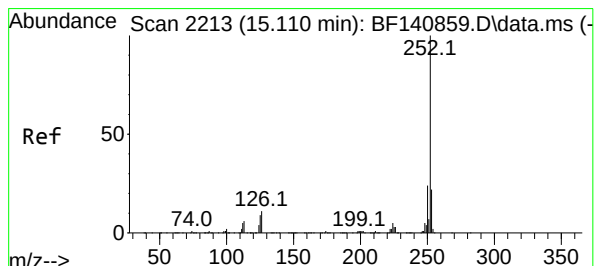
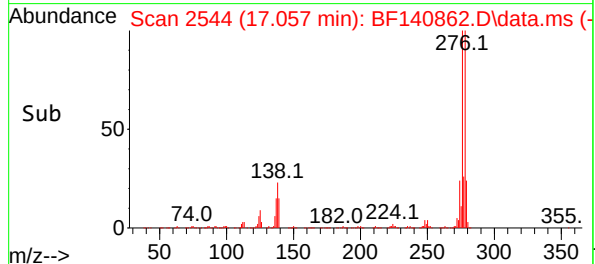
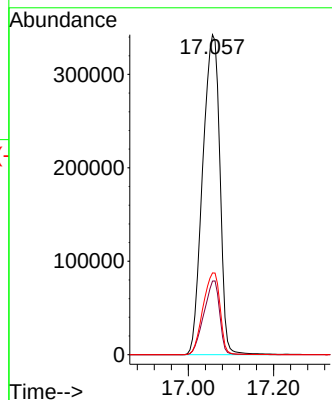
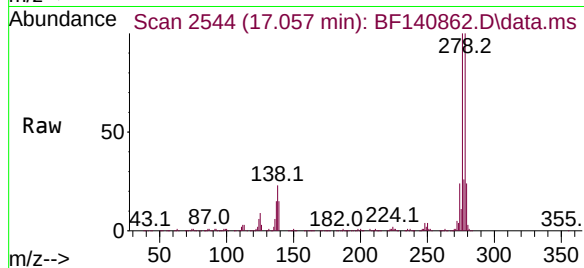




#87
Indeno(1,2,3-cd)pyrene
Concen: 89.400 ng
RT: 17.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

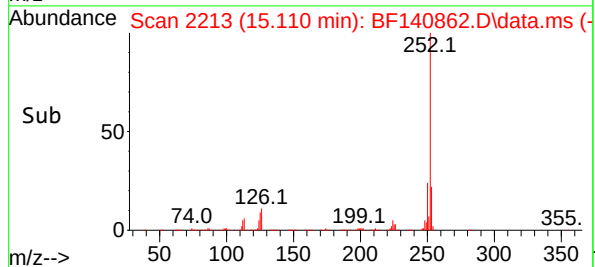
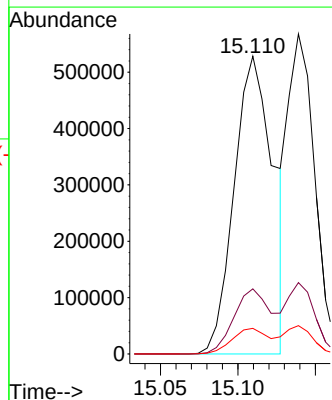
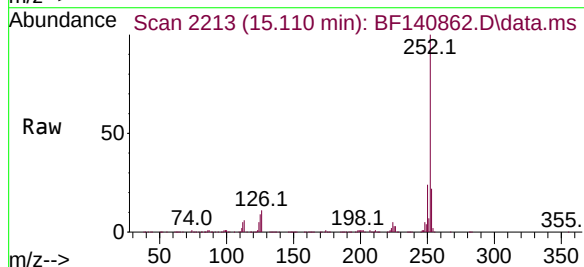
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

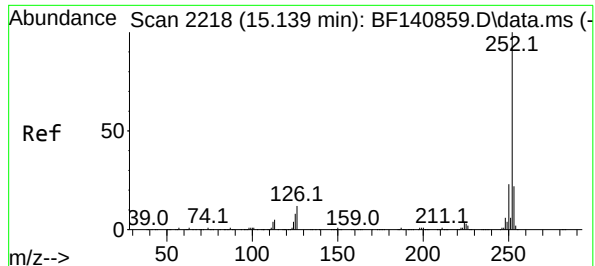
Tgt Ion:276 Resp: 957167
Ion Ratio Lower Upper
276 100
138 21.2 16.9 25.3
277 25.2 20.2 30.4



#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# 21

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

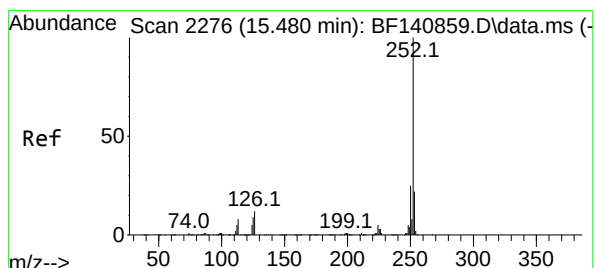
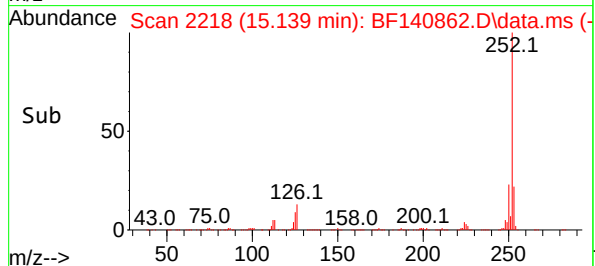
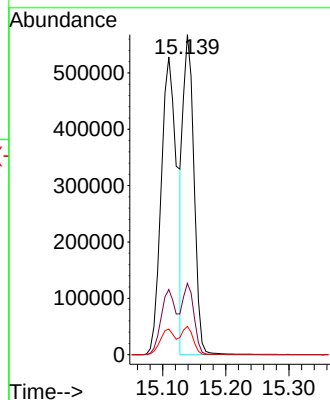
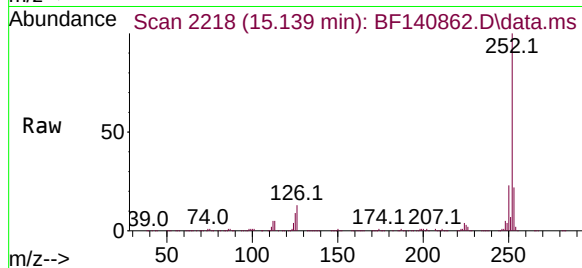
Tgt Ion:252 Resp: 683254

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

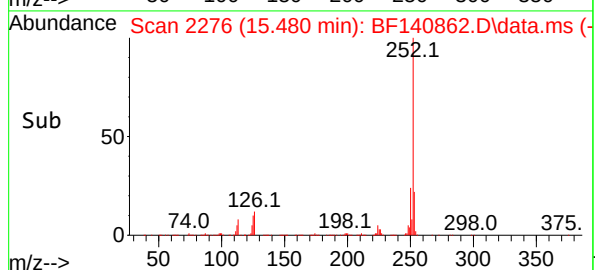
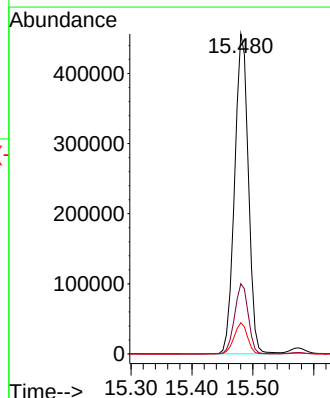
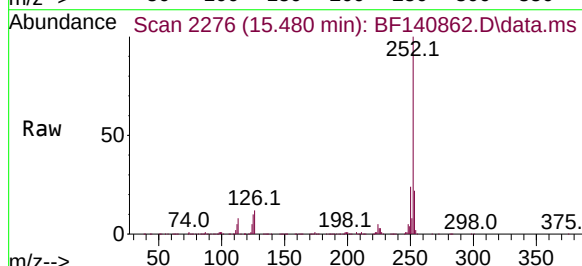
Tgt Ion:252 Resp: 714906

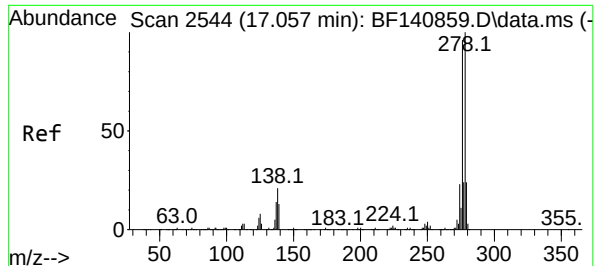
Ion Ratio Lower Upper

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# 21

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

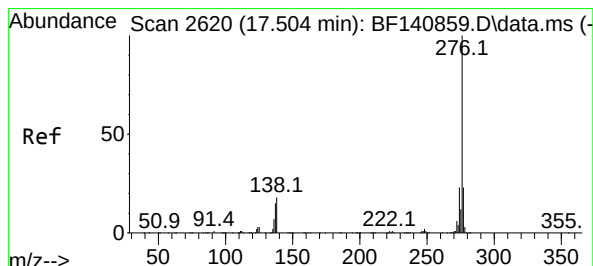
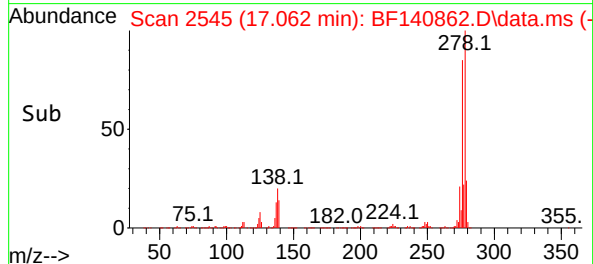
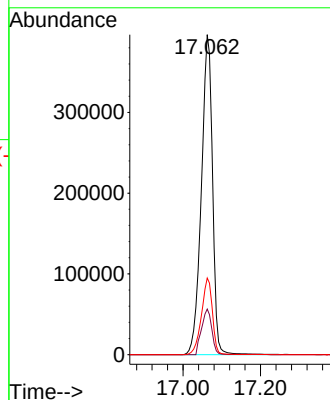
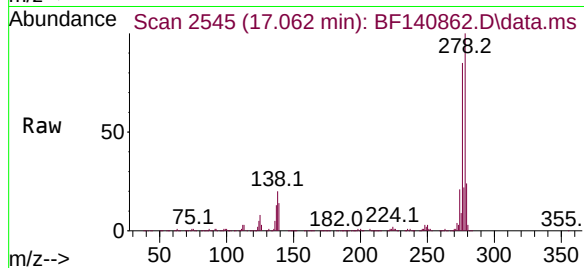
Tgt Ion:278 Resp: 792175

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

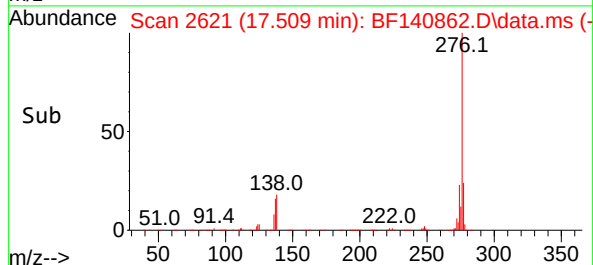
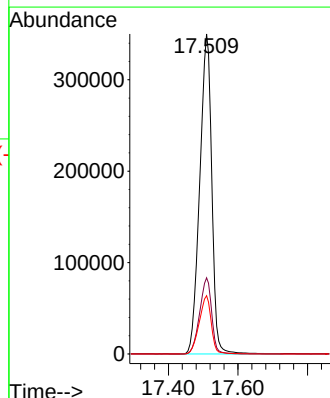
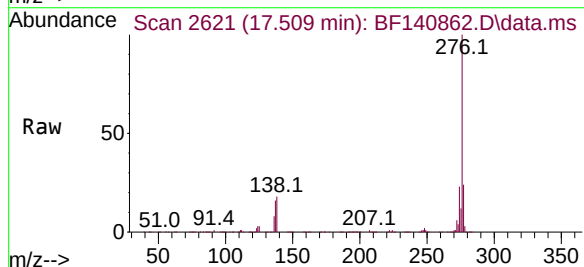
Tgt Ion:276 Resp: 840468

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 18.2 14.2 21.2



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

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

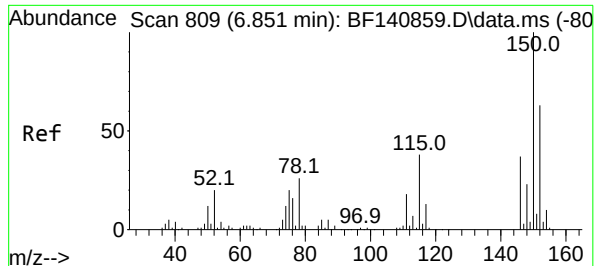
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

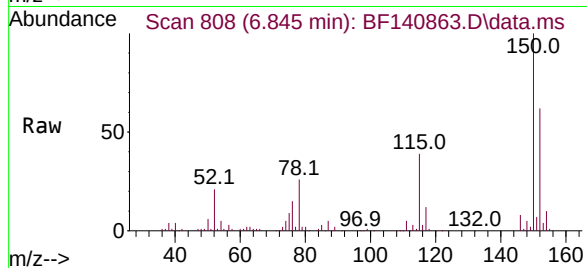
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

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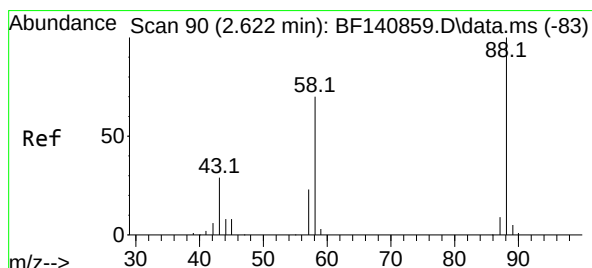
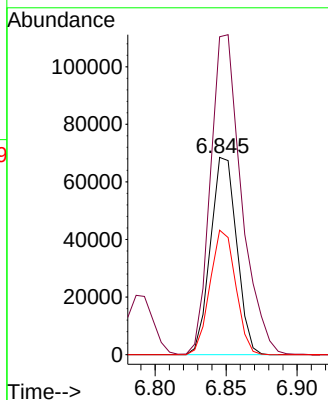
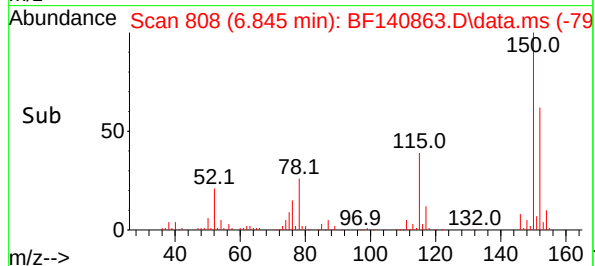


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

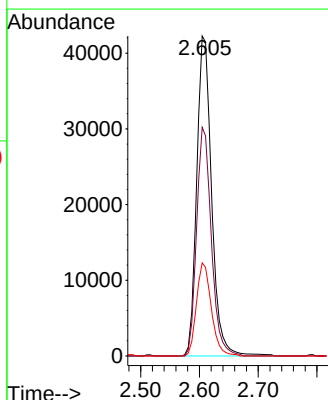
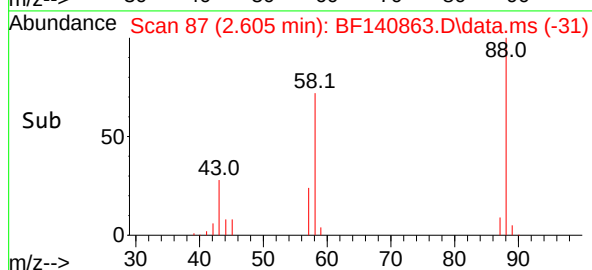
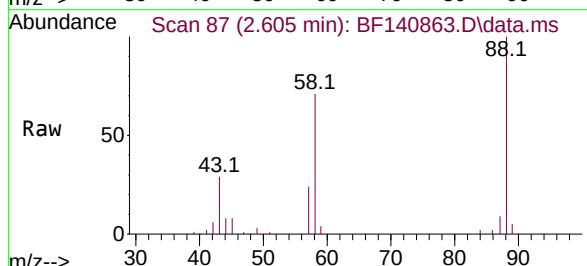


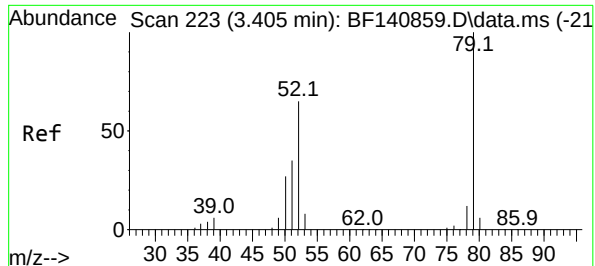
Tgt Ion:152 Resp: 88035
Ion Ratio Lower Upper
152 100
150 161.2 127.9 191.9
115 63.1 48.0 72.0



#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

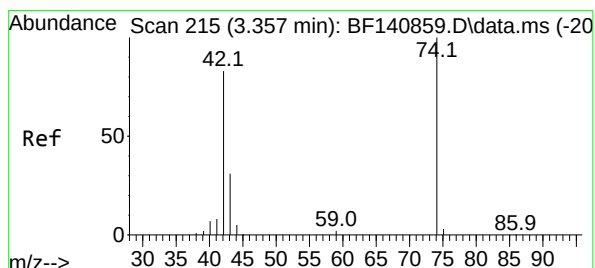
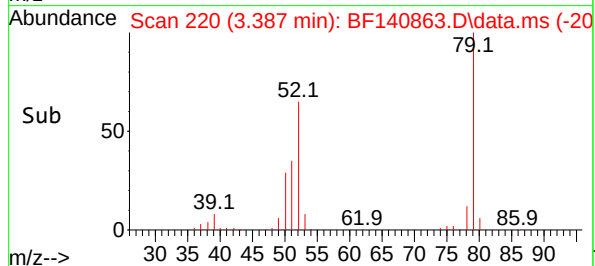
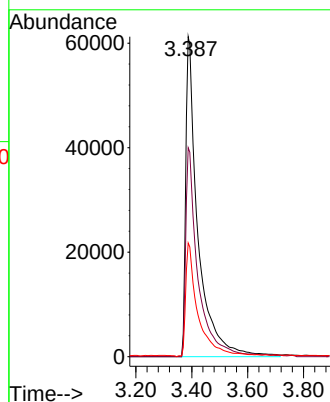
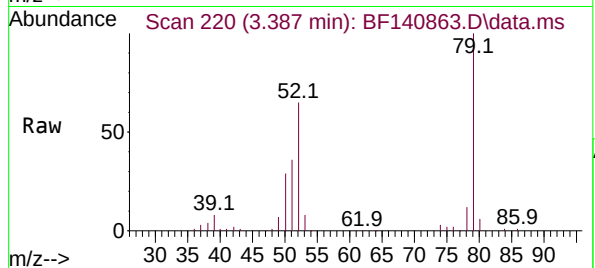




#3
Pyridine
Concen: 34.882 ng
RT: 3.387 min Scan# 211
Delta R.T. -0.018 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

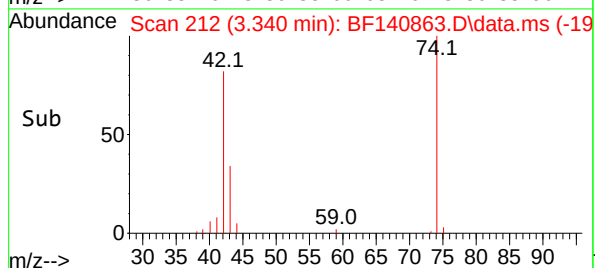
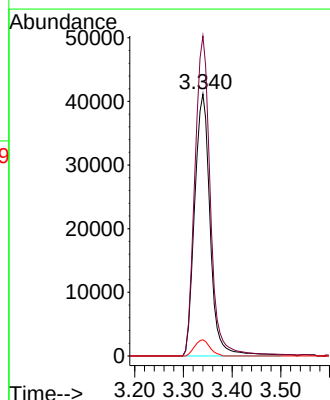
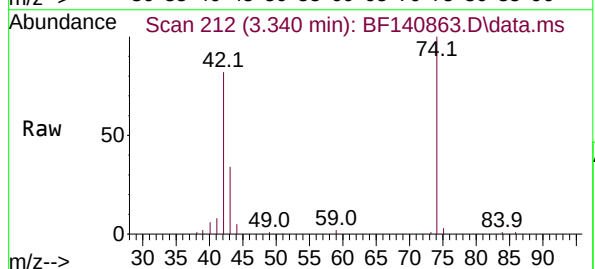
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BNA_F
ClientSampleId :
ICVBF121624

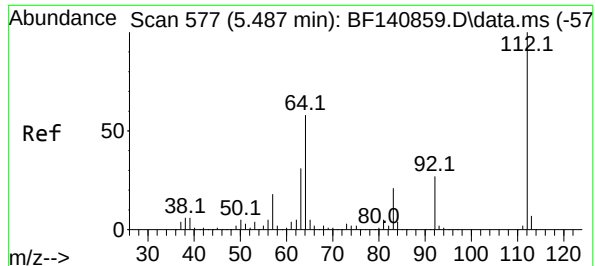
Tgt Ion: 79 Resp: 186082
Ion Ratio Lower Upper
79 100
52 65.3 51.7 77.5
51 35.5 28.2 42.4



#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

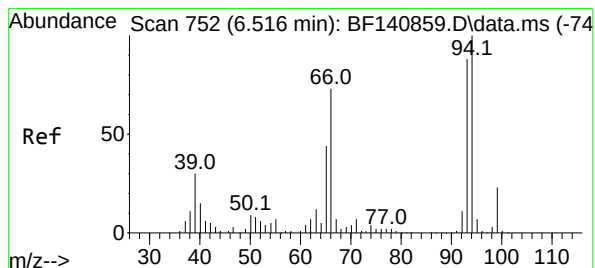
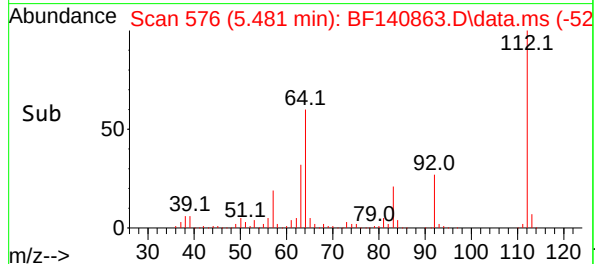
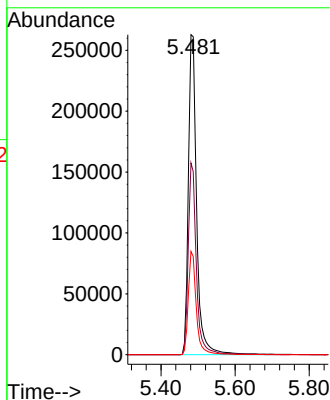
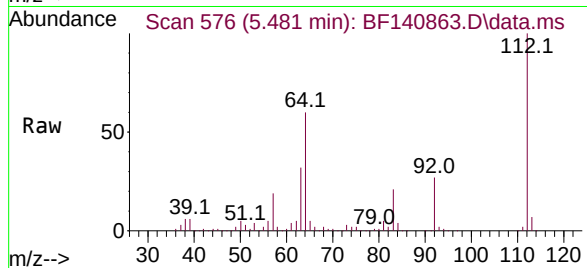




#5
2-Fluorophenol
Concen: 76.184 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

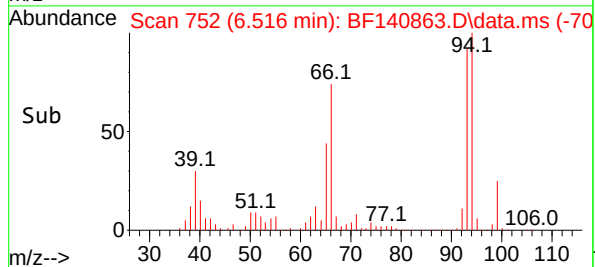
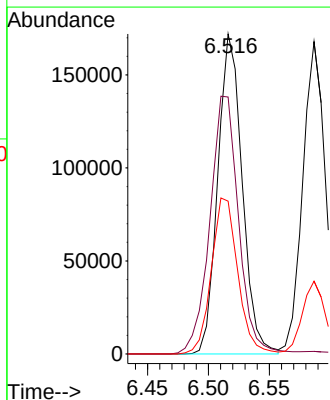
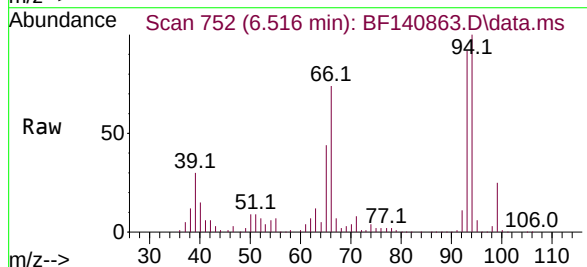
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BNA_F
ClientSampleId :
ICVBF121624

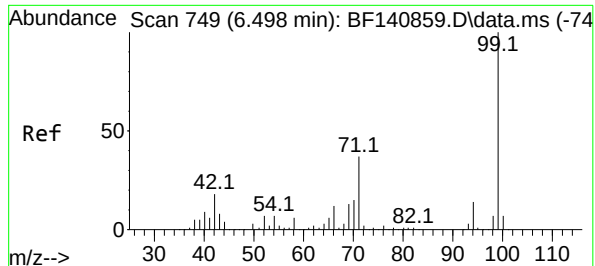
Tgt Ion:112 Resp: 407420
Ion Ratio Lower Upper
112 100
64 59.9 46.1 69.1
63 32.2 24.9 37.3



#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# 749

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

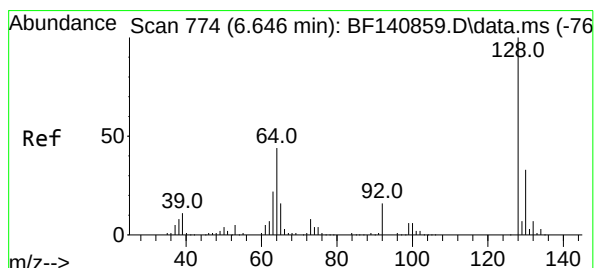
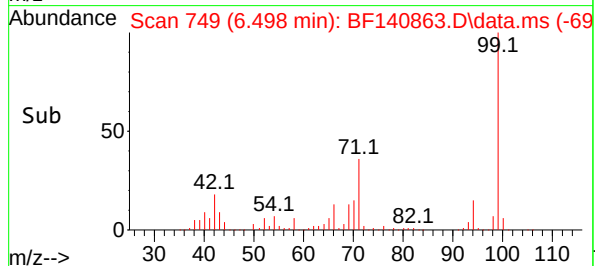
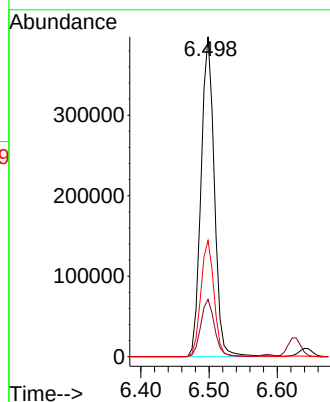
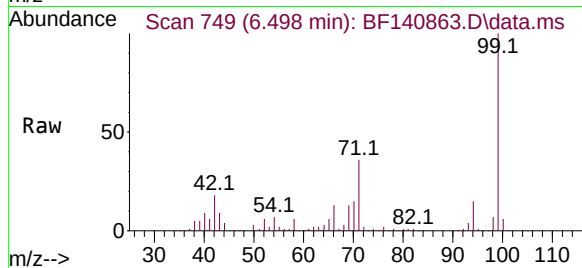
Tgt Ion: 99 Resp: 539951

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

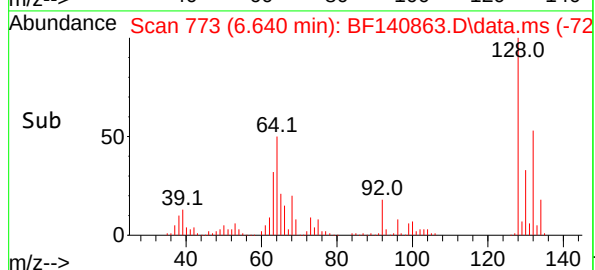
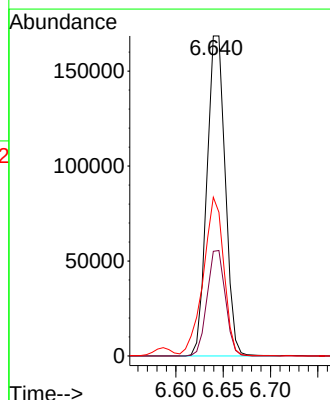
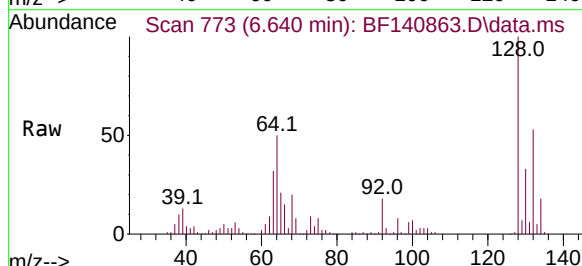
Tgt Ion:128 Resp: 226045

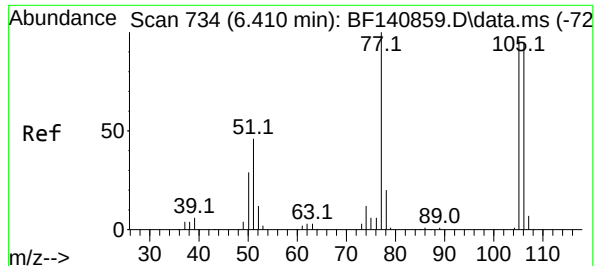
Ion Ratio Lower Upper

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# 71

Delta R.T. -0.006 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

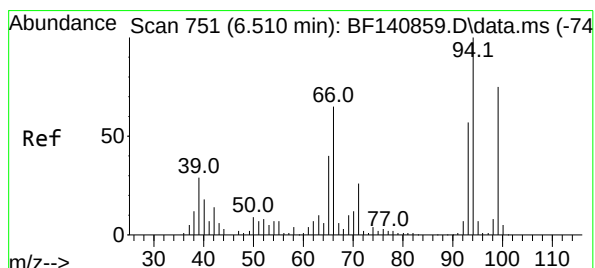
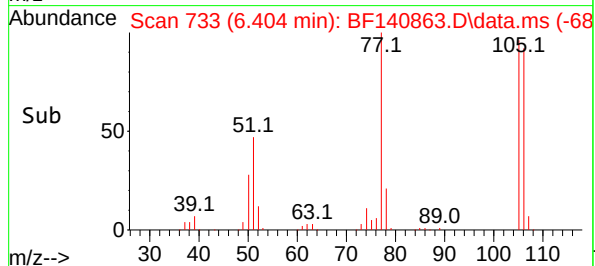
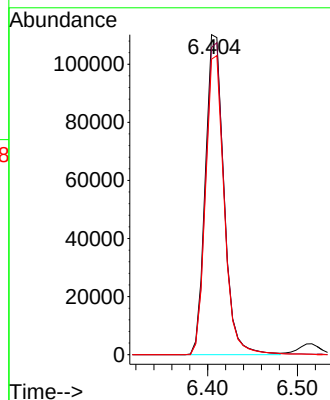
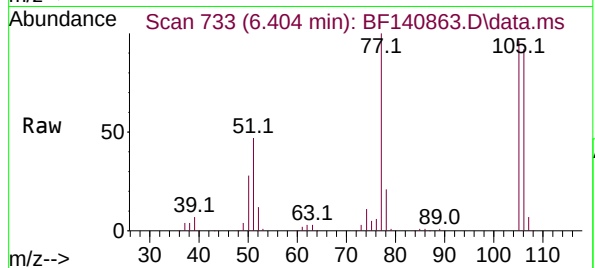
Tgt Ion: 77 Resp: 158915

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

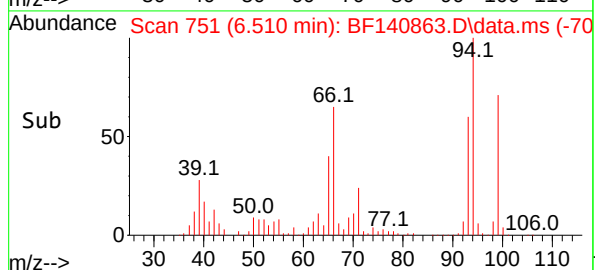
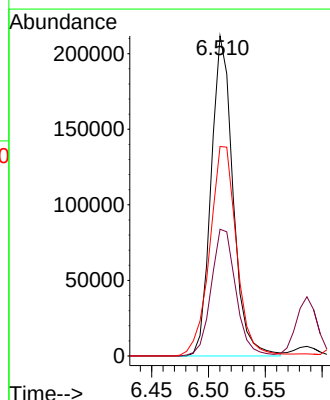
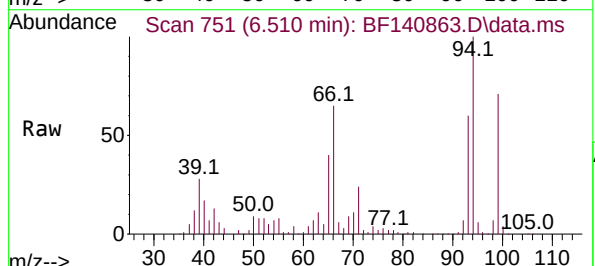
Tgt Ion: 94 Resp: 283984

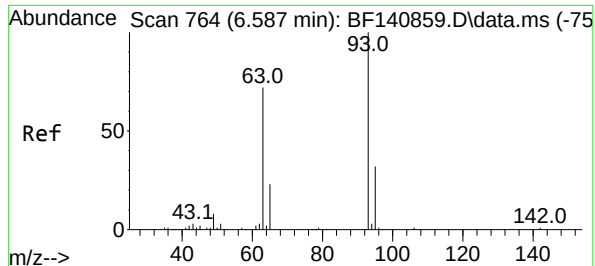
Ion Ratio Lower Upper

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# 764

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

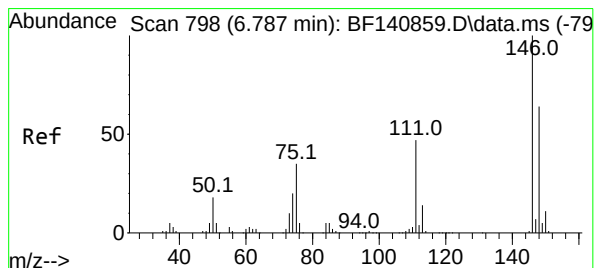
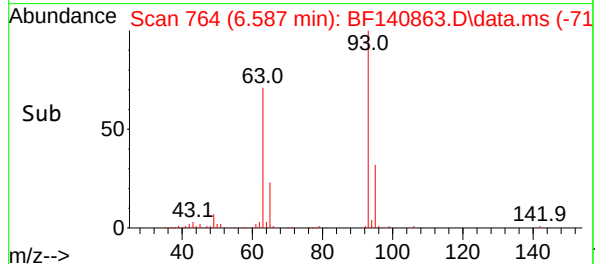
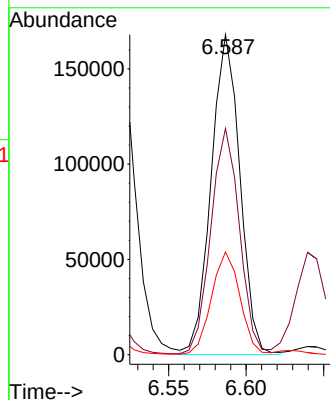
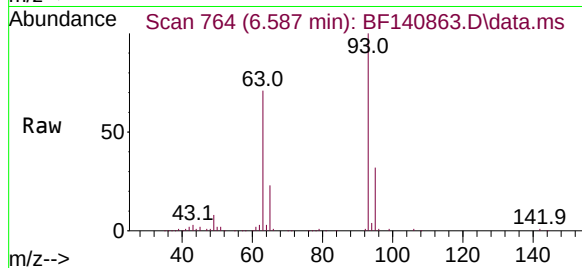
BNA_F

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

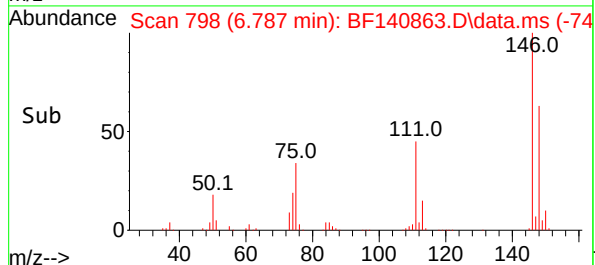
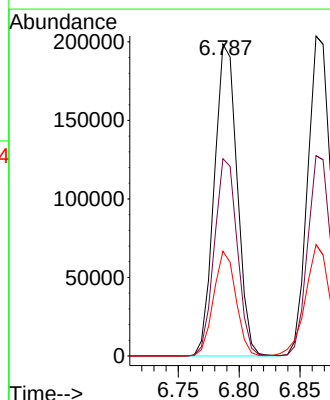
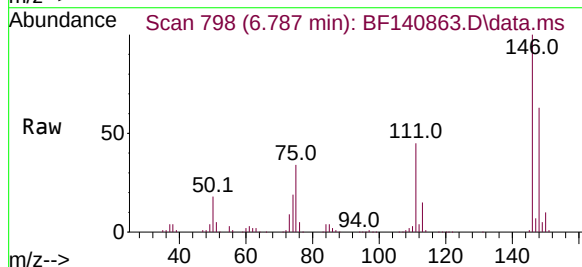
Delta R.T. -0.000 min

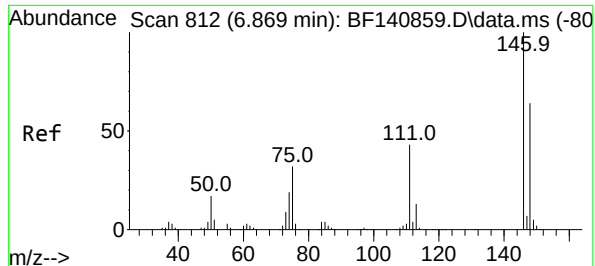
Lab File: BF140863.D

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# 81

Delta R.T. -0.006 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

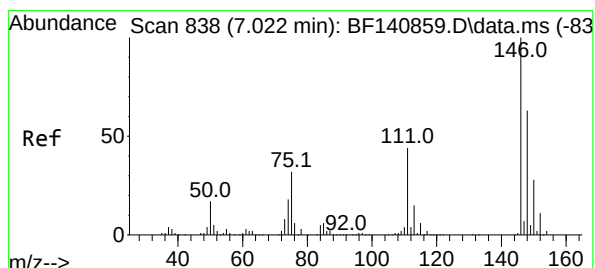
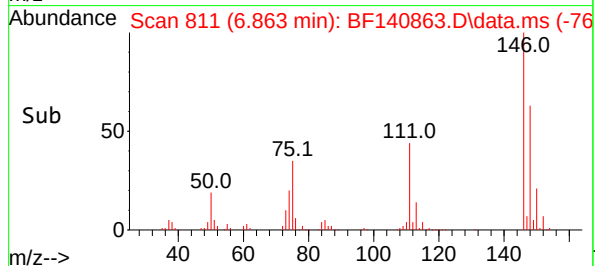
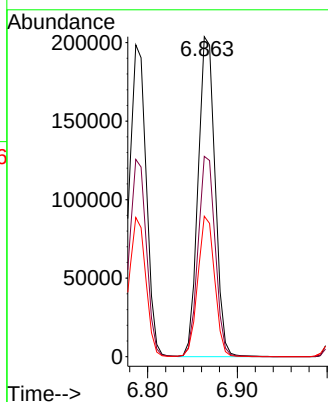
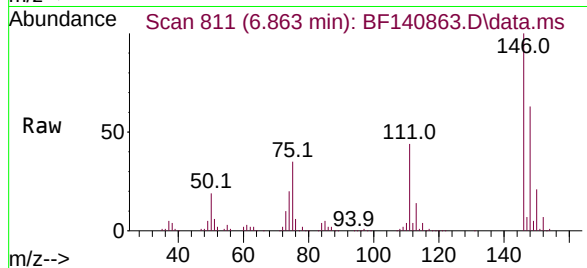
Tgt Ion:146 Resp: 268094

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

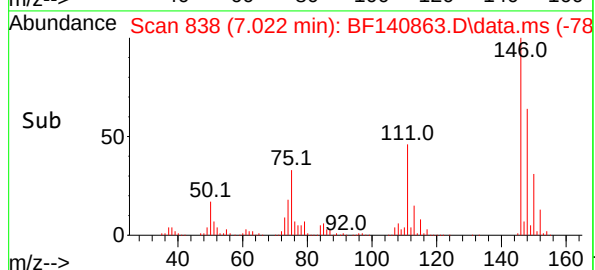
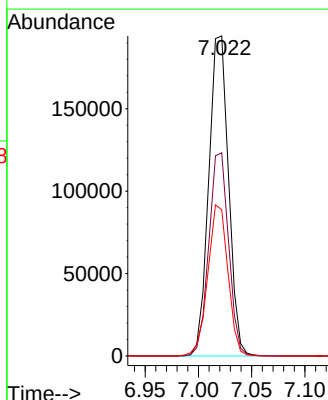
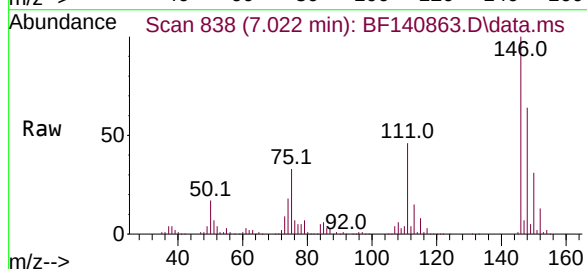
Tgt Ion:146 Resp: 251561

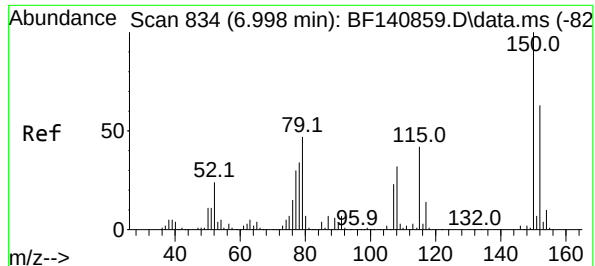
Ion Ratio Lower Upper

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# 81

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

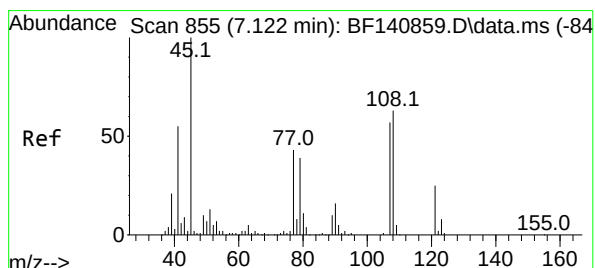
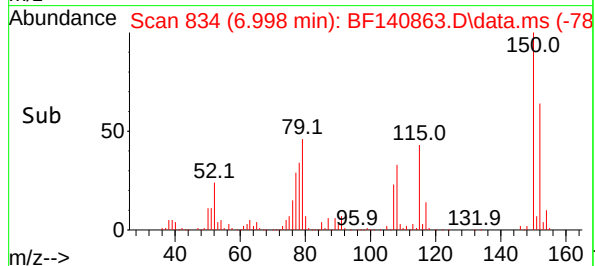
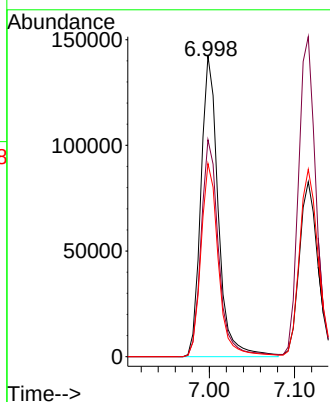
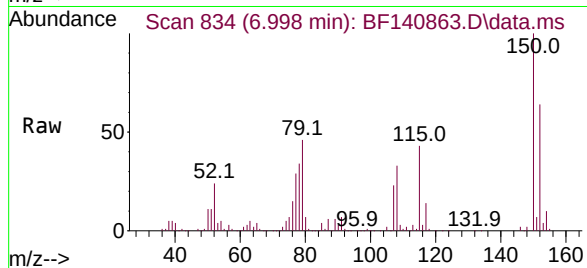
Tgt Ion: 79 Resp: 201477

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

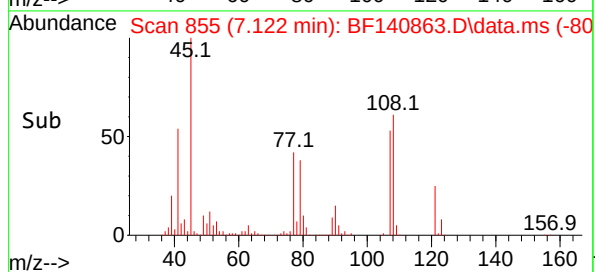
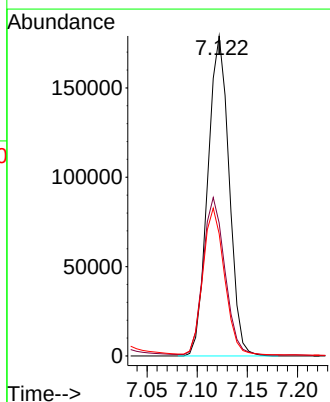
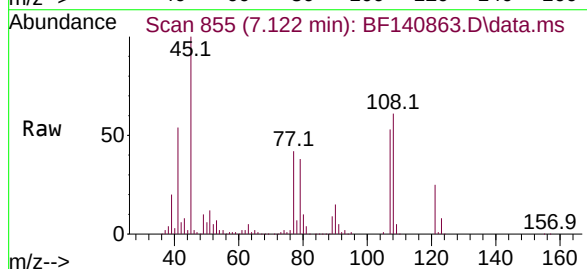
Tgt Ion: 45 Resp: 264233

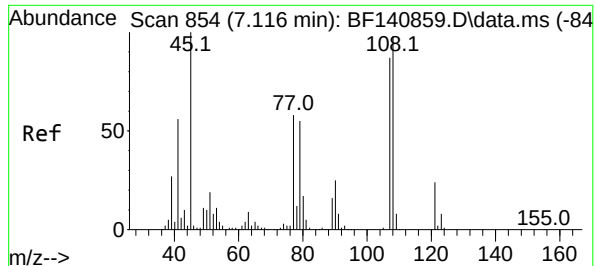
Ion Ratio Lower Upper

45 100

77 41.6 23.3 63.3

79 38.2 20.0 60.0

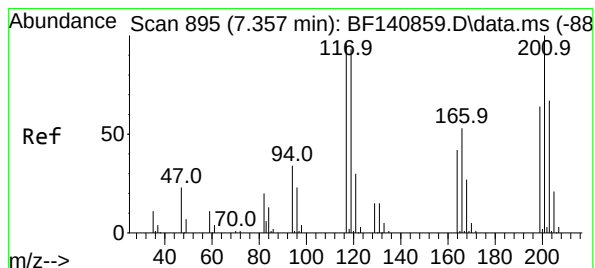
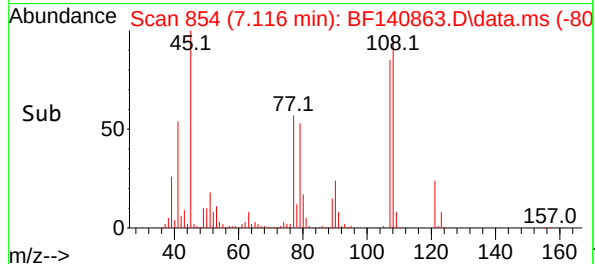
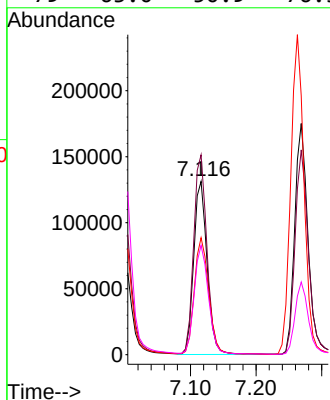
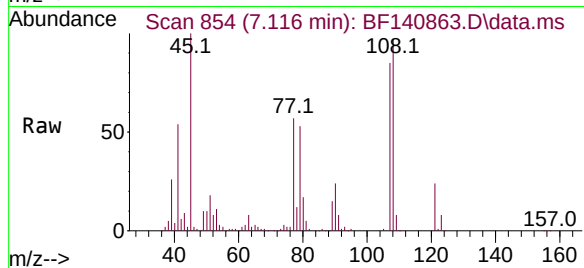




#17
2-Methylphenol
Concen: 40.189 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

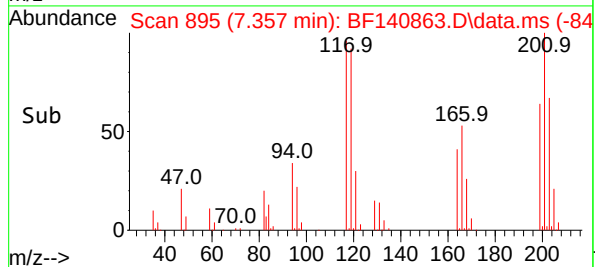
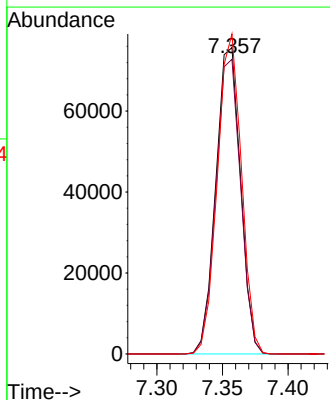
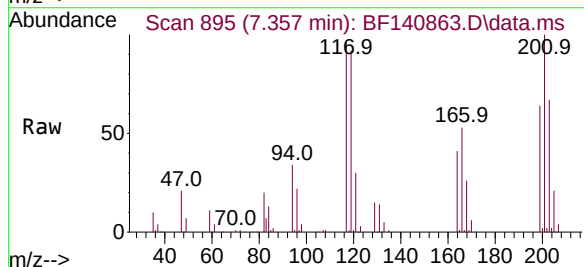
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

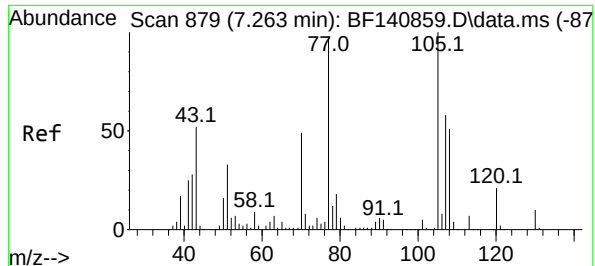
Tgt Ion:107 Resp: 187119
Ion Ratio Lower Upper
107 100
108 115.3 90.2 135.4
77 67.5 53.8 80.6
79 63.0 50.9 76.3



#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# 81

Delta R.T. -0.000 min

Lab File: BF140863.D

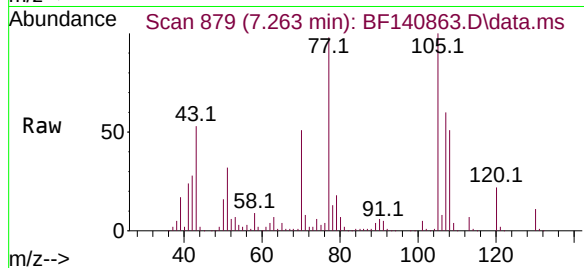
Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

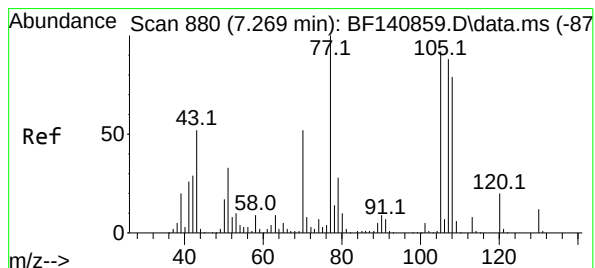
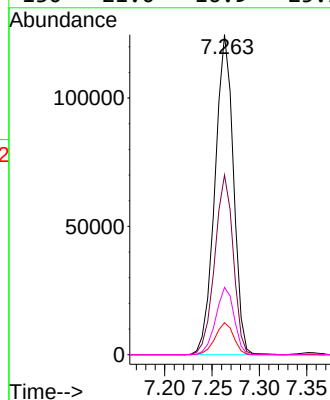
ClientSampleId :

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

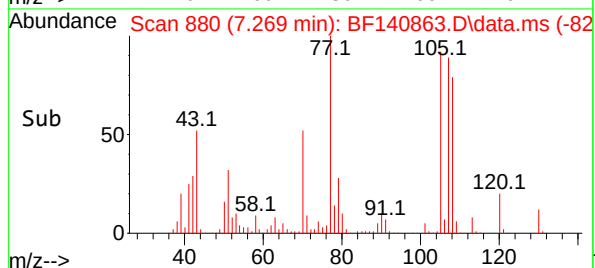
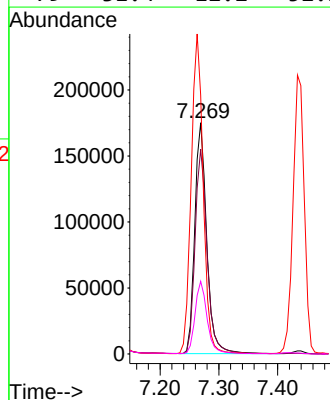
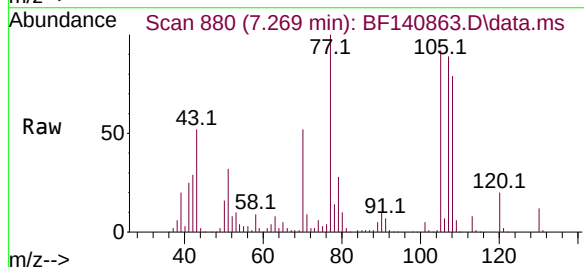
Delta R.T. -0.000 min

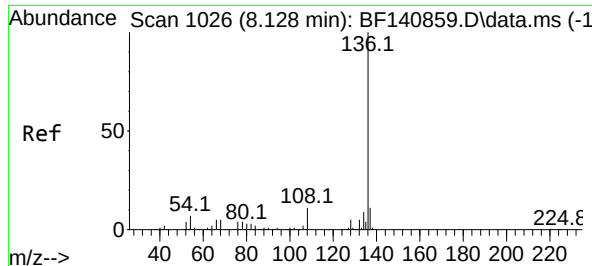
Lab File: BF140863.D

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

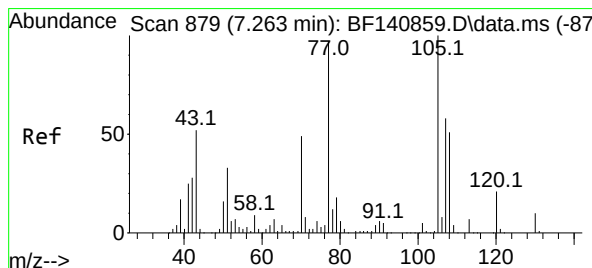
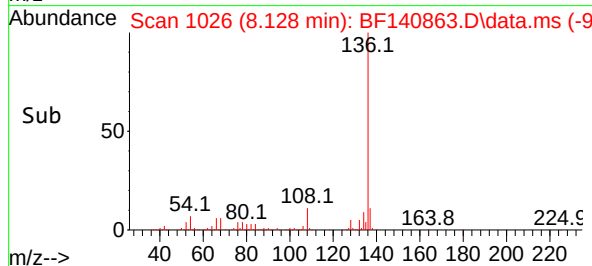
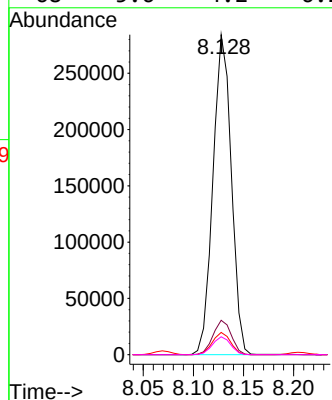
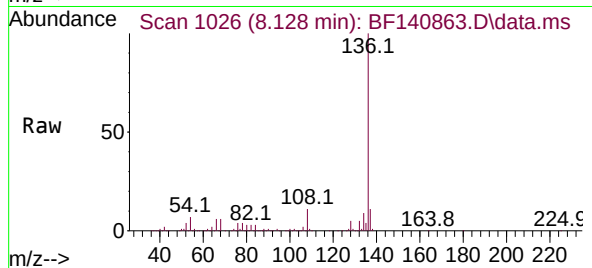




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

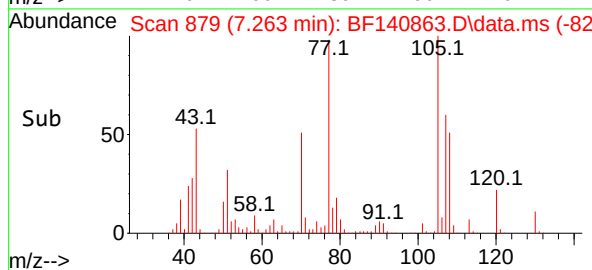
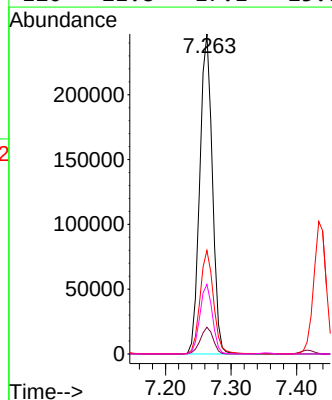
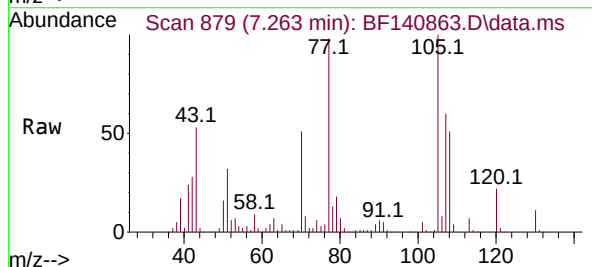
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

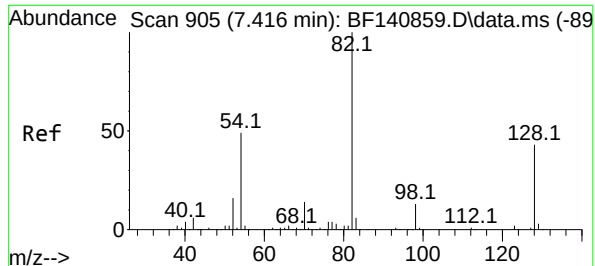
Tgt Ion:136	Resp: 361248
Ion Ratio	Lower Upper
136	100
137	10.7 9.0 13.4
54	7.0 5.6 8.4
68	5.6 4.2 6.2



#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# 905

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

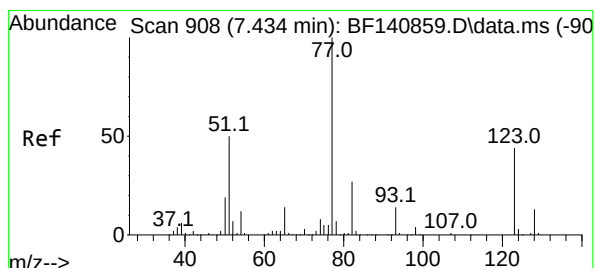
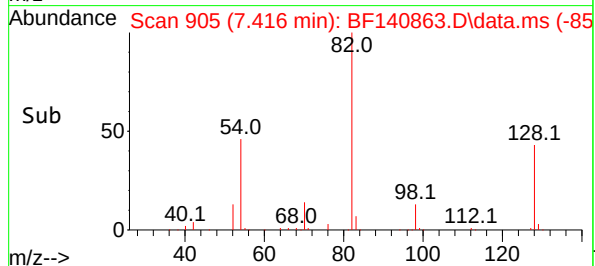
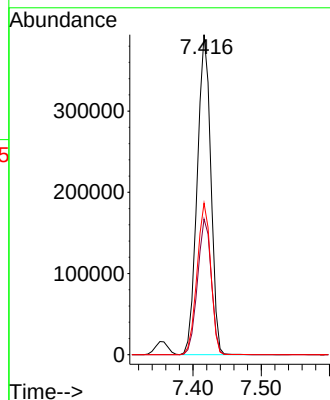
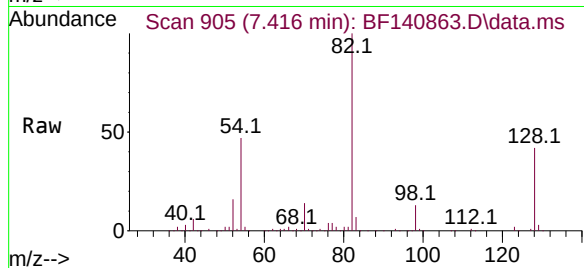
Tgt Ion: 82 Resp: 544482

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

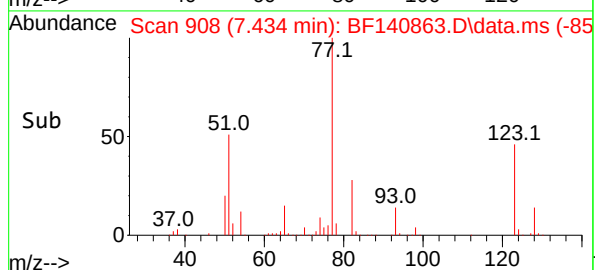
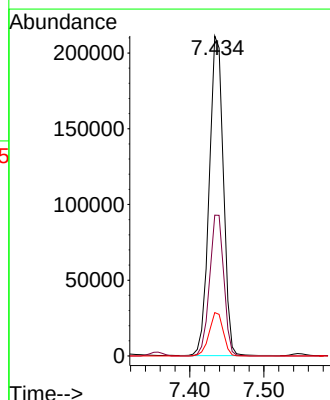
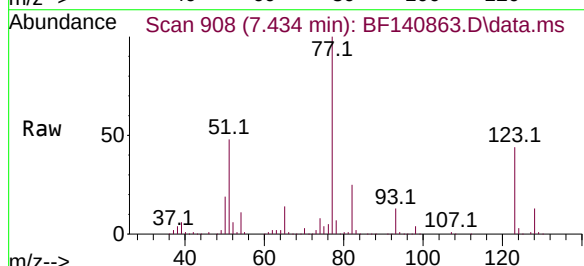
Tgt Ion: 77 Resp: 279878

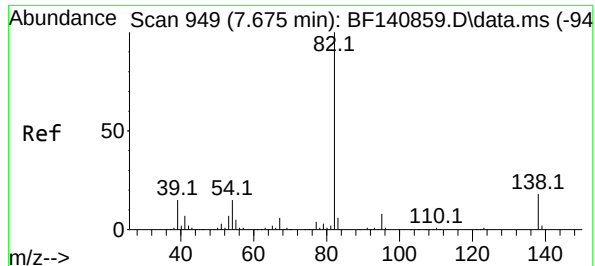
Ion Ratio Lower Upper

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# 949

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

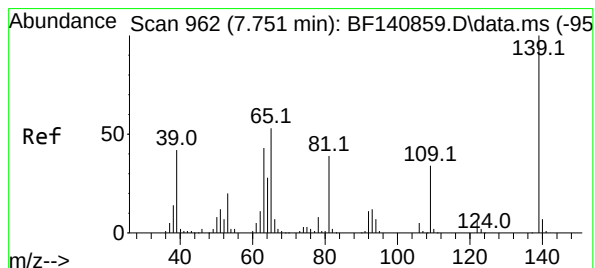
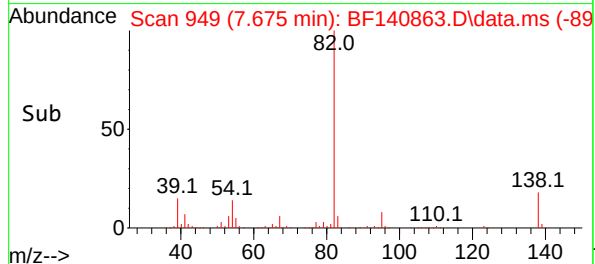
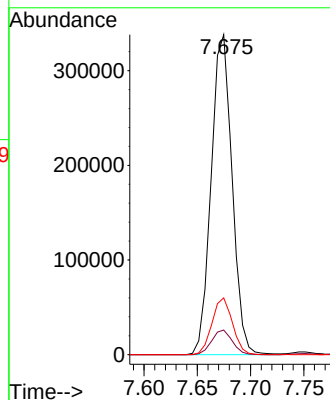
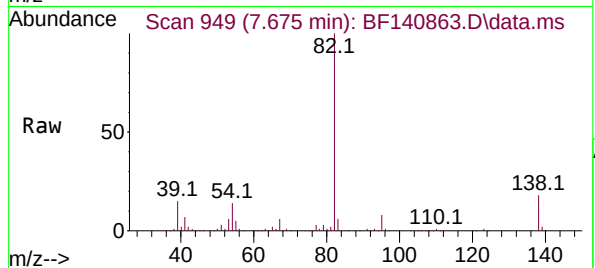
Tgt Ion: 82 Resp: 462528

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

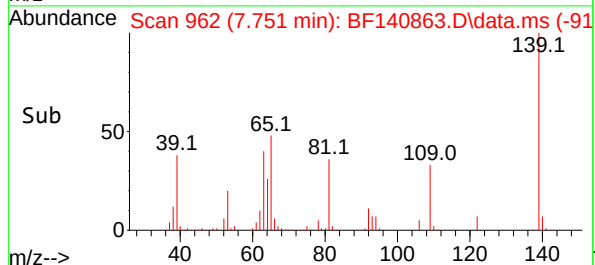
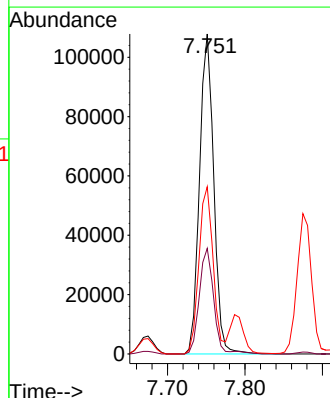
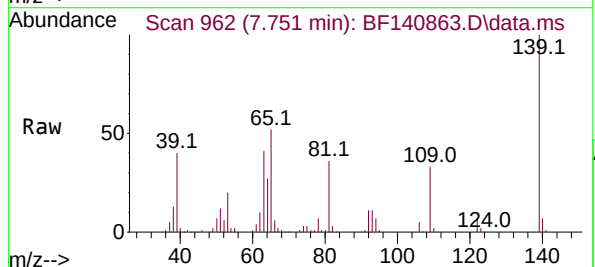
Tgt Ion:139 Resp: 137663

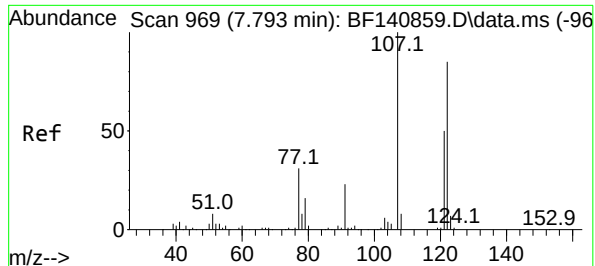
Ion Ratio Lower Upper

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# 90

Delta R.T. -0.006 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

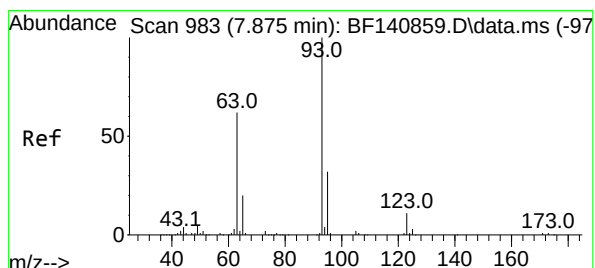
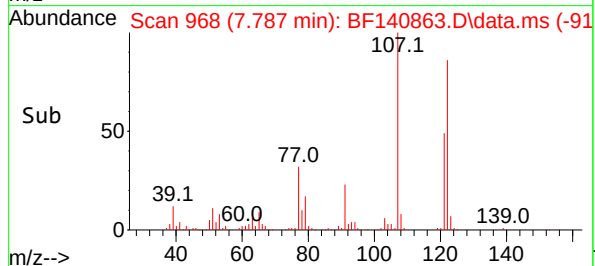
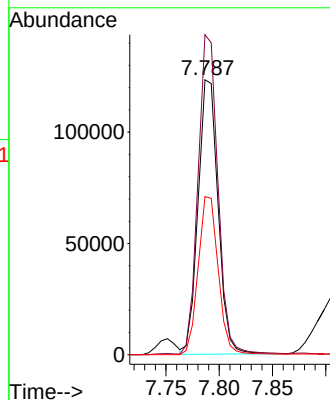
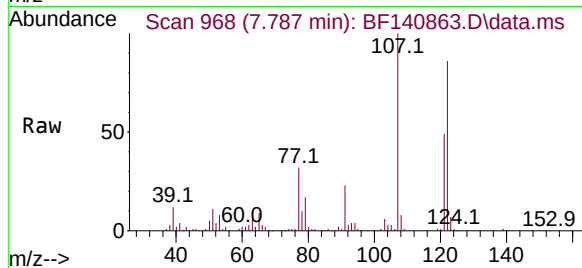
Tgt Ion:122 Resp: 161001

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

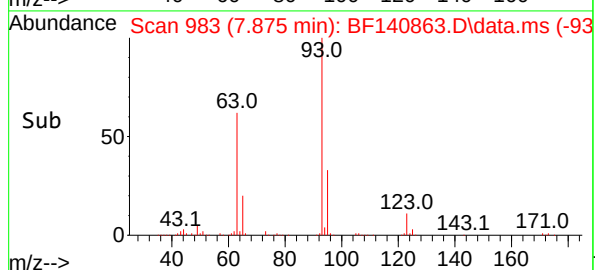
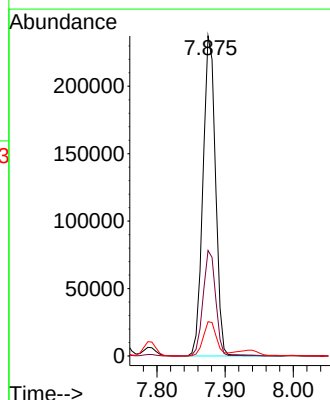
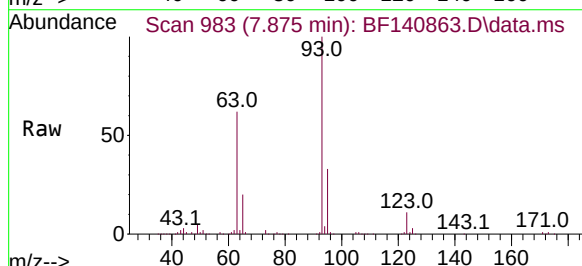
Tgt Ion: 93 Resp: 304778

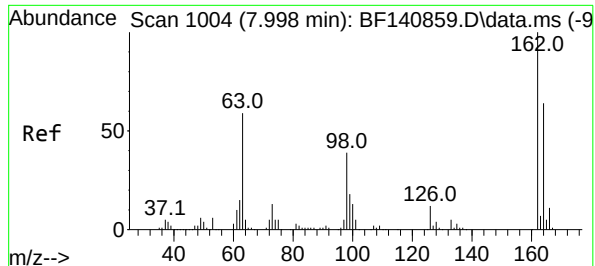
Ion Ratio Lower Upper

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# 1004

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

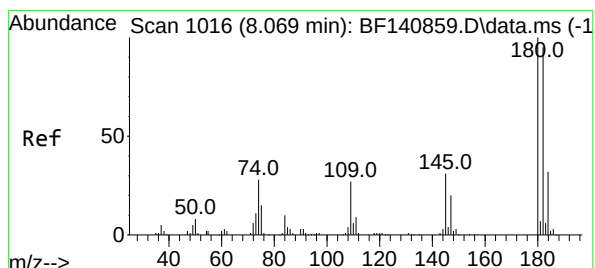
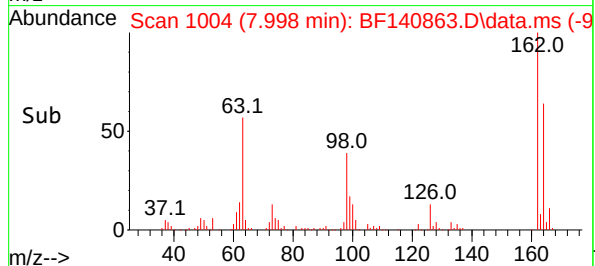
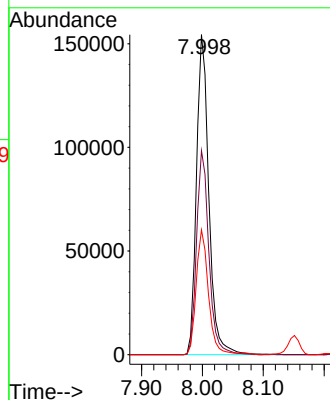
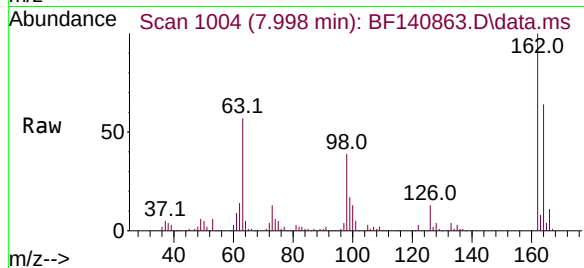
Tgt Ion:162 Resp: 217841

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

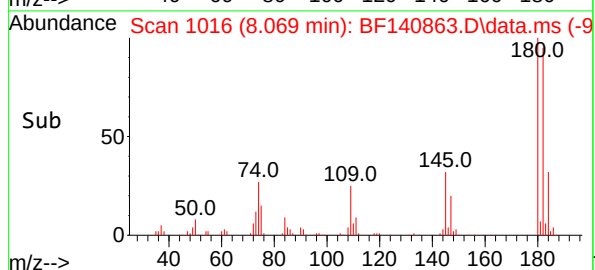
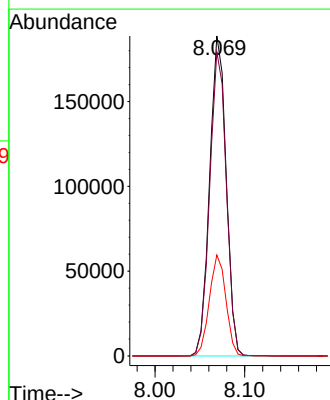
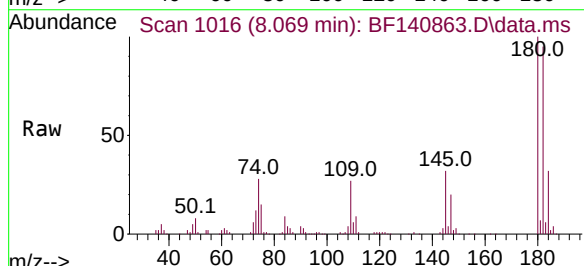
Tgt Ion:180 Resp: 241375

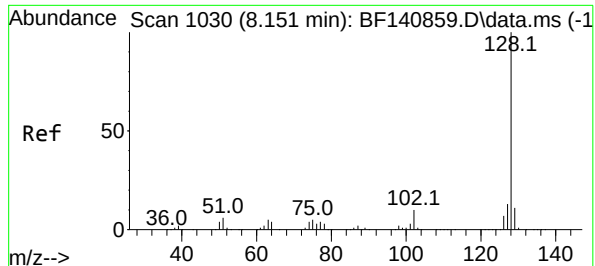
Ion Ratio Lower Upper

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

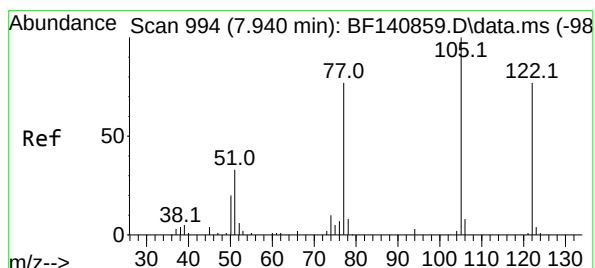
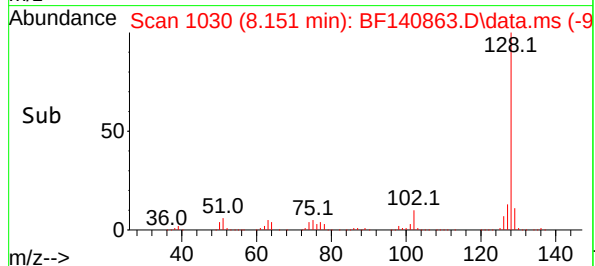
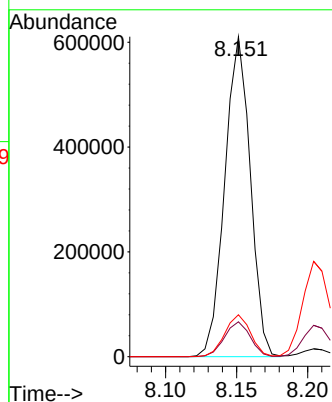
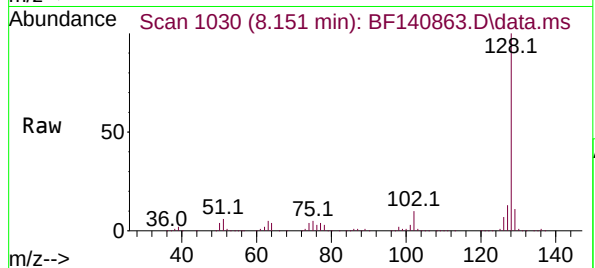
Tgt Ion:128 Resp: 763453

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

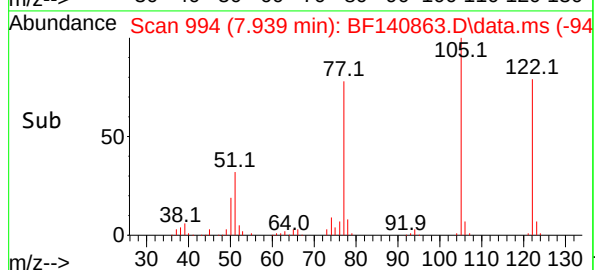
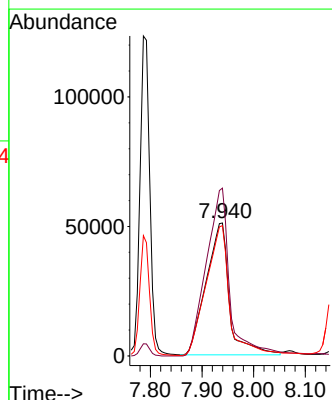
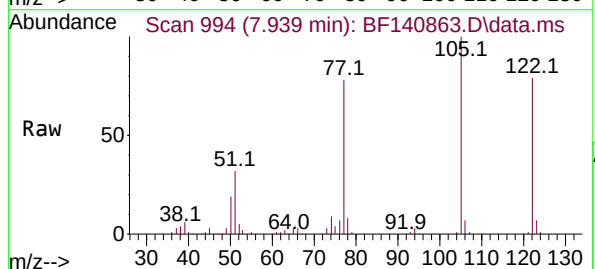
Tgt Ion:122 Resp: 159806

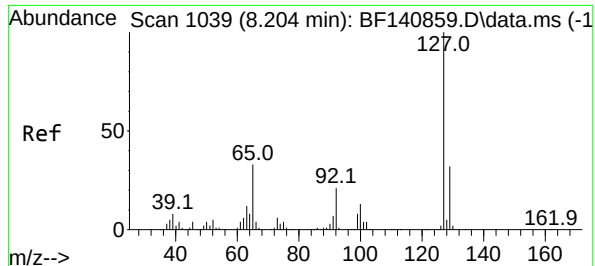
Ion Ratio Lower Upper

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# 1039

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

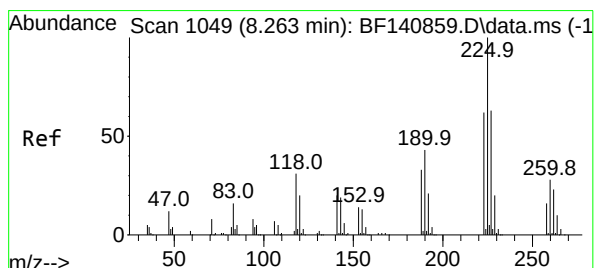
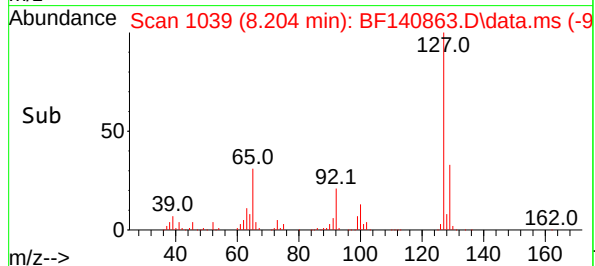
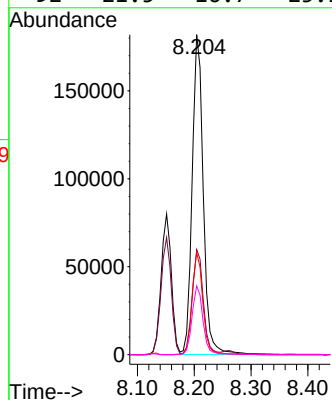
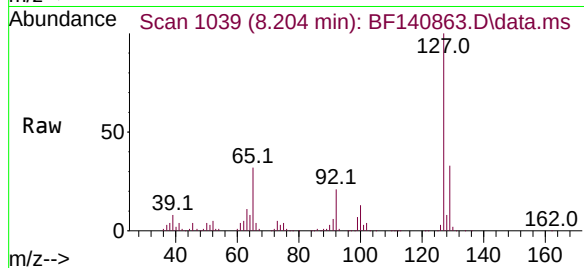
Ion Ratio Lower Upper

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

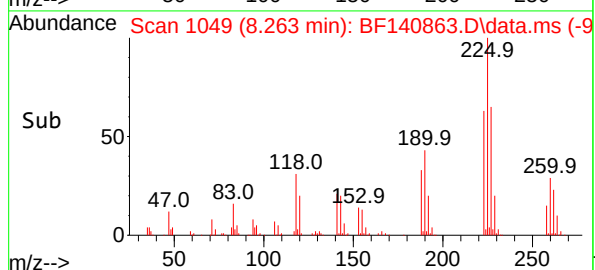
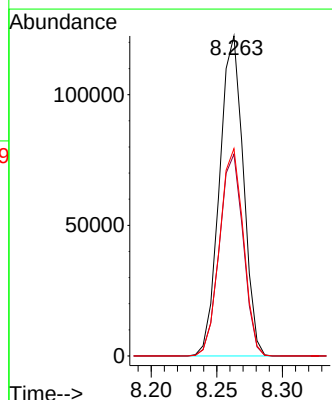
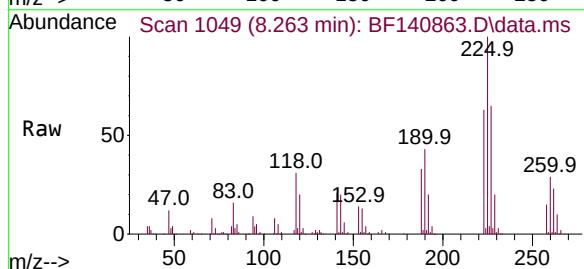
Tgt Ion:225 Resp: 154475

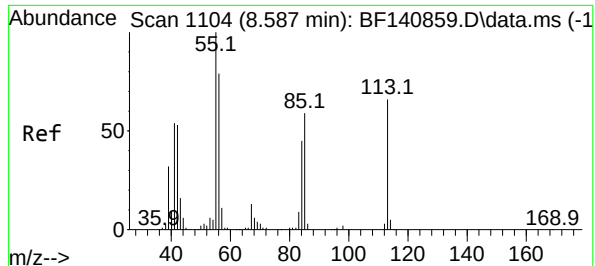
Ion Ratio Lower Upper

225 100

223 63.0 49.6 74.4

227 64.8 50.7 76.1

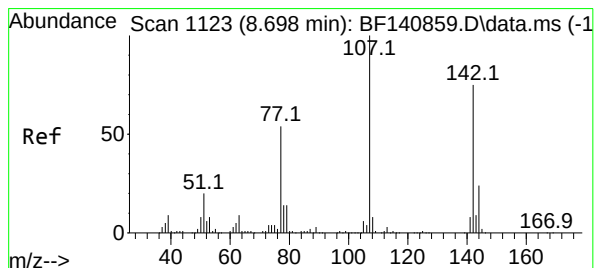
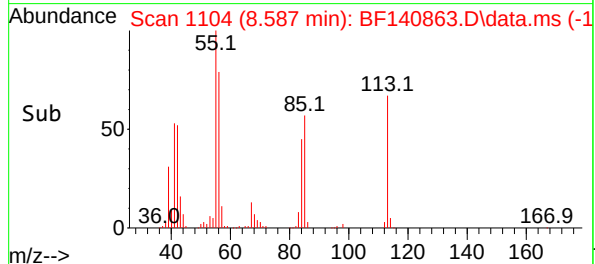
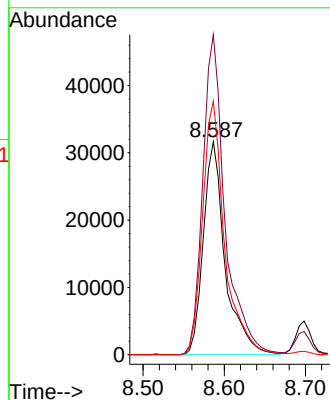
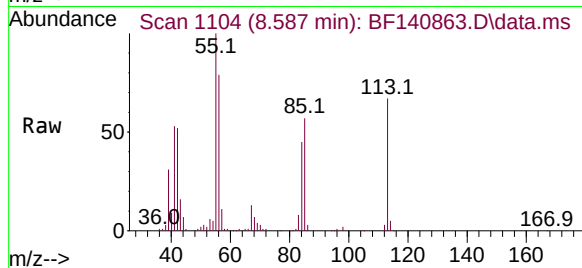




#35
Caprolactam
Concen: 36.113 ng
RT: 8.587 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

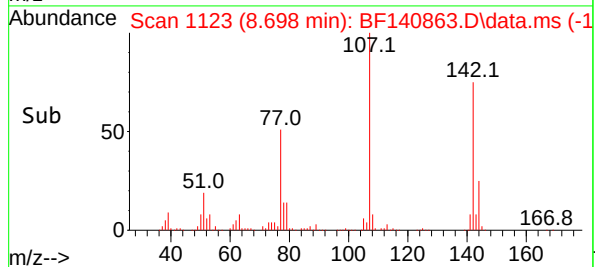
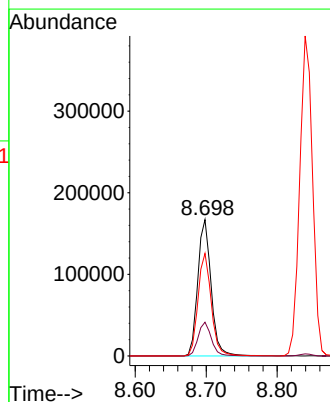
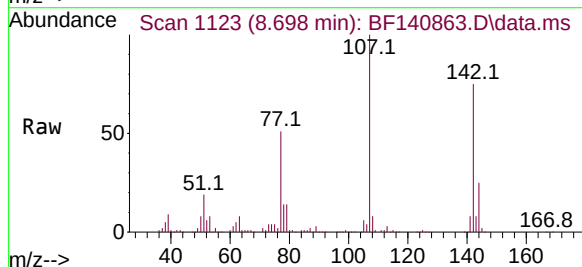
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

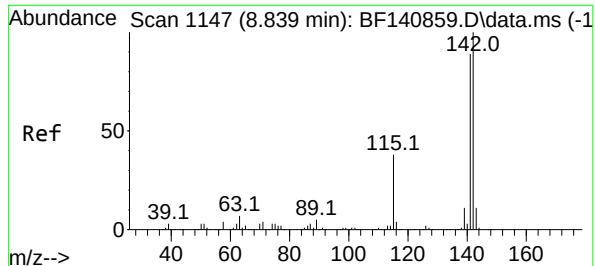
Tgt Ion:113 Resp: 59056
Ion Ratio Lower Upper
113 100
55 150.3 132.3 172.3
56 119.1 100.3 140.3



#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# 1147

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

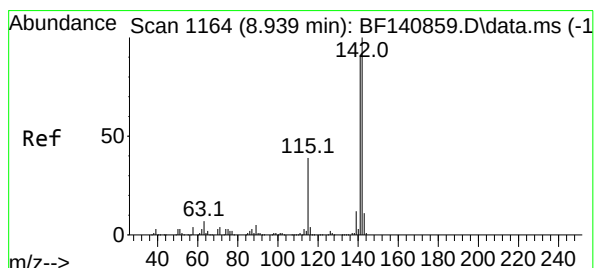
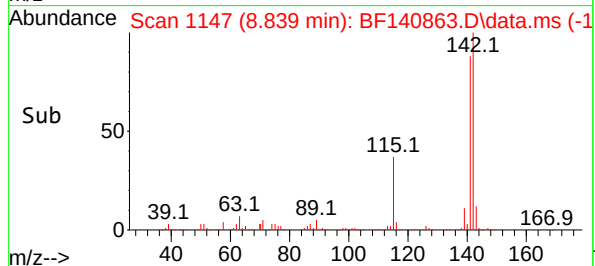
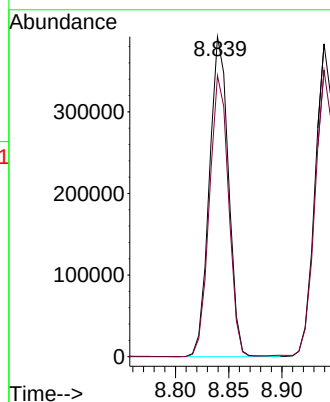
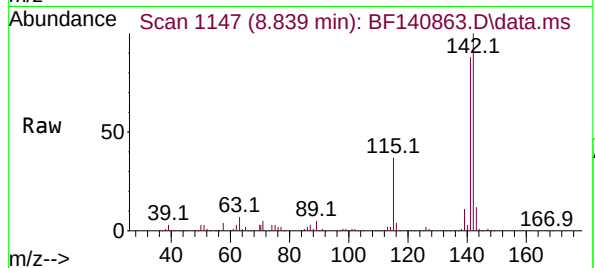
ICVBF121624

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

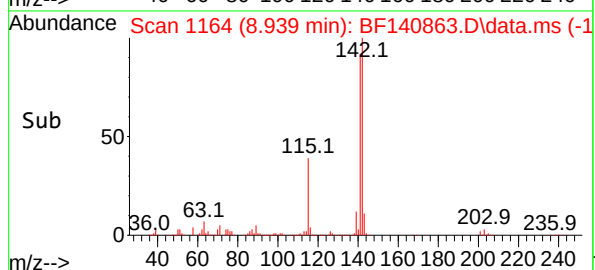
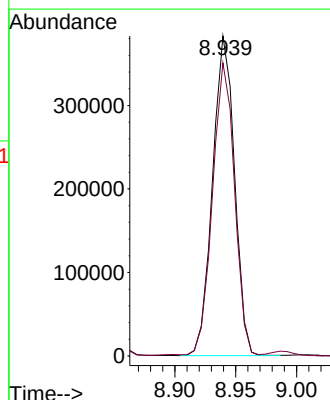
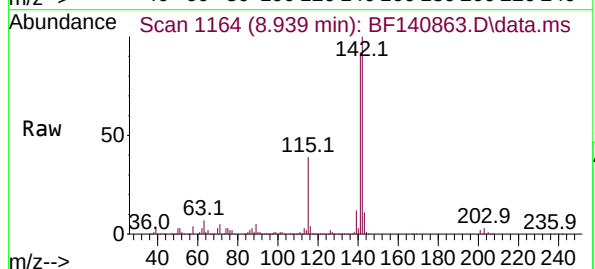
Acq: 16 Dec 2024 16:41

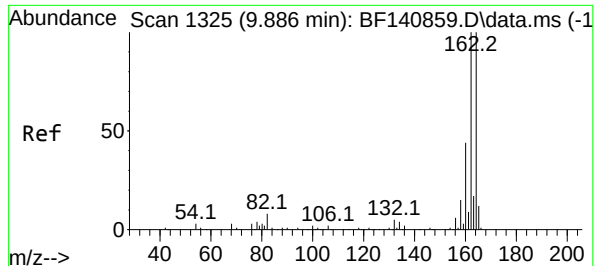
Tgt Ion:142 Resp: 479930

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# 11

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

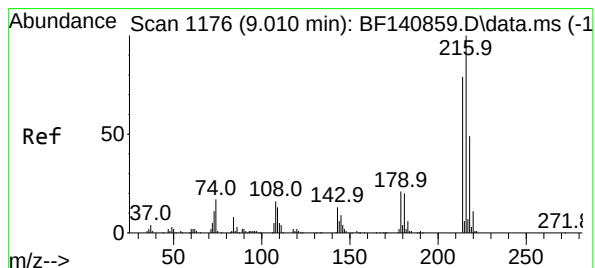
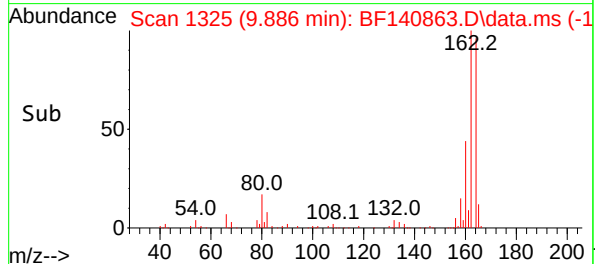
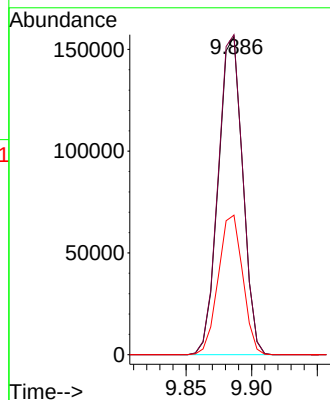
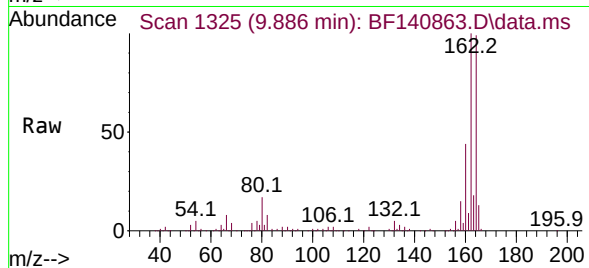
Tgt Ion:164 Resp: 202013

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

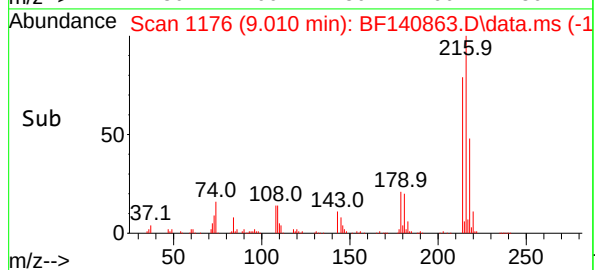
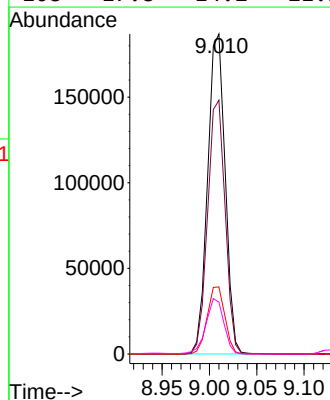
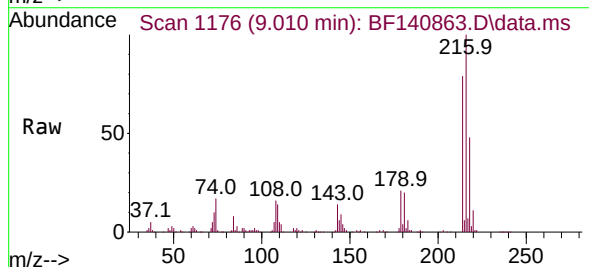
Ion Ratio Lower Upper

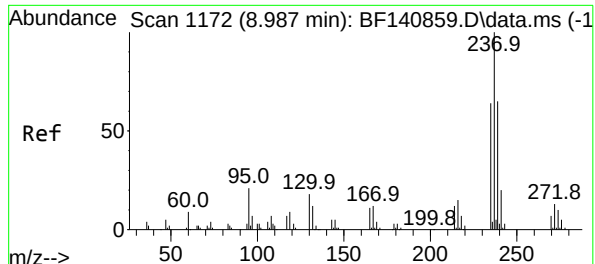
216 100

214 79.3 63.6 95.4

179 21.1 17.0 25.4

108 17.8 14.2 21.2

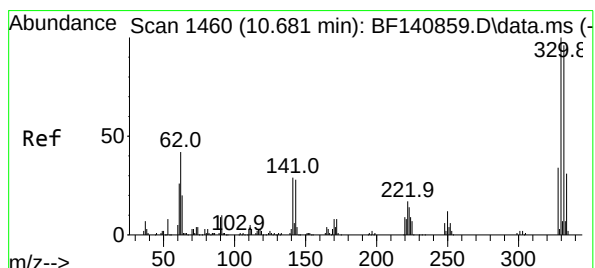
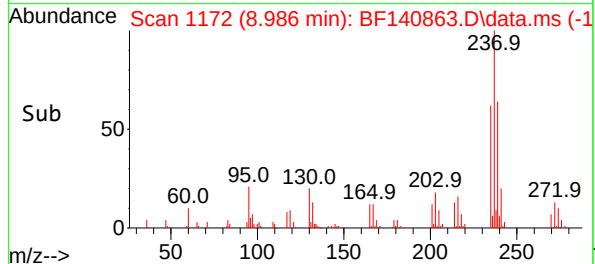
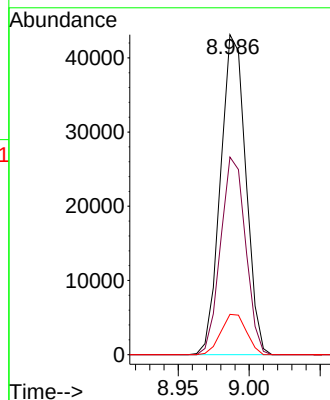
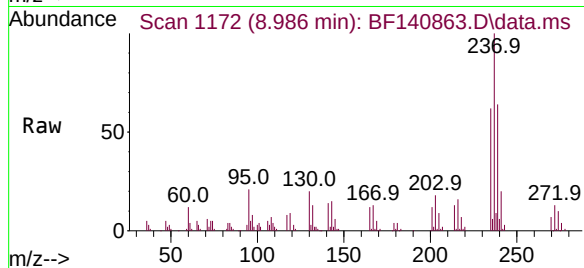




#41
Hexachlorocyclopentadiene
Concen: 37.672 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

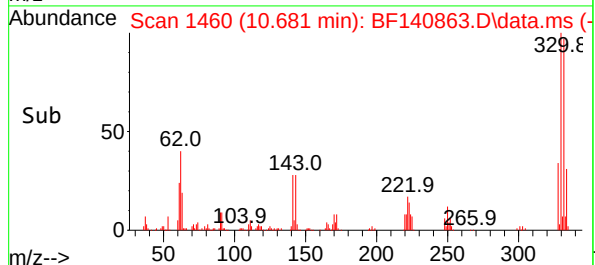
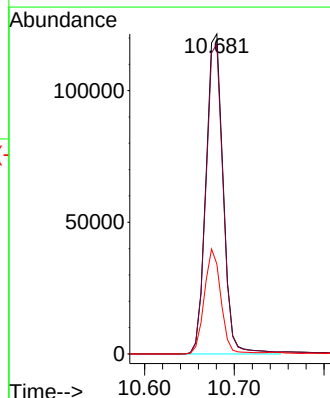
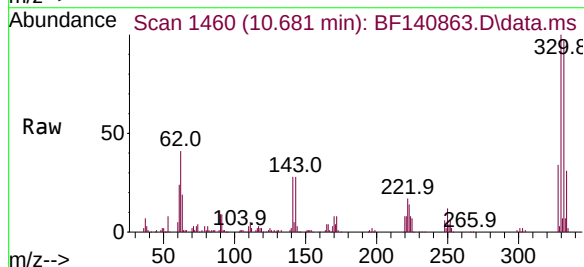
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

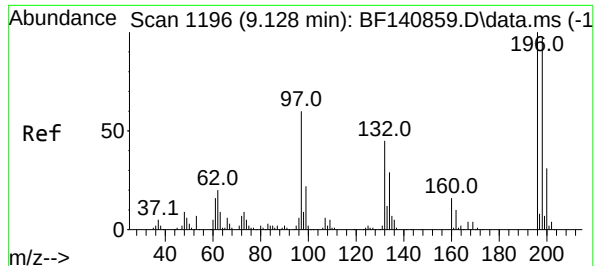
Tgt Ion:237 Resp: 53352
Ion Ratio Lower Upper
237 100
235 61.7 43.7 83.7
272 12.6 0.0 32.9



#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# 1196

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

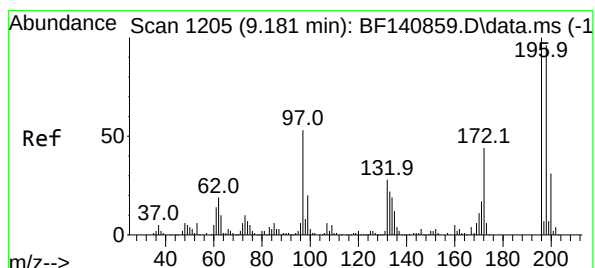
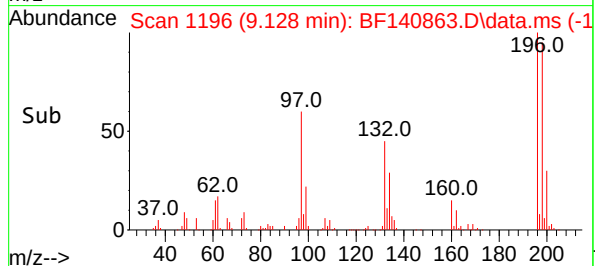
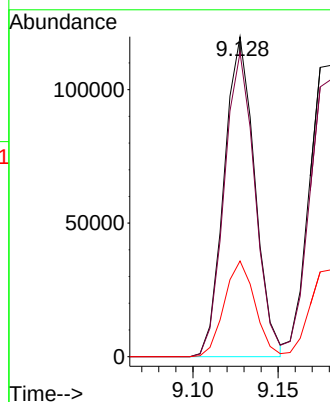
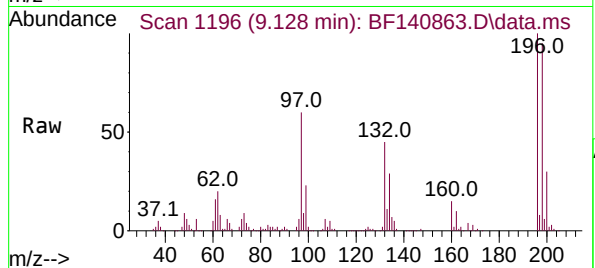
Tgt Ion:196 Resp: 149871

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

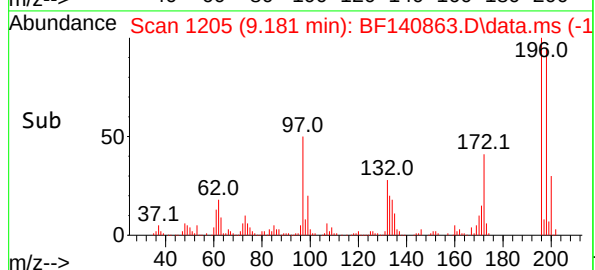
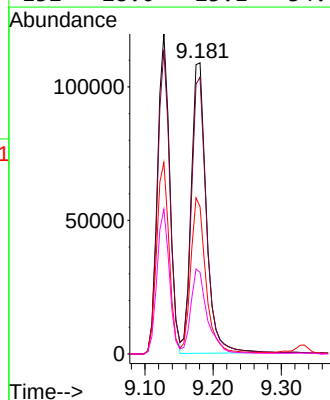
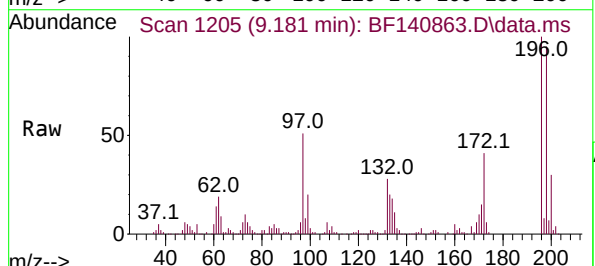
Ion Ratio Lower Upper

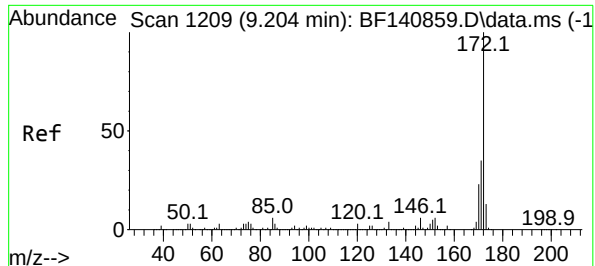
196 100

198 95.0 77.2 115.8

97 50.5 42.2 63.4

132 28.0 23.1 34.7

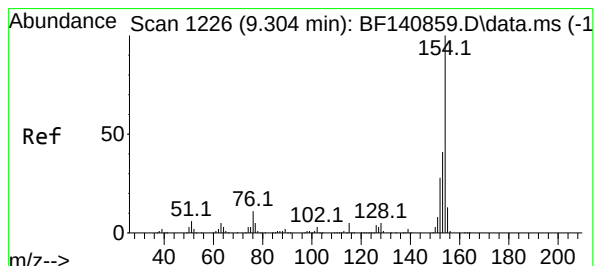
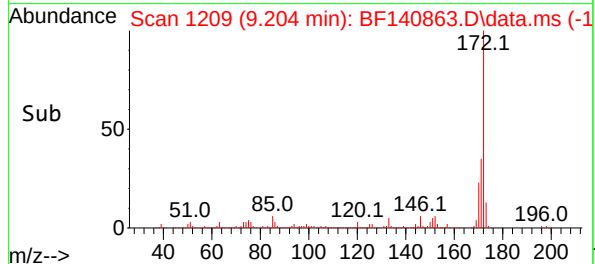
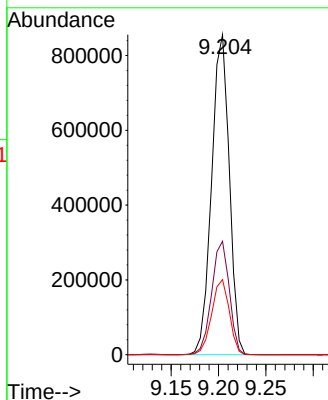
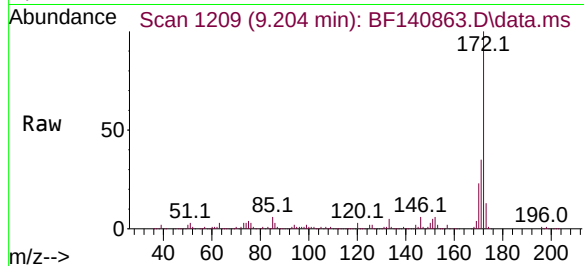




#45
2-Fluorobiphenyl
Concen: 75.432 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

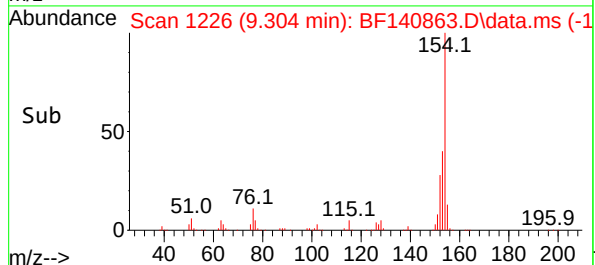
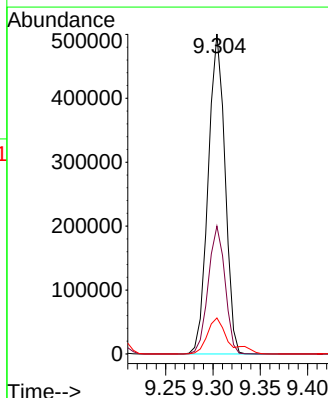
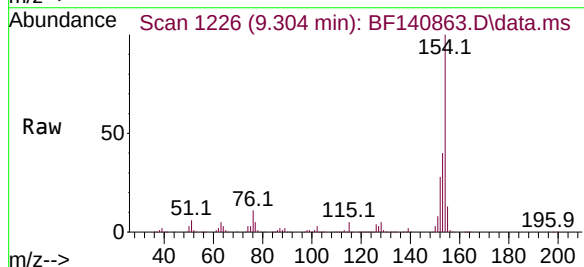
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

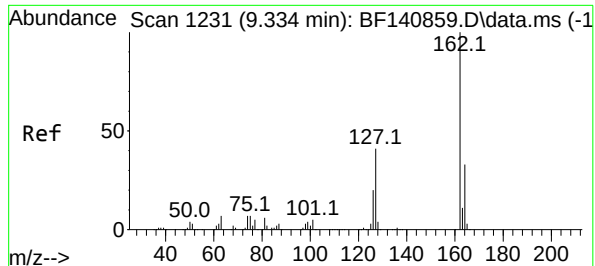
Tgt Ion:172 Resp: 1108356
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 18.6 28.0



#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

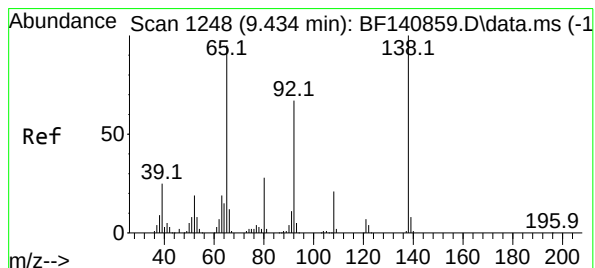
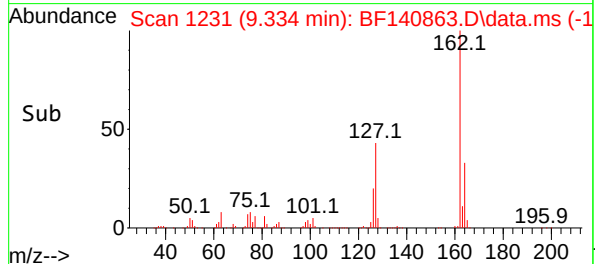
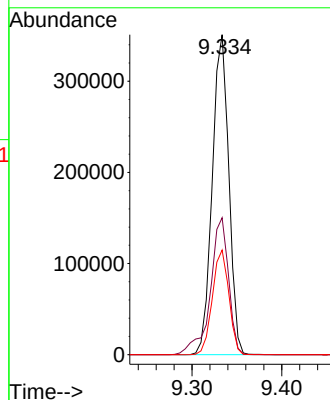
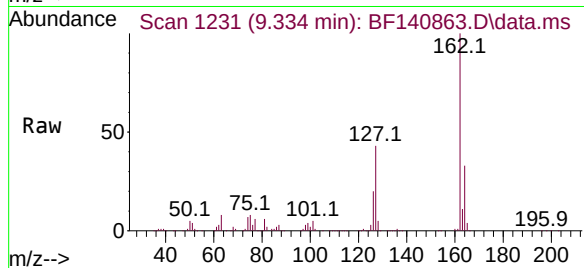




#47
2-Chloronaphthalene
Concen: 36.522 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

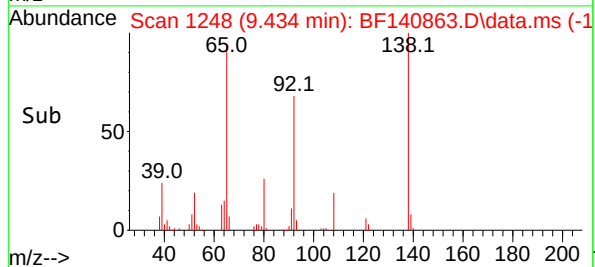
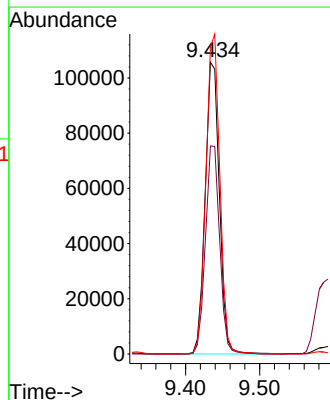
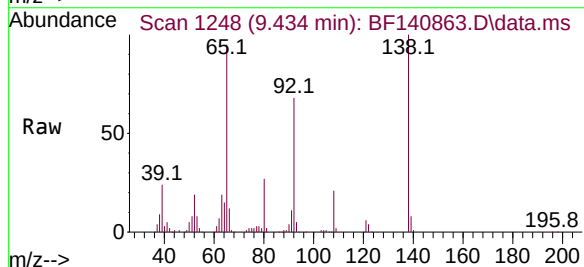
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

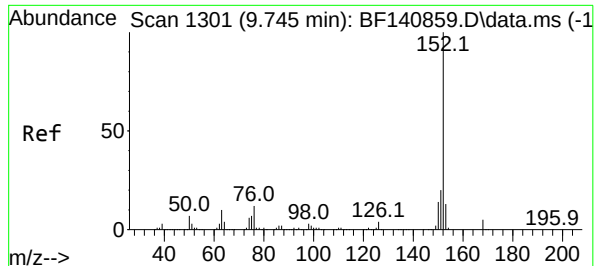
Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.5	50.3
164	32.7	26.2	39.2



#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	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# 11

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

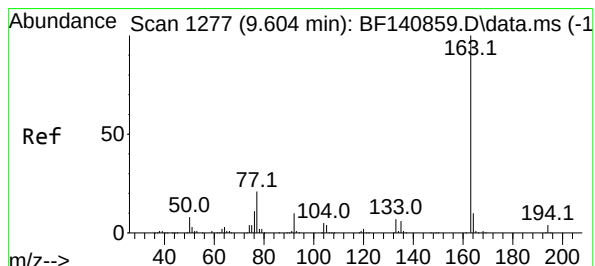
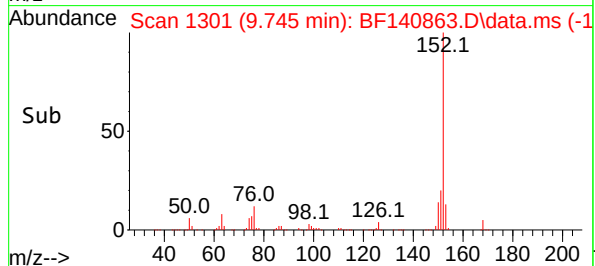
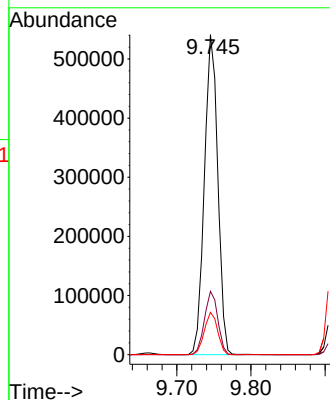
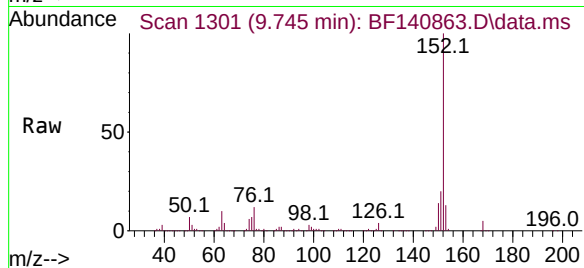
Tgt Ion:152 Resp: 679962

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

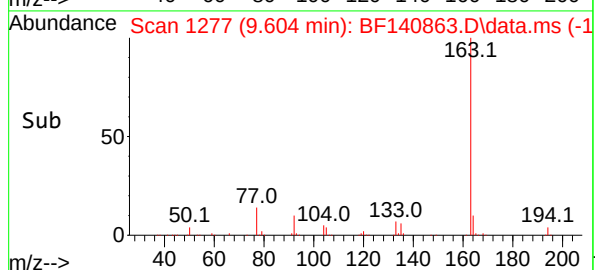
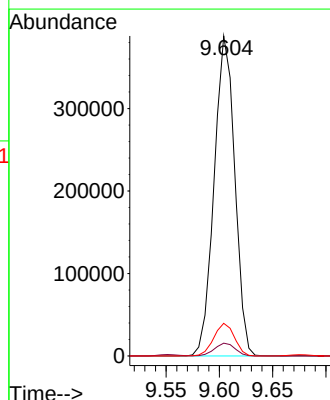
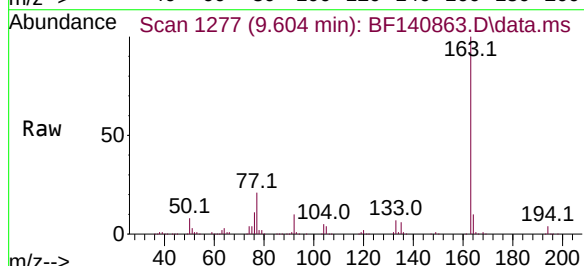
Tgt Ion:163 Resp: 522757

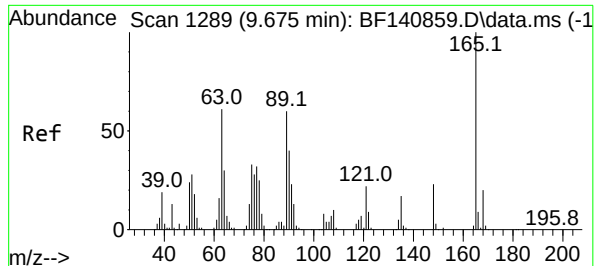
Ion Ratio Lower Upper

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# 1289

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

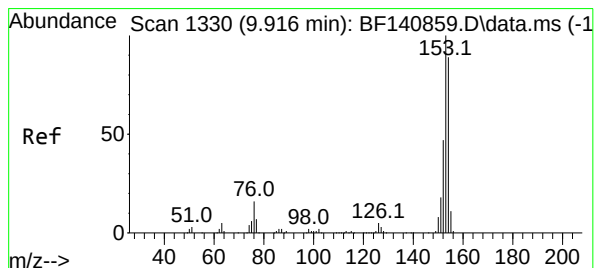
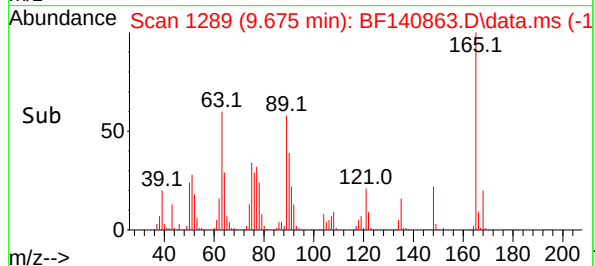
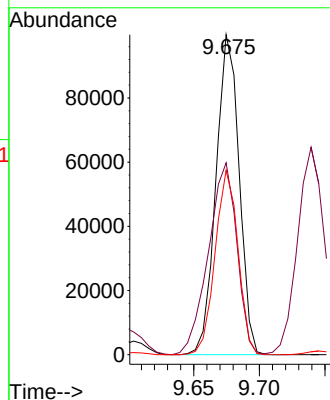
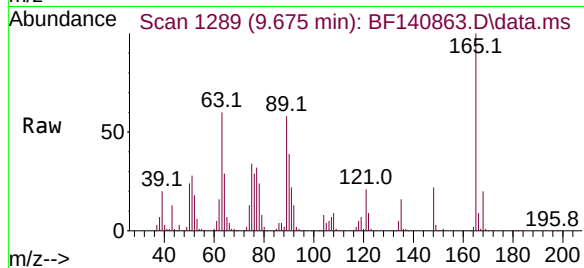
Tgt Ion:165 Resp: 122408

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

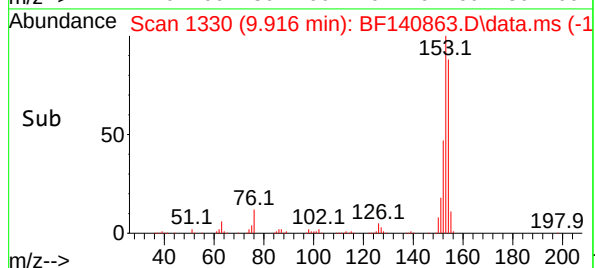
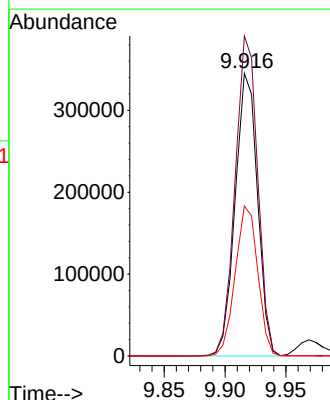
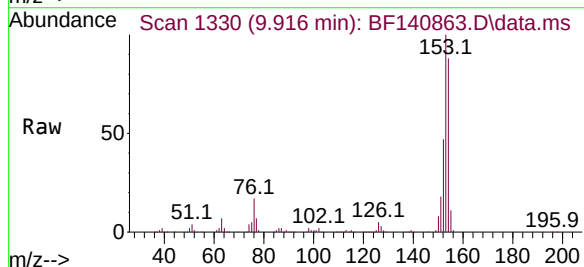
Tgt Ion:154 Resp: 441540

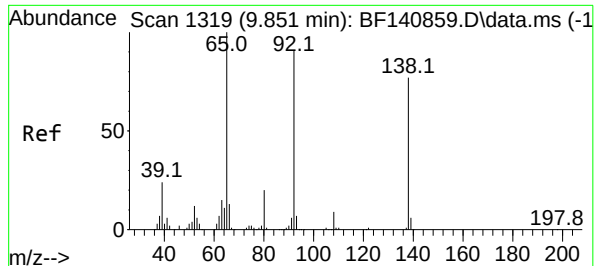
Ion Ratio Lower Upper

154 100

153 113.2 89.9 134.9

152 53.1 42.6 63.8

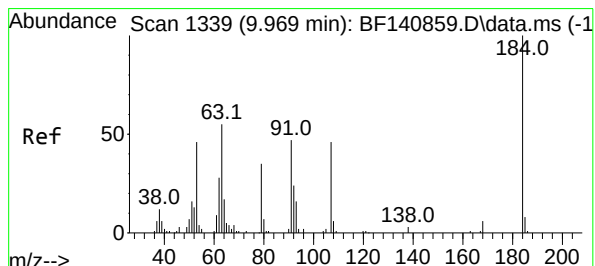
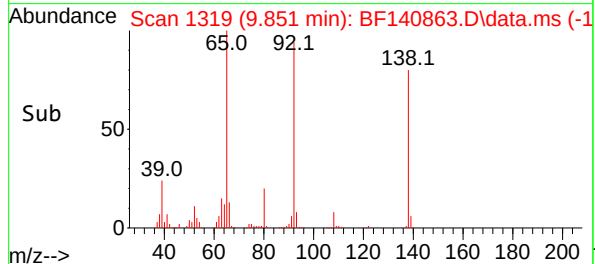
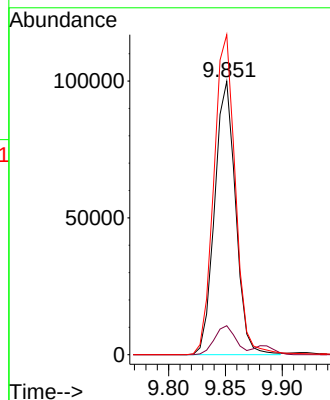
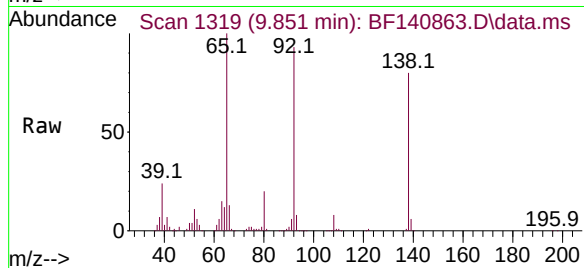




#53
3-Nitroaniline
Concen: 39.722 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

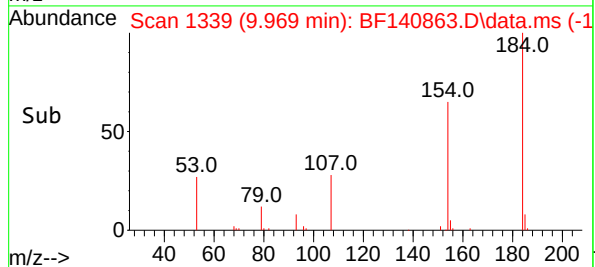
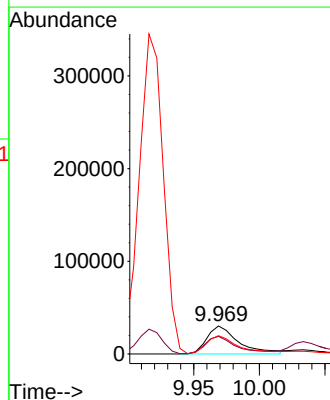
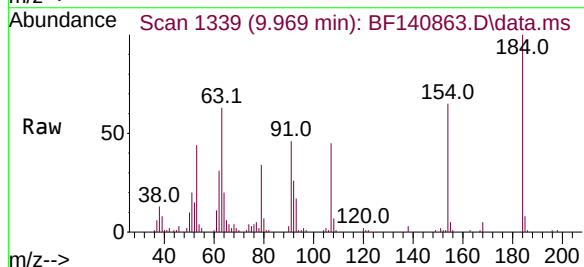
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

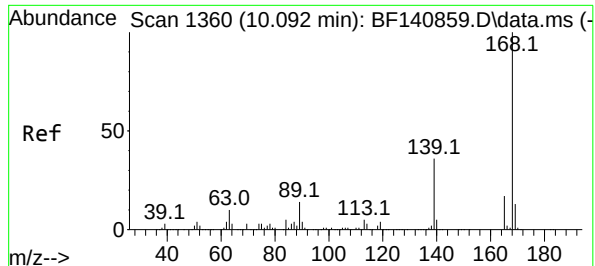
Tgt Ion:138 Resp: 128348
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 117.1 95.5 143.3



#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# 1360

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

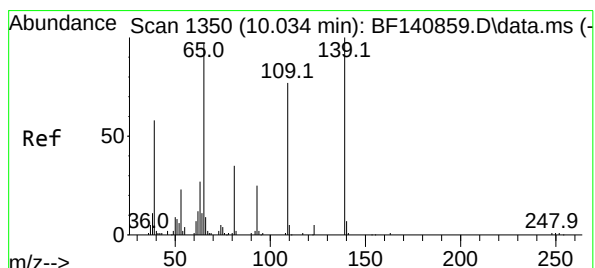
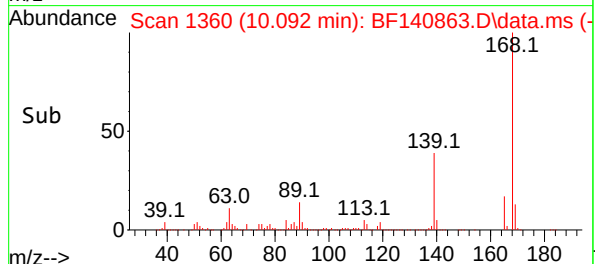
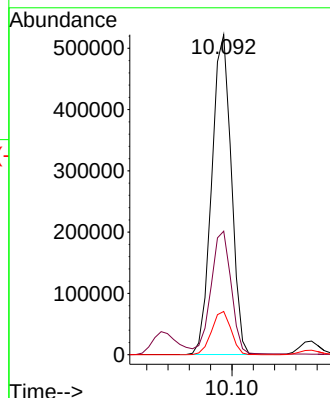
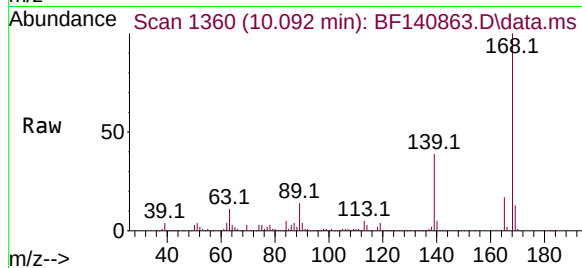
Tgt Ion:168 Resp: 663435

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

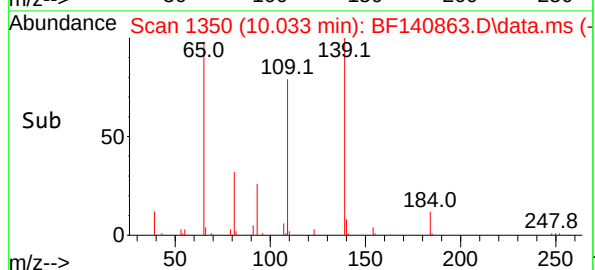
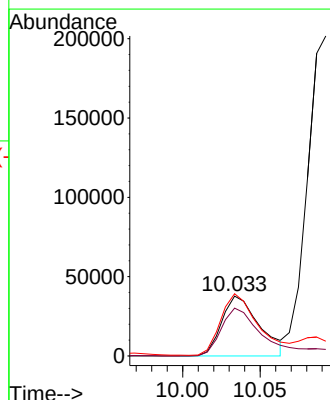
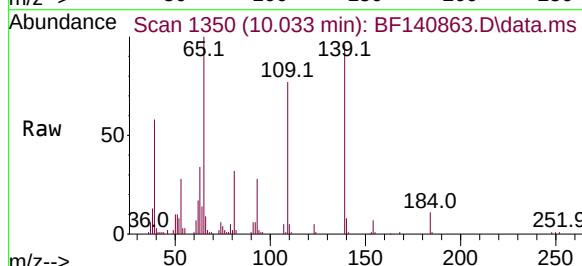
Tgt Ion:139 Resp: 63289

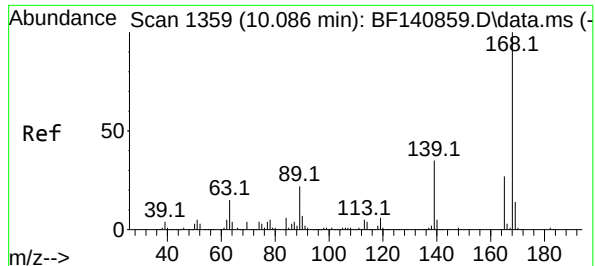
Ion Ratio Lower Upper

139 100

109 80.0 56.7 96.7

65 103.8 78.1 118.1

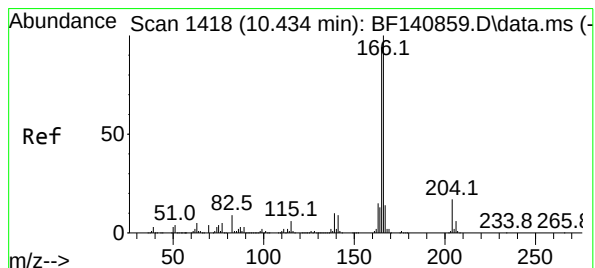
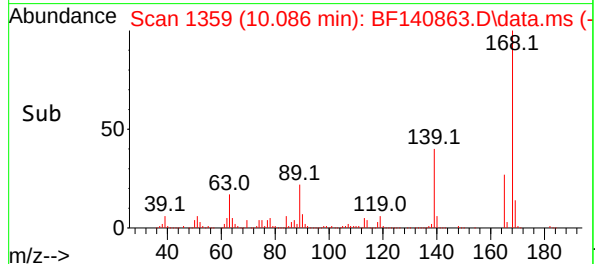
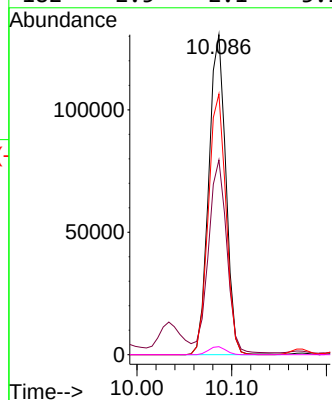
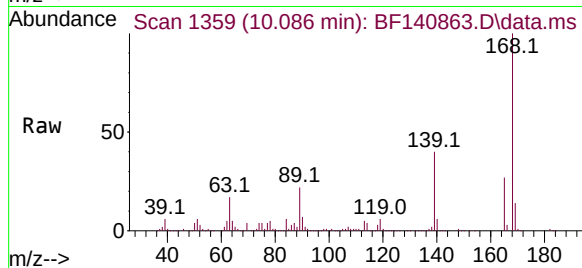




#57
2,4-Dinitrotoluene
Concen: 38.076 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

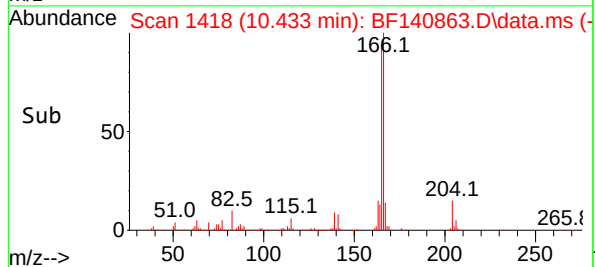
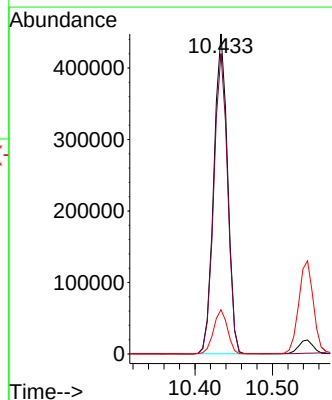
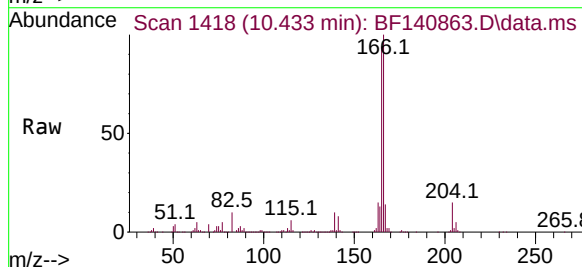
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

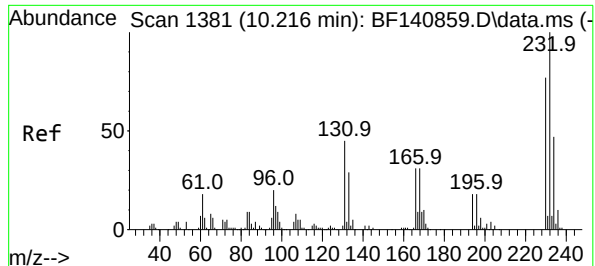
Tgt Ion:165 Resp: 163115
Ion Ratio Lower Upper
165 100
63 60.9 49.3 73.9
89 81.5 66.2 99.4
182 2.5 2.1 3.1



#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

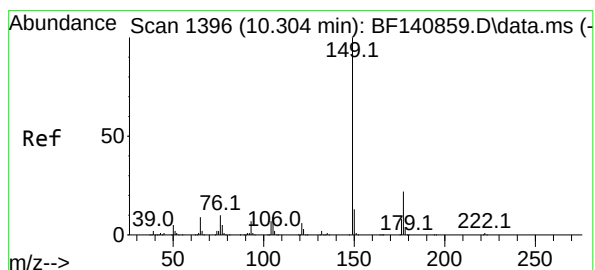
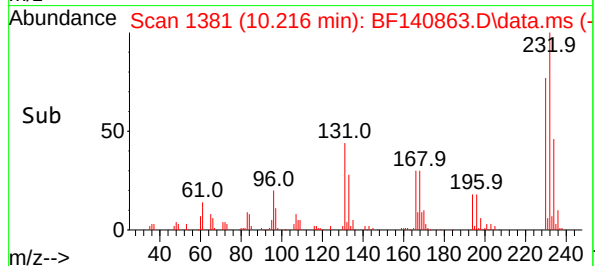
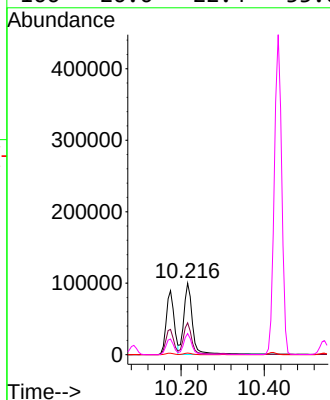
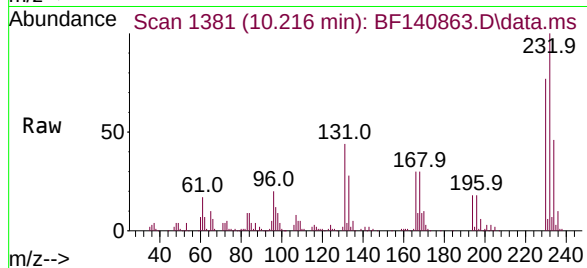




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.405 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

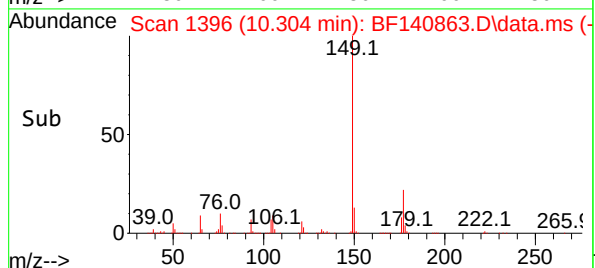
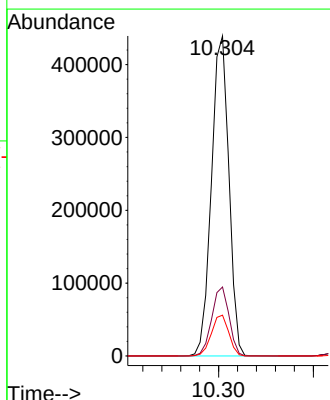
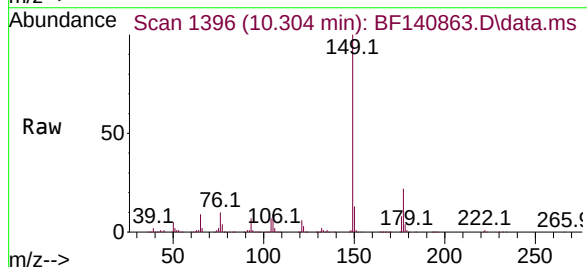
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

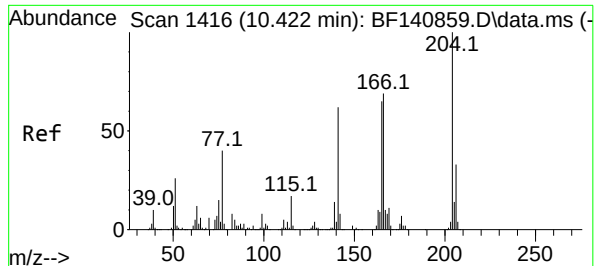
Tgt Ion:232 Resp: 144396
Ion Ratio Lower Upper
232 100
131 42.6 35.1 52.7
130 2.2 1.8 2.8
166 26.6 22.4 33.6



#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

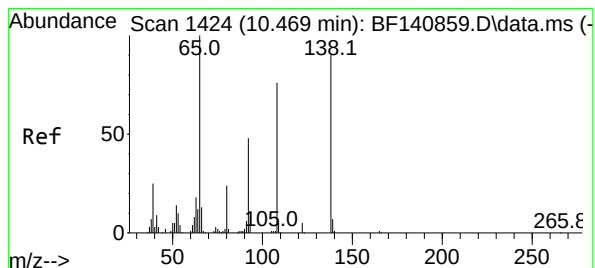
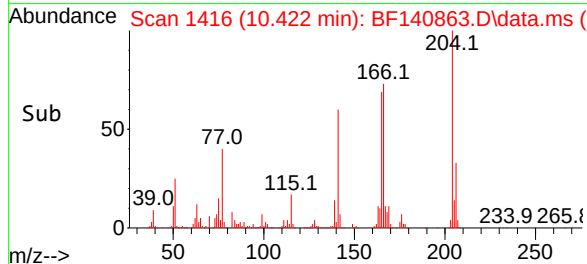
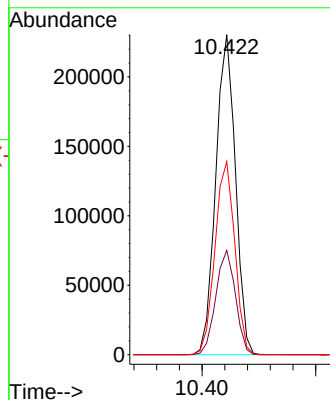
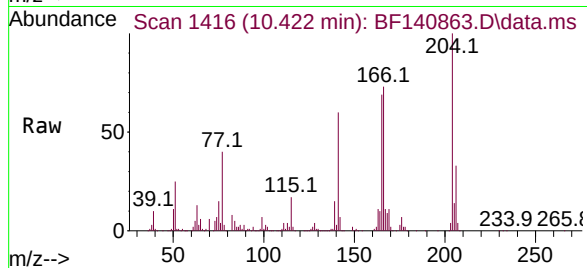




#61
4-Chlorophenyl-phenylether
Concen: 37.398 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

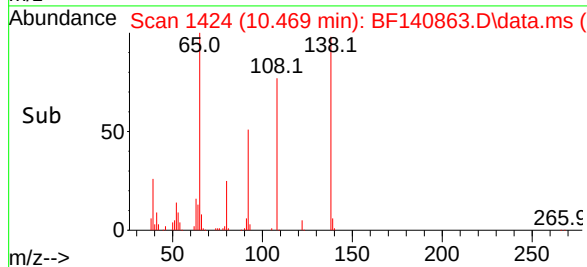
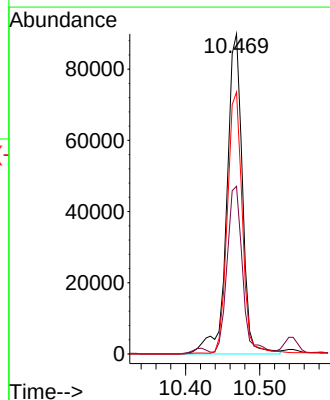
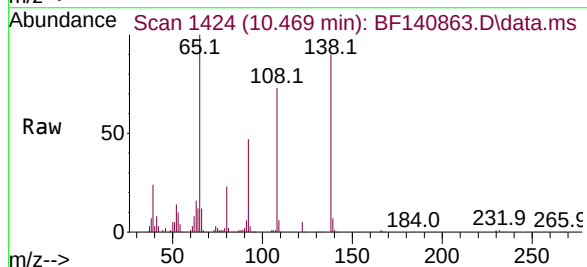
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

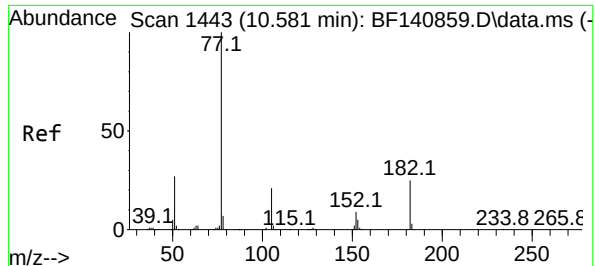
Tgt Ion:204 Resp: 277040
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 60.3 50.0 75.0



#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

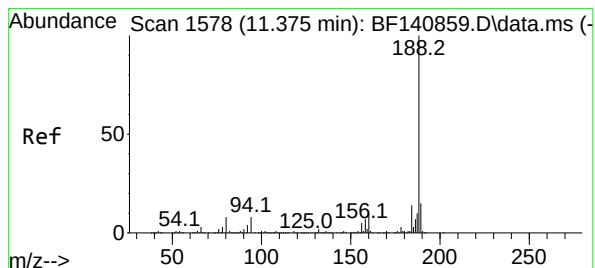
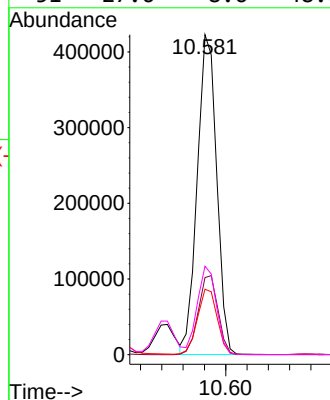
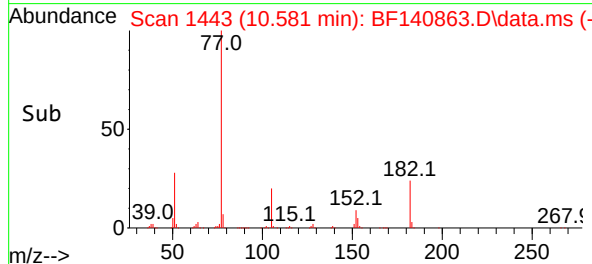
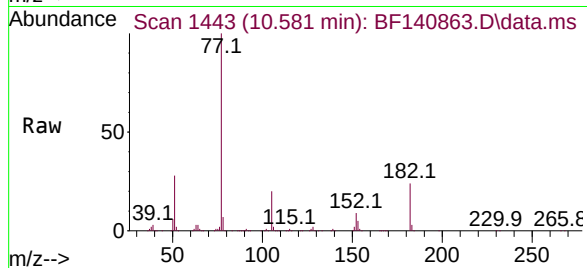




#63
Azobenzene
Concen: 38.657 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

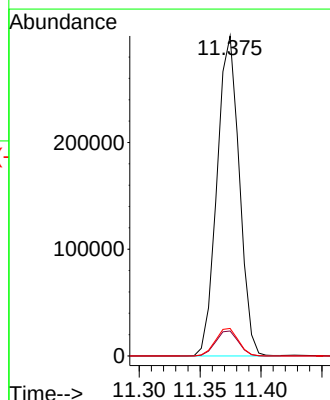
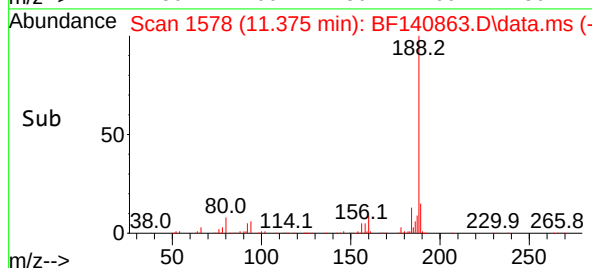
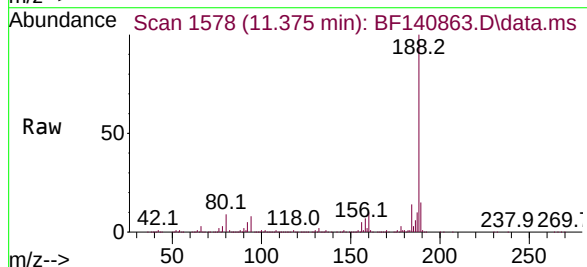
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

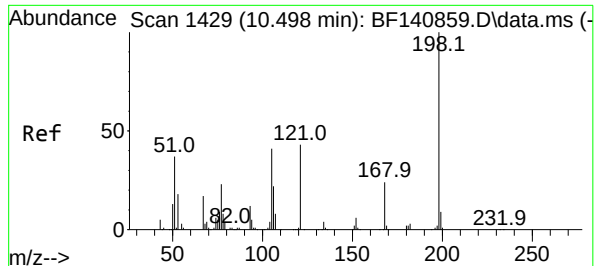
Tgt Ion: 77	Resp: 536731
Ion Ratio	Lower Upper
77 100	
182 24.1	4.5 44.5
105 20.5	0.9 40.9
51 27.6	8.6 48.6



#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

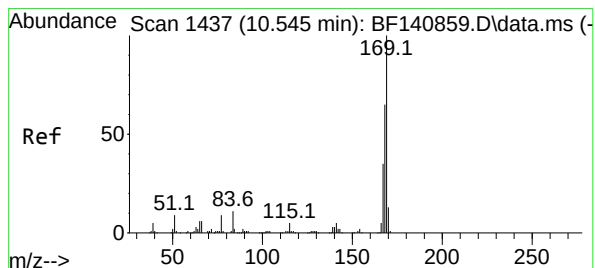
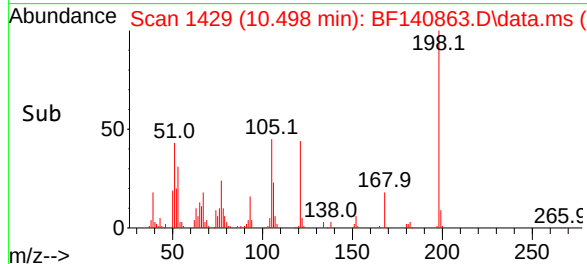
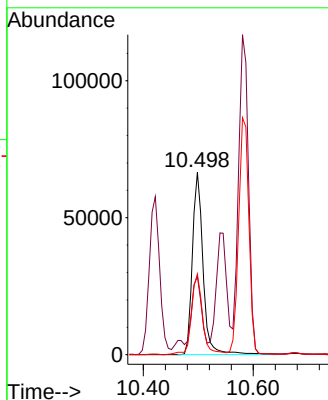
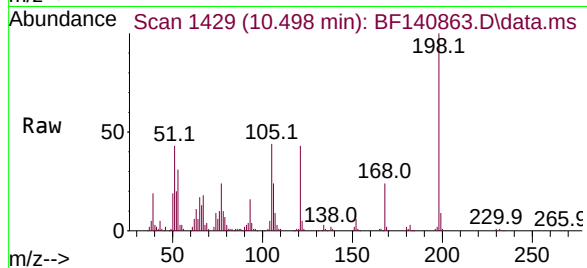




#65
4,6-Dinitro-2-methylphenol
Concen: 41.637 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

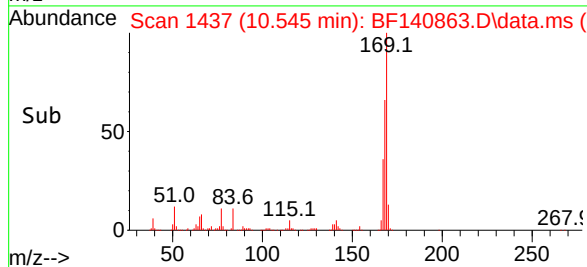
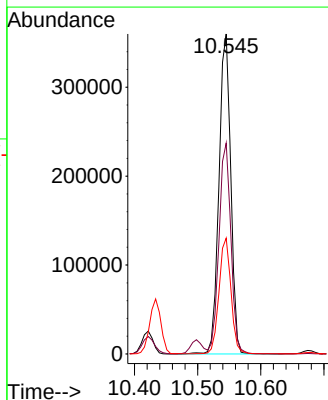
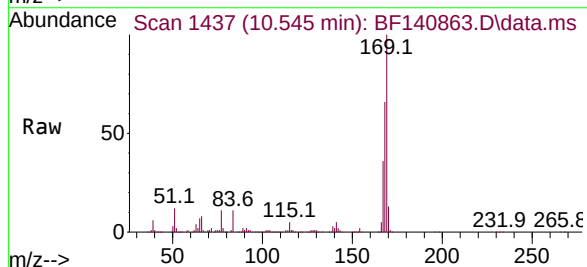
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

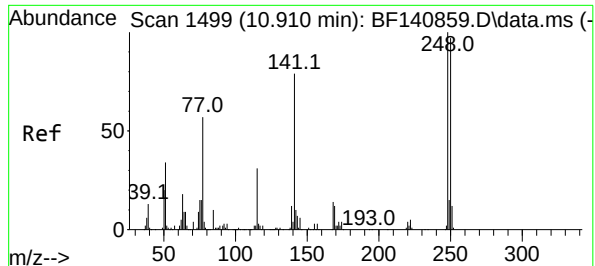
Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.9	24.4	64.4
105	44.3	22.1	62.1



#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	Ratio	Lower	Upper
169	100		
168	65.9	53.4	80.0
167	36.2	28.3	42.5

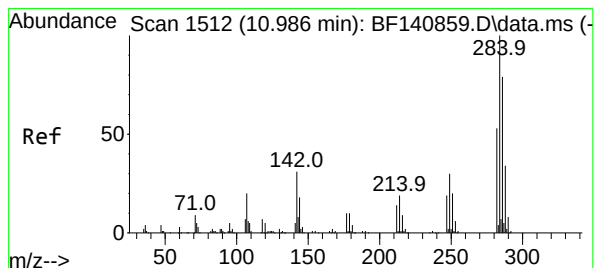
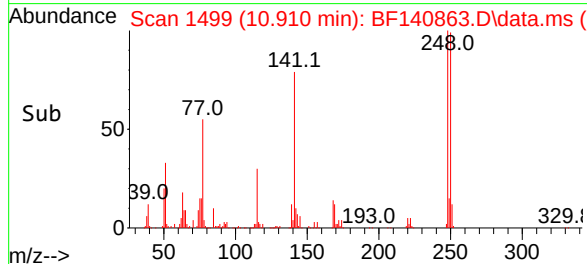
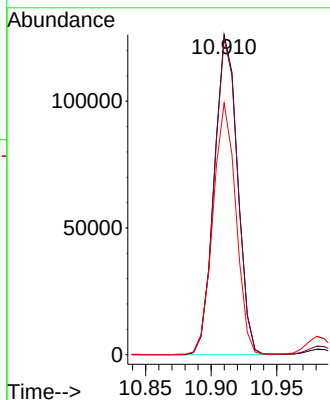
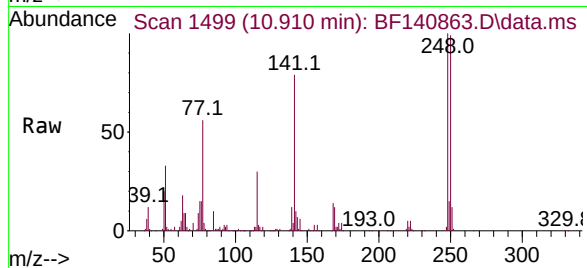




#67
4-Bromophenyl-phenylether
Concen: 36.329 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

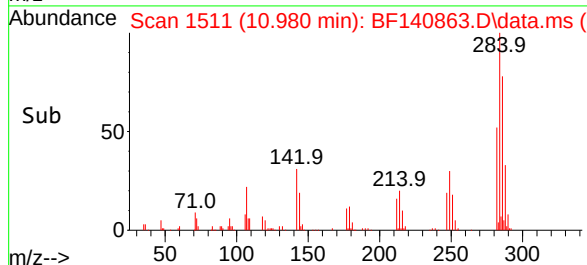
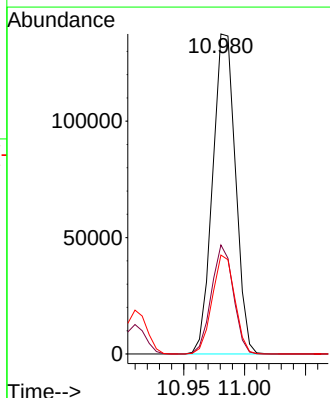
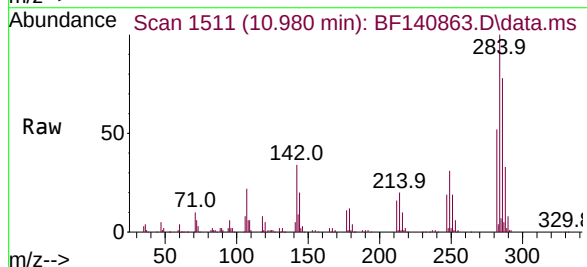
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

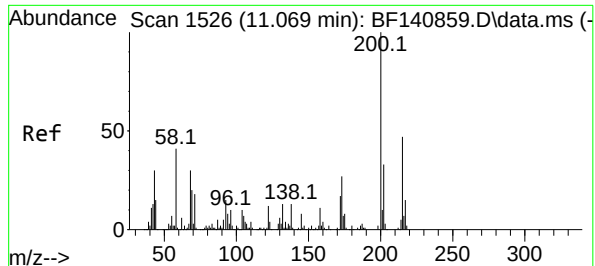
Tgt Ion:248 Resp: 155245
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 78.6 62.9 94.3



#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# 1526

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

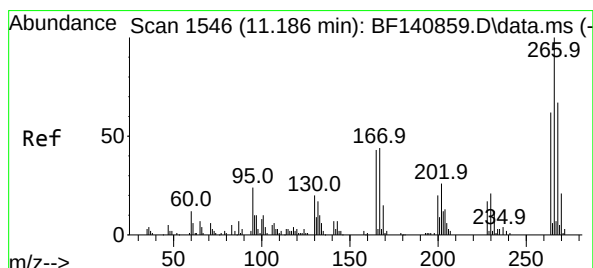
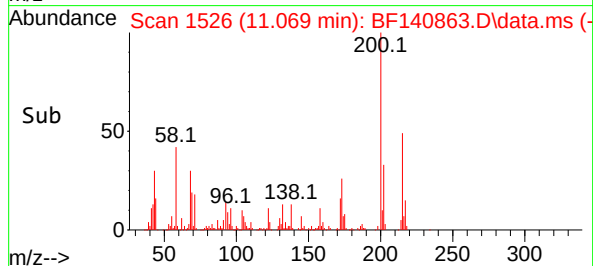
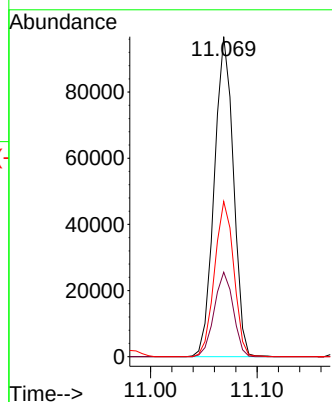
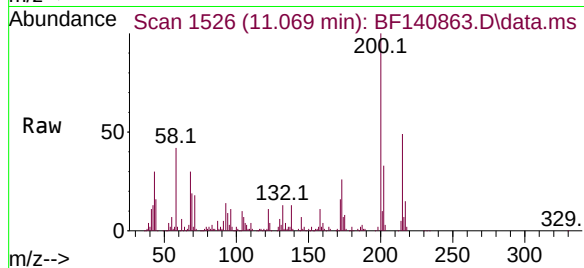
Tgt Ion:200 Resp: 120830

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

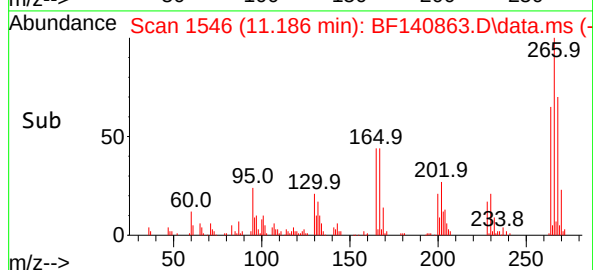
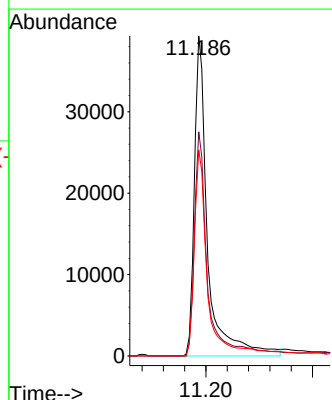
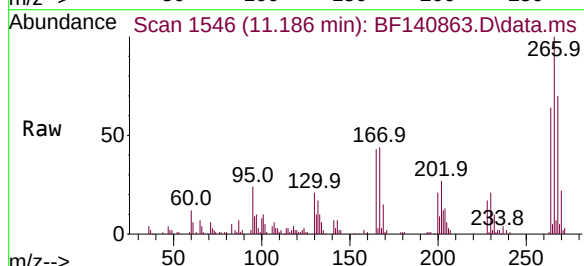
Tgt Ion:266 Resp: 68516

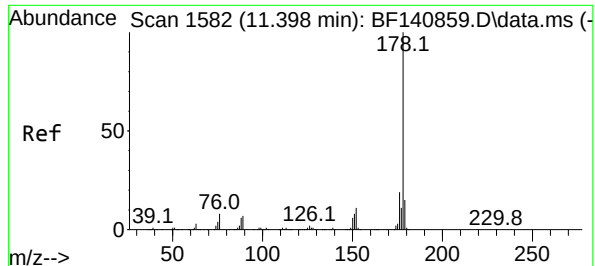
Ion Ratio Lower Upper

266 100

268 70.1 54.0 81.0

264 64.4 49.4 74.2

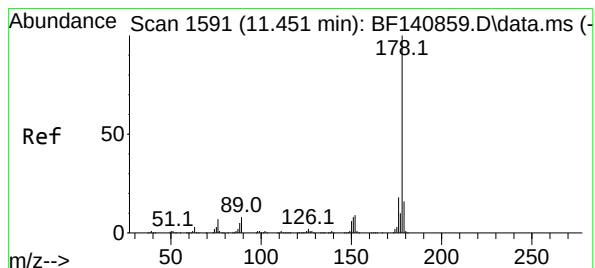
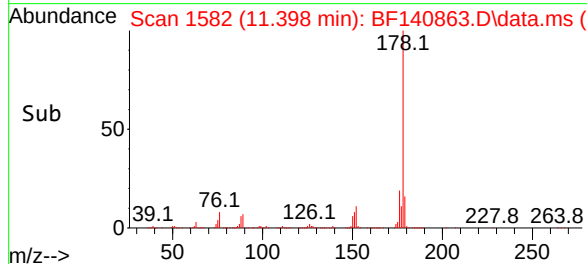
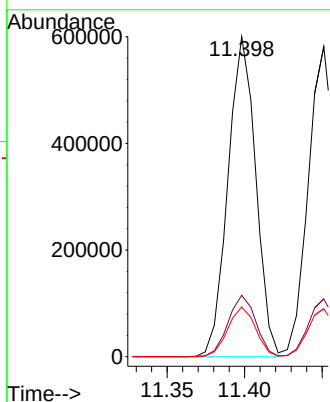
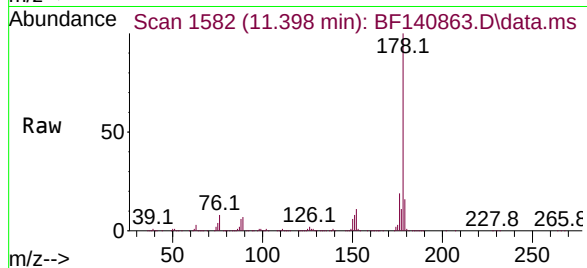




#71
Phenanthrene
Concen: 38.078 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

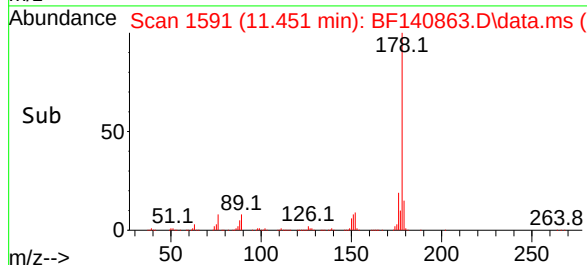
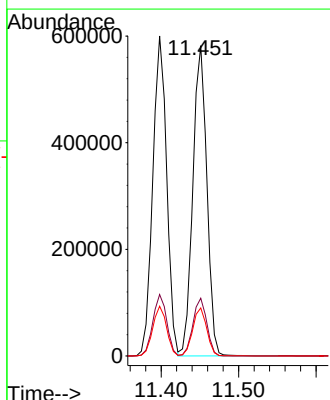
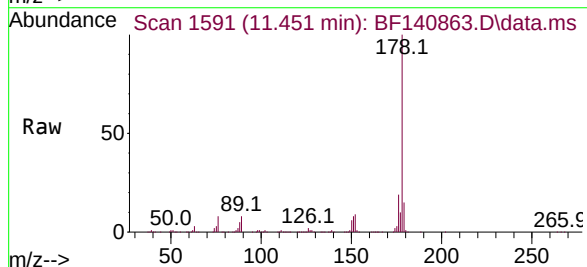
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

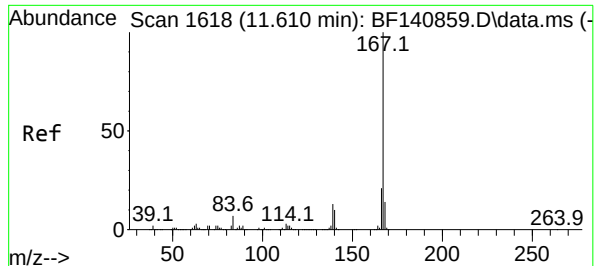
Tgt Ion:178 Resp: 747974
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.1 18.1



#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

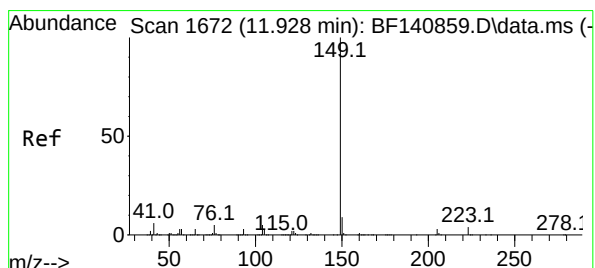
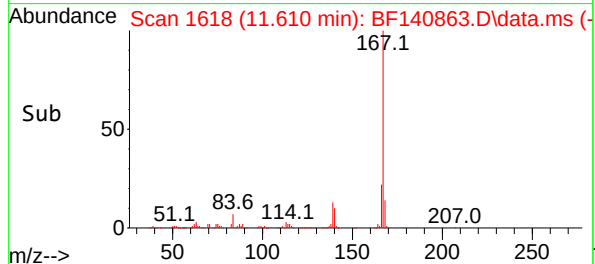
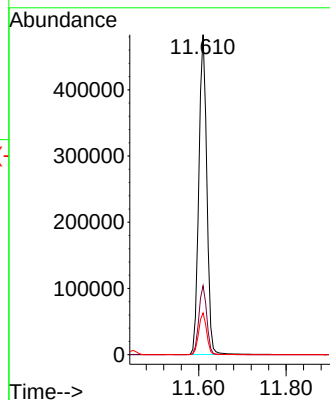
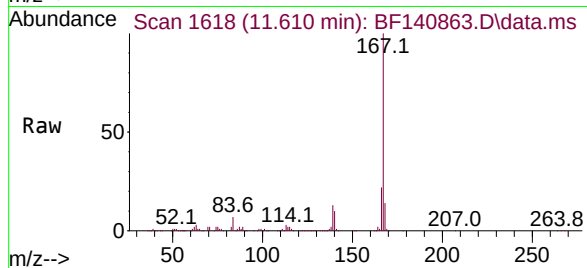




#73
Carbazole
Concen: 32.390 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

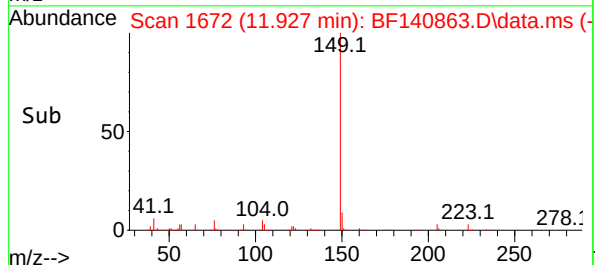
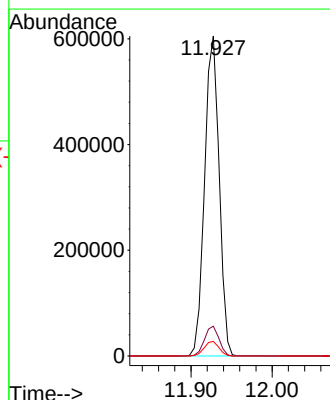
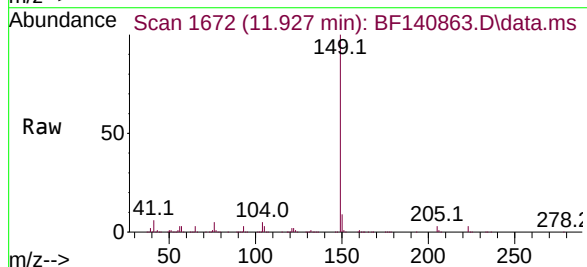
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

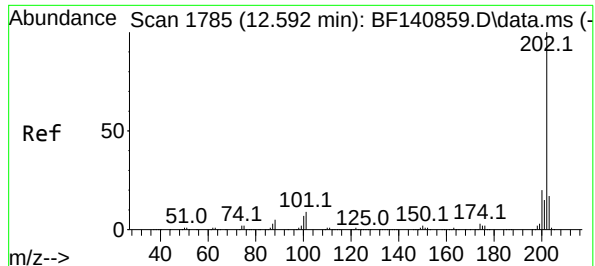
Tgt Ion:167 Resp: 613711
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 13.1 10.2 15.2



#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

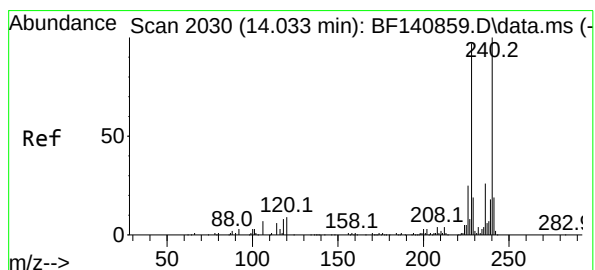
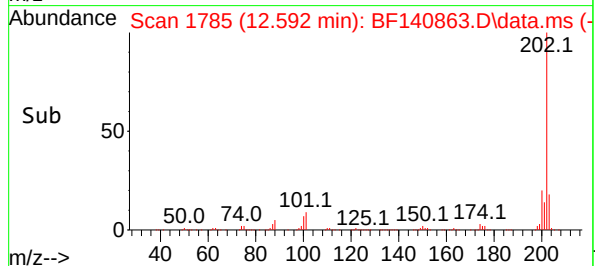
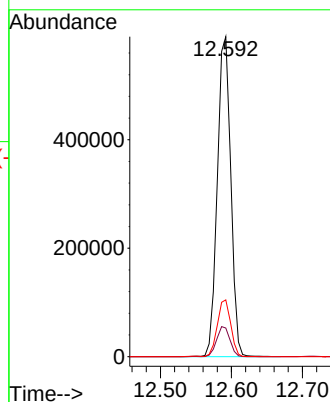
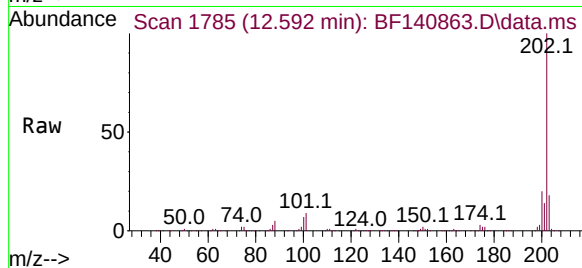




#75
Fluoranthene
Concen: 34.163 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

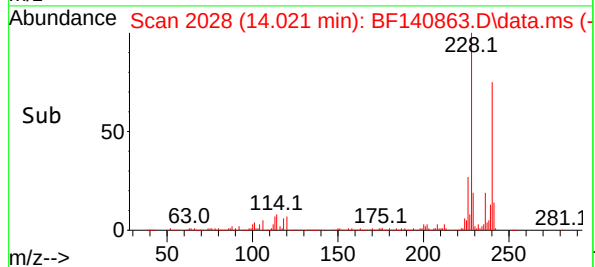
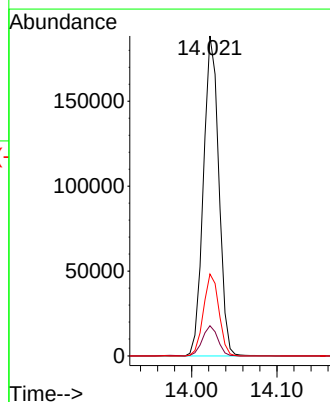
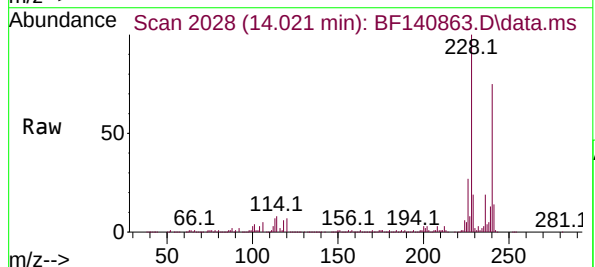
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

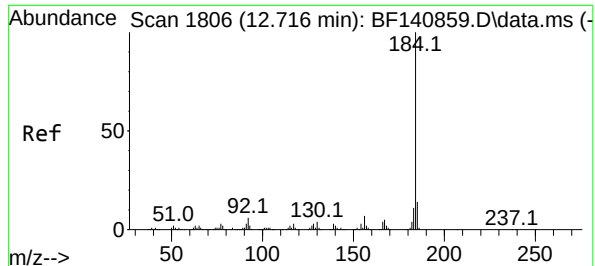
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.3
203	17.7	0.0	37.4



#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	Ratio	Lower	Upper
240	100		
120	9.5	7.6	11.4
236	25.6	20.5	30.7

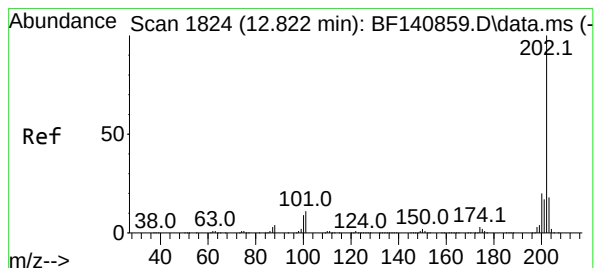
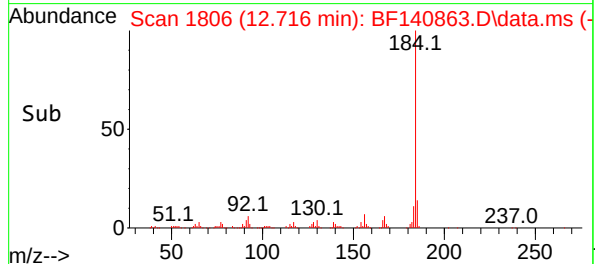
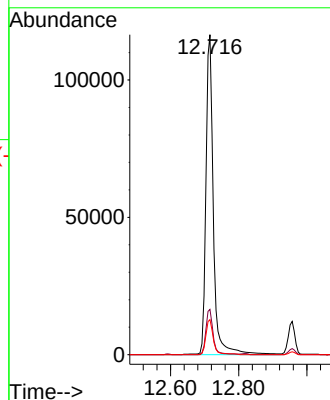
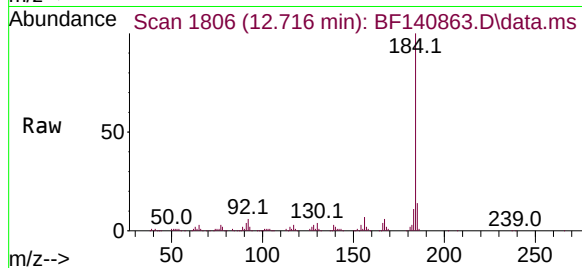




#77
Benzidine
Concen: 36.642 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

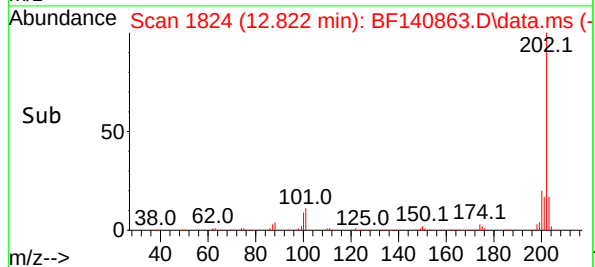
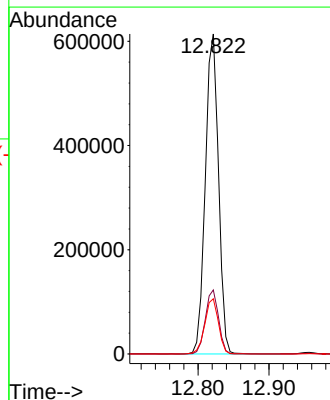
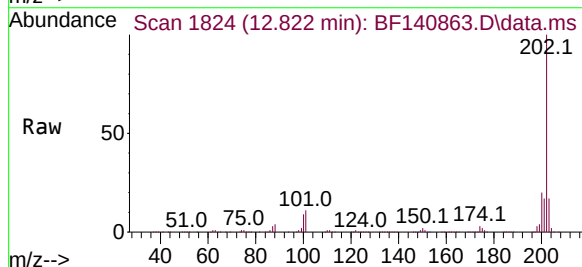
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

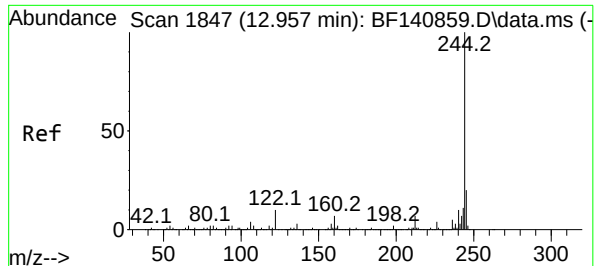
Tgt Ion:184 Resp: 176802
Ion Ratio Lower Upper
184 100
185 14.2 11.1 16.7
183 10.9 9.0 13.4



#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

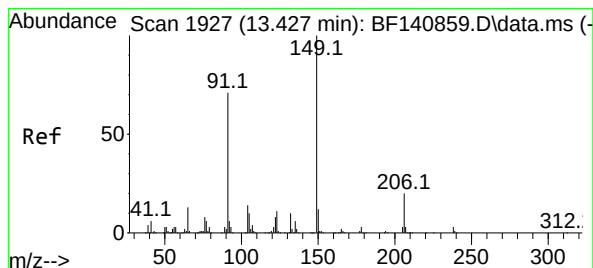
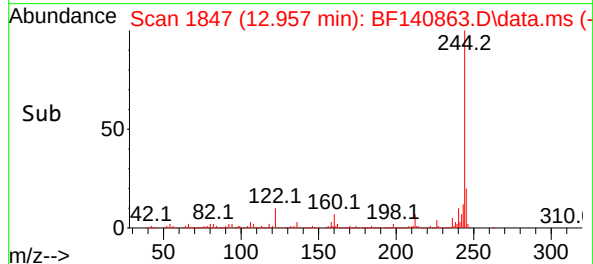
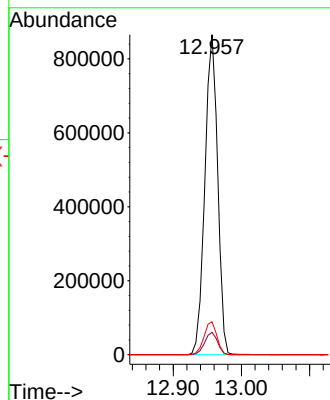
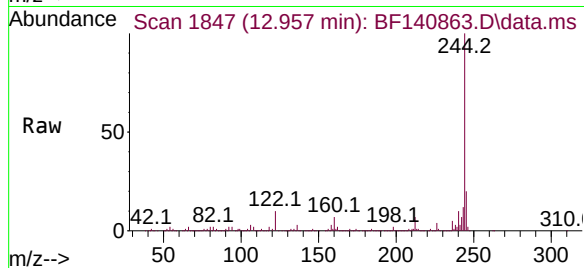




#79
Terphenyl-d14
Concen: 75.108 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

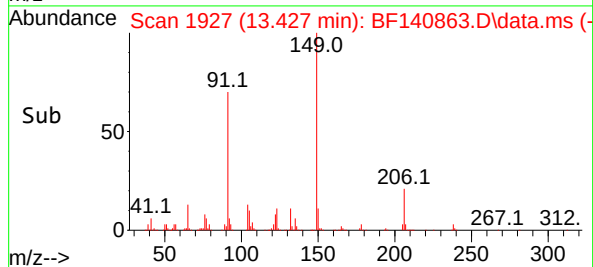
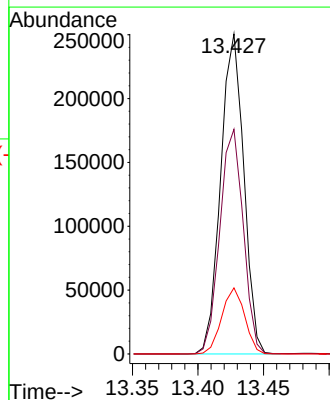
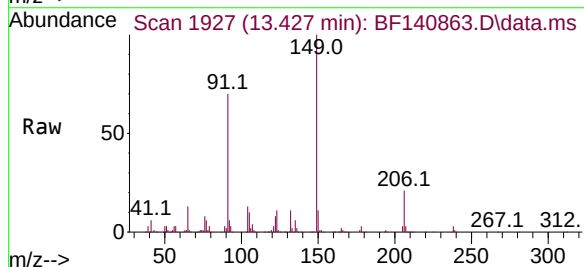
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

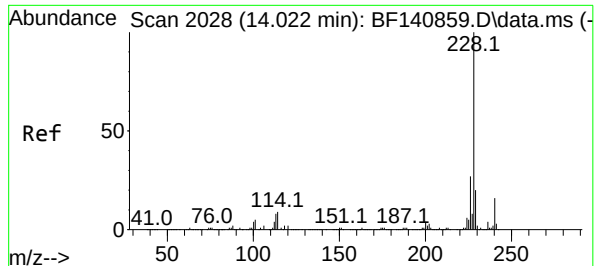
Tgt Ion:244 Resp: 1126061
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.3 8.2 12.2



#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

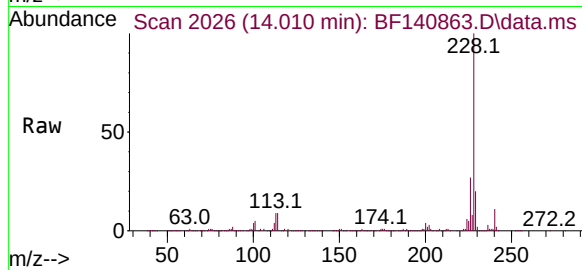
Tgt Ion:149 Resp: 307036
Ion Ratio Lower Upper
149 100
91 70.2 56.7 85.1
206 20.6 16.4 24.6



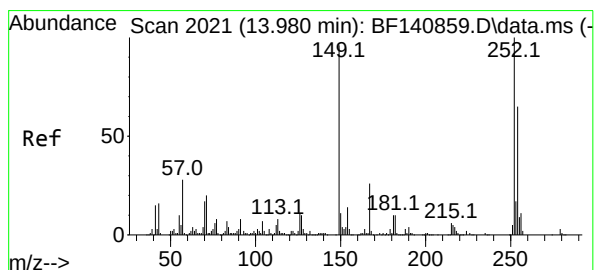
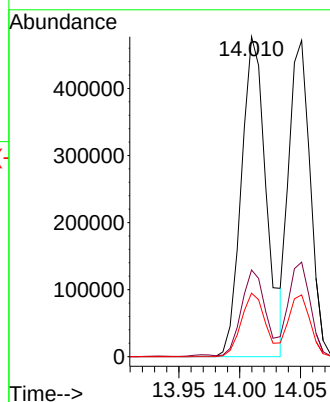
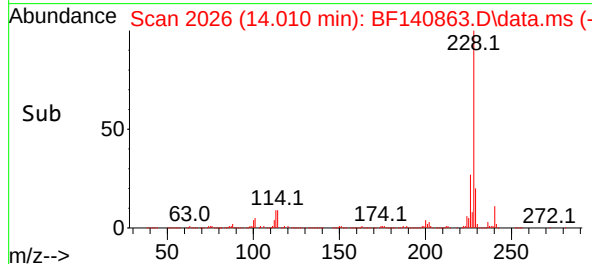


#81
Benzo(a)anthracene
Concen: 40.525 ng
RT: 14.010 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

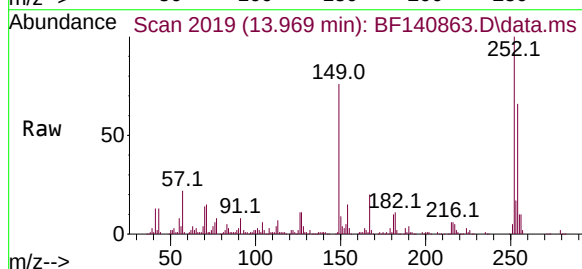
Instrument :
BNA_F
ClientSampleId :
ICVBF121624



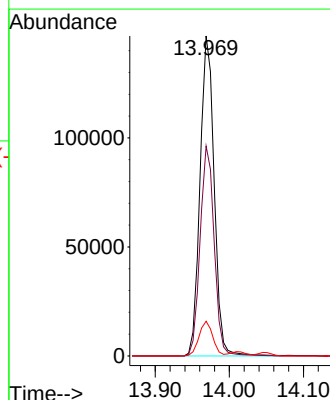
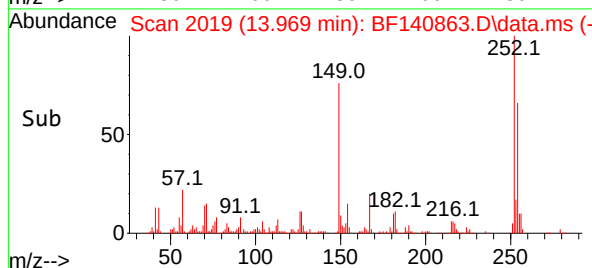
Tgt Ion:228 Resp: 679017
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.8 15.8 23.8

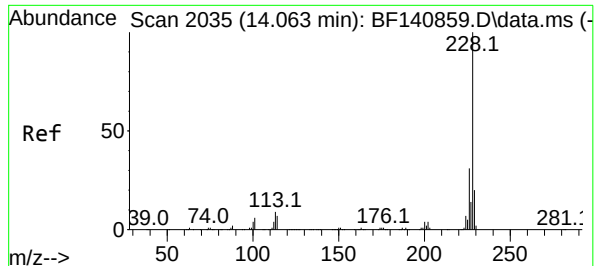


#82
3,3'-Dichlorobenzidine
Concen: 38.459 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41



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# 20

Delta R.T. -0.012 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

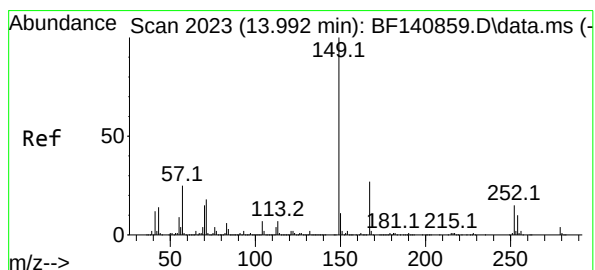
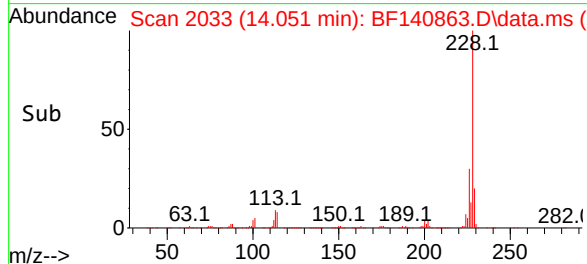
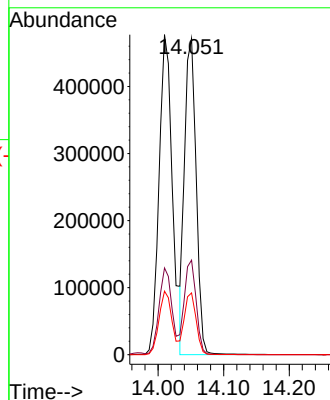
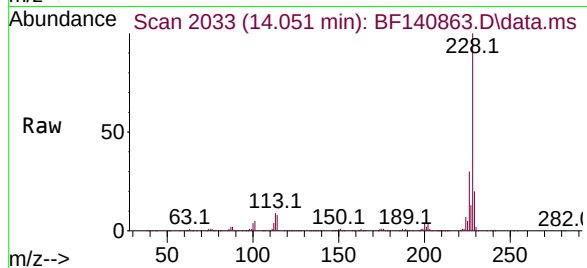
Tgt Ion:228 Resp: 574336

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

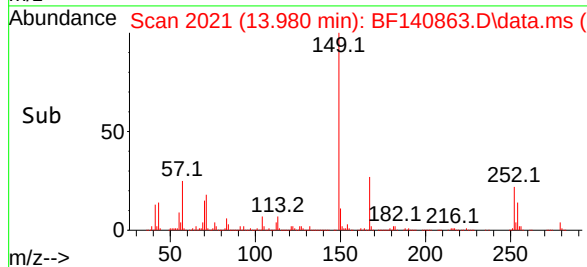
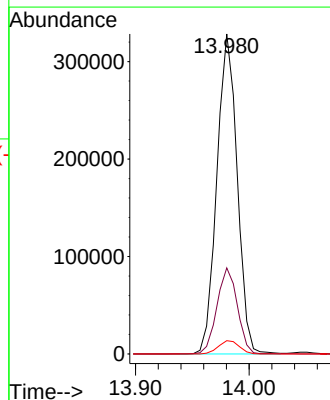
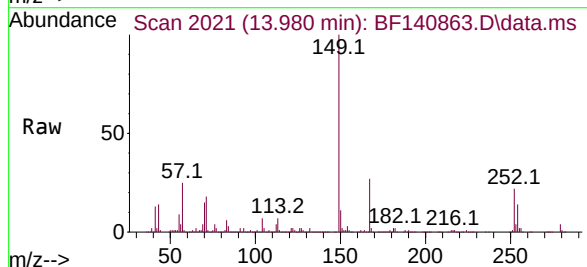
Tgt Ion:149 Resp: 408768

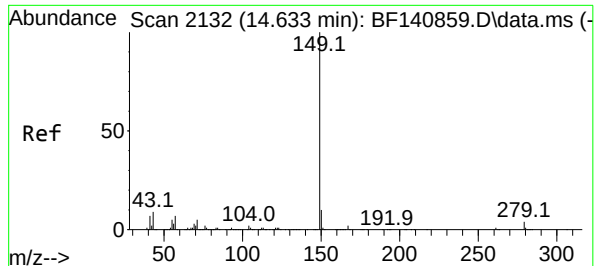
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 4.2 3.5 5.3

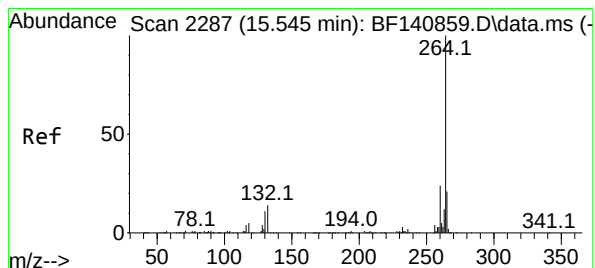
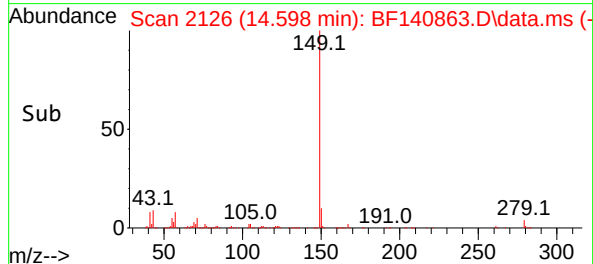
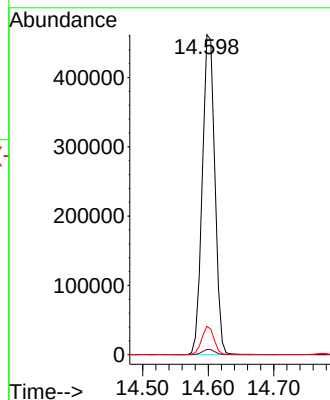
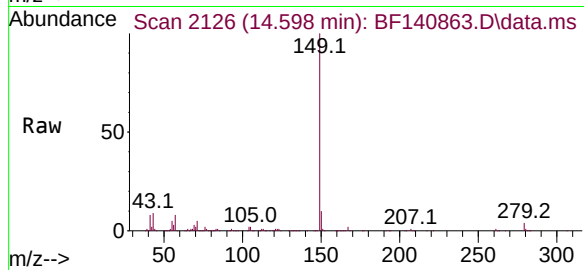




#85
Di-n-octyl phthalate
Concen: 40.907 ng
RT: 14.598 min Scan# 2132
Delta R.T. -0.035 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

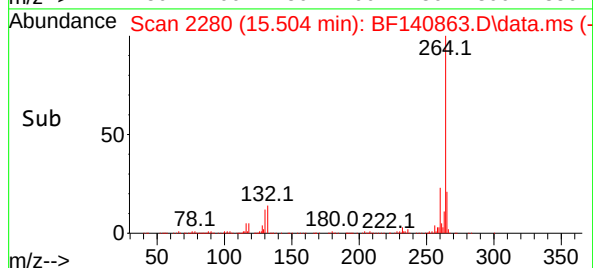
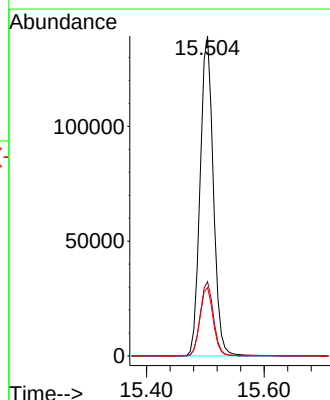
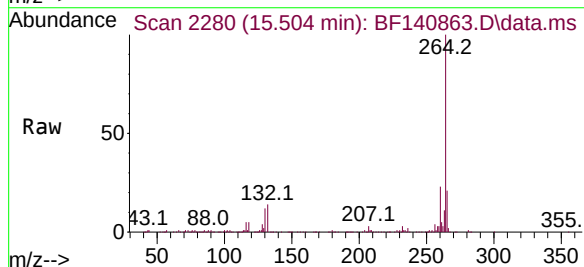
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

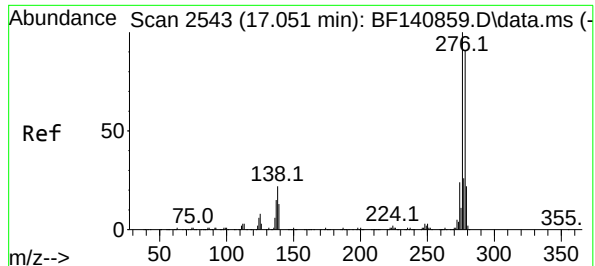
Tgt Ion:149 Resp: 617289
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 7.0 10.6



#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

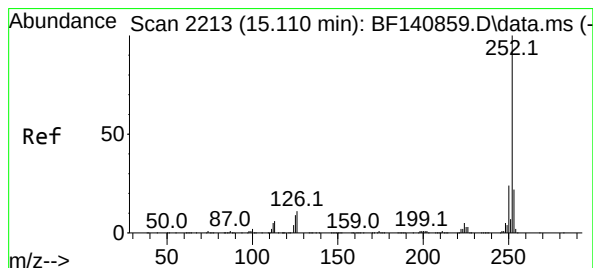
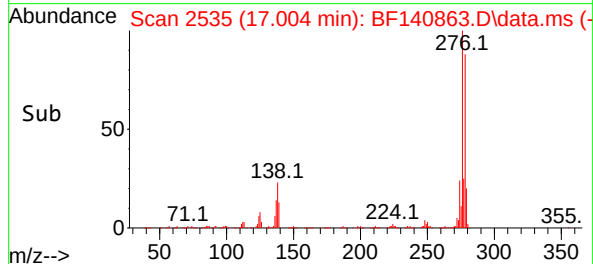
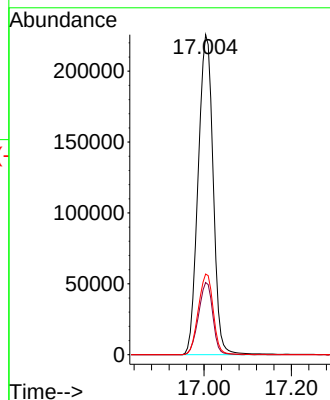
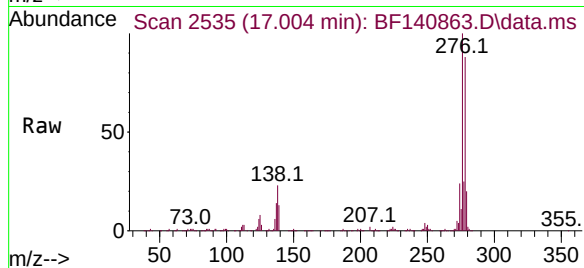




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.762 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.047 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

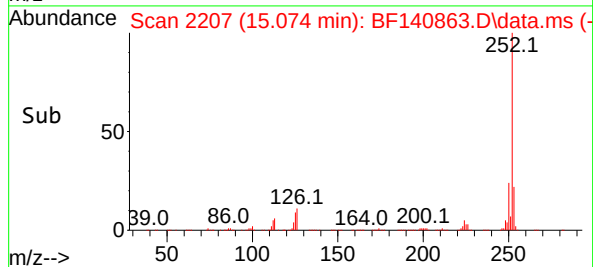
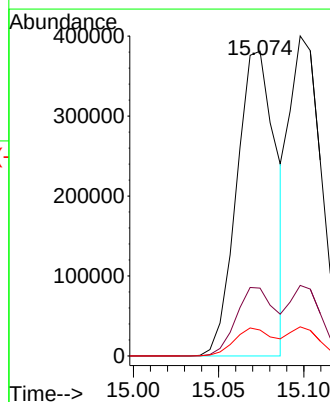
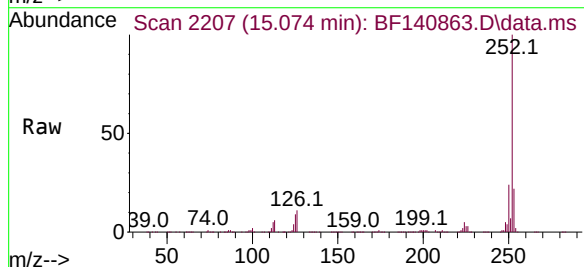
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

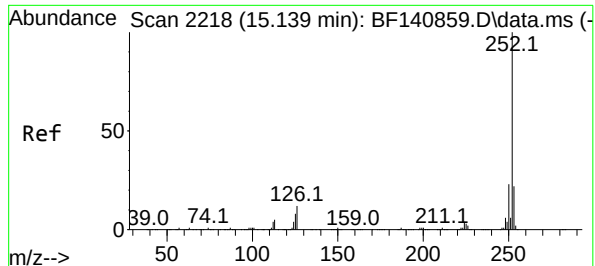
Tgt Ion:276 Resp: 539135
Ion Ratio Lower Upper
276 100
138 21.4 16.9 25.3
277 25.0 20.2 30.4



#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# 21

Delta R.T. -0.041 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

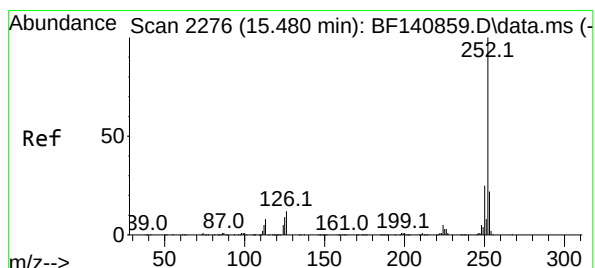
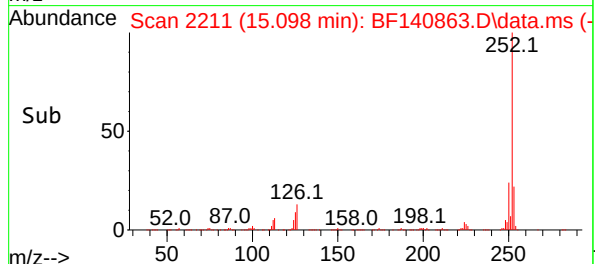
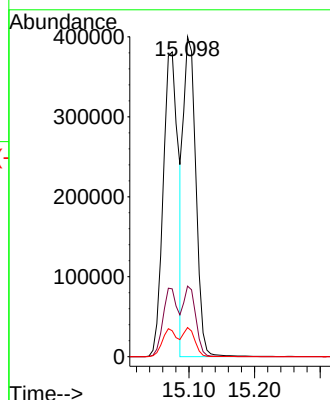
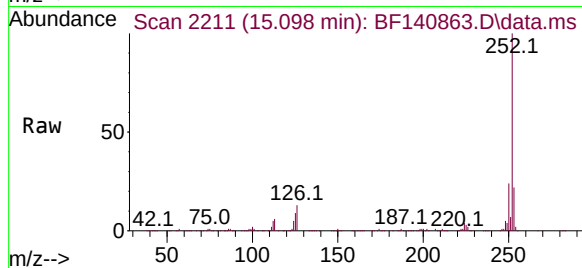
Tgt Ion:252 Resp: 525272

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

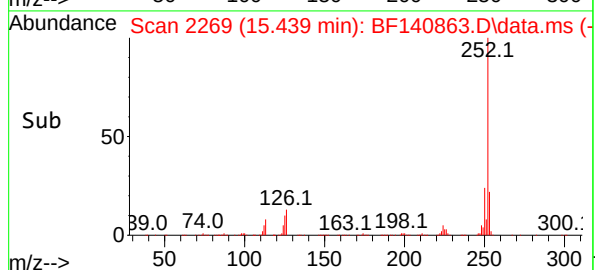
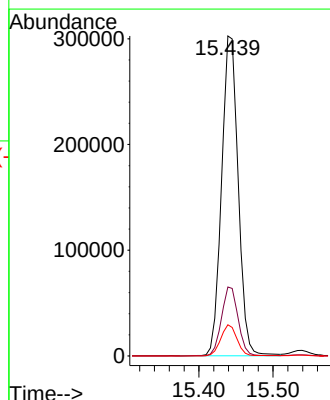
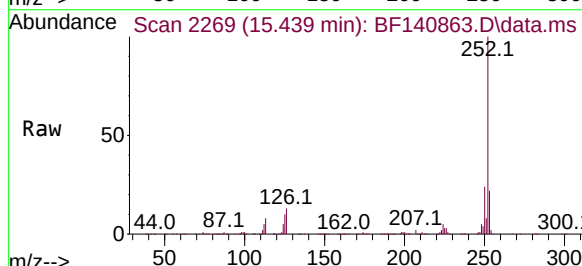
Tgt Ion:252 Resp: 470896

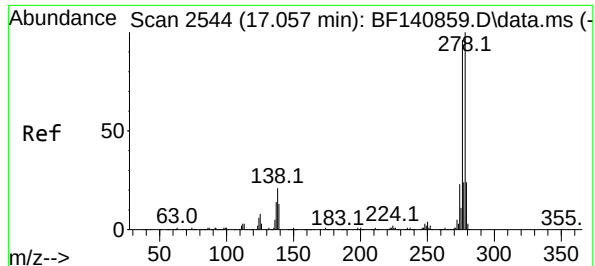
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.047 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

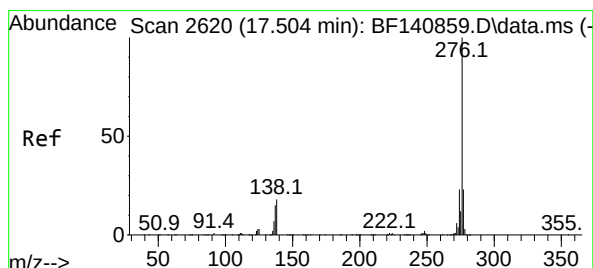
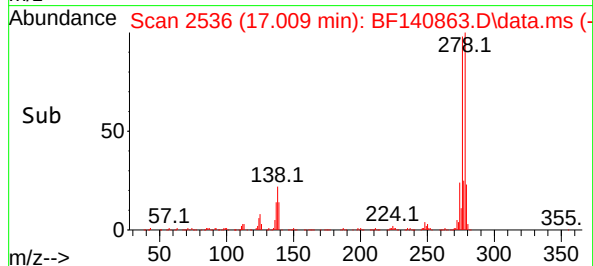
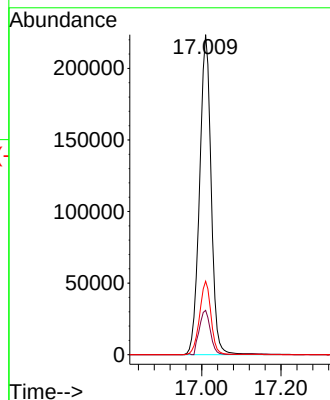
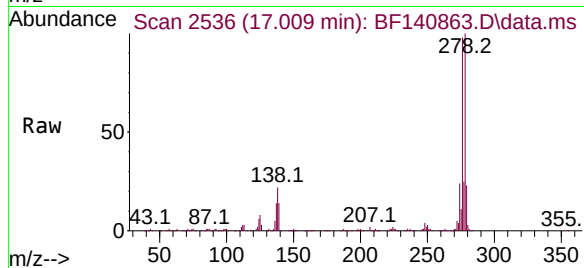
Tgt Ion:278 Resp: 451973

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

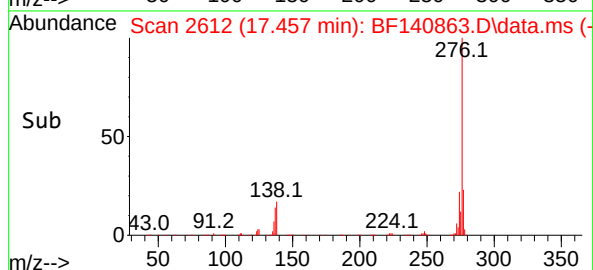
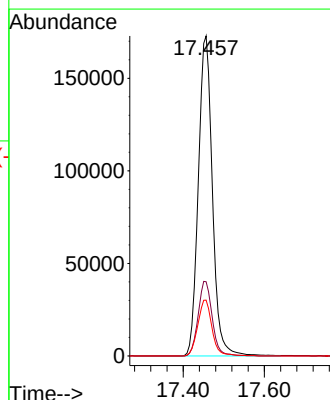
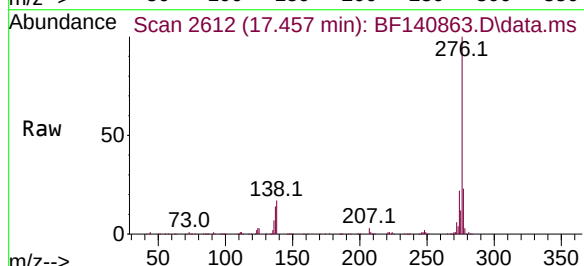
Tgt Ion:276 Resp: 418030

Ion Ratio Lower Upper

276 100

277 23.2 18.7 28.1

138 17.4 14.2 21.2



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

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	Benzydine	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

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

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

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	Benzydine	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

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



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.: P5270 SAS No.: P5270 SDG No.: P5270

Instrument ID: BNA_F Calibration Date/Time: 12/13/2024 12:14

Lab File ID: BF140838.D Init. Calib. Date(s): 11/21/2024 11/21/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:13 14:18

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.172	1.211		3.3	
Benzaldehyde	0.820	0.762		-7.1	
Phenol-d6	1.550	1.558		0.5	
Phenol	1.583	1.609		1.6	20.0
bis(2-Chloroethyl)ether	1.211	1.273		5.1	
2-Chlorophenol	1.261	1.310		3.9	
2-Methylphenol	1.010	1.018		0.8	
2,2-oxybis(1-Chloropropane)	1.431	1.382		-3.4	
Acetophenone	0.488	0.499		2.3	
3+4-Methylphenols	1.298	1.356		4.5	
n-Nitroso-di-n-propylamine	0.916	0.906	0.050	-1.1	
Nitrobenzene-d5	0.391	0.398		1.8	
Hexachloroethane	0.536	0.554		3.4	
Nitrobenzene	0.404	0.405		0.2	
Isophorone	0.652	0.651		-0.2	
2-Nitrophenol	0.179	0.194		8.4	20.0
2,4-Dimethylphenol	0.214	0.230		7.5	
bis(2-Chloroethoxy)methane	0.397	0.405		2.0	
2,4-Dichlorophenol	0.284	0.300		5.6	20.0
Naphthalene	1.030	1.068		3.7	
4-Chloroaniline	0.308	0.339		10.1	
Hexachlorobutadiene	0.215	0.232		7.9	20.0
Caprolactam	0.088	0.090		2.3	
4-Chloro-3-methylphenol	0.318	0.334		5.0	20.0
2-Methylnaphthalene	0.654	0.686		4.9	
Hexachlorocyclopentadiene	0.107	0.138	0.050	29.0	
2,4,6-Trichlorophenol	0.367	0.369		0.5	20.0
2-Fluorobiphenyl	1.342	1.390		3.6	
2,4,5-Trichlorophenol	0.399	0.415		4.0	
1,1-Biphenyl	1.493	1.567		5.0	
2-Chloronaphthalene	1.131	1.192		5.4	
2-Nitroaniline	0.363	0.374		3.0	
Dimethylphthalate	1.317	1.358		3.1	
Acenaphthylene	1.710	1.730		1.2	
2,6-Dinitrotoluene	0.299	0.316		5.7	
3-Nitroaniline	0.292	0.314		7.5	
Acenaphthene	1.086	1.116		2.8	20.0
2,4-Dinitrophenol	0.122	0.200	0.050	63.9	
4-Nitrophenol	0.199	0.242	0.050	21.6	



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.: P5270 SAS No.: P5270 SDG No.: P5270

Instrument ID: BNA_F Calibration Date/Time: 12/13/2024 12:14

Lab File ID: BF140838.D Init. Calib. Date(s): 11/21/2024 11/21/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:13 14:18

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.657	1.696		2.4	
2,4-Dinitrotoluene	0.397	0.420		5.8	
Diethylphthalate	1.338	1.383		3.4	
4-Chlorophenyl-phenylether	0.653	0.696		6.6	
Fluorene	1.330	1.412		6.2	
4-Nitroaniline	0.306	0.336		9.8	
4,6-Dinitro-2-methylphenol	0.102	0.129		26.5	
n-Nitrosodiphenylamine	0.591	0.602		1.9	20.0
2,4,6-Tribromophenol	0.214	0.232		8.4	
4-Bromophenyl-phenylether	0.206	0.215		4.4	
Hexachlorobenzene	0.238	0.248		4.2	
Atrazine	0.166	0.143		-13.9	
Pentachlorophenol	0.105	0.108		2.9	20.0
Phenanthrene	0.961	1.002		4.3	
Anthracene	0.940	0.982		4.5	
Carbazole	0.905	0.973		7.5	
Di-n-butylphthalate	1.044	1.101		5.5	
Fluoranthene	1.044	1.133		8.5	20.0
Pyrene	1.849	1.826		-1.2	
Terphenyl-d14	1.284	1.258		-2.0	
Butylbenzylphthalate	0.666	0.635		-4.7	
3,3-Dichlorobenzidine	0.397	0.441		11.1	
Benzo (a) anthracene	1.324	1.377		4.0	
Chrysene	1.211	1.280		5.7	
Bis(2-ethylhexyl)phthalate	0.841	0.755		-10.2	
Di-n-octyl phthalate	1.150	1.041		-9.5	20.0
Benzo (b) fluoranthene	1.256	1.257		0.1	
Benzo (k) fluoranthene	1.099	1.231		12.0	
Benzo (a) pyrene	1.021	1.086		6.4	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.364		4.7	
Dibenzo (a,h) anthracene	1.067	1.131		6.0	
Benzo (g,h,i) perylene	1.089	1.154		6.0	
1,2,4,5-Tetrachlorobenzene	0.586	0.612		4.4	
1,4-Dioxane	0.493	0.479		-2.8	20.0
2,3,4,6-Tetrachlorophenol	0.306	0.351		14.7	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140838.D
 Acq On : 13 Dec 2024 12:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 13 16:13:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	99818	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	366214	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	204323	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	393427	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	249750	20.000	ng	0.00
86) Perylene-d12	15.557	264	225636	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	483405	82.629	ng	0.00
7) Phenol-d6	6.510	99	621929	80.413	ng	0.00
23) Nitrobenzene-d5	7.434	82	582472	81.356	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	190007	86.950	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1136362	82.865	ng	-0.02
79) Terphenyl-d14	12.980	244	1256618	78.347	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	95652	38.887	ng	98
3) Pyridine	3.410	79	210365	38.870	ng	98
4) n-Nitrosodimethylamine	3.369	42	119612	37.604	ng	98
6) Aniline	6.528	93	231483	42.523	ng	# 62
8) 2-Chlorophenol	6.657	128	261516	41.550	ng	95
9) Benzaldehyde	6.416	77	152023	37.130	ng	99
10) Phenol	6.528	94	321227	40.669	ng	92
11) bis(2-Chloroethyl)ether	6.598	93	254176	42.053	ng	98
12) 1,3-Dichlorobenzene	6.798	146	293192	41.457	ng	99
13) 1,4-Dichlorobenzene	6.875	146	294864	41.177	ng	99
14) 1,2-Dichlorobenzene	7.034	146	277315	41.328	ng	99
15) Benzyl Alcohol	7.010	79	225999	39.403	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	275943	38.645	ng	65
17) 2-Methylphenol	7.128	107	203302	40.351	ng	94
18) Hexachloroethane	7.369	117	110611	41.357	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	180826	39.560	ng	96
20) 3+4-Methylphenols	7.281	107	270788	41.814	ng	95
22) Acetophenone	7.275	105	365241	40.909	ng	96
24) Nitrobenzene	7.451	77	296666	40.092	ng	98
25) Isophorone	7.687	82	477120	39.954	ng	100
26) 2-Nitrophenol	7.763	139	142078	43.327	ng	97
27) 2,4-Dimethylphenol	7.804	122	168237m	42.880	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	296652	40.778	ng	99
29) 2,4-Dichlorophenol	8.016	162	220046	42.325	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	251426	42.356	ng	99
31) Naphthalene	8.163	128	782053	41.459	ng	100
32) Benzoic acid	7.975	122	198086	56.516	ng	98
33) 4-Chloroaniline	8.228	127	248612	44.020	ng	99
34) Hexachlorobutadiene	8.275	225	170175	43.283	ng	99
35) Caprolactam	8.610	113	65942m	40.986	ng	
36) 4-Chloro-3-methylphenol	8.716	107	244591	42.020	ng	98
37) 2-Methylnaphthalene	8.857	142	502446	41.936	ng	100
38) 1-Methylnaphthalene	8.951	142	491967	41.891	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	249916	41.781	ng	99
41) Hexachlorocyclopentadiene	9.004	237	56386	45.407	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	150989	40.228	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140838.D
 Acq On : 13 Dec 2024 12:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 13 16:13:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

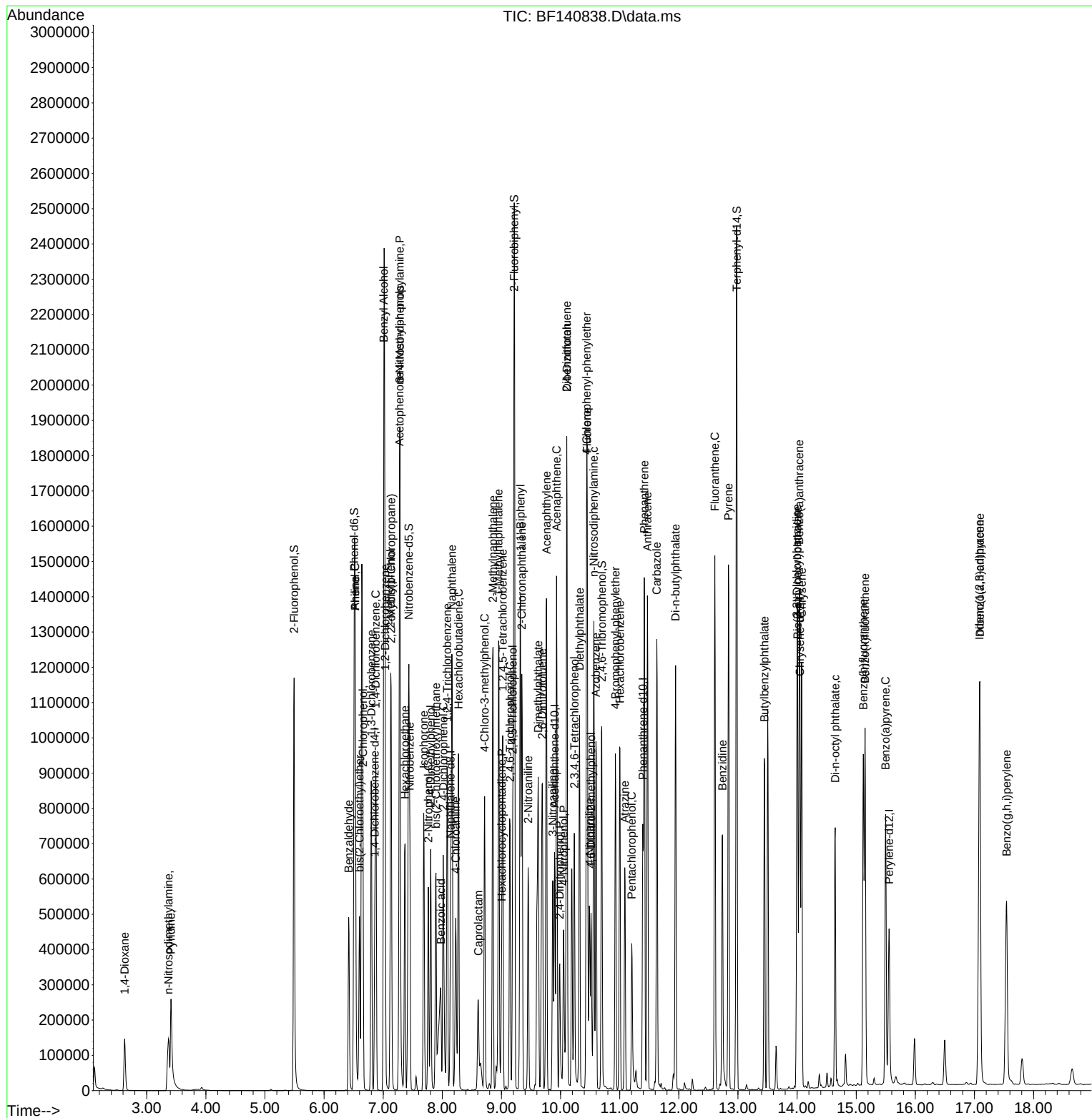
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	169419	41.591	ng	96
46) 1,1'-Biphenyl	9.322	154	640280	41.972	ng	99
47) 2-Chloronaphthalene	9.345	162	486995	42.131	ng	99
48) 2-Nitroaniline	9.451	65	152955	41.225	ng	98
49) Acenaphthylene	9.763	152	707104	40.487	ng	100
50) Dimethylphthalate	9.622	163	555016	41.245	ng	100
51) 2,6-Dinitrotoluene	9.692	165	129263	42.355	ng	98
52) Acenaphthene	9.933	154	456020	41.094	ng	98
53) 3-Nitroaniline	9.869	138	128490	43.047	ng	96
54) 2,4-Dinitrophenol	9.986	184	81750	54.487	ng	96
55) Dibenzofuran	10.104	168	693111	40.948	ng	99
56) 4-Nitrophenol	10.051	139	98923	48.594	ng	97
57) 2,4-Dinitrotoluene	10.104	165	171716	42.336	ng	# 92
58) Fluorene	10.451	166	577006	42.469	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	143253	45.759	ng	93
60) Diethylphthalate	10.322	149	565279	41.345	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	284318	42.642	ng	97
62) 4-Nitroaniline	10.492	138	137202	43.826	ng	97
63) Azobenzene	10.598	77	521453	40.275	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	101284	50.379	ng	97
66) n-Nitrosodiphenylamine	10.563	169	473989	40.739	ng	100
67) 4-Bromophenyl-phenylether	10.928	248	169243	41.771	ng	100
68) Hexachlorobenzene	11.004	284	194877	41.539	ng	98
69) Atrazine	11.086	200	112137	34.261	ng	99
70) Pentachlorophenol	11.204	266	85077	41.203	ng	99
71) Phenanthrene	11.416	178	788081	41.672	ng	99
72) Anthracene	11.469	178	772594	41.764	ng	100
73) Carbazole	11.627	167	765382	43.008	ng	100
74) Di-n-butylphthalate	11.945	149	866057	42.152	ng	100
75) Fluoranthene	12.610	202	891260	43.406	ng	100
77) Benzidine	12.739	184	458403	63.129	ng	99
78) Pyrene	12.839	202	912047	39.495	ng	99
80) Butylbenzylphthalate	13.451	149	317380	38.152	ng	98
81) Benzo(a)anthracene	14.039	228	688019	41.616	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	220178	44.358	ng	98
83) Chrysene	14.080	228	639120	42.278	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	376941	35.885	ng	99
85) Di-n-octyl phthalate	14.645	149	520078	36.229	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	615581	41.864	ng	99
88) Benzo(b)fluoranthene	15.121	252	567405	40.036	ng	99
89) Benzo(k)fluoranthene	15.151	252	555291	44.774	ng	99
90) Benzo(a)pyrene	15.498	252	490049	42.526	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	510516	42.393	ng	100
92) Benzo(g,h,i)perylene	17.545	276	520663	42.370	ng	99

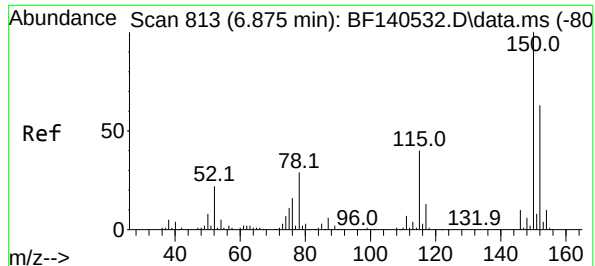
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF140838.D  
Acq On    : 13 Dec 2024  12:14  
Operator  : RC/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 13 16:13:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

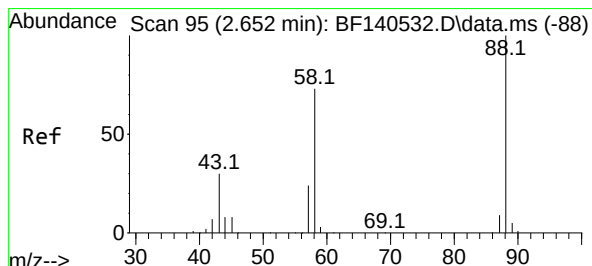
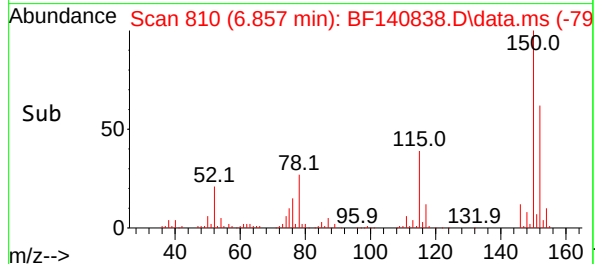
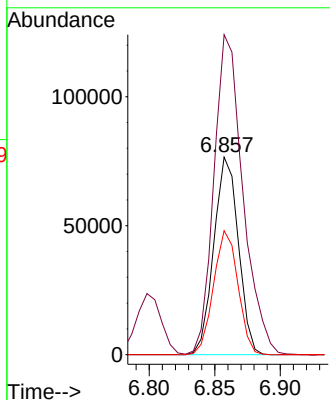
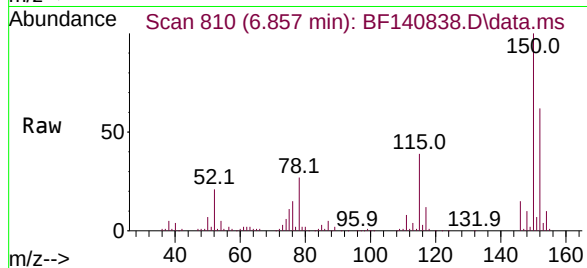




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

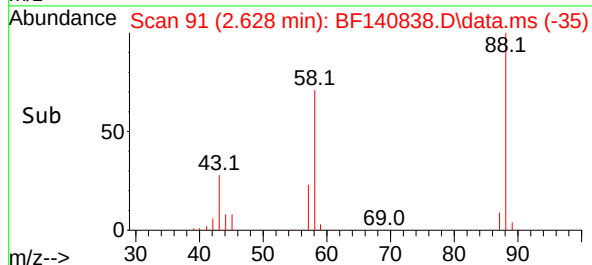
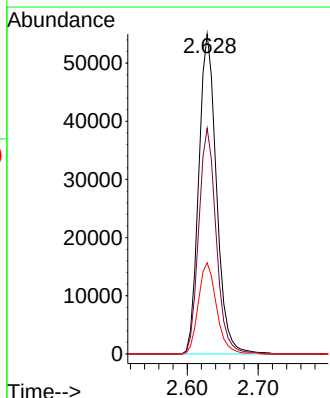
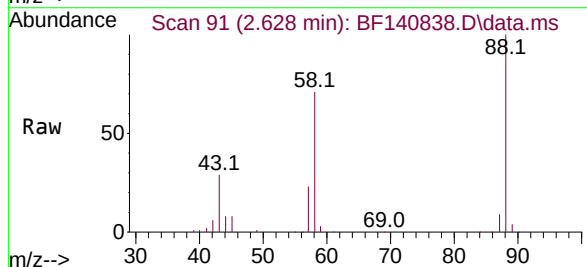
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

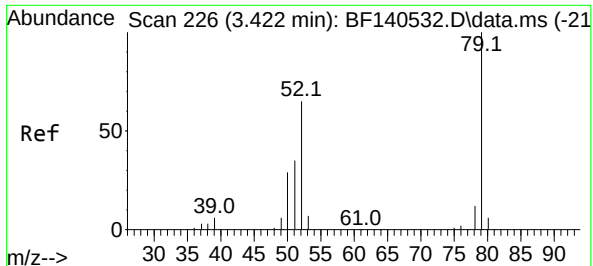
Tgt Ion:152 Resp: 99818
Ion Ratio Lower Upper
152 100
150 161.9 128.5 192.7
115 62.7 50.2 75.4



#2
1,4-Dioxane
Concen: 38.887 ng
RT: 2.628 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion: 88 Resp: 95652
Ion Ratio Lower Upper
88 100
58 69.6 57.4 86.2
43 29.3 24.3 36.5

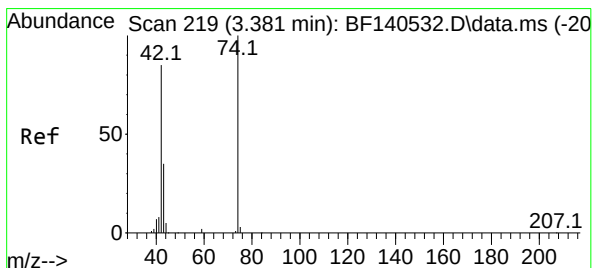
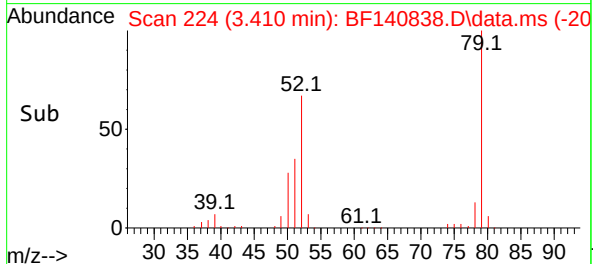
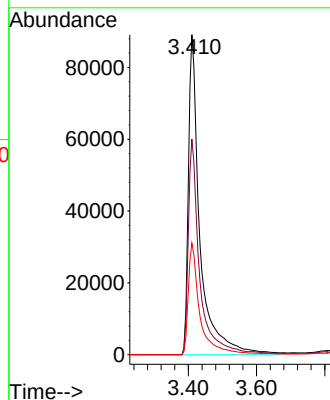
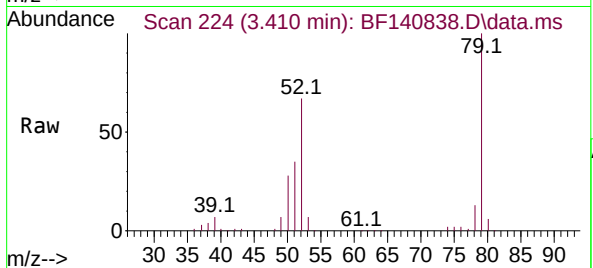




#3
Pyridine
Concen: 38.870 ng
RT: 3.410 min Scan# 217
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

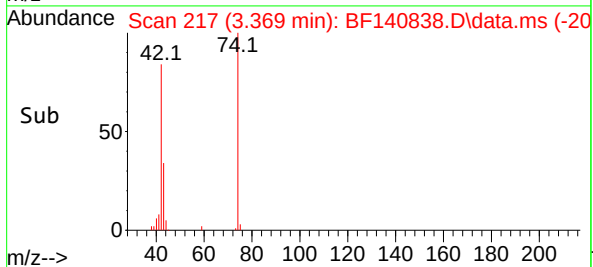
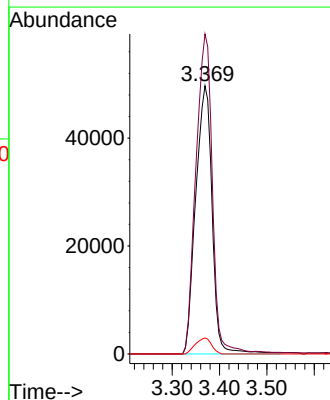
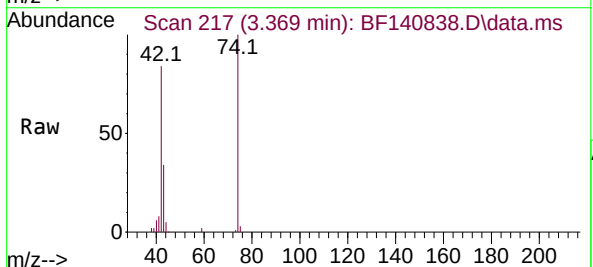
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

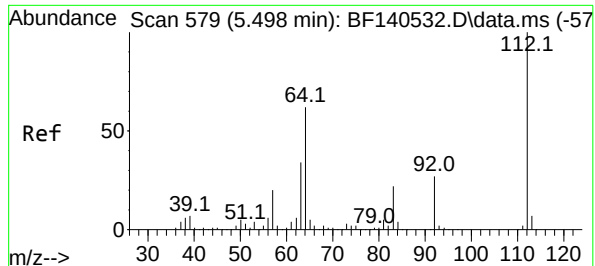
Tgt Ion: 79 Resp: 210365
Ion Ratio Lower Upper
79 100
52 67.4 52.1 78.1
51 34.8 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 37.604 ng
RT: 3.369 min Scan# 217
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion: 42 Resp: 119612
Ion Ratio Lower Upper
42 100
74 119.3 93.8 140.6
44 6.0 4.6 6.8

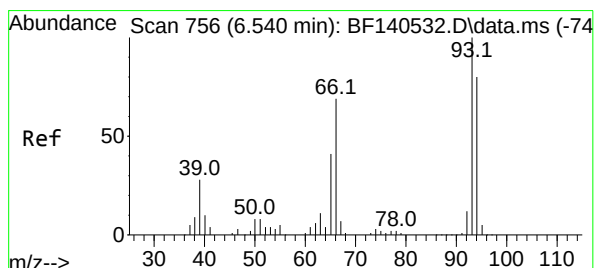
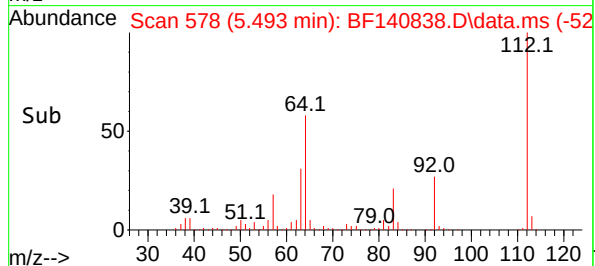
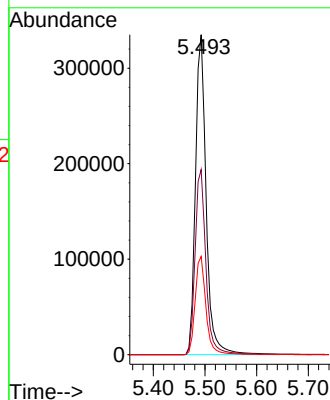
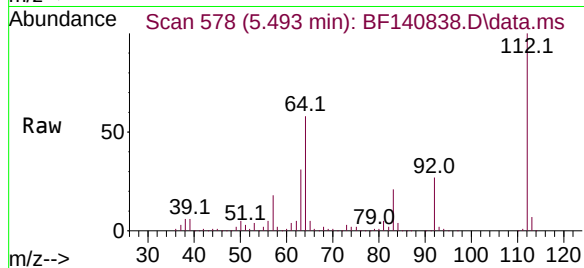




#5
2-Fluorophenol
Concen: 82.629 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

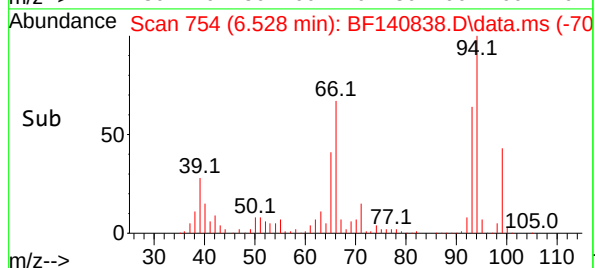
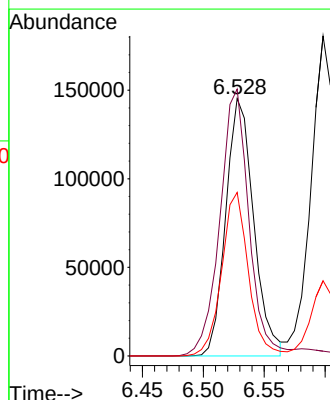
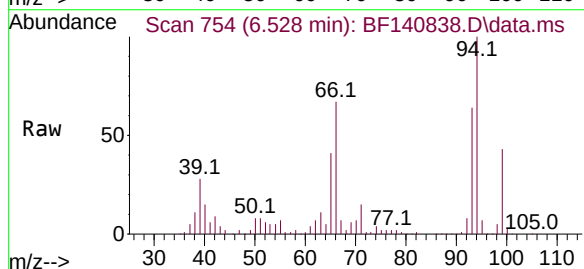
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

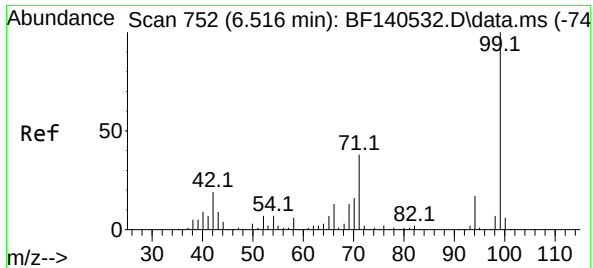
Tgt Ion:112 Resp: 483405
Ion Ratio Lower Upper
112 100
64 57.8 49.2 73.8
63 30.7 27.0 40.4



#6
Aniline
Concen: 42.523 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion: 93 Resp: 231483
Ion Ratio Lower Upper
93 100
66 103.6 56.5 84.7#
65 63.5 32.9 49.3#

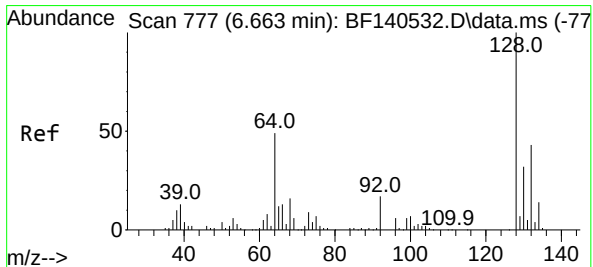
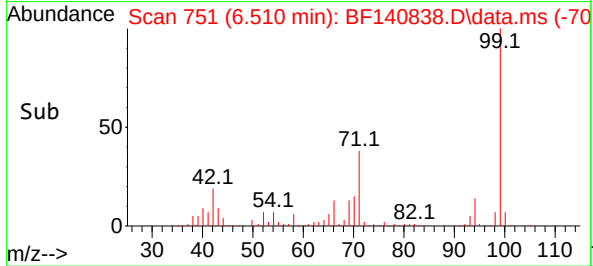
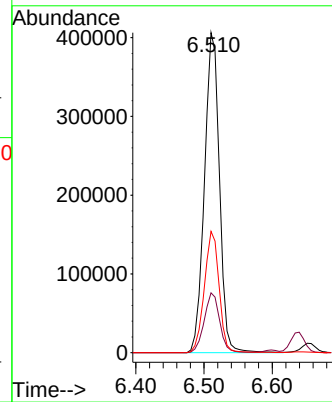
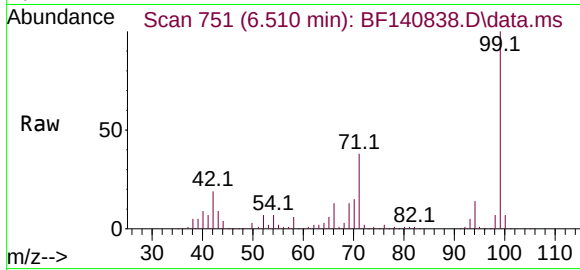




#7
Phenol-d6
Concen: 80.413 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

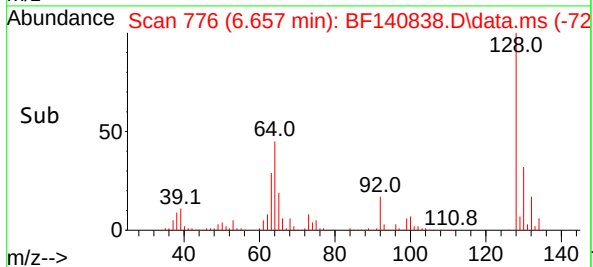
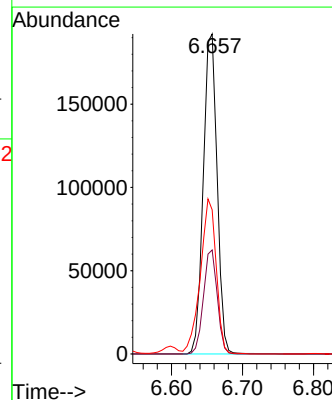
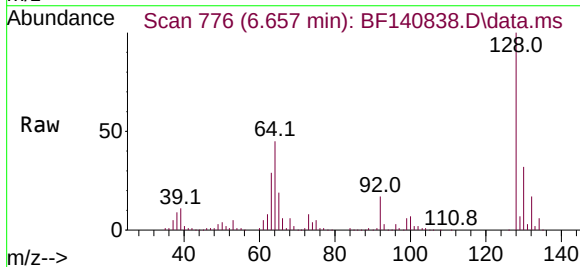
Instrument :
BNA_F
ClientSampleId :
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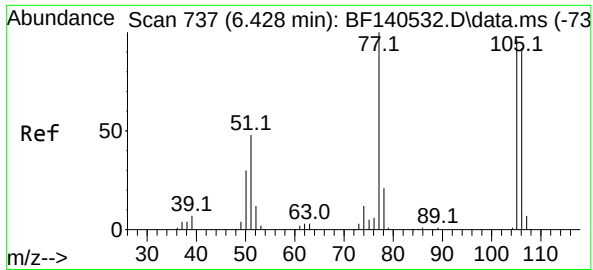
Tgt Ion: 99 Resp: 621929
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 37.9 30.6 46.0



#8
2-Chlorophenol
Concen: 41.550 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion: 128 Resp: 261516
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 45.1 30.2 70.2





#9

Benzaldehyde

Concen: 37.130 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

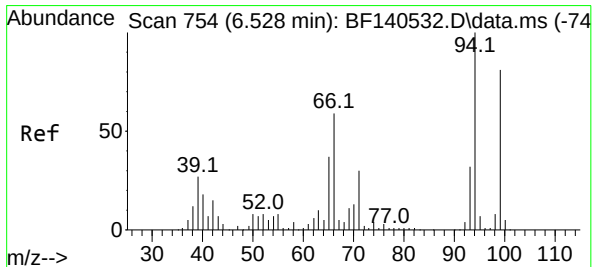
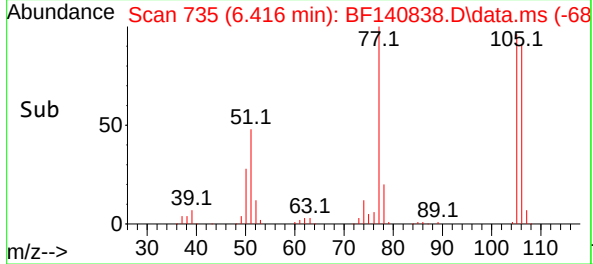
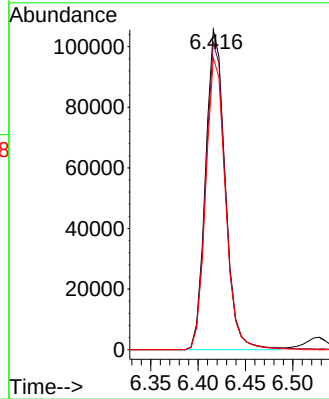
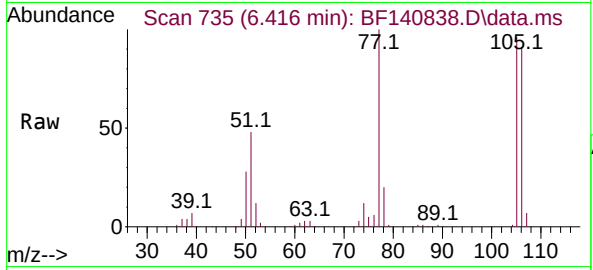
Tgt Ion: 77 Resp: 152023

Ion Ratio Lower Upper

77 100

105 95.9 75.6 115.6

106 91.2 72.0 112.0



#10

Phenol

Concen: 40.669 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

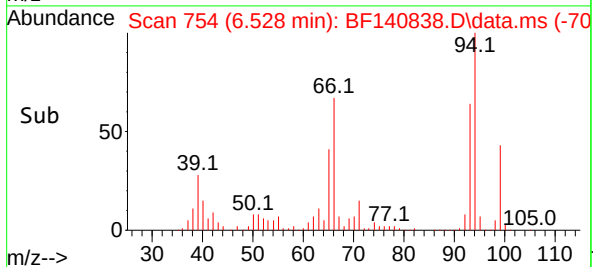
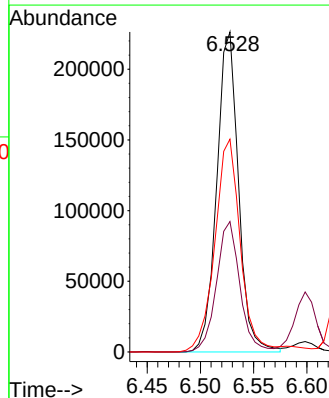
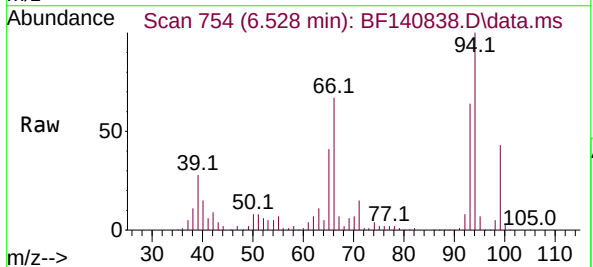
Tgt Ion: 94 Resp: 321227

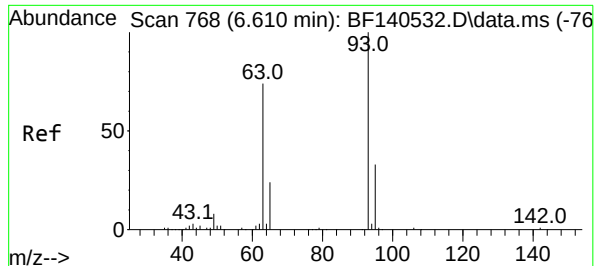
Ion Ratio Lower Upper

94 100

65 40.8 17.2 57.2

66 66.5 39.2 79.2

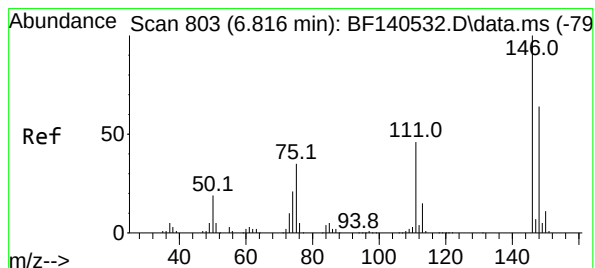
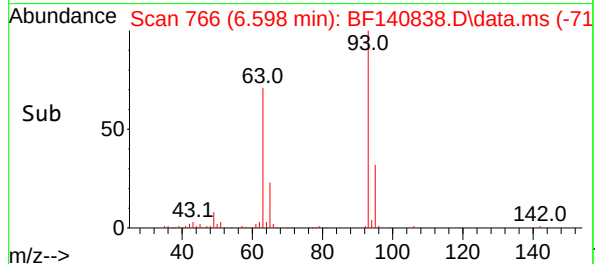
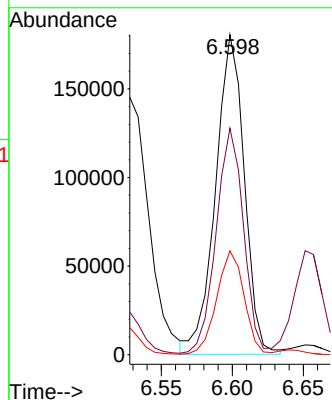
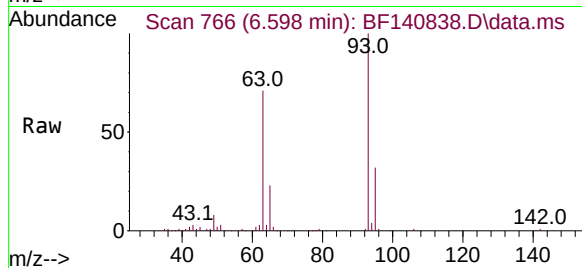




#11
bis(2-Chloroethyl)ether
Concen: 42.053 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

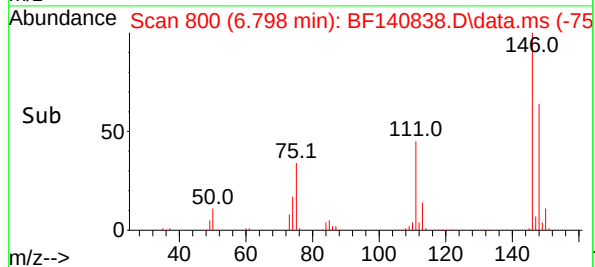
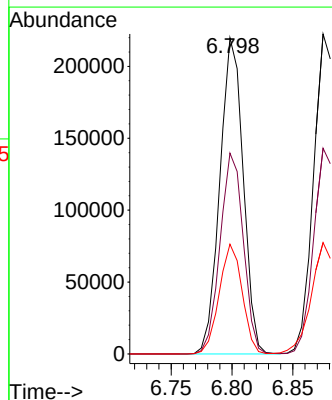
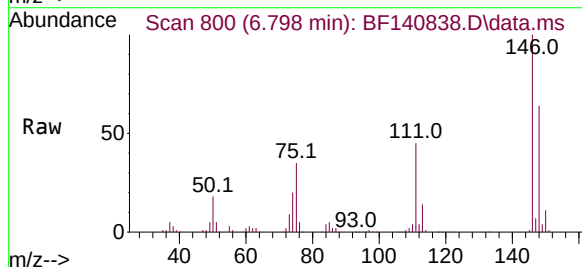
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

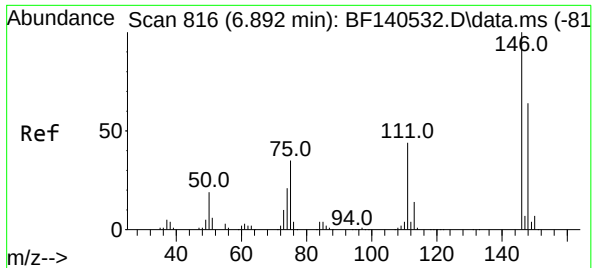
Tgt Ion: 93 Resp: 254176
Ion Ratio Lower Upper
93 100
63 70.7 52.8 92.8
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.457 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion: 146 Resp: 293192
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 34.7 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.177 ng

RT: 6.875 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

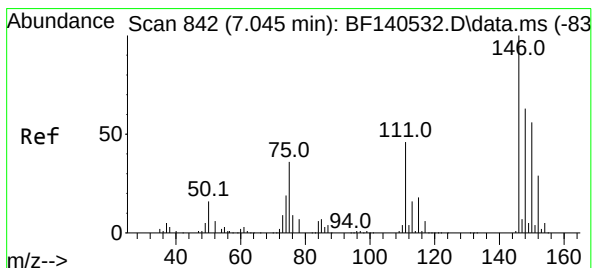
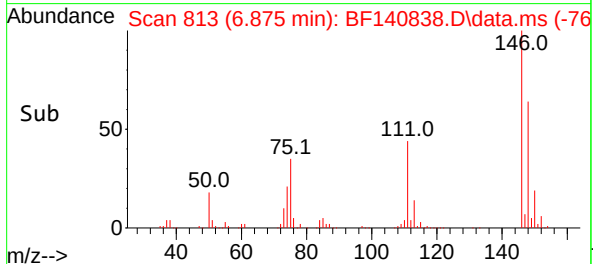
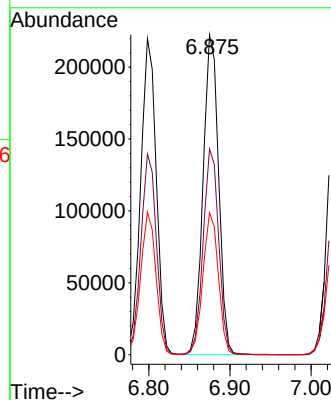
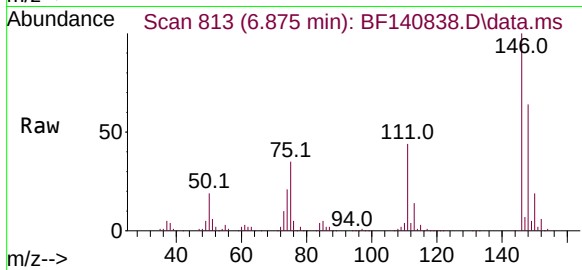
Tgt Ion:146 Resp: 294864

Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

111 44.4 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 41.328 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

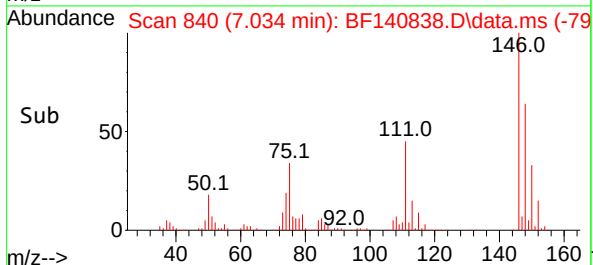
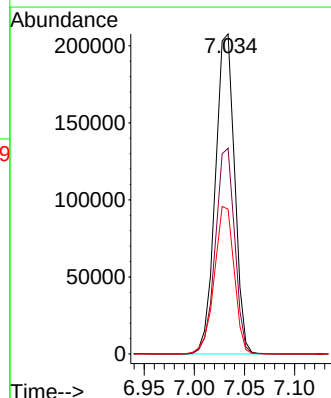
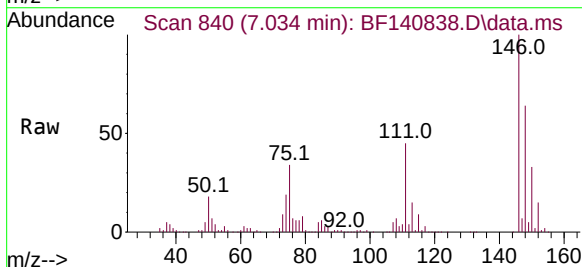
Tgt Ion:146 Resp: 277315

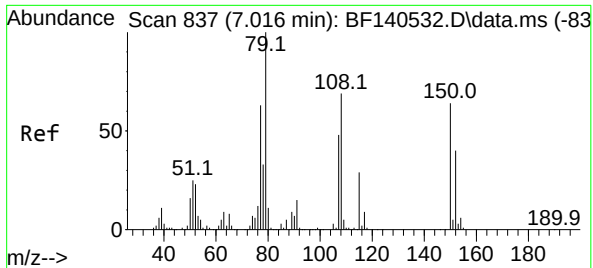
Ion Ratio Lower Upper

146 100

148 64.3 50.5 75.7

111 45.3 36.7 55.1





#15

Benzyl Alcohol

Concen: 39.403 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

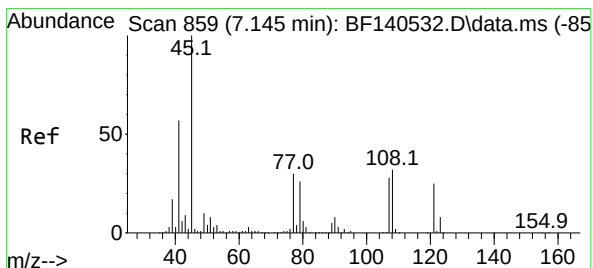
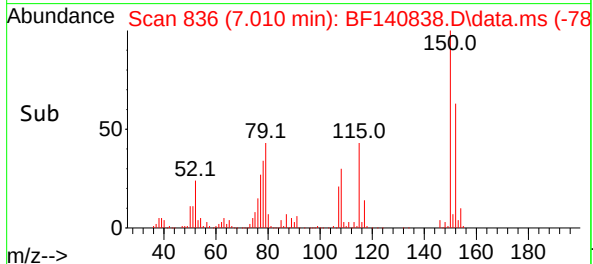
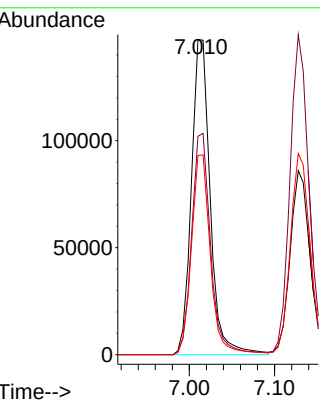
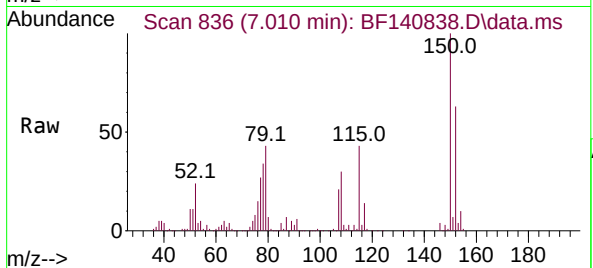
Tgt Ion: 79 Resp: 225999

Ion Ratio Lower Upper

79 100

108 69.3 55.0 82.6

77 63.2 50.1 75.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.645 ng

RT: 7.134 min Scan# 857

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

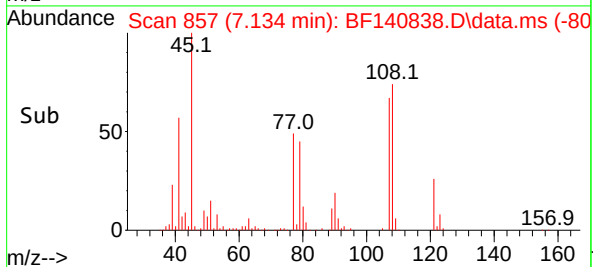
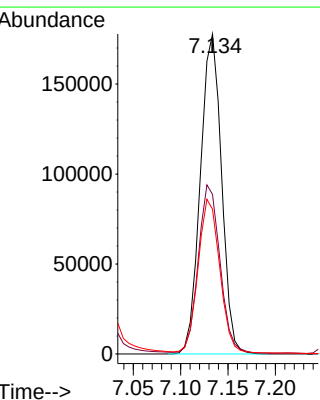
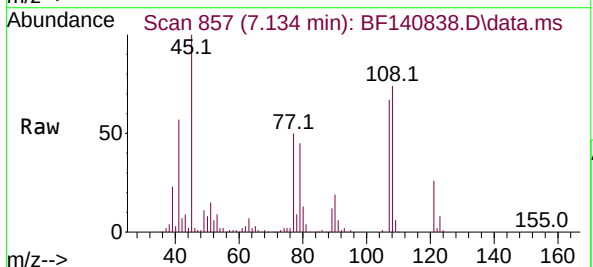
Tgt Ion: 45 Resp: 275943

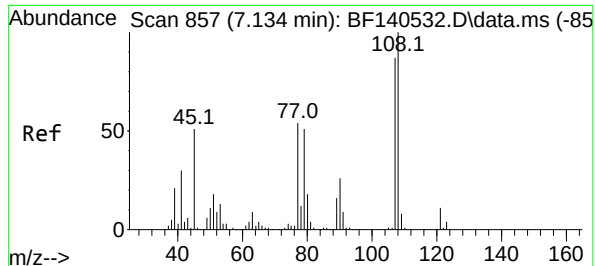
Ion Ratio Lower Upper

45 100

77 49.8 10.7 50.7

79 45.2 7.0 47.0

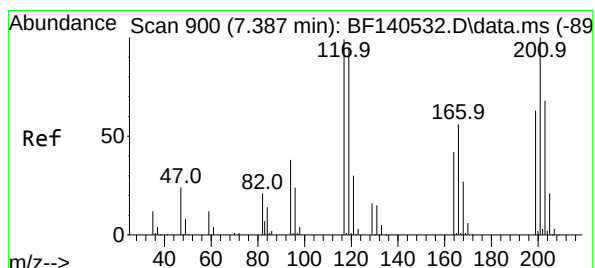
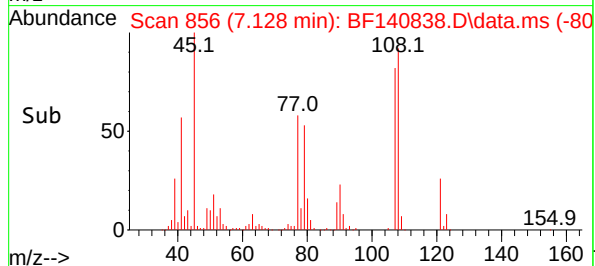
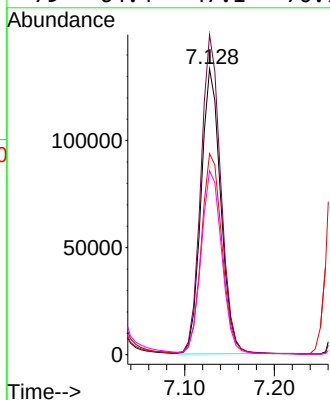
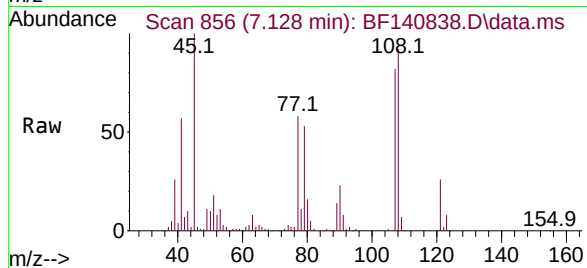




#17
2-Methylphenol
Concen: 40.351 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

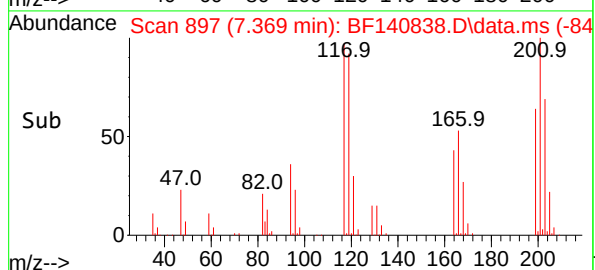
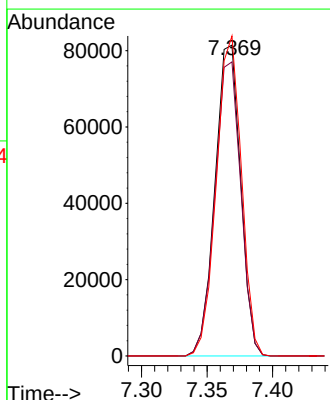
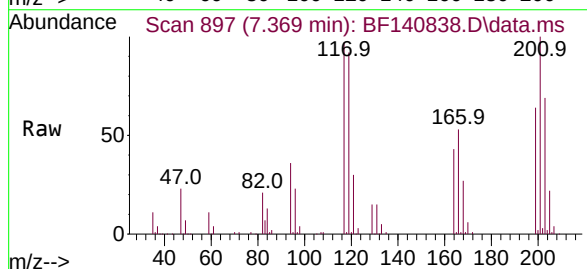
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

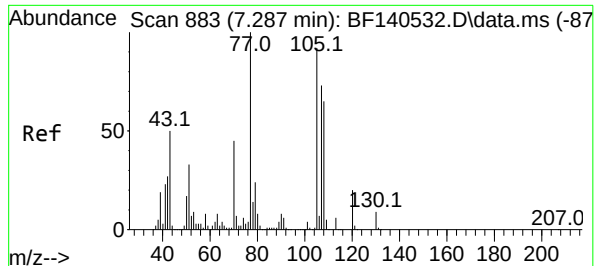
Tgt Ion:107 Resp: 203302
Ion Ratio Lower Upper
107 100
108 112.0 91.7 137.5
77 70.4 49.3 73.9
79 64.4 47.1 70.7



#18
Hexachloroethane
Concen: 41.357 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:117 Resp: 110611
Ion Ratio Lower Upper
117 100
119 94.6 77.1 115.7
201 102.9 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.560 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 180826

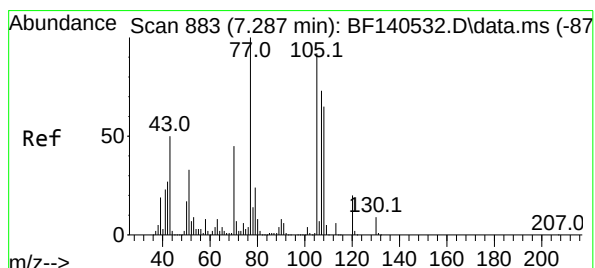
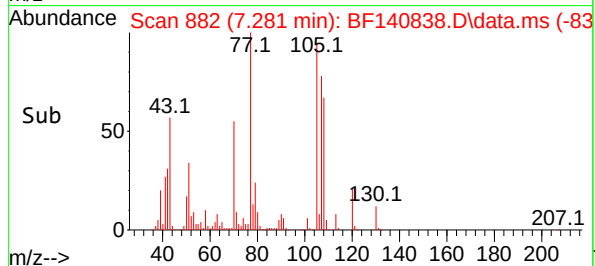
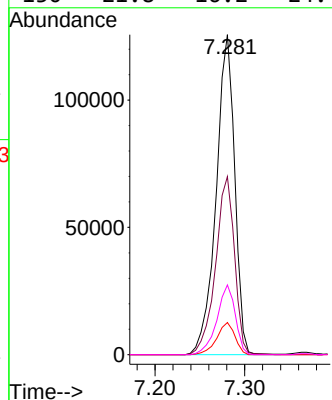
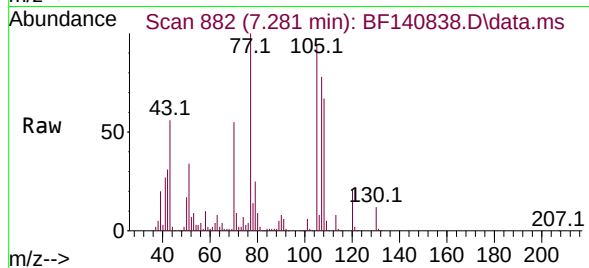
Ion Ratio Lower Upper

70 100

42 55.7 47.6 71.4

101 10.0 7.6 11.4

130 21.8 16.2 24.4



#20

3+4-Methylphenols

Concen: 41.814 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Tgt Ion:107 Resp: 270788

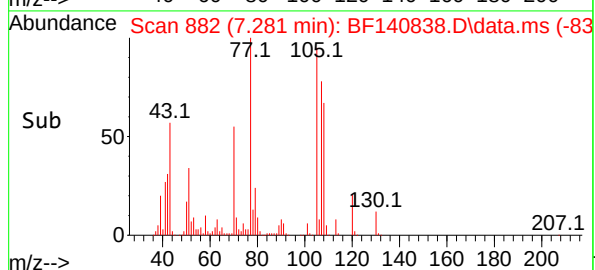
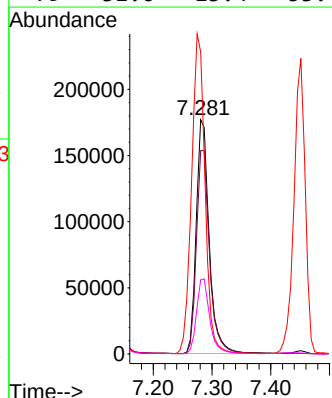
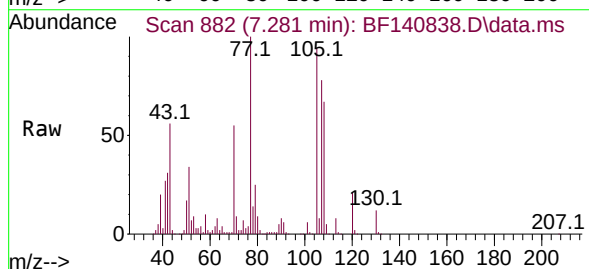
Ion Ratio Lower Upper

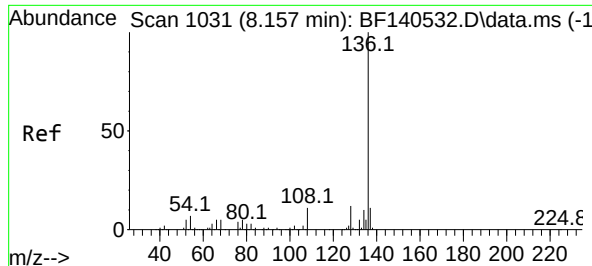
107 100

108 86.8 69.9 109.9

77 128.9 117.7 157.7

79 31.6 13.4 53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1031

Delta R.T. -0.018 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 366214

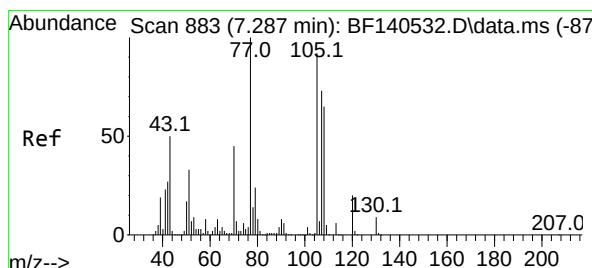
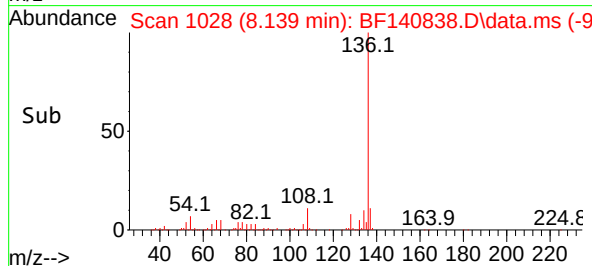
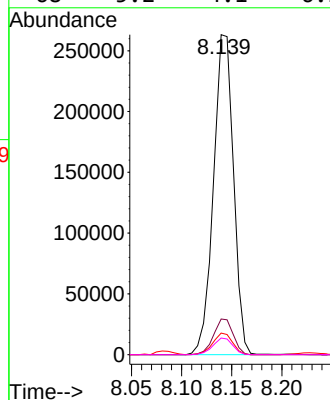
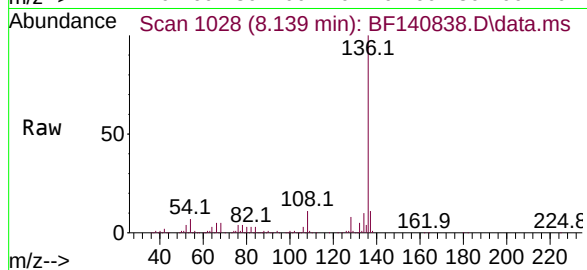
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 6.7 5.8 8.8

68 5.2 4.1 6.1



#22

Acetophenone

Concen: 40.909 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Tgt Ion:105 Resp: 365241

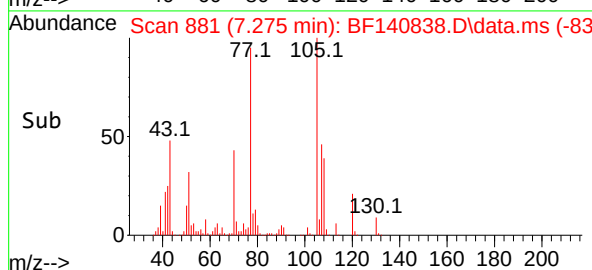
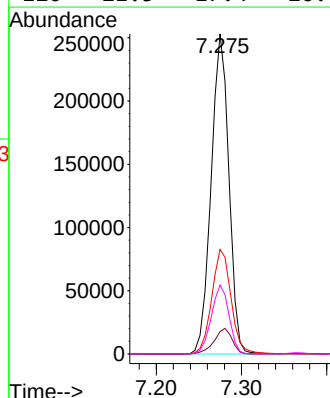
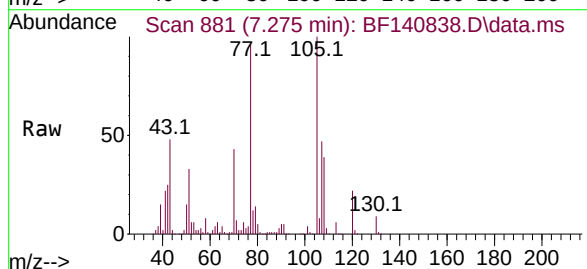
Ion Ratio Lower Upper

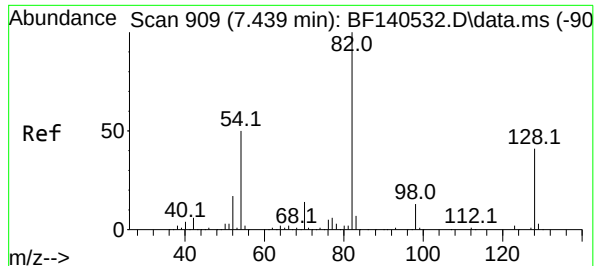
105 100

71 7.0 6.2 9.2

51 32.7 29.0 43.6

120 21.5 17.4 26.0





#23

Nitrobenzene-d5

Concen: 81.356 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

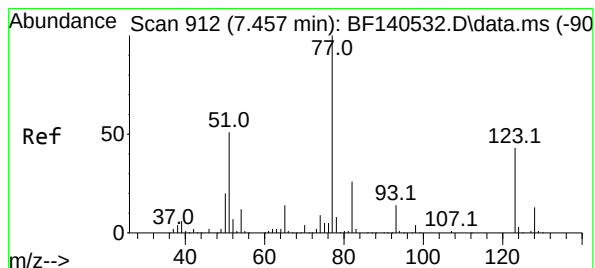
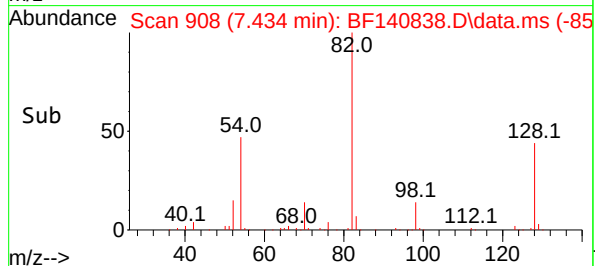
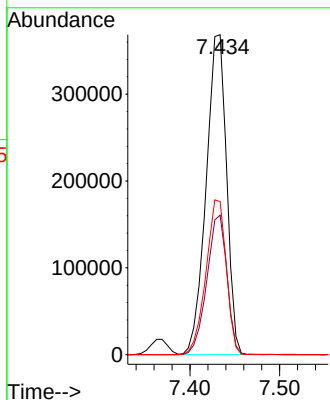
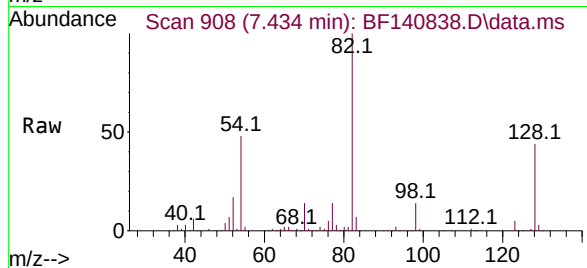
Tgt Ion: 82 Resp: 582472

Ion Ratio Lower Upper

82 100

128 43.6 33.0 49.4

54 47.9 39.5 59.3



#24

Nitrobenzene

Concen: 40.092 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

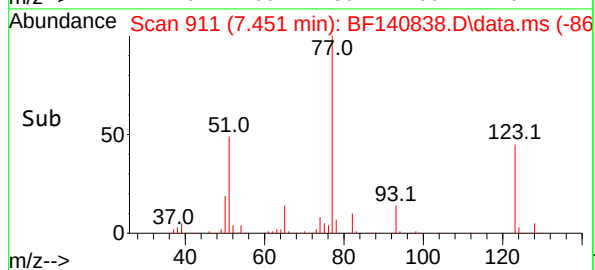
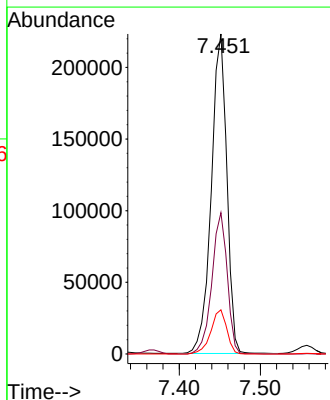
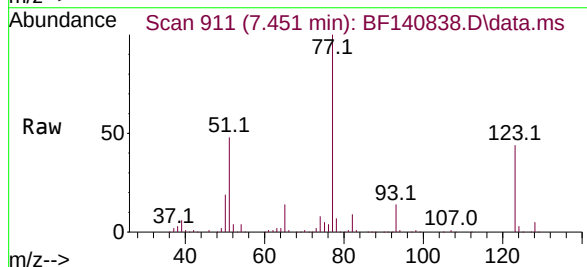
Tgt Ion: 77 Resp: 296666

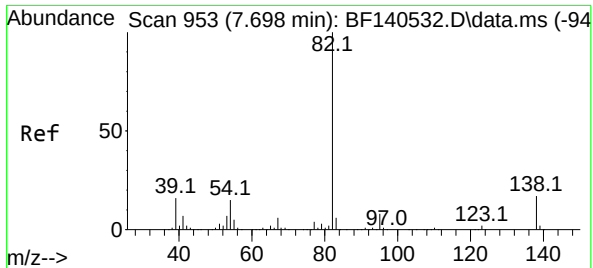
Ion Ratio Lower Upper

77 100

123 44.2 34.3 51.5

65 13.8 11.2 16.8

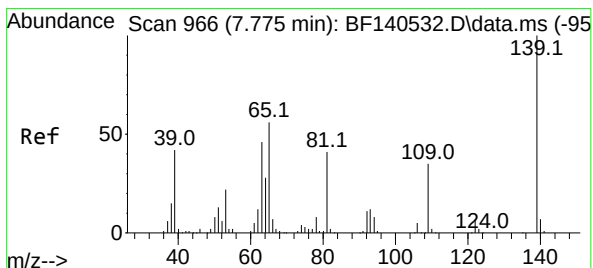
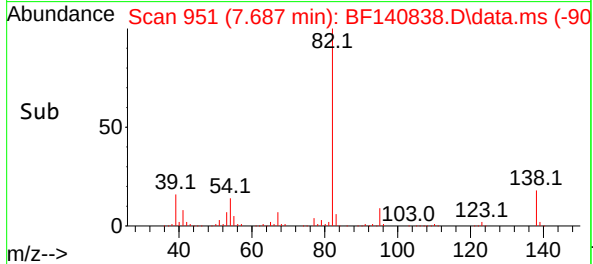
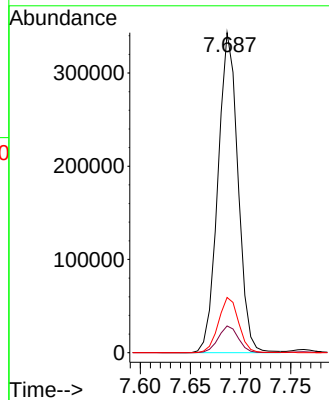
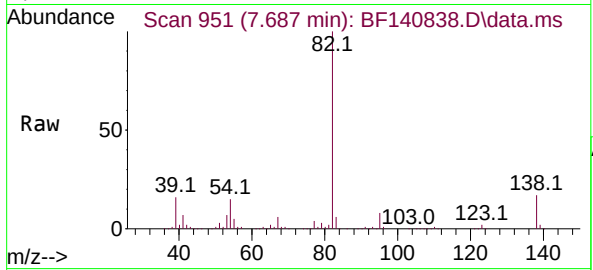




#25
Isophorone
Concen: 39.954 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

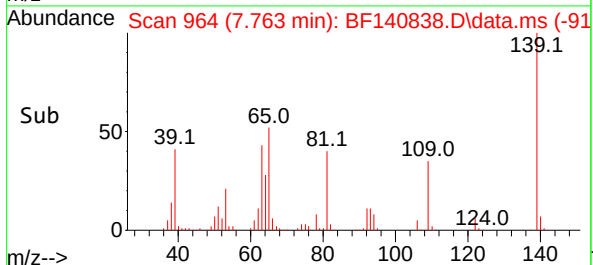
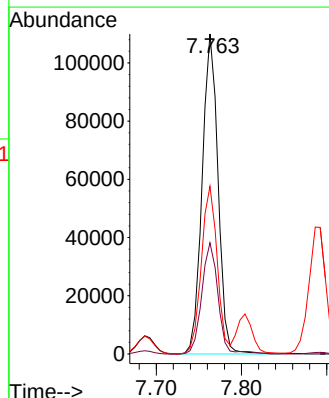
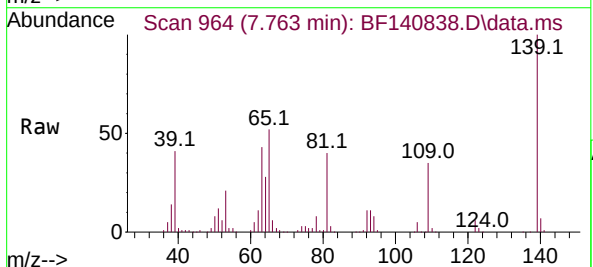
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

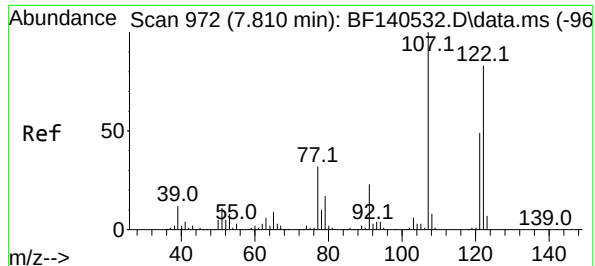
Tgt Ion: 82 Resp: 477120
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 17.3 13.8 20.6



#26
2-Nitrophenol
Concen: 43.327 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:139 Resp: 142078
Ion Ratio Lower Upper
139 100
109 34.7 28.0 42.0
65 52.4 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 42.880 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

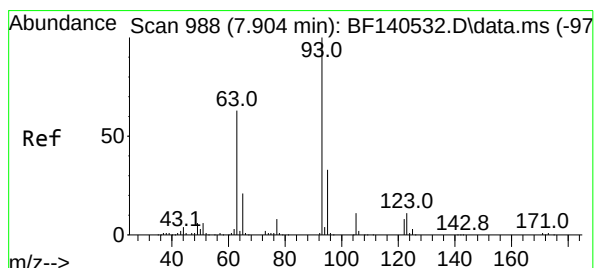
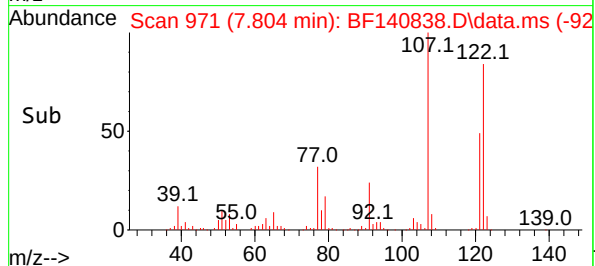
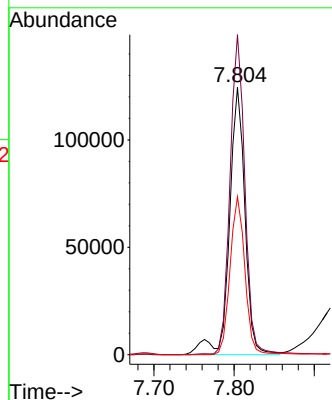
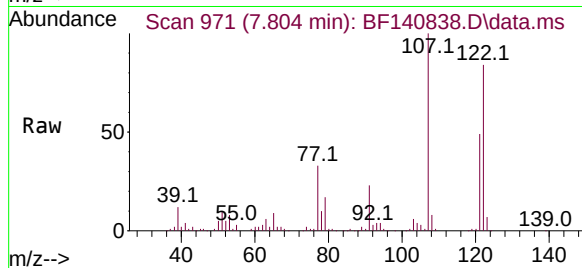
Tgt Ion:122 Resp: 168237

Ion Ratio Lower Upper

122 100

107 119.7 96.8 145.2

121 59.1 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.778 ng

RT: 7.892 min Scan# 986

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

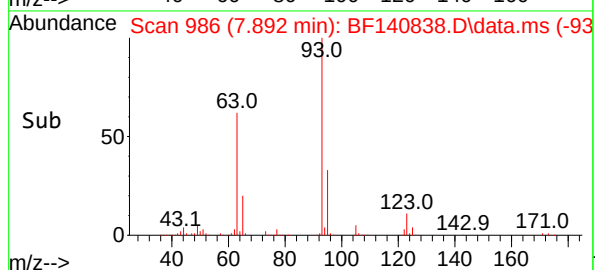
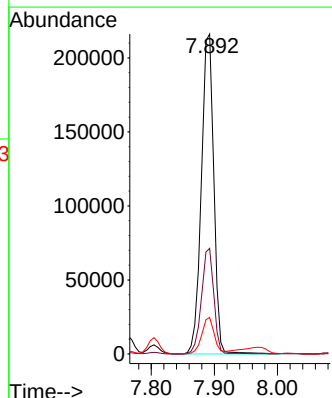
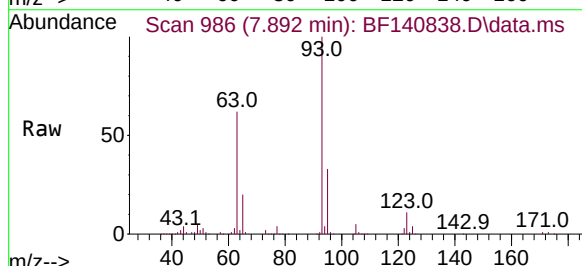
Tgt Ion: 93 Resp: 296652

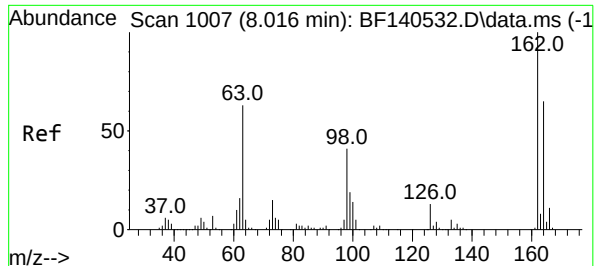
Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.325 ng

RT: 8.016 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

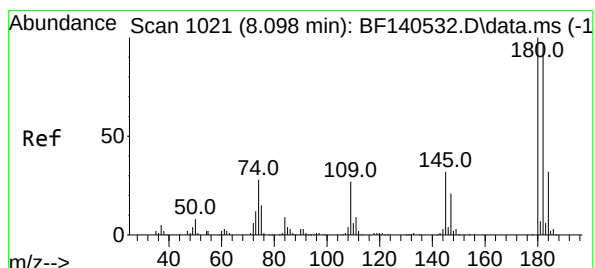
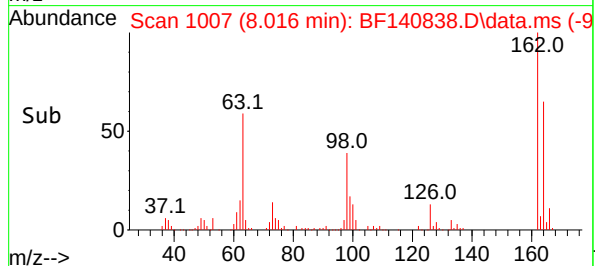
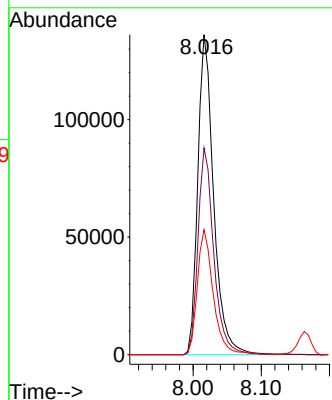
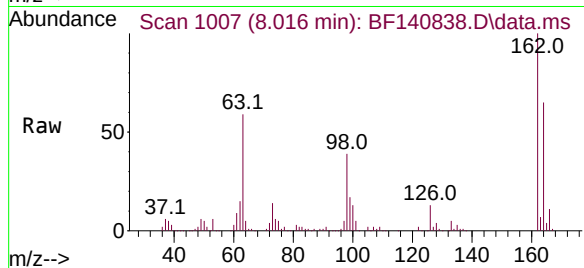
Tgt Ion:162 Resp: 220046

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

98 39.0 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 42.356 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

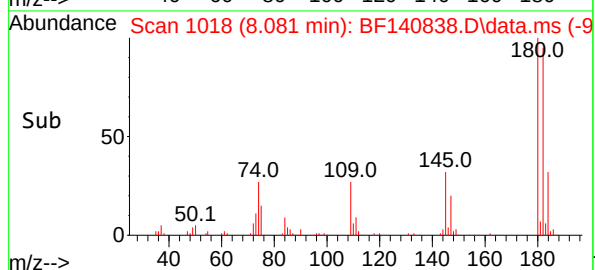
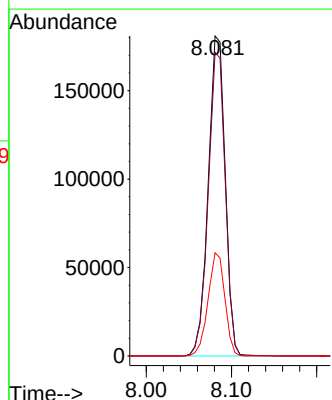
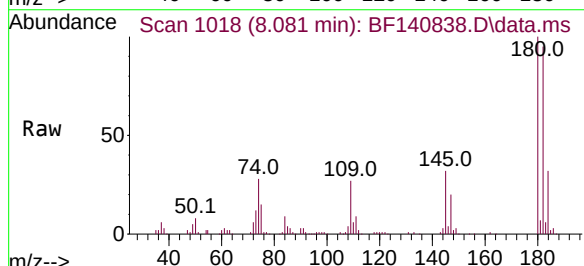
Tgt Ion:180 Resp: 251426

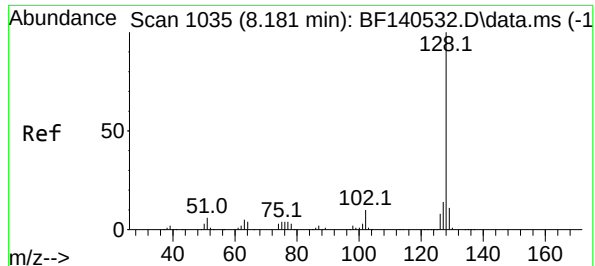
Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

145 32.2 25.9 38.9





#31

Naphthalene

Concen: 41.459 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.018 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

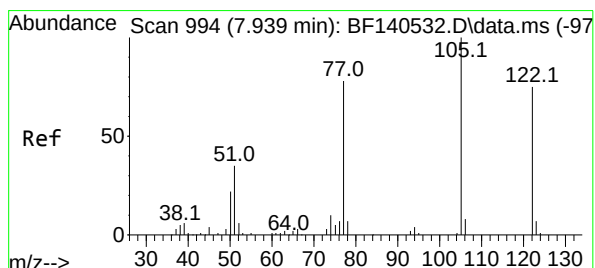
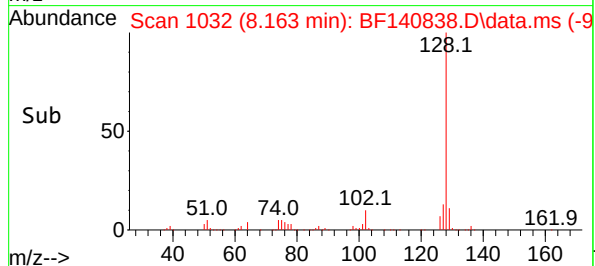
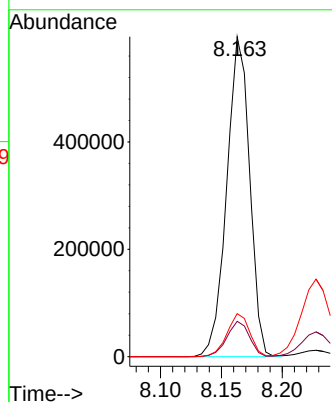
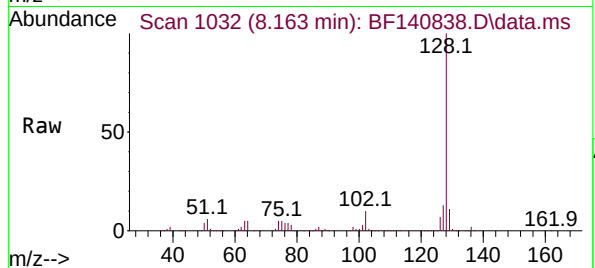
Tgt Ion:128 Resp: 782053

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 56.516 ng

RT: 7.975 min Scan# 1000

Delta R.T. 0.036 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

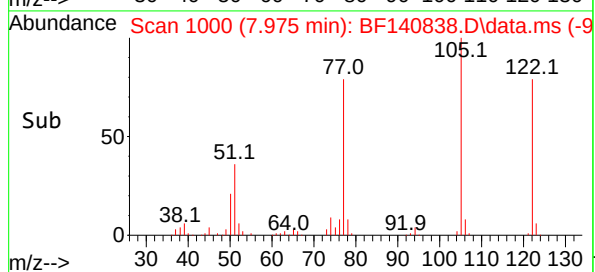
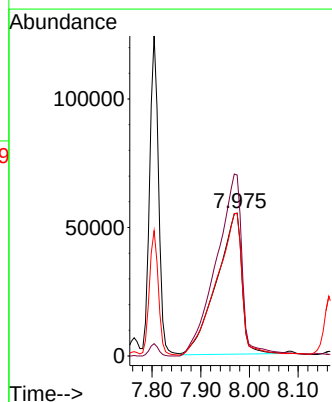
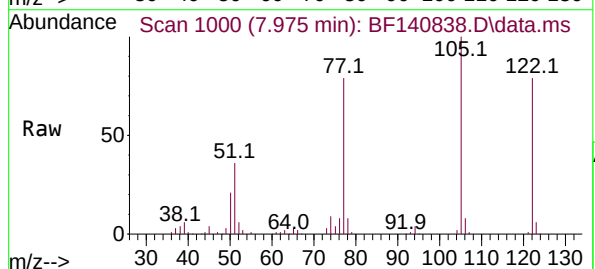
Tgt Ion:122 Resp: 198086

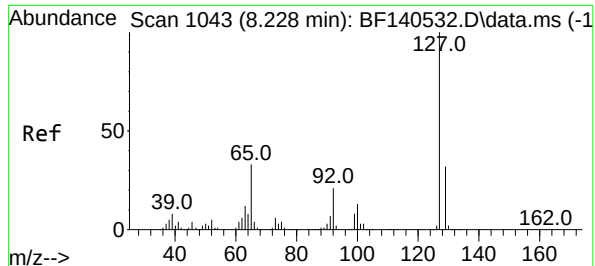
Ion Ratio Lower Upper

122 100

105 126.6 109.3 149.3

77 99.7 82.3 122.3





#33

4-Chloroaniline

Concen: 44.020 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 248612

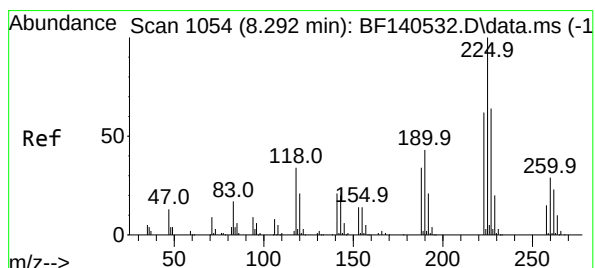
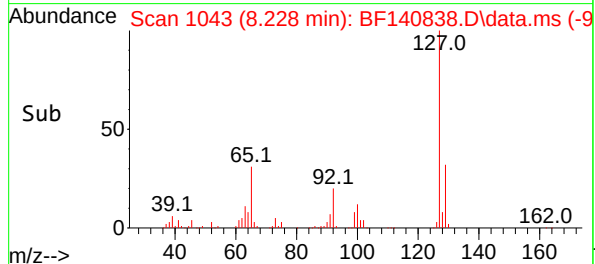
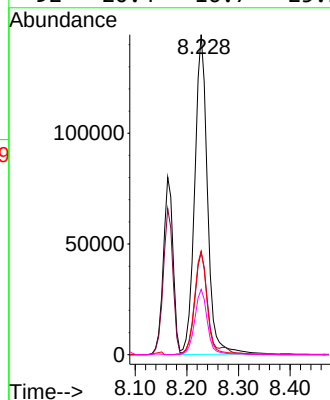
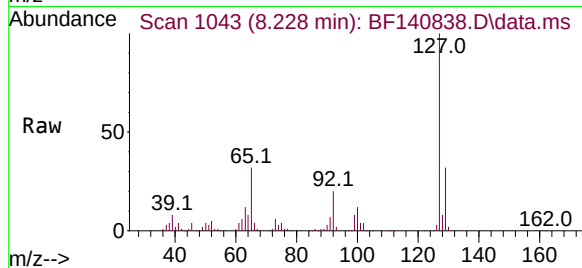
Ion Ratio Lower Upper

127 100

129 32.0 26.0 39.0

65 32.4 26.0 39.0

92 20.4 16.7 25.1



#34

Hexachlorobutadiene

Concen: 43.283 ng

RT: 8.275 min Scan# 1051

Delta R.T. -0.018 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

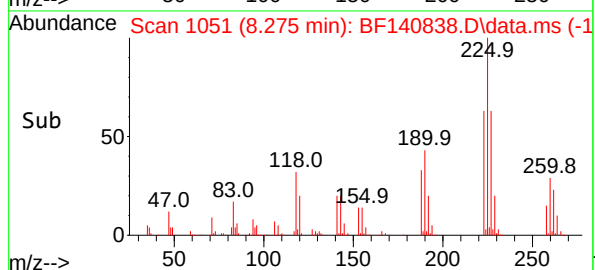
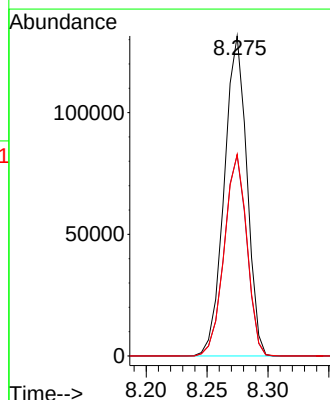
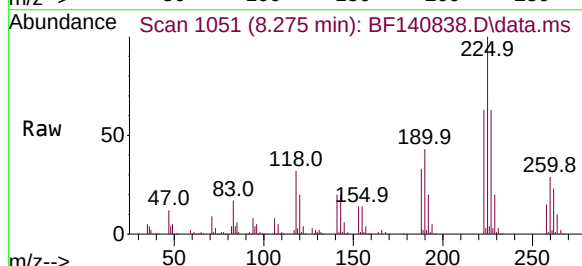
Tgt Ion:225 Resp: 170175

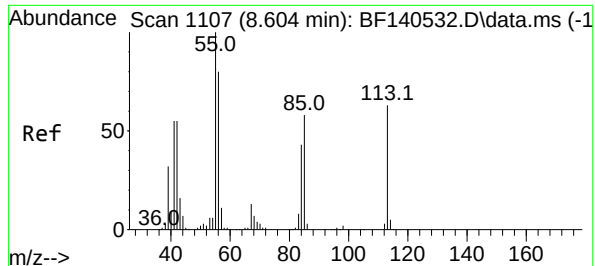
Ion Ratio Lower Upper

225 100

223 62.7 49.8 74.8

227 63.0 51.3 76.9





#35

Caprolactam

Concen: 40.986 ng m

RT: 8.610 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

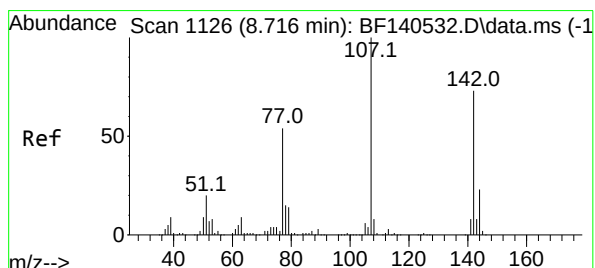
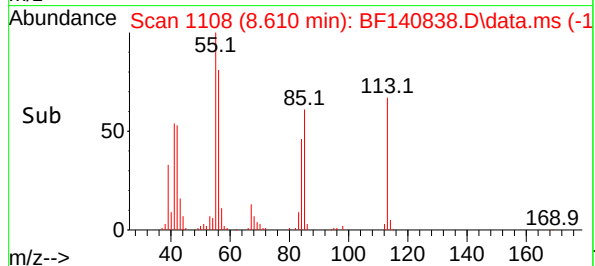
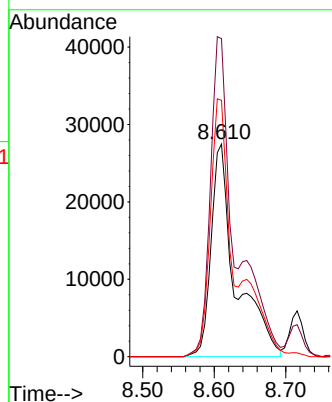
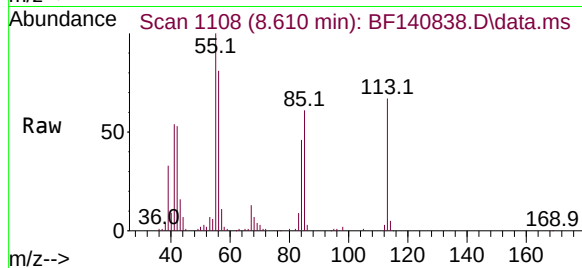
Tgt Ion:113 Resp: 65942

Ion Ratio Lower Upper

113 100

55 149.5 137.7 177.7

56 120.5 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 42.020 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

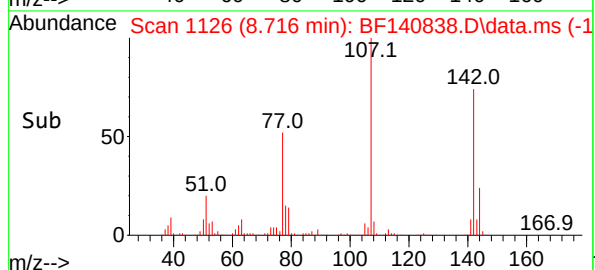
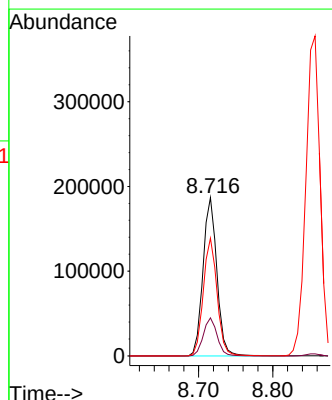
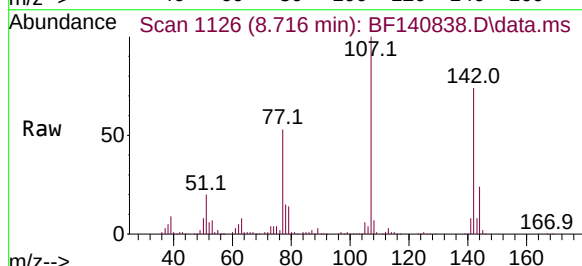
Tgt Ion:107 Resp: 244591

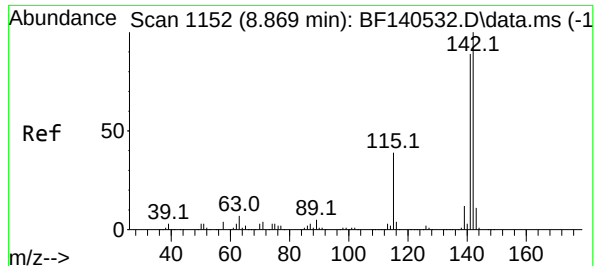
Ion Ratio Lower Upper

107 100

144 24.0 18.7 28.1

142 74.3 58.3 87.5





#37

2-Methylnaphthalene

Concen: 41.936 ng

RT: 8.857 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

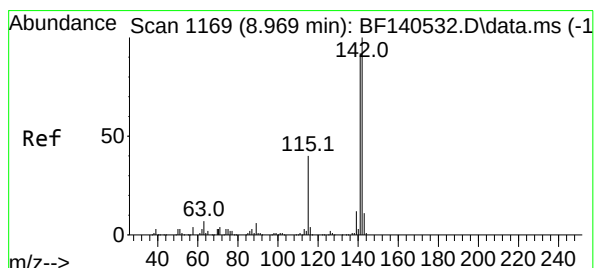
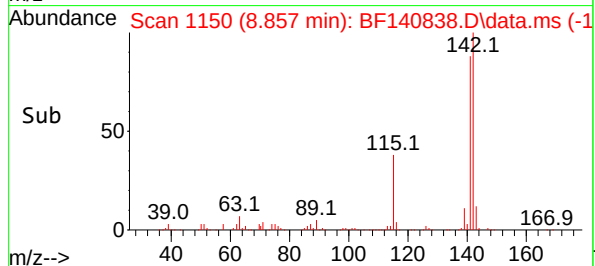
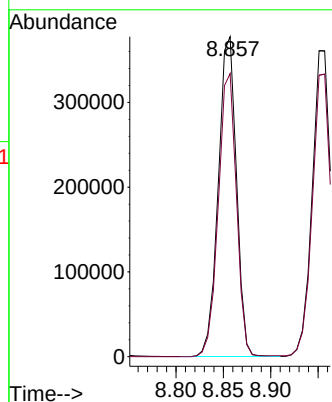
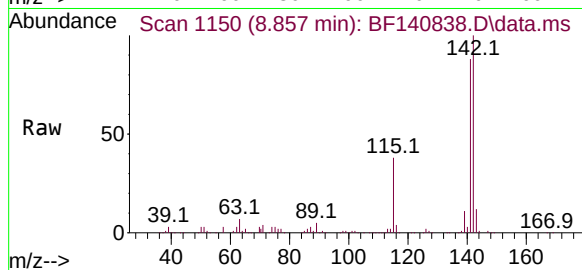
SSTDCCC040

Tgt Ion:142 Resp: 502446

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 41.891 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.018 min

Lab File: BF140838.D

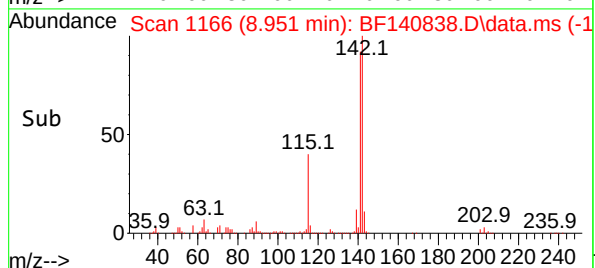
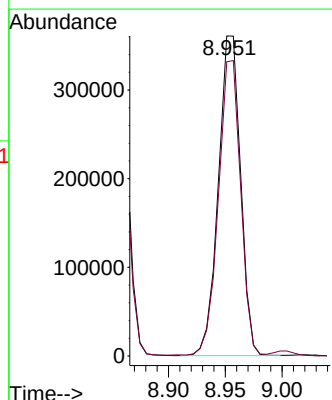
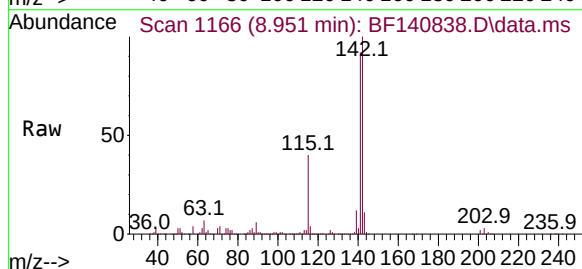
Acq: 13 Dec 2024 12:14

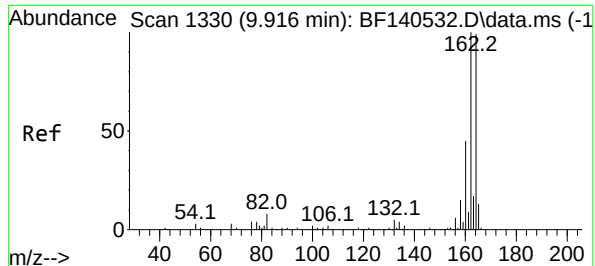
Tgt Ion:142 Resp: 491967

Ion Ratio Lower Upper

142 100

141 92.0 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1178

Delta R.T. -0.018 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

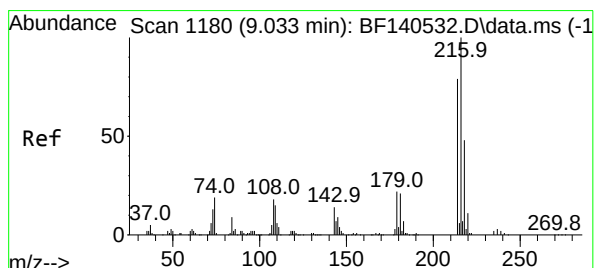
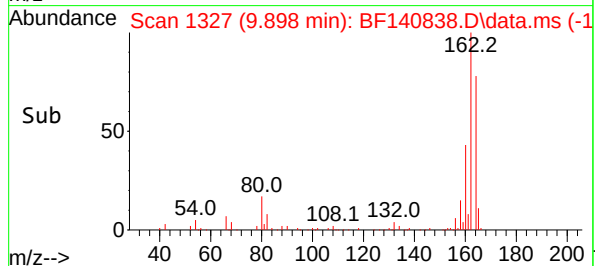
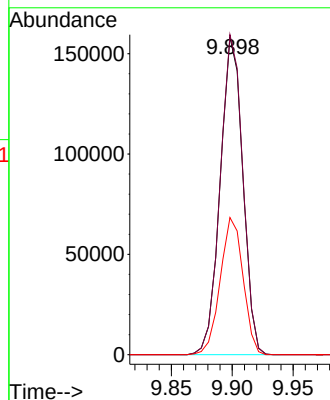
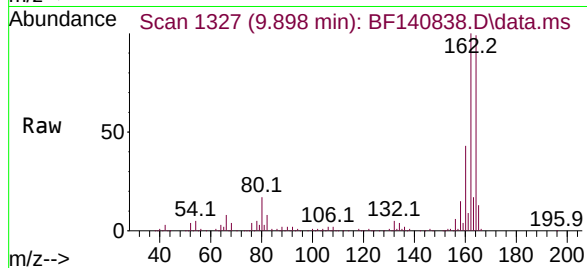
Tgt Ion:164 Resp: 204323

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

160 43.2 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.781 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Tgt Ion:216 Resp: 249916

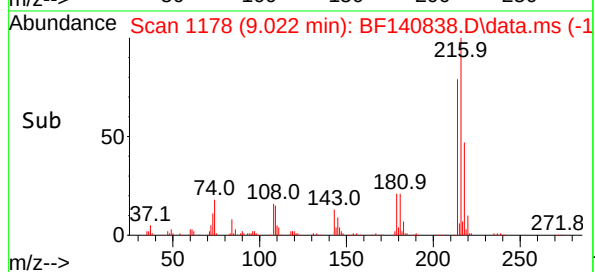
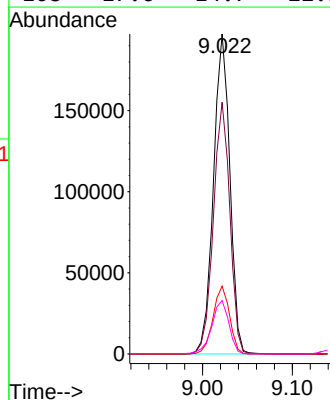
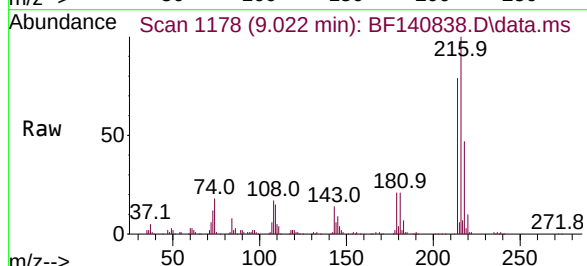
Ion Ratio Lower Upper

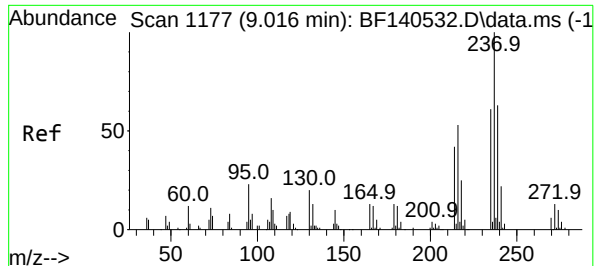
216 100

214 79.0 63.0 94.4

179 21.3 17.5 26.3

108 17.6 14.7 22.1

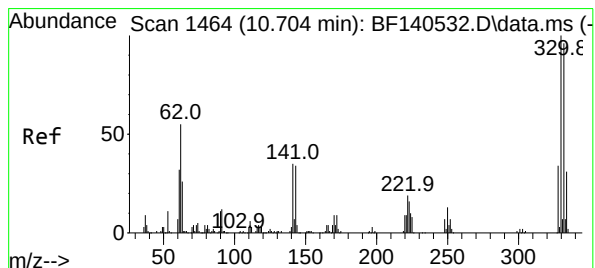
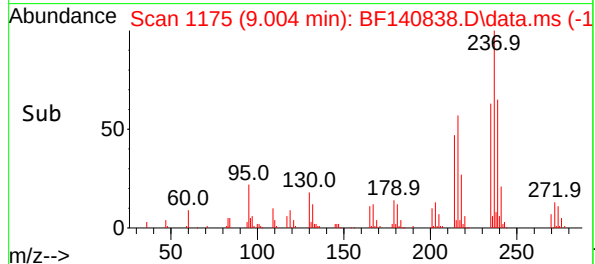
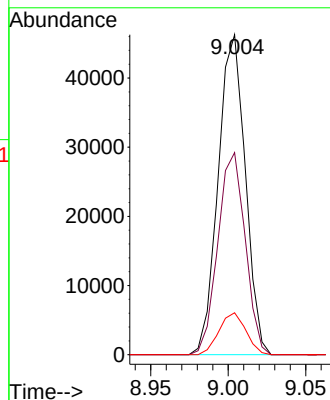
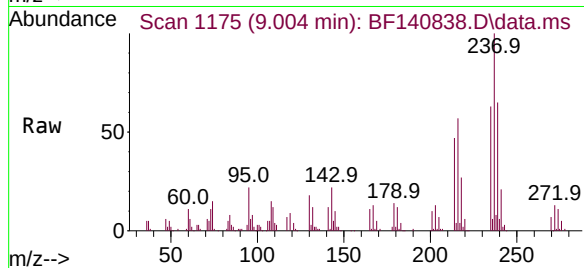




#41
Hexachlorocyclopentadiene
Concen: 45.407 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

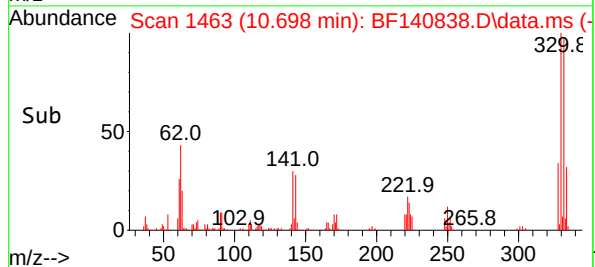
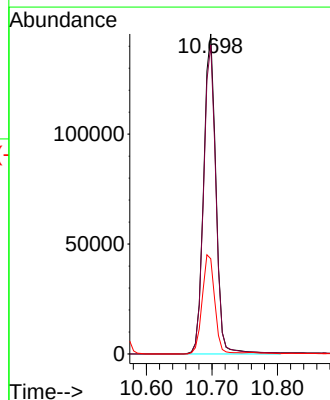
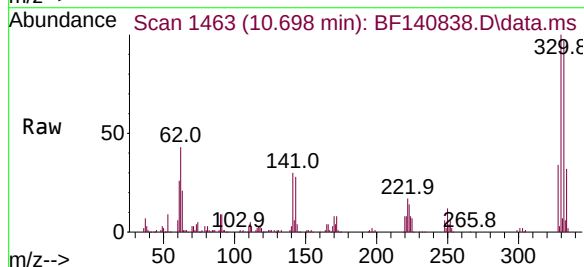
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

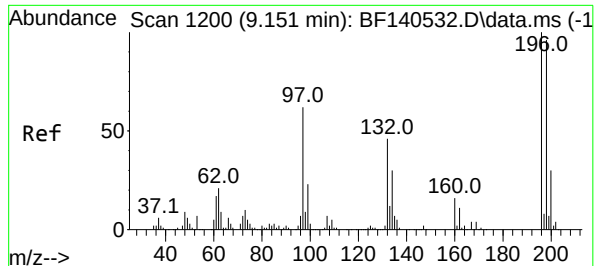
Tgt Ion:237 Resp: 56386
Ion Ratio Lower Upper
237 100
235 63.1 41.1 81.1
272 13.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 86.950 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:330 Resp: 190007
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 31.8 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 40.228 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

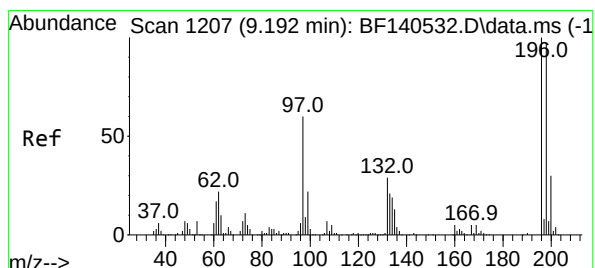
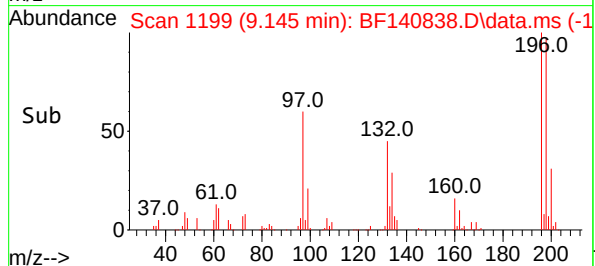
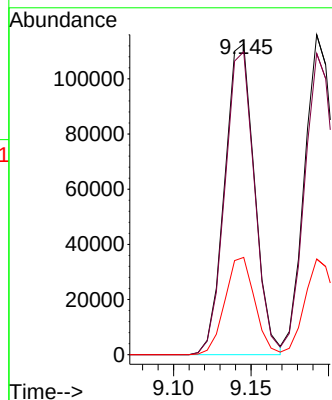
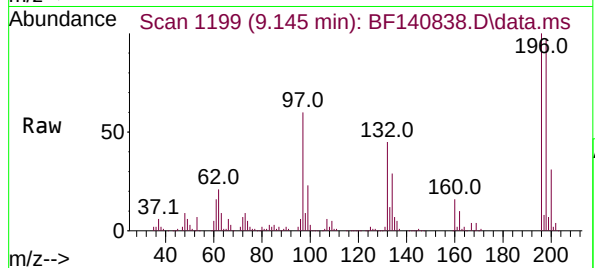
Tgt Ion:196 Resp: 150989

Ion Ratio Lower Upper

196 100

198 97.4 76.8 115.2

200 31.3 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 41.591 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Tgt Ion:196 Resp: 169419

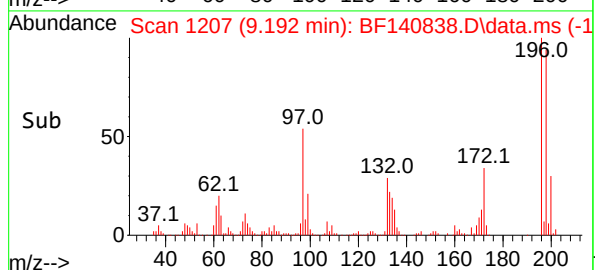
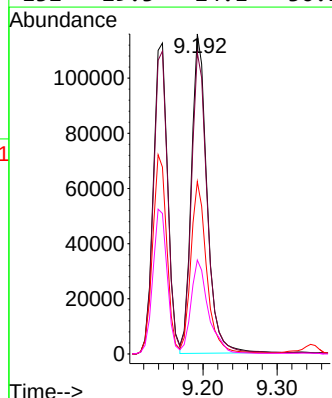
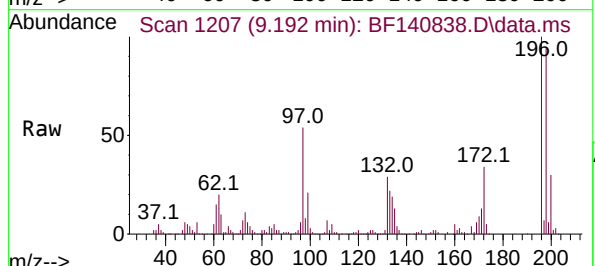
Ion Ratio Lower Upper

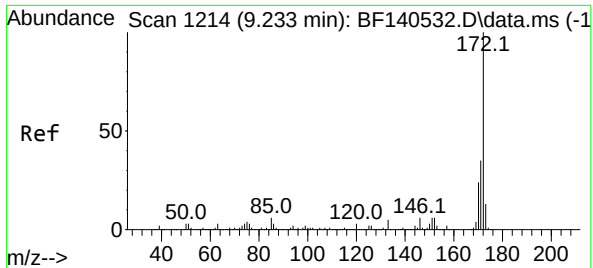
196 100

198 94.1 77.2 115.8

97 53.9 47.1 70.7

132 29.3 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 82.865 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

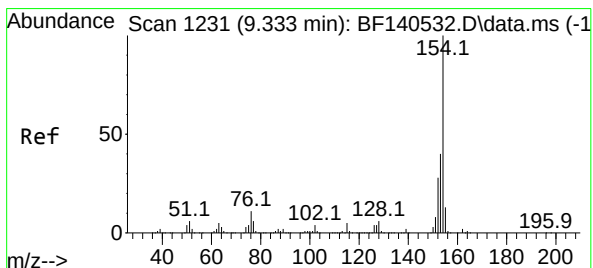
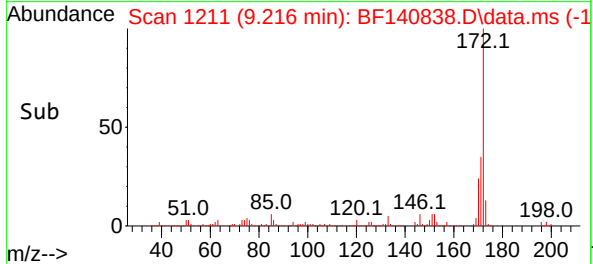
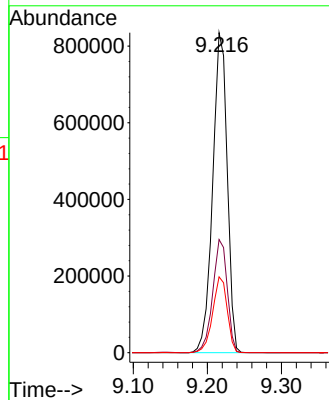
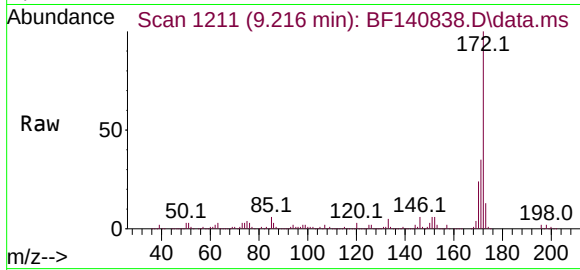
Tgt Ion:172 Resp: 1136362

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.972 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

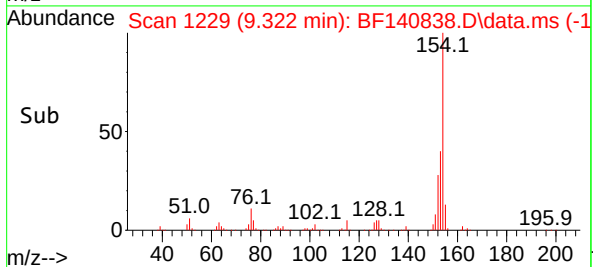
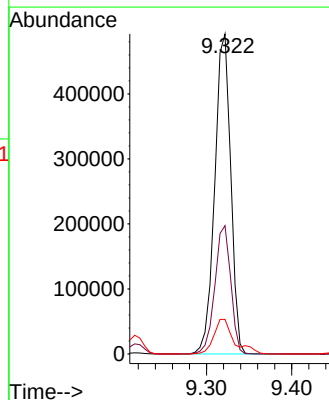
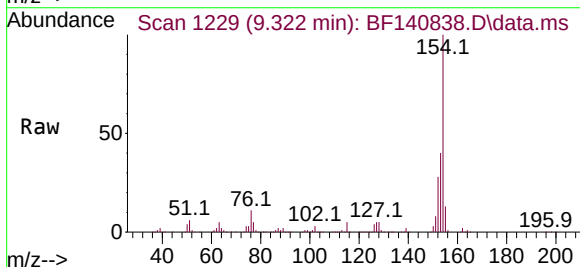
Tgt Ion:154 Resp: 640280

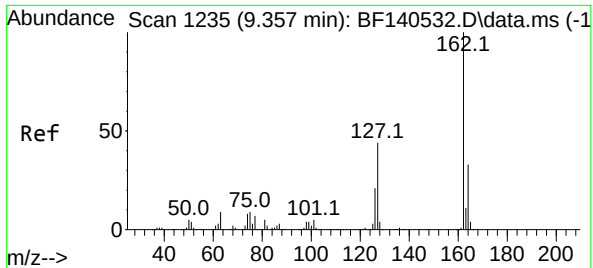
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 10.8 0.0 31.2





#47

2-Chloronaphthalene

Concen: 42.131 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

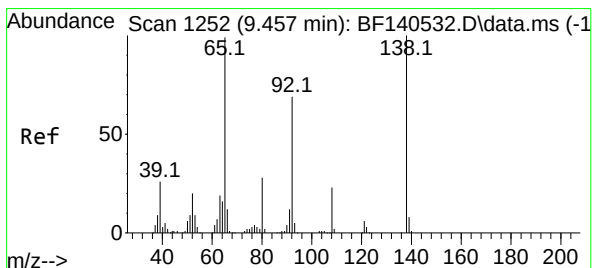
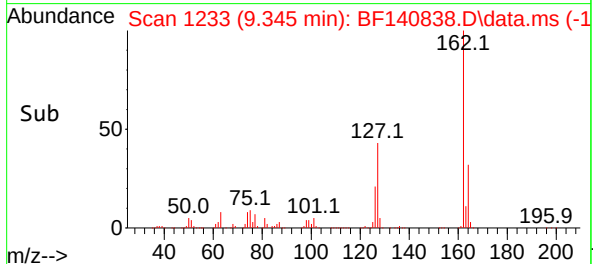
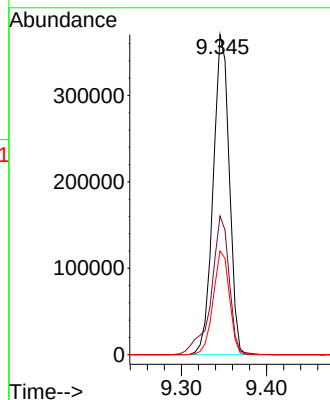
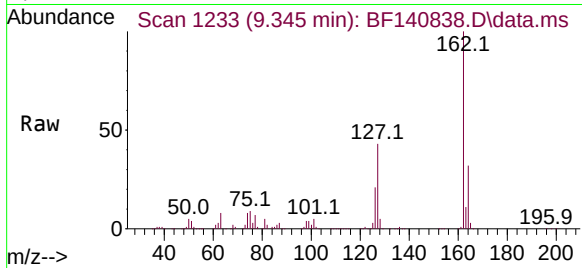
Tgt Ion:162 Resp: 486995

Ion Ratio Lower Upper

162 100

127 43.4 35.7 53.5

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 41.225 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

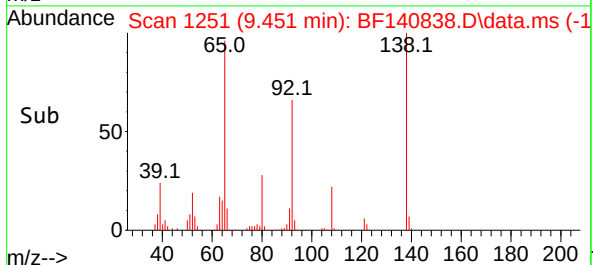
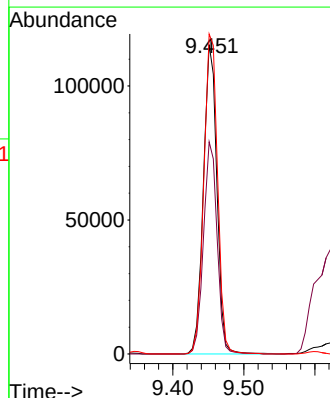
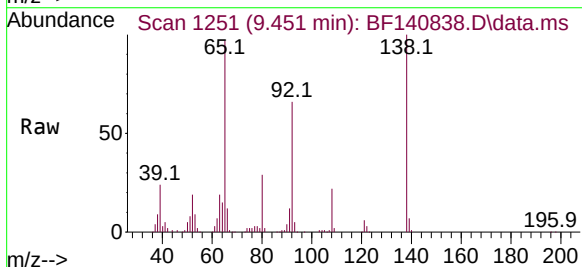
Tgt Ion: 65 Resp: 152955

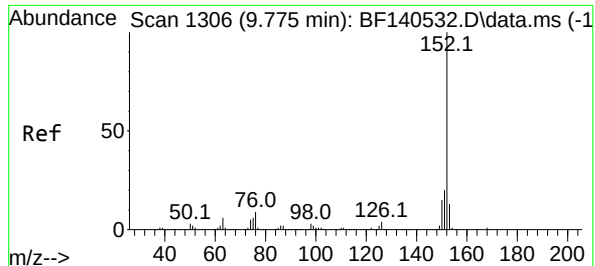
Ion Ratio Lower Upper

65 100

92 68.6 56.1 84.1

138 103.5 81.0 121.6





#49

Acenaphthylene

Concen: 40.487 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

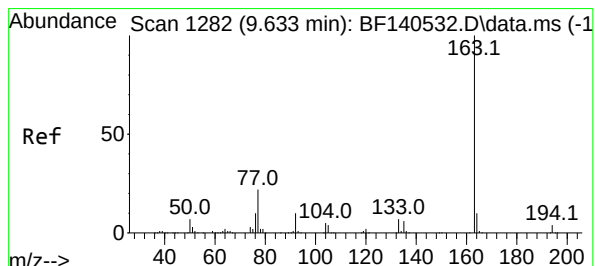
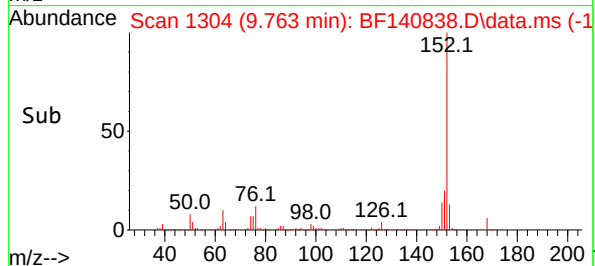
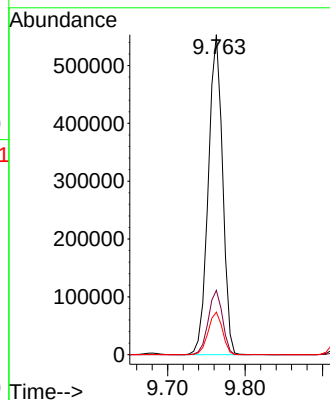
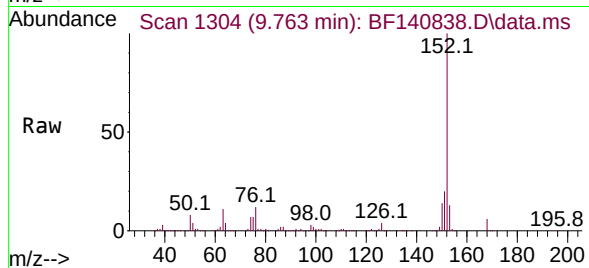
Tgt Ion:152 Resp: 707104

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 41.245 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

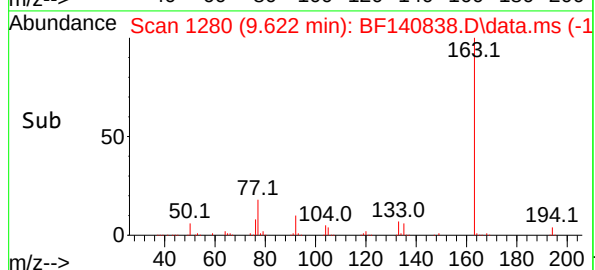
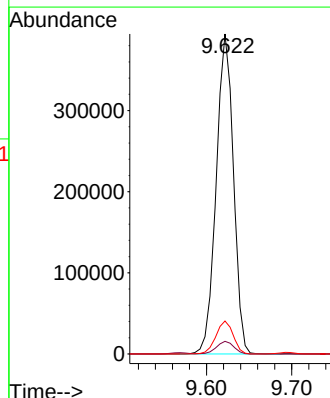
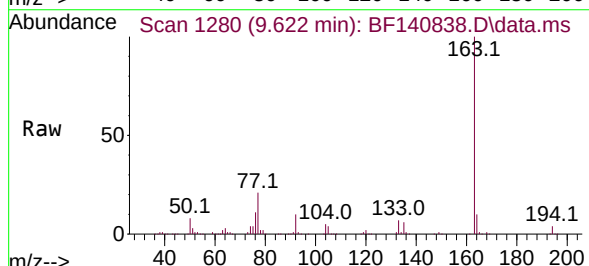
Tgt Ion:163 Resp: 555016

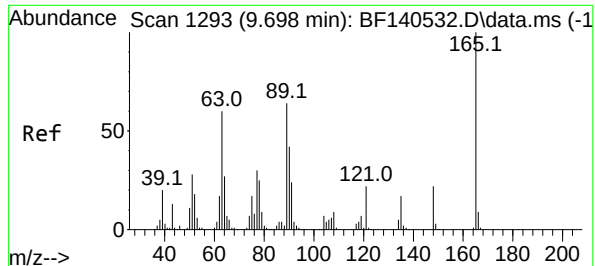
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.355 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

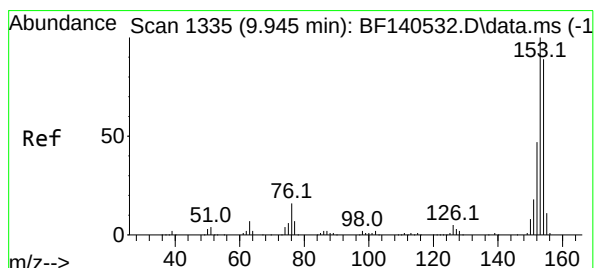
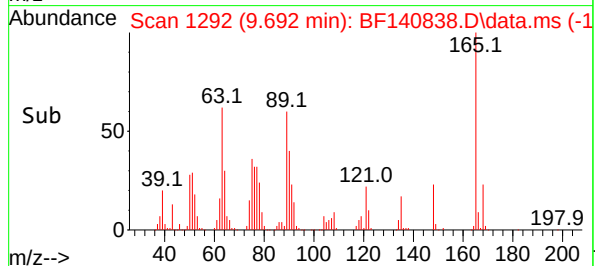
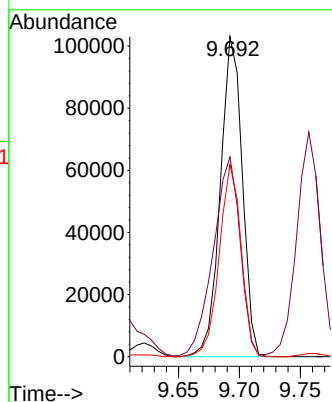
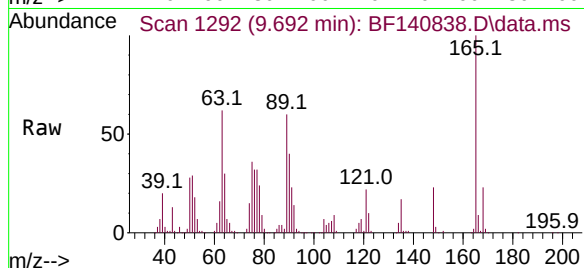
Tgt Ion:165 Resp: 129263

Ion Ratio Lower Upper

165 100

63 62.4 49.9 74.9

89 60.1 50.9 76.3



#52

Acenaphthene

Concen: 41.094 ng

RT: 9.933 min Scan# 1333

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

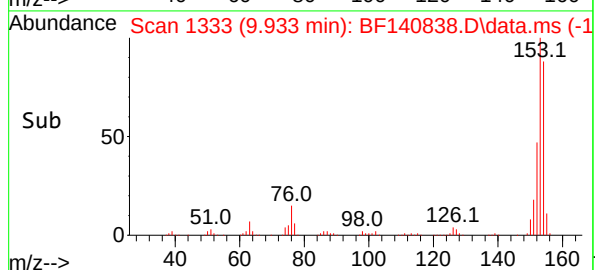
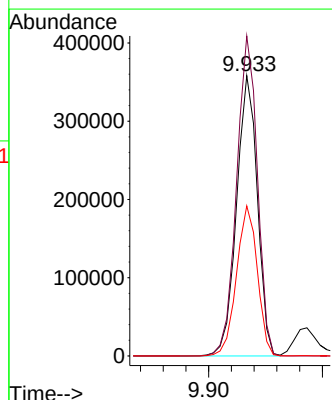
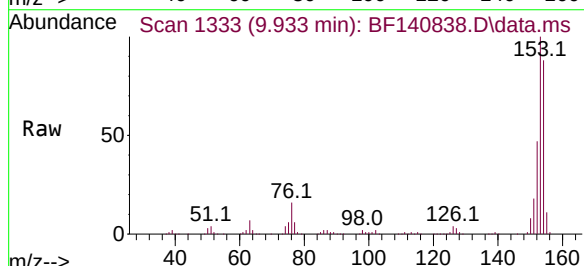
Tgt Ion:154 Resp: 456020

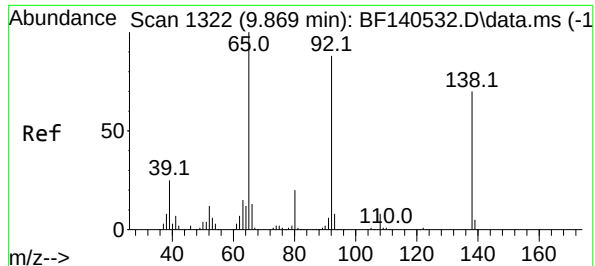
Ion Ratio Lower Upper

154 100

153 114.2 89.7 134.5

152 53.5 42.5 63.7





#53

3-Nitroaniline

Concen: 43.047 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

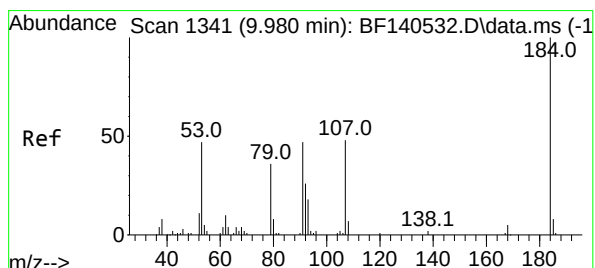
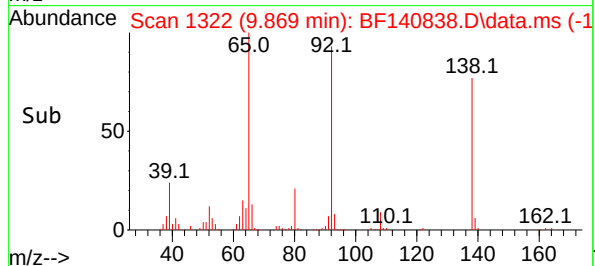
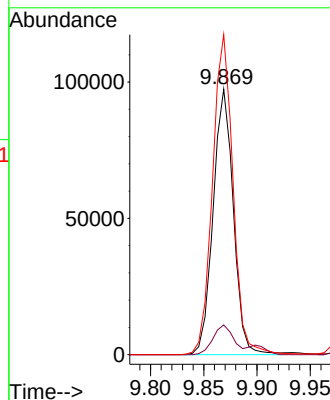
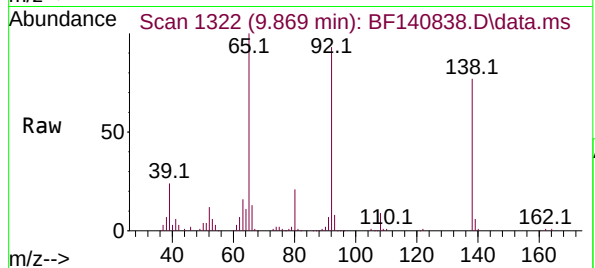
Tgt Ion:138 Resp: 128490

Ion Ratio Lower Upper

138 100

108 11.2 9.2 13.8

92 120.5 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 54.487 ng

RT: 9.986 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

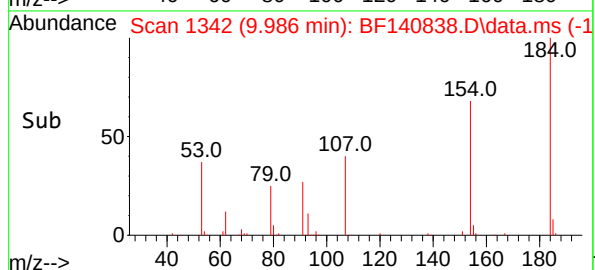
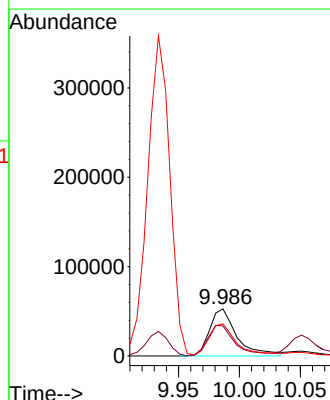
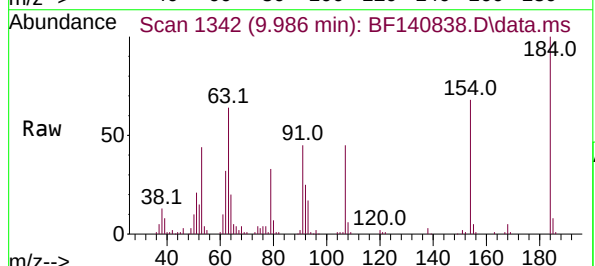
Tgt Ion:184 Resp: 81750

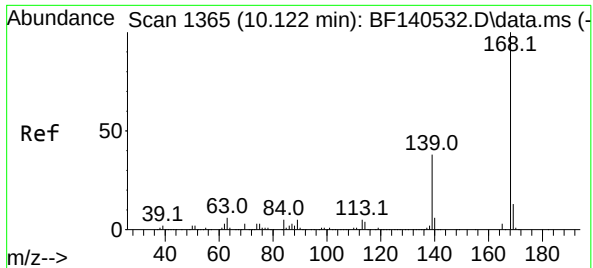
Ion Ratio Lower Upper

184 100

63 64.1 54.1 81.1

154 68.2 57.4 86.0





#55

Dibenzenofuran

Concen: 40.948 ng

RT: 10.104 min Scan# 1362

Delta R.T. -0.018 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

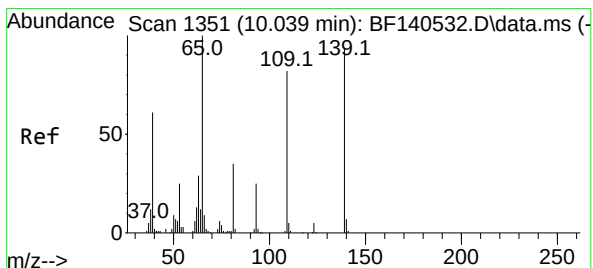
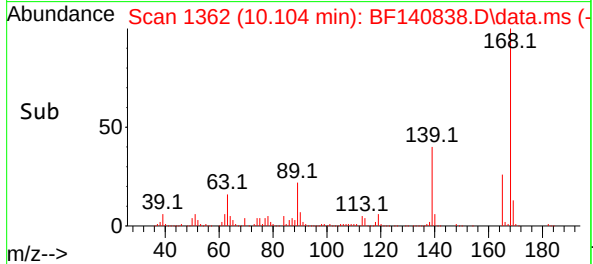
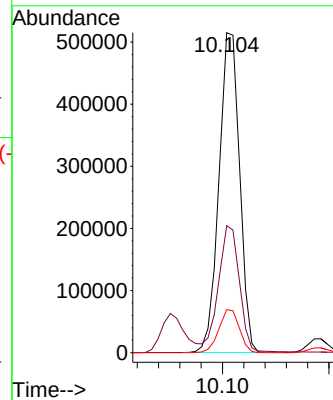
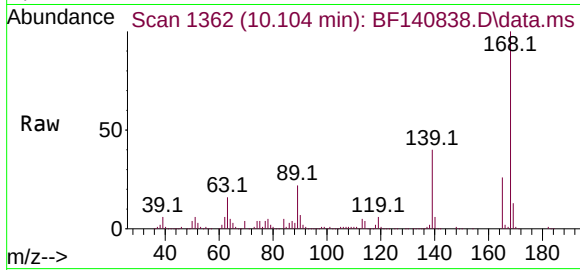
Tgt Ion:168 Resp: 693111

Ion Ratio Lower Upper

168 100

139 39.7 31.3 46.9

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 48.594 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

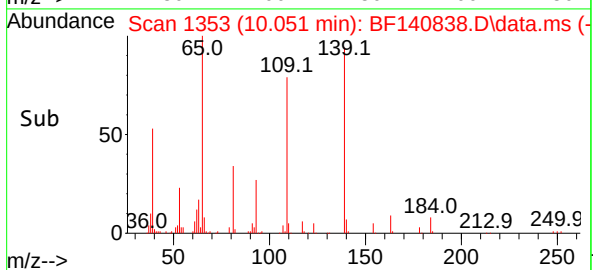
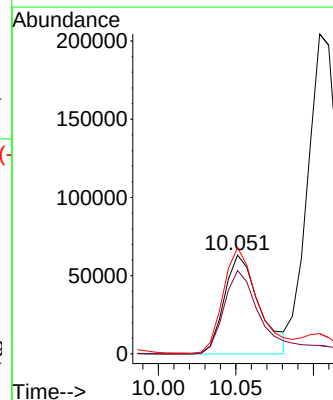
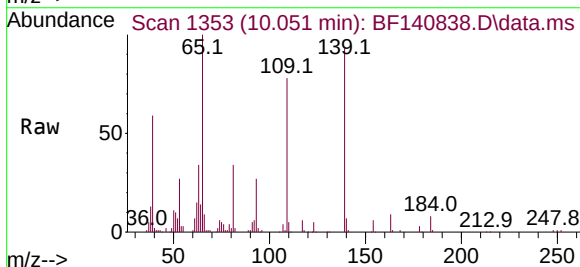
Tgt Ion:139 Resp: 98923

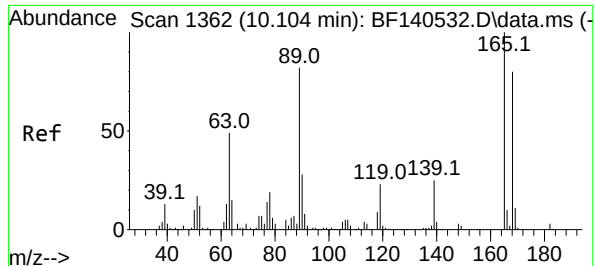
Ion Ratio Lower Upper

139 100

109 84.3 68.4 108.4

65 107.6 88.6 128.6





#57

2,4-Dinitrotoluene

Concen: 42.336 ng

RT: 10.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 171716

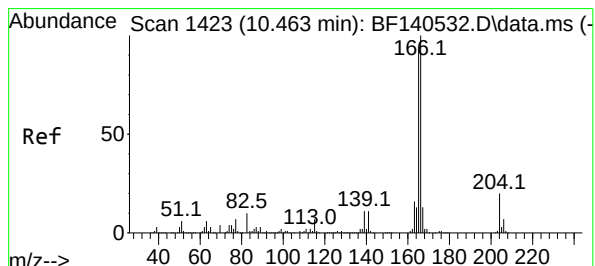
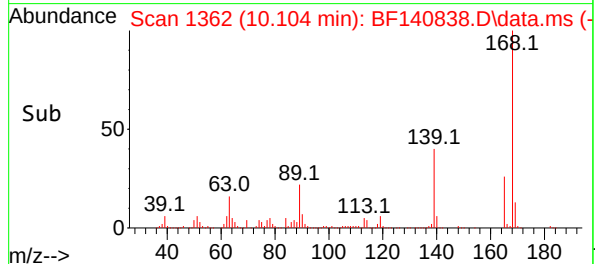
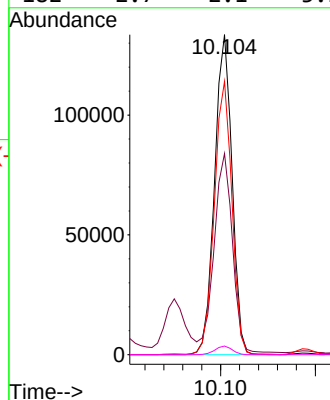
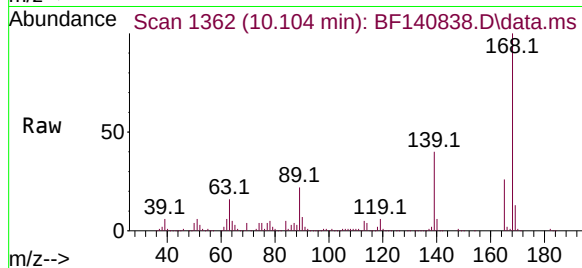
Ion Ratio Lower Upper

165 100

63 62.9 41.7 62.5#

89 85.4 65.8 98.8

182 2.7 2.1 3.1



#58

Fluorene

Concen: 42.469 ng

RT: 10.451 min Scan# 1421

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

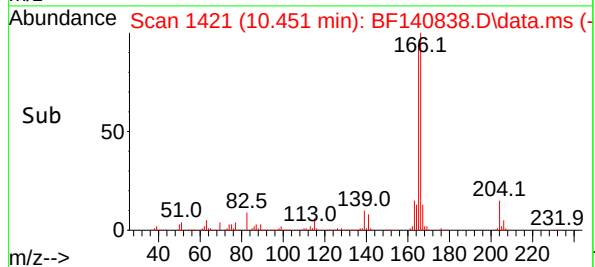
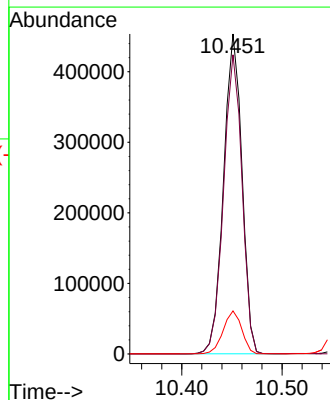
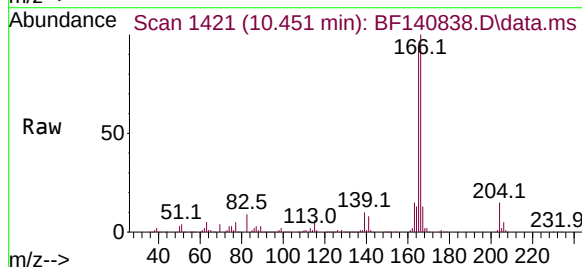
Tgt Ion:166 Resp: 577006

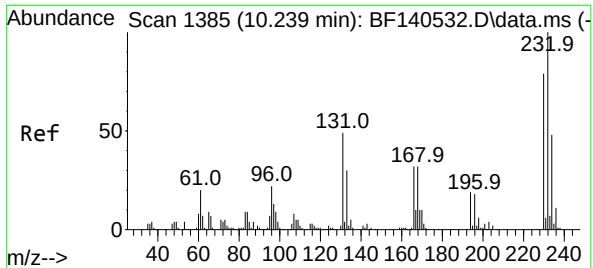
Ion Ratio Lower Upper

166 100

165 93.5 74.6 111.8

167 13.4 10.6 16.0

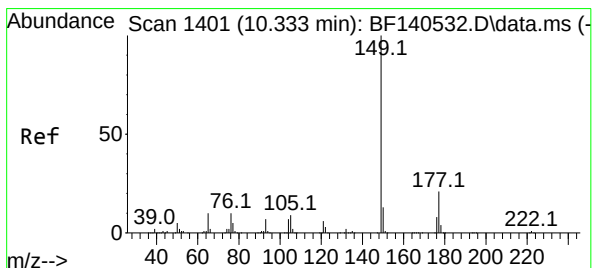
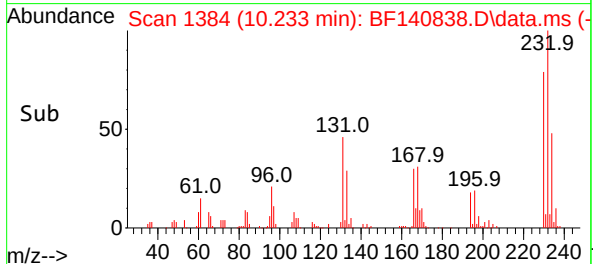
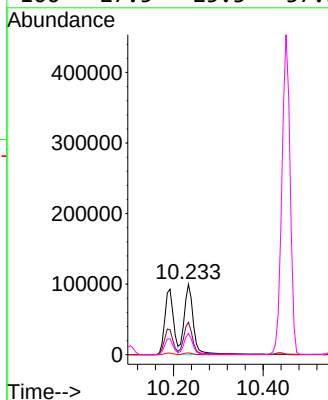
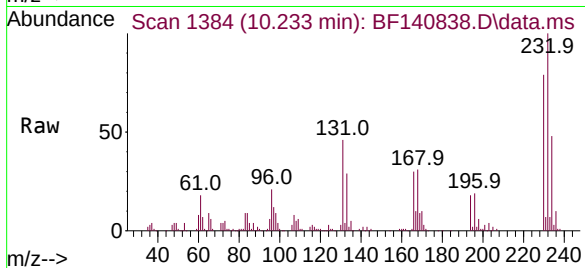




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.759 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

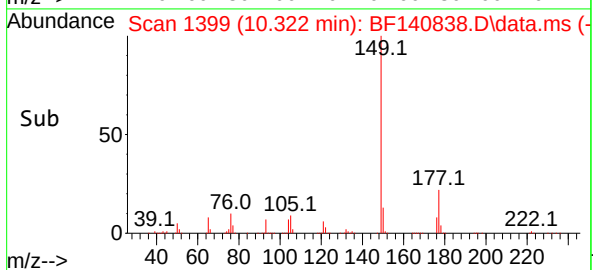
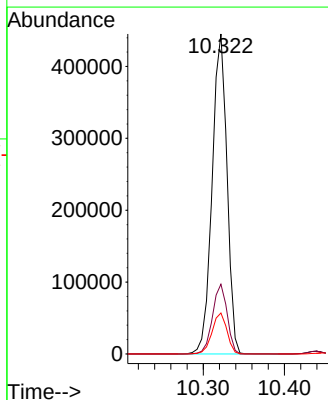
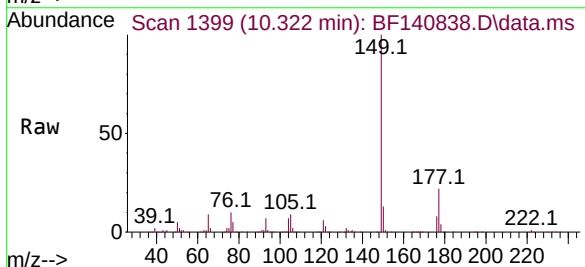
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

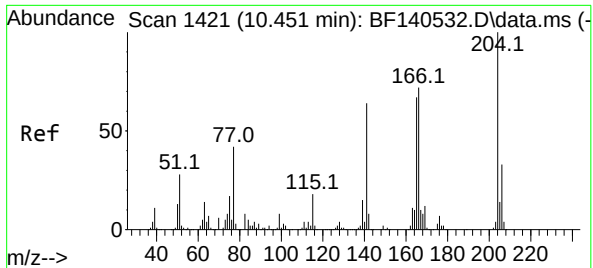
Tgt Ion:232 Resp: 143253
Ion Ratio Lower Upper
232 100
131 44.1 39.6 59.4
130 2.4 1.9 2.9
166 27.5 25.3 37.9



#60
Diethylphthalate
Concen: 41.345 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:149 Resp: 565279
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.8 10.1 15.1

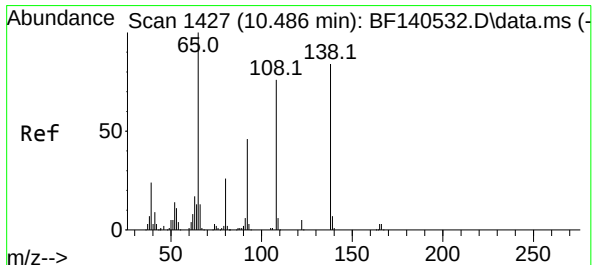
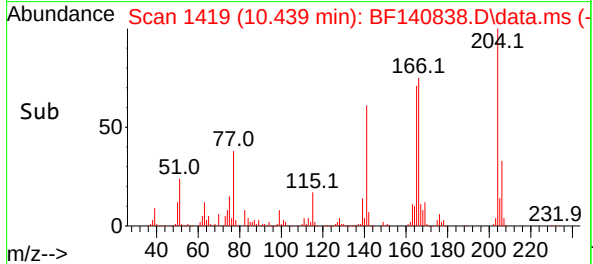
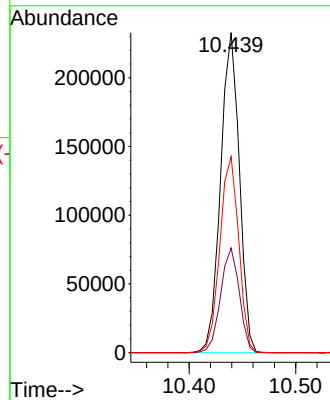
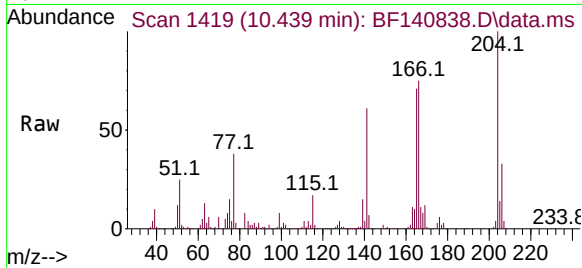




#61
4-Chlorophenyl-phenylether
Concen: 42.642 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

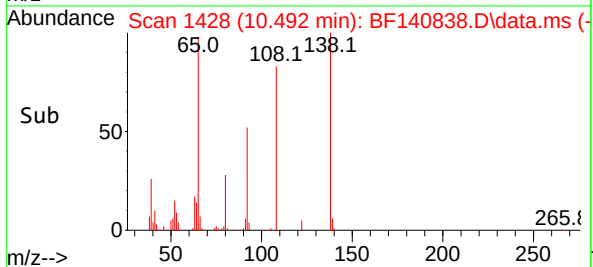
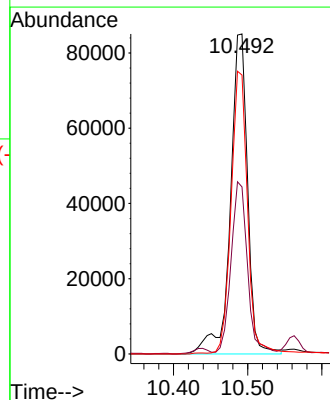
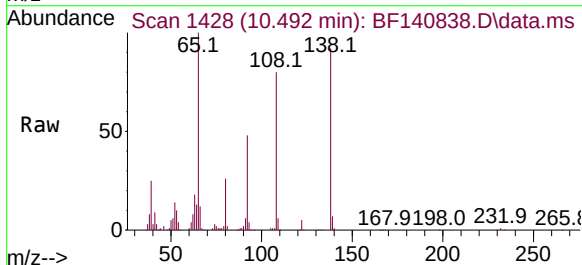
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

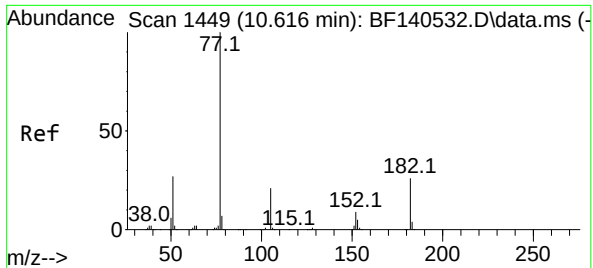
Tgt Ion:204 Resp: 284318
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 61.3 51.1 76.7



#62
4-Nitroaniline
Concen: 43.826 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:138 Resp: 137202
Ion Ratio Lower Upper
138 100
92 52.2 34.5 74.5
108 87.1 70.6 110.6

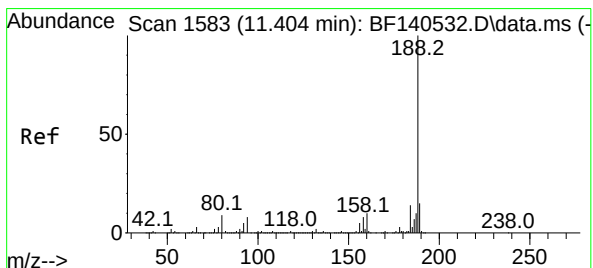
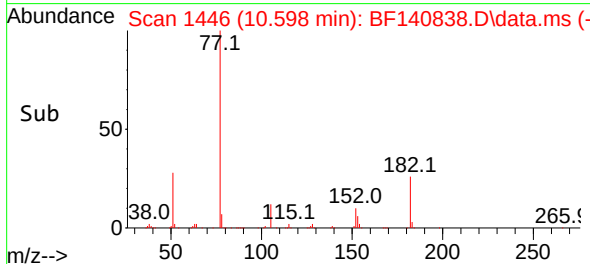
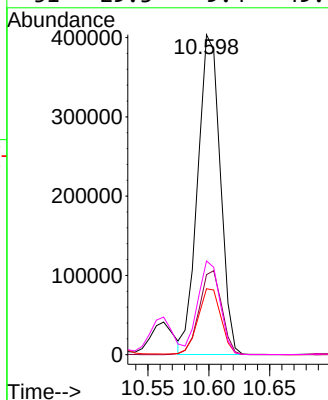
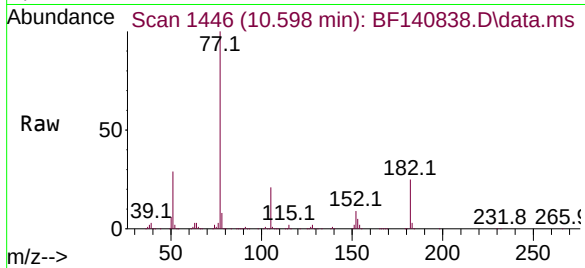




#63
Azobenzene
Concen: 40.275 ng
RT: 10.598 min Scan# 1446
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

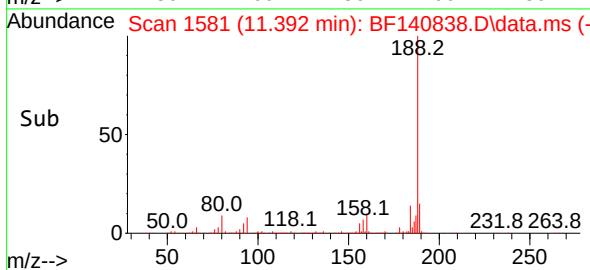
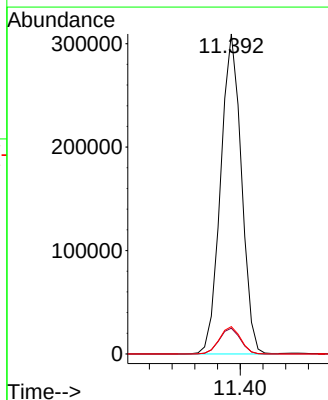
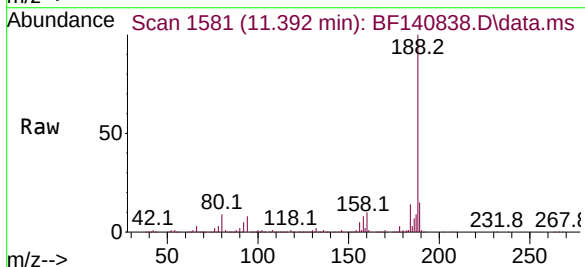
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

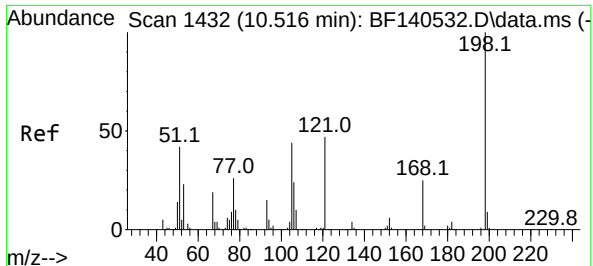
Tgt Ion: 77 Resp: 521453
Ion Ratio Lower Upper
77 100
182 25.0 5.3 45.3
105 20.6 0.3 40.3
51 29.3 9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion: 188 Resp: 393427
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.6 6.9 10.3

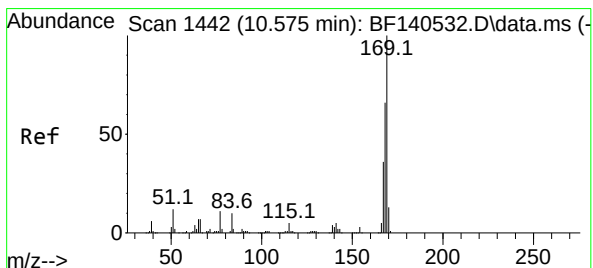
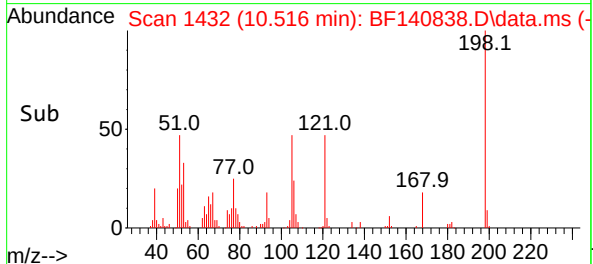
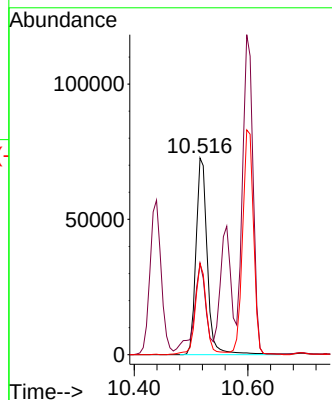
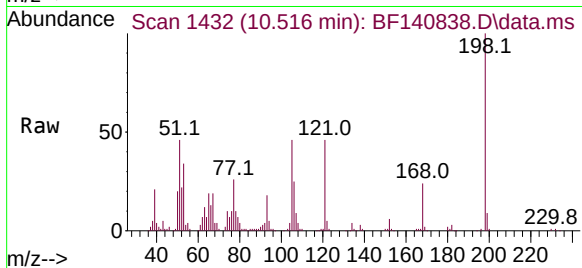




#65
4,6-Dinitro-2-methylphenol
Concen: 50.379 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

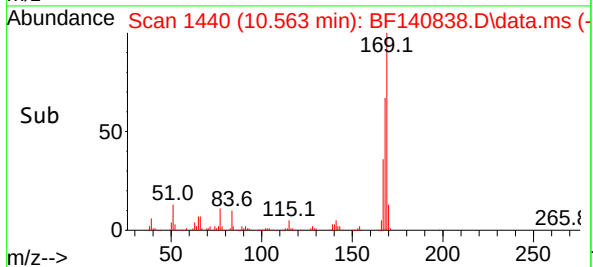
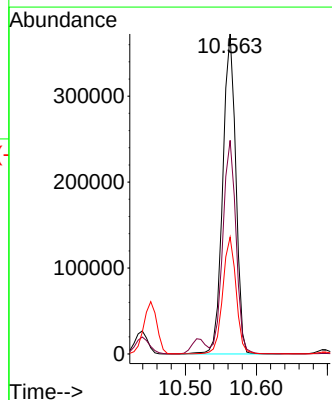
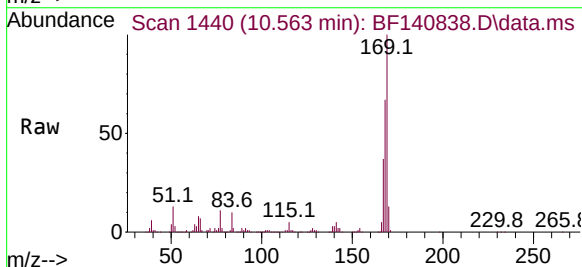
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

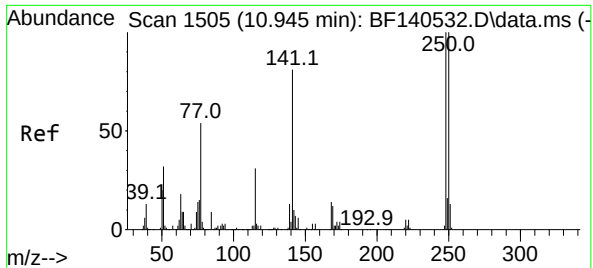
Tgt Ion:198 Resp: 101284
Ion Ratio Lower Upper
198 100
51 46.4 29.4 69.4
105 46.3 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 40.739 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:169 Resp: 473989
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.5 29.0 43.6

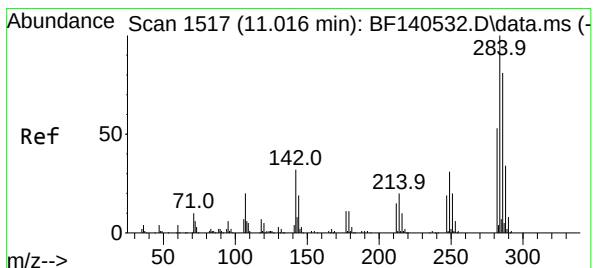
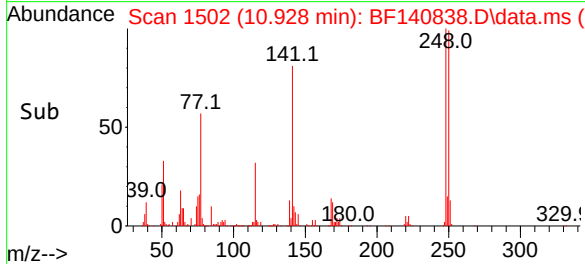
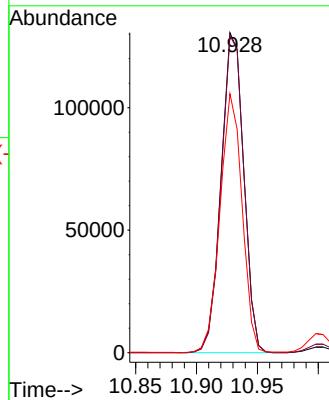
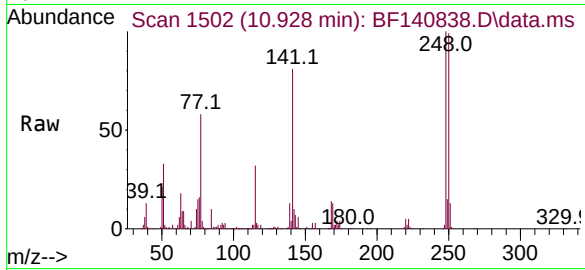




#67
4-Bromophenyl-phenylether
Concen: 41.771 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

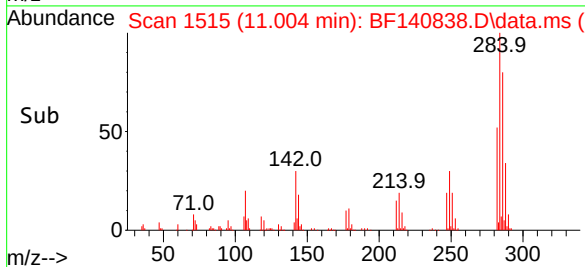
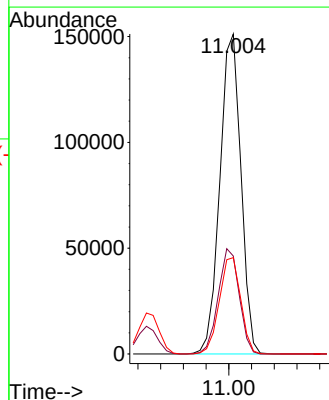
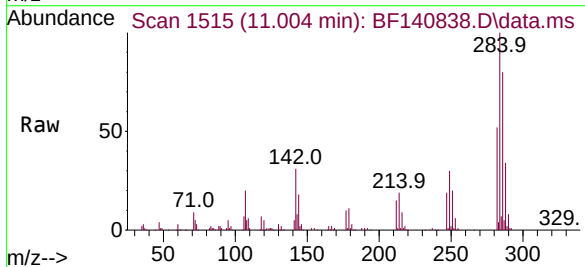
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

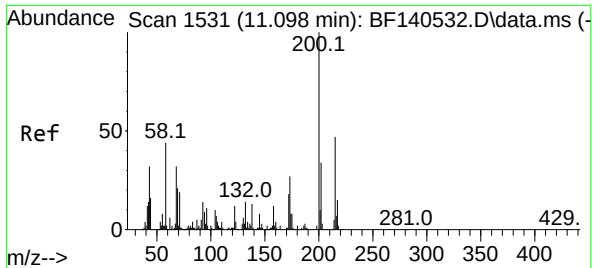
Tgt Ion:248 Resp: 169243
Ion Ratio Lower Upper
248 100
250 99.1 79.8 119.8
141 80.9 64.7 97.1



#68
Hexachlorobenzene
Concen: 41.539 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:284 Resp: 194877
Ion Ratio Lower Upper
284 100
142 30.6 25.3 37.9
249 30.1 24.8 37.2

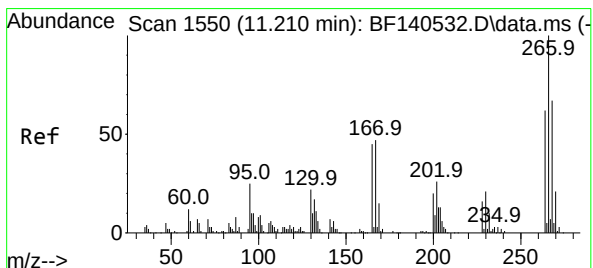
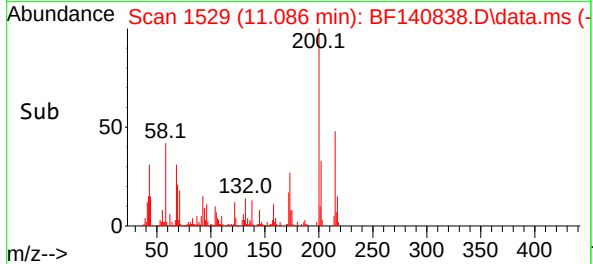
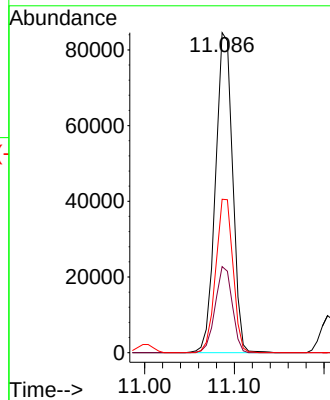
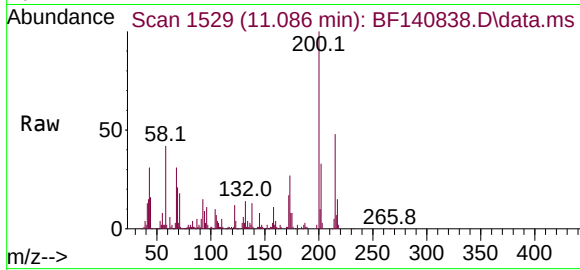




#69
 Atrazine
 Concen: 34.261 ng
 RT: 11.086 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140838.D
 Acq: 13 Dec 2024 12:14

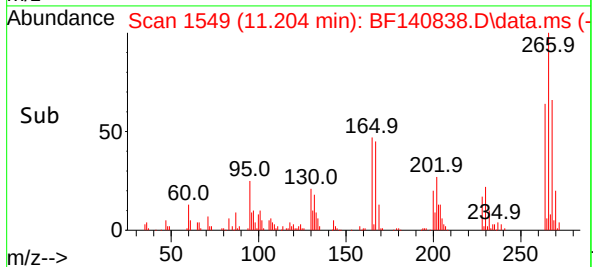
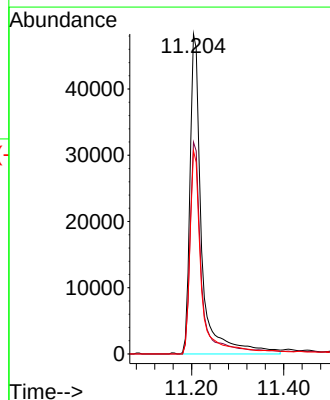
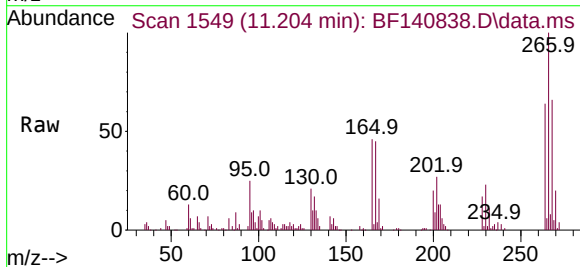
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

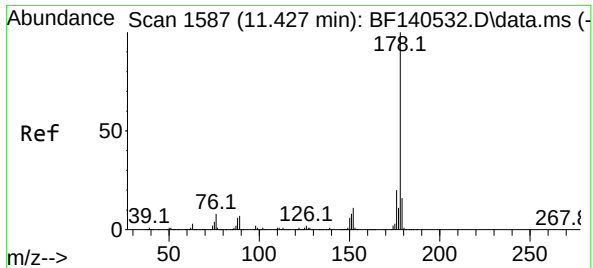
Tgt Ion:200 Resp: 112137
 Ion Ratio Lower Upper
 200 100
 173 26.9 7.0 47.0
 215 47.9 26.7 66.7



#70
 Pentachlorophenol
 Concen: 41.203 ng
 RT: 11.204 min Scan# 1549
 Delta R.T. -0.006 min
 Lab File: BF140838.D
 Acq: 13 Dec 2024 12:14

Tgt Ion:266 Resp: 85077
 Ion Ratio Lower Upper
 266 100
 268 66.2 53.7 80.5
 264 63.5 49.8 74.8

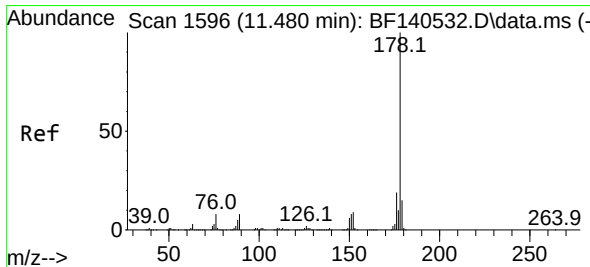
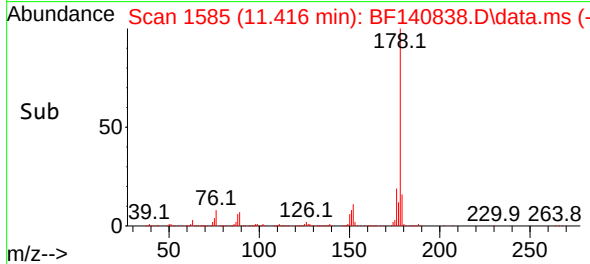
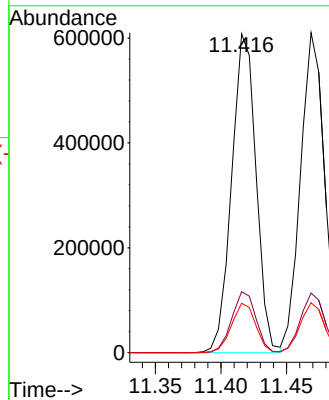
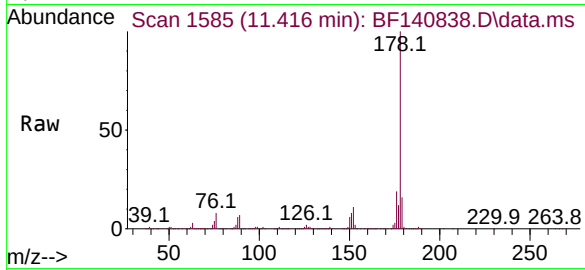




#71
Phenanthrene
Concen: 41.672 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

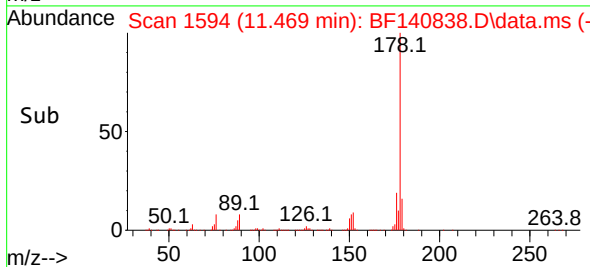
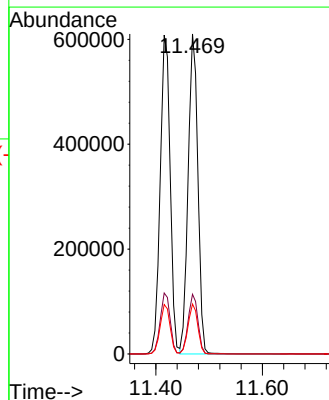
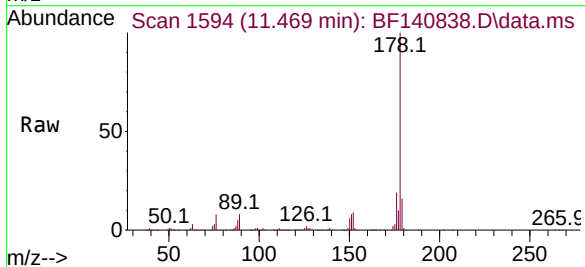
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

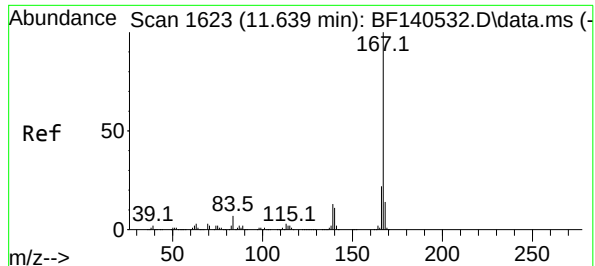
Tgt Ion:178 Resp: 788081
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.5 12.4 18.6



#72
Anthracene
Concen: 41.764 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:178 Resp: 772594
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.2 18.4

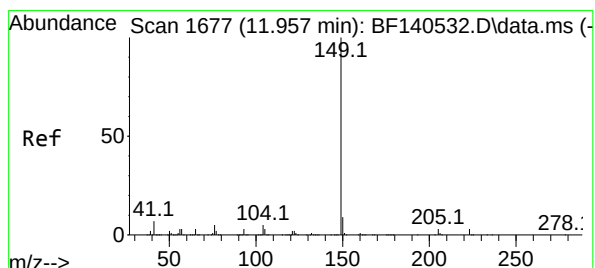
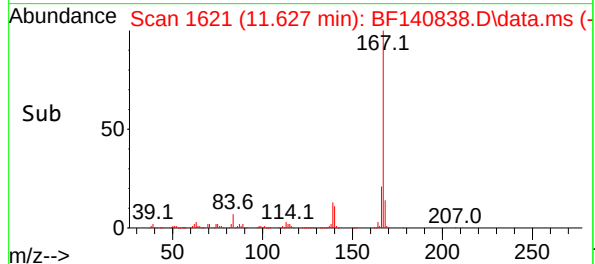
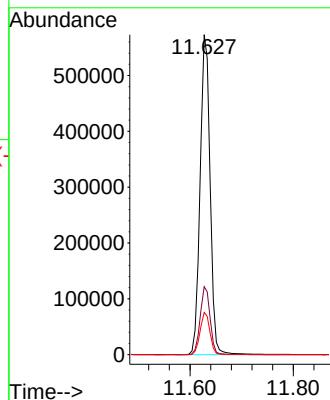
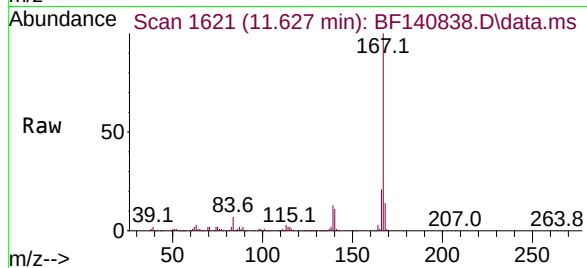




#73
Carbazole
Concen: 43.008 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

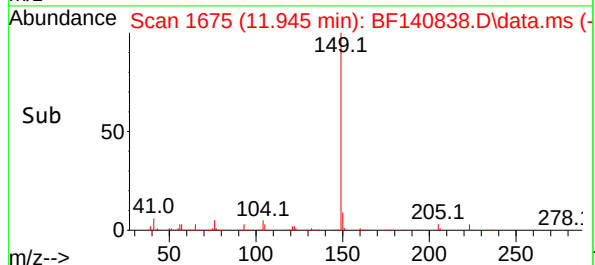
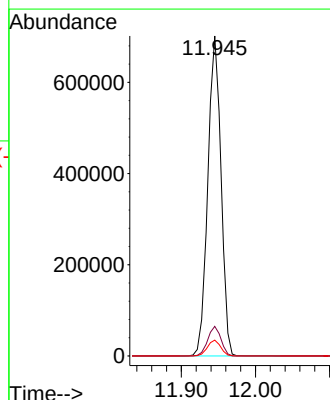
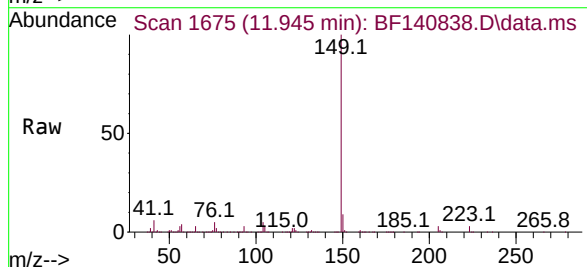
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

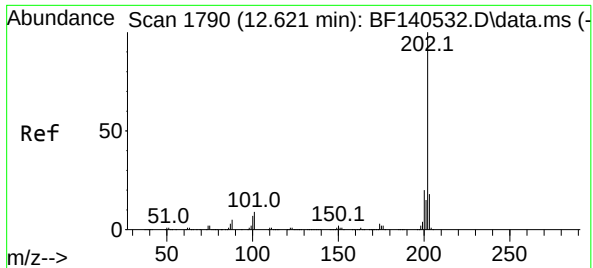
Tgt Ion:167 Resp: 765382
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 13.2 10.6 15.8



#74
Di-n-butylphthalate
Concen: 42.152 ng
RT: 11.945 min Scan# 1675
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:149 Resp: 866057
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.0 4.1 6.1

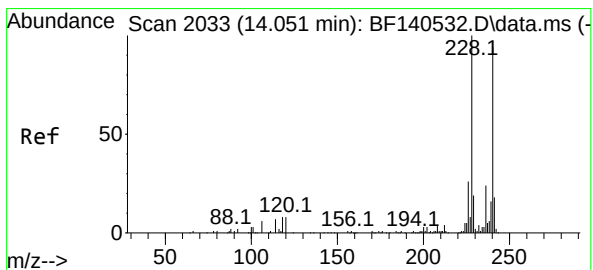
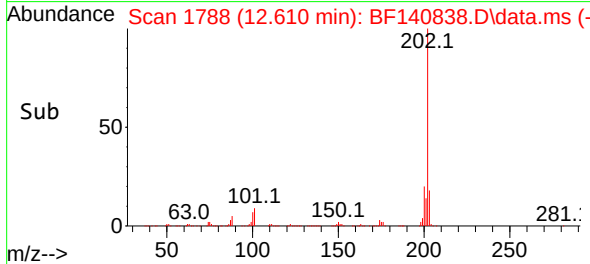
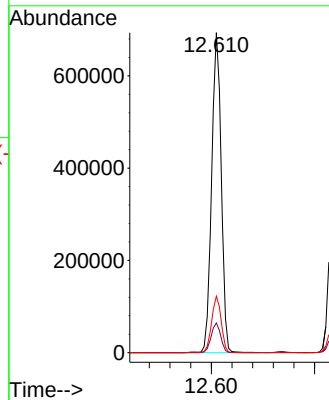
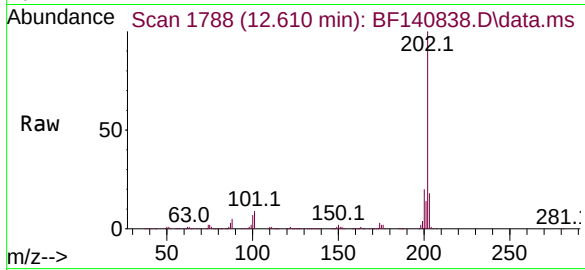




#75
Fluoranthene
Concen: 43.406 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

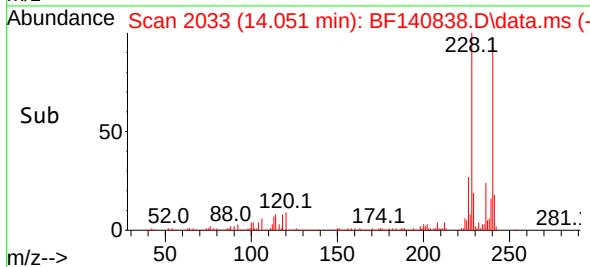
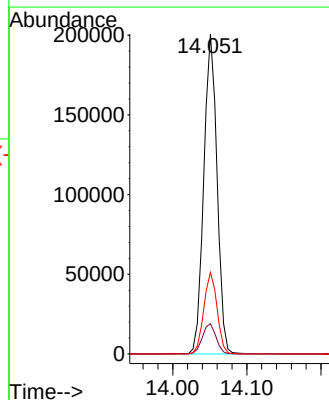
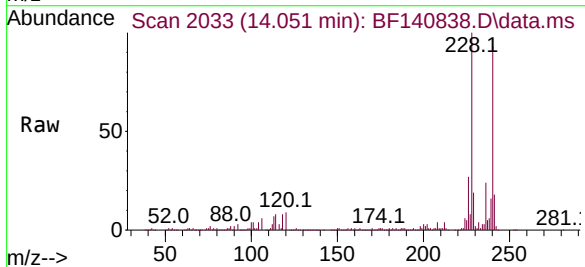
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

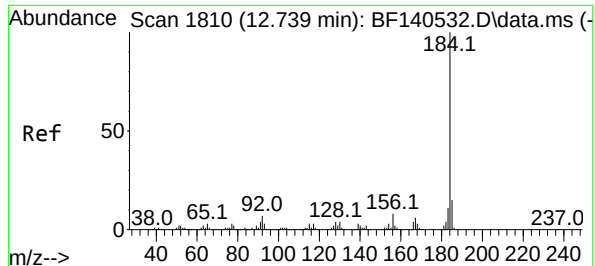
Tgt Ion:202 Resp: 891260
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:240 Resp: 249750
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.5 20.6 31.0





#77

Benzidine

Concen: 63.129 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

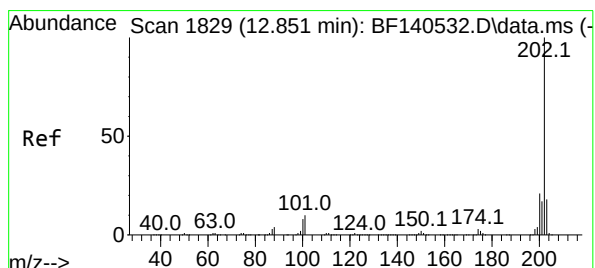
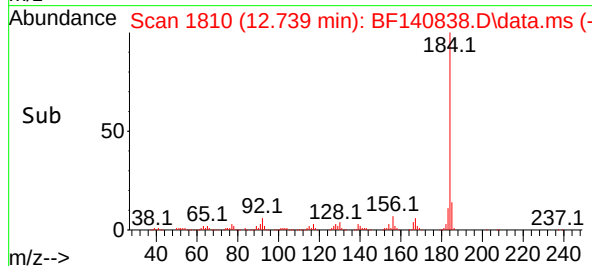
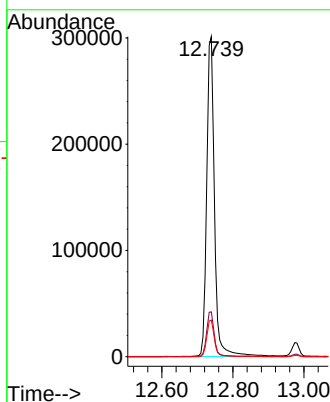
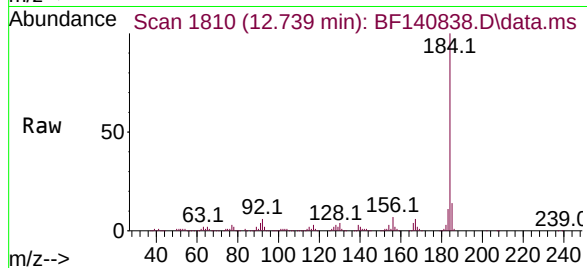
Tgt Ion:184 Resp: 458403

Ion Ratio Lower Upper

184 100

185 14.0 11.7 17.5

183 11.5 8.8 13.2



#78

Pyrene

Concen: 39.495 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

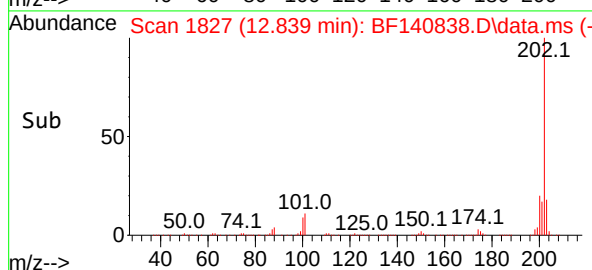
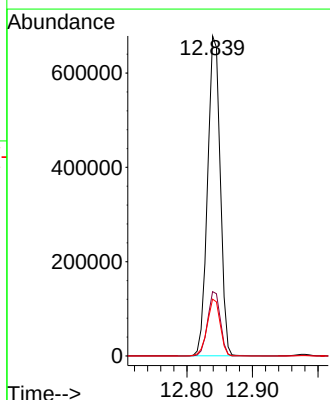
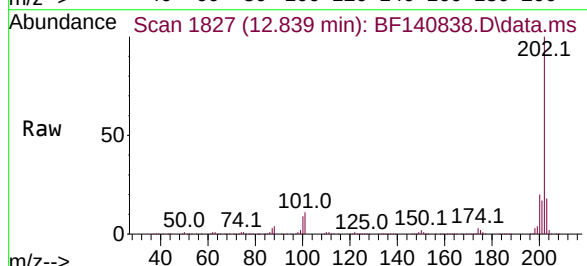
Tgt Ion:202 Resp: 912047

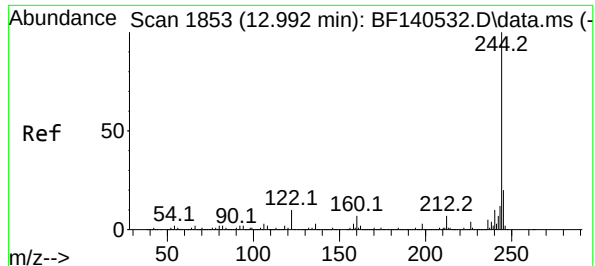
Ion Ratio Lower Upper

202 100

200 20.1 16.5 24.7

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 78.347 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

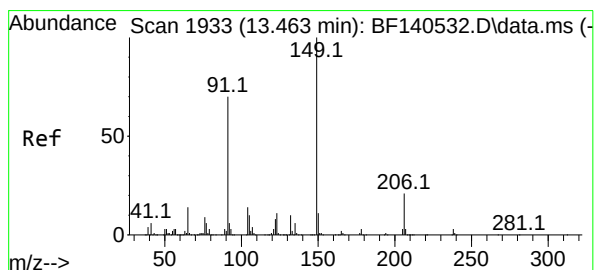
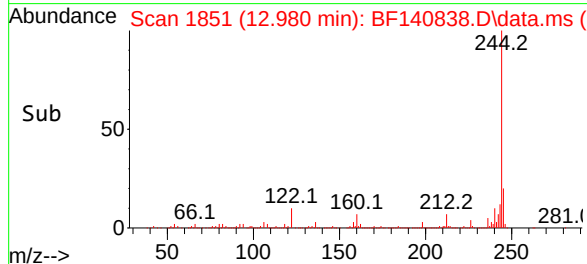
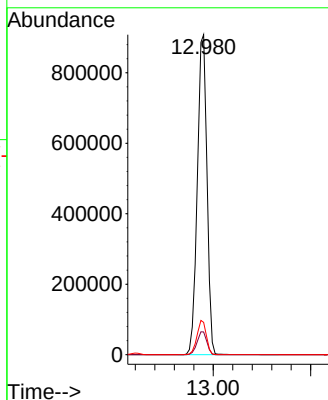
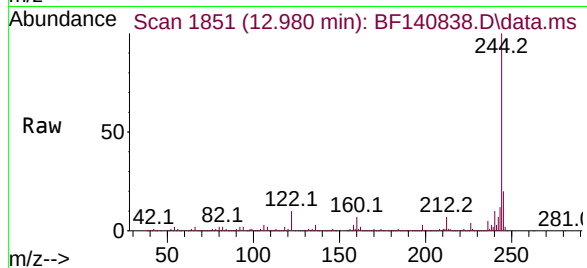
Tgt Ion:244 Resp: 1256618

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.1 8.0 12.0



#80

Butylbenzylphthalate

Concen: 38.152 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

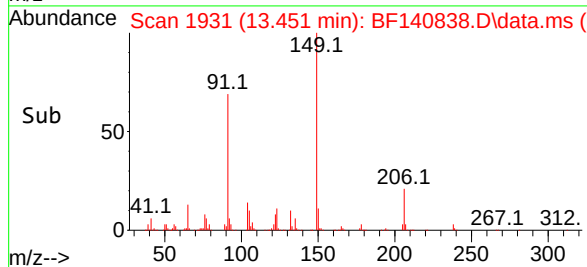
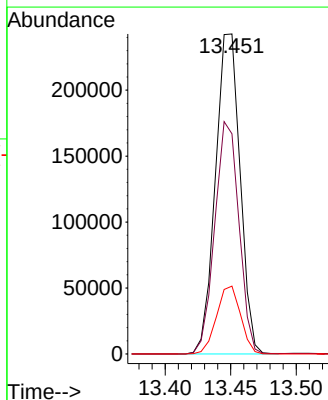
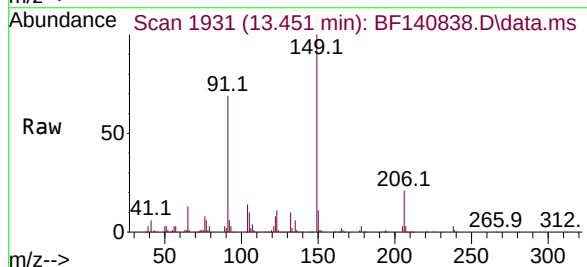
Tgt Ion:149 Resp: 317380

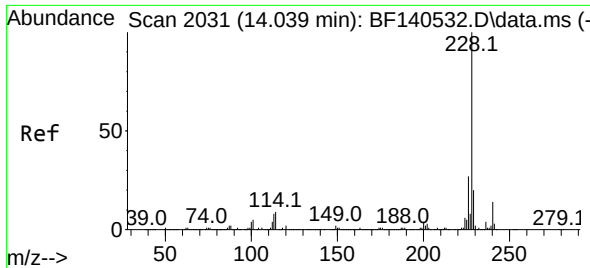
Ion Ratio Lower Upper

149 100

91 68.8 56.2 84.2

206 21.2 16.4 24.6

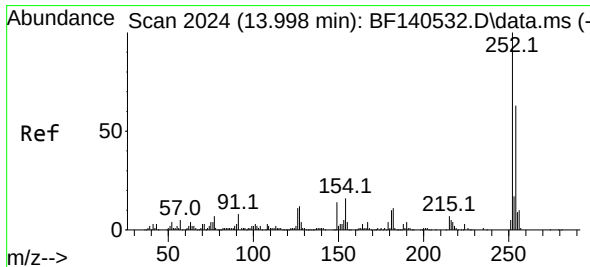
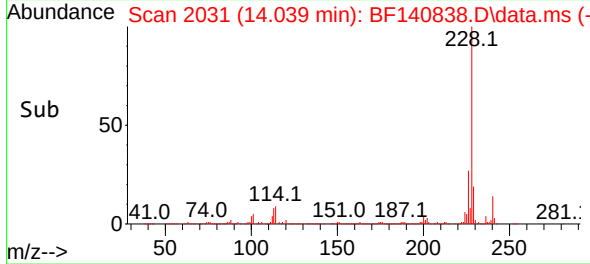
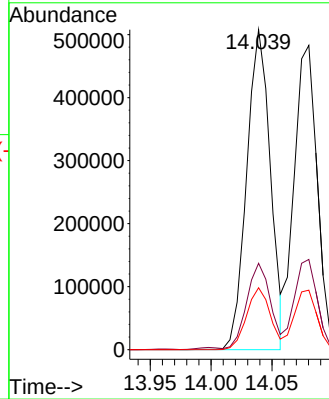
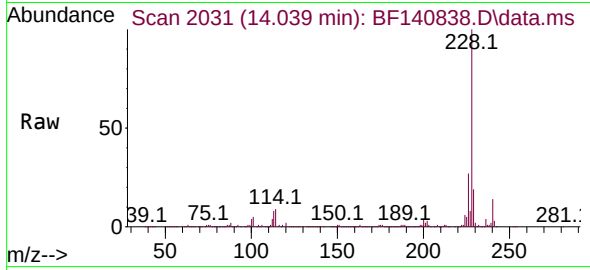




#81
Benzo(a)anthracene
Concen: 41.616 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

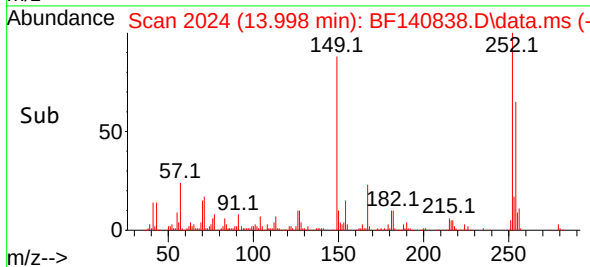
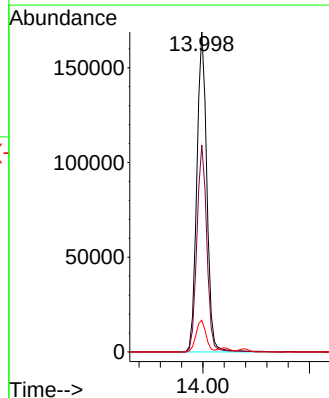
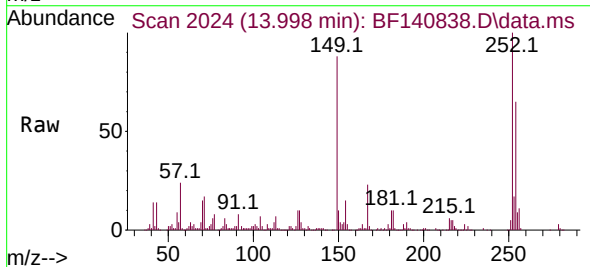
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

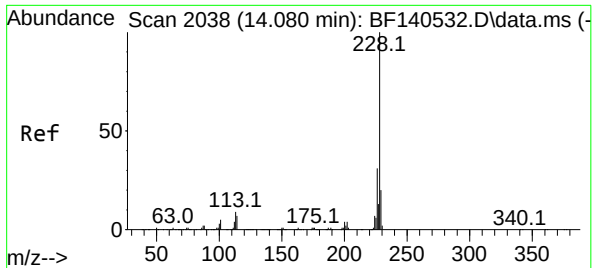
Tgt Ion:228 Resp: 688019
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.3 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 44.358 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:252 Resp: 220178
Ion Ratio Lower Upper
252 100
254 64.7 50.8 76.2
126 9.9 8.6 13.0

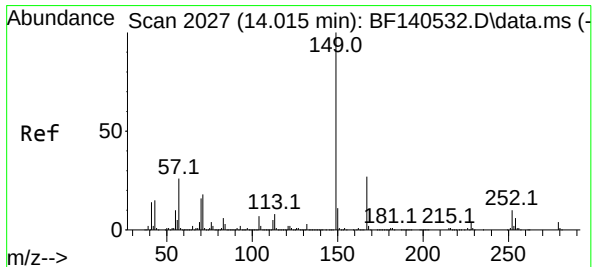
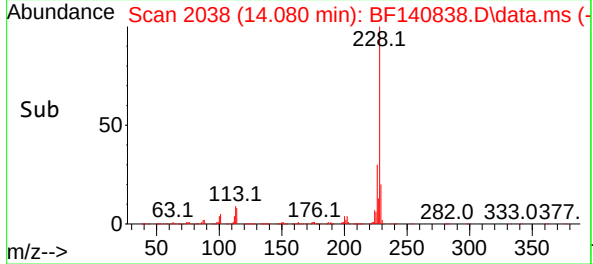
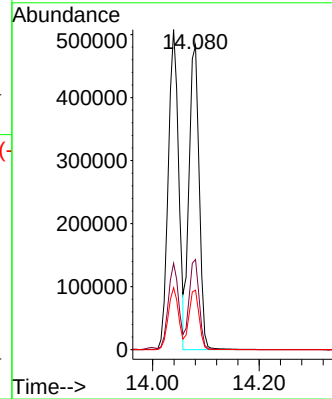
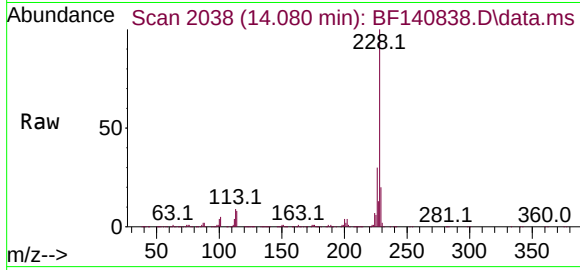




#83
Chrysene
Concen: 42.278 ng
RT: 14.080 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

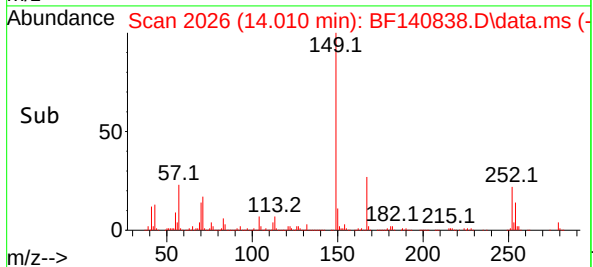
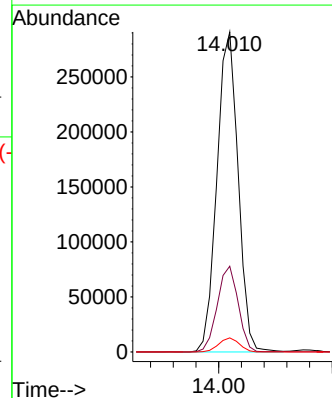
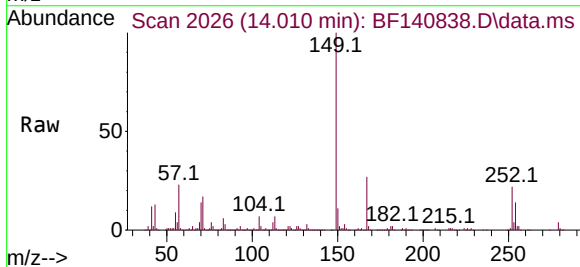
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

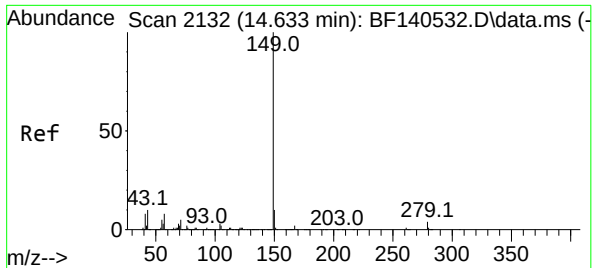
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.4	36.6
229	19.5	15.8	23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.885 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.2	31.8
279	4.4	3.2	4.8

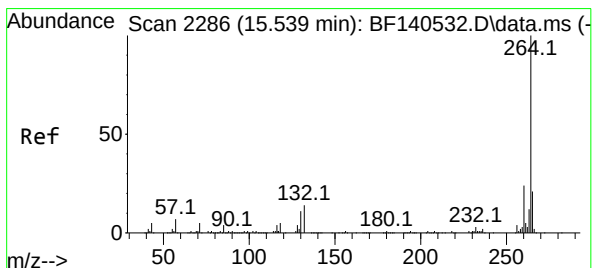
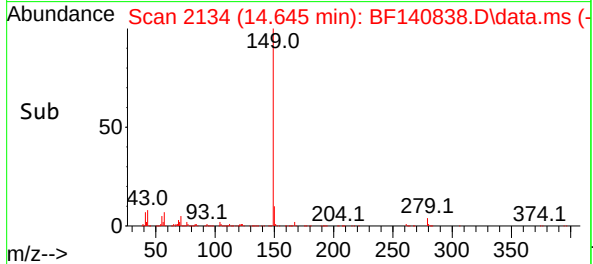
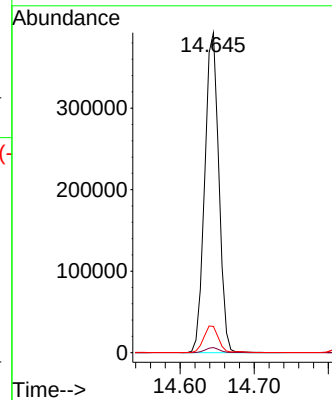
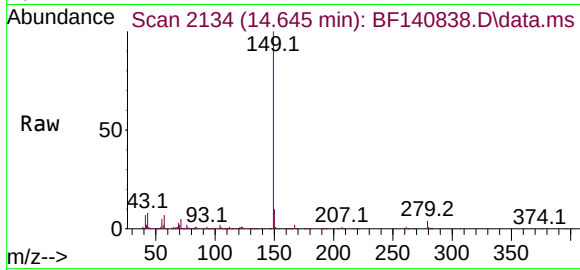




#85
Di-n-octyl phthalate
Concen: 36.229 ng
RT: 14.645 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

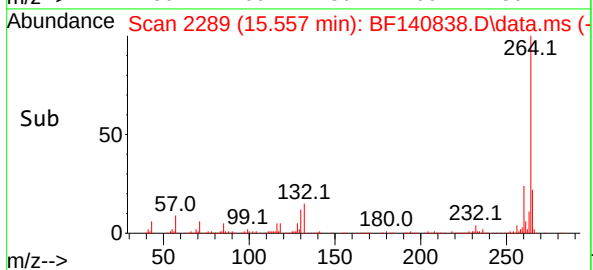
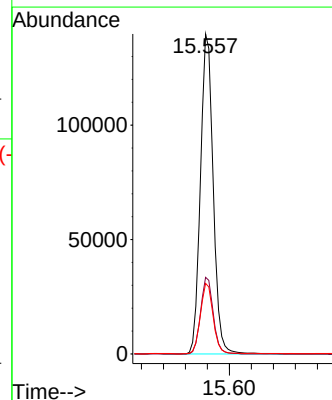
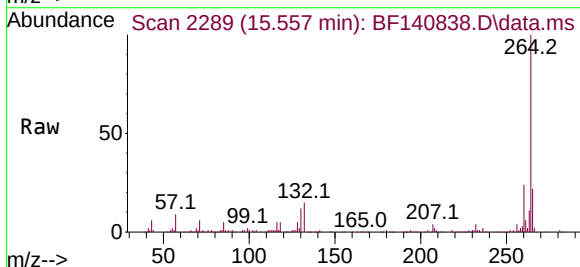
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

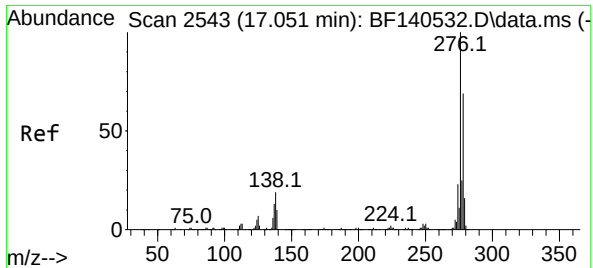
Tgt Ion:149 Resp: 520078
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:264 Resp: 225636
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 22.1 16.6 25.0

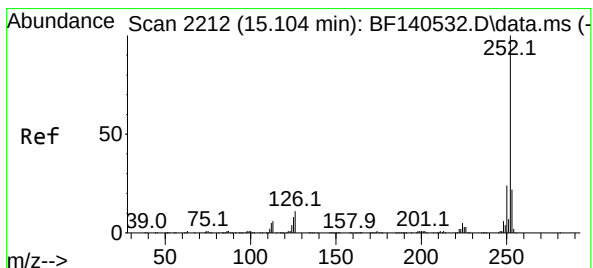
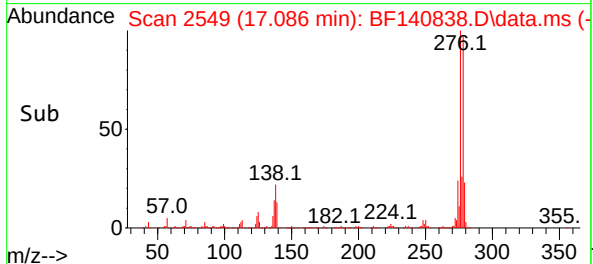
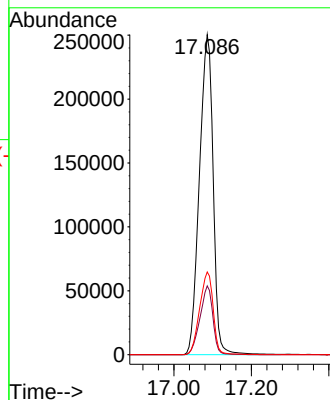
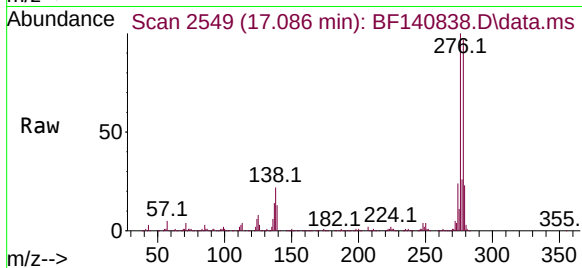




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.864 ng
 RT: 17.086 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF140838.D
 Acq: 13 Dec 2024 12:14

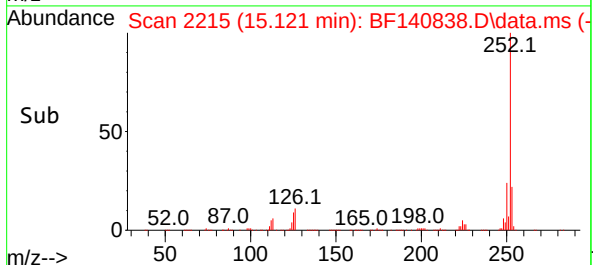
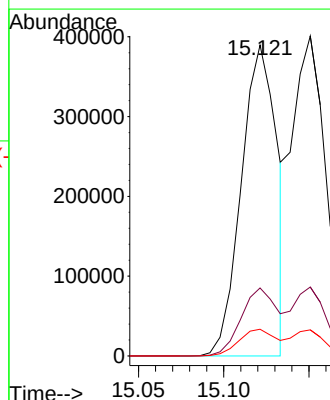
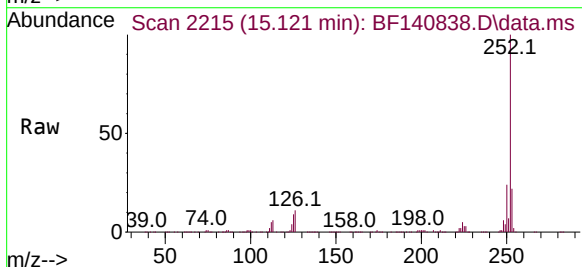
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

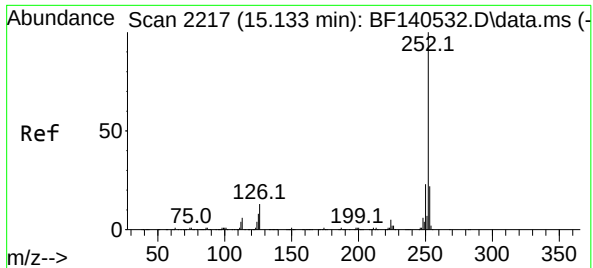
Tgt Ion:276 Resp: 615581
 Ion Ratio Lower Upper
 276 100
 138 20.1 15.5 23.3
 277 25.5 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 40.036 ng
 RT: 15.121 min Scan# 2215
 Delta R.T. 0.018 min
 Lab File: BF140838.D
 Acq: 13 Dec 2024 12:14

Tgt Ion:252 Resp: 567405
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.2 25.8
 125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 44.774 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

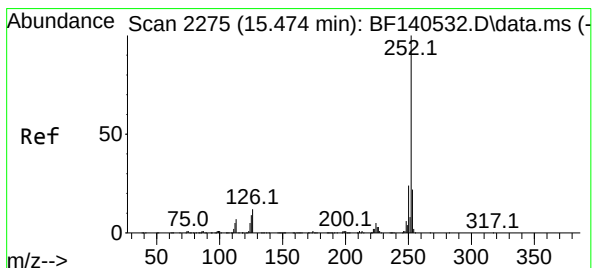
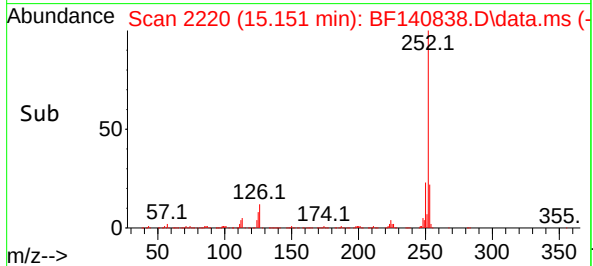
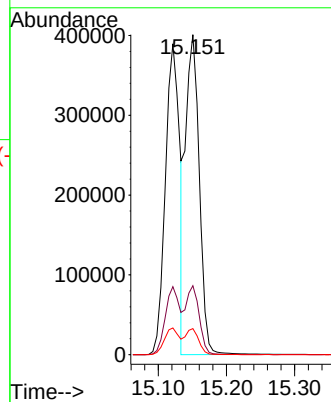
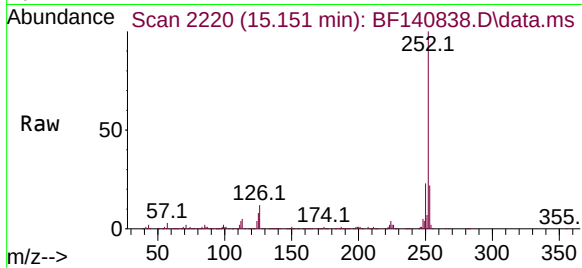
Tgt Ion:252 Resp: 555291

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.1 6.5 9.7



#90

Benzo(a)pyrene

Concen: 42.526 ng

RT: 15.498 min Scan# 2279

Delta R.T. 0.024 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

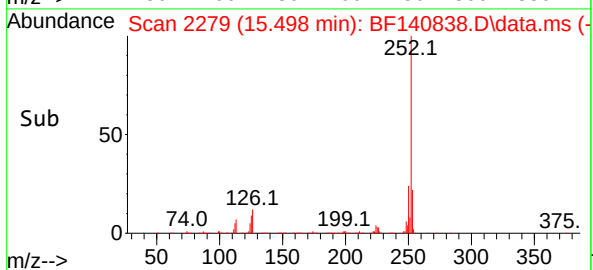
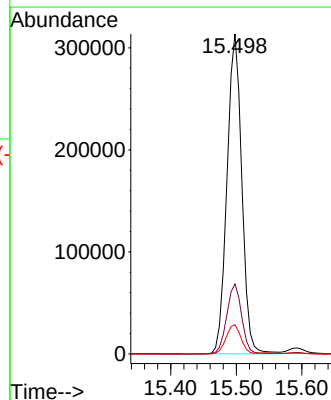
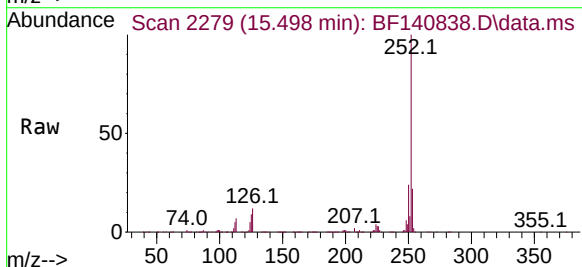
Tgt Ion:252 Resp: 490049

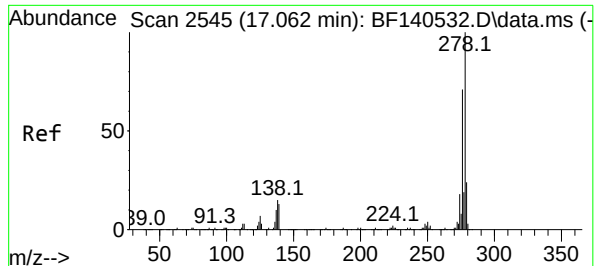
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.1 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 42.393 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

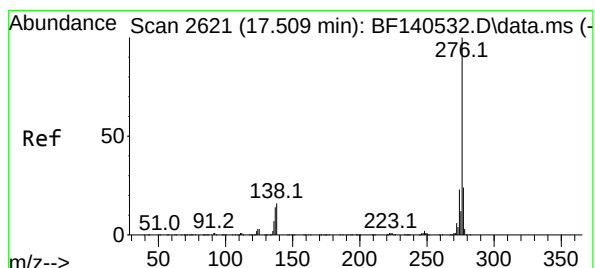
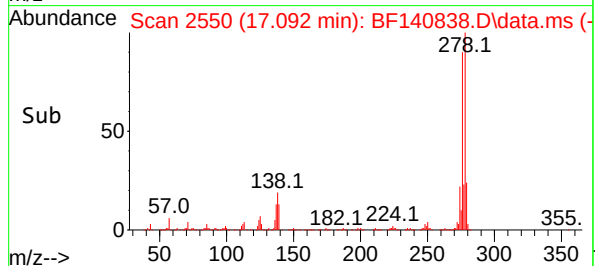
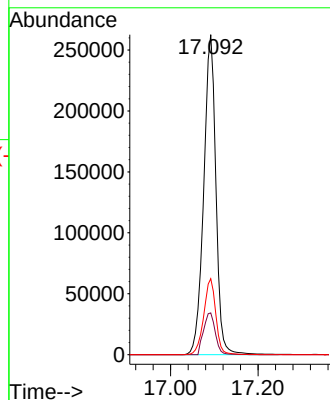
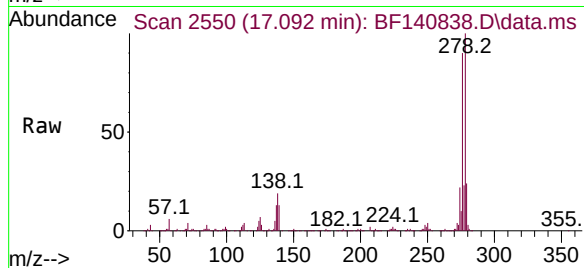
Tgt Ion:278 Resp: 510516

Ion Ratio Lower Upper

278 100

139 13.0 10.2 15.4

279 23.7 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 42.370 ng

RT: 17.545 min Scan# 2627

Delta R.T. 0.035 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

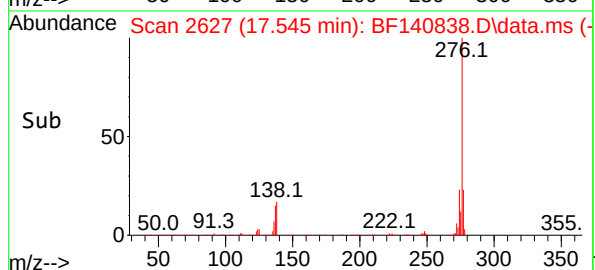
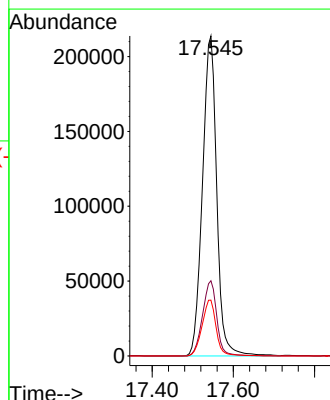
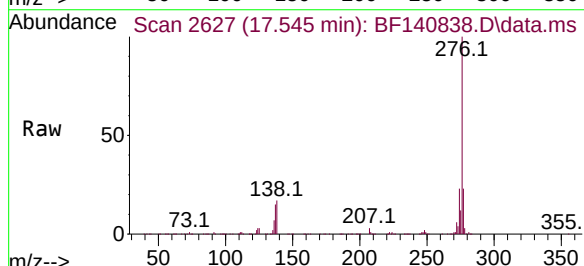
Tgt Ion:276 Resp: 520663

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 17.4 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140838.D
 Acq On : 13 Dec 2024 12:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 13 16:13:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	93	-0.02
2	1,4-Dioxane	0.493	0.479	2.8	91	-0.02
3	Pyridine	1.084	1.054	2.8	82	-0.01
4	n-Nitrosodimethylamine	0.637	0.599	6.0	86	-0.01
5 S	2-Fluorophenol	1.172	1.211	-3.3	96	0.00
6	Aniline	1.091	1.160	-6.3	86	-0.01
7 S	Phenol-d6	1.550	1.558	-0.5	90	0.00
8	2-Chlorophenol	1.261	1.310	-3.9	95	0.00
9	Benzaldehyde	0.820	0.762	7.1	96	-0.01
10 C	Phenol	1.583	1.609	-1.6	90	0.00
11	bis(2-Chloroethyl)ether	1.211	1.273	-5.1	95	-0.01
12	1,3-Dichlorobenzene	1.417	1.469	-3.7	97	-0.02
13 C	1,4-Dichlorobenzene	1.435	1.477	-2.9	96	-0.02
14	1,2-Dichlorobenzene	1.344	1.389	-3.3	95	-0.01
15	Benzyl Alcohol	1.149	1.132	1.5	86	0.00
16	2,2'-oxybis(1-Chloropropane	1.431	1.382	3.4	88	-0.01
17	2-Methylphenol	1.009	1.018	-0.9	91	0.00
18	Hexachloroethane	0.536	0.554	-3.4	96	-0.02
19 P	n-Nitroso-di-n-propylamine	0.916	0.906	1.1	89	0.00
20	3+4-Methylphenols	1.298	1.356	-4.5	94	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	89	-0.02
22	Acetophenone	0.488	0.499	-2.3	92	-0.01
23 S	Nitrobenzene-d5	0.391	0.398	-1.8	90	0.00
24	Nitrobenzene	0.404	0.405	-0.2	89	0.00
25	Isophorone	0.652	0.651	0.2	87	-0.01
26 C	2-Nitrophenol	0.179	0.194	-8.4	95	-0.01
27	2,4-Dimethylphenol	0.214	0.230	-7.5	91	0.00
28	bis(2-Chloroethoxy)methane	0.397	0.405	-2.0	90	-0.01
29 C	2,4-Dichlorophenol	0.284	0.300	-5.6	94	0.00
30	1,2,4-Trichlorobenzene	0.324	0.343	-5.9	96	-0.02
31	Naphthalene	1.030	1.068	-3.7	93	-0.02
32	Benzoic acid	0.164	0.270	-64.6#	135	0.04
33	4-Chloroaniline	0.308	0.339	-10.1	93	0.00
34 C	Hexachlorobutadiene	0.215	0.232	-7.9	97	-0.02
35	Caprolactam	0.088	0.090	-2.3	88	0.00
36 C	4-Chloro-3-methylphenol	0.318	0.334	-5.0	90	0.00
37	2-Methylnaphthalene	0.654	0.686	-4.9	94	-0.01
38	1-Methylnaphthalene	0.641	0.672	-4.8	93	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	87	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.586	0.612	-4.4	95	-0.01
41 P	Hexachlorocyclopentadiene	0.107	0.138	-29.0#	105	-0.01
42 S	2,4,6-Tribromophenol	0.214	0.232	-8.4	94	0.00
43 C	2,4,6-Trichlorophenol	0.367	0.369	-0.5	88	0.00
44	2,4,5-Trichlorophenol	0.399	0.415	-4.0	90	0.00
45 S	2-Fluorobiphenyl	1.342	1.390	-3.6	94	-0.02
46	1,1'-Biphenyl	1.493	1.567	-5.0	94	-0.01
47	2-Chloronaphthalene	1.131	1.192	-5.4	94	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140838.D
 Acq On : 13 Dec 2024 12:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 13 16:13:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	0.363	0.374	-3.0	89	0.00
49	Acenaphthylene	1.710	1.730	-1.2	91	-0.01
50	Dimethylphthalate	1.317	1.358	-3.1	91	-0.01
51	2,6-Dinitrotoluene	0.299	0.316	-5.7	92	0.00
52 C	Acenaphthene	1.086	1.116	-2.8	92	-0.01
53	3-Nitroaniline	0.292	0.314	-7.5	91	0.00
54 P	2,4-Dinitrophenol	0.122	0.200	-63.9#	125	0.00
55	Dibenzofuran	1.657	1.696	-2.4	91	-0.02
56 P	4-Nitrophenol	0.199	0.242	-21.6	102	0.01
57	2,4-Dinitrotoluene	0.397	0.420	-5.8	91	0.00
58	Fluorene	1.330	1.412	-6.2	95	-0.01
59	2,3,4,6-Tetrachlorophenol	0.306	0.351	-14.7	98	0.00
60	Diethylphthalate	1.338	1.383	-3.4	92	-0.01
61	4-Chlorophenyl-phenylether	0.653	0.696	-6.6	95	-0.01
62	4-Nitroaniline	0.306	0.336	-9.8	94	0.00
63	Azobenzene	1.267	1.276	-0.7	90	-0.02
64 I	Phenanthrene-d10	1.000	1.000	0.0	90	-0.01
65	4,6-Dinitro-2-methylphenol	0.102	0.129	-26.5#	105	0.00
66 c	n-Nitrosodiphenylamine	0.591	0.602	-1.9	94	-0.01
67	4-Bromophenyl-phenylether	0.206	0.215	-4.4	97	-0.02
68	Hexachlorobenzene	0.238	0.248	-4.2	95	-0.01
69	Atrazine	0.166	0.143	13.9	92	-0.01
70 C	Pentachlorophenol	0.105	0.108	-2.9	84	0.00
71	Phenanthrene	0.961	1.002	-4.3	95	-0.01
72	Anthracene	0.940	0.982	-4.5	96	-0.01
73	Carbazole	0.905	0.973	-7.5	98	-0.01
74	Di-n-butylphthalate	1.044	1.101	-5.5	97	-0.01
75 C	Fluoranthene	1.044	1.133	-8.5	100	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	104	0.00
77	Benzidine	0.581	0.918	-58.0#	167#	0.00
78	Pyrene	1.849	1.826	1.2	103	-0.01
79 S	Terphenyl-d14	1.284	1.258	2.0	102	-0.01
80	Butylbenzylphthalate	0.666	0.635	4.7	98	-0.01
81	Benzo(a)anthracene	1.324	1.377	-4.0	112	0.00
82	3,3'-Dichlorobenzidine	0.397	0.441	-11.1	111	0.00
83	Chrysene	1.211	1.280	-5.7	111	0.00
84	Bis(2-ethylhexyl)phthalate	0.841	0.755	10.2	95	0.00
85 c	Di-n-octyl phthalate	1.150	1.041	9.5	96	0.01
86 I	Perylene-d12	1.000	1.000	0.0	107	0.02
87	Indeno(1,2,3-cd)pyrene	1.303	1.364	-4.7	112	0.04
88	Benzo(b)fluoranthene	1.256	1.257	-0.1	113	0.02
89	Benzo(k)fluoranthene	1.099	1.231	-12.0	119	0.02
90 C	Benzo(a)pyrene	1.021	1.086	-6.4	115	0.02
91	Dibenzo(a,h)anthracene	1.067	1.131	-6.0	113	0.03
92	Benzo(g,h,i)perylene	1.089	1.154	-6.0	113	0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140838.D
Acq On : 13 Dec 2024 12:14
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 13 16:13:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140838.D
 Acq On : 13 Dec 2024 12:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 13 16:13:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	93	-0.02
2	1,4-Dioxane	40.000	38.887	2.8	91	-0.02
3	Pyridine	40.000	38.870	2.8	82	-0.01
4	n-Nitrosodimethylamine	40.000	37.604	6.0	86	-0.01
5 S	2-Fluorophenol	80.000	82.629	-3.3	96	0.00
6	Aniline	40.000	42.523	-6.3	86	-0.01
7 S	Phenol-d6	80.000	80.413	-0.5	90	0.00
8	2-Chlorophenol	40.000	41.550	-3.9	95	0.00
9	Benzaldehyde	40.000	37.130	7.2	96	-0.01
10 C	Phenol	40.000	40.669	-1.7	90	0.00
11	bis(2-Chloroethyl)ether	40.000	42.053	-5.1	95	-0.01
12	1,3-Dichlorobenzene	40.000	41.457	-3.6	97	-0.02
13 C	1,4-Dichlorobenzene	40.000	41.177	-2.9	96	-0.02
14	1,2-Dichlorobenzene	40.000	41.328	-3.3	95	-0.01
15	Benzyl Alcohol	40.000	39.403	1.5	86	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.645	3.4	88	-0.01
17	2-Methylphenol	40.000	40.351	-0.9	91	0.00
18	Hexachloroethane	40.000	41.357	-3.4	96	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	39.560	1.1	89	0.00
20	3+4-Methylphenols	40.000	41.814	-4.5	94	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	89	-0.02
22	Acetophenone	40.000	40.909	-2.3	92	-0.01
23 S	Nitrobenzene-d5	80.000	81.356	-1.7	90	0.00
24	Nitrobenzene	40.000	40.092	-0.2	89	0.00
25	Isophorone	40.000	39.954	0.1	87	-0.01
26 C	2-Nitrophenol	40.000	43.327	-8.3	95	-0.01
27	2,4-Dimethylphenol	40.000	42.880	-7.2	91	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.778	-1.9	90	-0.01
29 C	2,4-Dichlorophenol	40.000	42.325	-5.8	94	0.00
30	1,2,4-Trichlorobenzene	40.000	42.356	-5.9	96	-0.02
31	Naphthalene	40.000	41.459	-3.6	93	-0.02
32	Benzoic acid	40.000	56.516	-41.3#	135	0.04
33	4-Chloroaniline	40.000	44.020	-10.1	93	0.00
34 C	Hexachlorobutadiene	40.000	43.283	-8.2	97	-0.02
35	Caprolactam	40.000	40.986	-2.5	88	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.020	-5.1	90	0.00
37	2-Methylnaphthalene	40.000	41.936	-4.8	94	-0.01
38	1-Methylnaphthalene	40.000	41.891	-4.7	93	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	87	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	41.781	-4.5	95	-0.01
41 P	Hexachlorocyclopentadiene	40.000	45.407	-13.5	105	-0.01
42 S	2,4,6-Tribromophenol	80.000	86.950	-8.7	94	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.228	-0.6	88	0.00
44	2,4,5-Trichlorophenol	40.000	41.591	-4.0	90	0.00
45 S	2-Fluorobiphenyl	80.000	82.865	-3.6	94	-0.02
46	1,1'-Biphenyl	40.000	41.972	-4.9	94	-0.01
47	2-Chloronaphthalene	40.000	42.131	-5.3	94	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140838.D
 Acq On : 13 Dec 2024 12:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 13 16:13:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	41.225	-3.1	89	0.00
49	Acenaphthylene	40.000	40.487	-1.2	91	-0.01
50	Dimethylphthalate	40.000	41.245	-3.1	91	-0.01
51	2,6-Dinitrotoluene	40.000	42.355	-5.9	92	0.00
52 C	Acenaphthene	40.000	41.094	-2.7	92	-0.01
53	3-Nitroaniline	40.000	43.047	-7.6	91	0.00
54 P	2,4-Dinitrophenol	40.000	54.487	-36.2#	125	0.00
55	Dibenzofuran	40.000	40.948	-2.4	91	-0.02
56 P	4-Nitrophenol	40.000	48.594	-21.5	102	0.01
57	2,4-Dinitrotoluene	40.000	42.336	-5.8	91	0.00
58	Fluorene	40.000	42.469	-6.2	95	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	45.759	-14.4	98	0.00
60	Diethylphthalate	40.000	41.345	-3.4	92	-0.01
61	4-Chlorophenyl-phenylether	40.000	42.642	-6.6	95	-0.01
62	4-Nitroaniline	40.000	43.826	-9.6	94	0.00
63	Azobenzene	40.000	40.275	-0.7	90	-0.02
64 I	Phenanthrene-d10	20.000	20.000	0.0	90	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	50.379	-25.9#	105	0.00
66 c	n-Nitrosodiphenylamine	40.000	40.739	-1.8	94	-0.01
67	4-Bromophenyl-phenylether	40.000	41.771	-4.4	97	-0.02
68	Hexachlorobenzene	40.000	41.539	-3.8	95	-0.01
69	Atrazine	40.000	34.261	14.3	92	-0.01
70 C	Pentachlorophenol	40.000	41.203	-3.0	84	0.00
71	Phenanthrene	40.000	41.672	-4.2	95	-0.01
72	Anthracene	40.000	41.764	-4.4	96	-0.01
73	Carbazole	40.000	43.008	-7.5	98	-0.01
74	Di-n-butylphthalate	40.000	42.152	-5.4	97	-0.01
75 C	Fluoranthene	40.000	43.406	-8.5	100	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	104	0.00
77	Benzydine	40.000	63.129	-57.8#	167	0.00
78	Pyrene	40.000	39.495	1.3	103	-0.01
79 S	Terphenyl-d14	80.000	78.347	2.1	102	-0.01
80	Butylbenzylphthalate	40.000	38.152	4.6	98	-0.01
81	Benzo(a)anthracene	40.000	41.616	-4.0	112	0.00
82	3,3'-Dichlorobenzidine	40.000	44.358	-10.9	111	0.00
83	Chrysene	40.000	42.278	-5.7	111	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	35.885	10.3	95	0.00
85 c	Di-n-octyl phthalate	40.000	36.229	9.4	96	0.01
86 I	Perylene-d12	20.000	20.000	0.0	107	0.02
87	Indeno(1,2,3-cd)pyrene	40.000	41.864	-4.7	112	0.04
88	Benzo(b)fluoranthene	40.000	40.036	-0.1	113	0.02
89	Benzo(k)fluoranthene	40.000	44.774	-11.9	119	0.02
90 C	Benzo(a)pyrene	40.000	42.526	-6.3	115	0.02
91	Dibenzo(a,h)anthracene	40.000	42.393	-6.0	113	0.03
92	Benzo(g,h,i)perylene	40.000	42.370	-5.9	113	0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140838.D
Acq On : 13 Dec 2024 12:14
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 13 16:13:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 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



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.: P5270 SAS No.: P5270 SDG No.: P5270

Instrument ID: BNA_F Calibration Date/Time: 12/17/2024 09:24

Lab File ID: BF140872.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	1.279		5.3	
Benzaldehyde	0.892	0.877		-1.7	
Phenol-d6	1.609	1.590		-1.2	
Phenol	1.668	1.641		-1.6	20.0
bis(2-Chloroethyl)ether	1.244	1.251		0.6	
2-Chlorophenol	1.325	1.299		-2.0	
2-Methylphenol	1.058	1.040		-1.7	
2,2-oxybis(1-Chloropropane)	1.465	1.450		-1.0	
Acetophenone	0.500	0.502		0.4	
3+4-Methylphenols	1.403	1.341		-4.4	
n-Nitroso-di-n-propylamine	0.965	0.923	0.050	-4.4	
Nitrobenzene-d5	0.400	0.396		-1.0	
Hexachloroethane	0.570	0.537		-5.8	
Nitrobenzene	0.410	0.404		-1.5	
Isophorone	0.670	0.665		-0.7	
2-Nitrophenol	0.189	0.188		-0.5	20.0
2,4-Dimethylphenol	0.220	0.222		0.9	
bis(2-Chloroethoxy)methane	0.418	0.417		-0.2	
2,4-Dichlorophenol	0.304	0.300		-1.3	20.0
Naphthalene	1.099	1.077		-2.0	
4-Chloroaniline	0.365	0.357		-2.2	
Hexachlorobutadiene	0.235	0.225		-4.3	20.0
Caprolactam	0.091	0.094		3.3	
4-Chloro-3-methylphenol	0.342	0.335		-2.0	20.0
2-Methylnaphthalene	0.727	0.706		-2.9	
Hexachlorocyclopentadiene	0.153	0.109	0.050	-28.8	
2,4,6-Trichlorophenol	0.376	0.371		-1.3	20.0
2-Fluorobiphenyl	1.455	1.400		-3.8	
2,4,5-Trichlorophenol	0.414	0.403		-2.7	
1,1-Biphenyl	1.590	1.539		-3.2	
2-Chloronaphthalene	1.217	1.170		-3.9	
2-Nitroaniline	0.367	0.362		-1.4	
Dimethylphthalate	1.410	1.364		-3.3	
Acenaphthylene	1.788	1.723		-3.6	
2,6-Dinitrotoluene	0.322	0.317		-1.6	
3-Nitroaniline	0.320	0.317		-0.9	
Acenaphthene	1.142	1.100		-3.7	20.0
2,4-Dinitrophenol	0.132	0.109	0.050	-17.4	
4-Nitrophenol	0.150	0.135	0.050	-10.0	



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.: P5270 SAS No.: P5270 SDG No.: P5270

Instrument ID: BNA_F Calibration Date/Time: 12/17/2024 09:24

Lab File ID: BF140872.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	1.659		-6.3	
2,4-Dinitrotoluene	0.424	0.415		-2.1	
Diethylphthalate	1.462	1.313		-10.2	
4-Chlorophenyl-phenylether	0.733	0.650		-11.3	
Fluorene	1.460	1.278		-12.5	
4-Nitroaniline	0.334	0.302		-9.6	
4,6-Dinitro-2-methylphenol	0.113	0.113		0.0	
n-Nitrosodiphenylamine	0.615	0.609		-1.0	20.0
2,4,6-Tribromophenol	0.237	0.213		-10.1	
4-Bromophenyl-phenylether	0.224	0.220		-1.8	
Hexachlorobenzene	0.254	0.253		-0.4	
Atrazine	0.172	0.166		-3.5	
Pentachlorophenol	0.093	0.086		-7.5	20.0
Phenanthrene	1.028	0.993		-3.4	
Anthracene	1.013	0.986		-2.7	
Carbazole	0.992	0.936		-5.6	
Di-n-butylphthalate	1.164	1.145		-1.6	
Fluoranthene	1.184	1.109		-6.3	20.0
Pyrene	1.779	1.616		-9.2	
Terphenyl-d14	1.268	1.166		-8.0	
Butylbenzylphthalate	0.654	0.651		-0.5	
3,3-Dichlorobenzidine	0.428	0.418		-2.3	
Benzo (a) anthracene	1.417	1.362		-3.9	
Chrysene	1.289	1.257		-2.5	
Bis(2-ethylhexyl)phthalate	0.844	0.907		7.5	
Di-n-octyl phthalate	1.277	1.409		10.3	20.0
Benzo (b) fluoranthene	1.388	1.455		4.8	
Benzo (k) fluoranthene	1.191	1.060		-11.0	
Benzo (a) pyrene	1.087	1.062		-2.3	20.0
Indeno (1,2,3-cd) pyrene	1.248	1.445		15.8	
Dibenzo (a,h) anthracene	1.034	1.206		16.6	
Benzo (g,h,i) perylene	1.052	1.208		14.8	
1,2,4,5-Tetrachlorobenzene	0.615	0.603		-2.0	
1,4-Dioxane	0.523	0.457		-12.6	20.0
2,3,4,6-Tetrachlorophenol	0.337	0.322		-4.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140872.D
 Acq On : 17 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 17 09:45:23 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	80900	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	293024	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	171346	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	305119	20.000	ng	0.00
76) Chrysene-d12	14.027	240	214494	20.000	ng	0.00
86) Perylene-d12	15.521	264	199592	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	413757	84.193	ng	0.00
7) Phenol-d6	6.498	99	514513	79.044	ng	0.00
23) Nitrobenzene-d5	7.416	82	464348	79.283	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	146313	72.199	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	959748	77.008	ng	0.00
79) Terphenyl-d14	12.957	244	1000739	73.570	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	73928	34.924	ng	99
3) Pyridine	3.375	79	206893	42.204	ng	97
4) n-Nitrosodimethylamine	3.328	42	95781	38.757	ng	93
6) Aniline	6.516	93	216814	38.957	ng	98
8) 2-Chlorophenol	6.646	128	210139	39.211	ng	99
9) Benzaldehyde	6.410	77	141884	39.340	ng	98
10) Phenol	6.510	94	265444	39.347	ng	99
11) bis(2-Chloroethyl)ether	6.587	93	202408	40.231	ng	99
12) 1,3-Dichlorobenzene	6.793	146	240606	39.401	ng	98
13) 1,4-Dichlorobenzene	6.869	146	242952	39.194	ng	99
14) 1,2-Dichlorobenzene	7.022	146	227459	38.892	ng	99
15) Benzyl Alcohol	6.998	79	181928	39.090	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	234637	39.589	ng	98
17) 2-Methylphenol	7.116	107	168251	39.323	ng	99
18) Hexachloroethane	7.357	117	86943	37.677	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	149405	38.265	ng	100
20) 3+4-Methylphenols	7.269	107	217025	38.252	ng	100
22) Acetophenone	7.263	105	294268	40.145	ng	99
24) Nitrobenzene	7.434	77	236583	39.430	ng	98
25) Isophorone	7.675	82	389913	39.733	ng	100
26) 2-Nitrophenol	7.751	139	110281	39.907	ng	100
27) 2,4-Dimethylphenol	7.793	122	130275	40.367	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	244546	39.898	ng	99
29) 2,4-Dichlorophenol	7.998	162	175621	39.416	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	202643	39.674	ng	98
31) Naphthalene	8.151	128	631448	39.230	ng	100
32) Benzoic acid	7.934	122	115124	37.613	ng	99
33) 4-Chloroaniline	8.204	127	209212	39.135	ng	99
34) Hexachlorobutadiene	8.263	225	131706	38.326	ng	99
35) Caprolactam	8.587	113	55005	41.467	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	196513	39.186	ng	99
37) 2-Methylnaphthalene	8.840	142	414033	38.885	ng	99
38) 1-Methylnaphthalene	8.940	142	408081	38.753	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	206485	39.207	ng	99
41) Hexachlorocyclopentadiene	8.987	237	37471	33.129	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	127096	39.412	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140872.D
 Acq On : 17 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 17 09:45:23 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

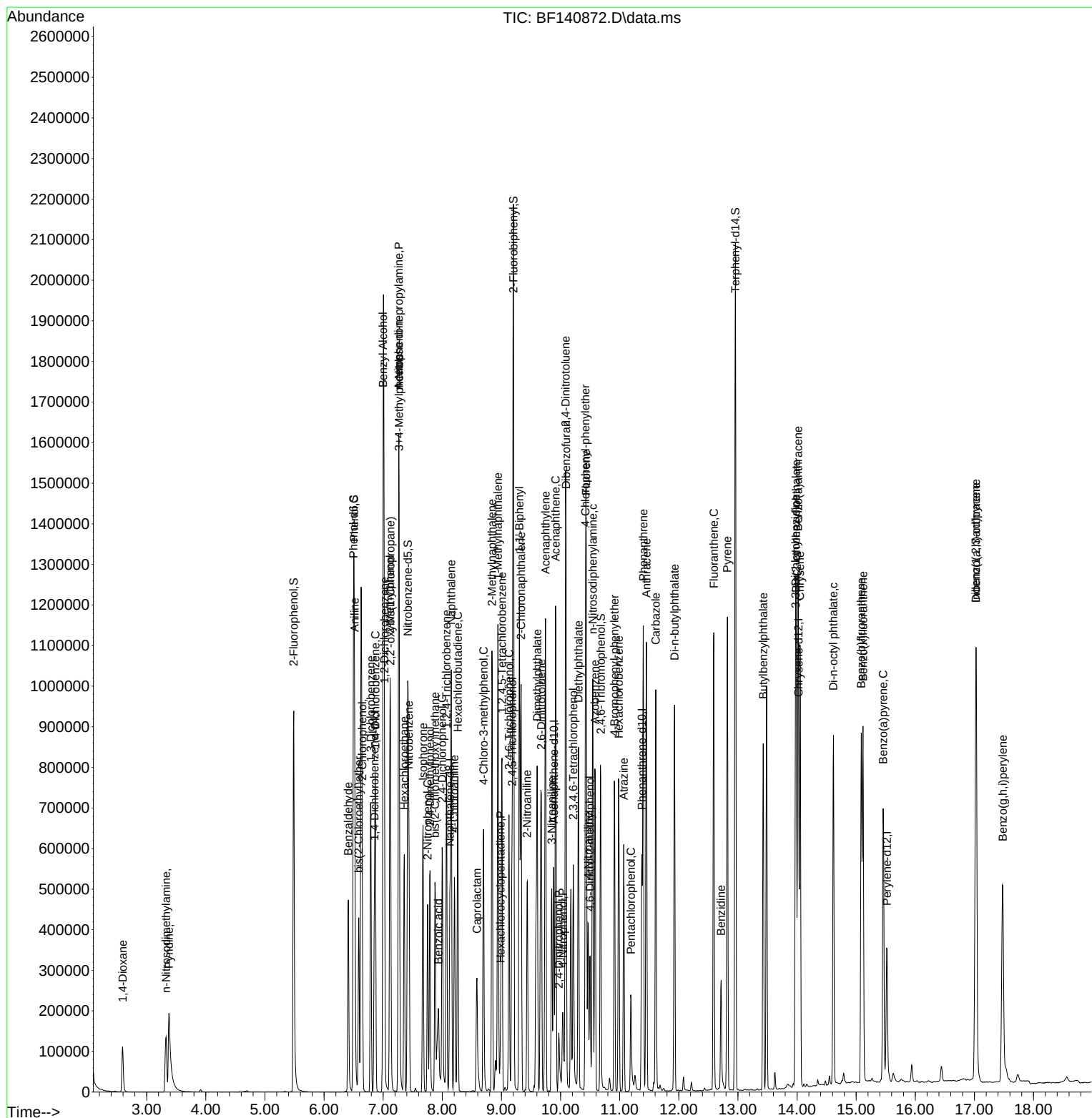
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	138117	38.966	ng	100
46) 1,1'-Biphenyl	9.304	154	527541	38.718	ng	100
47) 2-Chloronaphthalene	9.334	162	401095	38.480	ng	99
48) 2-Nitroaniline	9.434	65	123983	39.385	ng	99
49) Acenaphthylene	9.745	152	590393	38.543	ng	100
50) Dimethylphthalate	9.604	163	467456	38.696	ng	100
51) 2,6-Dinitrotoluene	9.675	165	108802	39.397	ng	98
52) Acenaphthene	9.916	154	376933	38.522	ng	98
53) 3-Nitroaniline	9.851	138	108802	39.699	ng	96
54) 2,4-Dinitrophenol	9.969	184	37206	31.895	ng	98
55) Dibenzofuran	10.092	168	568600	37.501	ng	99
56) 4-Nitrophenol	10.039	139	46205	34.044	ng	97
57) 2,4-Dinitrotoluene	10.086	165	142147	39.120	ng	99
58) Fluorene	10.434	166	438004	35.016	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	110282	38.183	ng	100
60) Diethylphthalate	10.304	149	449852	35.911	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	222856	35.468	ng	98
62) 4-Nitroaniline	10.469	138	103630	36.184	ng	96
63) Azobenzene	10.581	77	416040	35.327	ng	100
65) 4,6-Dinitro-2-methylph...	10.498	198	68959	39.884	ng	97
66) n-Nitrosodiphenylamine	10.545	169	371719	39.625	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	134296	39.343	ng	100
68) Hexachlorobenzene	10.986	284	154263	39.860	ng	98
69) Atrazine	11.069	200	101496	38.739	ng	98
70) Pentachlorophenol	11.192	266	52188	36.883	ng	99
71) Phenanthrene	11.398	178	605957	38.619	ng	100
72) Anthracene	11.451	178	601930	38.955	ng	100
73) Carbazole	11.610	167	571386	37.753	ng	100
74) Di-n-butylphthalate	11.928	149	698939	39.349	ng	100
75) Fluoranthene	12.592	202	676693	37.448	ng	99
77) Benzidine	12.716	184	165063	37.705	ng	99
78) Pyrene	12.822	202	693296	36.348	ng	100
80) Butylbenzylphthalate	13.427	149	279336	39.801	ng	100
81) Benzo(a)anthracene	14.016	228	584415	38.444	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	179277	39.088	ng	98
83) Chrysene	14.051	228	539142	39.002	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	389128	42.999	ng	99
85) Di-n-octyl phthalate	14.616	149	604409	44.146	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	576644	46.297	ng	100
88) Benzo(b)fluoranthene	15.086	252	580797	41.921	ng	100
89) Benzo(k)fluoranthene	15.116	252	423225	35.611	ng	100
90) Benzo(a)pyrene	15.457	252	424036	39.087	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	481595	46.673	ng	98
92) Benzo(g,h,i)perylene	17.480	276	482409	45.935	ng	99

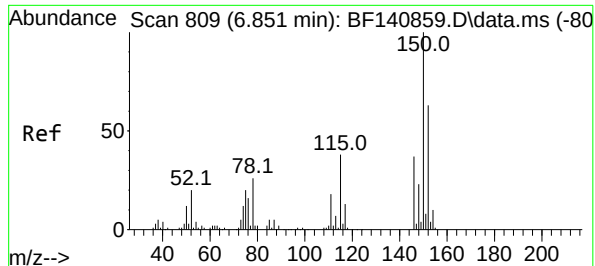
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\svoausrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140872.D
Acq On    : 17 Dec 2024  09:24
Operator  : RC/JU
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2    Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 17 09:45:23 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

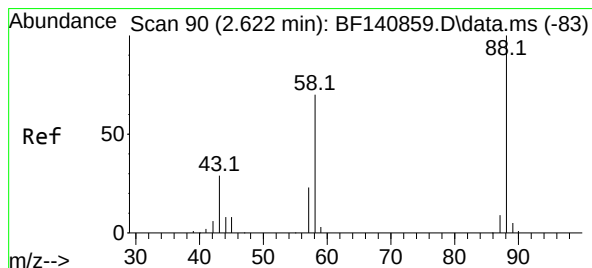
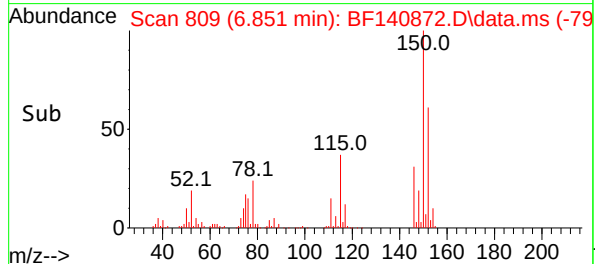
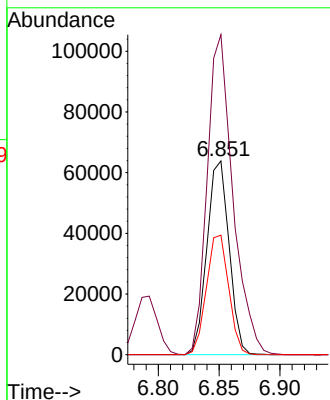
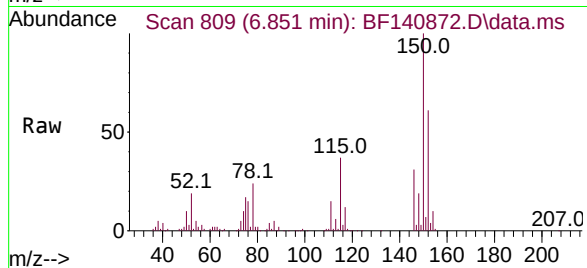




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

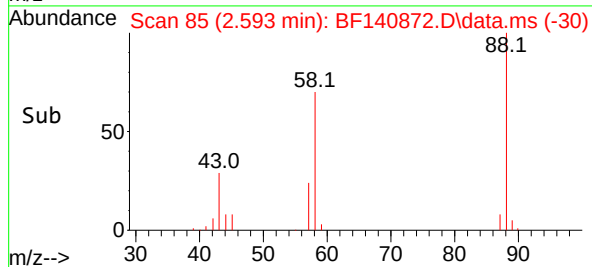
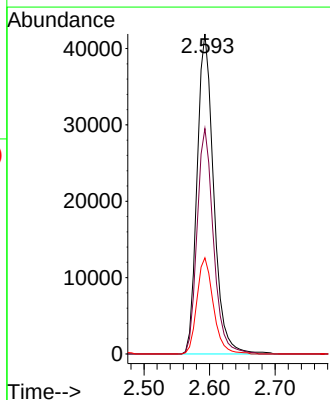
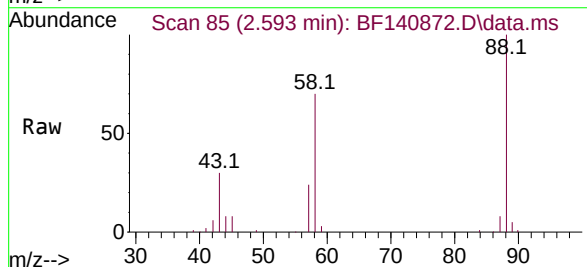
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

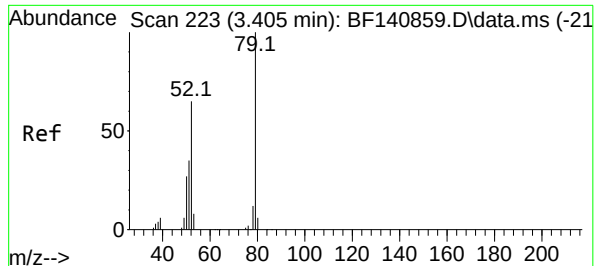
Tgt Ion:152 Resp: 80900
Ion Ratio Lower Upper
152 100
150 165.2 127.9 191.9
115 61.7 48.0 72.0



#2
1,4-Dioxane
Concen: 34.924 ng
RT: 2.593 min Scan# 85
Delta R.T. -0.029 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion: 88 Resp: 73928
Ion Ratio Lower Upper
88 100
58 69.4 55.8 83.8
43 29.8 22.7 34.1





#3

Pyridine

Concen: 42.204 ng

RT: 3.375 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

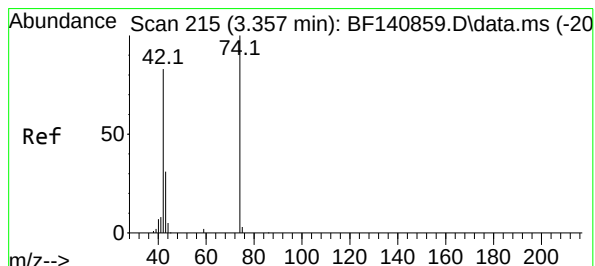
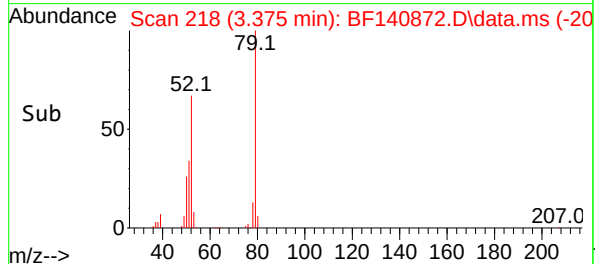
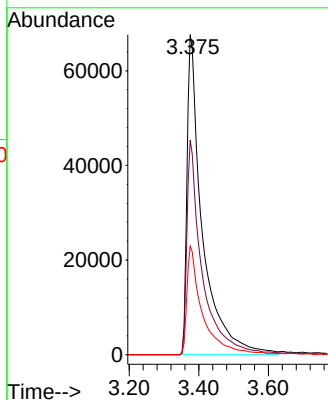
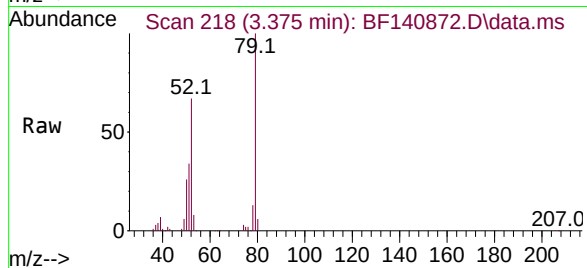
Tgt Ion: 79 Resp: 206893

Ion Ratio Lower Upper

79 100

52 67.1 51.7 77.5

51 33.9 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 38.757 ng

RT: 3.328 min Scan# 210

Delta R.T. -0.029 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

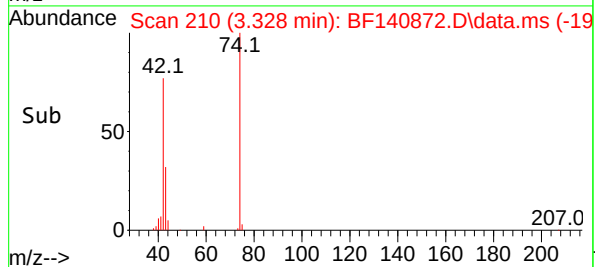
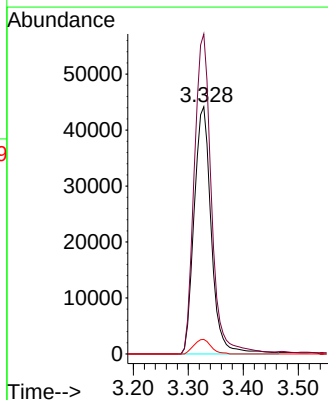
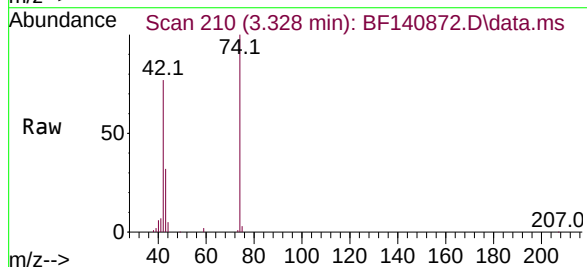
Tgt Ion: 42 Resp: 95781

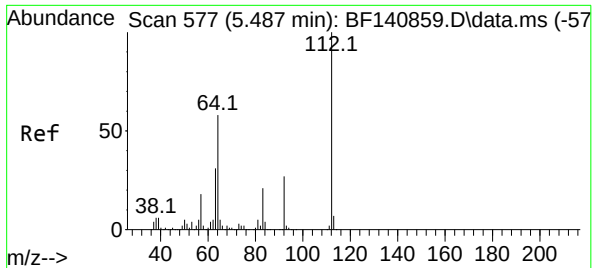
Ion Ratio Lower Upper

42 100

74 129.5 96.9 145.3

44 5.9 4.4 6.6

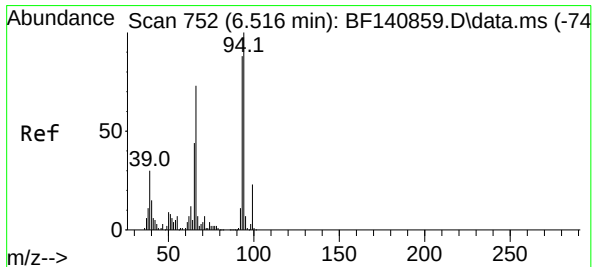
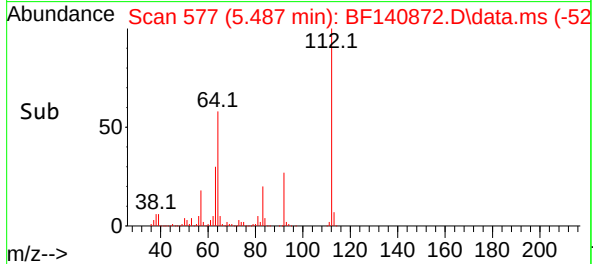
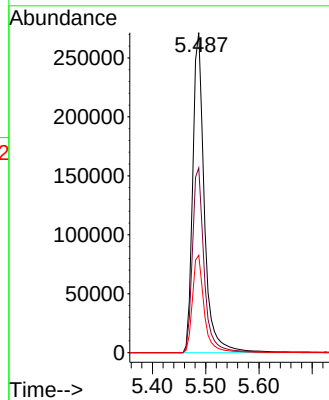
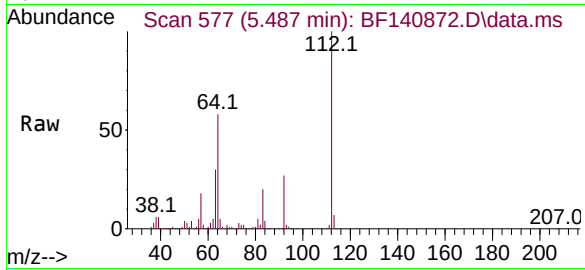




#5
2-Fluorophenol
Concen: 84.193 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

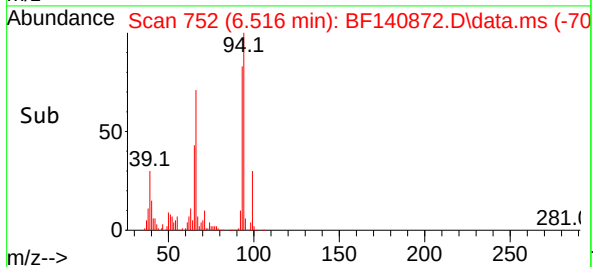
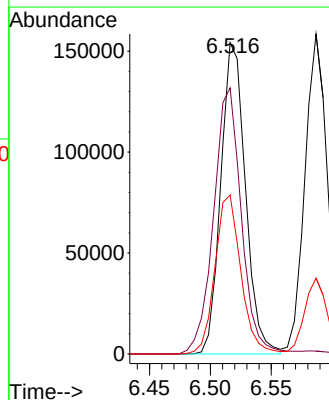
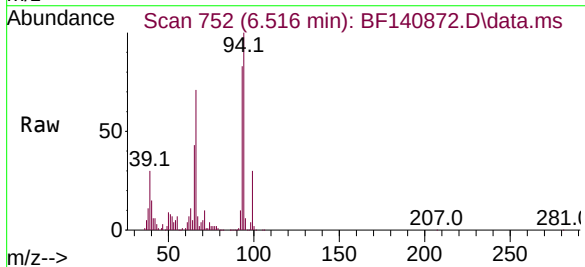
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

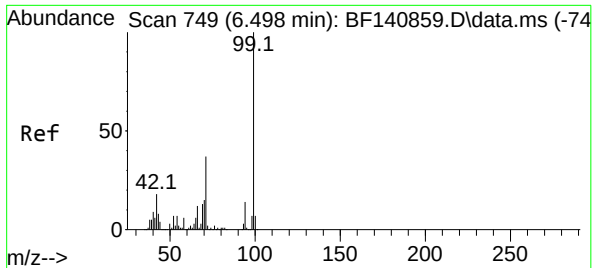
Tgt Ion: 112 Resp: 413757
Ion Ratio Lower Upper
112 100
64 57.8 46.1 69.1
63 30.5 24.9 37.3



#6
Aniline
Concen: 38.957 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion: 93 Resp: 216814
Ion Ratio Lower Upper
93 100
66 85.5 67.0 100.4
65 51.0 40.4 60.6

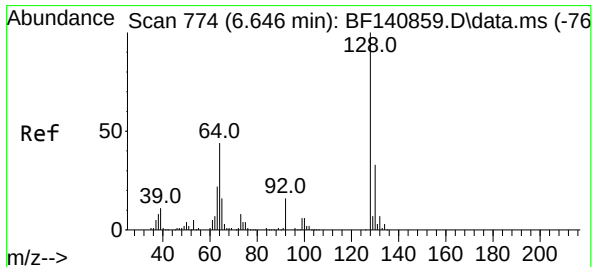
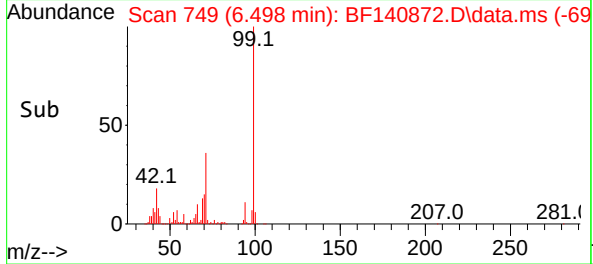
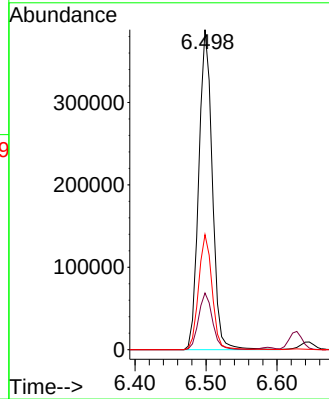
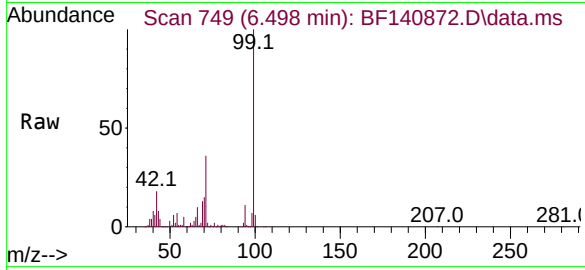




#7
Phenol-d6
Concen: 79.044 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

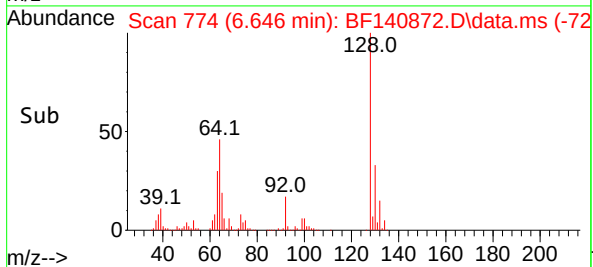
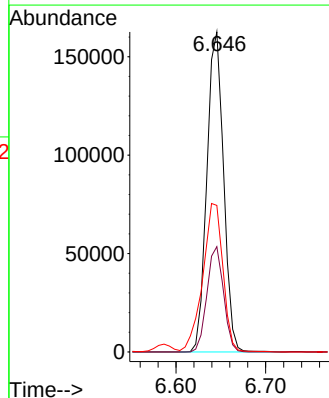
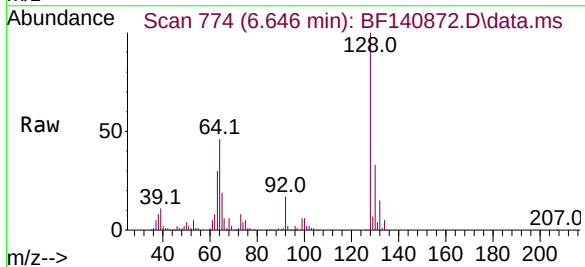
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

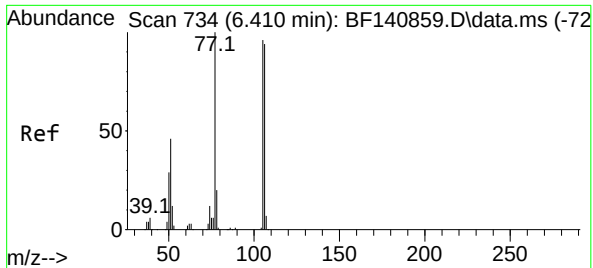
Tgt Ion: 99 Resp: 514513
Ion Ratio Lower Upper
99 100
42 17.7 14.3 21.5
71 36.0 29.9 44.9



#8
2-Chlorophenol
Concen: 39.211 ng
RT: 6.646 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion: 128 Resp: 210139
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 45.8 24.3 64.3





#9

Benzaldehyde

Concen: 39.340 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

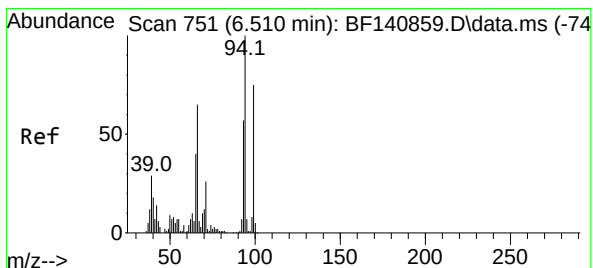
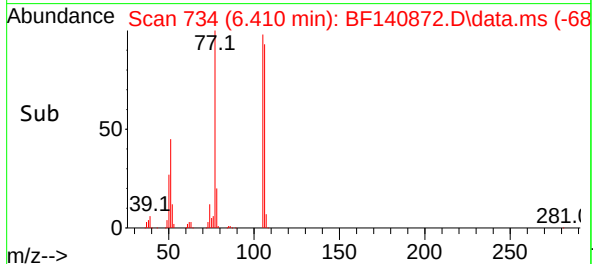
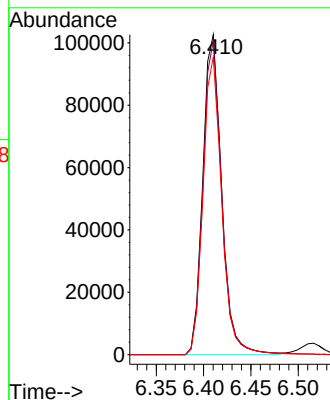
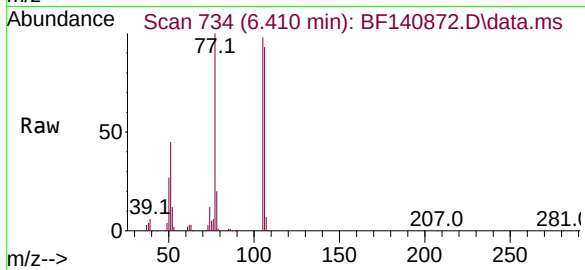
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 141884

Ion	Ratio	Lower	Upper
77	100		
105	98.1	75.8	115.8
106	93.0	74.1	114.1



#10

Phenol

Concen: 39.347 ng

RT: 6.510 min Scan# 751

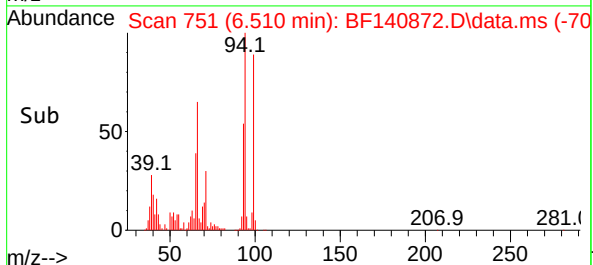
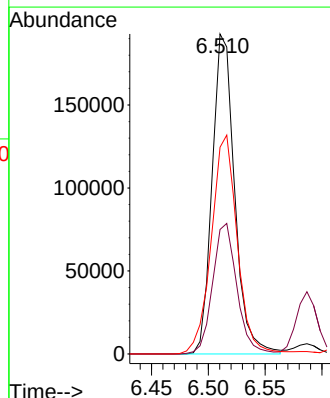
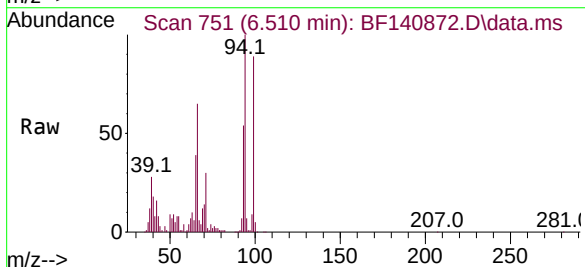
Delta R.T. 0.000 min

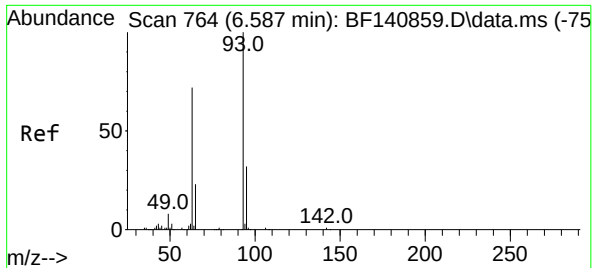
Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Tgt Ion: 94 Resp: 265444

Ion	Ratio	Lower	Upper
94	100		
65	38.9	19.9	59.9
66	64.6	45.6	85.6

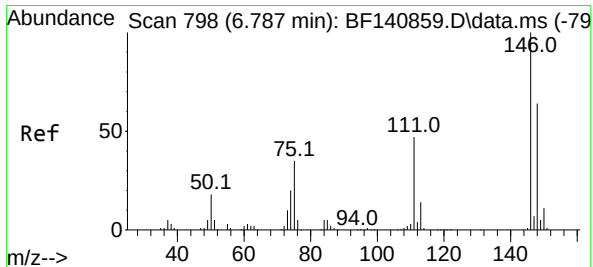
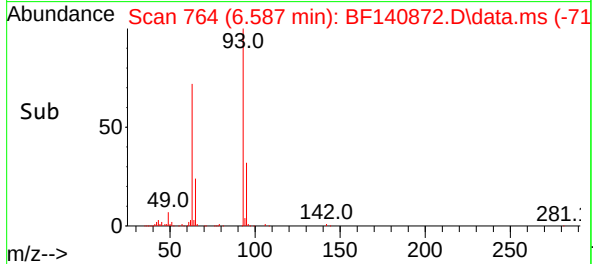
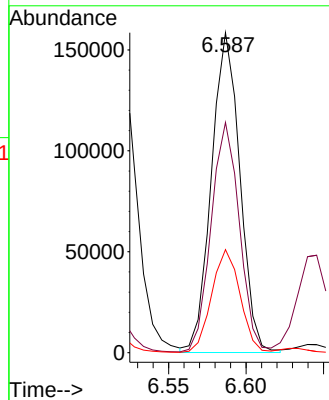
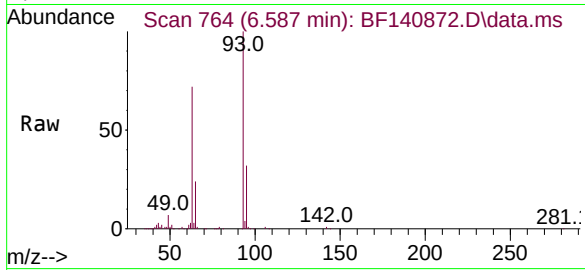




#11
bis(2-Chloroethyl)ether
Concen: 40.231 ng
RT: 6.587 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

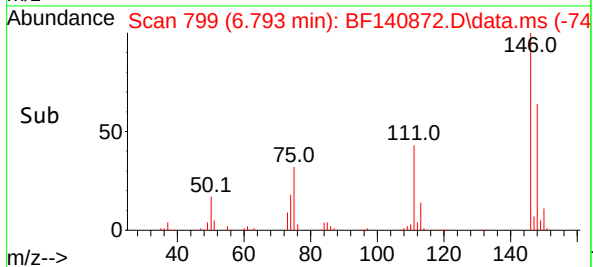
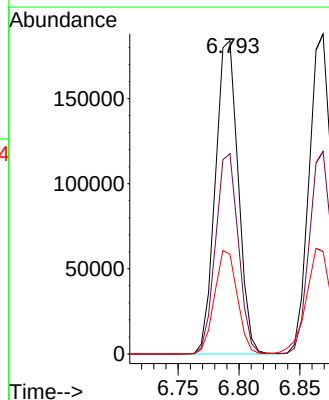
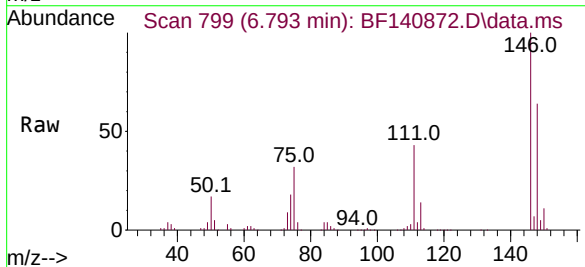
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

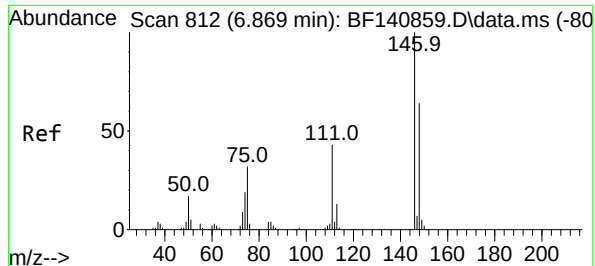
Tgt Ion: 93 Resp: 202408
Ion Ratio Lower Upper
93 100
63 72.0 51.0 91.0
95 32.2 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 39.401 ng
RT: 6.793 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion: 146 Resp: 240606
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
75 31.8 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 39.194 ng

RT: 6.869 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

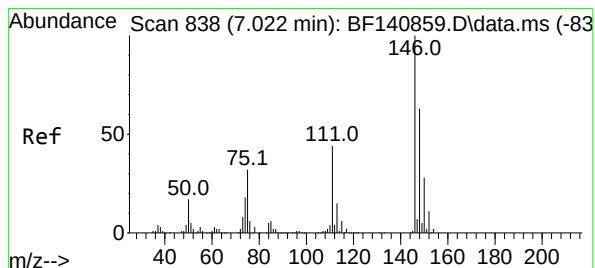
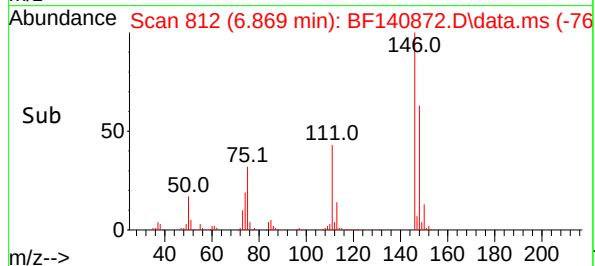
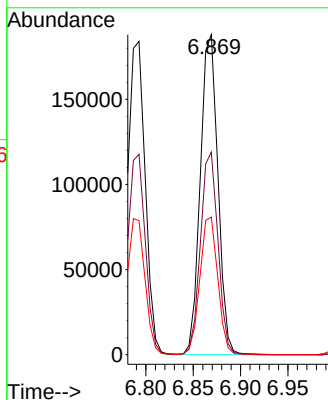
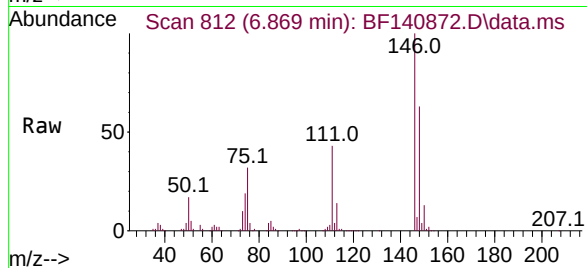
Tgt Ion:146 Resp: 242952

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

111 43.0 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 38.892 ng

RT: 7.022 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

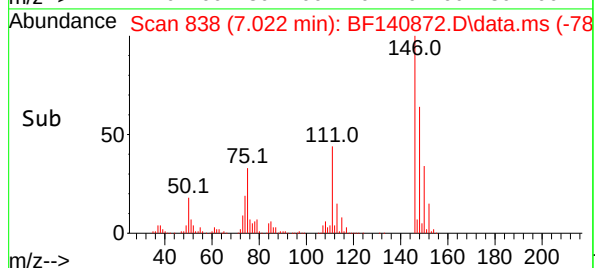
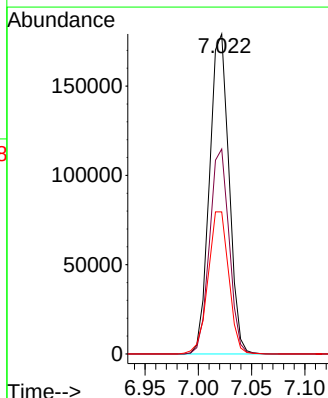
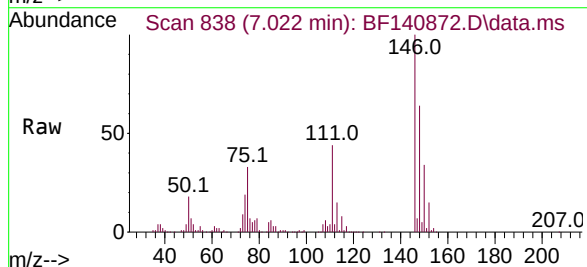
Tgt Ion:146 Resp: 227459

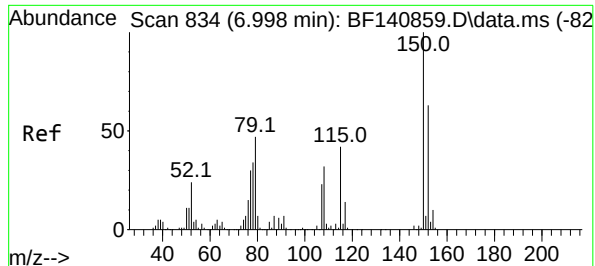
Ion Ratio Lower Upper

146 100

148 64.0 50.0 75.0

111 44.4 35.6 53.4





#15

Benzyl Alcohol

Concen: 39.090 ng

RT: 6.998 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

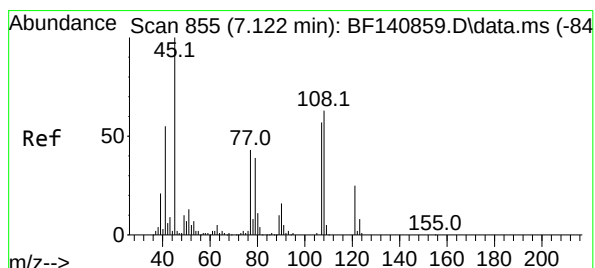
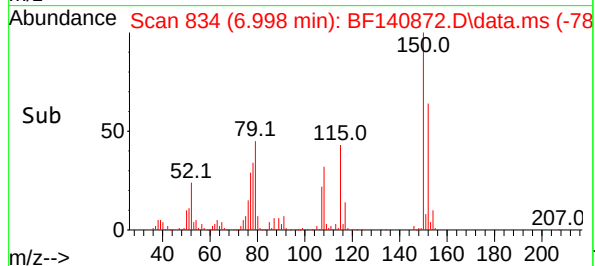
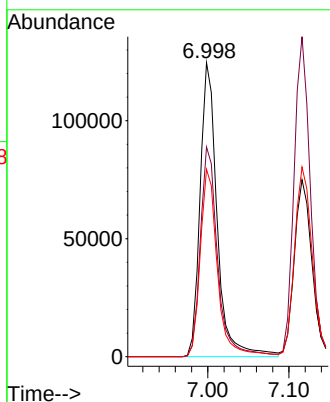
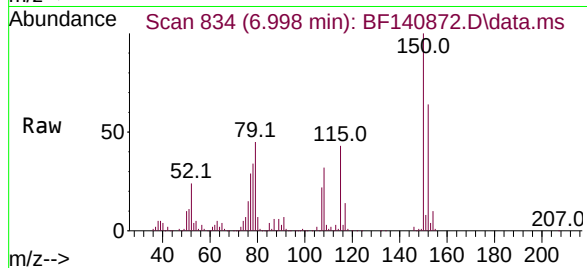
Tgt Ion: 79 Resp: 181928

Ion Ratio Lower Upper

79 100

108 71.4 55.1 82.7

77 63.7 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.589 ng

RT: 7.122 min Scan# 855

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

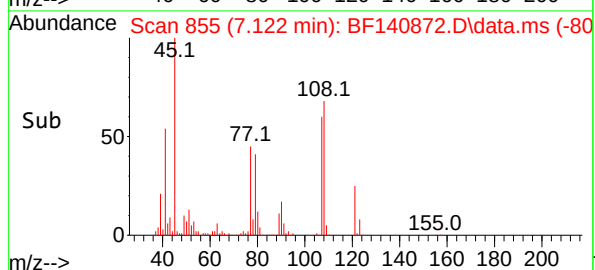
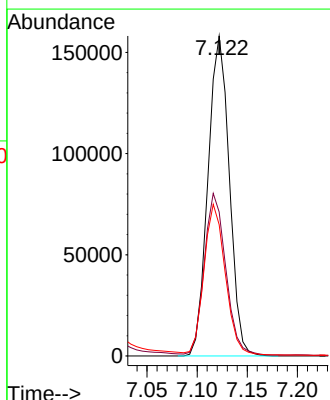
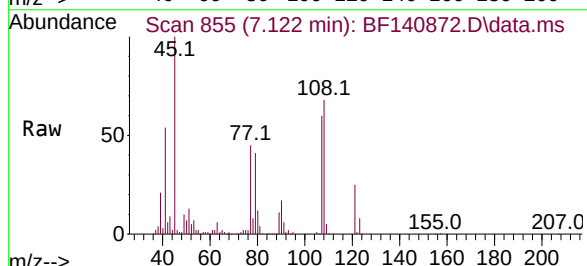
Tgt Ion: 45 Resp: 234637

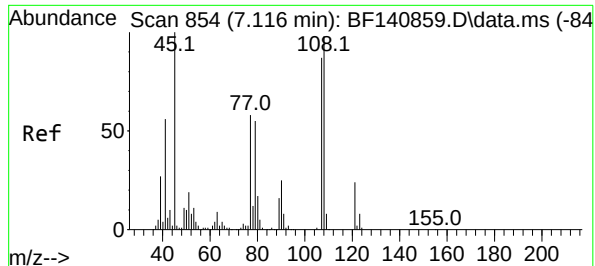
Ion Ratio Lower Upper

45 100

77 45.0 23.3 63.3

79 41.1 20.0 60.0

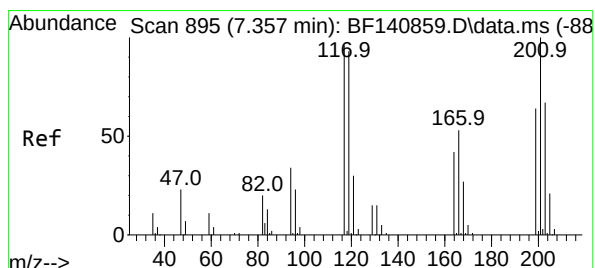
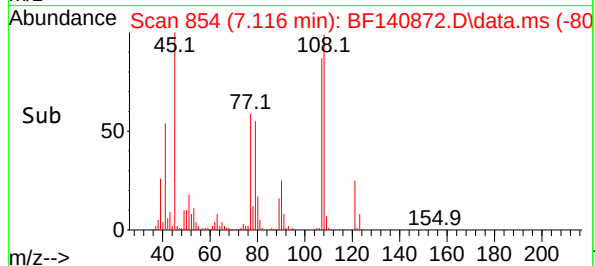
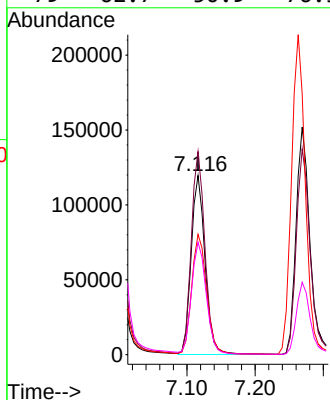
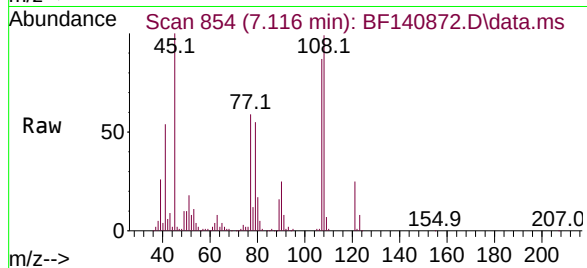




#17
2-Methylphenol
Concen: 39.323 ng
RT: 7.116 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

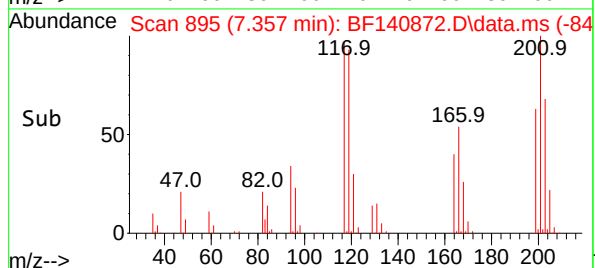
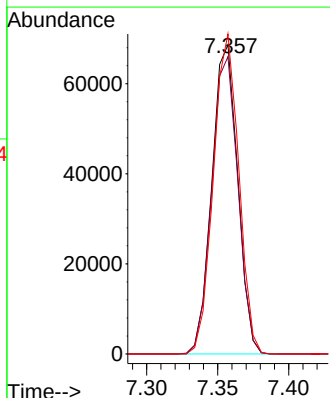
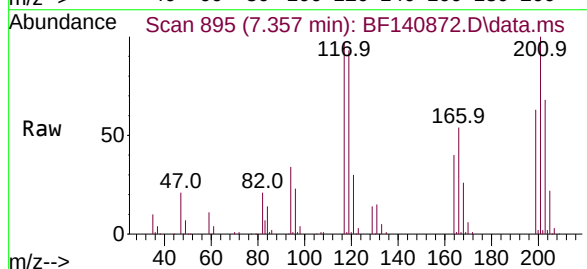
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

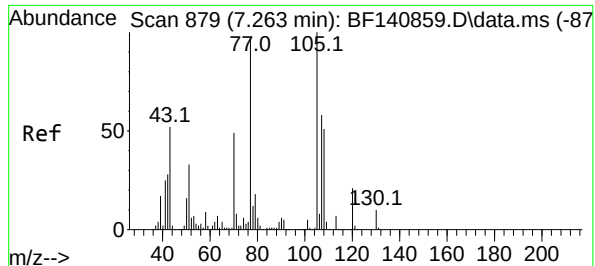
Tgt Ion:	107	Resp:	168251
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.2	135.4
77	67.2	53.8	80.6
79	62.7	50.9	76.3



#18
Hexachloroethane
Concen: 37.677 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:	117	Resp:	86943
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
201	103.5	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 38.265 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 149405

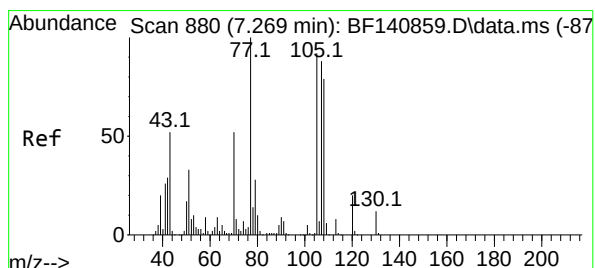
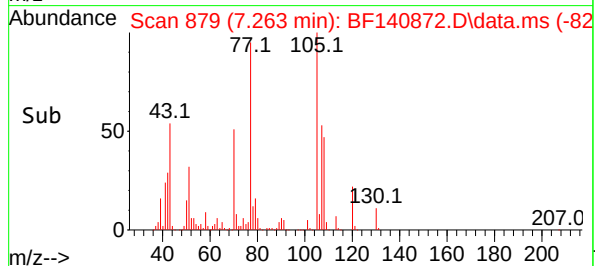
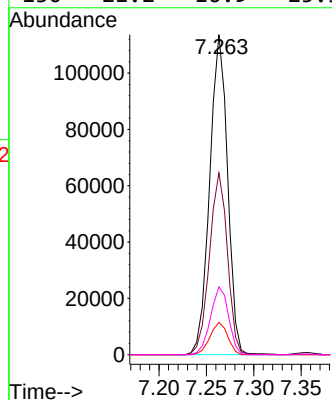
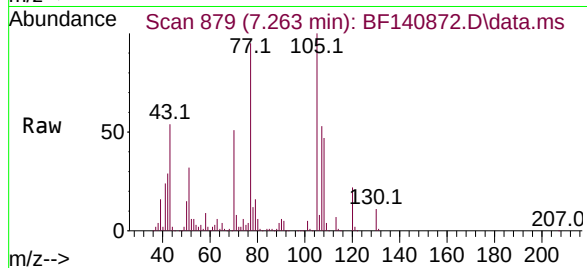
Ion Ratio Lower Upper

70 100

42 56.8 45.3 67.9

101 10.1 8.0 12.0

130 21.2 16.9 25.3



#20

3+4-Methylphenols

Concen: 38.252 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Tgt Ion: 107 Resp: 217025

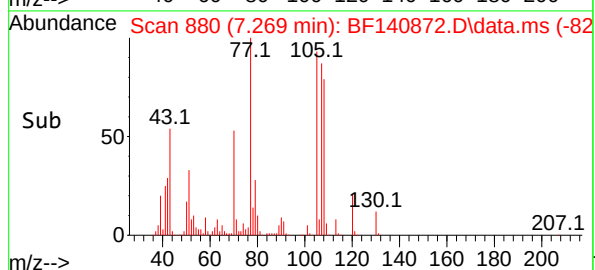
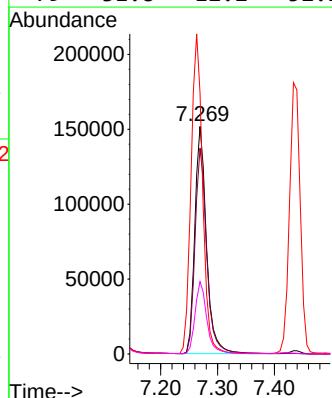
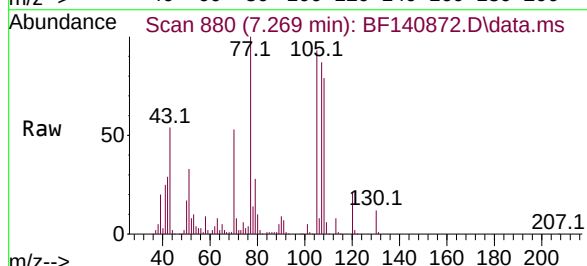
Ion Ratio Lower Upper

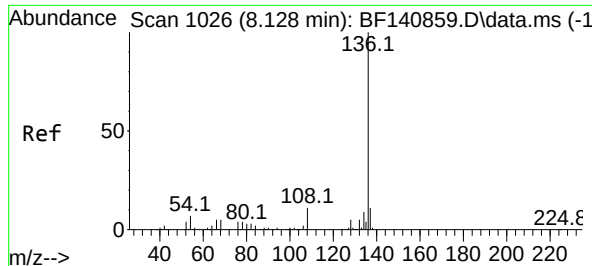
107 100

108 90.4 70.1 110.1

77 114.6 94.4 134.4

79 31.8 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 293024

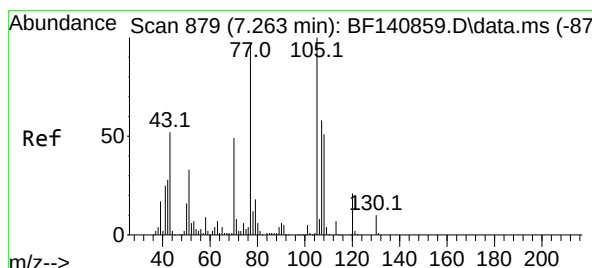
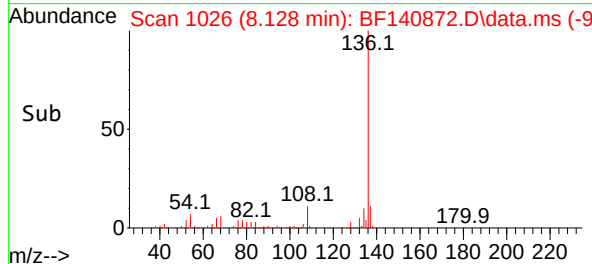
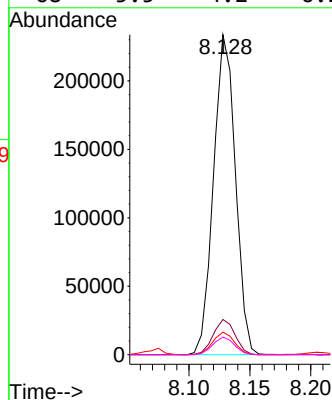
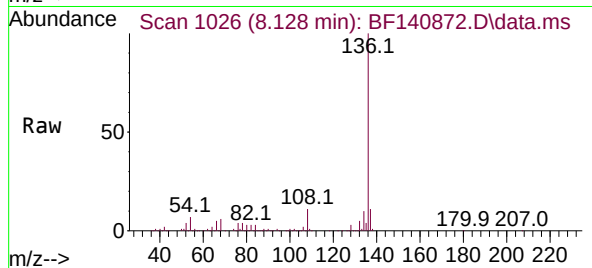
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.1 5.6 8.4

68 5.5 4.2 6.2



#22

Acetophenone

Concen: 40.145 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Tgt Ion:105 Resp: 294268

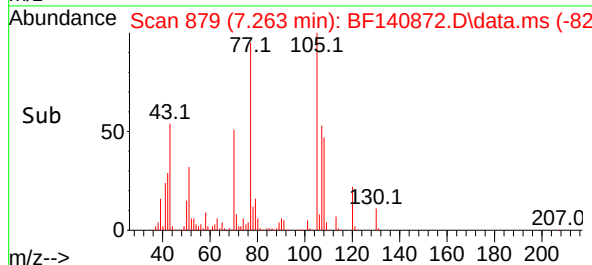
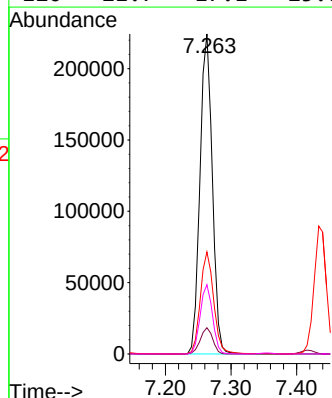
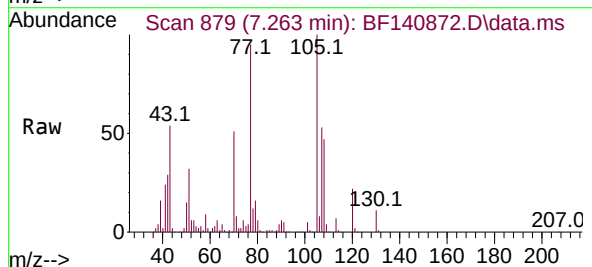
Ion Ratio Lower Upper

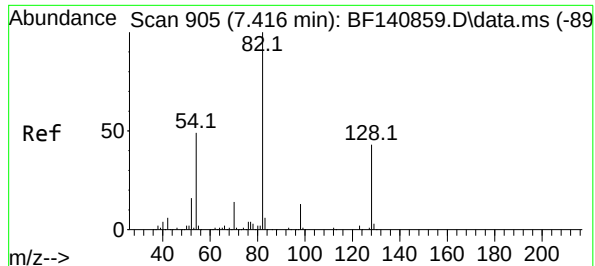
105 100

71 8.2 6.2 9.4

51 31.9 26.3 39.5

120 21.7 17.1 25.7





#23

Nitrobenzene-d5

Concen: 79.283 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

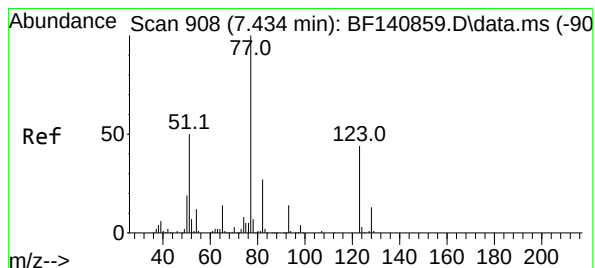
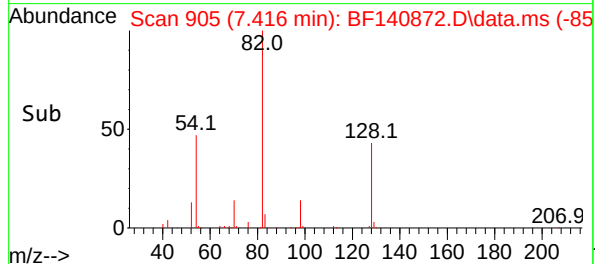
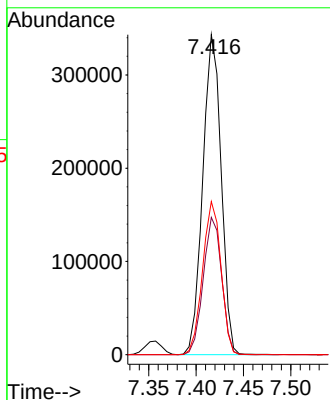
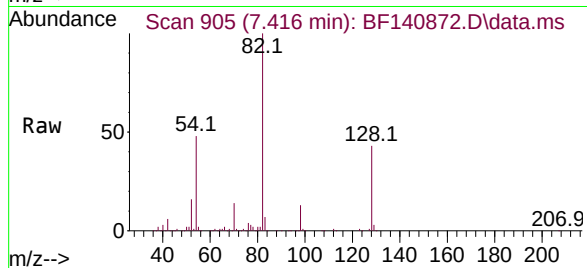
Tgt Ion: 82 Resp: 464348

Ion Ratio Lower Upper

82 100

128 42.9 34.4 51.6

54 47.9 38.8 58.2



#24

Nitrobenzene

Concen: 39.430 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

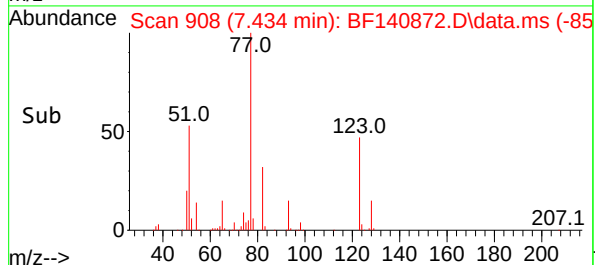
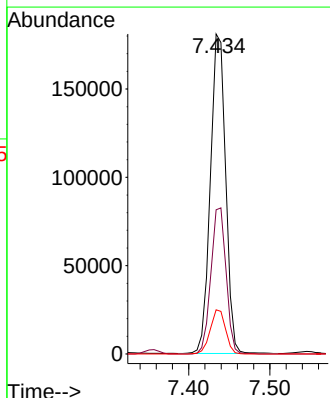
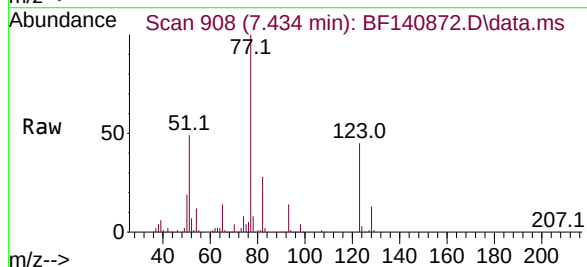
Tgt Ion: 77 Resp: 236583

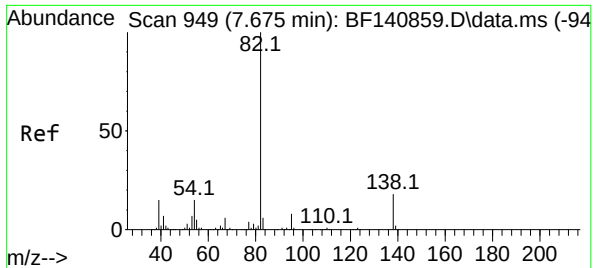
Ion Ratio Lower Upper

77 100

123 45.0 35.0 52.4

65 13.8 11.4 17.0

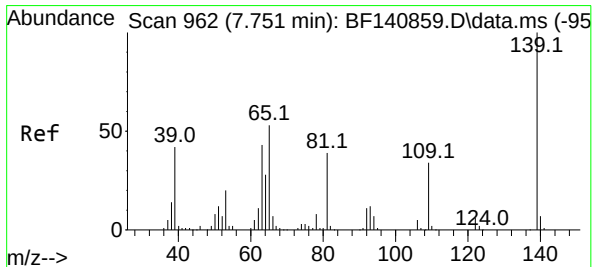
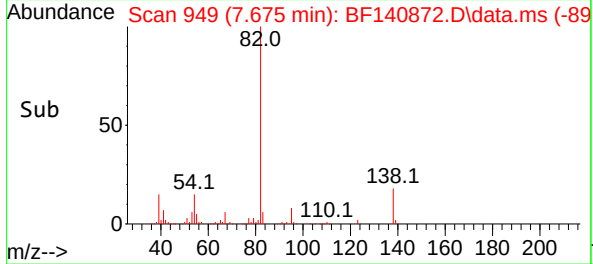
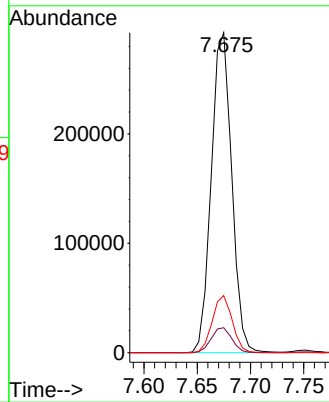
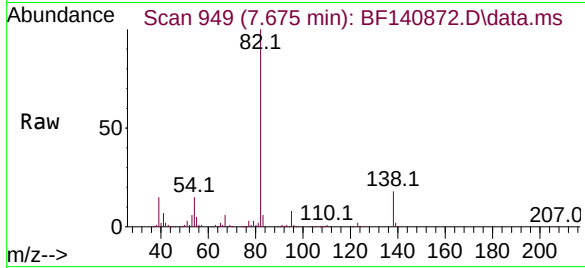




#25
Isophorone
Concen: 39.733 ng
RT: 7.675 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

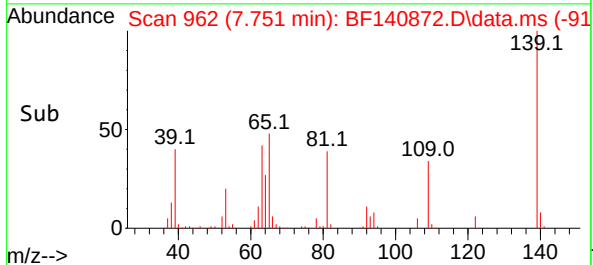
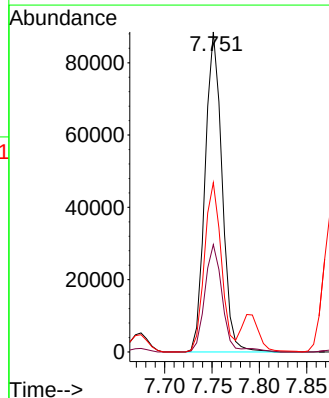
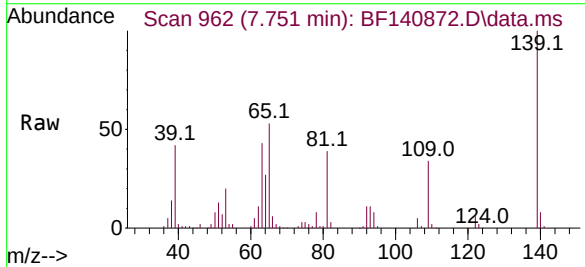
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

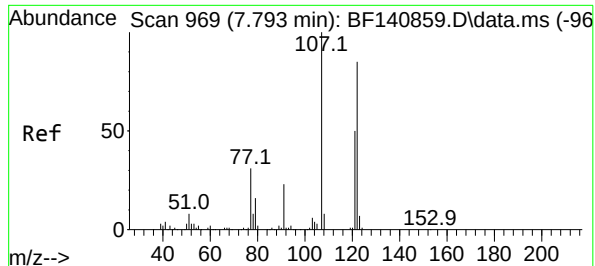
Tgt Ion: 82 Resp: 389913
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 17.9 14.1 21.1



#26
2-Nitrophenol
Concen: 39.907 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion: 139 Resp: 110281
Ion Ratio Lower Upper
139 100
109 33.5 26.9 40.3
65 52.9 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 40.367 ng

RT: 7.793 min Scan# 969

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

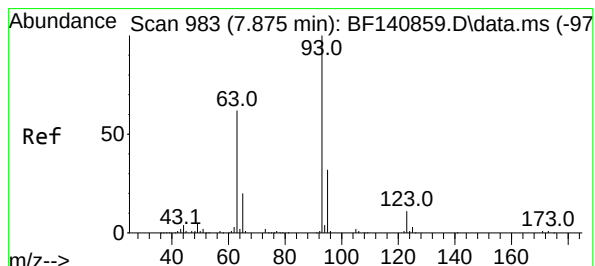
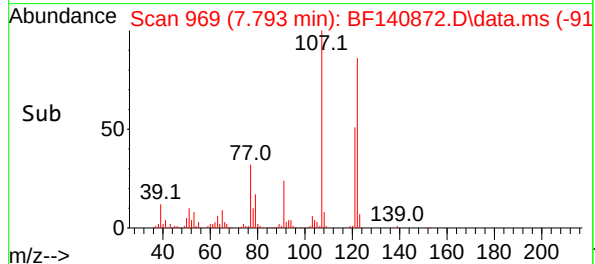
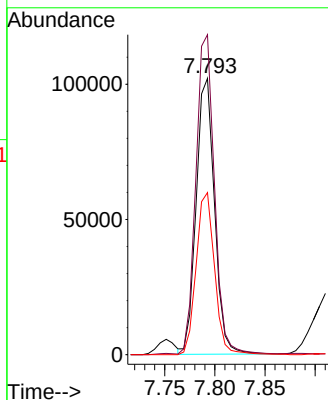
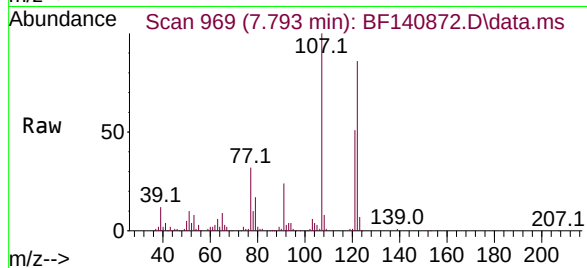
Tgt Ion:122 Resp: 130275

Ion Ratio Lower Upper

122 100

107 115.8 92.6 139.0

121 58.7 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.898 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

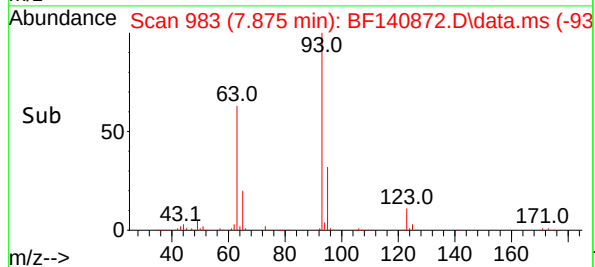
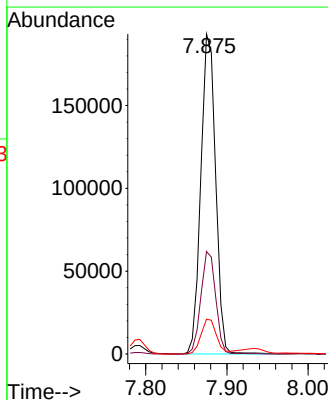
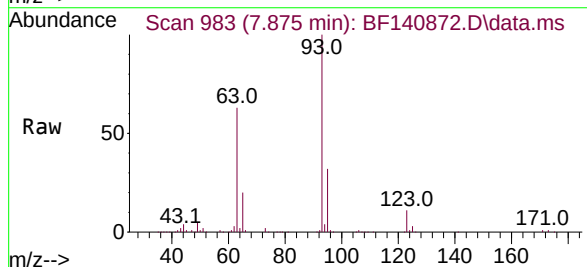
Tgt Ion: 93 Resp: 244546

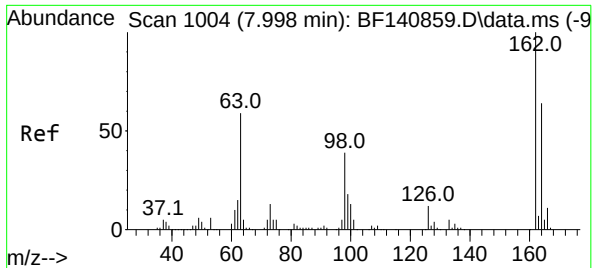
Ion Ratio Lower Upper

93 100

95 32.0 25.3 37.9

123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 39.416 ng

RT: 7.998 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

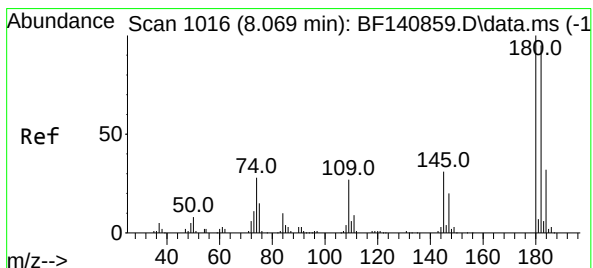
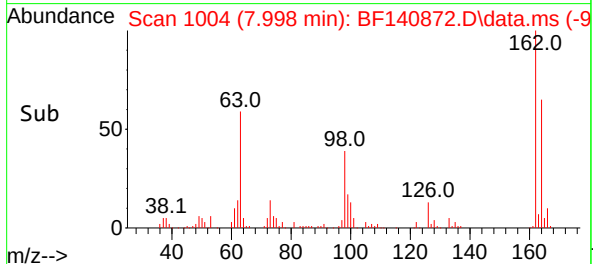
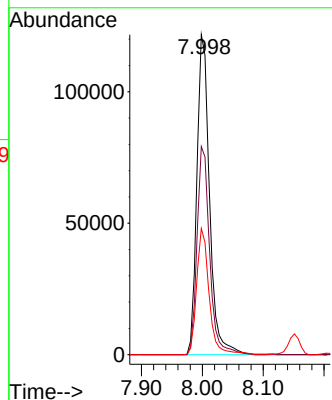
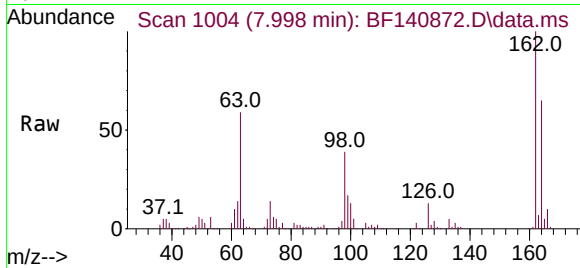
Tgt Ion:162 Resp: 175621

Ion Ratio Lower Upper

162 100

164 65.0 43.7 83.7

98 39.4 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 39.674 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

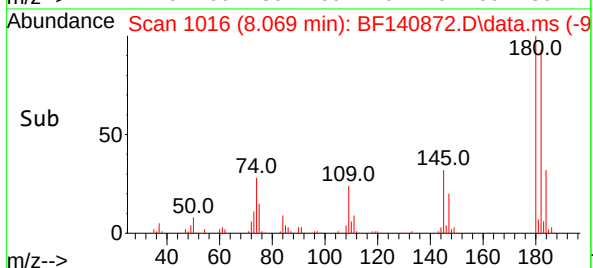
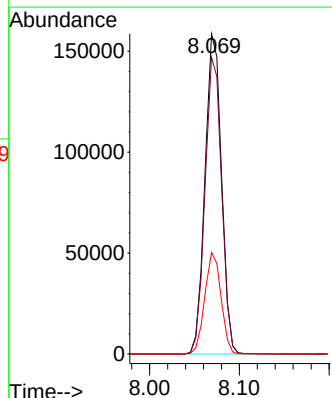
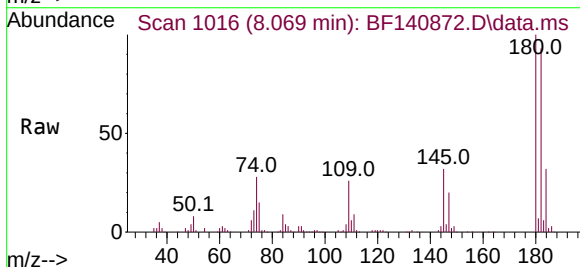
Tgt Ion:180 Resp: 202643

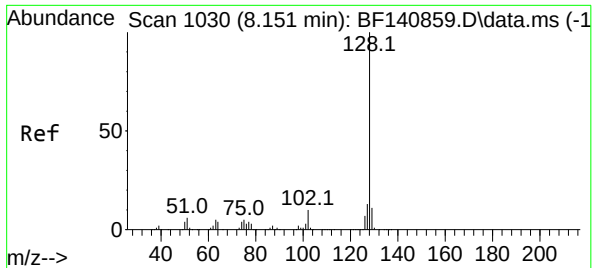
Ion Ratio Lower Upper

180 100

182 92.7 75.8 113.6

145 31.7 25.2 37.8





#31

Naphthalene

Concen: 39.230 ng

RT: 8.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

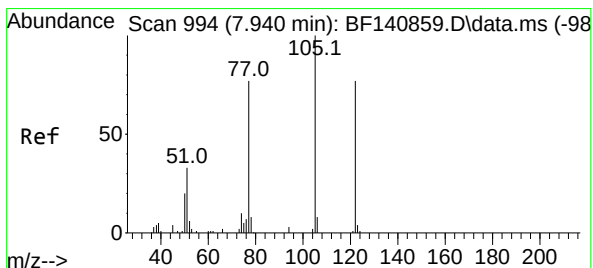
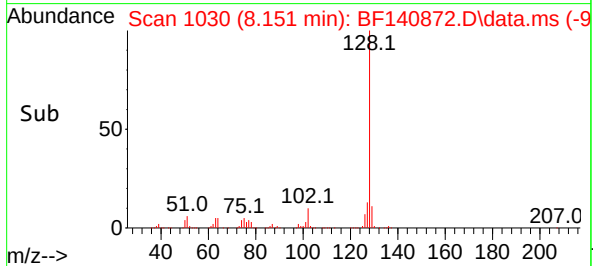
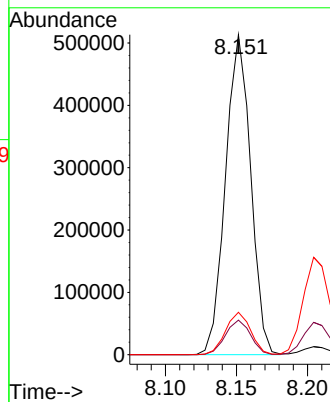
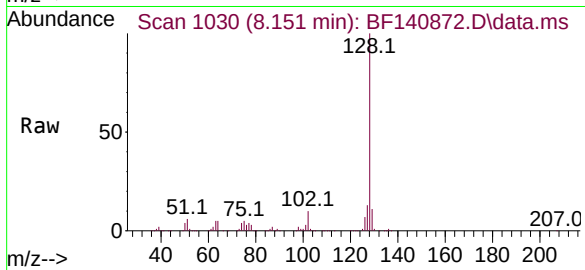
Tgt Ion:128 Resp: 631448

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 37.613 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

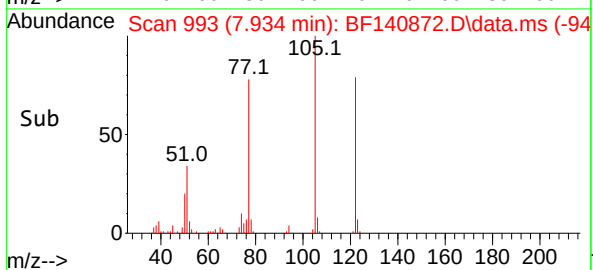
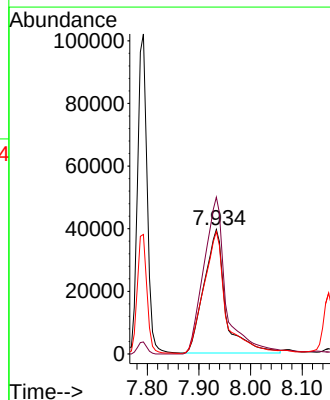
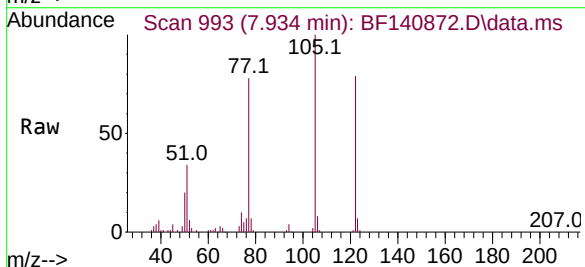
Tgt Ion:122 Resp: 115124

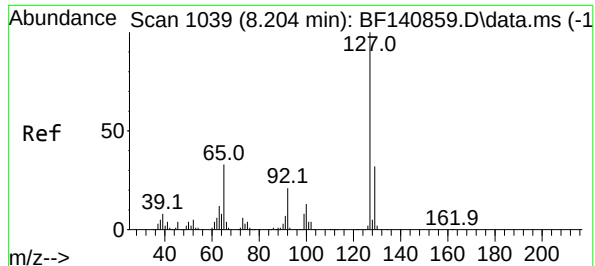
Ion Ratio Lower Upper

122 100

105 126.0 108.3 148.3

77 98.3 78.8 118.8





#33

4-Chloroaniline

Concen: 39.135 ng

RT: 8.204 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 209212

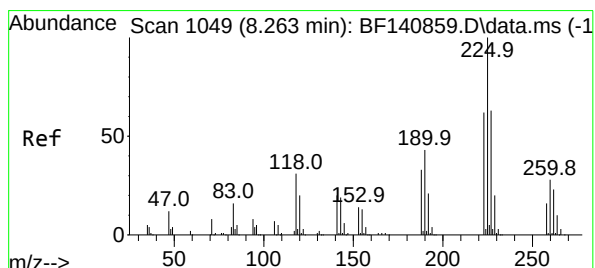
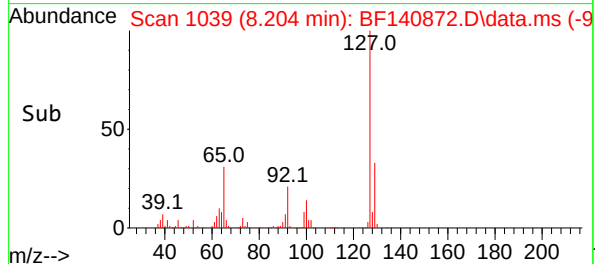
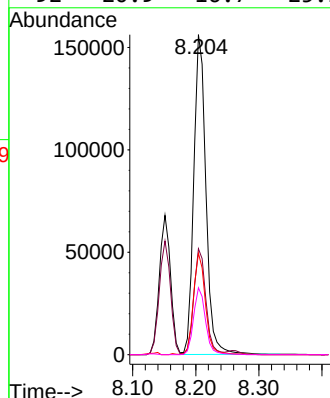
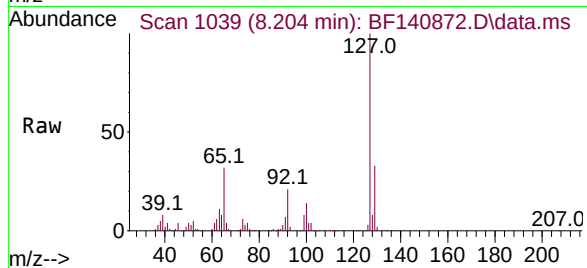
Ion Ratio Lower Upper

127 100

129 33.1 26.0 39.0

65 31.7 26.0 39.0

92 20.9 16.7 25.1



#34

Hexachlorobutadiene

Concen: 38.326 ng

RT: 8.263 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

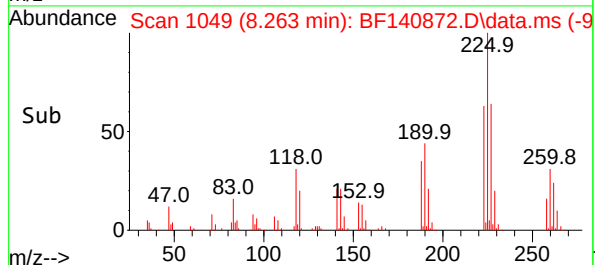
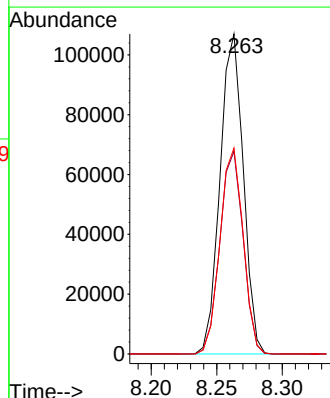
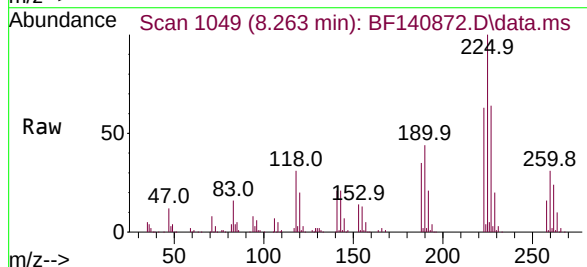
Tgt Ion:225 Resp: 131706

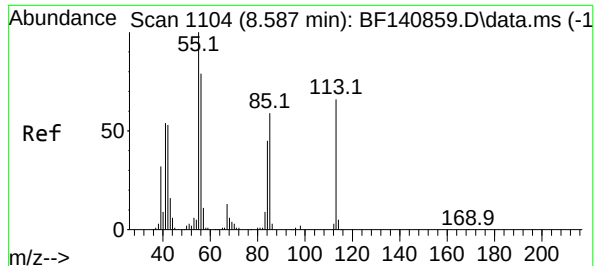
Ion Ratio Lower Upper

225 100

223 63.3 49.6 74.4

227 64.4 50.7 76.1





#35

Caprolactam

Concen: 41.467 ng

RT: 8.587 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

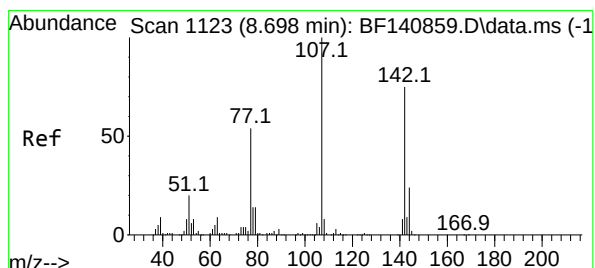
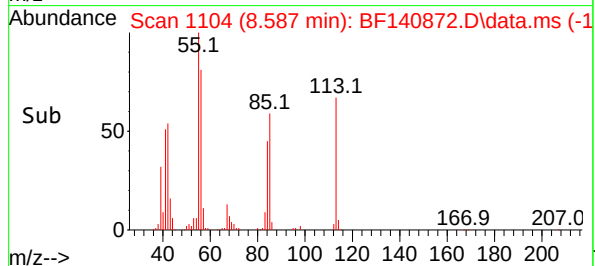
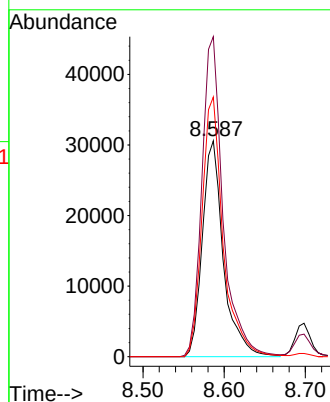
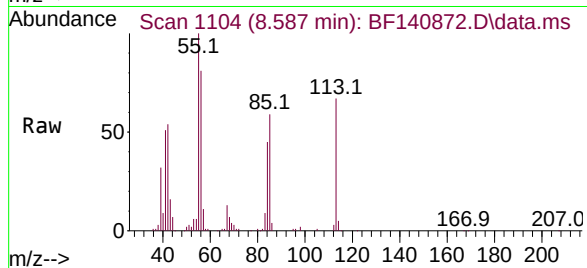
Tgt Ion:113 Resp: 55005

Ion Ratio Lower Upper

113 100

55 148.3 132.3 172.3

56 120.4 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 39.186 ng

RT: 8.698 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

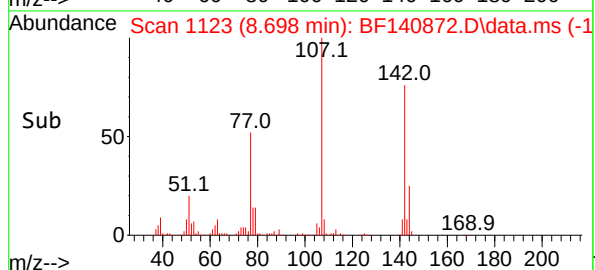
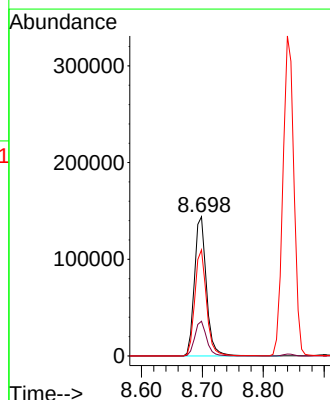
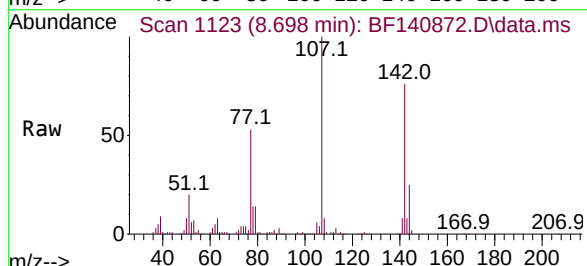
Tgt Ion:107 Resp: 196513

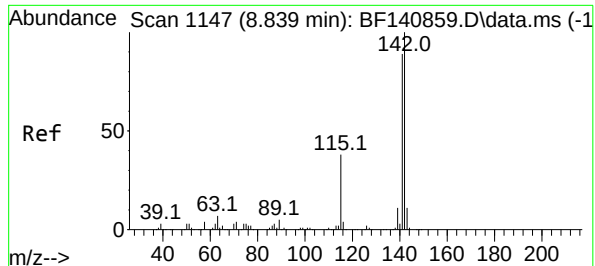
Ion Ratio Lower Upper

107 100

144 24.9 19.4 29.2

142 76.2 60.3 90.5





#37

2-Methylnaphthalene

Concen: 38.885 ng

RT: 8.840 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

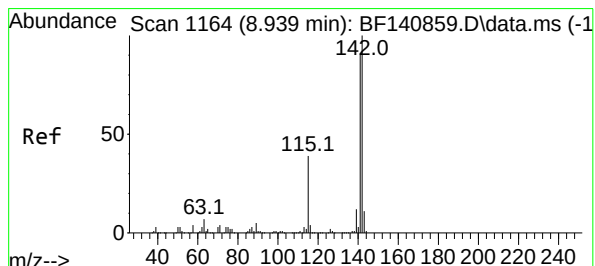
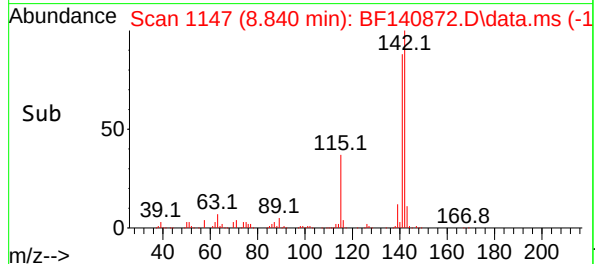
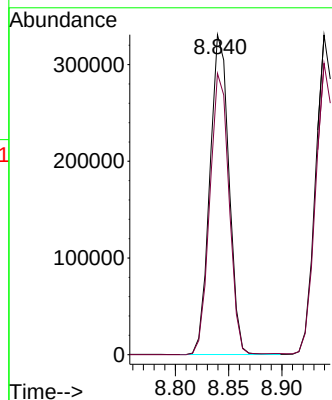
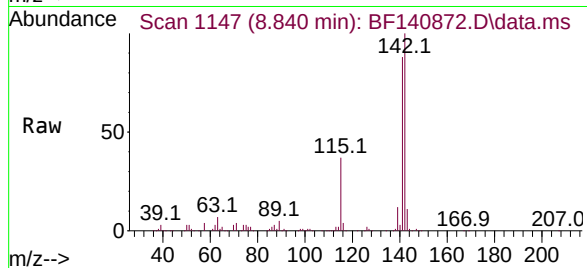
SSTDCCC040

Tgt Ion:142 Resp: 414033

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 38.753 ng

RT: 8.940 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF140872.D

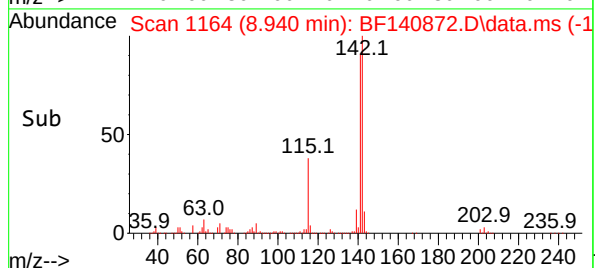
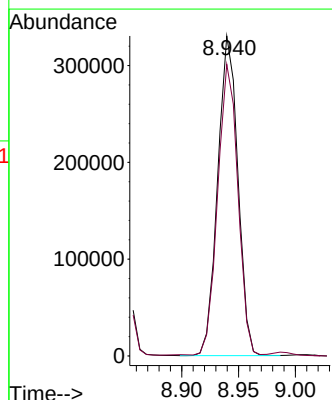
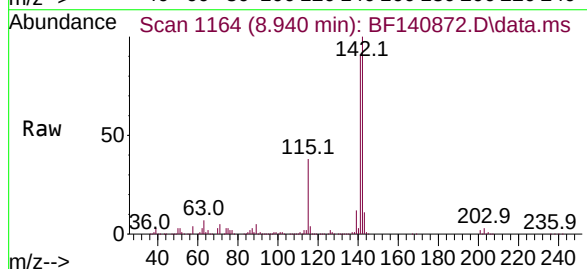
Acq: 17 Dec 2024 09:24

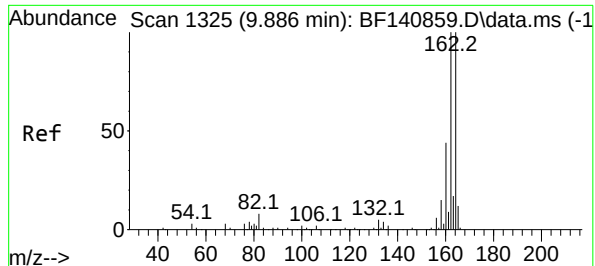
Tgt Ion:142 Resp: 408081

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

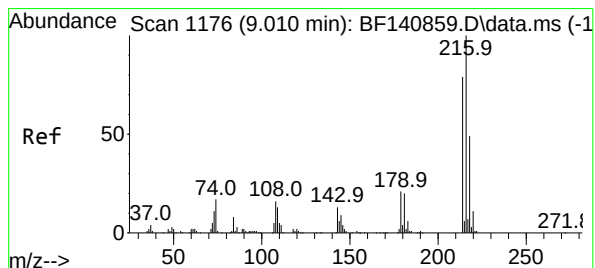
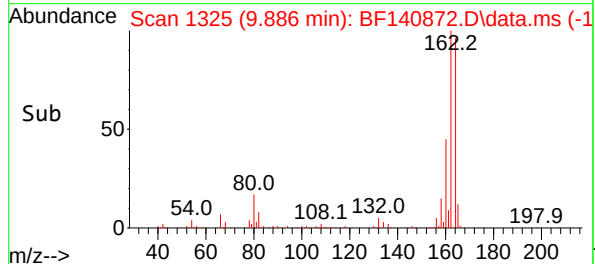
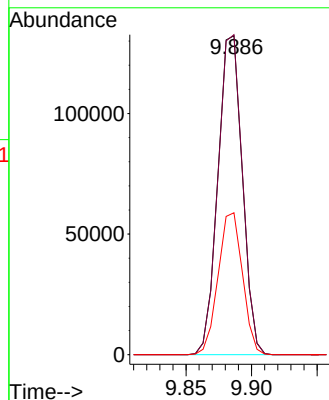
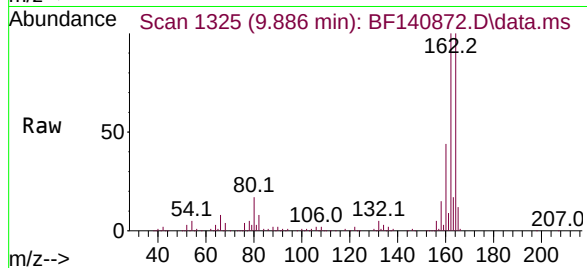
Tgt Ion:164 Resp: 171346

Ion Ratio Lower Upper

164 100

162 100.3 79.9 119.9

160 44.5 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.207 ng

RT: 9.010 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Tgt Ion:216 Resp: 206485

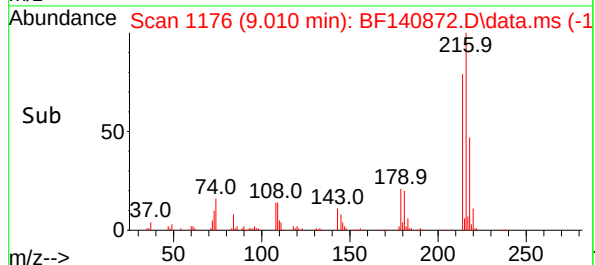
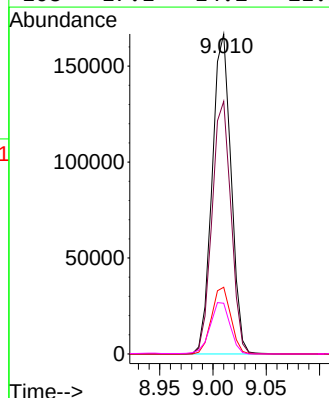
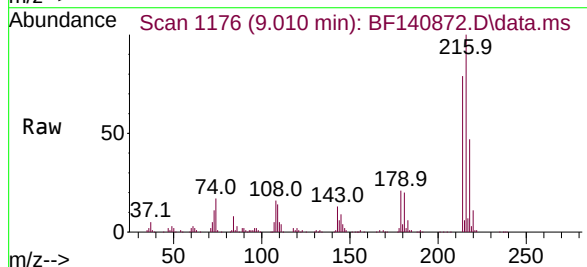
Ion Ratio Lower Upper

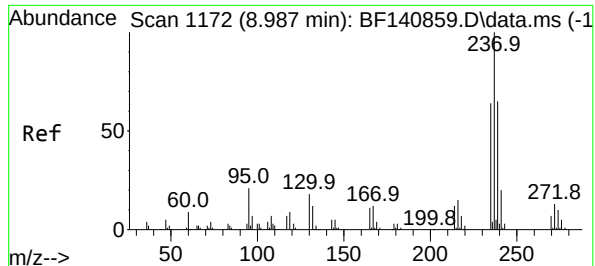
216 100

214 79.0 63.6 95.4

179 21.1 17.0 25.4

108 17.1 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 33.129 ng

RT: 8.987 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

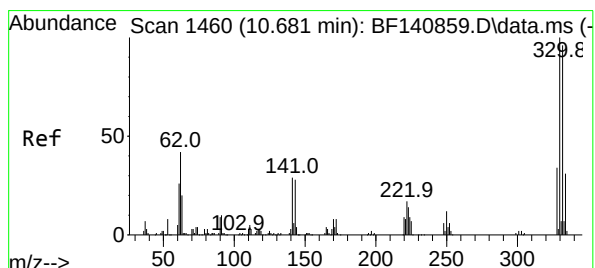
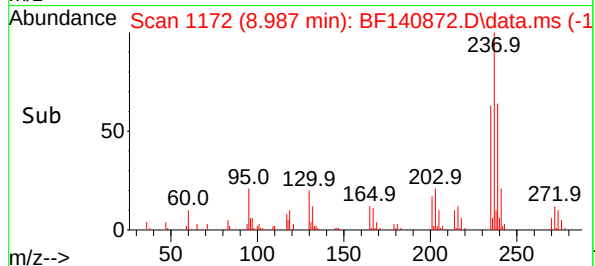
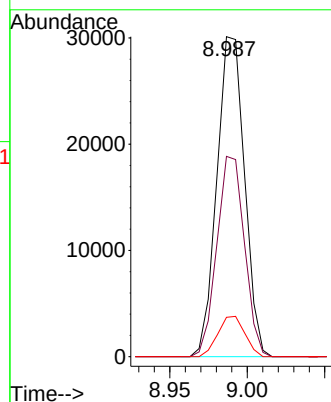
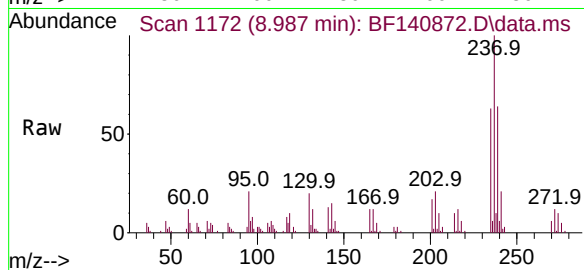
Tgt Ion:237 Resp: 37471

Ion Ratio Lower Upper

237 100

235 62.6 43.7 83.7

272 12.3 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 72.199 ng

RT: 10.681 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

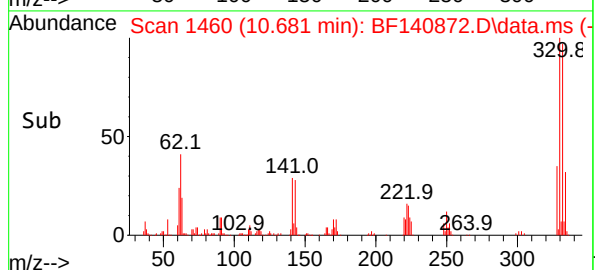
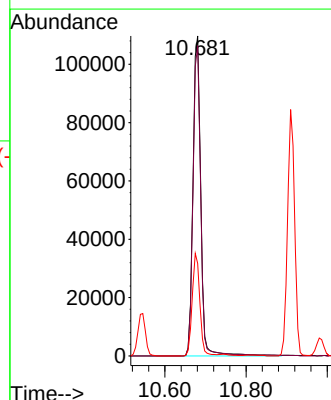
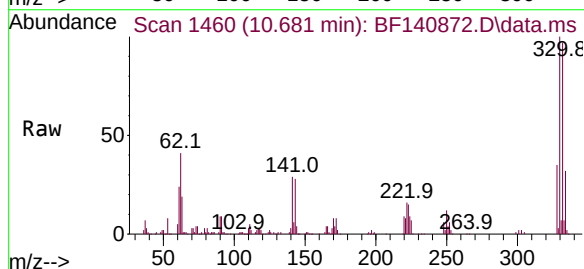
Tgt Ion:330 Resp: 146313

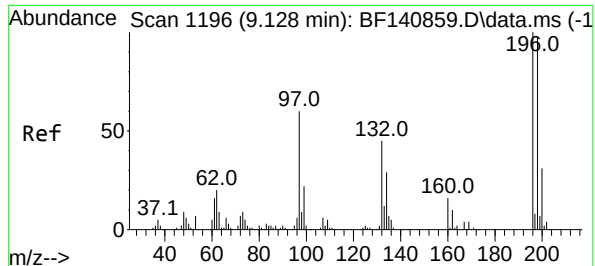
Ion Ratio Lower Upper

330 100

332 94.8 76.2 114.4

141 31.3 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 39.412 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

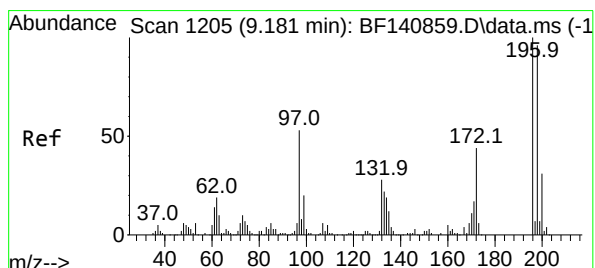
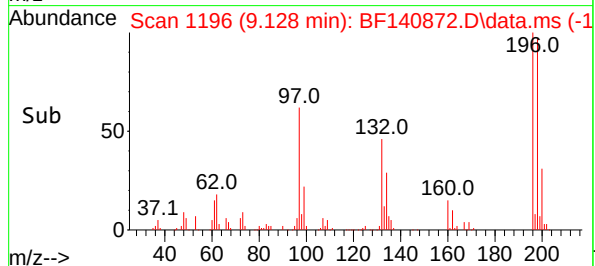
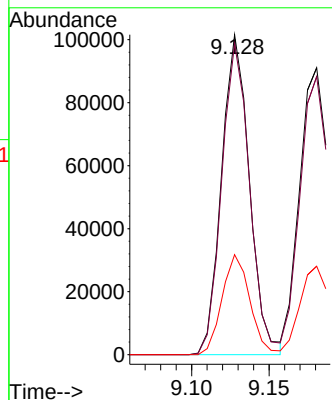
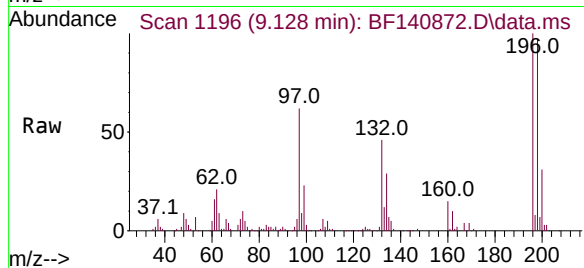
Tgt Ion:196 Resp: 127096

Ion Ratio Lower Upper

196 100

198 97.2 77.4 116.0

200 31.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 38.966 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Tgt Ion:196 Resp: 138117

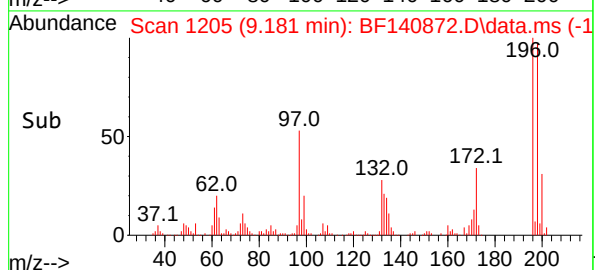
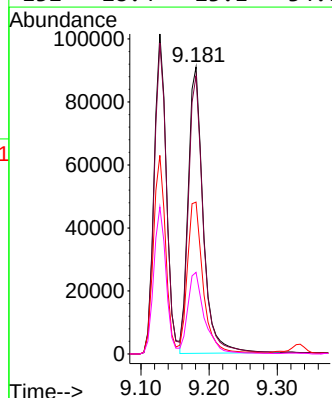
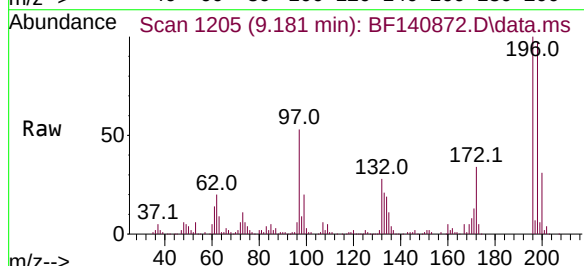
Ion Ratio Lower Upper

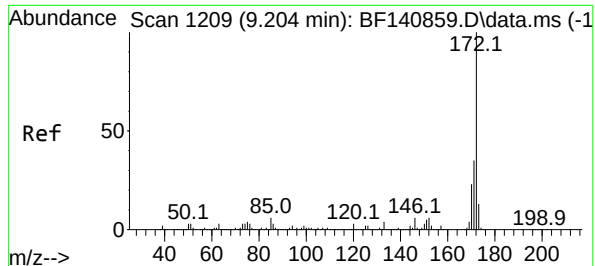
196 100

198 96.9 77.2 115.8

97 52.9 42.2 63.4

132 28.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 77.008 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

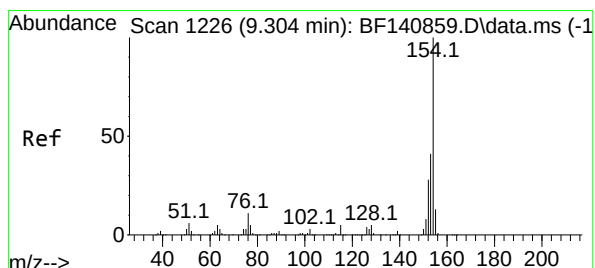
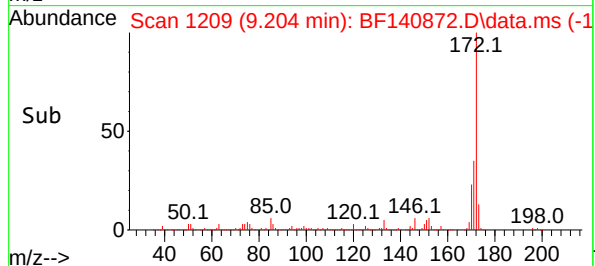
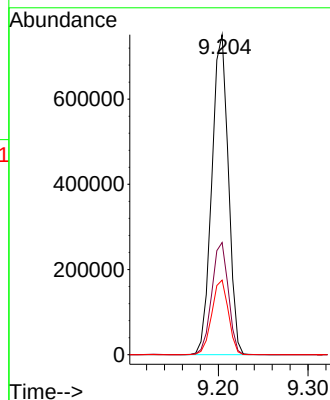
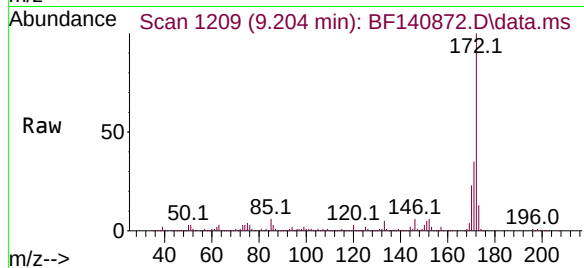
Tgt Ion:172 Resp: 959748

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.718 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

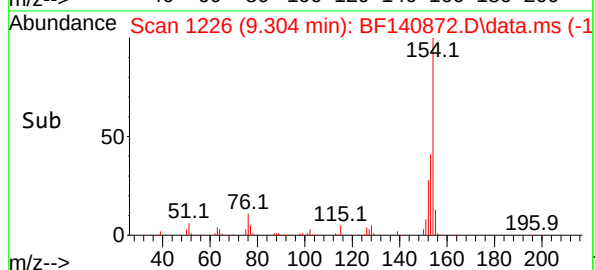
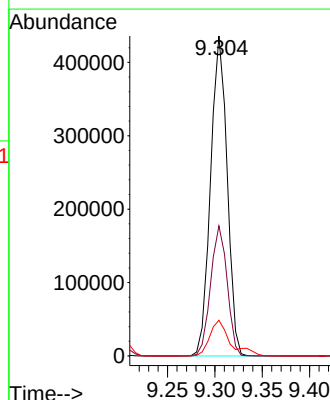
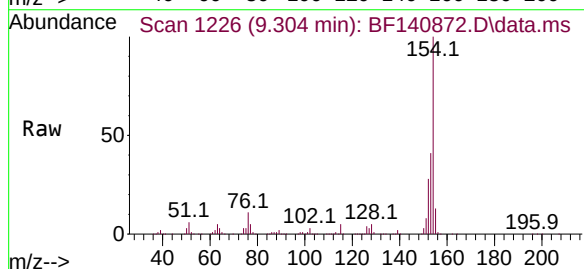
Tgt Ion:154 Resp: 527541

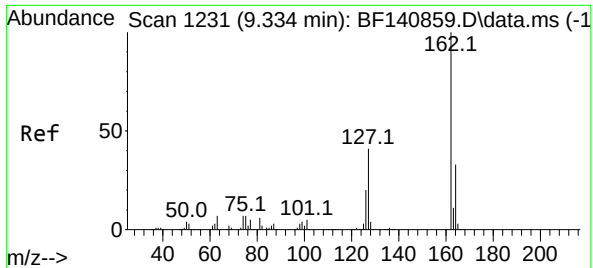
Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 11.1 0.0 31.0

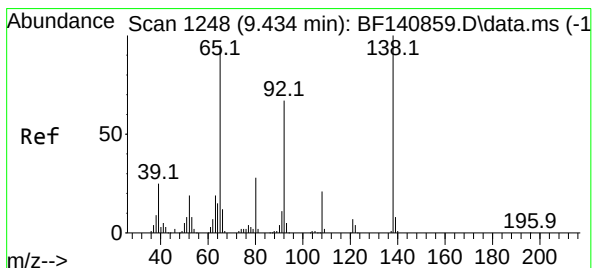
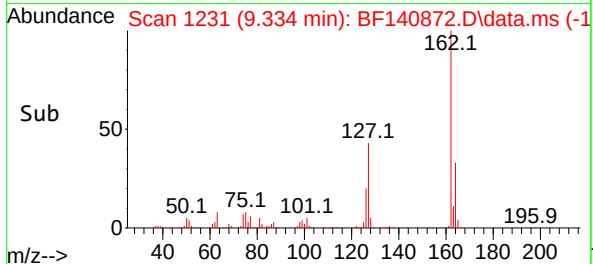
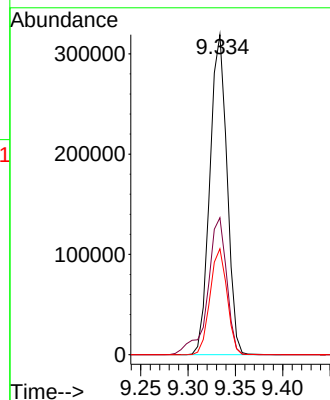
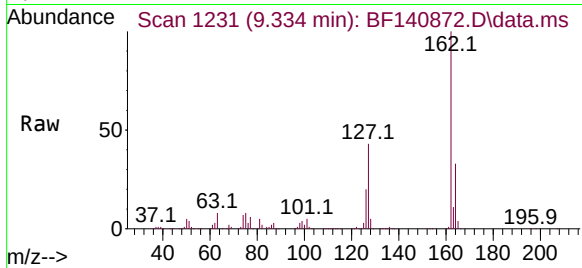




#47
2-Chloronaphthalene
Concen: 38.480 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

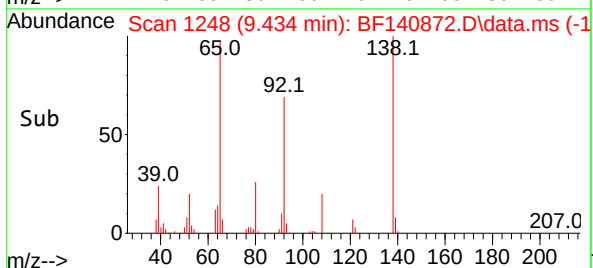
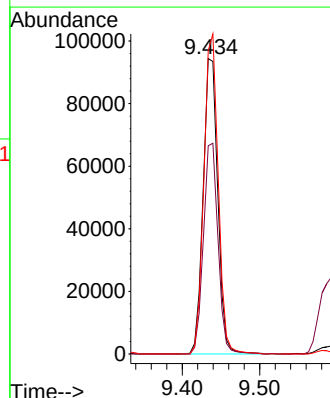
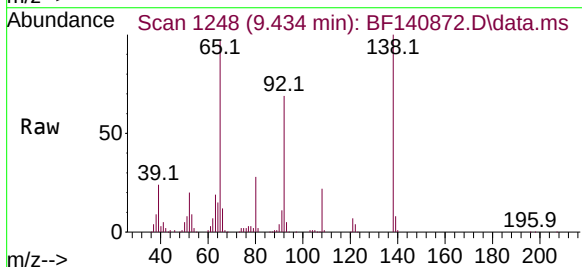
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

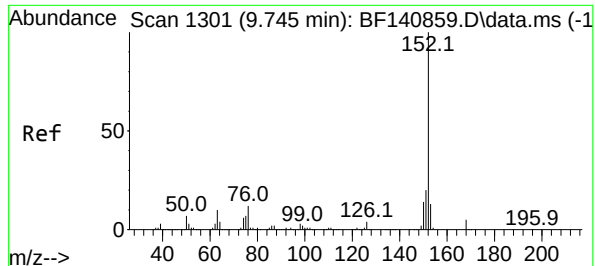
Tgt Ion:162 Resp: 401095
Ion Ratio Lower Upper
162 100
127 42.8 33.5 50.3
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 39.385 ng
RT: 9.434 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion: 65 Resp: 123983
Ion Ratio Lower Upper
65 100
92 70.5 56.3 84.5
138 102.7 83.8 125.6





#49

Acenaphthylene

Concen: 38.543 ng

RT: 9.745 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

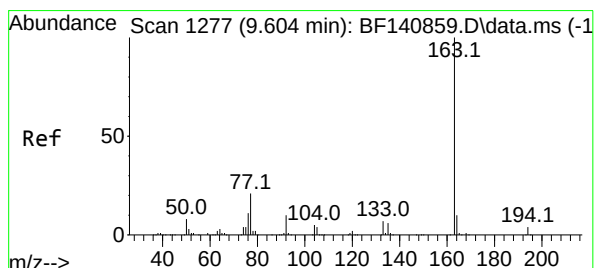
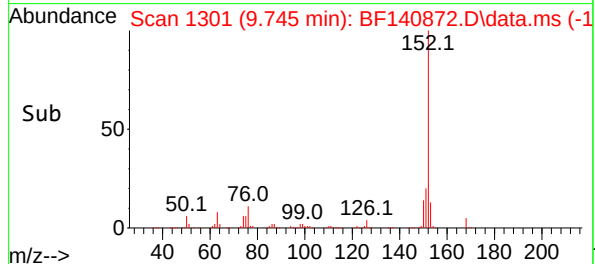
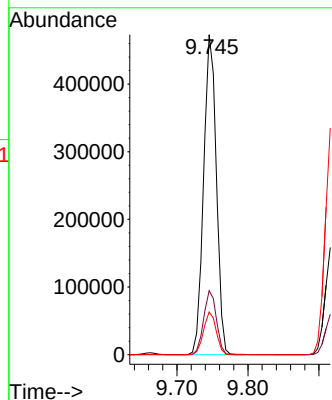
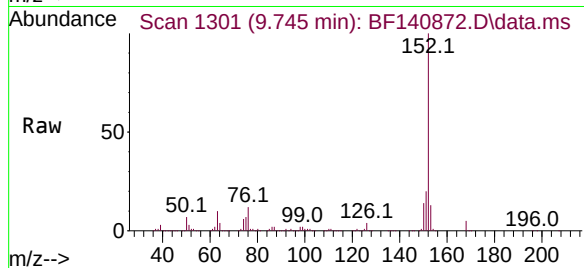
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 590393

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.3	10.6	16.0



#50

Dimethylphthalate

Concen: 38.696 ng

RT: 9.604 min Scan# 1277

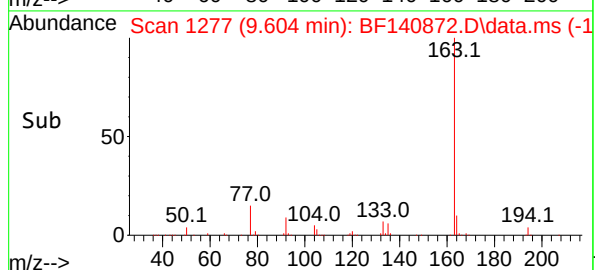
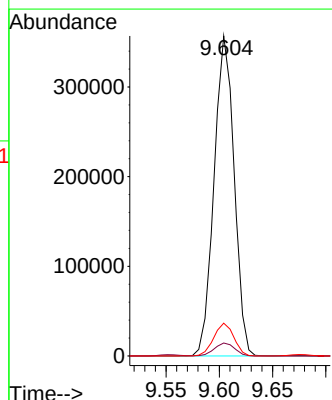
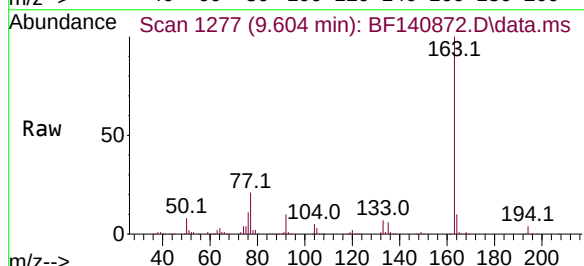
Delta R.T. 0.000 min

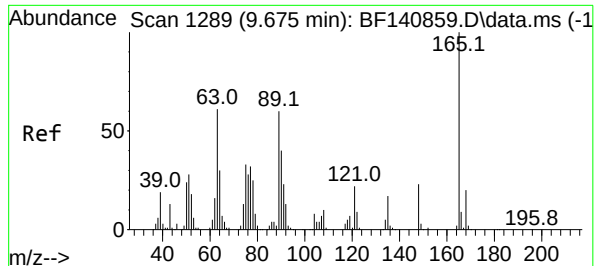
Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Tgt Ion:163 Resp: 467456

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.3	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 39.397 ng

RT: 9.675 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

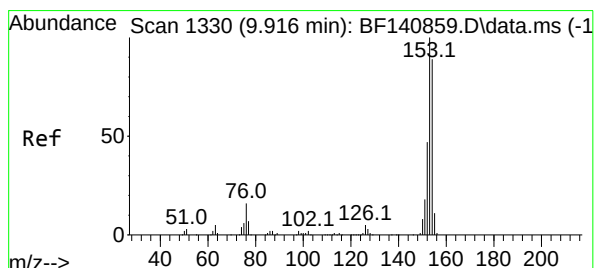
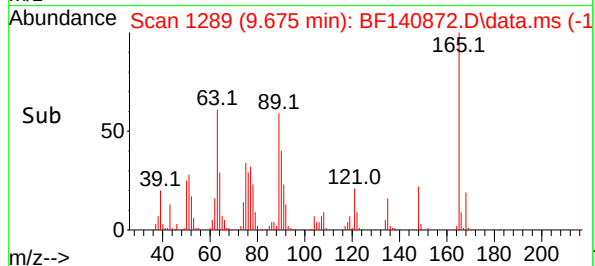
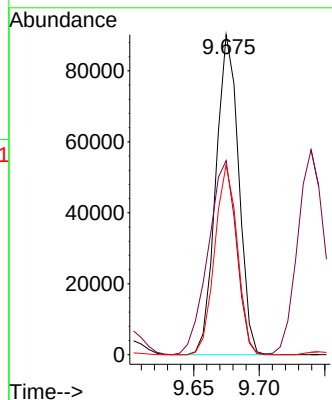
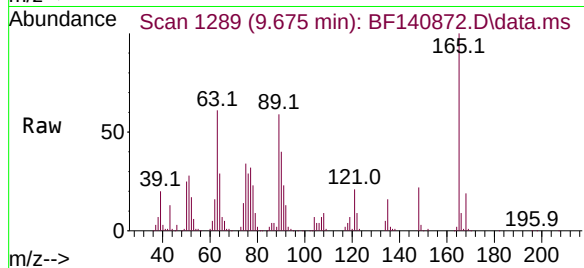
Tgt Ion:165 Resp: 108802

Ion Ratio Lower Upper

165 100

63 60.6 49.7 74.5

89 59.4 48.2 72.4



#52

Acenaphthene

Concen: 38.522 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

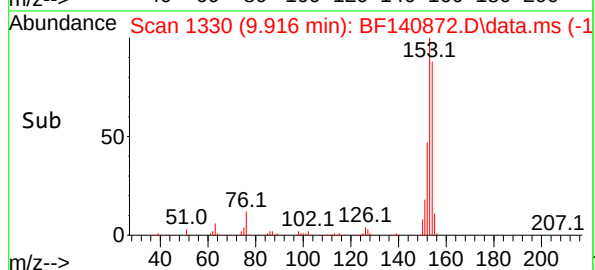
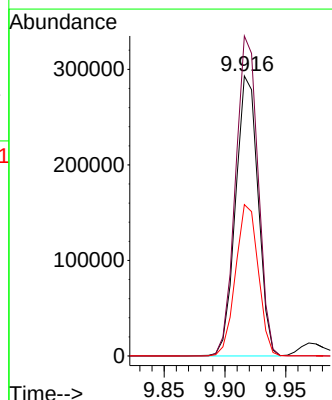
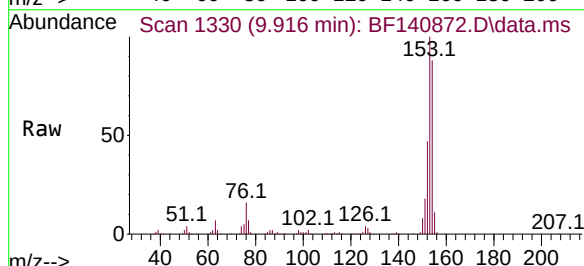
Tgt Ion:154 Resp: 376933

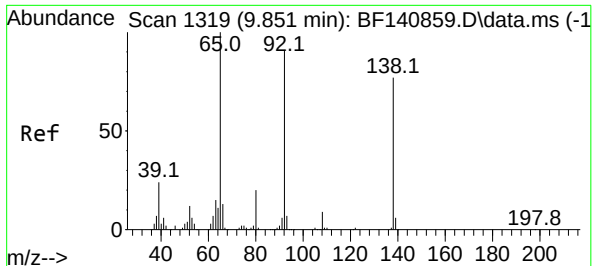
Ion Ratio Lower Upper

154 100

153 114.3 89.9 134.9

152 54.1 42.6 63.8





#53

3-Nitroaniline

Concen: 39.699 ng

RT: 9.851 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

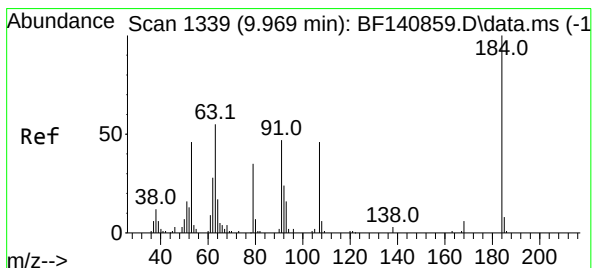
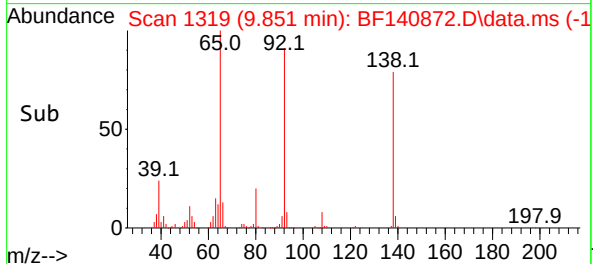
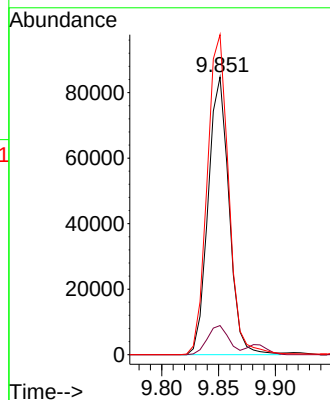
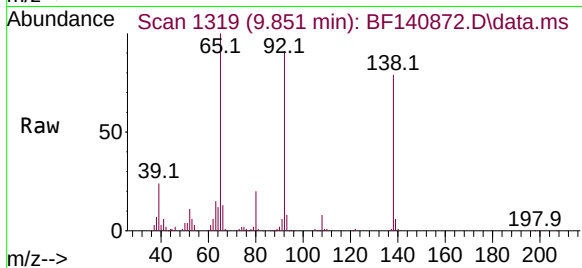
Tgt Ion:138 Resp: 108802

Ion Ratio Lower Upper

138 100

108 10.5 9.0 13.4

92 115.2 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 31.895 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

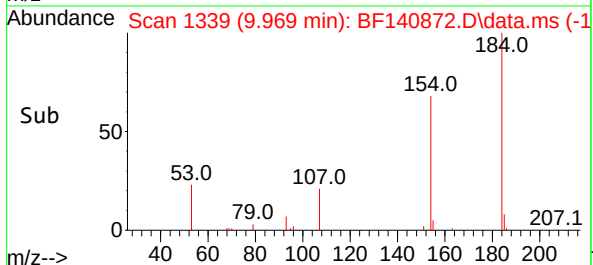
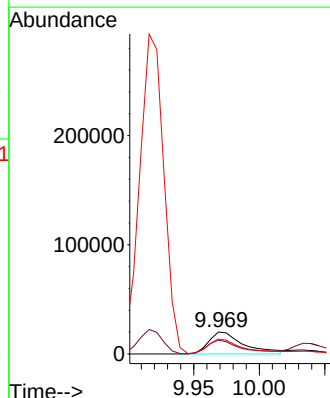
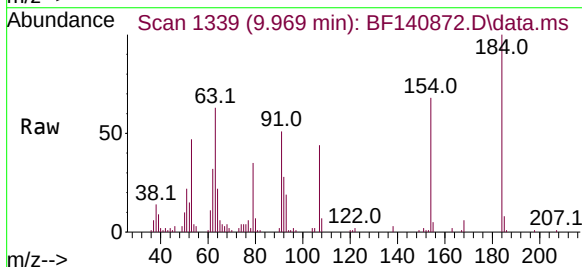
Tgt Ion:184 Resp: 37206

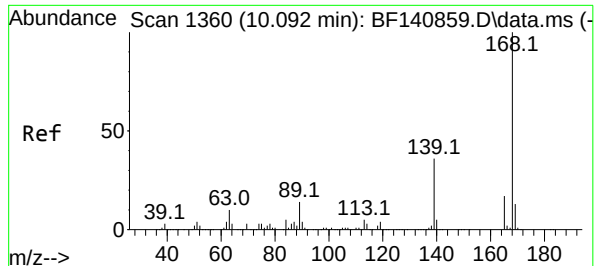
Ion Ratio Lower Upper

184 100

63 63.4 51.6 77.4

154 67.7 56.1 84.1





#55

Dibenzenofuran

Concen: 37.501 ng

RT: 10.092 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

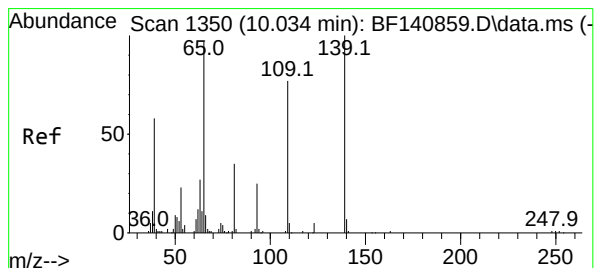
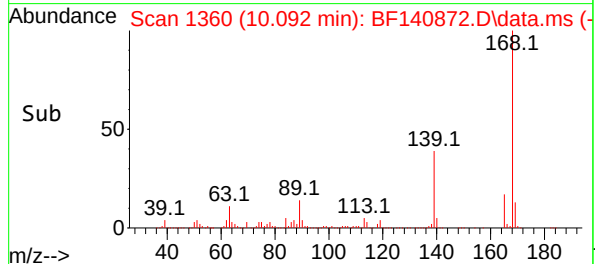
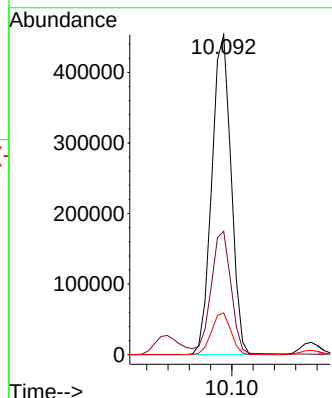
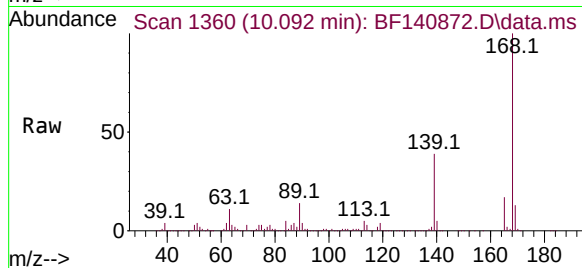
Tgt Ion:168 Resp: 568600

Ion Ratio Lower Upper

168 100

139 38.5 31.1 46.7

169 13.1 10.6 16.0



#56

4-Nitrophenol

Concen: 34.044 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.005 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

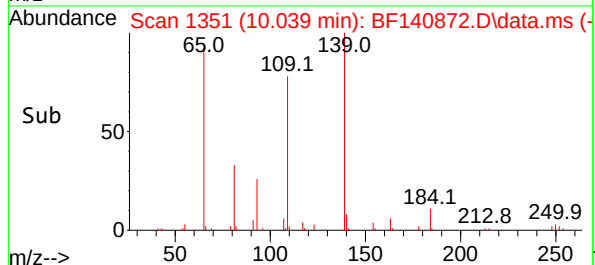
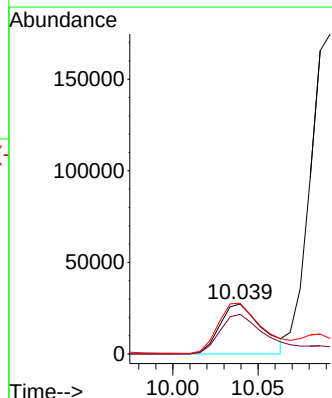
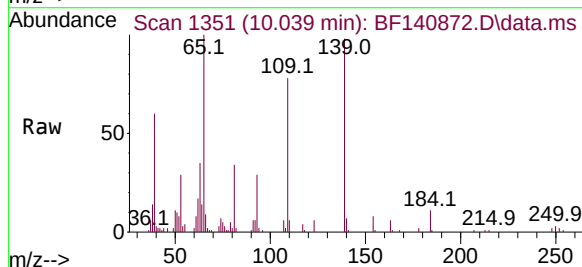
Tgt Ion:139 Resp: 46205

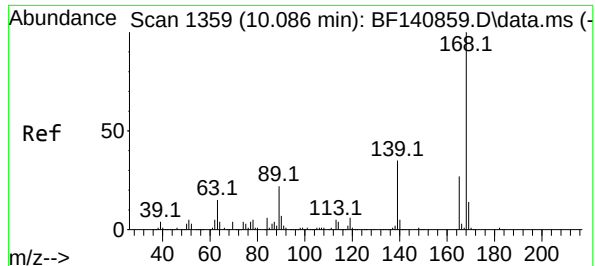
Ion Ratio Lower Upper

139 100

109 79.4 56.7 96.7

65 101.7 78.1 118.1

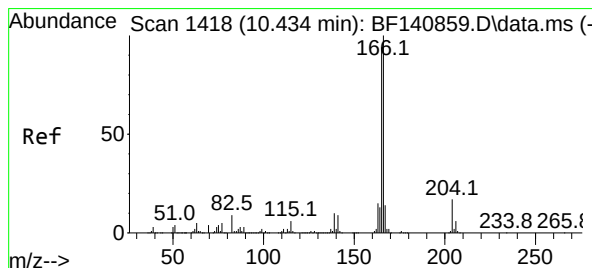
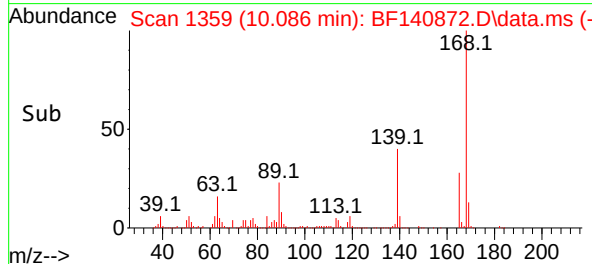
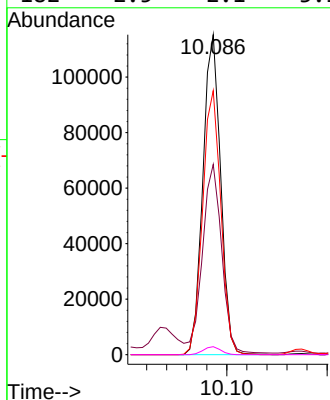
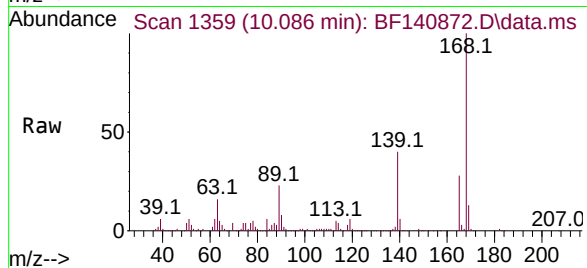




#57
2,4-Dinitrotoluene
Concen: 39.120 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

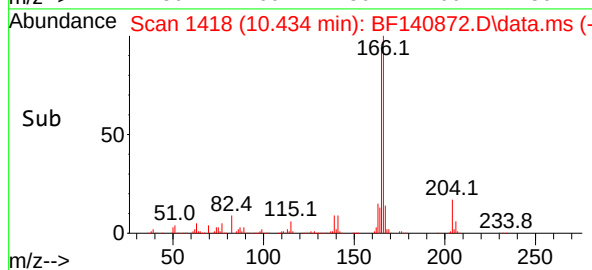
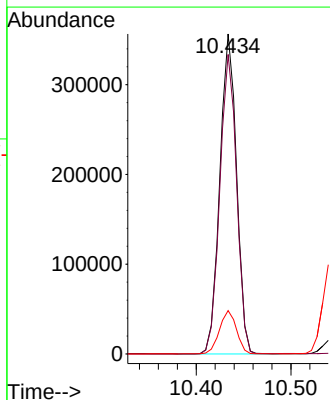
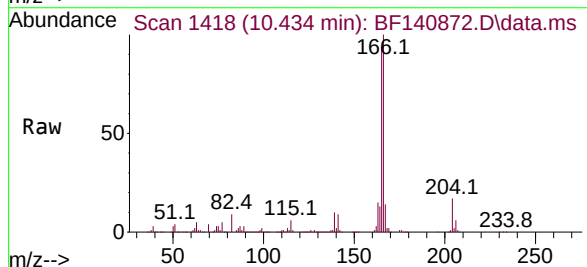
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

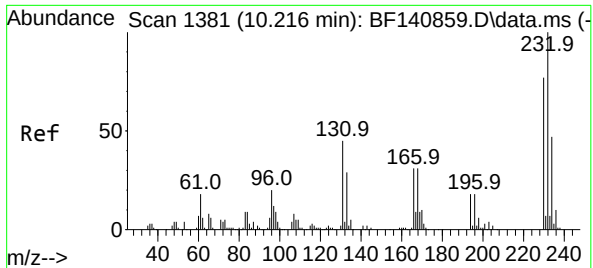
Tgt Ion:165 Resp: 142147
Ion Ratio Lower Upper
165 100
63 59.4 49.3 73.9
89 82.5 66.2 99.4
182 2.5 2.1 3.1



#58
Fluorene
Concen: 35.016 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:166 Resp: 438004
Ion Ratio Lower Upper
166 100
165 93.6 75.1 112.7
167 13.6 11.1 16.7

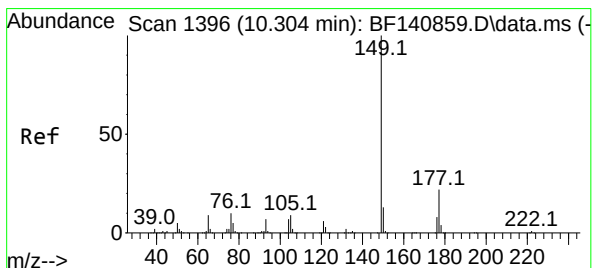
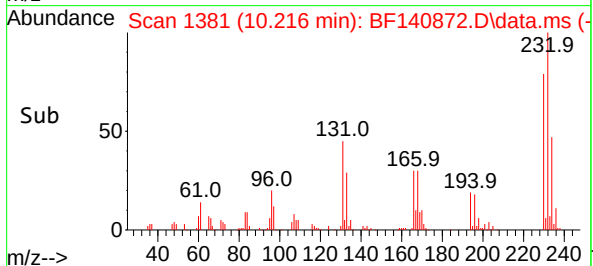
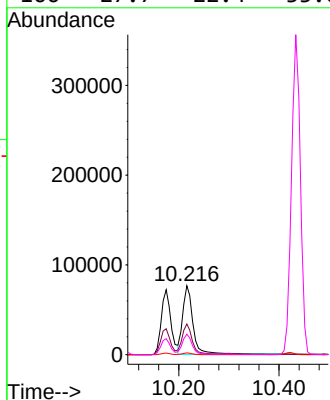
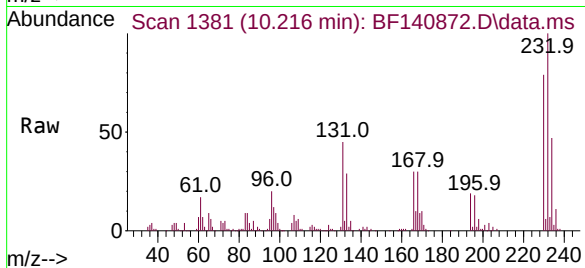




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.183 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

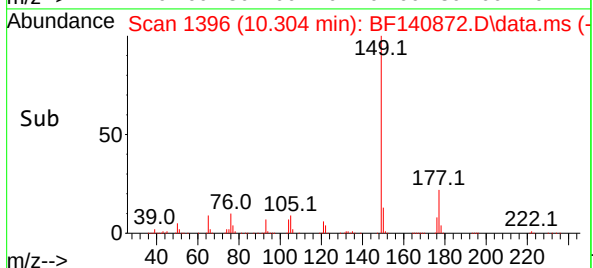
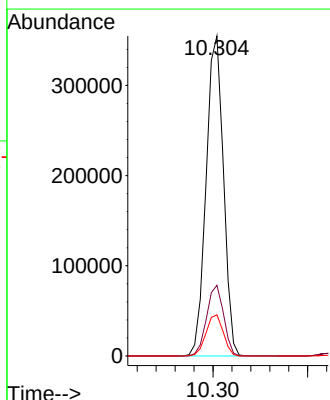
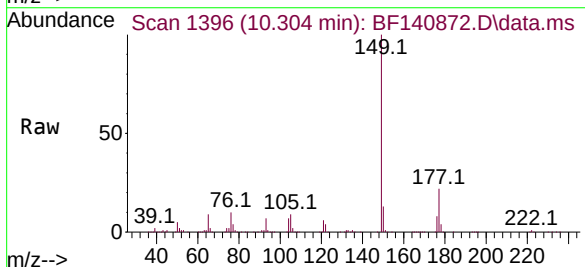
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

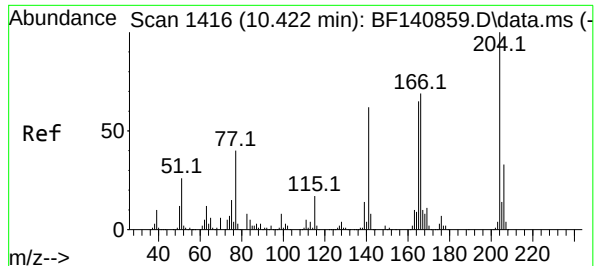
Tgt Ion:232 Resp: 110282
Ion Ratio Lower Upper
232 100
131 43.9 35.1 52.7
130 2.4 1.8 2.8
166 27.7 22.4 33.6



#60
Diethylphthalate
Concen: 35.911 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:149 Resp: 449852
Ion Ratio Lower Upper
149 100
177 22.1 17.2 25.8
150 12.8 10.1 15.1

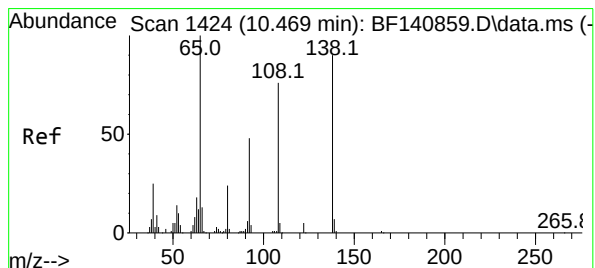
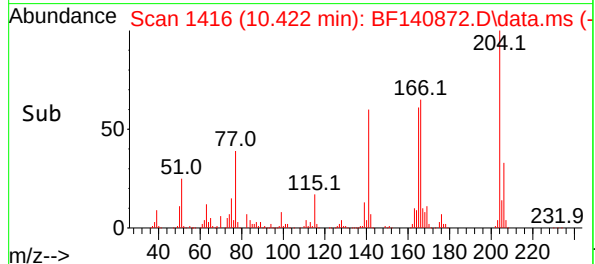
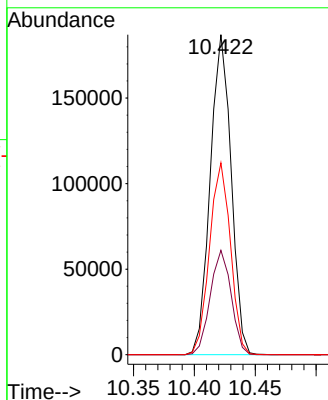
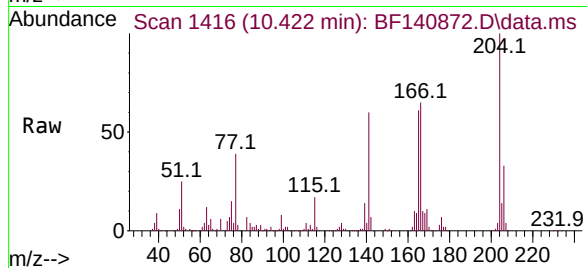




#61
4-Chlorophenyl-phenylether
Concen: 35.468 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

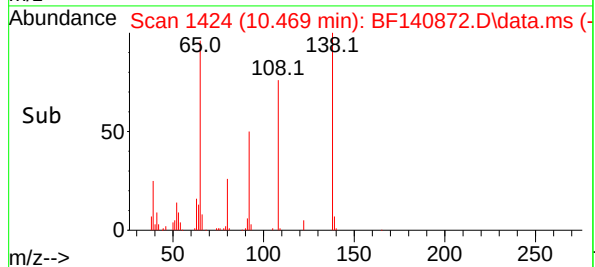
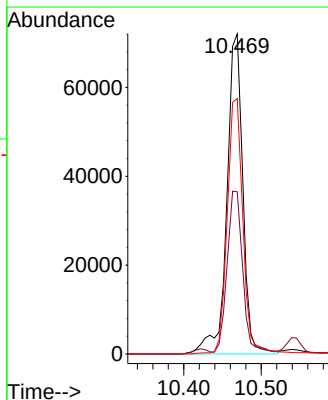
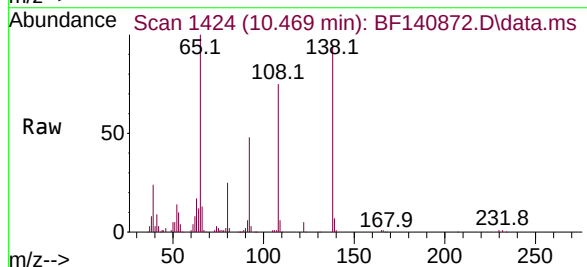
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

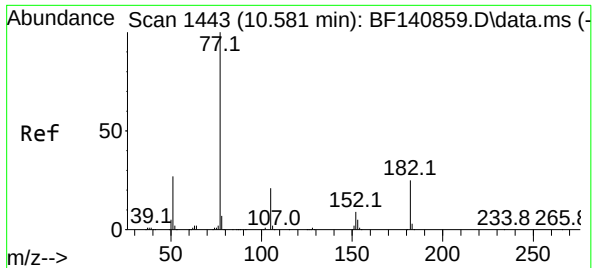
Tgt Ion:204 Resp: 222856
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 60.0 50.0 75.0



#62
4-Nitroaniline
Concen: 36.184 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:138 Resp: 103630
Ion Ratio Lower Upper
138 100
92 50.7 32.6 72.6
108 79.8 64.1 104.1

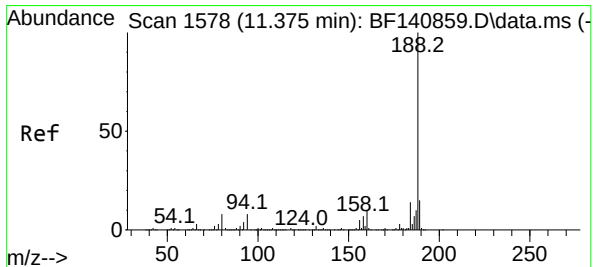
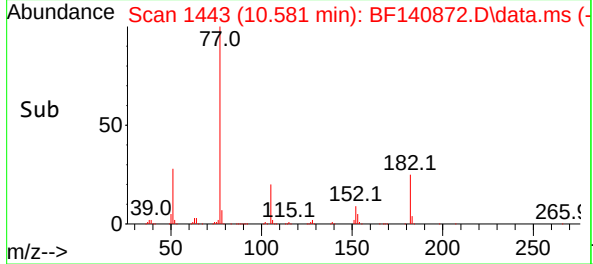
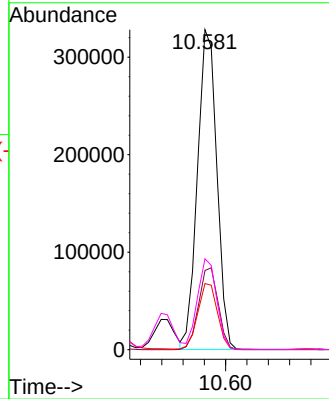
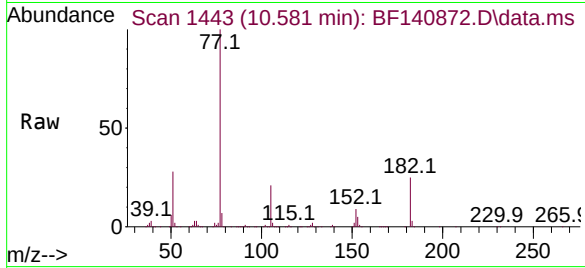




#63
Azobenzene
Concen: 35.327 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

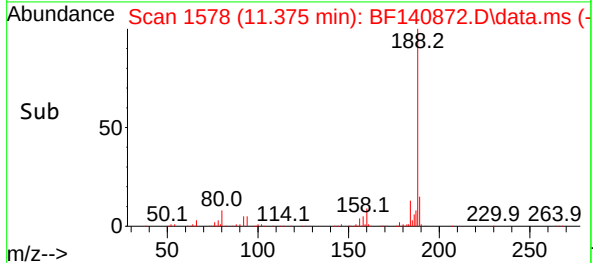
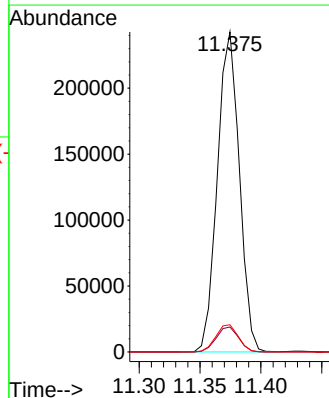
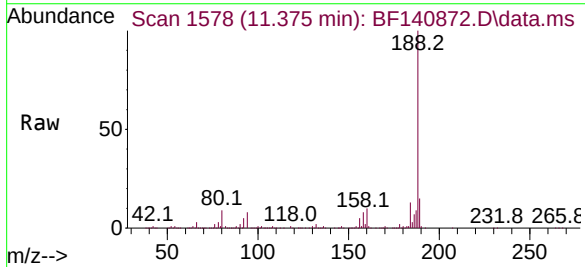
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

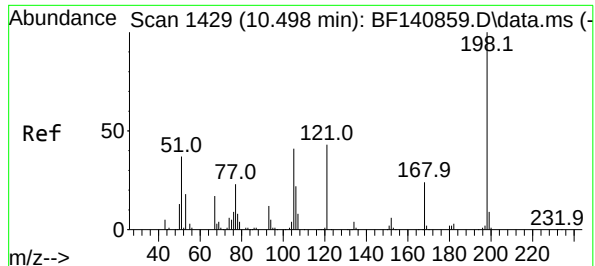
Tgt Ion: 77	Resp: 416040
Ion Ratio	Lower Upper
77 100	
182 24.7	4.5 44.5
105 20.7	0.9 40.9
51 28.4	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion: 188	Resp: 305119
Ion Ratio	Lower Upper
188 100	
94 7.8	6.4 9.6
80 8.5	6.8 10.2

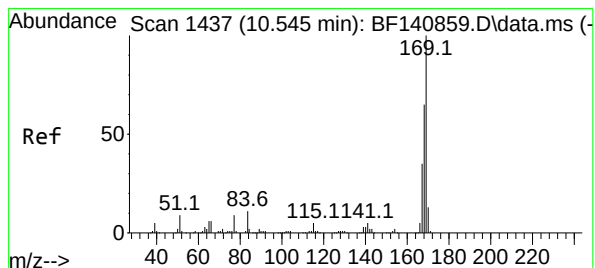
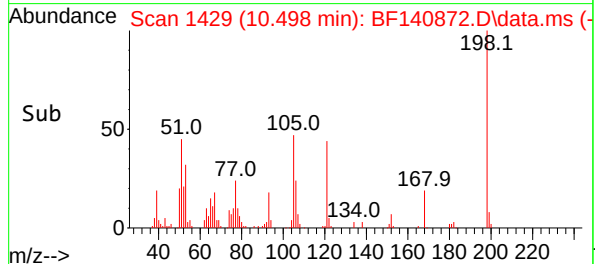
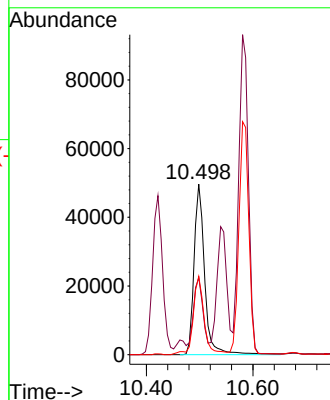
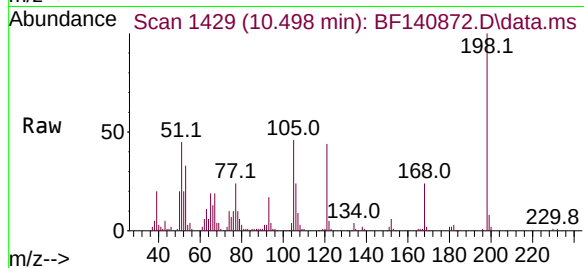




#65
4,6-Dinitro-2-methylphenol
Concen: 39.884 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

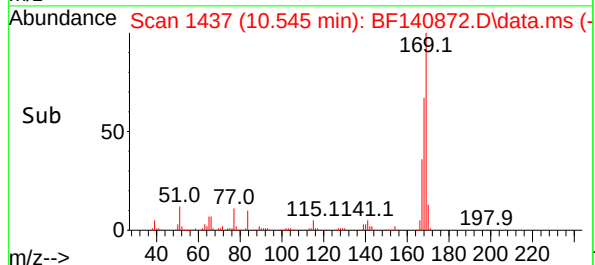
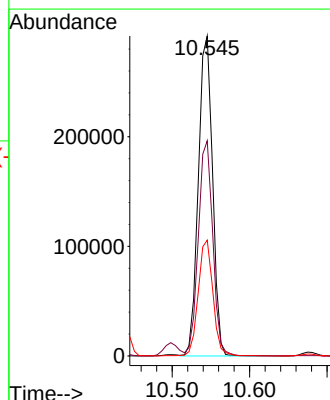
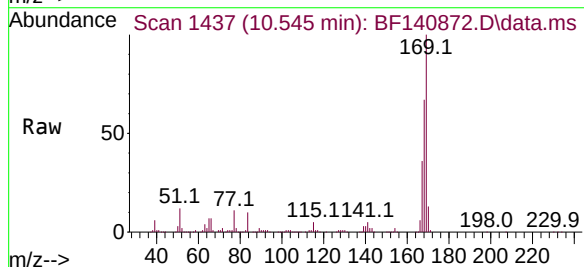
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

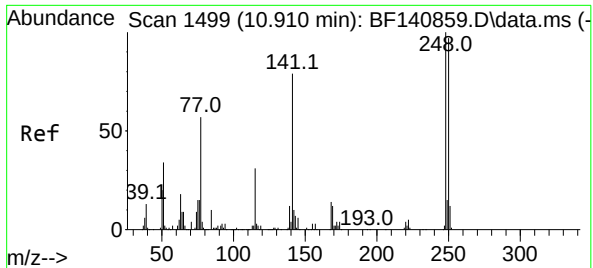
Tgt Ion:198 Resp: 68959
Ion Ratio Lower Upper
198 100
51 45.1 24.4 64.4
105 45.8 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 39.625 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:169 Resp: 371719
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.0
167 36.2 28.3 42.5

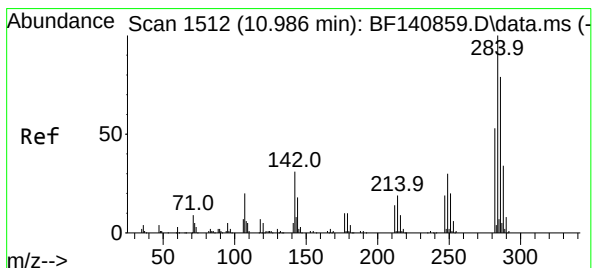
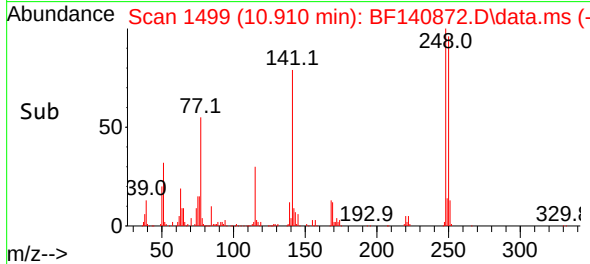
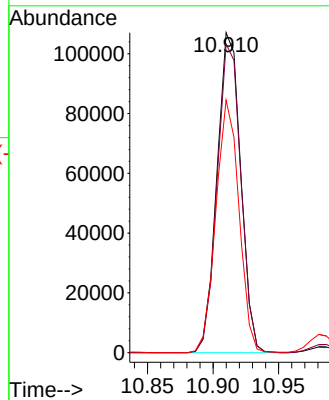
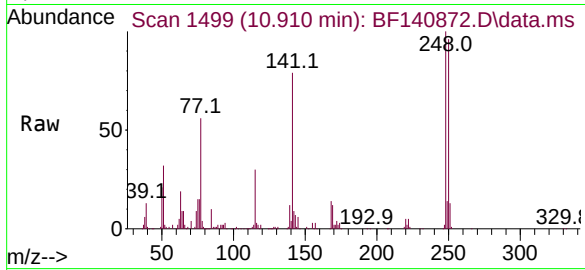




#67
4-Bromophenyl-phenylether
Concen: 39.343 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

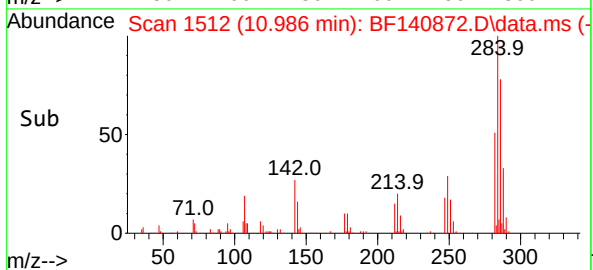
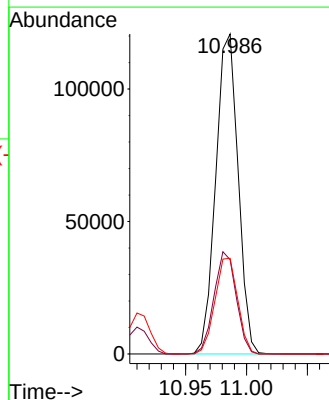
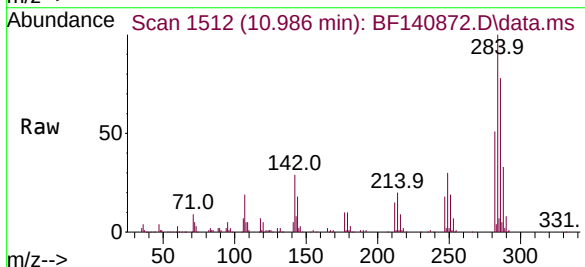
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

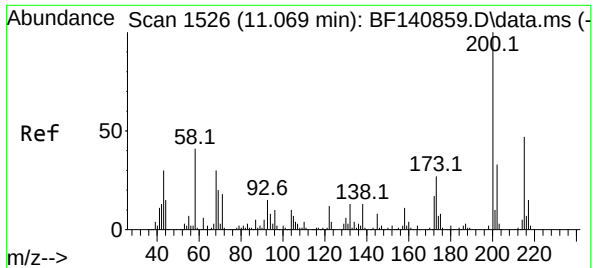
Tgt Ion:248 Resp: 134296
Ion Ratio Lower Upper
248 100
250 96.5 77.4 116.2
141 78.9 62.9 94.3



#68
Hexachlorobenzene
Concen: 39.860 ng
RT: 10.986 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:284 Resp: 154263
Ion Ratio Lower Upper
284 100
142 29.4 24.6 36.8
249 29.9 24.3 36.5





#69

Atrazine

Concen: 38.739 ng

RT: 11.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

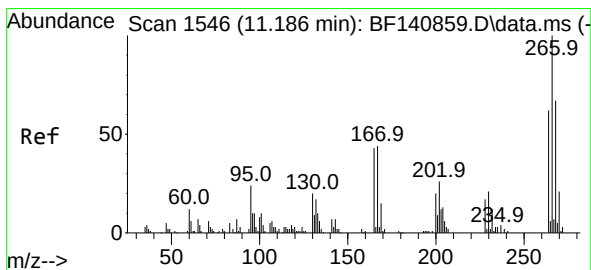
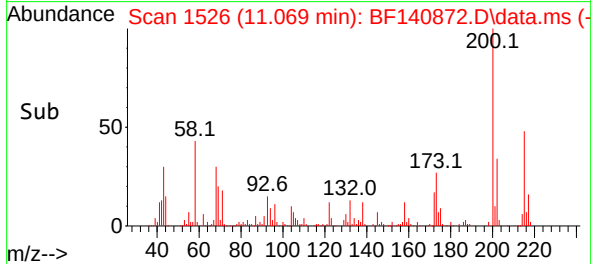
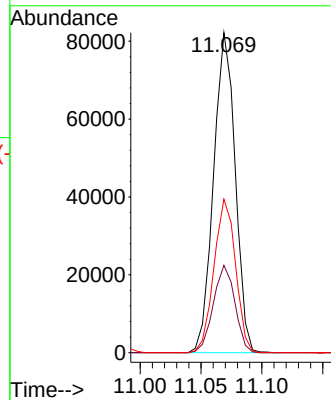
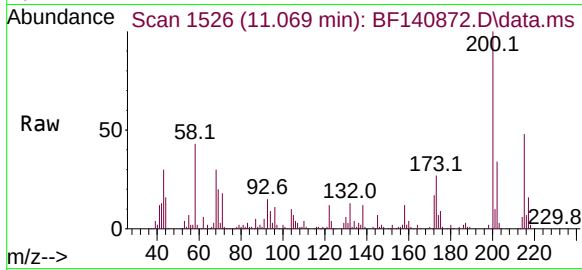
Tgt Ion:200 Resp: 101496

Ion Ratio Lower Upper

200 100

173 27.3 6.6 46.6

215 48.0 26.7 66.7



#70

Pentachlorophenol

Concen: 36.883 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

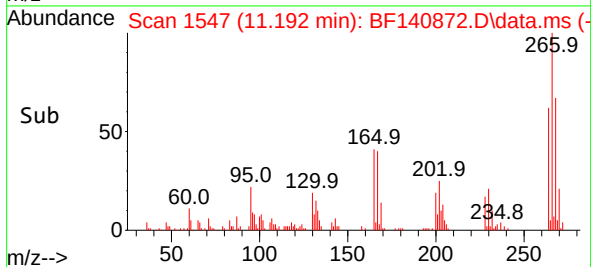
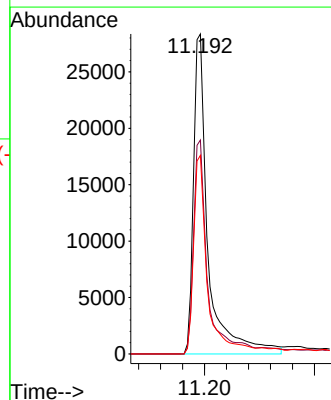
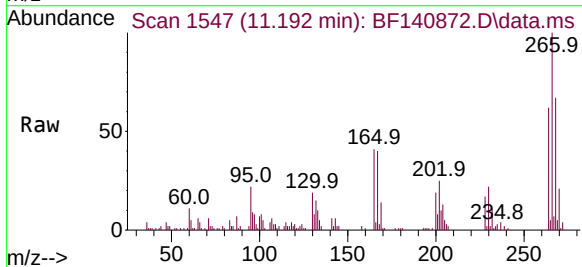
Tgt Ion:266 Resp: 52188

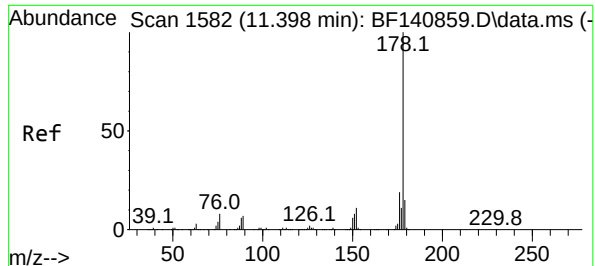
Ion Ratio Lower Upper

266 100

268 66.8 54.0 81.0

264 62.1 49.4 74.2





#71

Phenanthrene

Concen: 38.619 ng

RT: 11.398 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

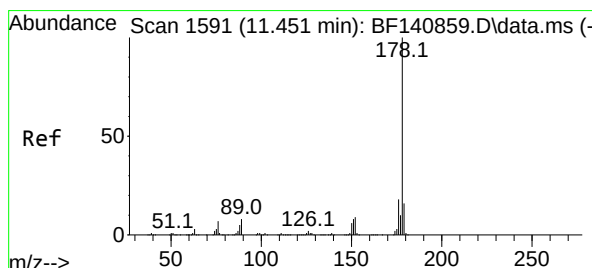
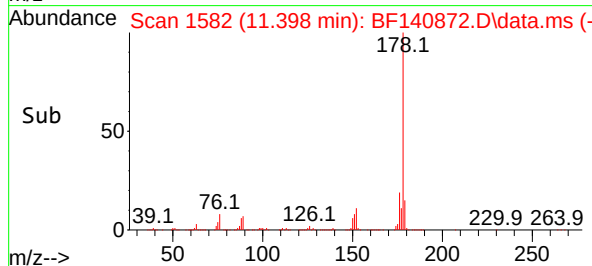
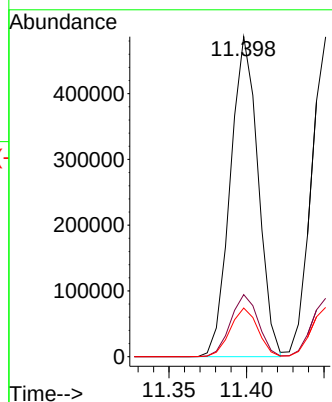
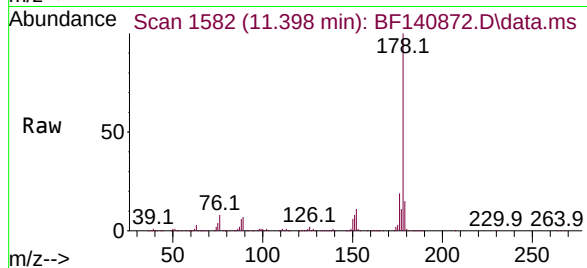
Tgt Ion:178 Resp: 605957

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.2 12.1 18.1



#72

Anthracene

Concen: 38.955 ng

RT: 11.451 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

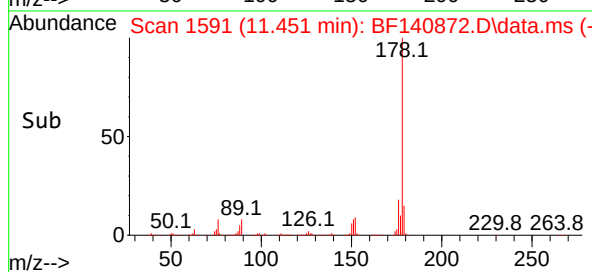
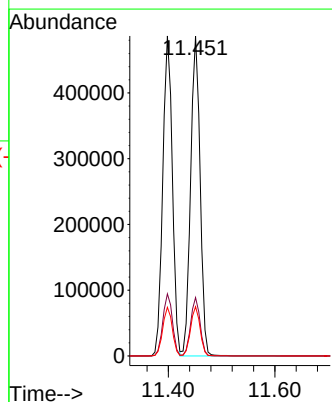
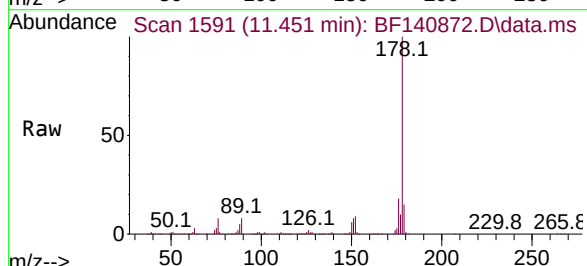
Tgt Ion:178 Resp: 601930

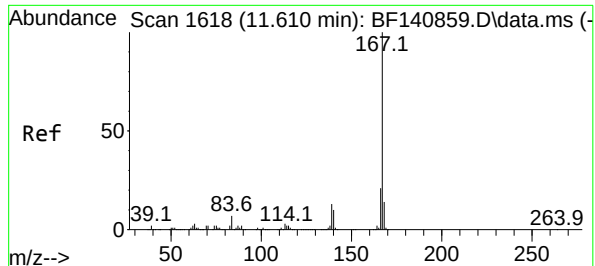
Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

179 15.4 12.6 18.8

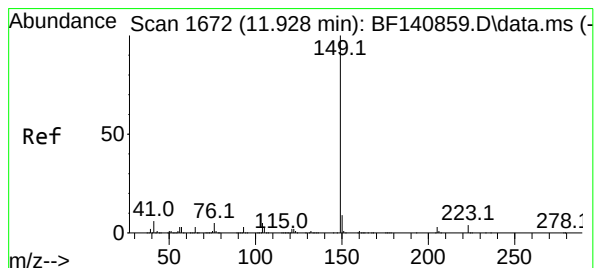
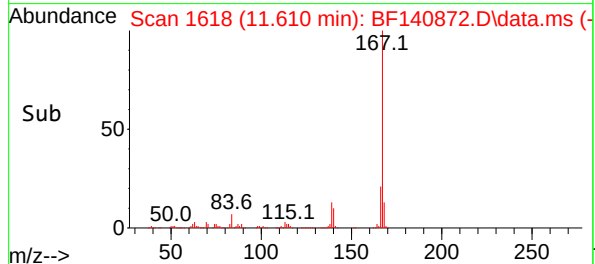
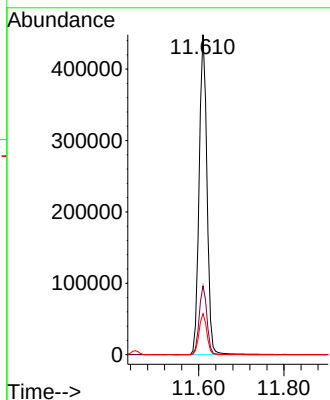
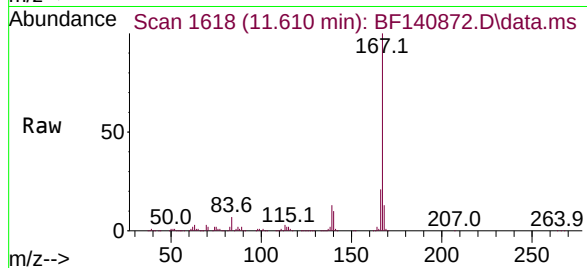




#73
Carbazole
Concen: 37.753 ng
RT: 11.610 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

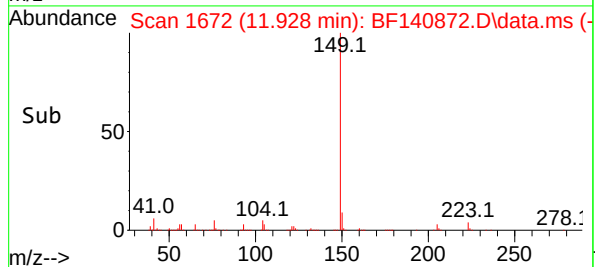
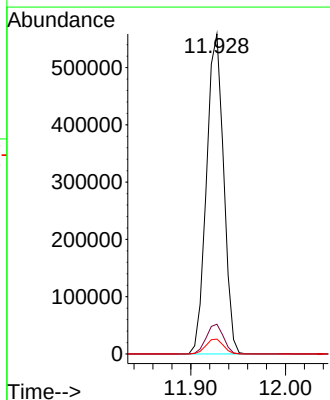
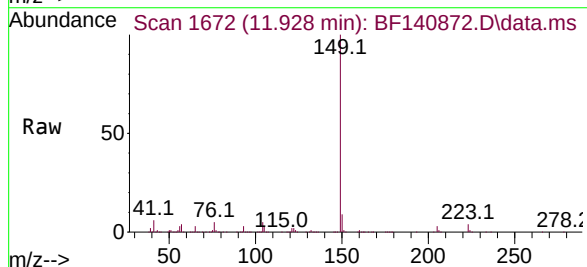
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

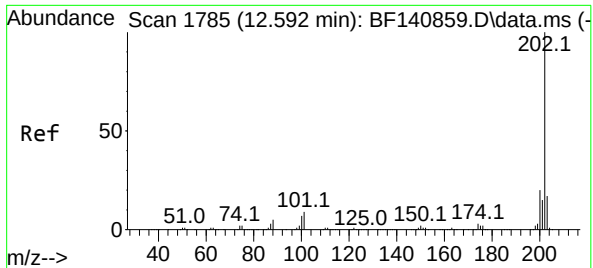
Tgt Ion:167 Resp: 571386
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 12.8 10.2 15.2



#74
Di-n-butylphthalate
Concen: 39.349 ng
RT: 11.928 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:149 Resp: 698939
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.7 3.8 5.8

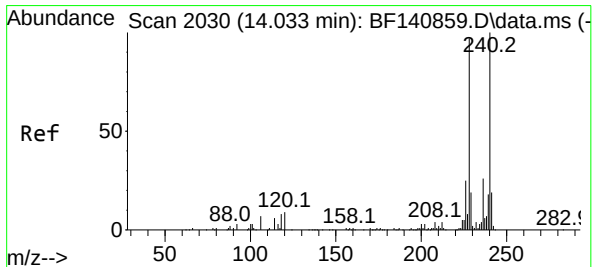
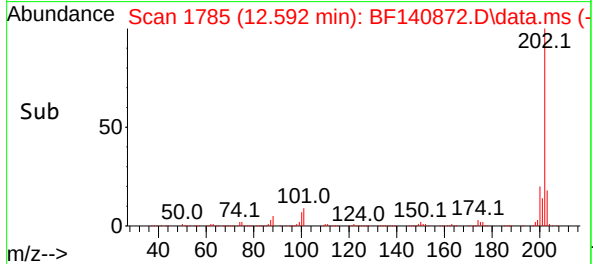
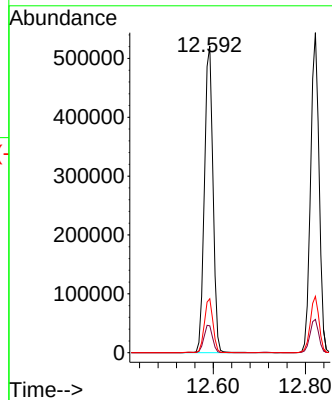
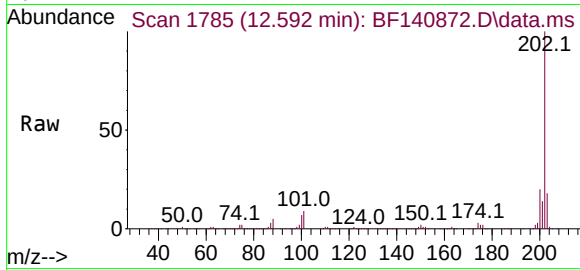




#75
Fluoranthene
Concen: 37.448 ng
RT: 12.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

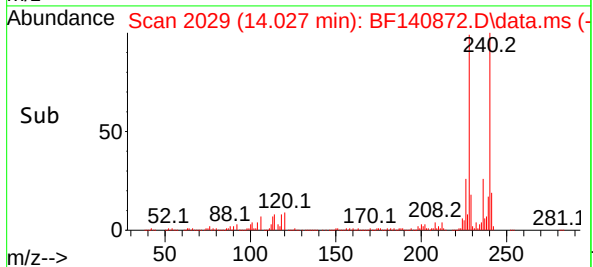
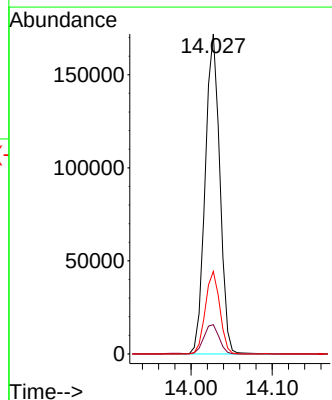
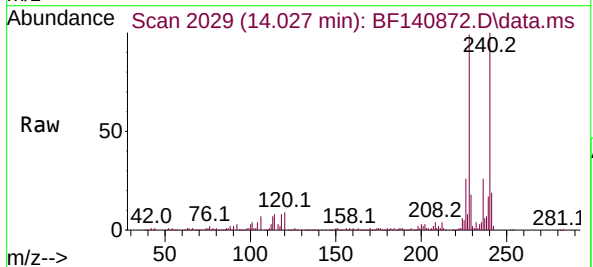
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

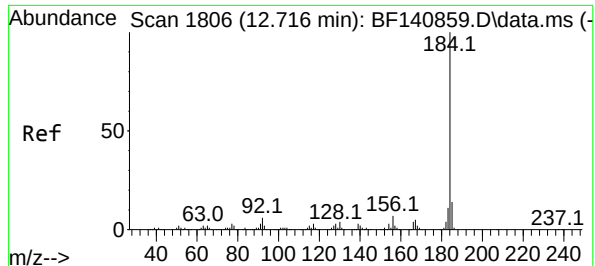
Tgt Ion:202 Resp: 676693
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.3
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:240 Resp: 214494
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 25.8 20.5 30.7





#77

Benzidine

Concen: 37.705 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

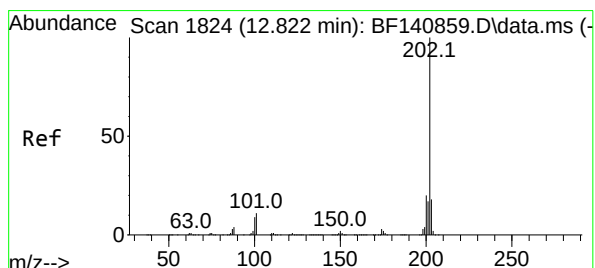
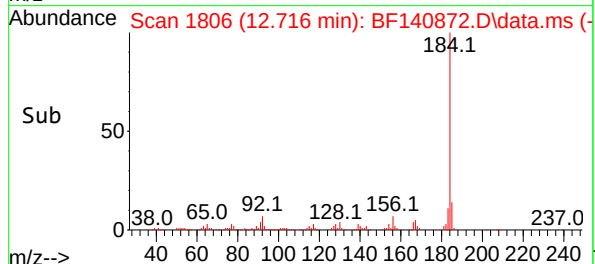
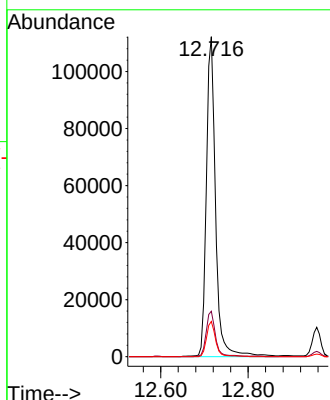
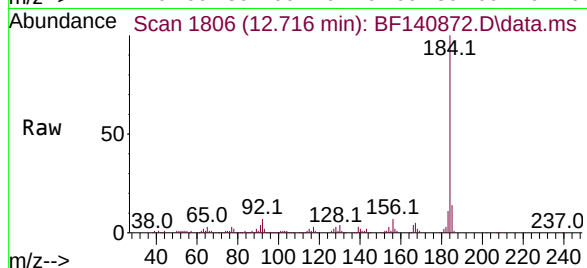
Tgt Ion:184 Resp: 165063

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

183 11.0 9.0 13.4



#78

Pyrene

Concen: 36.348 ng

RT: 12.822 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

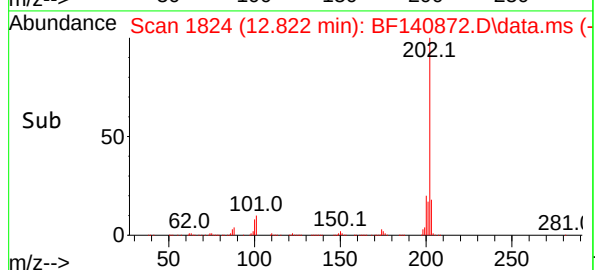
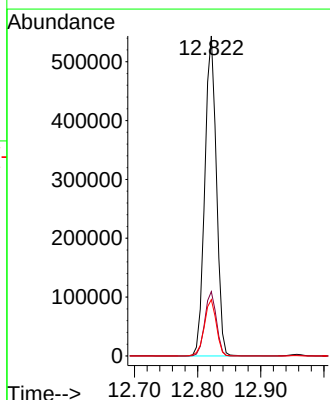
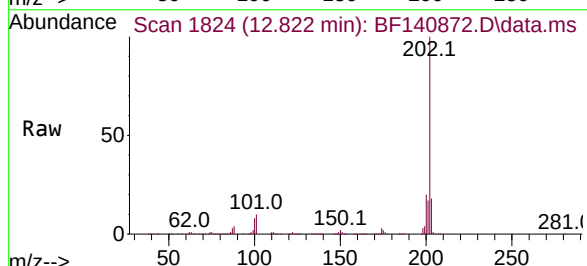
Tgt Ion:202 Resp: 693296

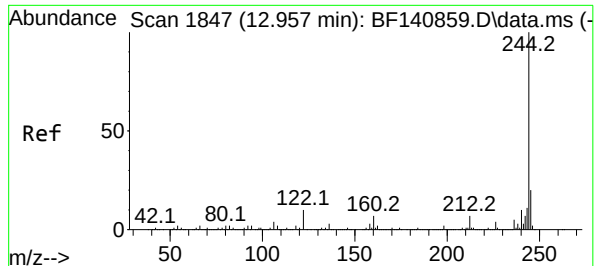
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 73.570 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF140872.D

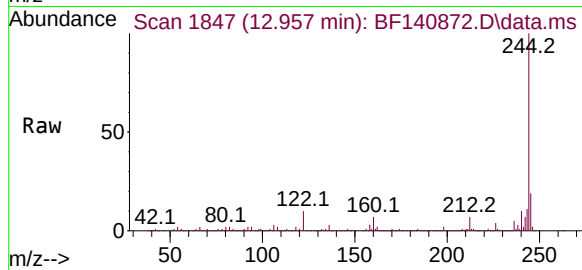
Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



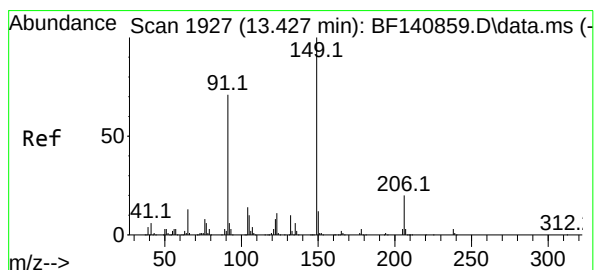
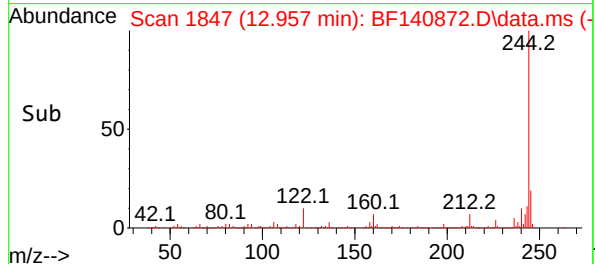
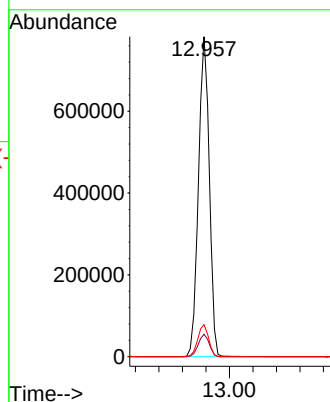
Tgt Ion:244 Resp: 1000739

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.0 8.2 12.2



#80

Butylbenzylphthalate

Concen: 39.801 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

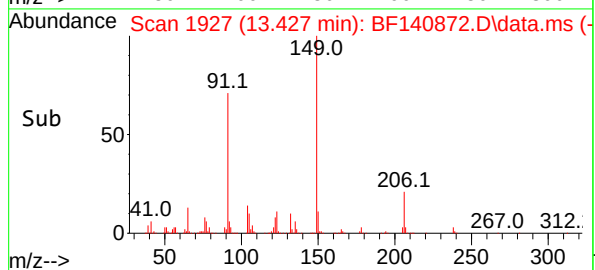
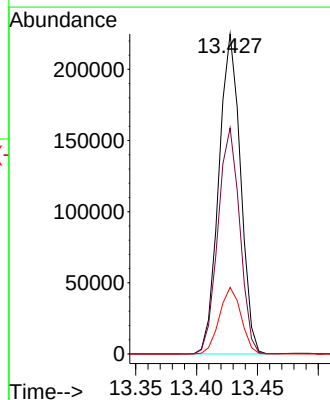
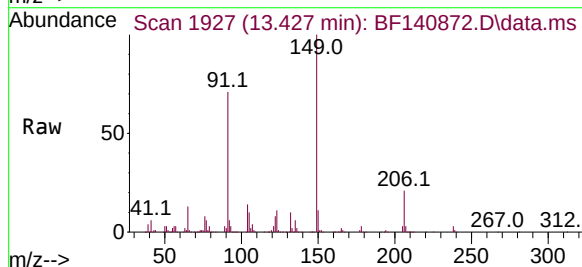
Tgt Ion:149 Resp: 279336

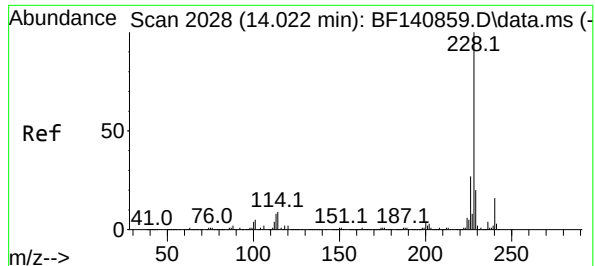
Ion Ratio Lower Upper

149 100

91 70.7 56.7 85.1

206 20.8 16.4 24.6

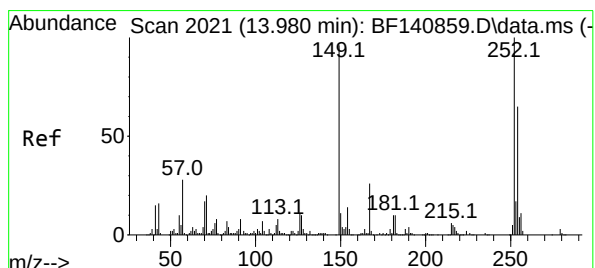
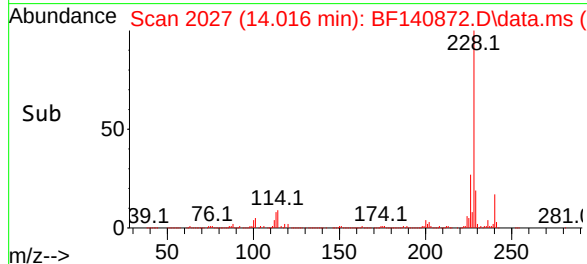
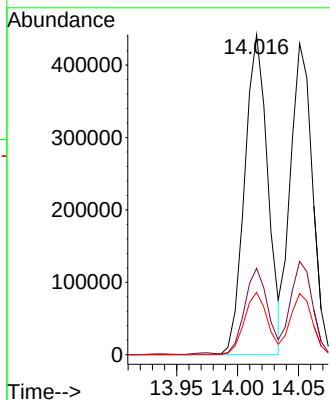
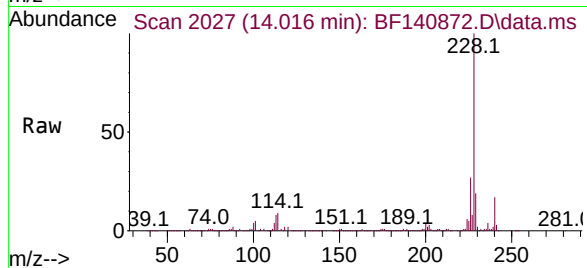




#81
Benzo(a)anthracene
Concen: 38.444 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

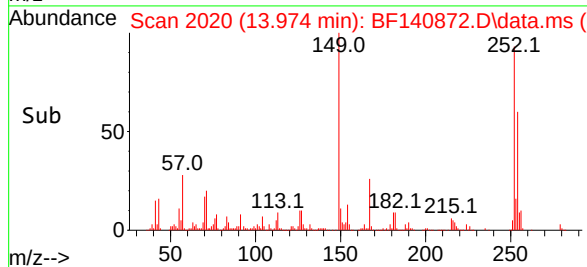
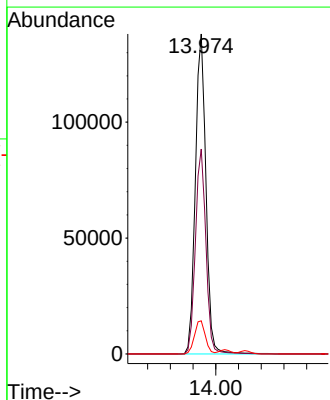
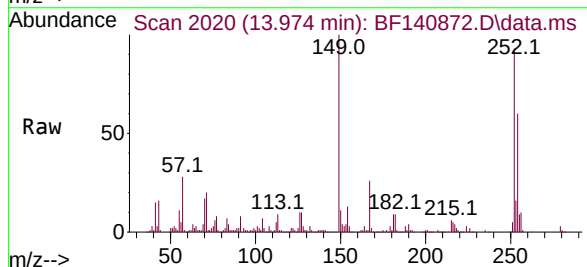
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

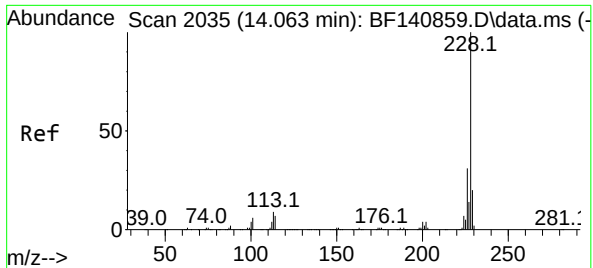
Tgt Ion:228 Resp: 584415
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.5 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 39.088 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:252 Resp: 179277
Ion Ratio Lower Upper
252 100
254 64.0 52.3 78.5
126 10.3 8.4 12.6

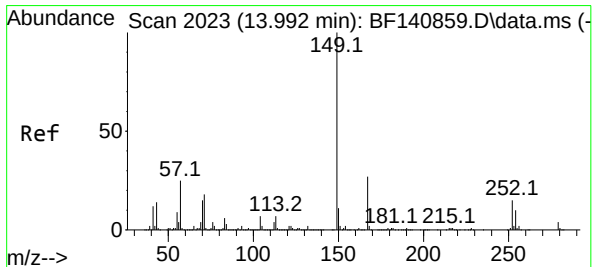
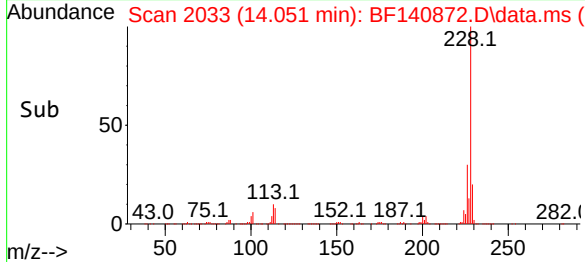
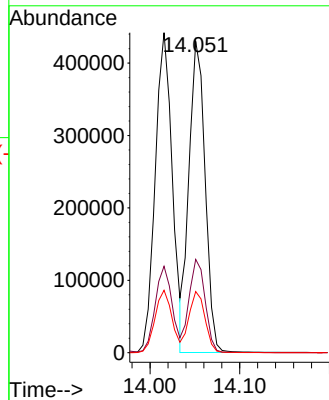
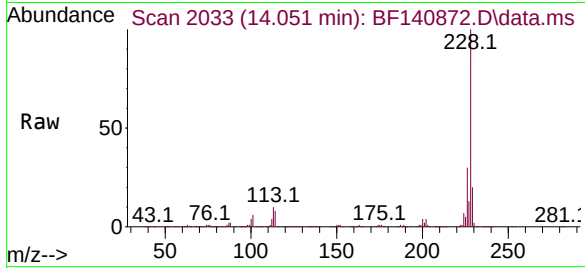




#83
Chrysene
Concen: 39.002 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

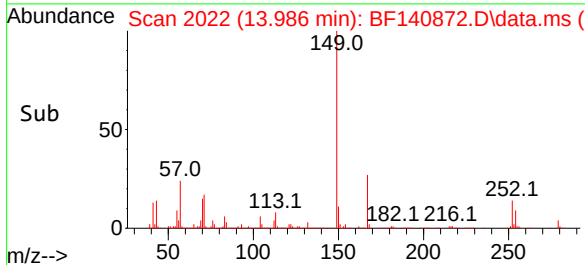
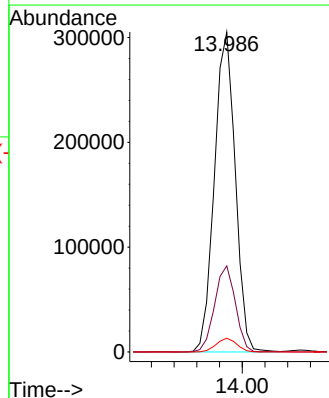
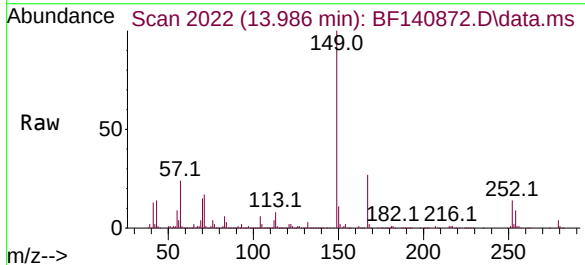
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

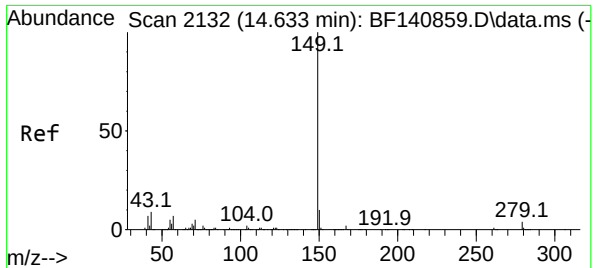
Tgt Ion:228 Resp: 539142
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.6 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.999 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:149 Resp: 389128
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.3 3.5 5.3

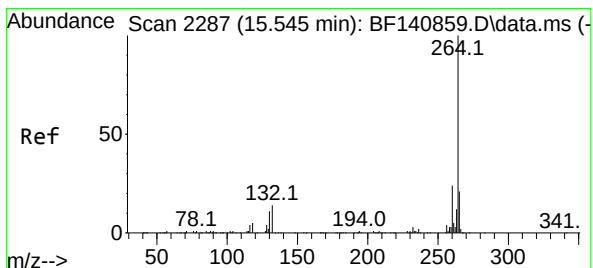
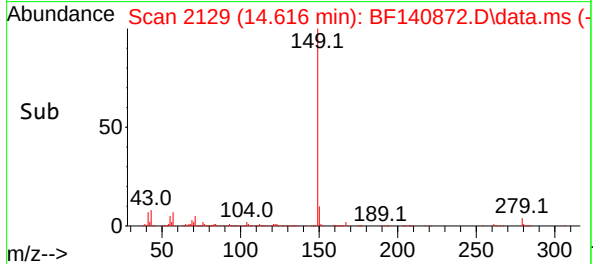
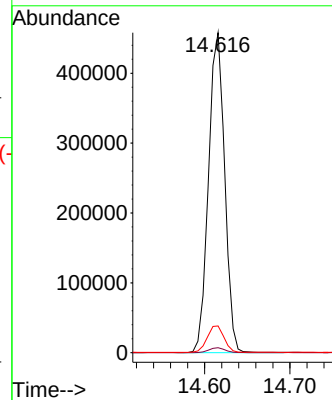
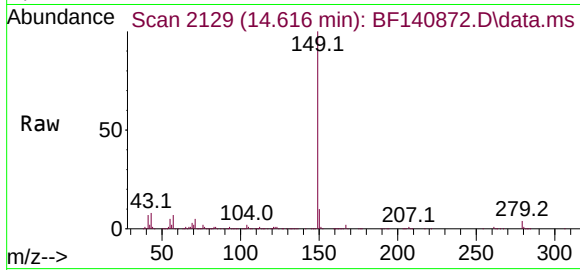




#85
Di-n-octyl phthalate
Concen: 44.146 ng
RT: 14.616 min Scan# 2132
Delta R.T. -0.018 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

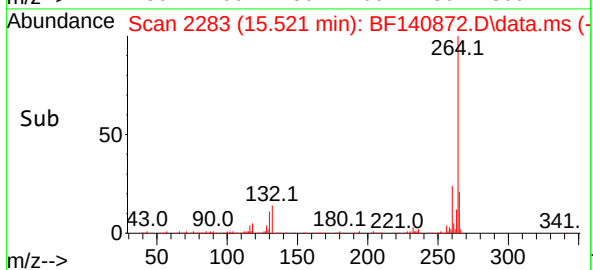
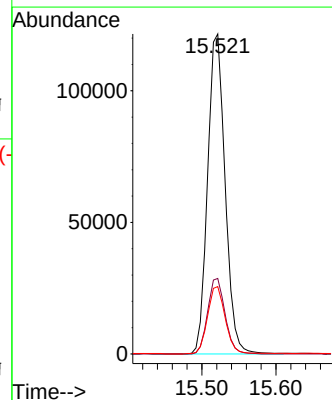
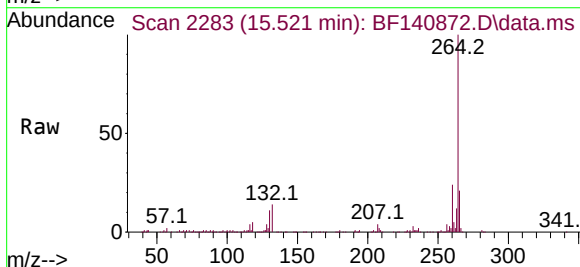
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

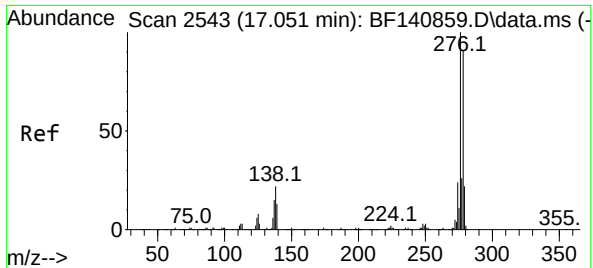
Tgt Ion:149 Resp: 604409
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.024 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:264 Resp: 199592
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.1 17.0 25.4

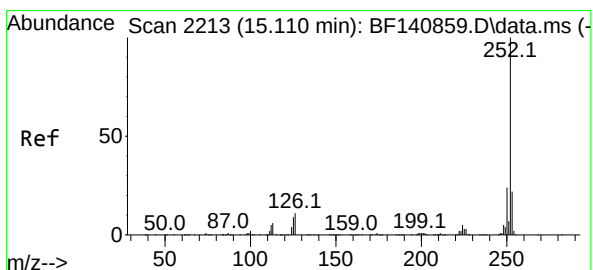
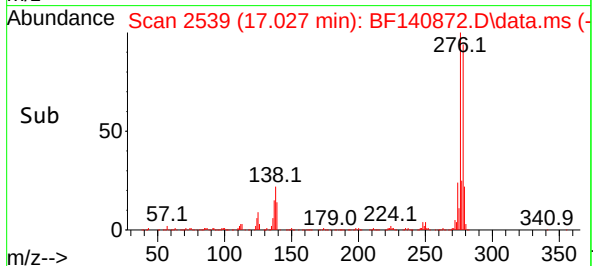
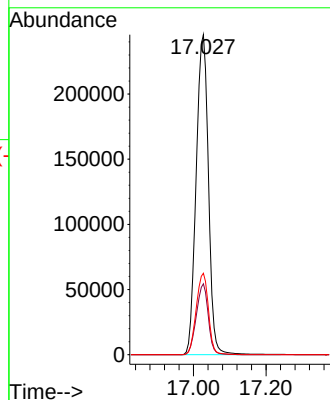
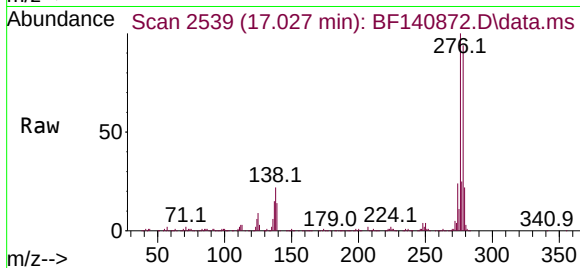




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.297 ng
 RT: 17.027 min Scan# 2109
 Delta R.T. -0.023 min
 Lab File: BF140872.D
 Acq: 17 Dec 2024 09:24

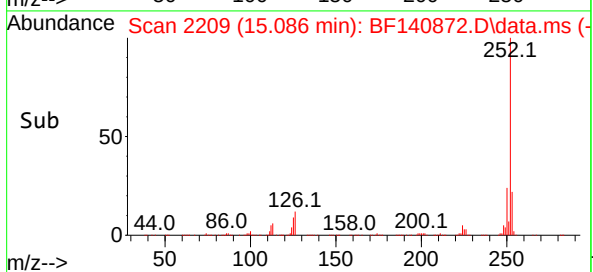
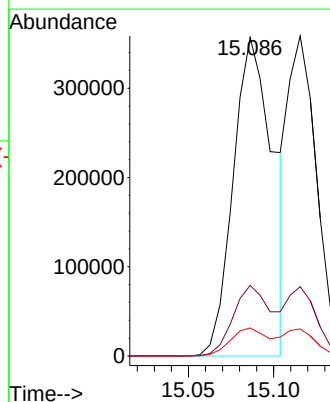
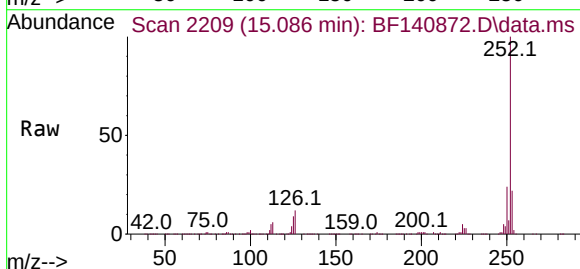
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

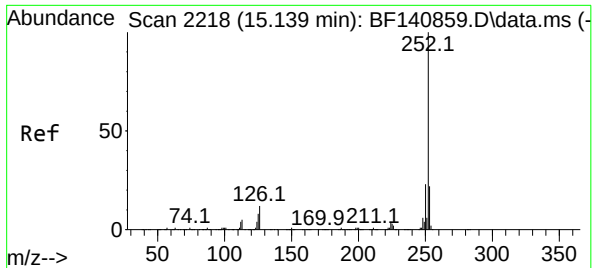
Tgt Ion:276 Resp: 576644
 Ion Ratio Lower Upper
 276 100
 138 21.4 16.9 25.3
 277 25.2 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 41.921 ng
 RT: 15.086 min Scan# 2209
 Delta R.T. -0.024 min
 Lab File: BF140872.D
 Acq: 17 Dec 2024 09:24

Tgt Ion:252 Resp: 580797
 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: 35.611 ng

RT: 15.116 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

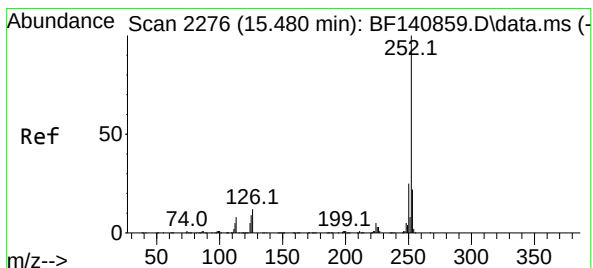
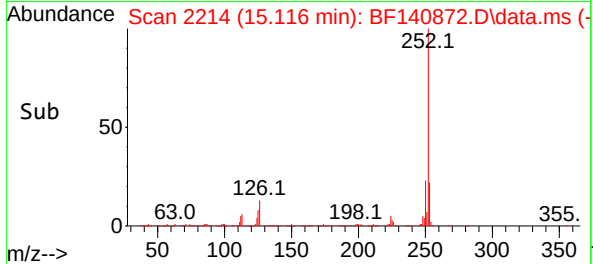
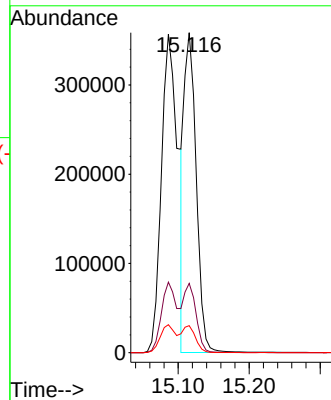
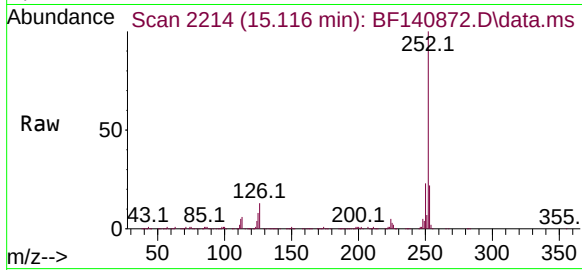
Tgt Ion:252 Resp: 423225

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.5 6.8 10.2



#90

Benzo(a)pyrene

Concen: 39.087 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.023 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

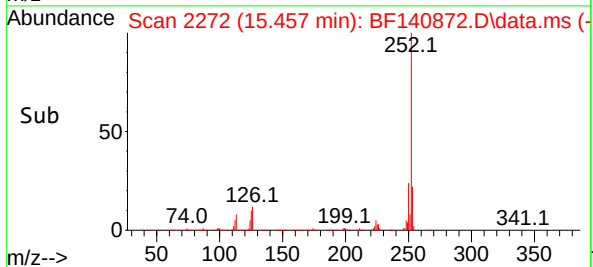
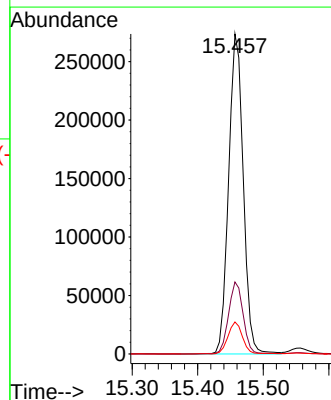
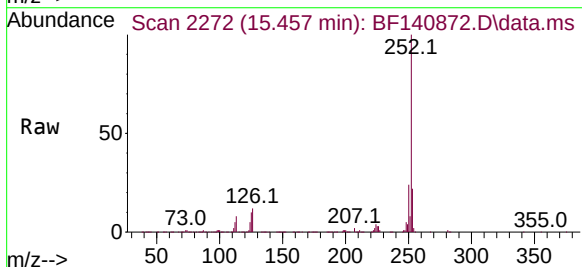
Tgt Ion:252 Resp: 424036

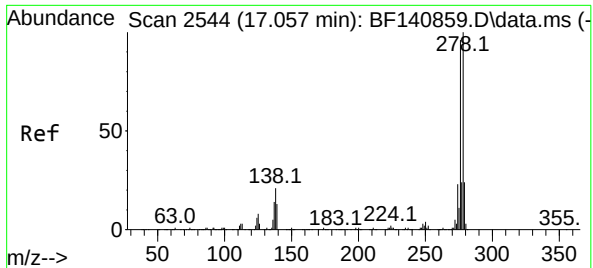
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 10.0 7.5 11.3

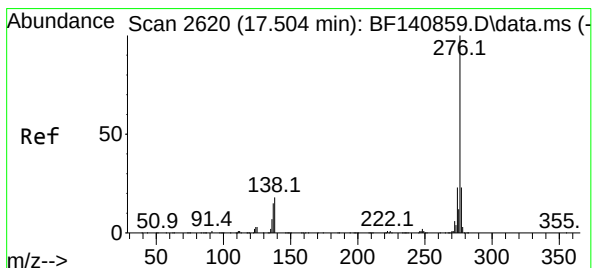
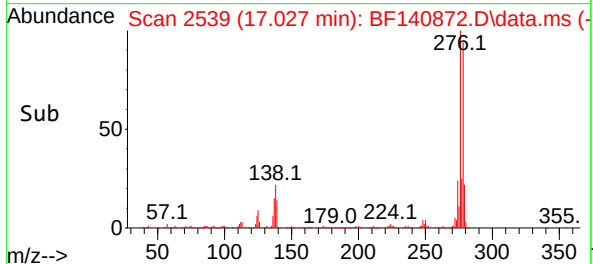
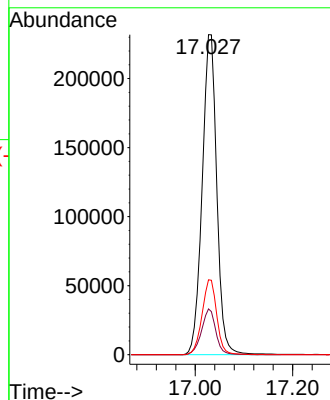
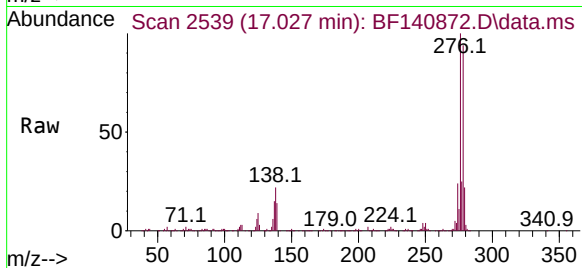




#91
Dibenzo(a,h)anthracene
Concen: 46.673 ng
RT: 17.027 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

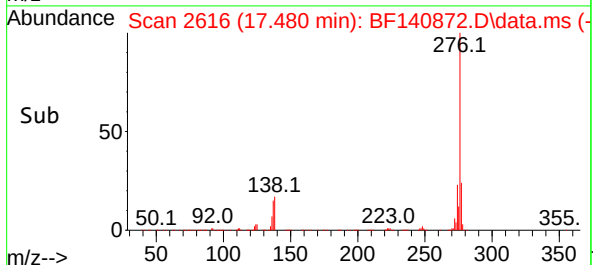
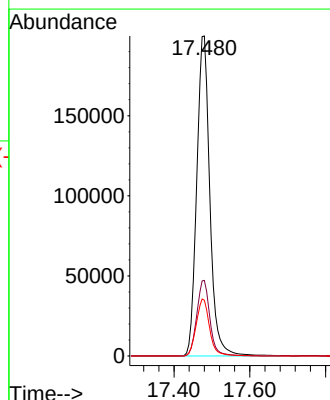
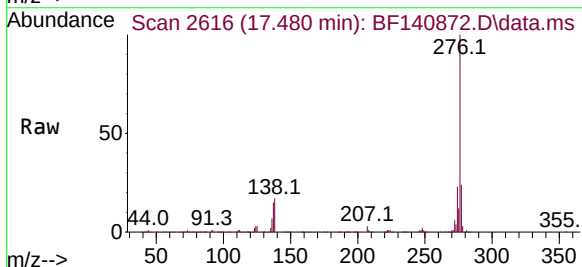
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 481595
Ion Ratio Lower Upper
278 100
139 14.3 10.6 16.0
279 23.4 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 45.935 ng
RT: 17.480 min Scan# 2616
Delta R.T. -0.023 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:276 Resp: 482409
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 17.4 14.2 21.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140872.D
 Acq On : 17 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 17 09:45:23 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	104	0.00
2	1,4-Dioxane	0.523	0.457	12.6	95	-0.03
3	Pyridine	1.212	1.279	-5.5	109	-0.03
4	n-Nitrosodimethylamine	0.611	0.592	3.1	102	-0.03
5 S	2-Fluorophenol	1.215	1.279	-5.3	111	0.00
6	Aniline	1.376	1.340	2.6	102	0.00
7 S	Phenol-d6	1.609	1.590	1.2	106	0.00
8	2-Chlorophenol	1.325	1.299	2.0	104	0.00
9	Benzaldehyde	0.892	0.877	1.7	106	0.00
10 C	Phenol	1.668	1.641	1.6	105	0.00
11	bis(2-Chloroethyl)ether	1.244	1.251	-0.6	106	0.00
12	1,3-Dichlorobenzene	1.510	1.487	1.5	105	0.00
13 C	1,4-Dichlorobenzene	1.532	1.502	2.0	104	0.00
14	1,2-Dichlorobenzene	1.446	1.406	2.8	102	0.00
15	Benzyl Alcohol	1.151	1.124	2.3	102	0.00
16	2,2'-oxybis(1-Chloropropane	1.465	1.450	1.0	105	0.00
17	2-Methylphenol	1.058	1.040	1.7	104	0.00
18	Hexachloroethane	0.570	0.537	5.8	101	0.00
19 P	n-Nitroso-di-n-propylamine	0.965	0.923	4.4	104	0.00
20	3+4-Methylphenols	1.403	1.341	4.4	103	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	100	0.00
22	Acetophenone	0.500	0.502	-0.4	102	0.00
23 S	Nitrobenzene-d5	0.400	0.396	1.0	101	0.00
24	Nitrobenzene	0.410	0.404	1.5	100	0.00
25	Isophorone	0.670	0.665	0.7	102	0.00
26 C	2-Nitrophenol	0.189	0.188	0.5	100	0.00
27	2,4-Dimethylphenol	0.220	0.222	-0.9	101	0.00
28	bis(2-Chloroethoxy)methane	0.418	0.417	0.2	100	0.00
29 C	2,4-Dichlorophenol	0.304	0.300	1.3	100	0.00
30	1,2,4-Trichlorobenzene	0.349	0.346	0.9	101	0.00
31	Naphthalene	1.099	1.077	2.0	101	0.00
32	Benzoic acid	0.209	0.196	6.2	93	0.00
33	4-Chloroaniline	0.365	0.357	2.2	99	0.00
34 C	Hexachlorobutadiene	0.235	0.225	4.3	97	0.00
35	Caprolactam	0.091	0.094	-3.3	104	0.00
36 C	4-Chloro-3-methylphenol	0.342	0.335	2.0	99	0.00
37	2-Methylnaphthalene	0.727	0.706	2.9	98	0.00
38	1-Methylnaphthalene	0.719	0.696	3.2	98	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00
40	1,2,4,5-Tetrachlorobenzene	0.615	0.603	2.0	99	0.00
41 P	Hexachlorocyclopentadiene	0.153	0.109	28.8#	74	0.00
42 S	2,4,6-Tribromophenol	0.237	0.213	10.1	85	0.00
43 C	2,4,6-Trichlorophenol	0.376	0.371	1.3	97	0.00
44	2,4,5-Trichlorophenol	0.414	0.403	2.7	97	0.00
45 S	2-Fluorobiphenyl	1.455	1.400	3.8	98	0.00
46	1,1'-Biphenyl	1.590	1.539	3.2	97	0.00
47	2-Chloronaphthalene	1.217	1.170	3.9	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140872.D
 Acq On : 17 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 17 09:45:23 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	0.362	1.4	97	0.00
49	Acenaphthylene	1.788	1.723	3.6	95	0.00
50	Dimethylphthalate	1.410	1.364	3.3	96	0.00
51	2,6-Dinitrotoluene	0.322	0.317	1.6	97	0.00
52 C	Acenaphthene	1.142	1.100	3.7	94	0.00
53	3-Nitroaniline	0.320	0.317	0.9	96	0.00
54 P	2,4-Dinitrophenol	0.132	0.109	17.4	78	0.00
55	Dibenzofuran	1.770	1.659	6.3	92	0.00
56 P	4-Nitrophenol	0.150	0.135	10.0	78	0.00
57	2,4-Dinitrotoluene	0.424	0.415	2.1	95	0.00
58	Fluorene	1.460	1.278	12.5	85	0.00
59	2,3,4,6-Tetrachlorophenol	0.337	0.322	4.5	87	0.00
60	Diethylphthalate	1.462	1.313	10.2	87	0.00
61	4-Chlorophenyl-phenylether	0.733	0.650	11.3	87	0.00
62	4-Nitroaniline	0.334	0.302	9.6	86	0.00
63	Azobenzene	1.375	1.214	11.7	85	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
65	4,6-Dinitro-2-methylphenol	0.113	0.113	0.0	82	0.00
66 c	n-Nitrosodiphenylamine	0.615	0.609	1.0	86	0.00
67	4-Bromophenyl-phenylether	0.224	0.220	1.8	84	0.00
68	Hexachlorobenzene	0.254	0.253	0.4	87	0.00
69	Atrazine	0.172	0.166	3.5	84	0.00
70 C	Pentachlorophenol	0.093	0.086	7.5	74	0.00
71	Phenanthrene	1.028	0.993	3.4	85	0.00
72	Anthracene	1.013	0.986	2.7	86	0.00
73	Carbazole	0.992	0.936	5.6	83	0.00
74	Di-n-butylphthalate	1.164	1.145	1.6	86	0.00
75 C	Fluoranthene	1.184	1.109	6.3	83	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	89	0.00
77	Benzydine	0.408	0.385	5.6	85	0.00
78	Pyrene	1.779	1.616	9.2	85	0.00
79 S	Terphenyl-d14	1.268	1.166	8.0	86	0.00
80	Butylbenzylphthalate	0.654	0.651	0.5	90	0.00
81	Benzo(a)anthracene	1.417	1.362	3.9	89	0.00
82	3,3'-Dichlorobenzidine	0.428	0.418	2.3	90	0.00
83	Chrysene	1.289	1.257	2.5	88	-0.01
84	Bis(2-ethylhexyl)phthalate	0.844	0.907	-7.5	98	0.00
85 c	Di-n-octyl phthalate	1.277	1.409	-10.3	103	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	98	-0.02
87	Indeno(1,2,3-cd)pyrene	1.248	1.445	-15.8	112	-0.02
88	Benzo(b)fluoranthene	1.388	1.455	-4.8	111	-0.02
89	Benzo(k)fluoranthene	1.191	1.060	11.0	85	-0.02
90 C	Benzo(a)pyrene	1.087	1.062	2.3	97	-0.02
91	Dibenzo(a,h)anthracene	1.034	1.206	-16.6	112	-0.03
92	Benzo(g,h,i)perylene	1.052	1.208	-14.8	111	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140872.D
Acq On : 17 Dec 2024 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 17 09:45:23 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140872.D
 Acq On : 17 Dec 2024 09:24
 Operator : RC/JU
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Quant Time: Dec 17 09:45:23 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	104	0.00
2	1,4-Dioxane	40.000	34.924	12.7	95	-0.03
3	Pyridine	40.000	42.204	-5.5	109	-0.03
4	n-Nitrosodimethylamine	40.000	38.757	3.1	102	-0.03
5 S	2-Fluorophenol	80.000	84.193	-5.2	111	0.00
6	Aniline	40.000	38.957	2.6	102	0.00
7 S	Phenol-d6	80.000	79.044	1.2	106	0.00
8	2-Chlorophenol	40.000	39.211	2.0	104	0.00
9	Benzaldehyde	40.000	39.340	1.6	106	0.00
10 C	Phenol	40.000	39.347	1.6	105	0.00
11	bis(2-Chloroethyl)ether	40.000	40.231	-0.6	106	0.00
12	1,3-Dichlorobenzene	40.000	39.401	1.5	105	0.00
13 C	1,4-Dichlorobenzene	40.000	39.194	2.0	104	0.00
14	1,2-Dichlorobenzene	40.000	38.892	2.8	102	0.00
15	Benzyl Alcohol	40.000	39.090	2.3	102	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.589	1.0	105	0.00
17	2-Methylphenol	40.000	39.323	1.7	104	0.00
18	Hexachloroethane	40.000	37.677	5.8	101	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.265	4.3	104	0.00
20	3+4-Methylphenols	40.000	38.252	4.4	103	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	100	0.00
22	Acetophenone	40.000	40.145	-0.4	102	0.00
23 S	Nitrobenzene-d5	80.000	79.283	0.9	101	0.00
24	Nitrobenzene	40.000	39.430	1.4	100	0.00
25	Isophorone	40.000	39.733	0.7	102	0.00
26 C	2-Nitrophenol	40.000	39.907	0.2	100	0.00
27	2,4-Dimethylphenol	40.000	40.367	-0.9	101	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.898	0.3	100	0.00
29 C	2,4-Dichlorophenol	40.000	39.416	1.5	100	0.00
30	1,2,4-Trichlorobenzene	40.000	39.674	0.8	101	0.00
31	Naphthalene	40.000	39.230	1.9	101	0.00
32	Benzoic acid	40.000	37.613	6.0	93	0.00
33	4-Chloroaniline	40.000	39.135	2.2	99	0.00
34 C	Hexachlorobutadiene	40.000	38.326	4.2	97	0.00
35	Caprolactam	40.000	41.467	-3.7	104	0.00
36 C	4-Chloro-3-methylphenol	40.000	39.186	2.0	99	0.00
37	2-Methylnaphthalene	40.000	38.885	2.8	98	0.00
38	1-Methylnaphthalene	40.000	38.753	3.1	98	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	96	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.207	2.0	99	0.00
41 P	Hexachlorocyclopentadiene	40.000	33.129	17.2	74	0.00
42 S	2,4,6-Tribromophenol	80.000	72.199	9.8	85	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.412	1.5	97	0.00
44	2,4,5-Trichlorophenol	40.000	38.966	2.6	97	0.00
45 S	2-Fluorobiphenyl	80.000	77.008	3.7	98	0.00
46	1,1'-Biphenyl	40.000	38.718	3.2	97	0.00
47	2-Chloronaphthalene	40.000	38.480	3.8	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140872.D
 Acq On : 17 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 17 09:45:23 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	39.385	1.5	97	0.00
49	Acenaphthylene	40.000	38.543	3.6	95	0.00
50	Dimethylphthalate	40.000	38.696	3.3	96	0.00
51	2,6-Dinitrotoluene	40.000	39.397	1.5	97	0.00
52 C	Acenaphthene	40.000	38.522	3.7	94	0.00
53	3-Nitroaniline	40.000	39.699	0.8	96	0.00
54 P	2,4-Dinitrophenol	40.000	31.895	20.3	78	0.00
55	Dibenzofuran	40.000	37.501	6.2	92	0.00
56 P	4-Nitrophenol	40.000	34.044	14.9	78	0.00
57	2,4-Dinitrotoluene	40.000	39.120	2.2	95	0.00
58	Fluorene	40.000	35.016	12.5	85	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	38.183	4.5	87	0.00
60	Diethylphthalate	40.000	35.911	10.2	87	0.00
61	4-Chlorophenyl-phenylether	40.000	35.468	11.3	87	0.00
62	4-Nitroaniline	40.000	36.184	9.5	86	0.00
63	Azobenzene	40.000	35.327	11.7	85	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	84	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.884	0.3	82	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.625	0.9	86	0.00
67	4-Bromophenyl-phenylether	40.000	39.343	1.6	84	0.00
68	Hexachlorobenzene	40.000	39.860	0.4	87	0.00
69	Atrazine	40.000	38.739	3.2	84	0.00
70 C	Pentachlorophenol	40.000	36.883	7.8	74	0.00
71	Phenanthrene	40.000	38.619	3.5	85	0.00
72	Anthracene	40.000	38.955	2.6	86	0.00
73	Carbazole	40.000	37.753	5.6	83	0.00
74	Di-n-butylphthalate	40.000	39.349	1.6	86	0.00
75 C	Fluoranthene	40.000	37.448	6.4	83	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	89	0.00
77	Benzydine	40.000	37.705	5.7	85	0.00
78	Pyrene	40.000	36.348	9.1	85	0.00
79 S	Terphenyl-d14	80.000	73.570	8.0	86	0.00
80	Butylbenzylphthalate	40.000	39.801	0.5	90	0.00
81	Benzo(a)anthracene	40.000	38.444	3.9	89	0.00
82	3,3'-Dichlorobenzidine	40.000	39.088	2.3	90	0.00
83	Chrysene	40.000	39.002	2.5	88	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	42.999	-7.5	98	0.00
85 c	Di-n-octyl phthalate	40.000	44.146	-10.4	103	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	98	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	46.297	-15.7	112	-0.02
88	Benzo(b)fluoranthene	40.000	41.921	-4.8	111	-0.02
89	Benzo(k)fluoranthene	40.000	35.611	11.0	85	-0.02
90 C	Benzo(a)pyrene	40.000	39.087	2.3	97	-0.02
91	Dibenzo(a,h)anthracene	40.000	46.673	-16.7	112	-0.03
92	Benzo(g,h,i)perylene	40.000	45.935	-14.8	111	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140872.D
Acq On : 17 Dec 2024 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 17 09:45:23 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



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.: P5270 SAS No.: P5270 SDG No.: P5270

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	



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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5270 SAS No.: P5270 SDG No.: P5270

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.

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

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

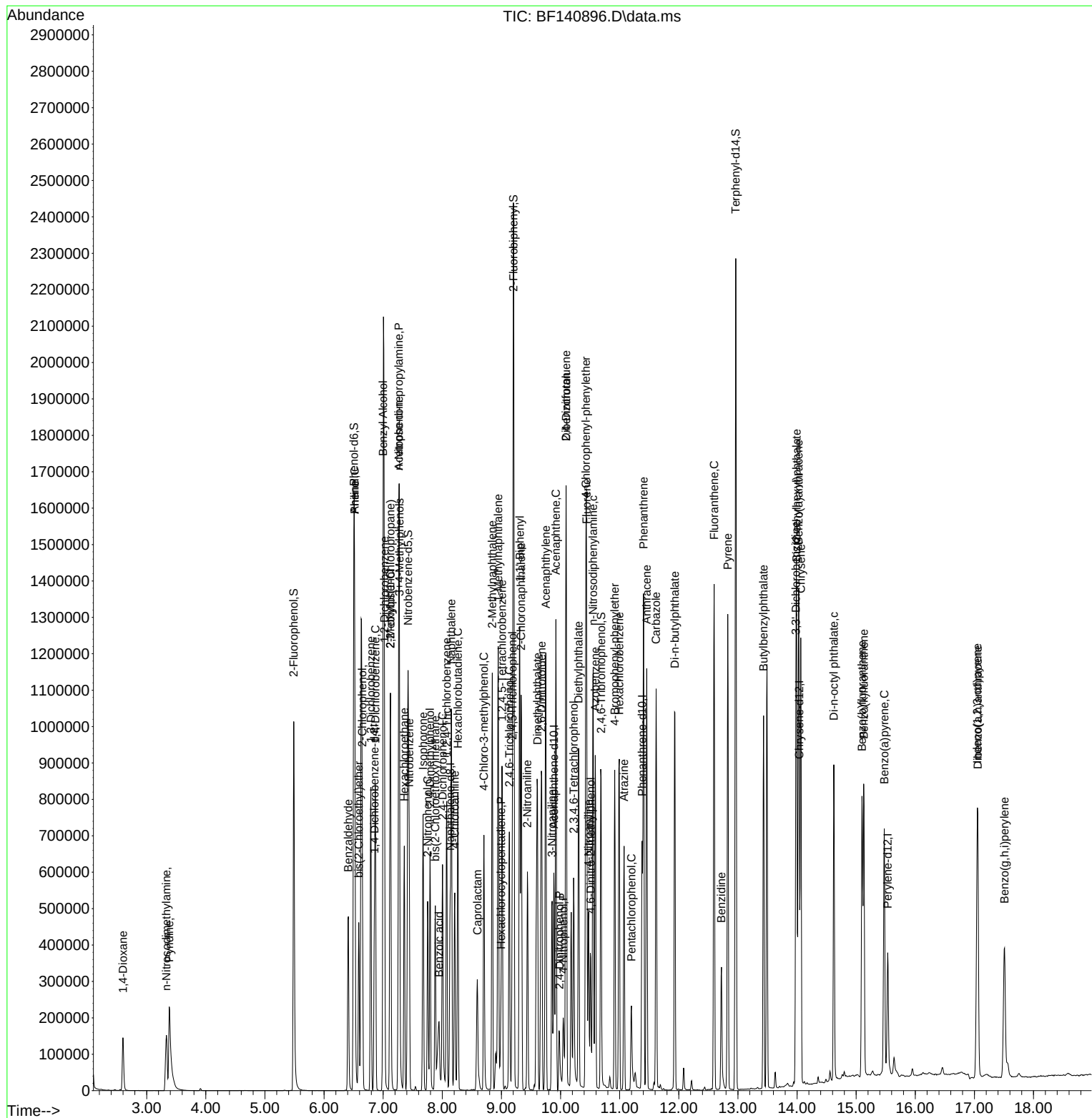
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	150716	40.876	ng	98
46) 1,1'-Biphenyl	9.310	154	572589	40.398	ng	99
47) 2-Chloronaphthalene	9.334	162	443599	40.911	ng	98
48) 2-Nitroaniline	9.439	65	142204	43.425	ng	99
49) Acenaphthylene	9.751	152	620347	38.931	ng	99
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

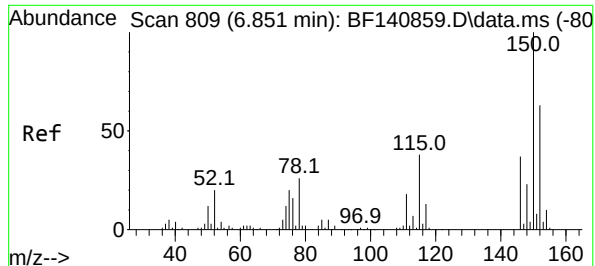
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

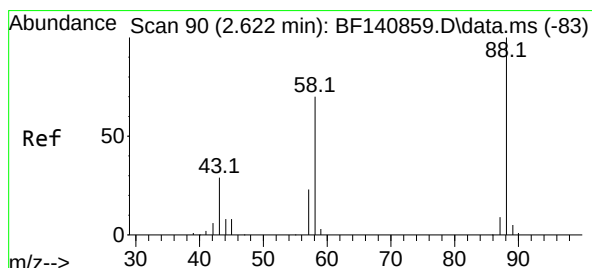
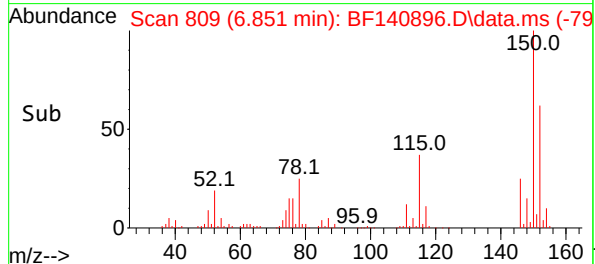
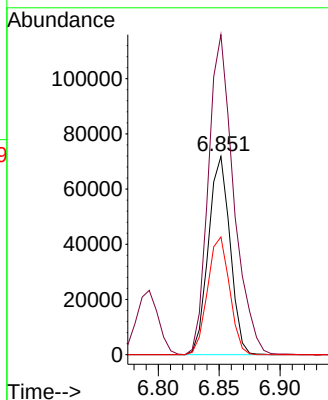
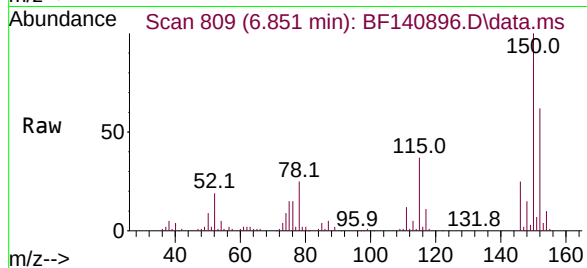




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF140896.D
 Acq: 18 Dec 2024 10:43

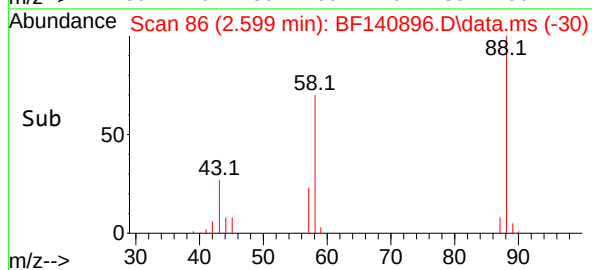
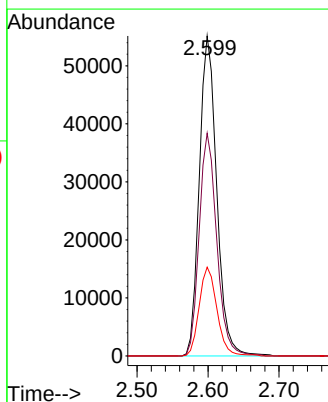
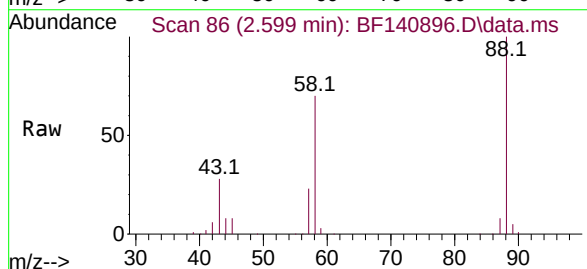
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

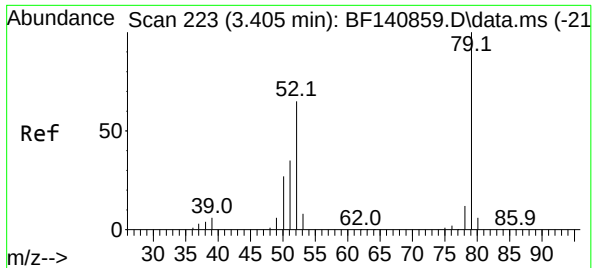
Tgt Ion:152 Resp: 88984
 Ion Ratio Lower Upper
 152 100
 150 161.4 127.9 191.9
 115 59.4 48.0 72.0



#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

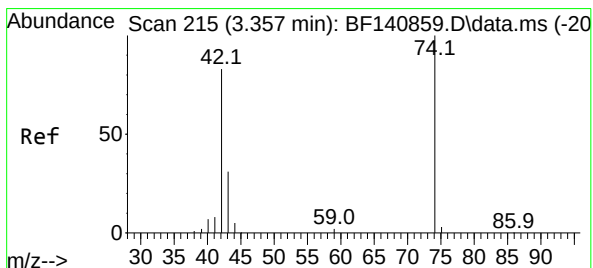
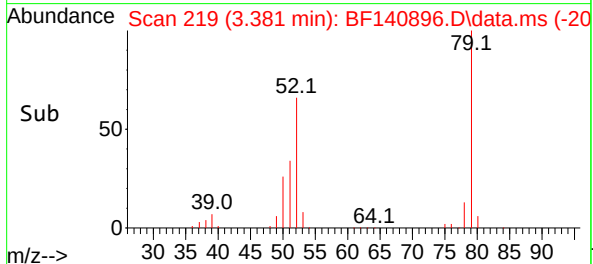
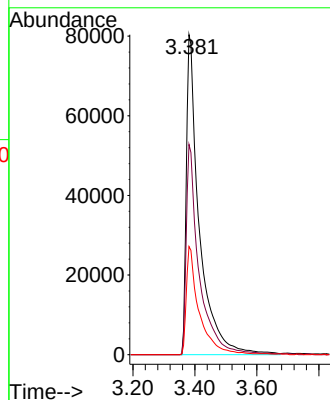
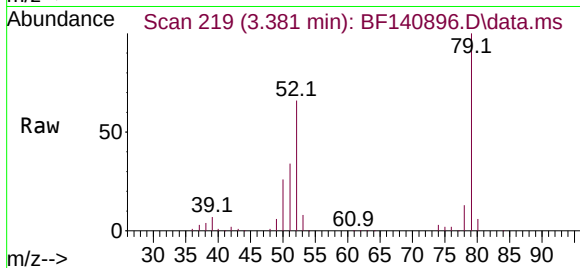




#3
Pyridine
Concen: 43.274 ng
RT: 3.381 min Scan# 211
Delta R.T. -0.024 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

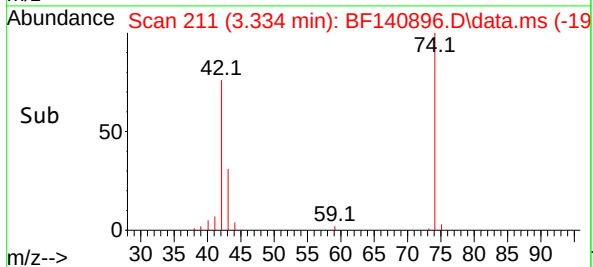
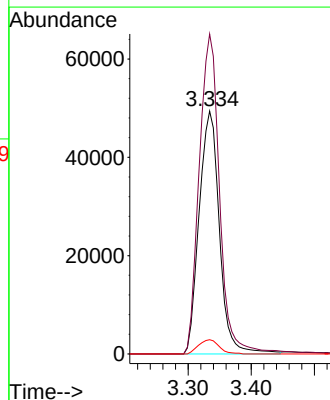
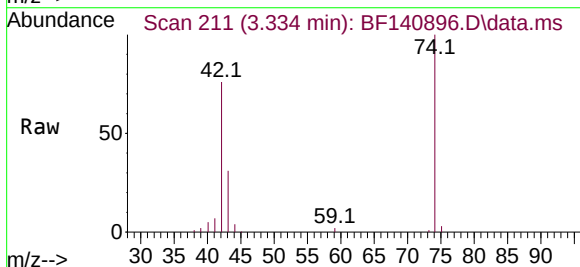
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

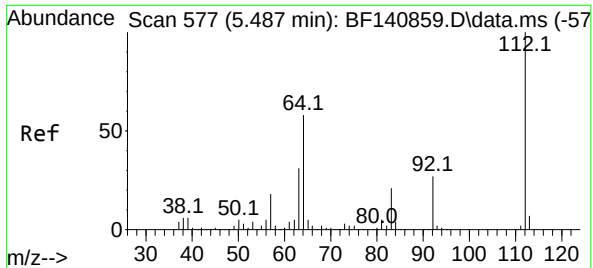
Tgt Ion: 79 Resp: 233336
Ion Ratio Lower Upper
79 100
52 65.7 51.7 77.5
51 33.8 28.2 42.4



#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

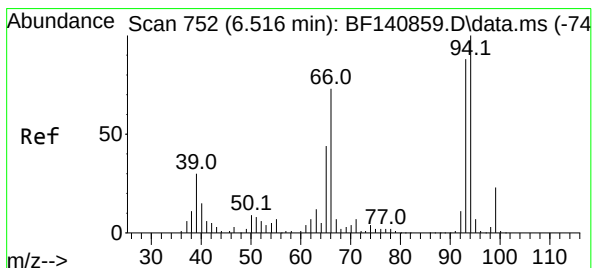
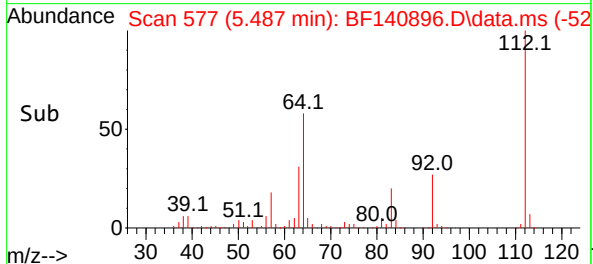
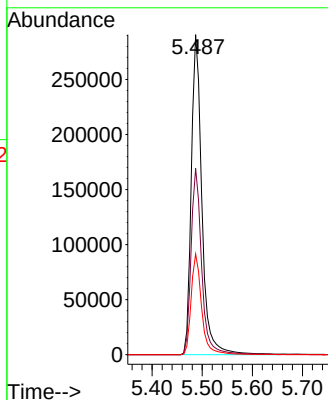
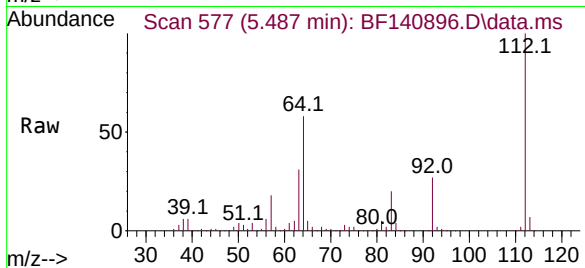




#5
2-Fluorophenol
Concen: 79.159 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

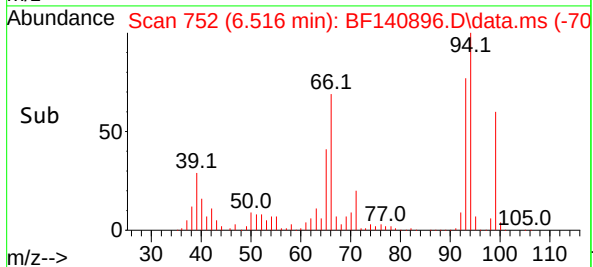
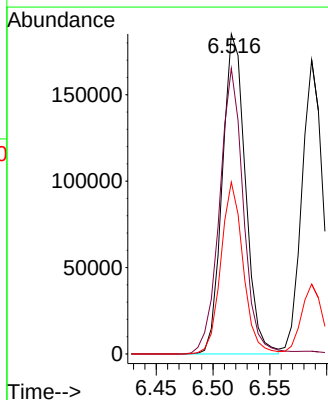
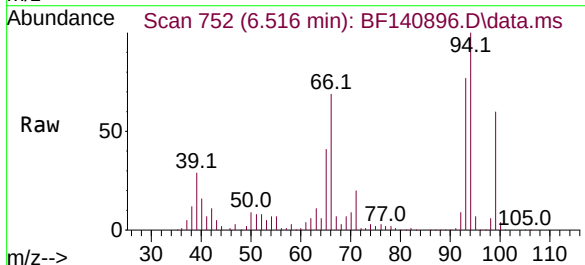
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

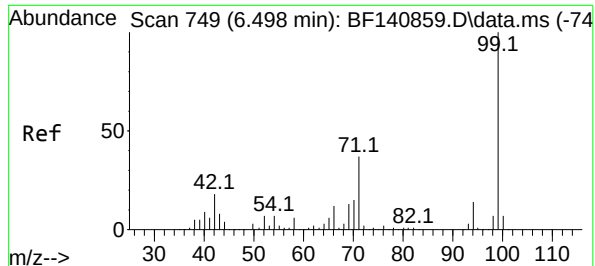
Tgt Ion:112 Resp: 427889
Ion Ratio Lower Upper
112 100
64 58.2 46.1 69.1
63 31.5 24.9 37.3



#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# 71

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

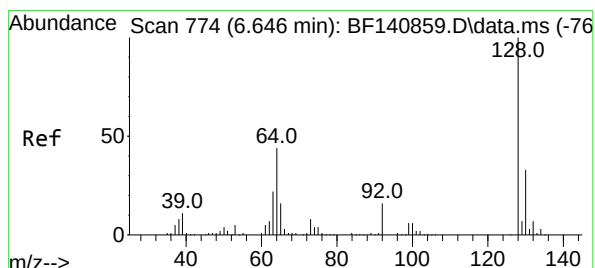
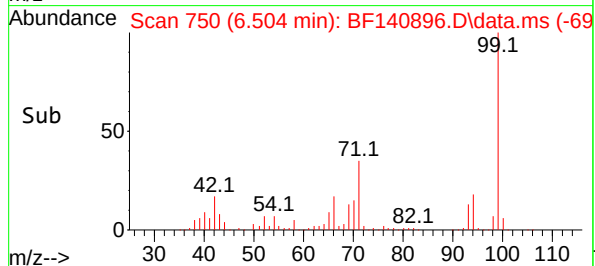
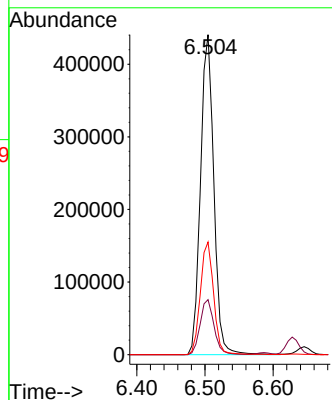
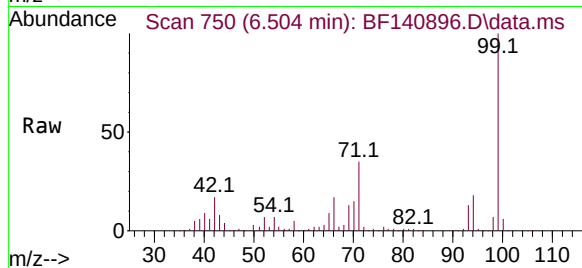
Tgt Ion: 99 Resp: 597686

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

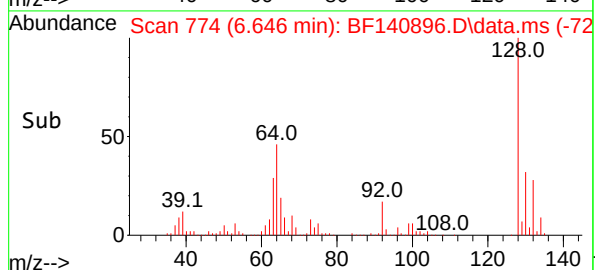
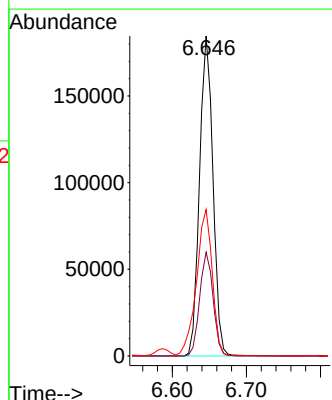
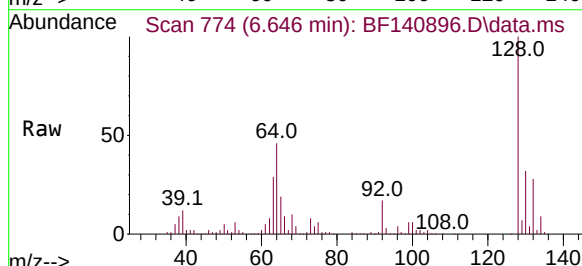
Tgt Ion: 128 Resp: 232390

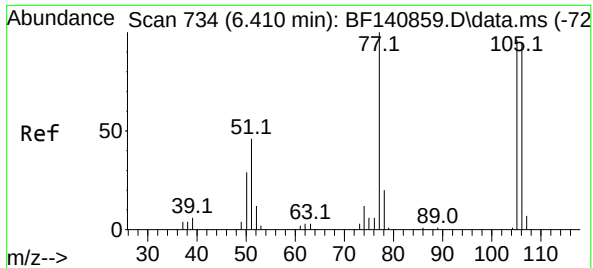
Ion Ratio Lower Upper

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# 71

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

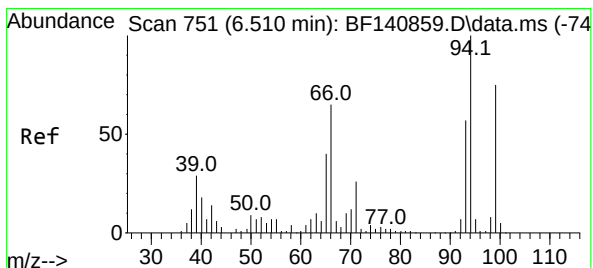
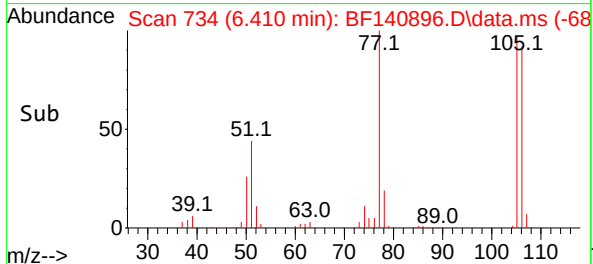
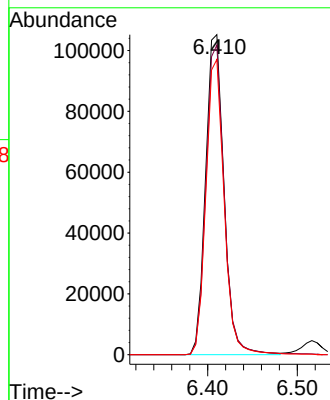
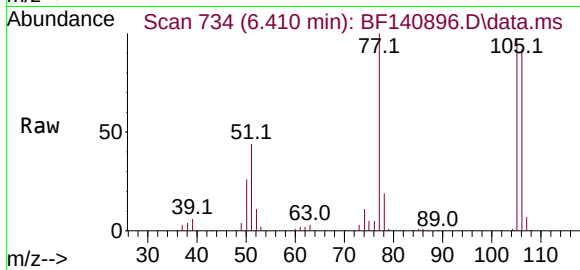
Tgt Ion: 77 Resp: 150021

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

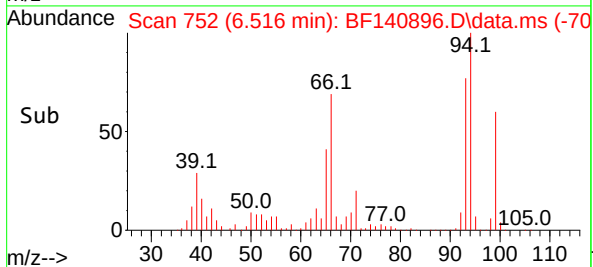
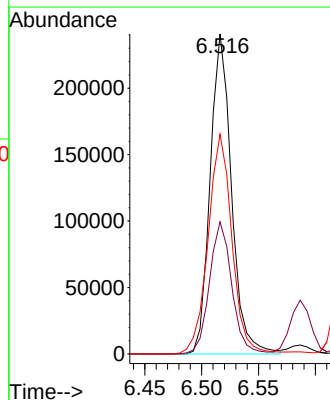
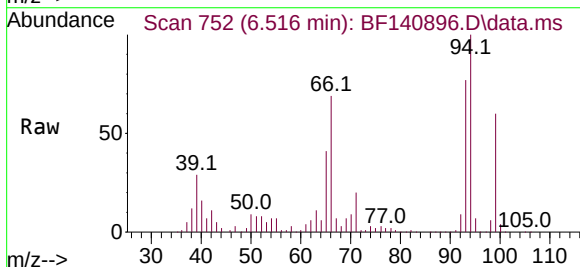
Tgt Ion: 94 Resp: 314661

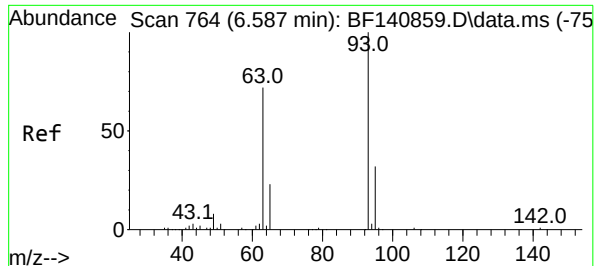
Ion Ratio Lower Upper

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# 764

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

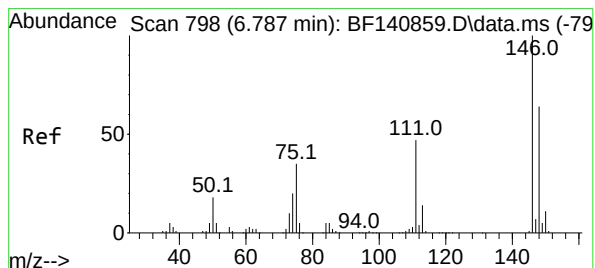
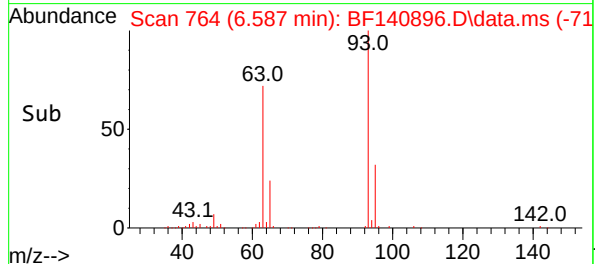
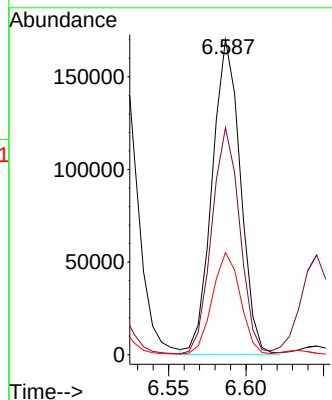
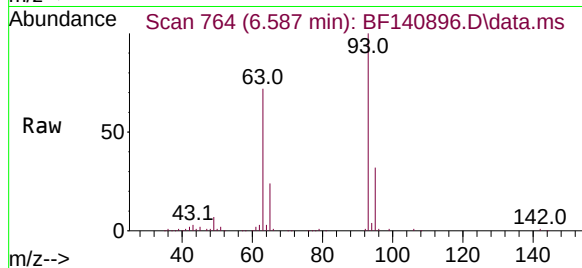
Tgt Ion: 93 Resp: 216145

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

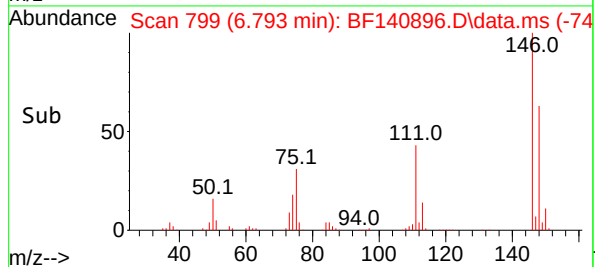
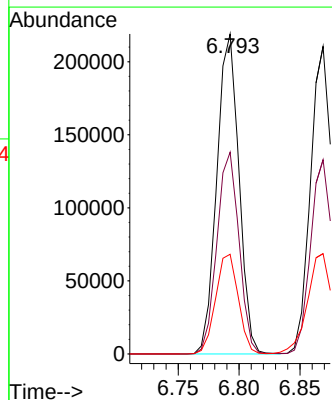
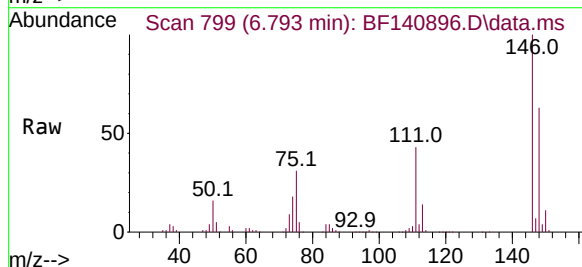
Tgt Ion:146 Resp: 276948

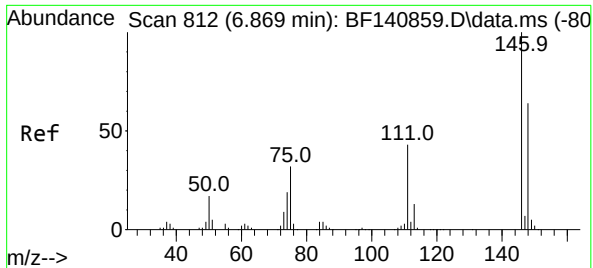
Ion Ratio Lower Upper

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# 812

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

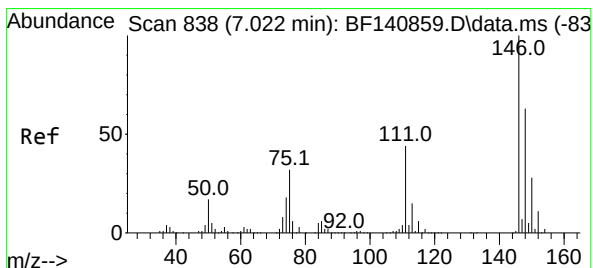
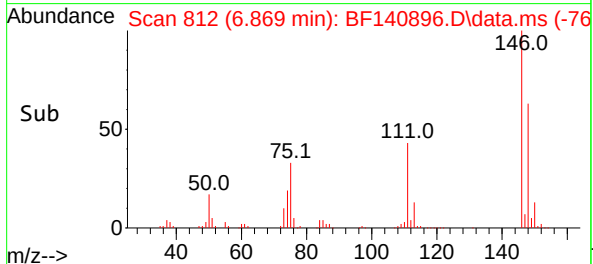
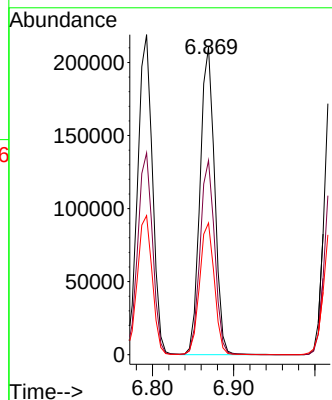
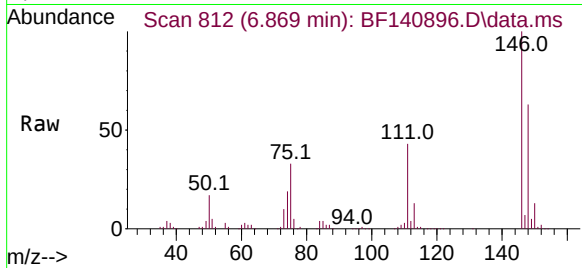
Tgt Ion:146 Resp: 263067

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

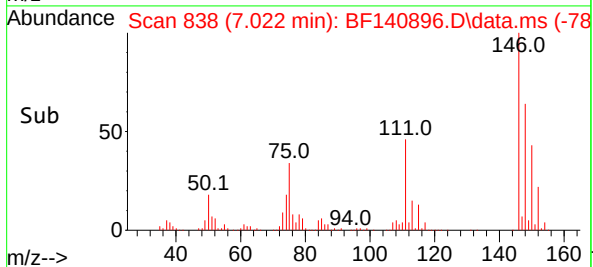
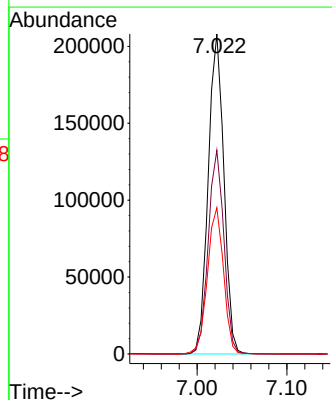
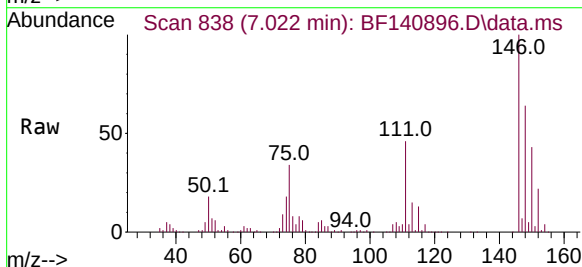
Tgt Ion:146 Resp: 252017

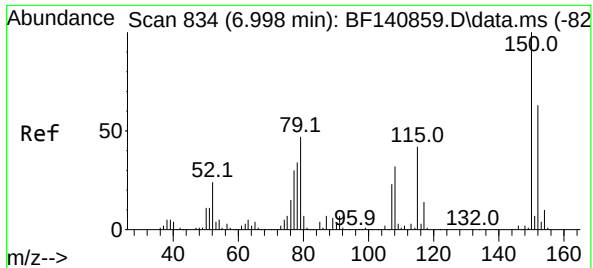
Ion Ratio Lower Upper

146 100

148 63.7 50.0 75.0

111 45.7 35.6 53.4

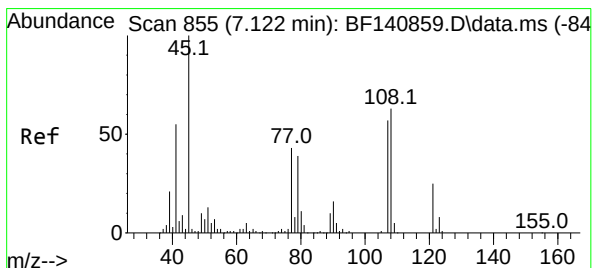
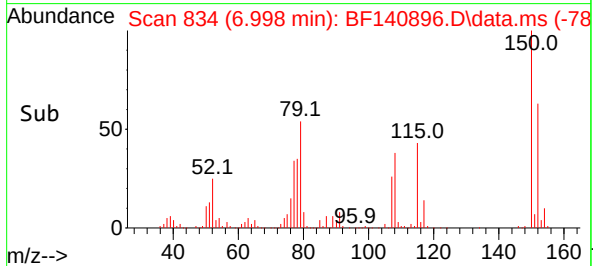
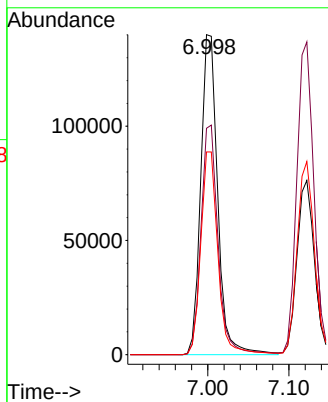
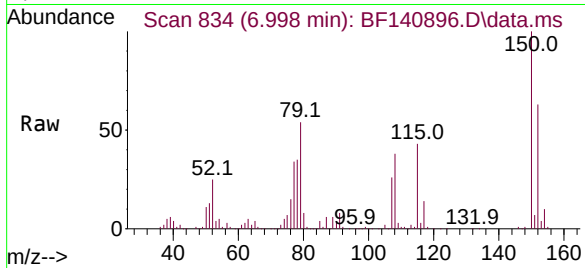




#15
Benzyl Alcohol
Concen: 39.614 ng
RT: 6.998 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

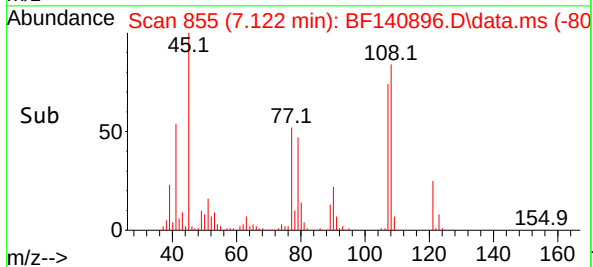
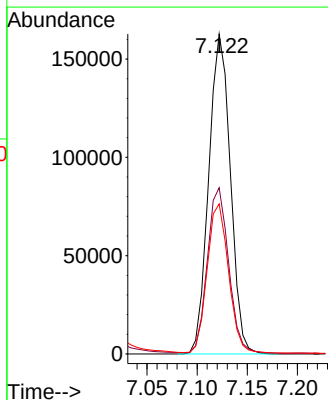
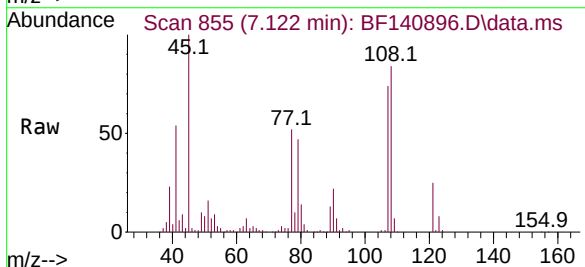
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

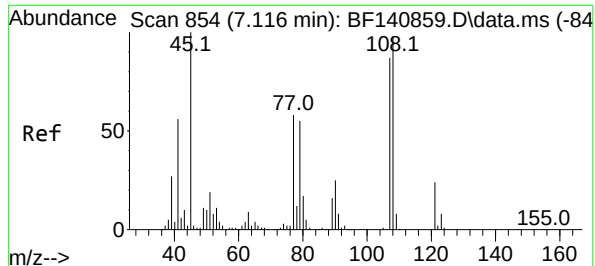
Tgt Ion: 79 Resp: 202788
Ion Ratio Lower Upper
79 100
108 70.8 55.1 82.7
77 63.4 50.6 76.0



#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# 855

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

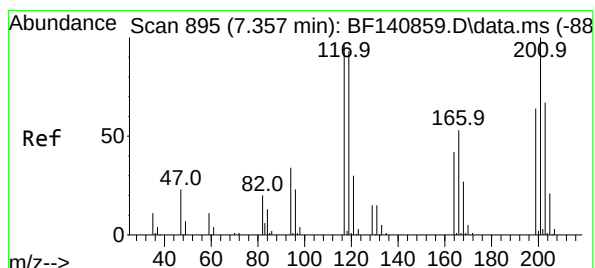
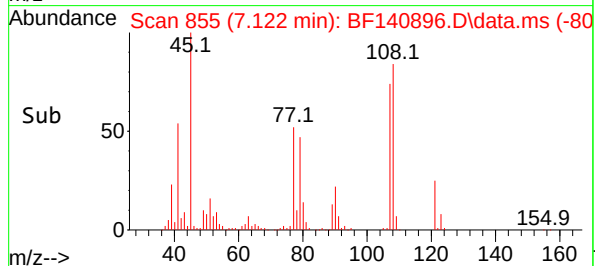
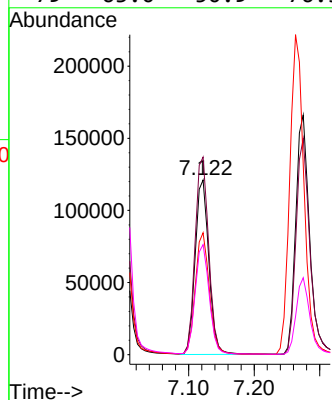
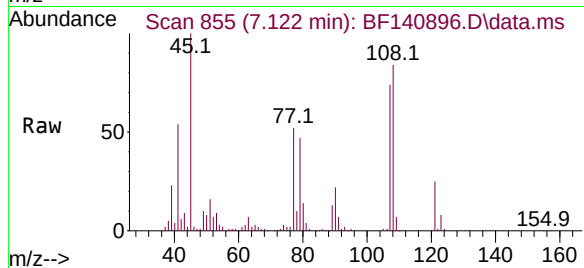
Ion Ratio Lower Upper

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

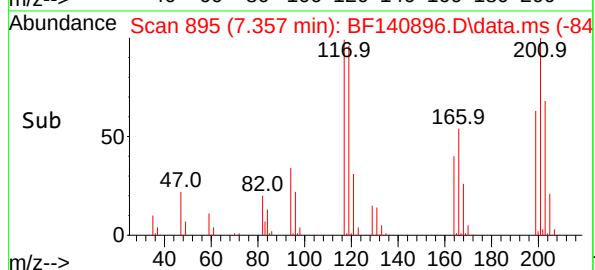
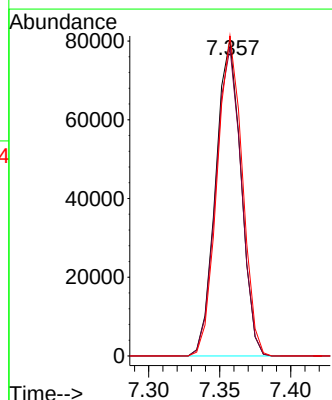
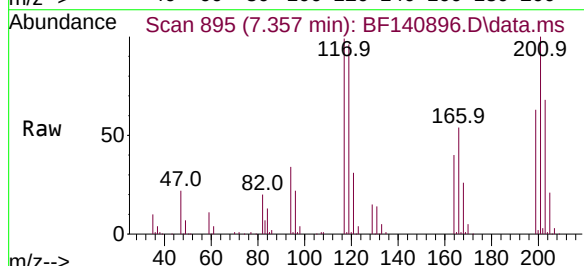
Tgt Ion:117 Resp: 99231

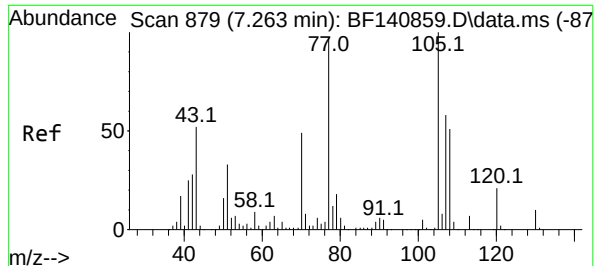
Ion Ratio Lower Upper

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# 81

Delta R.T. 0.000 min

Lab File: BF140896.D

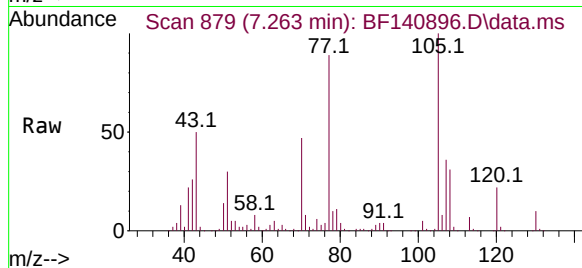
Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 163032

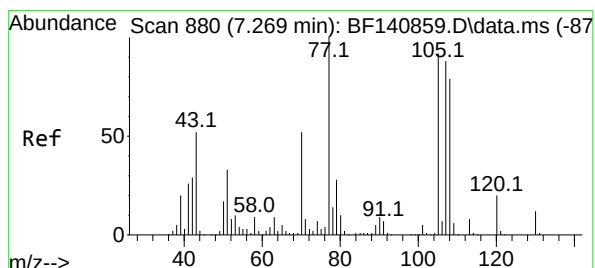
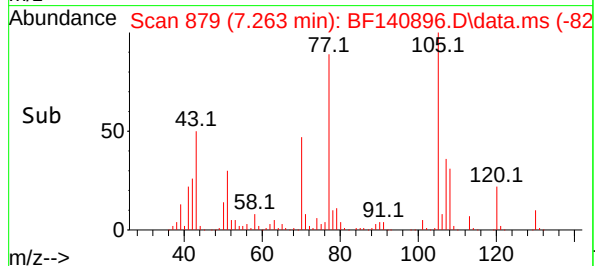
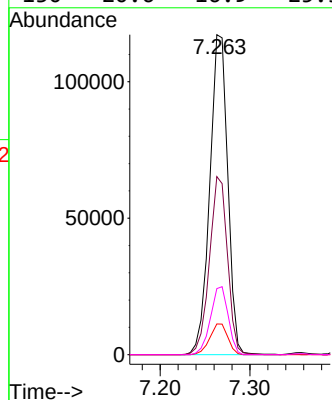
Ion Ratio Lower Upper

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

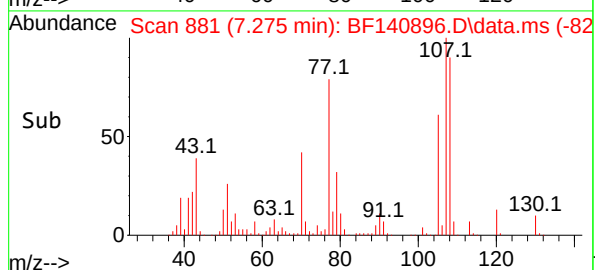
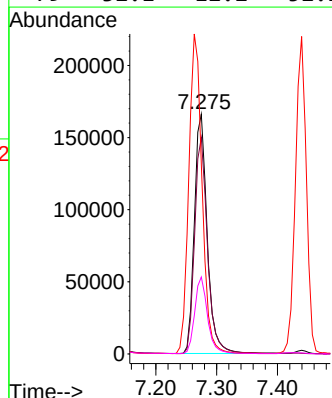
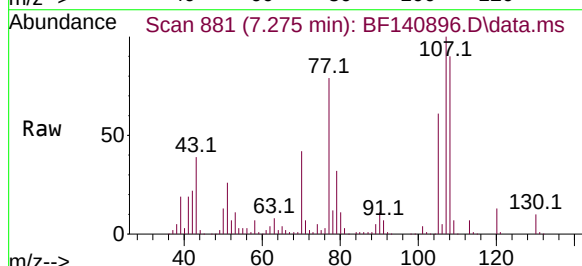
Ion Ratio Lower Upper

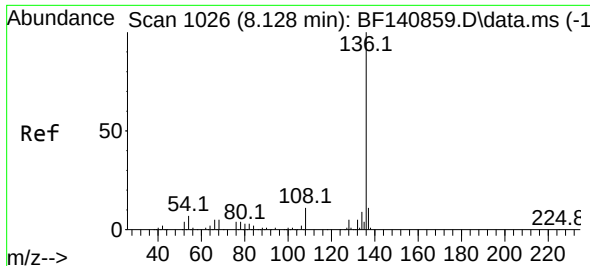
107 100

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# 1026

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

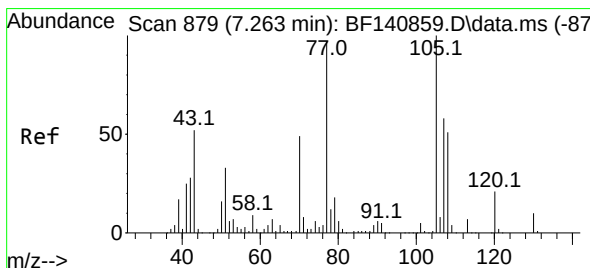
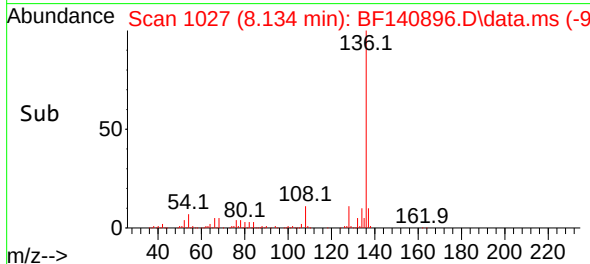
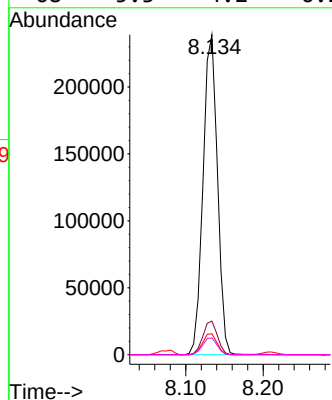
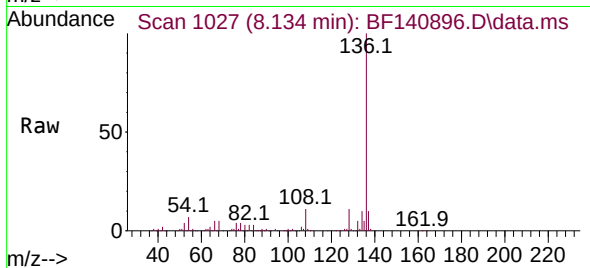
Ion Ratio Lower Upper

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

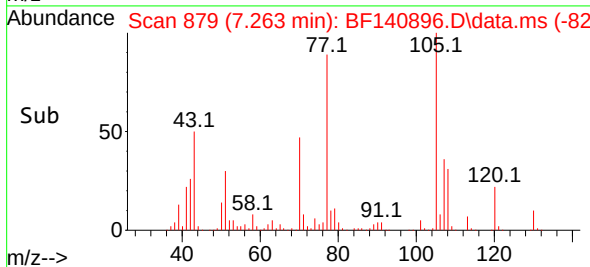
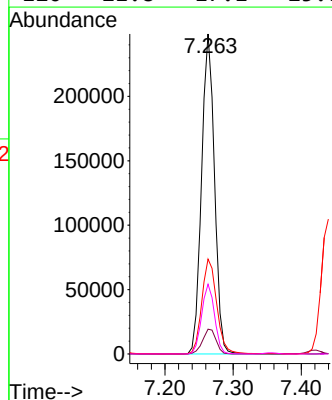
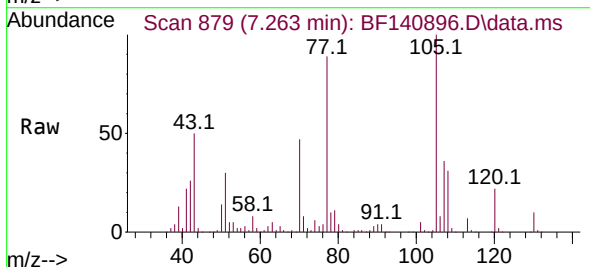
Ion Ratio Lower Upper

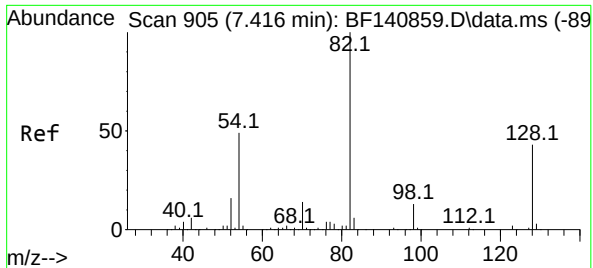
105 100

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# 90

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

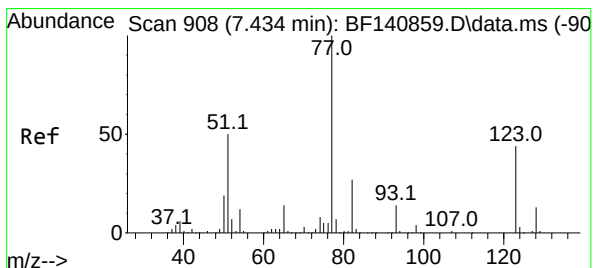
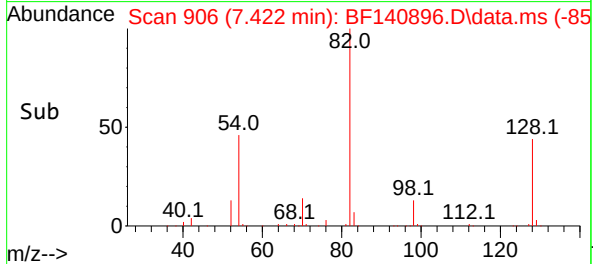
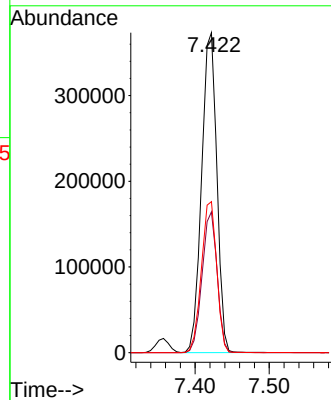
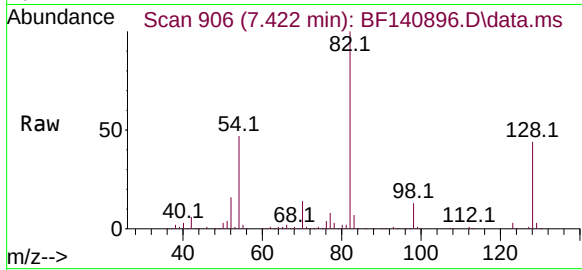
BNA_F

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

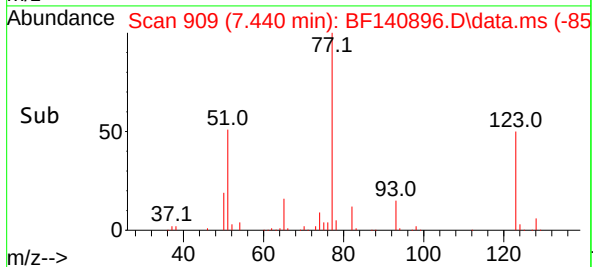
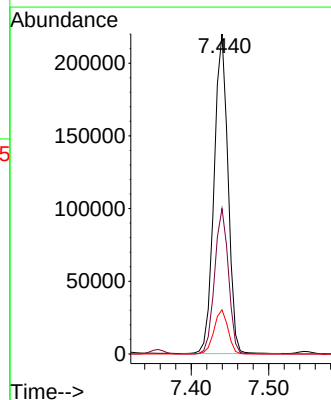
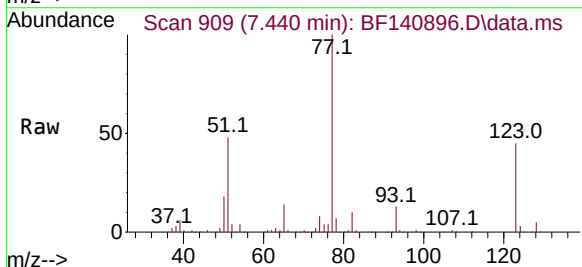
Delta R.T. 0.006 min

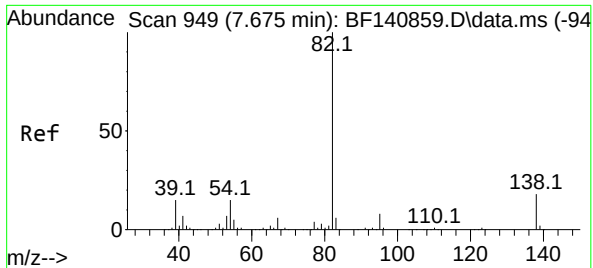
Lab File: BF140896.D

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# 949

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

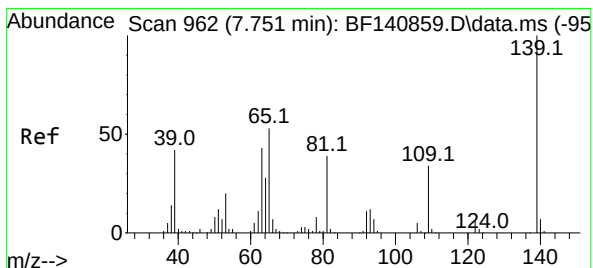
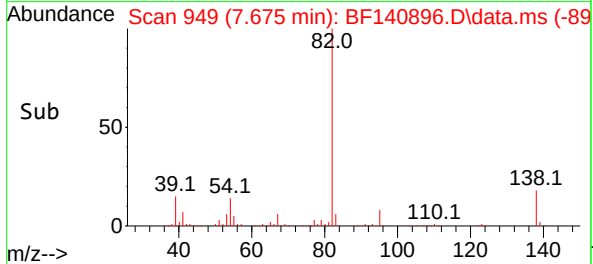
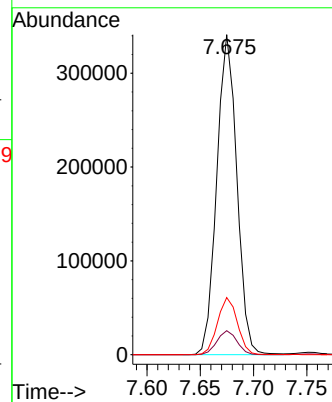
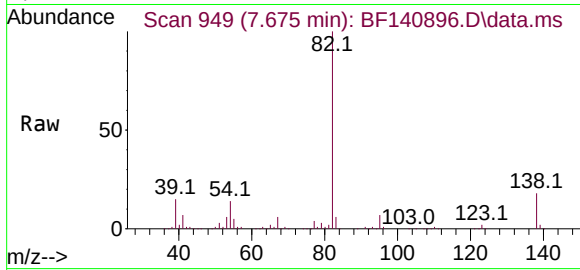
Tgt Ion: 82 Resp: 446475

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

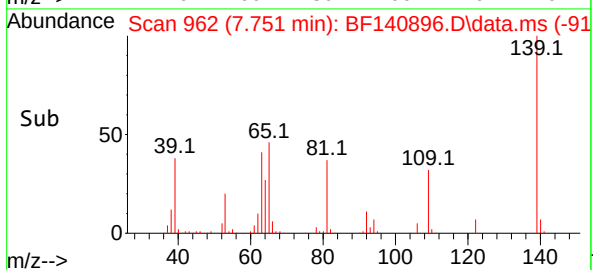
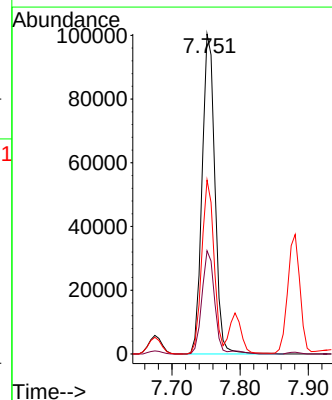
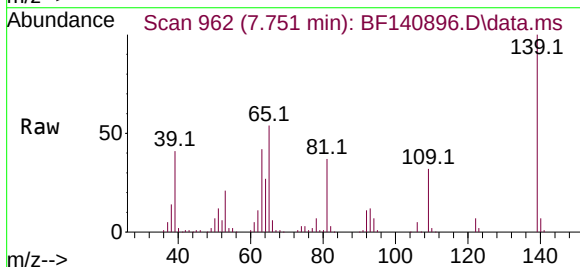
Tgt Ion:139 Resp: 131014

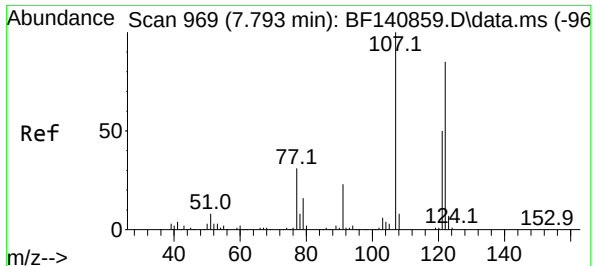
Ion Ratio Lower Upper

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# 90

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

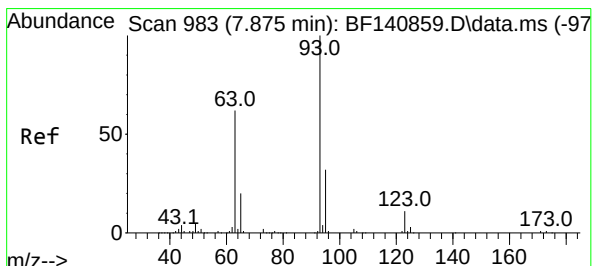
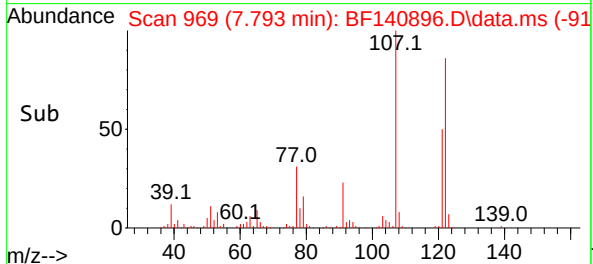
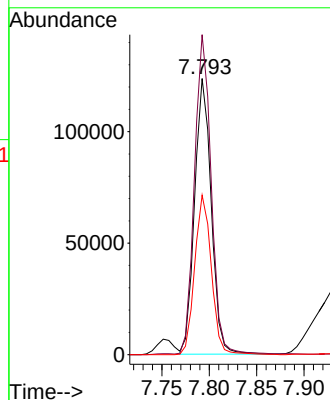
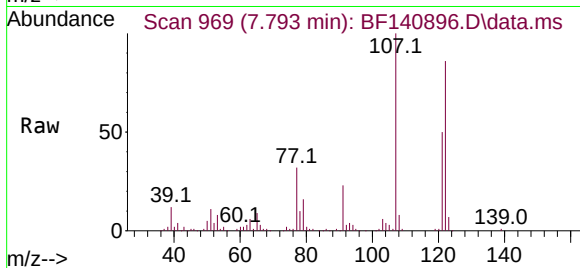
Tgt Ion:122 Resp: 151292

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

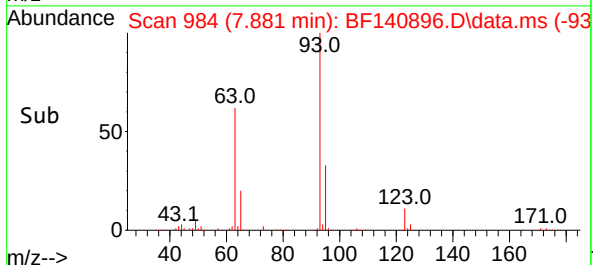
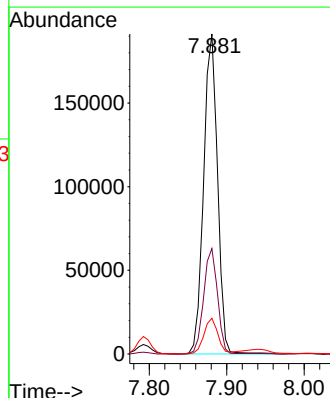
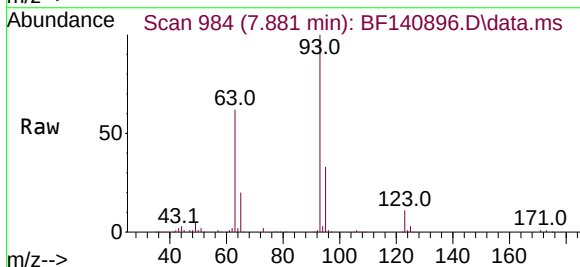
Tgt Ion: 93 Resp: 238096

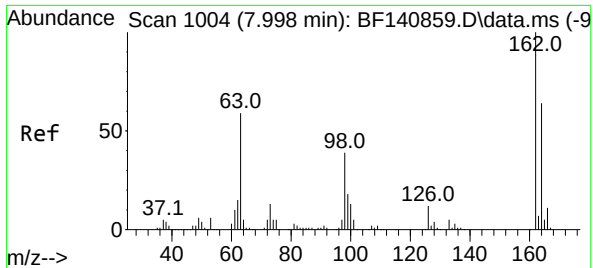
Ion Ratio Lower Upper

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# 1005

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

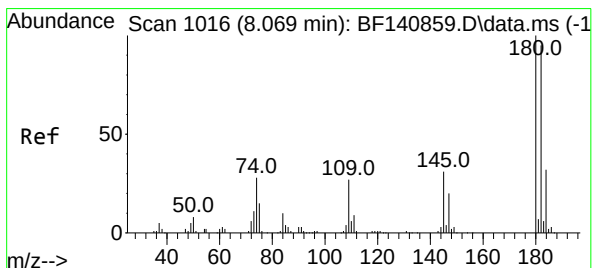
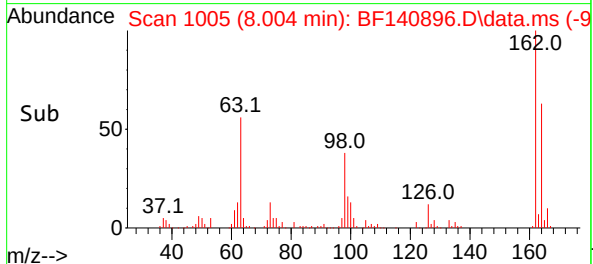
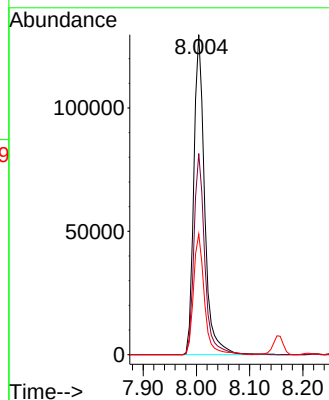
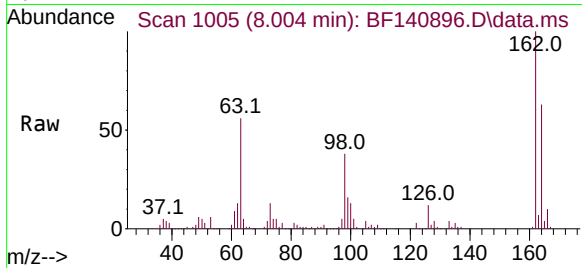
Tgt Ion:162 Resp: 184274

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

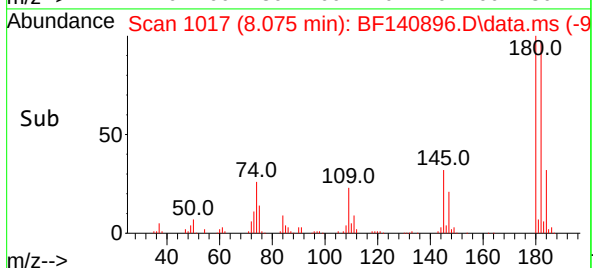
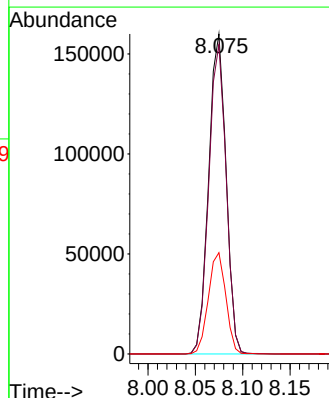
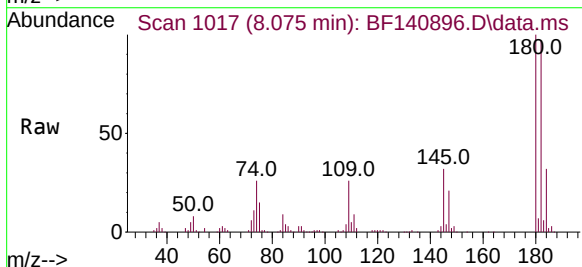
Tgt Ion:180 Resp: 203456

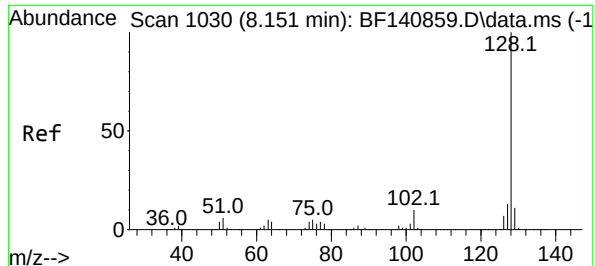
Ion Ratio Lower Upper

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# 1030

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

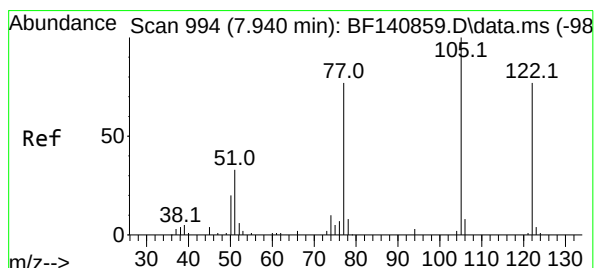
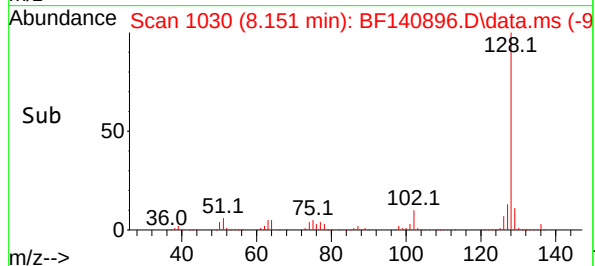
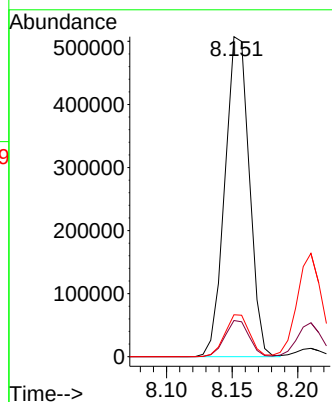
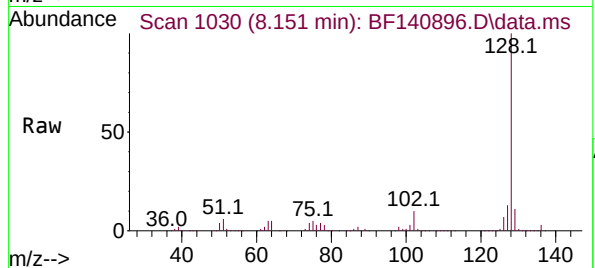
Tgt Ion:128 Resp: 657484

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

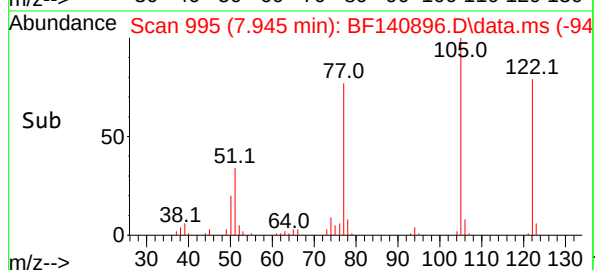
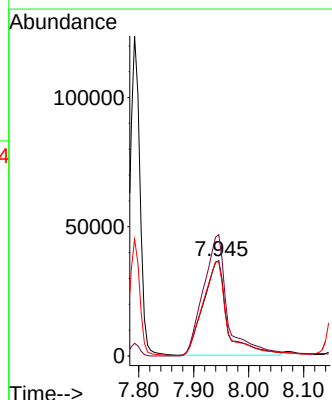
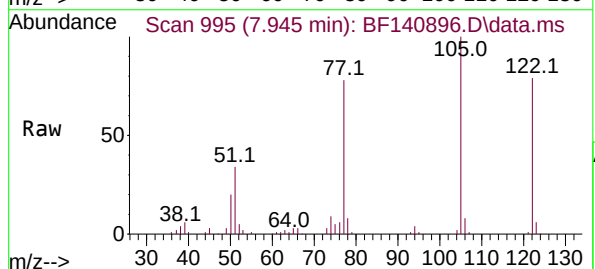
Tgt Ion:122 Resp: 111391

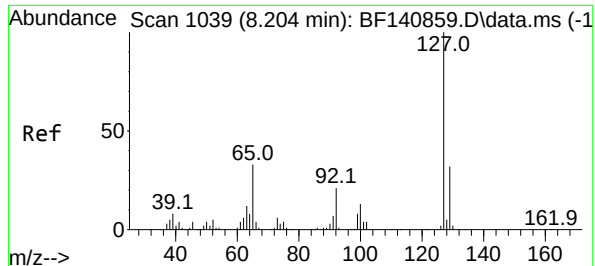
Ion Ratio Lower Upper

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# 1040

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

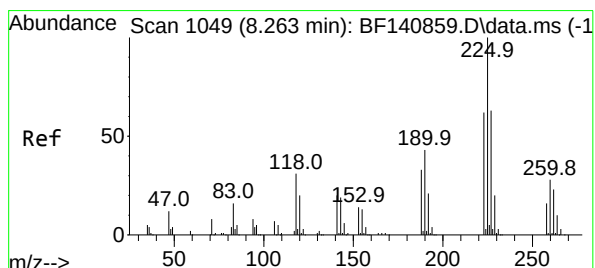
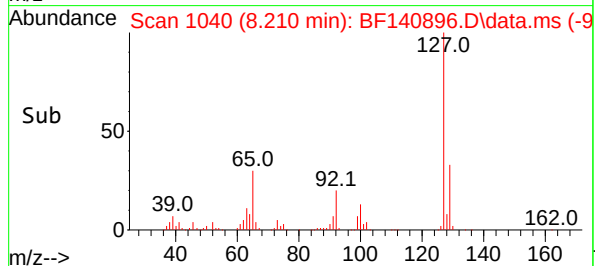
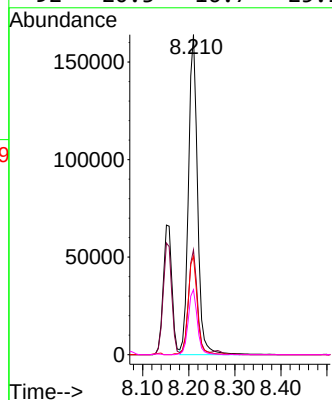
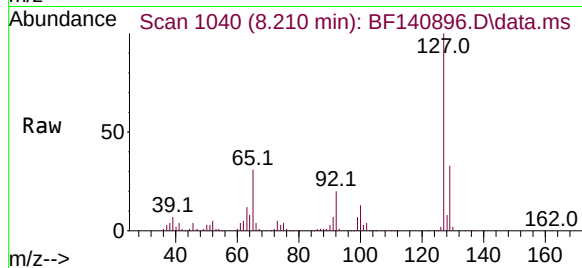
Ion Ratio Lower Upper

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

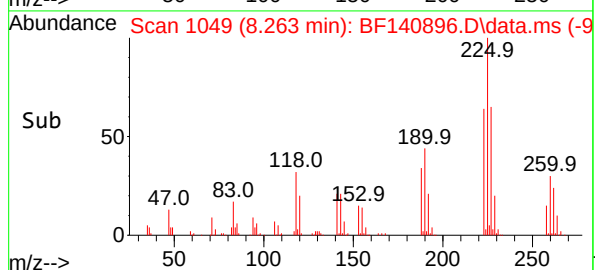
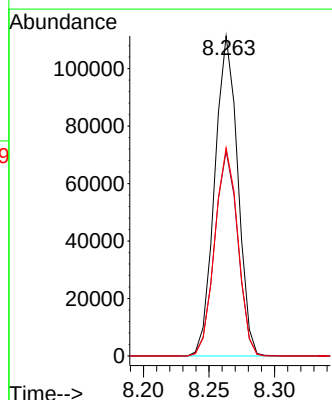
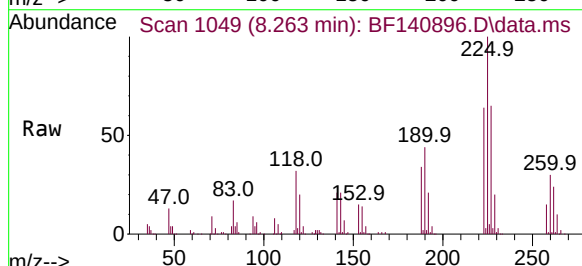
Tgt Ion:225 Resp: 135668

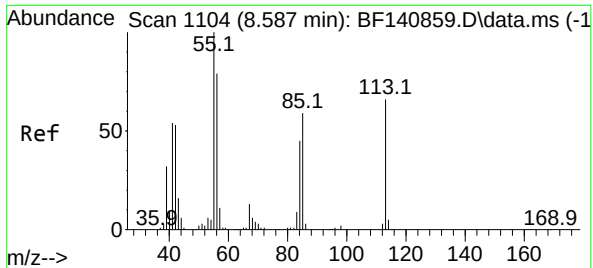
Ion Ratio Lower Upper

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# 1105

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

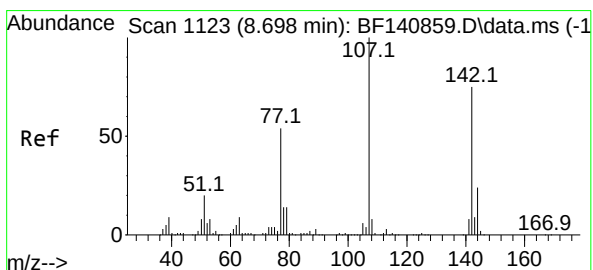
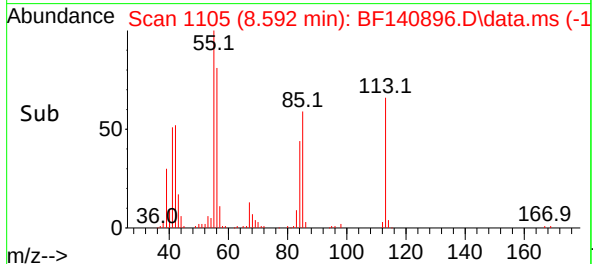
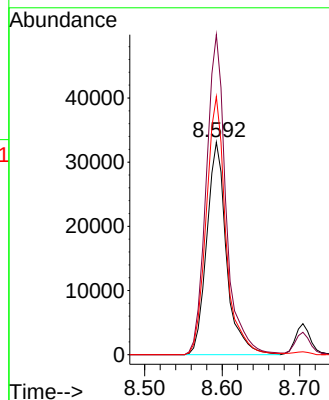
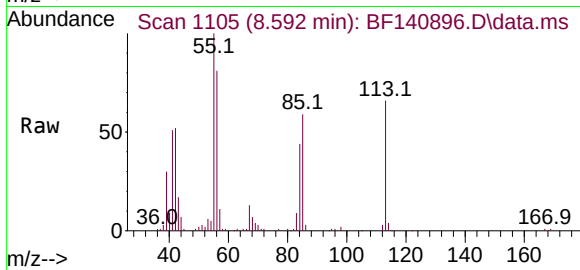
Tgt Ion:113 Resp: 58418

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

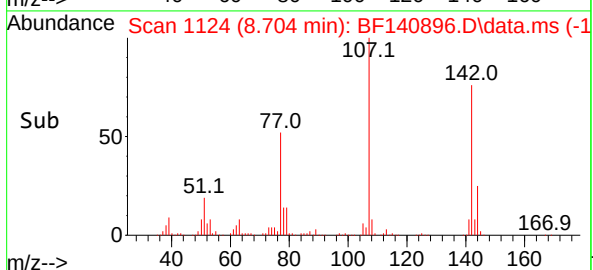
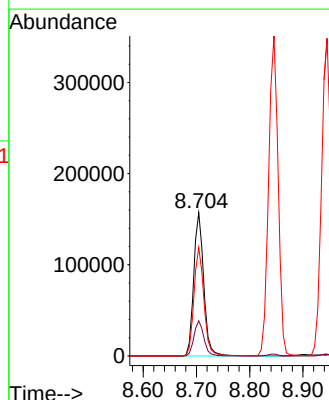
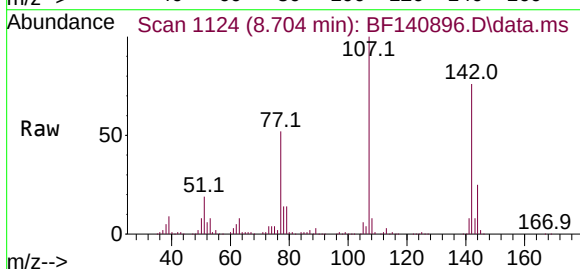
Tgt Ion:107 Resp: 205860

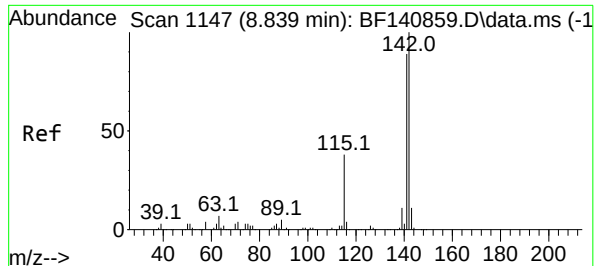
Ion Ratio Lower Upper

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# 1147

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

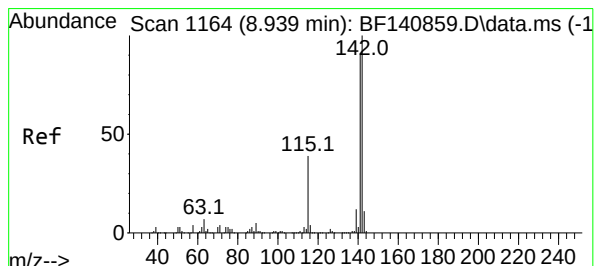
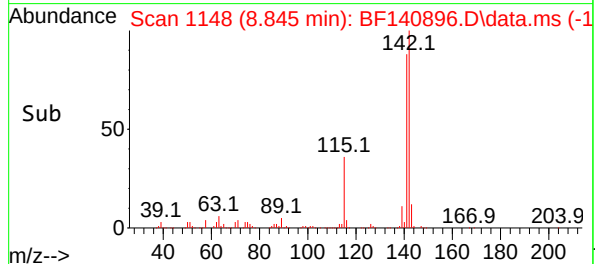
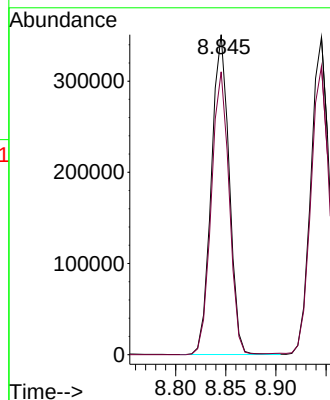
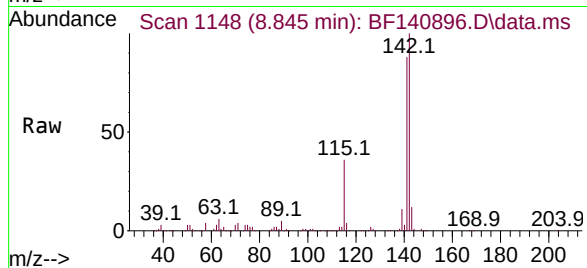
SSTDCCC040

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

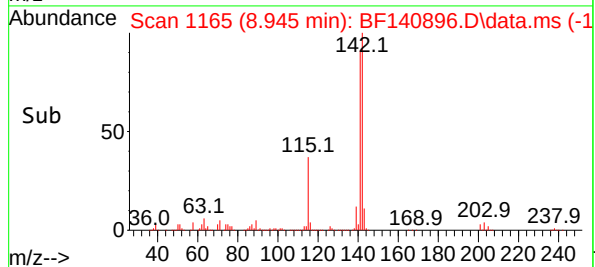
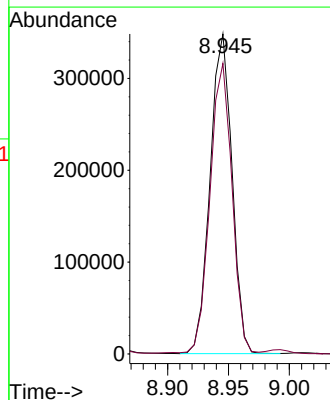
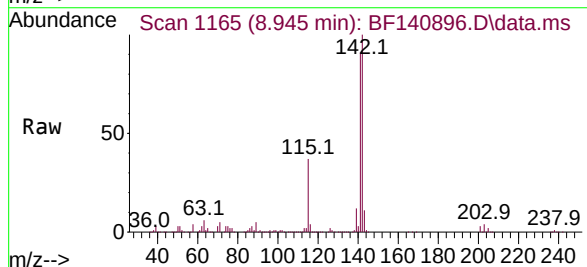
Acq: 18 Dec 2024 10:43

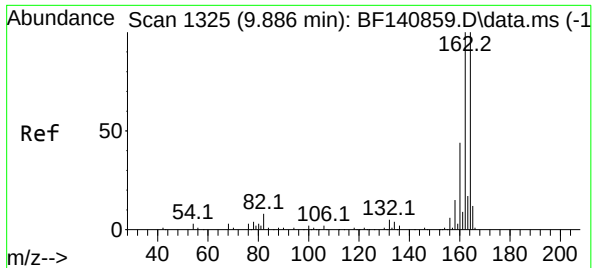
Tgt Ion:142 Resp: 434919

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# 1175

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

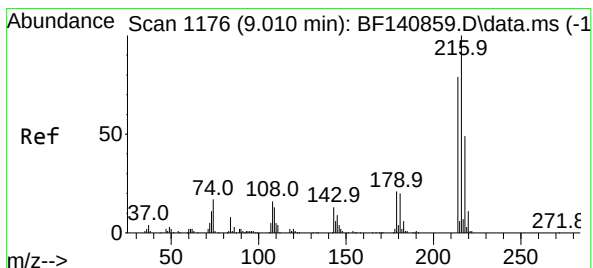
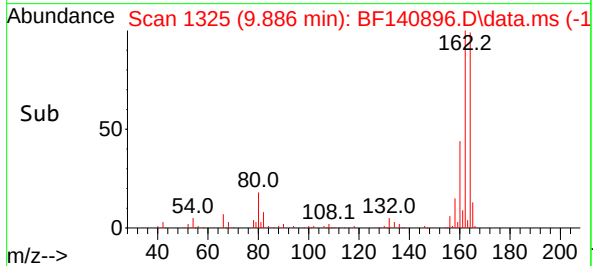
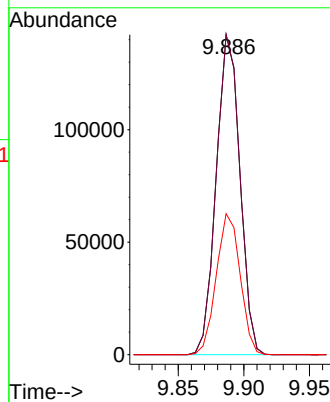
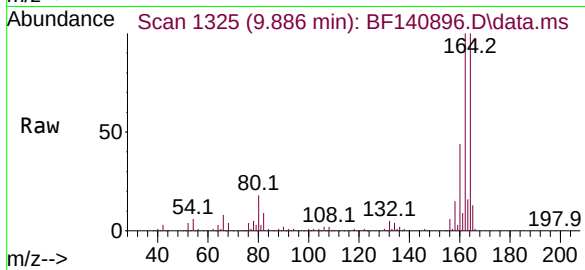
Tgt Ion:164 Resp: 178243

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

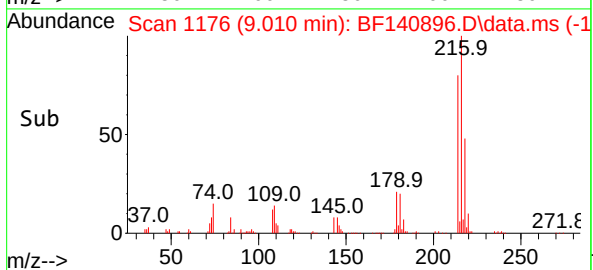
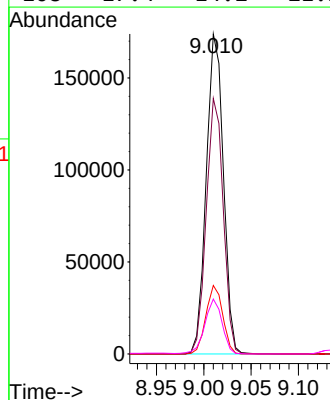
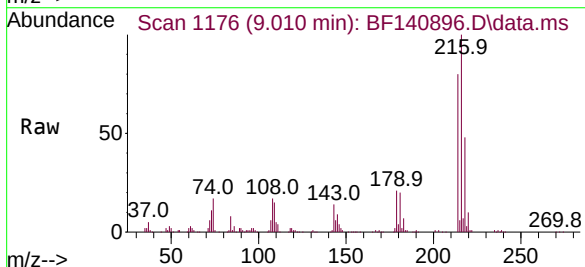
Ion Ratio Lower Upper

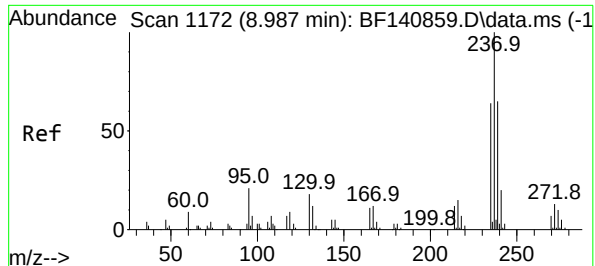
216 100

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# 1173

Delta R.T. 0.005 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

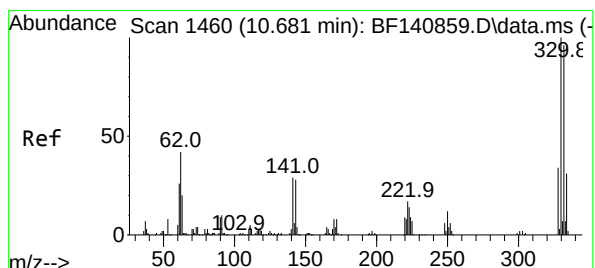
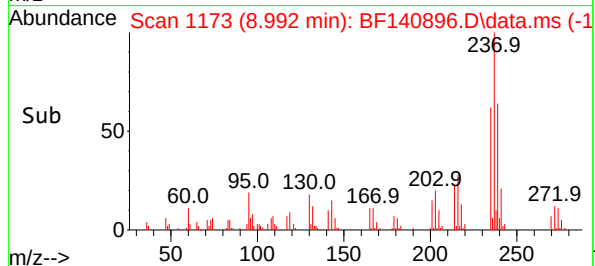
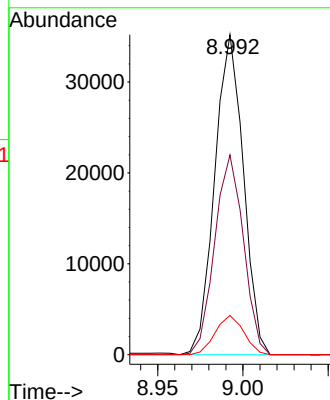
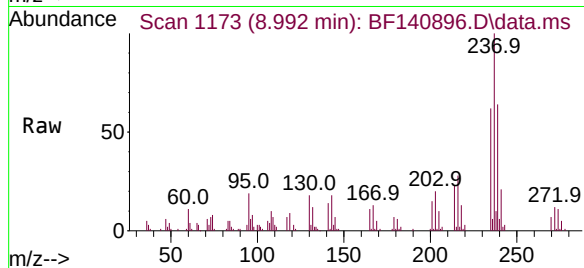
Tgt Ion:237 Resp: 41145

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

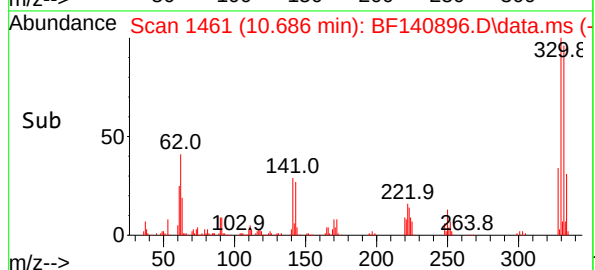
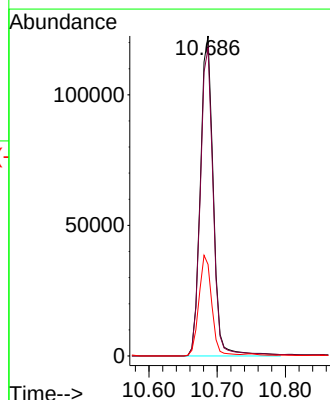
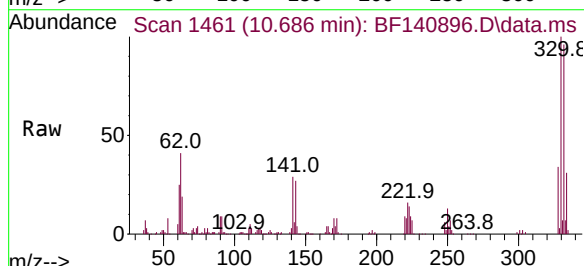
Tgt Ion:330 Resp: 161917

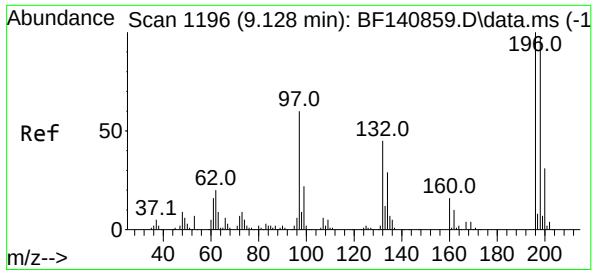
Ion Ratio Lower Upper

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# 1196

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

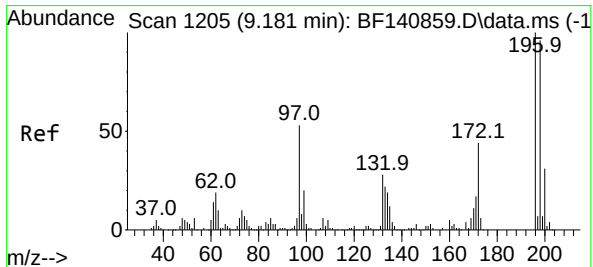
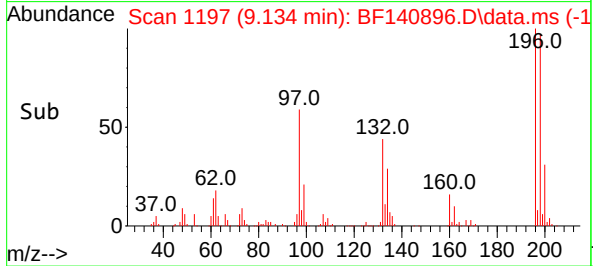
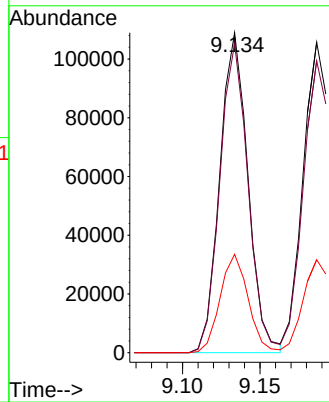
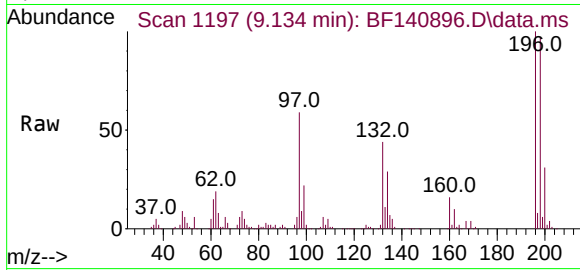
Tgt Ion:196 Resp: 137937

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

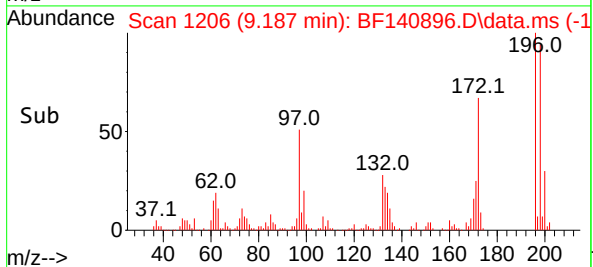
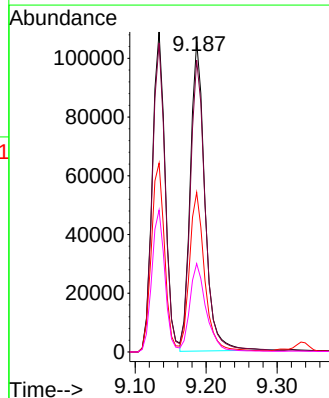
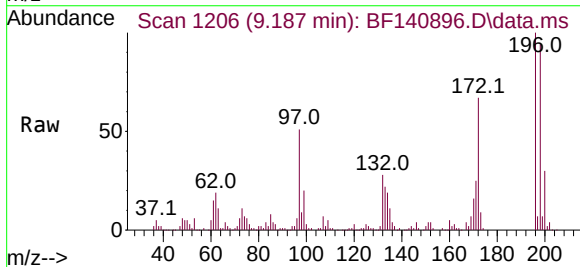
Ion Ratio Lower Upper

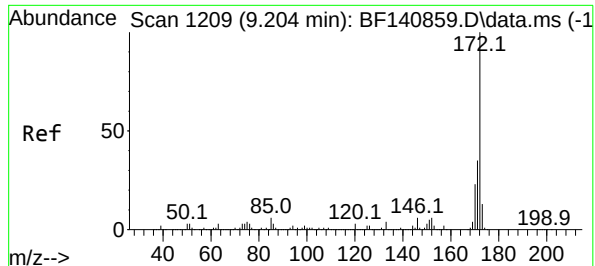
196 100

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# 1209

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

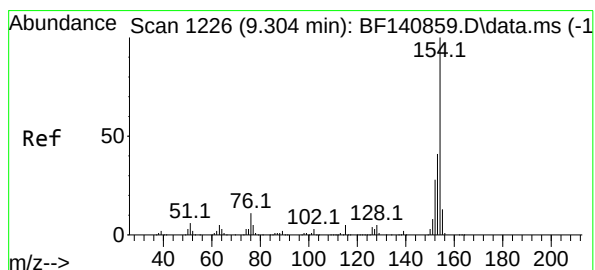
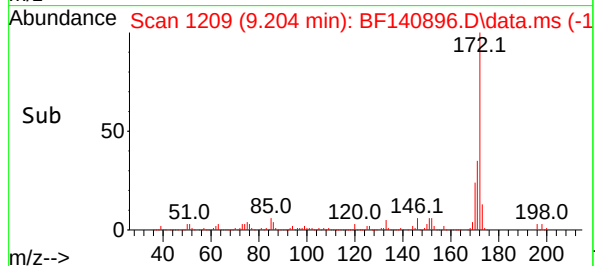
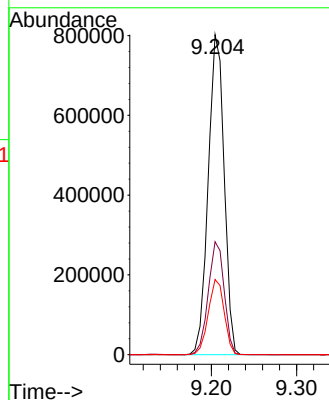
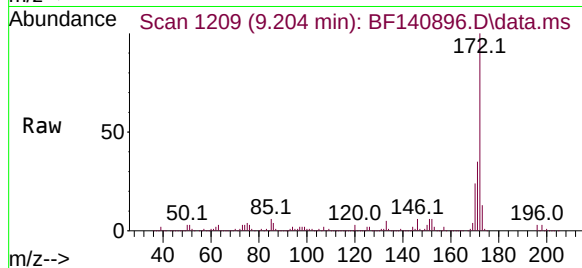
Tgt Ion:172 Resp: 1041367

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

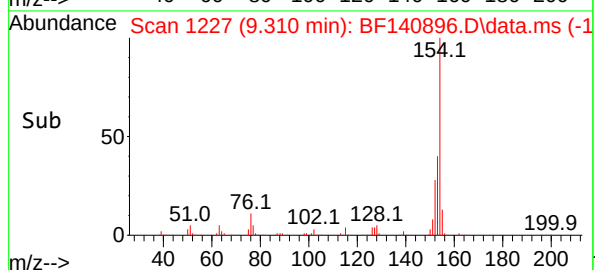
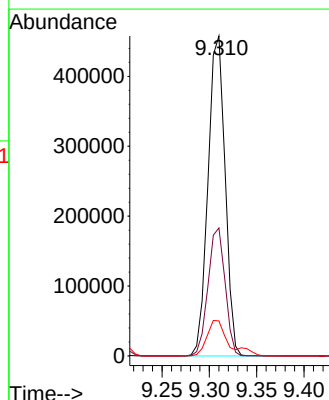
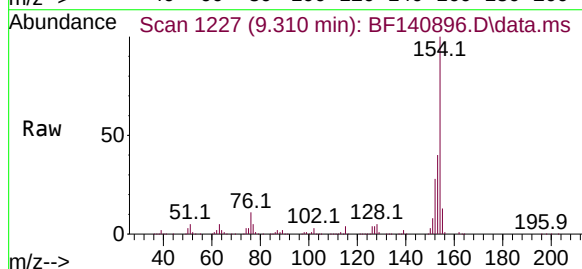
Tgt Ion:154 Resp: 572589

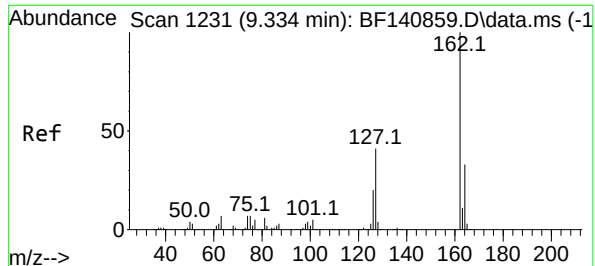
Ion Ratio Lower Upper

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# 1231

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

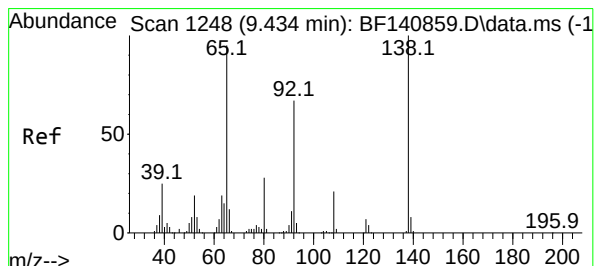
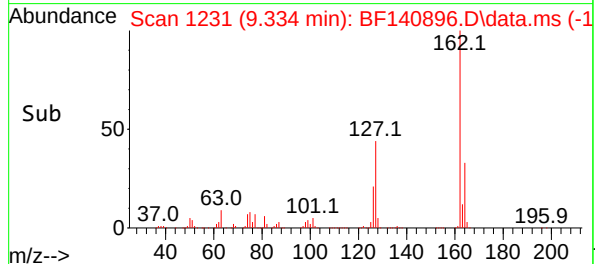
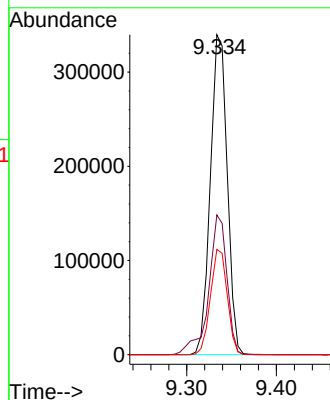
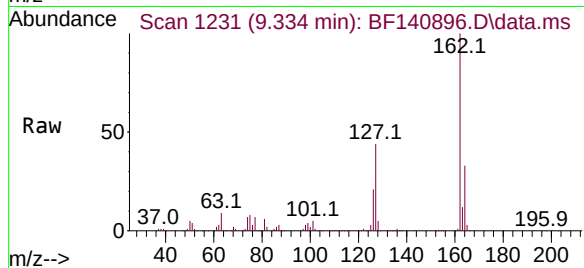
Tgt Ion:162 Resp: 443599

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

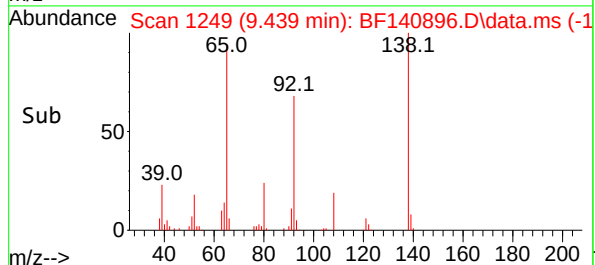
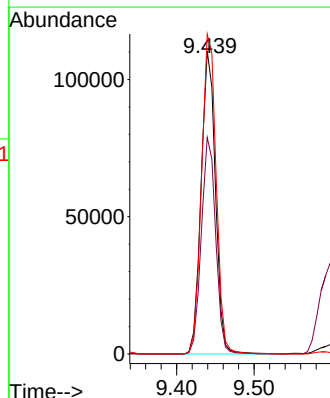
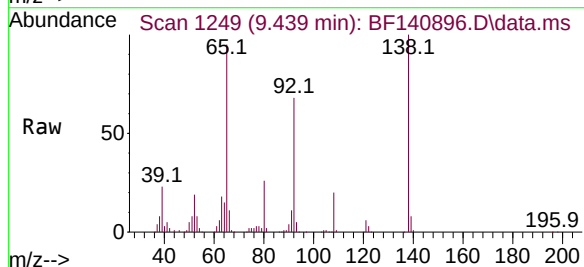
Tgt Ion: 65 Resp: 142204

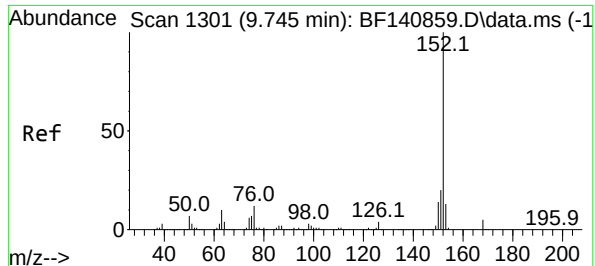
Ion Ratio Lower Upper

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

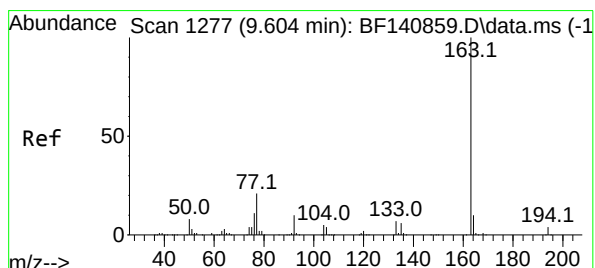
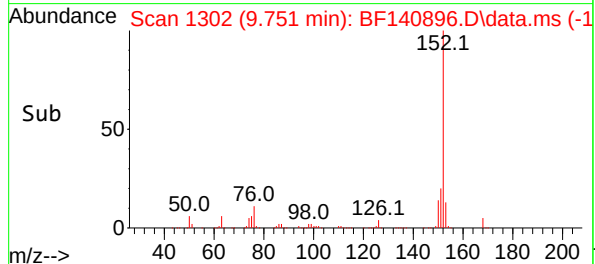
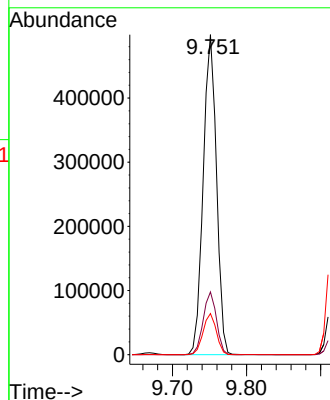
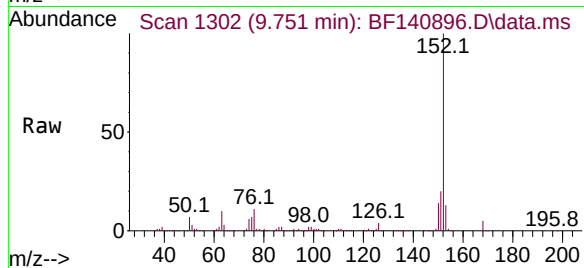
Tgt Ion:152 Resp: 620347

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

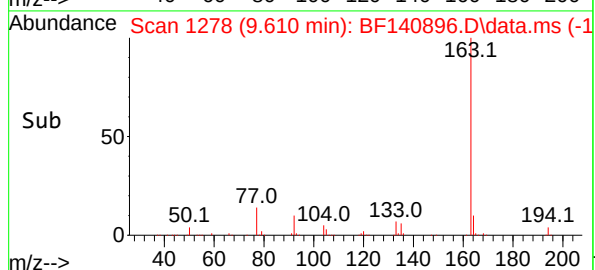
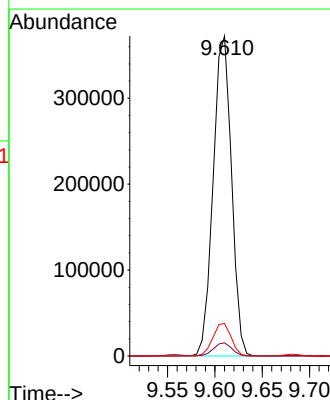
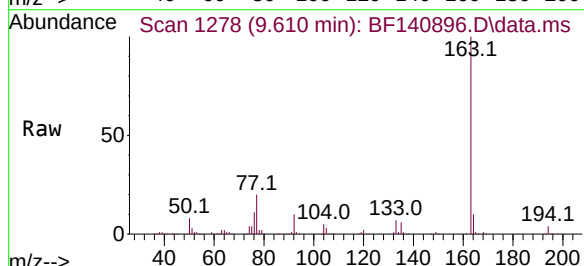
Tgt Ion:163 Resp: 499849

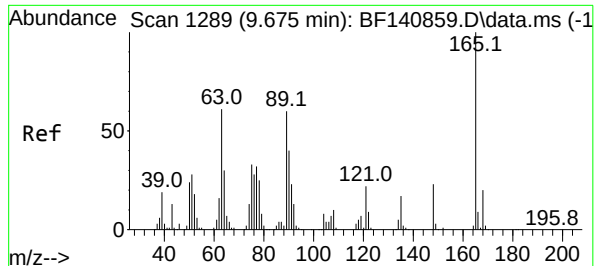
Ion Ratio Lower Upper

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# 11

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

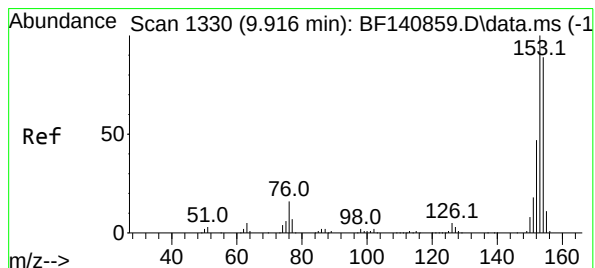
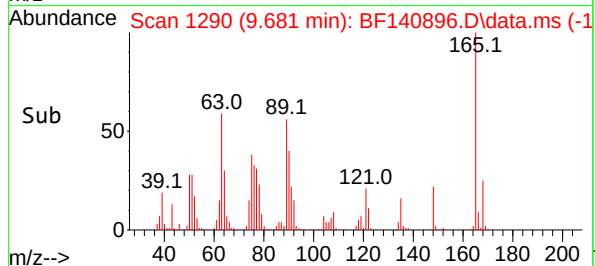
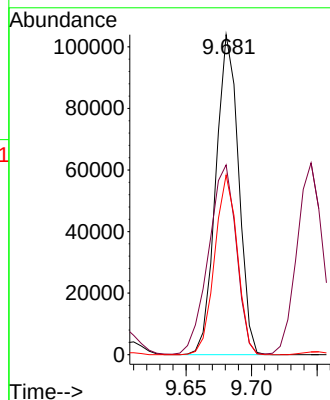
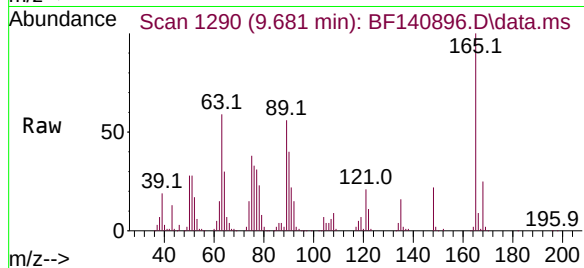
Tgt Ion:165 Resp: 125234

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

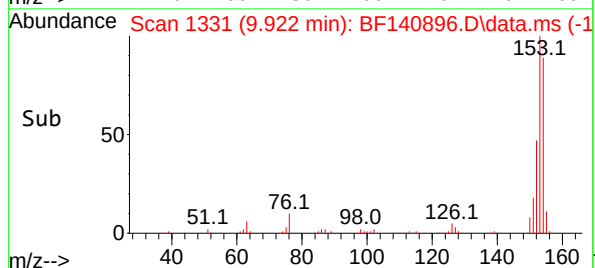
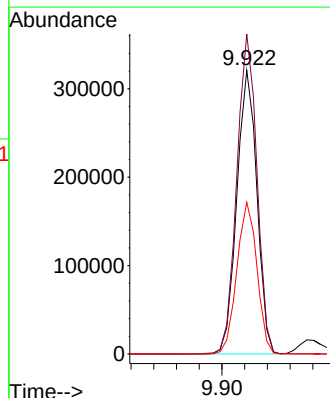
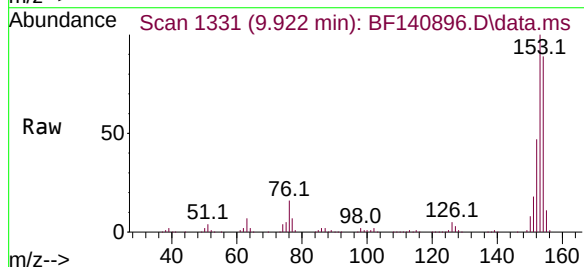
Tgt Ion:154 Resp: 394595

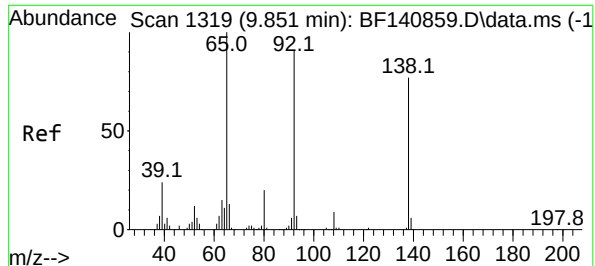
Ion Ratio Lower Upper

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# 11

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

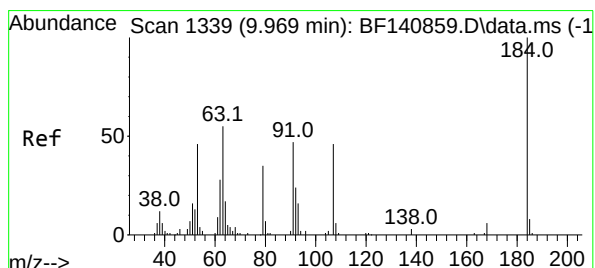
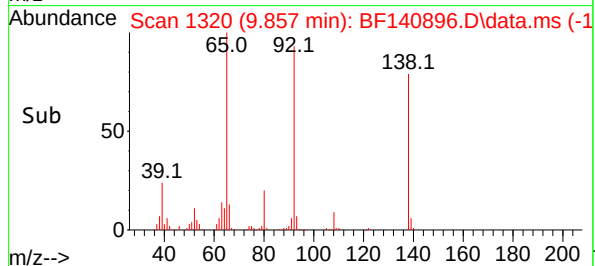
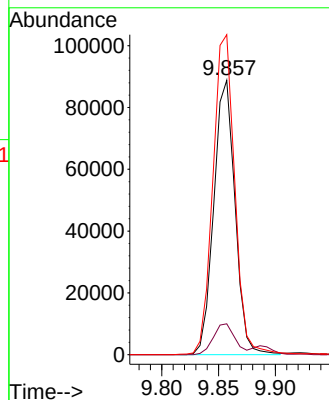
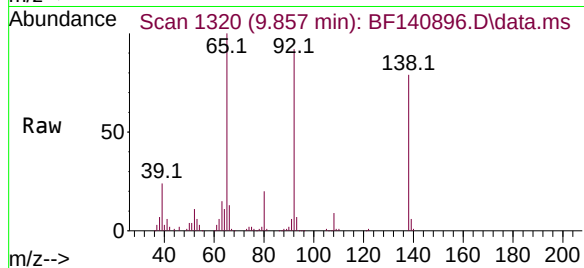
Tgt Ion:138 Resp: 115732

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

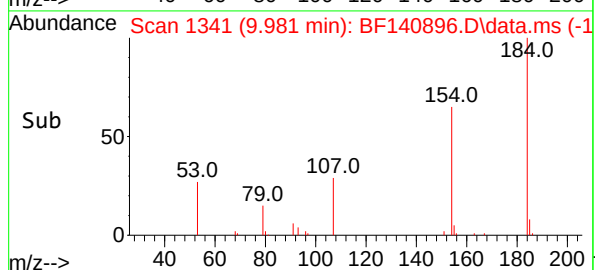
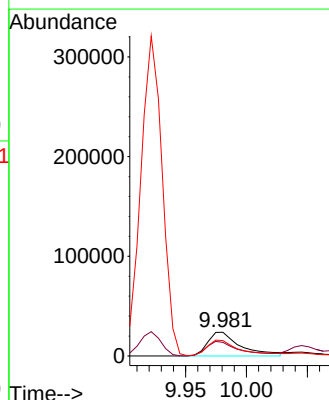
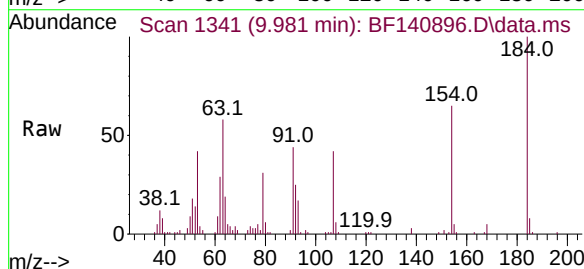
Tgt Ion:184 Resp: 44877

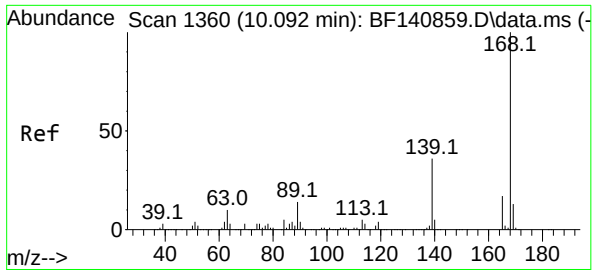
Ion Ratio Lower Upper

184 100

63 57.5 51.6 77.4

154 65.1 56.1 84.1





#55

Dibenzenofuran

Concen: 38.326 ng

RT: 10.092 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

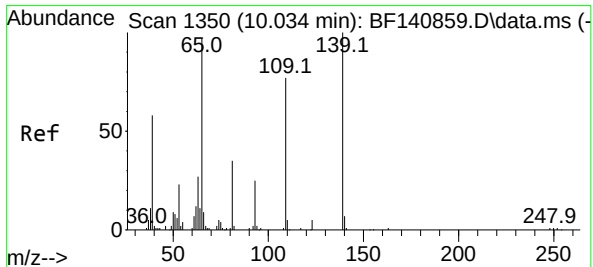
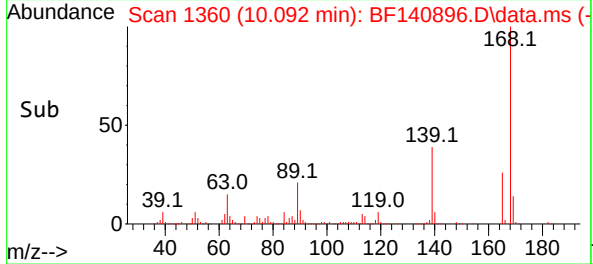
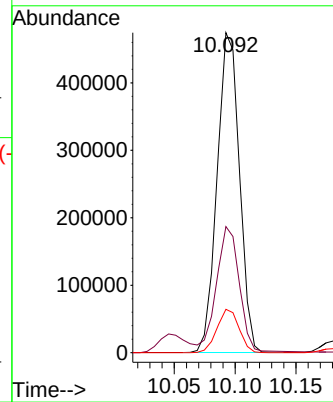
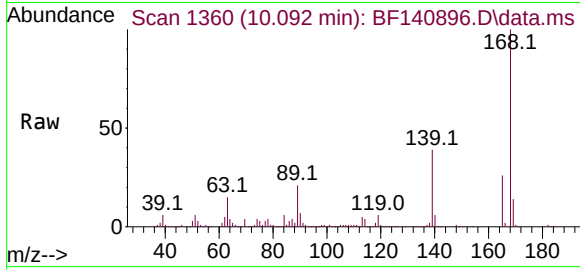
Tgt Ion:168 Resp: 604503

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

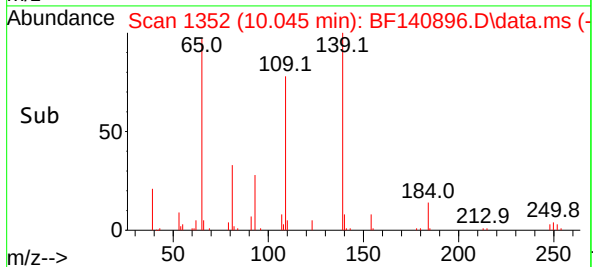
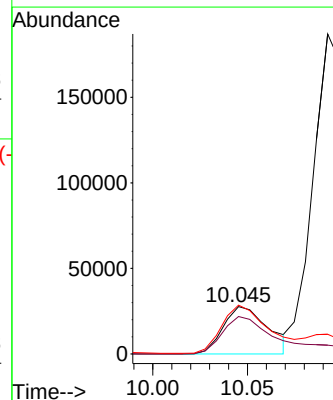
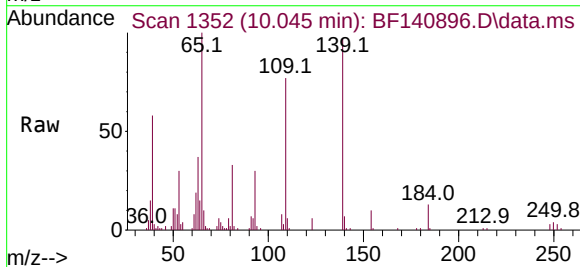
Tgt Ion:139 Resp: 45251

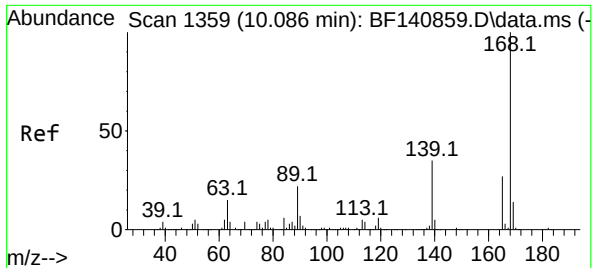
Ion Ratio Lower Upper

139 100

109 79.0 56.7 96.7

65 102.8 78.1 118.1

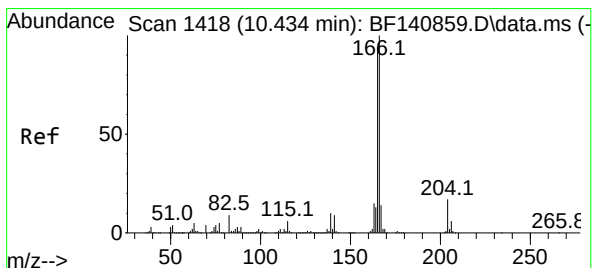
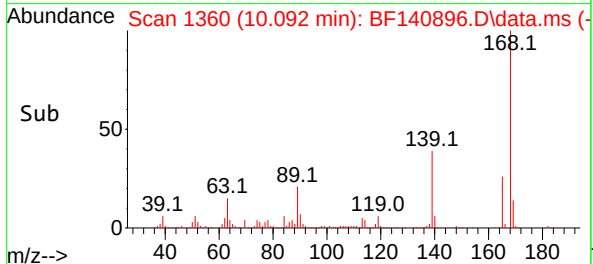
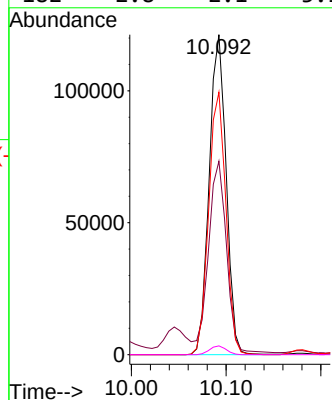
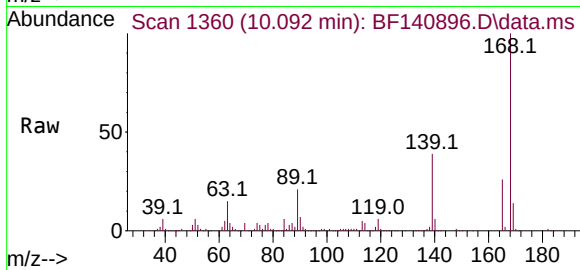




#57
2,4-Dinitrotoluene
Concen: 39.835 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

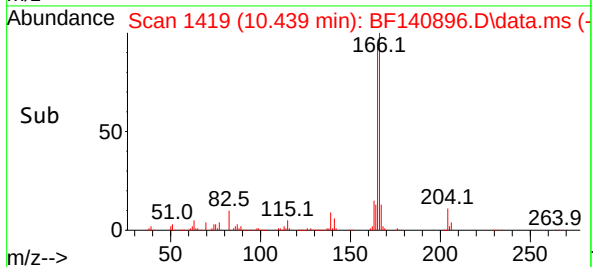
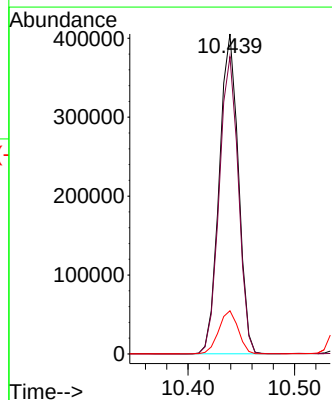
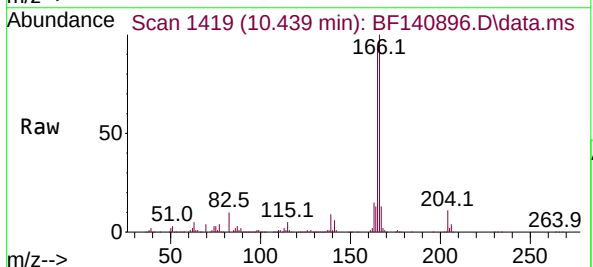
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

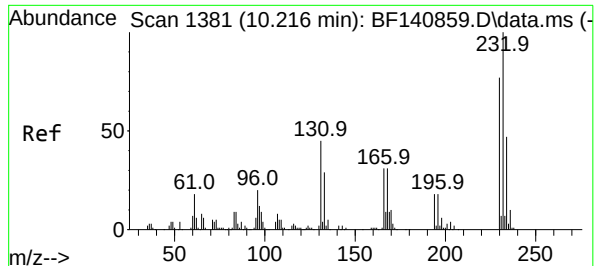
Tgt Ion:165 Resp: 150570
Ion Ratio Lower Upper
165 100
63 60.4 49.3 73.9
89 82.0 66.2 99.4
182 2.8 2.1 3.1



#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# 1382

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

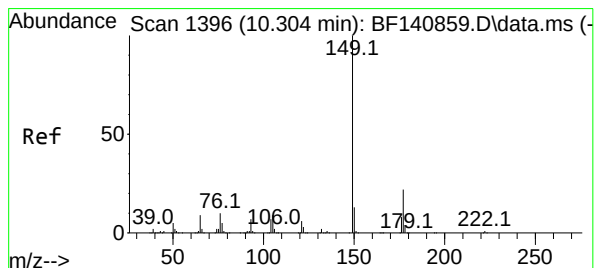
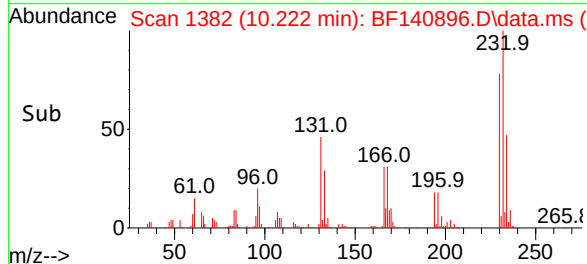
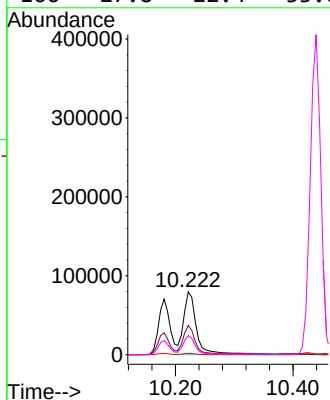
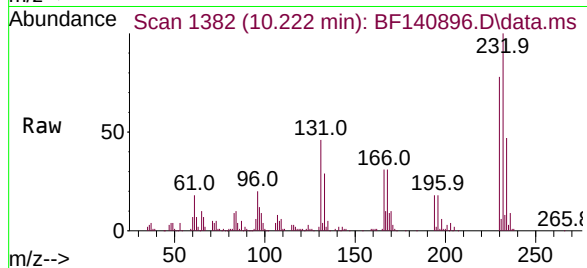
Ion Ratio Lower Upper

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

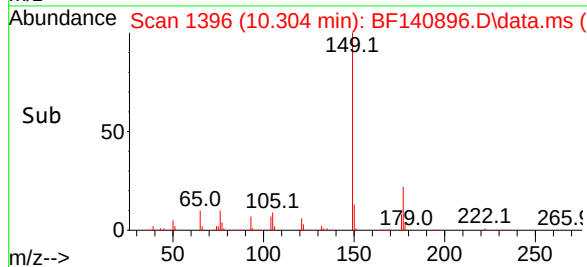
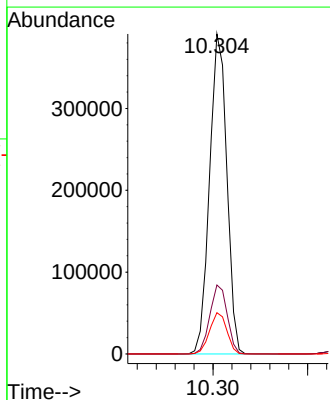
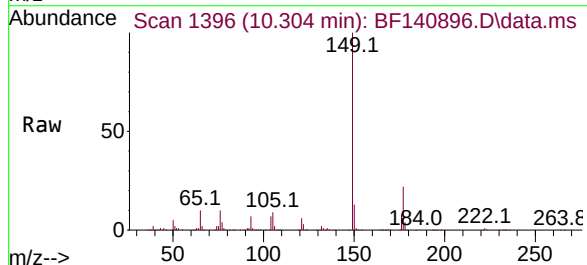
Tgt Ion:149 Resp: 494005

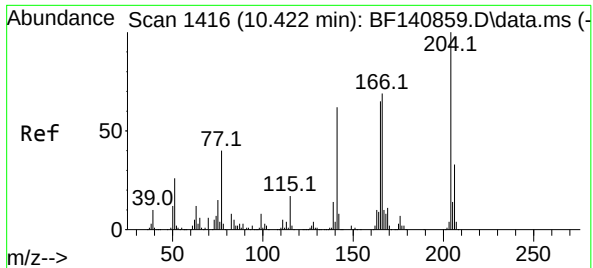
Ion Ratio Lower Upper

149 100

177 21.6 17.2 25.8

150 12.9 10.1 15.1

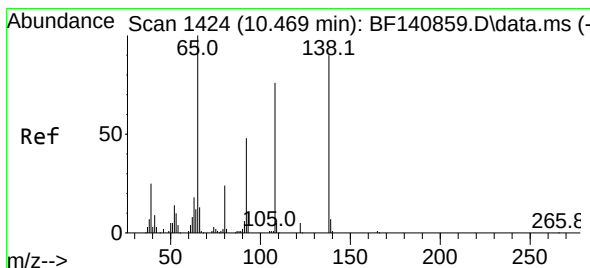
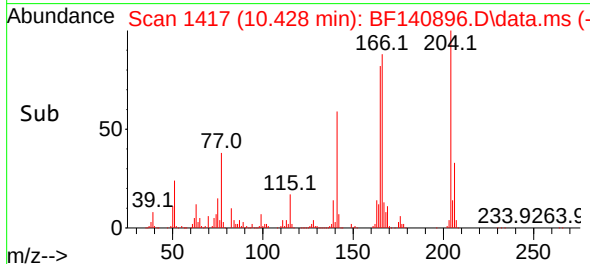
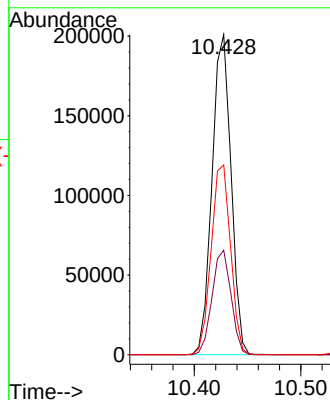
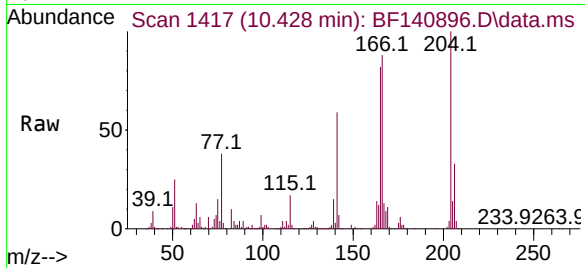




#61
4-Chlorophenyl-phenylether
Concen: 38.114 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

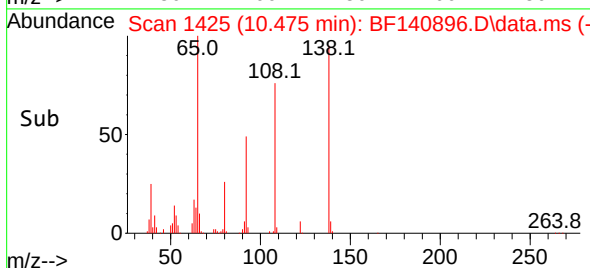
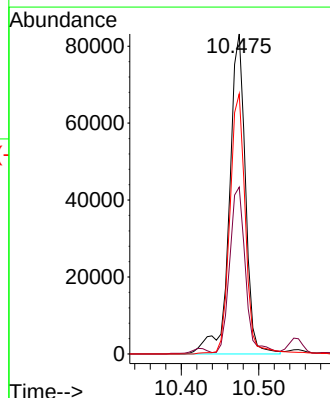
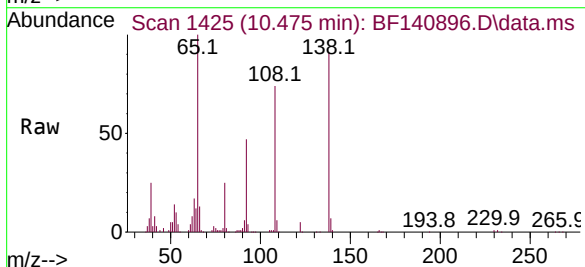
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

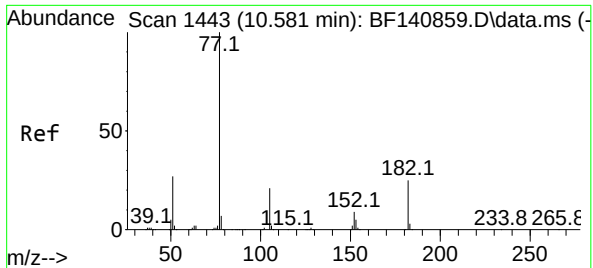
Tgt Ion:204 Resp: 249126
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 59.3 50.0 75.0



#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

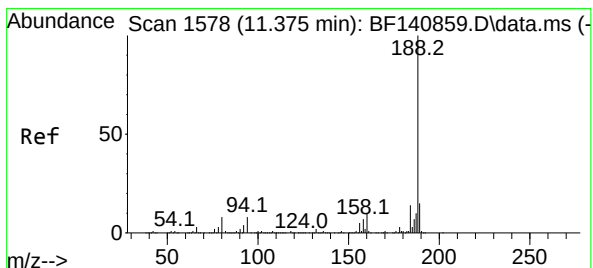
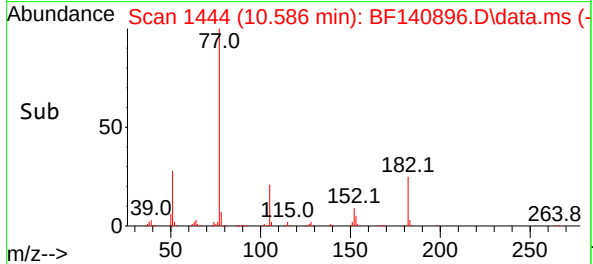
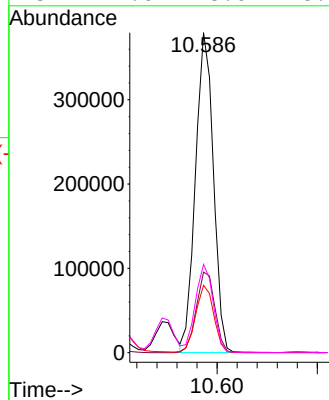
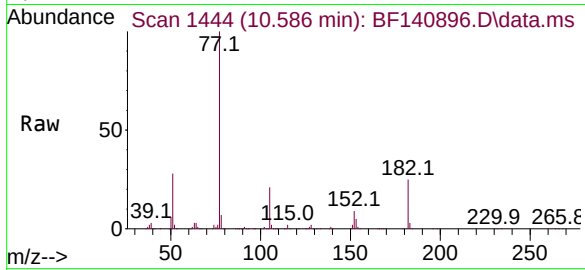




#63
Azobenzene
Concen: 38.516 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

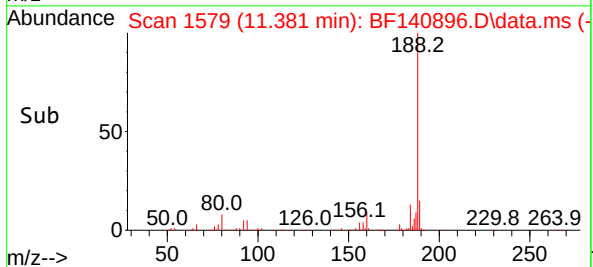
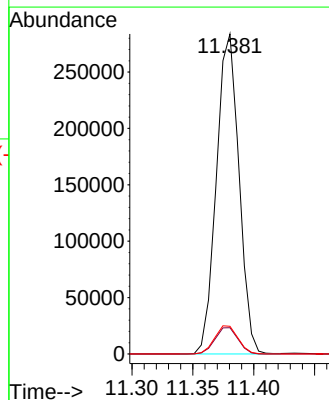
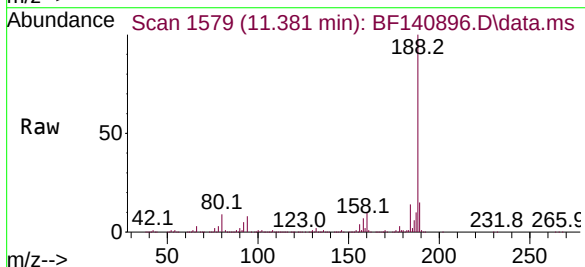
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

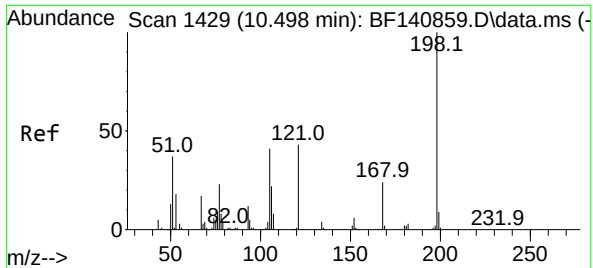
Tgt Ion: 77 Resp: 471847
Ion Ratio Lower Upper
77 100
182 25.2 4.5 44.5
105 21.1 0.9 40.9
51 27.6 8.6 48.6



#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

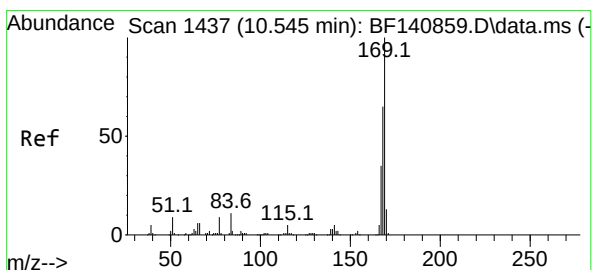
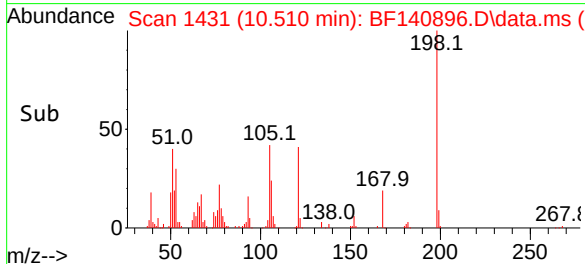
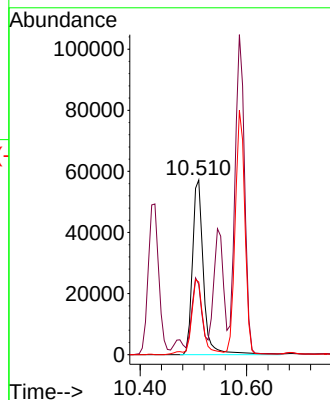
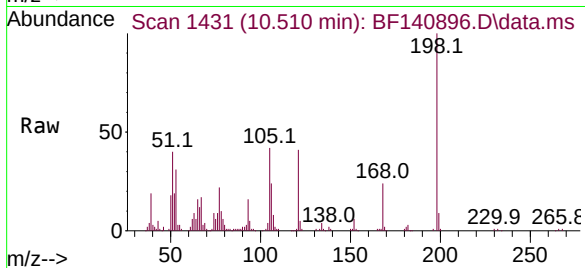




#65
4,6-Dinitro-2-methylphenol
Concen: 39.708 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

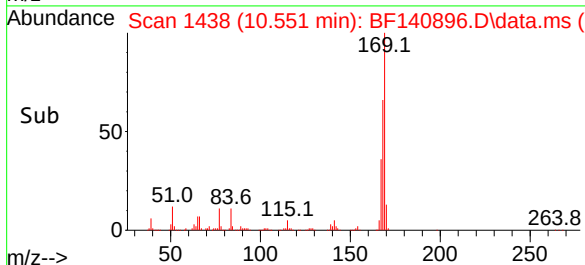
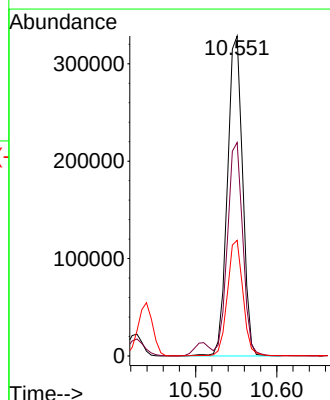
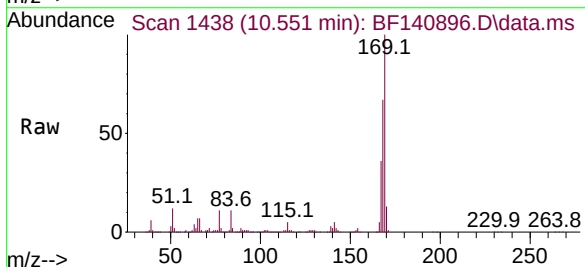
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

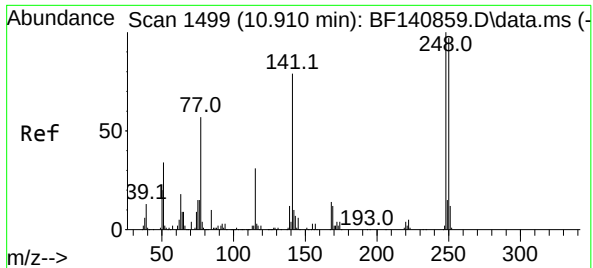
Tgt Ion:198 Resp: 82494
Ion Ratio Lower Upper
198 100
51 40.3 24.4 64.4
105 41.5 22.1 62.1



#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

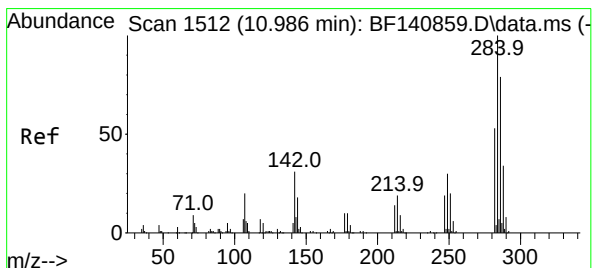
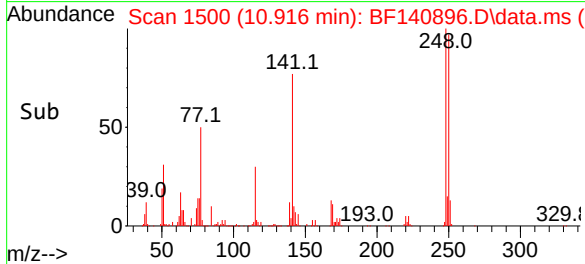
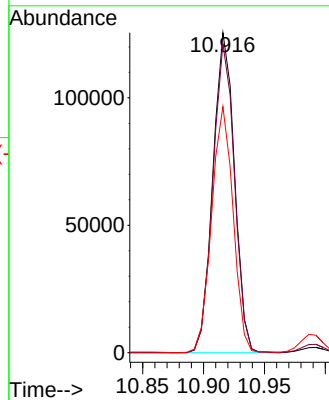
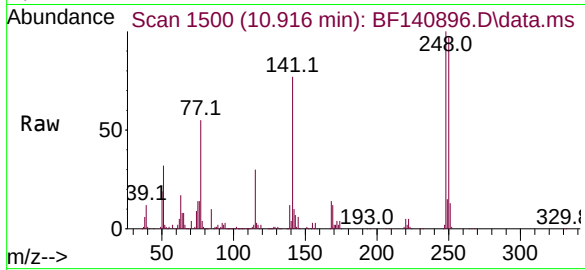




#67
4-Bromophenyl-phenylether
Concen: 37.605 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

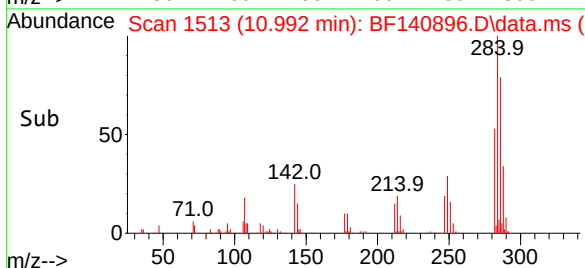
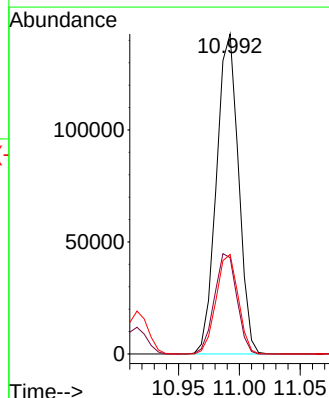
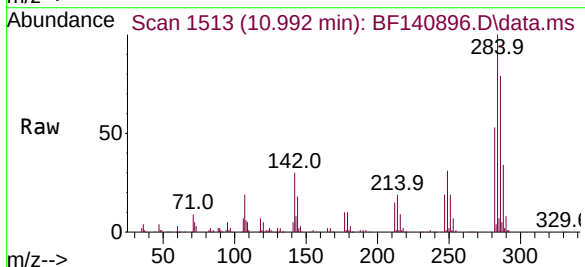
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

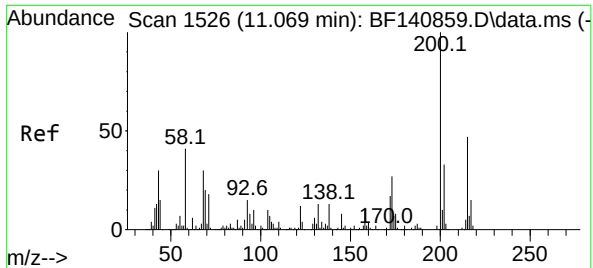
Tgt Ion:248 Resp: 154240
Ion Ratio Lower Upper
248 100
250 96.5 77.4 116.2
141 76.9 62.9 94.3



#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# 11

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

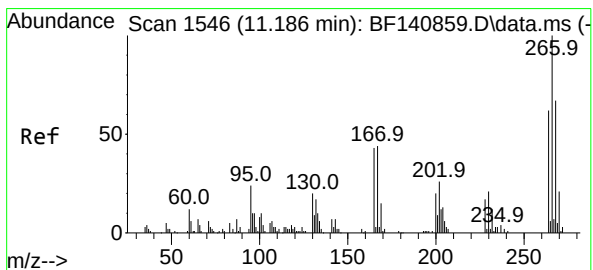
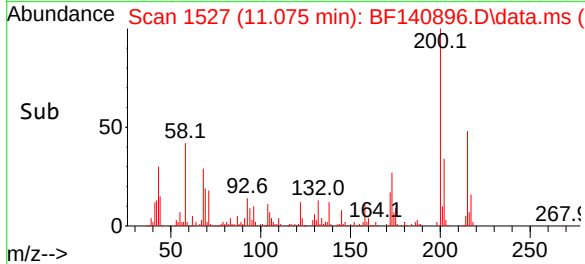
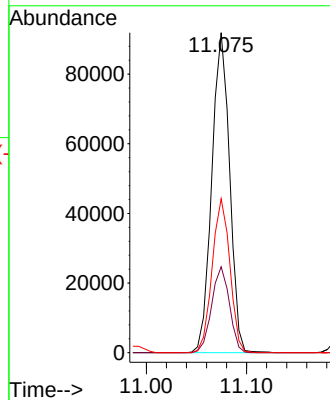
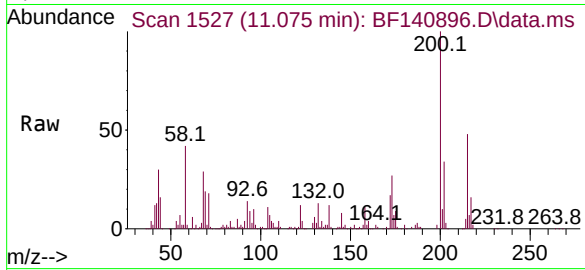
Tgt Ion:200 Resp: 113378

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

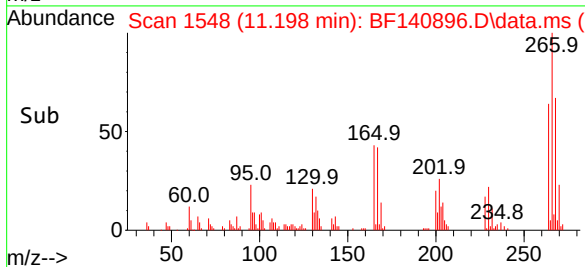
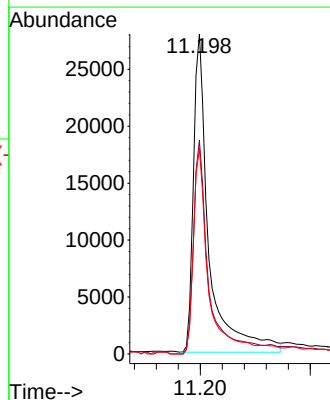
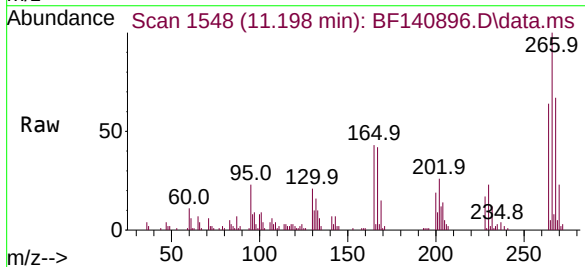
Tgt Ion:266 Resp: 54868

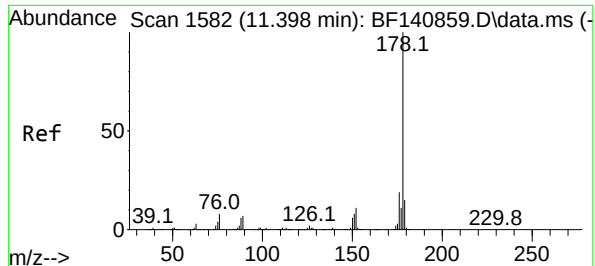
Ion Ratio Lower Upper

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# 1583

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

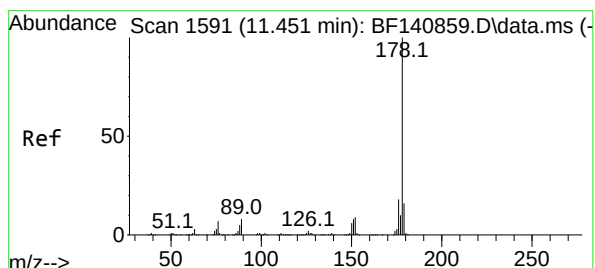
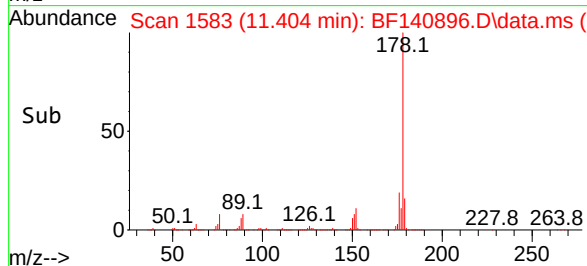
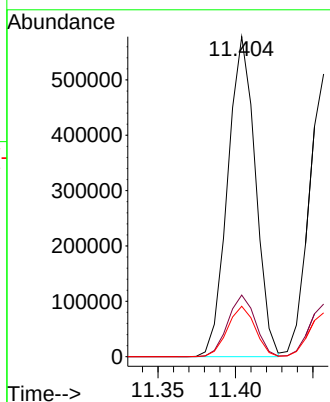
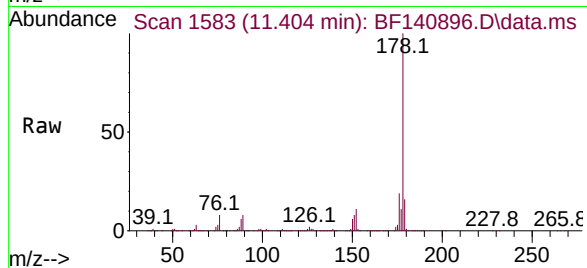
Tgt Ion:178 Resp: 717898

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

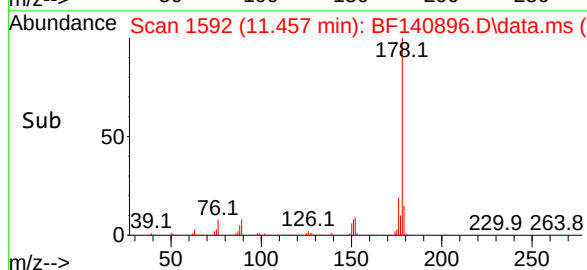
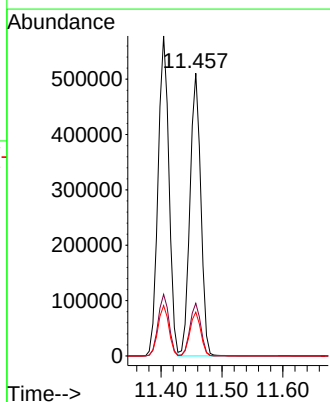
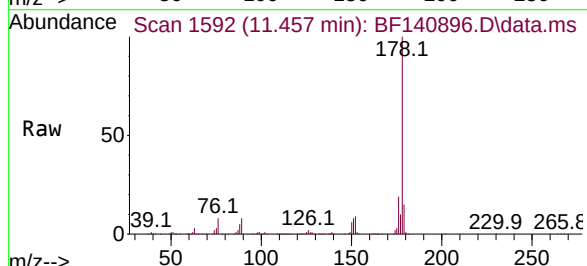
Tgt Ion:178 Resp: 631201

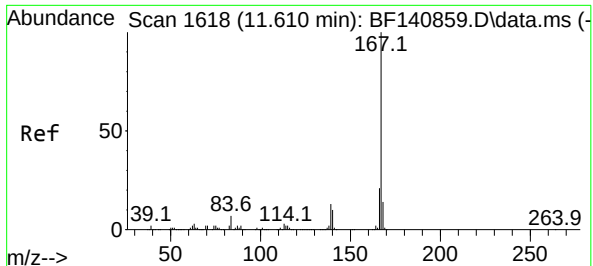
Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

179 15.5 12.6 18.8

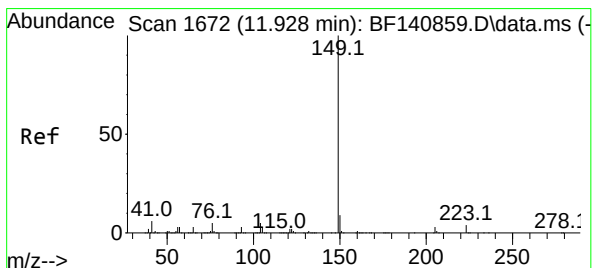
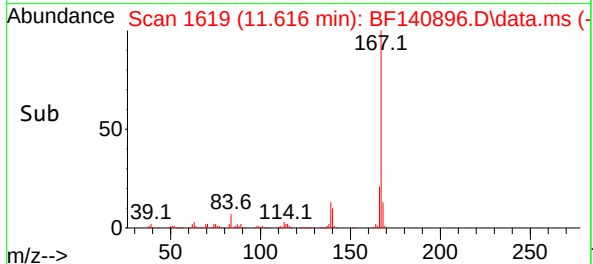
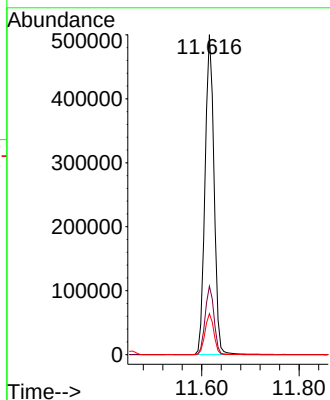
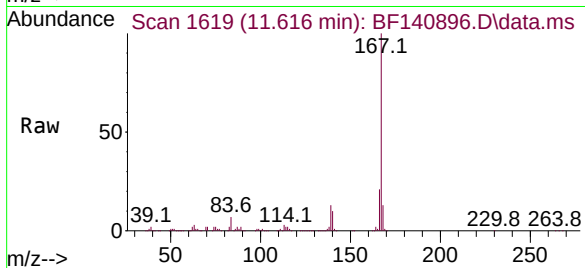




#73
Carbazole
Concen: 34.980 ng
RT: 11.616 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

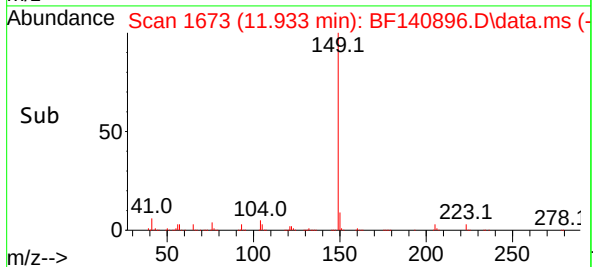
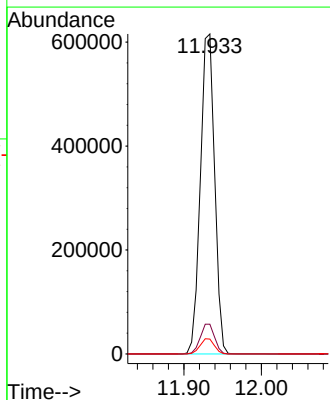
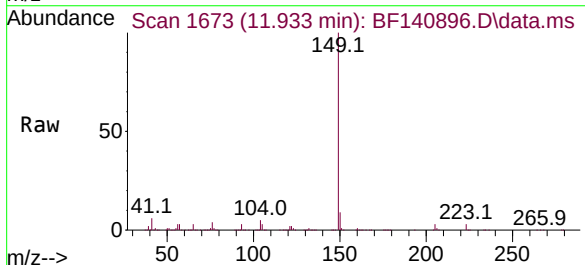
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

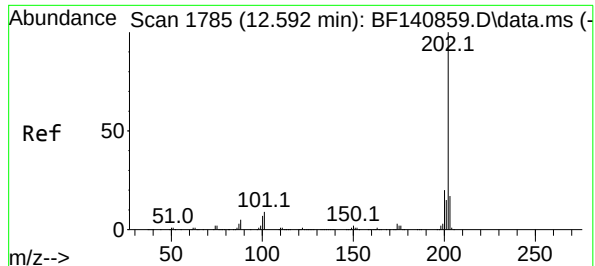
Tgt Ion:167 Resp: 636140
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 12.8 10.2 15.2



#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# 1785

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

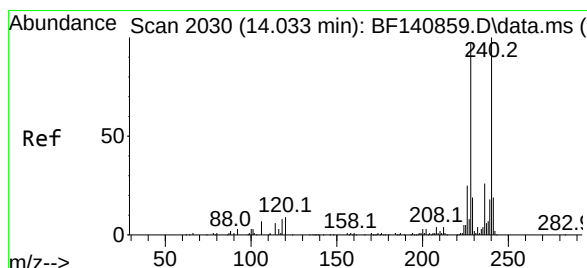
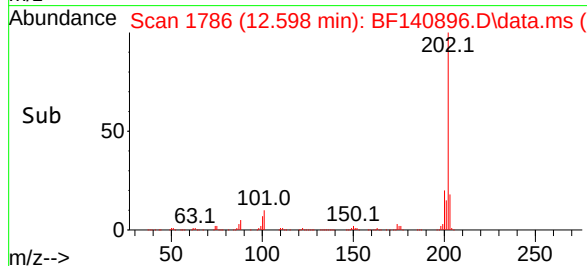
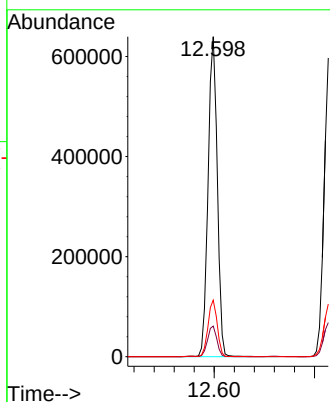
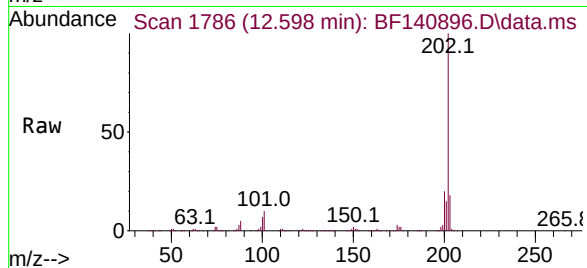
Tgt Ion:202 Resp: 818711

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

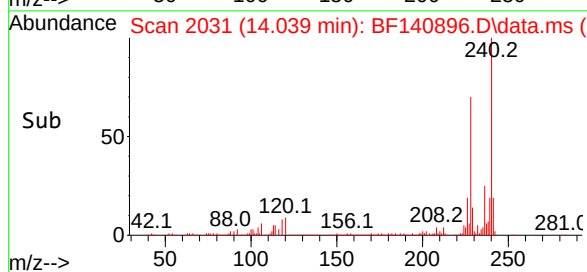
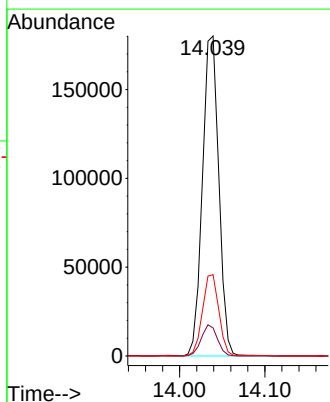
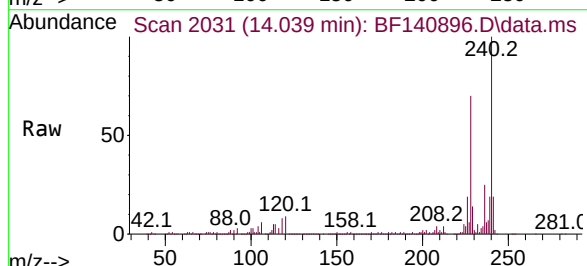
Tgt Ion:240 Resp: 240438

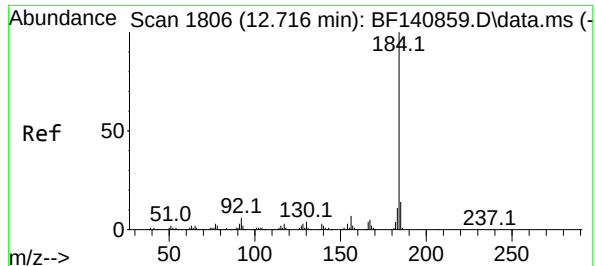
Ion Ratio Lower Upper

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# 1807

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

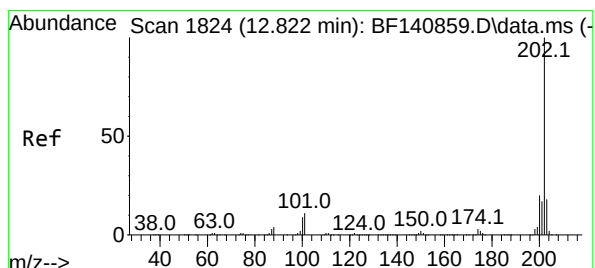
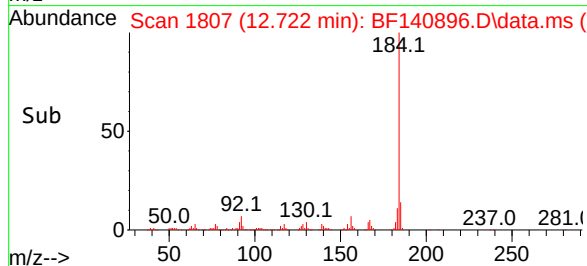
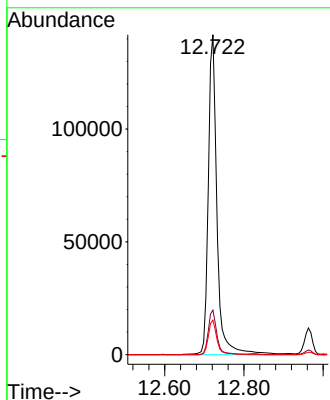
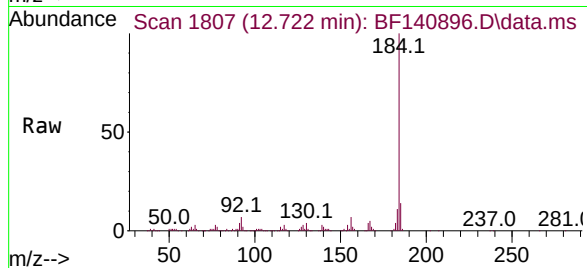
BNA_F

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

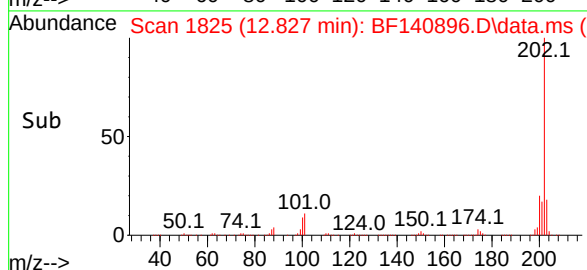
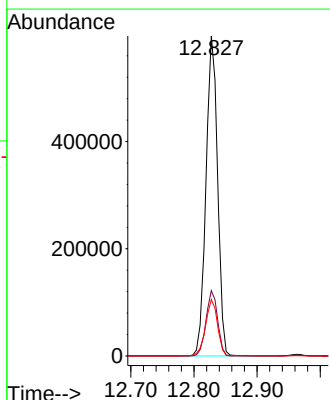
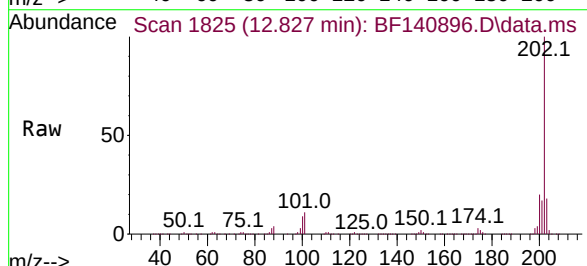
Delta R.T. 0.006 min

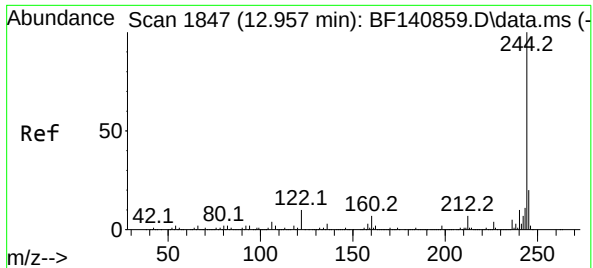
Lab File: BF140896.D

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# 11

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

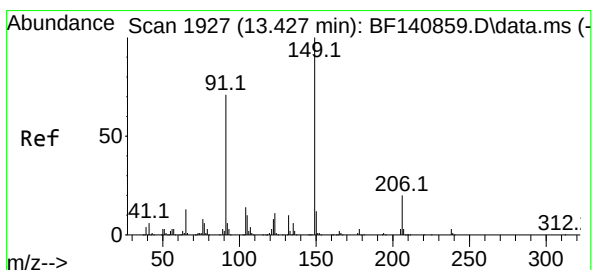
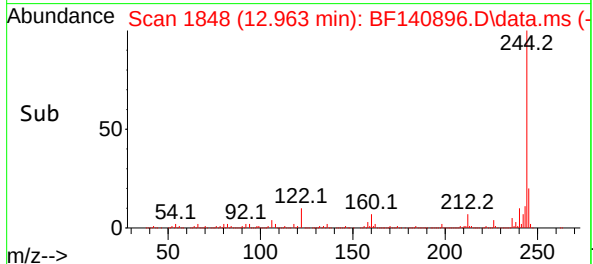
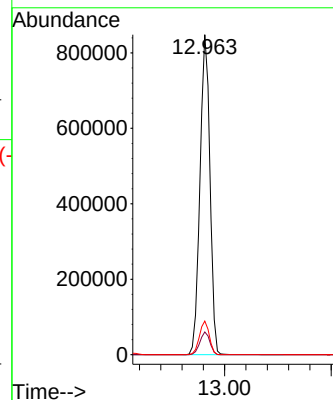
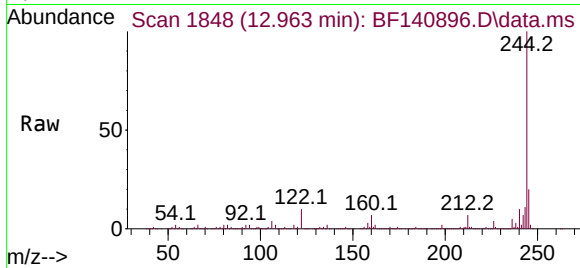
Tgt Ion:244 Resp: 1104054

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

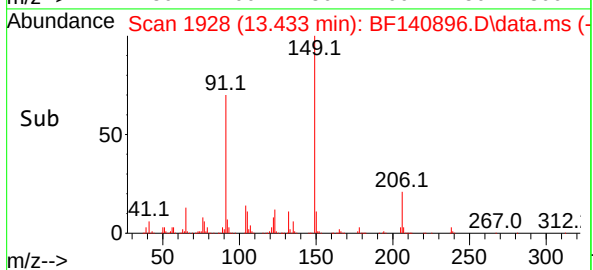
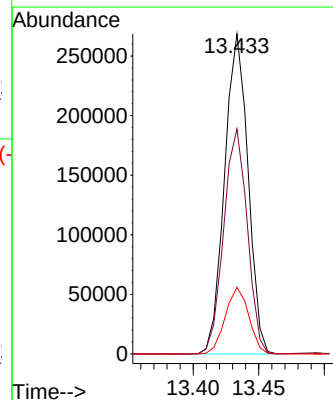
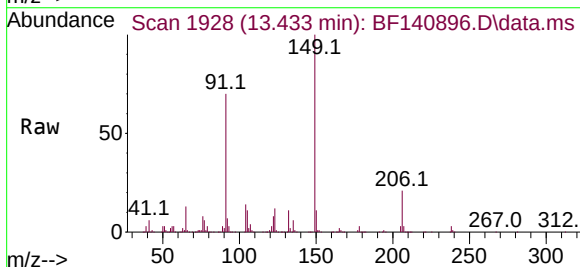
Tgt Ion:149 Resp: 334058

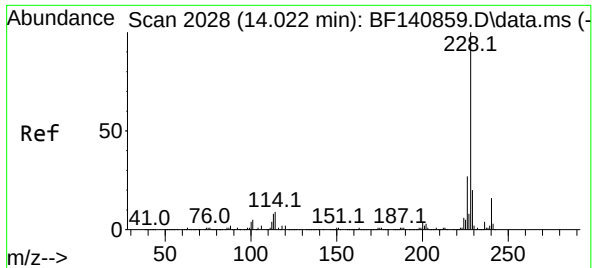
Ion Ratio Lower Upper

149 100

91 70.3 56.7 85.1

206 20.8 16.4 24.6

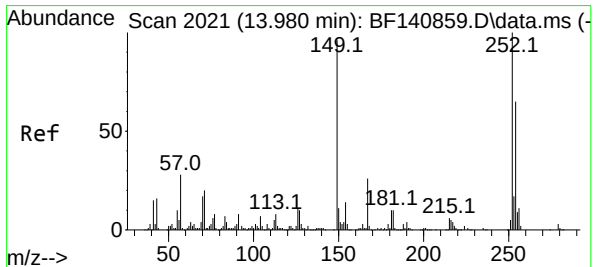
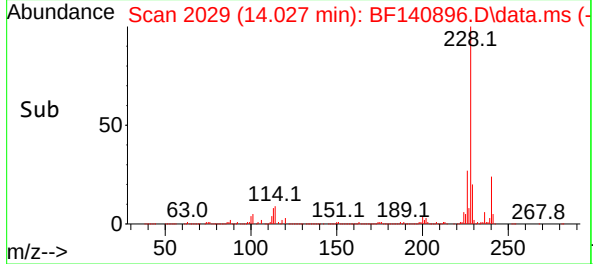
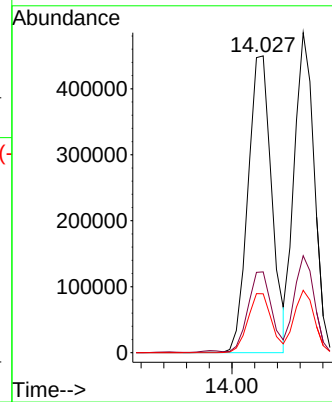
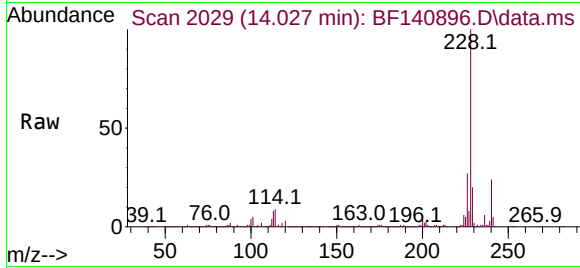




#81
Benzo(a)anthracene
Concen: 38.305 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

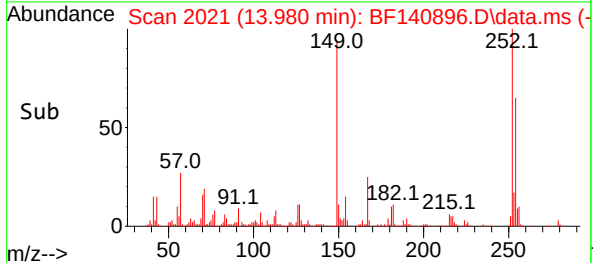
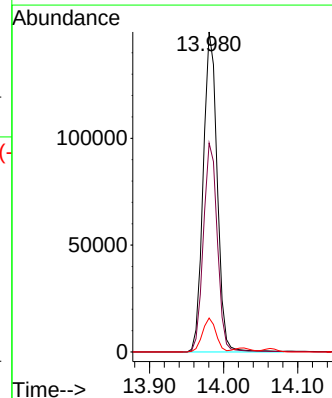
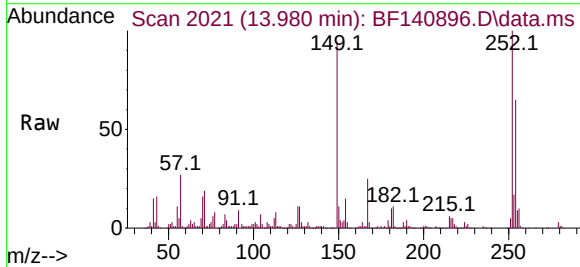
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

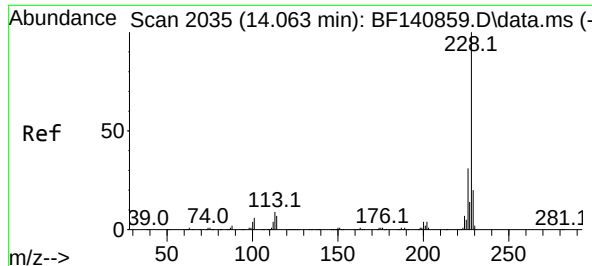
Tgt Ion:228 Resp: 652734
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.8 15.8 23.8



#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# 2035

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

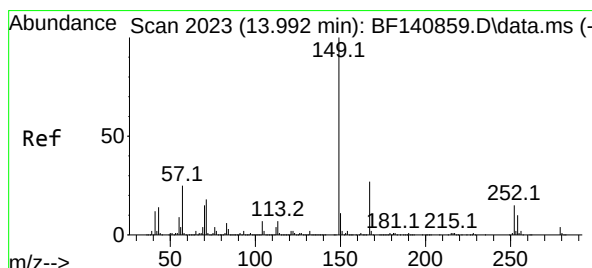
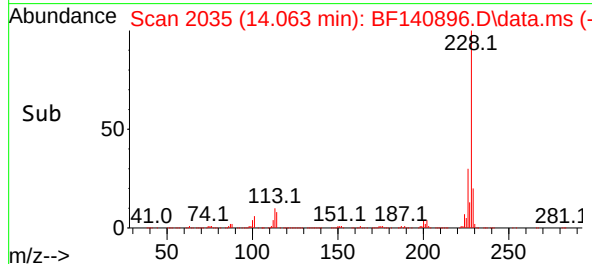
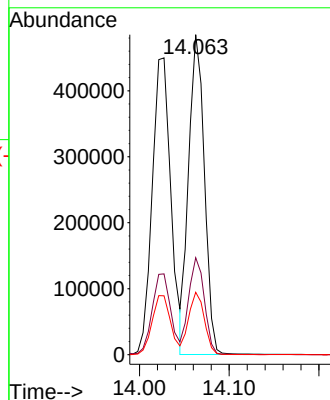
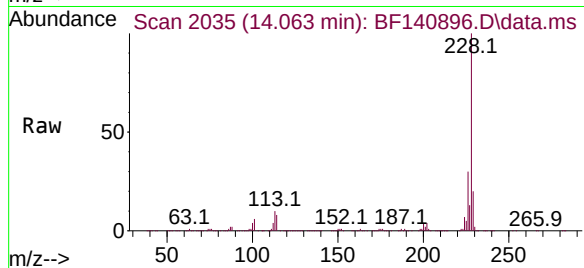
Tgt Ion:228 Resp: 593332

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

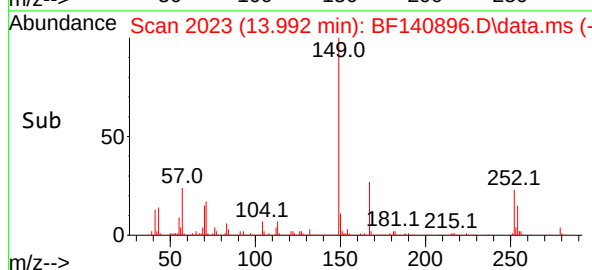
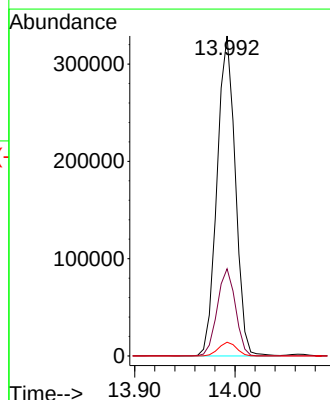
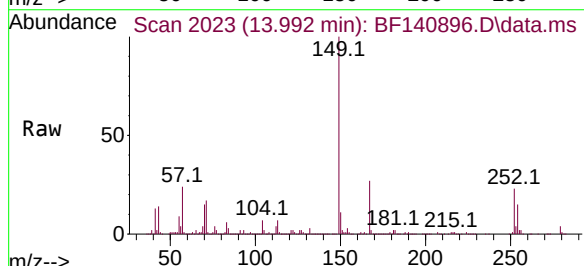
Tgt Ion:149 Resp: 415546

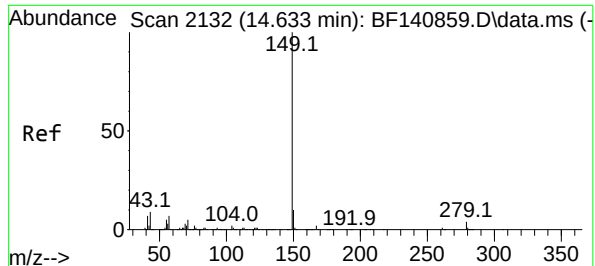
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 4.3 3.5 5.3

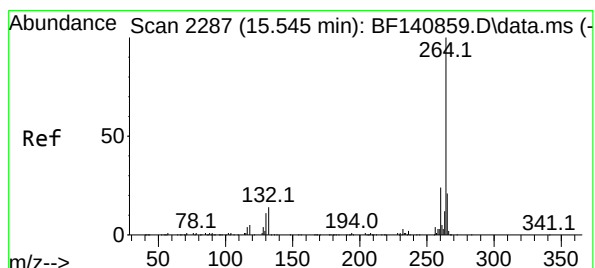
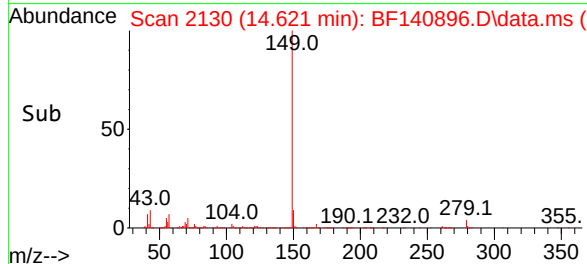
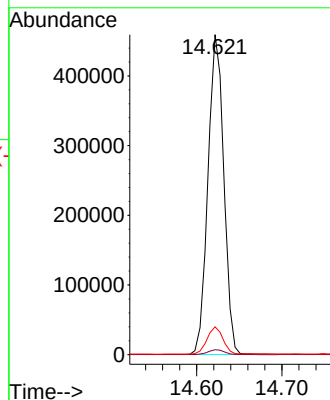
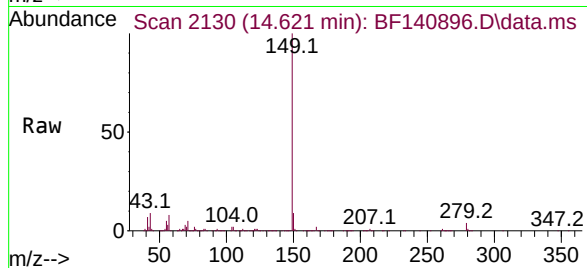




#85
Di-n-octyl phthalate
Concen: 38.603 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

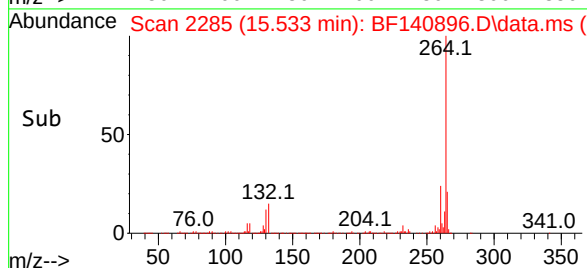
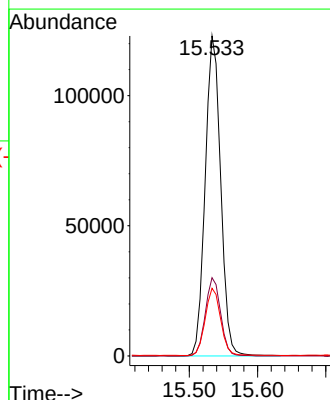
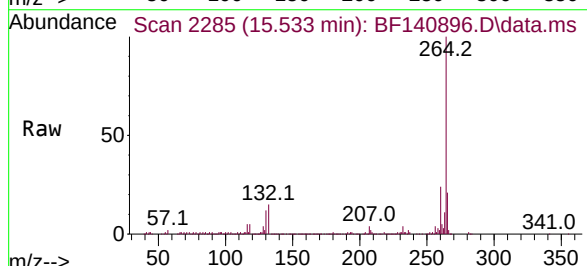
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

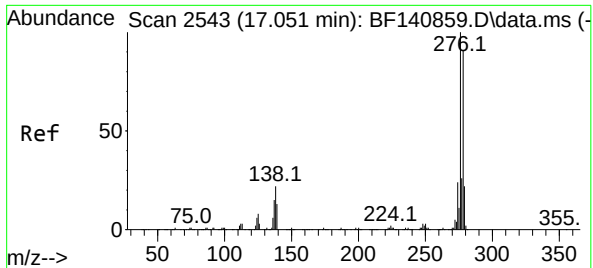
Tgt Ion:149 Resp: 592446
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.8 7.0 10.6



#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

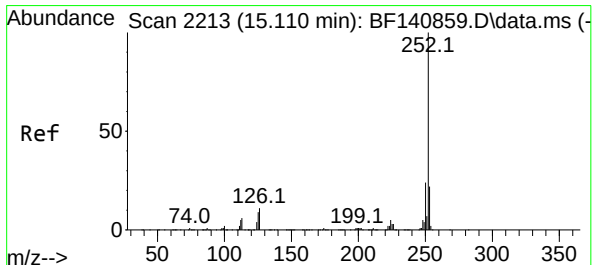
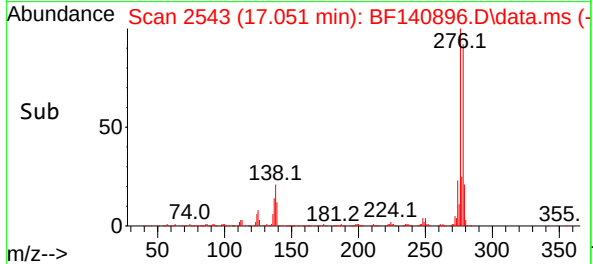
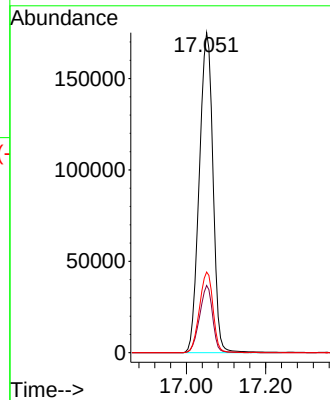
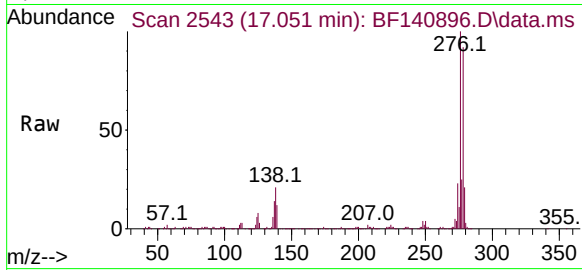




#87
Indeno(1,2,3-cd)pyrene
Concen: 34.551 ng
RT: 17.051 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

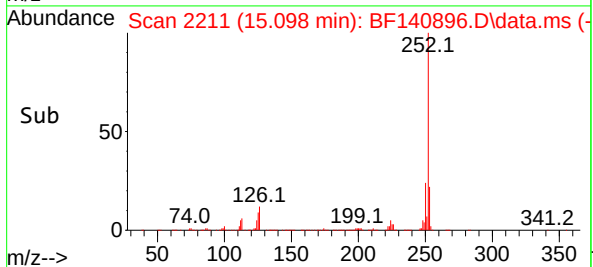
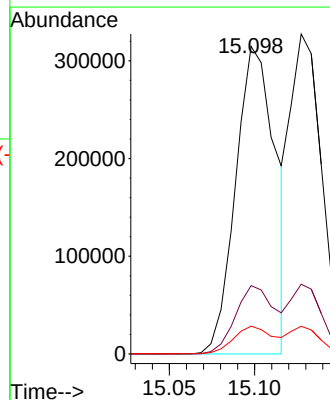
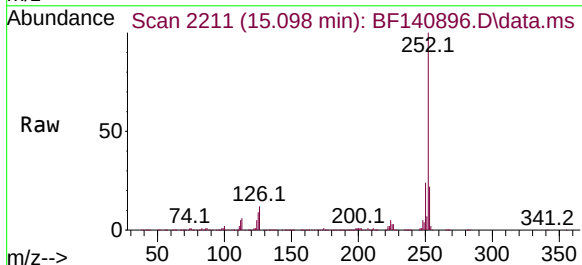
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

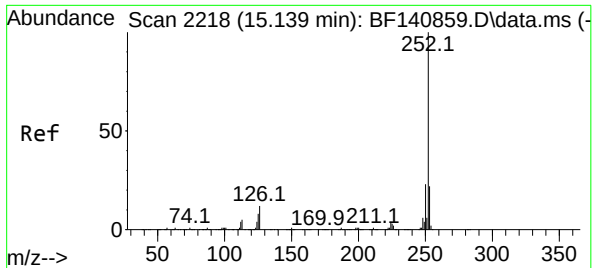
Tgt Ion:276 Resp: 419359
Ion Ratio Lower Upper
276 100
138 19.9 16.9 25.3
277 24.9 20.2 30.4



#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# 21

Delta R.T. -0.012 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

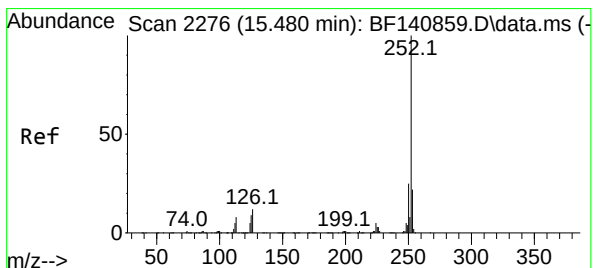
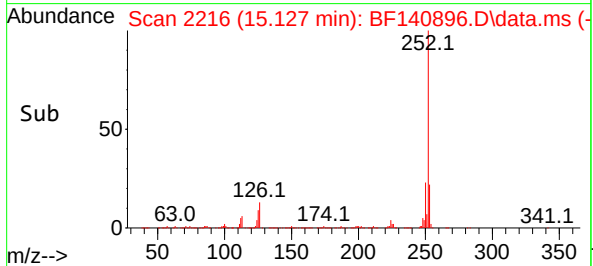
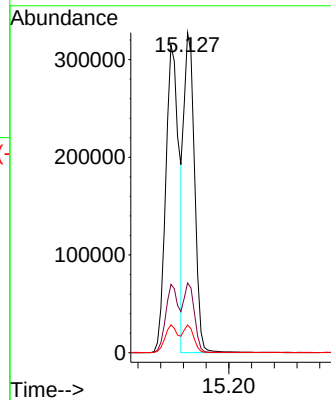
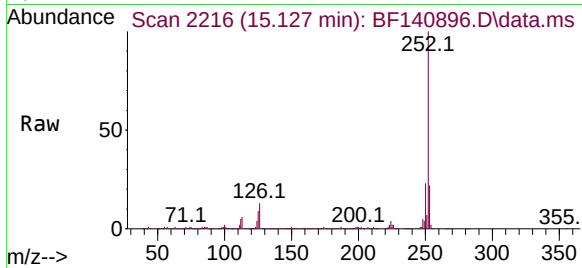
Tgt Ion:252 Resp: 424287

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

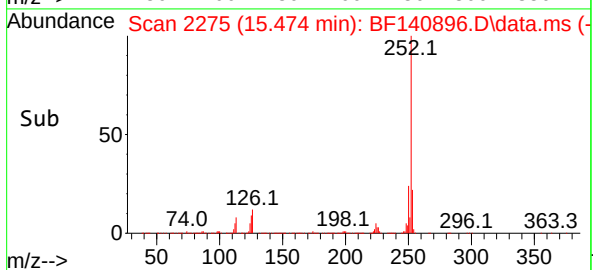
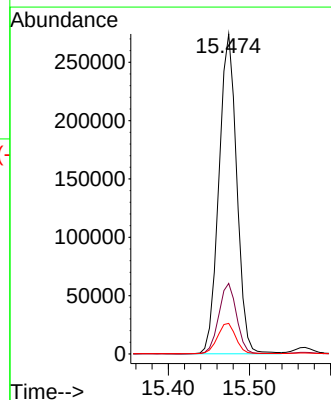
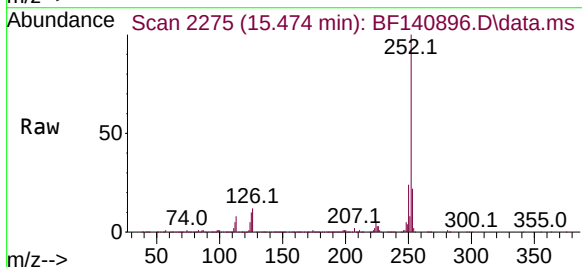
Tgt Ion:252 Resp: 418720

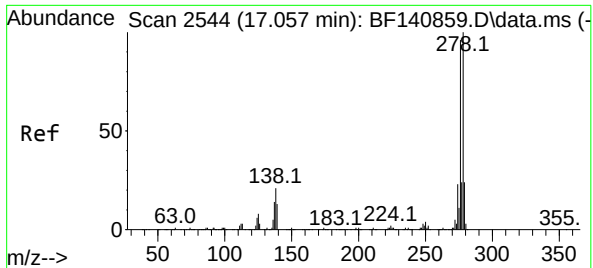
Ion Ratio Lower Upper

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# 21

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

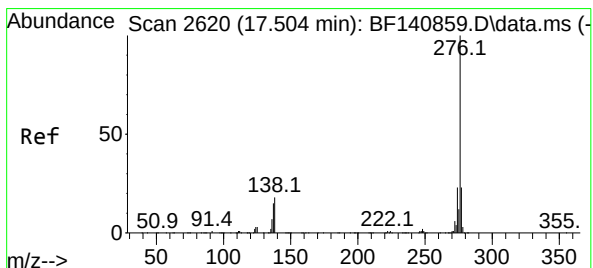
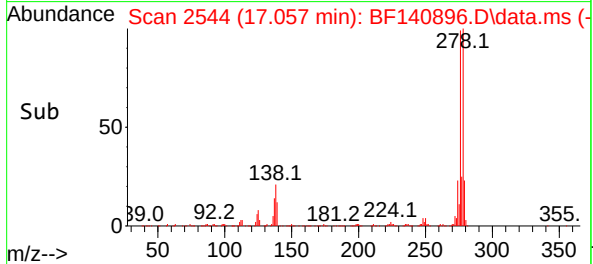
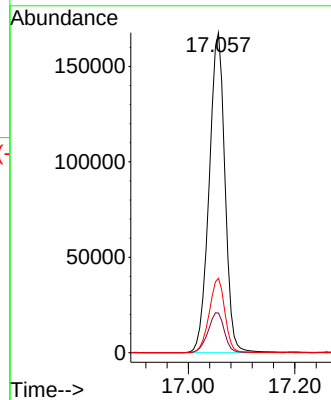
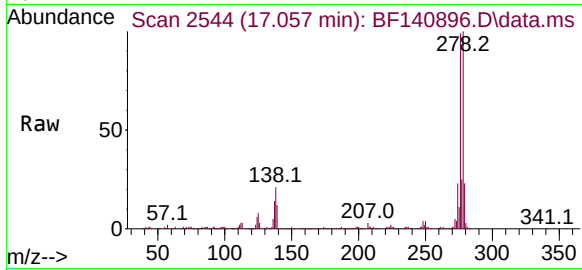
Tgt Ion:278 Resp: 345837

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

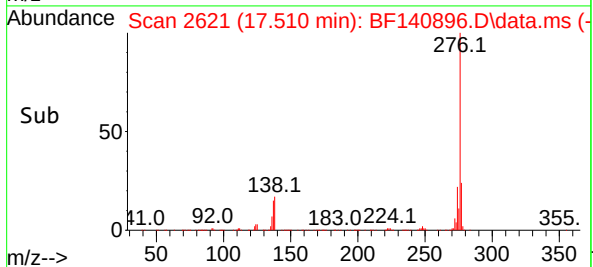
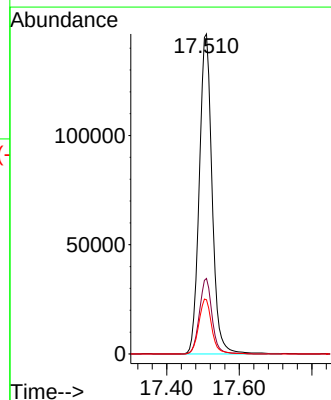
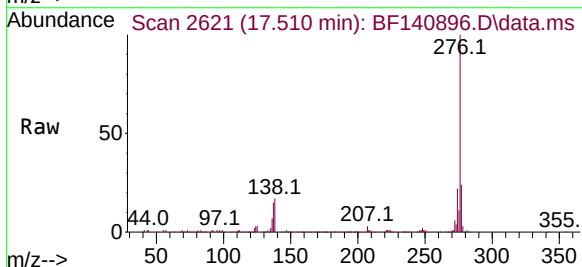
Tgt Ion:276 Resp: 358807

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 16.9 14.2 21.2



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

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	Benzydine	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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140896.D
 Acq On : 18 Dec 2024 10:43
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 BNA_F
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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

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	Benzydine	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

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



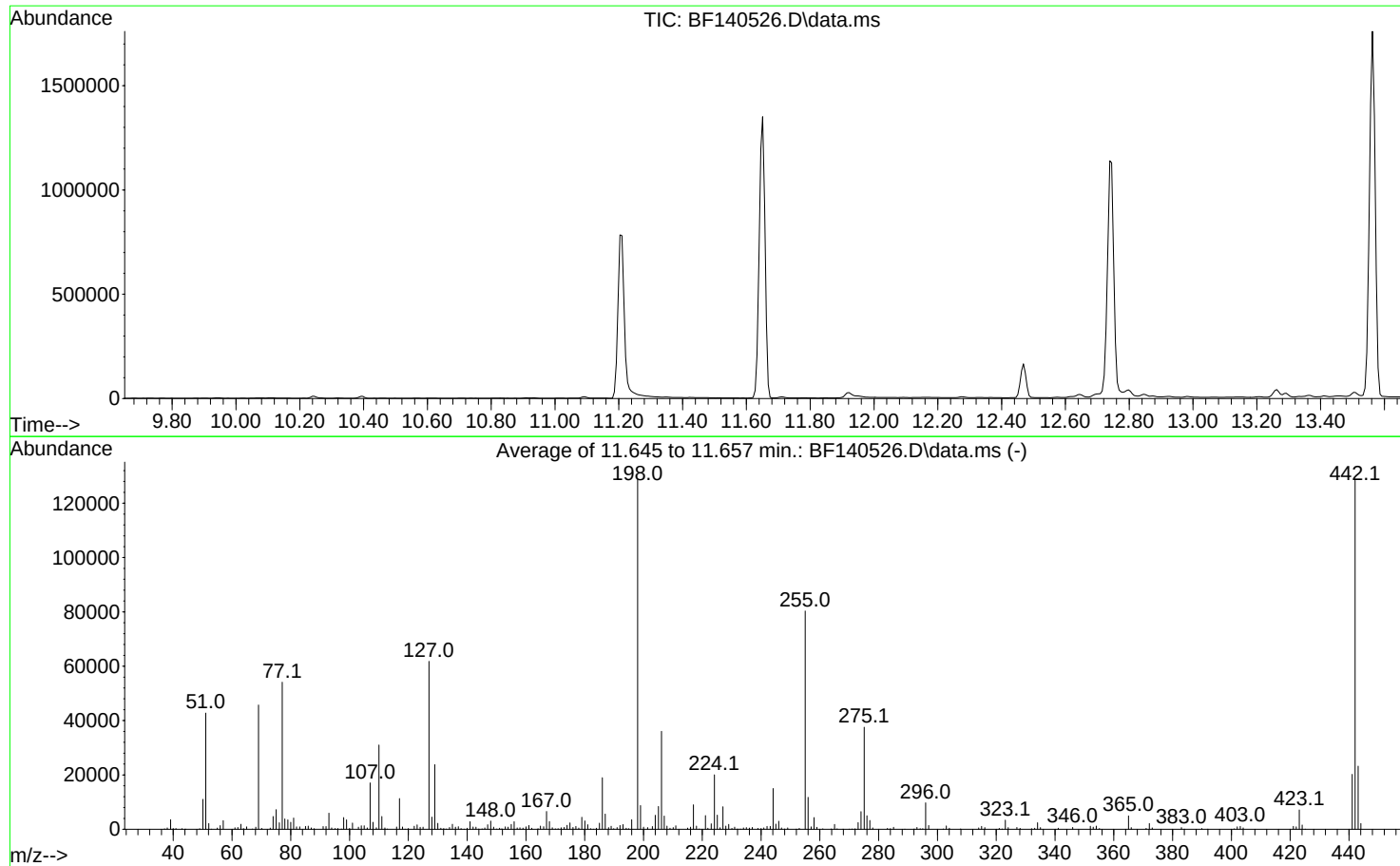
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140526.D
Acq On : 21 Nov 2024 10:17
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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Nov 21 15:23:48 2024



AutoFind: Scans 1624, 1625, 1626; Background Corrected with Scan 1617

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.3	42792	PASS
68	69	0.00	2	1.8	810	PASS
69	198	0.00	100	35.5	45731	PASS
70	69	0.00	2	0.7	327	PASS
127	198	10	80	48.0	61811	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	128688	PASS
199	198	5	9	6.8	8723	PASS
275	198	10	60	29.2	37552	PASS
365	198	1	100	3.8	4944	PASS
441	198	0.01	100	15.7	20189	PASS
442	442	50	100	100.0	128421	PASS
443	442	15	24	18.1	23261	PASS

DDT Breakdown

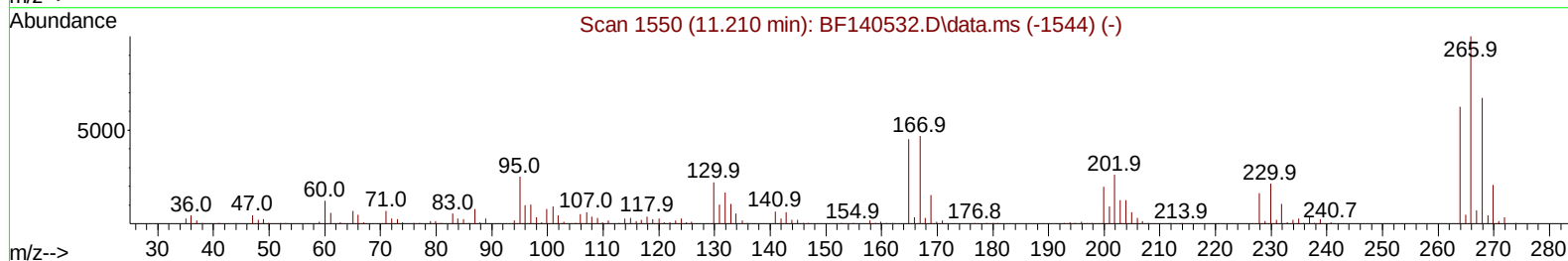
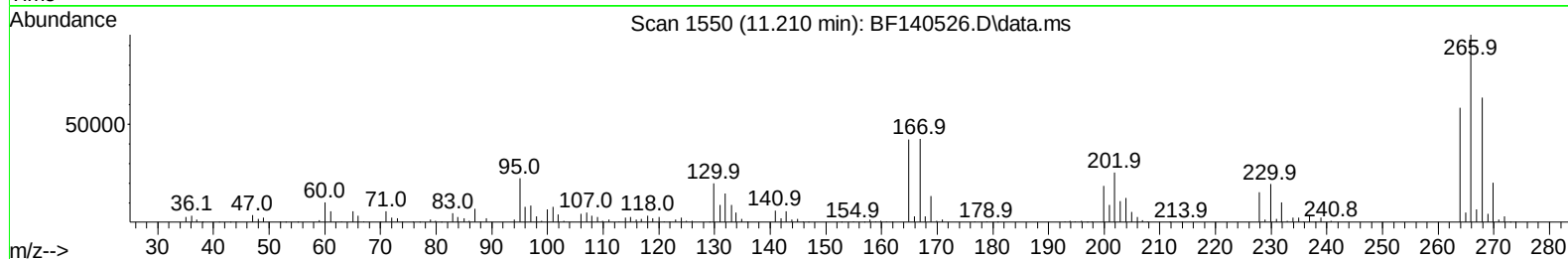
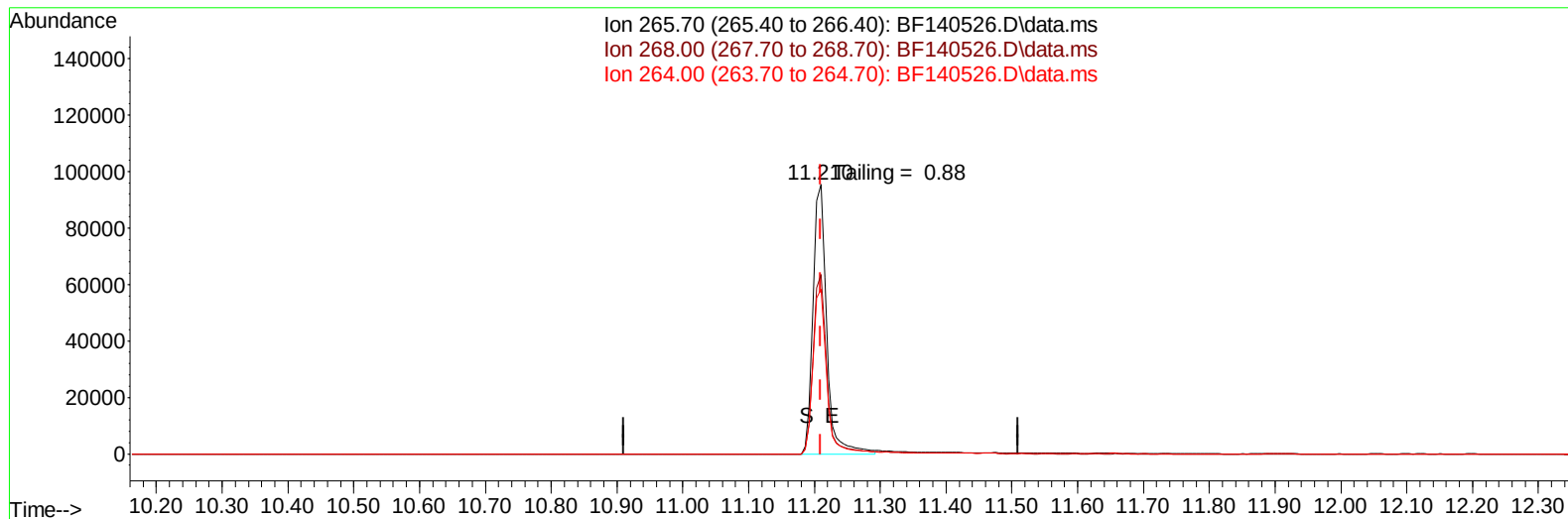
Date	Instrument Name	DFTPP Data File
11/21/2024	BNA_F	<u>BF140526.D</u>
Compound Name	Response	Retention Time
DDT	424151	13.562
DDD	14557	13.262
DDE	1132	12.921
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
15689	439840	3.57

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF-2024\BN-NOV-24\BF112124\
Data File : BF140526.D
Acq On : 21 Nov 2024 10:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 21 23:23:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



TIC: BF140526.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.000) 34448.94 ng

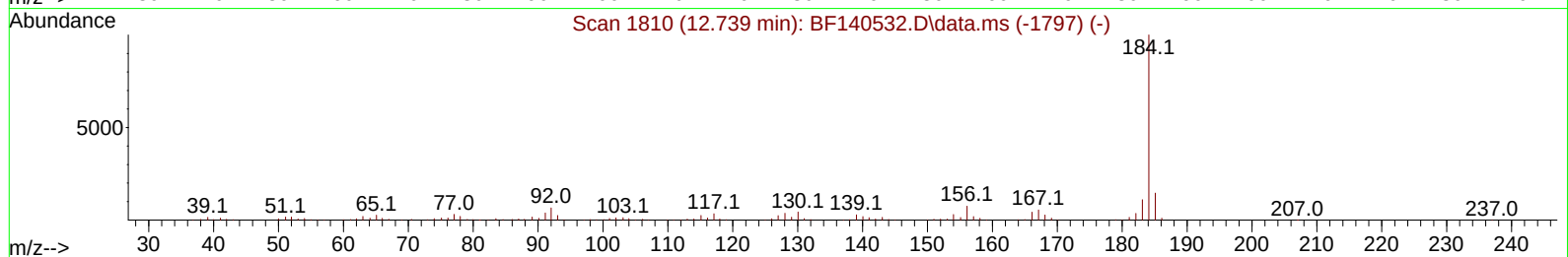
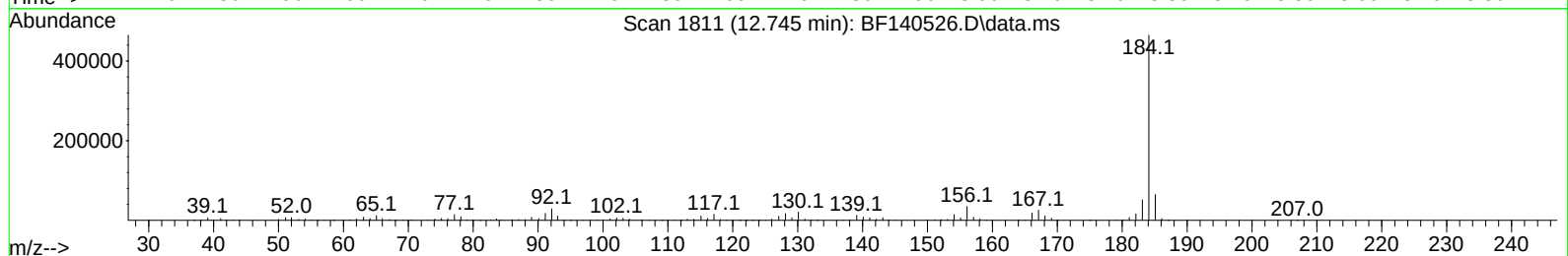
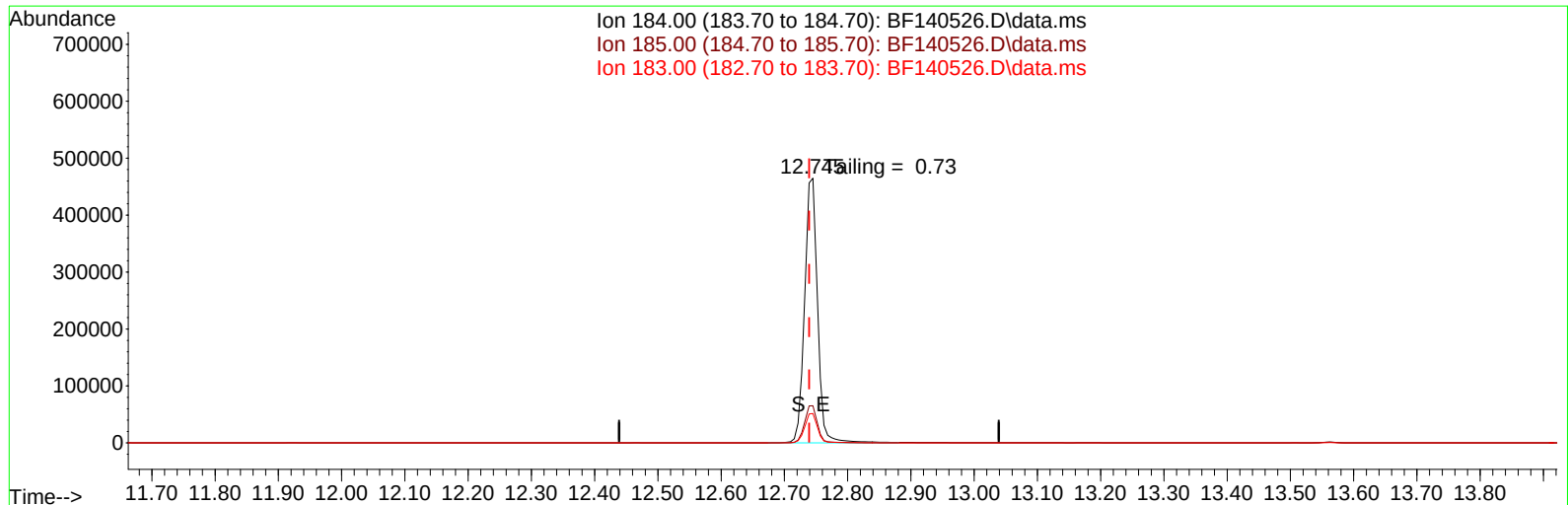
response 138311

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.10	66.58
264.00	62.30	61.22
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140526.D
Acq On : 21 Nov 2024 10:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 21 15:24:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



TIC: BF140526.D\data.ms

(77) Benzidine

12.745min (+ 0.006) 32779.12 ng

response 668077

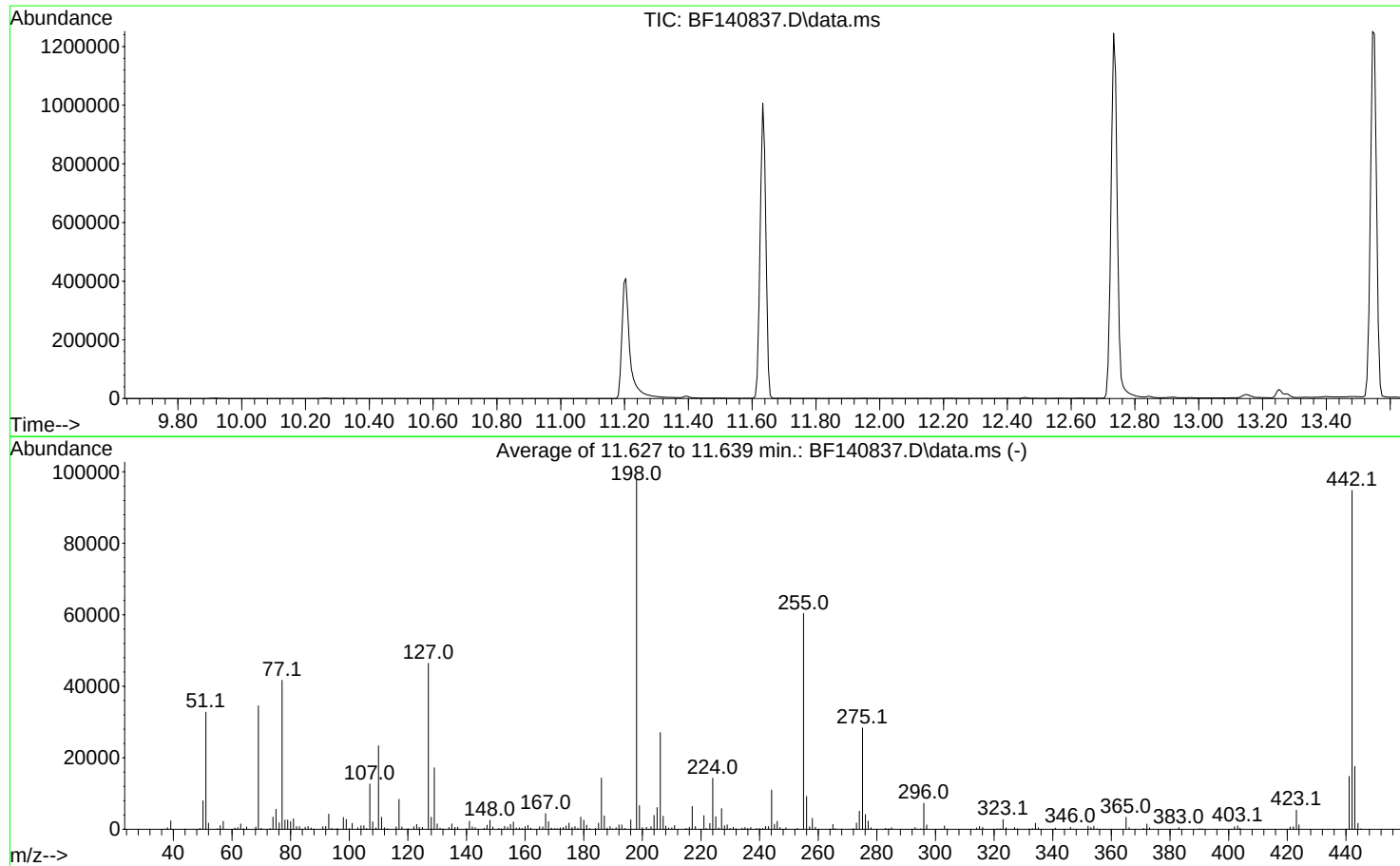
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.02
183.00	11.00	11.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140837.D
Acq On : 13 Dec 2024 11:48
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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Nov 21 15:23:48 2024



AutoFind: Scans 1621, 1622, 1623; Background Corrected with Scan 1615

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.5	32749	PASS
68	69	0.00	2	1.9	640	PASS
69	198	0.00	100	35.3	34501	PASS
70	69	0.00	2	0.8	285	PASS
127	198	10	80	47.4	46419	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	97829	PASS
199	198	5	9	6.8	6649	PASS
275	198	10	60	29.0	28363	PASS
365	198	1	100	3.4	3375	PASS
441	198	0.01	100	15.1	14794	PASS
442	442	50	100	100.0	94824	PASS
443	442	15	24	18.5	17582	PASS

DDT Breakdown

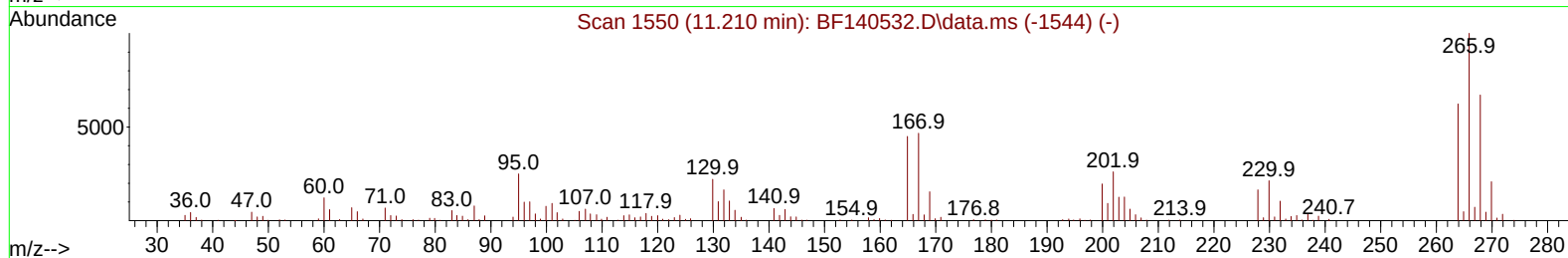
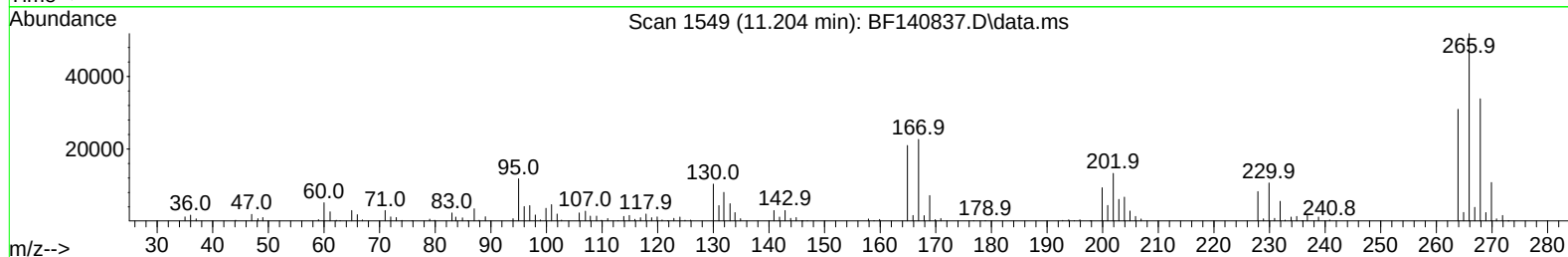
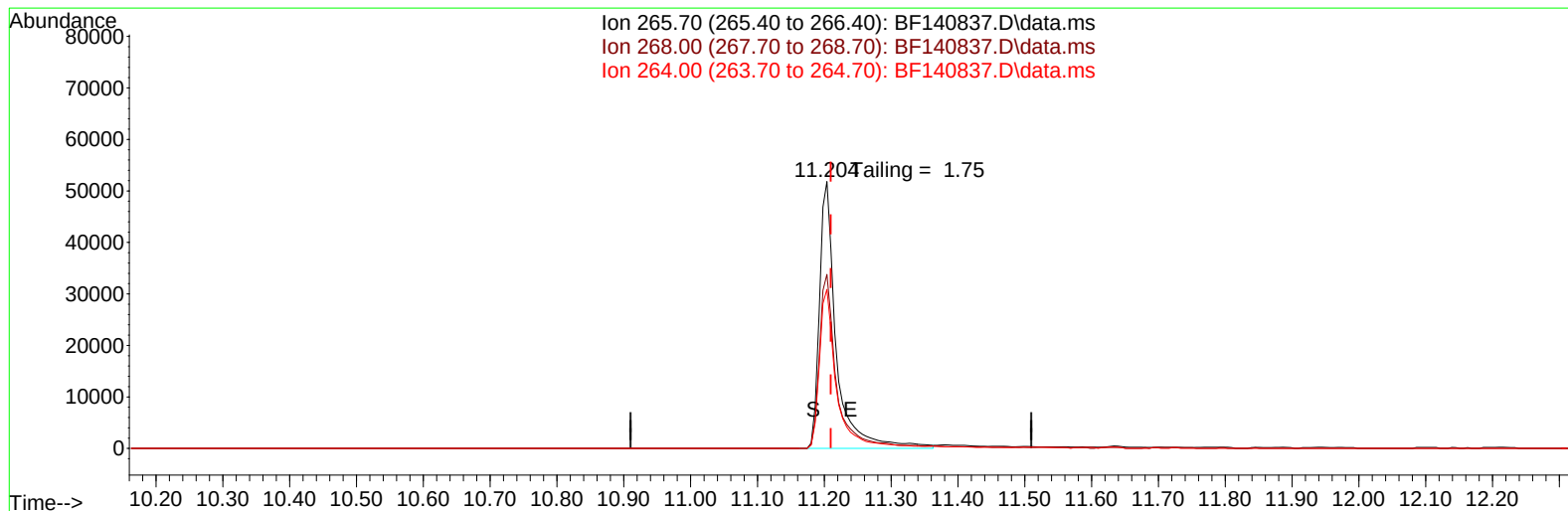
Date	Instrument Name	DFTPP Data File
12/13/2024	BNA_F	<u>BF140837.D</u>
Compound Name	Response	Retention Time
DDT	337813	13.551
DDD	12498	13.251
DDE	1383	12.916
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
13881	351694	3.95

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140837.D
Acq On : 13 Dec 2024 11:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 13 16:12:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



TIC: BF140837.D\data.ms

(70) Pentachlorophenol (C)

11.204min (-0.006) 3831.04 ng m

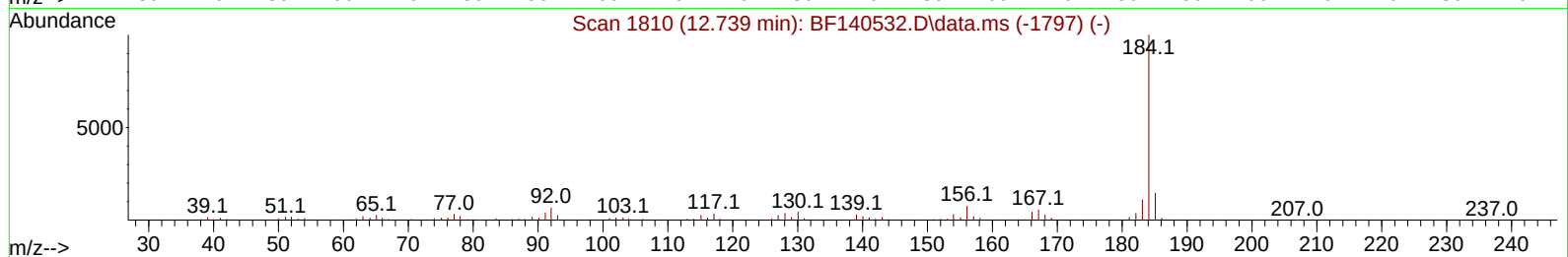
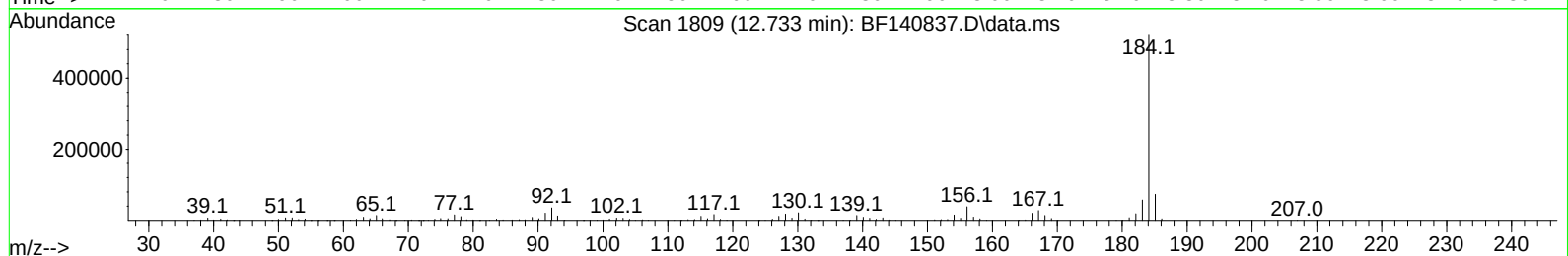
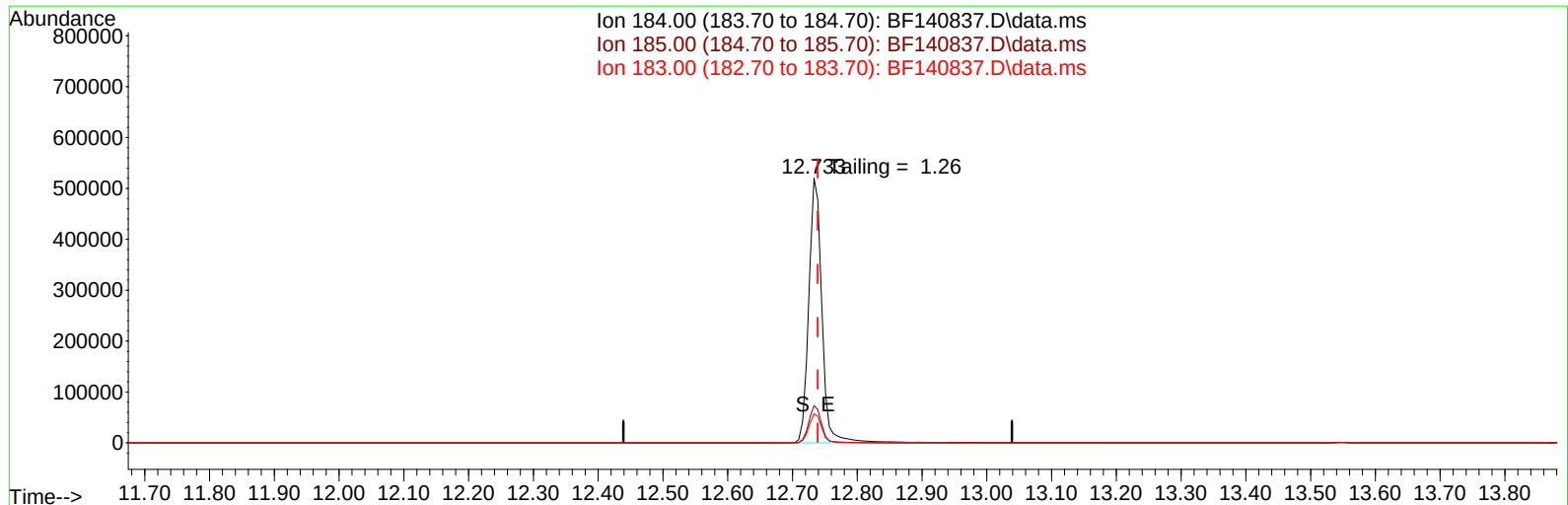
response 91786

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.10	65.26
264.00	62.30	59.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140837.D
Acq On : 13 Dec 2024 11:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 13 16:12:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



TIC: BF140837.D\data.ms

(77) Benzidine

12.733min (-0.006) 4659.58 ng

response 731021

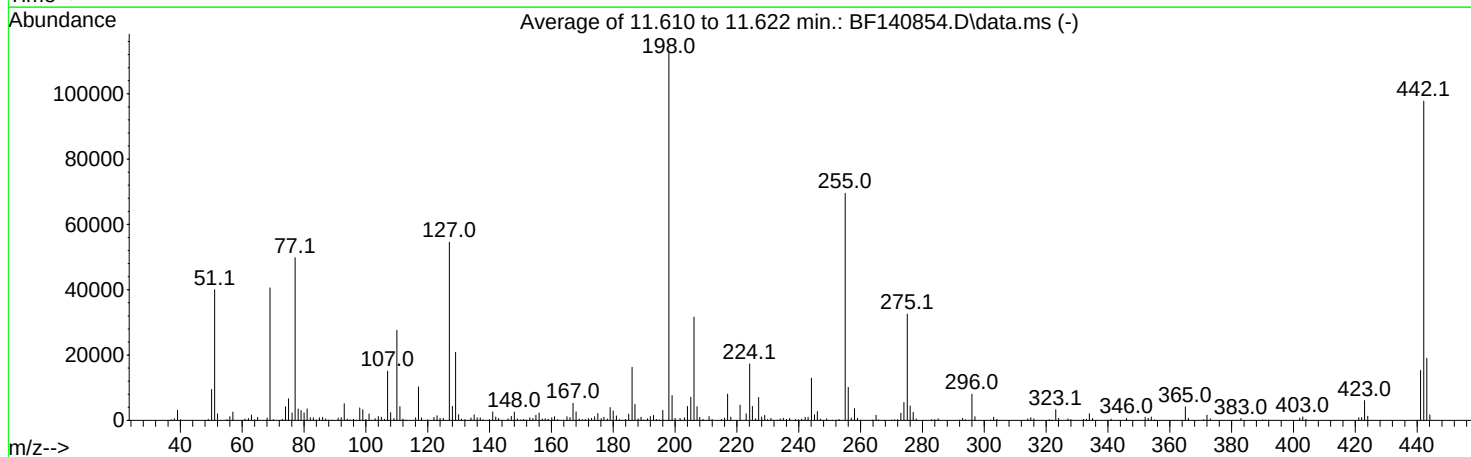
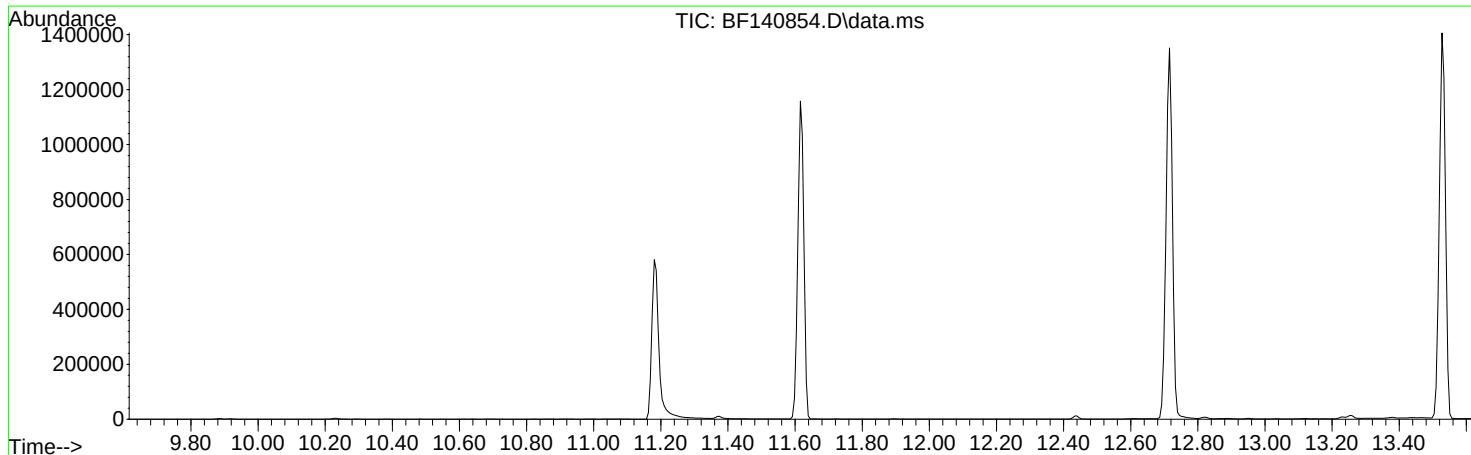
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.09
183.00	11.00	11.00
0.00	0.00	0.00

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	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	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

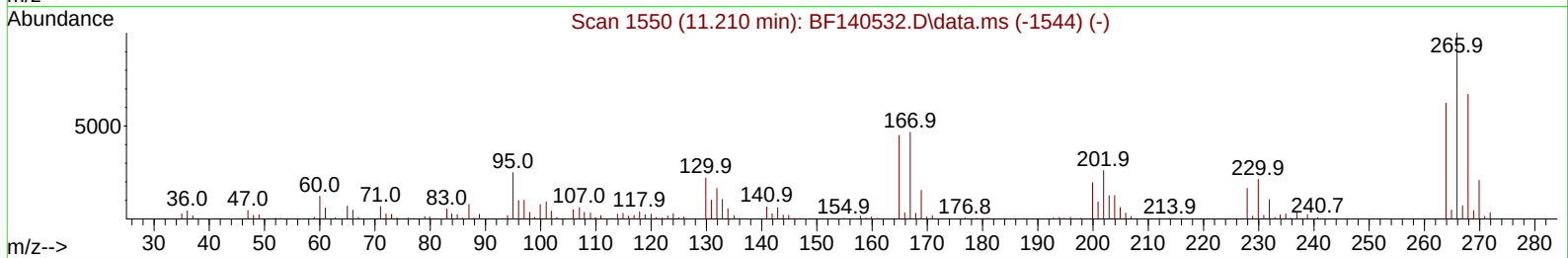
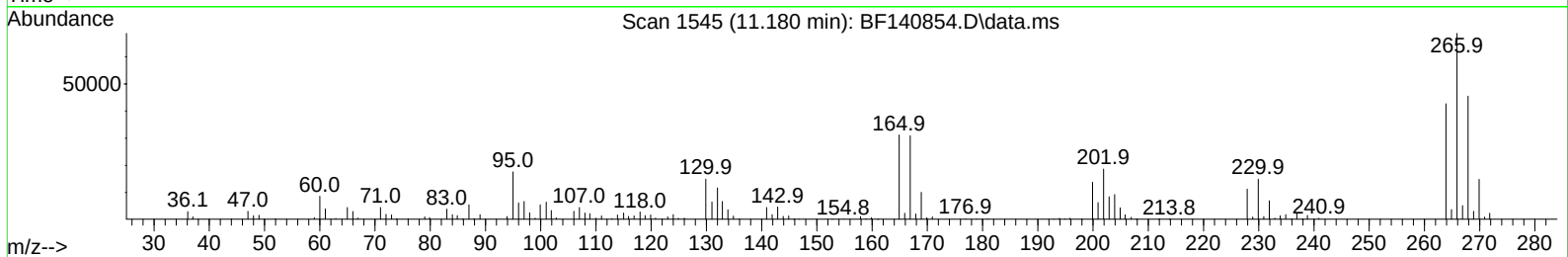
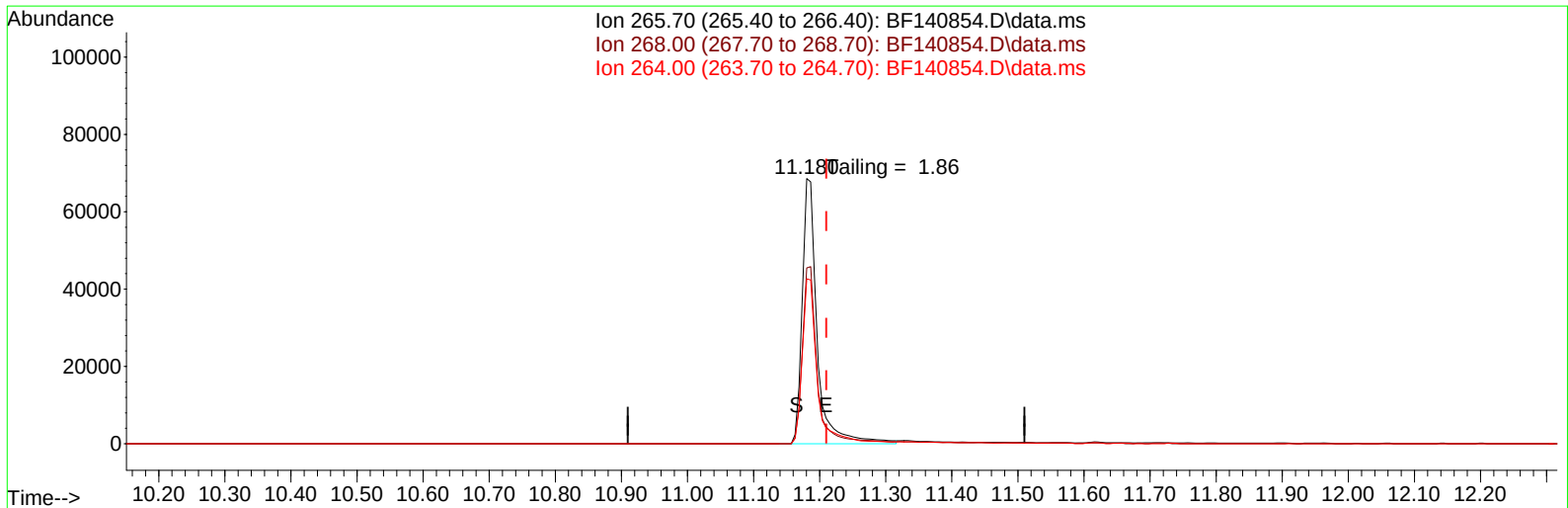
Date	Instrument Name	DFTPP Data File
12/16/2024	BNA_F	<u>BF140854.D</u>
Compound Name	Response	Retention Time
DDT	360303	13.527
DDD	6357	13.257
DDE	1383	12.892
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7740	368043	2.10

Instrument :
BNA_F
ClientSampleId :
DFTPP

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

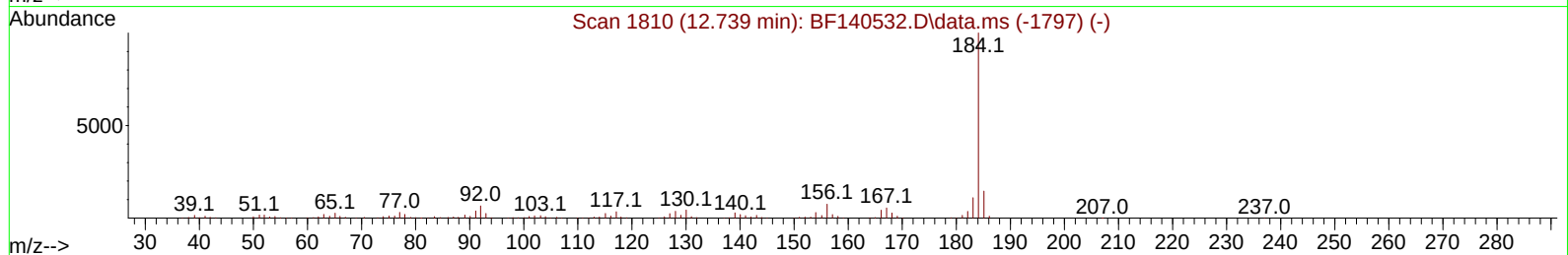
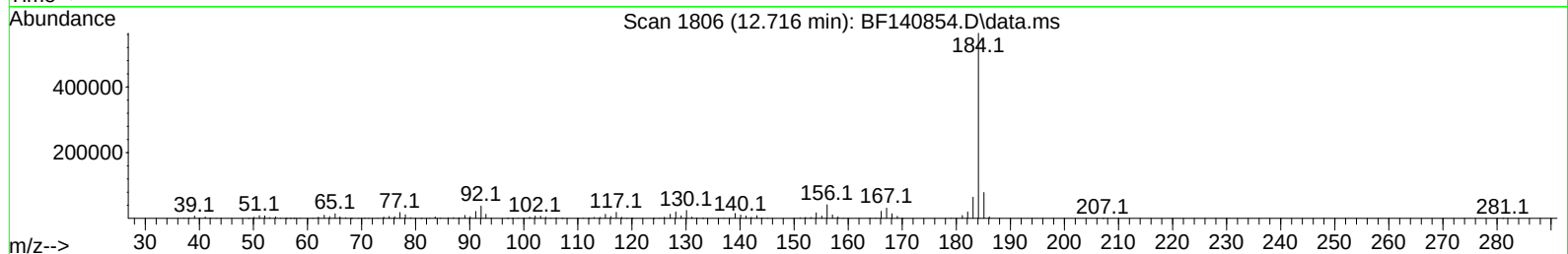
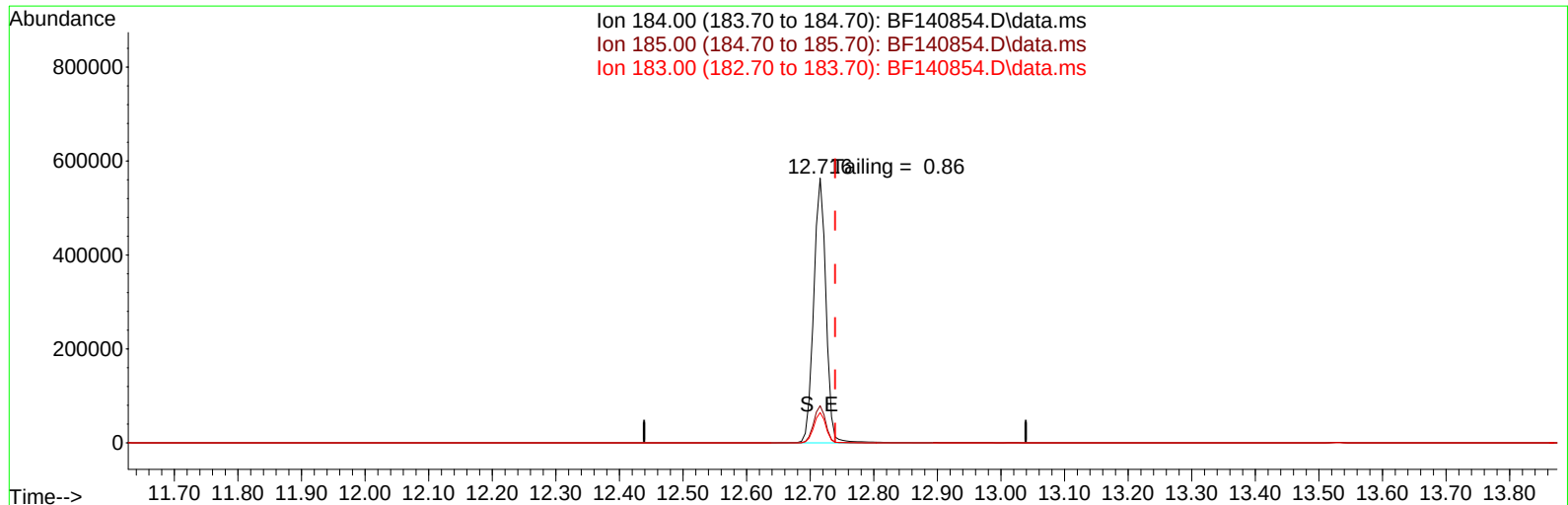
response 108541

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

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

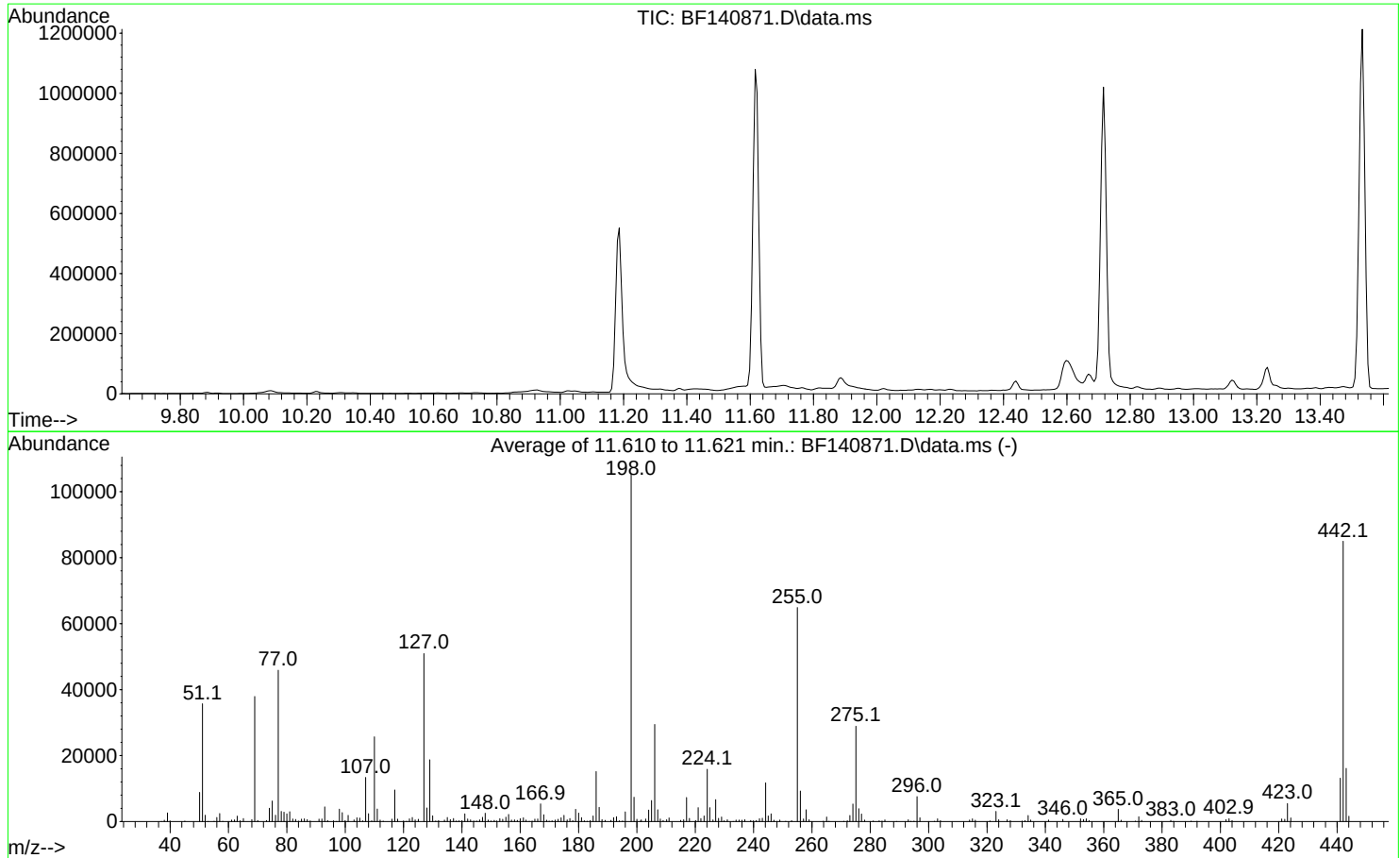
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.01
183.00	11.00	11.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140871.D
Acq On : 17 Dec 2024 08:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-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	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51	198	10	80	33.9	35723	PASS
68	69	0.00	2	1.6	613	PASS
69	198	0.00	100	36.0	37923	PASS
70	69	0.00	2	0.8	308	PASS
127	198	10	80	48.4	50941	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	105283	PASS
199	198	5	9	7.0	7376	PASS
275	198	10	60	27.5	28917	PASS
365	198	1	100	3.5	3701	PASS
441	198	0.01	100	12.5	13159	PASS
442	442	50	100	100.0	84981	PASS
443	442	15	24	19.0	16139	PASS

DDT Breakdown

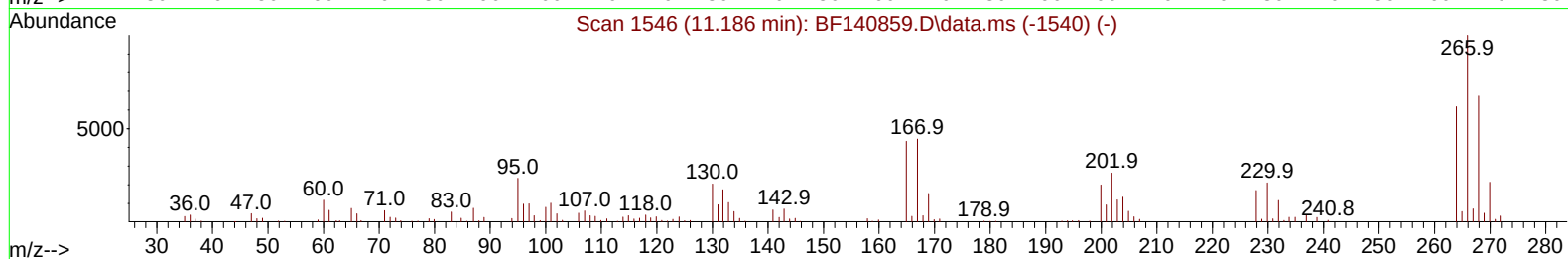
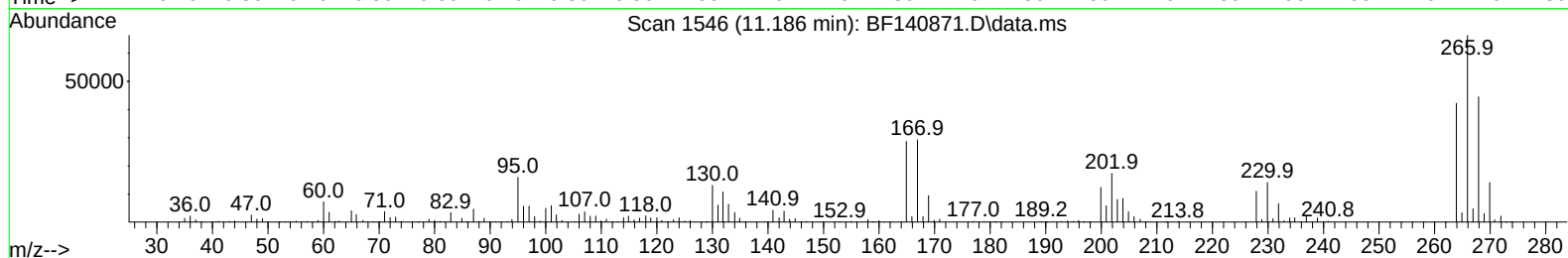
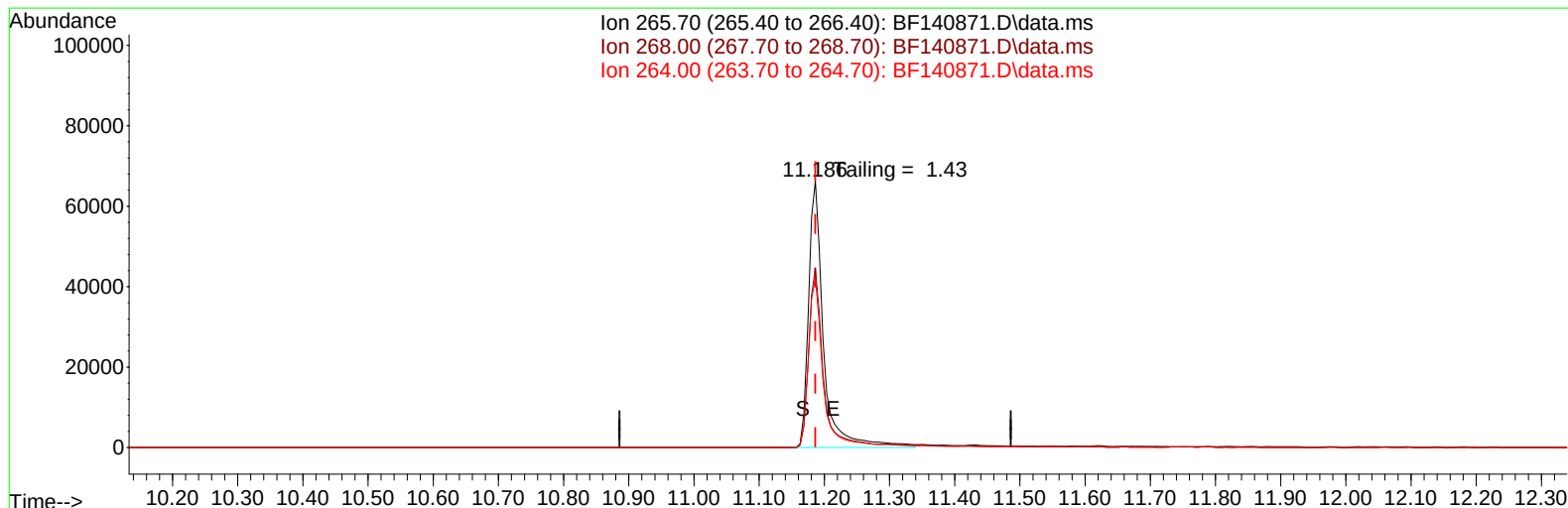
Date	Instrument Name	DFTPP Data File
12/17/2024	BNA_F	<u>BF140871.D</u>
Compound Name	Response	Retention Time
DDT	301277	13.533
DDD	21919	13.233
DDE	1352	12.892
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
23271	324548	7.17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140871.D
Acq On : 17 Dec 2024 08:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 17 10:34:06 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 16:59:50 2024
Response via : Initial Calibration



TIC: BF140871.D\data.ms

(70) Pentachlorophenol (C)

11.186min (+ 0.000) 4762.31 ng m

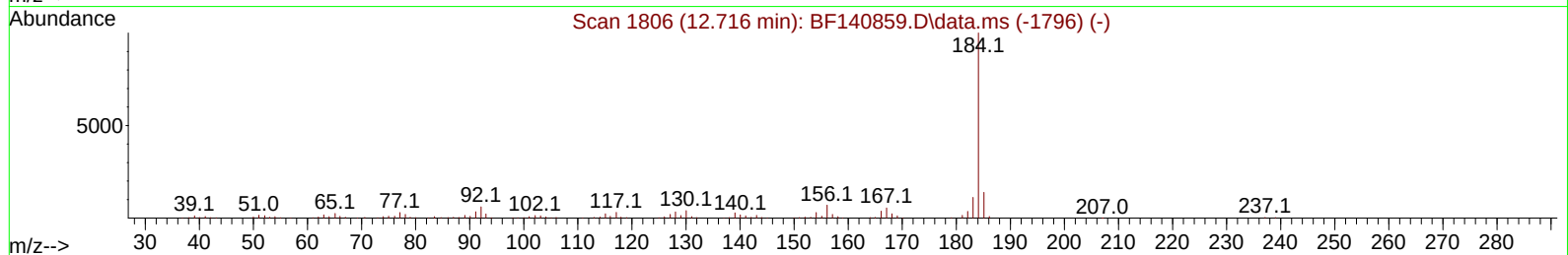
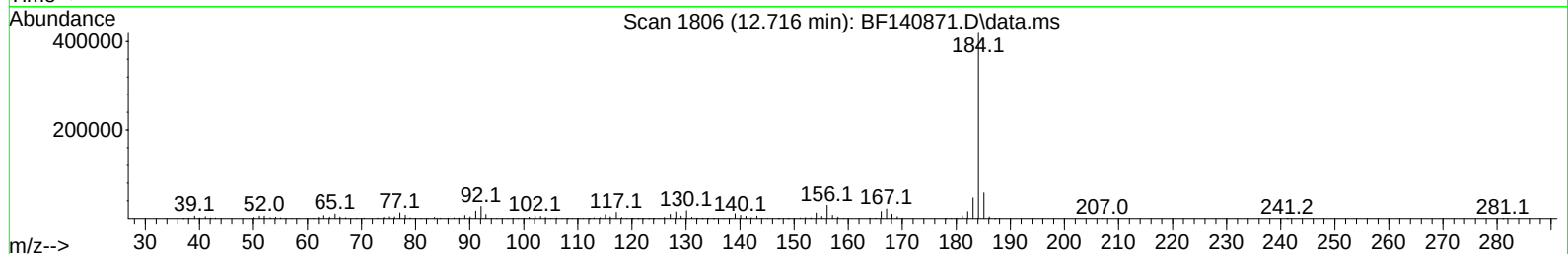
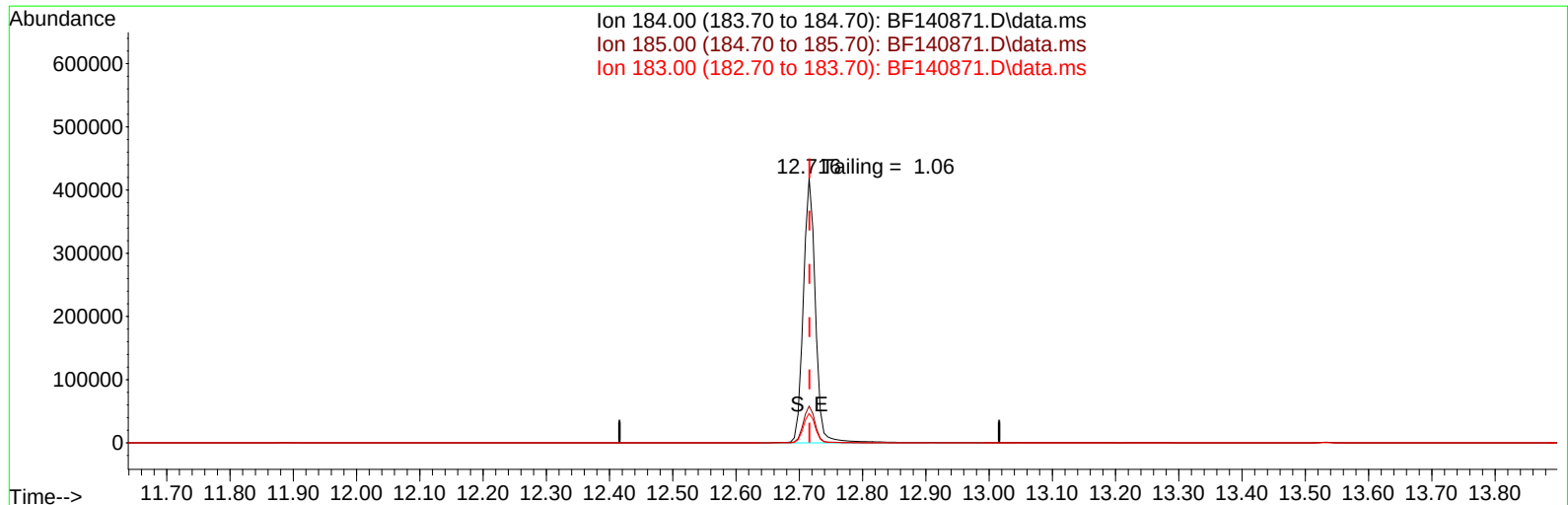
response **106624**

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.50	67.21
264.00	61.80	63.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140871.D
Acq On : 17 Dec 2024 08:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 17 10:34:06 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 16:59:50 2024
Response via : Initial Calibration



TIC: BF140871.D\data.ms

(77) Benzidine

12.716min (-0.000) 4637.75 ng

response 561870

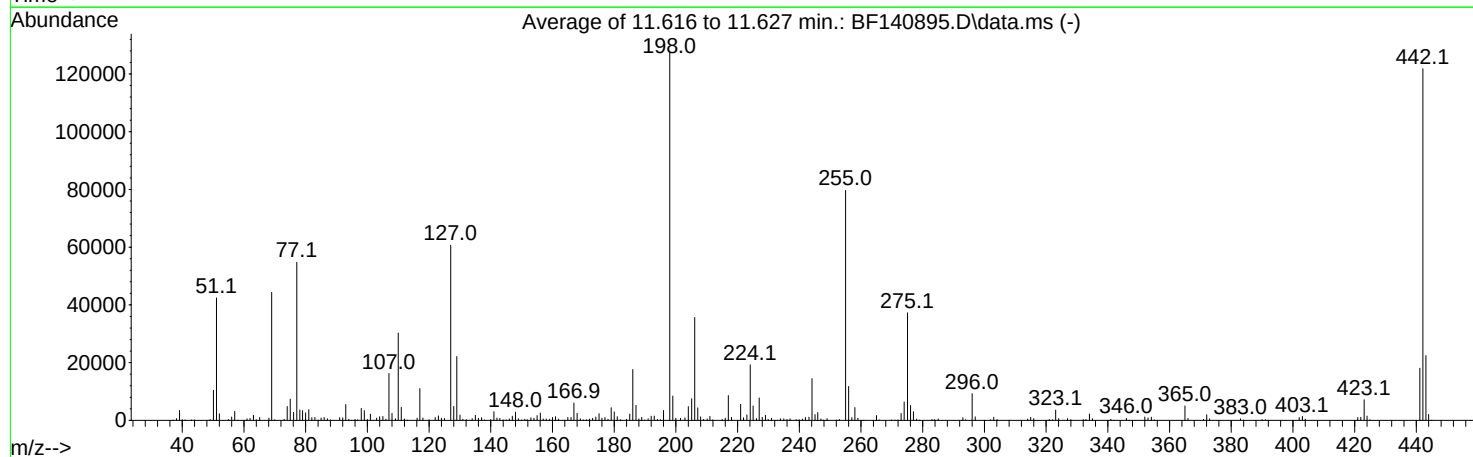
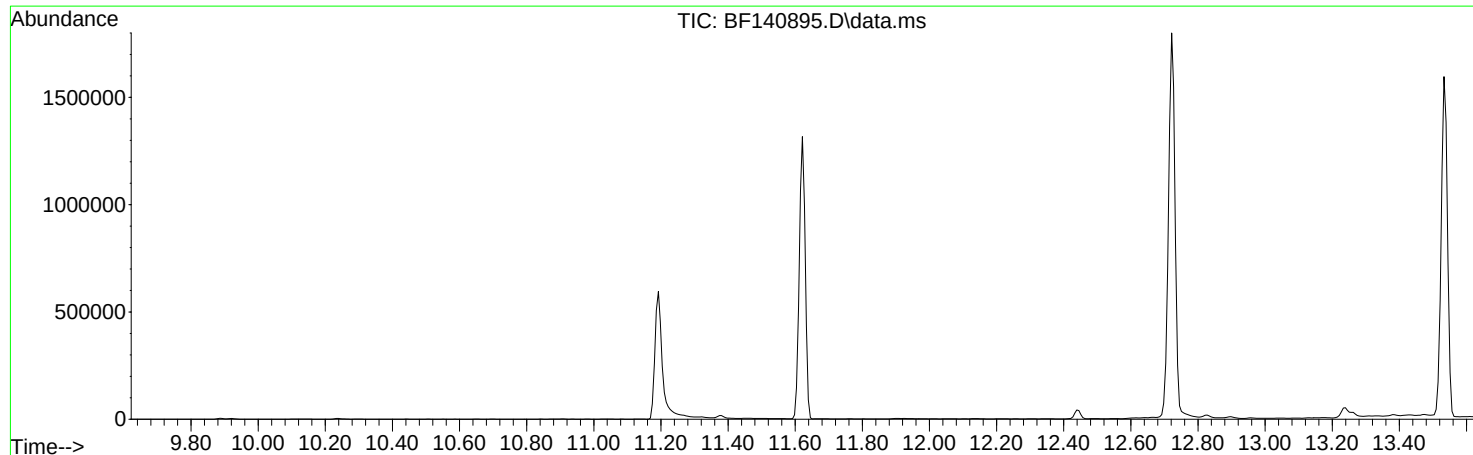
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.90	13.89
183.00	11.20	11.16
0.00	0.00	0.00

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

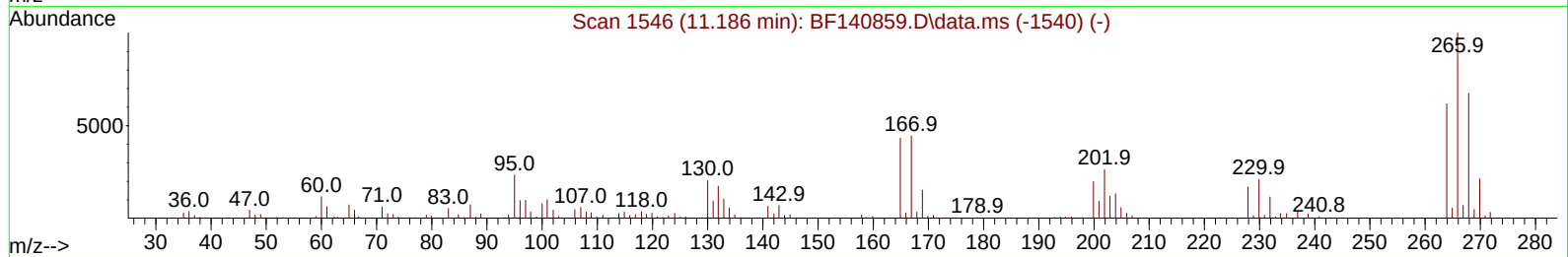
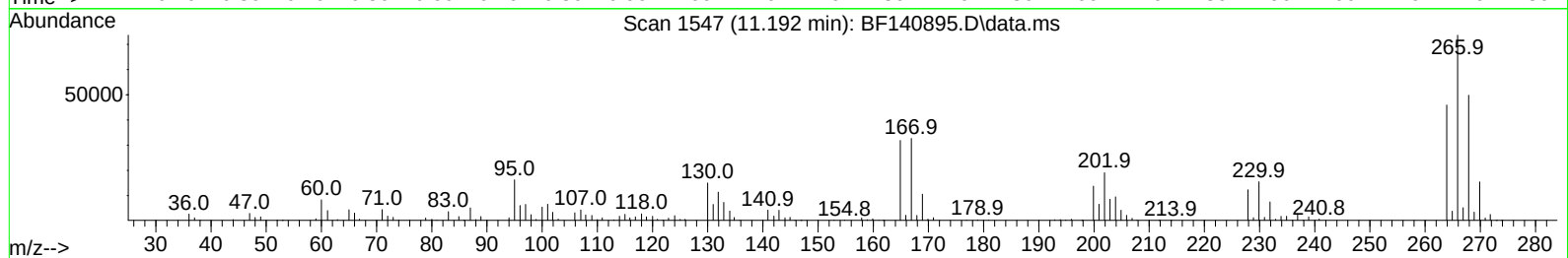
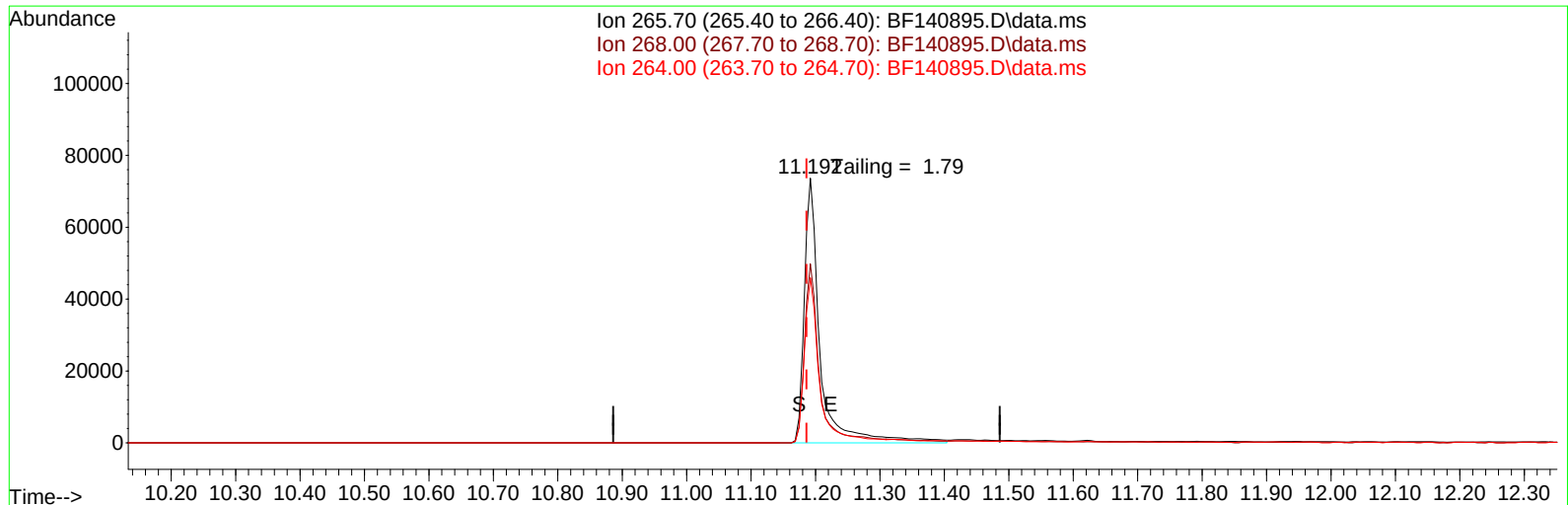
Date	Instrument Name	DFTPP Data File
12/18/2024	BNA_F	<u>BF140895.D</u>
Compound Name	Response	Retention Time
DDT	415662	13.533
DDD	22730	13.239
DDE	2369	12.898
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
25099	440761	5.69

Instrument :
BNA_F
ClientSampleId :
DFTPP

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

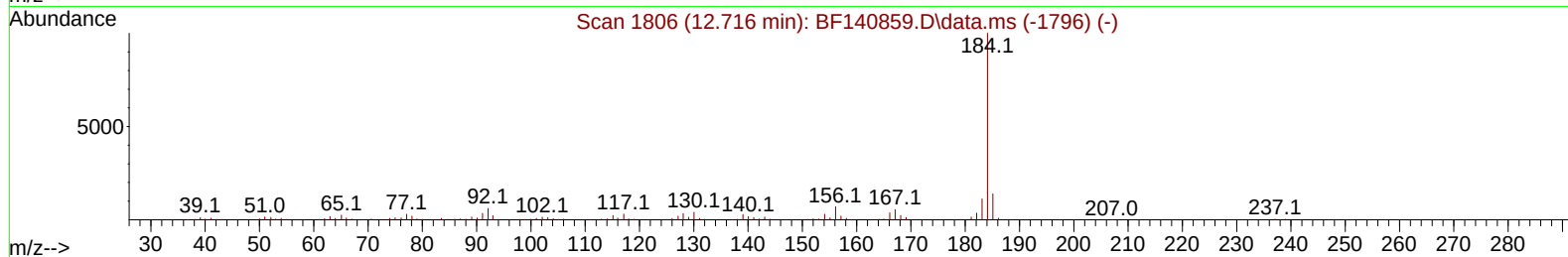
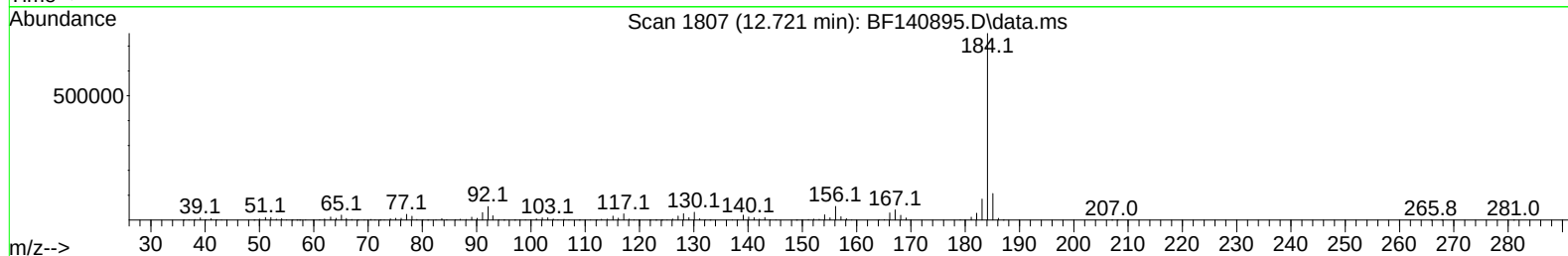
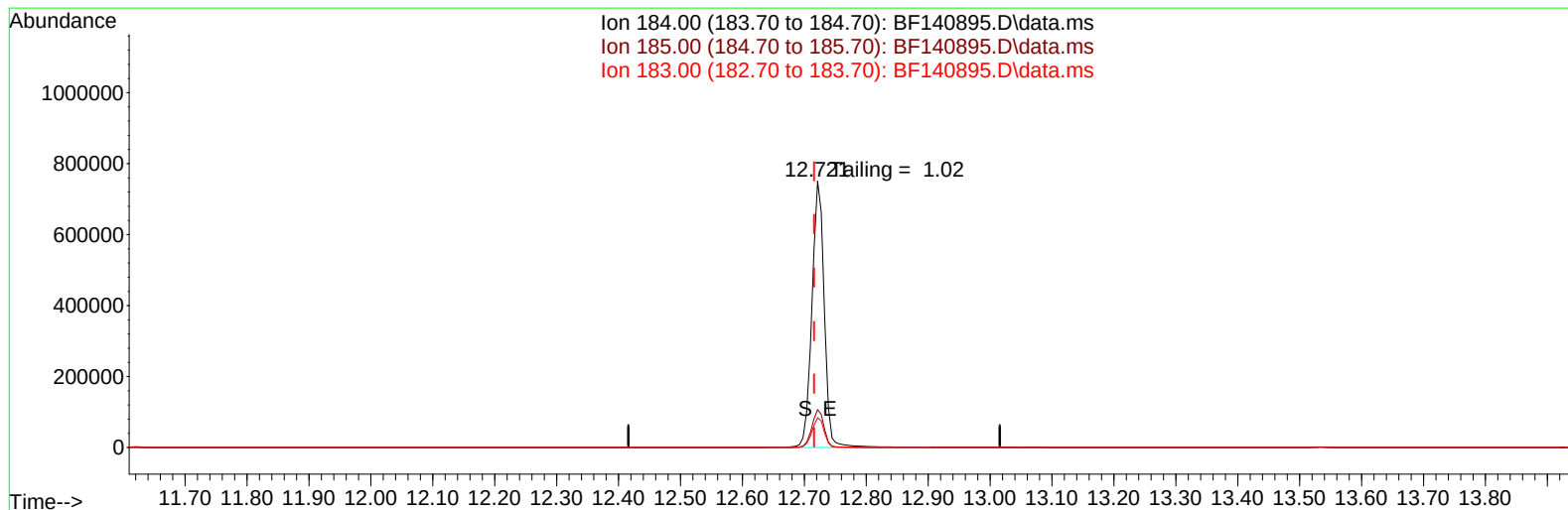
response 126345

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

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165623BL	SDG No.:	P5270
Lab Sample ID:	PB165623BL	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
BF140875.D	1	12/13/24 11:40	12/17/24 10:43	PB165623

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165623BL	SDG No.:	P5270
Lab Sample ID:	PB165623BL	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
BF140875.D	1	12/13/24 11:40	12/17/24 10:43	PB165623

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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165623BL	SDG No.:	P5270
Lab Sample ID:	PB165623BL	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
BF140875.D	1	12/13/24 11:40	12/17/24 10:43	PB165623

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	138		10 - 139	92%	SPK: 150
13127-88-3	Phenol-d6	132		10 - 134	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.5		49 - 133	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.9		52 - 132	94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		44 - 137	87%	SPK: 150
1718-51-0	Terphenyl-d14	91.8		48 - 125	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	71000		6.845		
1146-65-2	Naphthalene-d8	290000		8.128		
15067-26-2	Acenaphthene-d10	145000		9.88		
1517-22-2	Phenanthrene-d10	291000		11.368		
1719-03-5	Chrysene-d12	197000		14.021		
1520-96-3	Perylene-d12	182000		15.504		
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	6.80	J		2.17	ug/L
	unknown14.727	5.00	J		14.7	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.		Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue		Date Received:	
Client Sample ID:	PB165623BL		SDG No.:	P5270
Lab Sample ID:	PB165623BL		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
BF140875.D	1	12/13/24 11:40	12/17/24 10:43	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140875.D
Acq On : 17 Dec 2024 10:43
Operator : RC/JU
Sample : PB165623BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165623BL

Quant Time: Dec 17 11:16:49 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	71046	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	290274	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	145205	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	290900	20.000	ng	0.00
76) Chrysene-d12	14.021	240	197228	20.000	ng	-0.01
86) Perylene-d12	15.504	264	182284	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	593615	137.545	ng	0.00
7) Phenol-d6	6.492	99	755612	132.185	ng	0.00
23) Nitrobenzene-d5	7.410	82	513636	88.529	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	224186	130.541	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	991479	93.877	ng	0.00
79) Terphenyl-d14	12.957	244	1148291	91.808	ng	0.00

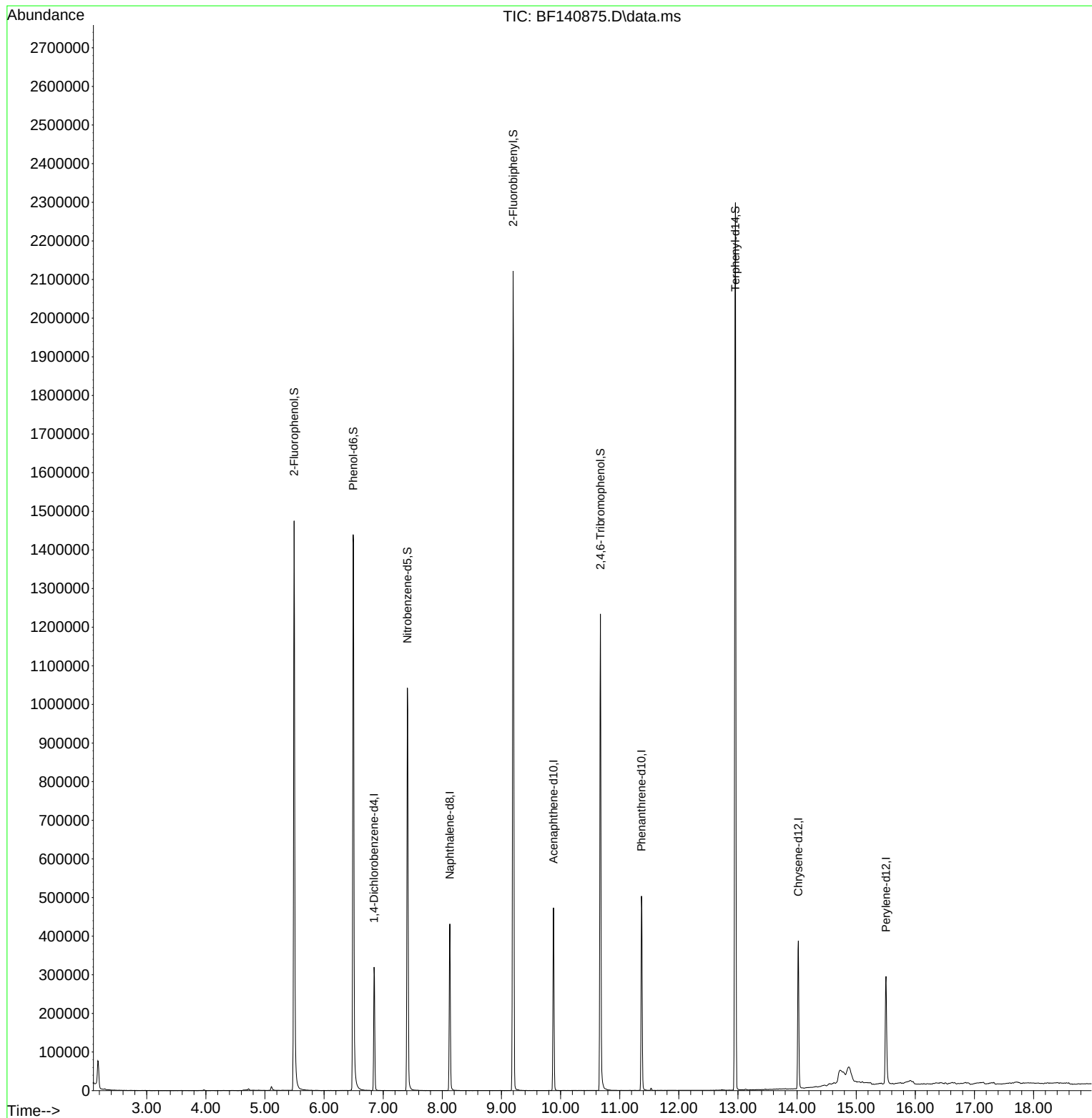
Target Compounds	Qvalue

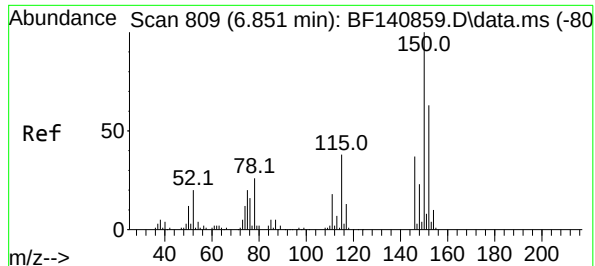
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140875.D
Acq On : 17 Dec 2024 10:43
Operator : RC/JU
Sample : PB165623BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165623BL

Quant Time: Dec 17 11:16:49 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

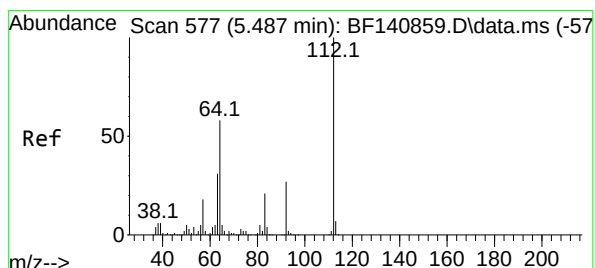
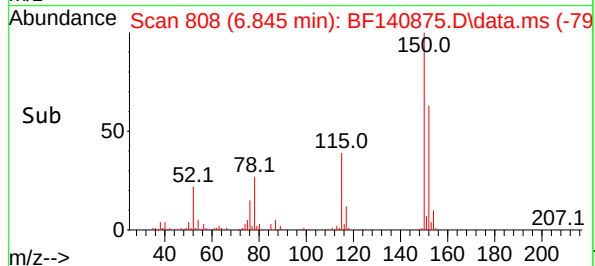
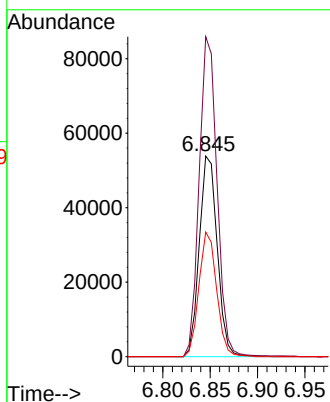
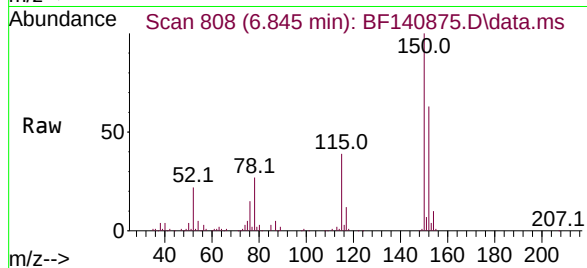




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

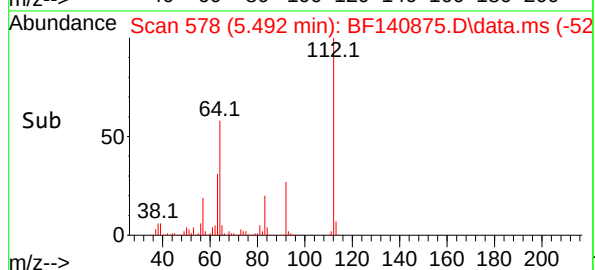
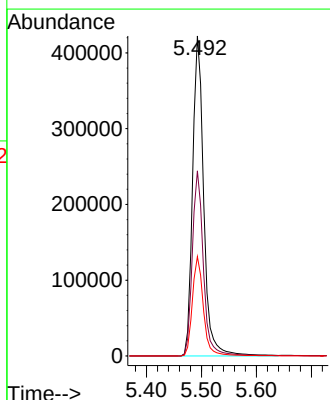
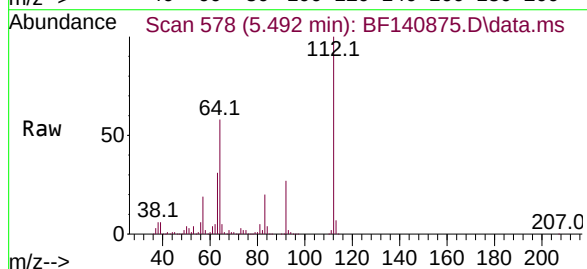
Instrument :
BNA_F
ClientSampleId :
PB165623BL

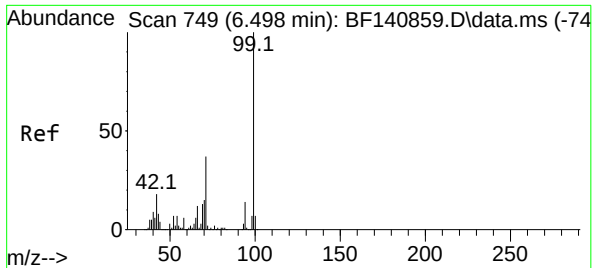
Tgt Ion:152 Resp: 71046
Ion Ratio Lower Upper
152 100
150 159.5 127.9 191.9
115 62.1 48.0 72.0



#5
2-Fluorophenol
Concen: 137.545 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

Tgt Ion:112 Resp: 593615
Ion Ratio Lower Upper
112 100
64 57.8 46.1 69.1
63 31.0 24.9 37.3

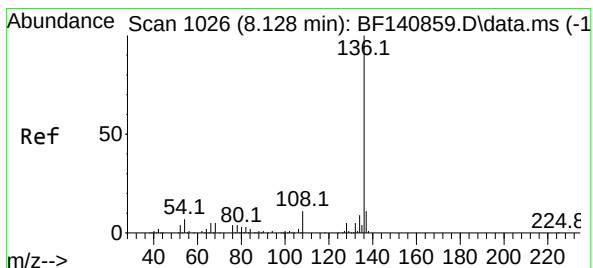
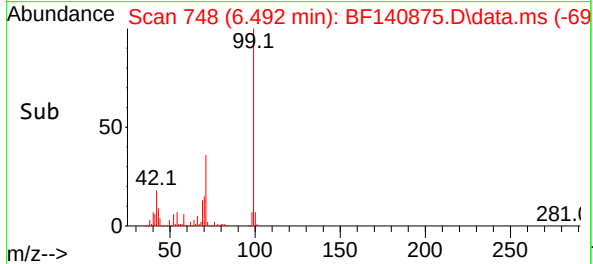
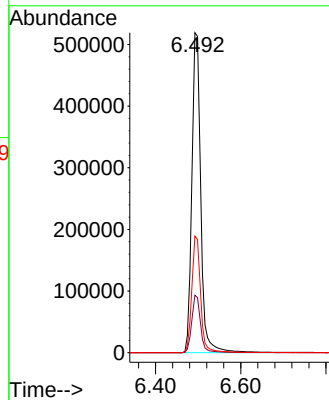
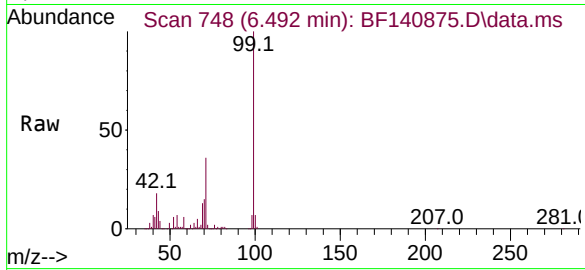




#7
Phenol-d6
Concen: 132.185 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

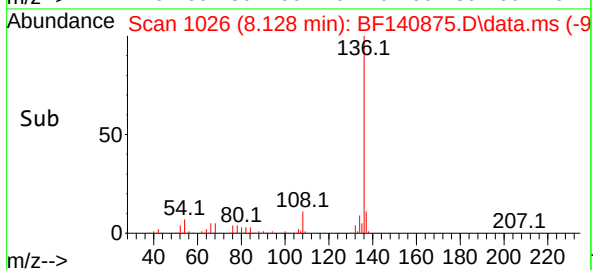
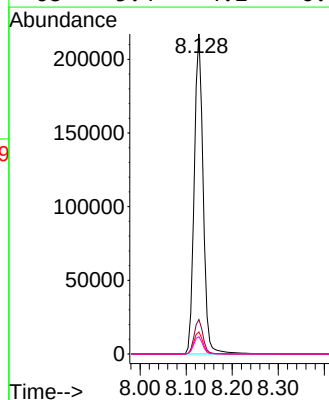
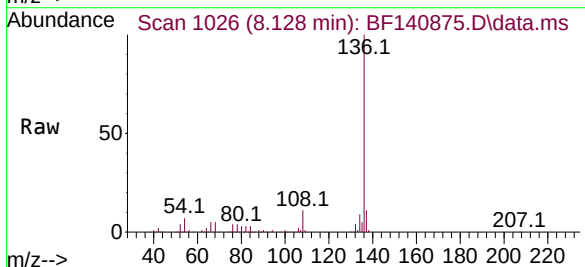
Instrument :
BNA_F
ClientSampleId :
PB165623BL

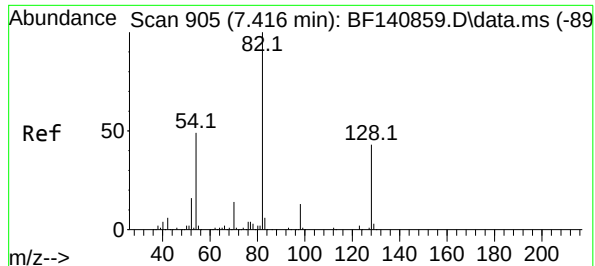
Tgt Ion: 99 Resp: 755612
Ion Ratio Lower Upper
99 100
42 17.9 14.3 21.5
71 36.4 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

Tgt Ion:136 Resp: 290274
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: 88.529 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF140875.D

Acq: 17 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165623BL

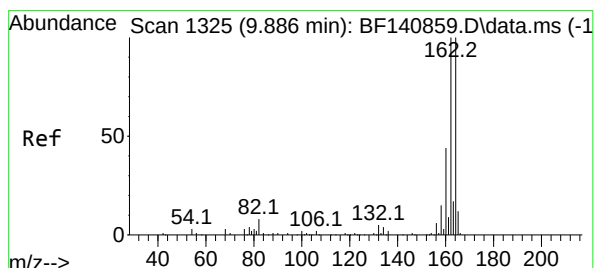
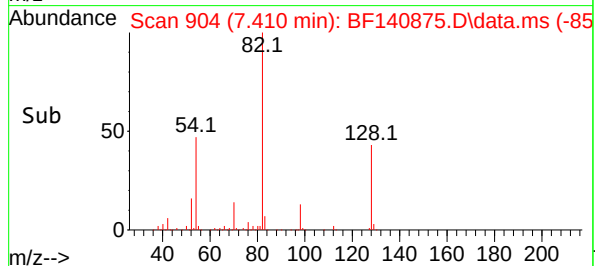
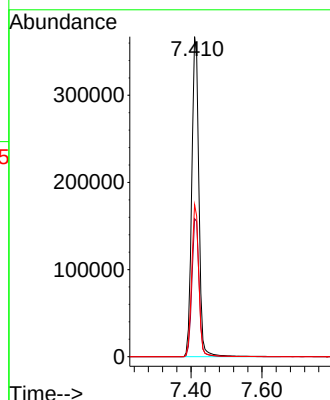
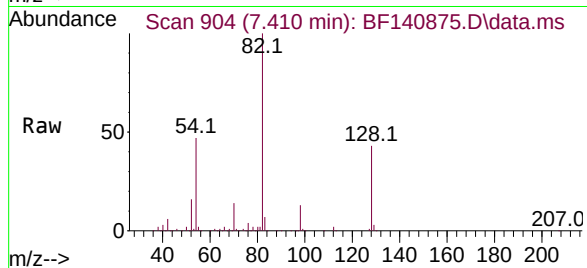
Tgt Ion: 82 Resp: 513636

Ion Ratio Lower Upper

82 100

128 43.1 34.4 51.6

54 47.5 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: BF140875.D

Acq: 17 Dec 2024 10:43

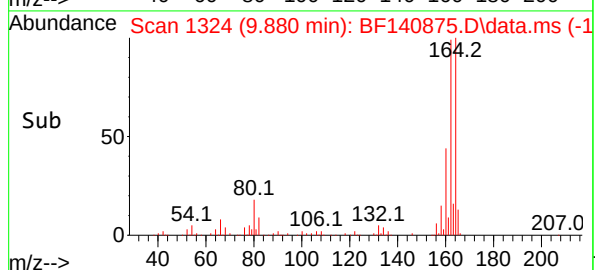
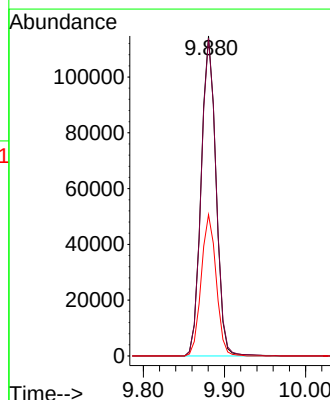
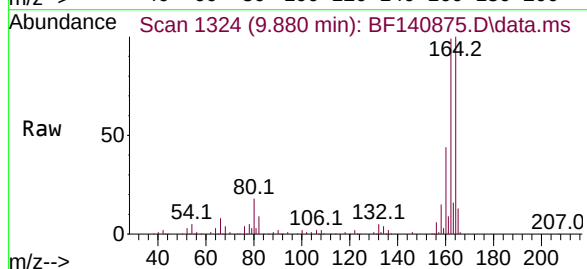
Tgt Ion: 164 Resp: 145205

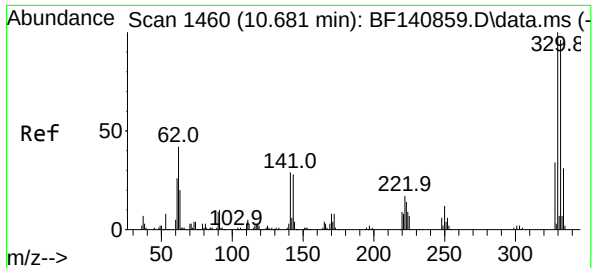
Ion Ratio Lower Upper

164 100

162 99.3 79.9 119.9

160 44.2 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 130.541 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF140875.D

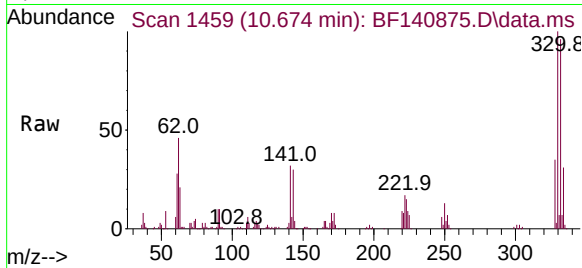
Acq: 17 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165623BL



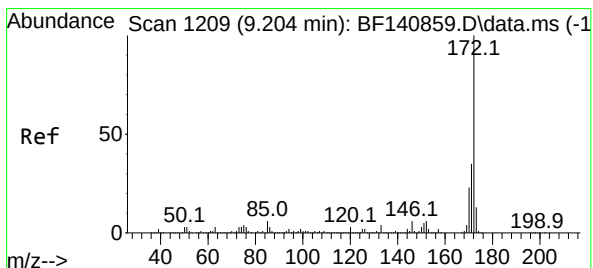
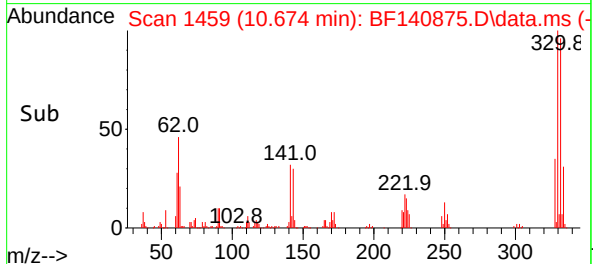
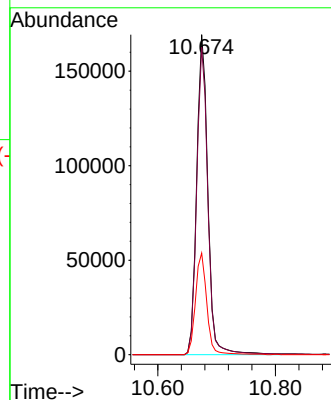
Tgt Ion:330 Resp: 224186

Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.4

141 32.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 93.877 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140875.D

Acq: 17 Dec 2024 10:43

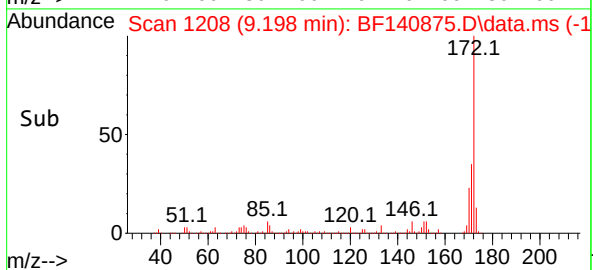
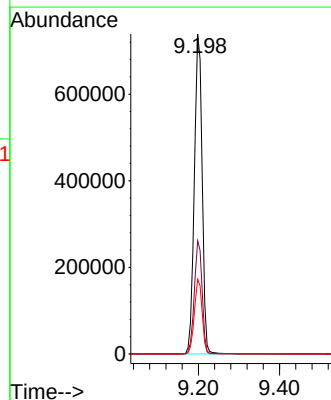
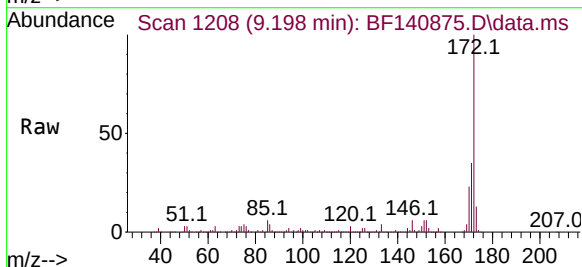
Tgt Ion:172 Resp: 991479

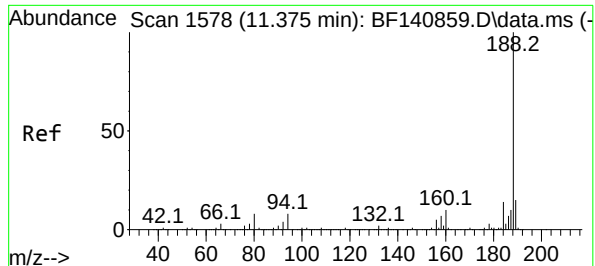
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.368 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140875.D

Acq: 17 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165623BL

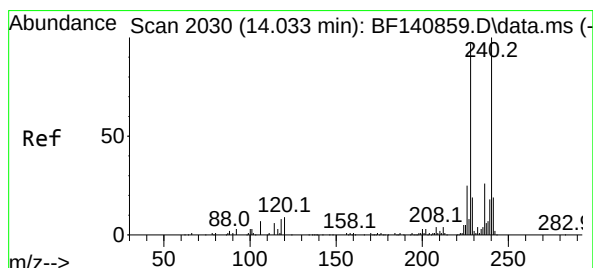
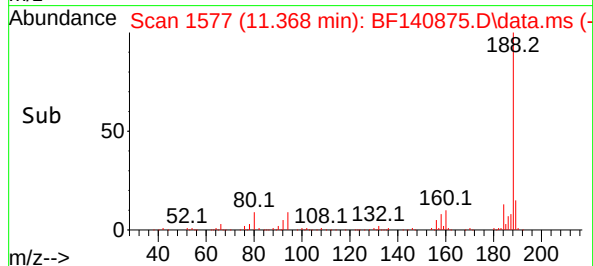
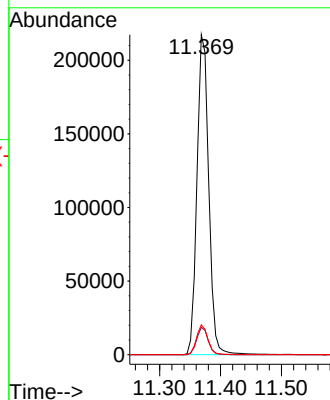
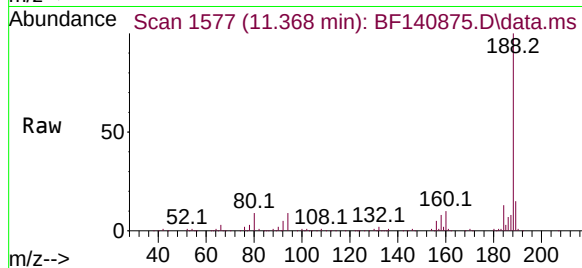
Tgt Ion:188 Resp: 290900

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.3 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: BF140875.D

Acq: 17 Dec 2024 10:43

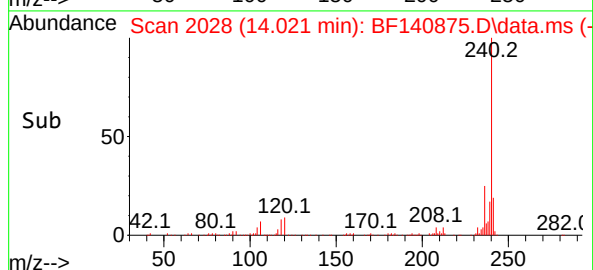
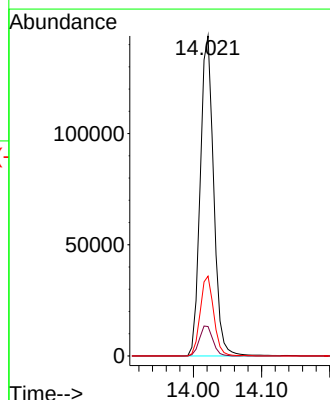
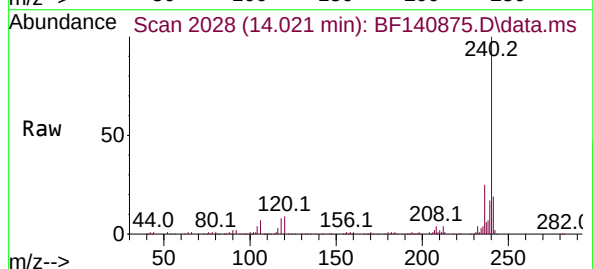
Tgt Ion:240 Resp: 197228

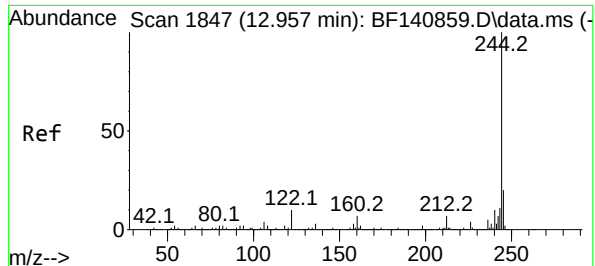
Ion Ratio Lower Upper

240 100

120 9.2 7.6 11.4

236 24.9 20.5 30.7





#79

Terphenyl-d14

Concen: 91.808 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140875.D

Acq: 17 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165623BL

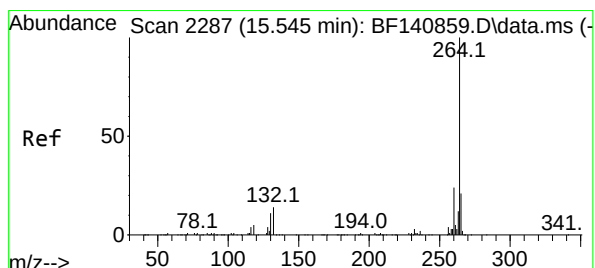
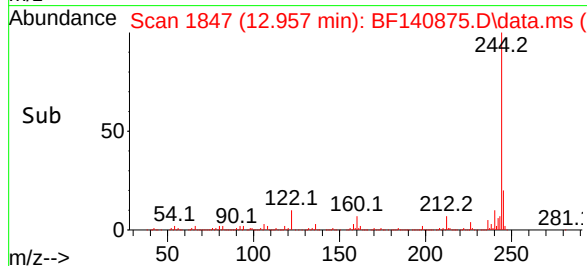
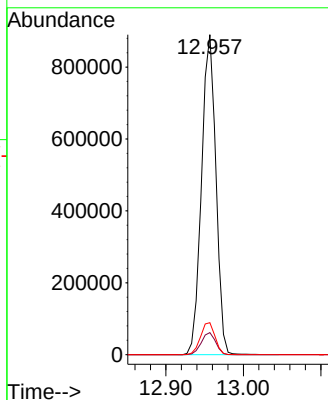
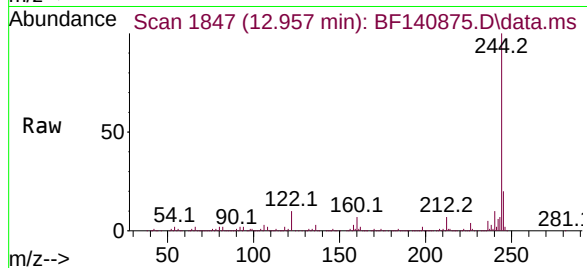
Tgt Ion:244 Resp: 1148291

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.0 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.041 min

Lab File: BF140875.D

Acq: 17 Dec 2024 10:43

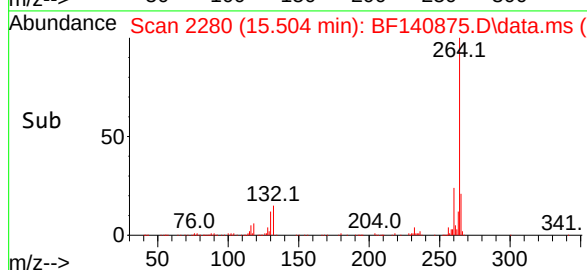
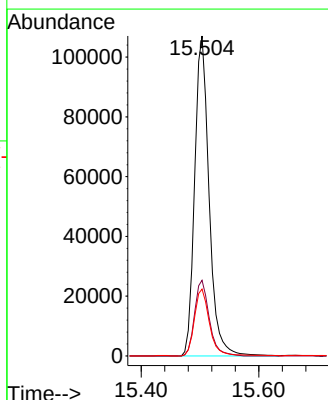
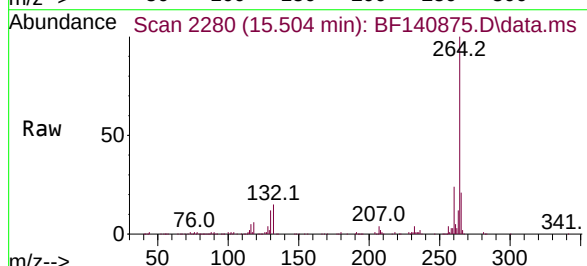
Tgt Ion:264 Resp: 182284

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 20.9 17.0 25.4



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165623BS	SDG No.:	P5270
Lab Sample ID:	PB165623BS	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
BF140876.D	1	12/13/24 11:40	12/17/24 11:09	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	21.6		4.00	10.0	ug/L
108-95-2	Phenol	53.2		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	53.8		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	47.9		0.71	5.00	ug/L
95-48-7	2-Methylphenol	51.5		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	55.3		1.40	5.00	ug/L
98-86-2	Acetophenone	48.7		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	53.0		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	53.2		1.50	2.50	ug/L
67-72-1	Hexachloroethane	50.4		1.00	5.00	ug/L
98-95-3	Nitrobenzene	47.2		1.30	5.00	ug/L
78-59-1	Isophorone	52.7		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	52.8		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	64.3		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.8		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	47.4		0.88	5.00	ug/L
91-20-3	Naphthalene	46.1		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	27.3		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.1		1.30	5.00	ug/L
105-60-2	Caprolactam	52.1		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	48.6		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	47.2		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	74.5		5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	49.4		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	43.2		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	46.9		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	45.0		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	49.4		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	49.7		0.93	5.00	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165623BS	SDG No.:	P5270
Lab Sample ID:	PB165623BS	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
BF140876.D	1	12/13/24 11:40	12/17/24 11:09	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	51.7		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	47.1		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	33.4		1.40	5.00	ug/L
83-32-9	Acenaphthene	48.5		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	77.6		6.40	10.0	ug/L
100-02-7	4-Nitrophenol	87.8	E	2.00	10.0	ug/L
132-64-9	Dibenzofuran	46.6		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	47.1		1.50	5.00	ug/L
84-66-2	Diethylphthalate	48.5		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.1		0.98	5.00	ug/L
86-73-7	Fluorene	46.5		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	46.5		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51.6		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	54.2		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	51.9		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	51.4		1.10	5.00	ug/L
1912-24-9	Atrazine	61.2		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	92.0	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	49.4		0.89	5.00	ug/L
120-12-7	Anthracene	51.8		1.10	5.00	ug/L
86-74-8	Carbazole	48.4		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	53.2		1.50	5.00	ug/L
206-44-0	Fluoranthene	46.3		1.30	5.00	ug/L
129-00-0	Pyrene	48.2		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	56.1		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	34.7		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	50.8		0.94	5.00	ug/L
218-01-9	Chrysene	50.6		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.5		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	59.5		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	53.0		1.10	5.00	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165623BS	SDG No.:	P5270
Lab Sample ID:	PB165623BS	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
BF140876.D	1	12/13/24 11:40	12/17/24 11:09	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	49.3		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	52.8		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.9		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.7		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	47.7		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	51.0		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	34.8		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.4		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	161		10 - 139	108%	SPK: 150
13127-88-3	Phenol-d6	152		10 - 134	101%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.2		49 - 133	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.1		52 - 132	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		44 - 137	92%	SPK: 150
1718-51-0	Terphenyl-d14	98.8		48 - 125	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	67700	6.845			
1146-65-2	Naphthalene-d8	275000	8.128			
15067-26-2	Acenaphthene-d10	150000	9.886			
1517-22-2	Phenanthrene-d10	265000	11.375			
1719-03-5	Chrysene-d12	180000	14.027			
1520-96-3	Perylene-d12	176000	15.515			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140876.D
 Acq On : 17 Dec 2024 11:09
 Operator : RC/JU
 Sample : PB165623BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 12:20:35 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	67717	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	275341	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	149585	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	265357	20.000	ng	0.00
76) Chrysene-d12	14.027	240	180221	20.000	ng	0.00
86) Perylene-d12	15.515	264	176281	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	663853	161.381	ng	0.00
7) Phenol-d6	6.498	99	828322	152.029	ng	0.00
23) Nitrobenzene-d5	7.416	82	529226	96.163	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	243982	137.908	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	969862	89.141	ng	0.00
79) Terphenyl-d14	12.957	244	1129021	98.785	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	61664	34.802	ng	99
3) Pyridine	3.475	79	161194	39.283	ng	99
4) n-Nitrosodimethylamine	3.416	42	91663	44.312	ng	98
6) Aniline	6.516	93	232576	49.925	ng	93
8) 2-Chlorophenol	6.645	128	214856	47.896	ng	99
9) Benzaldehyde	6.410	77	65316	21.635	ng	97
10) Phenol	6.516	94	300382	53.194	ng	96
11) bis(2-Chloroethyl)ether	6.587	93	226571	53.801	ng	99
12) 1,3-Dichlorobenzene	6.787	146	237840	46.530	ng	99
13) 1,4-Dichlorobenzene	6.863	146	244303	47.085	ng	99
14) 1,2-Dichlorobenzene	7.016	146	242708	49.578	ng	99
15) Benzyl Alcohol	6.998	79	213975	54.926	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	274560	55.344	ng	90
17) 2-Methylphenol	7.116	107	184502	51.516	ng	98
18) Hexachloroethane	7.351	117	97334	50.391	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	173987	53.236	ng	99
20) 3+4-Methylphenols	7.269	107	251496	52.957	ng	96
22) Acetophenone	7.263	105	335368	48.690	ng	99
24) Nitrobenzene	7.434	77	266173	47.210	ng	98
25) Isophorone	7.669	82	485726	52.675	ng	99
26) 2-Nitrophenol	7.751	139	137086	52.793	ng	97
27) 2,4-Dimethylphenol	7.787	122	195115	64.341	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	263696	45.786	ng	98
29) 2,4-Dichlorophenol	7.998	162	198401	47.388	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	214292	44.649	ng	99
31) Naphthalene	8.151	128	697595	46.123	ng	100
32) Benzoic acid	7.939	122	113833	39.579	ng	99
33) 4-Chloroaniline	8.204	127	137010	27.275	ng	99
34) Hexachlorobutadiene	8.263	225	142248	44.052	ng	100
35) Caprolactam	8.581	113	64940m	52.101	ng	
36) 4-Chloro-3-methylphenol	8.698	107	229067	48.611	ng	98
37) 2-Methylnaphthalene	8.839	142	472718	47.248	ng	99
38) 1-Methylnaphthalene	8.939	142	426288	43.082	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	234659	51.038	ng	99
41) Hexachlorocyclopentadiene	8.986	237	117174	74.460	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	139213	49.449	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140876.D
 Acq On : 17 Dec 2024 11:09
 Operator : RC/JU
 Sample : PB165623BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165623BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 12:20:35 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	133534	43.154	ng	99
46) 1,1'-Biphenyl	9.304	154	557673	46.884	ng	100
47) 2-Chloronaphthalene	9.333	162	409267	44.976	ng	99
48) 2-Nitroaniline	9.433	65	135746	49.394	ng	99
49) Acenaphthylene	9.745	152	690760	51.655	ng	100
50) Dimethylphthalate	9.604	163	524662	49.749	ng	100
51) 2,6-Dinitrotoluene	9.675	165	113547	47.097	ng	99
52) Acenaphthene	9.916	154	414491	48.523	ng	100
53) 3-Nitroaniline	9.851	138	79843	33.371	ng	100
54) 2,4-Dinitrophenol	9.969	184	91056	77.618	ng	98
55) Dibenzofuran	10.092	168	617331	46.638	ng	100
56) 4-Nitrophenol	10.033	139	113631	87.832	ng	92
57) 2,4-Dinitrotoluene	10.086	165	149534	47.140	ng	99
58) Fluorene	10.433	166	508250	46.543	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	127160	50.431	ng	99
60) Diethylphthalate	10.304	149	530308	48.492	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	252935	46.111	ng	99
62) 4-Nitroaniline	10.469	138	116195	46.474	ng	98
63) Azobenzene	10.580	77	489614	47.623	ng	100
65) 4,6-Dinitro-2-methylph...	10.498	198	77656	51.645	ng	95
66) n-Nitrosodiphenylamine	10.545	169	442044	54.182	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	154067	51.899	ng	99
68) Hexachlorobenzene	10.986	284	173007	51.402	ng	99
69) Atrazine	11.075	200	139403	61.180	ng	99
70) Pentachlorophenol	11.186	266	113205	91.995	ng	99
71) Phenanthrene	11.398	178	674680	49.442	ng	99
72) Anthracene	11.451	178	695759	51.774	ng	99
73) Carbazole	11.610	167	636670	48.369	ng	99
74) Di-n-butylphthalate	11.927	149	822141	53.220	ng	100
75) Fluoranthene	12.592	202	727283	46.279	ng	99
77) Benzidine	12.716	184	235960	64.150	ng	99
78) Pyrene	12.822	202	773155	48.243	ng	99
80) Butylbenzylphthalate	13.427	149	330850	56.106	ng	100
81) Benzo(a)anthracene	14.016	228	648975	50.809	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	133796	34.719	ng	99
83) Chrysene	14.051	228	587305	50.565	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	422311	55.541	ng	100
85) Di-n-octyl phthalate	14.610	149	684204	59.478	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	581794	52.887	ng	100
88) Benzo(b)fluoranthene	15.080	252	647956	52.953	ng	100
89) Benzo(k)fluoranthene	15.110	252	517848	49.335	ng	99
90) Benzo(a)pyrene	15.451	252	505583	52.766	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	479834	52.651	ng	99
92) Benzo(g,h,i)perylene	17.474	276	442370	47.693	ng	99

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

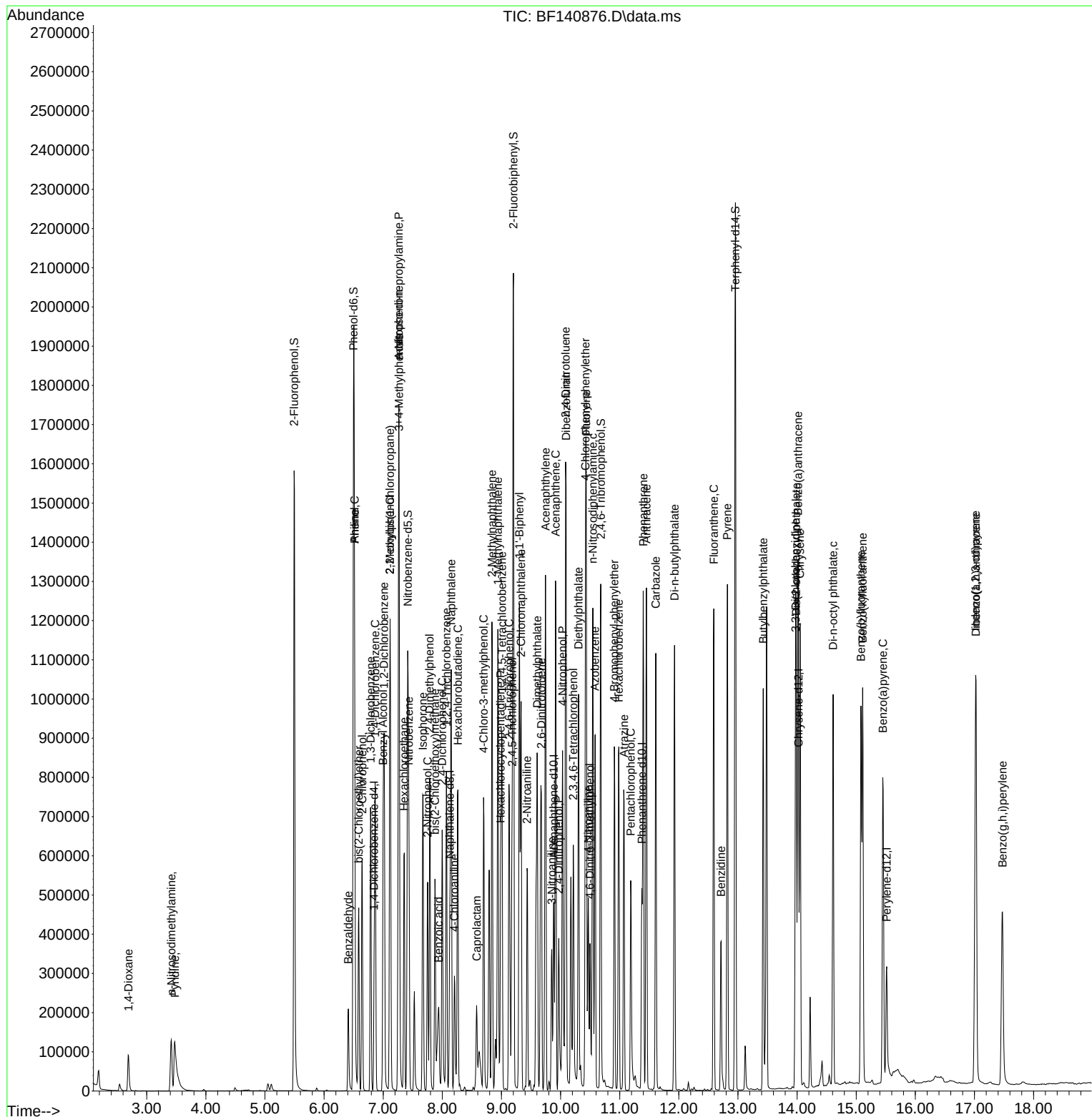

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Data File : BF140876.D  
Acq On    : 17 Dec 2024  11:09  
Operator  : RC/JU  
Sample    : PB165623BS  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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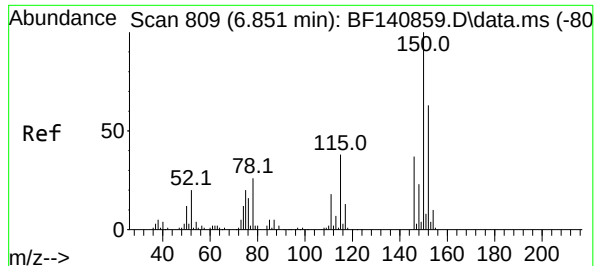
Instrument :
BNA_F
ClientSampleId :
PB165623BS

Manual Integrations

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

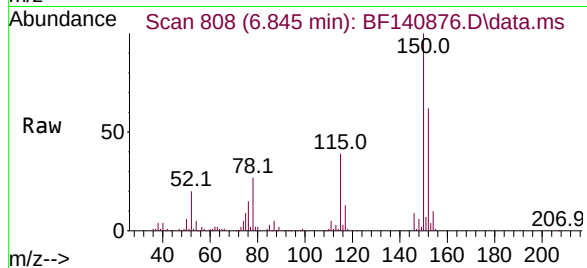
Quant Time: Dec 17 12:20:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

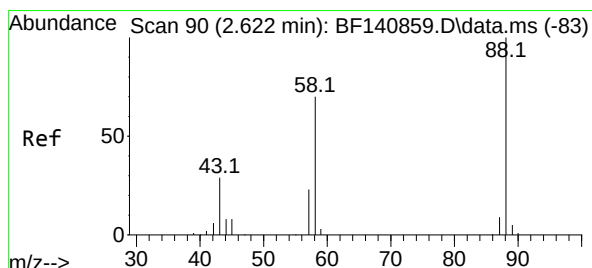
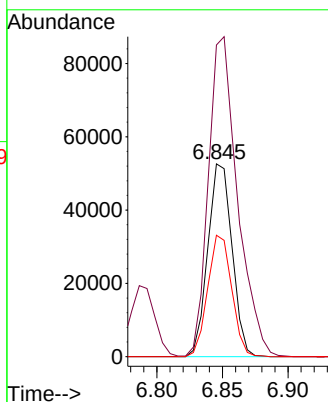
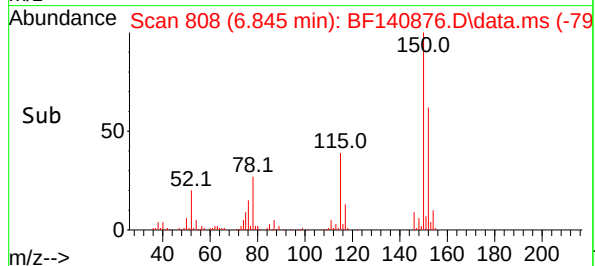
Instrument :
BNA_F
ClientSampleId :
PB165623BS



Tgt Ion:152 Resp: 6771
Ion Ratio Lower Upper
152 100
150 161.6 127.9 191.9
115 62.9 48.0 72.0

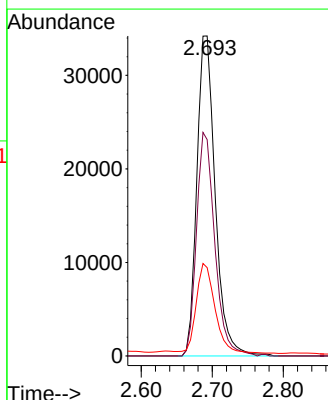
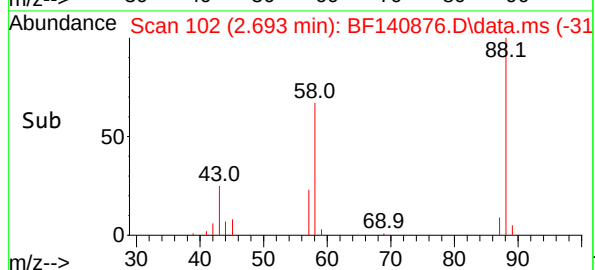
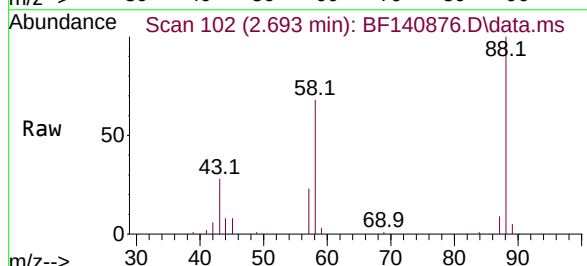
Manual Integrations
APPROVED

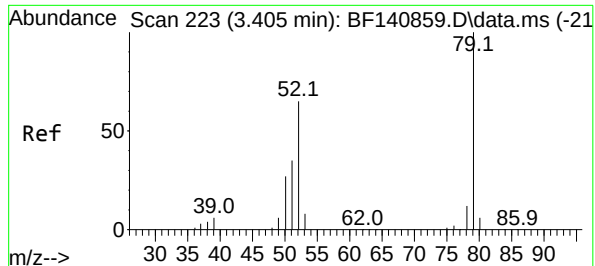
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#2
1,4-Dioxane
Concen: 34.802 ng
RT: 2.693 min Scan# 102
Delta R.T. 0.070 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion: 88 Resp: 61664
Ion Ratio Lower Upper
88 100
58 69.6 55.8 83.8
43 29.0 22.7 34.1





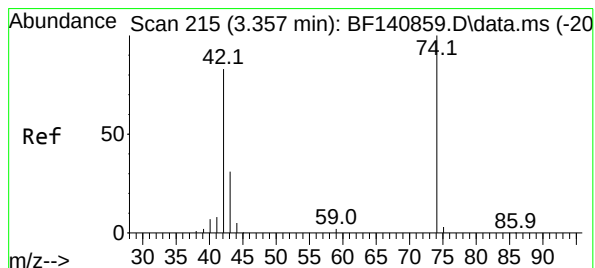
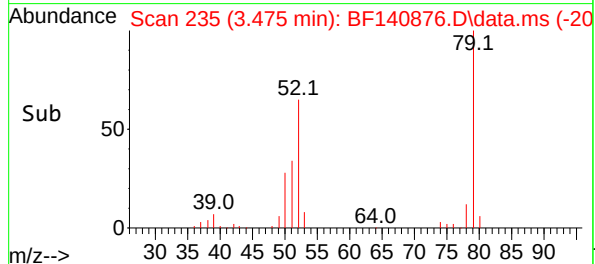
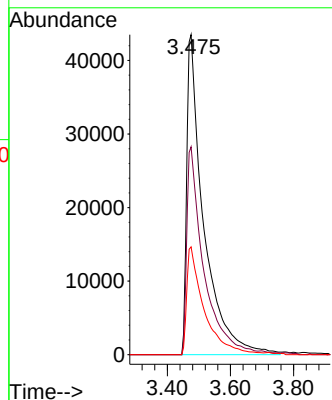
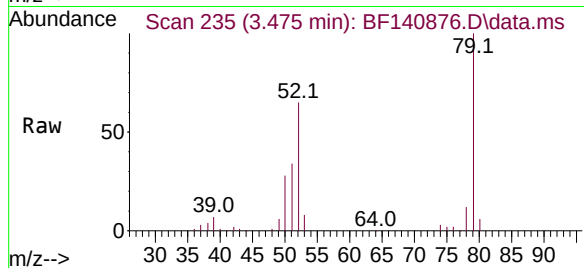
#3
Pyridine
Concen: 39.283 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB165623BS

Tgt Ion: 79 Resp: 161194
Ion Ratio Lower Upper
79 100
52 65.0 51.7 77.5
51 33.7 28.2 42.4

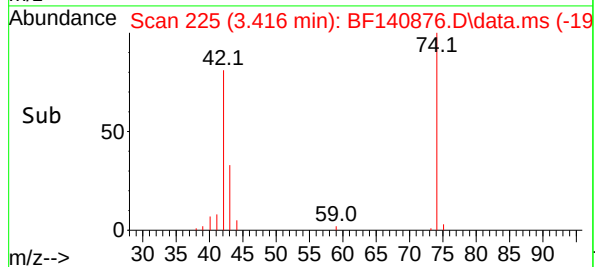
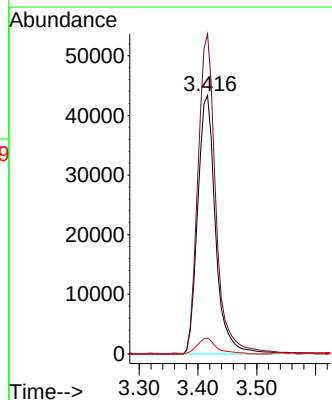
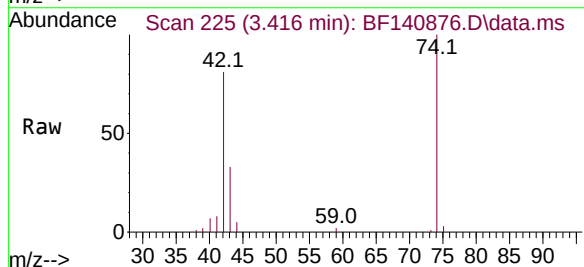
Manual Integrations
APPROVED

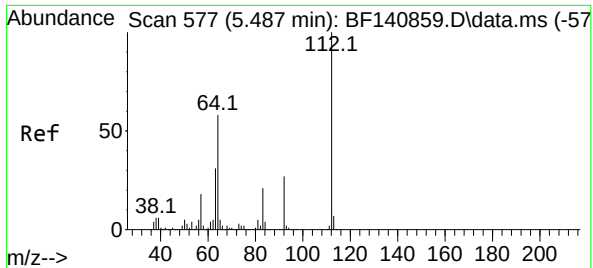
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#4
n-Nitrosodimethylamine
Concen: 44.312 ng
RT: 3.416 min Scan# 225
Delta R.T. 0.059 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

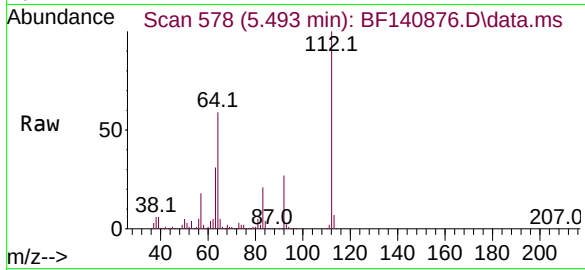
Tgt Ion: 42 Resp: 91663
Ion Ratio Lower Upper
42 100
74 123.8 96.9 145.3
44 6.2 4.4 6.6





#5
2-Fluorophenol
Concen: 161.381 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

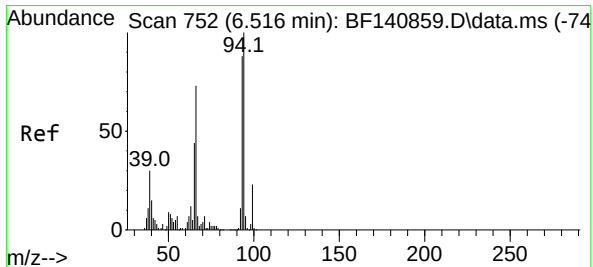
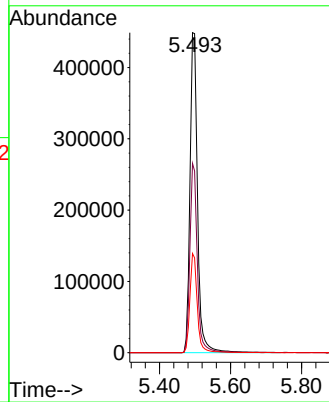
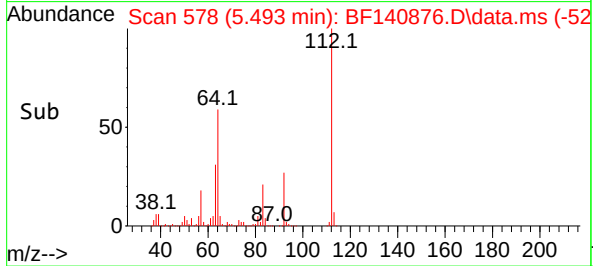
Instrument :
BNA_F
ClientSampleId :
PB165623BS



Tgt Ion: 112 Resp: 66385
Ion Ratio Lower Upper
112 100
64 59.1 46.1 69.1
63 31.0 24.9 37.3

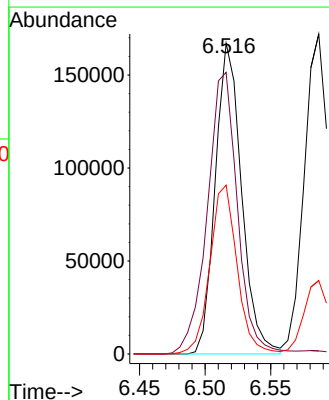
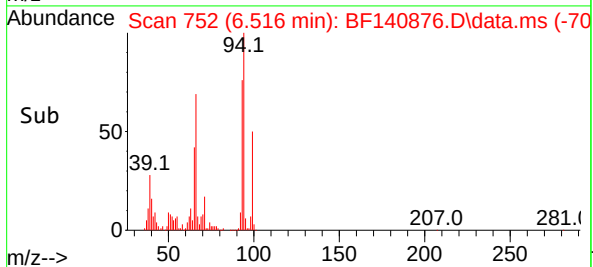
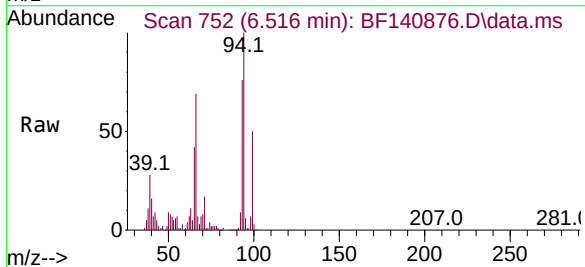
Manual Integrations
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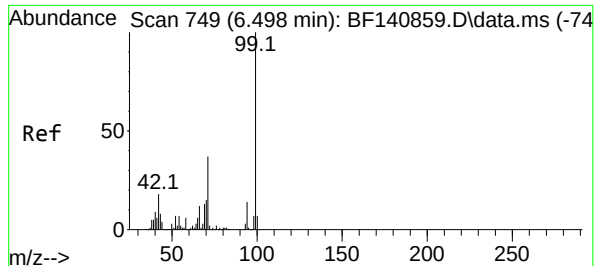
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#6
Aniline
Concen: 49.925 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

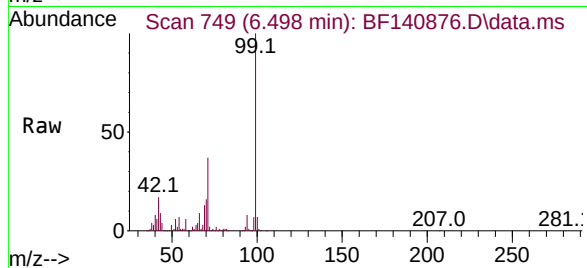
Tgt Ion: 93 Resp: 232576
Ion Ratio Lower Upper
93 100
66 90.7 67.0 100.4
65 54.3 40.4 60.6





#7
Phenol-d6
Concen: 152.029 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

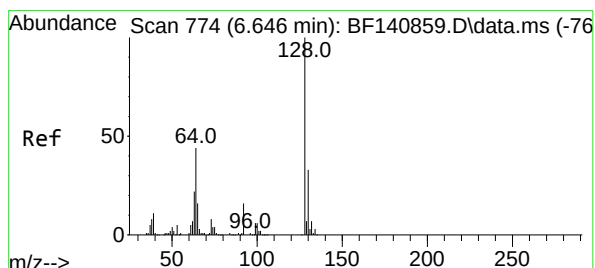
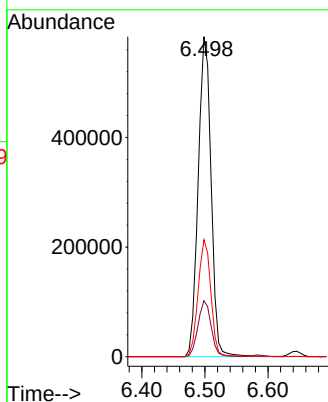
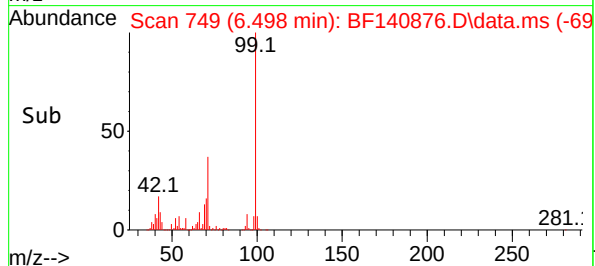
Instrument :
BNA_F
ClientSampleId :
PB165623BS



Tgt Ion: 99 Resp: 82832
Ion Ratio Lower Upper
99 100
42 17.5 14.3 21.5
71 36.6 29.9 44.9

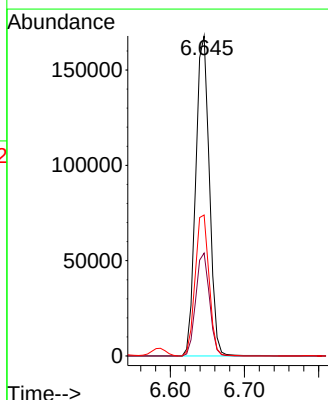
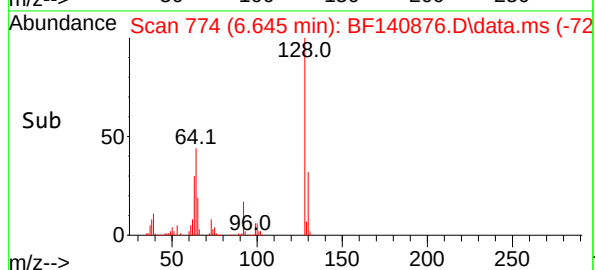
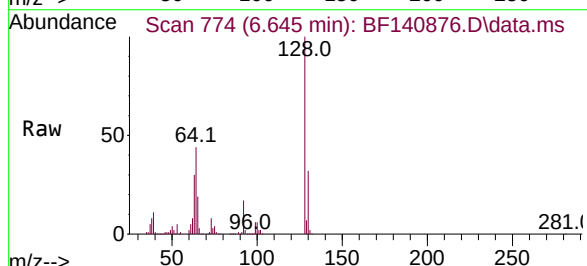
Manual Integrations
APPROVED

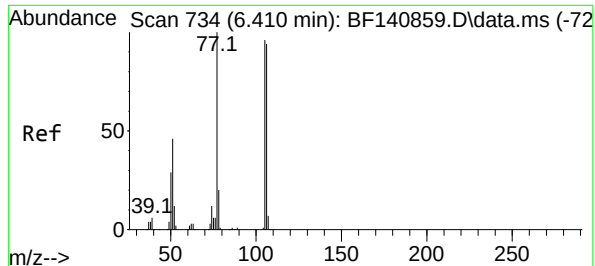
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#8
2-Chlorophenol
Concen: 47.896 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:128 Resp: 214856
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 44.0 24.3 64.3





#9

Benzaldehyde

Concen: 21.635 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion: 77 Resp: 65310

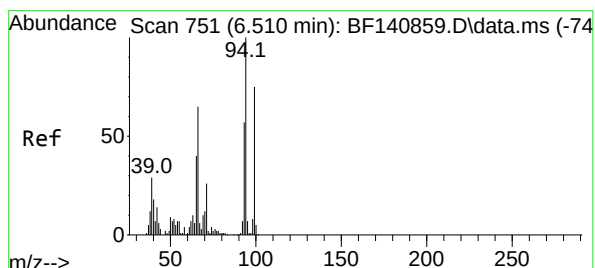
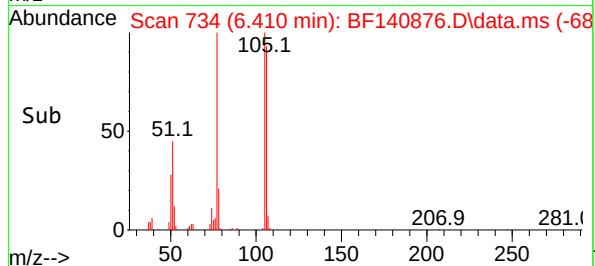
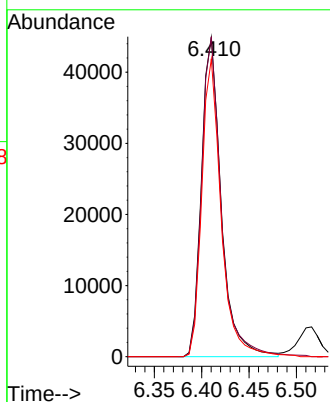
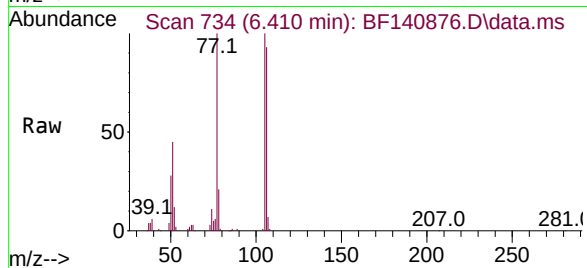
Ion	Ratio	Lower	Upper
77	100		
105	100.3	75.8	115.8
106	93.3	74.1	114.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#10

Phenol

Concen: 53.194 ng

RT: 6.516 min Scan# 752

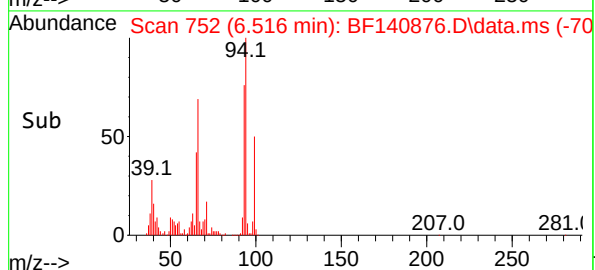
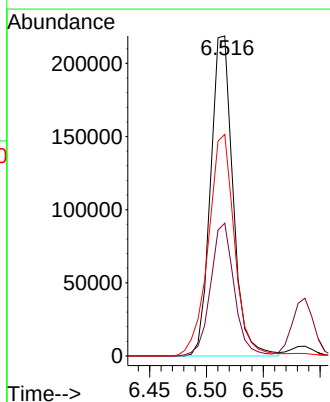
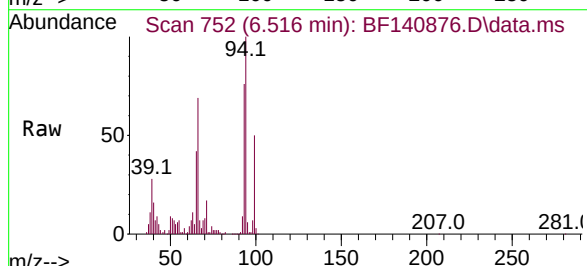
Delta R.T. 0.006 min

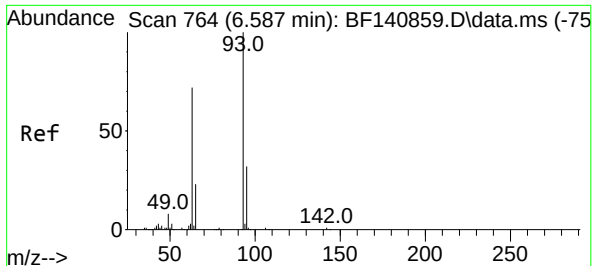
Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Tgt Ion: 94 Resp: 300382

Ion	Ratio	Lower	Upper
94	100		
65	41.5	19.9	59.9
66	69.3	45.6	85.6





#11

bis(2-Chloroethyl)ether

Concen: 53.801 ng

RT: 6.587 min Scan# 764

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion: 93 Resp: 22657

Ion Ratio Lower Upper

93 100

63 71.6 51.0 91.0

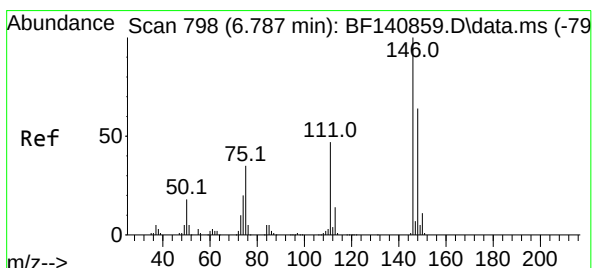
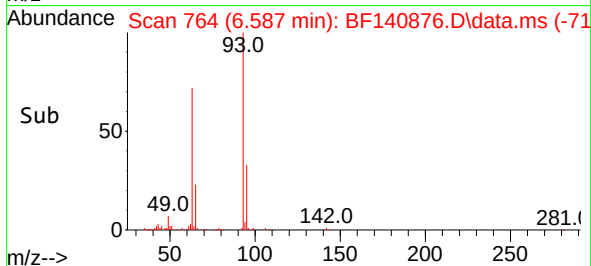
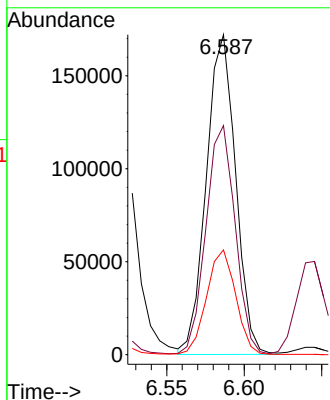
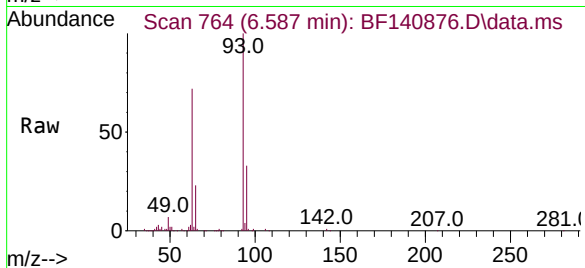
95 32.8 12.0 52.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#12

1,3-Dichlorobenzene

Concen: 46.530 ng

RT: 6.787 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

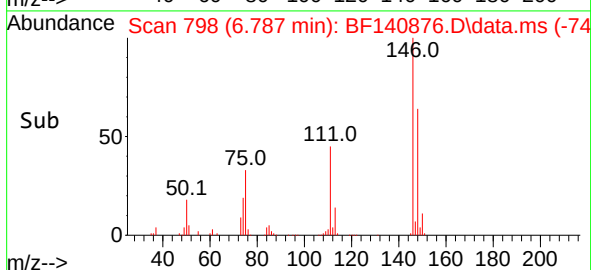
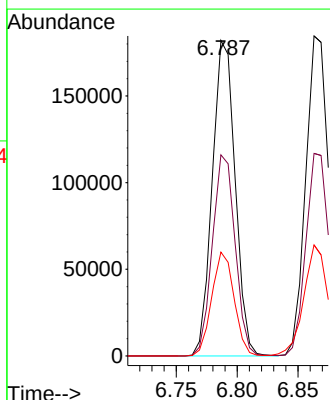
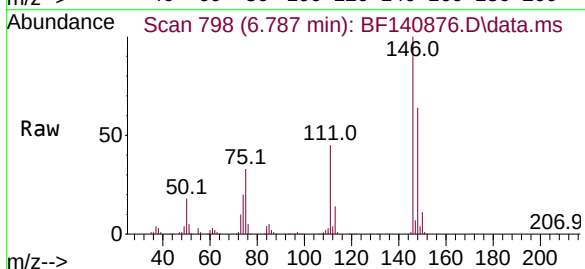
Tgt Ion:146 Resp: 237840

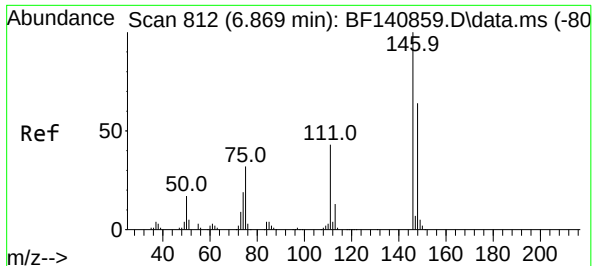
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

75 32.9 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 47.085 ng

RT: 6.863 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:146 Resp: 24430

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

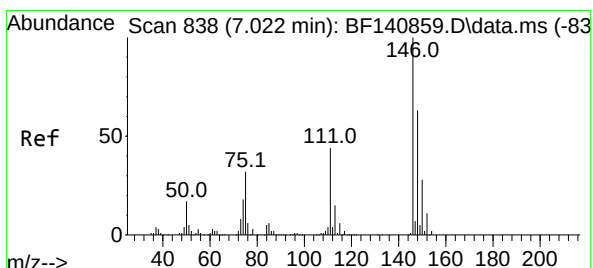
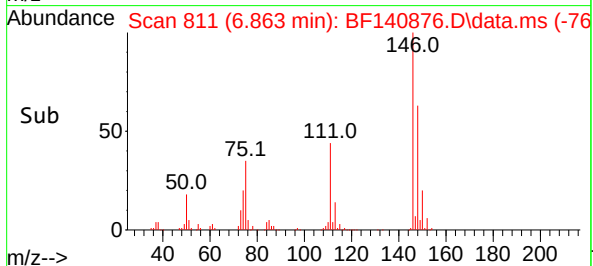
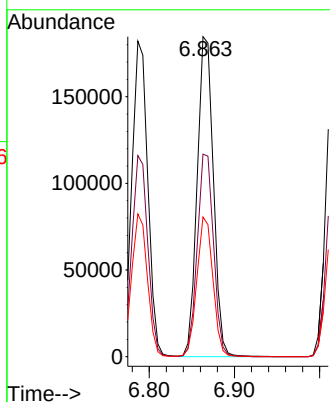
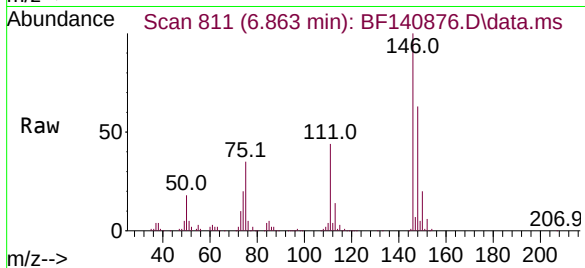
111 43.7 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#14

1,2-Dichlorobenzene

Concen: 49.578 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

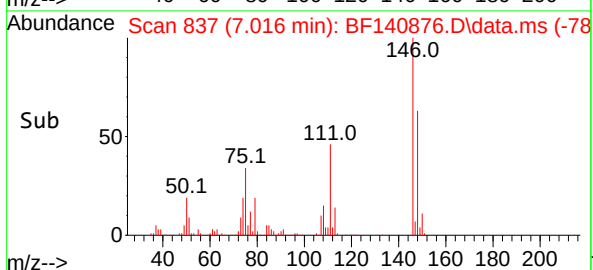
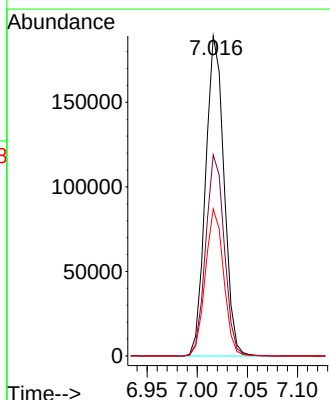
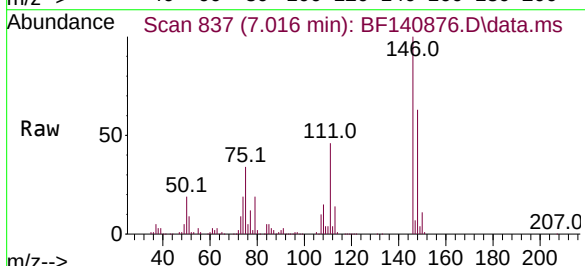
Tgt Ion:146 Resp: 242708

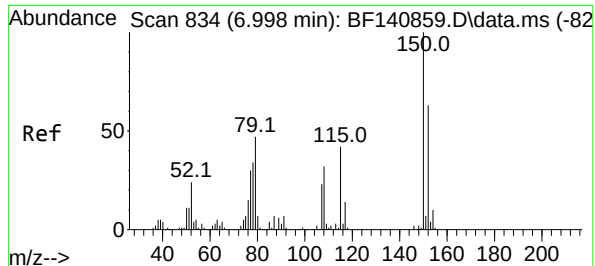
Ion Ratio Lower Upper

146 100

148 62.9 50.0 75.0

111 46.0 35.6 53.4





#15

Benzyl Alcohol

Concen: 54.926 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion: 79 Resp: 21397

Ion Ratio Lower Upper

79 100

108 72.1 55.1 82.7

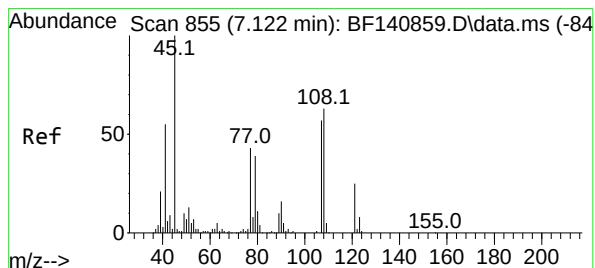
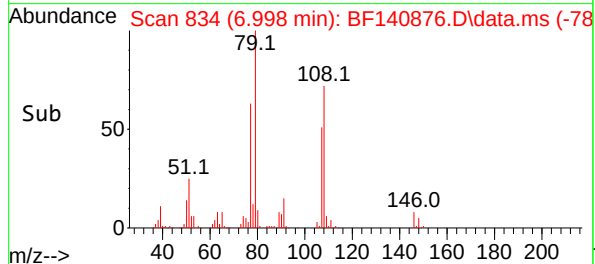
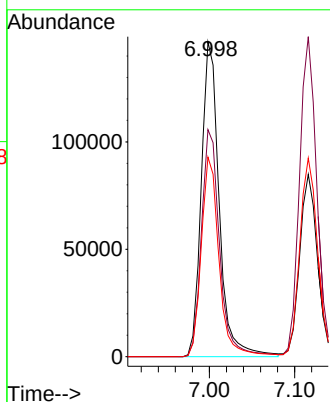
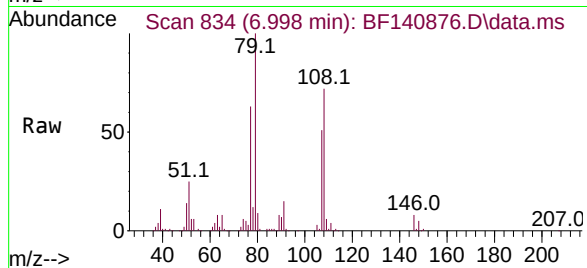
77 63.4 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.344 ng

RT: 7.116 min Scan# 854

Delta R.T. -0.006 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

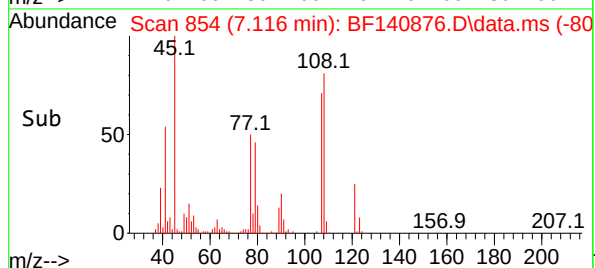
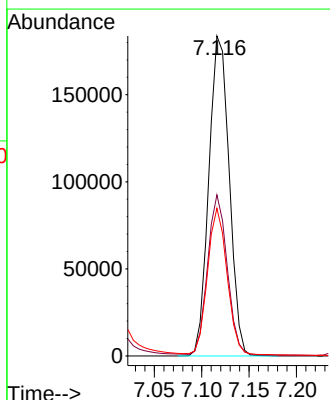
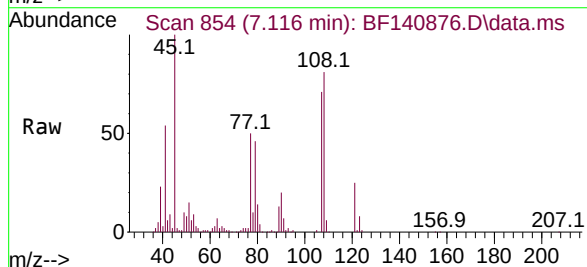
Tgt Ion: 45 Resp: 274560

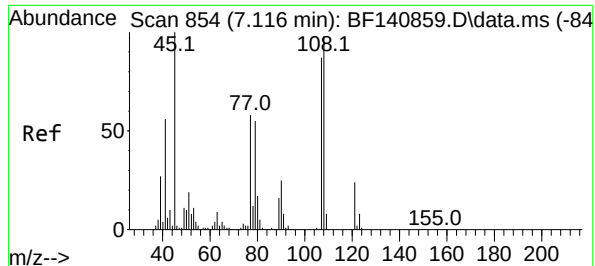
Ion Ratio Lower Upper

45 100

77 50.3 23.3 63.3

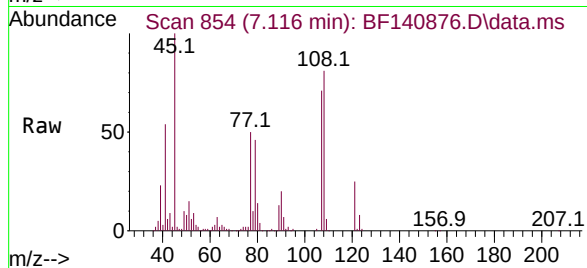
79 46.2 20.0 60.0





#17
2-Methylphenol
Concen: 51.516 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

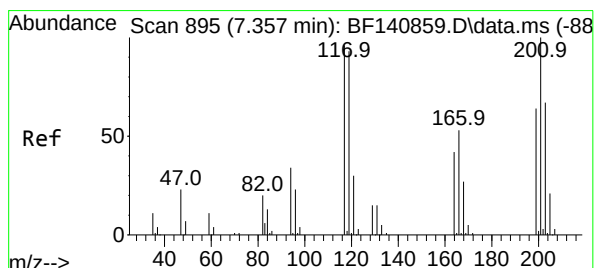
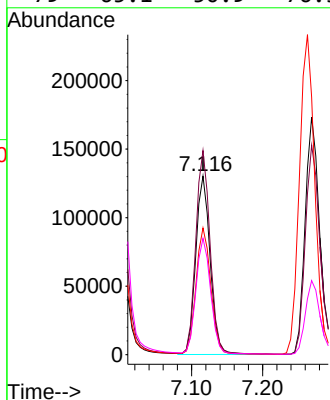
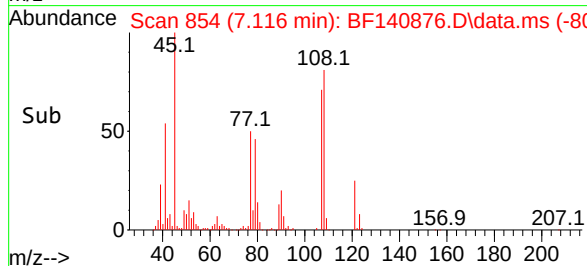
Instrument :
BNA_F
ClientSampleId :
PB165623BS



Tgt Ion:107 Resp: 184502
Ion Ratio Lower Upper
107 100
108 114.3 90.2 135.4
77 71.0 53.8 80.6
79 65.1 50.9 76.3

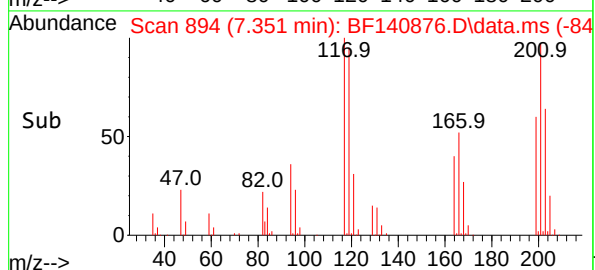
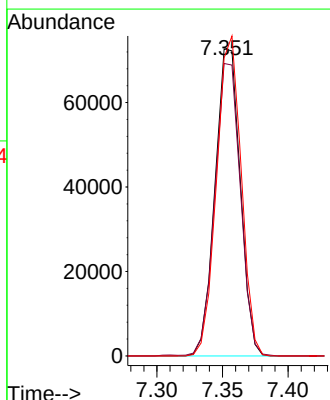
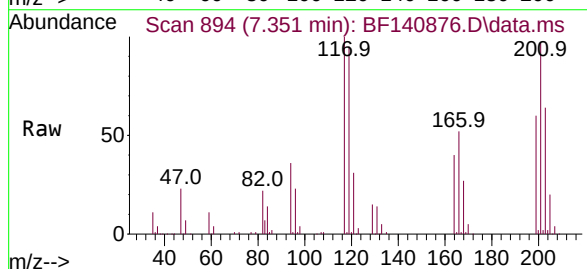
Manual Integrations
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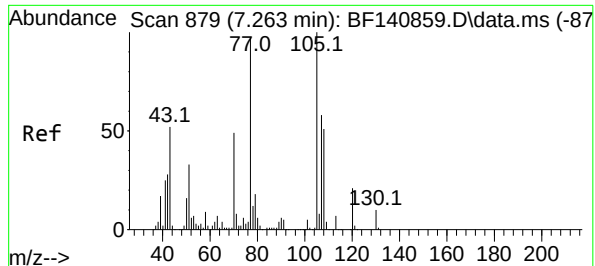
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#18
Hexachloroethane
Concen: 50.391 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:117 Resp: 97334
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0
201 97.1 83.4 125.0





#19

n-Nitroso-di-n-propylamine

Concen: 53.236 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion: 70 Resp: 17398

Ion Ratio Lower Upper

70 100

42 55.4 45.3 67.9

101 10.0 8.0 12.0

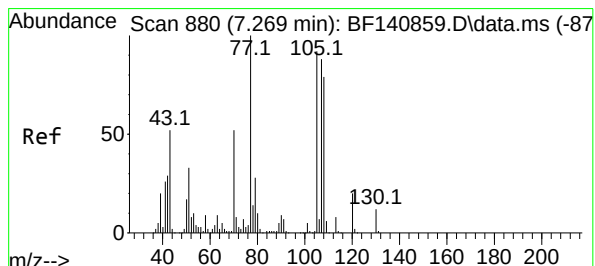
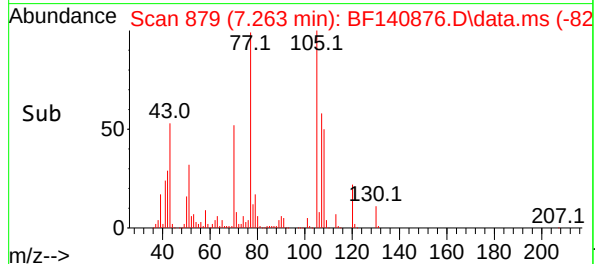
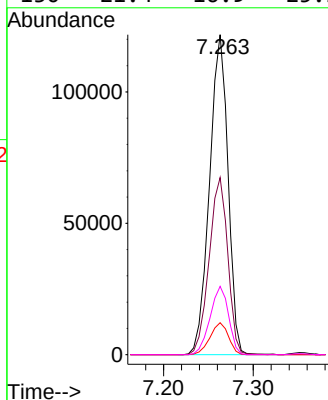
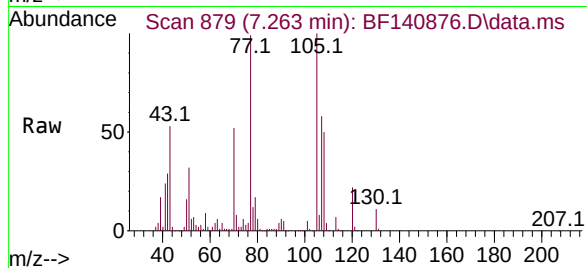
130 21.4 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#20

3+4-Methylphenols

Concen: 52.957 ng

RT: 7.269 min Scan# 880

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Tgt Ion:107 Resp: 251496

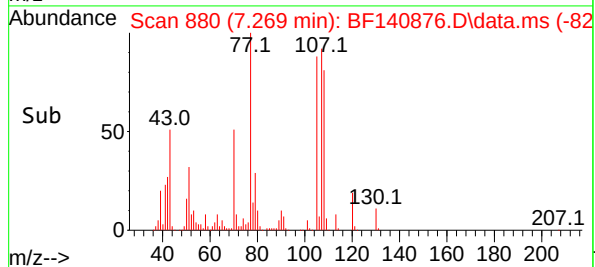
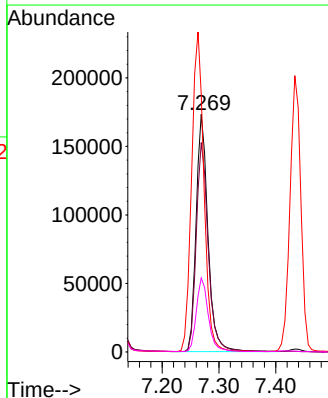
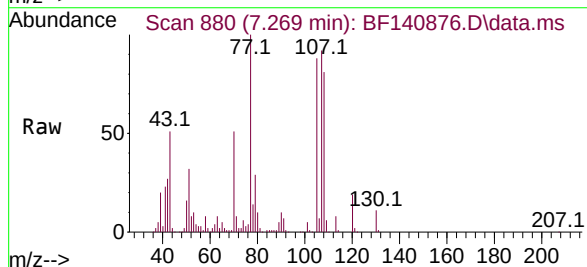
Ion Ratio Lower Upper

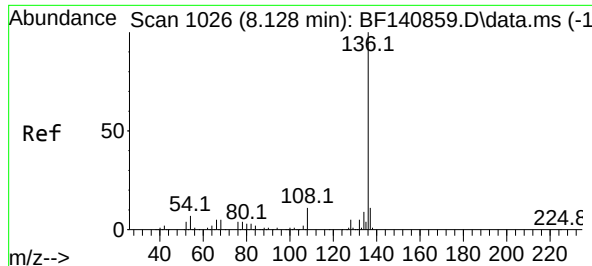
107 100

108 88.2 70.1 110.1

77 108.3 94.4 134.4

79 31.2 12.2 52.2





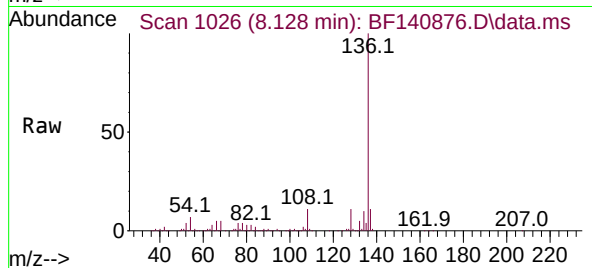
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

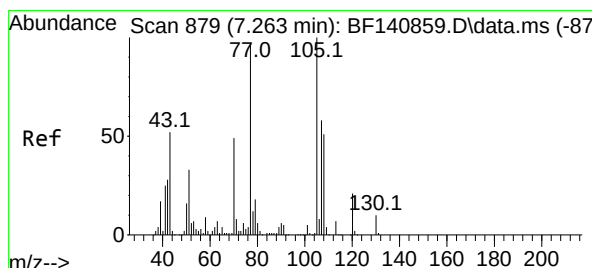
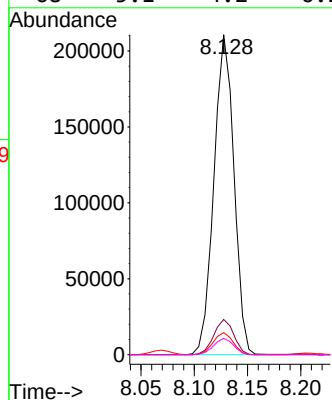
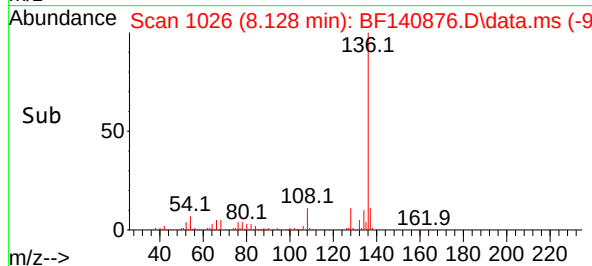


Tgt Ion:136 Resp: 27534
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.9 5.6 8.4
68 5.1 4.2 6.2

Manual Integrations

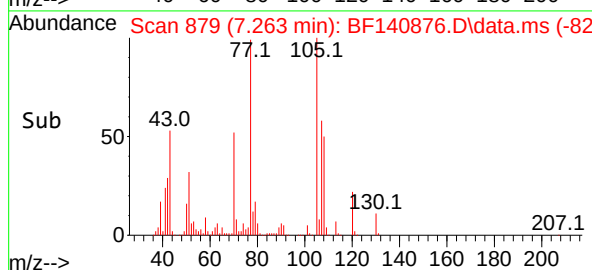
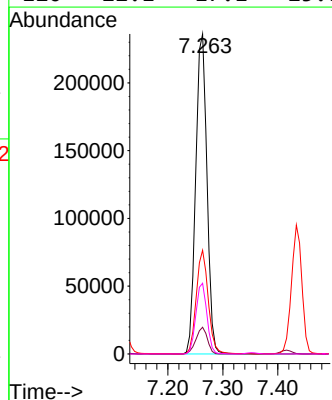
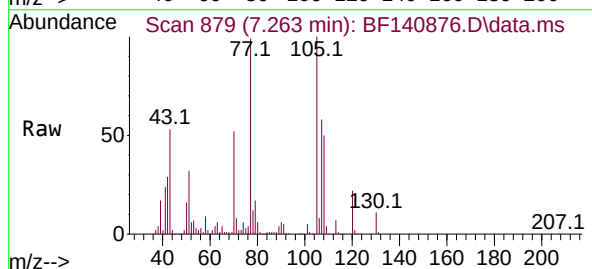
APPROVED

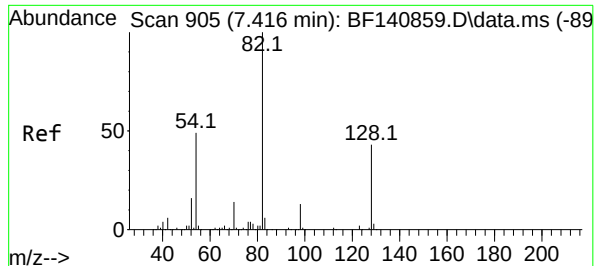
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#22
Acetophenone
Concen: 48.690 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:105 Resp: 335368
Ion Ratio Lower Upper
105 100
71 8.3 6.2 9.4
51 32.4 26.3 39.5
120 22.1 17.1 25.7





#23

Nitrobenzene-d5

Concen: 96.163 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion: 82 Resp: 529220

Ion Ratio Lower Upper

82 100

128 43.1 34.4 51.6

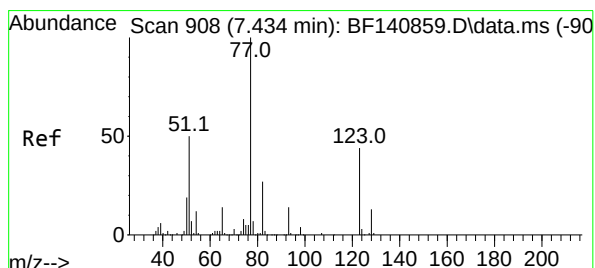
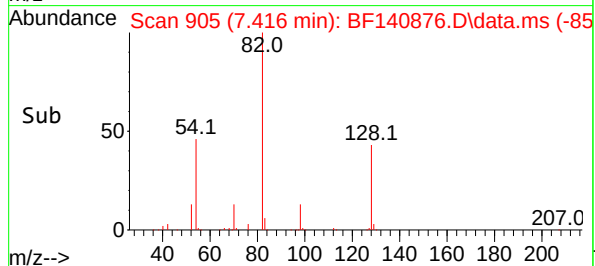
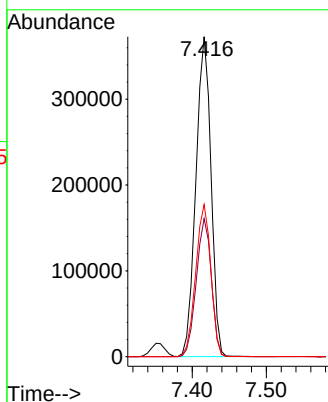
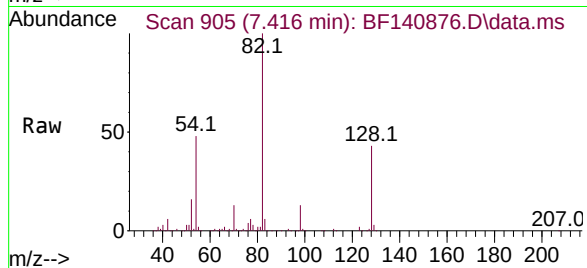
54 47.6 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#24

Nitrobenzene

Concen: 47.210 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

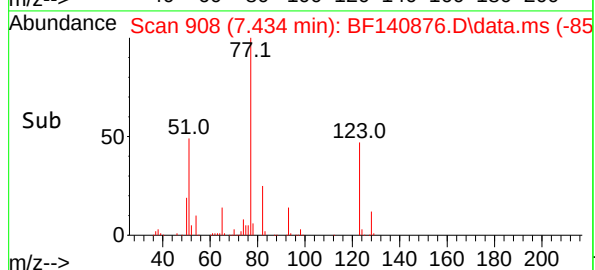
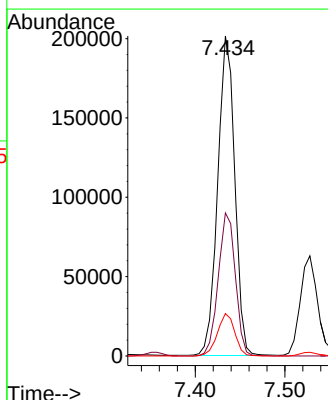
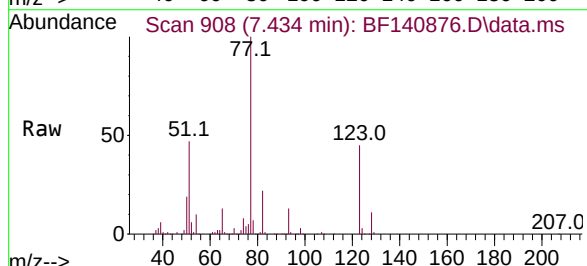
Tgt Ion: 77 Resp: 266173

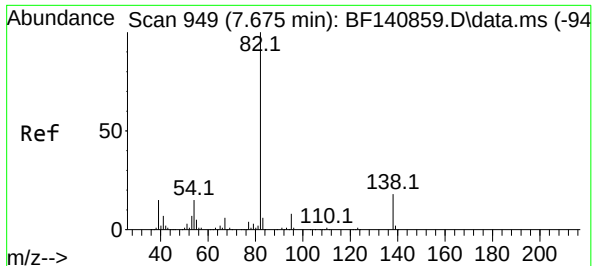
Ion Ratio Lower Upper

77 100

123 44.7 35.0 52.4

65 13.2 11.4 17.0





#25

Isophorone

Concen: 52.675 ng

RT: 7.669 min Scan# 949

Delta R.T. -0.006 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion: 82 Resp: 485720

Ion Ratio Lower Upper

82 100

95 7.6 6.3 9.5

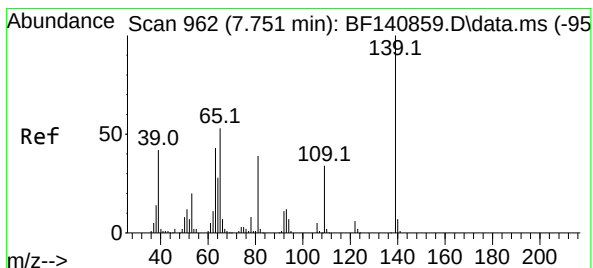
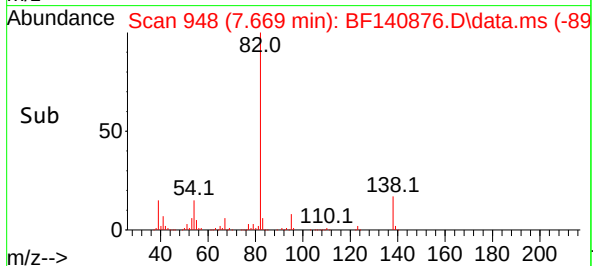
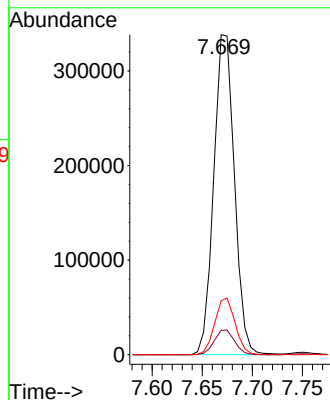
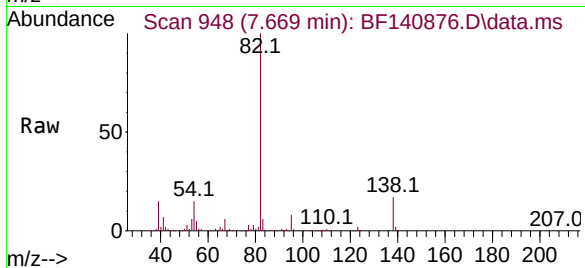
138 16.9 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#26

2-Nitrophenol

Concen: 52.793 ng

RT: 7.751 min Scan# 962

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

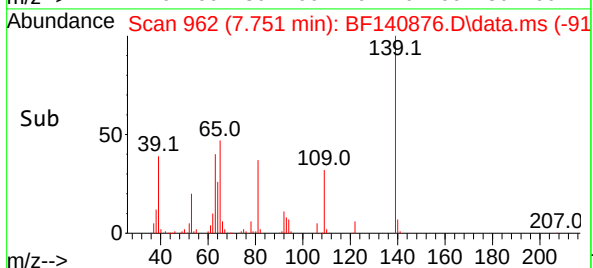
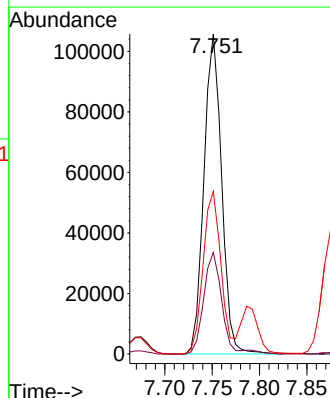
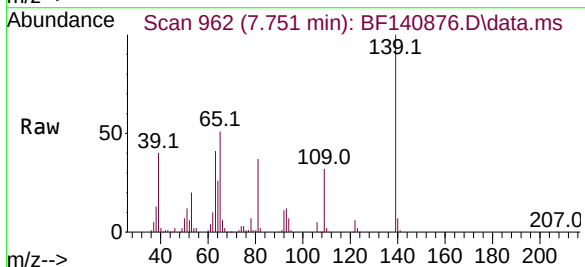
Tgt Ion:139 Resp: 137086

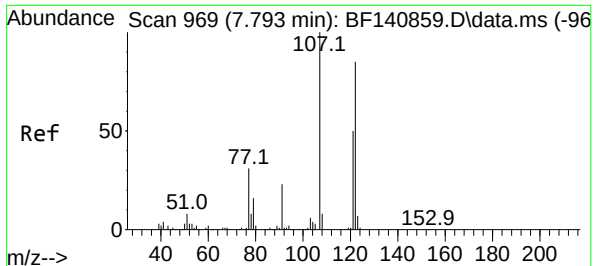
Ion Ratio Lower Upper

139 100

109 31.8 26.9 40.3

65 50.8 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 64.341 ng

RT: 7.787 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:122 Resp: 19511

Ion Ratio Lower Upper

122 100

107 118.0 92.6 139.0

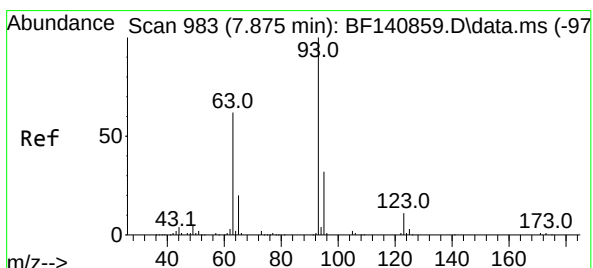
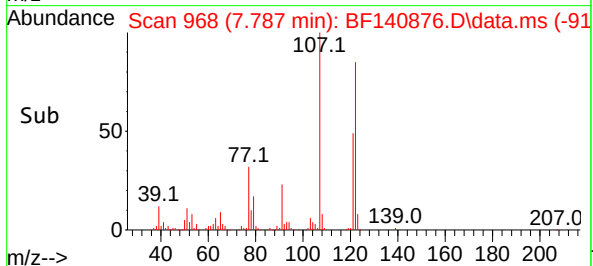
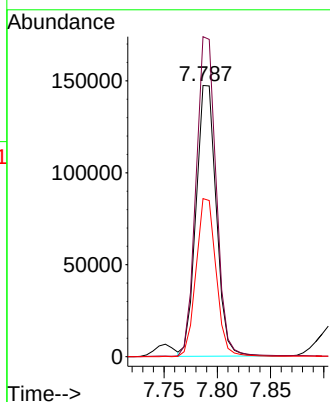
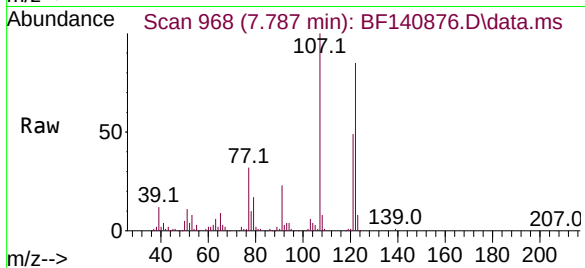
121 58.3 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.786 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

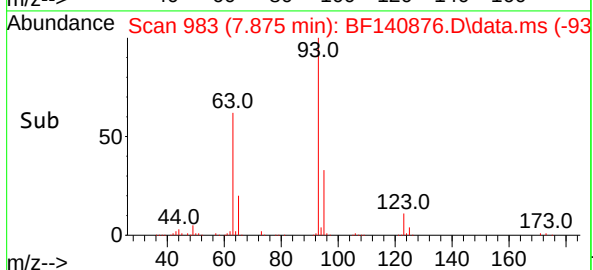
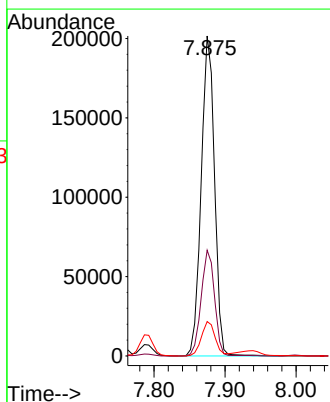
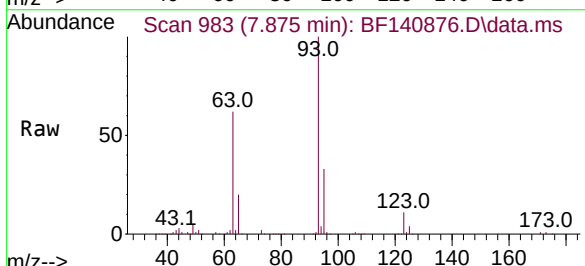
Tgt Ion: 93 Resp: 263696

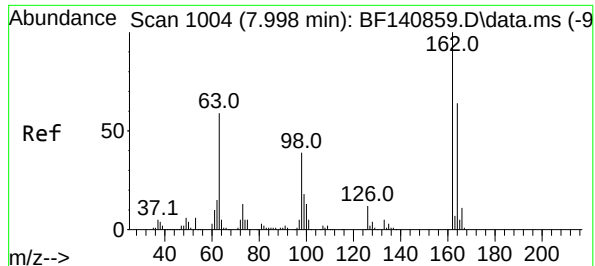
Ion Ratio Lower Upper

93 100

95 33.1 25.3 37.9

123 10.8 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 47.388 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:162 Resp: 19840

Ion Ratio Lower Upper

162 100

164 62.7 43.7 83.7

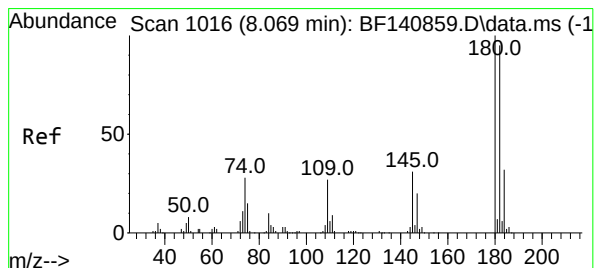
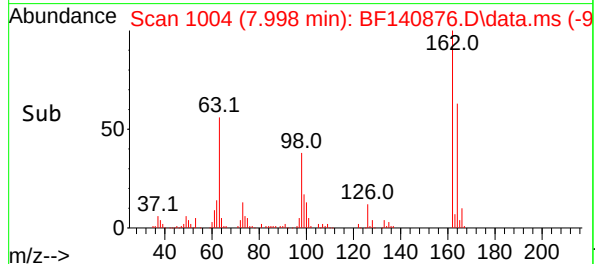
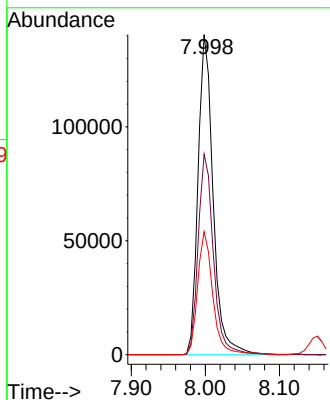
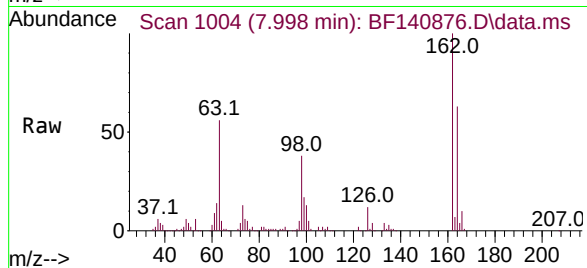
98 38.5 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.649 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

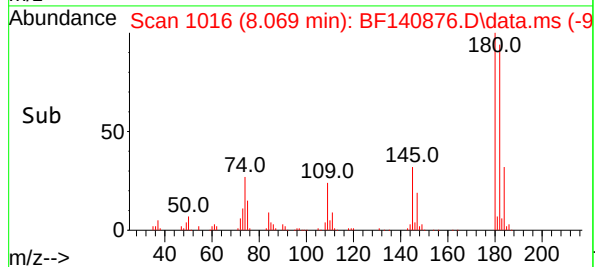
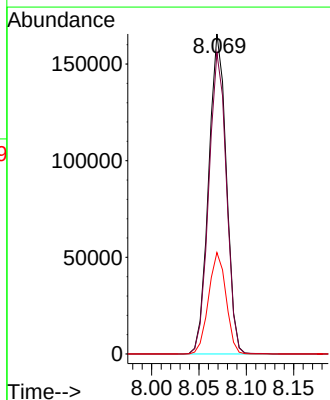
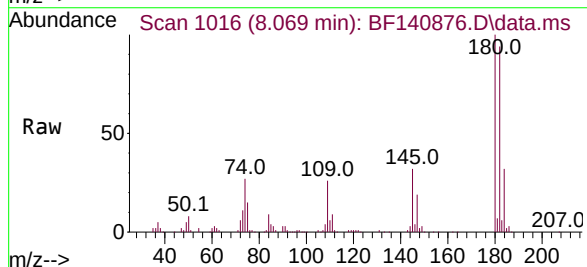
Tgt Ion:180 Resp: 214292

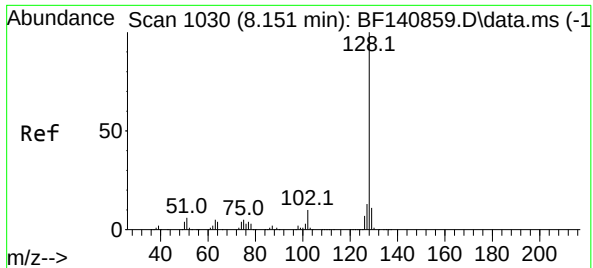
Ion Ratio Lower Upper

180 100

182 94.0 75.8 113.6

145 31.7 25.2 37.8





#31

Naphthalene

Concen: 46.123 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:128 Resp: 69759

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

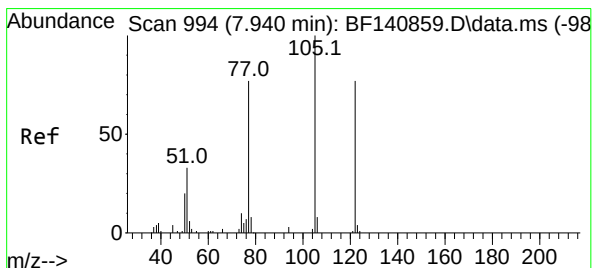
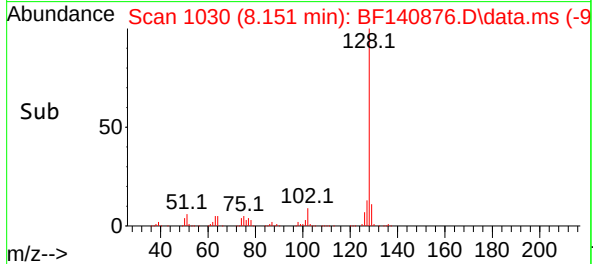
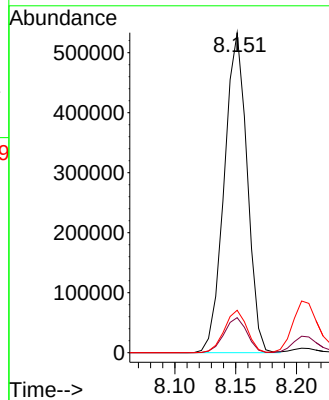
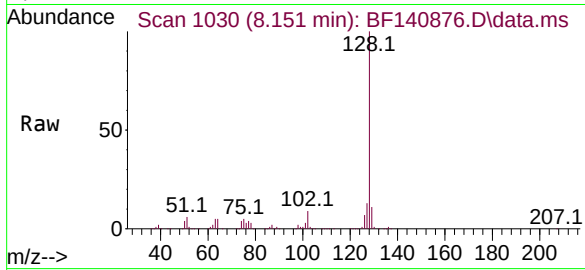
127 13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#32

Benzoic acid

Concen: 39.579 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.001 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

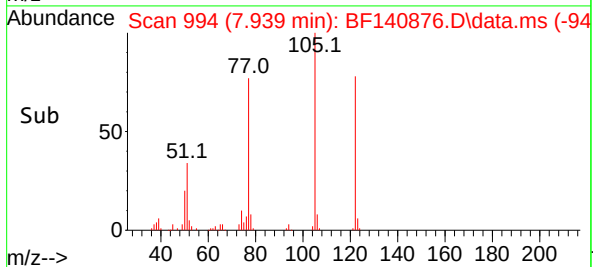
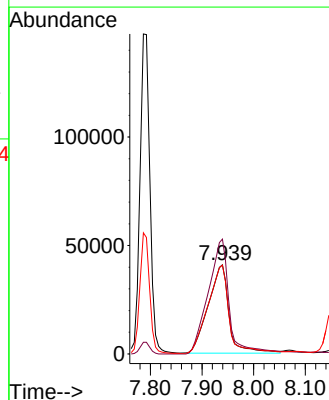
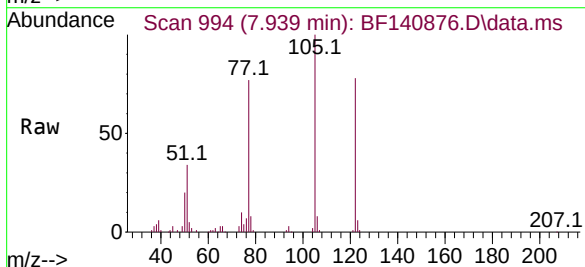
Tgt Ion:122 Resp: 113833

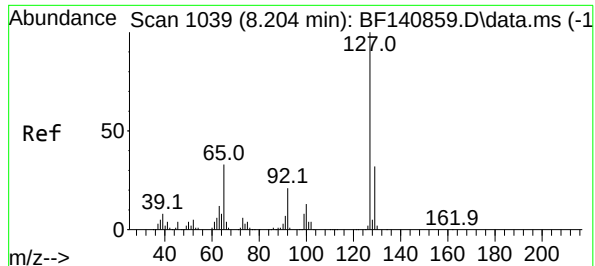
Ion Ratio Lower Upper

122 100

105 128.8 108.3 148.3

77 99.6 78.8 118.8





#33

4-Chloroaniline

Concen: 27.275 ng

RT: 8.204 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:127 Resp: 137010

Ion Ratio Lower Upper

127 100

129 31.9 26.0 39.0

65 31.6 26.0 39.0

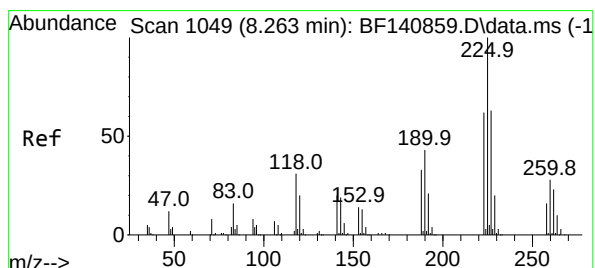
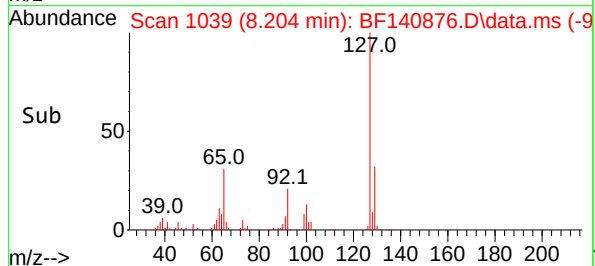
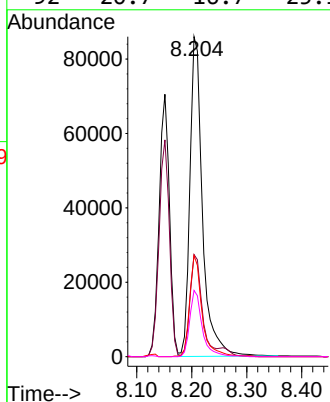
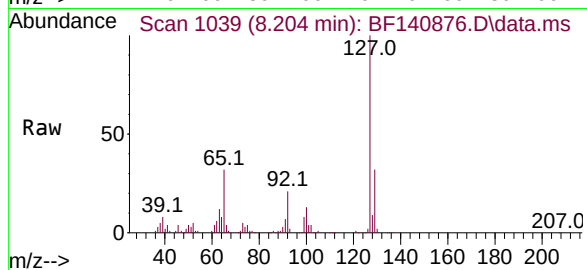
92 20.7 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#34

Hexachlorobutadiene

Concen: 44.052 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

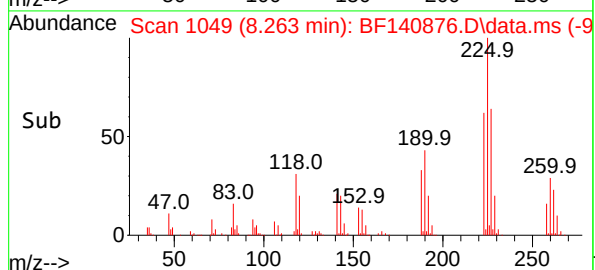
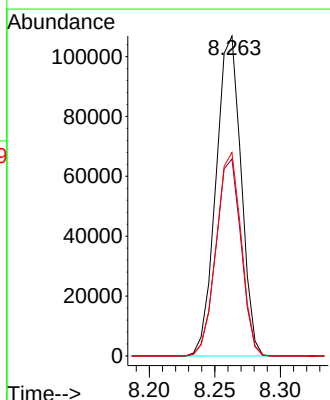
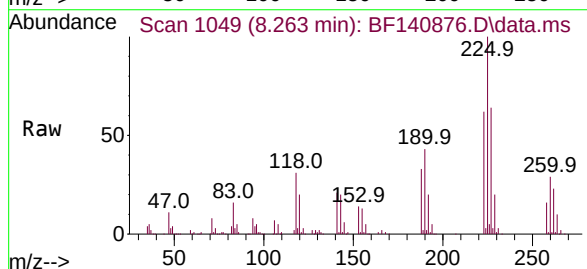
Tgt Ion:225 Resp: 142248

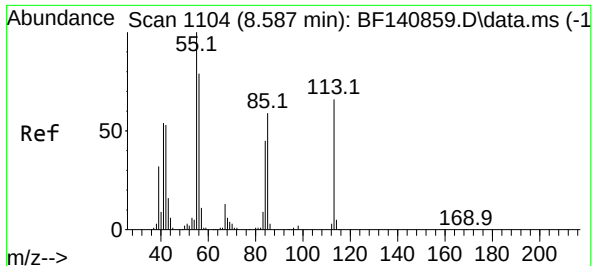
Ion Ratio Lower Upper

225 100

223 61.6 49.6 74.4

227 63.6 50.7 76.1





#35

Caprolactam

Concen: 52.101 ng m

RT: 8.581 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:113 Resp: 64940

Ion Ratio Lower Upper

113 100

55 149.2 132.3 172.3

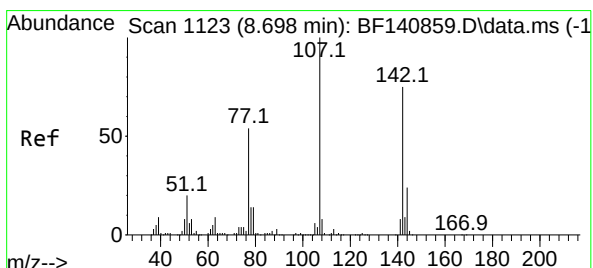
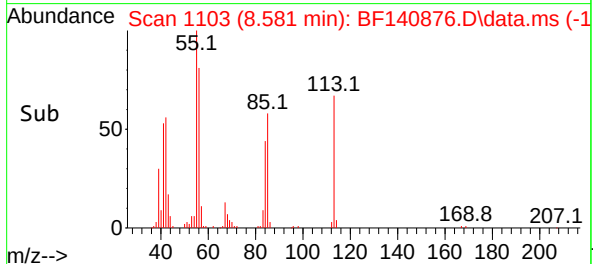
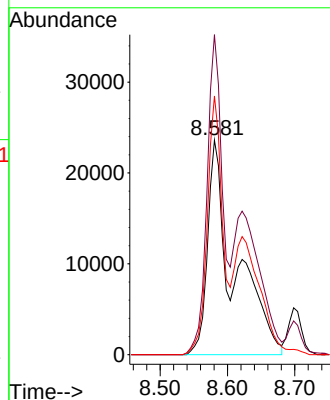
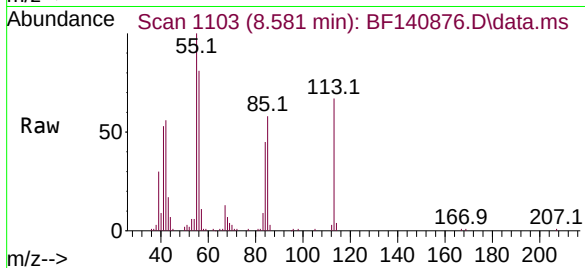
56 120.6 100.3 140.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#36

4-Chloro-3-methylphenol

Concen: 48.611 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

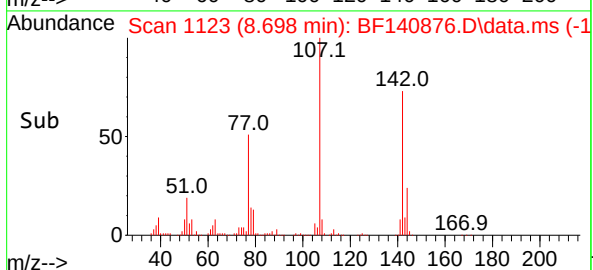
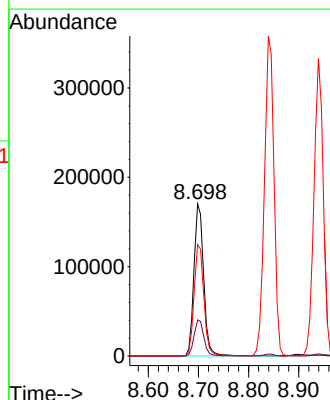
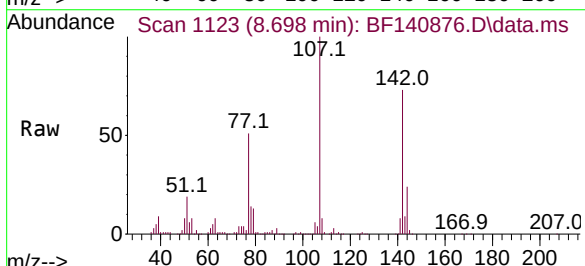
Tgt Ion:107 Resp: 229067

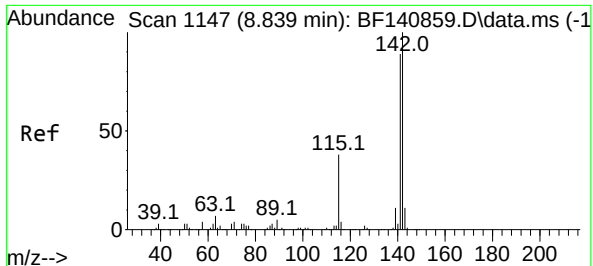
Ion Ratio Lower Upper

107 100

144 23.7 19.4 29.2

142 73.3 60.3 90.5





#37
2-Methylnaphthalene
Concen: 47.248 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

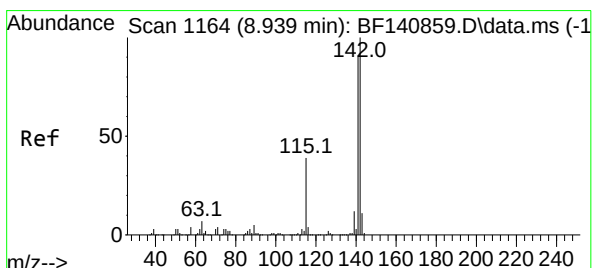
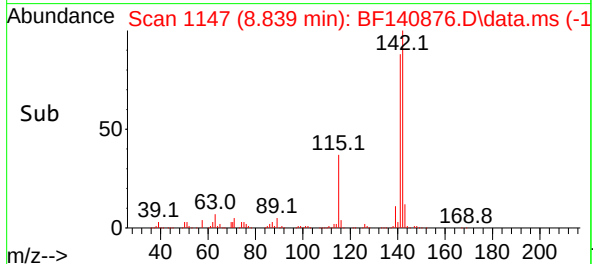
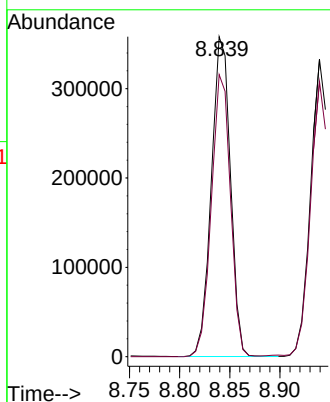
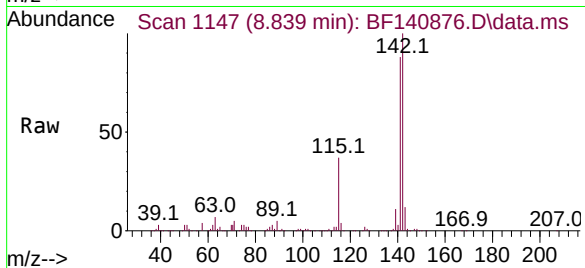
ClientSampleId :

PB165623BS

Tgt Ion:142 Resp: 472718
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6

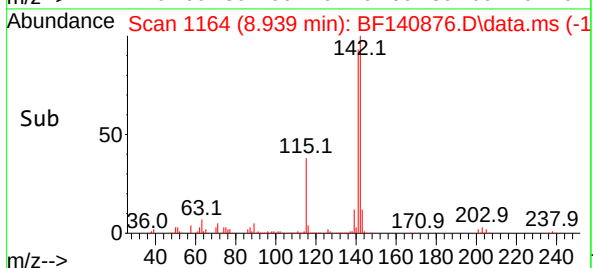
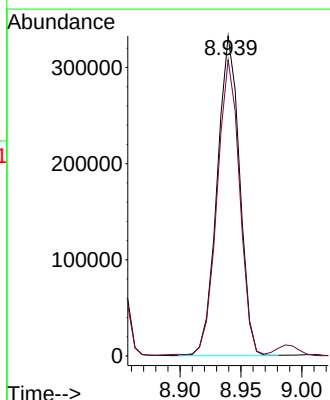
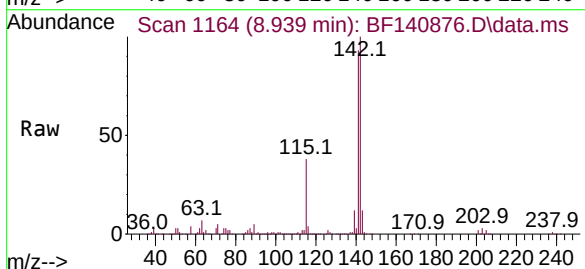
Manual Integrations
APPROVED

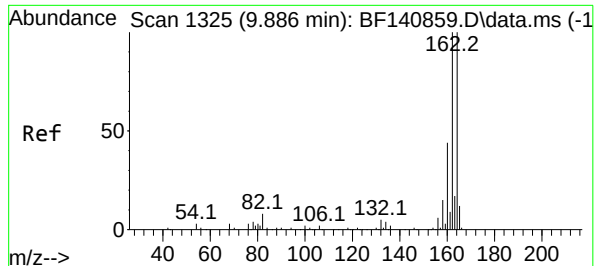
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#38
1-Methylnaphthalene
Concen: 43.082 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:142 Resp: 426288
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF140876.D

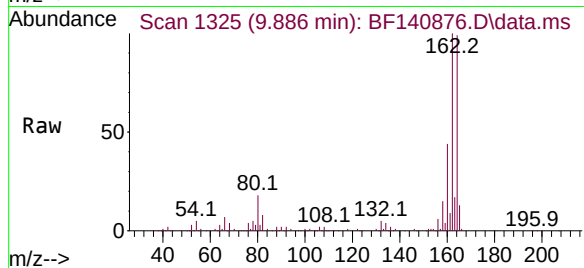
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS



Tgt Ion:164 Resp: 14958

Ion Ratio Lower Upper

164 100

162 101.4 79.9 119.9

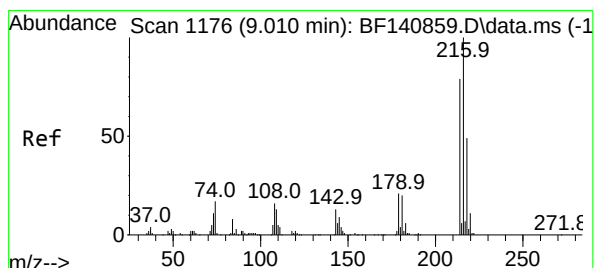
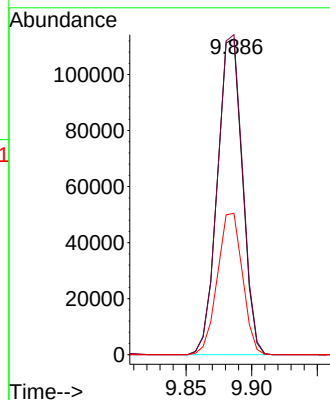
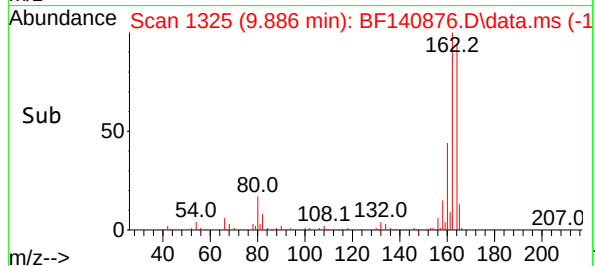
160 44.8 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#40

1,2,4,5-Tetrachlorobenzene

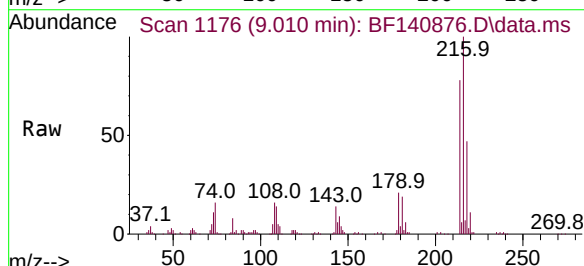
Concen: 51.038 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09



Tgt Ion:216 Resp: 234659

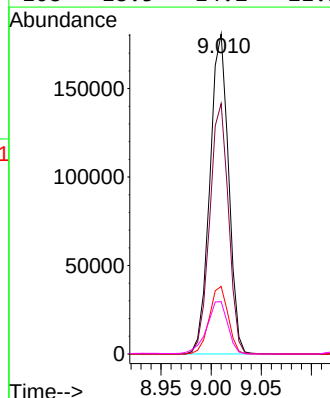
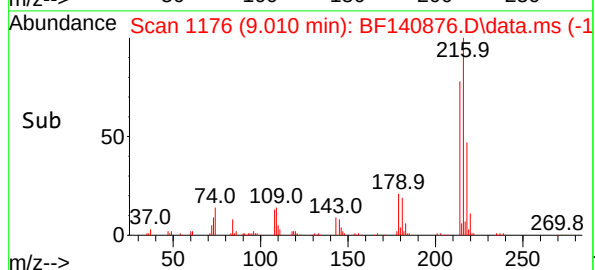
Ion Ratio Lower Upper

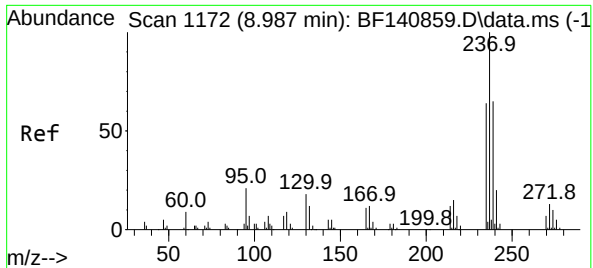
216 100

214 78.3 63.6 95.4

179 21.2 17.0 25.4

108 18.5 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 74.460 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.001 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:237 Resp: 117174

Ion Ratio Lower Upper

237 100

235 63.7 43.7 83.7

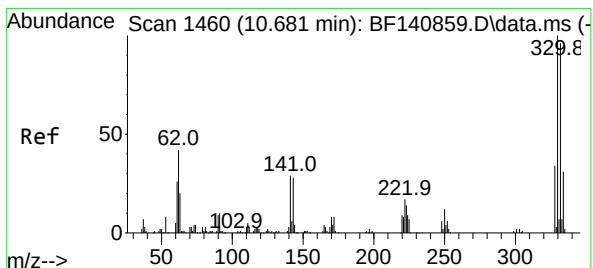
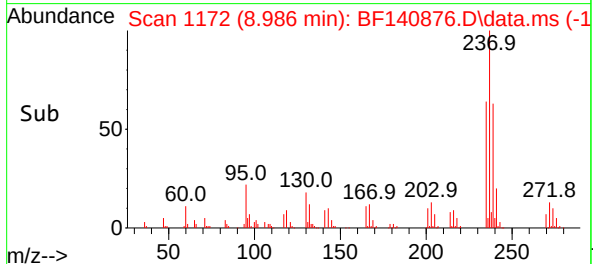
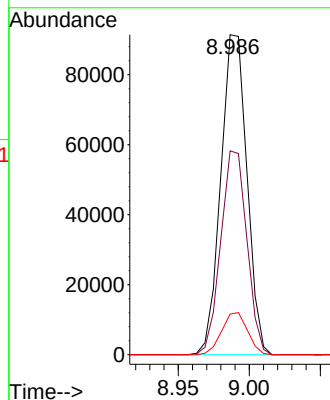
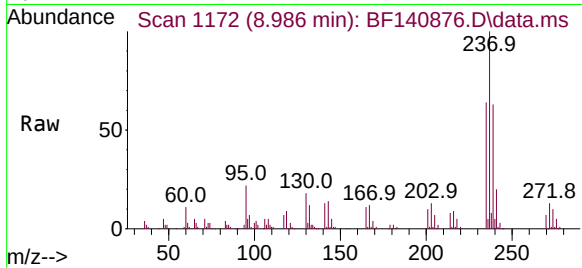
272 12.7 0.0 32.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#42

2,4,6-Tribromophenol

Concen: 137.908 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

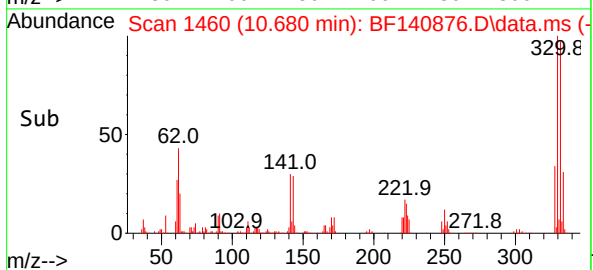
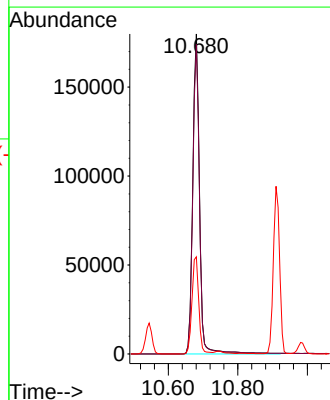
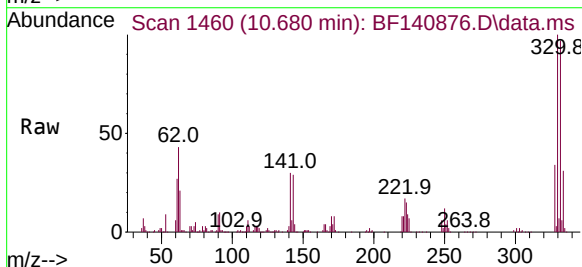
Tgt Ion:330 Resp: 243982

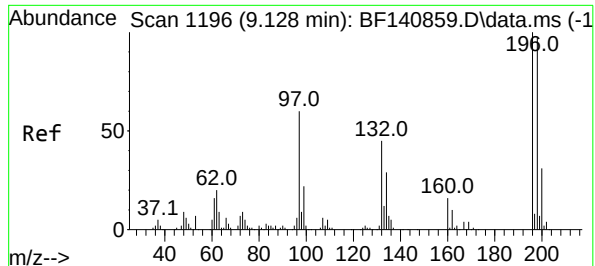
Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

141 30.6 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 49.449 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:196 Resp: 13921

Ion Ratio Lower Upper

196 100

198 96.6 77.4 116.0

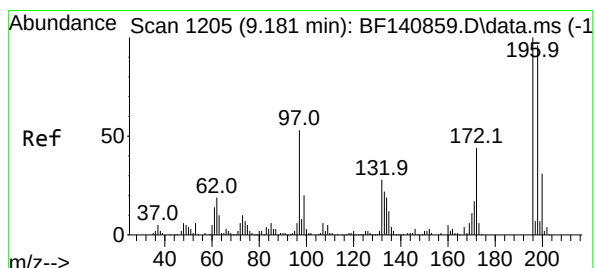
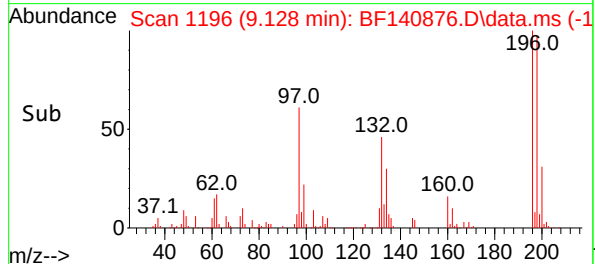
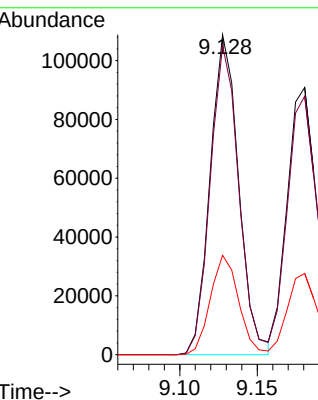
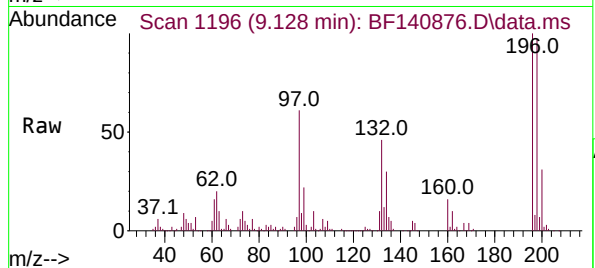
200 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#44

2,4,5-Trichlorophenol

Concen: 43.154 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Tgt Ion:196 Resp: 133534

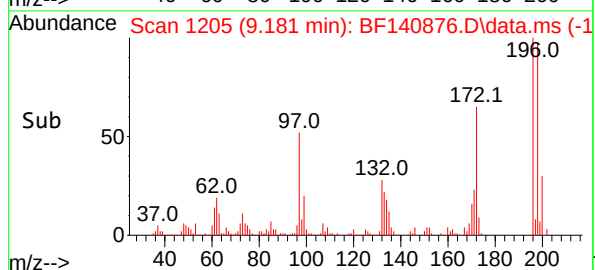
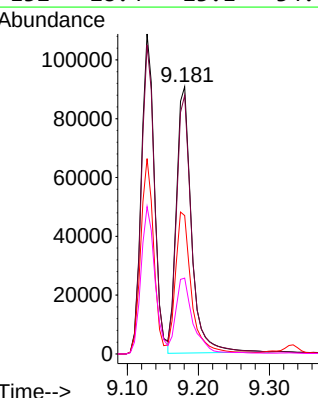
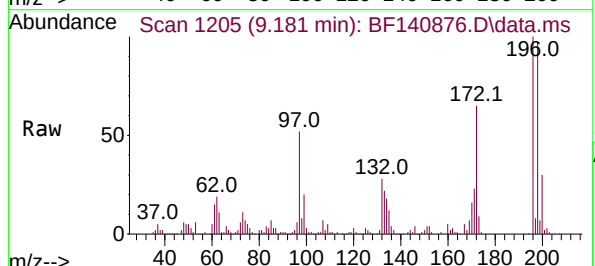
Ion Ratio Lower Upper

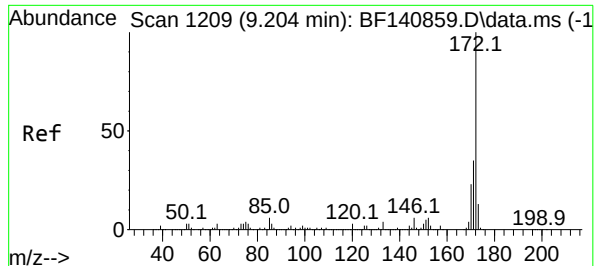
196 100

198 96.8 77.2 115.8

97 51.8 42.2 63.4

132 28.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 89.141 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:172 Resp: 969862

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

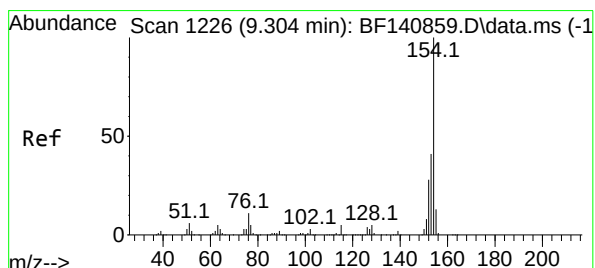
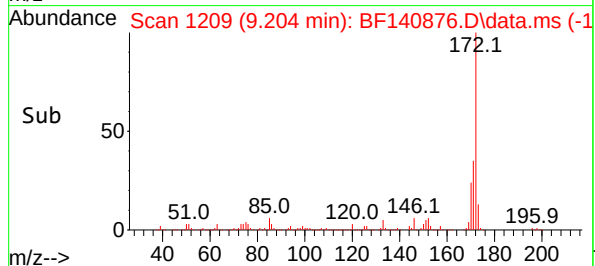
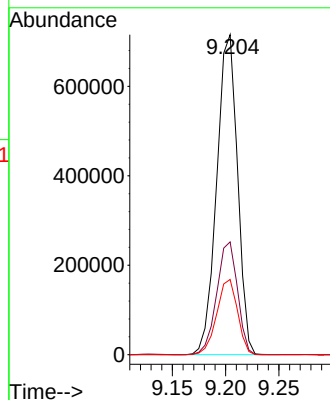
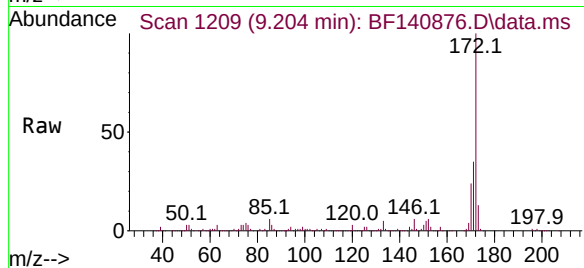
170 23.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#46

1,1'-Biphenyl

Concen: 46.884 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

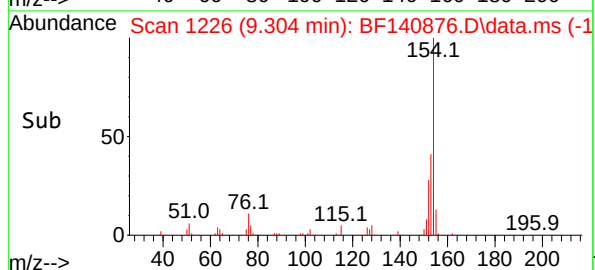
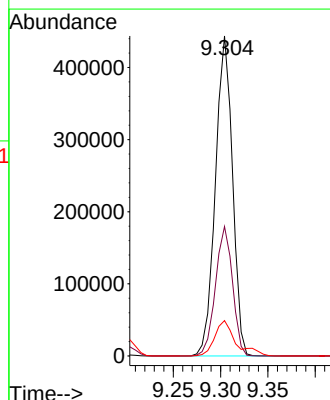
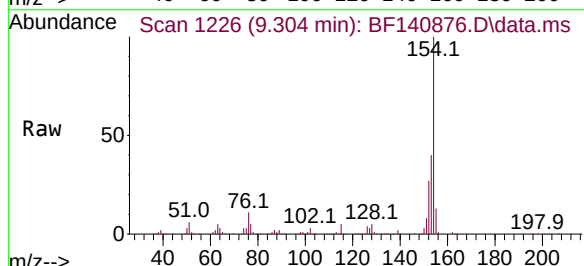
Tgt Ion:154 Resp: 557673

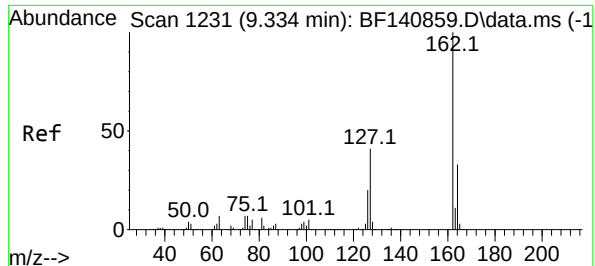
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 11.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 44.976 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:162 Resp: 40926

Ion Ratio Lower Upper

162 100

127 42.7 33.5 50.3

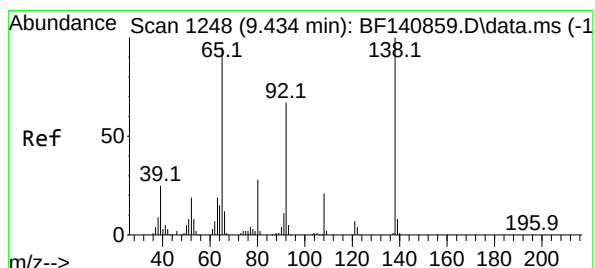
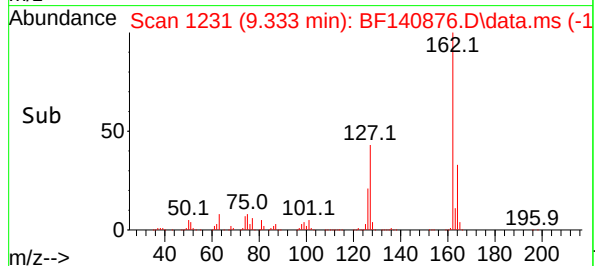
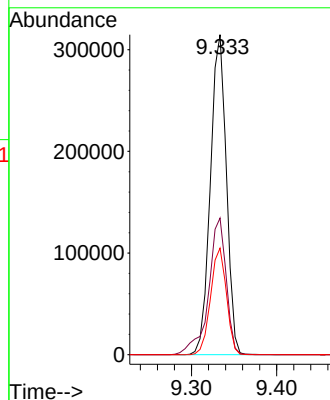
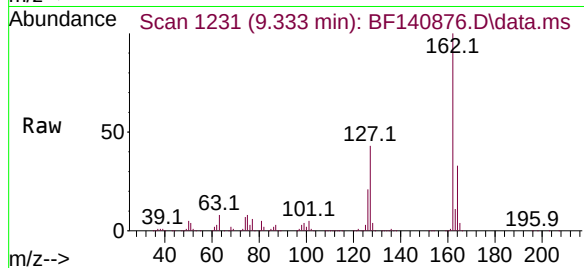
164 33.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#48

2-Nitroaniline

Concen: 49.394 ng

RT: 9.433 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

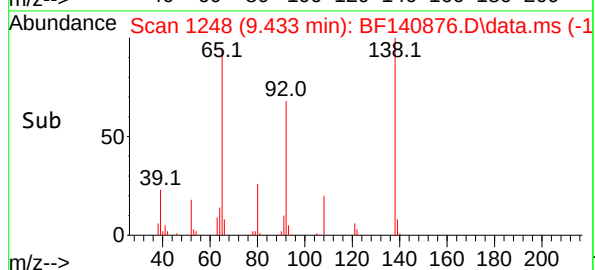
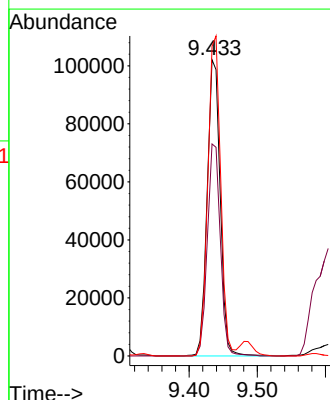
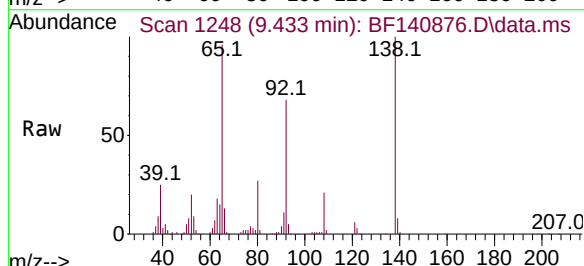
Tgt Ion: 65 Resp: 135746

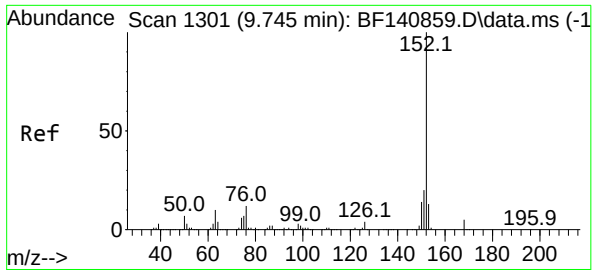
Ion Ratio Lower Upper

65 100

92 71.6 56.3 84.5

138 104.5 83.8 125.6





#49

Acenaphthylene

Concen: 51.655 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:152 Resp: 690760

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

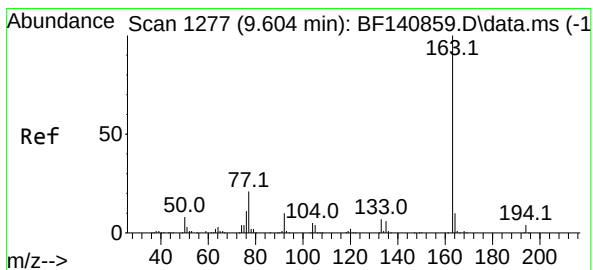
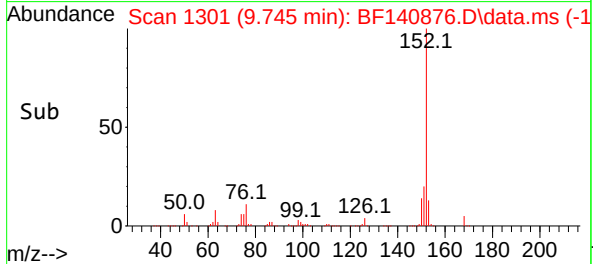
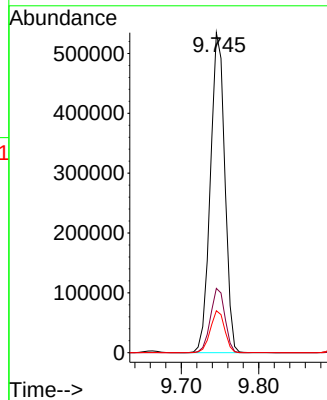
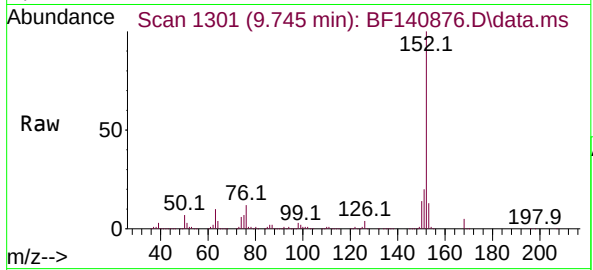
153 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#50

Dimethylphthalate

Concen: 49.749 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

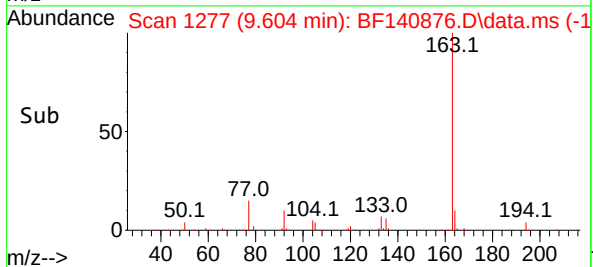
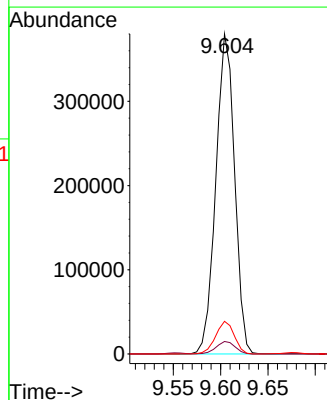
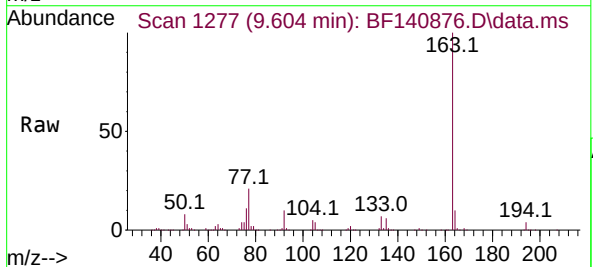
Tgt Ion:163 Resp: 524662

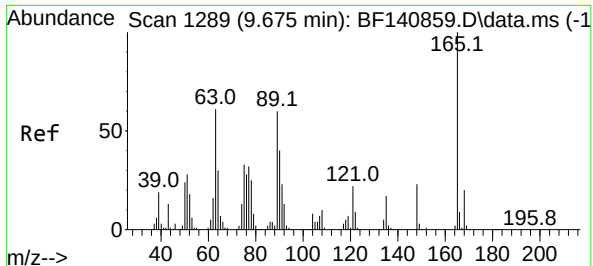
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

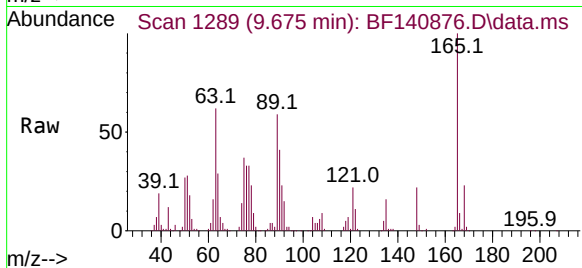
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.097 ng
RT: 9.675 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

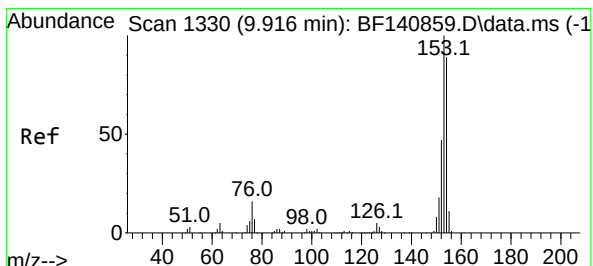
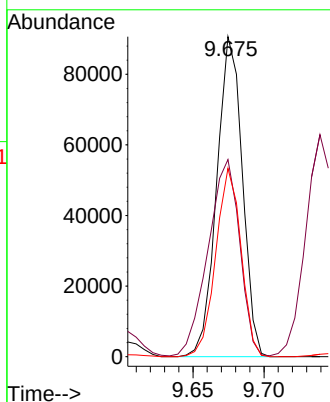
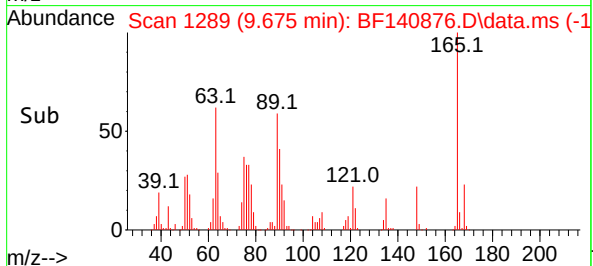
Instrument :
BNA_F
ClientSampleId :
PB165623BS



Tgt Ion:165 Resp: 11354
Ion Ratio Lower Upper
165 100
63 61.6 49.7 74.5
89 58.8 48.2 72.4

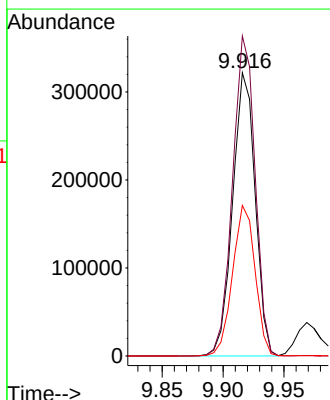
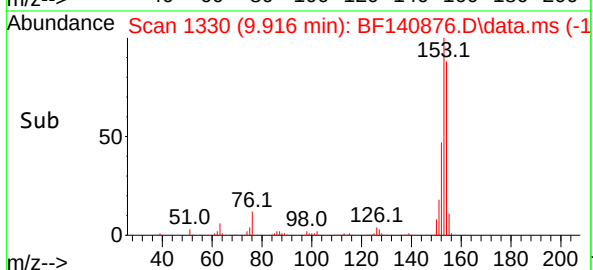
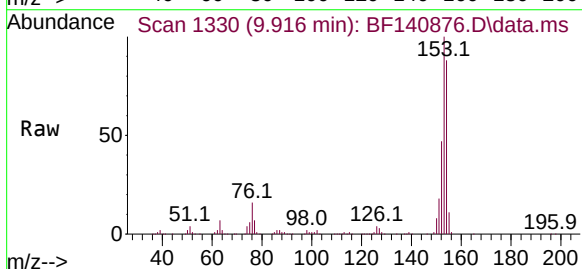
Manual Integrations
APPROVED

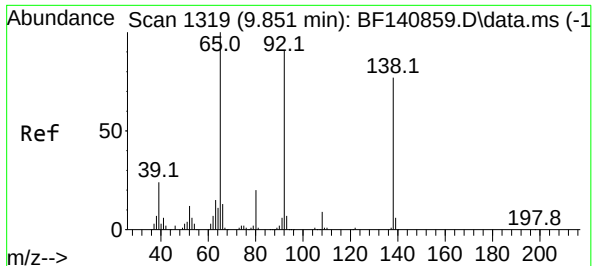
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#52
Acenaphthene
Concen: 48.523 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:154 Resp: 414491
Ion Ratio Lower Upper
154 100
153 113.0 89.9 134.9
152 53.2 42.6 63.8





#53

3-Nitroaniline

Concen: 33.371 ng

RT: 9.851 min Scan# 1319

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:138 Resp: 7984

Ion Ratio Lower Upper

138 100

108 10.7 9.0 13.4

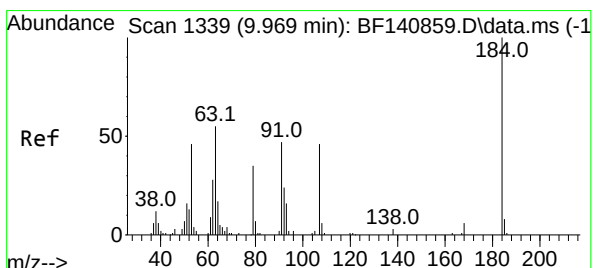
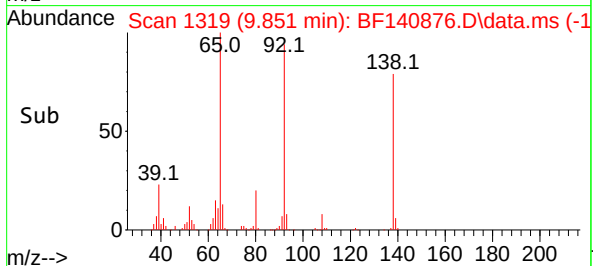
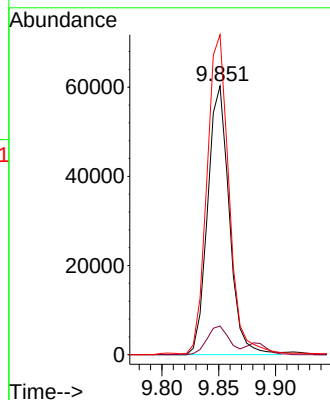
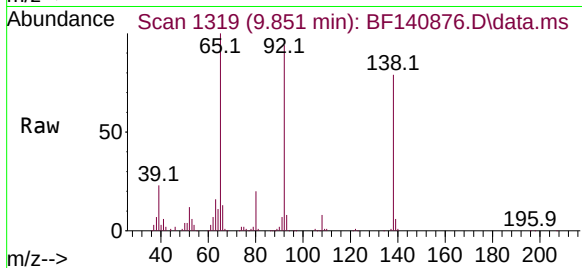
92 119.1 95.5 143.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#54

2,4-Dinitrophenol

Concen: 77.618 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

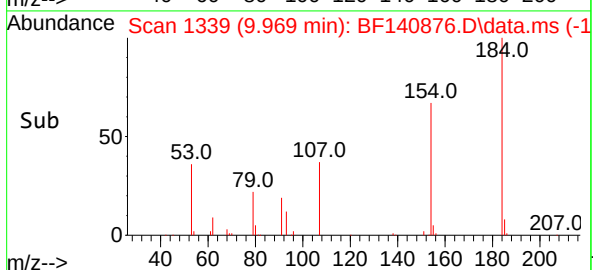
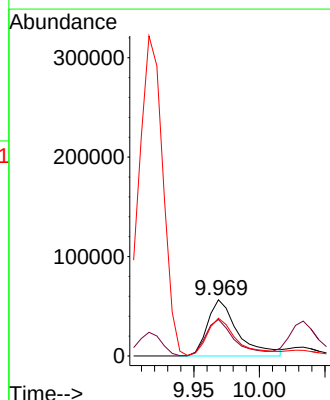
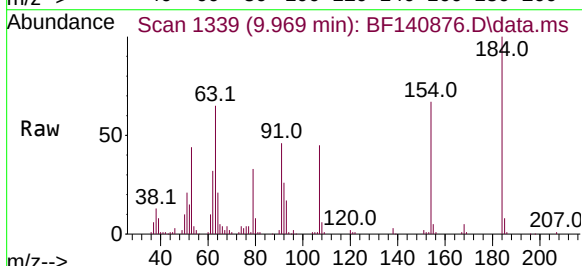
Tgt Ion:184 Resp: 91056

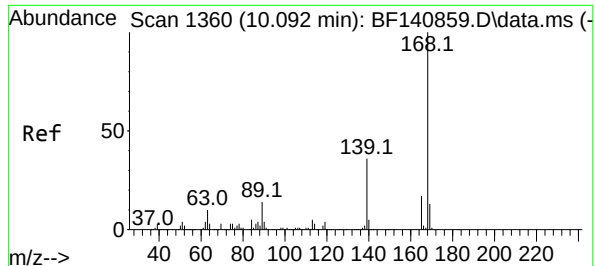
Ion Ratio Lower Upper

184 100

63 64.9 51.6 77.4

154 67.2 56.1 84.1





#55

Dibenzenofuran

Concen: 46.638 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:168 Resp: 61733

Ion Ratio Lower Upper

168 100

139 39.1 31.1 46.7

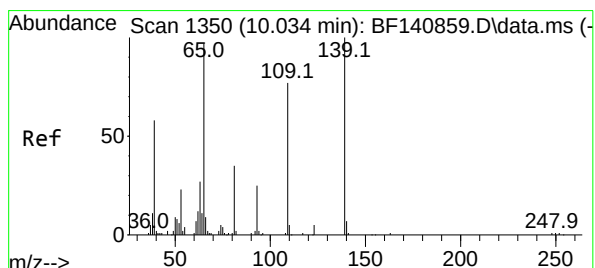
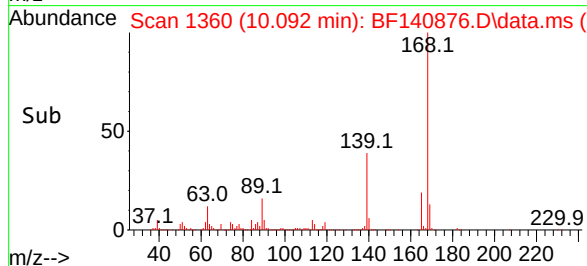
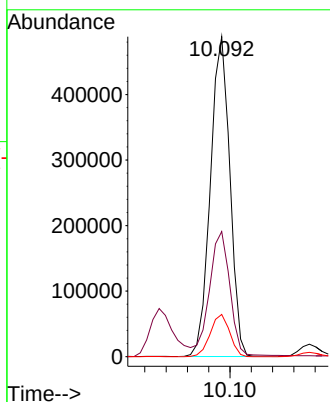
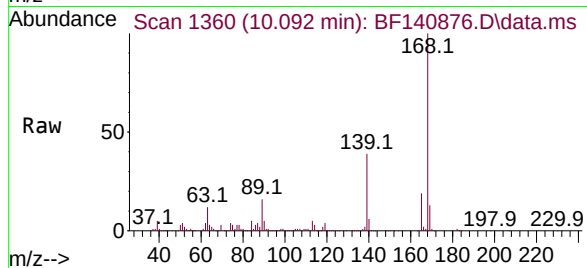
169 13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#56

4-Nitrophenol

Concen: 87.832 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.001 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

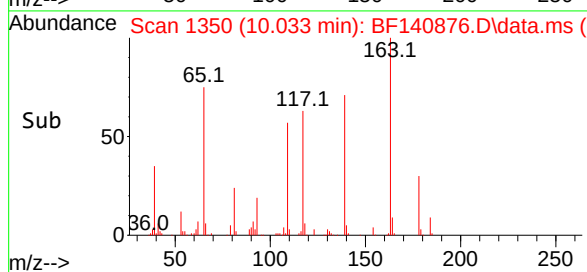
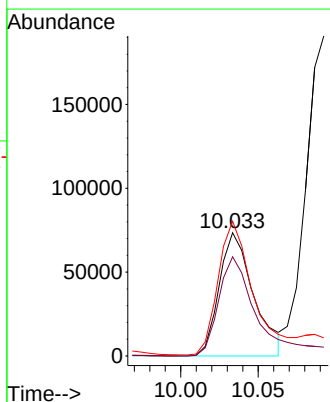
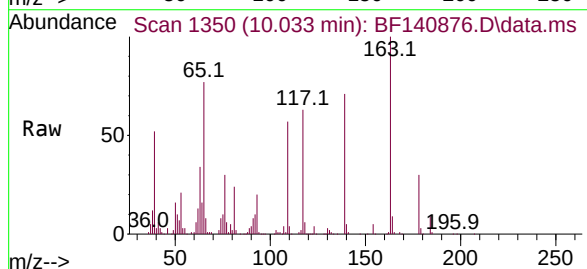
Tgt Ion:139 Resp: 113631

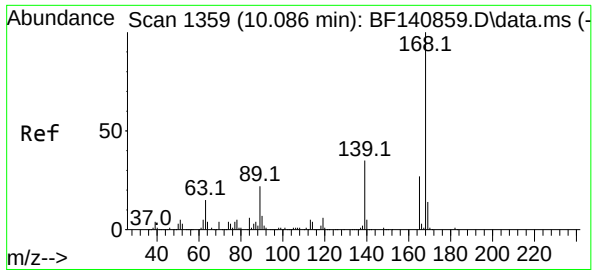
Ion Ratio Lower Upper

139 100

109 80.5 56.7 96.7

65 109.3 78.1 118.1





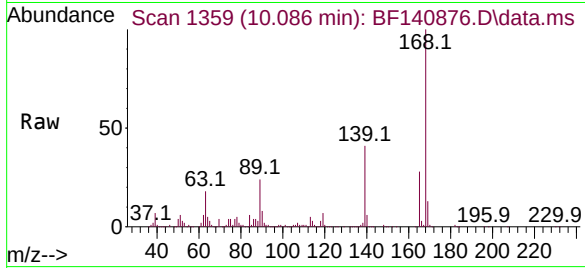
#57
2,4-Dinitrotoluene
Concen: 47.140 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

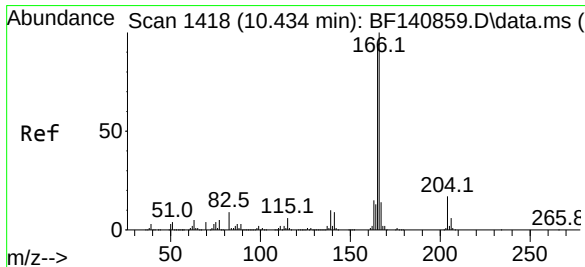
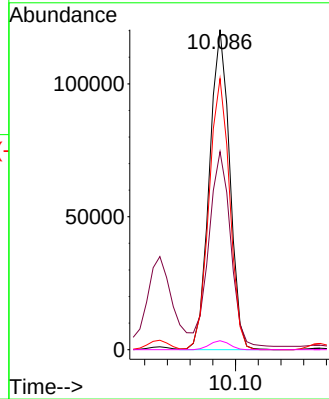
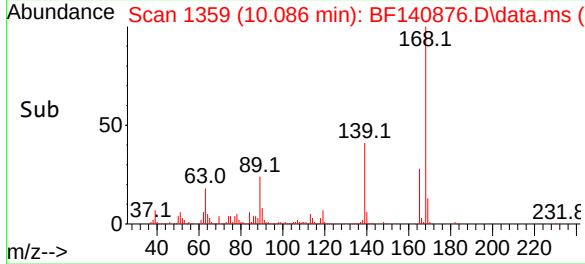


Tgt Ion:165 Resp: 149534
Ion Ratio Lower Upper
165 100
63 61.9 49.3 73.9
89 84.7 66.2 99.4
182 2.8 2.1 3.1

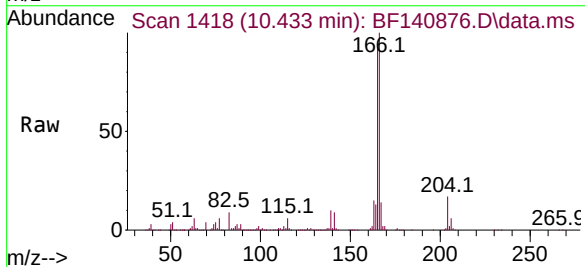
Manual Integrations

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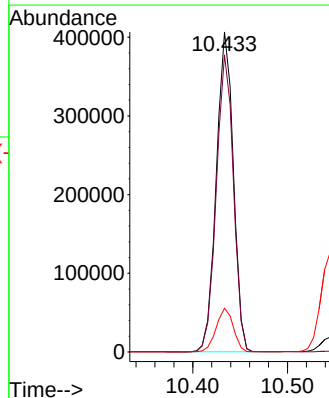
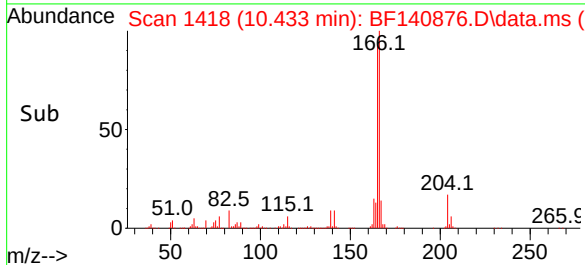
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

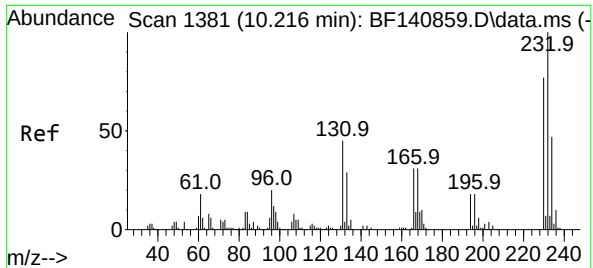


#58
Fluorene
Concen: 46.543 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



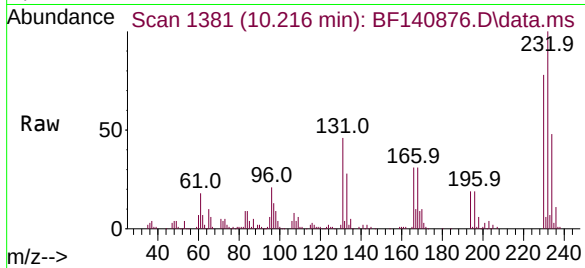
Tgt Ion:166 Resp: 508250
Ion Ratio Lower Upper
166 100
165 92.8 75.1 112.7
167 13.7 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.431 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

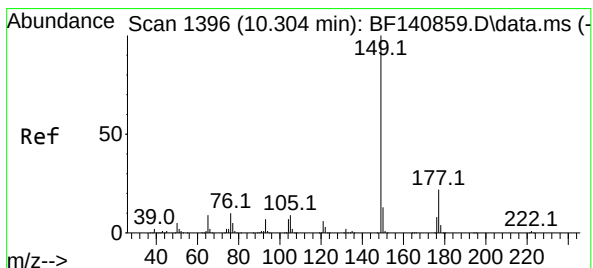
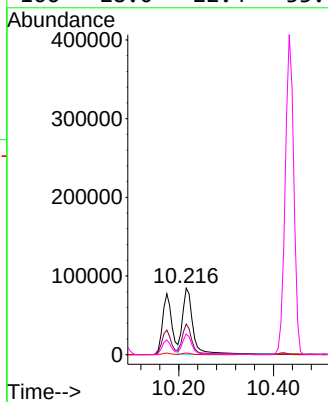
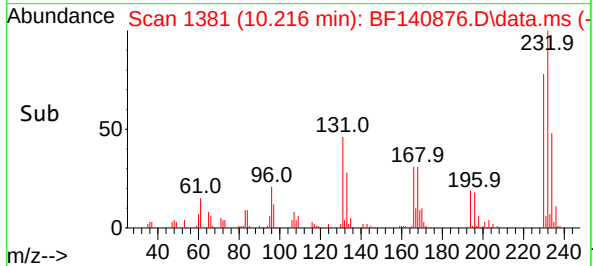
Instrument :
BNA_F
ClientSampleId :
PB165623BS



Tgt Ion:232 Resp: 127160
Ion Ratio Lower Upper
232 100
131 42.6 35.1 52.7
130 2.2 1.8 2.8
166 28.0 22.4 33.6

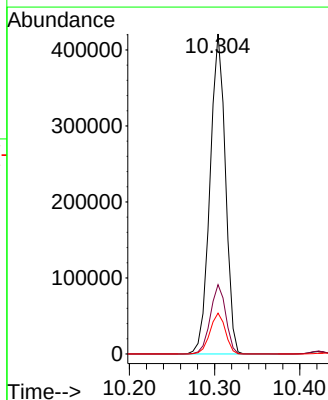
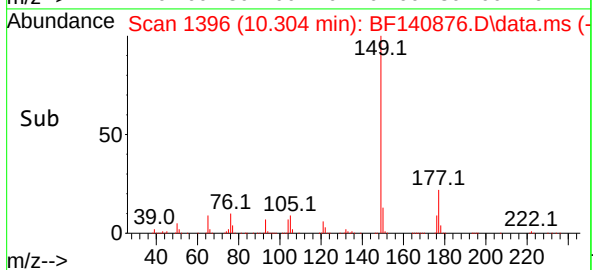
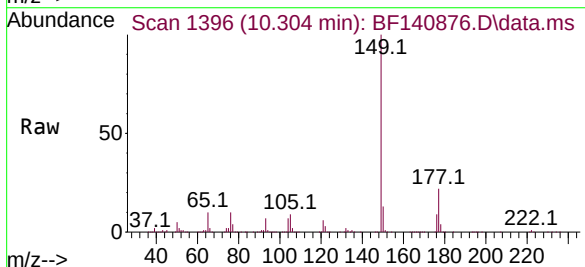
Manual Integrations
APPROVED

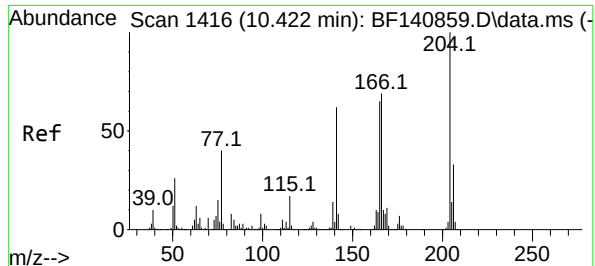
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#60
Diethylphthalate
Concen: 48.492 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

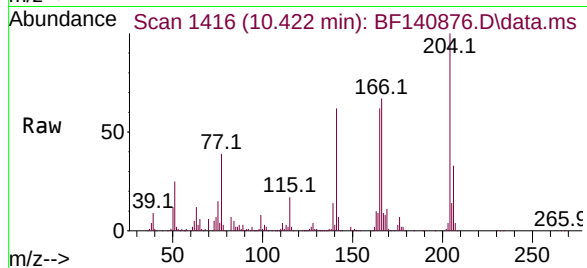
Tgt Ion:149 Resp: 530308
Ion Ratio Lower Upper
149 100
177 21.6 17.2 25.8
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.111 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

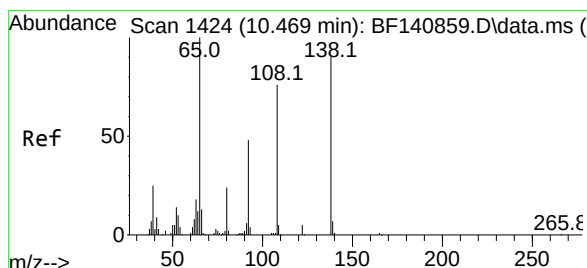
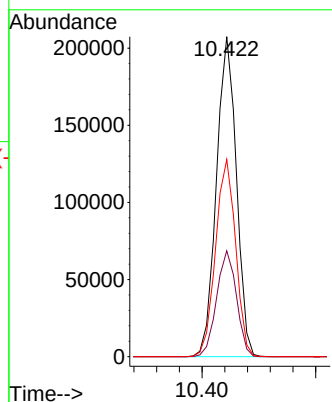
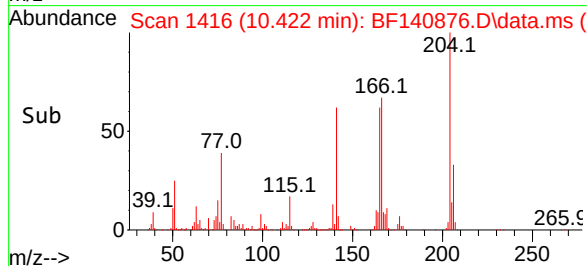
Instrument :
BNA_F
ClientSampleId :
PB165623BS



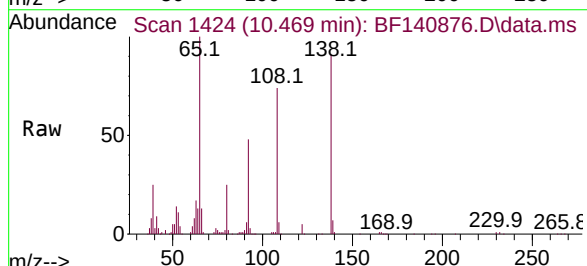
Tgt Ion:204 Resp: 252935
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 61.6 50.0 75.0

Manual Integrations
APPROVED

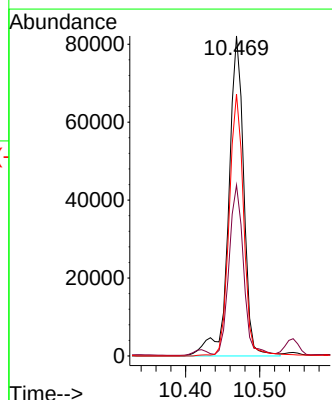
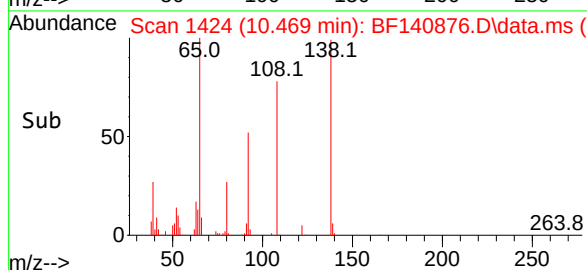
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

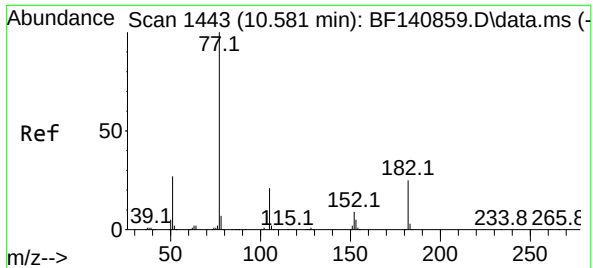


#62
4-Nitroaniline
Concen: 46.474 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



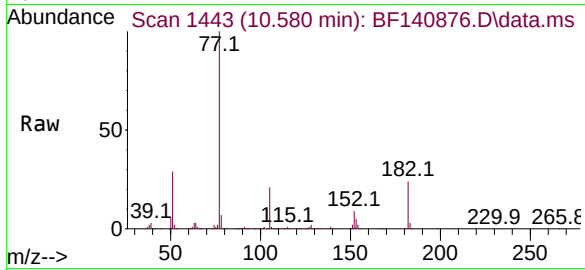
Tgt Ion:138 Resp: 116195
Ion Ratio Lower Upper
138 100
92 53.4 32.6 72.6
108 81.8 64.1 104.1





#63
Azobenzene
Concen: 47.623 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

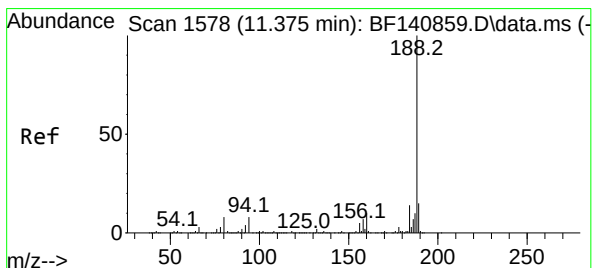
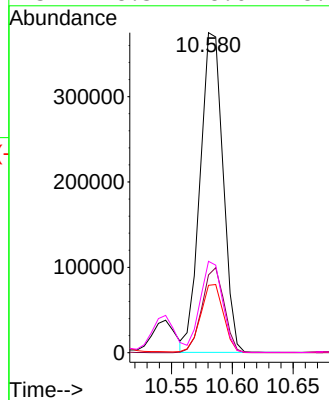
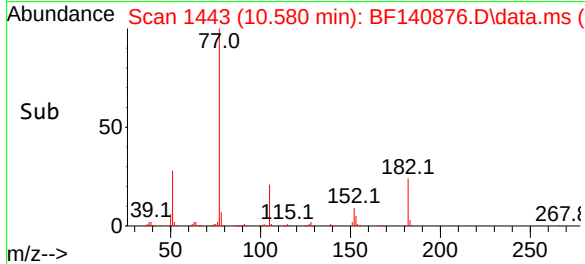
Instrument :
BNA_F
ClientSampleId :
PB165623BS



Tgt Ion: 77 Resp: 489614
Ion Ratio Lower Upper
77 100
182 24.3 4.5 44.5
105 21.0 0.9 40.9
51 28.5 8.6 48.6

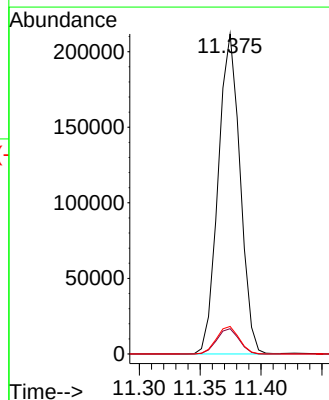
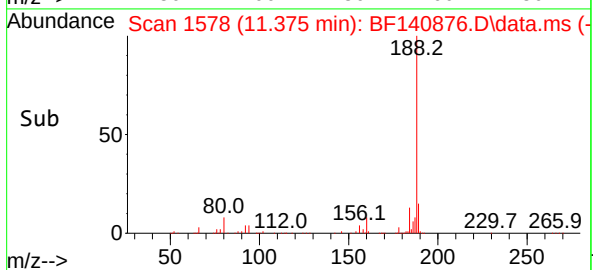
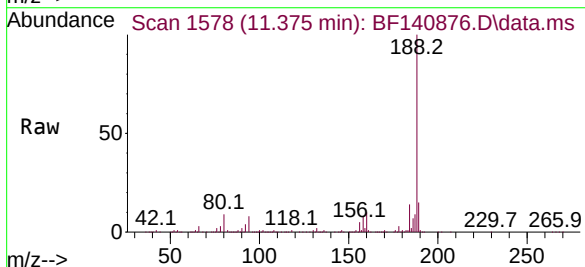
Manual Integrations
APPROVED

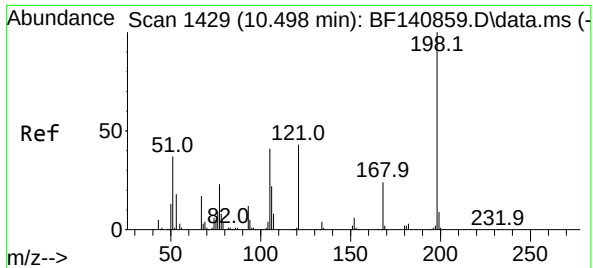
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:188 Resp: 265357
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.6 6.8 10.2





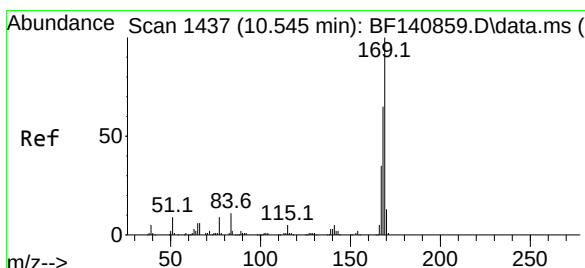
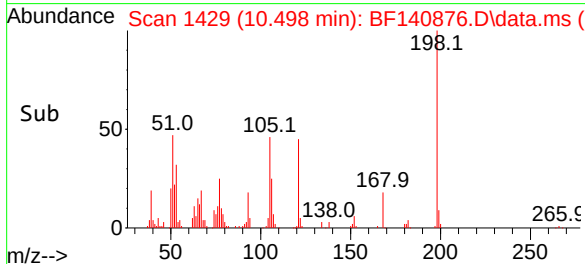
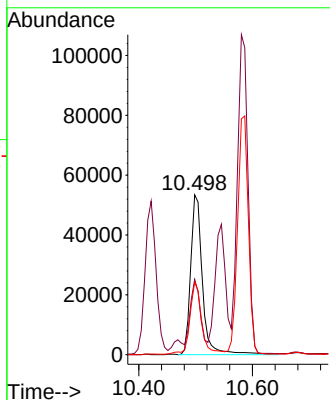
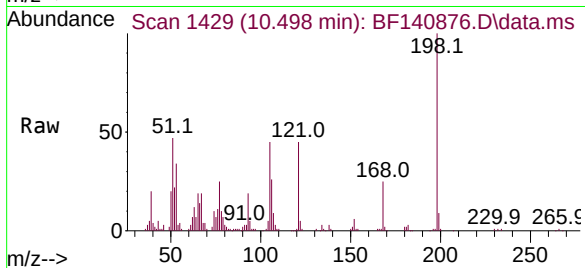
#65
4,6-Dinitro-2-methylphenol
Concen: 51.645 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB165623BS

Tgt Ion:198 Resp: 77650
Ion Ratio Lower Upper
198 100
51 47.1 24.4 64.4
105 45.2 22.1 62.1

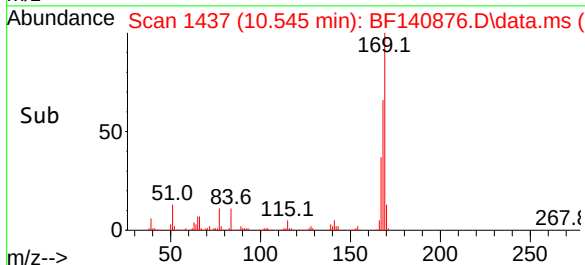
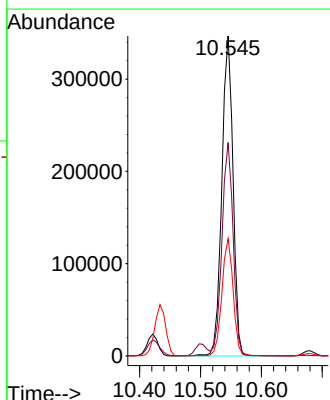
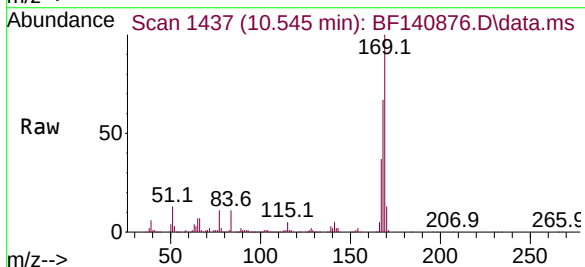
Manual Integrations
APPROVED

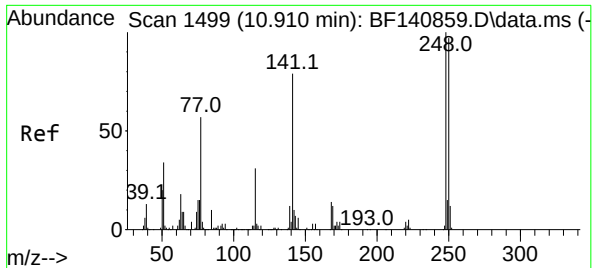
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#66
n-Nitrosodiphenylamine
Concen: 54.182 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

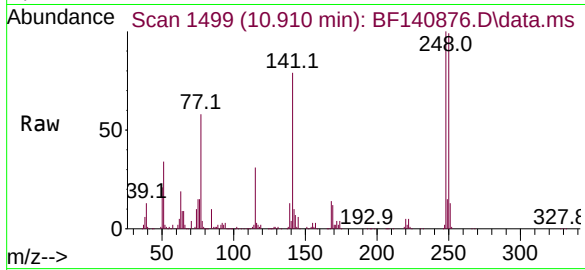
Tgt Ion:169 Resp: 442044
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 36.6 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 51.899 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

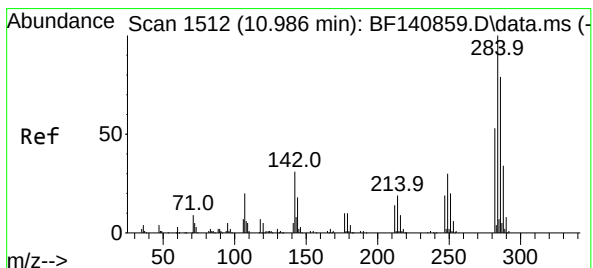
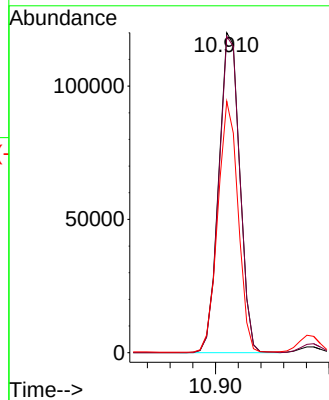
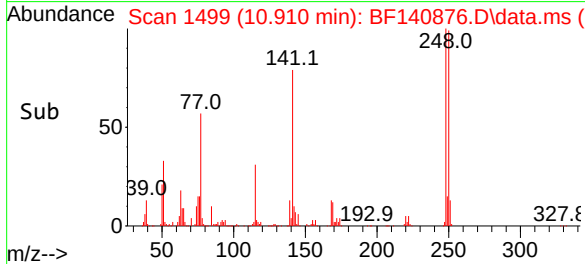
Instrument :
BNA_F
ClientSampleId :
PB165623BS



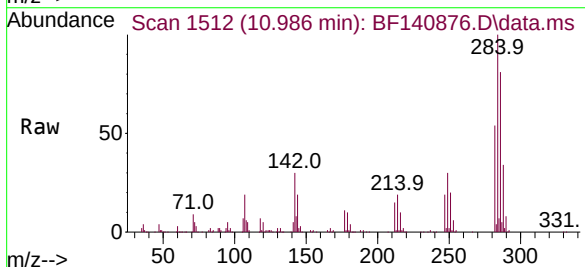
Tgt Ion:248 Resp: 15406
Ion Ratio Lower Upper
248 100
250 98.8 77.4 116.2
141 78.6 62.9 94.3

Manual Integrations
APPROVED

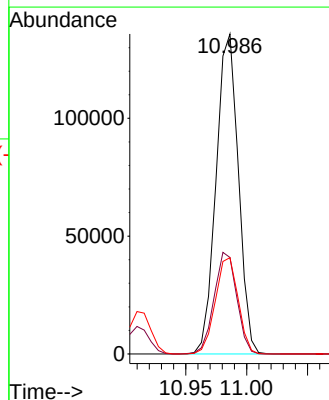
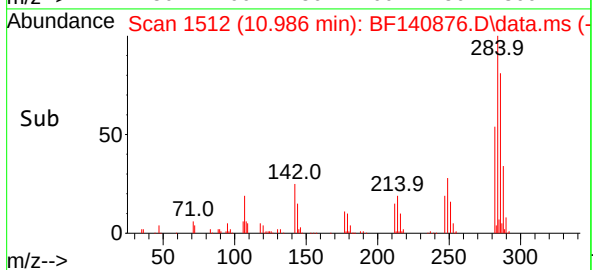
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

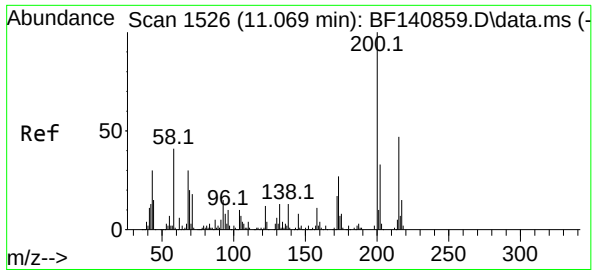


#68
Hexachlorobenzene
Concen: 51.402 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



Tgt Ion:284 Resp: 173007
Ion Ratio Lower Upper
284 100
142 30.1 24.6 36.8
249 30.1 24.3 36.5





#69

Atrazine

Concen: 61.180 ng

RT: 11.075 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:200 Resp: 13940

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

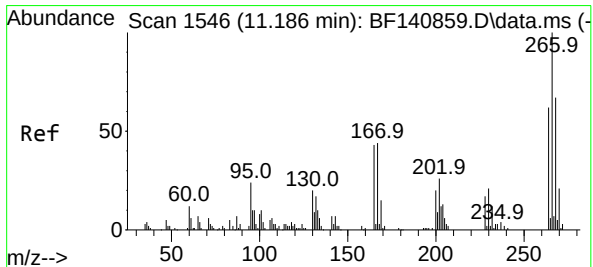
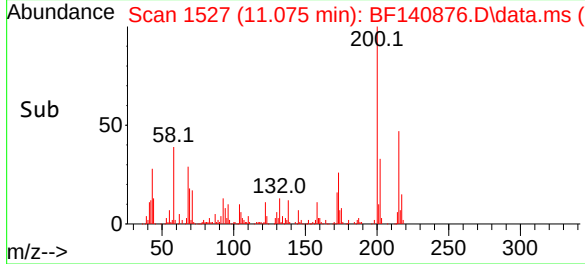
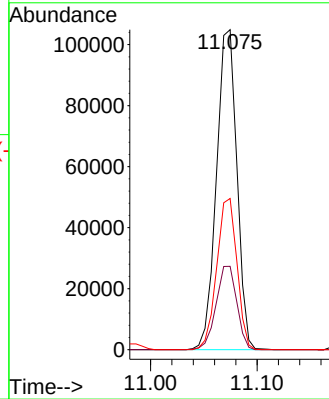
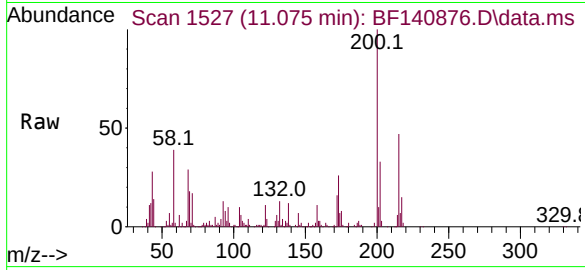
215 47.2 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#70

Pentachlorophenol

Concen: 91.995 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

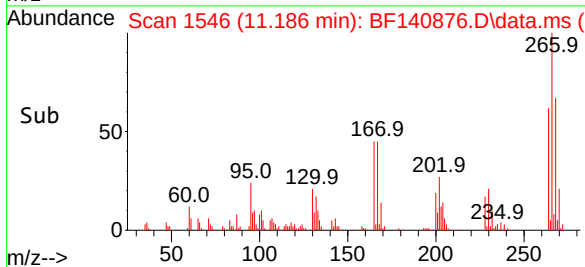
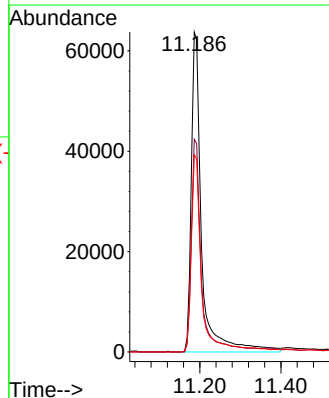
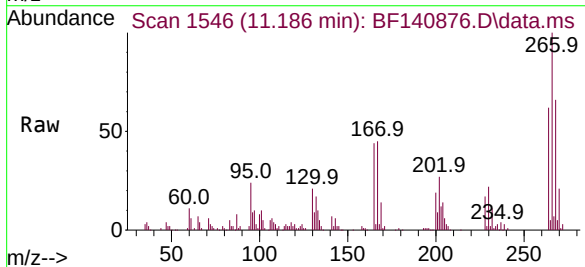
Tgt Ion:266 Resp: 113205

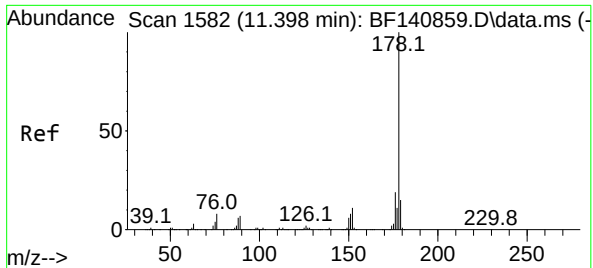
Ion Ratio Lower Upper

266 100

268 66.4 54.0 81.0

264 61.5 49.4 74.2





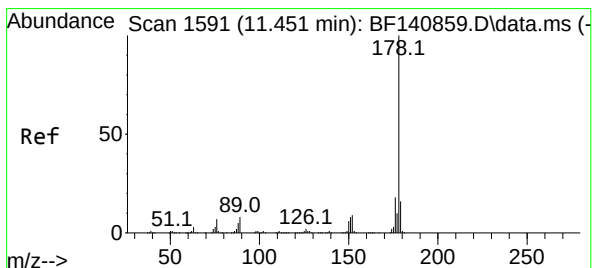
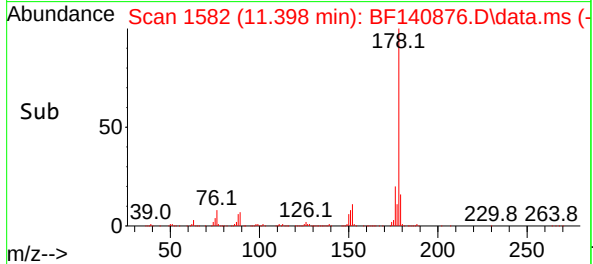
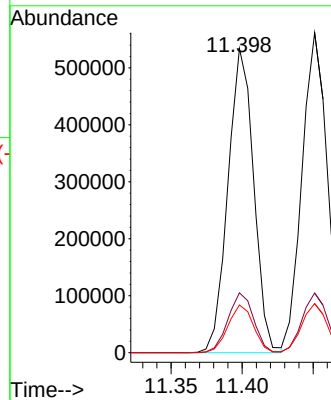
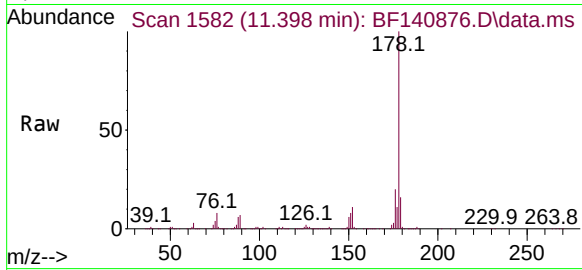
#71
Phenanthrene
Concen: 49.442 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB165623BS

Tgt Ion:178 Resp: 674680
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.7 12.1 18.1

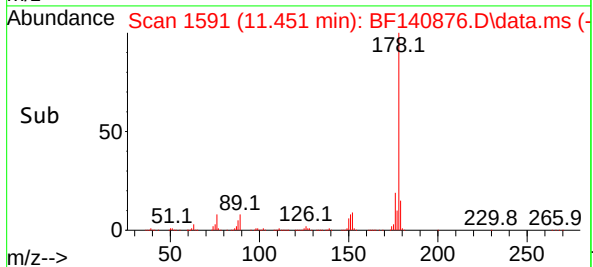
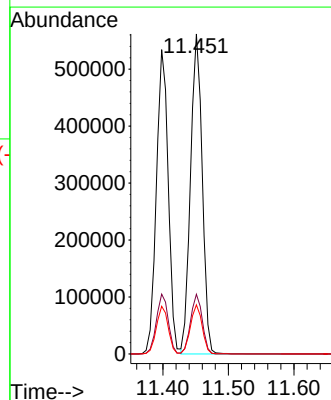
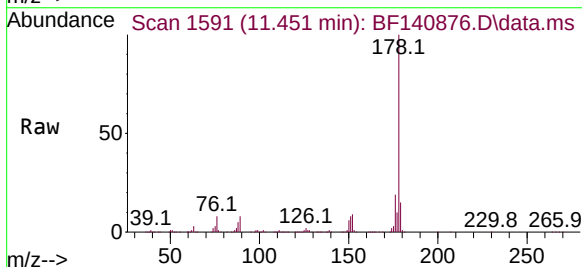
Manual Integrations
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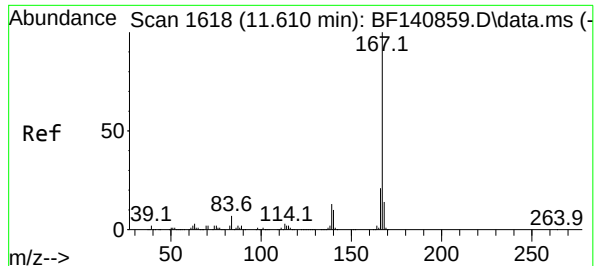
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#72
Anthracene
Concen: 51.774 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:178 Resp: 695759
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.3 12.6 18.8





#73

Carbazole

Concen: 48.369 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:167 Resp: 636670

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

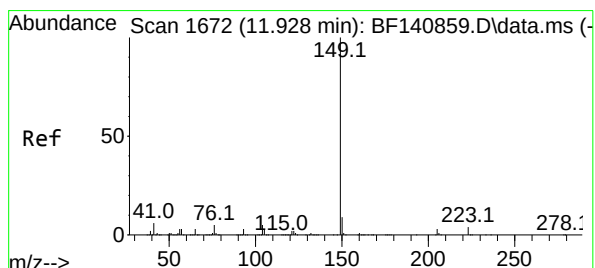
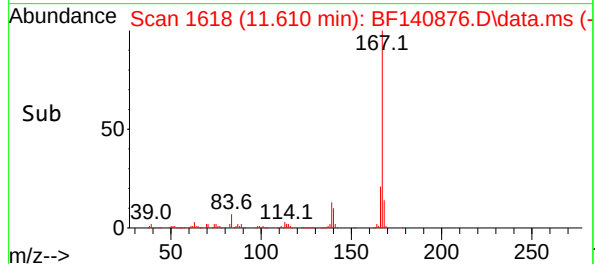
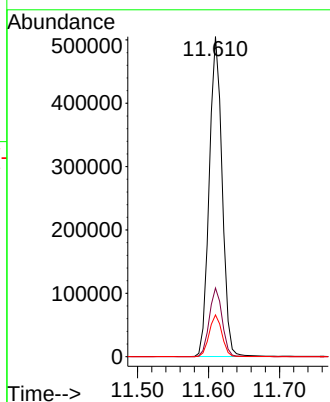
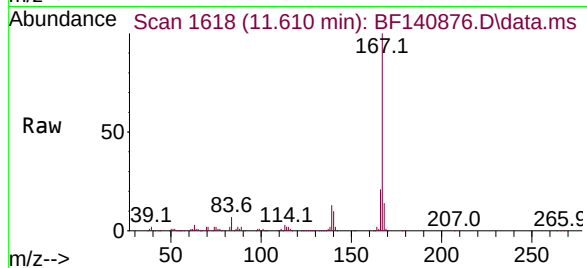
139 13.0 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#74

Di-n-butylphthalate

Concen: 53.220 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

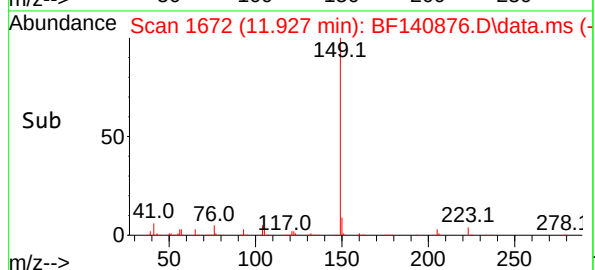
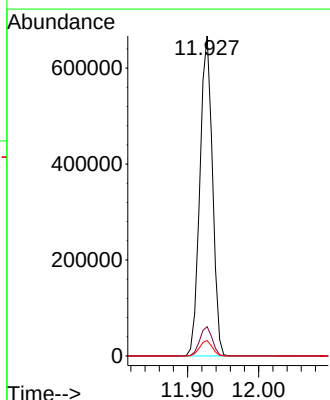
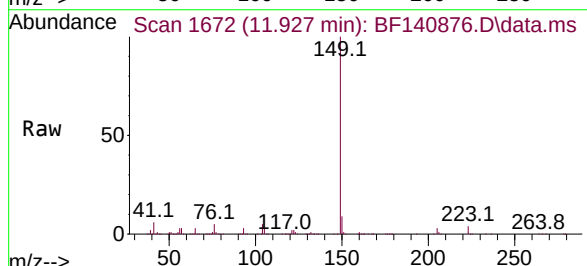
Tgt Ion:149 Resp: 822141

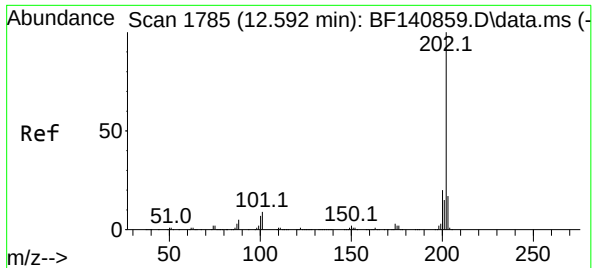
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

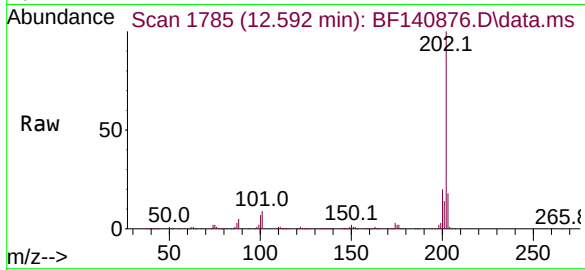
104 4.8 3.8 5.8





#75
Fluoranthene
Concen: 46.279 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

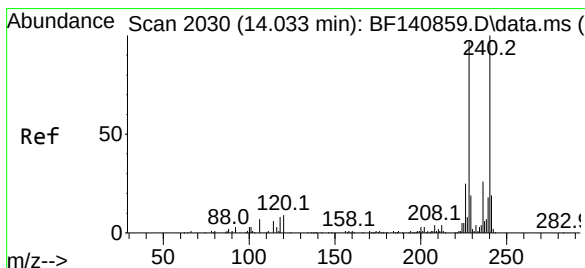
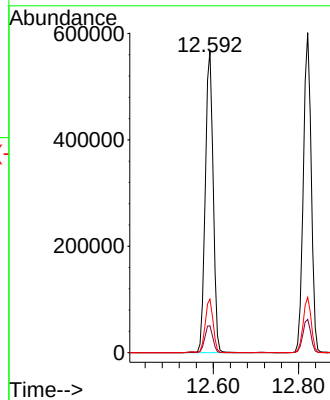
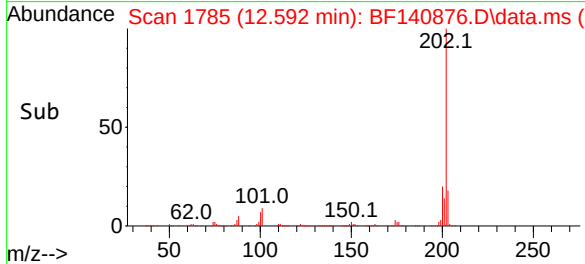
Instrument :
BNA_F
ClientSampleId :
PB165623BS



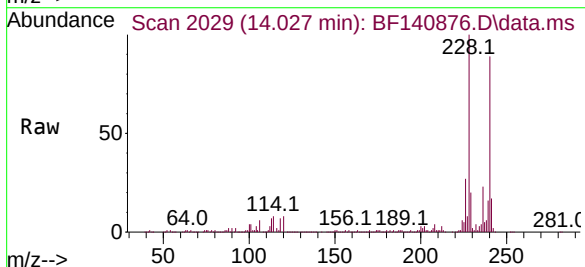
Tgt Ion:202 Resp: 72728
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.3
203 17.7 0.0 37.4

Manual Integrations
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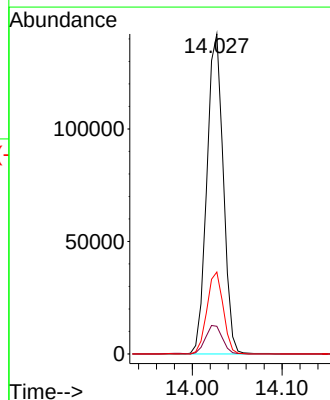
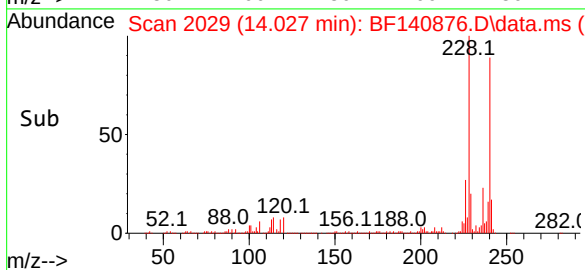
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

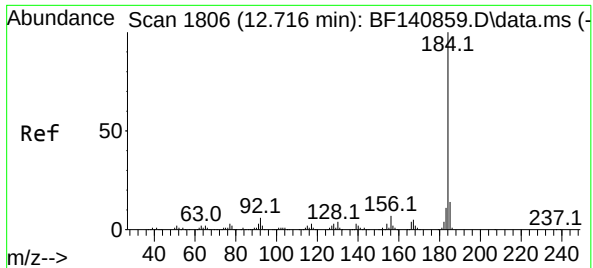


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



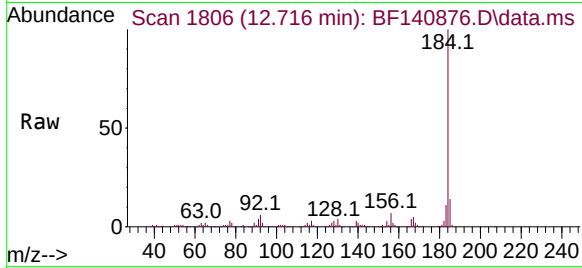
Tgt Ion:240 Resp: 180221
Ion Ratio Lower Upper
240 100
120 8.7 7.6 11.4
236 25.6 20.5 30.7





#77
Benzidine
Concen: 64.150 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

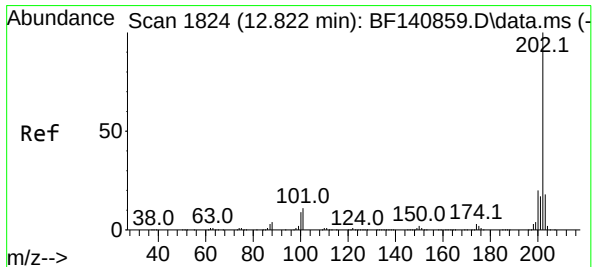
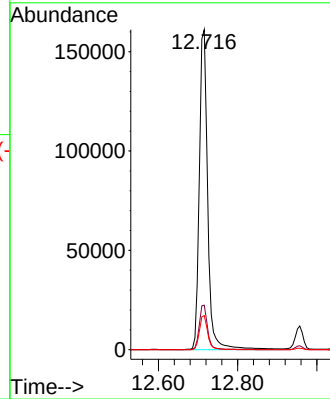
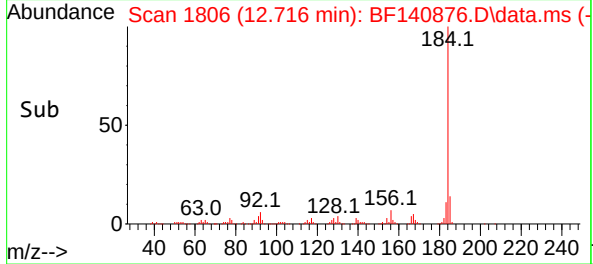
Instrument :
BNA_F
ClientSampleId :
PB165623BS



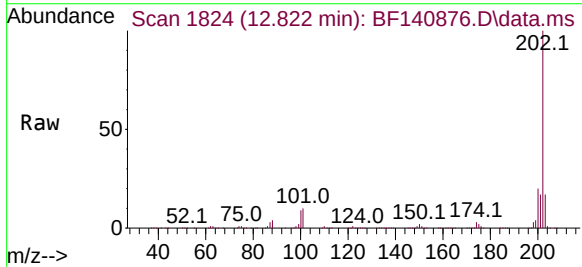
Tgt Ion:184 Resp: 235960
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 10.7 9.0 13.4

Manual Integrations
APPROVED

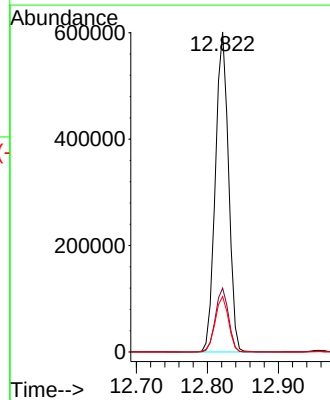
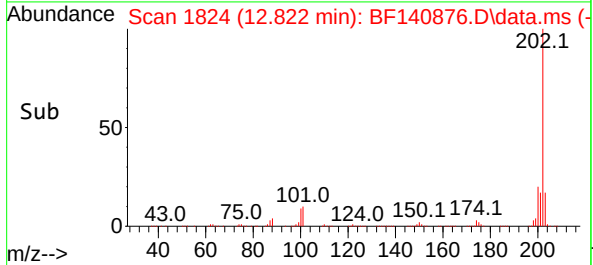
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

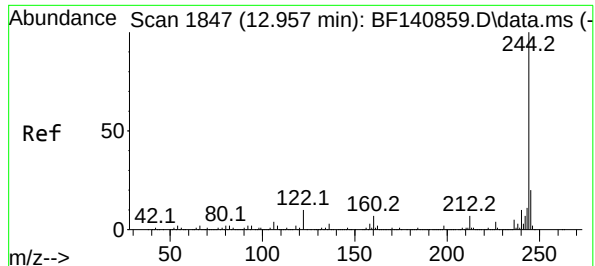


#78
Pyrene
Concen: 48.243 ng
RT: 12.822 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



Tgt Ion:202 Resp: 773155
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 98.785 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140876.D

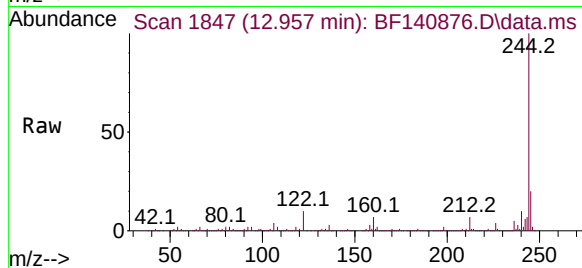
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS



Tgt Ion:244 Resp: 112902

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

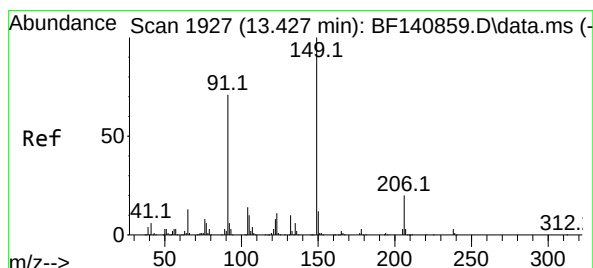
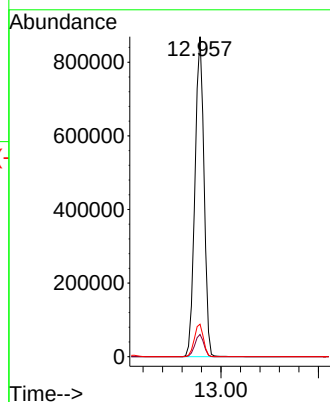
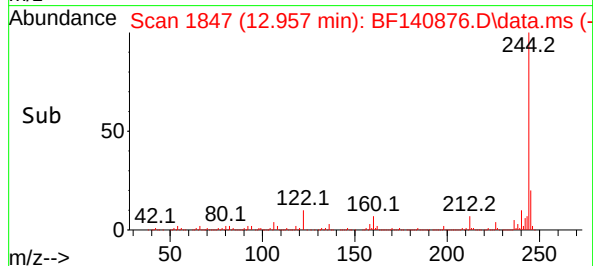
122 10.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#80

Butylbenzylphthalate

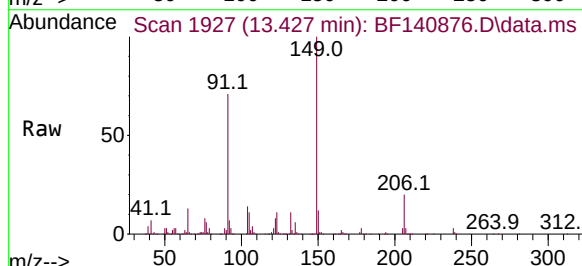
Concen: 56.106 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09



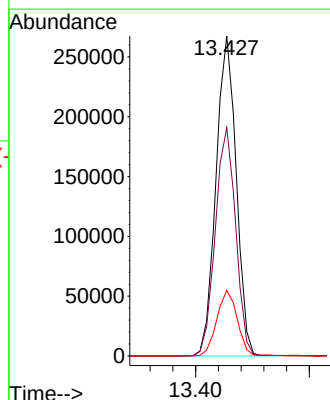
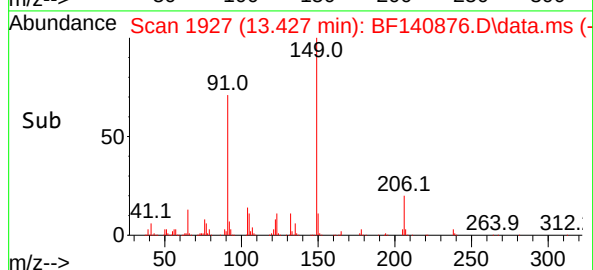
Tgt Ion:149 Resp: 330850

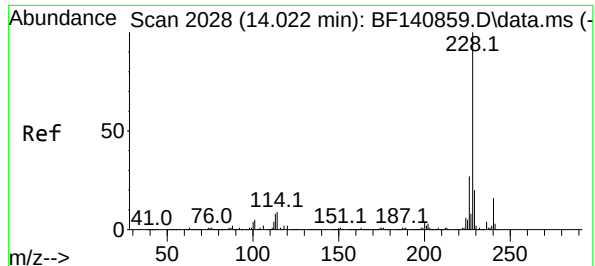
Ion Ratio Lower Upper

149 100

91 71.3 56.7 85.1

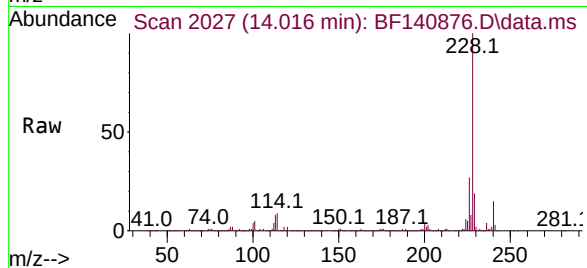
206 20.5 16.4 24.6





#81
Benzo(a)anthracene
Concen: 50.809 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

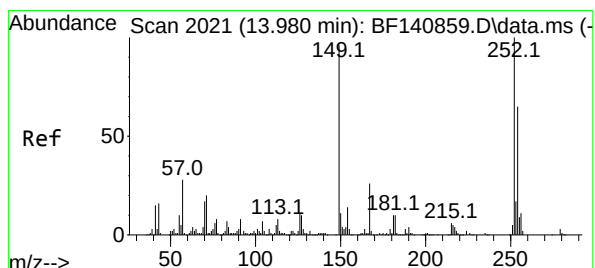
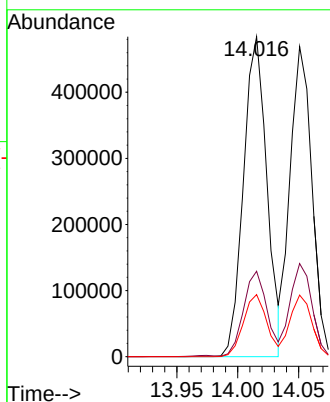
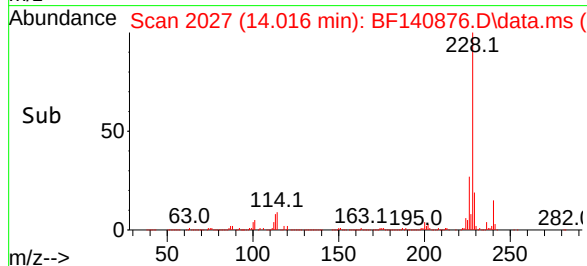
Instrument :
BNA_F
ClientSampleId :
PB165623BS



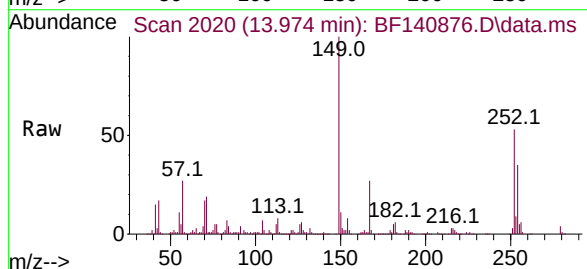
Tgt Ion:228 Resp: 648979
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.4 15.8 23.8

Manual Integrations
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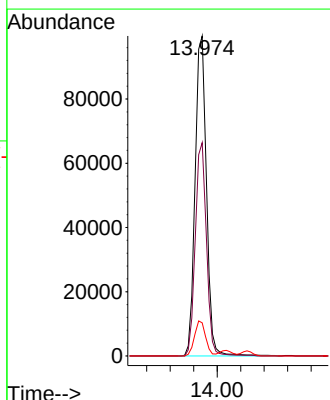
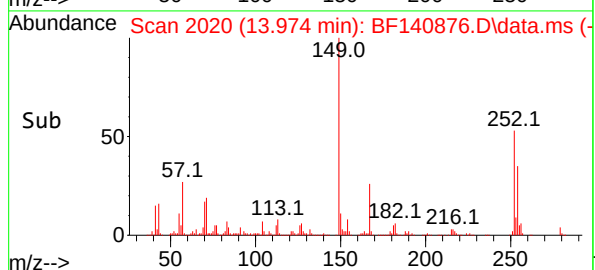
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

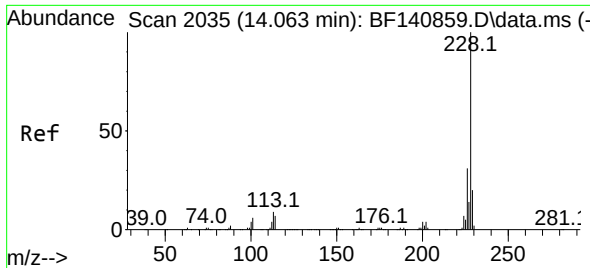


#82
3,3'-Dichlorobenzidine
Concen: 34.719 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09



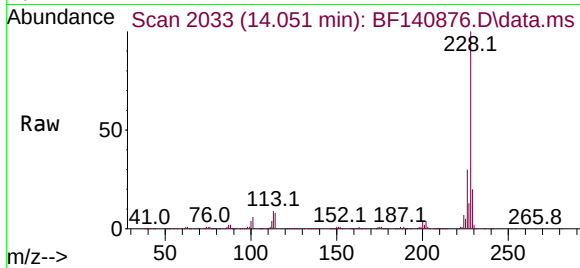
Tgt Ion:252 Resp: 133796
Ion Ratio Lower Upper
252 100
254 66.7 52.3 78.5
126 10.4 8.4 12.6





#83
Chrysene
Concen: 50.565 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

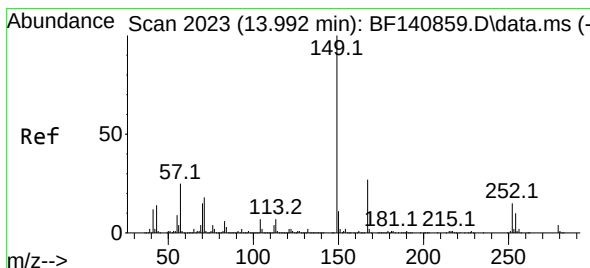
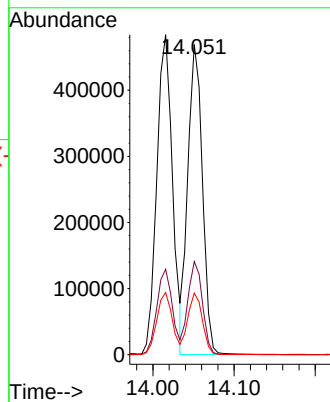
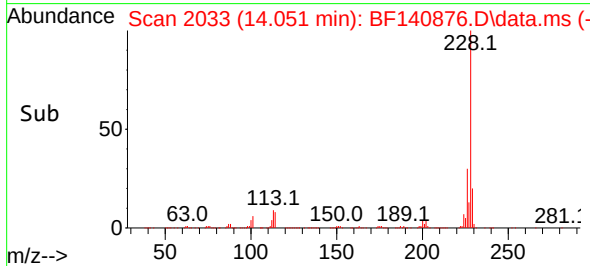
Instrument :
BNA_F
ClientSampleId :
PB165623BS



Tgt Ion:228 Resp: 587309
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.9 16.0 24.0

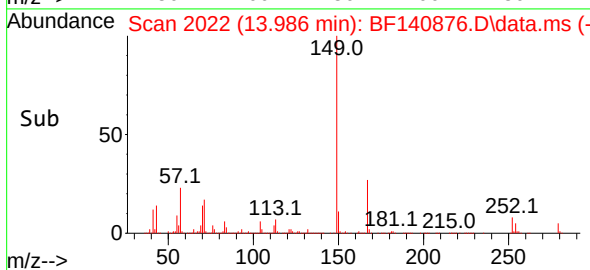
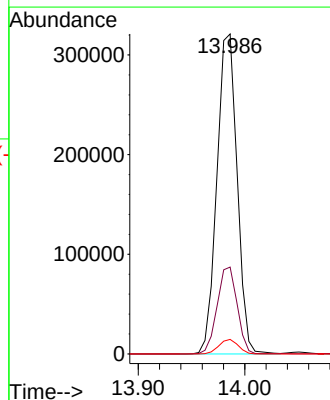
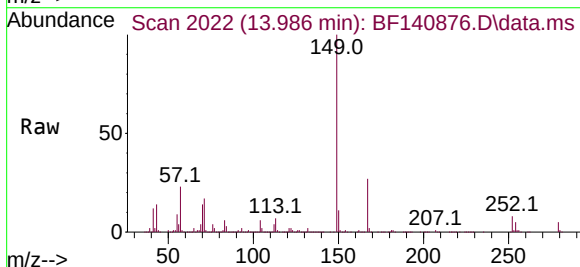
Manual Integrations
APPROVED

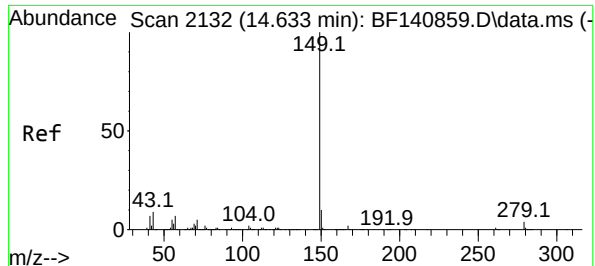
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.541 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

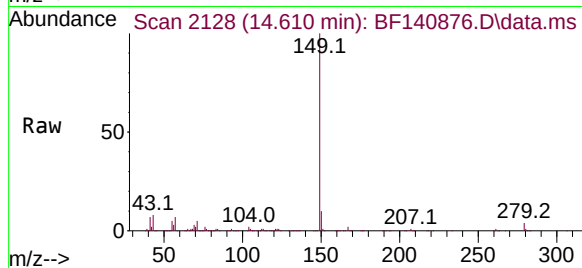
Tgt Ion:149 Resp: 422311
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.8
279 4.6 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 59.478 ng
RT: 14.610 min Scan# 2132
Delta R.T. -0.024 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

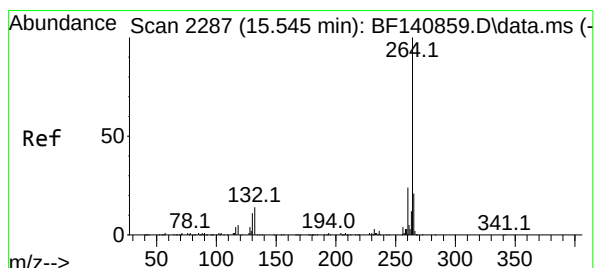
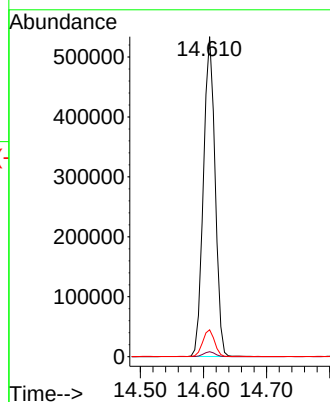
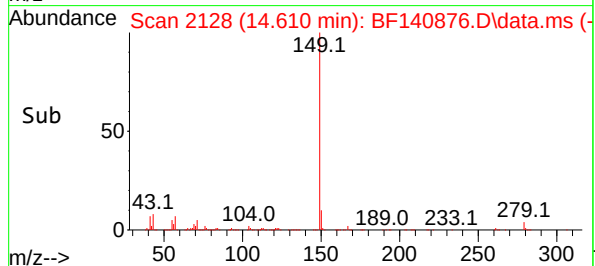
Instrument :
BNA_F
ClientSampleId :
PB165623BS



Tgt Ion:149 Resp: 684204
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 7.0 10.6

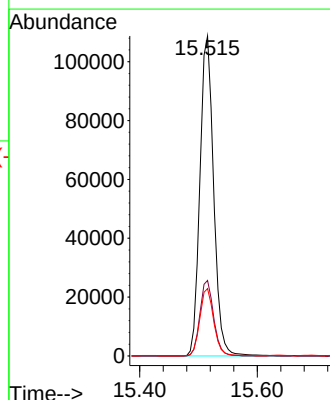
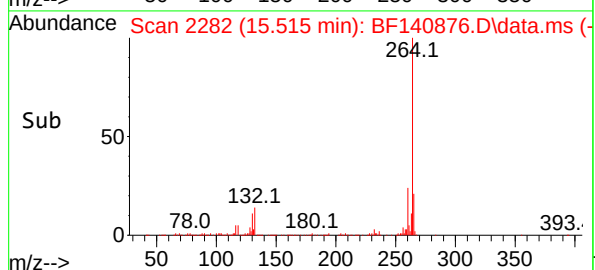
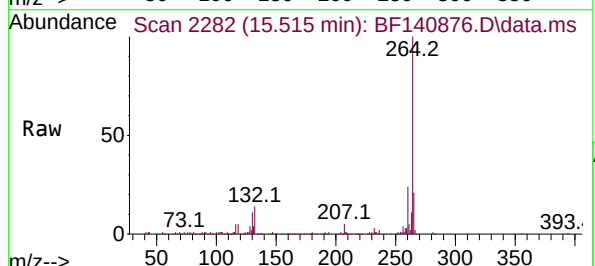
Manual Integrations
APPROVED

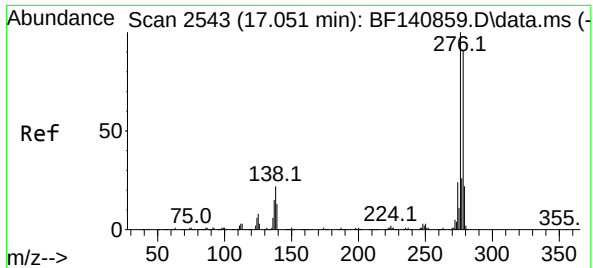
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.029 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:264 Resp: 176281
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.887 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:276 Resp: 581794

Ion Ratio Lower Upper

276 100

138 20.8 16.9 25.3

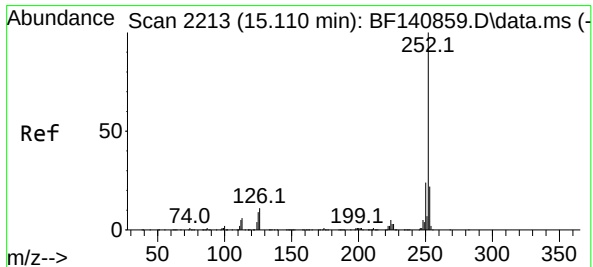
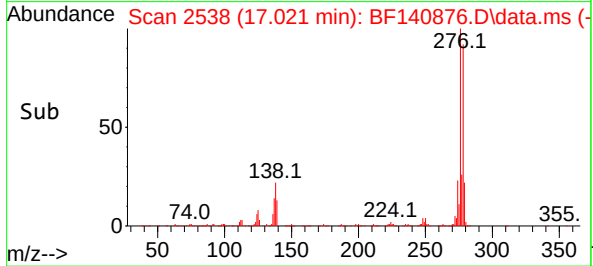
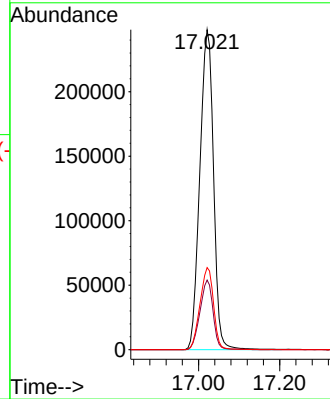
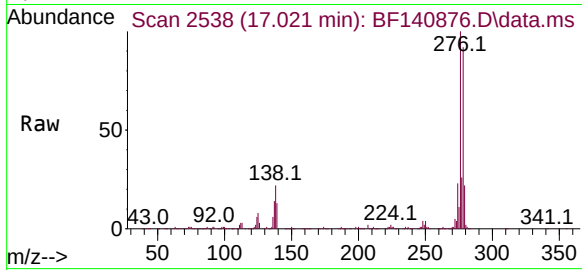
277 25.4 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#88

Benzo(b)fluoranthene

Concen: 52.953 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.030 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

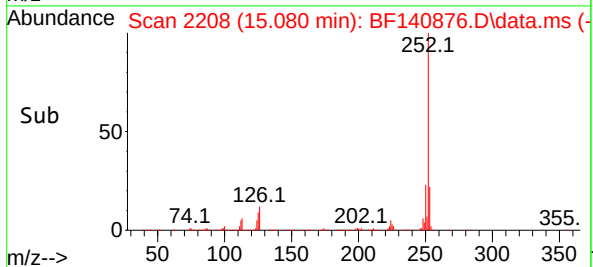
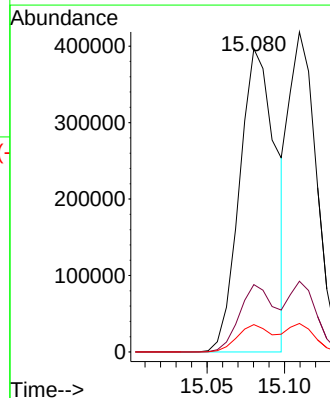
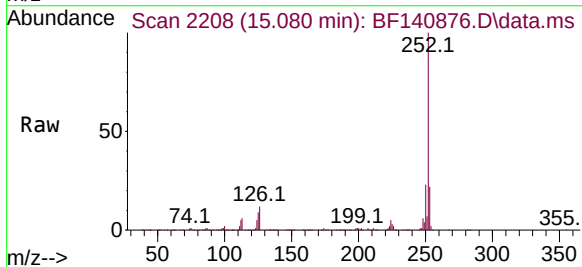
Tgt Ion:252 Resp: 647956

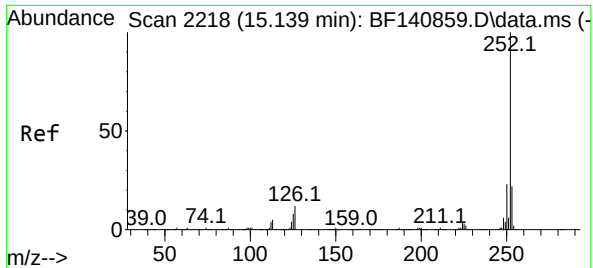
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 9.0 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 49.335 ng

RT: 15.110 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB165623BS

Tgt Ion:252 Resp: 51784

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

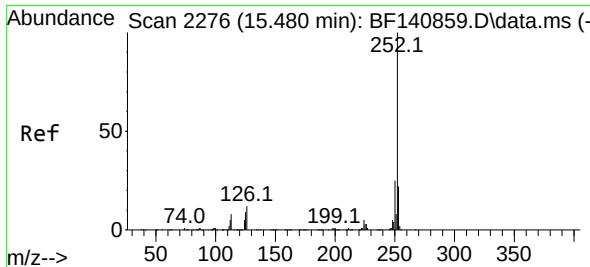
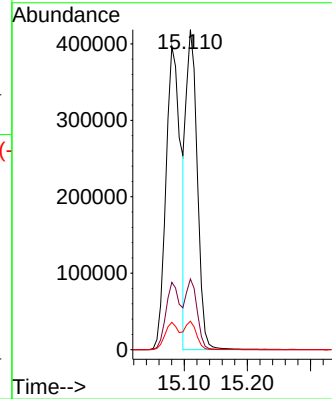
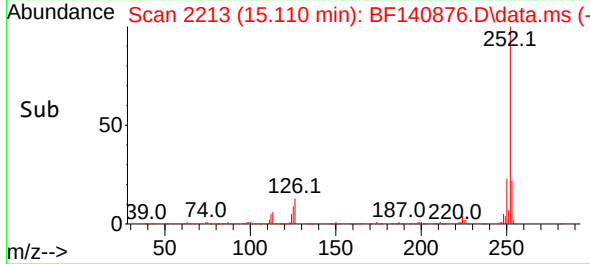
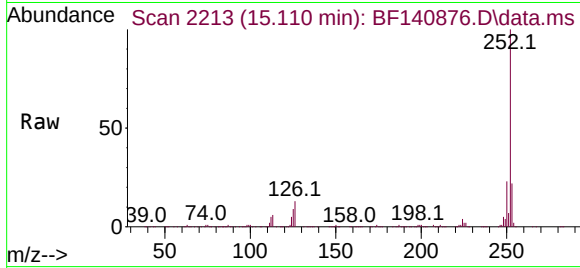
125 8.9 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#90

Benzo(a)pyrene

Concen: 52.766 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.029 min

Lab File: BF140876.D

Acq: 17 Dec 2024 11:09

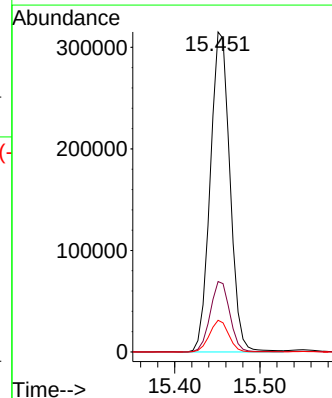
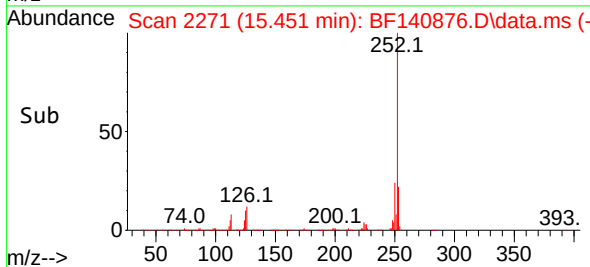
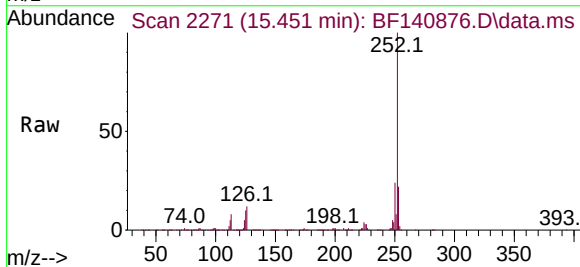
Tgt Ion:252 Resp: 505583

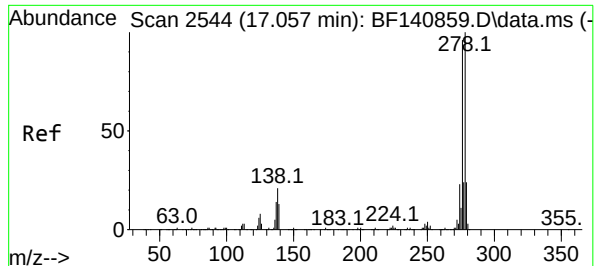
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.9 7.5 11.3





#91
Dibenzo(a,h)anthracene
Concen: 52.651 ng
RT: 17.027 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Instrument :

BNA_F

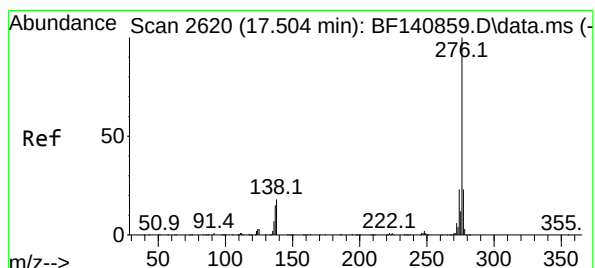
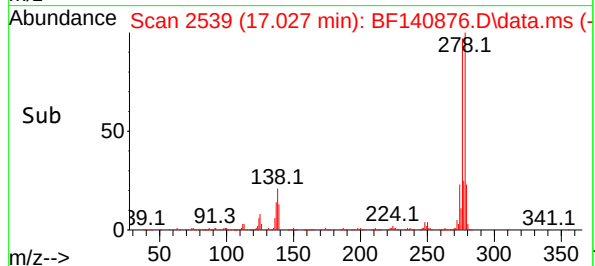
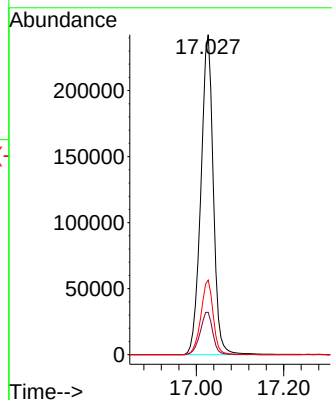
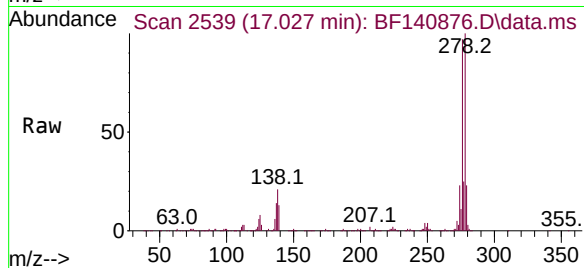
ClientSampleId :

PB165623BS

Tgt Ion:278 Resp: 479834
Ion Ratio Lower Upper
278 100
139 13.3 10.6 16.0
279 23.3 19.2 28.8

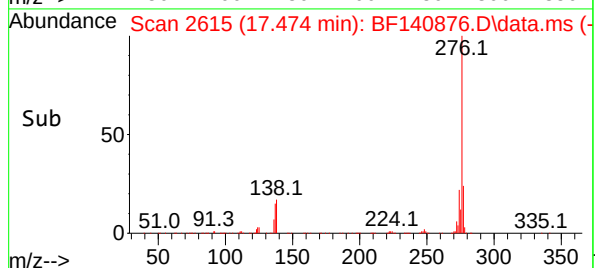
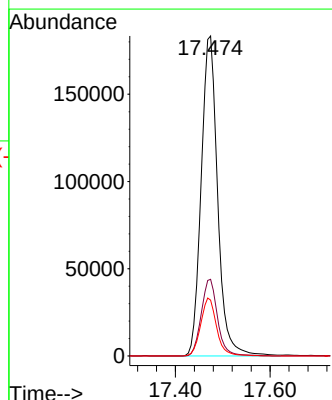
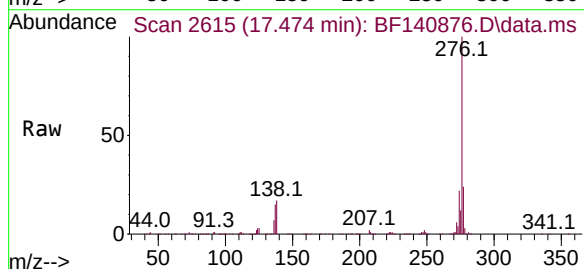
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#92
Benzo(g,h,i)perylene
Concen: 47.693 ng
RT: 17.474 min Scan# 2615
Delta R.T. -0.029 min
Lab File: BF140876.D
Acq: 17 Dec 2024 11:09

Tgt Ion:276 Resp: 442370
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 17.5 14.2 21.2



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165623BSD	SDG No.:	P5270
Lab Sample ID:	PB165623BSD	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
BF140877.D	1	12/13/24 11:40	12/17/24 11:35	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	20.3		4.00	10.0	ug/L
108-95-2	Phenol	51.9		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	51.8		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	53.2		0.71	5.00	ug/L
95-48-7	2-Methylphenol	51.2		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	52.4		1.40	5.00	ug/L
98-86-2	Acetophenone	53.4		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	51.4		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	51.2		1.50	2.50	ug/L
67-72-1	Hexachloroethane	49.1		1.00	5.00	ug/L
98-95-3	Nitrobenzene	50.3		1.30	5.00	ug/L
78-59-1	Isophorone	54.1		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	53.5		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	63.6		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	52.1		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	53.0		0.88	5.00	ug/L
91-20-3	Naphthalene	50.5		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	26.4		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	49.0		1.30	5.00	ug/L
105-60-2	Caprolactam	52.5		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	51.8		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	50.5		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	80.0	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	51.9		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	49.2		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	52.8		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	51.4		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	53.5		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	54.2		0.93	5.00	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165623BSD	SDG No.:	P5270
Lab Sample ID:	PB165623BSD	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
BF140877.D	1	12/13/24 11:40	12/17/24 11:35	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	55.3		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	50.9		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	34.2		1.40	5.00	ug/L
83-32-9	Acenaphthene	52.4		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	87.1	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	91.5	E	2.00	10.0	ug/L
132-64-9	Dibenzofuran	51.6		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	50.5		1.50	5.00	ug/L
84-66-2	Diethylphthalate	52.1		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	51.2		0.98	5.00	ug/L
86-73-7	Fluorene	50.8		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	48.7		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.0		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	57.5		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	53.3		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	53.0		1.10	5.00	ug/L
1912-24-9	Atrazine	68.0		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	99.2	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	54.6		0.89	5.00	ug/L
120-12-7	Anthracene	56.4		1.10	5.00	ug/L
86-74-8	Carbazole	51.7		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	54.4		1.50	5.00	ug/L
206-44-0	Fluoranthene	51.0		1.30	5.00	ug/L
129-00-0	Pyrene	52.9		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	56.3		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	37.6		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	54.9		0.94	5.00	ug/L
218-01-9	Chrysene	52.6		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	61.2		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	62.4		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	54.0		1.10	5.00	ug/L

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165623BSD	SDG No.:	P5270
Lab Sample ID:	PB165623BSD	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
BF140877.D	1	12/13/24 11:40	12/17/24 11:35	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	52.4		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	59.0		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	64.0		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	62.6		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	55.9		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	53.7		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	42.3		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	55.0		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	155		10 - 139	103%	SPK: 150
13127-88-3	Phenol-d6	146		10 - 134	97%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		49 - 133	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	104		52 - 132	104%	SPK: 100
118-79-6	2,4,6-Tribromophenol	148		44 - 137	99%	SPK: 150
1718-51-0	Terphenyl-d14	110		48 - 125	110%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	54500	6.845			
1146-65-2	Naphthalene-d8	198000	8.128			
15067-26-2	Acenaphthene-d10	109000	9.886			
1517-22-2	Phenanthrene-d10	199000	11.375			
1719-03-5	Chrysene-d12	130000	14.021			
1520-96-3	Perylene-d12	121000	15.51			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140877.D
 Acq On : 17 Dec 2024 11:35
 Operator : RC/JU
 Sample : PB165623BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165623BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 12:21:04 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	54481	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	198425	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	109384	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	199182	20.000	ng	0.00
76) Chrysene-d12	14.021	240	129993	20.000	ng	-0.01
86) Perylene-d12	15.510	264	121005	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	513395	155.126	ng	0.01
7) Phenol-d6	6.498	99	638811	145.731	ng	0.00
23) Nitrobenzene-d5	7.416	82	409532	103.260	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	191455	147.990	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	824652	103.651	ng	0.00
79) Terphenyl-d14	12.957	244	908361	110.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	60294	42.296	ng	99
3) Pyridine	3.475	79	154539	46.811	ng	98
4) n-Nitrosodimethylamine	3.416	42	89052	53.508	ng	97
6) Aniline	6.516	93	178729	47.687	ng	90
8) 2-Chlorophenol	6.645	128	191822	53.150	ng	99
9) Benzaldehyde	6.410	77	49197	20.255	ng	99
10) Phenol	6.516	94	235623	51.863	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	175492	51.796	ng	99
12) 1,3-Dichlorobenzene	6.787	146	203243	49.421	ng	98
13) 1,4-Dichlorobenzene	6.863	146	205302	49.181	ng	99
14) 1,2-Dichlorobenzene	7.016	146	190480	48.363	ng	96
15) Benzyl Alcohol	6.998	79	169658	54.131	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	208951	52.352	ng	85
17) 2-Methylphenol	7.116	107	147597	51.224	ng	98
18) Hexachloroethane	7.351	117	76364	49.139	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	134673	51.217	ng	99
20) 3+4-Methylphenols	7.269	107	196232	51.359	ng	96
22) Acetophenone	7.263	105	264952	53.378	ng	99
24) Nitrobenzene	7.434	77	204296	50.281	ng	99
25) Isophorone	7.675	82	359511	54.100	ng	99
26) 2-Nitrophenol	7.751	139	100033	53.456	ng	100
27) 2,4-Dimethylphenol	7.792	122	138972	63.591	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	216344	52.125	ng	98
29) 2,4-Dichlorophenol	7.998	162	159967	53.019	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	168638	48.757	ng	100
31) Naphthalene	8.151	128	550091	50.468	ng	100
32) Benzoic acid	7.939	122	92691	44.721	ng	98
33) 4-Chloroaniline	8.204	127	95690	26.433	ng	99
34) Hexachlorobutadiene	8.263	225	114140	49.049	ng	98
35) Caprolactam	8.581	113	47168m	52.512	ng	
36) 4-Chloro-3-methylphenol	8.698	107	175809	51.771	ng	98
37) 2-Methylnaphthalene	8.839	142	364035	50.489	ng	100
38) 1-Methylnaphthalene	8.939	142	335559	47.058	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	180385	53.653	ng	100
41) Hexachlorocyclopentadiene	8.992	237	96805	80.007	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	106870	51.912	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140877.D
 Acq On : 17 Dec 2024 11:35
 Operator : RC/JU
 Sample : PB165623BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165623BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 12:21:04 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	111401	49.233	ng	99
46) 1,1'-Biphenyl	9.304	154	459523	52.831	ng	99
47) 2-Chloronaphthalene	9.334	162	341689	51.350	ng	99
48) 2-Nitroaniline	9.434	65	107544	53.514	ng	98
49) Acenaphthylene	9.745	152	541139	55.339	ng	100
50) Dimethylphthalate	9.604	163	418300	54.241	ng	100
51) 2,6-Dinitrotoluene	9.675	165	89652	50.852	ng	98
52) Acenaphthene	9.916	154	327255	52.391	ng	99
53) 3-Nitroaniline	9.851	138	59883	34.227	ng	97
54) 2,4-Dinitrophenol	9.969	184	75484	87.117	ng	97
55) Dibenzofuran	10.092	168	499515	51.607	ng	100
56) 4-Nitrophenol	10.033	139	86755	91.508	ng	88
57) 2,4-Dinitrotoluene	10.086	165	117235	50.541	ng	95
58) Fluorene	10.433	166	405527	50.784	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	101397	54.993	ng	97
60) Diethylphthalate	10.304	149	416676	52.105	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	205286	51.179	ng	99
62) 4-Nitroaniline	10.469	138	88966	48.661	ng	98
63) Azobenzene	10.581	77	381354	50.725	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	59871	53.046	ng	99
66) n-Nitrosodiphenylamine	10.545	169	352140	57.502	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	118840	53.332	ng	98
68) Hexachlorobenzene	10.986	284	133965	53.026	ng	99
69) Atrazine	11.075	200	116225	67.954	ng	99
70) Pentachlorophenol	11.186	266	91604	99.173	ng	98
71) Phenanthrene	11.398	178	559598	54.633	ng	99
72) Anthracene	11.451	178	568637	56.373	ng	99
73) Carbazole	11.610	167	510463	51.665	ng	100
74) Di-n-butylphthalate	11.927	149	630897	54.409	ng	100
75) Fluoranthene	12.592	202	602142	51.045	ng	99
77) Benzidine	12.716	184	168731	63.598	ng	100
78) Pyrene	12.822	202	611888	52.933	ng	99
80) Butylbenzylphthalate	13.427	149	239628	56.338	ng	99
81) Benzo(a)anthracene	14.016	228	506153	54.939	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	104545	37.611	ng	98
83) Chrysene	14.051	228	440952	52.634	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	335787	61.225	ng	99
85) Di-n-octyl phthalate	14.604	149	517690	62.392	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	483120	63.979	ng	98
88) Benzo(b)fluoranthene	15.074	252	453696	54.014	ng	100
89) Benzo(k)fluoranthene	15.104	252	377629	52.411	ng	99
90) Benzo(a)pyrene	15.445	252	387987	58.990	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	391475	62.578	ng	99
92) Benzo(g,h,i)perylene	17.462	276	355912	55.900	ng	99

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

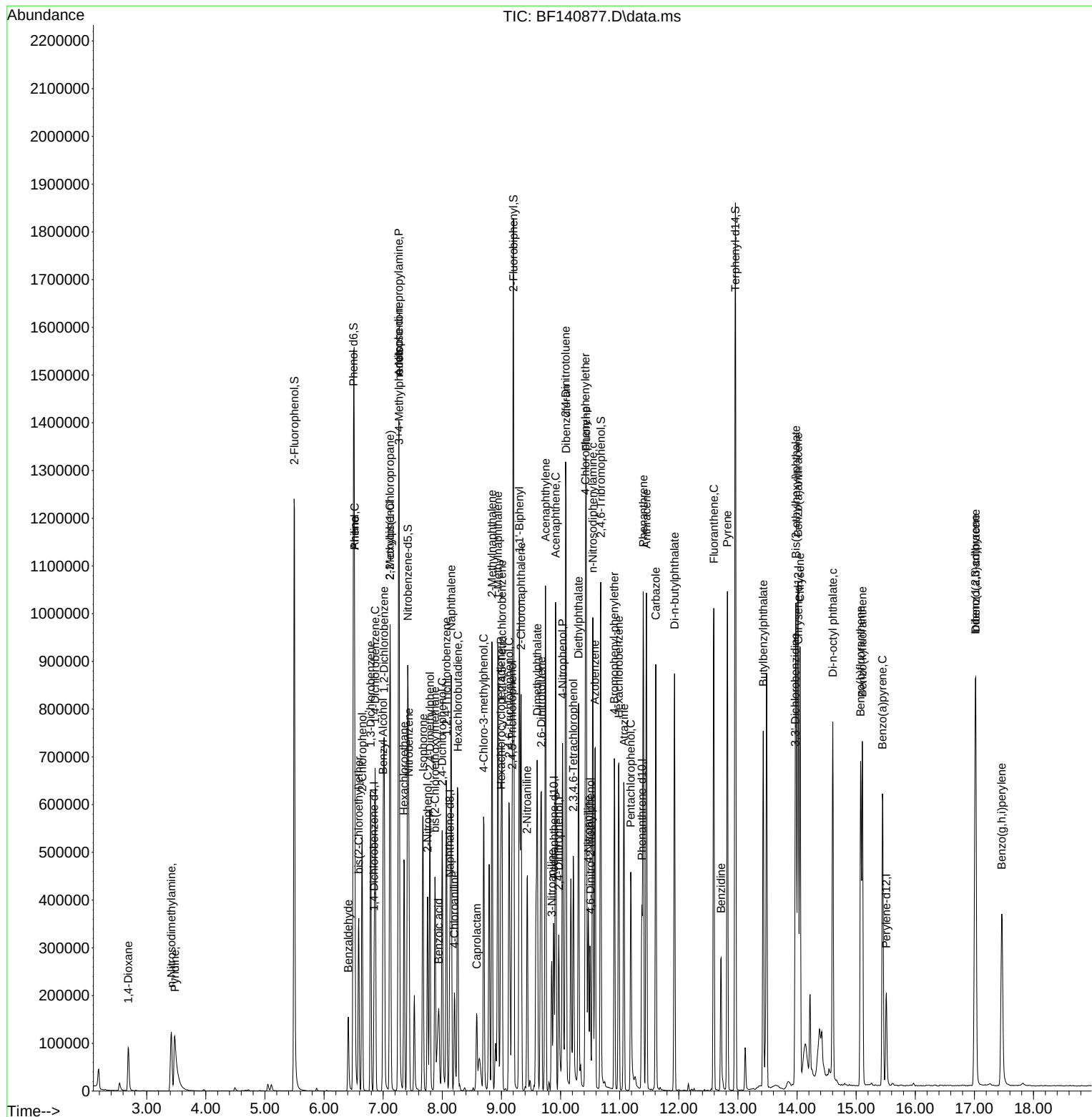
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Data File : BF140877.D
Acq On    : 17 Dec 2024  11:35
Operator  : RC/JU
Sample    : PB165623BSD
Misc      :
ALS Vial  : 7   Sample Multiplier: 1
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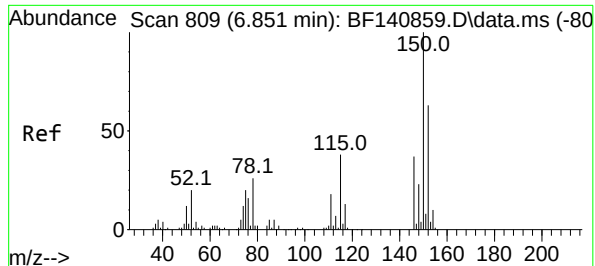
Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Manual Integrations

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

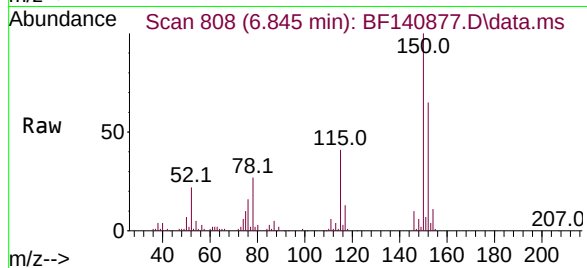
Quant Time: Dec 17 12:21:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

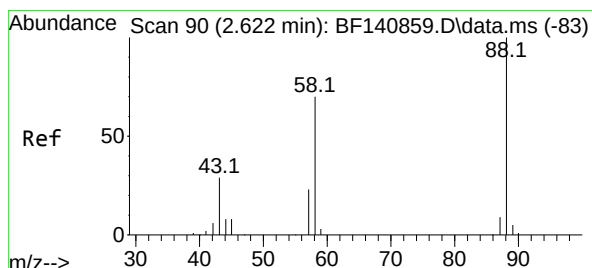
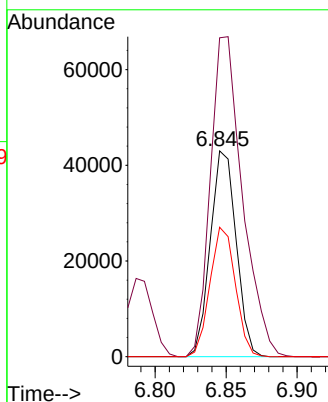
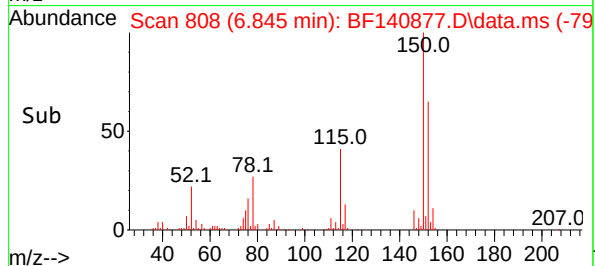
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion:152 Resp: 5448
Ion Ratio Lower Upper
152 100
150 155.0 127.9 191.9
115 63.0 48.0 72.0

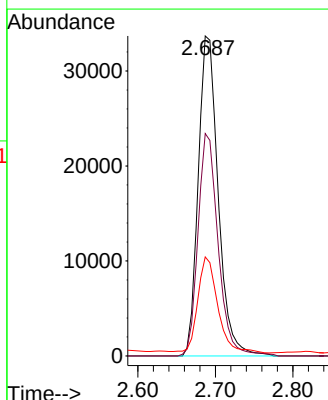
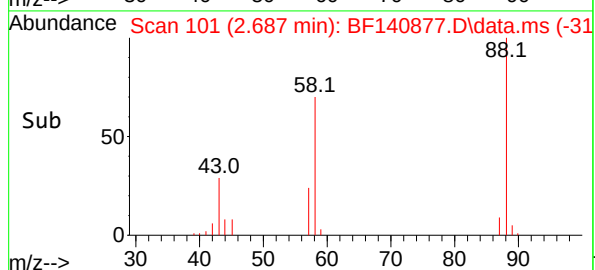
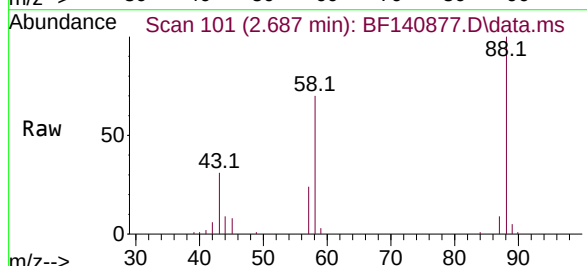
Manual Integrations
APPROVED

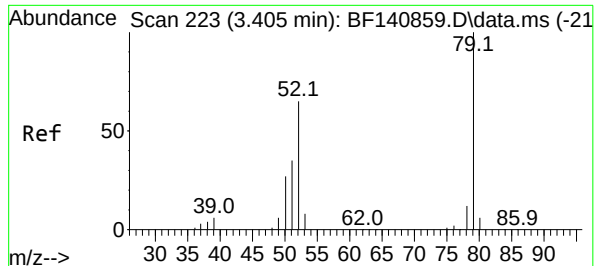
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#2
1,4-Dioxane
Concen: 42.296 ng
RT: 2.687 min Scan# 101
Delta R.T. 0.065 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion: 88 Resp: 60294
Ion Ratio Lower Upper
88 100
58 70.1 55.8 83.8
43 30.1 22.7 34.1





#3

Pyridine

Concen: 46.811 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion: 79 Resp: 154539

Ion Ratio Lower Upper

79 100

52 63.0 51.7 77.5

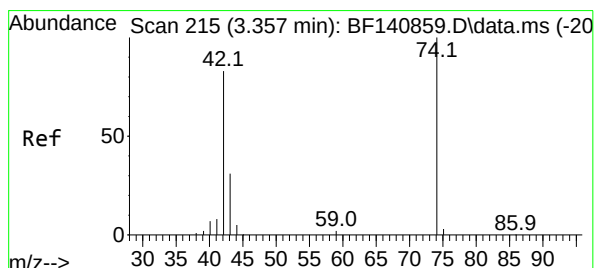
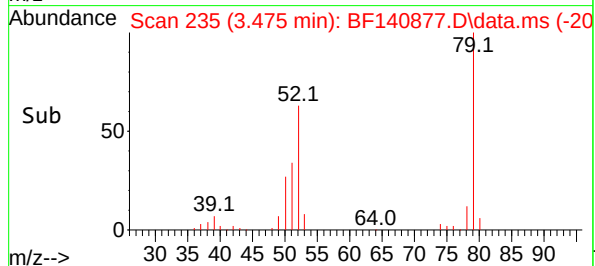
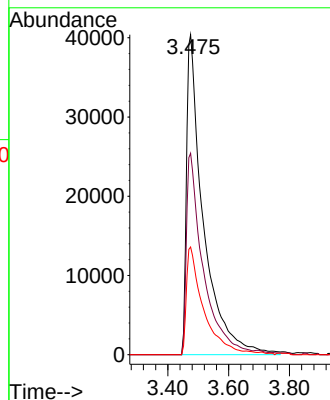
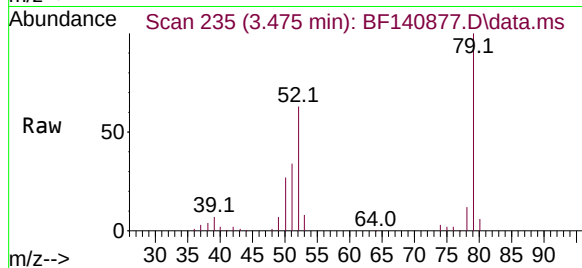
51 33.6 28.2 42.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#4

n-Nitrosodimethylamine

Concen: 53.508 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.059 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

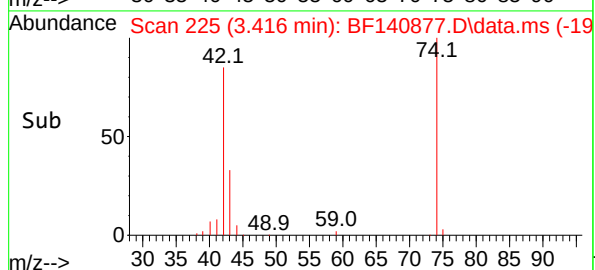
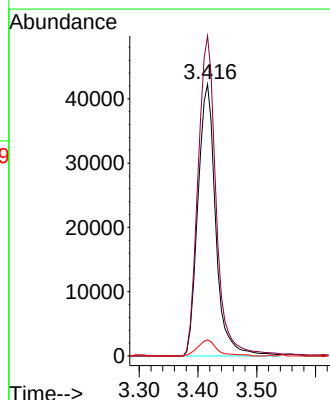
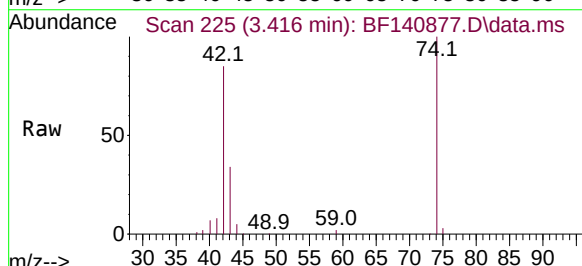
Tgt Ion: 42 Resp: 89052

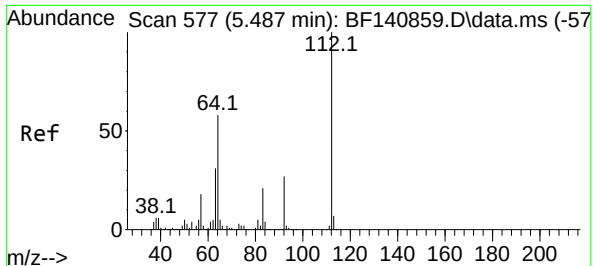
Ion Ratio Lower Upper

42 100

74 117.8 96.9 145.3

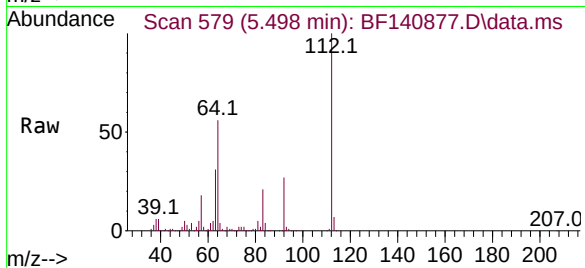
44 5.9 4.4 6.6





#5
2-Fluorophenol
Concen: 155.126 ng
RT: 5.498 min Scan# 51339
Delta R.T. 0.012 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

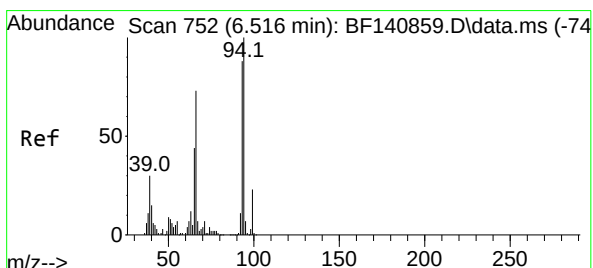
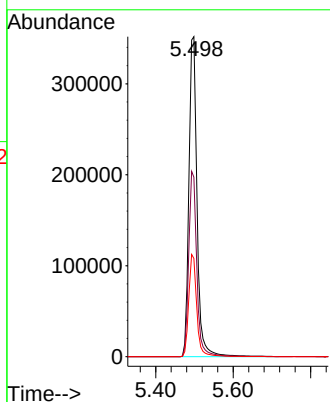
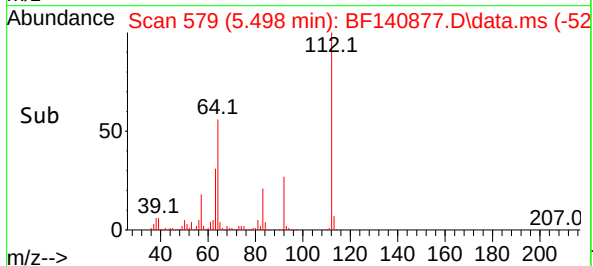
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion: 112 Resp: 51339
Ion Ratio Lower Upper
112 100
64 56.1 46.1 69.1
63 30.7 24.9 37.3

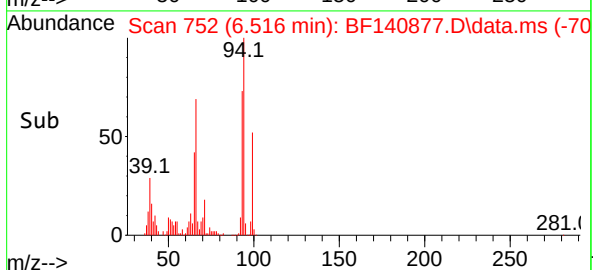
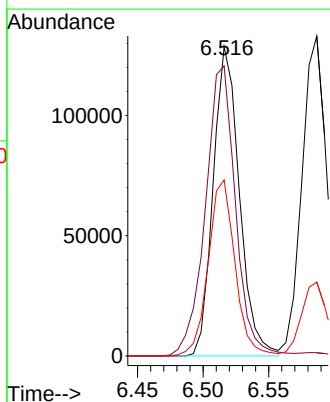
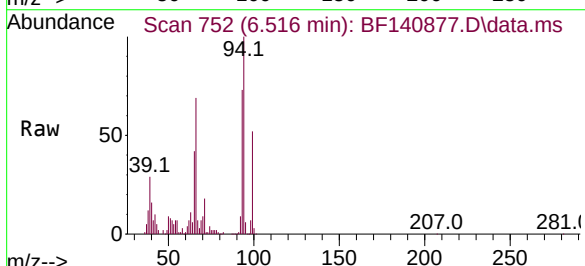
Manual Integrations
APPROVED

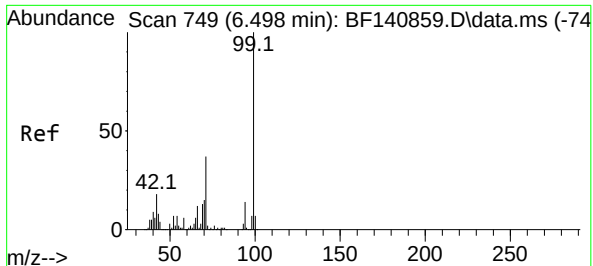
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#6
Aniline
Concen: 47.687 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

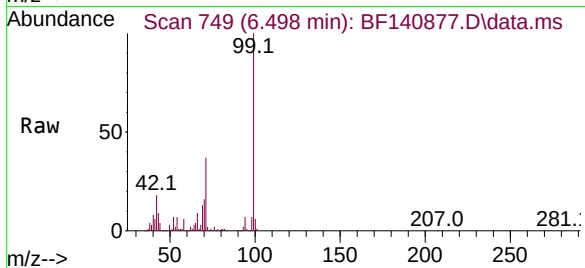
Tgt Ion: 93 Resp: 178729
Ion Ratio Lower Upper
93 100
66 93.8 67.0 100.4
65 57.0 40.4 60.6





#7
Phenol-d6
Concen: 145.731 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

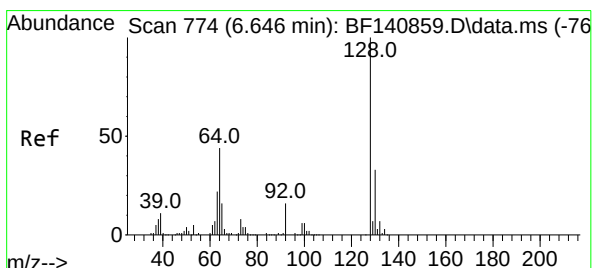
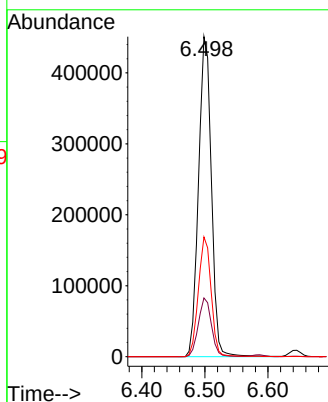
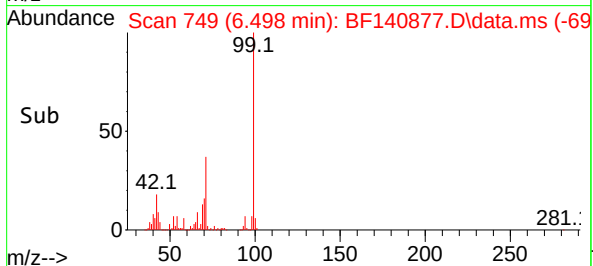
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



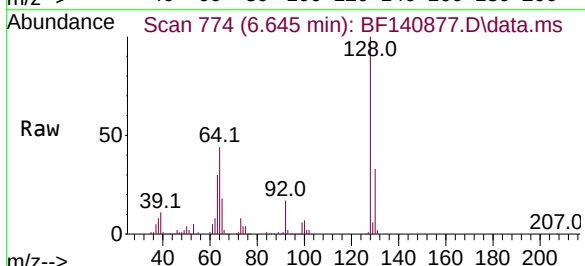
Tgt Ion: 99 Resp: 63881
Ion Ratio Lower Upper
99 100
42 18.4 14.3 21.5
71 37.4 29.9 44.9

Manual Integrations
APPROVED

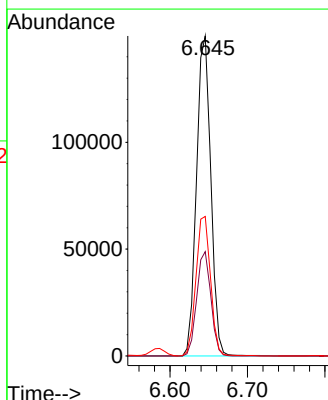
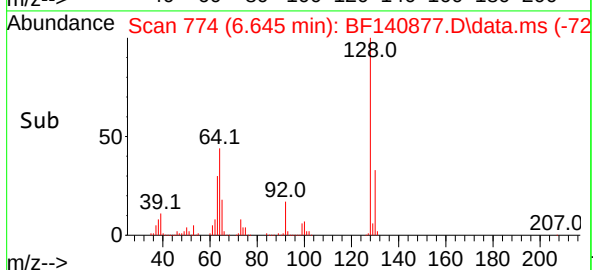
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

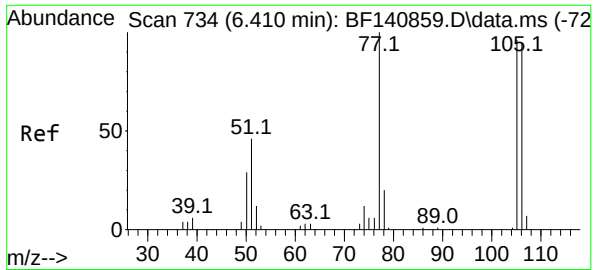


#8
2-Chlorophenol
Concen: 53.150 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



Tgt Ion:128 Resp: 191822
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 43.6 24.3 64.3





#9

Benzaldehyde

Concen: 20.255 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion: 77 Resp: 4919

Ion Ratio Lower Upper

77 100

105 96.0 75.8 115.8

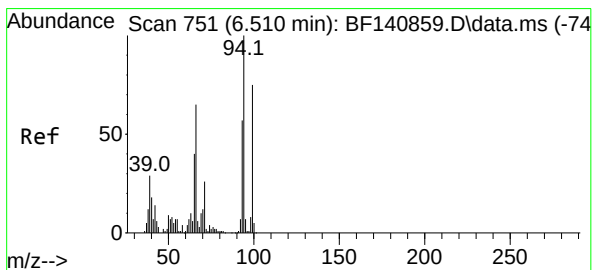
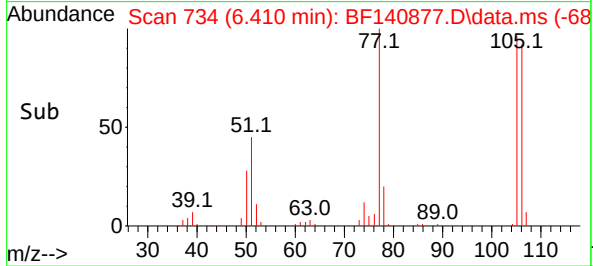
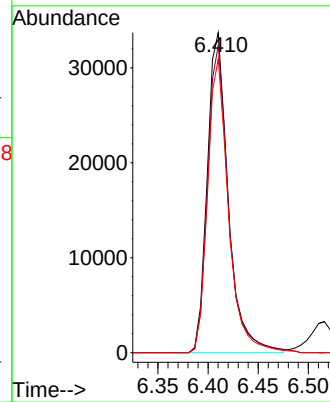
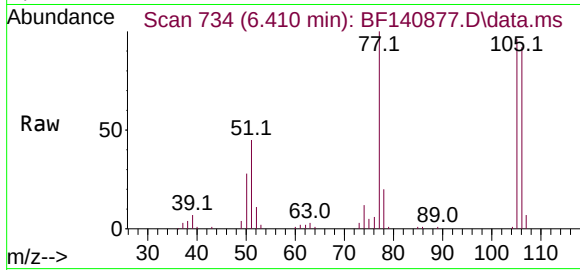
106 91.8 74.1 114.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#10

Phenol

Concen: 51.863 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

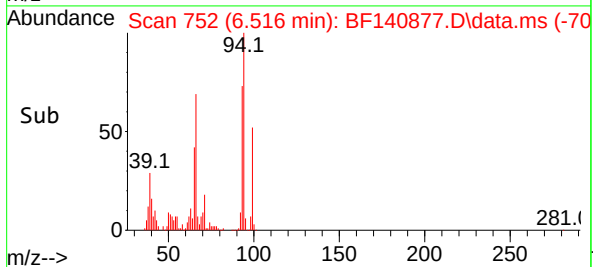
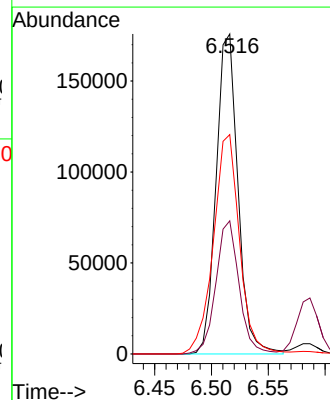
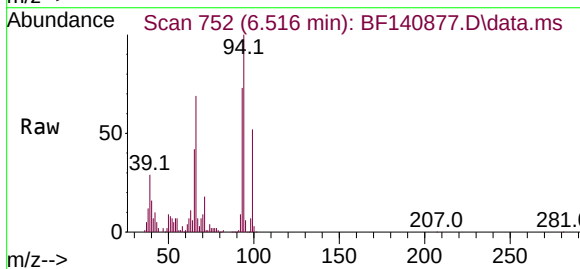
Tgt Ion: 94 Resp: 235623

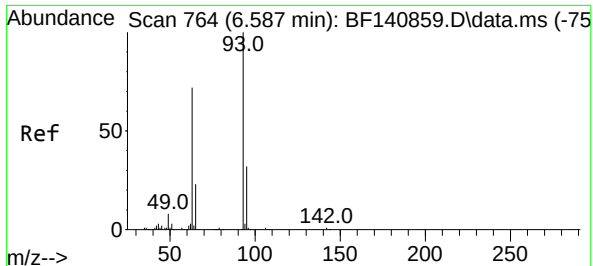
Ion Ratio Lower Upper

94 100

65 41.6 19.9 59.9

66 68.6 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 51.796 ng

RT: 6.587 min Scan# 764

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion: 93 Resp: 175492

Ion Ratio Lower Upper

93 100

63 69.7 51.0 91.0

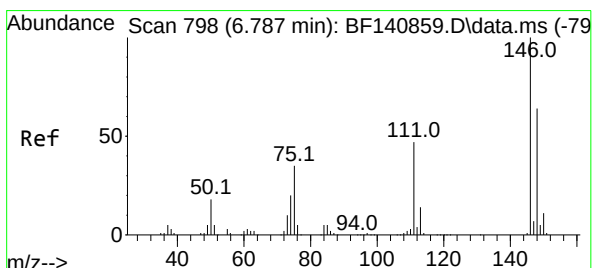
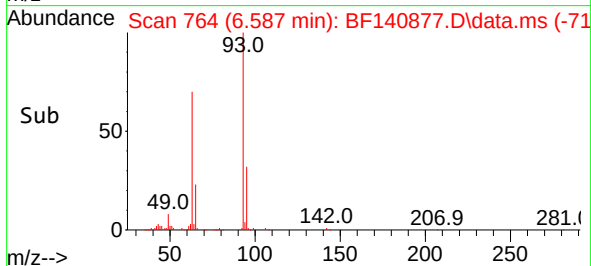
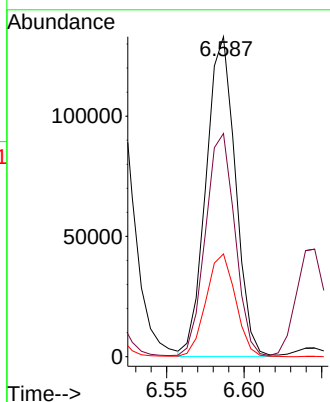
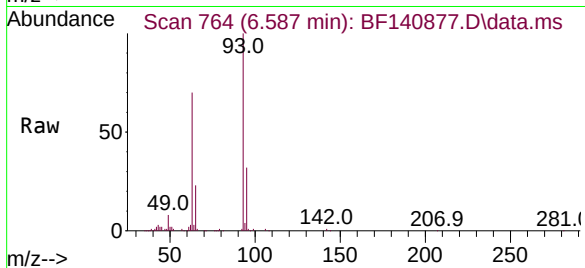
95 32.1 12.0 52.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#12

1,3-Dichlorobenzene

Concen: 49.421 ng

RT: 6.787 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

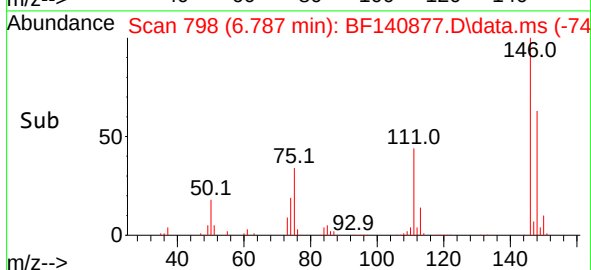
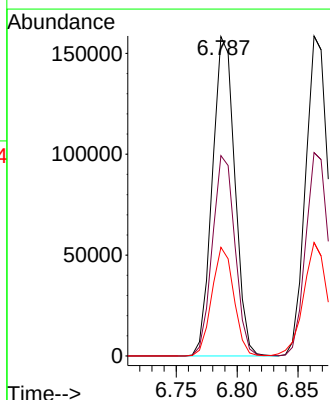
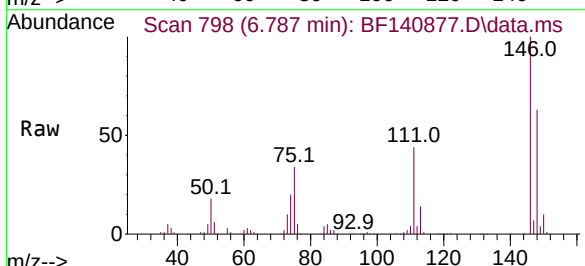
Tgt Ion:146 Resp: 203243

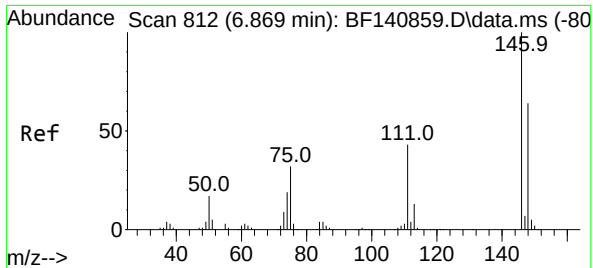
Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.6

75 34.0 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 49.181 ng

RT: 6.863 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:146 Resp: 20530

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

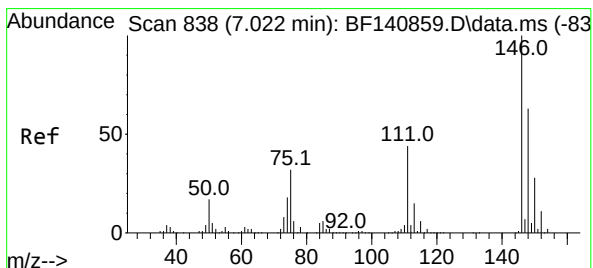
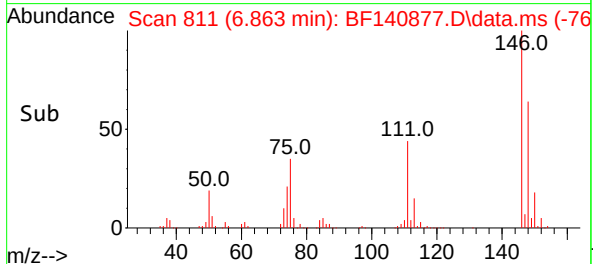
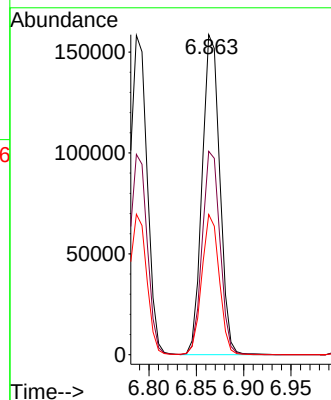
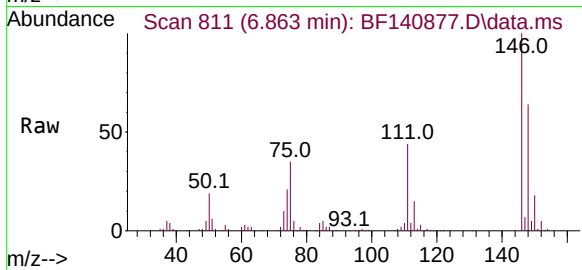
111 43.8 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#14

1,2-Dichlorobenzene

Concen: 48.363 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

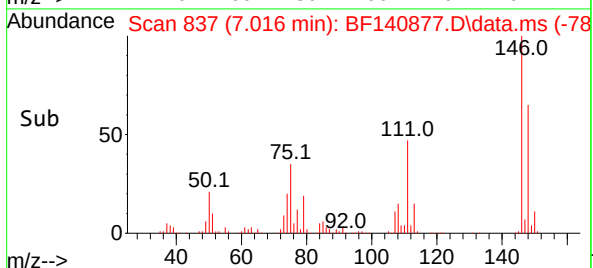
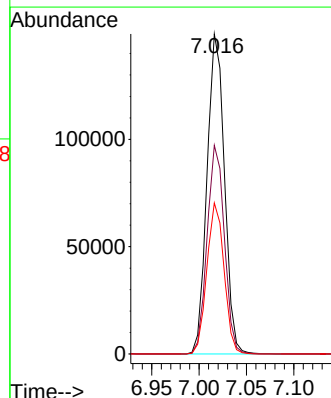
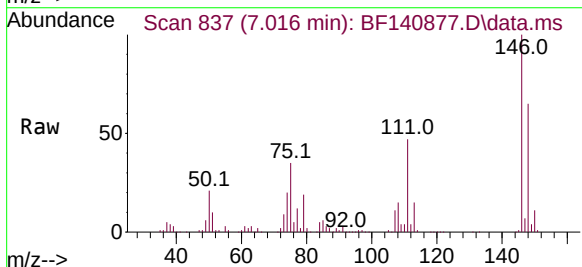
Tgt Ion:146 Resp: 190480

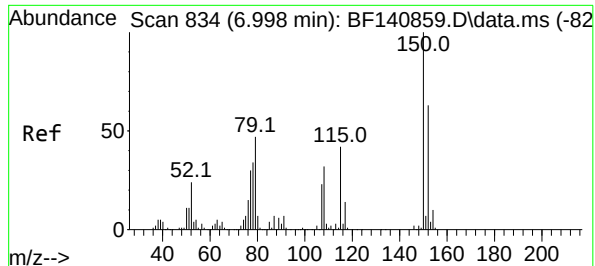
Ion Ratio Lower Upper

146 100

148 65.2 50.0 75.0

111 47.2 35.6 53.4





#15

Benzyl Alcohol

Concen: 54.131 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion: 79 Resp: 16965

Ion Ratio Lower Upper

79 100

108 71.2 55.1 82.7

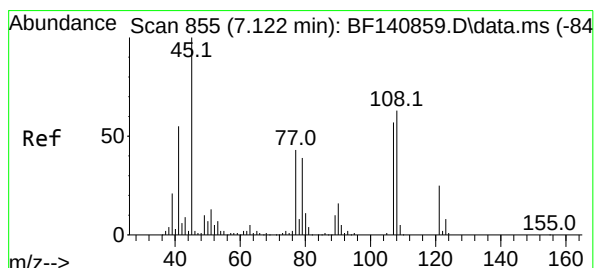
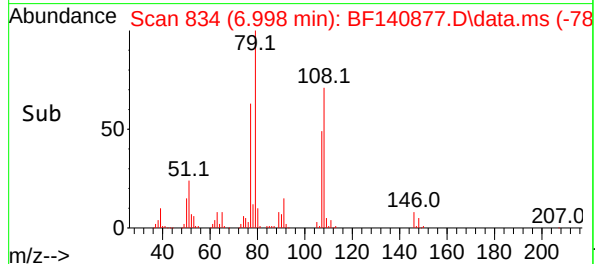
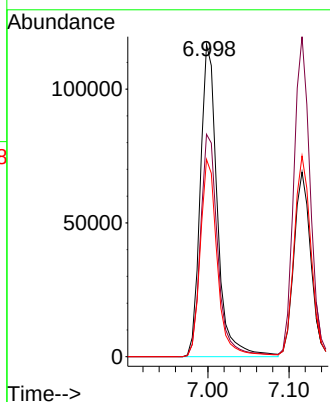
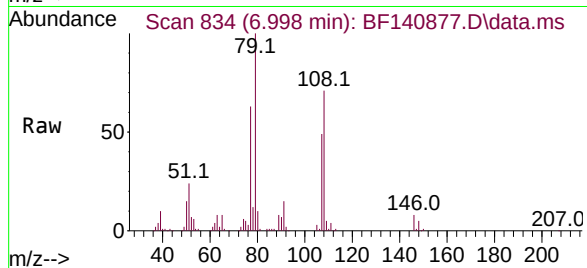
77 63.2 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.352 ng

RT: 7.116 min Scan# 854

Delta R.T. -0.006 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

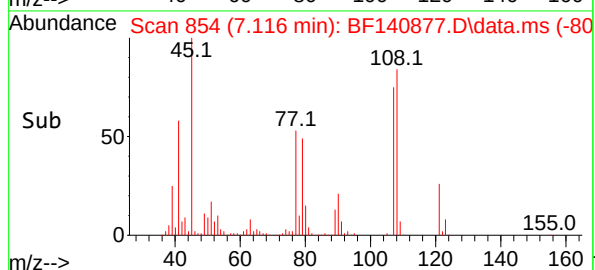
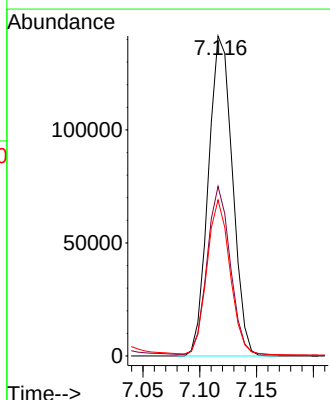
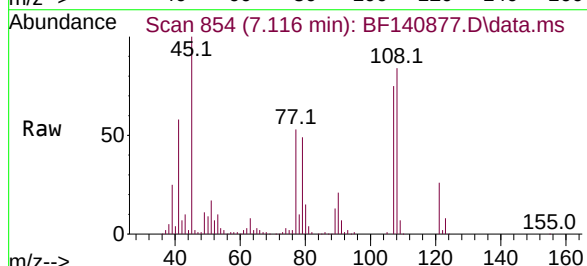
Tgt Ion: 45 Resp: 208951

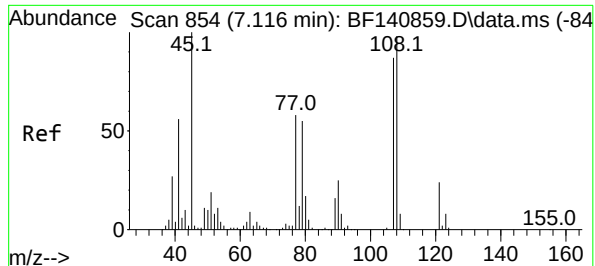
Ion Ratio Lower Upper

45 100

77 53.0 23.3 63.3

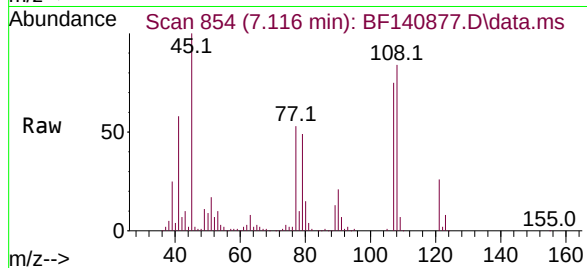
79 48.8 20.0 60.0





#17
2-Methylphenol
Concen: 51.224 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

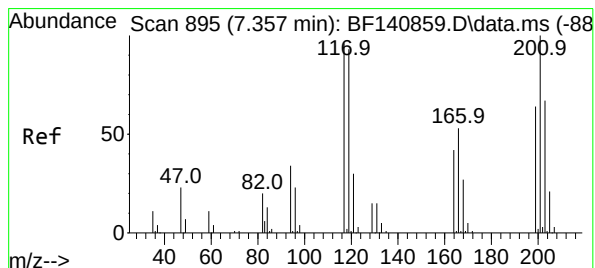
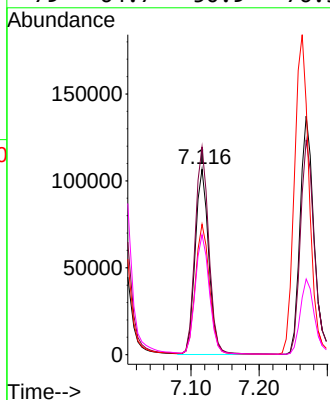
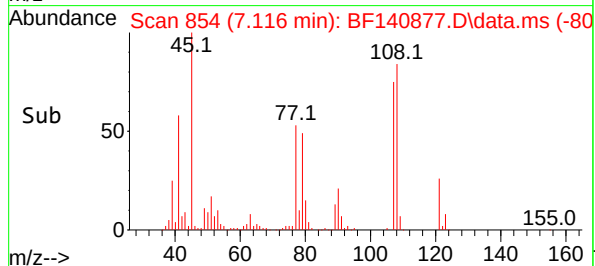
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion:107 Resp: 14759
Ion Ratio Lower Upper
107 100
108 112.0 90.2 135.4
77 70.3 53.8 80.6
79 64.7 50.9 76.3

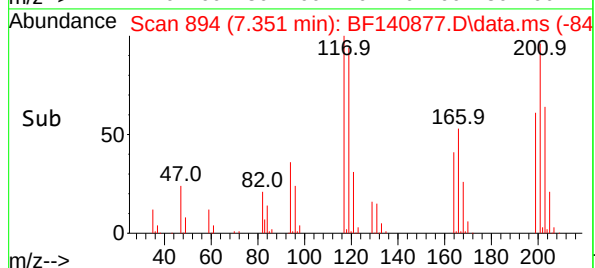
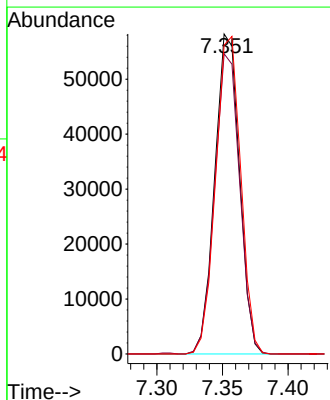
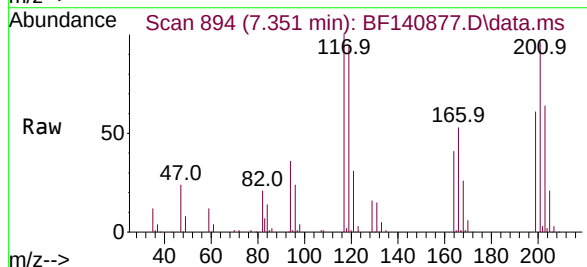
Manual Integrations
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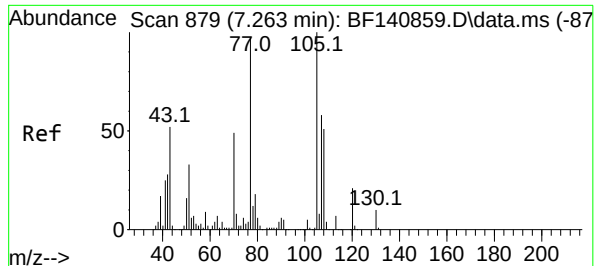
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#18
Hexachloroethane
Concen: 49.139 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:117 Resp: 76364
Ion Ratio Lower Upper
117 100
119 93.8 77.4 116.0
201 96.5 83.4 125.0





#19

n-Nitroso-di-n-propylamine

Concen: 51.217 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion: 70 Resp: 13467

Ion Ratio Lower Upper

70 100

42 57.0 45.3 67.9

101 10.0 8.0 12.0

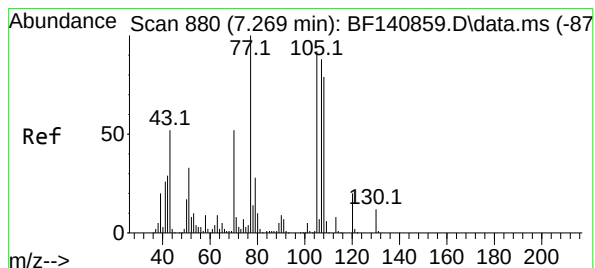
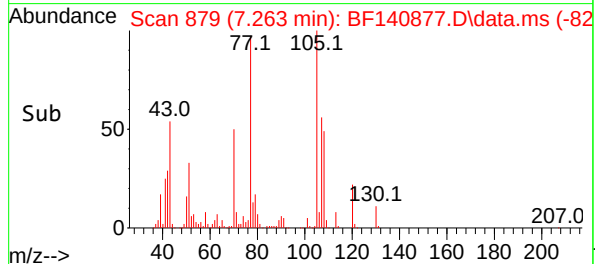
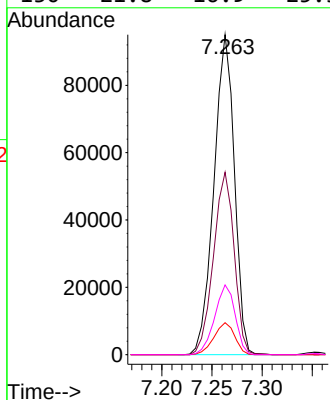
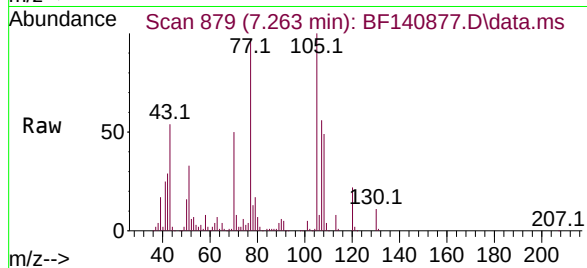
130 21.8 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#20

3+4-Methylphenols

Concen: 51.359 ng

RT: 7.269 min Scan# 880

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Tgt Ion:107 Resp: 196232

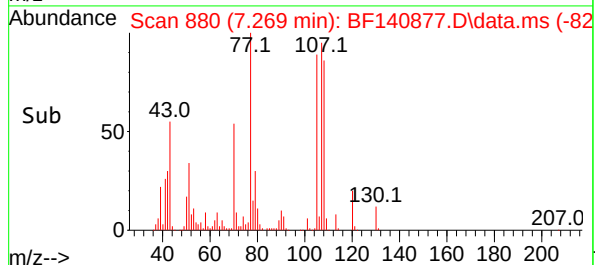
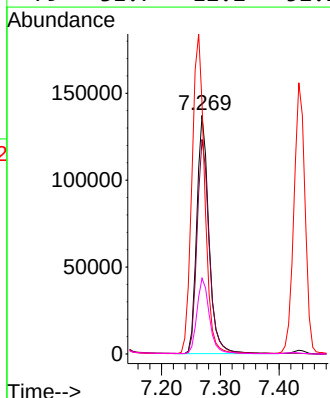
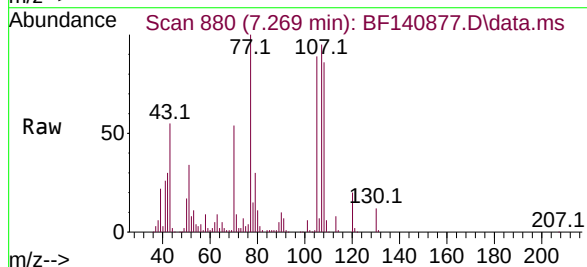
Ion Ratio Lower Upper

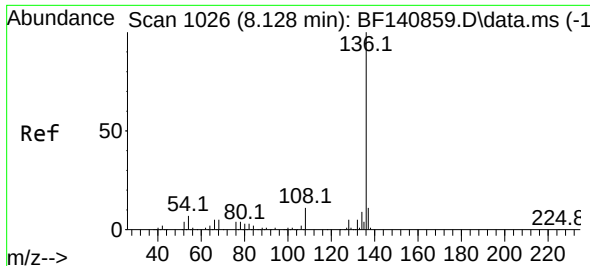
107 100

108 90.0 70.1 110.1

77 105.0 94.4 134.4

79 31.7 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF140877.D

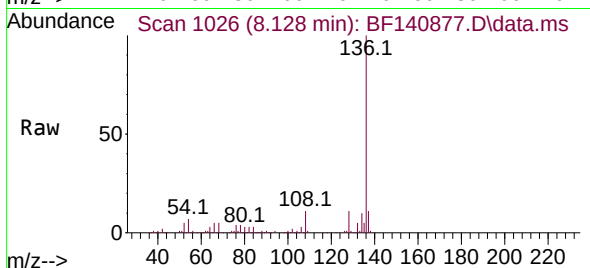
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD



Tgt Ion:136 Resp: 19842

Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.6 5.6 8.4

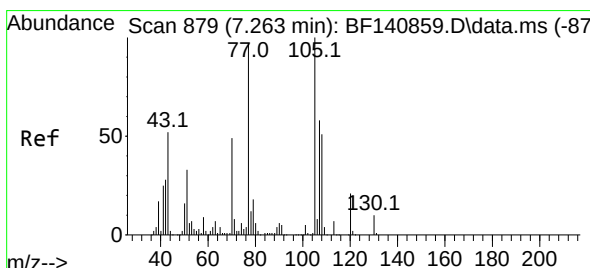
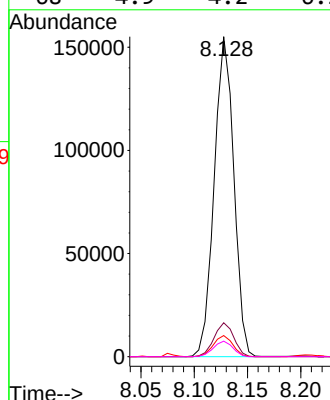
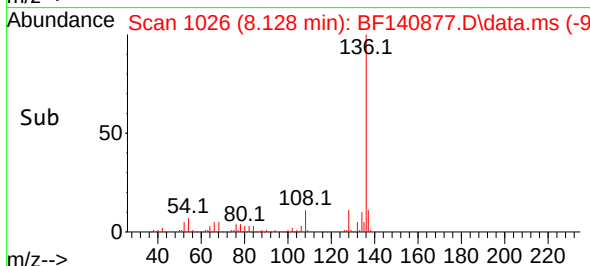
68 4.9 4.2 6.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#22

Acetophenone

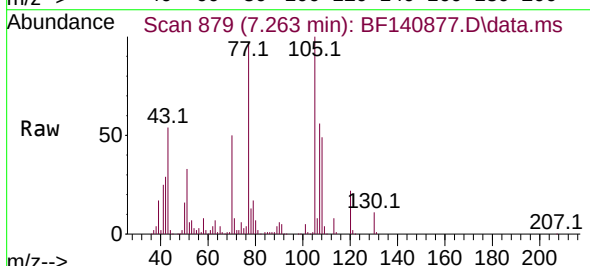
Concen: 53.378 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35



Tgt Ion:105 Resp: 264952

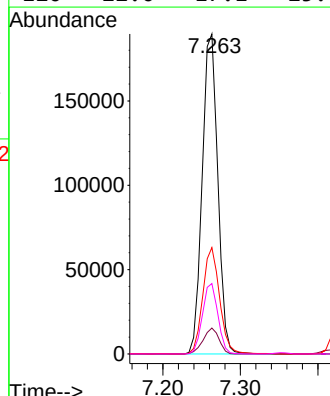
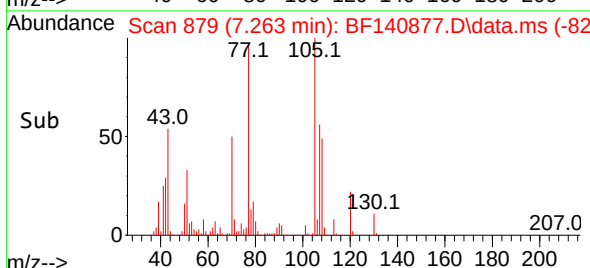
Ion Ratio Lower Upper

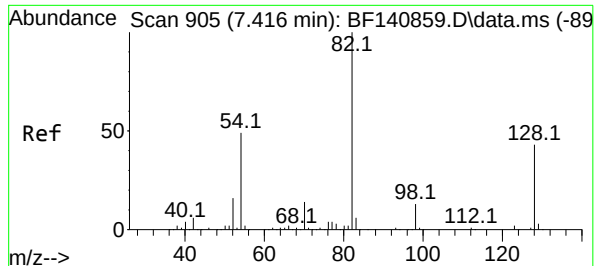
105 100

71 8.1 6.2 9.4

51 33.2 26.3 39.5

120 22.0 17.1 25.7





#23

Nitrobenzene-d5

Concen: 103.260 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion: 82 Resp: 40953

Ion Ratio Lower Upper

82 100

128 43.4 34.4 51.6

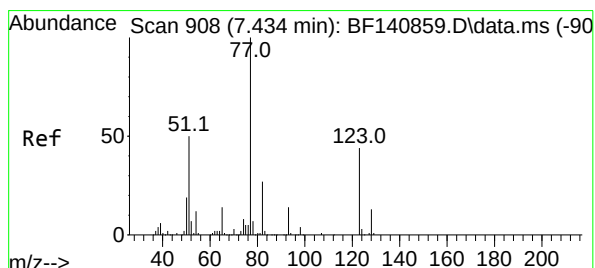
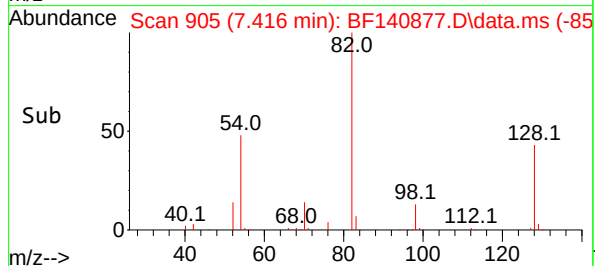
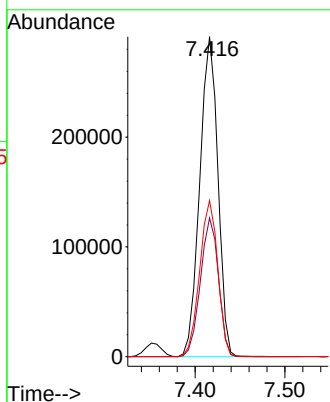
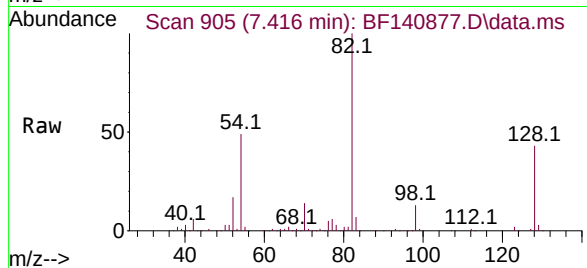
54 48.8 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#24

Nitrobenzene

Concen: 50.281 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

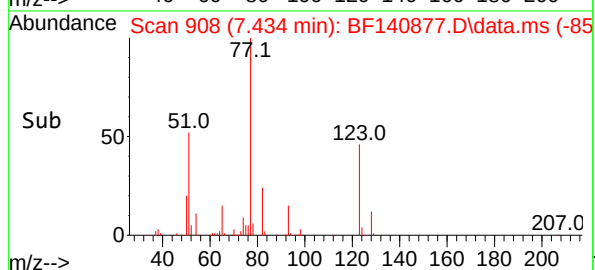
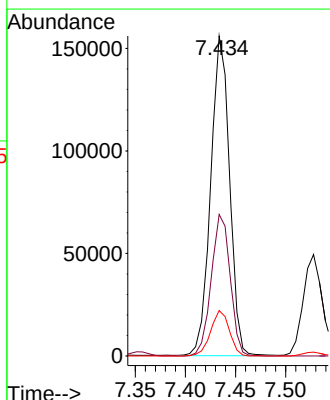
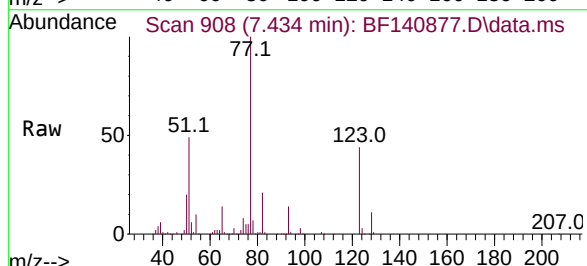
Tgt Ion: 77 Resp: 204296

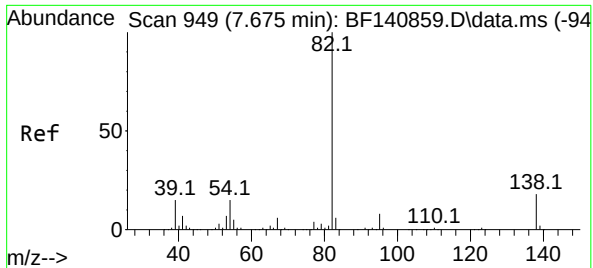
Ion Ratio Lower Upper

77 100

123 44.2 35.0 52.4

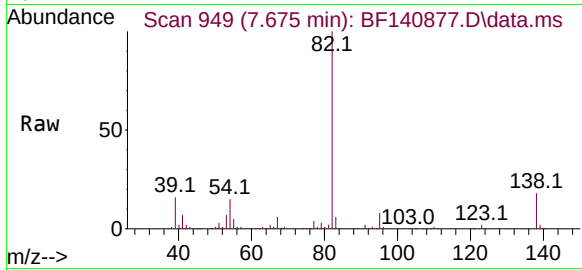
65 14.2 11.4 17.0





#25
Isophorone
Concen: 54.100 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

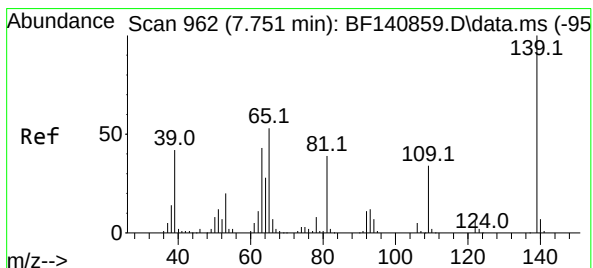
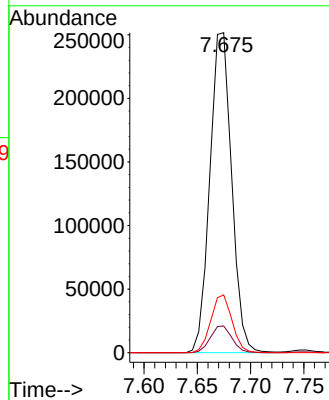
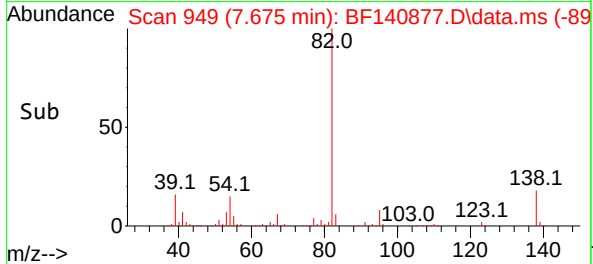
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion: 82 Resp: 35951
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 18.1 14.1 21.1

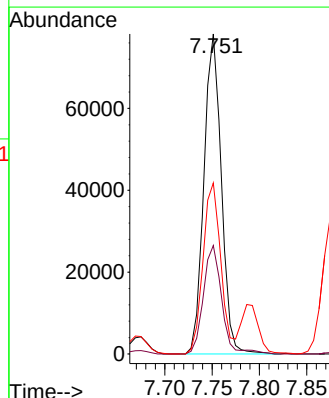
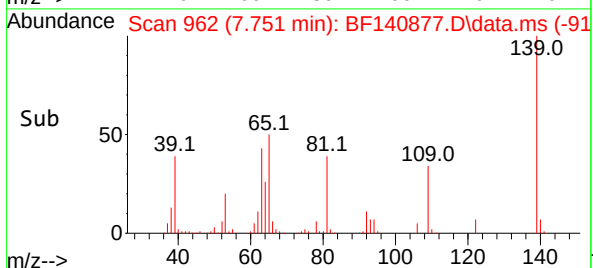
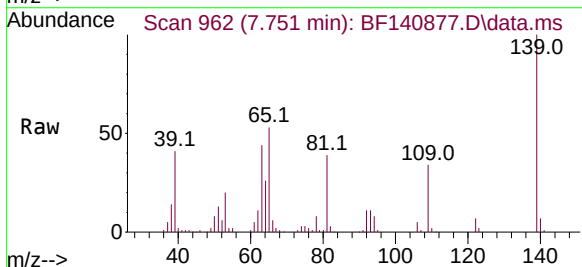
Manual Integrations
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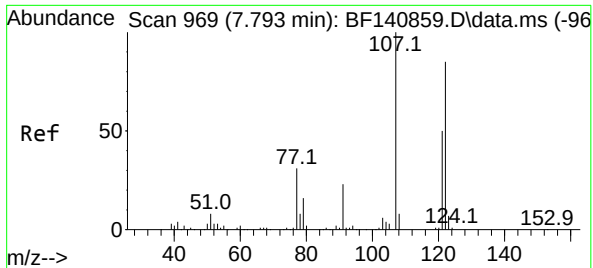
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#26
2-Nitrophenol
Concen: 53.456 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:139 Resp: 100033
Ion Ratio Lower Upper
139 100
109 33.9 26.9 40.3
65 53.5 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 63.591 ng

RT: 7.792 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140877.D

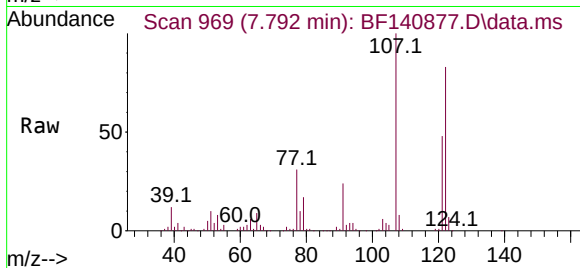
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD



Tgt Ion:122 Resp: 138972

Ion Ratio Lower Upper

122 100

107 120.9 92.6 139.0

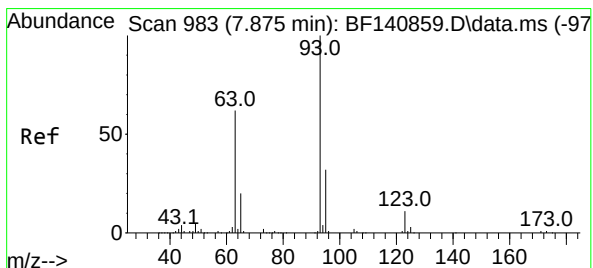
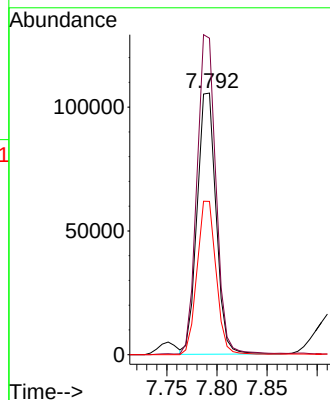
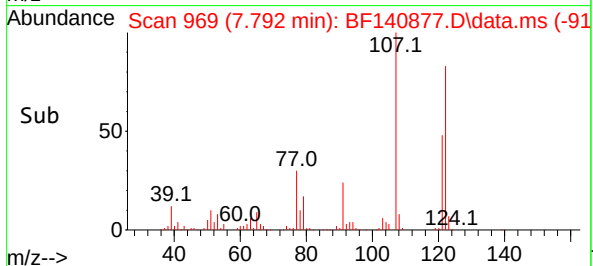
121 58.6 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#28

bis(2-Chloroethoxy)methane

Concen: 52.125 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

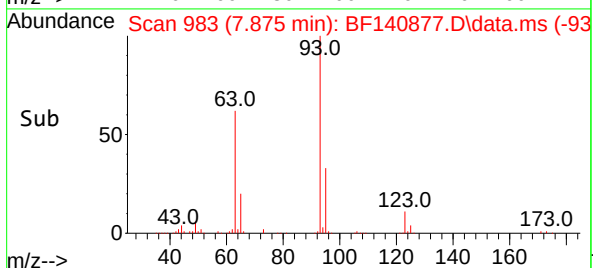
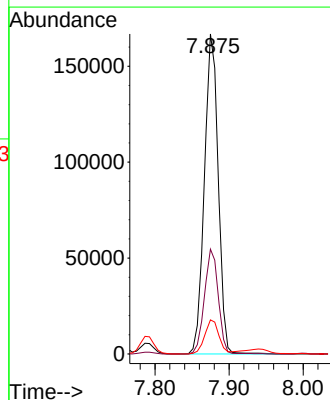
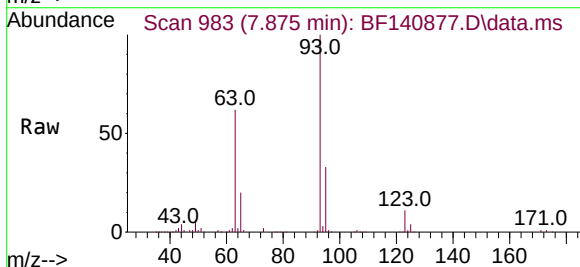
Tgt Ion: 93 Resp: 216344

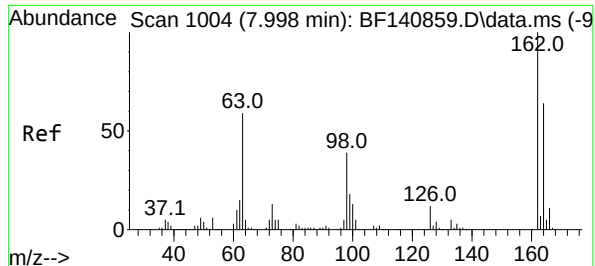
Ion Ratio Lower Upper

93 100

95 32.8 25.3 37.9

123 10.7 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 53.019 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:162 Resp: 15996

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

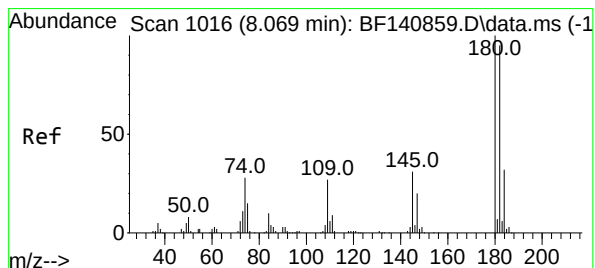
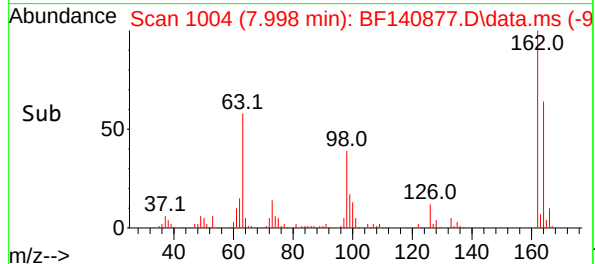
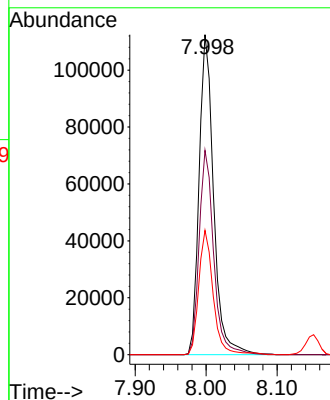
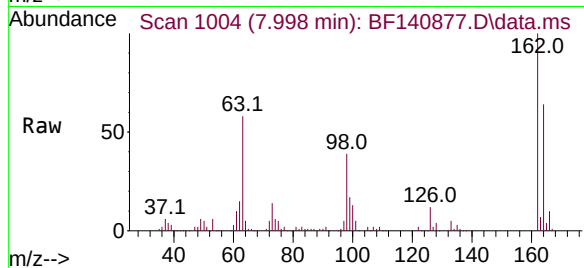
98 38.9 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#30

1,2,4-Trichlorobenzene

Concen: 48.757 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

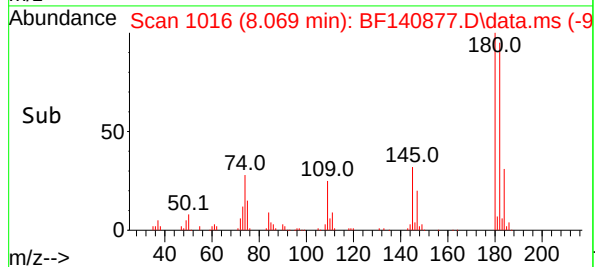
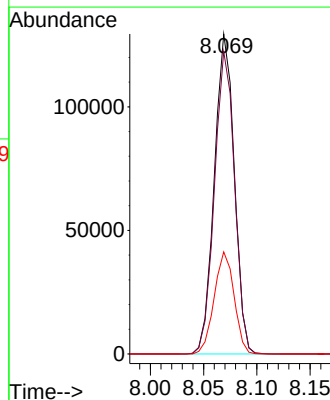
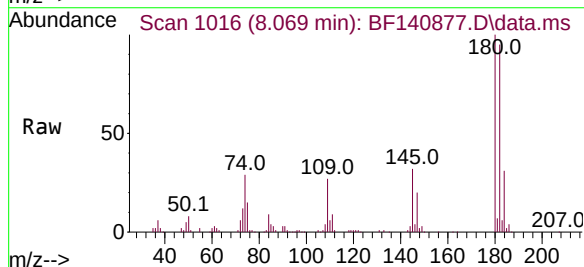
Tgt Ion:180 Resp: 168638

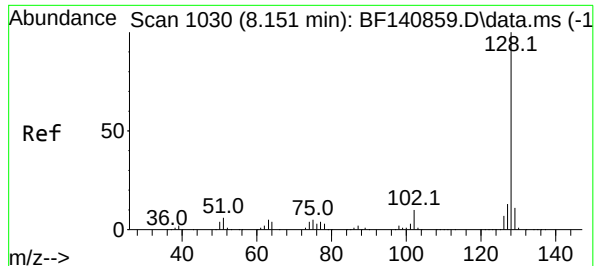
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

145 31.9 25.2 37.8





#31

Naphthalene

Concen: 50.468 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:128 Resp: 55009

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

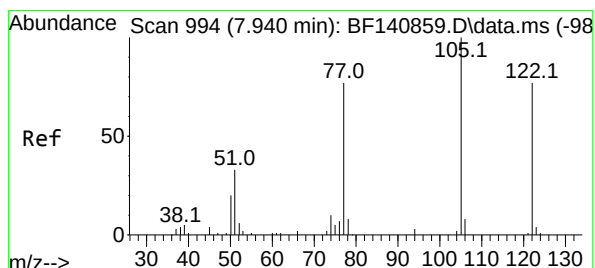
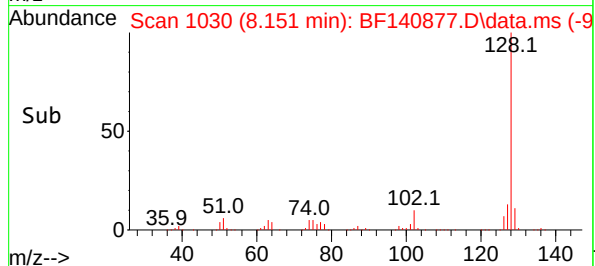
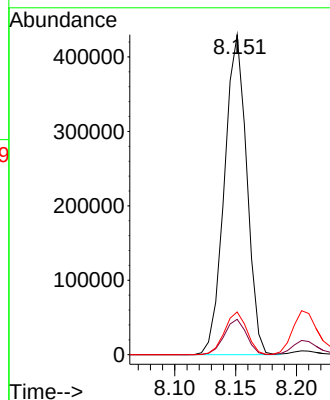
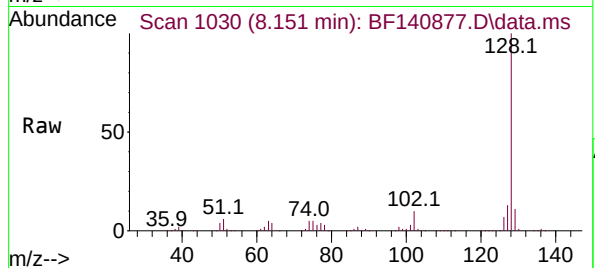
127 13.4 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#32

Benzoic acid

Concen: 44.721 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.001 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

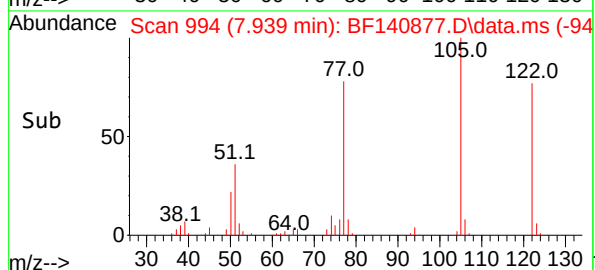
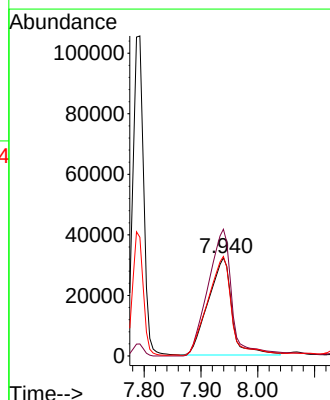
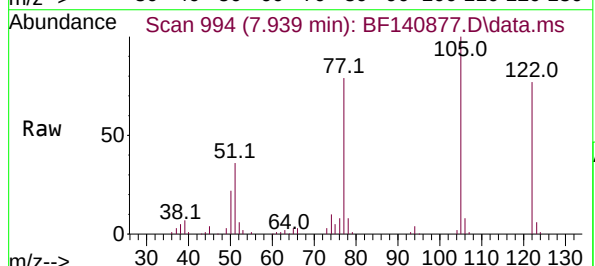
Tgt Ion:122 Resp: 92691

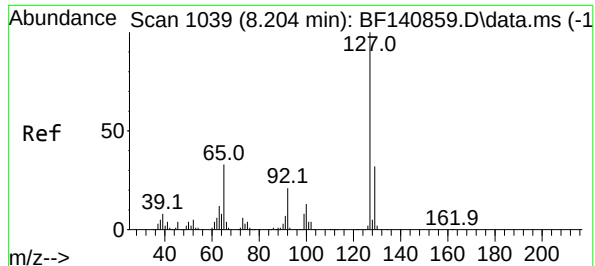
Ion Ratio Lower Upper

122 100

105 129.2 108.3 148.3

77 101.6 78.8 118.8





#33

4-Chloroaniline

Concen: 26.433 ng

RT: 8.204 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

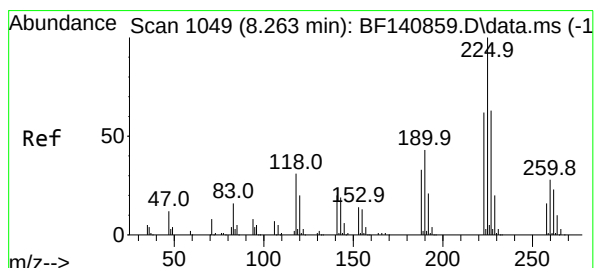
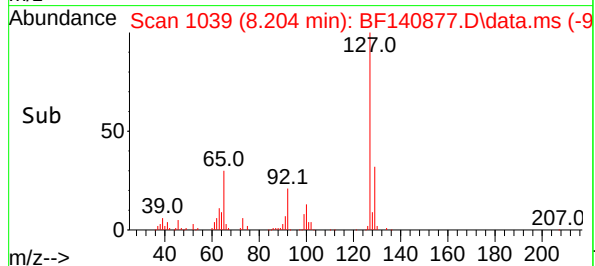
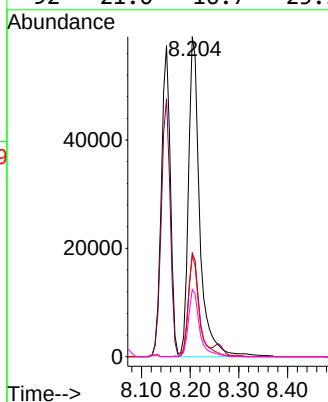
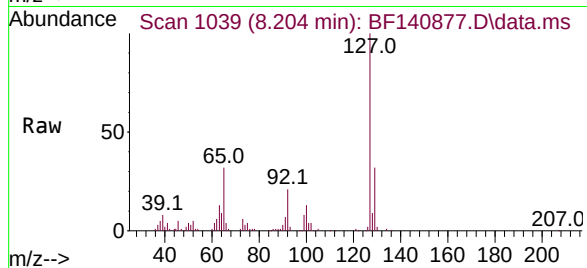
Tgt Ion:	127	Resp:	95690
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.0	39.0
65	31.6	26.0	39.0
92	21.0	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#34

Hexachlorobutadiene

Concen: 49.049 ng

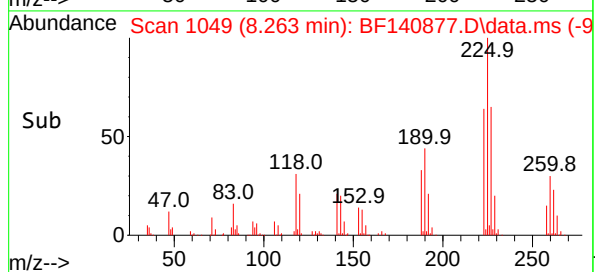
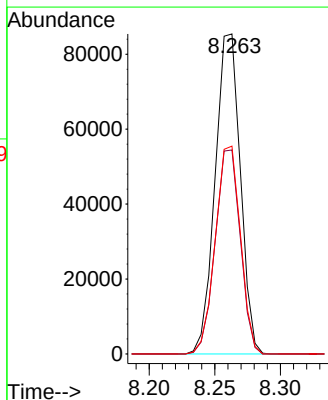
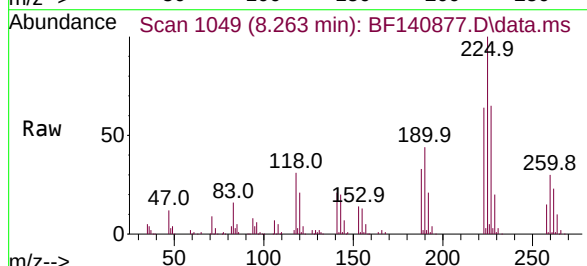
RT: 8.263 min Scan# 1049

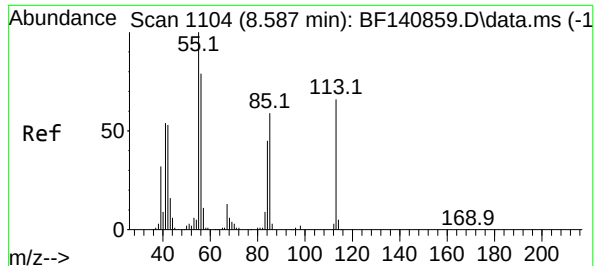
Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Tgt Ion:	225	Resp:	114140
Ion Ratio	Lower	Upper	
225	100		
223	63.8	49.6	74.4
227	65.0	50.7	76.1





#35

Caprolactam

Concen: 52.512 ng m

RT: 8.581 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:113 Resp: 4716

Ion Ratio Lower Upper

113 100

55 154.4 132.3 172.3

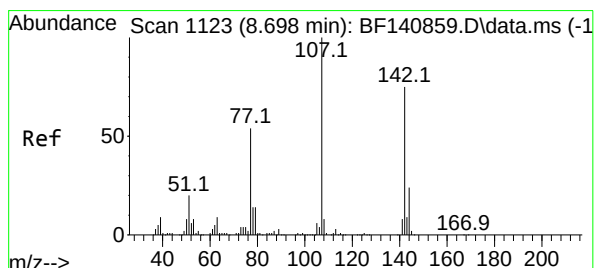
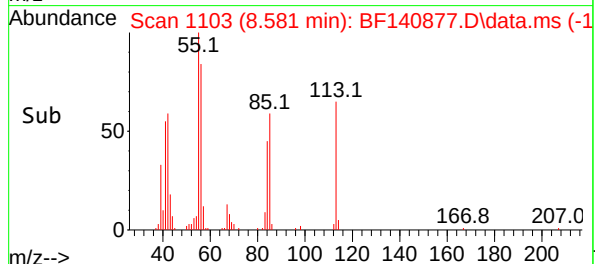
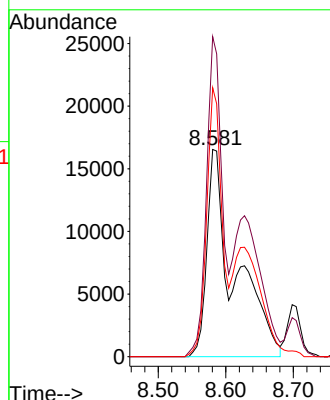
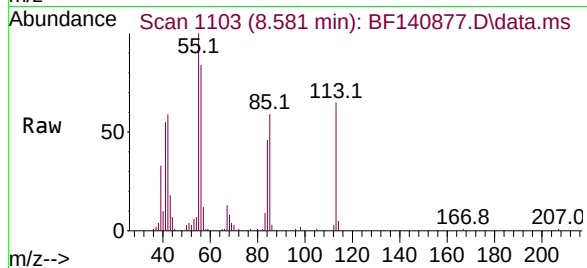
56 129.7 100.3 140.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#36

4-Chloro-3-methylphenol

Concen: 51.771 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

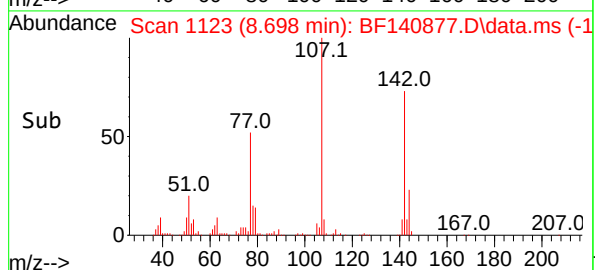
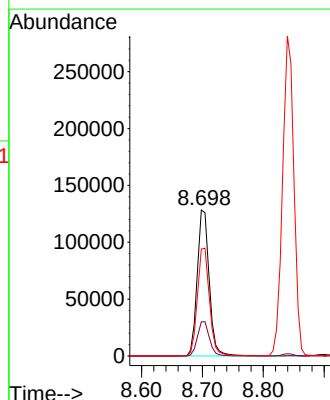
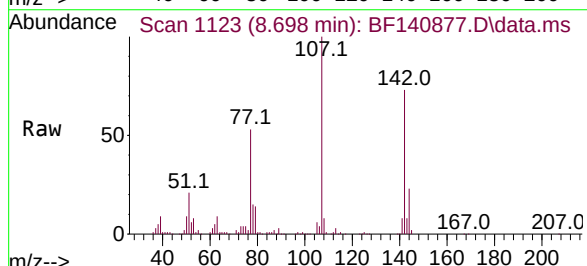
Tgt Ion:107 Resp: 175809

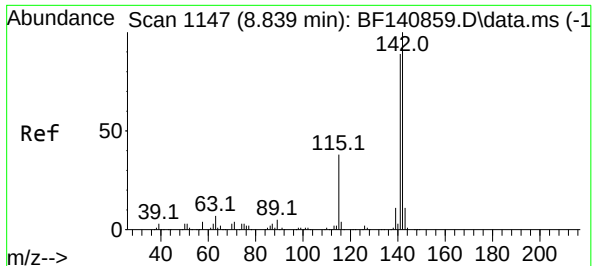
Ion Ratio Lower Upper

107 100

144 23.3 19.4 29.2

142 73.3 60.3 90.5





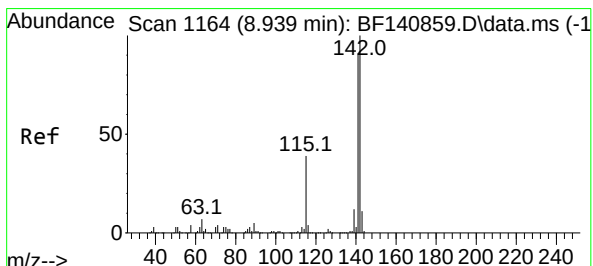
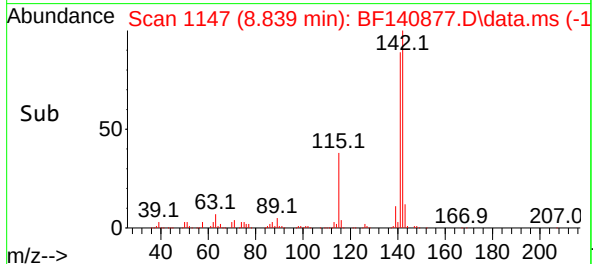
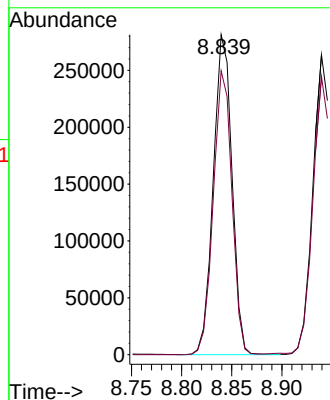
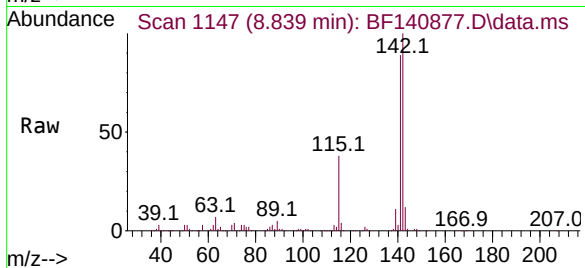
#37
2-Methylnaphthalene
Concen: 50.489 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Tgt Ion:142 Resp: 364035
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6

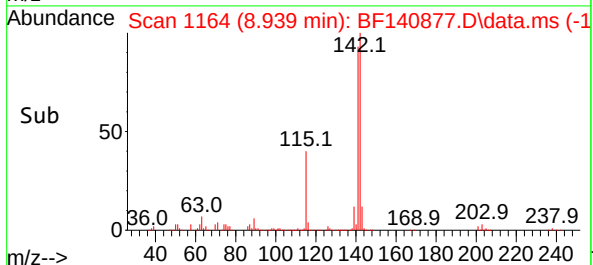
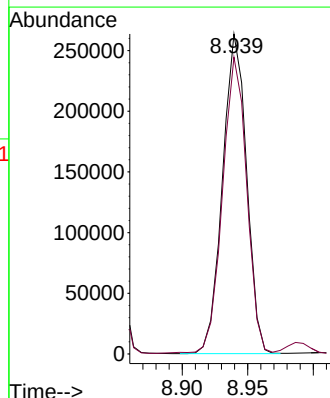
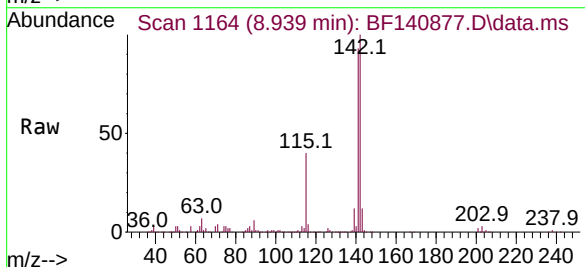
Manual Integrations
APPROVED

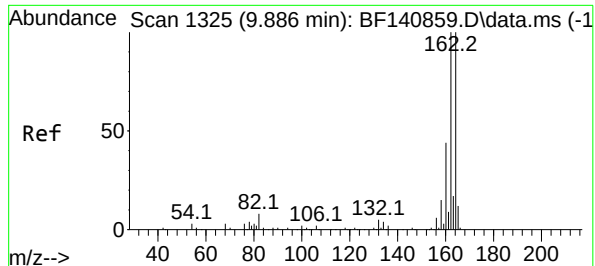
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#38
1-Methylnaphthalene
Concen: 47.058 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:142 Resp: 335559
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# 11

Delta R.T. -0.000 min

Lab File: BF140877.D

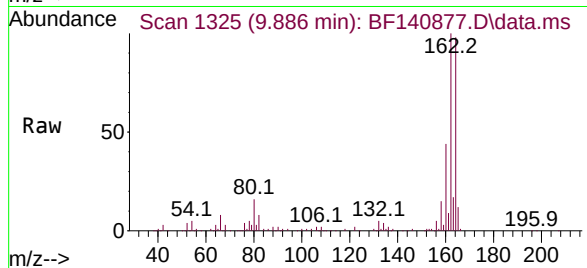
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD



Tgt Ion:164 Resp: 109384

Ion Ratio Lower Upper

164 100

162 101.7 79.9 119.9

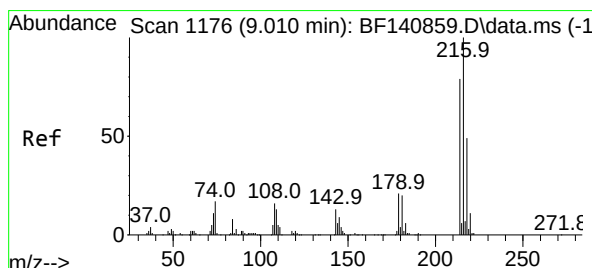
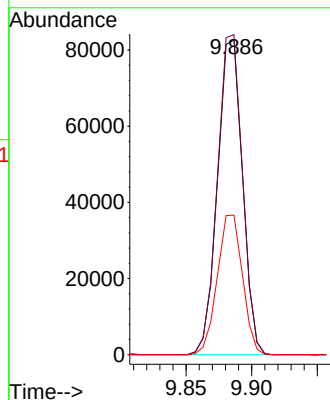
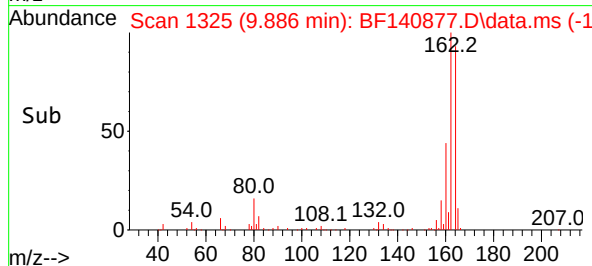
160 44.3 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#40

1,2,4,5-Tetrachlorobenzene

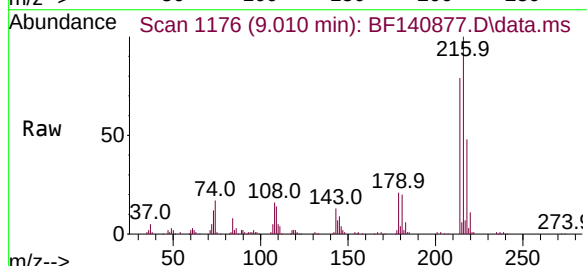
Concen: 53.653 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35



Tgt Ion:216 Resp: 180385

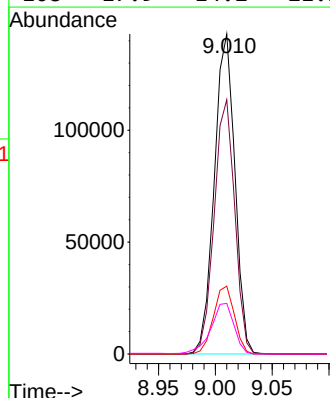
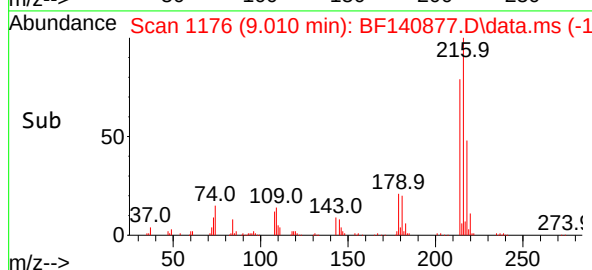
Ion Ratio Lower Upper

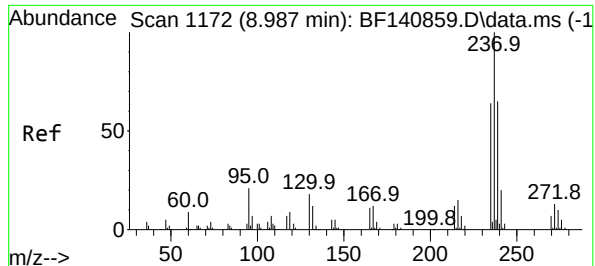
216 100

214 79.2 63.6 95.4

179 21.6 17.0 25.4

108 17.9 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 80.007 ng

RT: 8.992 min Scan# 1172

Delta R.T. 0.005 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:237 Resp: 9680

Ion Ratio Lower Upper

237 100

235 61.7 43.7 83.7

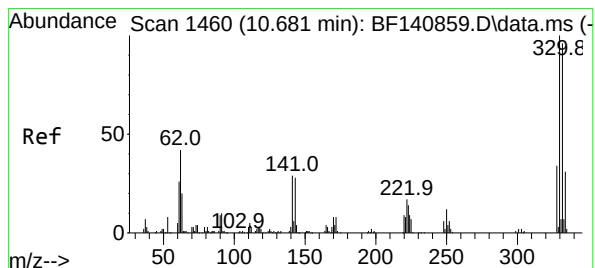
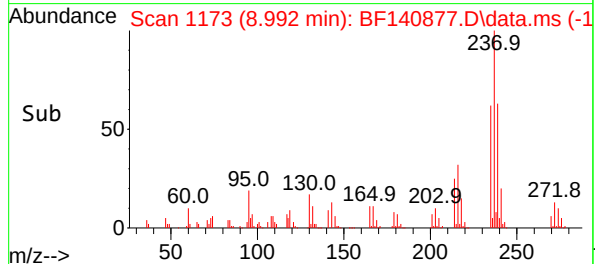
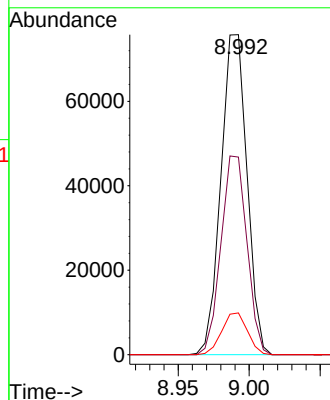
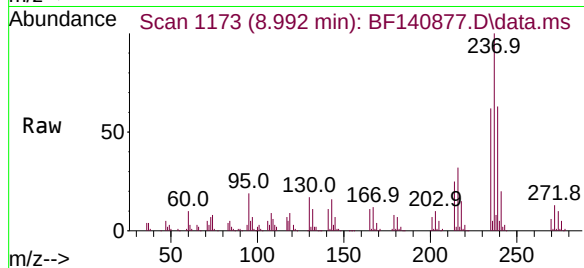
272 13.0 0.0 32.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#42

2,4,6-Tribromophenol

Concen: 147.990 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

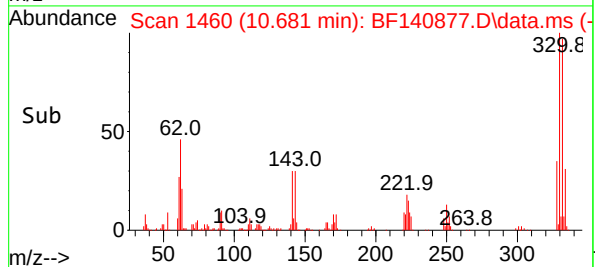
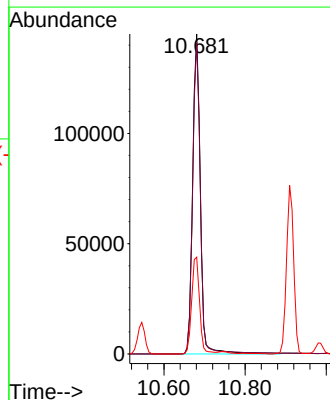
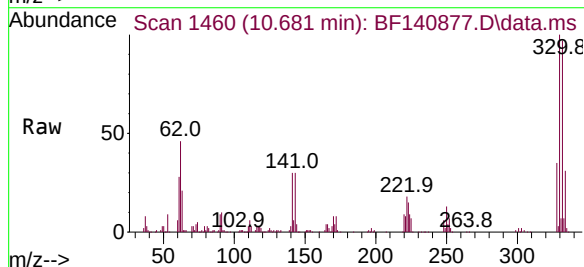
Tgt Ion:330 Resp: 191455

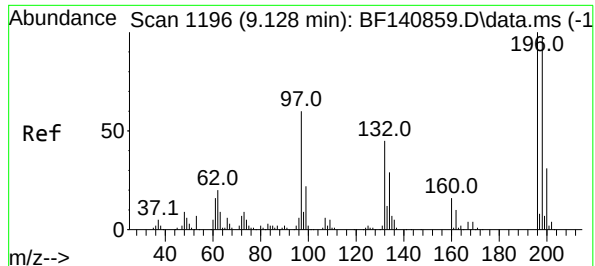
Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 31.1 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 51.912 ng
RT: 9.128 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

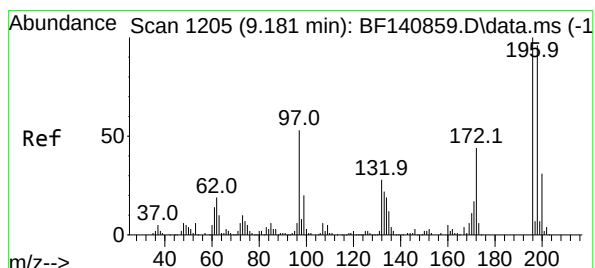
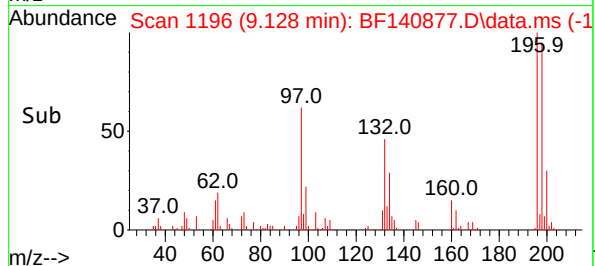
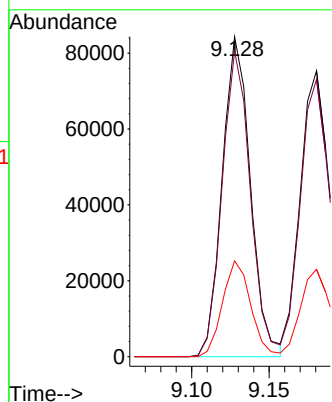
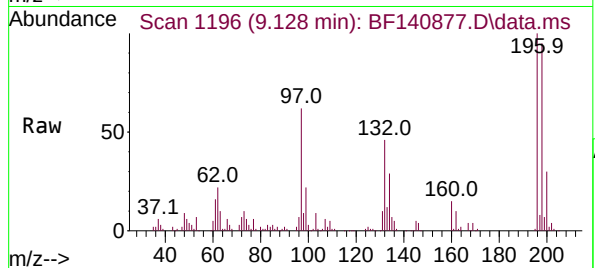
PB165623BSD

Tgt Ion	196	198	200
Resp	106870	95.5	29.9
Ratio	100	95.5	29.9
Lower		77.4	24.5
Upper		116.0	36.7

Manual Integrations

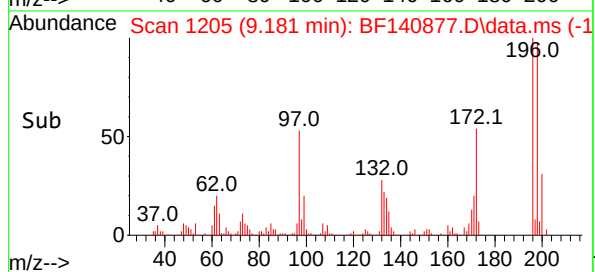
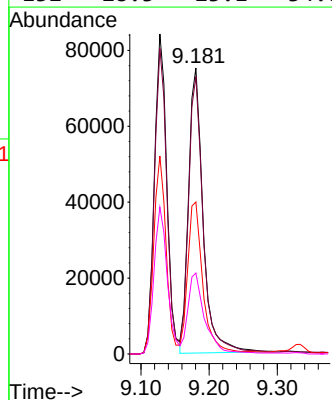
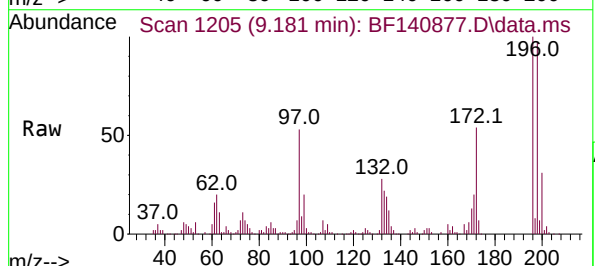
APPROVED

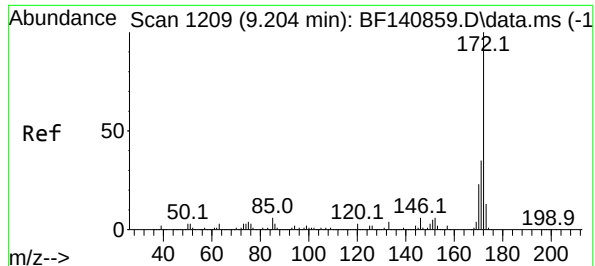
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#44
2,4,5-Trichlorophenol
Concen: 49.233 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion	196	198	97	132
Resp	111401	97.0	53.2	28.3
Ratio	100	97.0	53.2	28.3
Lower		77.2	42.2	23.1
Upper		115.8	63.4	34.7





#45

2-Fluorobiphenyl

Concen: 103.651 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

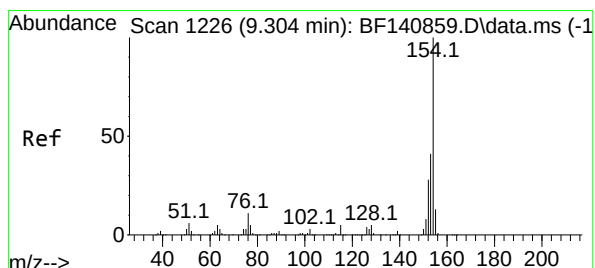
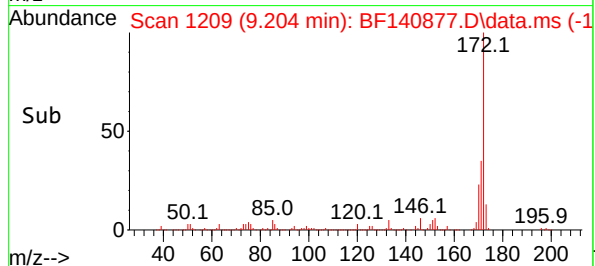
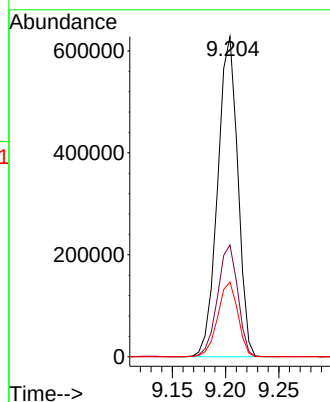
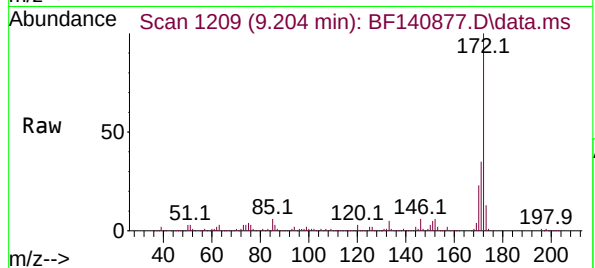
Tgt Ion:	172	Resp:	824652
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.4	42.6
170	23.4	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#46

1,1'-Biphenyl

Concen: 52.831 ng

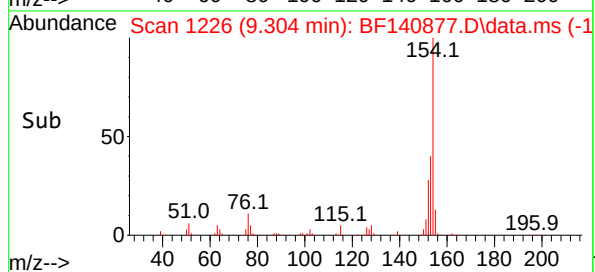
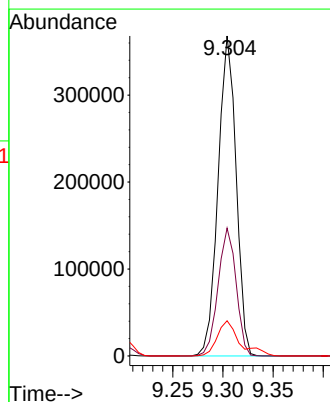
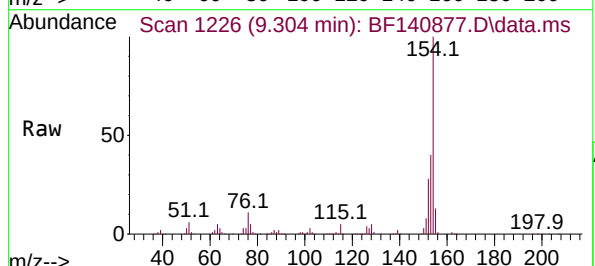
RT: 9.304 min Scan# 1226

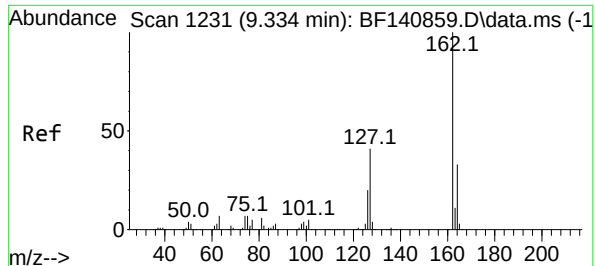
Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Tgt Ion:	154	Resp:	459523
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.8	60.8
76	11.0	0.0	31.0





#47

2-Chloronaphthalene

Concen: 51.350 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:162 Resp: 341689

Ion Ratio Lower Upper

162 100

127 42.1 33.5 50.3

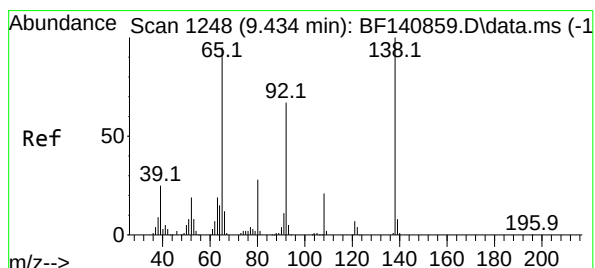
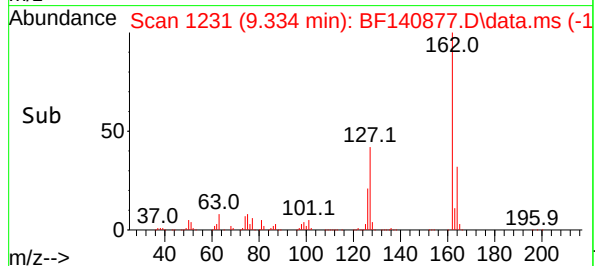
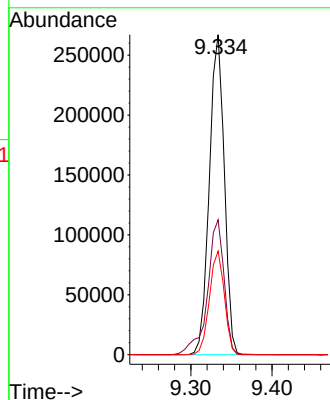
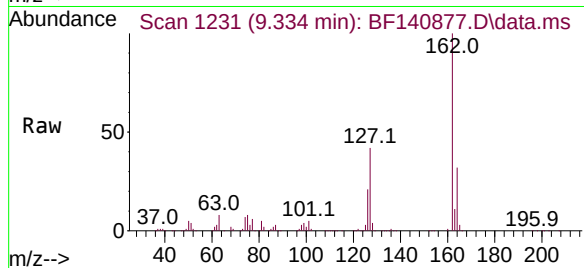
164 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#48

2-Nitroaniline

Concen: 53.514 ng

RT: 9.434 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

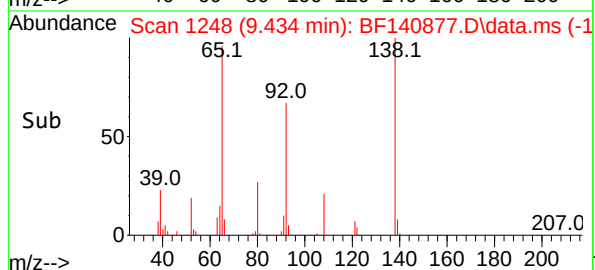
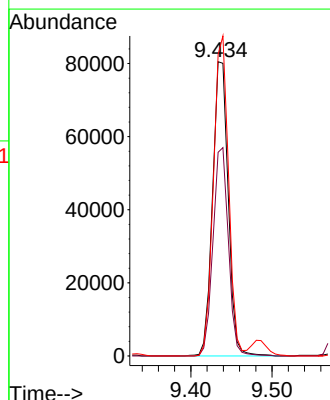
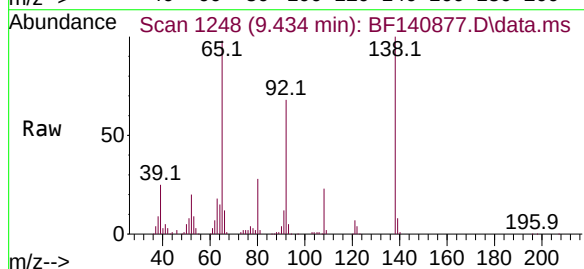
Tgt Ion: 65 Resp: 107544

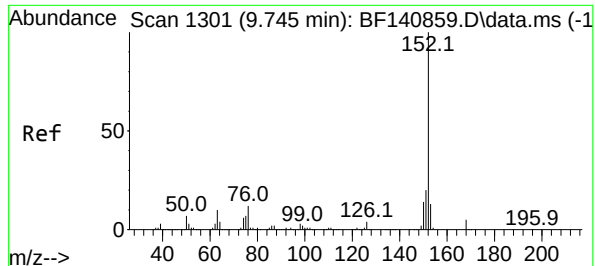
Ion Ratio Lower Upper

65 100

92 69.2 56.3 84.5

138 102.4 83.8 125.6





#49

Acenaphthylene

Concen: 55.339 ng

RT: 9.745 min Scan# 1301

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:152 Resp: 541139

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

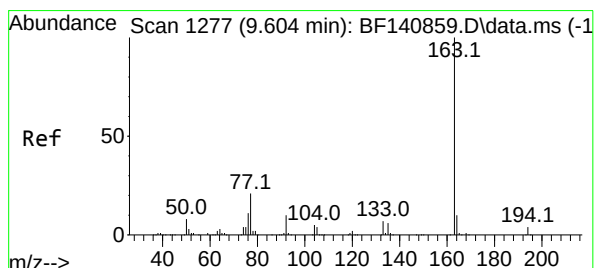
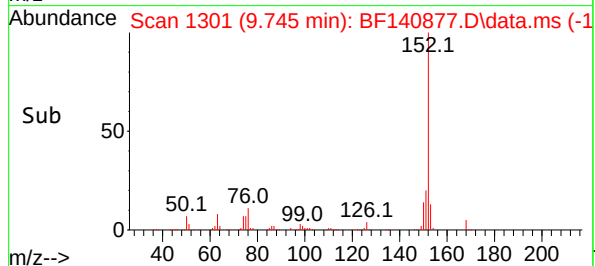
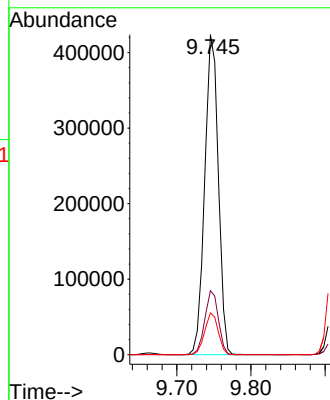
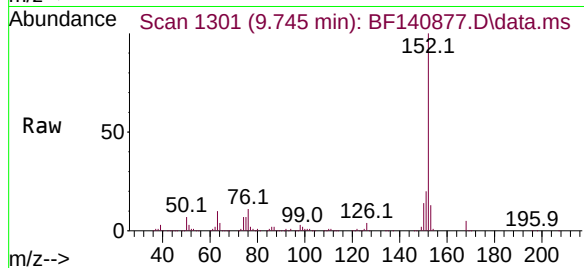
153 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#50

Dimethylphthalate

Concen: 54.241 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

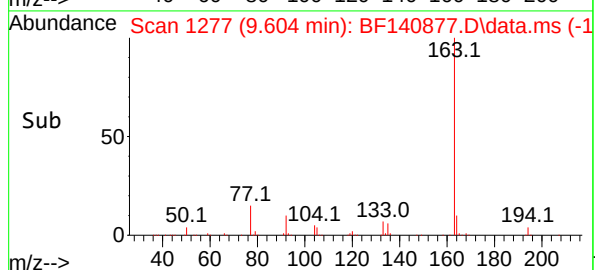
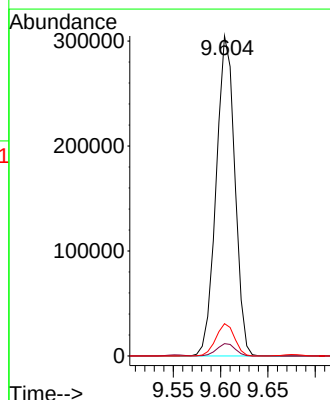
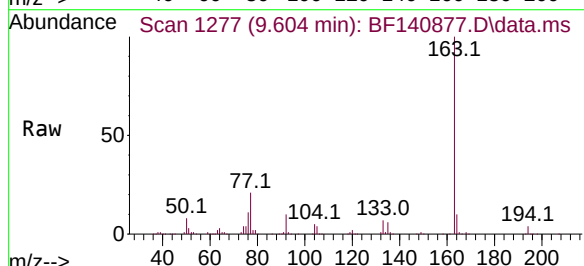
Tgt Ion:163 Resp: 418300

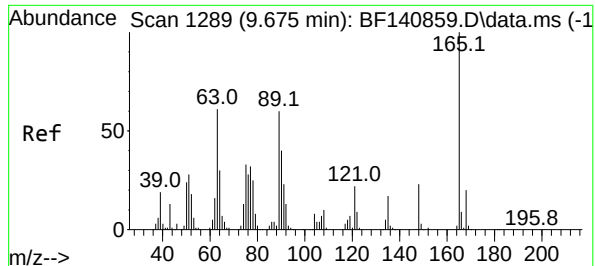
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

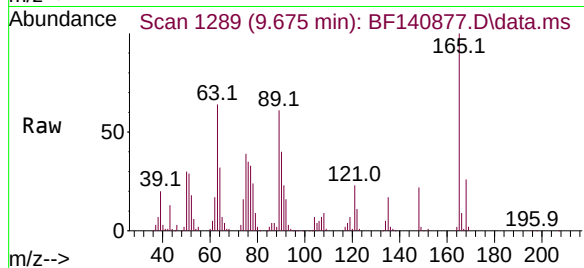
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.852 ng
RT: 9.675 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

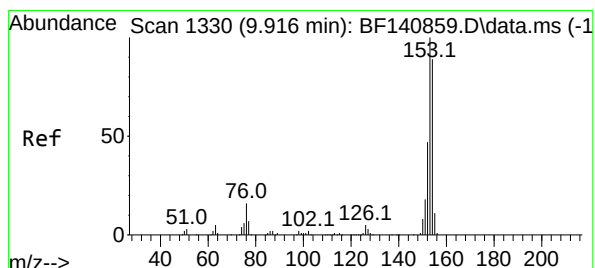
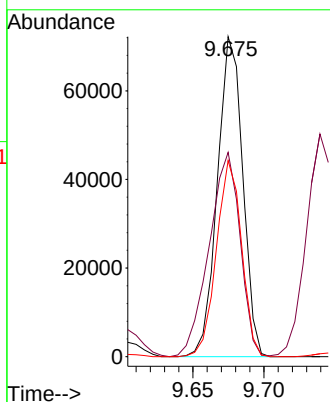
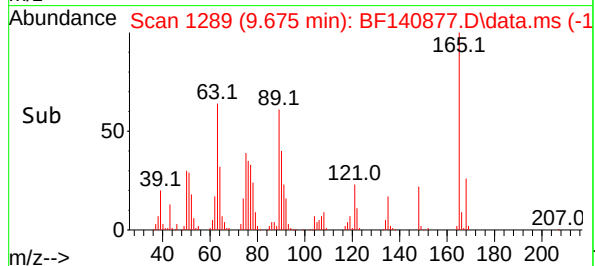
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion:165 Resp: 89652
Ion Ratio Lower Upper
165 100
63 63.8 49.7 74.5
89 61.3 48.2 72.4

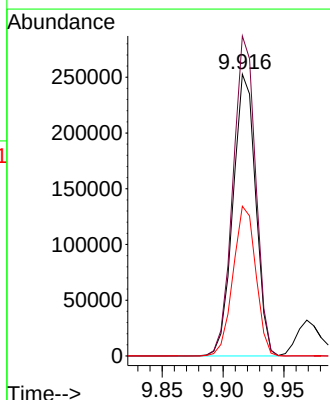
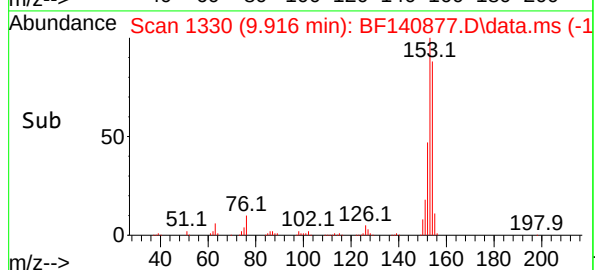
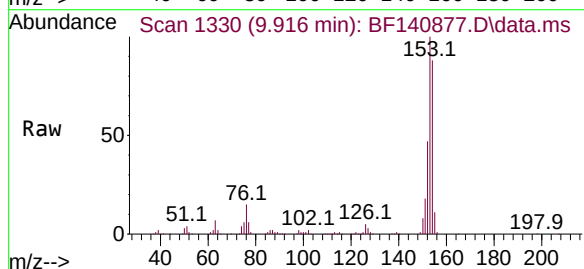
Manual Integrations
APPROVED

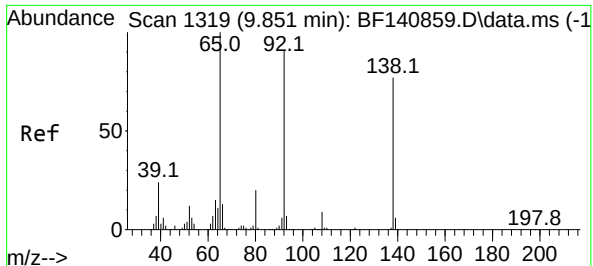
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#52
Acenaphthene
Concen: 52.391 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:154 Resp: 327255
Ion Ratio Lower Upper
154 100
153 113.6 89.9 134.9
152 53.2 42.6 63.8





#53
3-Nitroaniline
Concen: 34.227 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

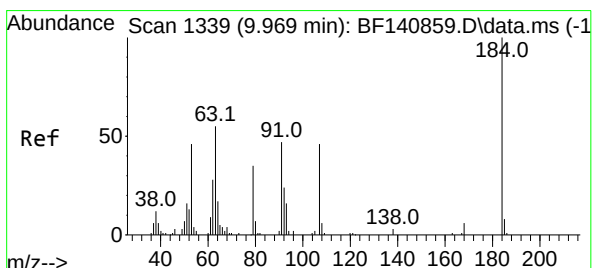
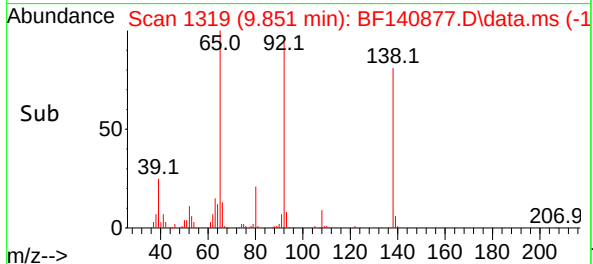
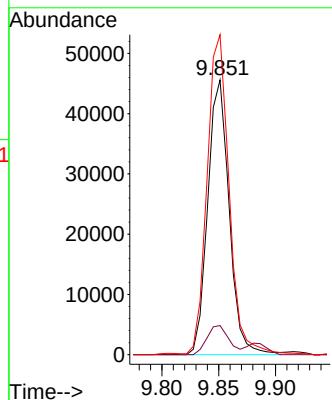
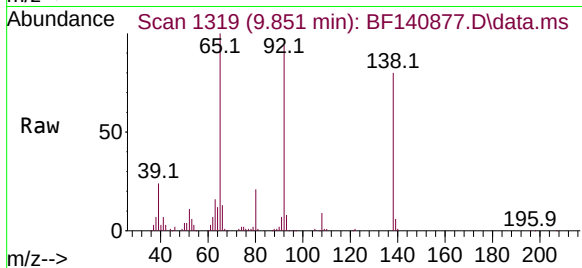
ClientSampleId :

PB165623BSD

Tgt Ion:138 Resp: 5988
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 116.5 95.5 143.3

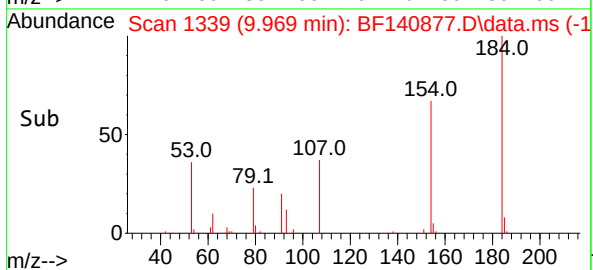
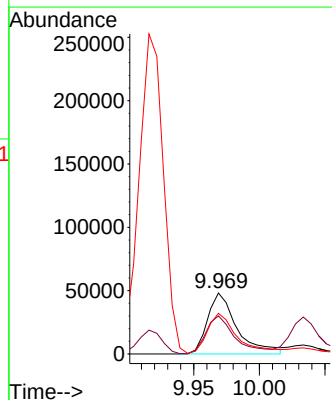
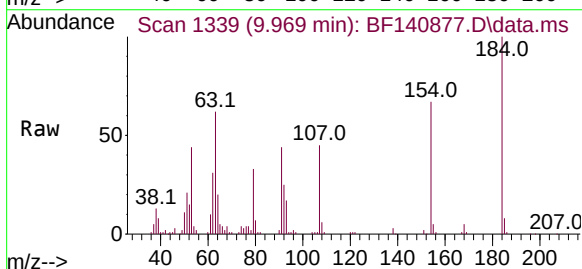
Manual Integrations
APPROVED

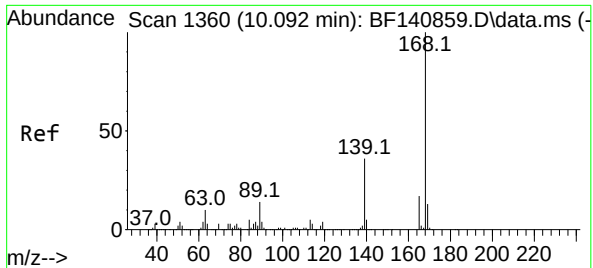
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#54
2,4-Dinitrophenol
Concen: 87.117 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

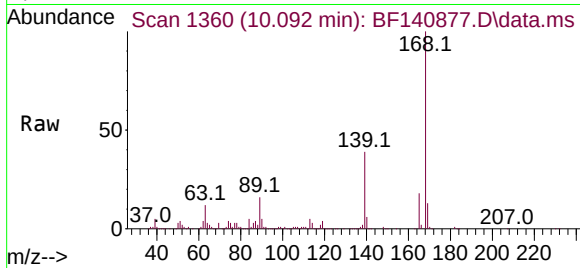
Tgt Ion:184 Resp: 75484
Ion Ratio Lower Upper
184 100
63 62.5 51.6 77.4
154 66.8 56.1 84.1





#55
Dibenzenofuran
Concen: 51.607 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

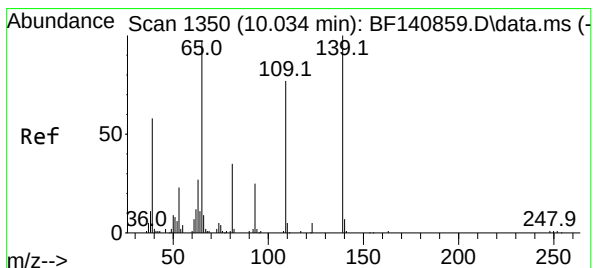
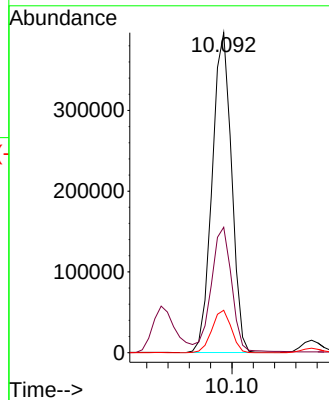
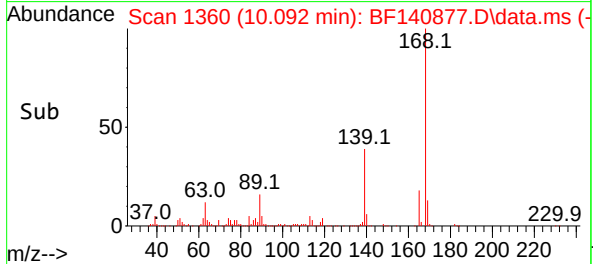
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion:168 Resp: 49951
Ion Ratio Lower Upper
168 100
139 39.2 31.1 46.7
169 13.3 10.6 16.0

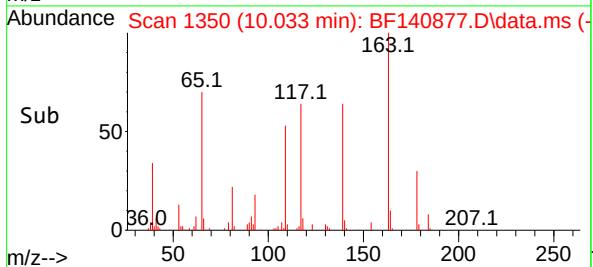
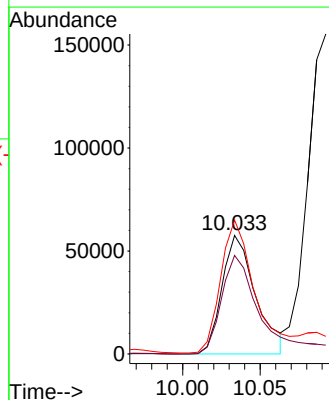
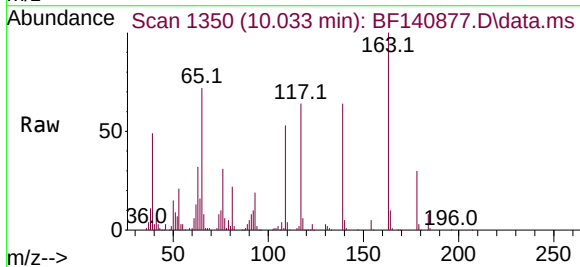
Manual Integrations
APPROVED

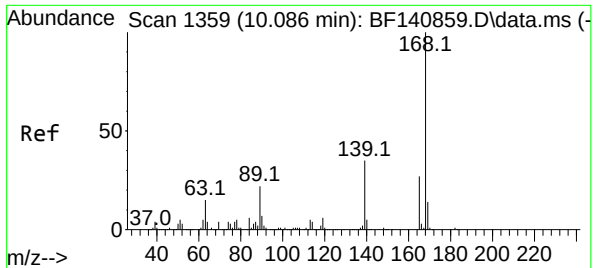
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#56
4-Nitrophenol
Concen: 91.508 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.001 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

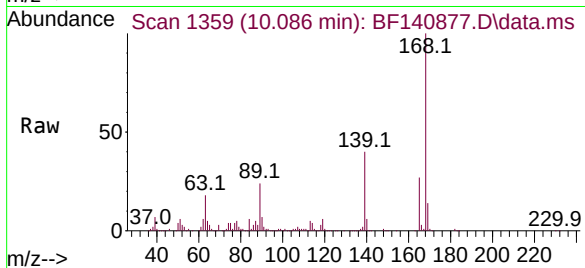
Tgt Ion:139 Resp: 86755
Ion Ratio Lower Upper
139 100
109 83.1 56.7 96.7
65 112.9 78.1 118.1





#57
2,4-Dinitrotoluene
Concen: 50.541 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

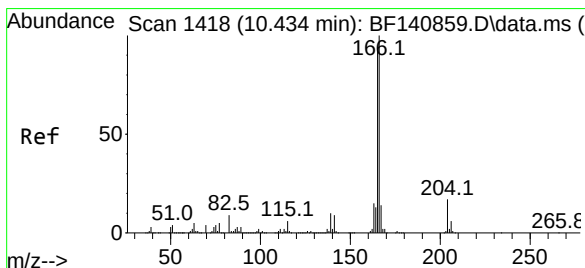
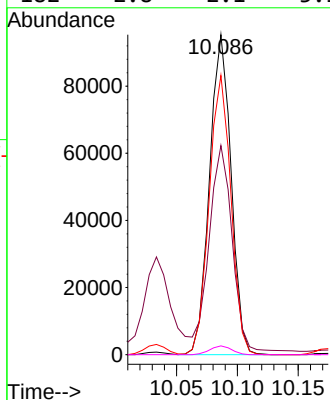
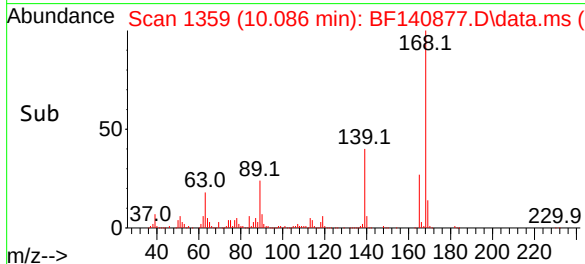
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion:165 Resp: 117238
Ion Ratio Lower Upper
165 100
63 65.4 49.3 73.9
89 87.3 66.2 99.4
182 2.8 2.1 3.1

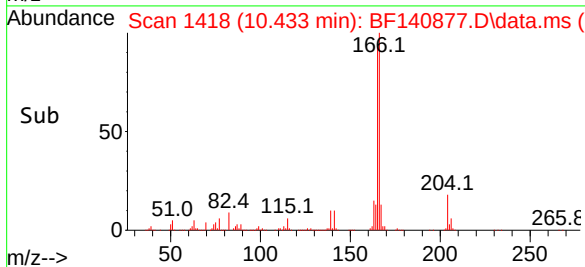
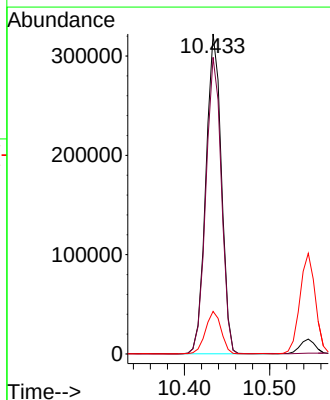
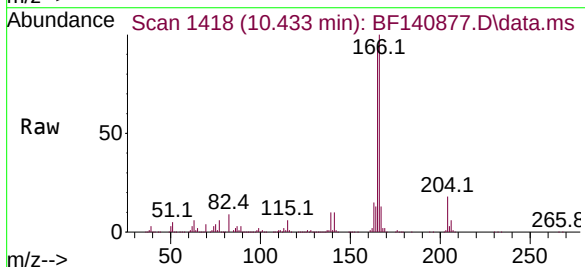
Manual Integrations
APPROVED

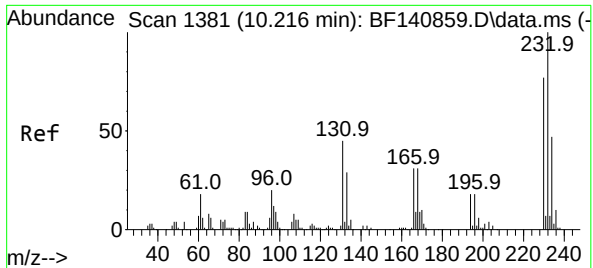
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#58
Fluorene
Concen: 50.784 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

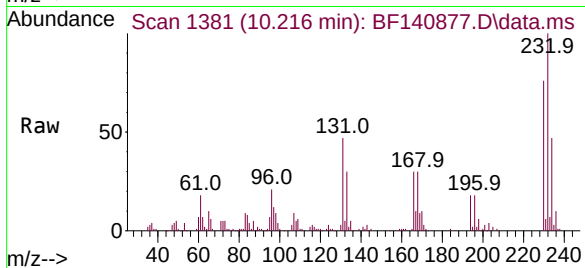
Tgt Ion:166 Resp: 405527
Ion Ratio Lower Upper
166 100
165 92.7 75.1 112.7
167 13.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.993 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

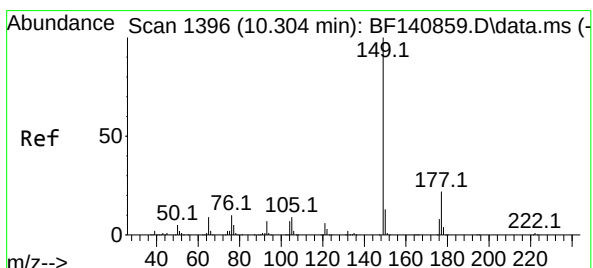
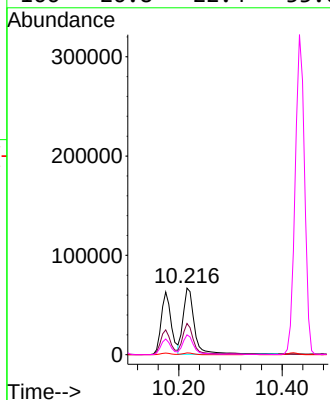
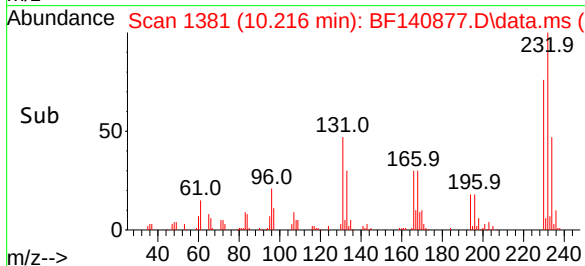
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



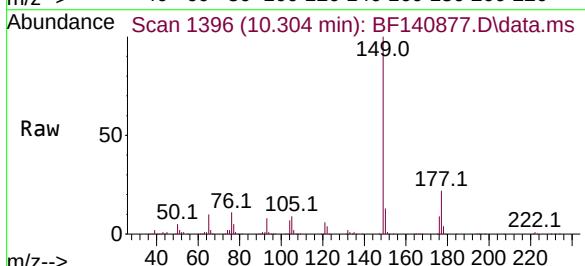
Tgt Ion:232 Resp: 10139
Ion Ratio Lower Upper
232 100
131 45.7 35.1 52.7
130 2.3 1.8 2.8
166 26.8 22.4 33.6

Manual Integrations
APPROVED

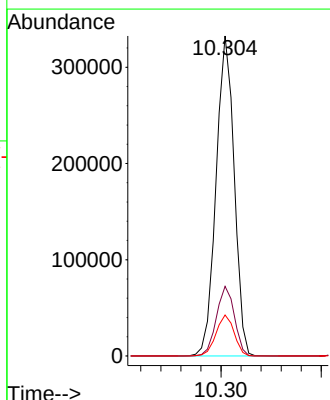
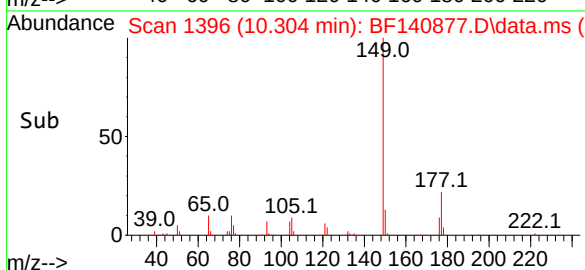
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

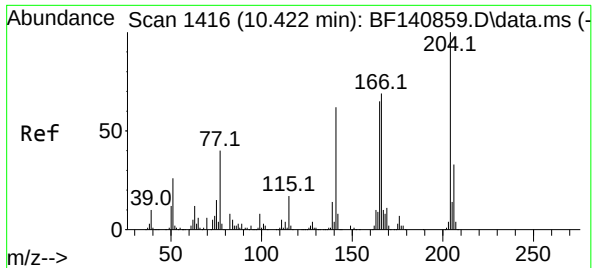


#60
Diethylphthalate
Concen: 52.105 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



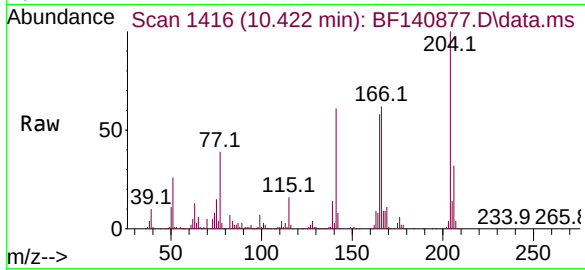
Tgt Ion:149 Resp: 416676
Ion Ratio Lower Upper
149 100
177 21.8 17.2 25.8
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.179 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

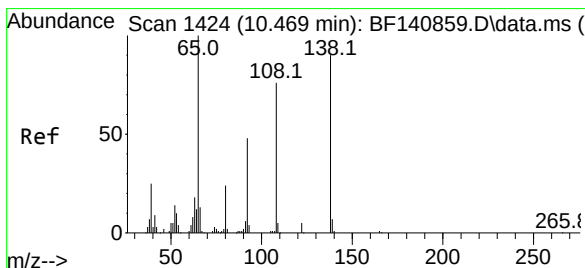
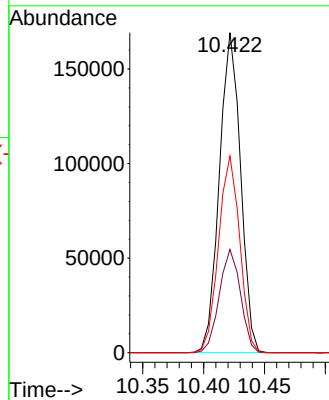
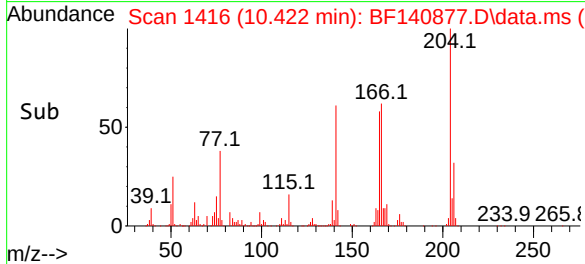
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion:204 Resp: 205280
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 61.5 50.0 75.0

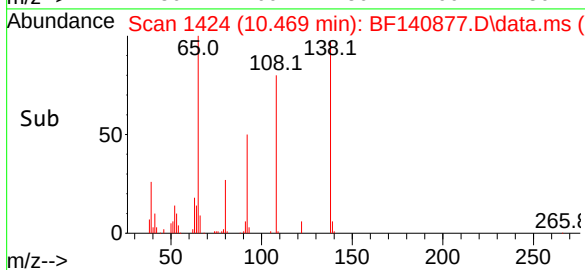
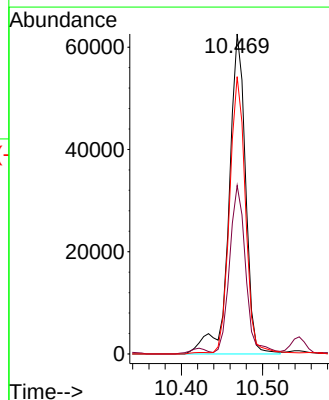
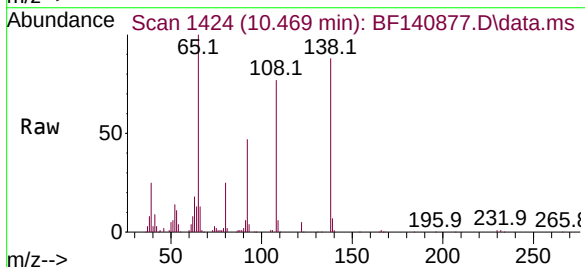
Manual Integrations
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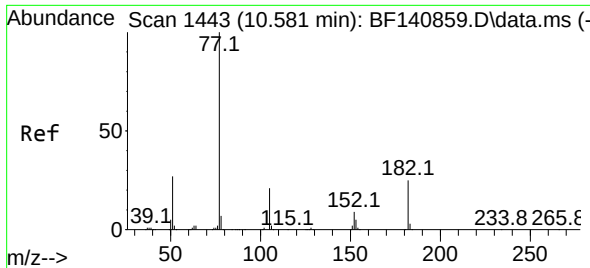
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#62
4-Nitroaniline
Concen: 48.661 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

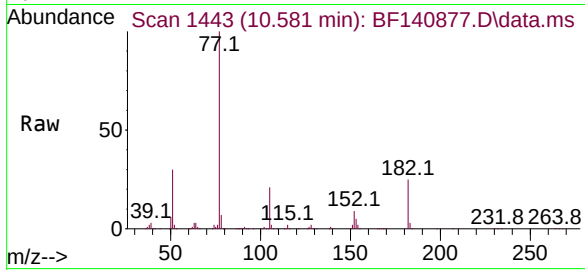
Tgt Ion:138 Resp: 88966
Ion Ratio Lower Upper
138 100
92 52.6 32.6 72.6
108 86.7 64.1 104.1





#63
Azobenzene
Concen: 50.725 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

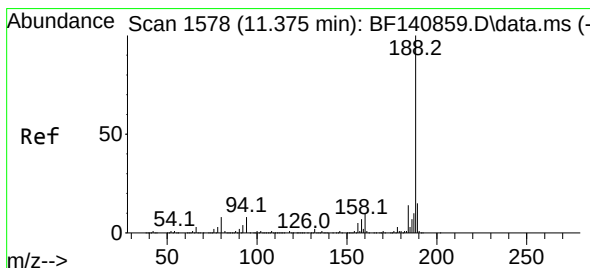
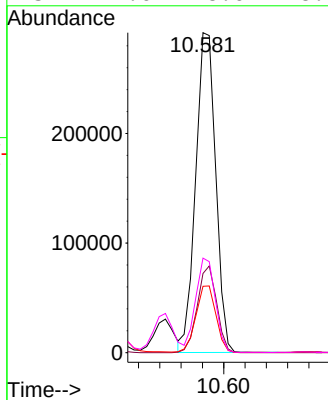
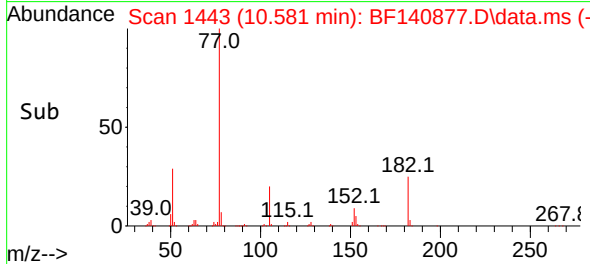
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



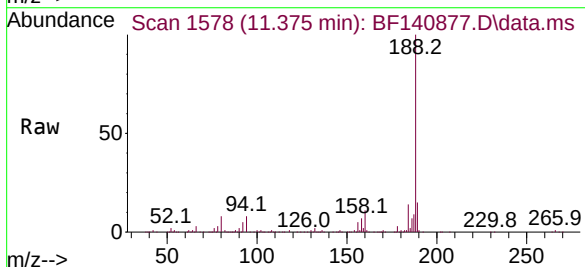
Tgt Ion: 77 Resp: 381354
Ion Ratio Lower Upper
77 100
182 24.8 4.5 44.5
105 20.8 0.9 40.9
51 29.6 8.6 48.6

Manual Integrations
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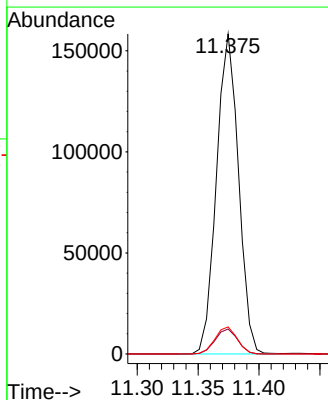
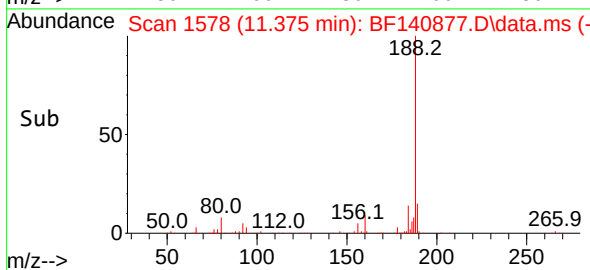
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

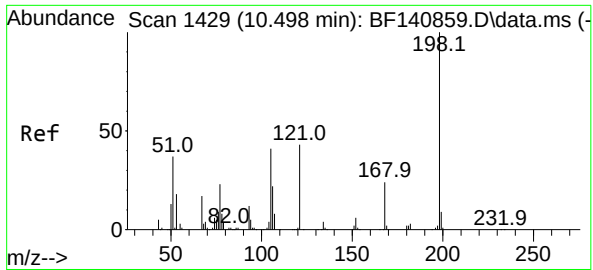


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



Tgt Ion:188 Resp: 199182
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.5 6.8 10.2





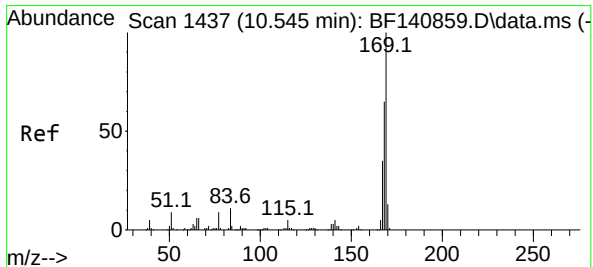
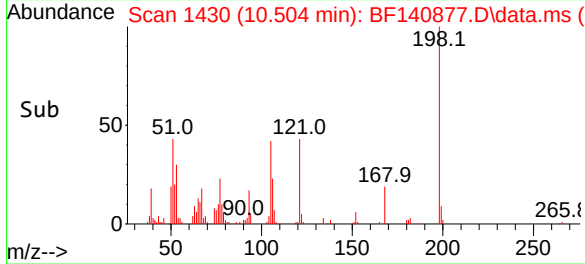
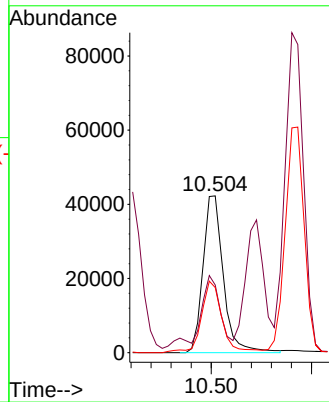
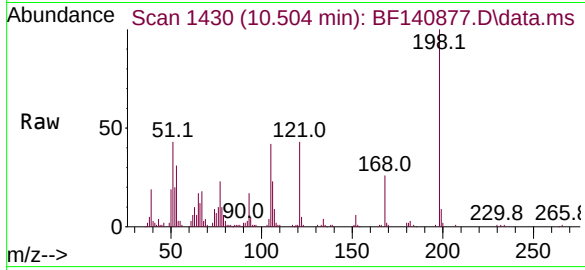
#65
4,6-Dinitro-2-methylphenol
Concen: 53.046 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Tgt Ion:198 Resp: 5987
Ion Ratio Lower Upper
198 100
51 43.1 24.4 64.4
105 41.5 22.1 62.1

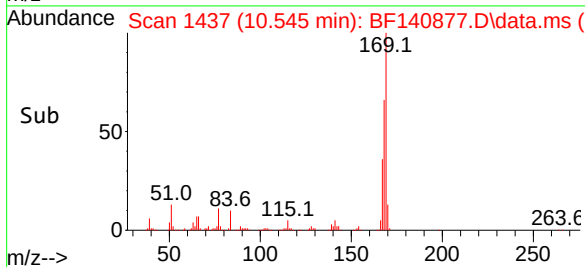
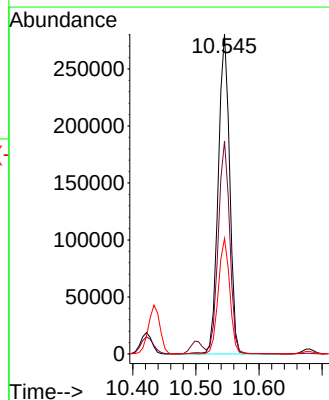
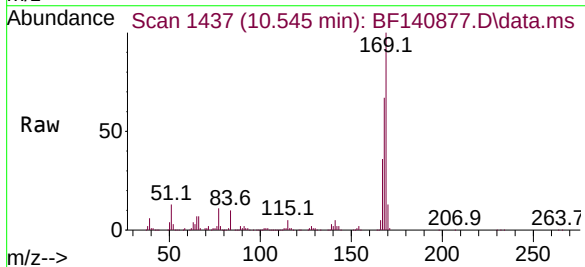
Manual Integrations
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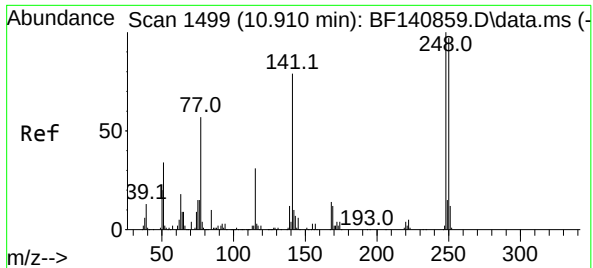
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#66
n-Nitrosodiphenylamine
Concen: 57.502 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

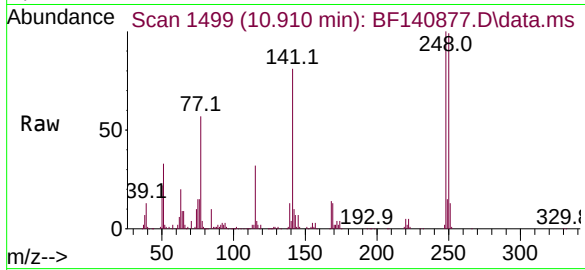
Tgt Ion:169 Resp: 352140
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.0
167 36.1 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 53.332 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

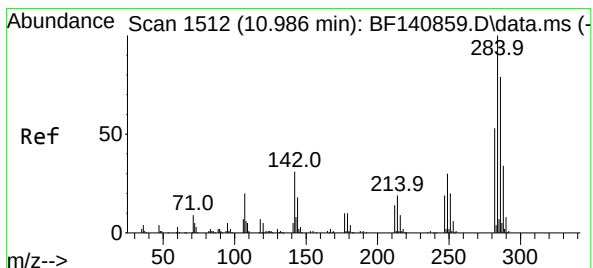
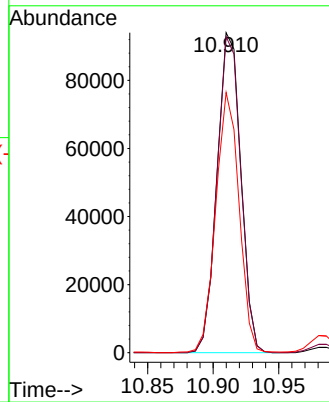
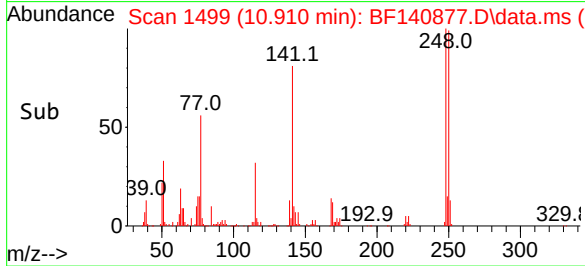
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion:248 Resp: 118840
Ion Ratio Lower Upper
248 100
250 98.7 77.4 116.2
141 81.3 62.9 94.3

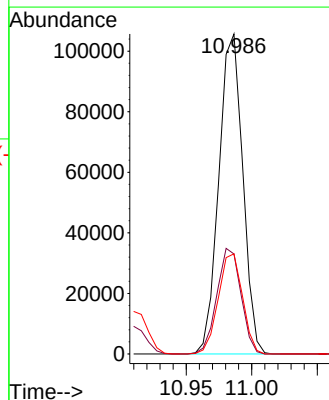
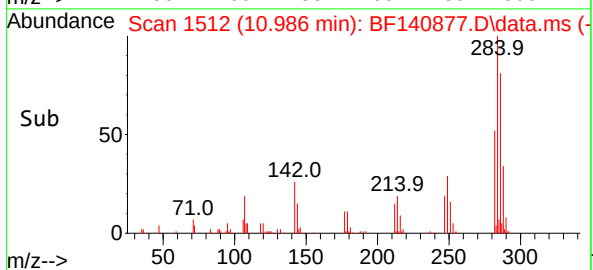
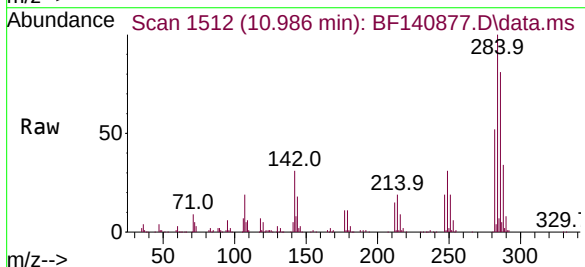
Manual Integrations
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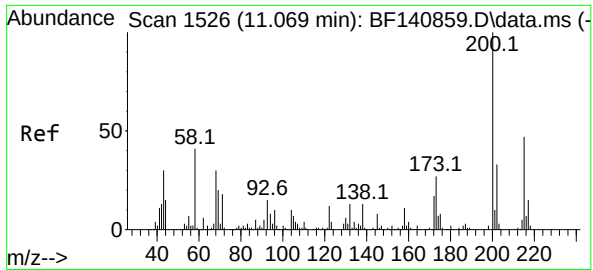
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#68
Hexachlorobenzene
Concen: 53.026 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:284 Resp: 133965
Ion Ratio Lower Upper
284 100
142 31.2 24.6 36.8
249 31.3 24.3 36.5





#69

Atrazine

Concen: 67.954 ng

RT: 11.075 min Scan# 1526

Delta R.T. 0.006 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:200 Resp: 11622

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

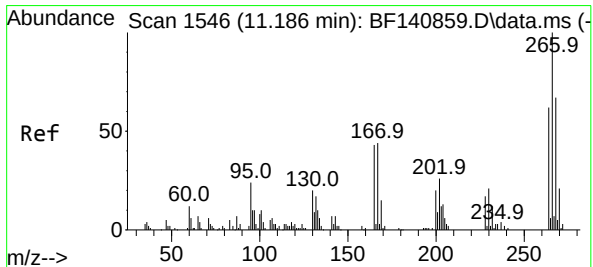
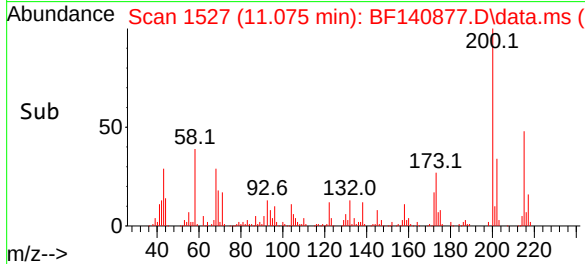
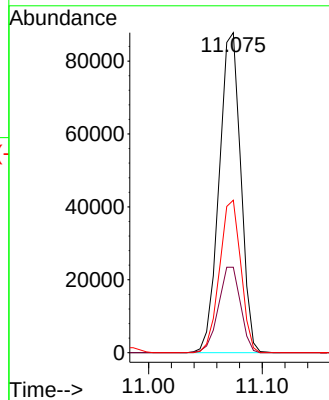
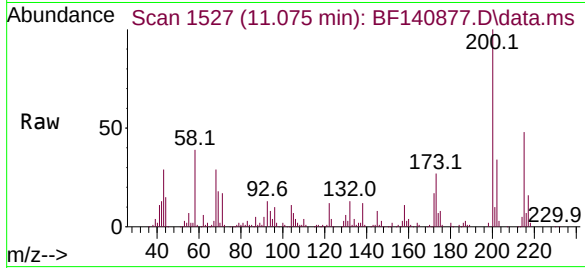
215 47.7 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#70

Pentachlorophenol

Concen: 99.173 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

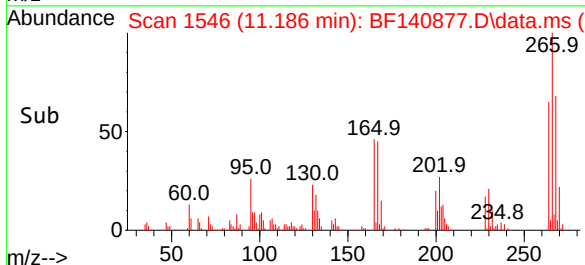
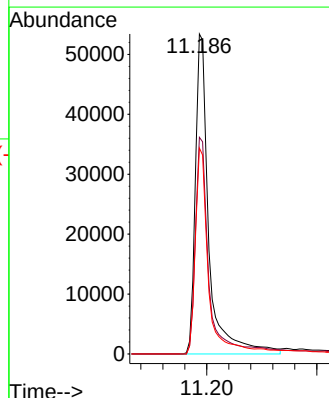
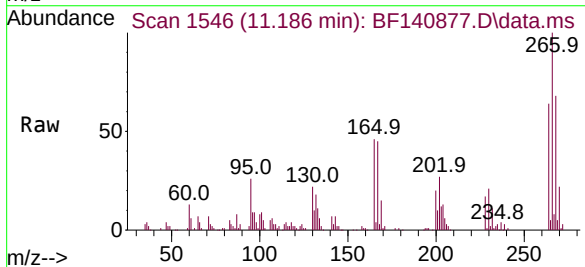
Tgt Ion:266 Resp: 91604

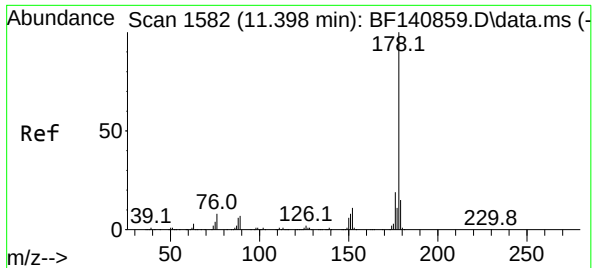
Ion Ratio Lower Upper

266 100

268 67.7 54.0 81.0

264 64.4 49.4 74.2





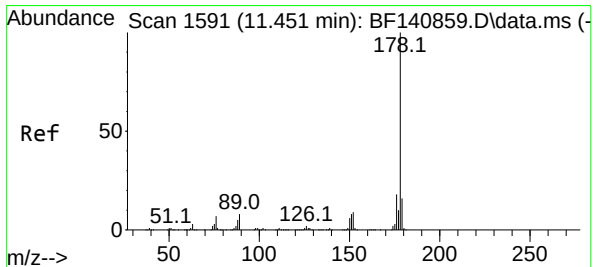
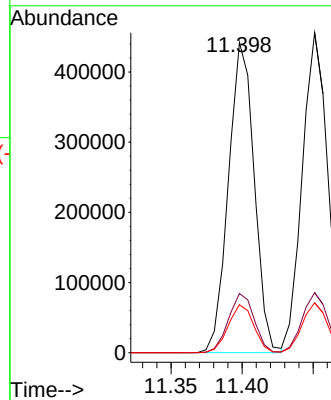
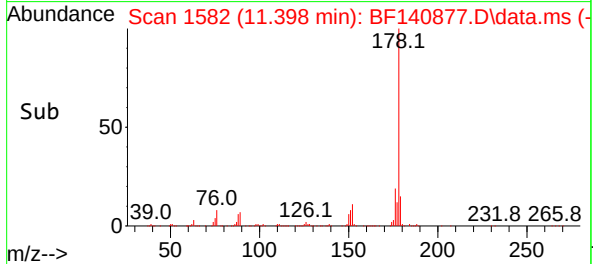
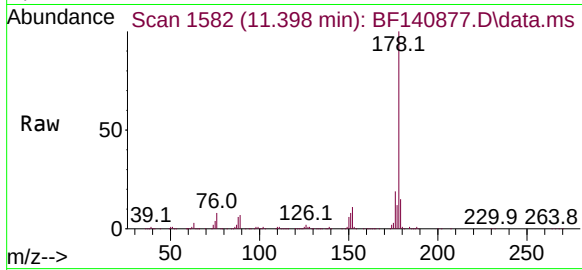
#71
Phenanthrene
Concen: 54.633 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Tgt Ion:178 Resp: 559598
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.5 12.1 18.1

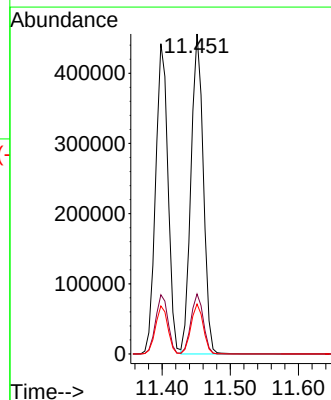
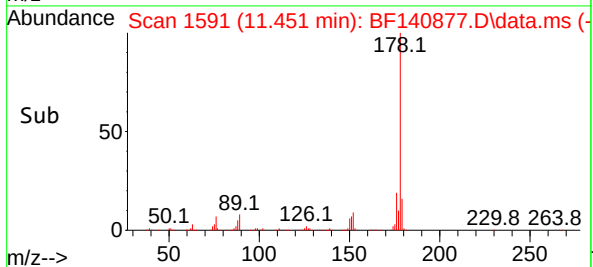
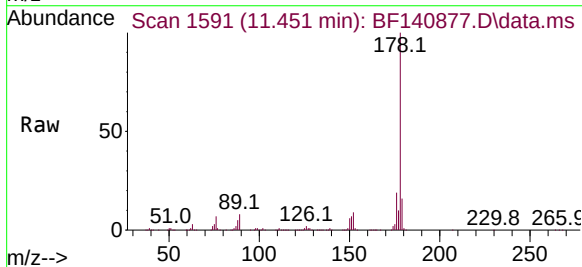
Manual Integrations
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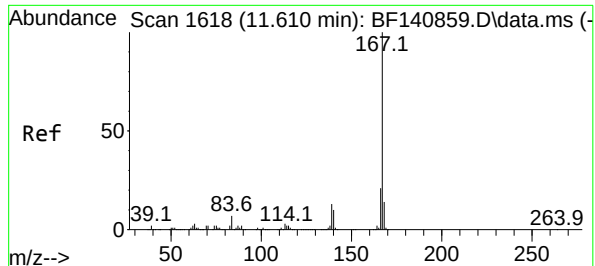
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#72
Anthracene
Concen: 56.373 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:178 Resp: 568637
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.6 12.6 18.8





#73

Carbazole

Concen: 51.665 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:167 Resp: 51046

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

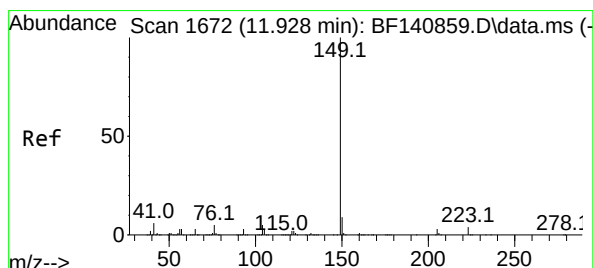
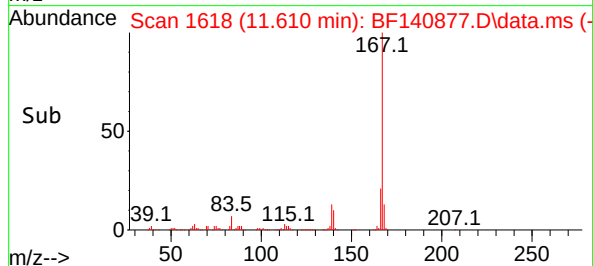
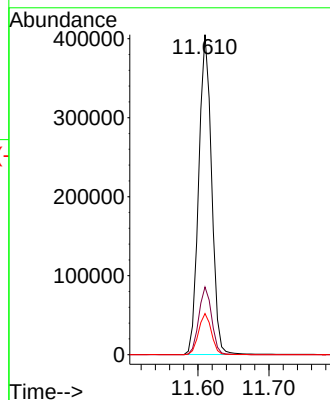
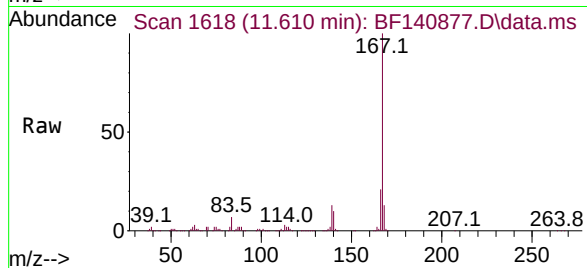
139 12.8 10.2 15.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#74

Di-n-butylphthalate

Concen: 54.409 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

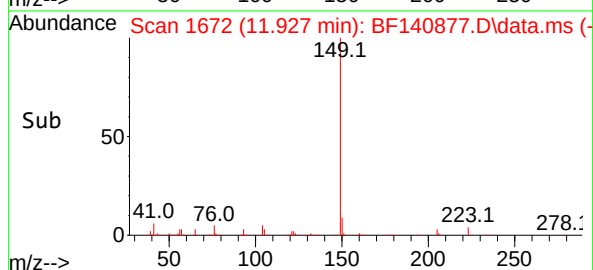
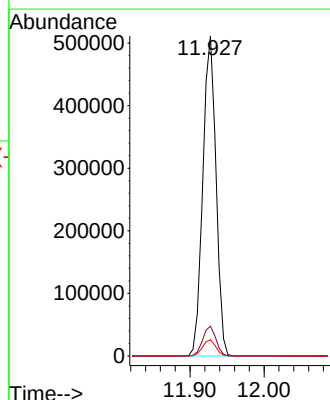
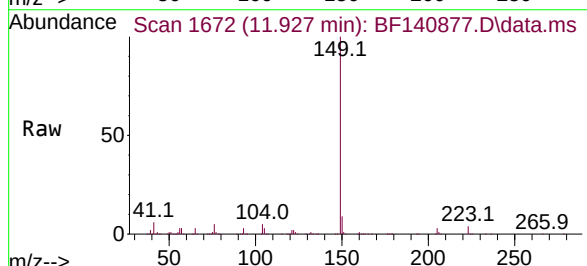
Tgt Ion:149 Resp: 630897

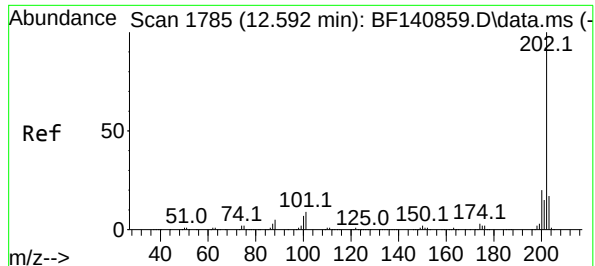
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.0 3.8 5.8





#75

Fluoranthene

Concen: 51.045 ng

RT: 12.592 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:202 Resp: 60214

Ion Ratio Lower Upper

202 100

101 8.6 0.0 29.3

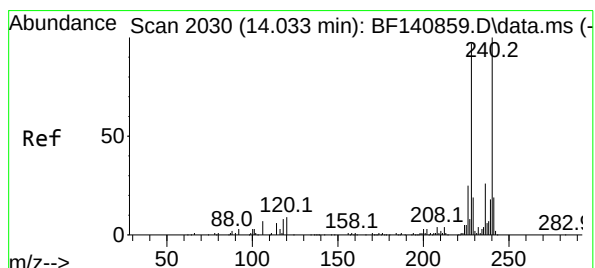
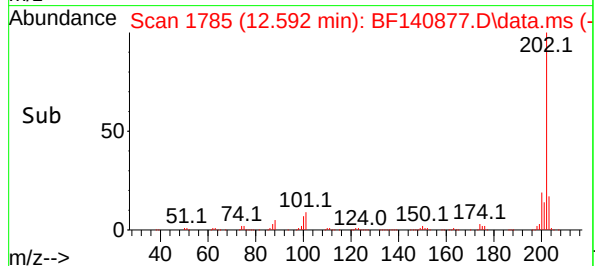
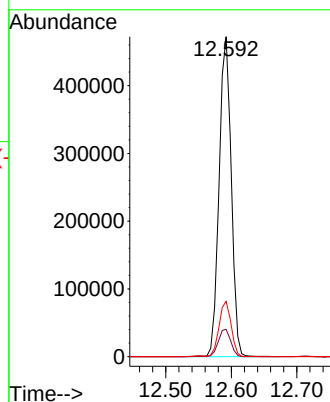
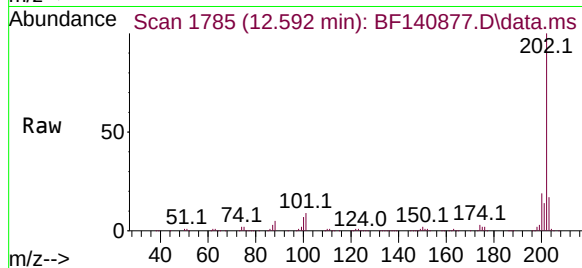
203 17.3 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

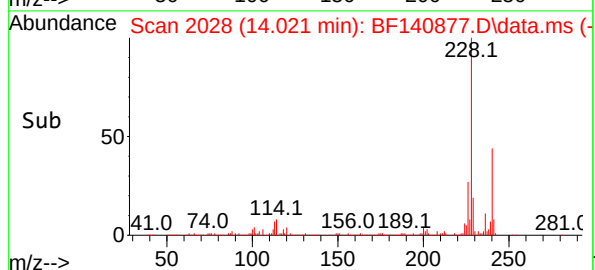
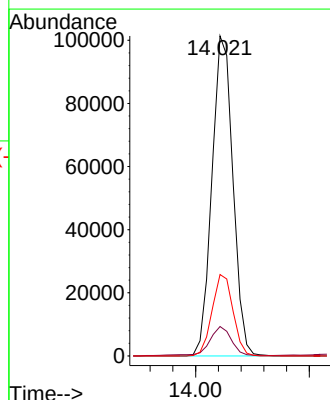
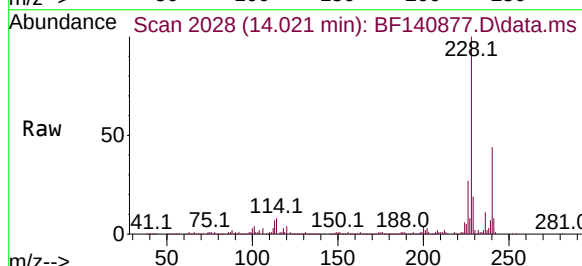
Tgt Ion:240 Resp: 129993

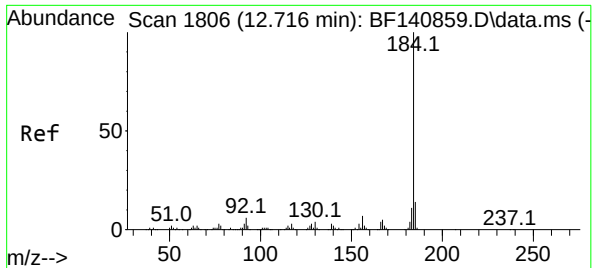
Ion Ratio Lower Upper

240 100

120 9.2 7.6 11.4

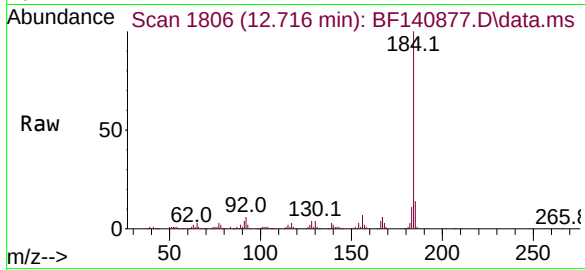
236 25.4 20.5 30.7





#77
Benzidine
Concen: 63.598 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

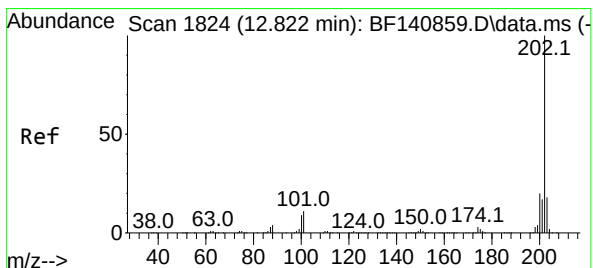
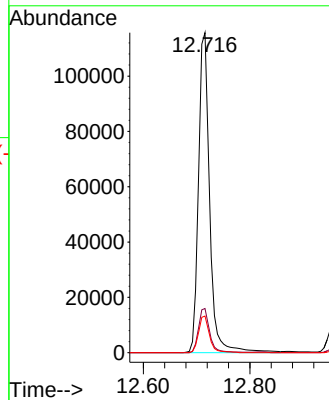
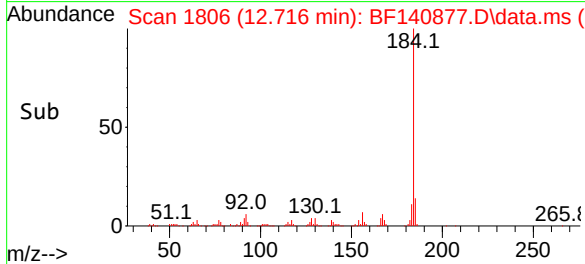
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



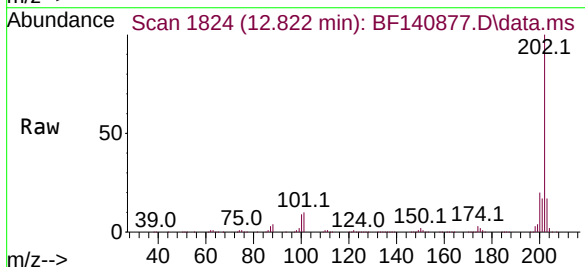
Tgt Ion:184 Resp: 16873
Ion Ratio Lower Upper
184 100
185 13.8 11.1 16.7
183 11.5 9.0 13.4

Manual Integrations
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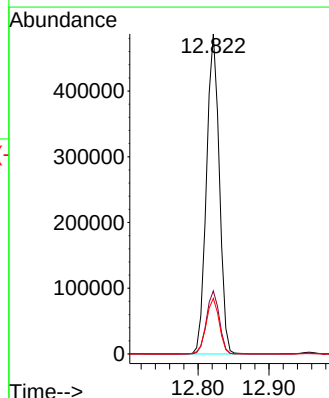
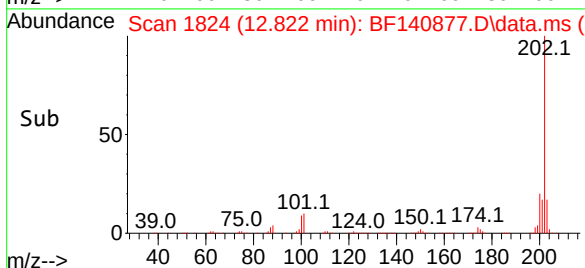
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

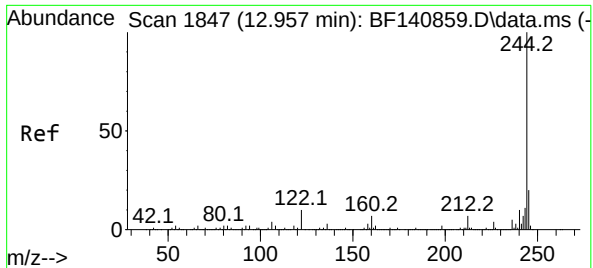


#78
Pyrene
Concen: 52.933 ng
RT: 12.822 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



Tgt Ion:202 Resp: 611888
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 110.188 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:244 Resp: 90836

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

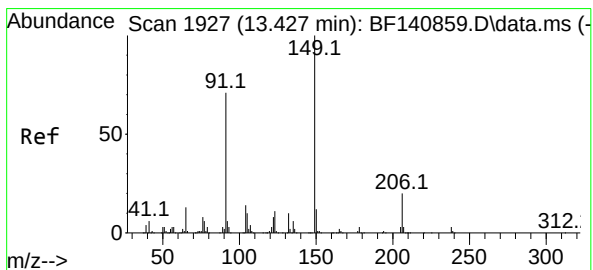
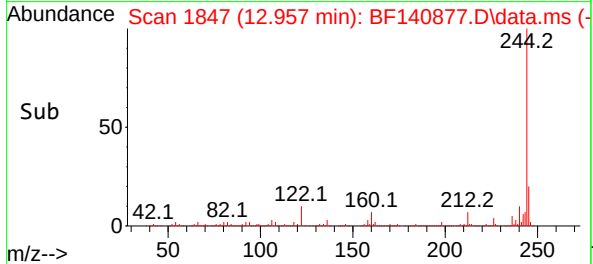
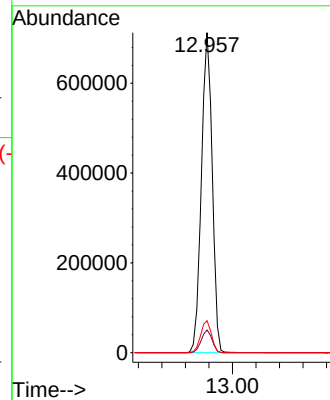
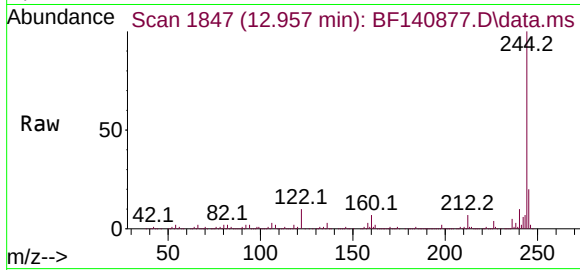
122 10.0 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#80

Butylbenzylphthalate

Concen: 56.338 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

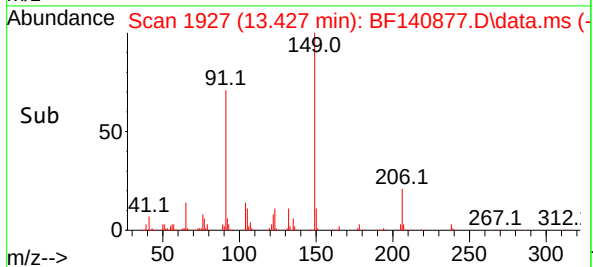
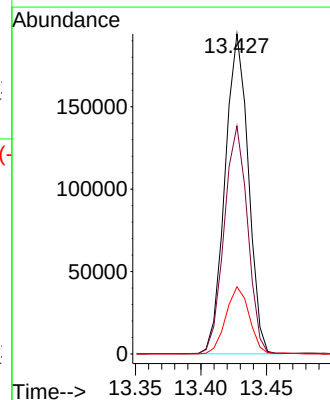
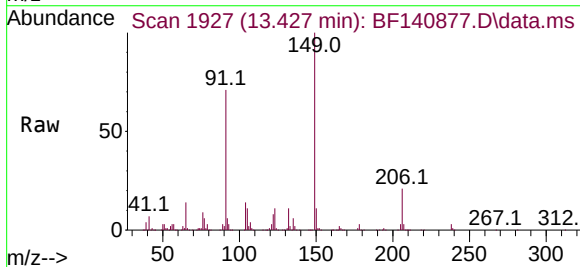
Tgt Ion:149 Resp: 239628

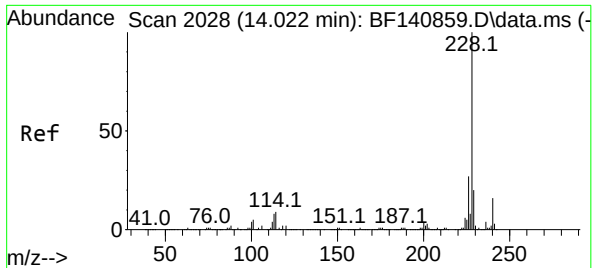
Ion Ratio Lower Upper

149 100

91 71.2 56.7 85.1

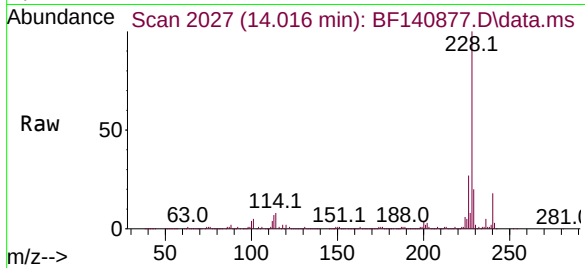
206 21.0 16.4 24.6





#81
Benzo(a)anthracene
Concen: 54.939 ng
RT: 14.016 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

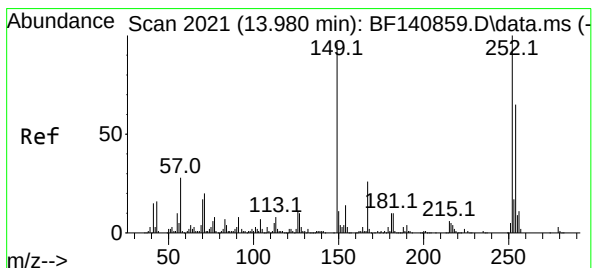
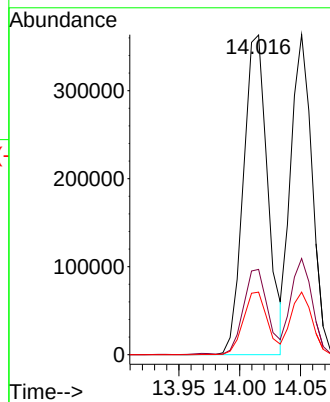
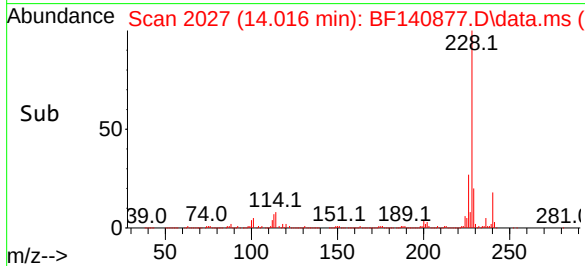
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



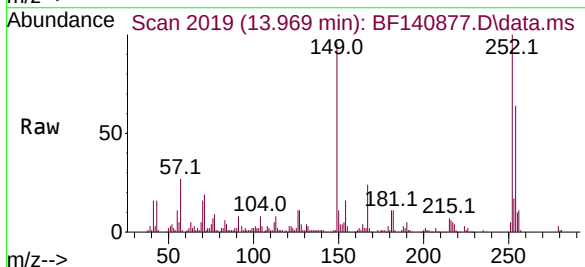
Tgt Ion:228 Resp: 50615
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.6 15.8 23.8

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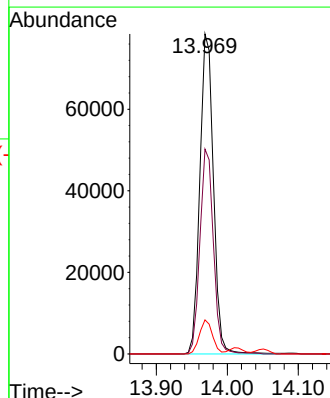
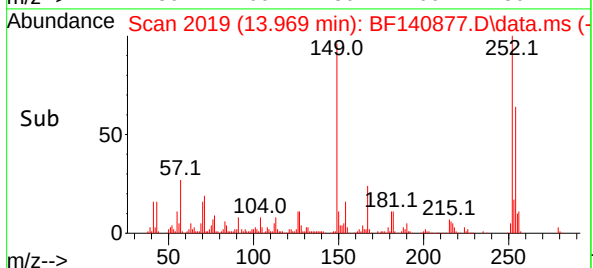
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

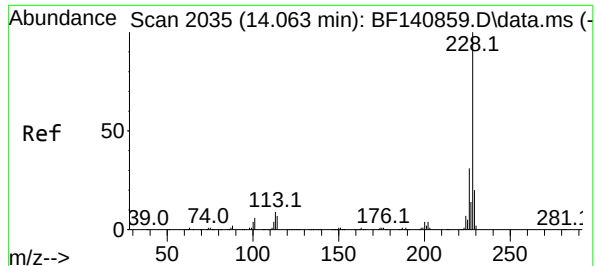


#82
3,3'-Dichlorobenzidine
Concen: 37.611 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



Tgt Ion:252 Resp: 104545
Ion Ratio Lower Upper
252 100
254 64.0 52.3 78.5
126 10.7 8.4 12.6





#83

Chrysene

Concen: 52.634 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:228 Resp: 440952

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

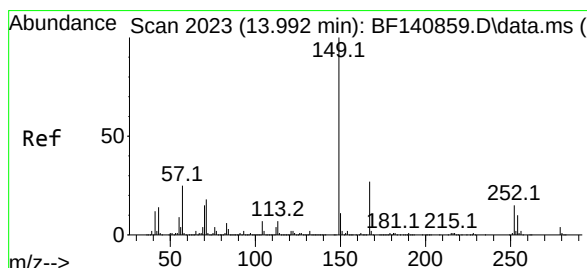
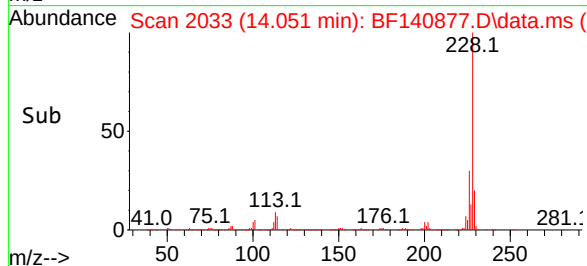
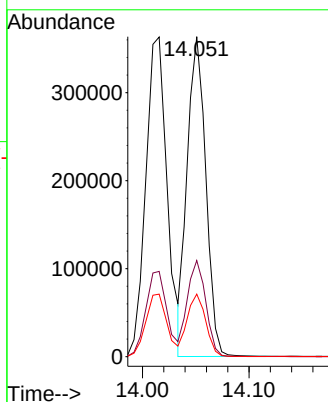
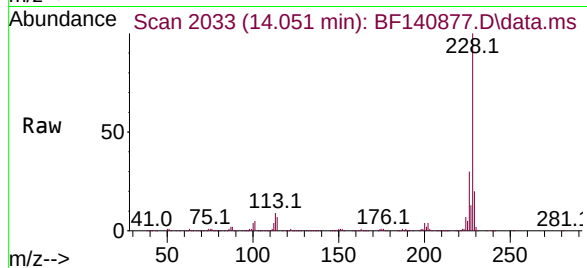
229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.225 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

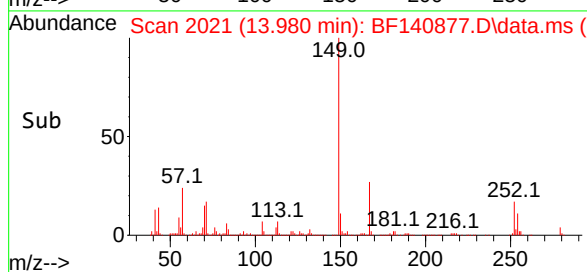
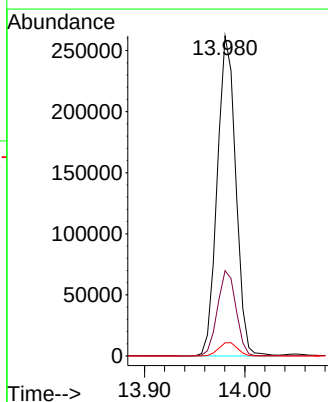
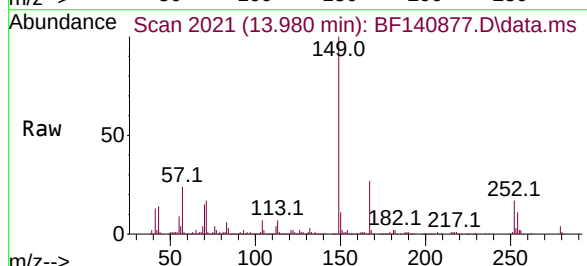
Tgt Ion:149 Resp: 335787

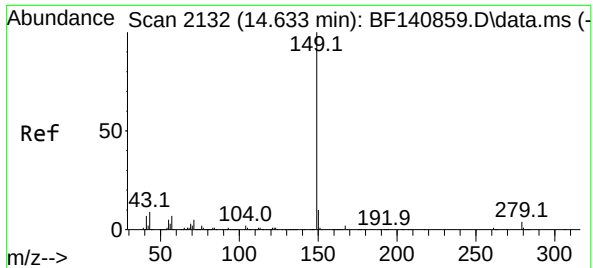
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

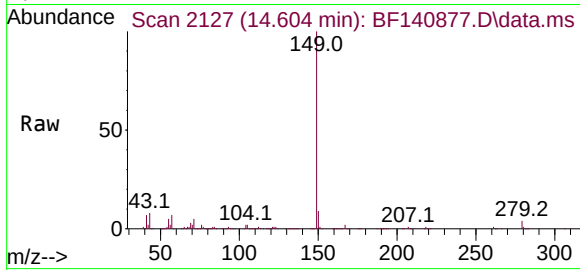
279 4.1 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 62.392 ng
RT: 14.604 min Scan# 2132
Delta R.T. -0.029 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

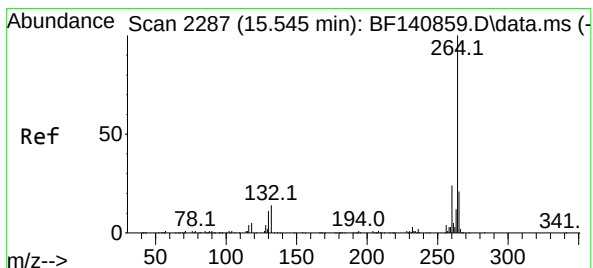
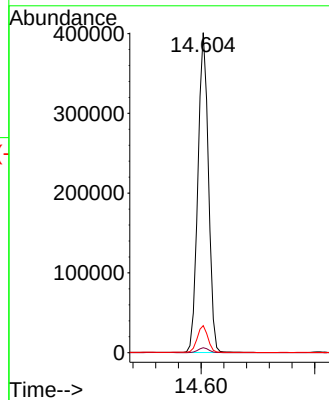
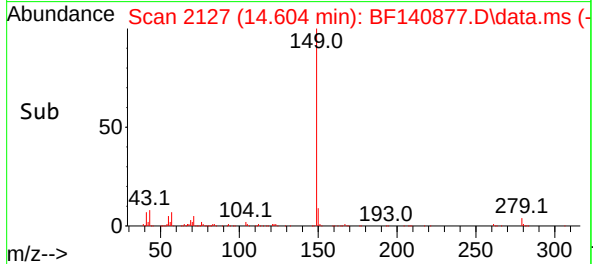
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion:149 Resp: 517690
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 7.0 10.6

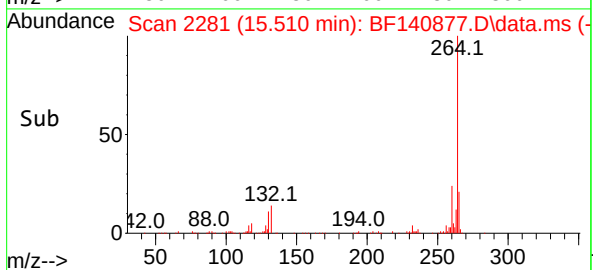
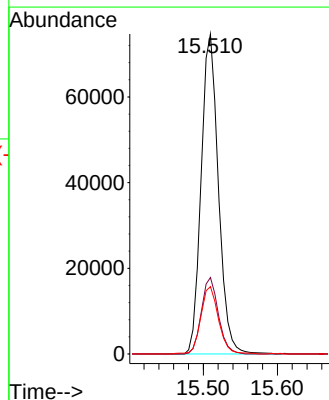
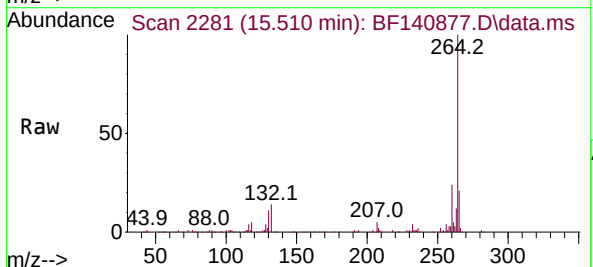
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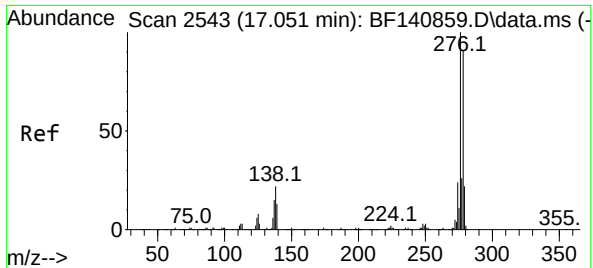
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. -0.035 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:264 Resp: 121005
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.979 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:276 Resp: 483120

Ion Ratio Lower Upper

276 100

138 19.7 16.9 25.3

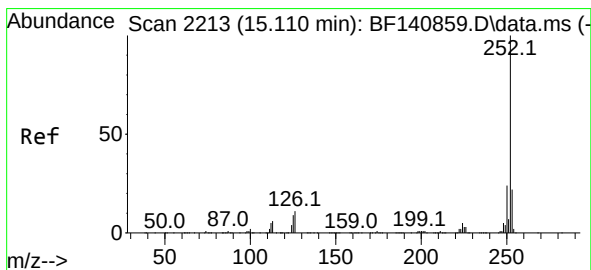
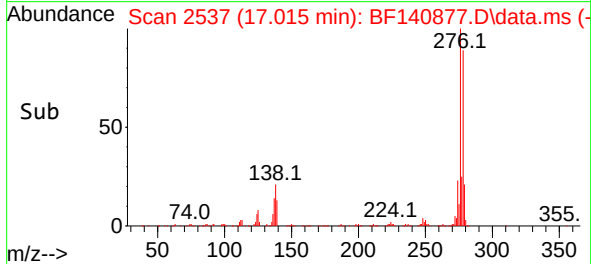
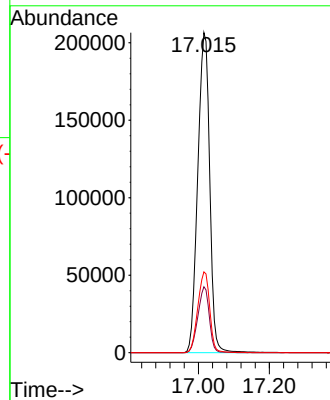
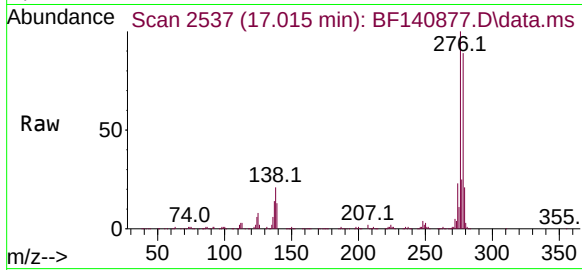
277 25.1 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#88

Benzo(b)fluoranthene

Concen: 54.014 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.035 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

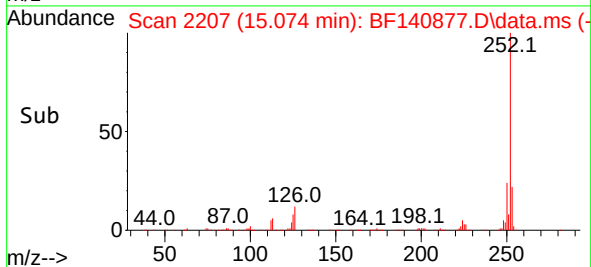
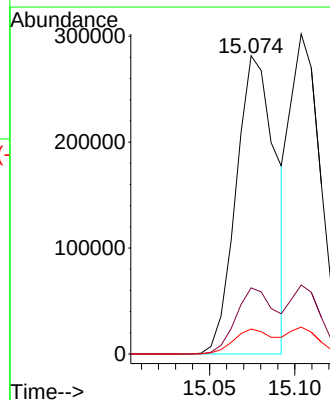
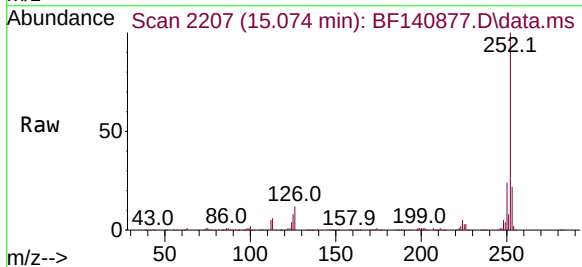
Tgt Ion:252 Resp: 453696

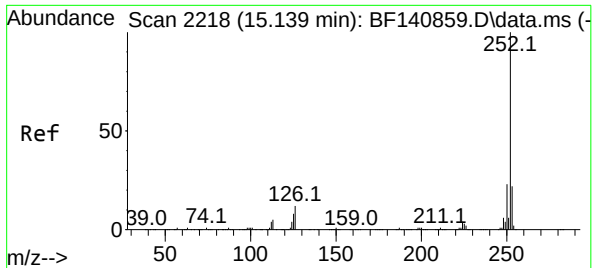
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.4 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 52.411 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:252 Resp: 377629

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

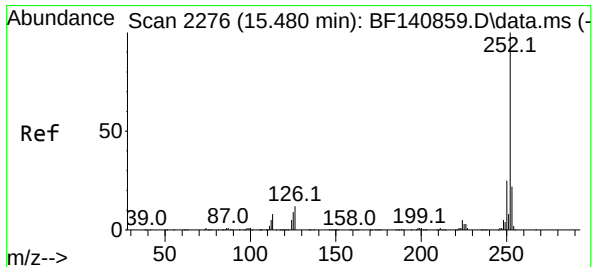
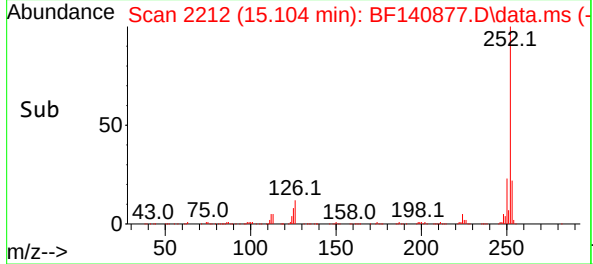
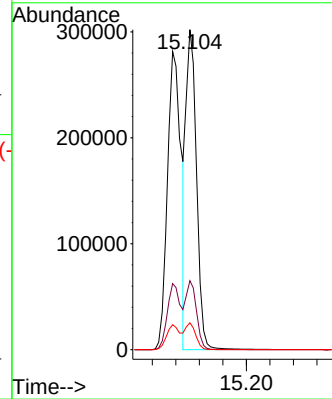
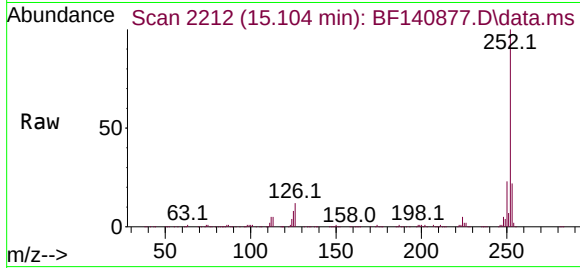
125 8.4 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#90

Benzo(a)pyrene

Concen: 58.990 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.035 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

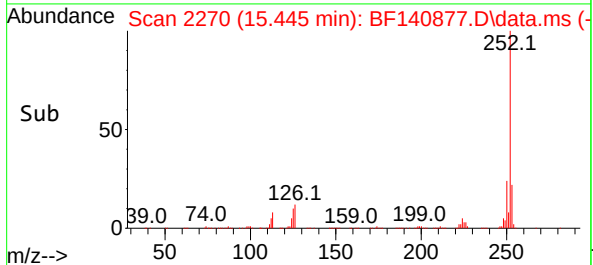
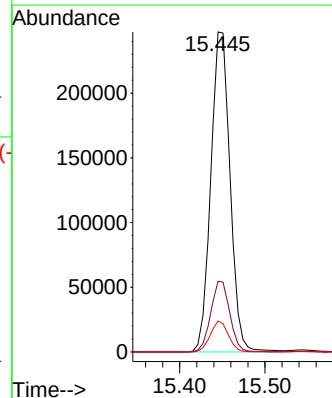
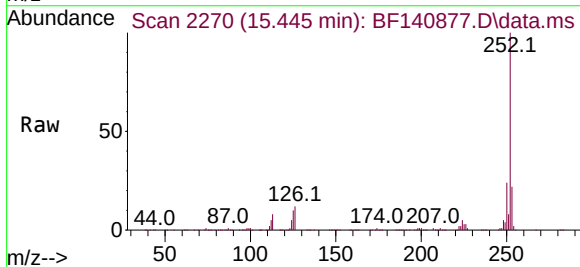
Tgt Ion:252 Resp: 387987

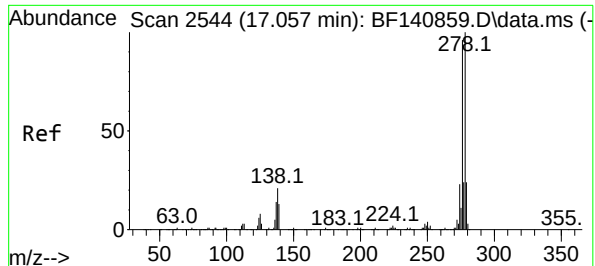
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.6 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 62.578 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:278 Resp: 391479

Ion Ratio Lower Upper

278 100

139 13.2 10.6 16.0

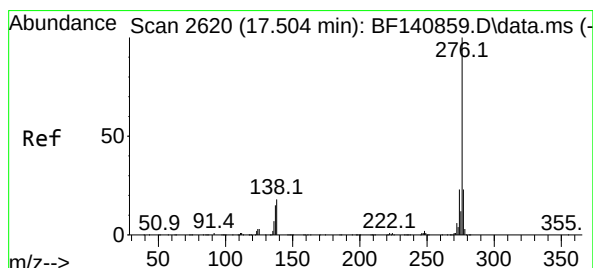
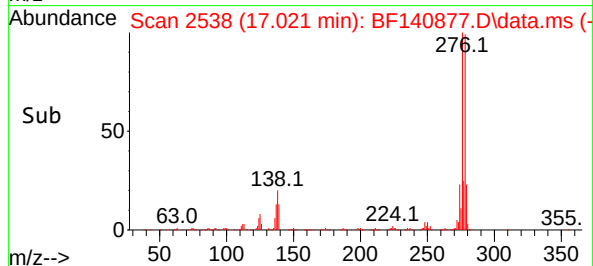
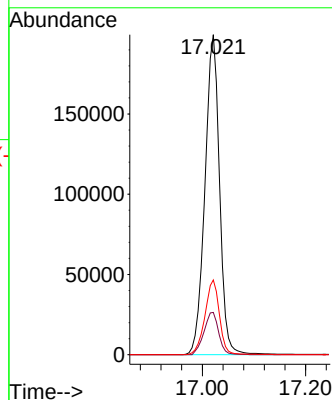
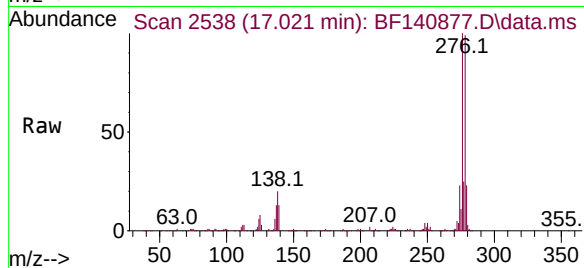
279 23.4 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#92

Benzo(g,h,i)perylene

Concen: 55.900 ng

RT: 17.462 min Scan# 2613

Delta R.T. -0.041 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

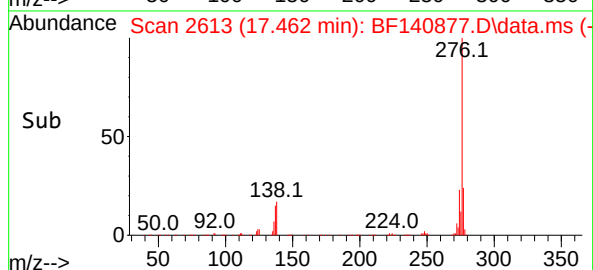
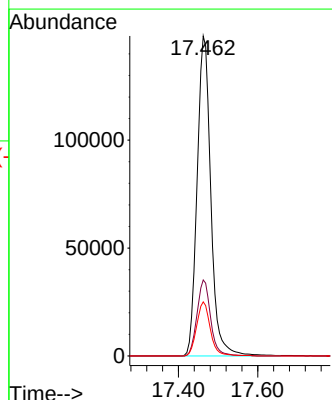
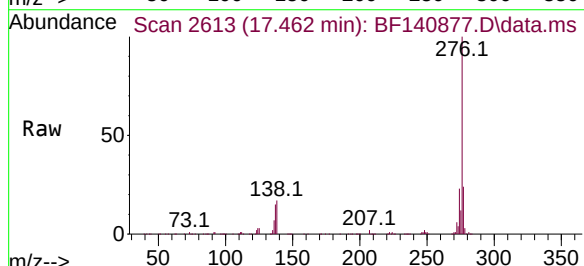
Tgt Ion:276 Resp: 355912

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 16.9 14.2 21.2



Manual Integration Report

Sequence:

BF112124

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF140530.D	Benzoic acid	yogesh	11/22/2024 3:53:18 AM	mohammad	11/27/2024 6:03:59 AM	Peak Integrated by Software
SSTDICC020	BF140531.D	Acenaphthene	yogesh	11/22/2024 3:53:19 AM	mohammad	11/27/2024 6:03:59 AM	Peak Integrated by Software
SSTDICCC040	BF140532.D	Acenaphthene	yogesh	11/22/2024 3:53:21 AM	mohammad	11/27/2024 6:03:59 AM	Peak Integrated by Software
SSTDICV040	BF140536.D	Acenaphthene	yogesh	11/22/2024 3:53:22 AM	mohammad	11/27/2024 6:03:59 AM	Peak Integrated by Software
SSTDCCC040	BF140539.D	2,4-Dimethylphenol	yogesh	11/22/2024 3:53:24 AM	mohammad	11/27/2024 6:03:59 AM	Peak Integrated by Software
SSTDCCC040	BF140539.D	Acenaphthene	yogesh	11/22/2024 3:53:24 AM	mohammad	11/27/2024 6:03:59 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

BF121324

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF140838.D	2,4-Dimethylphenol	yogesh	12/14/2024 3:51:22 AM	mohammad	12/14/2024 4:17:41 AM	Peak Integrated by Software
SSTDCCC040	BF140838.D	Caprolactam	yogesh	12/14/2024 3:51:22 AM	mohammad	12/14/2024 4:17:41 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:

bf121724

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB165623BS	BF140876.D	Caprolactam	yogesh	12/18/2024 1:50:27 AM	mohammad	12/19/2024 2:52:57 AM	Peak Integrated by Software
PB165623BSD	BF140877.D	Caprolactam	yogesh	12/18/2024 1:50:28 AM	mohammad	12/19/2024 2:52:57 AM	Peak Integrated by Software
P5270-08	BF140883.D	Fluorene	yogesh	12/19/2024 2:10:19 AM	mohammad	12/19/2024 2:52:57 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:	bf121824	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P5270-07DL2	BF140903.D	Fluorene	yogesh	12/21/2024 1:07:53 AM	mohammad	12/21/2024 2:30:36 AM	Peak Integrated by Software

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF112124

Review By	yogesh	Review On	11/22/2024 3:53:36 AM
Supervise By	mohammad	Supervise On	11/27/2024 6:04:00 AM
SubDirectory	BF112124	HP Acquire Method	BNA_F
		HP Processing Method	bf112124
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621		
CCC	SP6624		
Internal Standard/PEM	S12329,10ul/1000ul sample		
ICV/I.BLK	SP6559		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF140526.D	21 Nov 2024 10:17	RC/JU	Ok
2	SSTDCCC040	BF140527.D	21 Nov 2024 10:44	RC/JU	Not Ok
3	SSTDICC2.5	BF140528.D	21 Nov 2024 11:13	RC/JU	Ok
4	SSTDICC005	BF140529.D	21 Nov 2024 11:39	RC/JU	Ok
5	SSTDICC010	BF140530.D	21 Nov 2024 12:05	RC/JU	Ok,M
6	SSTDICC020	BF140531.D	21 Nov 2024 12:32	RC/JU	Ok,M
7	SSTDICCC040	BF140532.D	21 Nov 2024 12:58	RC/JU	Ok,M
8	SSTDICC050	BF140533.D	21 Nov 2024 13:25	RC/JU	Ok
9	SSTDICC060	BF140534.D	21 Nov 2024 13:51	RC/JU	Ok
10	SSTDICC080	BF140535.D	21 Nov 2024 14:18	RC/JU	Ok
11	SSTDICV040	BF140536.D	21 Nov 2024 15:07	RC/JU	Ok,M
12	PB165144BL	BF140537.D	21 Nov 2024 15:34	RC/JU	Ok
13	DFTPP	BF140538.D	21 Nov 2024 16:27	RC/JU	Ok
14	SSTDCCC040	BF140539.D	21 Nov 2024 16:54	RC/JU	Ok,M
15	PB165060TB	BF140540.D	21 Nov 2024 17:20	RC/JU	Ok
16	P4887-06	BF140541.D	21 Nov 2024 17:55	RC/JU	Ok
17	P4887-02	BF140542.D	21 Nov 2024 18:21	RC/JU	Ok
18	P4870-16	BF140543.D	21 Nov 2024 18:48	RC/JU	Ok
19	P4870-15	BF140544.D	21 Nov 2024 19:14	RC/JU	Ok
20	P4870-14	BF140545.D	21 Nov 2024 19:40	RC/JU	Ok
21	P4870-13	BF140546.D	21 Nov 2024 20:07	RC/JU	Ok

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF112124

Review By	yogesh	Review On	11/22/2024 3:53:36 AM
Supervise By	mohammad	Supervise On	11/27/2024 6:04:00 AM
SubDirectory	BF112124	HP Acquire Method	BNA_F
		HP Processing Method	bf112124
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621		
CCC	SP6624		
Internal Standard/PEM	S12329,10ul/1000ul sample		
ICV/I.BLK	SP6559		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	P4929-02	BF140547.D	21 Nov 2024 20:33	RC/JU	Ok
23	P4924-04	BF140548.D	21 Nov 2024 20:59	RC/JU	Ok
24	P4921-01	BF140549.D	21 Nov 2024 21:25	RC/JU	Ok
25	P4916-12	BF140550.D	21 Nov 2024 21:51	RC/JU	Ok
26	P4916-08	BF140551.D	21 Nov 2024 22:18	RC/JU	Ok
27	P4916-04	BF140552.D	21 Nov 2024 22:44	RC/JU	Ok
28	P4887-01	BF140553.D	21 Nov 2024 23:10	RC/JU	Ok
29	P4916-09	BF140554.D	21 Nov 2024 23:36	RC/JU	Ok
30	P4916-09MS	BF140555.D	22 Nov 2024 00:02	RC/JU	Ok,M
31	P4916-09MSD	BF140556.D	22 Nov 2024 00:28	RC/JU	Ok,M
32	P4916-01	BF140557.D	22 Nov 2024 00:54	RC/JU	Ok
33	P4916-05RE	BF140558.D	22 Nov 2024 01:21	RC/JU	Confirms
34	P4887-05RE	BF140559.D	22 Nov 2024 01:47	RC/JU	Confirms
35	P4924-01	BF140560.D	22 Nov 2024 02:13	RC/JU	ReRun
36	P4936-01	BF140561.D	22 Nov 2024 02:39	RC/JU	Ok,M
37	P4929-01	BF140562.D	22 Nov 2024 03:06	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF121324

Review By	yogesh	Review On	12/14/2024 3:51:45 AM
Supervise By	mohammad	Supervise On	12/14/2024 4:17:41 AM
SubDirectory	BF121324	HP Acquire Method	BNA_F
		HP Processing Method	bf112124
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621		
CCC	SP6624		
Internal Standard/PEM	S12331,10ul/1000ul sample		
ICV/I.BLK	SP6559		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF140837.D	13 Dec 2024 11:48	RC/JU	Ok
2	SSTDCCC040	BF140838.D	13 Dec 2024 12:14	RC/JU	Ok,M
3	PB165543BL	BF140839.D	13 Dec 2024 12:47	RC/JU	Not Ok
4	PB165543BS	BF140840.D	13 Dec 2024 13:13	RC/JU	Not Ok
5	PB165590BL	BF140841.D	13 Dec 2024 13:39	RC/JU	Not Ok
6	PB165590BS	BF140842.D	13 Dec 2024 14:06	RC/JU	Ok,M
7	PB165558TB	BF140843.D	13 Dec 2024 14:32	RC/JU	Ok
8	P5239-04	BF140844.D	13 Dec 2024 15:18	RC/JU	Ok
9	P5239-04MS	BF140845.D	13 Dec 2024 15:44	RC/JU	Ok,M
10	P5239-04MSD	BF140846.D	13 Dec 2024 16:10	RC/JU	Ok,M
11	P5239-01RE	BF140847.D	13 Dec 2024 16:36	RC/JU	Confirms
12	P5270-08	BF140848.D	13 Dec 2024 17:02	RC/JU	Dilution
13	P5270-07	BF140849.D	13 Dec 2024 17:28	RC/JU	Dilution
14	P5220-03	BF140850.D	13 Dec 2024 17:54	RC/JU	ReRun
15	P5245-01RE	BF140851.D	13 Dec 2024 18:20	RC/JU	Confirms
16	P5216-05RE	BF140852.D	13 Dec 2024 18:46	RC/JU	Confirms
17	P5175-01RE	BF140853.D	13 Dec 2024 19:12	RC/JU	Confirms

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF121724

Review By	yogesh	Review On	12/18/2024 1:50:43 AM
Supervise By	mohammad	Supervise On	12/19/2024 2:52:57 AM
SubDirectory	BF121724	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	BF140871.D	17 Dec 2024 08:58	RC/JU	Ok
2	SSTDCCC040	BF140872.D	17 Dec 2024 09:24	RC/JU	Ok
3	PB165543BL	BF140873.D	17 Dec 2024 09:50	RC/JU	Ok
4	PB165543BS	BF140874.D	17 Dec 2024 10:16	RC/JU	Ok,M
5	PB165623BL	BF140875.D	17 Dec 2024 10:43	RC/JU	Ok
6	PB165623BS	BF140876.D	17 Dec 2024 11:09	RC/JU	Ok,M
7	PB165623BSD	BF140877.D	17 Dec 2024 11:35	RC/JU	Ok,M
8	P5239-04	BF140878.D	17 Dec 2024 12:08	RC/JU	Not Ok
9	P5287-03	BF140879.D	17 Dec 2024 12:34	RC/JU	Ok
10	P5239-04MS	BF140880.D	17 Dec 2024 13:01	RC/JU	Ok,M
11	P5239-04MSD	BF140881.D	17 Dec 2024 13:27	RC/JU	Ok,M
12	P5239-01	BF140882.D	17 Dec 2024 13:53	RC/JU	Not Ok
13	P5270-08	BF140883.D	17 Dec 2024 14:19	RC/JU	Dilution
14	P5192-02RE	BF140884.D	17 Dec 2024 14:45	RC/JU	Confirms
15	P5270-07DL	BF140885.D	17 Dec 2024 15:12	RC/JU	Dilution
16	P5270-08DL	BF140886.D	17 Dec 2024 15:38	RC/JU	Dilution
17	P5220-03RE	BF140887.D	17 Dec 2024 16:04	RC/JU	Confirms
18	P5268-01	BF140888.D	17 Dec 2024 16:30	RC/JU	Dilution
19	P5287-01	BF140889.D	17 Dec 2024 16:56	RC/JU	Ok
20	P5279-01	BF140890.D	17 Dec 2024 17:22	RC/JU	Ok,M
21	P5301-01	BF140891.D	17 Dec 2024 17:49	RC/JU	Ok

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF121724

Review By	yogesh	Review On	12/18/2024 1:50:43 AM
Supervise By	mohammad	Supervise On	12/19/2024 2:52:57 AM
SubDirectory	BF121724	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			

22	P5301-03MS	BF140892.D	17 Dec 2024 18:15	RC/JU	Not Ok
23	P5301-03MSD	BF140893.D	17 Dec 2024 18:41	RC/JU	Not Ok
24	P5301-03	BF140894.D	17 Dec 2024 19:07	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112124

Review By	yogesh	Review On	11/22/2024 3:53:36 AM
Supervise By	mohammad	Supervise On	11/27/2024 6:04:00 AM
SubDirectory	BF112124	HP Acquire Method	BNA_F
		HP Processing Method	bf112124

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621
CCC	SP6624
Internal Standard/PEM	S12329,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF140526.D	21 Nov 2024 10:17		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF140527.D	21 Nov 2024 10:44	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF140528.D	21 Nov 2024 11:13		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF140529.D	21 Nov 2024 11:39	Compound#9,32,41,54,56,65,70 removed from 5 ppm	RC/JU	Ok
5	SSTDICC010	SSTDICC010	BF140530.D	21 Nov 2024 12:05		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF140531.D	21 Nov 2024 12:32	Compound#32,41,54 Kept on LR	RC/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BF140532.D	21 Nov 2024 12:58	Calibration failed for Benzidine	RC/JU	Ok,M
8	SSTDICC050	SSTDICC050	BF140533.D	21 Nov 2024 13:25	The Calibration is Good For 8270 DOD Except com#77 and good for 625.1 Method Except com#77	RC/JU	Ok
9	SSTDICC060	SSTDICC060	BF140534.D	21 Nov 2024 13:51		RC/JU	Ok
10	SSTDICC080	SSTDICC080	BF140535.D	21 Nov 2024 14:18	Compound#9 removed from 80 ppm	RC/JU	Ok
11	SSTDICV040	ICVBF112124	BF140536.D	21 Nov 2024 15:07		RC/JU	Ok,M
12	PB165144BL	PB165144BL	BF140537.D	21 Nov 2024 15:34		RC/JU	Ok
13	DFTPP	DFTPP	BF140538.D	21 Nov 2024 16:27		RC/JU	Ok
14	SSTDCCC040	SSTDCCC040	BF140539.D	21 Nov 2024 16:54		RC/JU	Ok,M
15	PB165060TB	PB165060TB	BF140540.D	21 Nov 2024 17:20		RC/JU	Ok
16	P4887-06	MH-760	BF140541.D	21 Nov 2024 17:55		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112124

Review By	yogesh	Review On	11/22/2024 3:53:36 AM		
Supervise By	mohammad	Supervise On	11/27/2024 6:04:00 AM		
SubDirectory	BF112124	HP Acquire Method	BNA_F	HP Processing Method	bf112124
STD. NAME		STD REF.#			
Tune/Reschk		SP6573			
Initial Calibration Stds		SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621			
CCC		SP6624			
Internal Standard/PEM		S12329,10ul/1000ul sample			
ICV/I.BLK		SP6559			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

17	P4887-02	MH-739	BF140542.D	21 Nov 2024 18:21		RC/JU	Ok
18	P4870-16	TP-15	BF140543.D	21 Nov 2024 18:48		RC/JU	Ok
19	P4870-15	MH-736	BF140544.D	21 Nov 2024 19:14		RC/JU	Ok
20	P4870-14	MH-735	BF140545.D	21 Nov 2024 19:40		RC/JU	Ok
21	P4870-13	TP-1	BF140546.D	21 Nov 2024 20:07		RC/JU	Ok
22	P4929-02	ARS520	BF140547.D	21 Nov 2024 20:33		RC/JU	Ok
23	P4924-04	MH-4	BF140548.D	21 Nov 2024 20:59		RC/JU	Ok
24	P4921-01	WC-11-A-202411	BF140549.D	21 Nov 2024 21:25		RC/JU	Ok
25	P4916-12	TP-3-WC	BF140550.D	21 Nov 2024 21:51		RC/JU	Ok
26	P4916-08	TP-2-WC	BF140551.D	21 Nov 2024 22:18		RC/JU	Ok
27	P4916-04	TP-1-WC	BF140552.D	21 Nov 2024 22:44		RC/JU	Ok
28	P4887-01	MH-739	BF140553.D	21 Nov 2024 23:10		RC/JU	Ok
29	P4916-09	TP-3-WC	BF140554.D	21 Nov 2024 23:36		RC/JU	Ok
30	P4916-09MS	TP-3-WCMS	BF140555.D	22 Nov 2024 00:02		RC/JU	Ok,M
31	P4916-09MSD	TP-3-WCMSD	BF140556.D	22 Nov 2024 00:28		RC/JU	Ok,M
32	P4916-01	TP-1-WC	BF140557.D	22 Nov 2024 00:54		RC/JU	Ok
33	P4916-05RE	TP-2-WCRE	BF140558.D	22 Nov 2024 01:21	Internal Standard Fail	RC/JU	Confirms
34	P4887-05RE	MH-760RE	BF140559.D	22 Nov 2024 01:47	Internal Standard Fail	RC/JU	Confirms
35	P4924-01	MH-4	BF140560.D	22 Nov 2024 02:13	Internal Standard Fail	RC/JU	ReRun

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112124

Review By	yogesh	Review On	11/22/2024 3:53:36 AM		
Supervise By	mohammad	Supervise On	11/27/2024 6:04:00 AM		
SubDirectory	BF112124	HP Acquire Method	BNA_F	HP Processing Method	bf112124

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621
CCC	SP6624
Internal Standard/PEM	S12329,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

36	P4936-01	PL-01-11202024	BF140561.D	22 Nov 2024 02:39	Internal Standard Fail	RC/JU	Ok,M
37	P4929-01	ARS520	BF140562.D	22 Nov 2024 03:06	Internal Standard Fail	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF121324

Review By	yogesh	Review On	12/14/2024 3:51:45 AM
Supervise By	mohammad	Supervise On	12/14/2024 4:17:41 AM
SubDirectory	BF121324	HP Acquire Method	BNA_F
		HP Processing Method	bf112124

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621
CCC	SP6624
Internal Standard/PEM	S12331,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF140837.D	13 Dec 2024 11:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF140838.D	13 Dec 2024 12:14	CCC fail high side for com. #32,41,54,56,65 and #77	RC/JU	Ok,M
3	PB165543BL	PB165543BL	BF140839.D	13 Dec 2024 12:47	Internal Standard and Surrogate Fail	RC/JU	Not Ok
4	PB165543BS	PB165543BS	BF140840.D	13 Dec 2024 13:13	Internal Standard and Surrogate Fail	RC/JU	Not Ok
5	PB165590BL	PB165590BL	BF140841.D	13 Dec 2024 13:39	Internal Standard and Surrogate Fail	RC/JU	Not Ok
6	PB165590BS	PB165590BS	BF140842.D	13 Dec 2024 14:06		RC/JU	Ok,M
7	PB165558TB	PB165558TB	BF140843.D	13 Dec 2024 14:32		RC/JU	Ok
8	P5239-04	WC-1	BF140844.D	13 Dec 2024 15:18	Internal Standard Fail	RC/JU	Ok
9	P5239-04MS	WC-1MS	BF140845.D	13 Dec 2024 15:44	Internal Standard Fail	RC/JU	Ok,M
10	P5239-04MSD	WC-1MSD	BF140846.D	13 Dec 2024 16:10	Internal Standard Fail	RC/JU	Ok,M
11	P5239-01RE	WC-1RE	BF140847.D	13 Dec 2024 16:36	Internal Standard Fail	RC/JU	Confirms
12	P5270-08	MW14-20241212	BF140848.D	13 Dec 2024 17:02	Internal Standard Fail, Need 10X Dilution and the decide further dilution	RC/JU	Dilution
13	P5270-07	MW12-20241212	BF140849.D	13 Dec 2024 17:28	Internal Standard Fail, Need 10X Dilution and the decide further dilution	RC/JU	Dilution
14	P5220-03	GAS-AUD-1610-1611-1	BF140850.D	13 Dec 2024 17:54	Internal Standard Fail	RC/JU	ReRun
15	P5245-01RE	72-12016RE	BF140851.D	13 Dec 2024 18:20	Internal Standard Fail	RC/JU	Confirms
16	P5216-05RE	MH-743RE	BF140852.D	13 Dec 2024 18:46	Internal Standard Fail	RC/JU	Confirms

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF121324

Review By	yogesh	Review On	12/14/2024 3:51:45 AM		
Supervise By	mohammad	Supervise On	12/14/2024 4:17:41 AM		
SubDirectory	BF121324	HP Acquire Method	BNA_F	HP Processing Method	bf112124

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621
CCC	SP6624
Internal Standard/PEM	S12331,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	P5175-01RE	OK-01-12062024RE	BF140853.D	13 Dec 2024 19:12	Internal Standard Fail	RC/JU	Confirms

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF121724

Review By	yogesh	Review On	12/18/2024 1:50:43 AM
Supervise By	mohammad	Supervise On	12/19/2024 2:52:57 AM
SubDirectory	BF121724	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	BF140871.D	17 Dec 2024 08:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF140872.D	17 Dec 2024 09:24		RC/JU	Ok
3	PB165543BL	PB165543BL	BF140873.D	17 Dec 2024 09:50		RC/JU	Ok
4	PB165543BS	PB165543BS	BF140874.D	17 Dec 2024 10:16		RC/JU	Ok,M
5	PB165623BL	PB165623BL	BF140875.D	17 Dec 2024 10:43		RC/JU	Ok
6	PB165623BS	PB165623BS	BF140876.D	17 Dec 2024 11:09		RC/JU	Ok,M
7	PB165623BSD	PB165623BSD	BF140877.D	17 Dec 2024 11:35		RC/JU	Ok,M
8	P5239-04	WC-1	BF140878.D	17 Dec 2024 12:08	Already analysed with ok status	RC/JU	Not Ok
9	P5287-03	STONES-B	BF140879.D	17 Dec 2024 12:34		RC/JU	Ok
10	P5239-04MS	WC-1MS	BF140880.D	17 Dec 2024 13:01		RC/JU	Ok,M
11	P5239-04MSD	WC-1MSD	BF140881.D	17 Dec 2024 13:27		RC/JU	Ok,M
12	P5239-01	WC-1	BF140882.D	17 Dec 2024 13:53	Already analysed	RC/JU	Not Ok
13	P5270-08	MW14-20241212	BF140883.D	17 Dec 2024 14:19	Need 20X dilution	RC/JU	Dilution
14	P5192-02RE	EFF-WASTE WATER	BF140884.D	17 Dec 2024 14:45	Surrogate fail	RC/JU	Confirms
15	P5270-07DL	MW12-20241212DL	BF140885.D	17 Dec 2024 15:12	Need further 2X dilution	RC/JU	Dilution
16	P5270-08DL	MW14-20241212DL	BF140886.D	17 Dec 2024 15:38	Need further 2X dilution	RC/JU	Dilution
17	P5220-03RE	GAS-AUD-1610-1611-1	BF140887.D	17 Dec 2024 16:04	Fax is already given	RC/JU	Confirms

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF121724

Review By	yogesh	Review On	12/18/2024 1:50:43 AM
Supervise By	mohammad	Supervise On	12/19/2024 2:52:57 AM
SubDirectory	BF121724	HP Acquire Method	BNA_F
		HP Processing Method	bf121624

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	SP6573 SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	SP6676 S12331,10ul/1000ul sample SP6686

18	P5268-01	OR-02-12122024	BF140888.D	17 Dec 2024 16:30	Internal Standard Fail, Need 2X Dilution	RC/JU	Dilution
19	P5287-01	STONES-A	BF140889.D	17 Dec 2024 16:56		RC/JU	Ok
20	P5279-01	ROCKAWAY-PARK	BF140890.D	17 Dec 2024 17:22		RC/JU	Ok,M
21	P5301-01	HR-01-121624	BF140891.D	17 Dec 2024 17:49	Internal Standard Fail	RC/JU	Ok
22	P5301-03MS	HR-04-121624MS	BF140892.D	17 Dec 2024 18:15	Internal Standard Fail	RC/JU	Not Ok
23	P5301-03MSD	HR-04-121624MSD	BF140893.D	17 Dec 2024 18:41	Internal Standard Fail	RC/JU	Not Ok
24	P5301-03	HR-04-121624	BF140894.D	17 Dec 2024 19:07		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch 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

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A **Extraction Start Date :** 12/13/2024

Matrix : Water **Extraction Start Time :** 11:40

Weigh By: N/A **Extraction By:** RS **Extraction End Date :** 12/13/2024

Balance check: N/A **Filter By:** RS **Extraction End Time :** 16:40

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: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard 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	EP2571
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
12/13/24	RP (Ext Lab)	RL/SVOC
16:45	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 12/13/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165623BL	SBLK623	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-10
PB165623BS	SLCS623	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			11
PB165623BSD	SLCSD623	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			12
P5220-03	GAS-AUD-1610-1611-161 2	SVOC-TCL BNA -20	1000	11	RUPESH	ritesh	1	M		13
P5270-07	MW12-20241212	SVOCMS Group1	1000	6	RUPESH	ritesh	1	C		14
P5270-08	MW14-20241212	SVOCMS Group1	1000	6	RUPESH	ritesh	1	C		15

* Extracts relinquished on the same date as received.

8
12/13/24

167623
11:40

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P5220S WorkList ID : 186310 Department : Extraction Date : 12-13-2024 11:38:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5220-03	GAS-AUD-1610-1611-1612	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	12/09/2024	8270E
P5270-07	MW12-20241212	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L61	12/12/2024	8270E
P5270-08	MW14-20241212	Water	SVOCMS Group1	Cool 4 deg C	PARS02	L61	12/12/2024	8270E

Date/Time 12/13/24 11:39
Raw Sample Received by: AS (Pet 104)
Raw Sample Relinquished by: AS (Pet 104)

Date/Time 12/13/24 11:12:00
Raw Sample Received by: AS (Pet 104)
Raw Sample Relinquished by: AS (Pet 104)



SHIPPING DOCUMENTS

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#: **301 Plainfield Rd.**
ADDRESS: **301 Plainfield Rd.**
CITY: **Syracuse** STATE: **NY** ZIP: **13212**
ATTENTION: **S. Liberatore** PHONE: **315-418-8767**

ANALYSIS

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) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

VOC+TICS
SVOC+TICS
TDS
Sulfate

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		A	E	E	E						
1.	MW8-20241211	GW		X	12-11-24	0954	4	X			X	X					
2.	MW11-20241211	GW		X	12-11-24	1112	2	X									
3.	MW15-20241211	GW		X	12-11-24	1247	4	X			X	X					
4.	MW17-20241211	GW		X	12-11-24	1355	4	X			X	X					
5.	MW9-20241212	GW		X	12-12-24	1018	4	X			X	X					
6.	MW13D-20241212	GW		X	12-12-24	1151	2	X									
7.	MW12-20241212	GW		X	12-12-24	1228	3	X	X								
8.	MW14-20241212	GW		X	12-12-24	1324	3	X	X								
9.	MW16D-20241212	GW		X	12-12-24	1424	4	X			X	X					
10.	Trip Blank	W		X	12-6-24		2	X									

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. Bill Chaky	DATE/TIME: 12-12-24	RECEIVED BY: [Signature] 12/13/24	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.7°C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY:	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY:	Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5270 PARS02

Order Date : 12/13/2024 10:02:00 AM

Project Mgr :

Client Name : PARSONS Main of New Yc

Project Name : Con Edison Non-MGP - Atl

Report Type : Results Only

Client Contact : Stephen Liberatore

Receive DateTime : 12/13/2024 7:00:00 AM

EDD Type : Excel NY

Invoice Name : PARSONS Main of New Yc

Purchase Order :

Hard Copy Date :

Invoice Contact : Stephen Liberatore

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P5270-01	MW8-20241211	Water	12/11/2024	09:54					
					VOCMS Group1		8260-Low	10 Bus. Days	
P5270-02	MW11-20241211	Water	12/11/2024	11:12					
					VOCMS Group1		8260-Low	10 Bus. Days	
P5270-03	MW15-20241211	Water	12/11/2024	12:47					
					VOCMS Group1		8260-Low	10 Bus. Days	
P5270-04	MW17-20241211	Water	12/11/2024	13:55					
					VOCMS Group1		8260-Low	10 Bus. Days	
P5270-05	MW9-20241211 20241212	Water	12/12/2024	10:18					
					VOCMS Group1		8260-Low	10 Bus. Days	
P5270-06	MW13D-20241211 20241212	Water	12/12/2024	11:51					
					VOCMS Group1		8260-Low	10 Bus. Days	
P5270-07	MW12-20241211 20241212	Water	12/12/2024	12:28					
					VOCMS Group1		8260-Low	10 Bus. Days	
P5270-08	MW14-20241211 20241212	Water	12/12/2024	13:24					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5270 PARS02

Order Date : 12/13/2024 10:02:00 AM

Project Mgr :

Client Name : PARSONS Main of New Yc

Project Name : Con Edison Non-MGP - Atl

Report Type : Results Only

Client Contact : Stephen Liberatore

Receive DateTime : 12/13/2024 7:00:00 AM

EDD Type : Excel NY

Invoice Name : PARSONS Main of New Yc

Purchase Order :

Hard Copy Date :

Invoice Contact : Stephen Liberatore

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P5270-09	MW16D- ~~20241211~~ 20241212	Water	12/12/2024	14:24	VOCMS Group1		8260-Low	10 Bus. Days	
P5270-10	TB- ~~20241211~~ 20241213	Water	12/13/2024	00:00	VOCMS Group1		8260-Low	10 Bus. Days	
					VOCMS Group1		8260-Low	10 Bus. Days	

Relinquished By :

Date / Time : 12/13/24 1030

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room