

Hit Summary Sheet SW-846

SDG No.: Q1211
Client: Weston Solutions

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TAPHHA-MW01-012825-00-T4								
Q1211-01	TAPHHA-MW01-012825 WATER	2-Pentanone, 4-hydroxy-4-methyl *	3.400	A	0		0	ug/L
Q1211-01	TAPHHA-MW01-012825 WATER	Palmitoleic acid *	2.600	J	0		0	ug/L
Total Tics :					6.00			
Total Concentration:					6.00			
Client ID : TAPIAL2-MW03-012825-00-T3								
Q1211-02	TAPIAL2-MW03-012825 WATER	Benzophenone *	2.600	J	0		0	ug/L
Q1211-02	TAPIAL2-MW03-012825 WATER	n-Hexadecanoic acid *	2.600	J	0		0	ug/L
Q1211-02	TAPIAL2-MW03-012825 WATER	Propane, 1,1-dimethoxy- *	2.100	JB	0		0	ug/L
Total Tics :					7.30			
Total Concentration:					7.30			



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPHHA-MW01-012825-00-T4	SDG No.:	Q1211
Lab Sample ID:	Q1211-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141328.D	1	01/30/25 08:15	01/31/25 13:27	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	4.00	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	1.10	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.20	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.50	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	1.00	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	1.30	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	UQ	1.30	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	1.30	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	UQ	5.00	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.89	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	1.00	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.93	4.00	5.00	ug/L

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPHHA-MW01-012825-00-T4	SDG No.:	Q1211
Lab Sample ID:	Q1211-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141328.D	1	01/30/25 08:15	01/31/25 13:27	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	UQ	1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.98	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.89	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	1.10	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	1.30	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.94	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	1.10	4.00	5.00	ug/L

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPHHA-MW01-012825-00-T4	SDG No.:	Q1211
Lab Sample ID:	Q1211-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141328.D	1	01/30/25 08:15	01/31/25 13:27	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.79	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	57.4		19 - 119		38%	SPK: 150
13127-88-3	Phenol-d6	35.8		10 - 130		24%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.4		44 - 120		85%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.4		44 - 119		80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		43 - 140		90%	SPK: 150
1718-51-0	Terphenyl-d14	68.7		50 - 134		69%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155000	6.798				
1146-65-2	Naphthalene-d8	631000	8.081				
15067-26-2	Acenaphthene-d10	343000	9.833				
1517-22-2	Phenanthrene-d10	611000	11.322				
1719-03-5	Chrysene-d12	458000	13.963				
1520-96-3	Perylene-d12	357000	15.427				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.40	A			5.00	ug/L
000373-49-9	Palmitoleic acid	2.60	J			12.6	ug/L

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPHHA-MW01-012825-00-T4	SDG No.:	Q1211
Lab Sample ID:	Q1211-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141328.D	1	01/30/25 08:15	01/31/25 13:27	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPIAL2-MW03-012825-00-T3	SDG No.:	Q1211
Lab Sample ID:	Q1211-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141329.D	1	01/30/25 08:15	01/31/25 13:53	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	4.00	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	1.10	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.20	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.50	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	1.00	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	1.30	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	UQ	1.30	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	1.30	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	UQ	5.00	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.89	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	1.00	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.93	4.00	5.00	ug/L

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPIAL2-MW03-012825-00-T3	SDG No.:	Q1211
Lab Sample ID:	Q1211-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141329.D	1	01/30/25 08:15	01/31/25 13:53	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	UQ	1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.98	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.89	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	1.10	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	1.30	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.94	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	1.10	4.00	5.00	ug/L

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPIAL2-MW03-012825-00-T3	SDG No.:	Q1211
Lab Sample ID:	Q1211-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141329.D	1	01/30/25 08:15	01/31/25 13:53	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.79	4.00	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	57.1		19 - 119		38%	SPK: 150
13127-88-3	Phenol-d6	35.2		10 - 130		23%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.1		44 - 120		87%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.2		44 - 119		81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		43 - 140		89%	SPK: 150
1718-51-0	Terphenyl-d14	64.9		50 - 134		65%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	150000	6.798
1146-65-2	Naphthalene-d8	599000	8.081
15067-26-2	Acenaphthene-d10	330000	9.834
1517-22-2	Phenanthrene-d10	567000	11.322
1719-03-5	Chrysene-d12	401000	13.963
1520-96-3	Perylene-d12	320000	15.421

TENTATIVE IDENTIFIED COMPOUNDS

004744-10-9	Propane, 1,1-dimethoxy-	2.10	JB		2.15	ug/L
000119-61-9	Benzophenone	2.60	J		10.6	ug/L
000057-10-3	n-Hexadecanoic acid	2.60	J		11.9	ug/L

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPIAL2-MW03-012825-00-T3	SDG No.:	Q1211
Lab Sample ID:	Q1211-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141329.D	1	01/30/25 08:15	01/31/25 13:53	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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

LAB CHRONICLE

OrderID: Q1211	OrderDate: 1/29/2025 10:10:00 AM
Client: Weston Solutions	Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact: Nathan Fretz	Location: N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1211-01	TAPHHA-MW01-01282 5-00-T4	Water	SVOC-TCL BNA -20	8270E	01/28/25	01/30/25	01/31/25	01/29/25
Q1211-02	TAPIAL2-MW03-0128 25-00-T3	Water	SVOC-TCL BNA -20	8270E	01/28/25	01/30/25	01/31/25	01/29/25

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141292.D
 Acq On : 29 Jan 2025 11:49
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Jan 30 04:13:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	132200	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	533326	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	289559	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	510795	20.000	ng	0.00
76) Chrysene-d12	13.969	240	308114	20.000	ng	0.00
86) Perylene-d12	15.433	264	280028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	183846	21.350	ng	-0.01
7) Phenol-d6	6.416	99	237908	21.718	ng	-0.02
23) Nitrobenzene-d5	7.357	82	211040	20.860	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	57417	21.629	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	423852	22.530	ng	-0.01
79) Terphenyl-d14	12.910	244	434781	21.762	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	39830	10.517	ng	98
3) Pyridine	3.222	79	93176	10.211	ng	99
4) n-Nitrosodimethylamine	3.152	42	52156	10.006	ng	98
6) Aniline	6.457	93	99872	10.770	ng	99
8) 2-Chlorophenol	6.581	128	99805	10.813	ng	95
9) Benzaldehyde	6.346	77	74679	11.769	ng	99
10) Phenol	6.434	94	124196	10.695	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	93367	10.486	ng	99
12) 1,3-Dichlorobenzene	6.740	146	110278	10.836	ng	98
13) 1,4-Dichlorobenzene	6.816	146	109956	10.755	ng	99
14) 1,2-Dichlorobenzene	6.969	146	106335	11.108	ng	98
15) Benzyl Alcohol	6.934	79	79378	10.603	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	164185	10.604	ng	99
17) 2-Methylphenol	7.045	107	77643	10.351	ng	98
18) Hexachloroethane	7.310	117	40445	10.724	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	70075	10.765	ng	99
20) 3+4-Methylphenols	7.198	107	103350	11.221	ng	95
22) Acetophenone	7.204	105	139527	11.006	ng	98
24) Nitrobenzene	7.375	77	109497	10.444	ng	99
25) Isophorone	7.616	82	182564	10.439	ng	100
26) 2-Nitrophenol	7.692	139	49783	10.068	ng	98
27) 2,4-Dimethylphenol	7.728	122	60245	9.573	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	117232	10.509	ng	98
29) 2,4-Dichlorophenol	7.934	162	79949	10.377	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	94419	10.731	ng	98
31) Naphthalene	8.098	128	305386	10.839	ng	99
32) Benzoic acid	7.798	122	47549	8.219	ng	99
33) 4-Chloroaniline	8.151	127	100852	10.556	ng	98
34) Hexachlorobutadiene	8.222	225	55103	10.679	ng	99
35) Caprolactam	8.481	113	25363	10.080	ng	100
36) 4-Chloro-3-methylphenol	8.622	107	87592	10.599	ng	98
37) 2-Methylnaphthalene	8.792	142	195160	10.898	ng	99
38) 1-Methylnaphthalene	8.892	142	192861	10.964	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	88710	10.769	ng	99
41) Hexachlorocyclopentadiene	8.945	237	22759	9.355	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	55036	10.207	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141292.D
 Acq On : 29 Jan 2025 11:49
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Jan 30 04:13:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	61493	10.479	ng	100
46) 1,1'-Biphenyl	9.257	154	245028	10.851	ng	99
47) 2-Chloronaphthalene	9.281	162	189709	10.778	ng	98
48) 2-Nitroaniline	9.375	65	56247	10.160	ng	99
49) Acenaphthylene	9.692	152	268471	10.896	ng	99
50) Dimethylphthalate	9.551	163	210816	10.780	ng	100
51) 2,6-Dinitrotoluene	9.616	165	47955	10.561	ng	97
52) Acenaphthene	9.869	154	188283	10.697	ng	100
53) 3-Nitroaniline	9.781	138	47818	10.744	ng	95
54) 2,4-Dinitrophenol	9.892	184	14749	6.987	ng	98
55) Dibenzofuran	10.039	168	258832	10.985	ng	99
56) 4-Nitrophenol	9.939	139	31196	9.585	ng	98
57) 2,4-Dinitrotoluene	10.016	165	62418	10.617	ng	99
58) Fluorene	10.381	166	204141	11.170	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	49596	10.743	ng	100
60) Diethylphthalate	10.257	149	205131	10.818	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	100485	11.256	ng	100
62) 4-Nitroaniline	10.392	138	45222	10.335	ng	99
63) Azobenzene	10.534	77	204300	10.763	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	26939	8.916	ng	91
66) n-Nitrosodiphenylamine	10.492	169	174617	10.569	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	59770	10.452	ng	96
68) Hexachlorobenzene	10.928	284	63908	10.536	ng	100
69) Atrazine	11.016	200	51633	9.347	ng	99
70) Pentachlorophenol	11.128	266	34788	9.794	ng	99
71) Phenanthrene	11.345	178	298892	10.886	ng	99
72) Anthracene	11.398	178	292813	10.884	ng	99
73) Carbazole	11.551	167	258853	10.851	ng	99
74) Di-n-butylphthalate	11.886	149	316336	10.942	ng	99
75) Fluoranthene	12.533	202	306969	11.323	ng	99
77) Benzidine	12.657	184	73918	7.483	ng	98
78) Pyrene	12.763	202	317744	10.743	ng	99
80) Butylbenzylphthalate	13.386	149	106335	10.291	ng	99
81) Benzo(a)anthracene	13.957	228	217291	10.220	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	65021	9.615	ng	99
83) Chrysene	13.992	228	204080	10.473	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	139099	10.612	ng	99
85) Di-n-octyl phthalate	14.580	149	195129	9.585	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	177554	9.824	ng	100
88) Benzo(b)fluoranthene	15.010	252	193558	10.989	ng	99
89) Benzo(k)fluoranthene	15.039	252	155925	9.992	ng	99
90) Benzo(a)pyrene	15.374	252	148214	9.957	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	140143	9.638	ng	99
92) Benzo(g,h,i)perylene	17.315	276	150453	9.951	ng	99

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

Instrument :

BNA F

ClientSampleId :

SSTDICC010

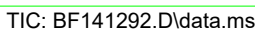
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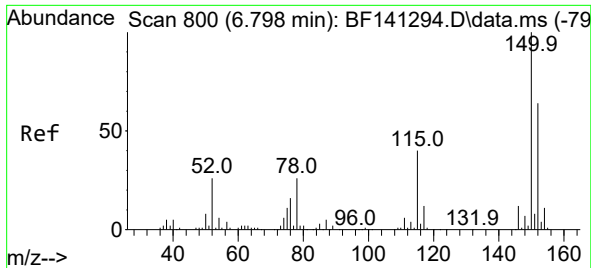
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jan 29 17:41:25 2025

Response via : Initial Calibration

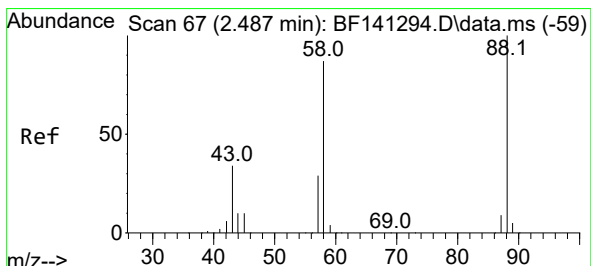
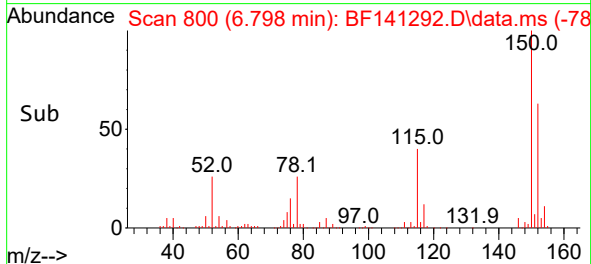
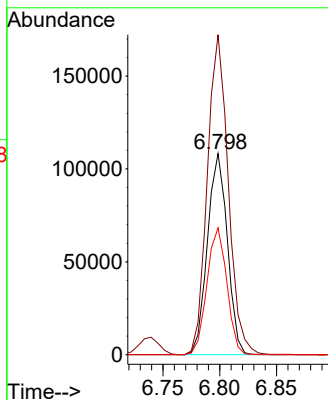
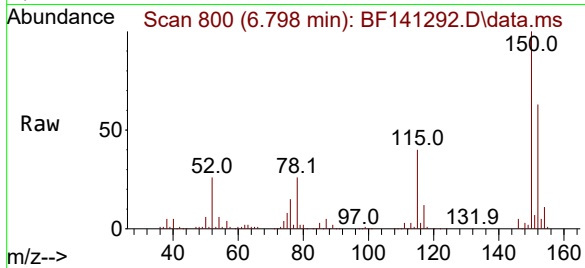




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

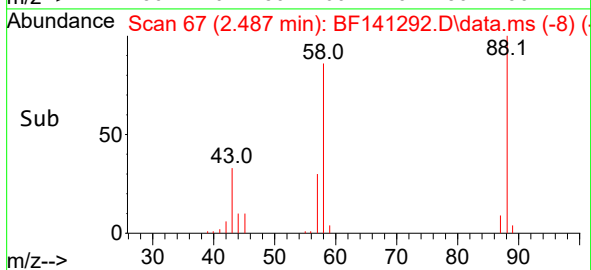
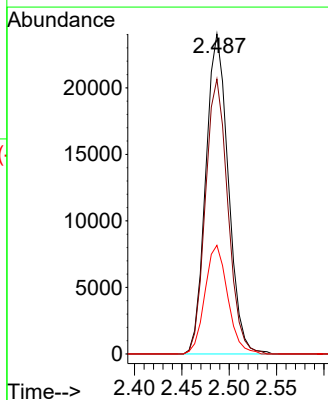
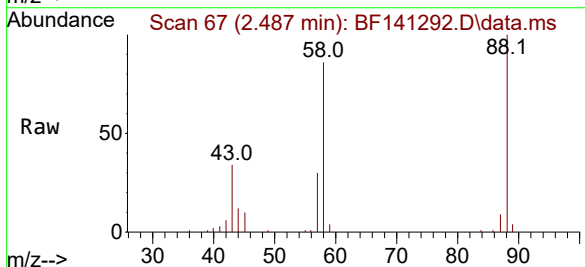
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

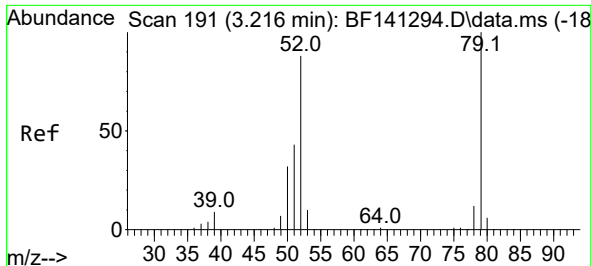
Tgt Ion:152 Resp: 132200
Ion Ratio Lower Upper
152 100
150 159.1 125.9 188.9
115 63.1 49.7 74.5



#2
1,4-Dioxane
Concen: 10.517 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 88 Resp: 39830
Ion Ratio Lower Upper
88 100
58 85.5 70.2 105.4
43 34.3 27.6 41.4





#3

Pyridine

Concen: 10.211 ng

RT: 3.222 min Scan# 191

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

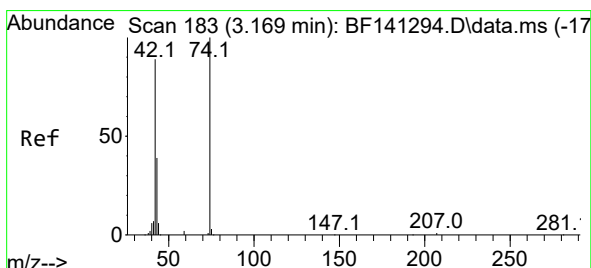
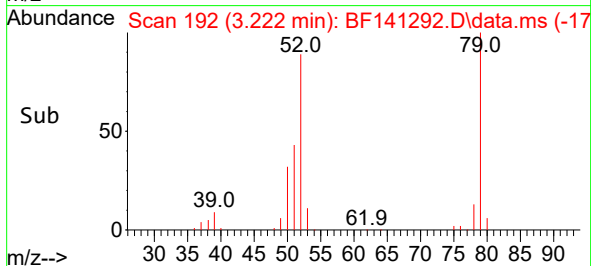
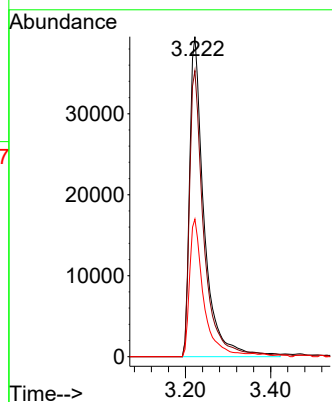
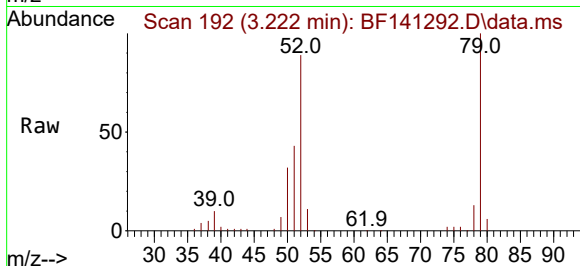
Tgt Ion: 79 Resp: 93176

Ion Ratio Lower Upper

79 100

52 89.4 70.3 105.5

51 43.0 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 10.006 ng

RT: 3.152 min Scan# 180

Delta R.T. -0.047 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

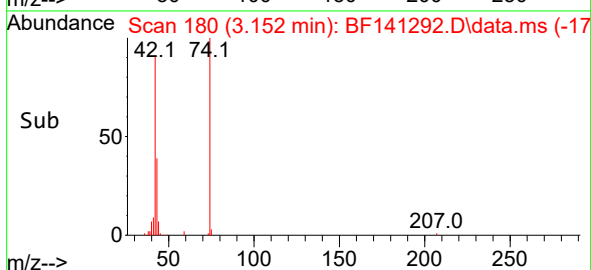
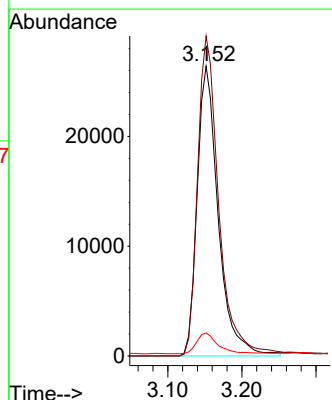
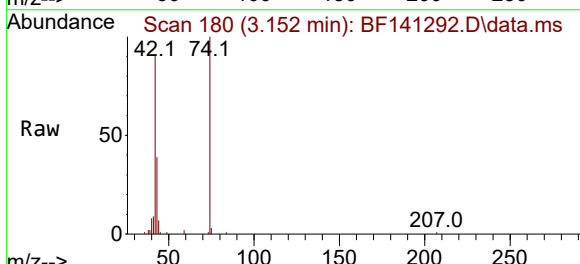
Tgt Ion: 42 Resp: 52156

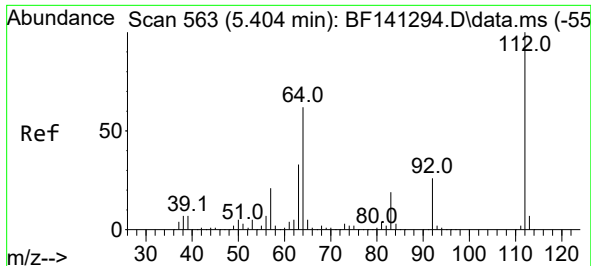
Ion Ratio Lower Upper

42 100

74 110.5 90.3 135.5

44 8.0 5.7 8.5

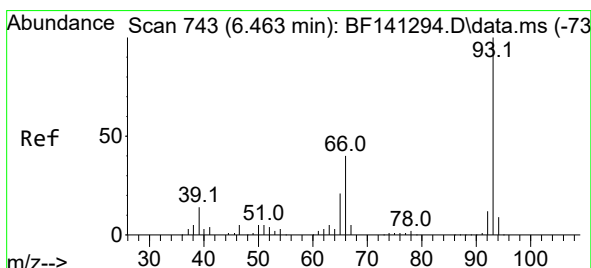
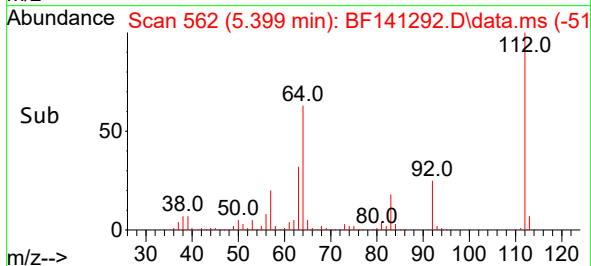
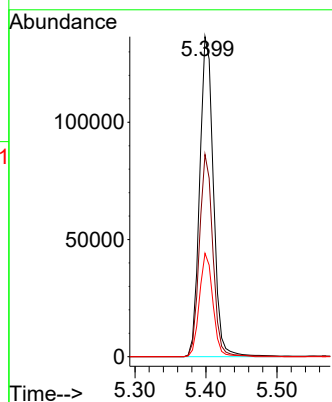
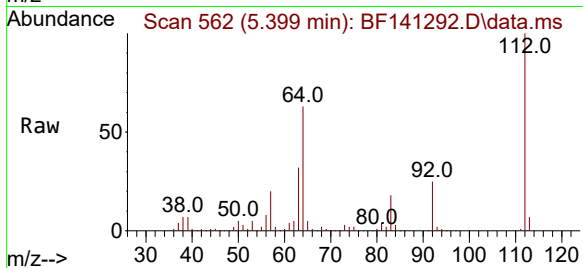




#5
2-Fluorophenol
Concen: 21.350 ng
RT: 5.399 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

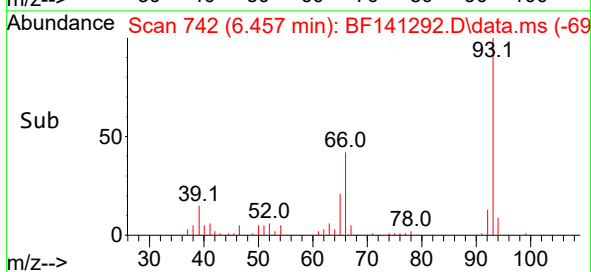
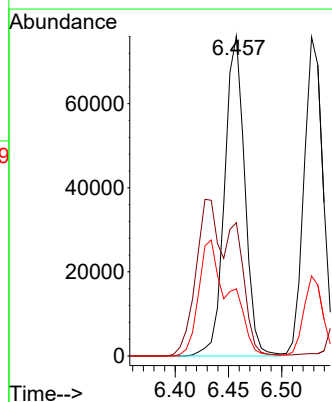
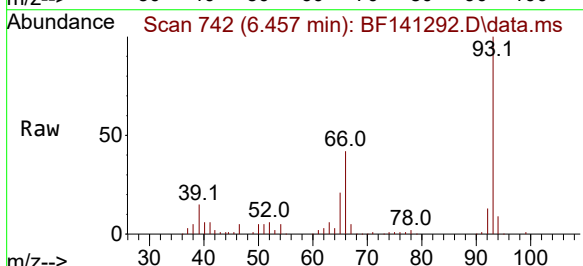
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

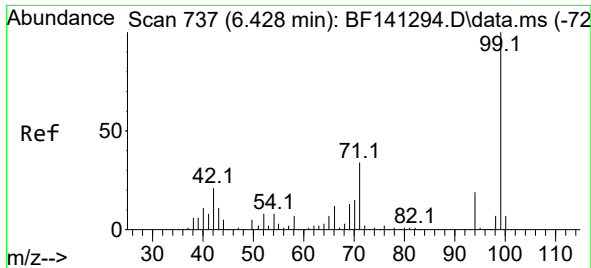
Tgt Ion:112 Resp: 183846
Ion Ratio Lower Upper
112 100
64 63.2 49.8 74.8
63 32.3 26.1 39.1



#6
Aniline
Concen: 10.770 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 93 Resp: 99872
Ion Ratio Lower Upper
93 100
66 41.7 32.5 48.7
65 21.0 17.0 25.6

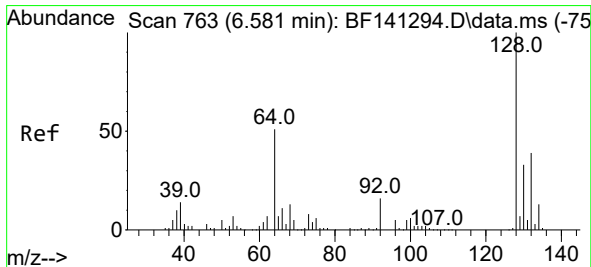
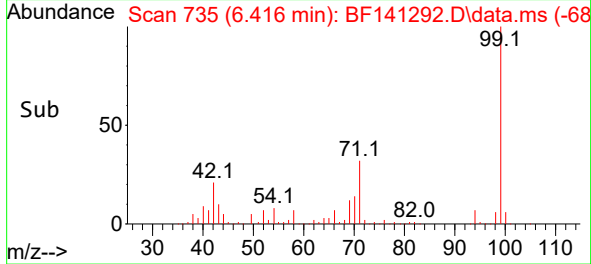
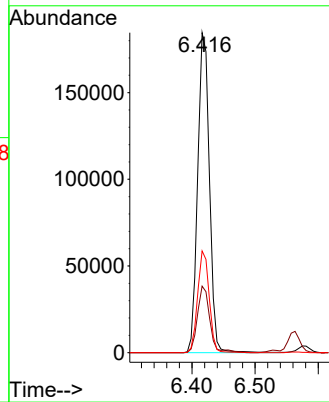
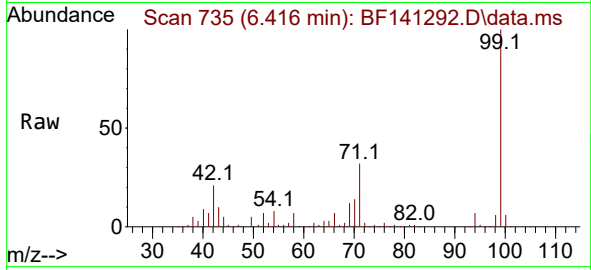




#7
Phenol-d6
Concen: 21.718 ng
RT: 6.416 min Scan# 711
Delta R.T. -0.024 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

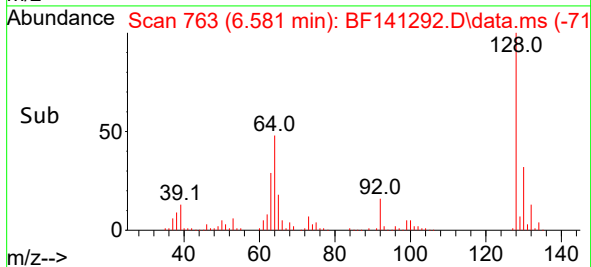
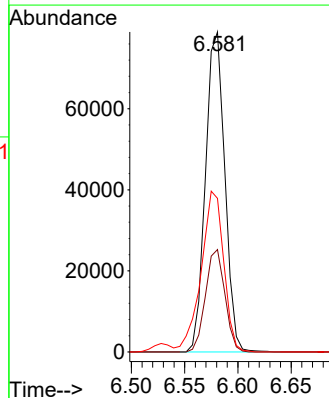
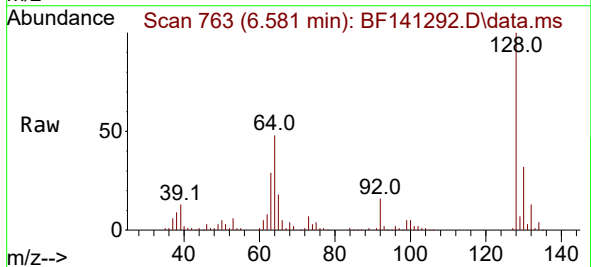
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BNA_F
ClientSampleId :
SSTDIC010

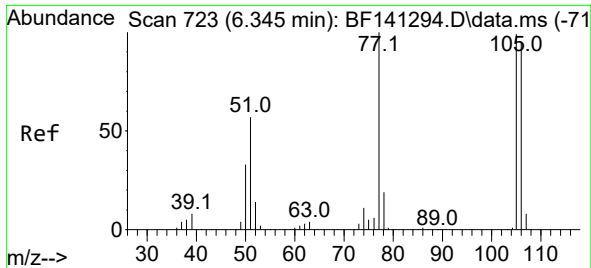
Tgt Ion: 99 Resp: 237908
Ion Ratio Lower Upper
99 100
42 20.8 17.1 25.7
71 31.8 26.9 40.3



#8
2-Chlorophenol
Concen: 10.813 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 128 Resp: 99805
Ion Ratio Lower Upper
128 100
130 32.0 12.5 52.5
64 48.0 32.9 72.9

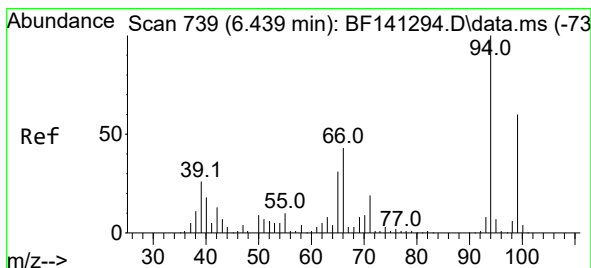
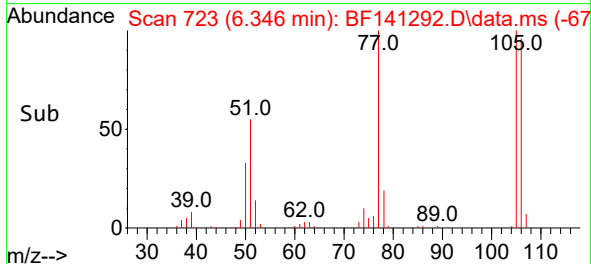
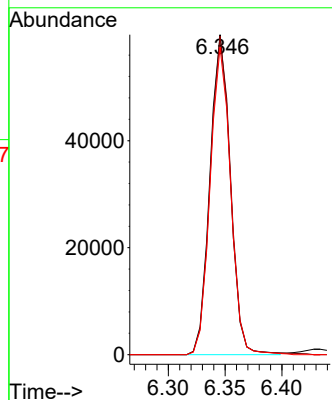
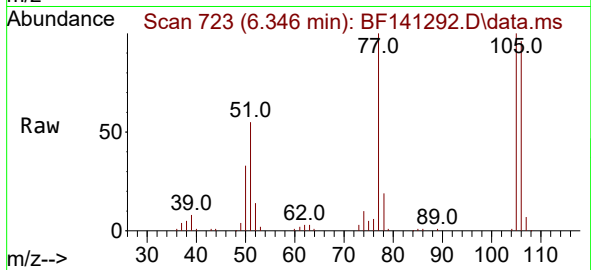




#9
Benzaldehyde
Concen: 11.769 ng
RT: 6.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

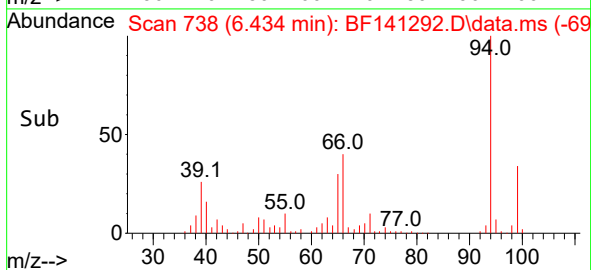
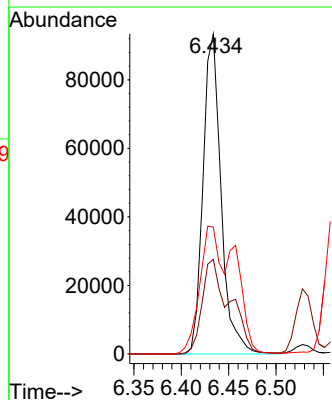
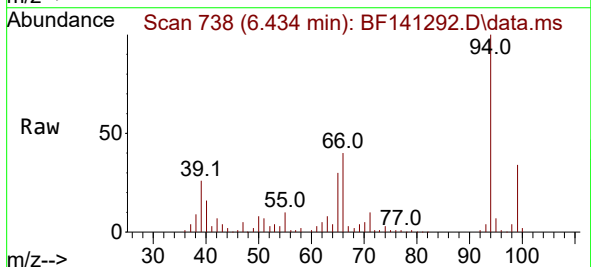
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

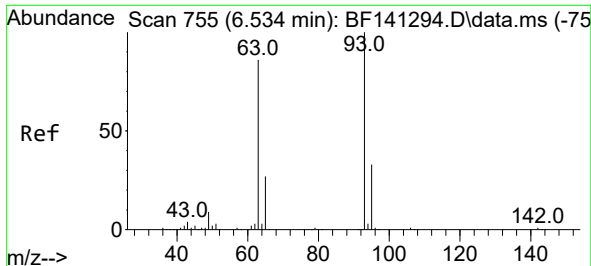
Tgt Ion: 77 Resp: 74679
Ion Ratio Lower Upper
77 100
105 99.6 79.4 119.4
106 96.1 74.6 114.6



#10
Phenol
Concen: 10.695 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 94 Resp: 124196
Ion Ratio Lower Upper
94 100
65 29.5 10.8 50.8
66 39.7 23.3 63.3





#11

bis(2-Chloroethyl)ether

Concen: 10.486 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.018 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

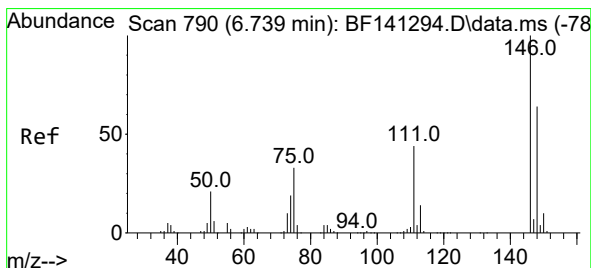
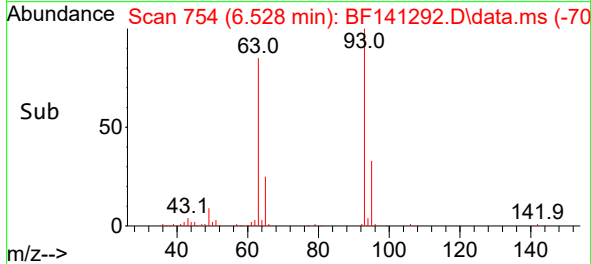
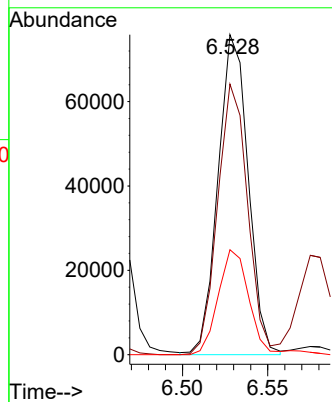
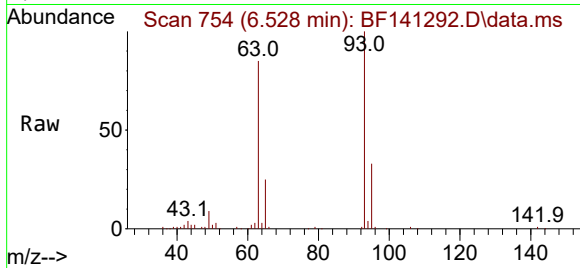
Tgt Ion: 93 Resp: 93367

Ion Ratio Lower Upper

93 100

63 84.6 65.0 105.0

95 32.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 10.836 ng

RT: 6.740 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

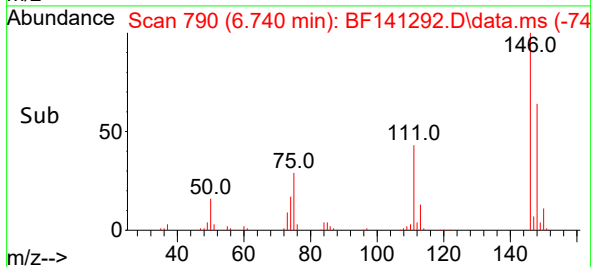
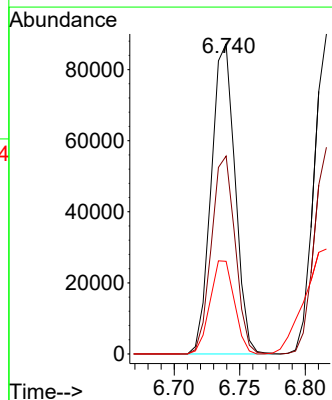
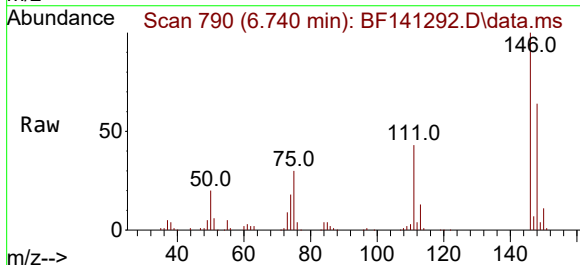
Tgt Ion: 146 Resp: 110278

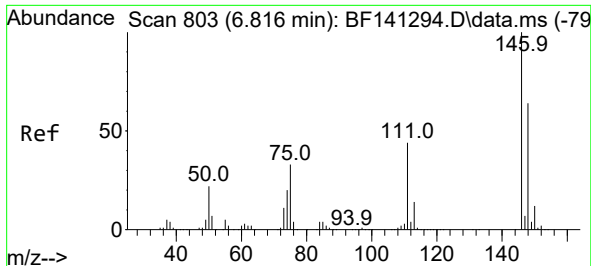
Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

75 29.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 10.755 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

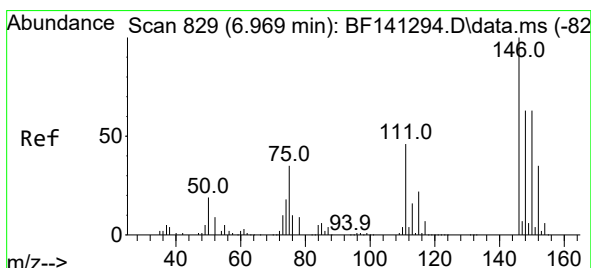
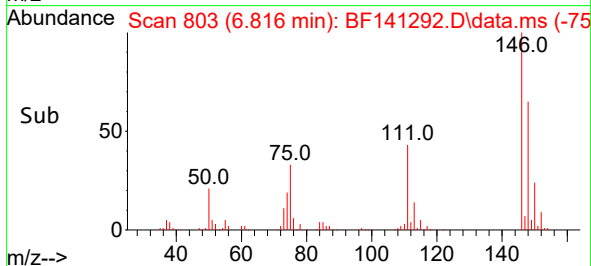
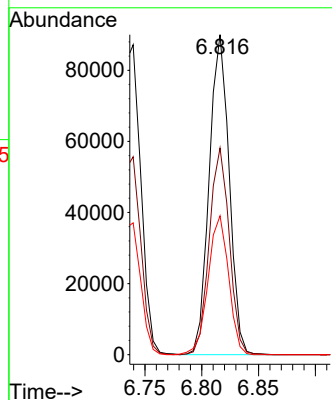
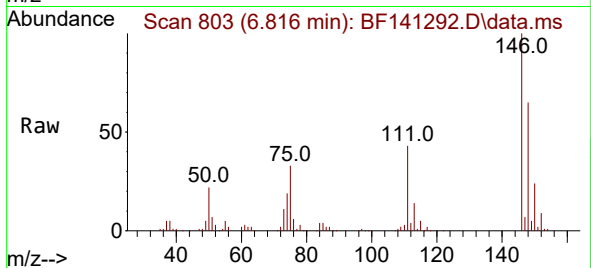
Tgt Ion:146 Resp: 109956

Ion Ratio Lower Upper

146 100

148 64.6 51.2 76.8

111 43.4 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 11.108 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

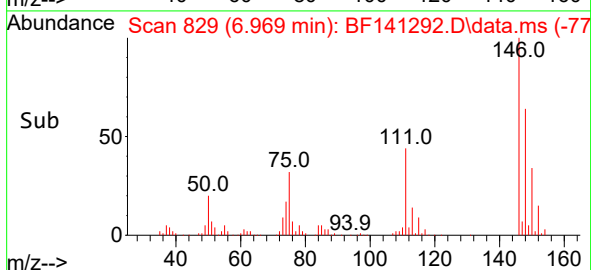
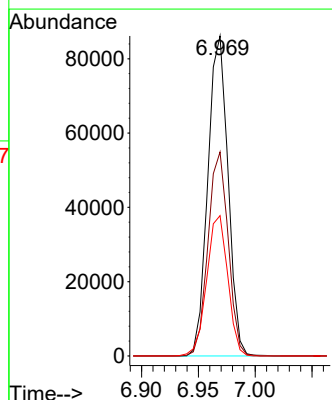
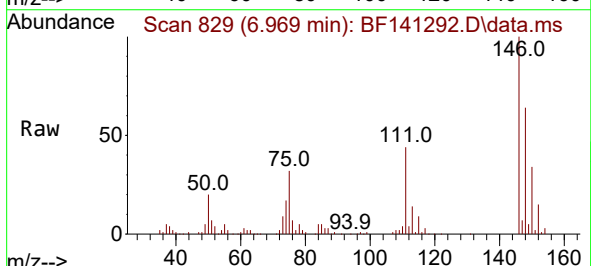
Tgt Ion:146 Resp: 106335

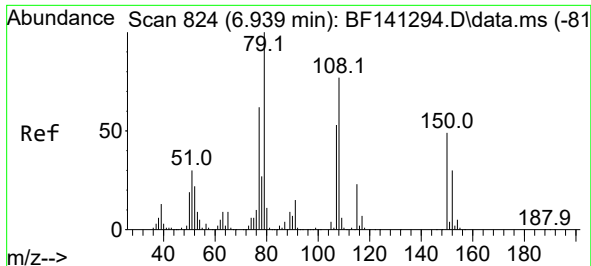
Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

111 43.8 36.6 55.0

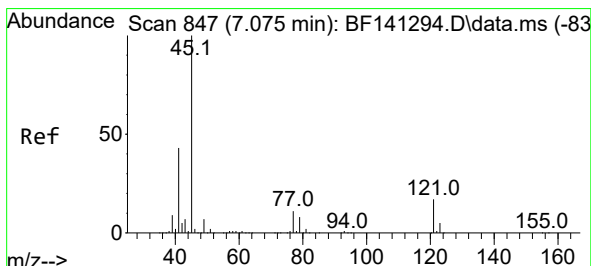
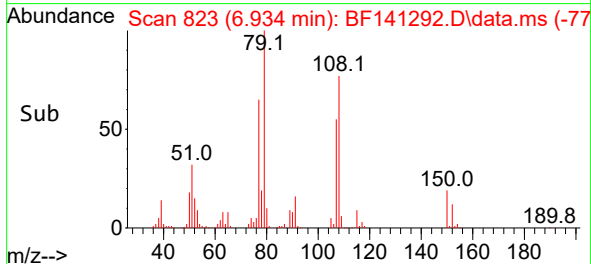
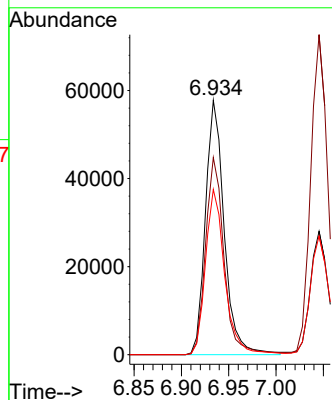
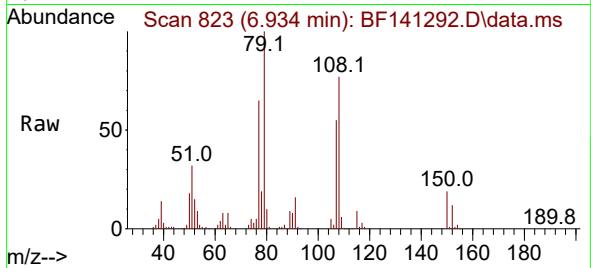




#15
Benzyl Alcohol
Concen: 10.603 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

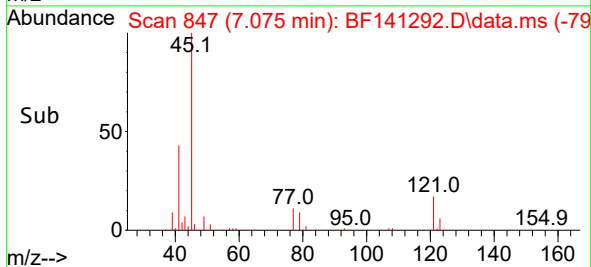
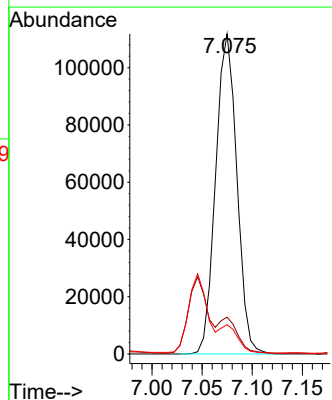
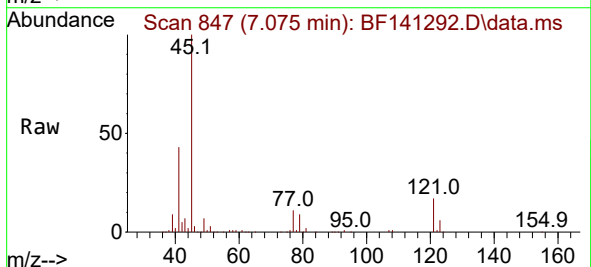
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

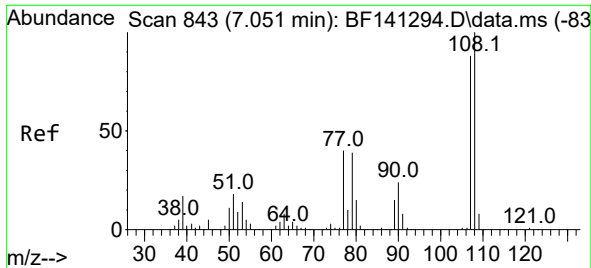
Tgt Ion: 79 Resp: 79378
Ion Ratio Lower Upper
79 100
108 77.5 61.4 92.0
77 65.0 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.604 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 45 Resp: 164185
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.8
79 9.2 0.0 29.1

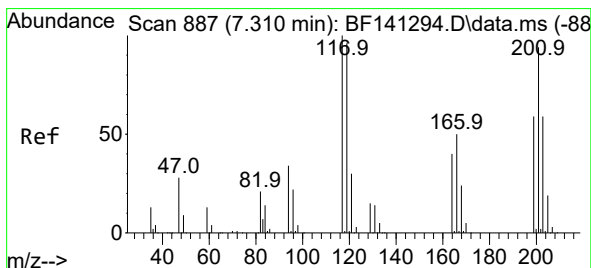
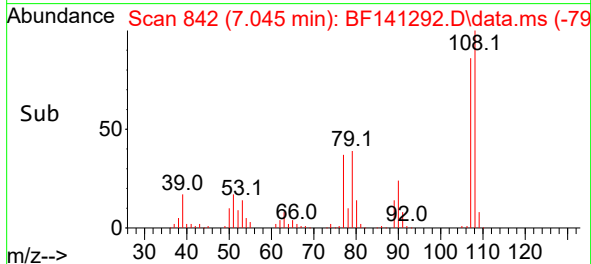
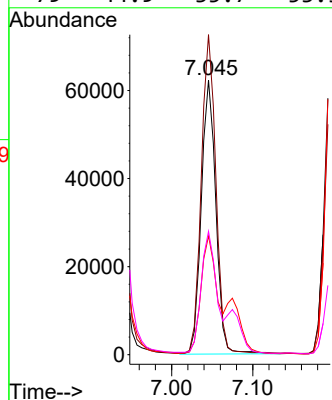
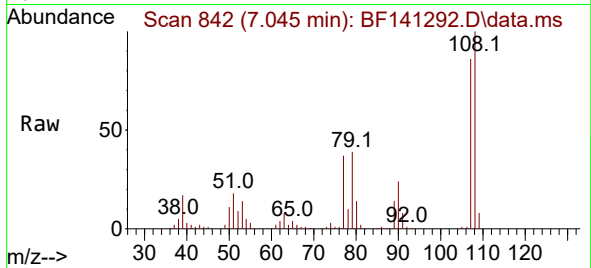




#17
2-Methylphenol
Concen: 10.351 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

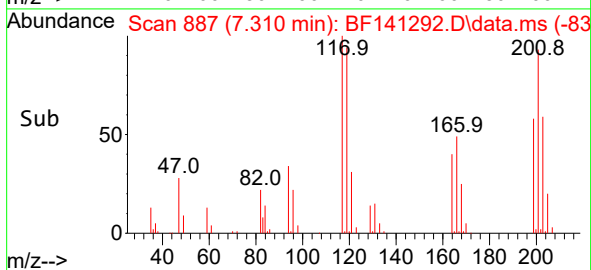
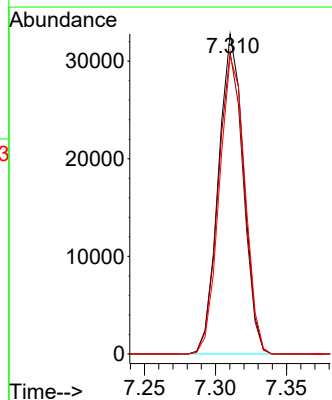
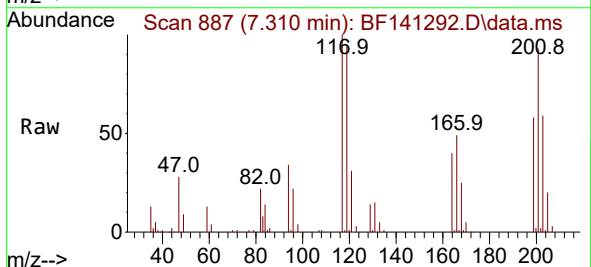
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

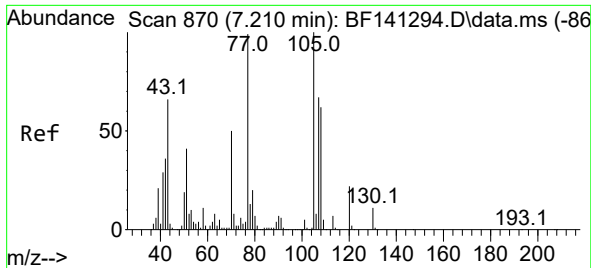
Tgt Ion:	107	Resp:	77643
Ion Ratio	Lower	Upper	
107	100		
108	116.6	90.8	136.2
77	43.3	36.2	54.4
79	44.9	35.7	53.5



#18
Hexachloroethane
Concen: 10.724 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:	117	Resp:	40445
Ion Ratio	Lower	Upper	
117	100		
119	94.3	76.6	114.8
201	93.1	74.8	112.2

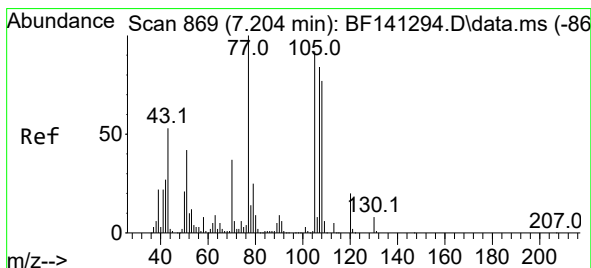
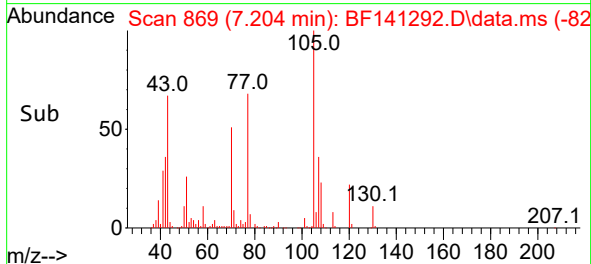
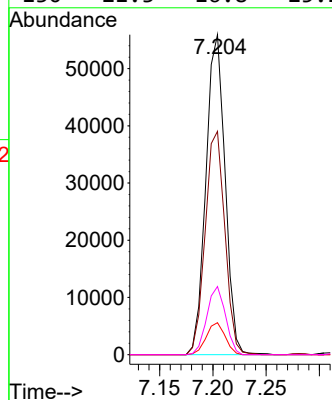
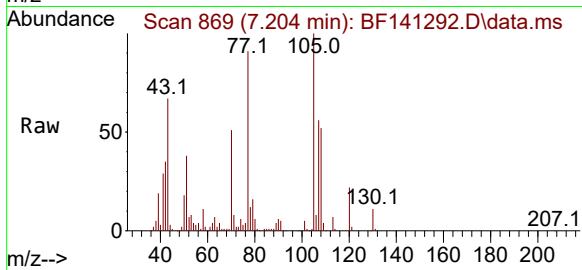




#19
n-Nitroso-di-n-propylamine
Concen: 10.765 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.024 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

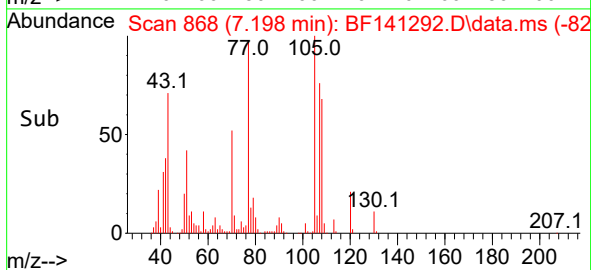
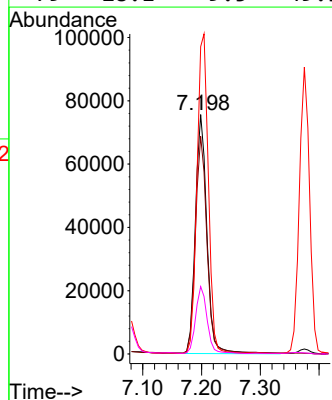
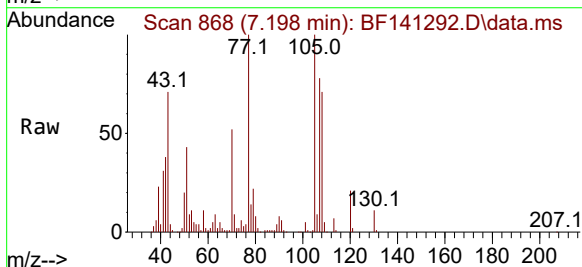
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

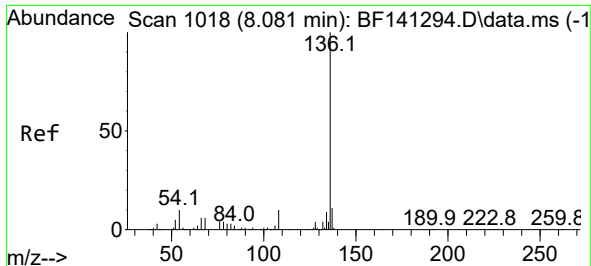
Tgt Ion: 70 Resp: 70075
Ion Ratio Lower Upper
70 100
42 69.8 56.8 85.2
101 10.0 7.7 11.5
130 21.3 16.8 25.2



#20
3+4-Methylphenols
Concen: 11.221 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:107 Resp: 103350
Ion Ratio Lower Upper
107 100
108 91.0 70.9 110.9
77 128.4 98.5 138.5
79 28.1 9.5 49.5

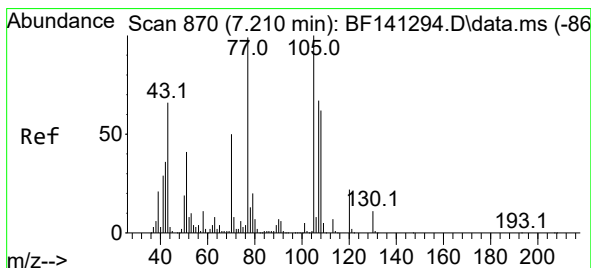
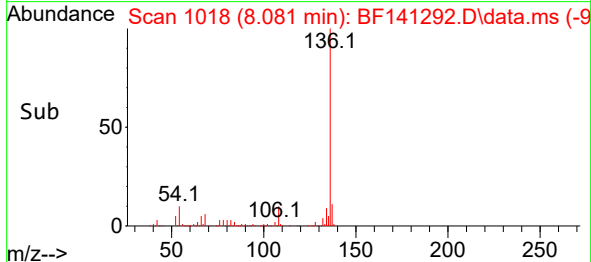
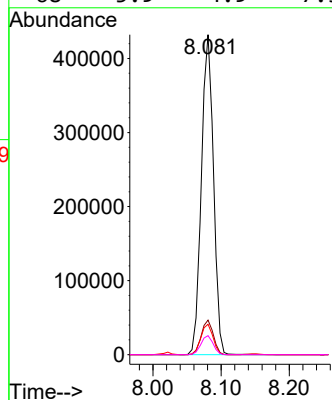
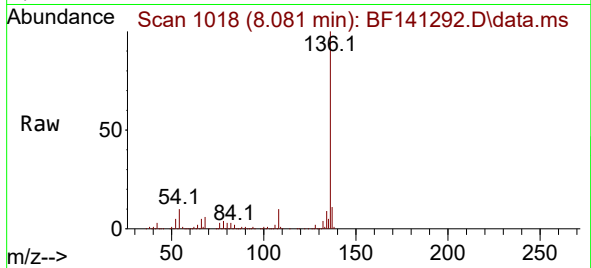




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

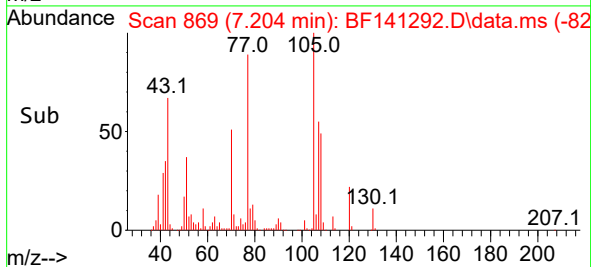
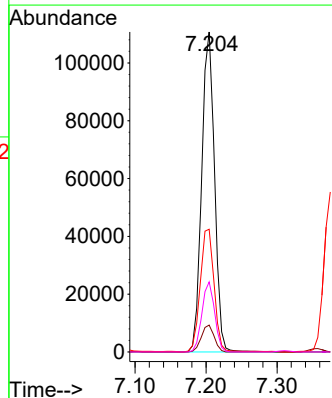
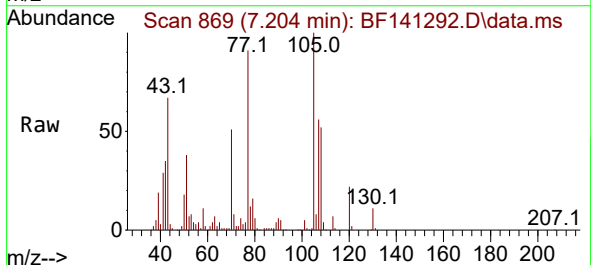
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

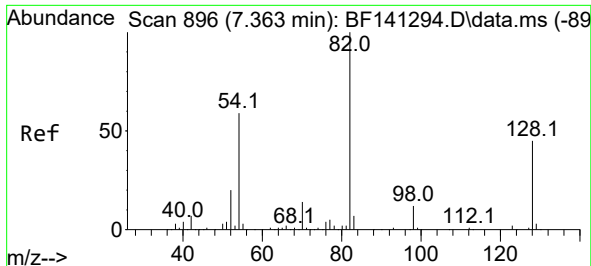
Tgt Ion:	136	Resp:	533326
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	9.5	7.8	11.8
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 11.006 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:	105	Resp:	139527
Ion Ratio	Lower	Upper	
105	100		
71	8.4	6.8	10.2
51	38.3	32.6	49.0
120	21.9	17.4	26.0





#23

Nitrobenzene-d5

Concen: 20.860 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

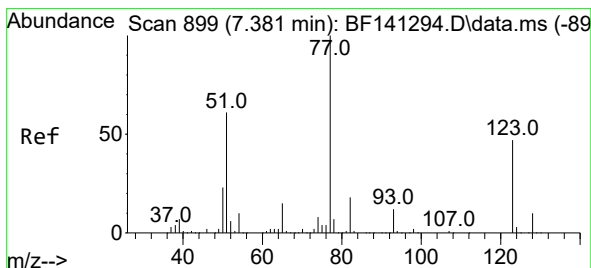
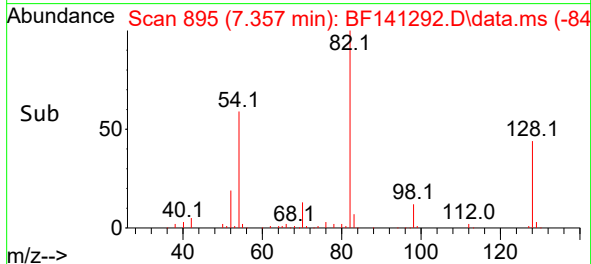
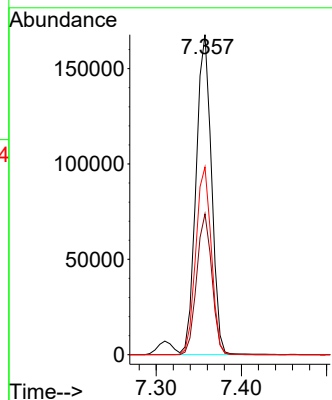
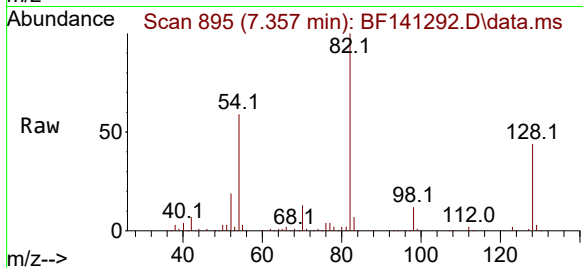
BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 211040

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.7	53.5
54	58.7	47.1	70.7



#24

Nitrobenzene

Concen: 10.444 ng

RT: 7.375 min Scan# 898

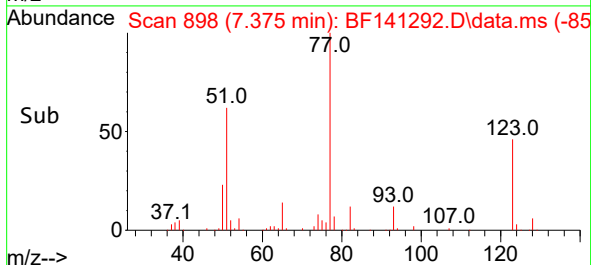
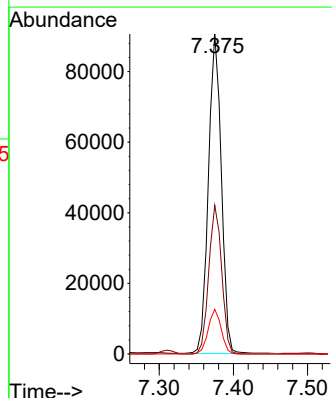
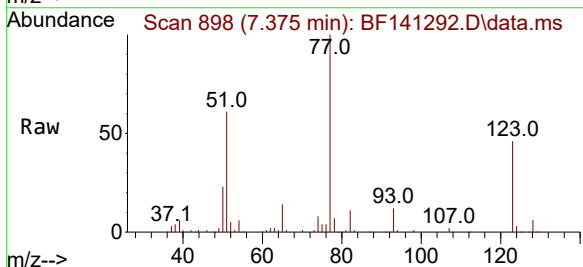
Delta R.T. -0.018 min

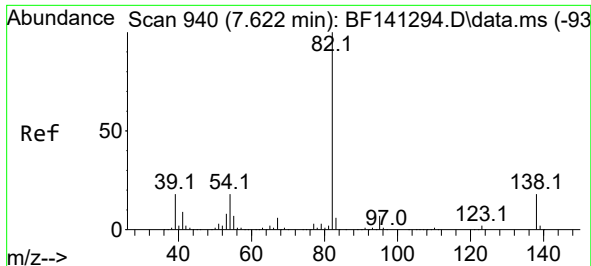
Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Tgt Ion: 77 Resp: 109497

Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.3	55.9
65	14.0	11.8	17.6

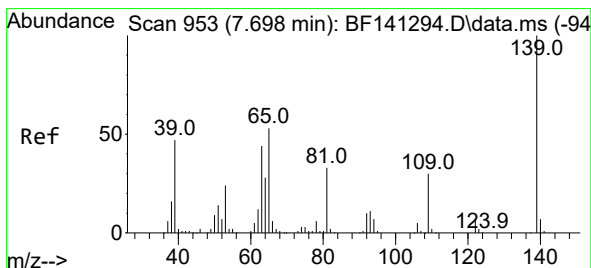
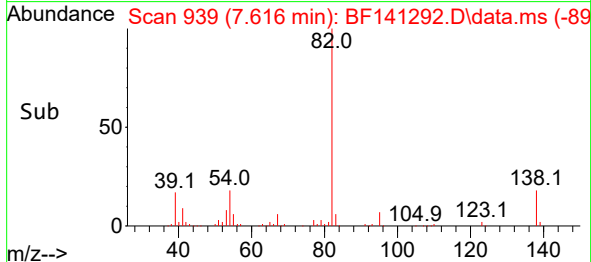
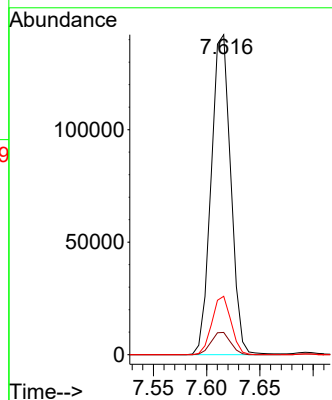
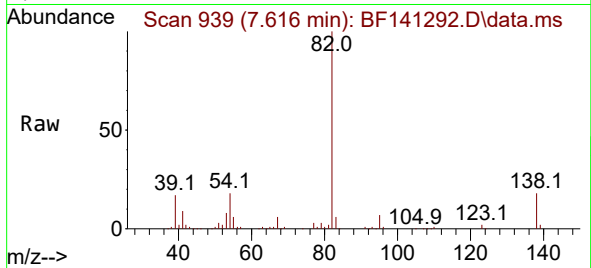




#25
Isophorone
Concen: 10.439 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

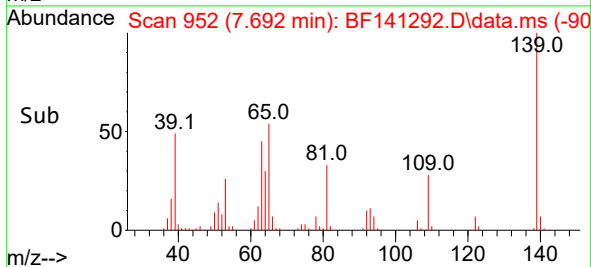
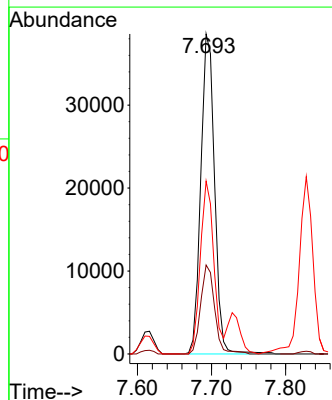
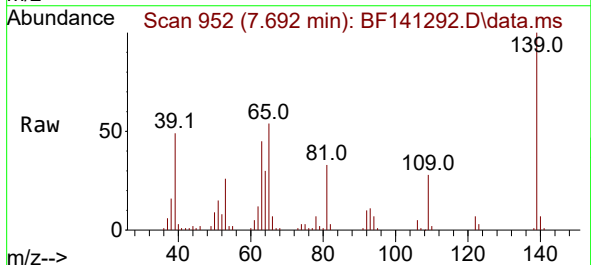
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

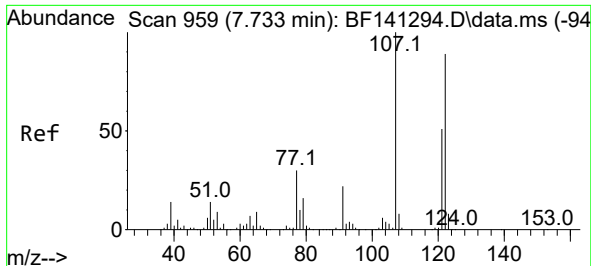
Tgt Ion: 82 Resp: 182564
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 18.2 14.7 22.1



#26
2-Nitrophenol
Concen: 10.068 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:139 Resp: 49783
Ion Ratio Lower Upper
139 100
109 27.8 23.8 35.6
65 54.0 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 9.573 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

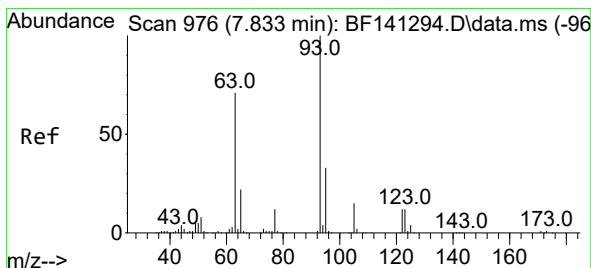
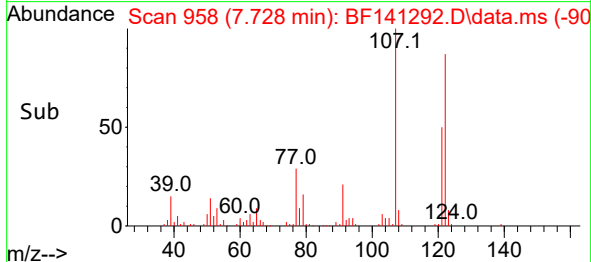
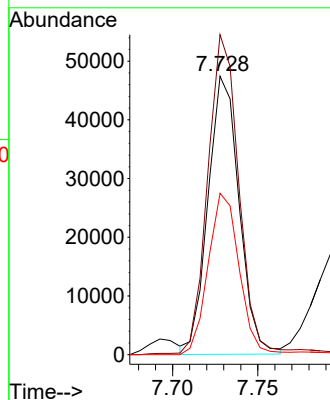
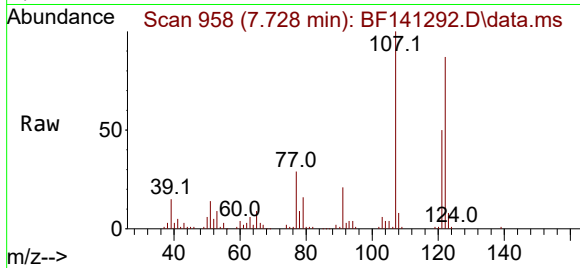
Tgt Ion:122 Resp: 60245

Ion Ratio Lower Upper

122 100

107 114.9 89.9 134.9

121 58.0 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 10.509 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

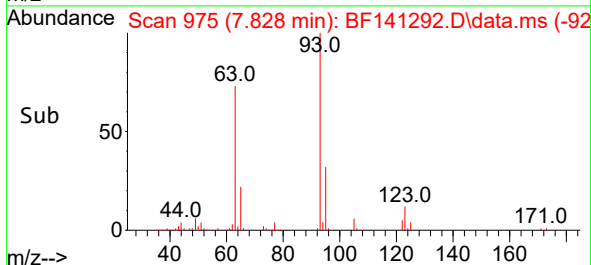
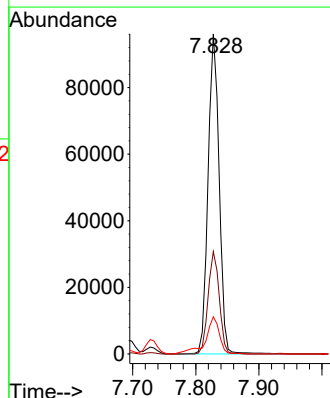
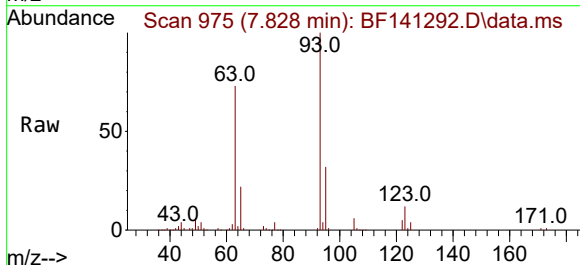
Tgt Ion: 93 Resp: 117232

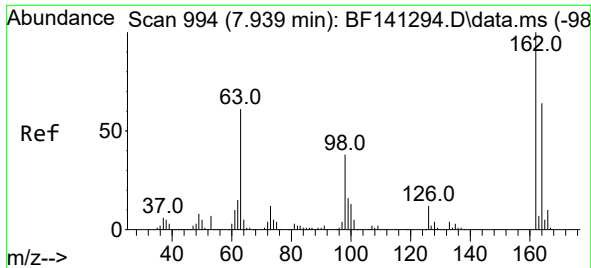
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 11.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 10.377 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

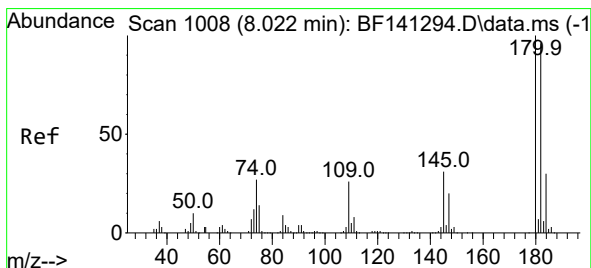
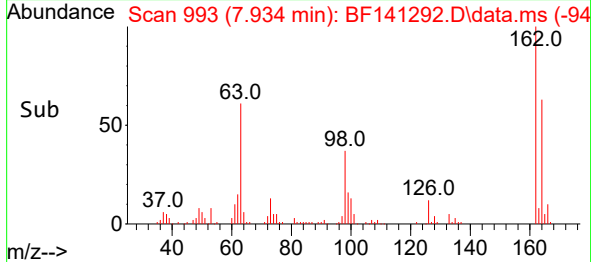
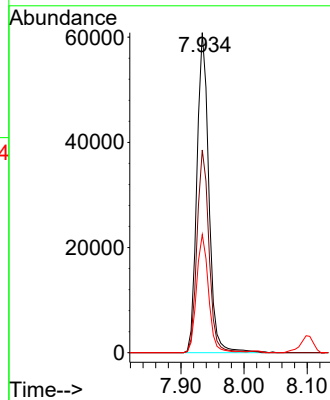
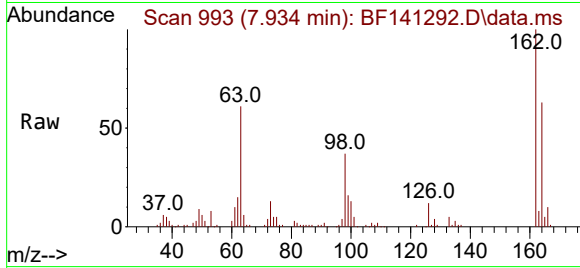
Tgt Ion:162 Resp: 79949

Ion Ratio Lower Upper

162 100

164 63.4 44.2 84.2

98 36.9 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 10.731 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

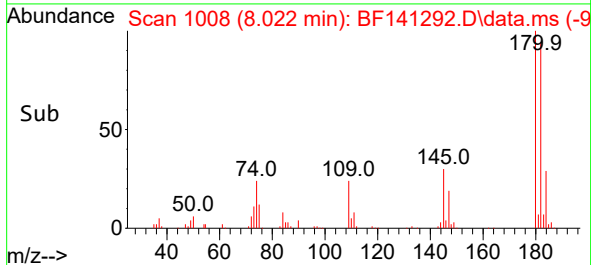
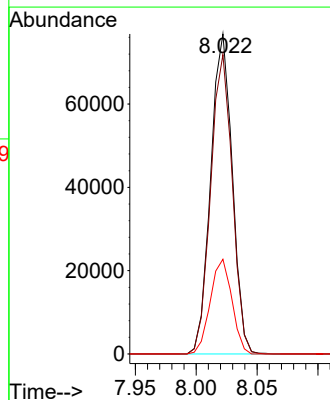
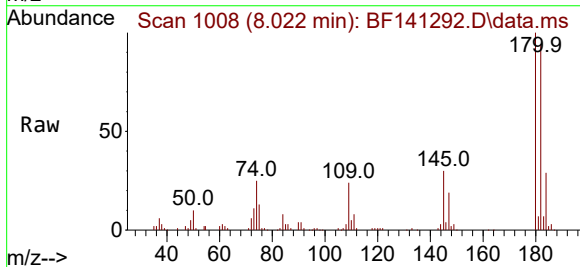
Tgt Ion:180 Resp: 94419

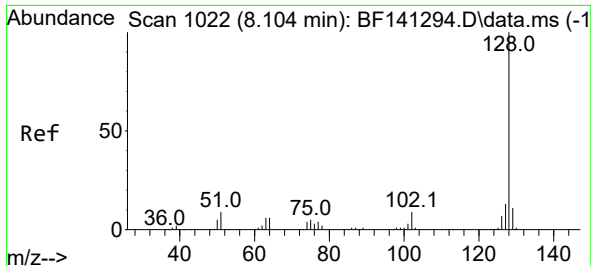
Ion Ratio Lower Upper

180 100

182 93.6 76.4 114.6

145 29.6 24.9 37.3





#31

Naphthalene

Concen: 10.839 ng

RT: 8.098 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

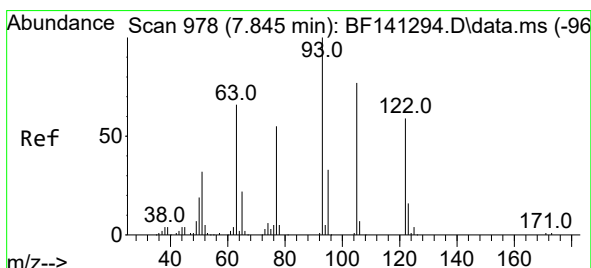
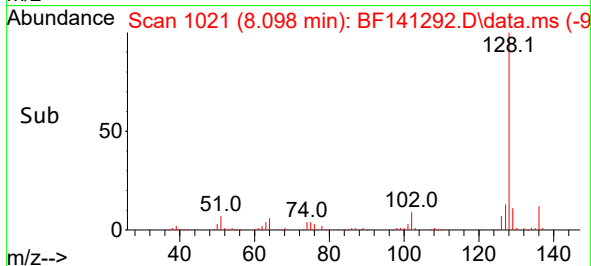
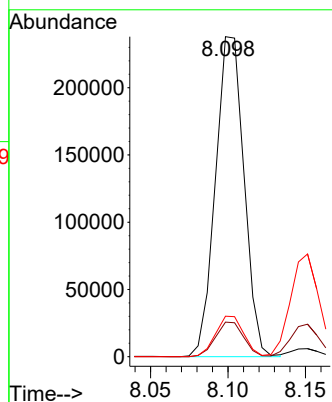
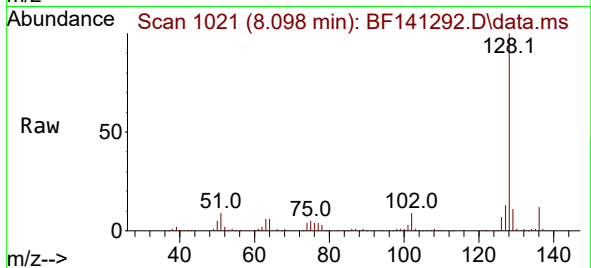
Tgt Ion:128 Resp: 305386

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 12.7 10.6 15.8



#32

Benzoic acid

Concen: 8.219 ng

RT: 7.798 min Scan# 970

Delta R.T. -0.082 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

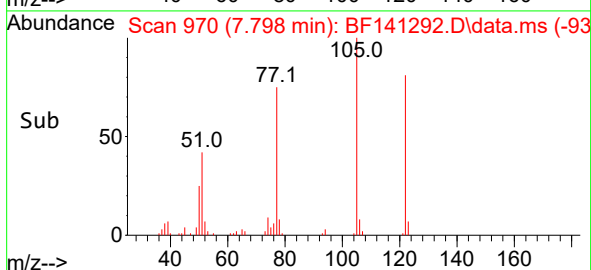
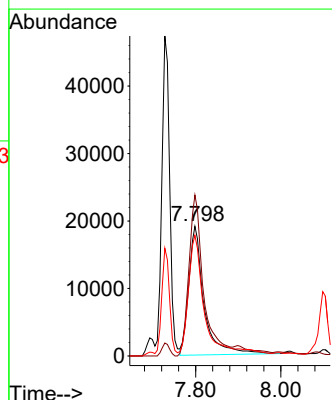
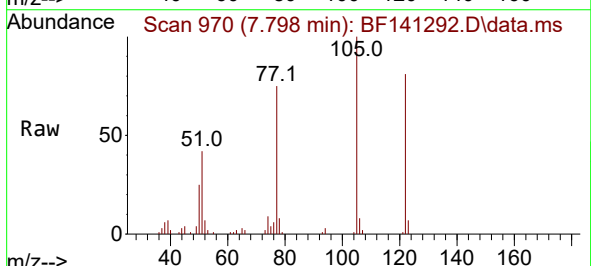
Tgt Ion:122 Resp: 47549

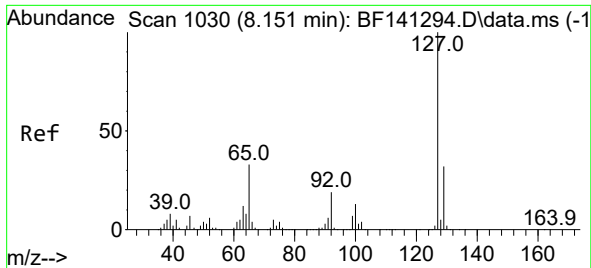
Ion Ratio Lower Upper

122 100

105 124.1 103.4 143.4

77 93.0 70.9 110.9

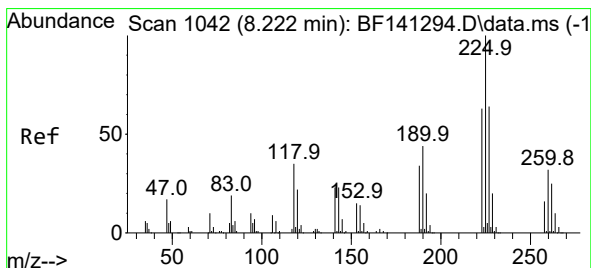
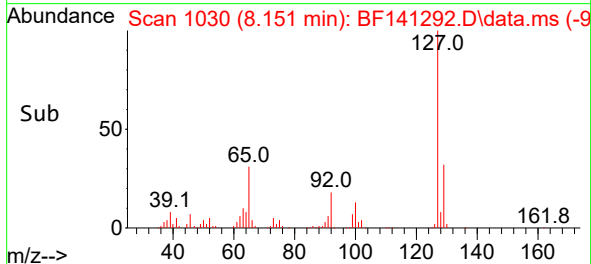
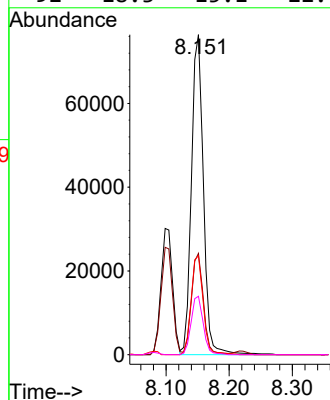
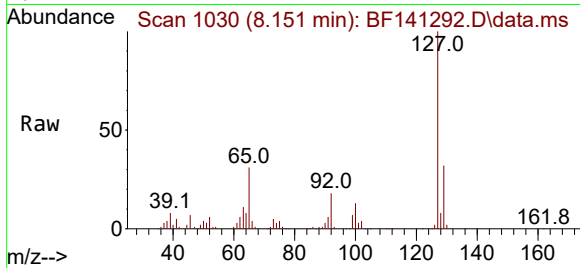




#33
4-Chloroaniline
Concen: 10.556 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

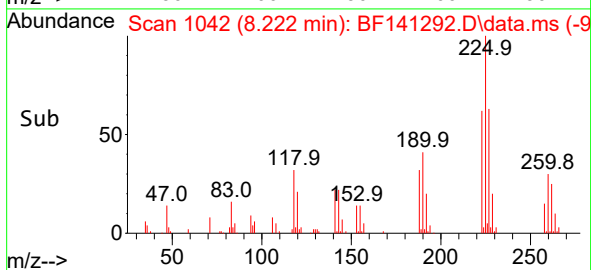
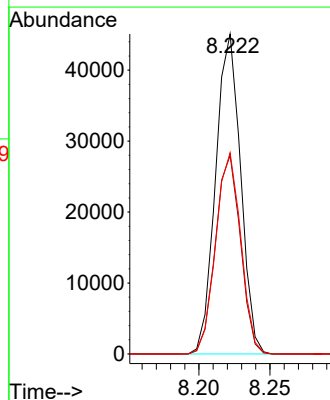
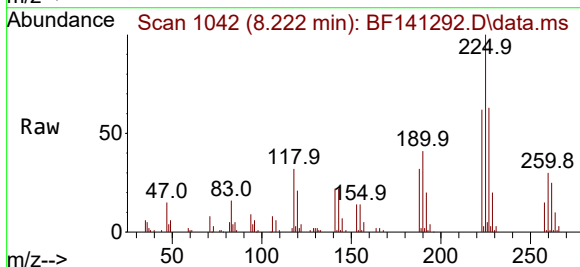
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

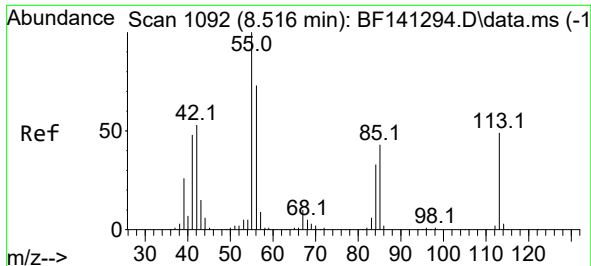
Tgt	Ion:127	Resp:	100852
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	30.9	26.4	39.6
92	18.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 10.679 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt	Ion:225	Resp:	55103
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.4	75.6
227	62.9	51.3	76.9

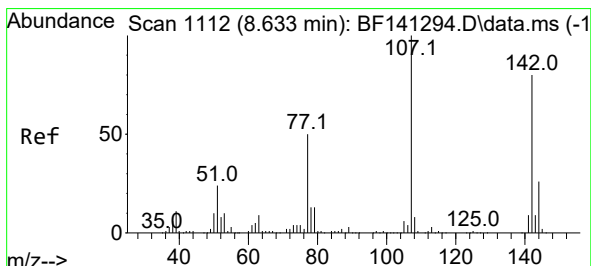
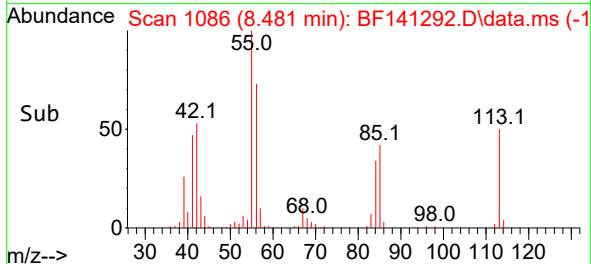
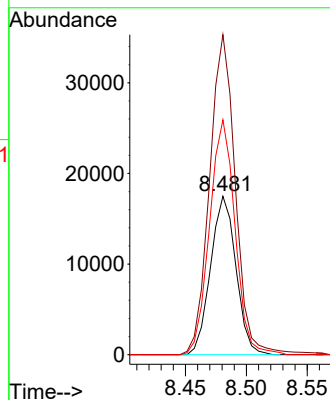
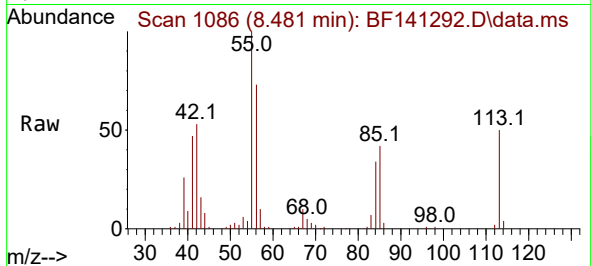




#35
 Caprolactam
 Concen: 10.080 ng
 RT: 8.481 min Scan# 110
 Delta R.T. -0.065 min
 Lab File: BF141292.D
 Acq: 29 Jan 2025 11:49

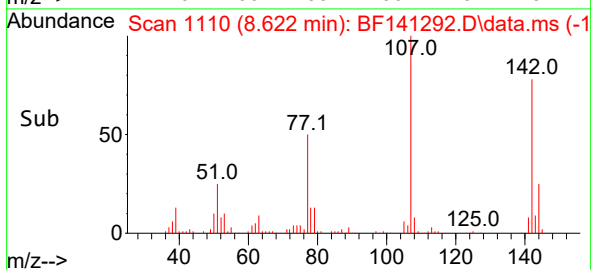
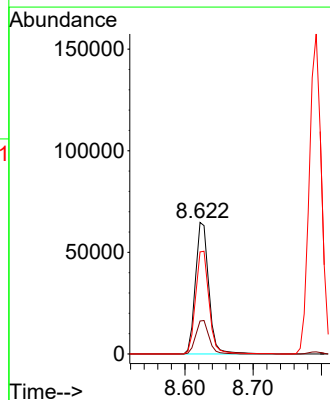
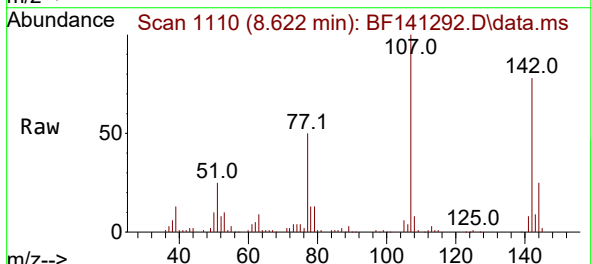
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

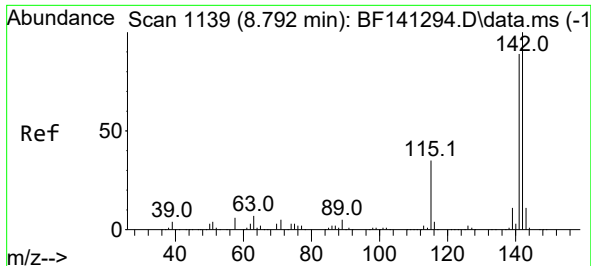
Tgt Ion:113 Resp: 25363
 Ion Ratio Lower Upper
 113 100
 55 201.9 182.9 222.9
 56 148.2 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 10.599 ng
 RT: 8.622 min Scan# 1110
 Delta R.T. -0.018 min
 Lab File: BF141292.D
 Acq: 29 Jan 2025 11:49

Tgt Ion:107 Resp: 87592
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.7 31.1
 142 77.6 63.8 95.8

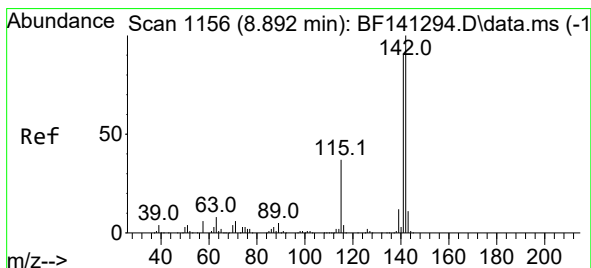
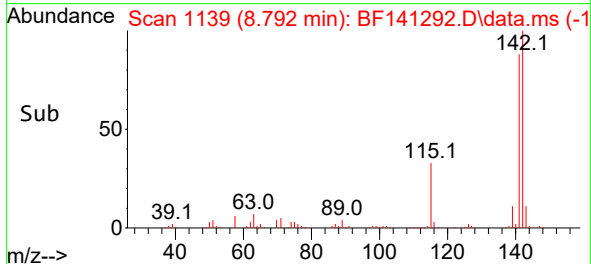
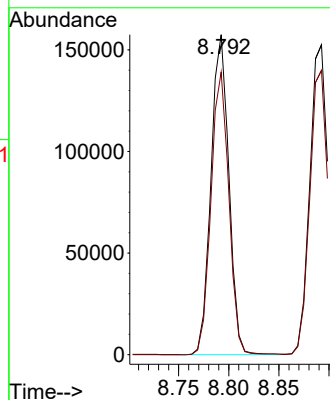
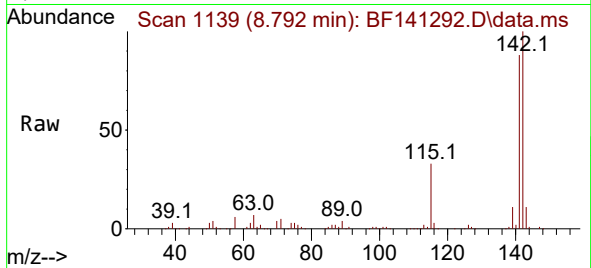




#37
2-Methylnaphthalene
Concen: 10.898 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

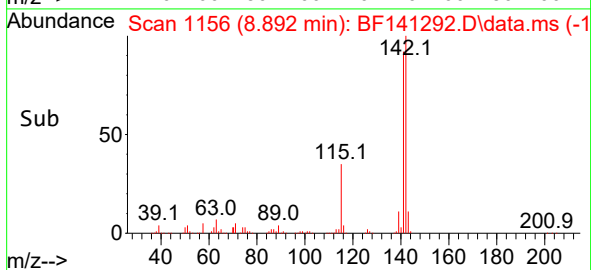
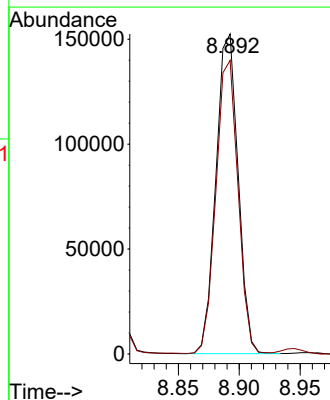
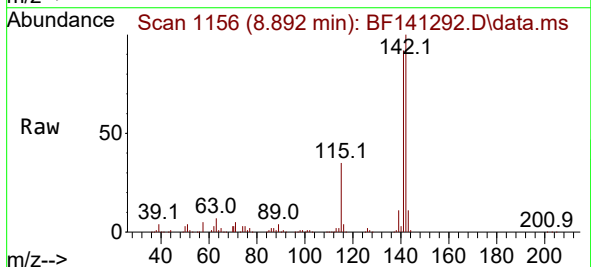
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

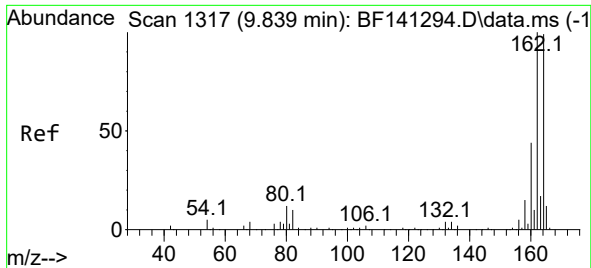
Tgt Ion:142 Resp: 195160
Ion Ratio Lower Upper
142 100
141 88.3 71.3 106.9



#38
1-Methylnaphthalene
Concen: 10.964 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:142 Resp: 192861
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8

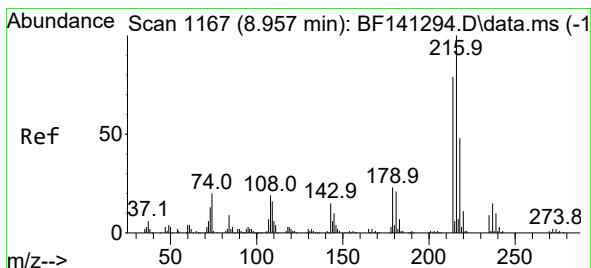
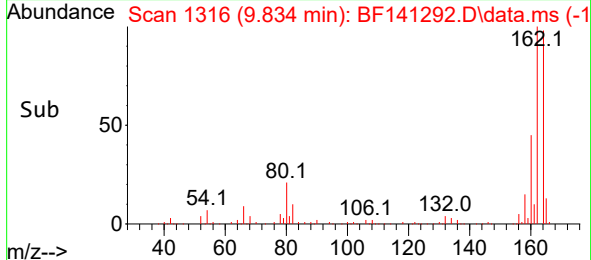
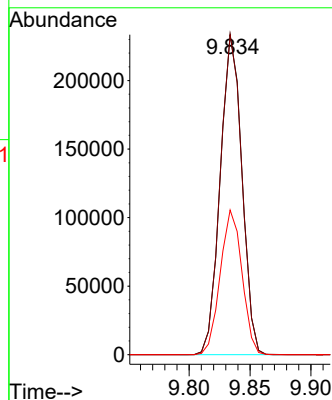
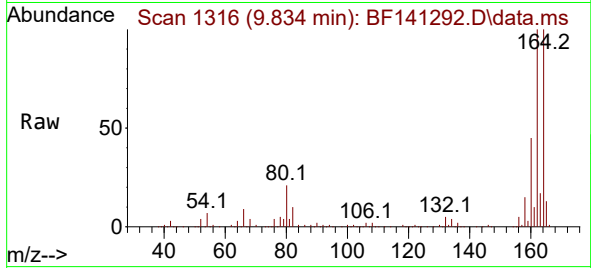




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

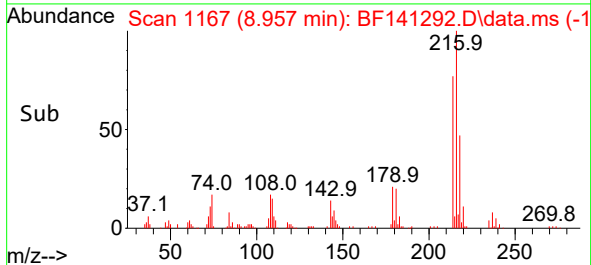
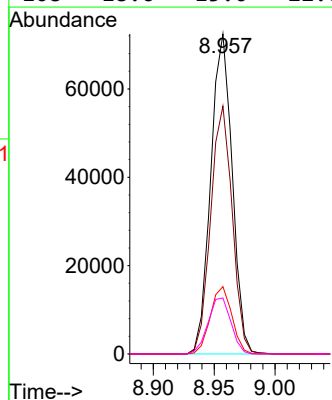
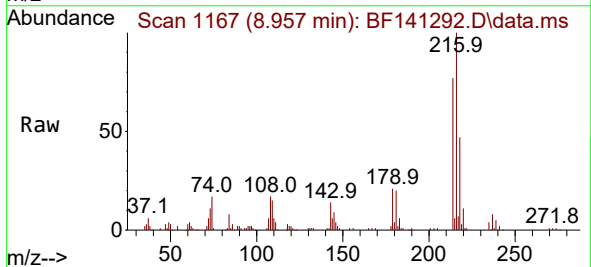
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

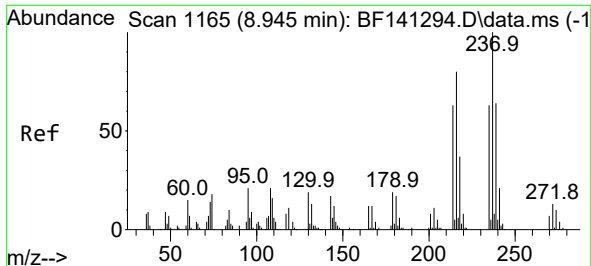
Tgt Ion:164 Resp: 289559
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 45.2 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.769 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:216 Resp: 88710
Ion Ratio Lower Upper
216 100
214 77.8 63.2 94.8
179 21.1 17.8 26.8
108 18.6 15.0 22.6

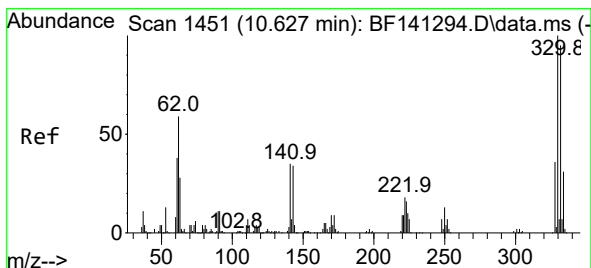
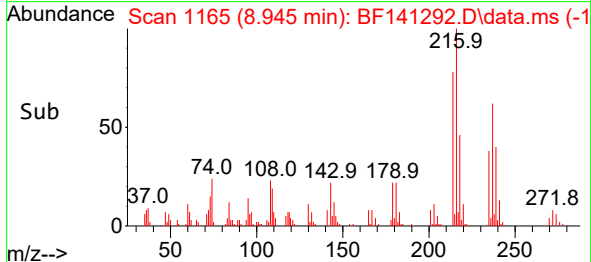
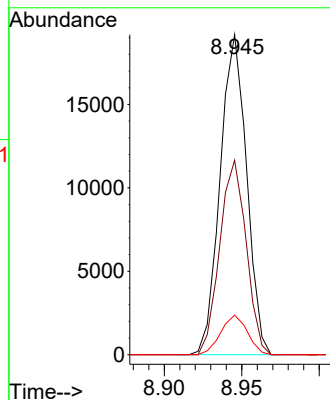
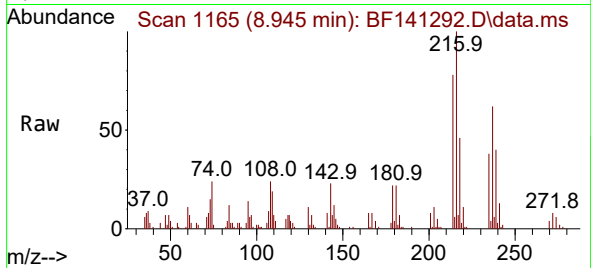




#41
Hexachlorocyclopentadiene
Concen: 9.355 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

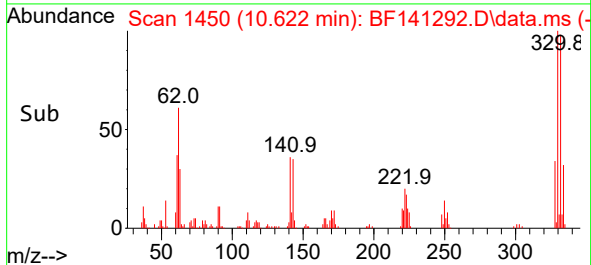
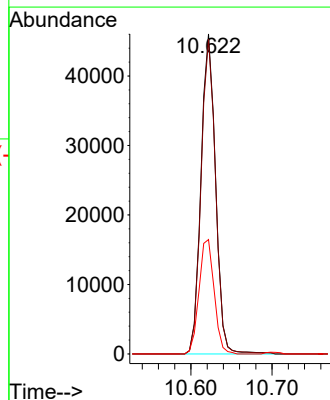
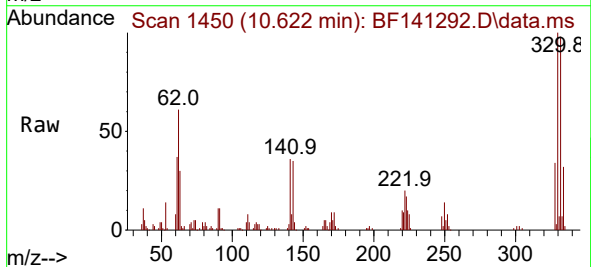
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

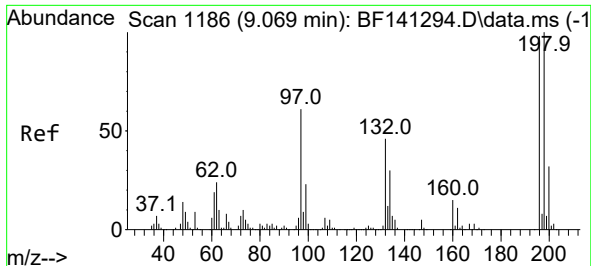
Tgt Ion: 237 Resp: 22759
Ion Ratio Lower Upper
237 100
235 60.8 42.9 82.9
272 12.3 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 21.629 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 330 Resp: 57417
Ion Ratio Lower Upper
330 100
332 98.0 76.1 114.1
141 37.3 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 10.207 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

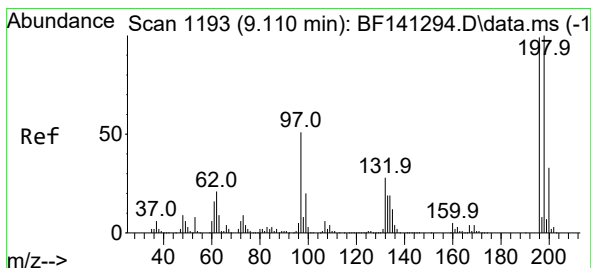
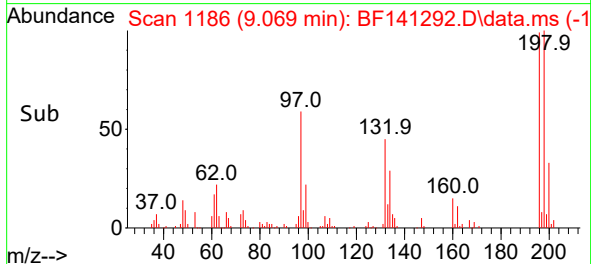
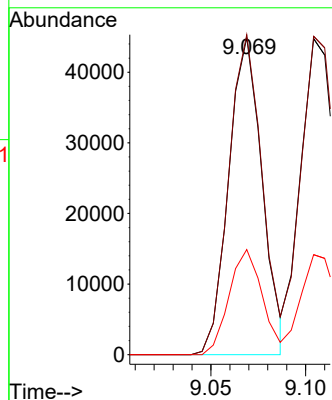
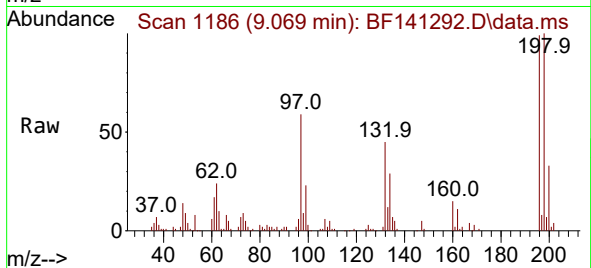
Tgt Ion:196 Resp: 55036

Ion Ratio Lower Upper

196 100

198 101.0 81.8 122.6

200 33.2 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 10.479 ng

RT: 9.104 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Tgt Ion:196 Resp: 61493

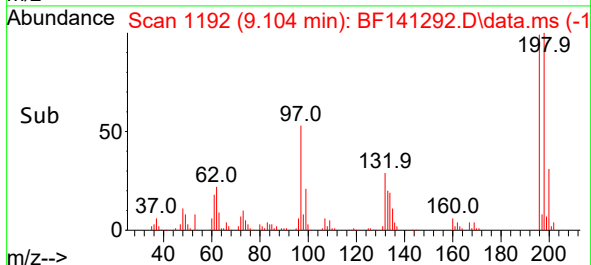
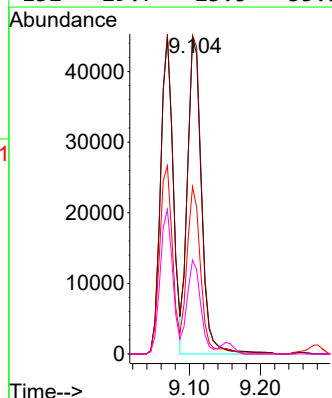
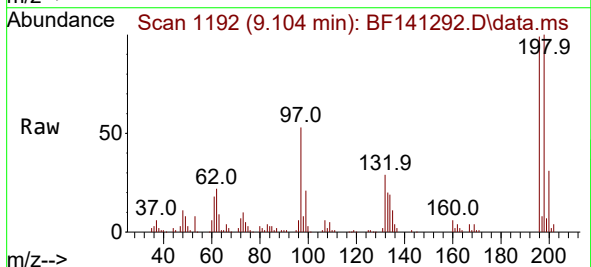
Ion Ratio Lower Upper

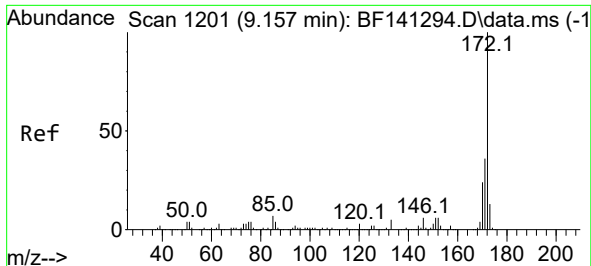
196 100

198 100.8 80.5 120.7

97 52.9 42.8 64.2

132 29.7 23.5 35.3

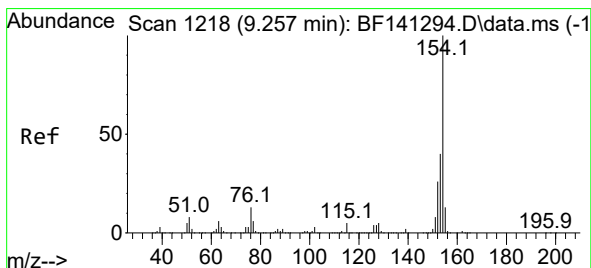
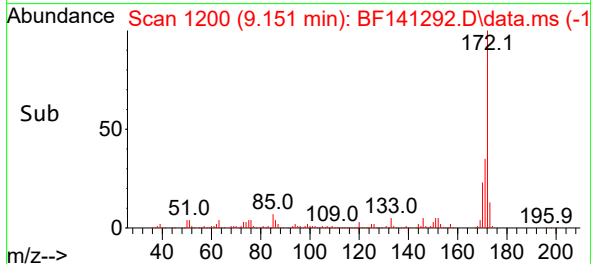
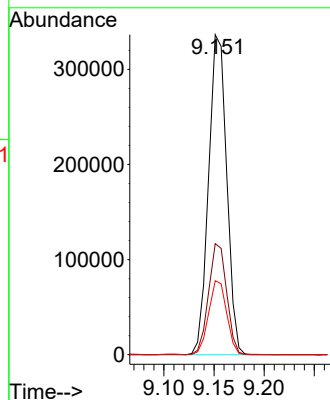
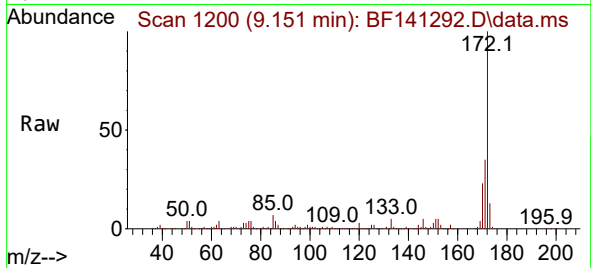




#45
2-Fluorobiphenyl
Concen: 22.530 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

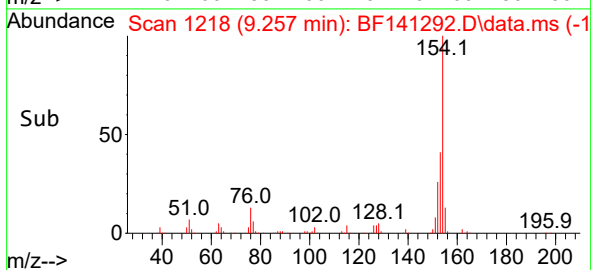
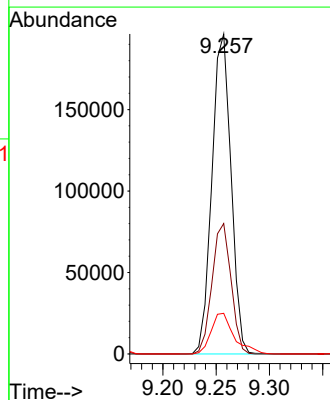
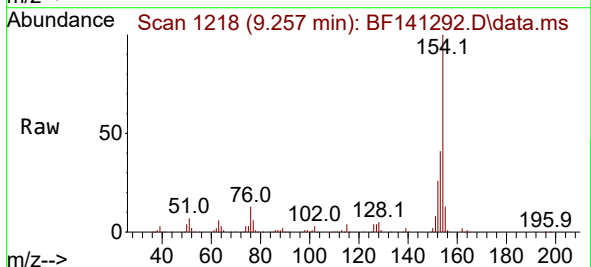
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

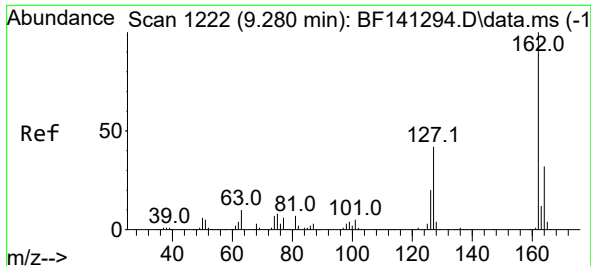
Tgt Ion:172 Resp: 423852
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 23.1 19.0 28.6



#46
1,1'-Biphenyl
Concen: 10.851 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:154 Resp: 245028
Ion Ratio Lower Upper
154 100
153 40.8 20.0 60.0
76 12.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 10.778 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

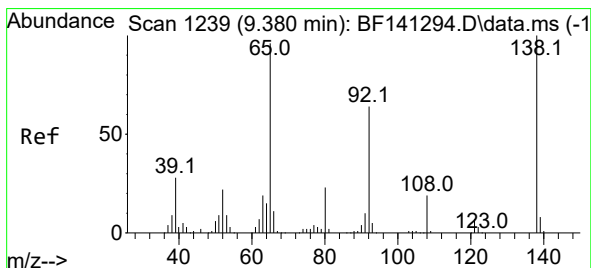
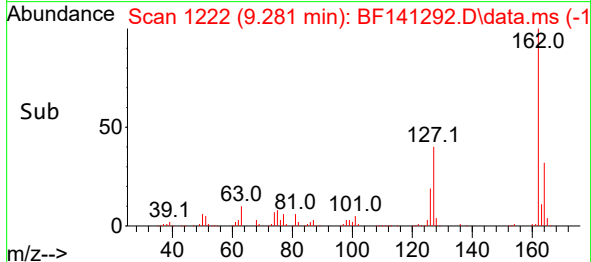
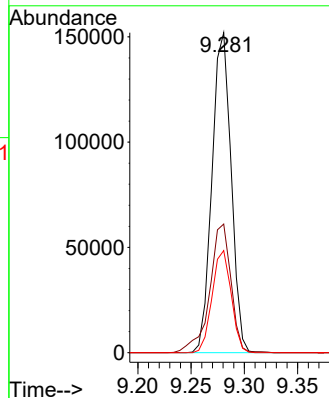
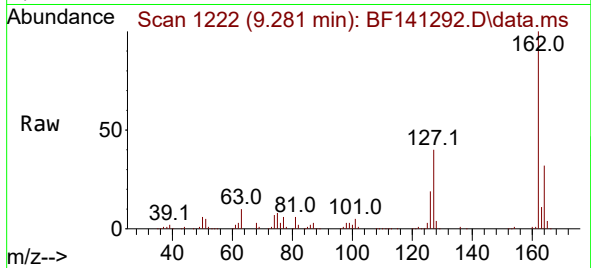
Tgt Ion:162 Resp: 189709

Ion Ratio Lower Upper

162 100

127 40.2 33.7 50.5

164 31.9 25.9 38.9



#48

2-Nitroaniline

Concen: 10.160 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

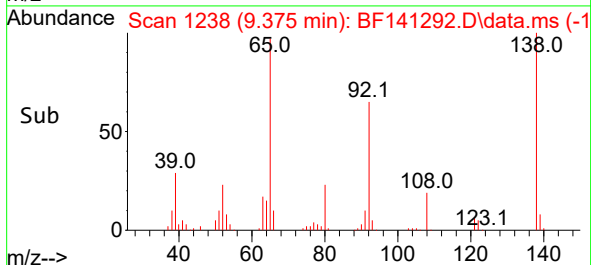
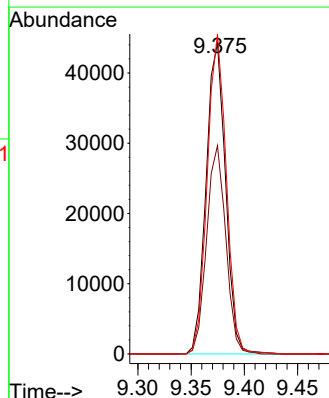
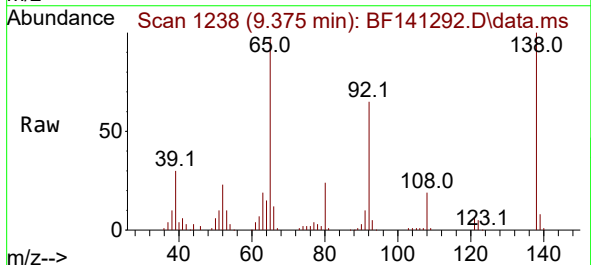
Tgt Ion: 65 Resp: 56247

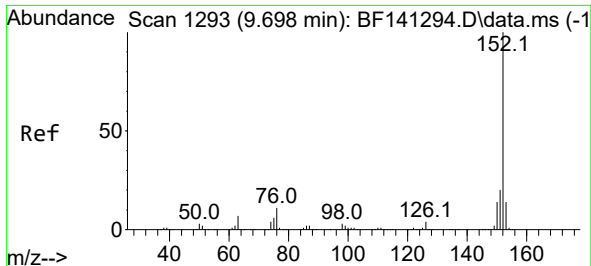
Ion Ratio Lower Upper

65 100

92 67.0 53.3 79.9

138 102.9 83.6 125.4





#49

Acenaphthylene

Concen: 10.896 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

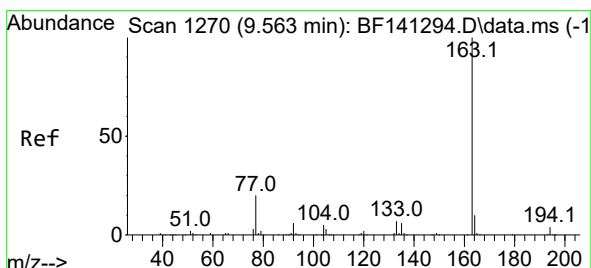
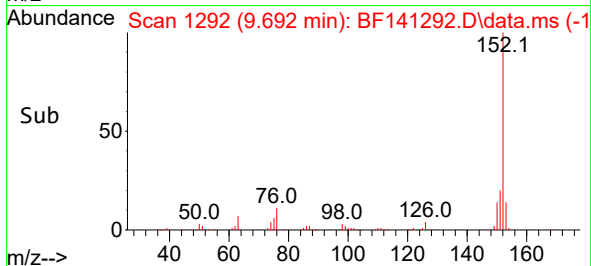
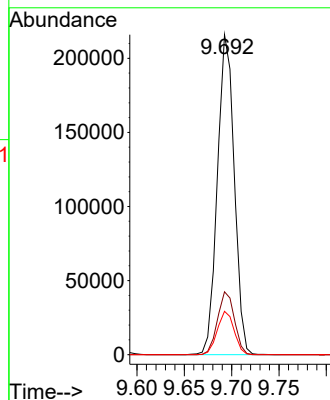
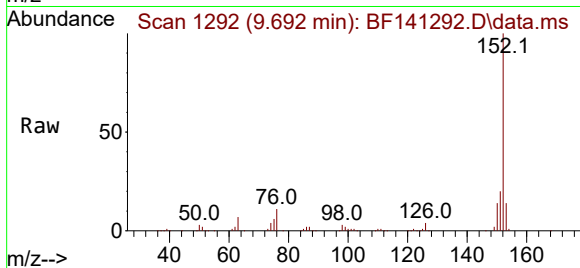
Tgt Ion:152 Resp: 268471

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 13.6 11.0 16.6



#50

Dimethylphthalate

Concen: 10.780 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

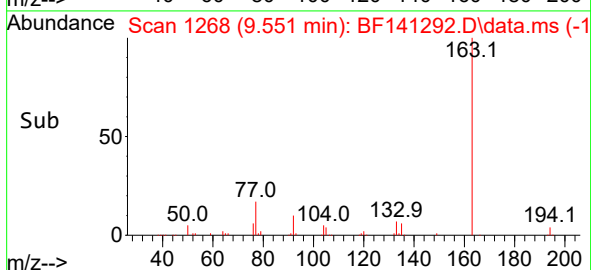
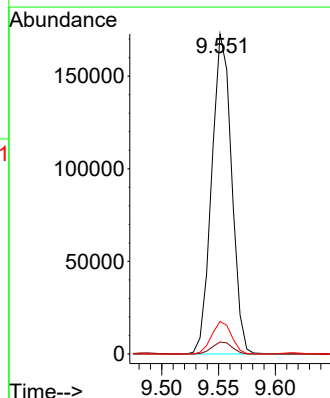
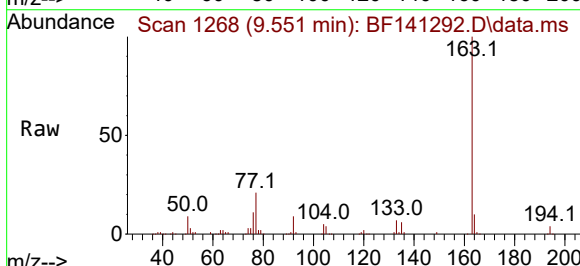
Tgt Ion:163 Resp: 210816

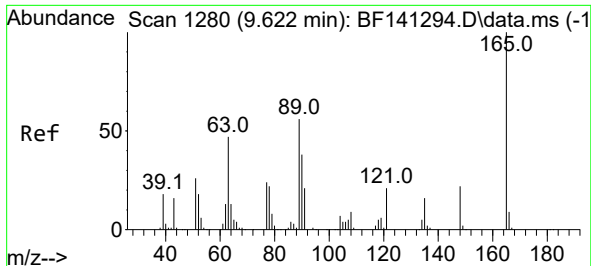
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.2 8.0 12.0

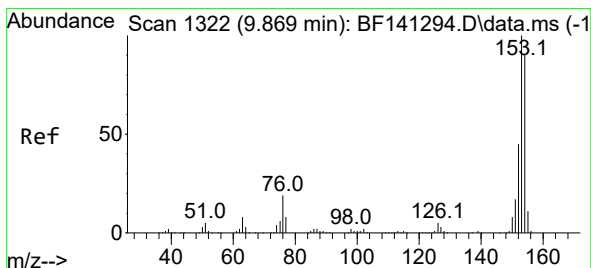
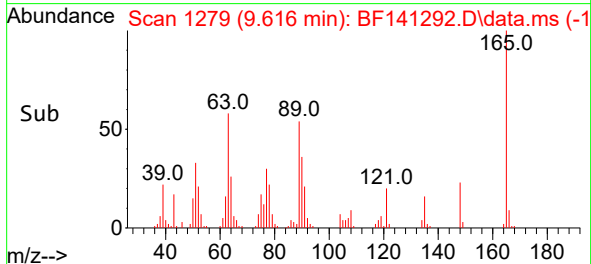
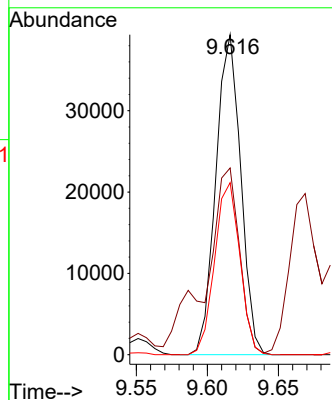
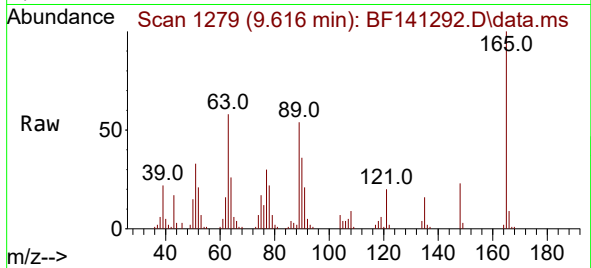




#51
2,6-Dinitrotoluene
Concen: 10.561 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

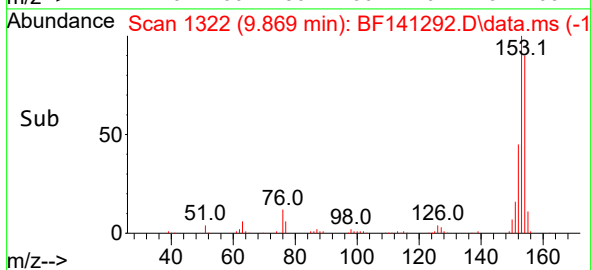
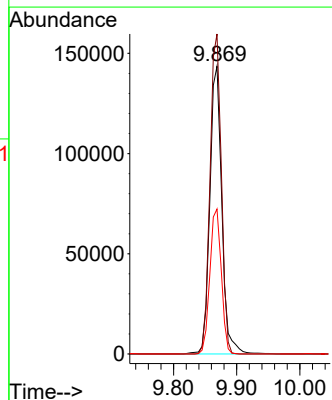
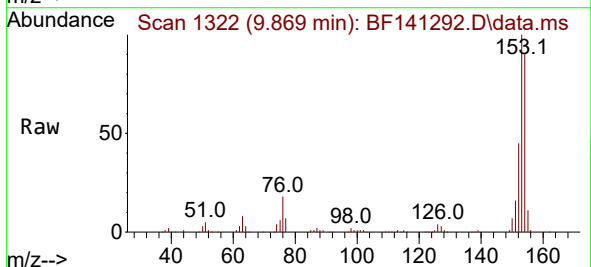
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

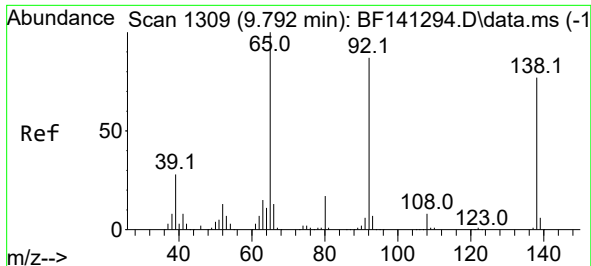
Tgt Ion:165 Resp: 47955
Ion Ratio Lower Upper
165 100
63 58.3 48.1 72.1
89 53.7 44.9 67.3



#52
Acenaphthene
Concen: 10.697 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:154 Resp: 188283
Ion Ratio Lower Upper
154 100
153 111.2 89.0 133.4
152 50.4 40.2 60.4

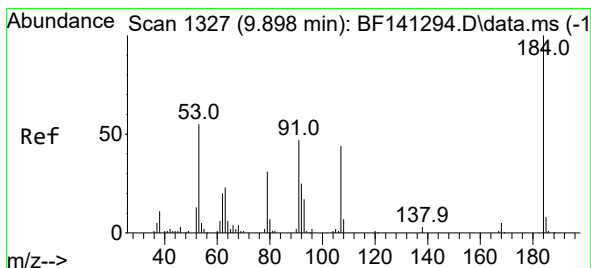
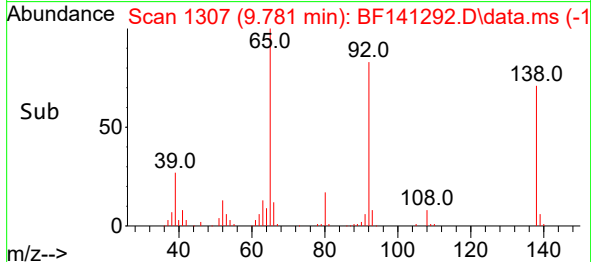
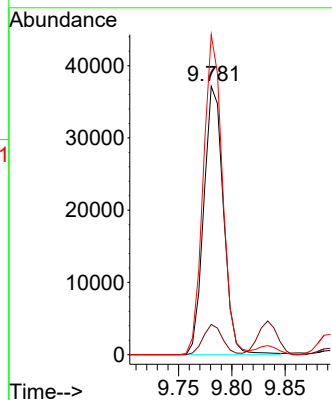
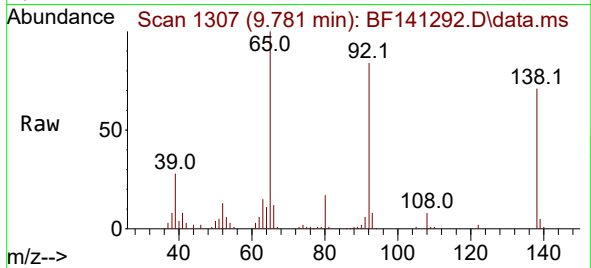




#53
3-Nitroaniline
Concen: 10.744 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

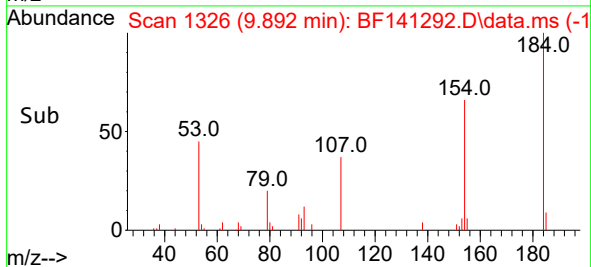
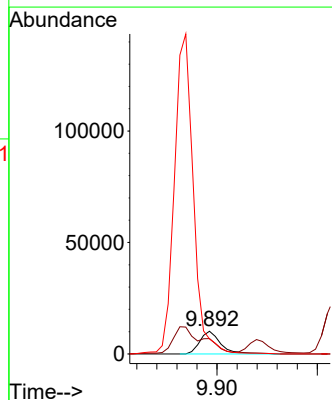
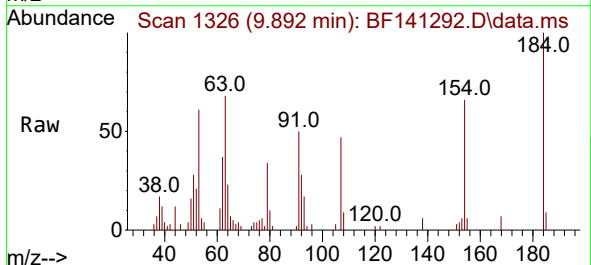
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

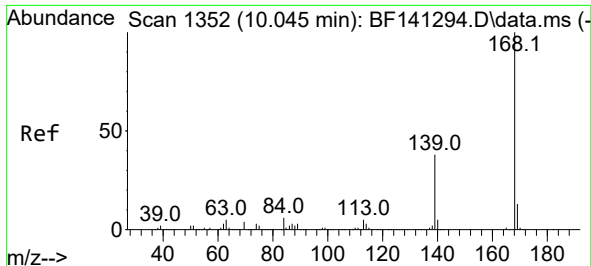
Tgt Ion:138 Resp: 47818
Ion Ratio Lower Upper
138 100
108 11.3 8.6 12.8
92 119.2 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 6.987 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

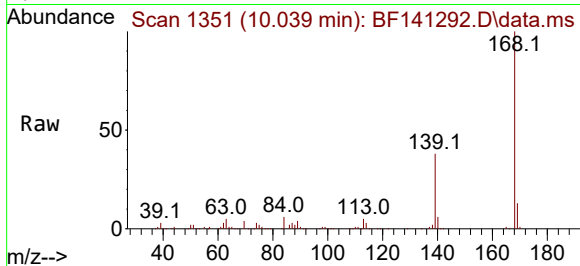
Tgt Ion:184 Resp: 14749
Ion Ratio Lower Upper
184 100
63 67.9 54.1 81.1
154 66.2 50.7 76.1



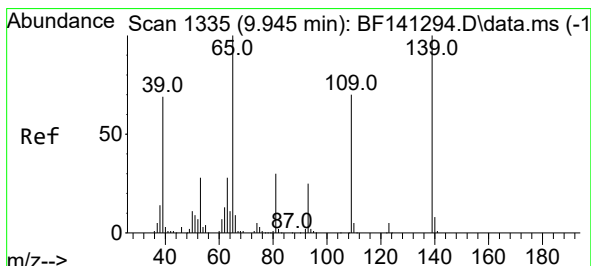
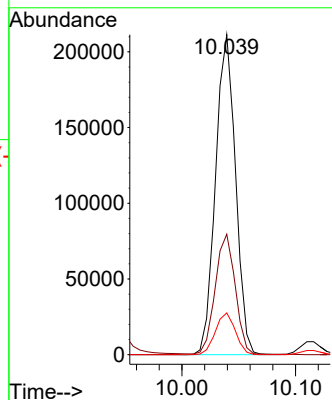
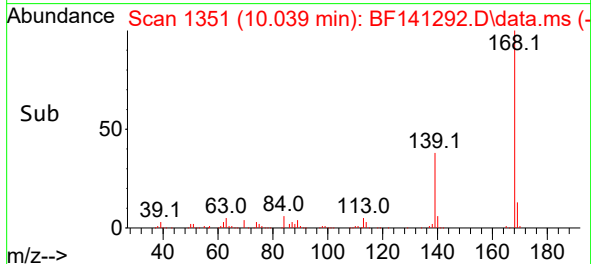


#55
Dibenzenofuran
Concen: 10.985 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

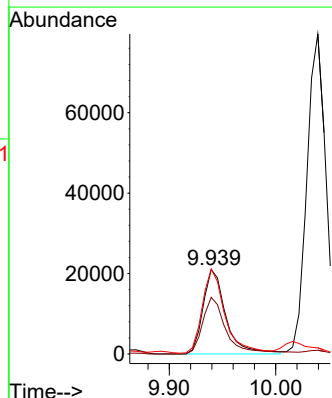
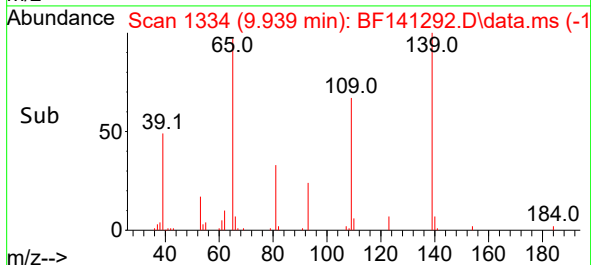
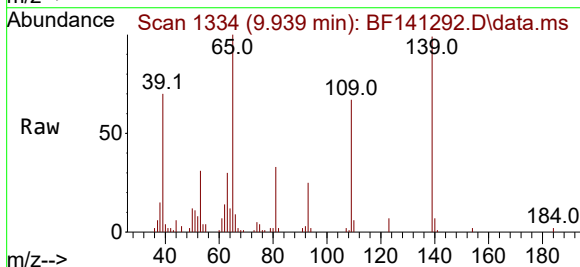


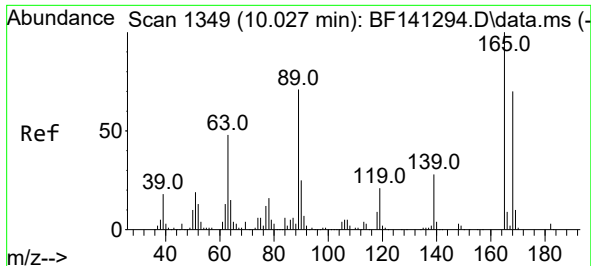
Tgt Ion:168 Resp: 258832
Ion Ratio Lower Upper
168 100
139 37.7 30.6 46.0
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 9.585 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:139 Resp: 31196
Ion Ratio Lower Upper
139 100
109 67.1 50.2 90.2
65 100.6 80.6 120.6

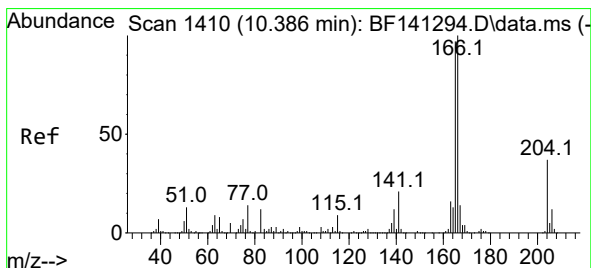
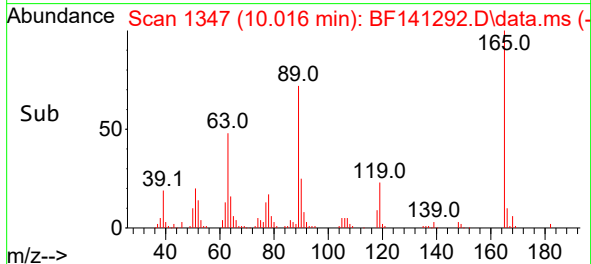
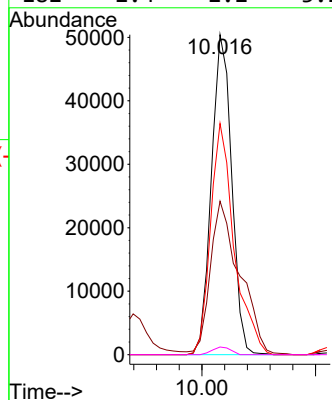
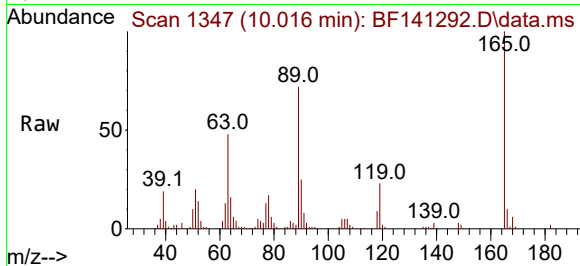




#57
2,4-Dinitrotoluene
Concen: 10.617 ng
RT: 10.016 min Scan# 1409
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

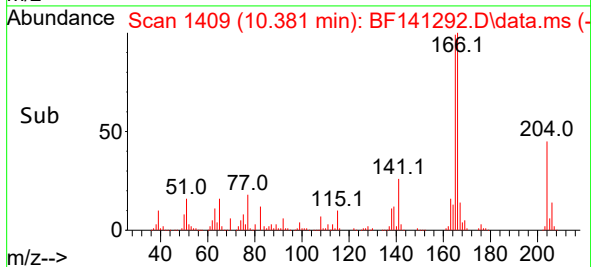
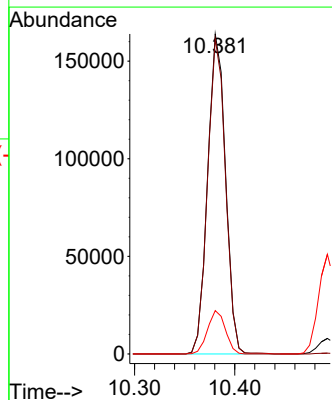
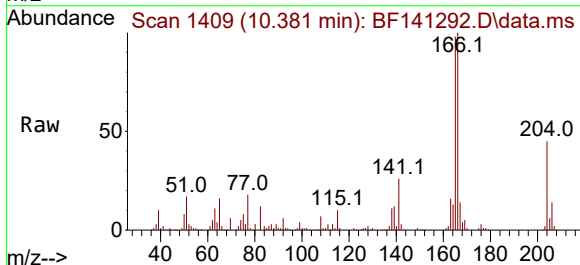
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

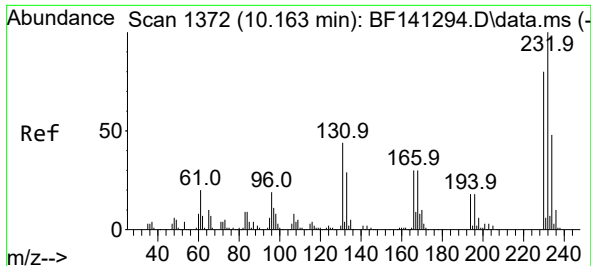
Tgt Ion	165	Resp:	62418
	Ratio	Lower	Upper
165	100		
63	48.0	39.2	58.8
89	72.2	56.9	85.3
182	2.4	2.2	3.2



#58
Fluorene
Concen: 11.170 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:166	Resp:	204141	
Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.5	116.3
167	13.6	10.9	16.3

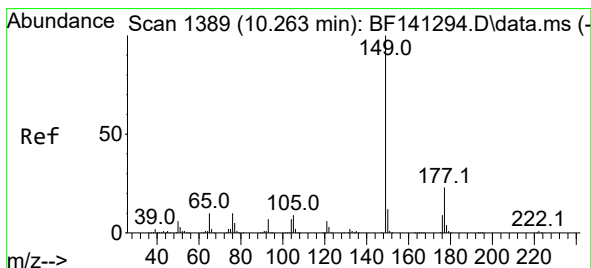
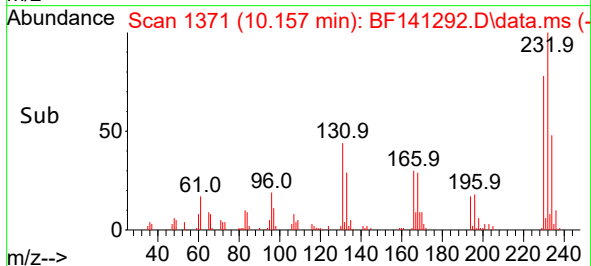
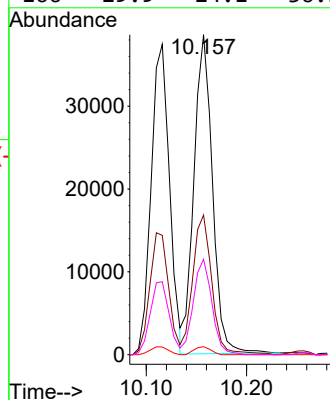
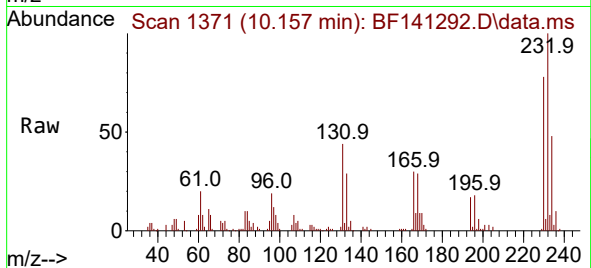




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.743 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

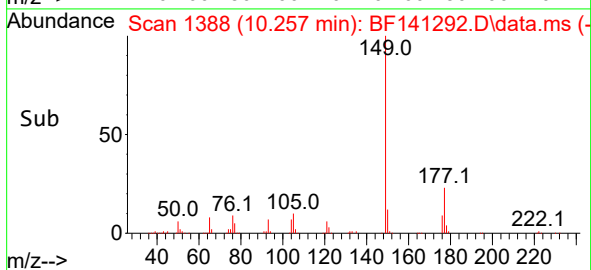
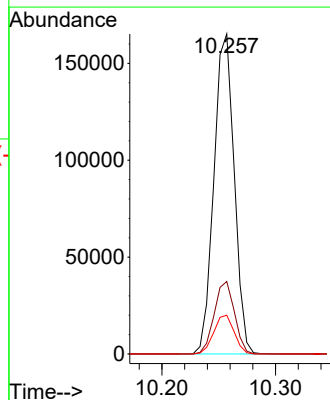
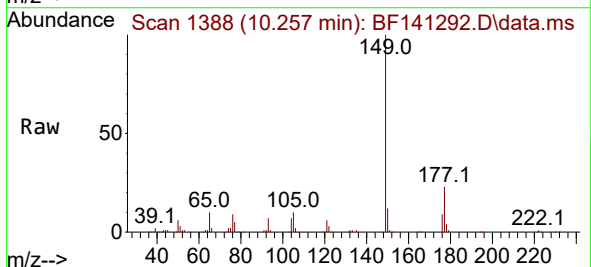
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

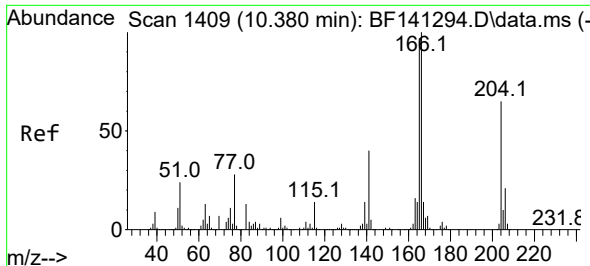
Tgt Ion:232 Resp: 49596
Ion Ratio Lower Upper
232 100
131 45.2 36.4 54.6
130 2.2 1.9 2.9
166 29.9 24.1 36.1



#60
Diethylphthalate
Concen: 10.818 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:149 Resp: 205131
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.1 10.0 15.0

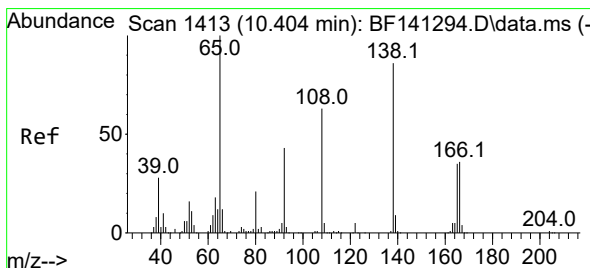
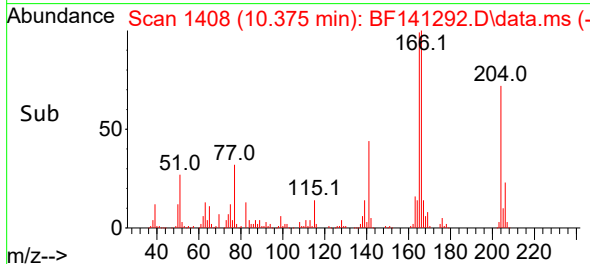
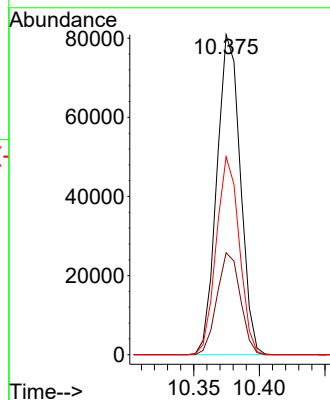
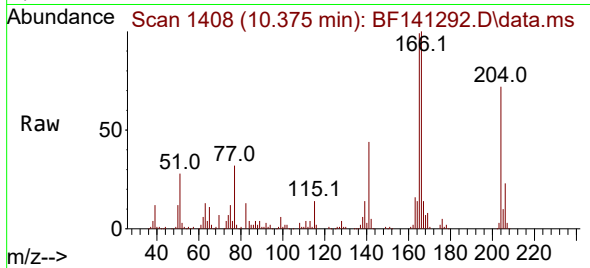




#61
4-Chlorophenyl-phenylether
Concen: 11.256 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

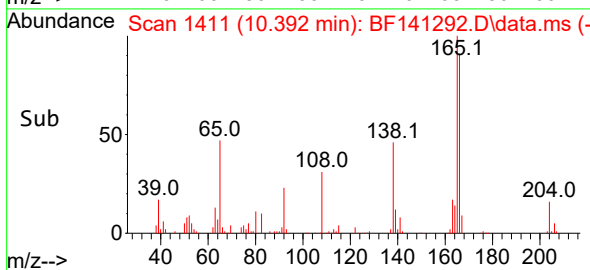
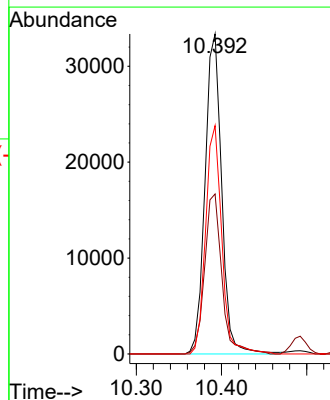
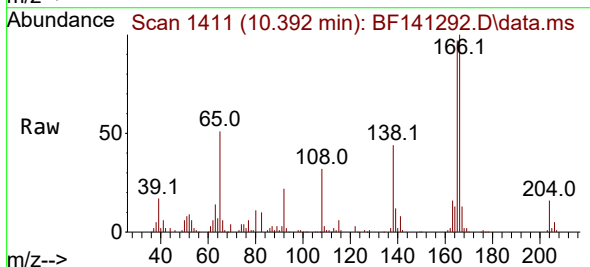
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

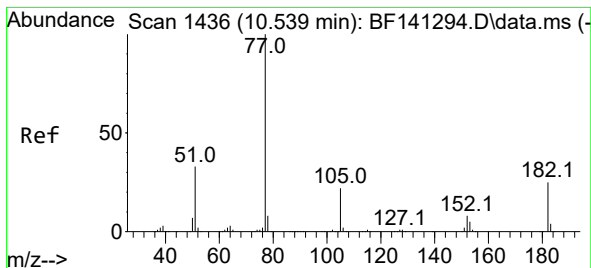
Tgt Ion:204 Resp: 100485
Ion Ratio Lower Upper
204 100
206 31.9 25.9 38.9
141 61.8 49.5 74.3



#62
4-Nitroaniline
Concen: 10.335 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:138 Resp: 45222
Ion Ratio Lower Upper
138 100
92 50.0 30.1 70.1
108 71.3 53.1 93.1





#63

Azobenzene

Concen: 10.763 ng

RT: 10.534 min Scan# 1435

Delta R.T. -0.012 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 204300

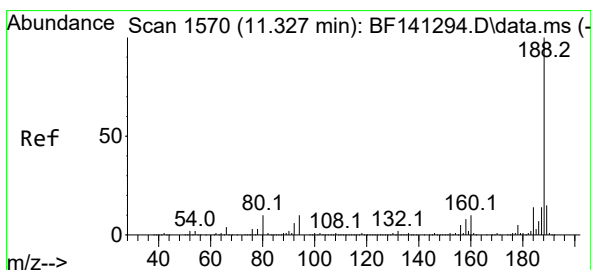
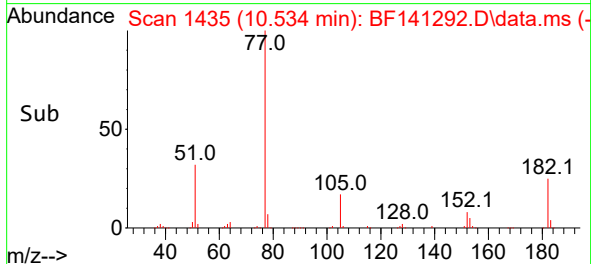
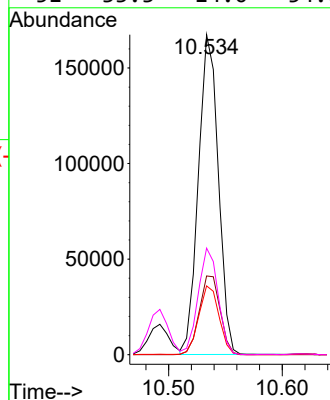
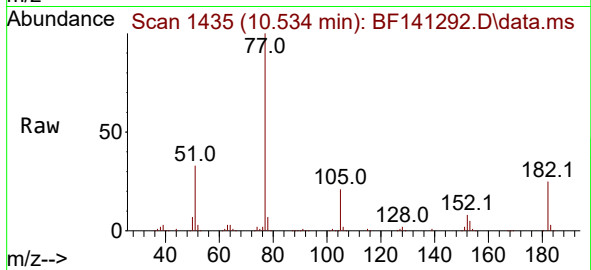
Ion Ratio Lower Upper

77 100

182 24.6 5.1 45.1

105 21.5 1.8 41.8

51 33.3 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

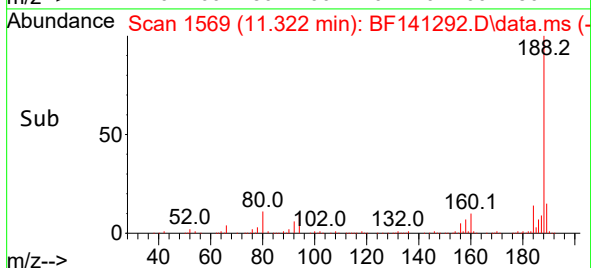
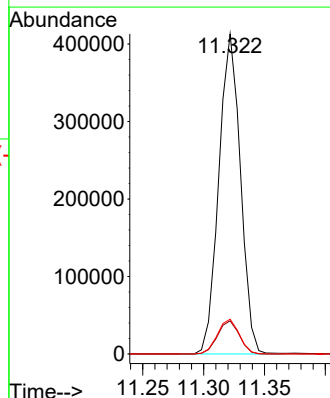
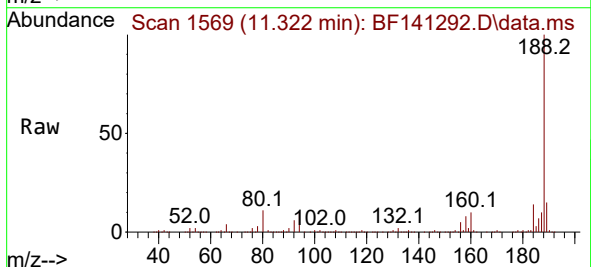
Tgt Ion: 188 Resp: 510795

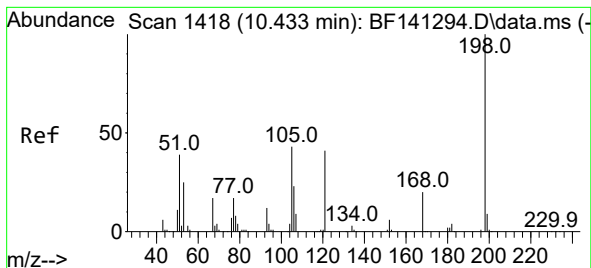
Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

80 10.9 8.2 12.4

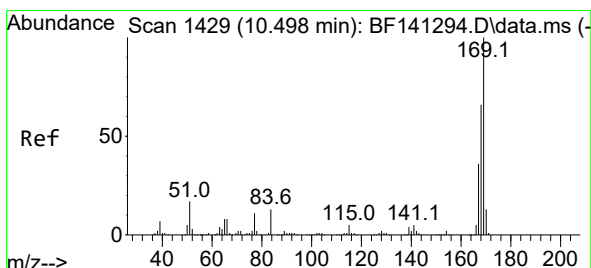
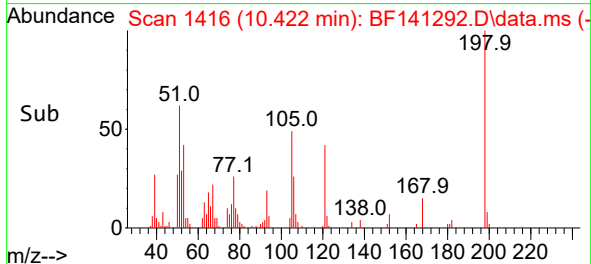
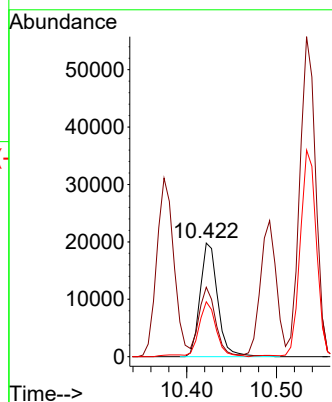
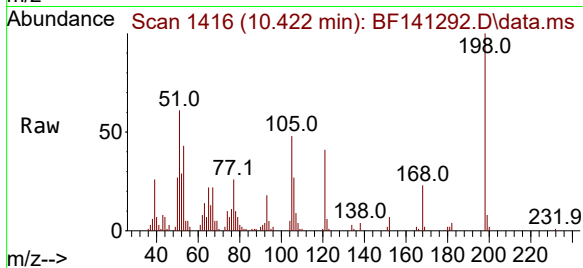




#65
4,6-Dinitro-2-methylphenol
Concen: 8.916 ng
RT: 10.422 min Scan# 1418
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

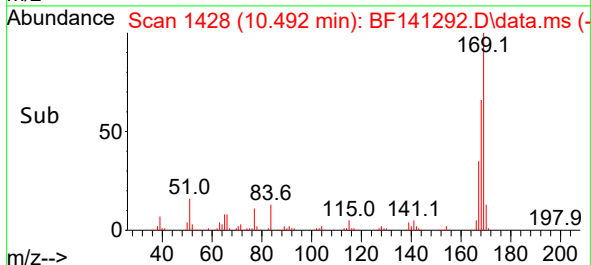
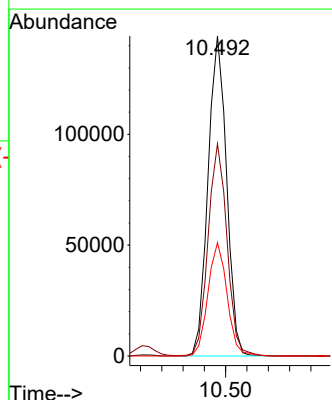
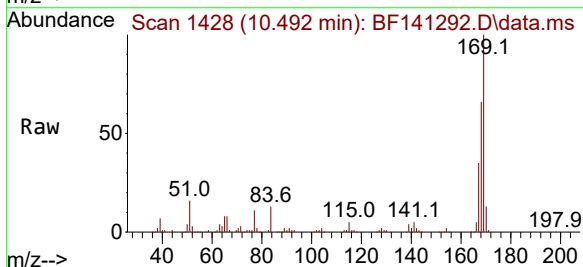
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

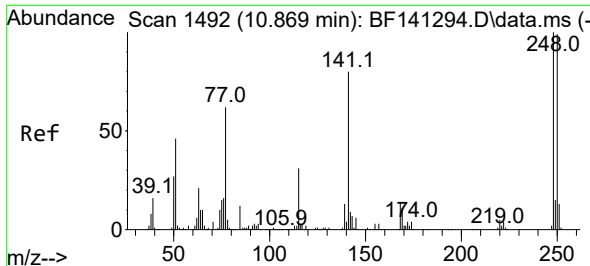
Tgt Ion:198 Resp: 26939
Ion Ratio Lower Upper
198 100
51 61.2 33.4 73.4
105 48.3 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 10.569 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:169 Resp: 174617
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.4
167 35.4 28.8 43.2

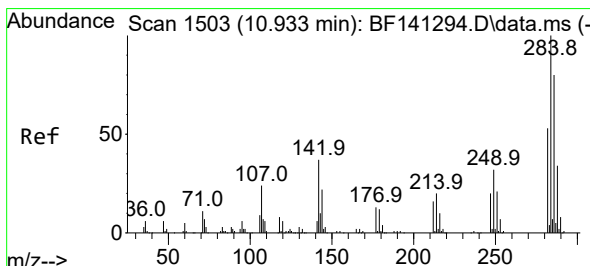
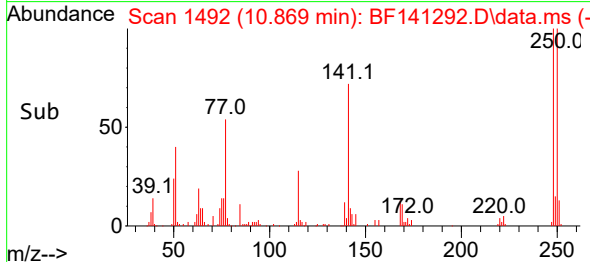
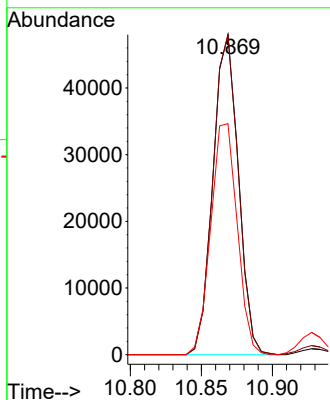
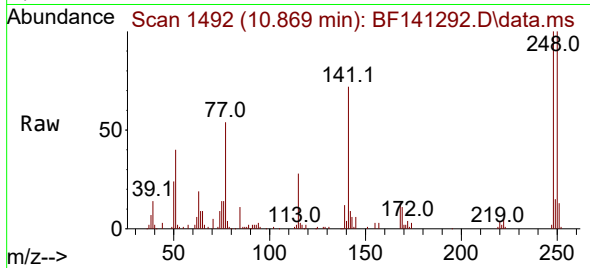




#67
4-Bromophenyl-phenylether
Concen: 10.452 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

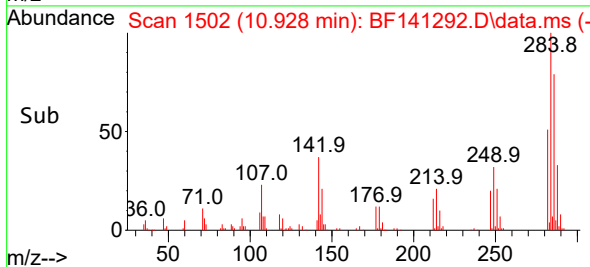
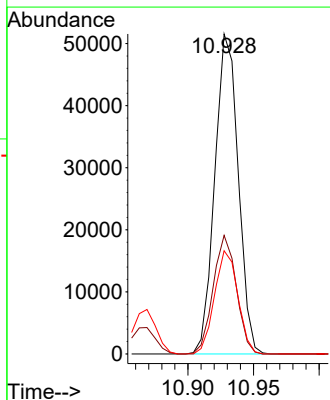
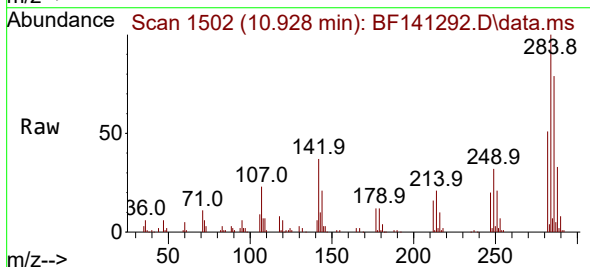
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

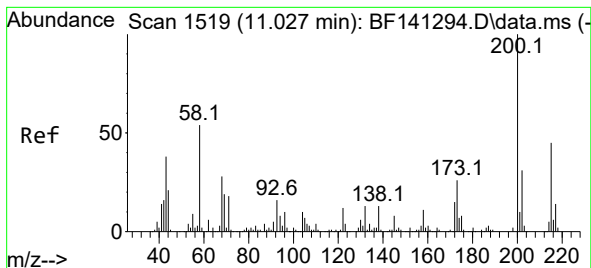
Tgt Ion:248 Resp: 59770
Ion Ratio Lower Upper
248 100
250 100.0 79.0 118.4
141 72.2 63.7 95.5



#68
Hexachlorobenzene
Concen: 10.536 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:284 Resp: 63908
Ion Ratio Lower Upper
284 100
142 37.0 29.5 44.3
249 32.2 25.4 38.2





#69

Atrazine

Concen: 9.347 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.018 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

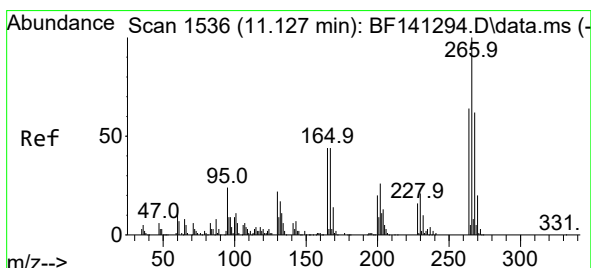
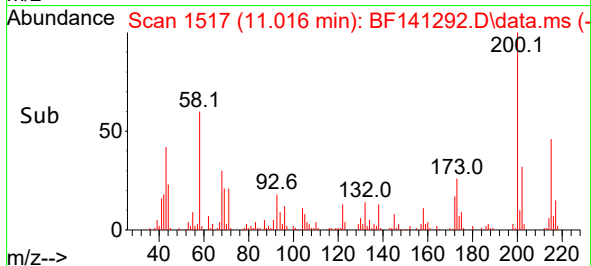
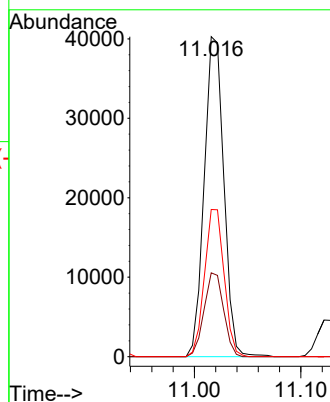
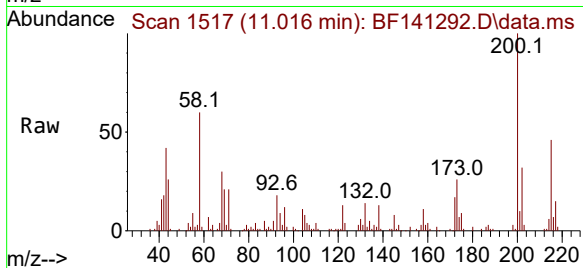
Tgt Ion:200 Resp: 51633

Ion Ratio Lower Upper

200 100

173 26.2 5.9 45.9

215 46.0 25.2 65.2



#70

Pentachlorophenol

Concen: 9.794 ng

RT: 11.128 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

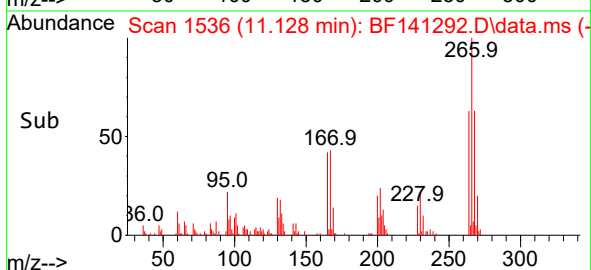
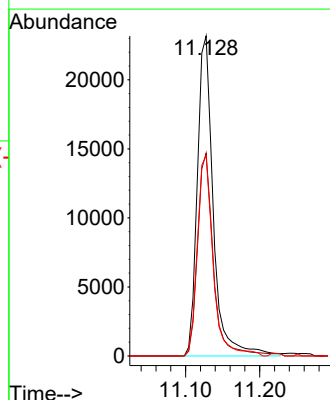
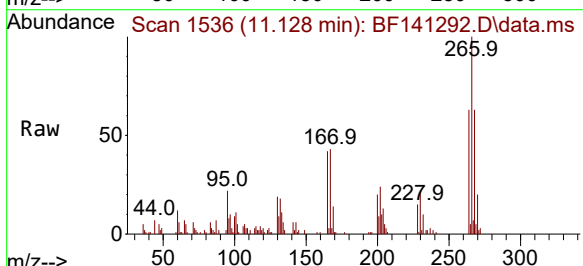
Tgt Ion:266 Resp: 34788

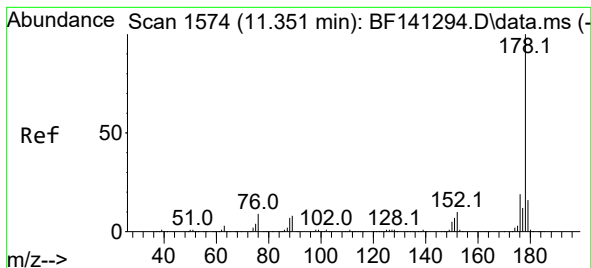
Ion Ratio Lower Upper

266 100

268 63.4 49.9 74.9

264 62.7 51.0 76.4





#71

Phenanthrene

Concen: 10.886 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

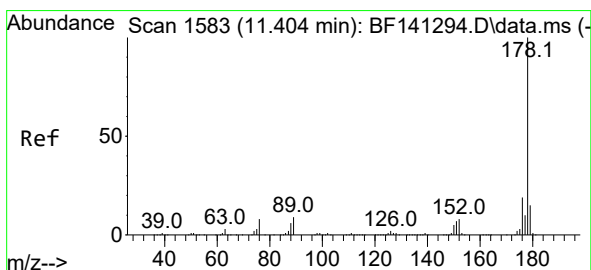
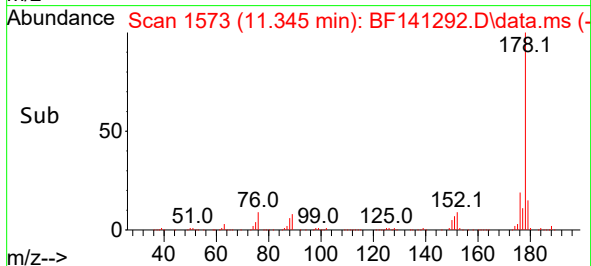
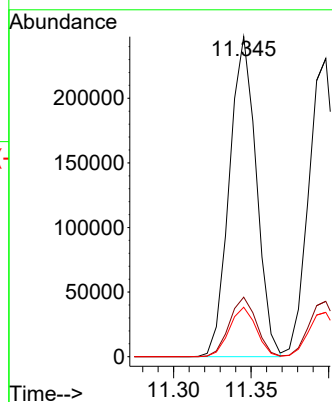
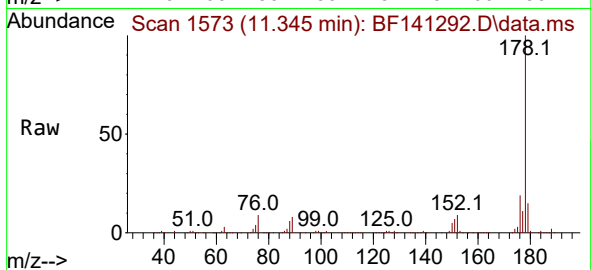
Tgt Ion:178 Resp: 298892

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 10.884 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

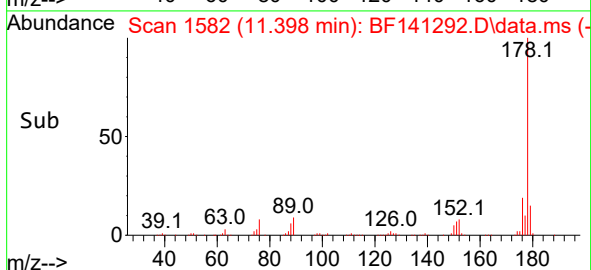
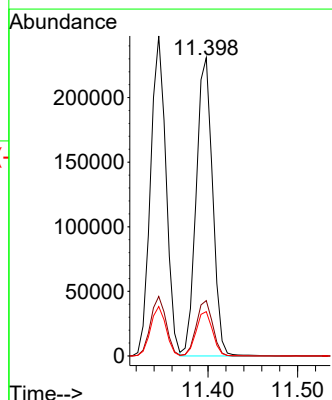
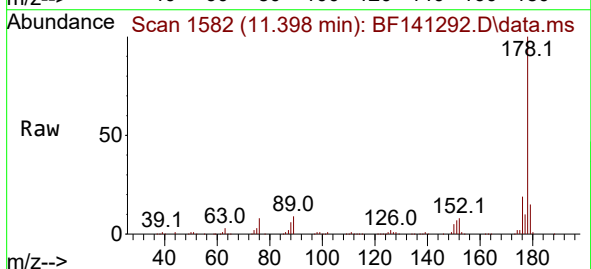
Tgt Ion:178 Resp: 292813

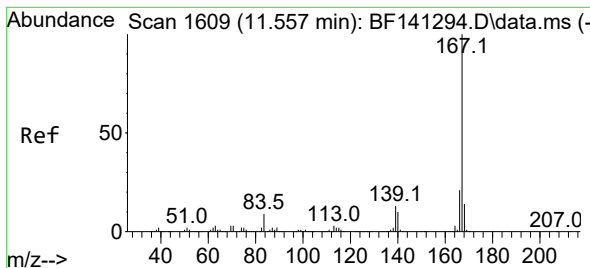
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 14.9 12.3 18.5





#73

Carbazole

Concen: 10.851 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

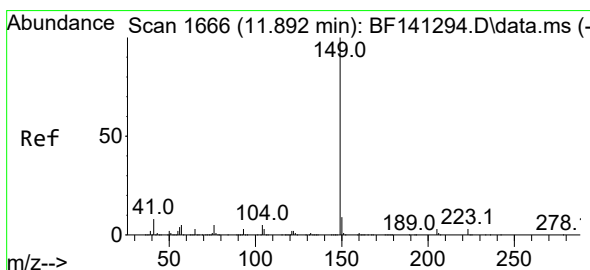
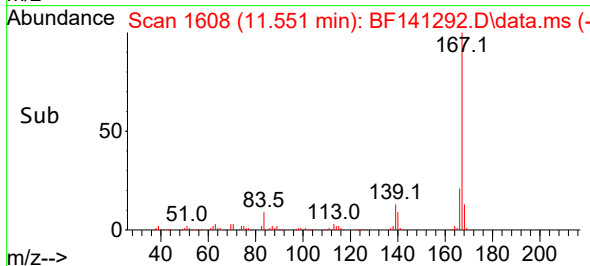
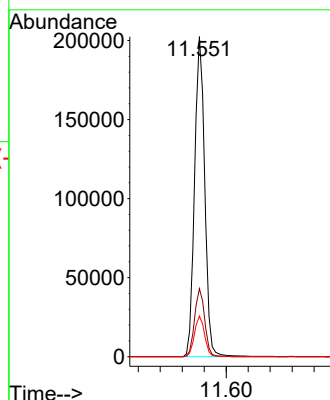
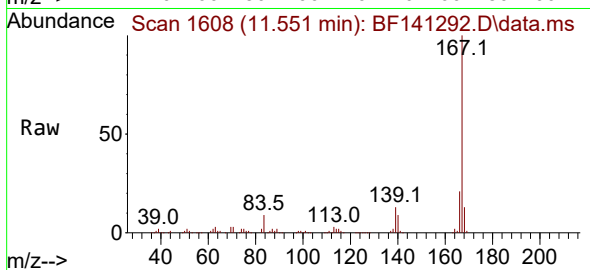
Tgt Ion:167 Resp: 258853

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

139 12.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 10.942 ng

RT: 11.886 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

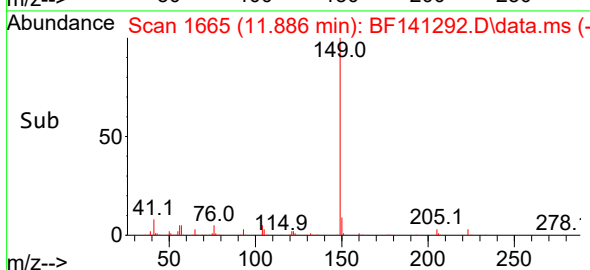
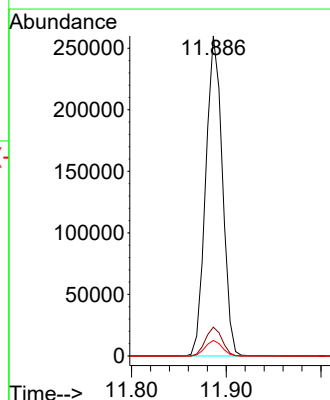
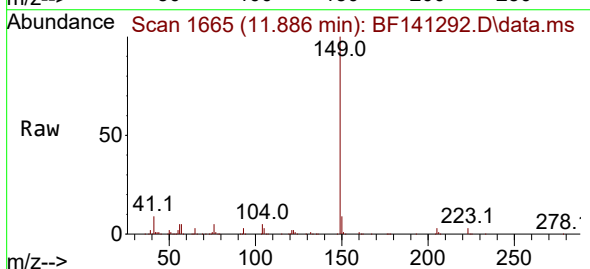
Tgt Ion:149 Resp: 316336

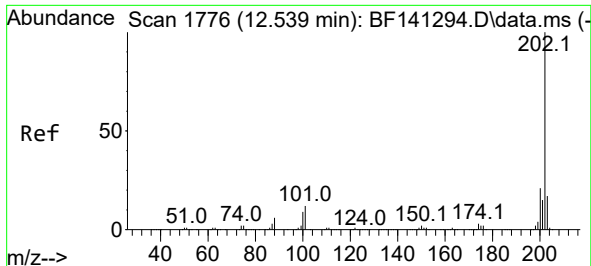
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 4.9 3.9 5.9

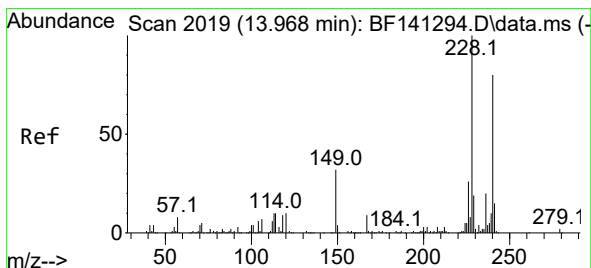
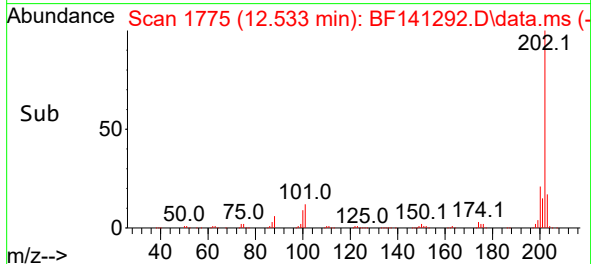
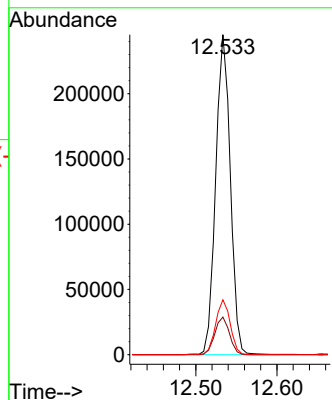
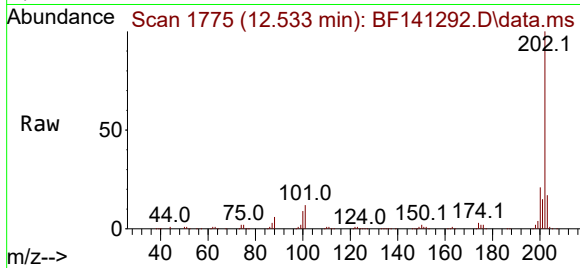




#75
Fluoranthene
Concen: 11.323 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

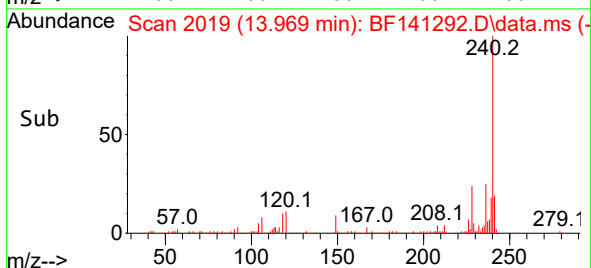
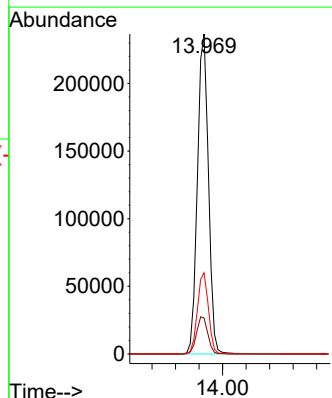
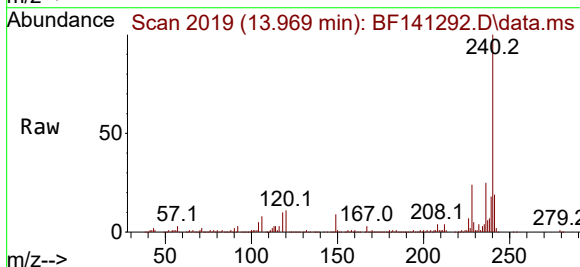
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

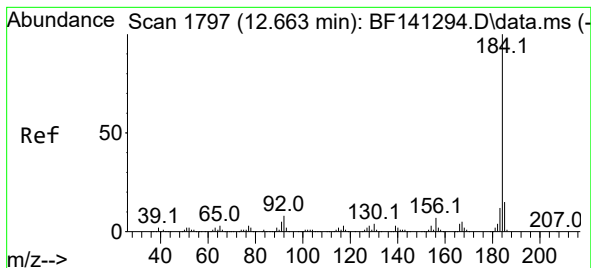
Tgt Ion:202 Resp: 306969
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.7
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:240 Resp: 308114
Ion Ratio Lower Upper
240 100
120 11.2 10.0 15.0
236 25.4 19.7 29.5





#77

Benzidine

Concen: 7.483 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

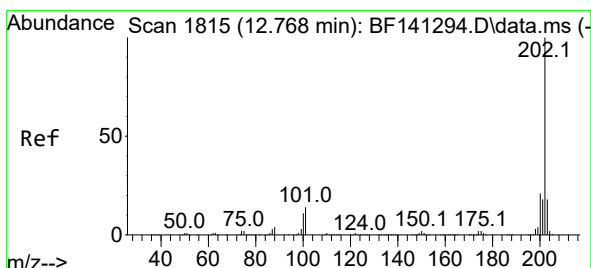
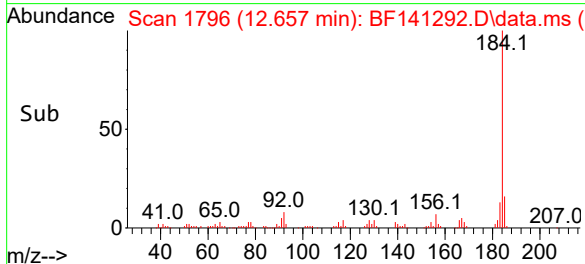
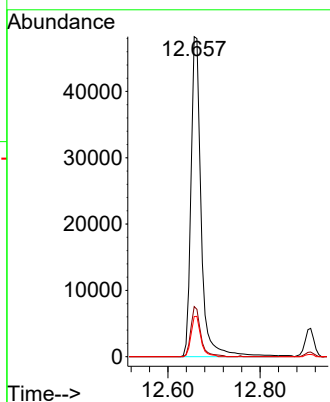
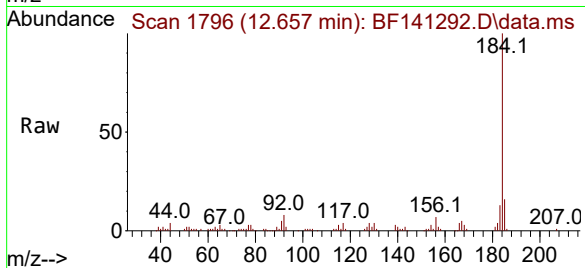
Tgt Ion:184 Resp: 73918

Ion Ratio Lower Upper

184 100

185 15.6 11.9 17.9

183 12.6 9.5 14.3



#78

Pyrene

Concen: 10.743 ng

RT: 12.763 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

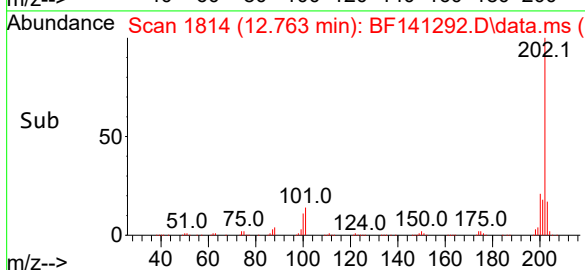
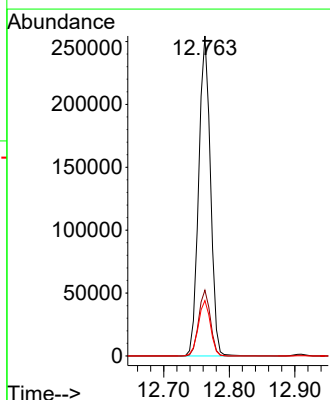
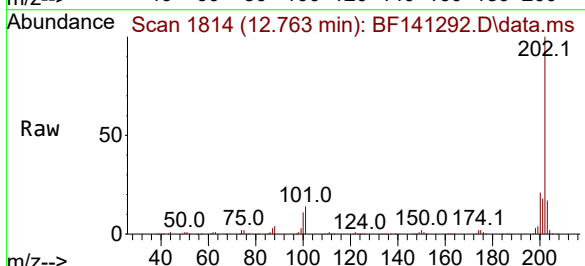
Tgt Ion:202 Resp: 317744

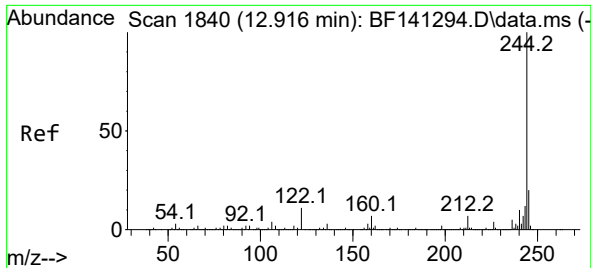
Ion Ratio Lower Upper

202 100

200 20.5 17.0 25.4

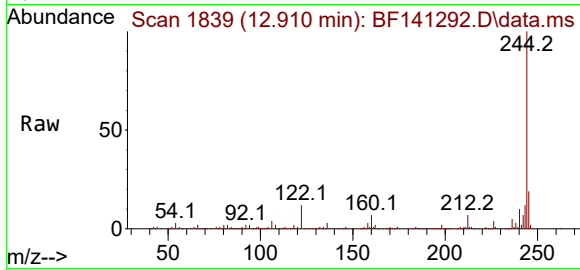
203 17.3 14.3 21.5



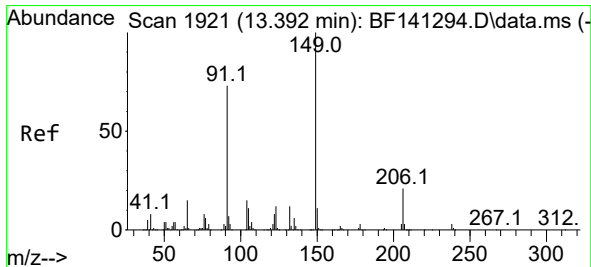
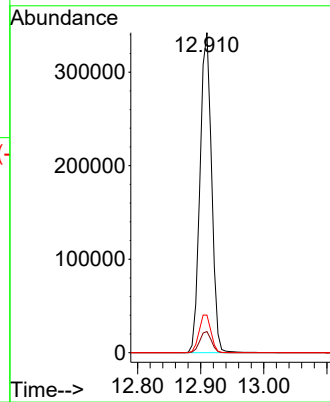
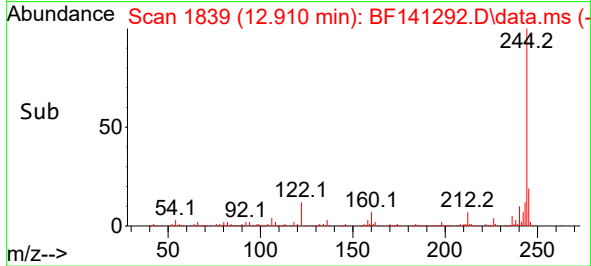


#79
Terphenyl-d14
Concen: 21.762 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

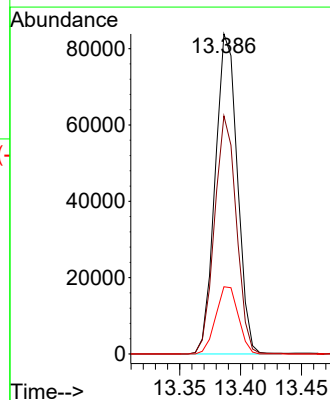
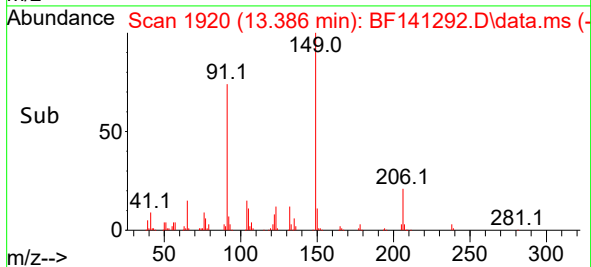
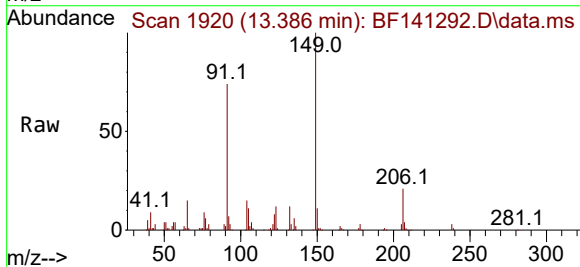


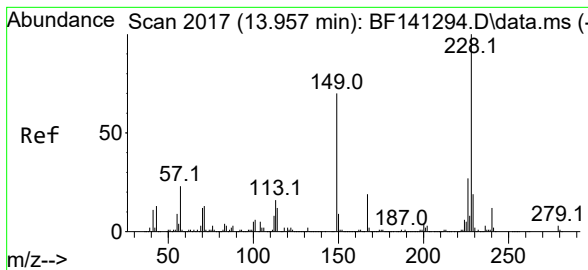
Tgt Ion:244 Resp: 434781
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.7 8.8 13.2



#80
Butylbenzylphthalate
Concen: 10.291 ng
RT: 13.386 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:149 Resp: 106335
Ion Ratio Lower Upper
149 100
91 74.4 58.6 87.8
206 21.0 16.7 25.1

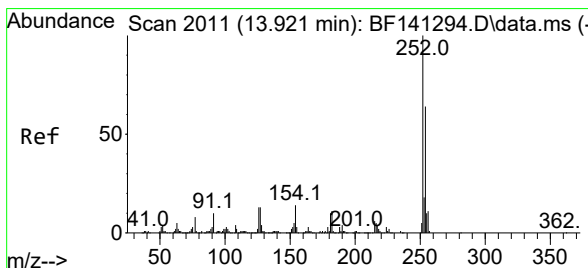
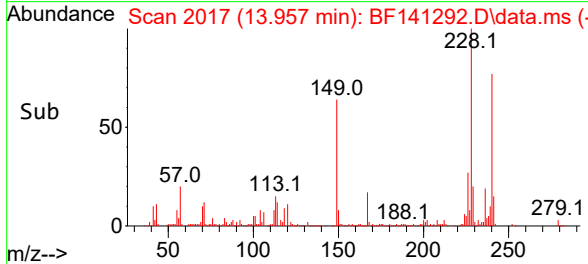
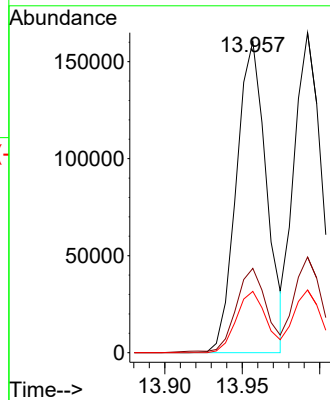
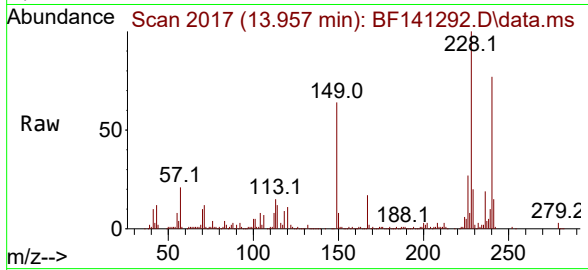




#81
Benzo(a)anthracene
Concen: 10.220 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

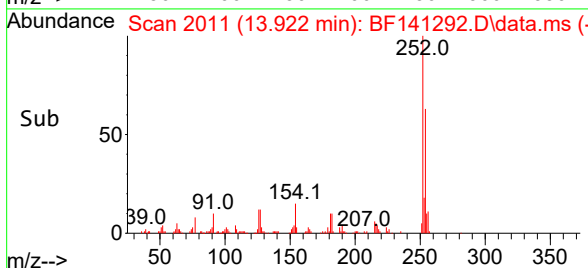
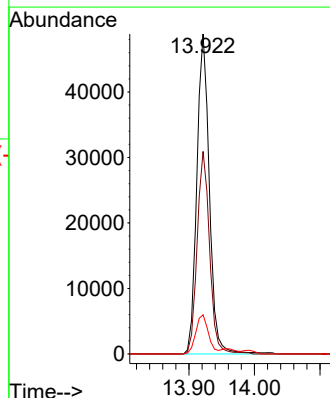
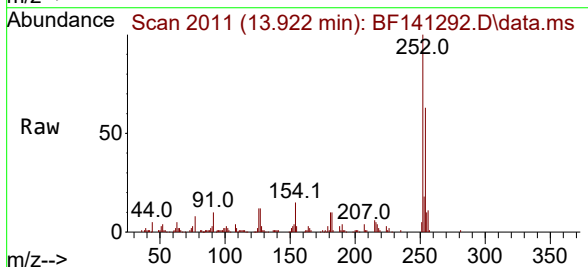
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

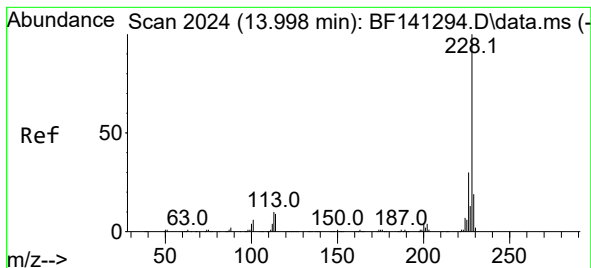
Tgt Ion:228 Resp: 217291
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 9.615 ng
RT: 13.922 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:252 Resp: 65021
Ion Ratio Lower Upper
252 100
254 63.3 51.3 76.9
126 12.2 10.0 15.0





#83

Chrysene

Concen: 10.473 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

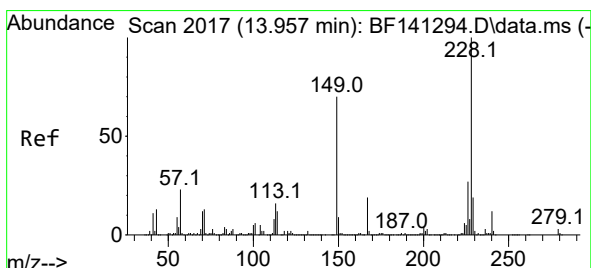
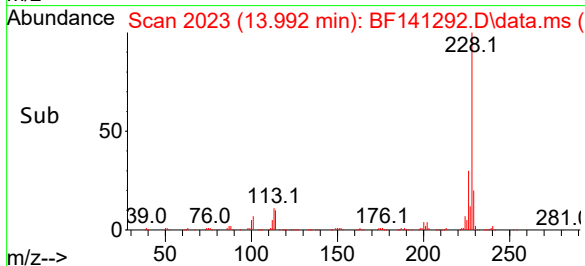
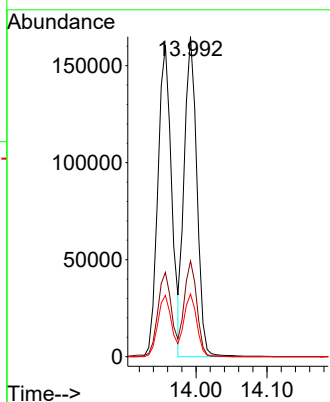
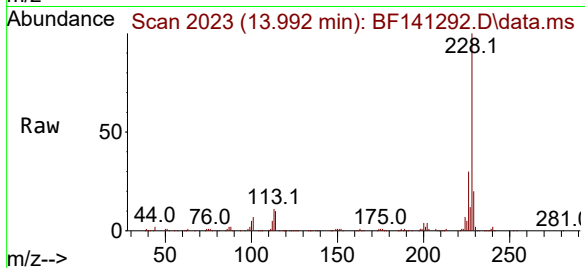
Tgt Ion:228 Resp: 204080

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.612 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

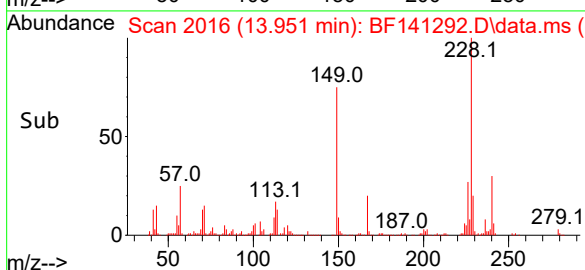
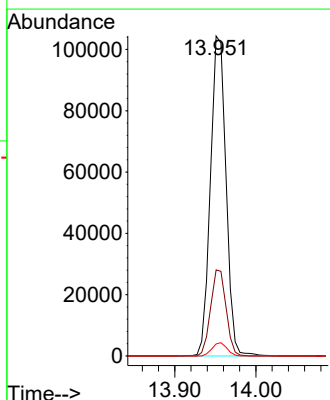
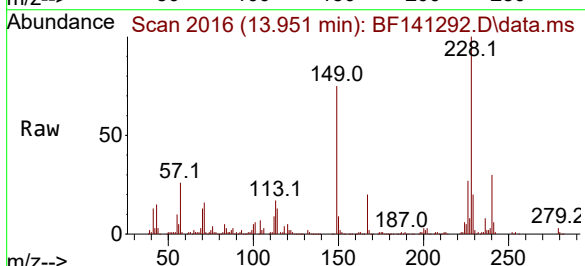
Tgt Ion:149 Resp: 139099

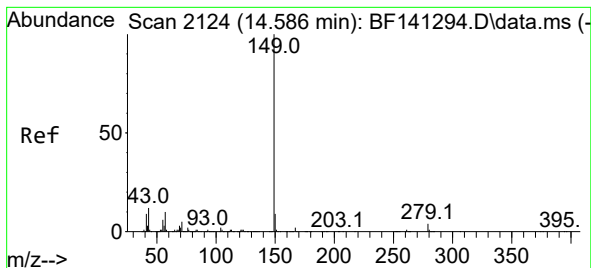
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 9.585 ng

RT: 14.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

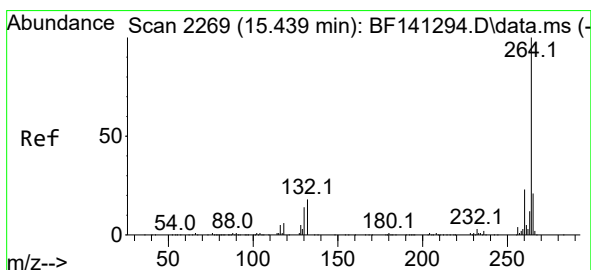
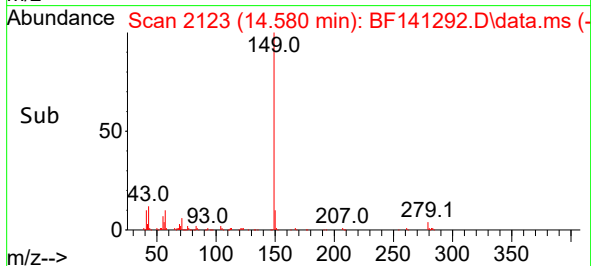
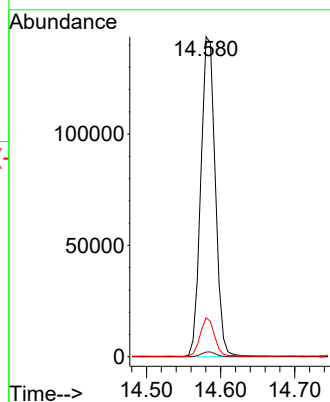
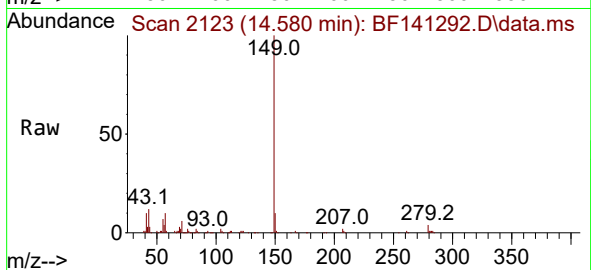
Tgt Ion:149 Resp: 195129

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.8 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

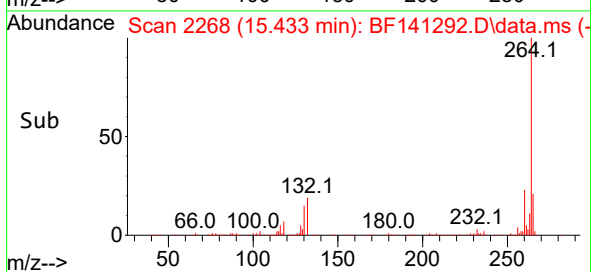
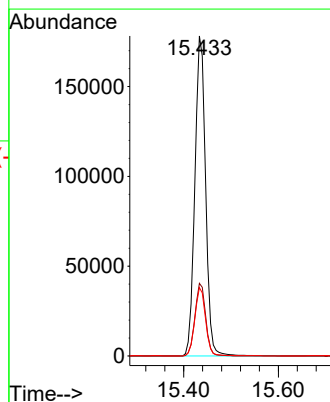
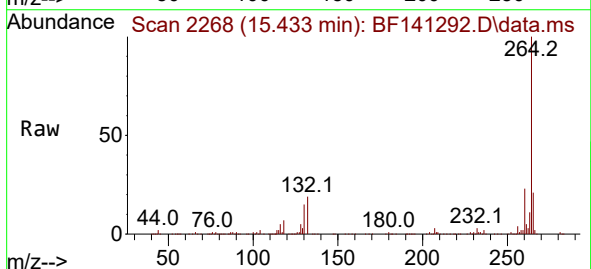
Tgt Ion:264 Resp: 280028

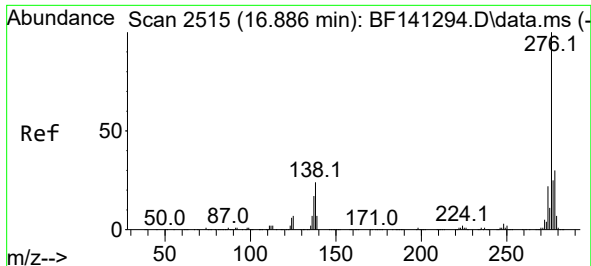
Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 21.3 16.7 25.1

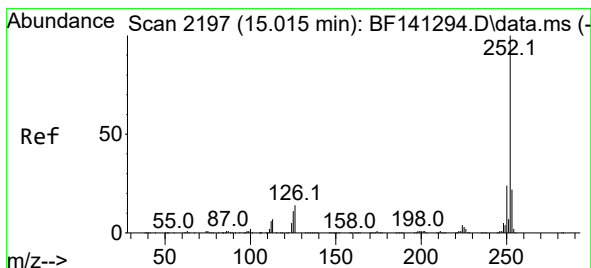
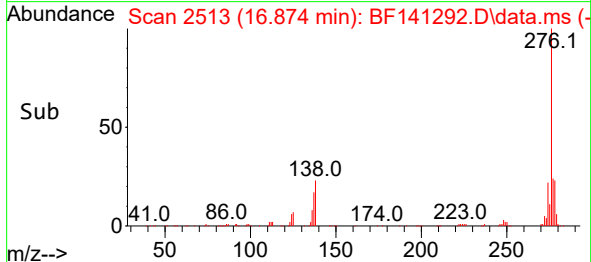
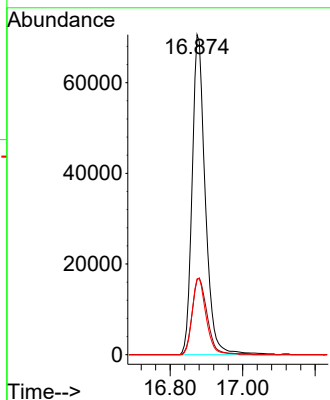
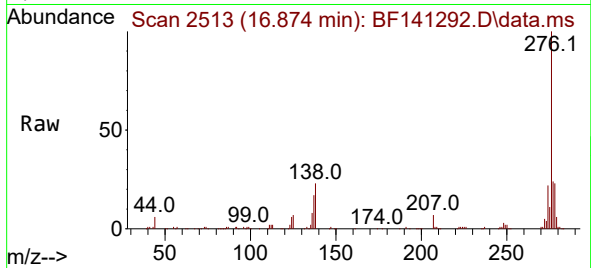




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.824 ng
RT: 16.874 min Scan# 2113
Delta R.T. -0.024 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

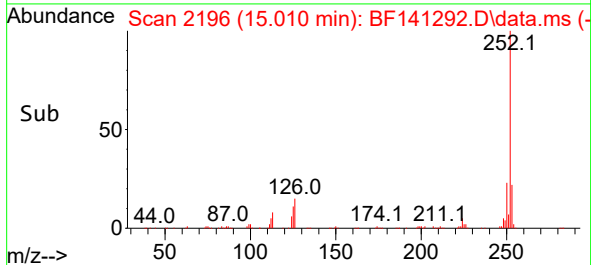
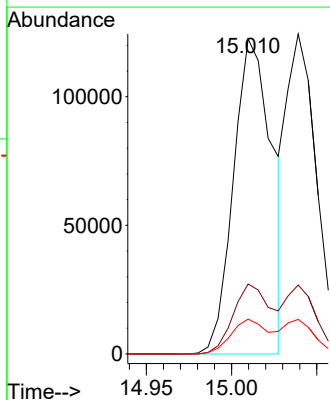
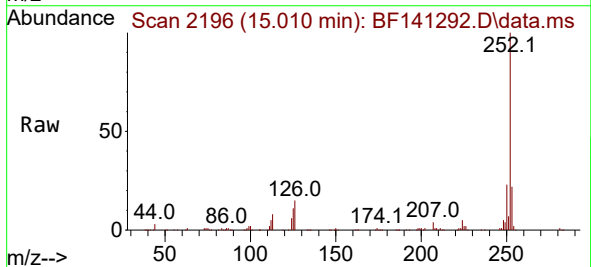
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

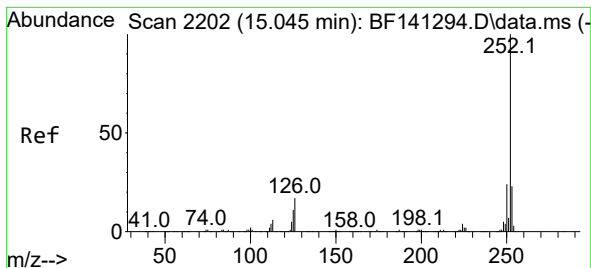
Tgt Ion:276 Resp: 177554
Ion Ratio Lower Upper
276 100
138 27.1 21.7 32.5
277 25.1 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 10.989 ng
RT: 15.010 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:252 Resp: 193558
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 11.1 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 9.992 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

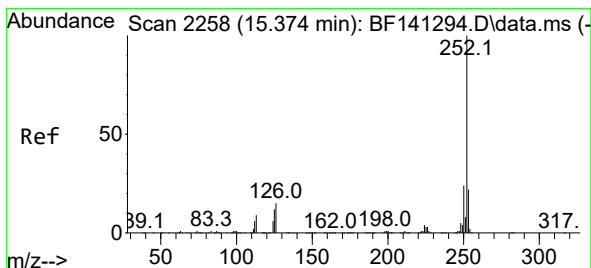
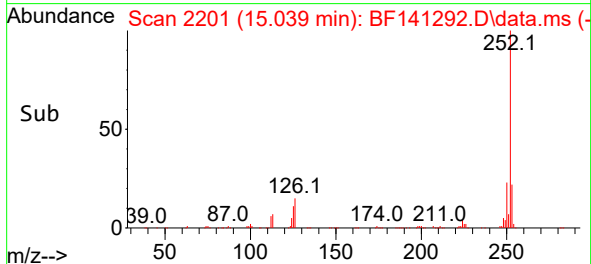
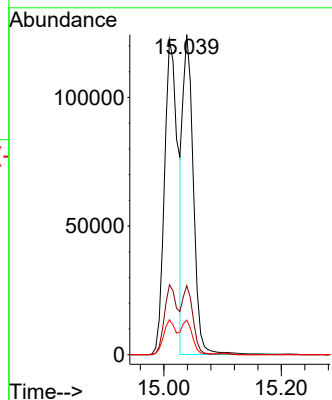
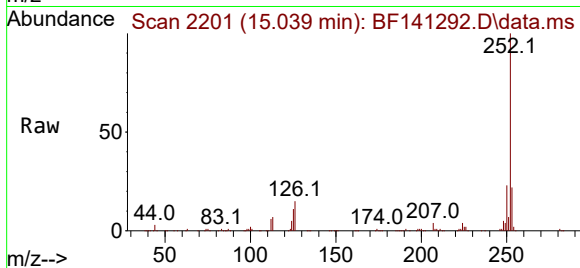
Tgt Ion:252 Resp: 155925

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 10.8 8.4 12.6



#90

Benzo(a)pyrene

Concen: 9.957 ng

RT: 15.374 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

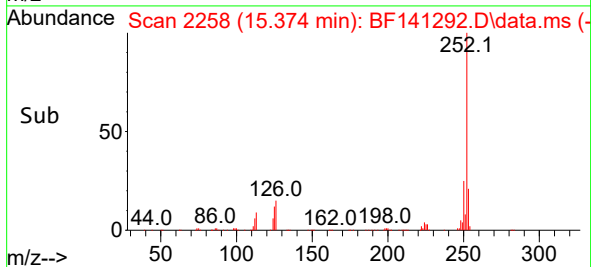
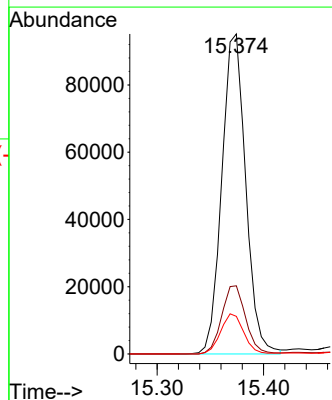
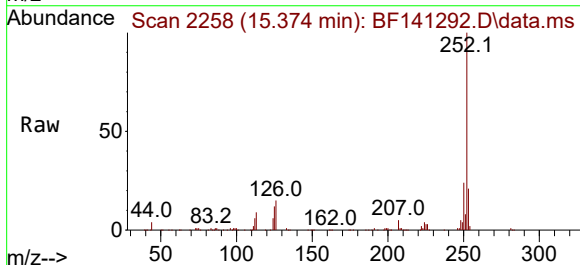
Tgt Ion:252 Resp: 148214

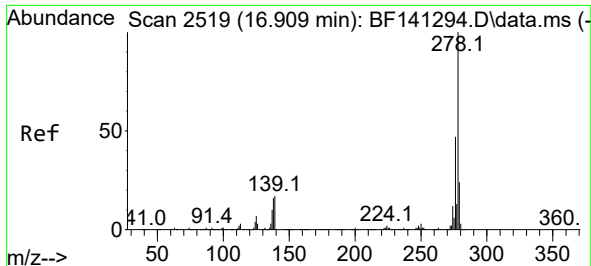
Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 11.7 9.4 14.2

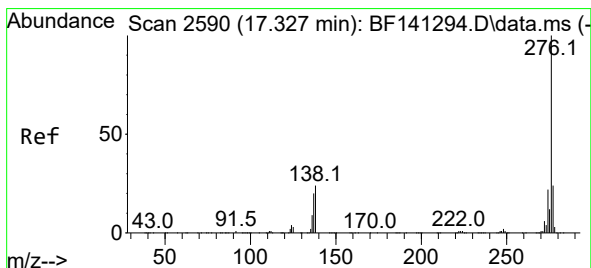
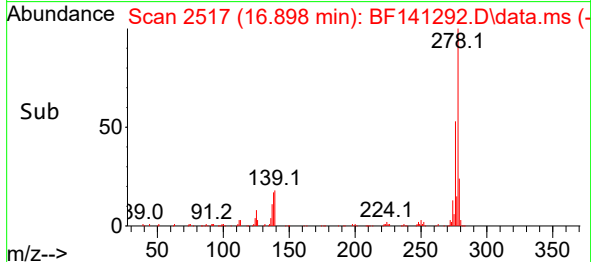
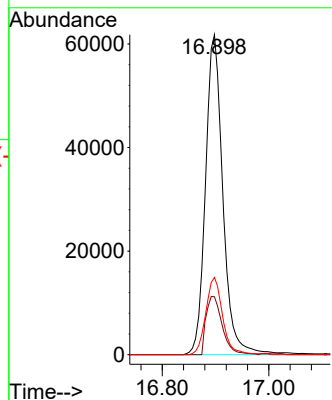
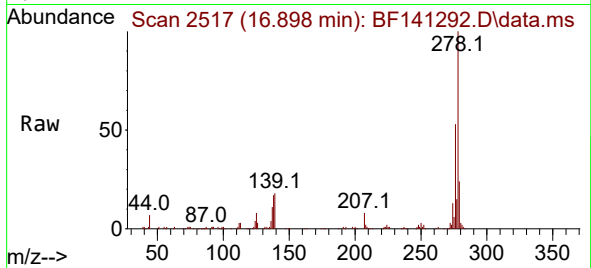




#91
Dibenzo(a,h)anthracene
Concen: 9.638 ng
RT: 16.898 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

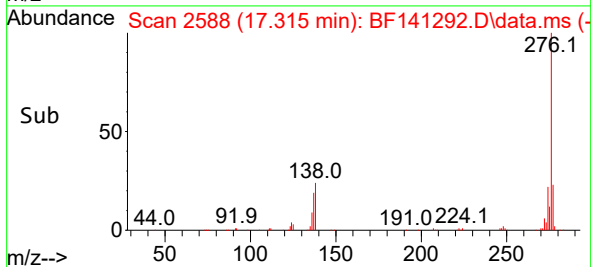
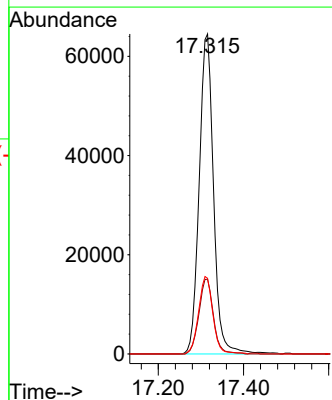
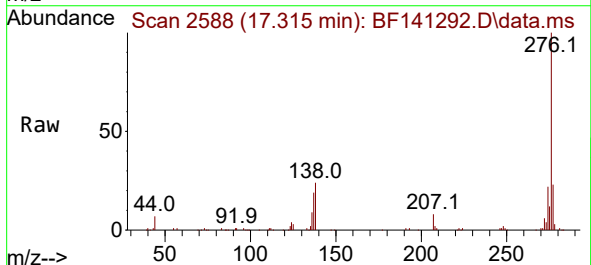
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 140143
Ion Ratio Lower Upper
278 100
139 18.1 13.9 20.9
279 24.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 9.951 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.029 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:276 Resp: 150453
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 23.6 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141293.D
 Acq On : 29 Jan 2025 15:17
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Jan 30 04:13:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	136491	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	532862	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	293084	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	511320	20.000	ng	0.00
76) Chrysene-d12	13.974	240	314234	20.000	ng	0.00
86) Perylene-d12	15.457	264	289582	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	382610	43.035	ng	-0.01
7) Phenol-d6	6.422	99	475876	42.075	ng	-0.02
23) Nitrobenzene-d5	7.357	82	432160	42.754	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	116167	43.234	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	819371	43.031	ng	0.00
79) Terphenyl-d14	12.916	244	860956	42.254	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	81467	20.835	ng	98
3) Pyridine	3.210	79	197852	21.001	ng	99
4) n-Nitrosodimethylamine	3.152	42	112450	20.894	ng	98
6) Aniline	6.457	93	210459	21.983	ng	99
8) 2-Chlorophenol	6.581	128	203008	21.304	ng	96
9) Benzaldehyde	6.345	77	150675	22.999	ng	100
10) Phenol	6.434	94	257179	21.451	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	194572	21.166	ng	98
12) 1,3-Dichlorobenzene	6.739	146	224880	21.403	ng	99
13) 1,4-Dichlorobenzene	6.816	146	226376	21.447	ng	99
14) 1,2-Dichlorobenzene	6.969	146	213616	21.612	ng	99
15) Benzyl Alcohol	6.934	79	166008	21.478	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	340590	21.306	ng	100
17) 2-Methylphenol	7.045	107	165188	21.329	ng	99
18) Hexachloroethane	7.310	117	83193	21.365	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	140874	20.962	ng	99
20) 3+4-Methylphenols	7.198	107	205070	21.565	ng	96
22) Acetophenone	7.204	105	275680	21.765	ng	100
24) Nitrobenzene	7.381	77	224061	21.390	ng	98
25) Isophorone	7.616	82	369998	21.176	ng	99
26) 2-Nitrophenol	7.698	139	106287	21.515	ng	98
27) 2,4-Dimethylphenol	7.734	122	126282	20.083	ng	100
28) bis(2-Chloroethoxy)met...	7.828	93	237369	21.298	ng	98
29) 2,4-Dichlorophenol	7.934	162	166153	21.584	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	188468	21.438	ng	99
31) Naphthalene	8.104	128	607622	21.585	ng	100
32) Benzoic acid	7.816	122	126734	21.925	ng	99
33) 4-Chloroaniline	8.151	127	208531	21.846	ng	99
34) Hexachlorobutadiene	8.222	225	111274	21.583	ng	97
35) Caprolactam	8.498	113	54280	21.591	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	177981	21.555	ng	99
37) 2-Methylnaphthalene	8.792	142	386035	21.576	ng	100
38) 1-Methylnaphthalene	8.892	142	378878	21.558	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	176736	21.197	ng	99
41) Hexachlorocyclopentadiene	8.945	237	51112	20.757	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	114390	20.960	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141293.D
 Acq On : 29 Jan 2025 15:17
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Jan 30 04:13:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

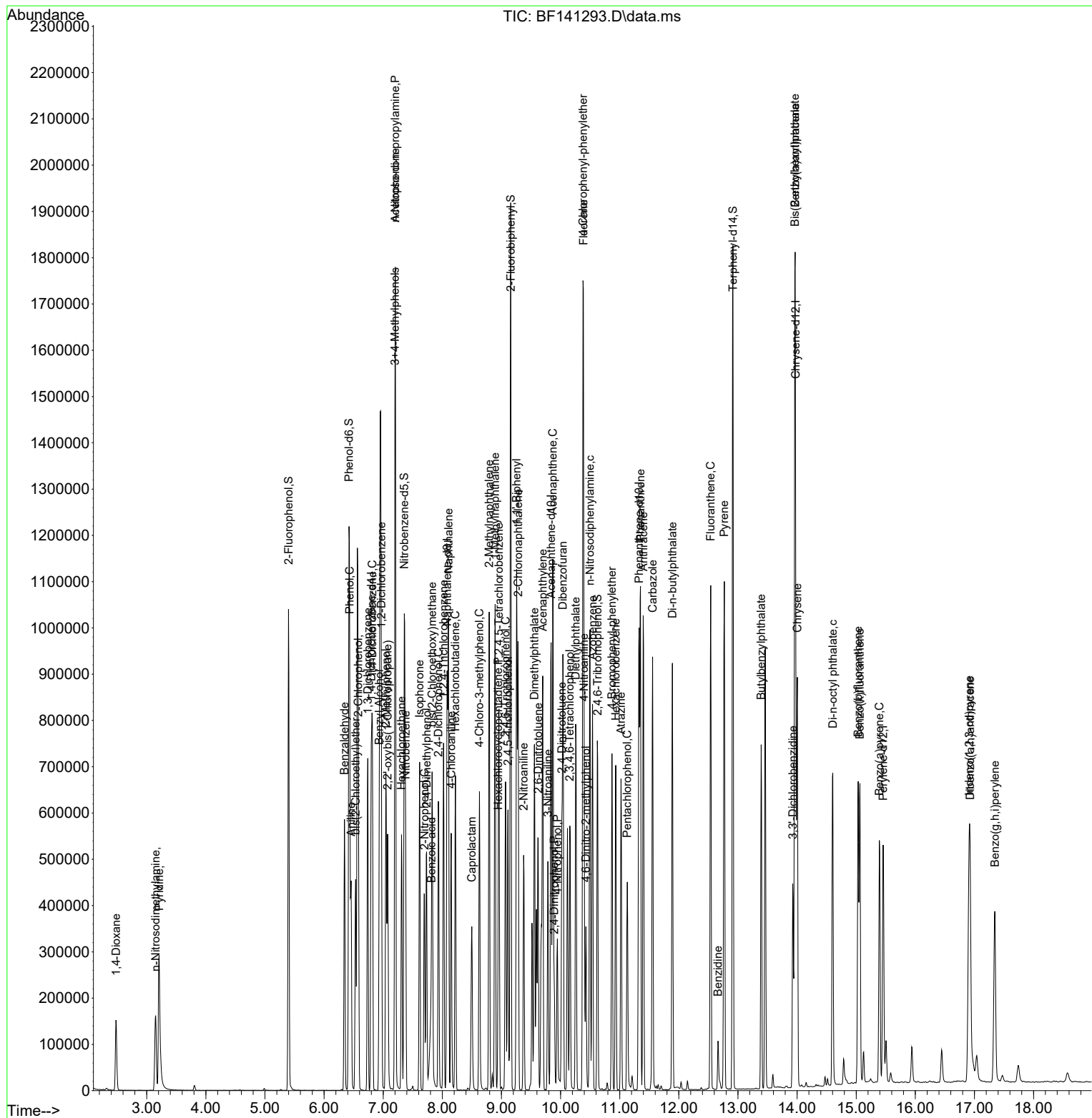
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	125725	21.166	ng	98
46) 1,1'-Biphenyl	9.257	154	483479	21.152	ng	100
47) 2-Chloronaphthalene	9.281	162	377946	21.214	ng	99
48) 2-Nitroaniline	9.375	65	119359	21.300	ng	98
49) Acenaphthylene	9.698	152	531957	21.330	ng	99
50) Dimethylphthalate	9.557	163	423377	21.388	ng	100
51) 2,6-Dinitrotoluene	9.622	165	97622	21.240	ng	96
52) Acenaphthene	9.869	154	378511	21.245	ng	99
53) 3-Nitroaniline	9.786	138	100085	22.218	ng	98
54) 2,4-Dinitrophenol	9.892	184	40003	18.723	ng	# 86
55) Dibenzofuran	10.039	168	514223	21.562	ng	100
56) 4-Nitrophenol	9.945	139	73425	22.287	ng	97
57) 2,4-Dinitrotoluene	10.022	165	129942	21.836	ng	98
58) Fluorene	10.386	166	396520	21.435	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	99841	21.366	ng	99
60) Diethylphthalate	10.257	149	413889	21.564	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	193134	21.374	ng	99
62) 4-Nitroaniline	10.398	138	96692	21.833	ng	98
63) Azobenzene	10.539	77	407492	21.210	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	62572	20.689	ng	97
66) n-Nitrosodiphenylamine	10.498	169	344387	20.824	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	119844	20.936	ng	98
68) Hexachlorobenzene	10.933	284	126823	20.886	ng	99
69) Atrazine	11.022	200	109133	19.737	ng	99
70) Pentachlorophenol	11.127	266	74508	20.954	ng	98
71) Phenanthrene	11.351	178	584027	21.249	ng	100
72) Anthracene	11.398	178	572743	21.267	ng	100
73) Carbazole	11.557	167	522100	21.863	ng	99
74) Di-n-butylphthalate	11.892	149	636521	21.994	ng	100
75) Fluoranthene	12.539	202	611492	22.532	ng	100
77) Benzidine	12.663	184	65963	6.548	ng	99
78) Pyrene	12.769	202	629228	20.861	ng	99
80) Butylbenzylphthalate	13.392	149	232095	22.025	ng	99
81) Benzo(a)anthracene	13.968	228	456535	21.054	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	134298	19.473	ng	99
83) Chrysene	14.004	228	421849	21.228	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	300546	22.483	ng	99
85) Di-n-octyl phthalate	14.604	149	451748	21.758	ng	100
87) Indeno(1,2,3-cd)pyrene	16.909	276	387089	20.711	ng	99
88) Benzo(b)fluoranthene	15.033	252	384557	21.112	ng	99
89) Benzo(k)fluoranthene	15.062	252	368801	22.855	ng	99
90) Benzo(a)pyrene	15.392	252	327630	21.284	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	318776	21.199	ng	100
92) Benzo(g,h,i)perylene	17.345	276	329876	21.098	ng	100

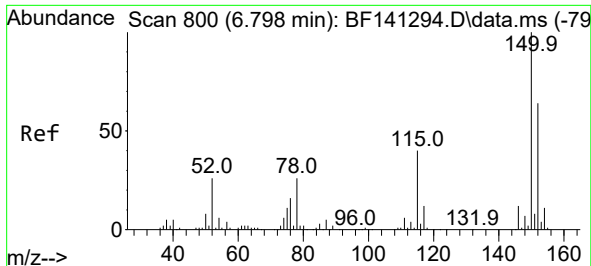
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141293.D
 Acq On : 29 Jan 2025 15:17
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Jan 30 04:13:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

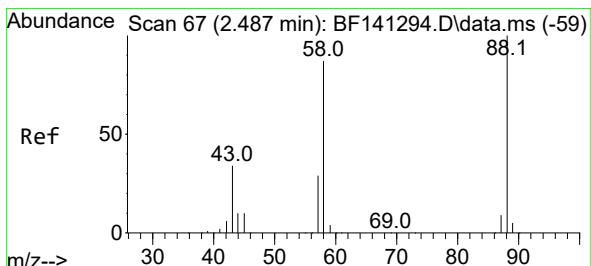
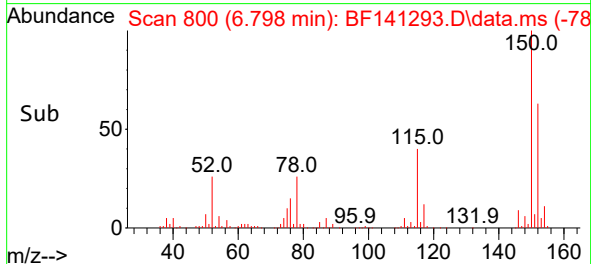
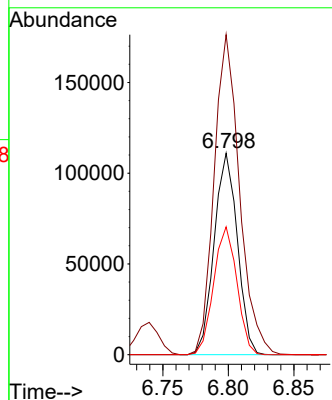
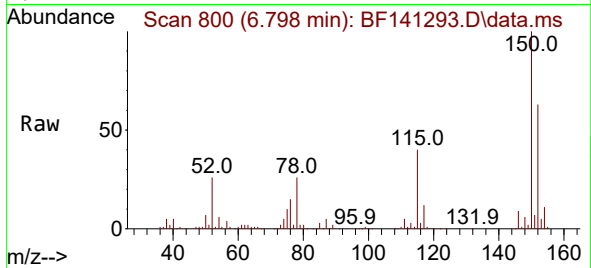




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141293.D
 Acq: 29 Jan 2025 15:17

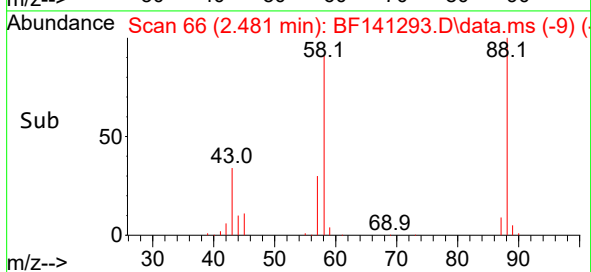
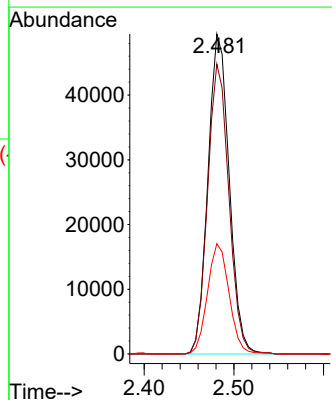
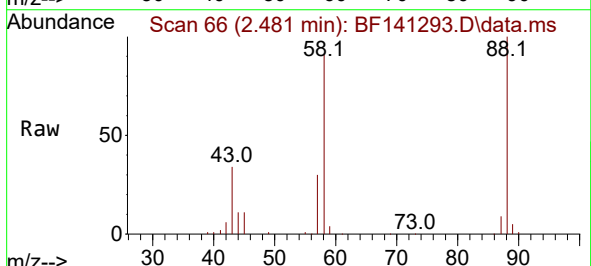
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

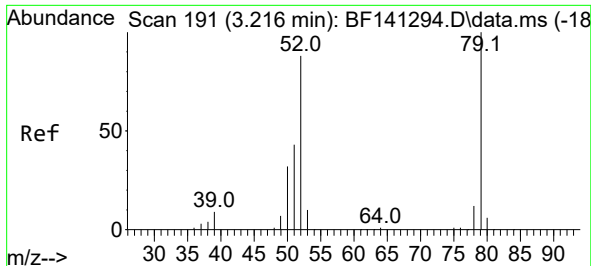
Tgt Ion:152 Resp: 136491
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.9 188.9
 115 63.5 49.7 74.5



#2
 1,4-Dioxane
 Concen: 20.835 ng
 RT: 2.481 min Scan# 66
 Delta R.T. -0.012 min
 Lab File: BF141293.D
 Acq: 29 Jan 2025 15:17

Tgt Ion: 88 Resp: 81467
 Ion Ratio Lower Upper
 88 100
 58 90.4 70.2 105.4
 43 35.0 27.6 41.4





#3

Pyridine

Concen: 21.001 ng

RT: 3.210 min Scan# 191

Delta R.T. -0.018 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

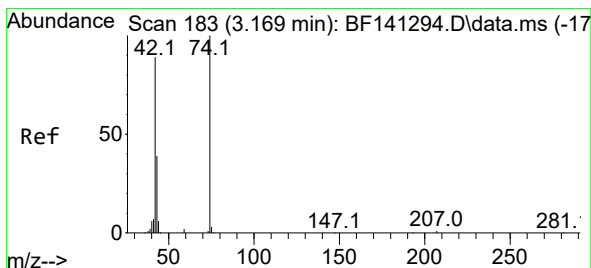
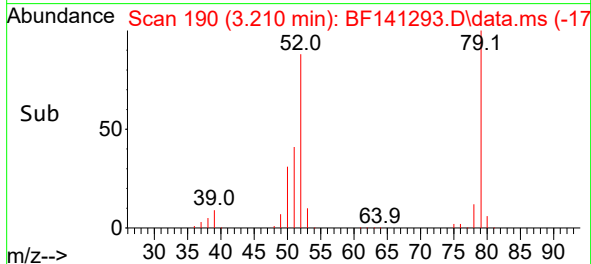
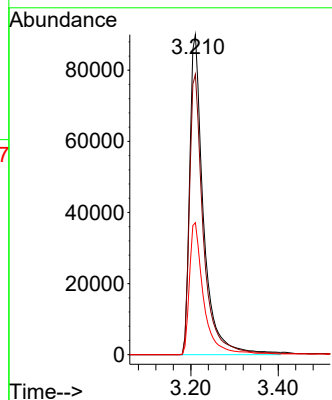
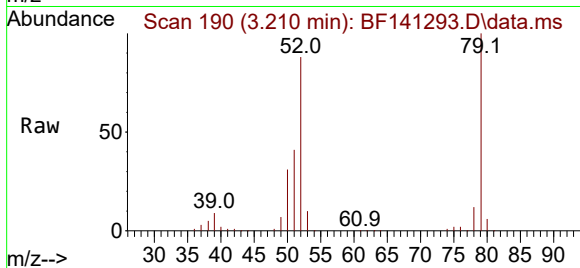
Tgt Ion: 79 Resp: 197852

Ion Ratio Lower Upper

79 100

52 87.6 70.3 105.5

51 41.2 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 20.894 ng

RT: 3.152 min Scan# 180

Delta R.T. -0.047 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

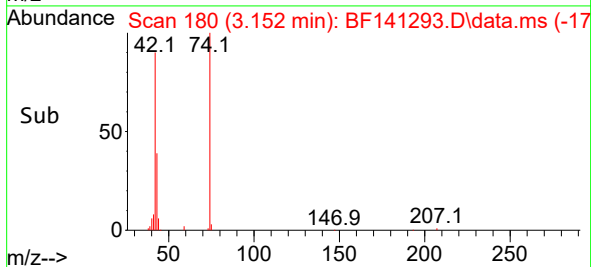
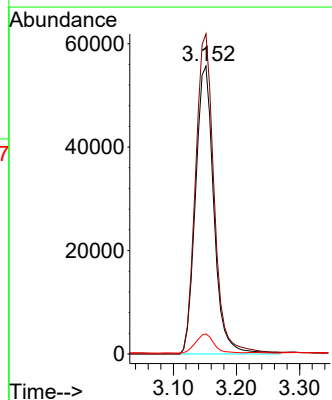
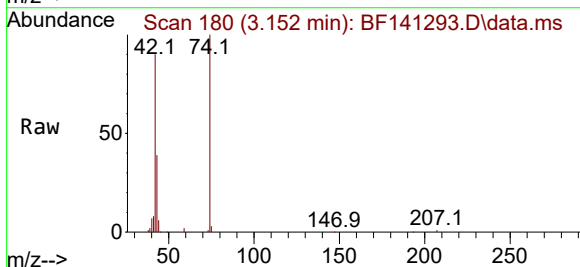
Tgt Ion: 42 Resp: 112450

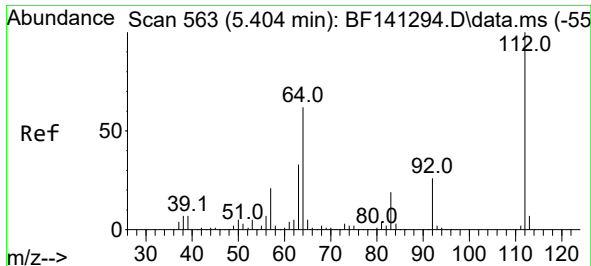
Ion Ratio Lower Upper

42 100

74 111.2 90.3 135.5

44 7.0 5.7 8.5

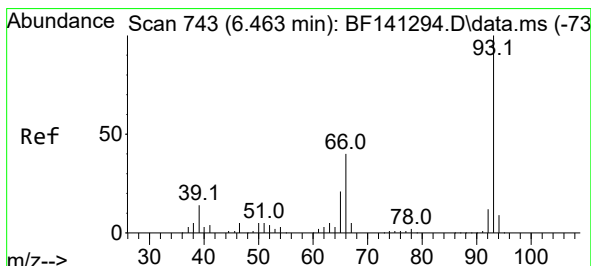
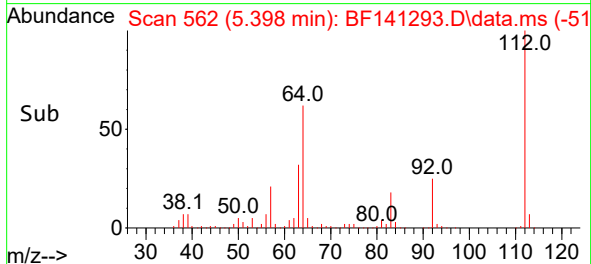
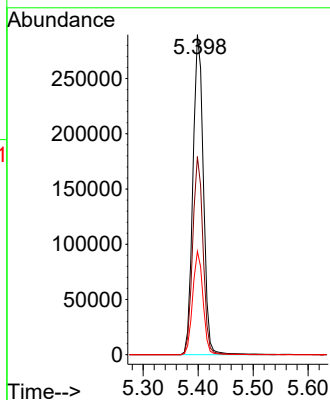
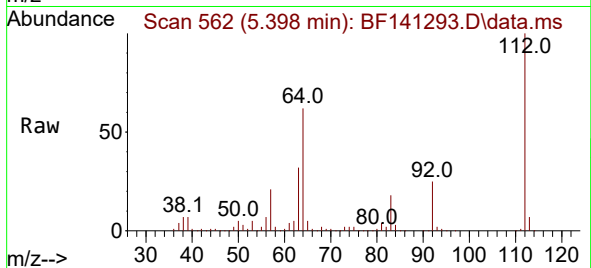




#5
2-Fluorophenol
Concen: 43.035 ng
RT: 5.398 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

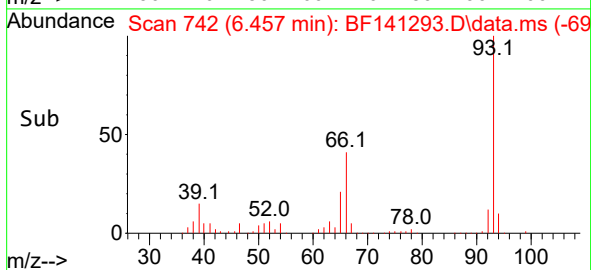
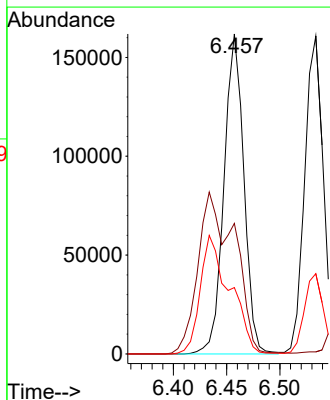
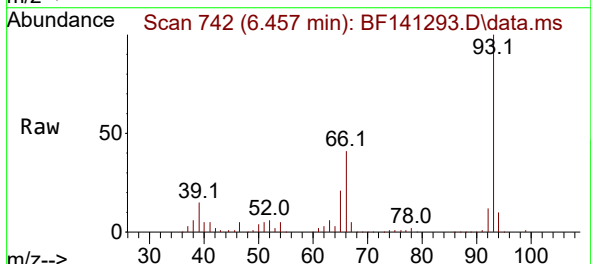
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

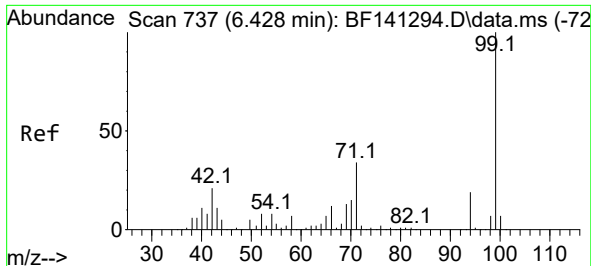
Tgt Ion:112 Resp: 382610
Ion Ratio Lower Upper
112 100
64 61.9 49.8 74.8
63 32.3 26.1 39.1



#6
Aniline
Concen: 21.983 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 93 Resp: 210459
Ion Ratio Lower Upper
93 100
66 40.8 32.5 48.7
65 20.7 17.0 25.6

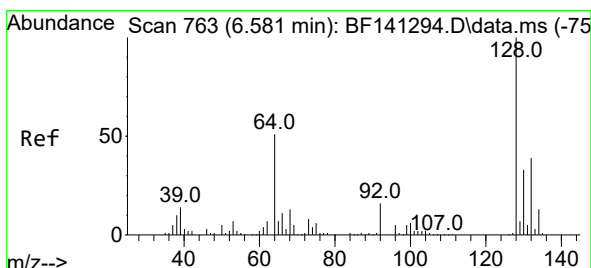
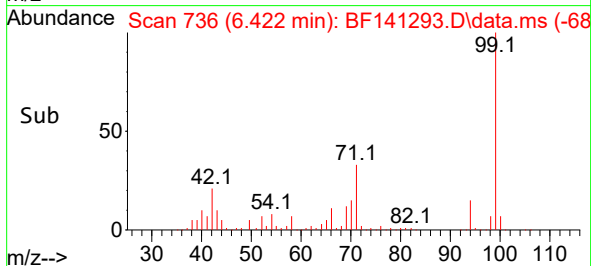
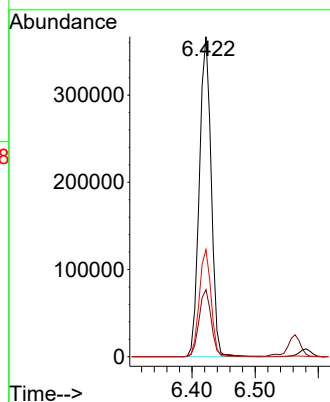
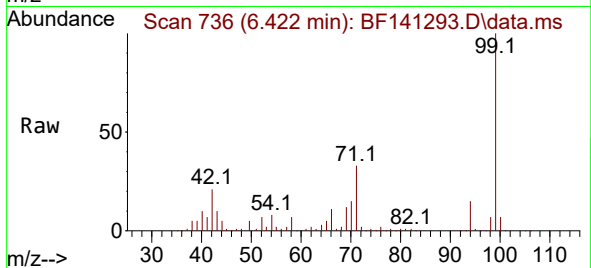




#7
Phenol-d6
Concen: 42.075 ng
RT: 6.422 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

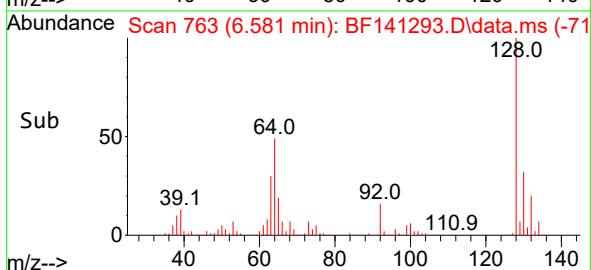
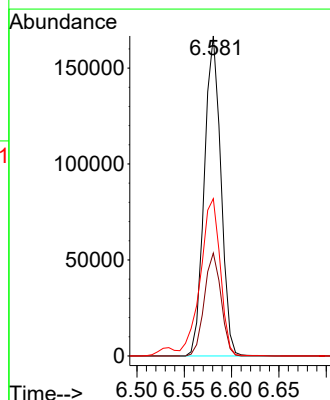
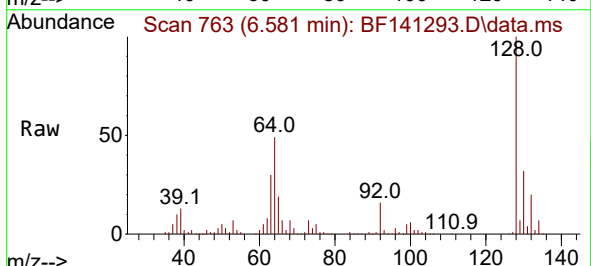
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

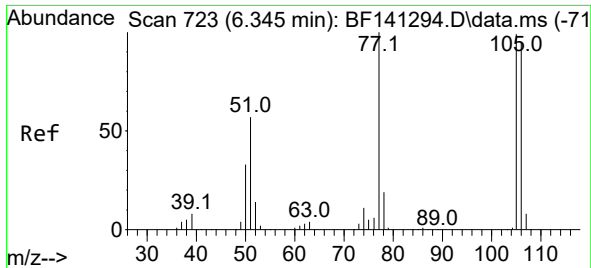
Tgt Ion: 99 Resp: 475876
Ion Ratio Lower Upper
99 100
42 20.9 17.1 25.7
71 33.5 26.9 40.3



#8
2-Chlorophenol
Concen: 21.304 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:128 Resp: 203008
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 49.1 32.9 72.9

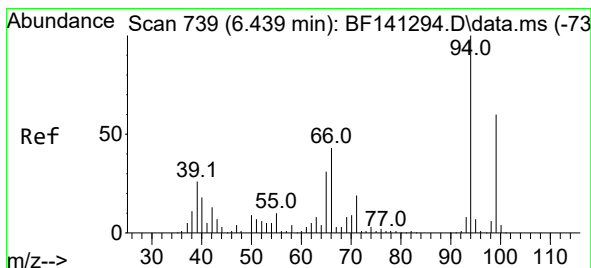
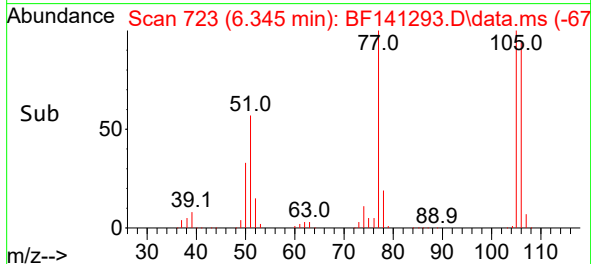
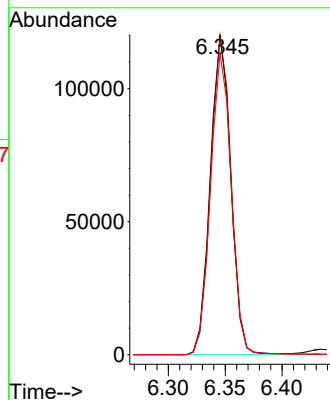
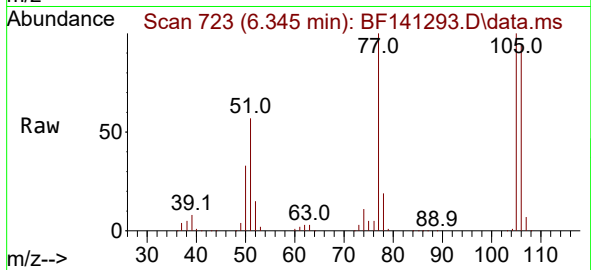




#9
Benzaldehyde
Concen: 22.999 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

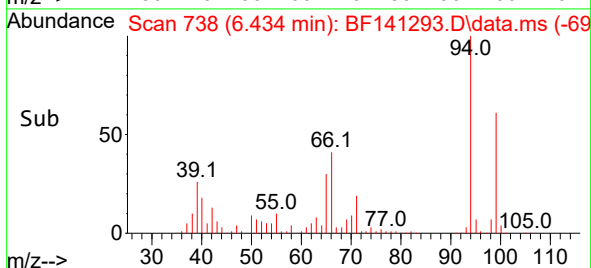
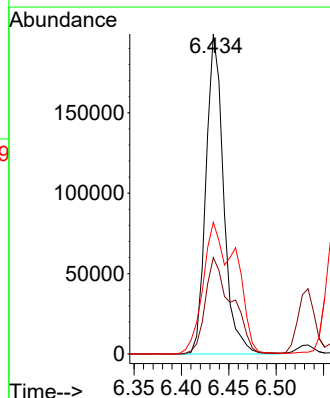
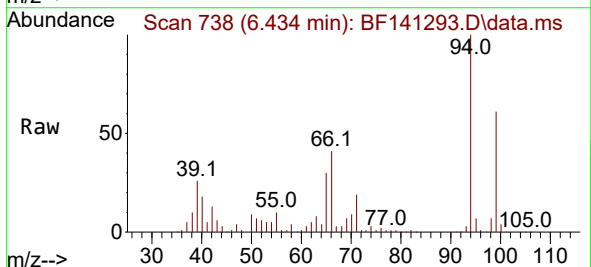
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

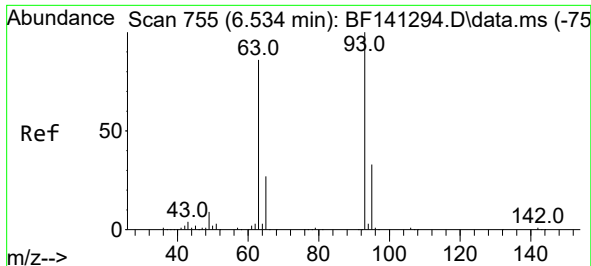
Tgt Ion: 77 Resp: 150675
Ion Ratio Lower Upper
77 100
105 99.7 79.4 119.4
106 94.2 74.6 114.6



#10
Phenol
Concen: 21.451 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 94 Resp: 257179
Ion Ratio Lower Upper
94 100
65 30.1 10.8 50.8
66 41.1 23.3 63.3





#11

bis(2-Chloroethyl)ether

Concen: 21.166 ng

RT: 6.534 min Scan# 755

Delta R.T. -0.012 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

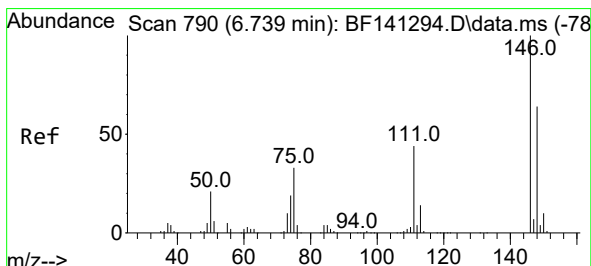
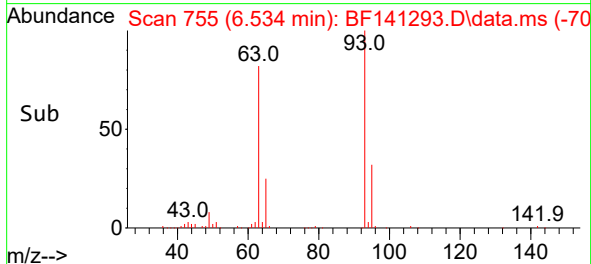
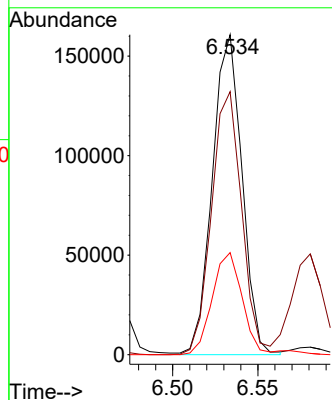
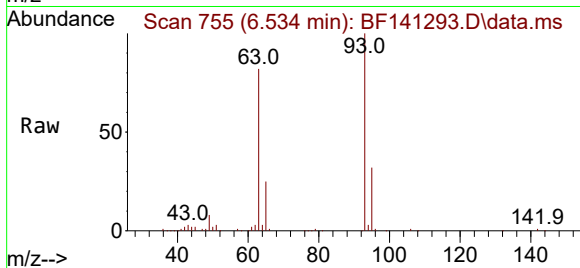
Tgt Ion: 93 Resp: 194572

Ion Ratio Lower Upper

93 100

63 82.2 65.0 105.0

95 31.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 21.403 ng

RT: 6.739 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

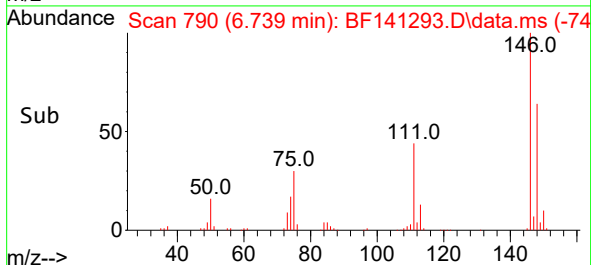
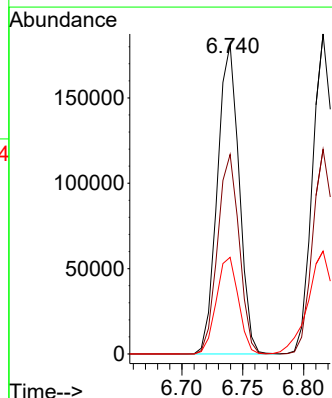
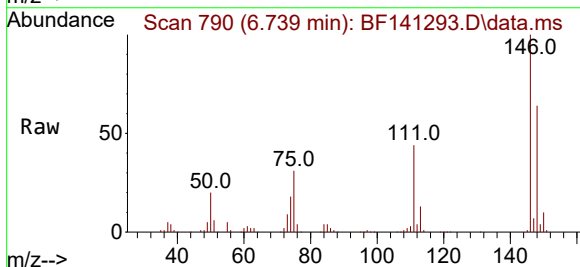
Tgt Ion: 146 Resp: 224880

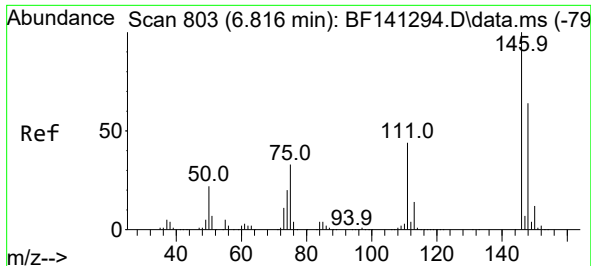
Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

75 31.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 21.447 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

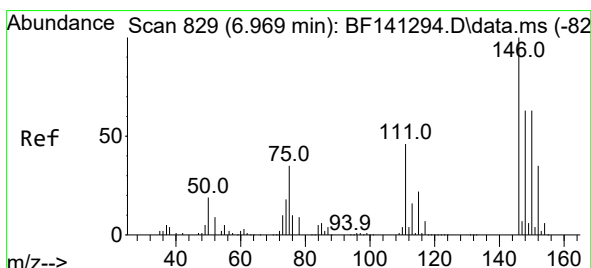
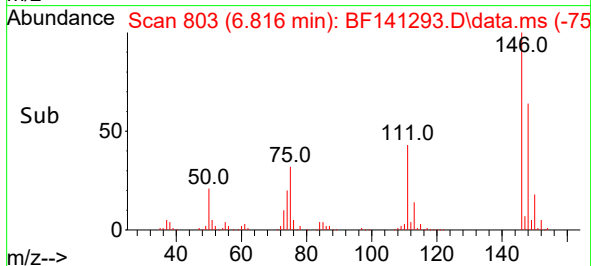
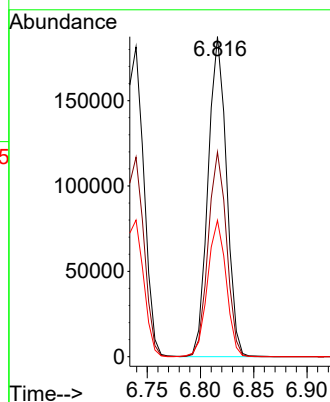
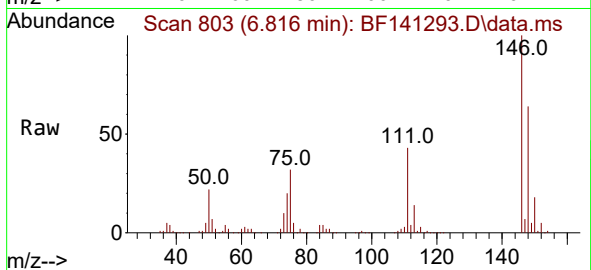
Tgt Ion:146 Resp: 226376

Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

111 42.6 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 21.612 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

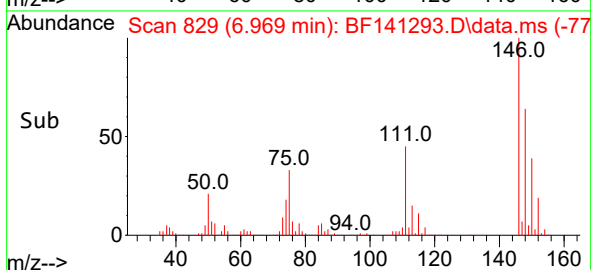
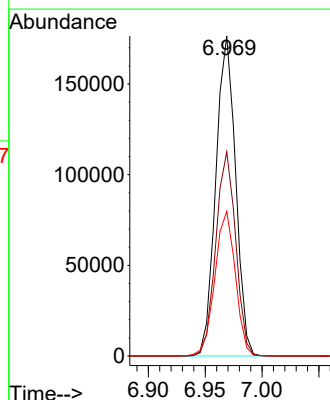
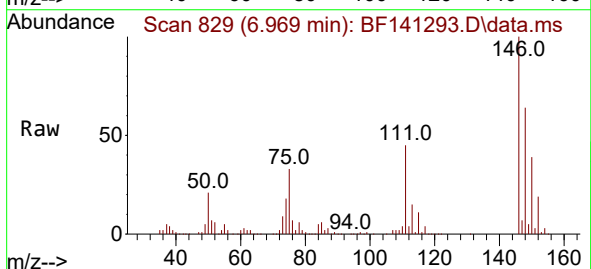
Tgt Ion:146 Resp: 213616

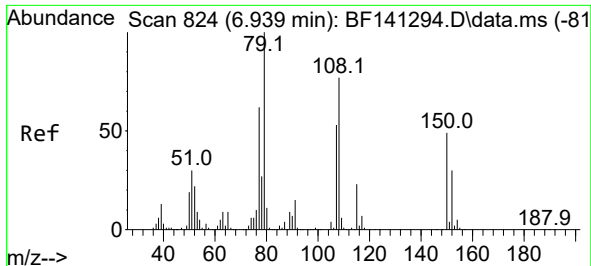
Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

111 45.2 36.6 55.0

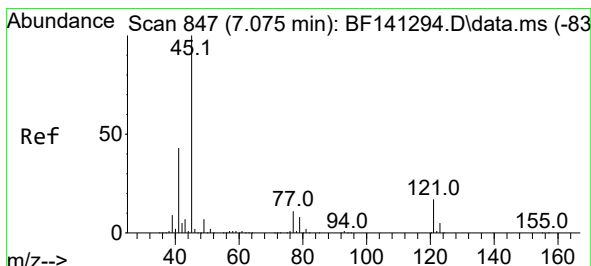
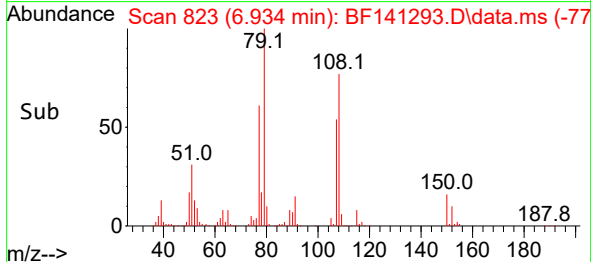
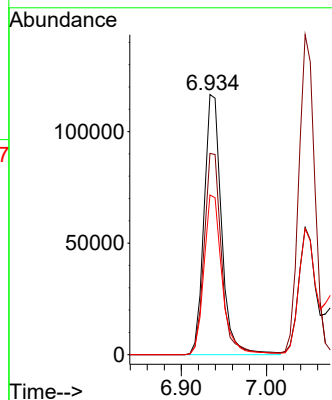
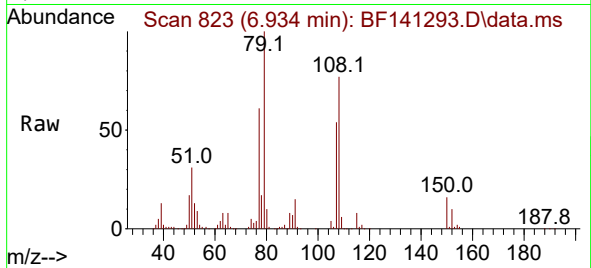




#15
Benzyl Alcohol
Concen: 21.478 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

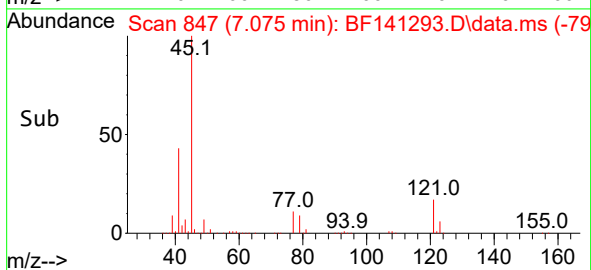
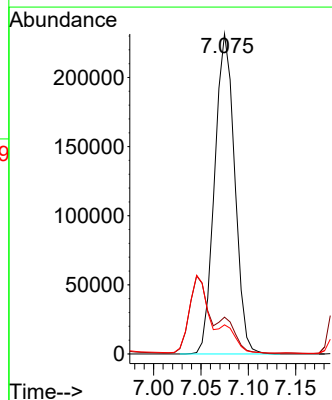
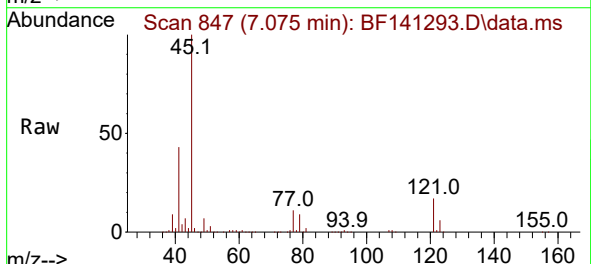
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

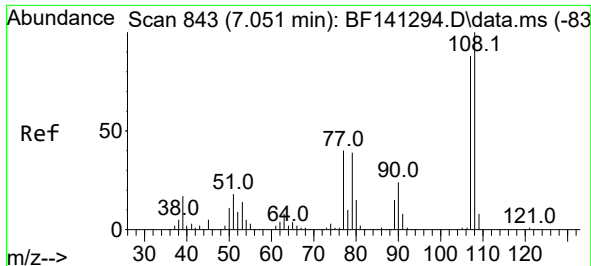
Tgt Ion: 79 Resp: 166008
Ion Ratio Lower Upper
79 100
108 77.4 61.4 92.0
77 61.4 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.306 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 45 Resp: 340590
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.8
79 9.1 0.0 29.1

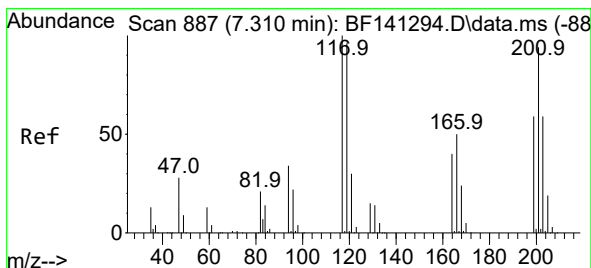
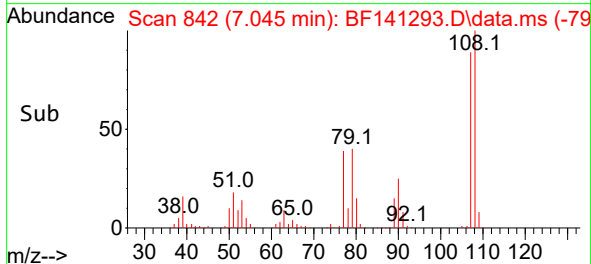
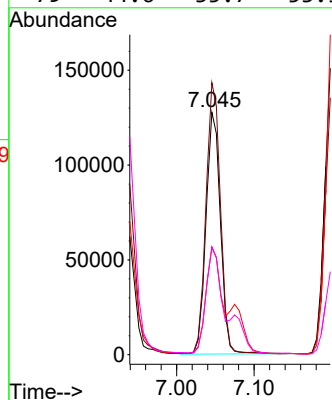
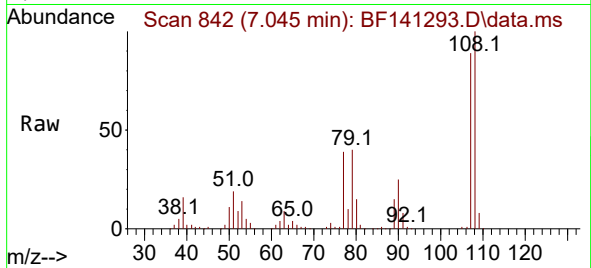




#17
2-Methylphenol
Concen: 21.329 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

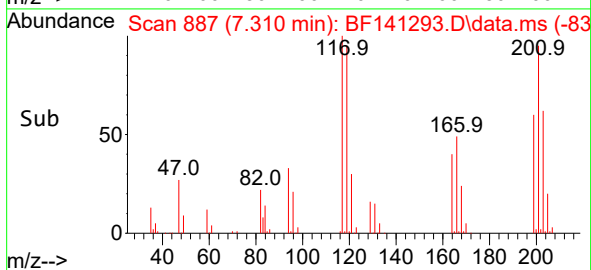
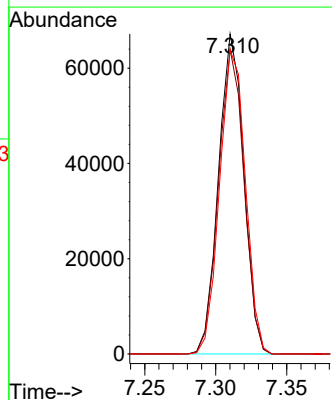
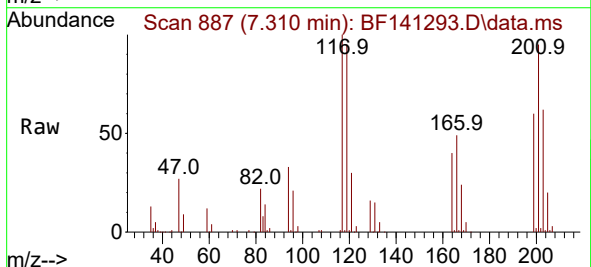
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

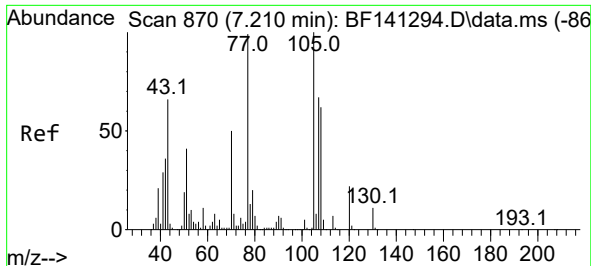
Tgt Ion:107 Resp: 165188
Ion Ratio Lower Upper
107 100
108 112.2 90.8 136.2
77 44.2 36.2 54.4
79 44.6 35.7 53.5



#18
Hexachloroethane
Concen: 21.365 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:117 Resp: 83193
Ion Ratio Lower Upper
117 100
119 95.2 76.6 114.8
201 95.1 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 20.962 ng

RT: 7.204 min Scan# 8

Delta R.T. -0.024 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 140874

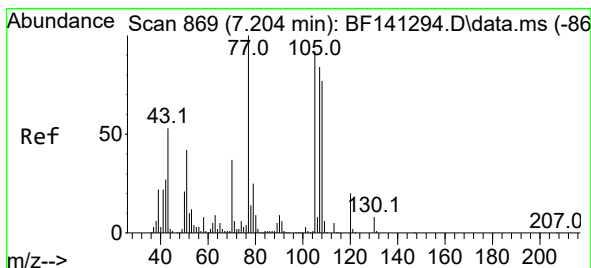
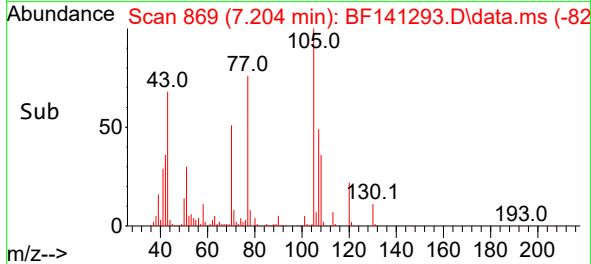
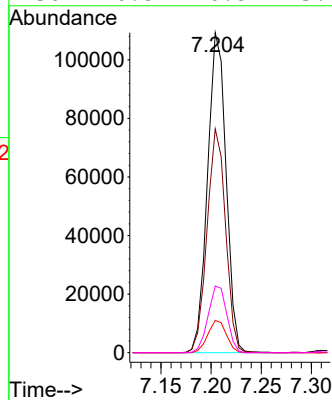
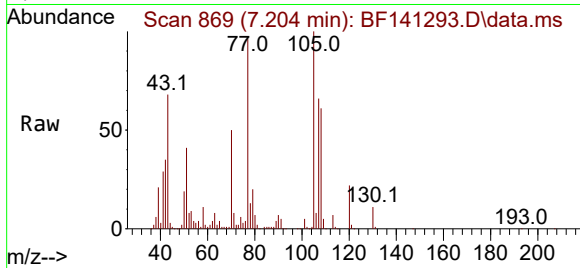
Ion Ratio Lower Upper

70 100

42 69.9 56.8 85.2

101 10.1 7.7 11.5

130 20.8 16.8 25.2



#20

3+4-Methylphenols

Concen: 21.565 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.018 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Tgt Ion:107 Resp: 205070

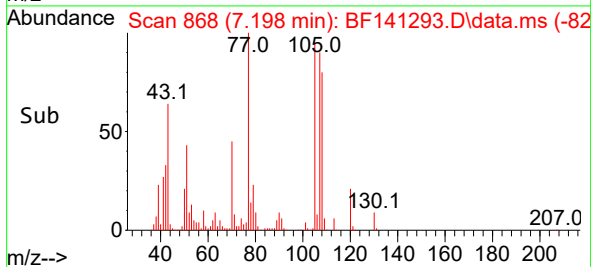
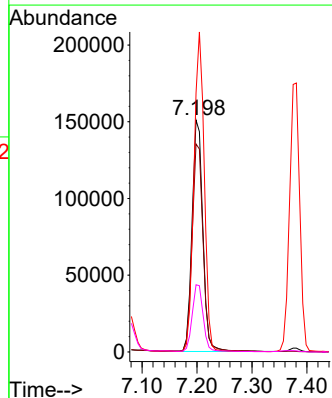
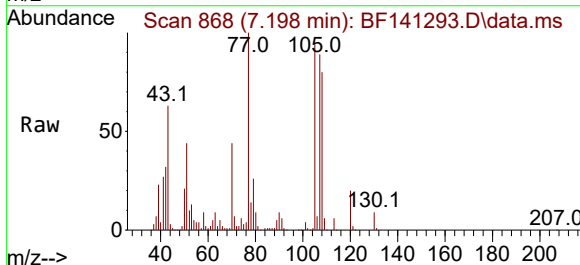
Ion Ratio Lower Upper

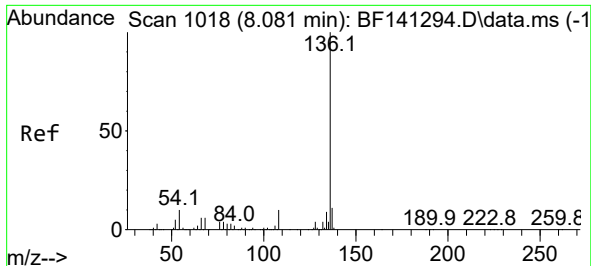
107 100

108 89.7 70.9 110.9

77 111.7 98.5 138.5

79 29.0 9.5 49.5



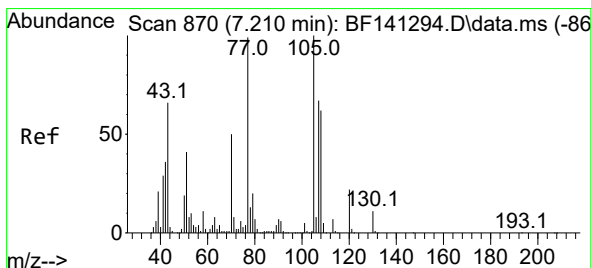
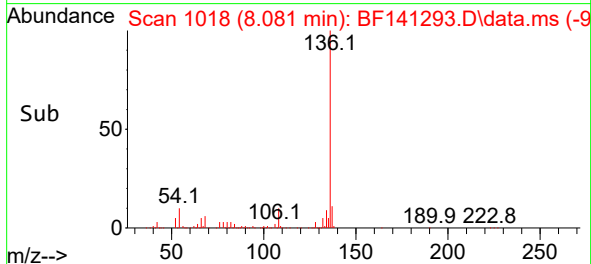
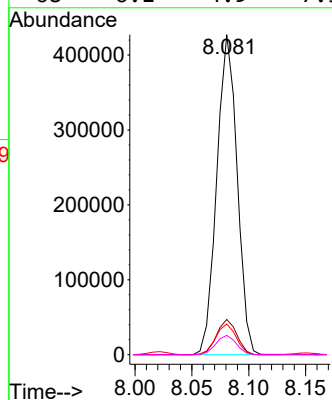
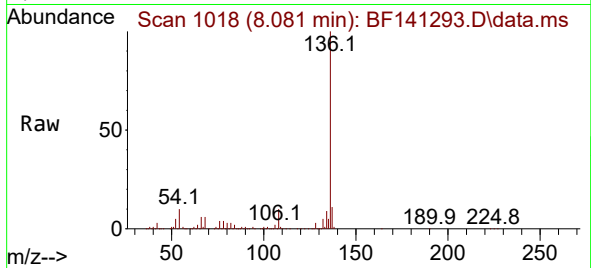


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 532862

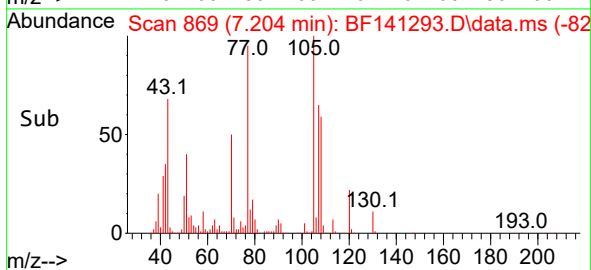
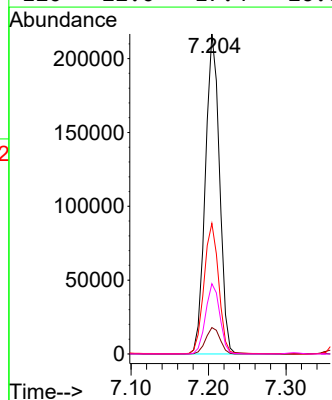
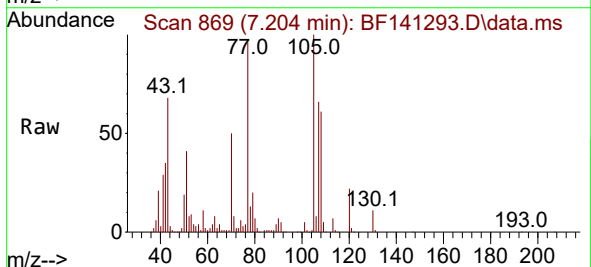
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.6	7.8	11.8
68	6.1	4.9	7.3

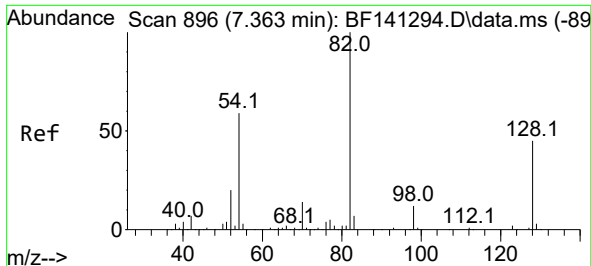


#22
Acetophenone
Concen: 21.765 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:105 Resp: 275680

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.8	10.2
51	40.8	32.6	49.0
120	22.0	17.4	26.0





#23

Nitrobenzene-d5

Concen: 42.754 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

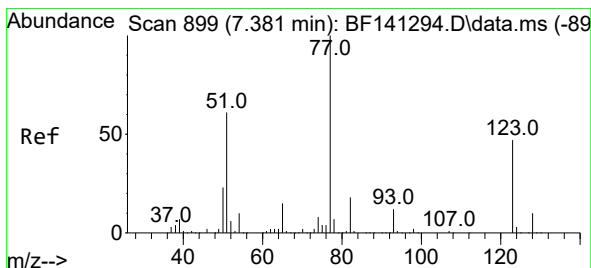
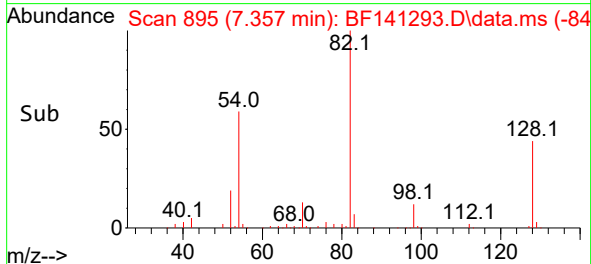
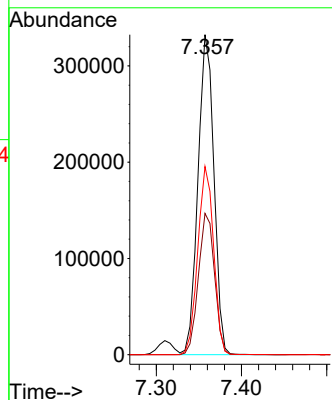
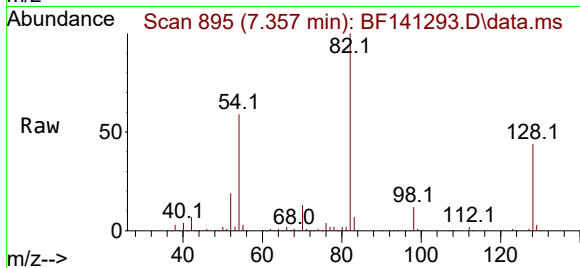
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 432160

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	58.8	47.1	70.7



#24

Nitrobenzene

Concen: 21.390 ng

RT: 7.381 min Scan# 899

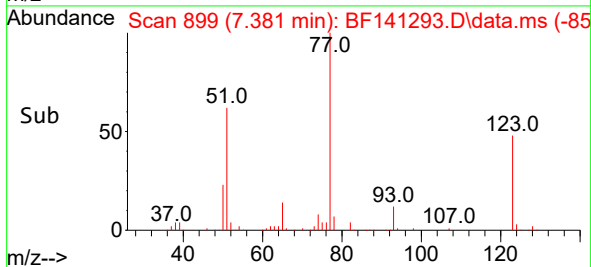
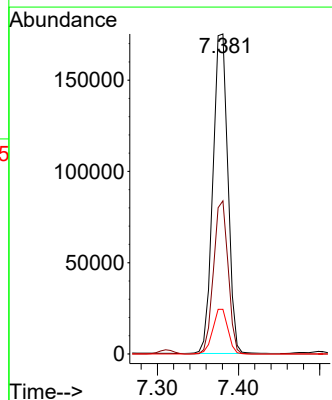
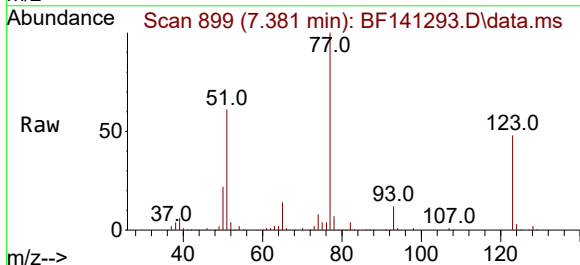
Delta R.T. -0.012 min

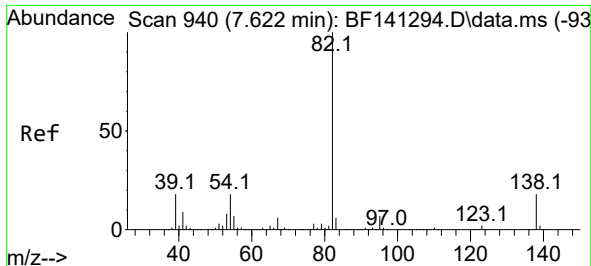
Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Tgt Ion: 77 Resp: 224061

Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.3	55.9
65	13.9	11.8	17.6

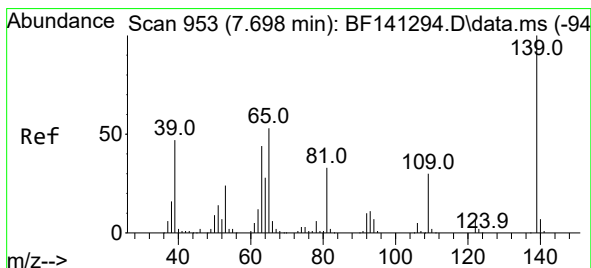
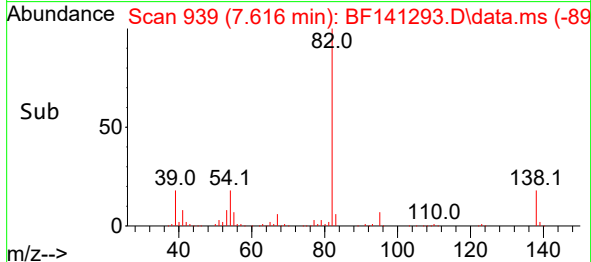
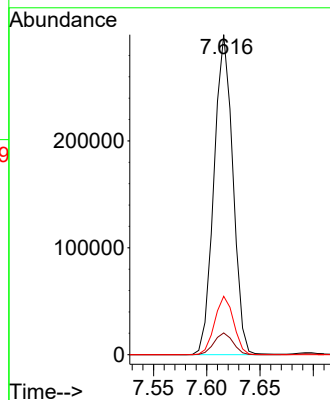
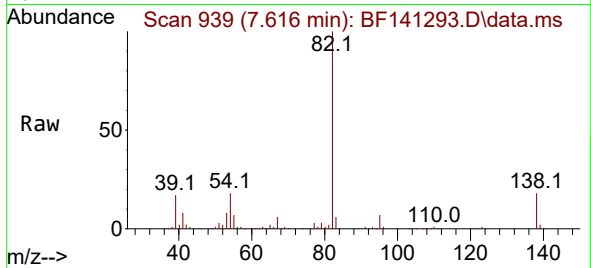




#25
Isophorone
Concen: 21.176 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

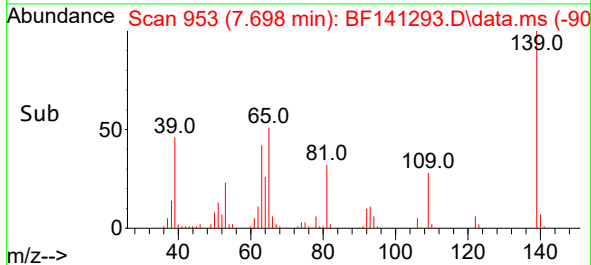
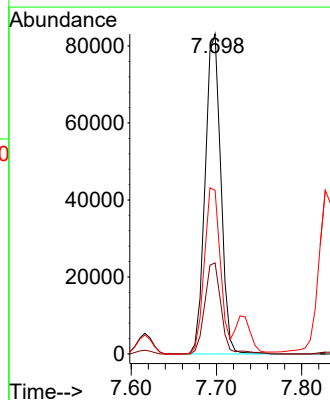
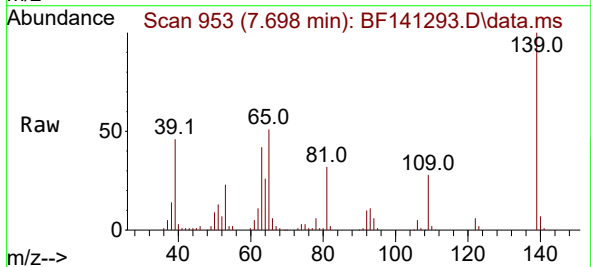
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

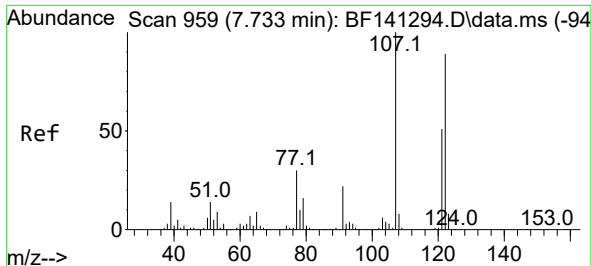
Tgt Ion: 82 Resp: 369998
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.6
138 18.2 14.7 22.1



#26
2-Nitrophenol
Concen: 21.515 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:139 Resp: 106287
Ion Ratio Lower Upper
139 100
109 28.5 23.8 35.6
65 51.2 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 20.083 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

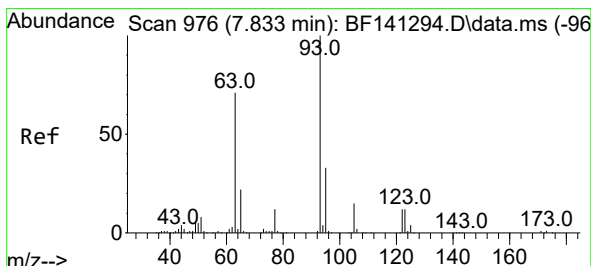
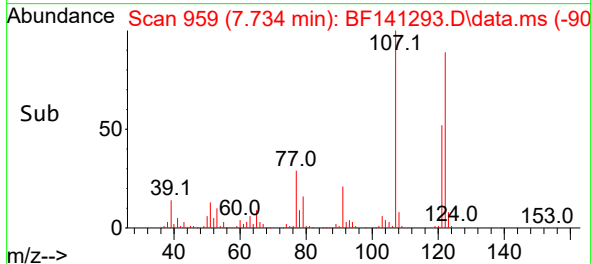
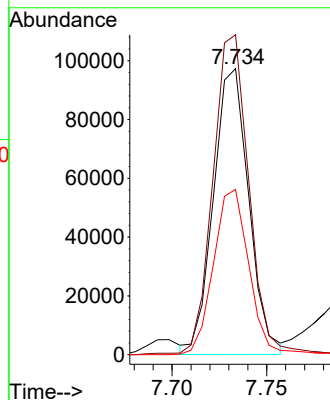
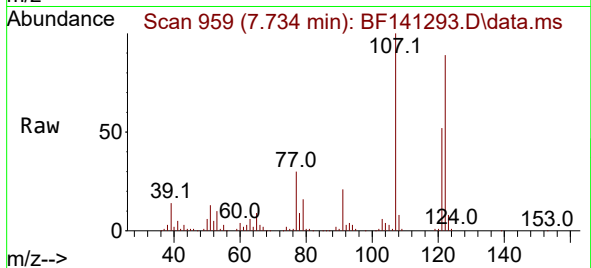
Tgt Ion:122 Resp: 126282

Ion Ratio Lower Upper

122 100

107 111.9 89.9 134.9

121 57.8 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 21.298 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

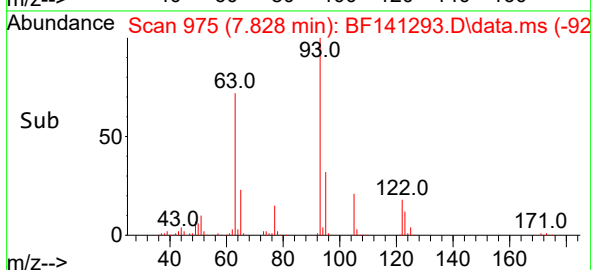
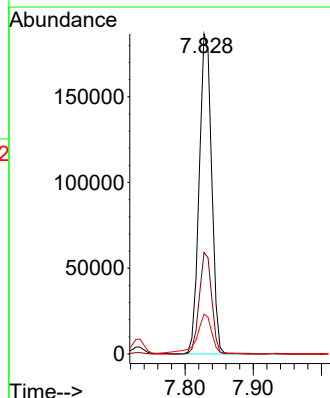
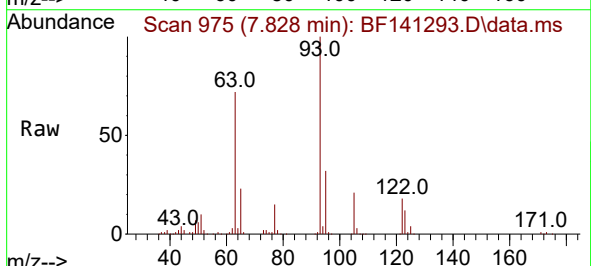
Tgt Ion: 93 Resp: 237369

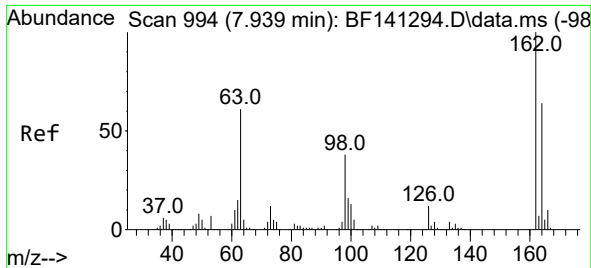
Ion Ratio Lower Upper

93 100

95 31.7 26.2 39.2

123 12.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 21.584 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

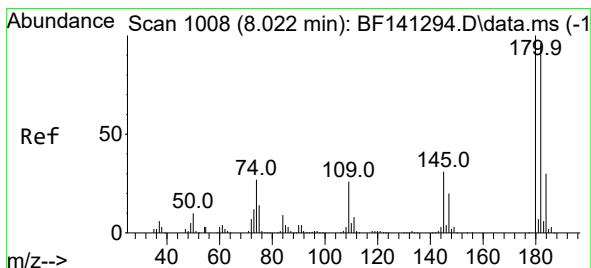
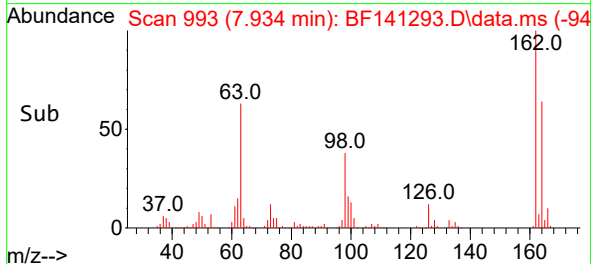
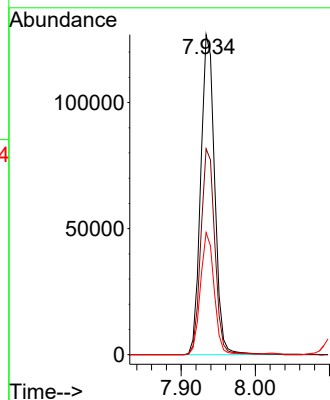
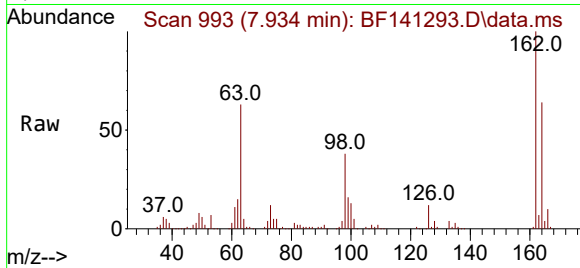
Tgt Ion:162 Resp: 166153

Ion Ratio Lower Upper

162 100

164 64.4 44.2 84.2

98 38.1 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 21.438 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

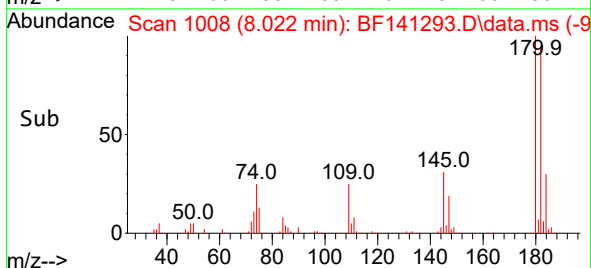
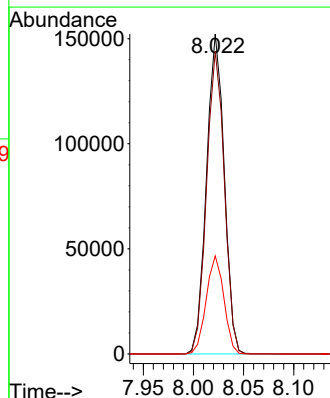
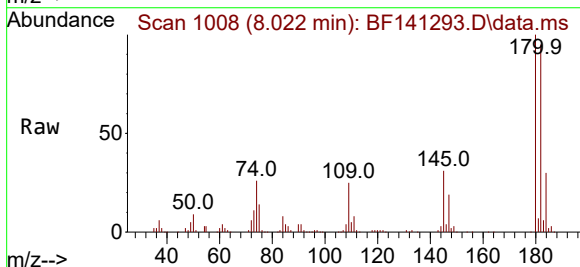
Tgt Ion:180 Resp: 188468

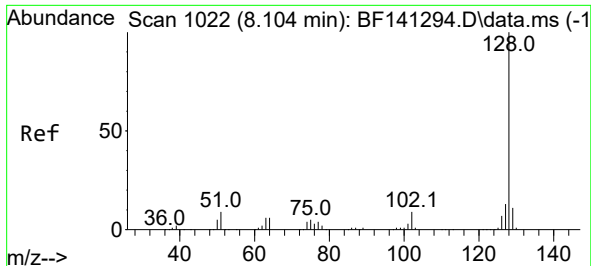
Ion Ratio Lower Upper

180 100

182 94.7 76.4 114.6

145 30.6 24.9 37.3

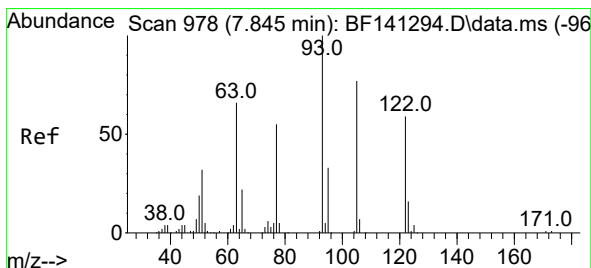
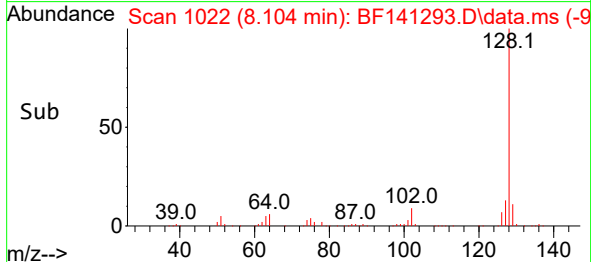
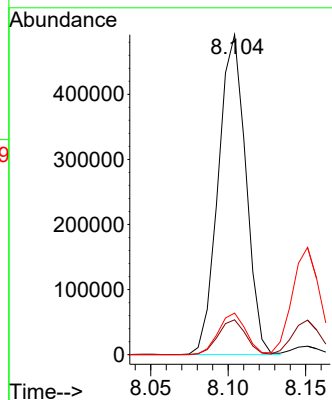
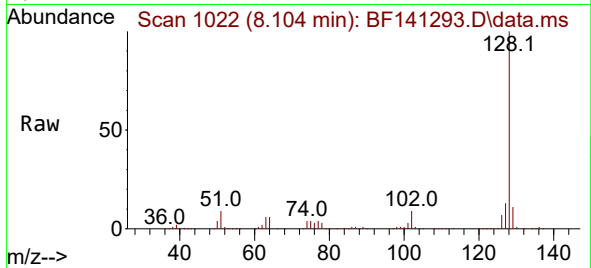




#31
Naphthalene
Concen: 21.585 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

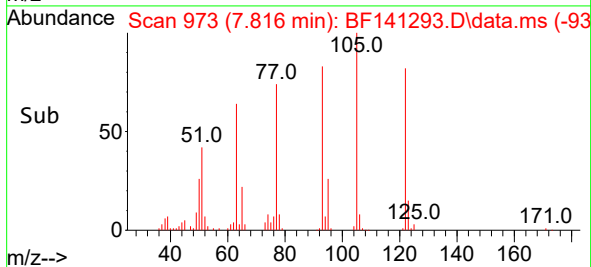
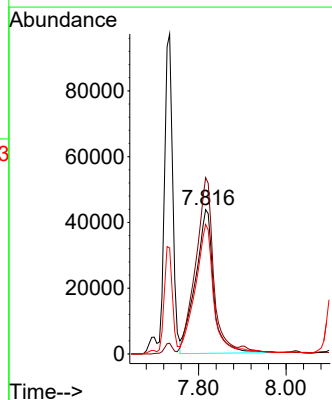
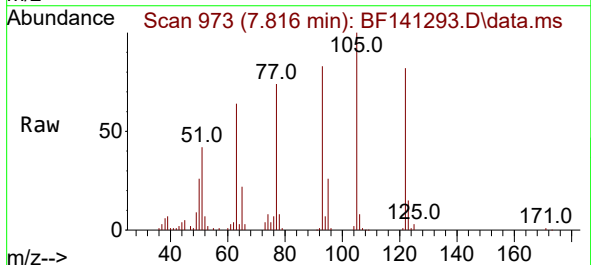
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

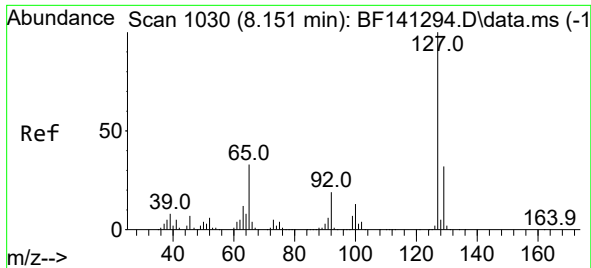
Tgt Ion:128 Resp: 607622
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 21.925 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.065 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:122 Resp: 126734
Ion Ratio Lower Upper
122 100
105 122.2 103.4 143.4
77 89.9 70.9 110.9

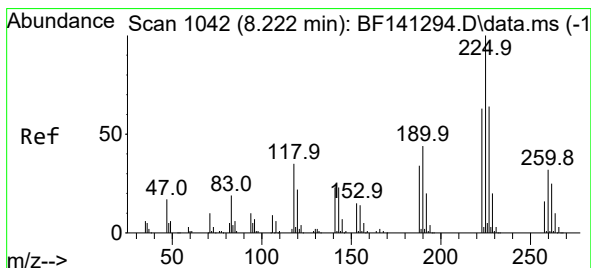
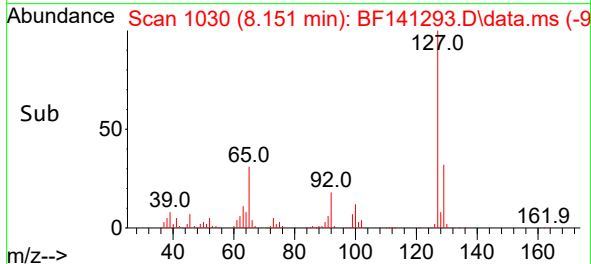
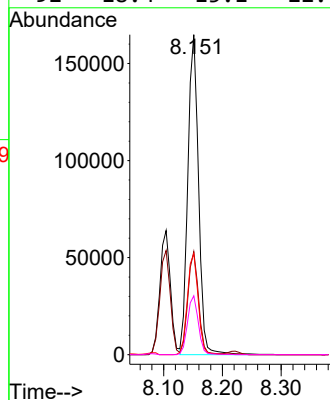
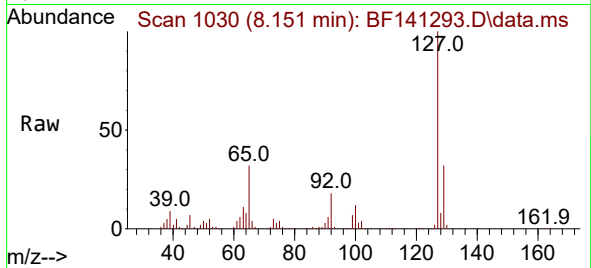




#33
4-Chloroaniline
Concen: 21.846 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

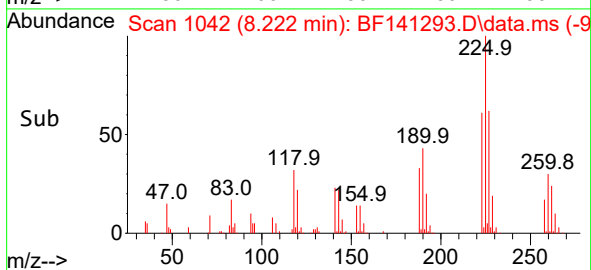
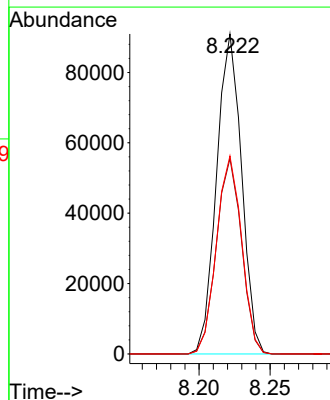
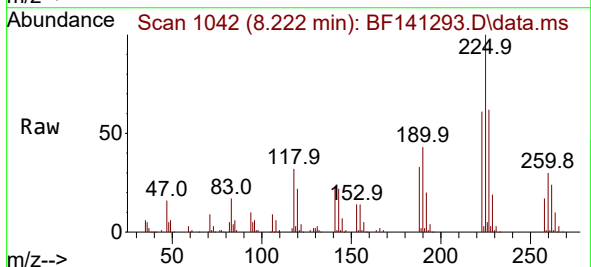
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

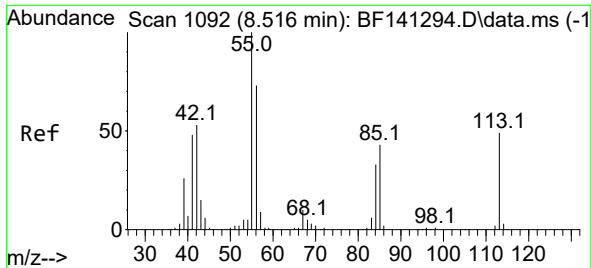
Tgt Ion:127	Resp: 208531
Ion Ratio	Lower Upper
127 100	
129 32.2	25.7 38.5
65 31.6	26.4 39.6
92 18.4	15.1 22.7



#34
Hexachlorobutadiene
Concen: 21.583 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt	Ion:225	Resp:	111274
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.4	75.6
227	61.9	51.3	76.9

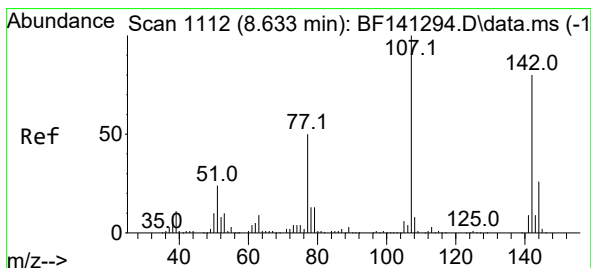
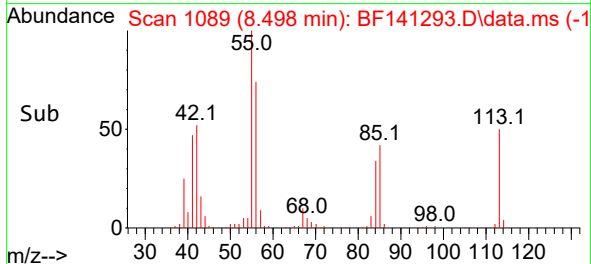
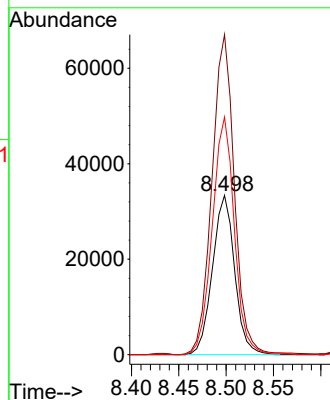
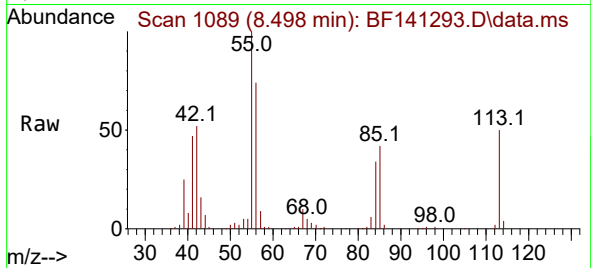




#35
 Caprolactam
 Concen: 21.591 ng
 RT: 8.498 min Scan# 1092
 Delta R.T. -0.047 min
 Lab File: BF141293.D
 Acq: 29 Jan 2025 15:17

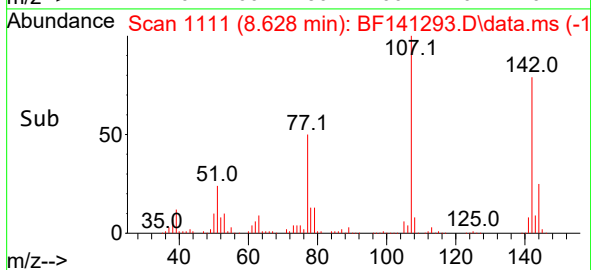
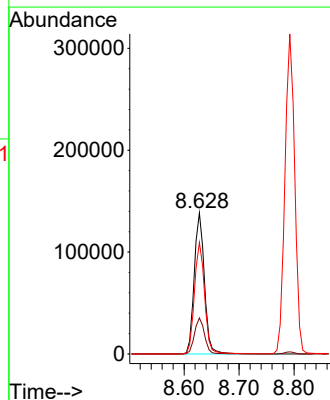
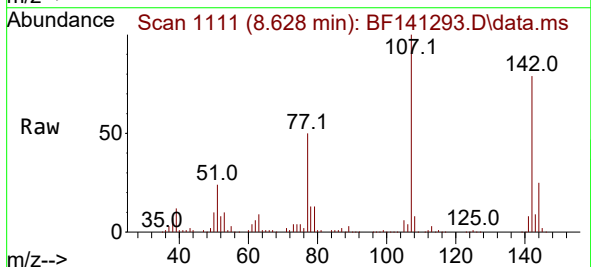
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

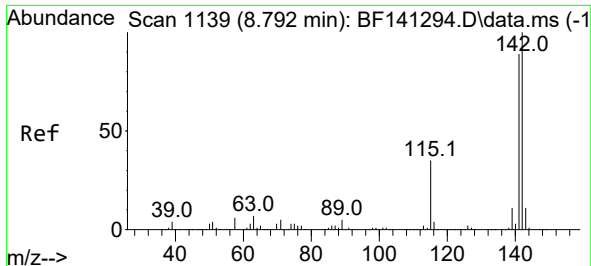
Tgt Ion:113 Resp: 54280
 Ion Ratio Lower Upper
 113 100
 55 200.9 182.9 222.9
 56 149.2 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 21.555 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF141293.D
 Acq: 29 Jan 2025 15:17

Tgt Ion:107 Resp: 177981
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.7 31.1
 142 79.0 63.8 95.8

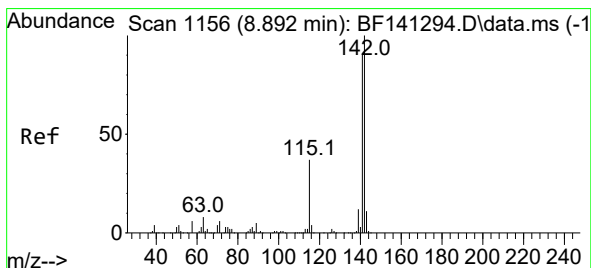
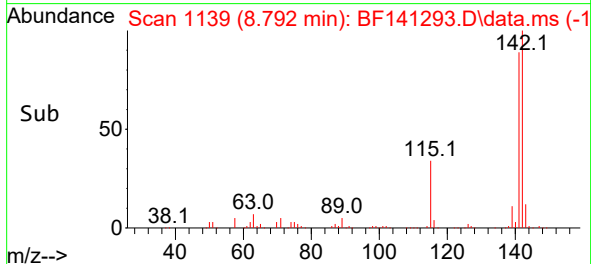
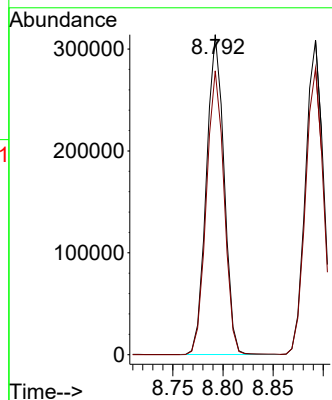
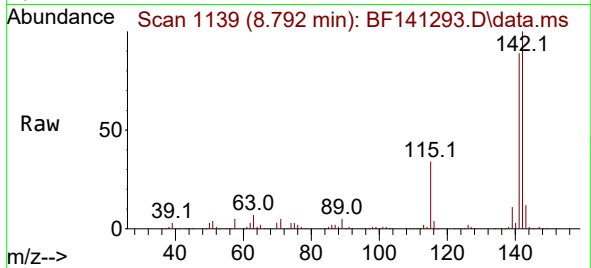




#37
2-Methylnaphthalene
Concen: 21.576 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

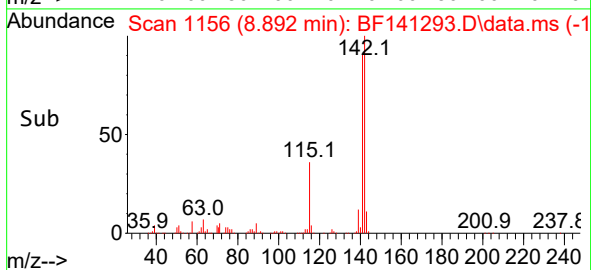
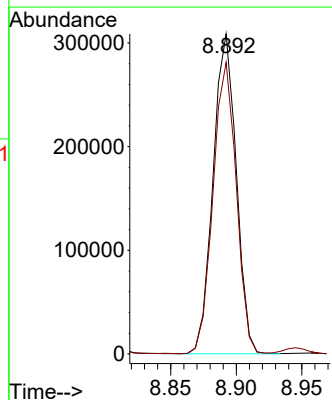
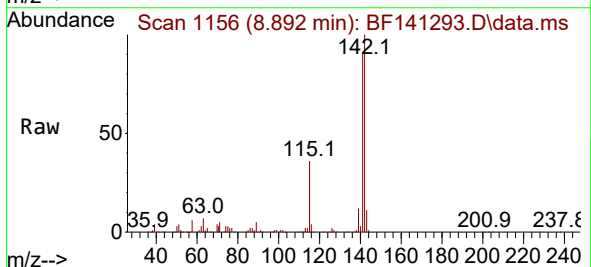
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

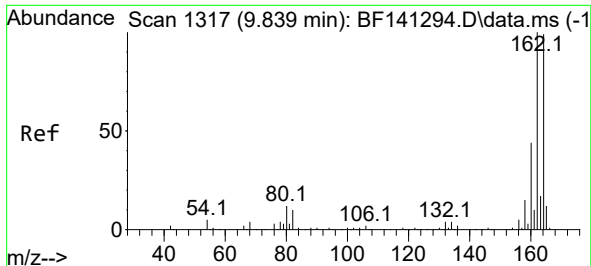
Tgt Ion:142 Resp: 386035
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9



#38
1-Methylnaphthalene
Concen: 21.558 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:142 Resp: 378878
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF141293.D

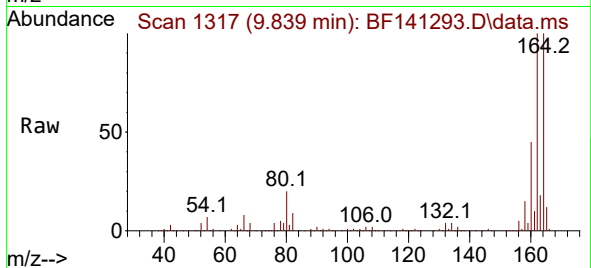
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



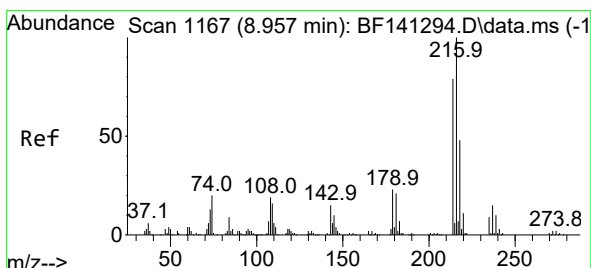
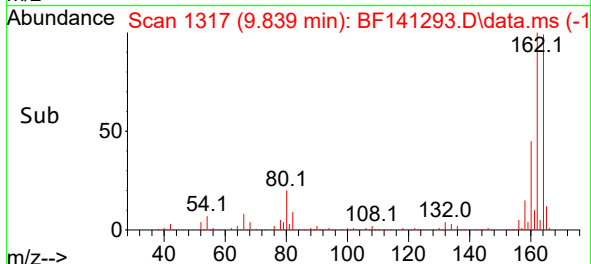
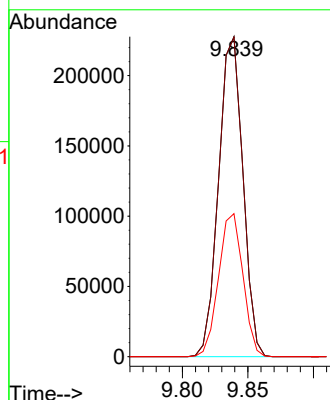
Tgt Ion:164 Resp: 293084

Ion Ratio Lower Upper

164 100

162 99.8 80.6 121.0

160 44.7 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.197 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Tgt Ion:216 Resp: 176736

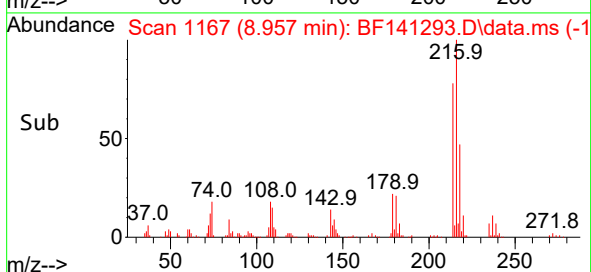
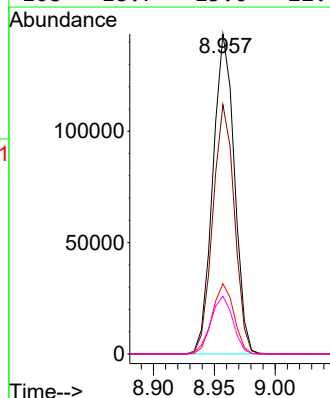
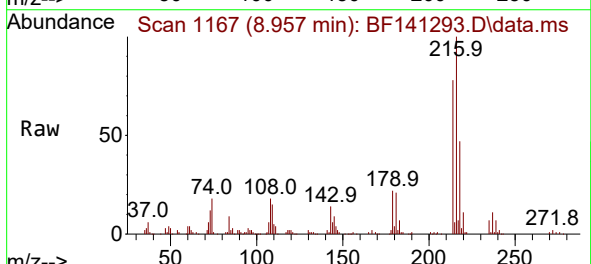
Ion Ratio Lower Upper

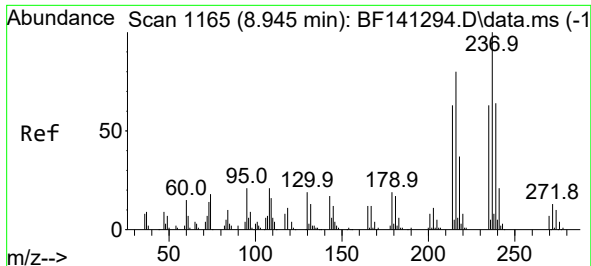
216 100

214 77.9 63.2 94.8

179 21.9 17.8 26.8

108 18.7 15.0 22.6

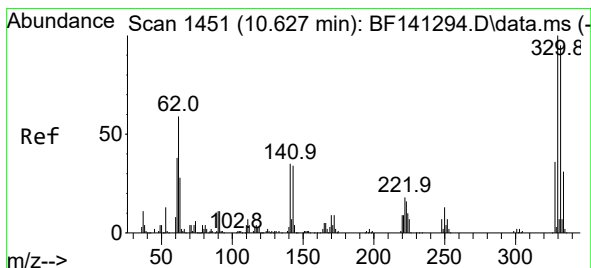
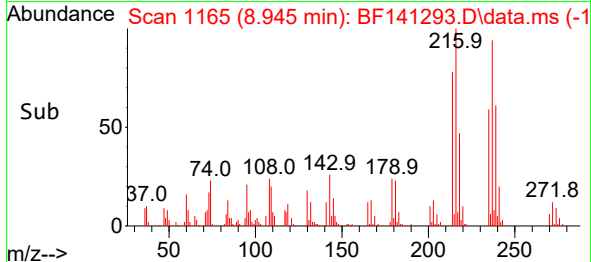
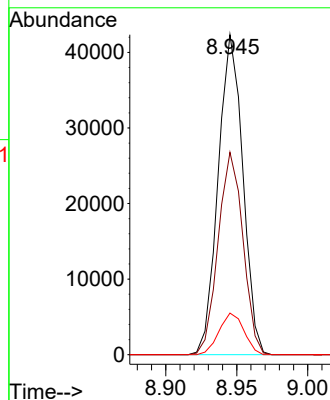
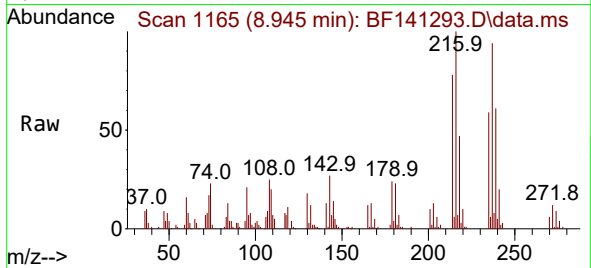




#41
Hexachlorocyclopentadiene
Concen: 20.757 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

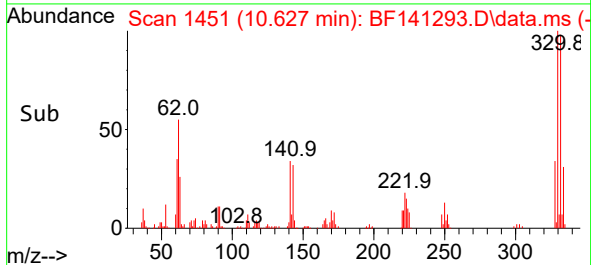
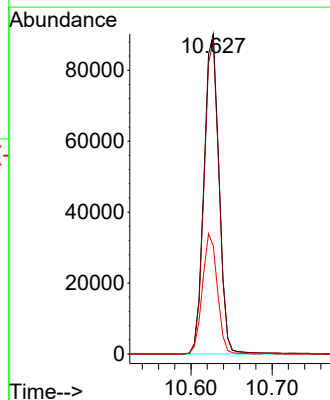
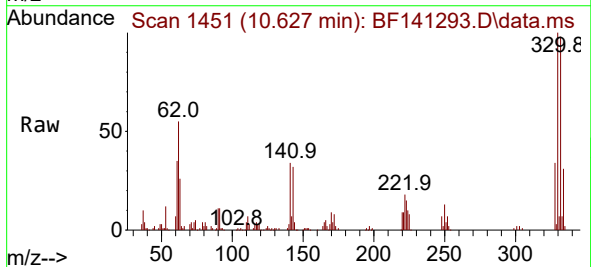
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

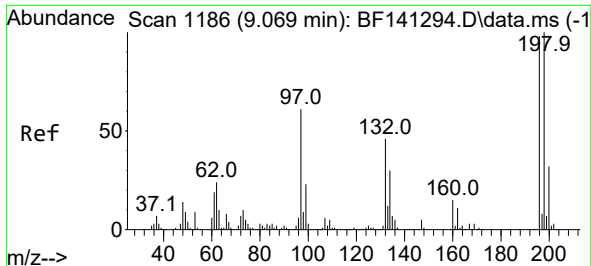
Tgt Ion:237 Resp: 51112
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 13.0 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 43.234 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:330 Resp: 116167
Ion Ratio Lower Upper
330 100
332 97.4 76.1 114.1
141 37.2 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 20.960 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

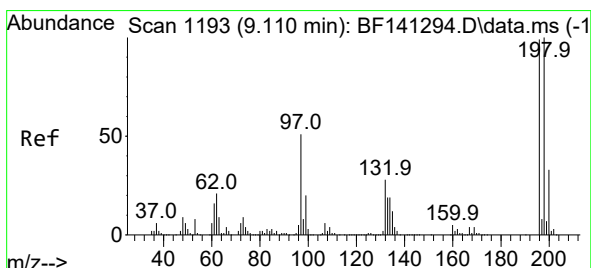
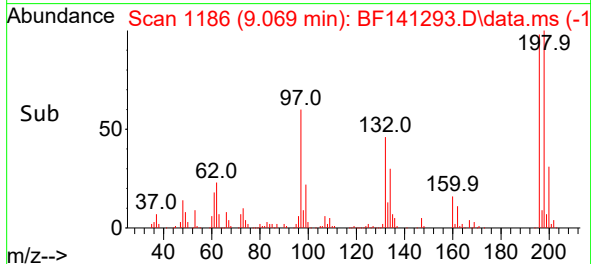
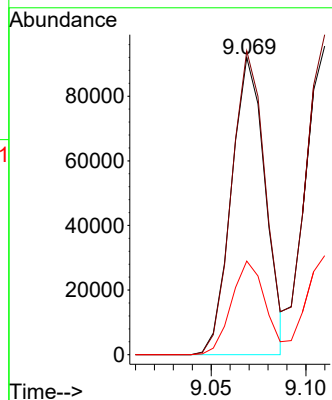
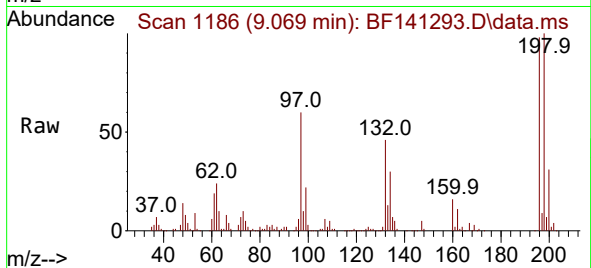
Tgt Ion:196 Resp: 114390

Ion Ratio Lower Upper

196 100

198 102.3 81.8 122.6

200 31.5 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 21.166 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Tgt Ion:196 Resp: 125725

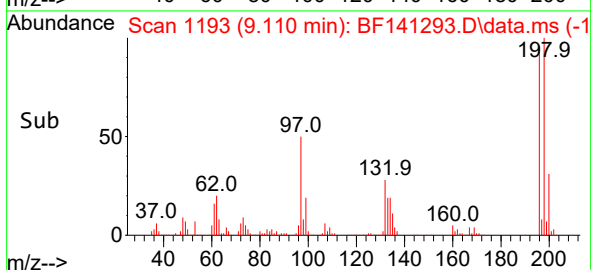
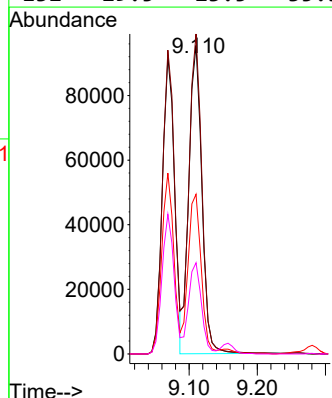
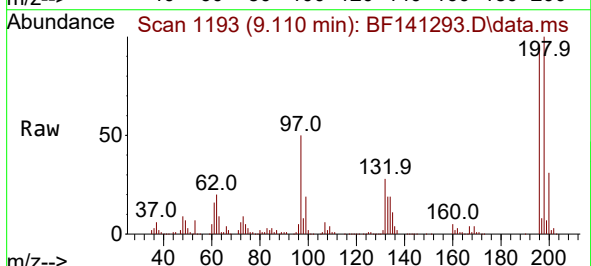
Ion Ratio Lower Upper

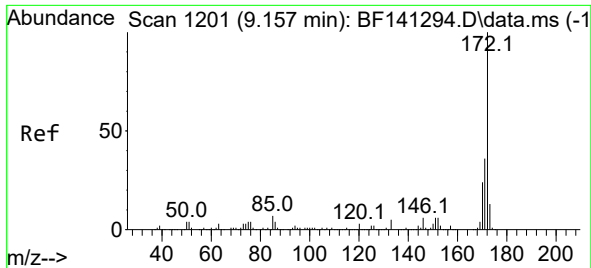
196 100

198 103.7 80.5 120.7

97 51.8 42.8 64.2

132 29.5 23.5 35.3

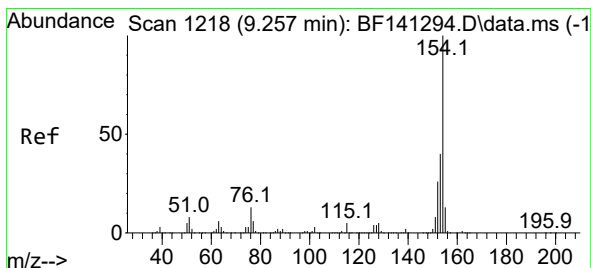
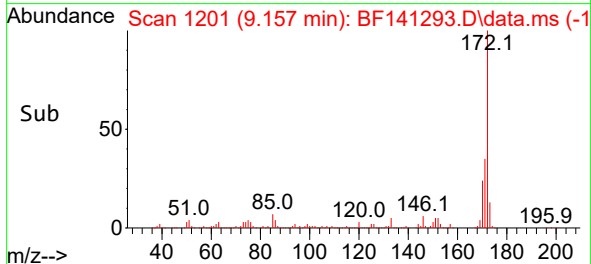
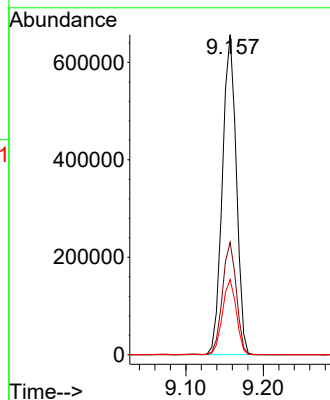
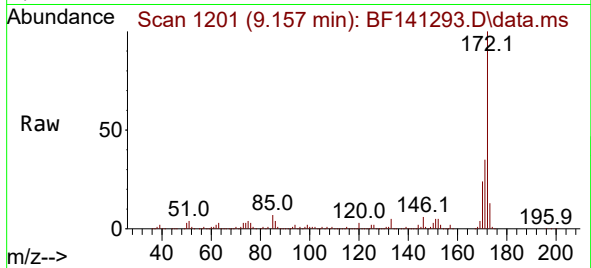




#45
2-Fluorobiphenyl
Concen: 43.031 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

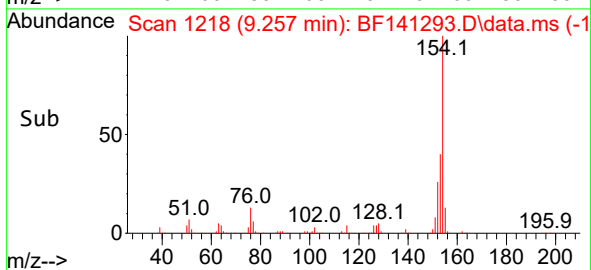
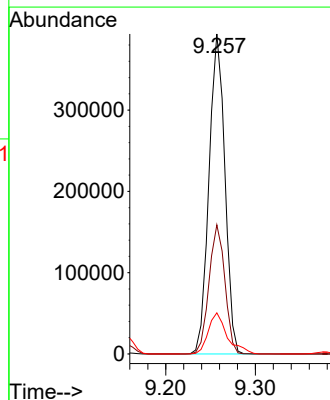
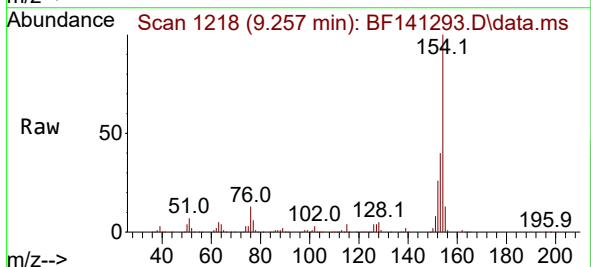
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

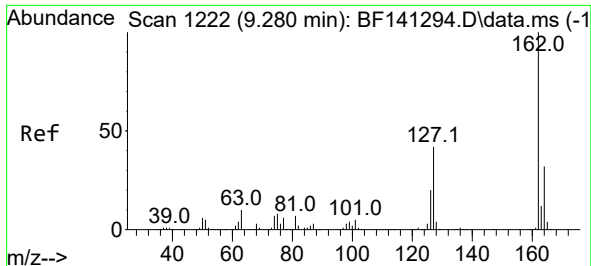
Tgt Ion:172 Resp: 819371
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 21.152 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:154 Resp: 483479
Ion Ratio Lower Upper
154 100
153 40.4 20.0 60.0
76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 21.214 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

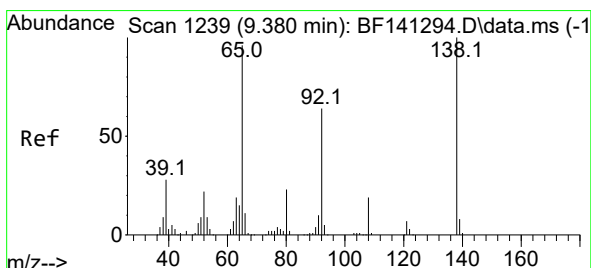
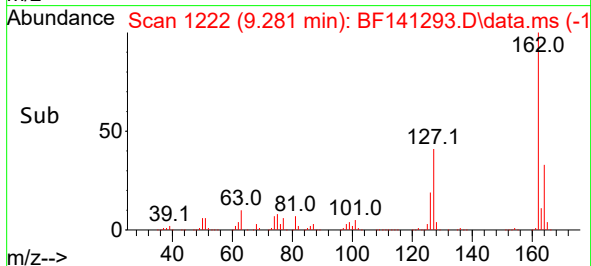
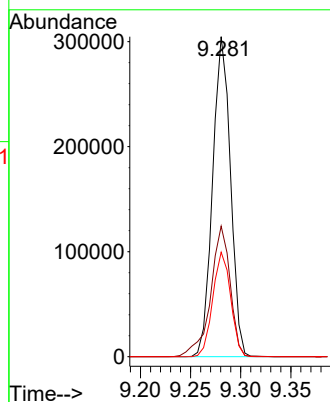
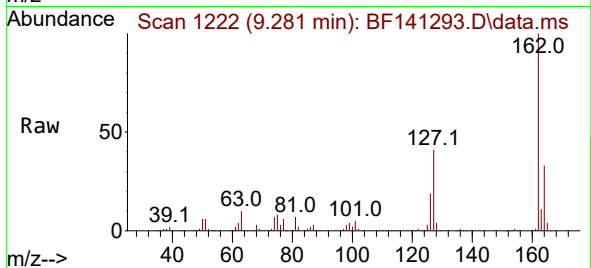
Tgt Ion:162 Resp: 377946

Ion Ratio Lower Upper

162 100

127 40.8 33.7 50.5

164 32.7 25.9 38.9



#48

2-Nitroaniline

Concen: 21.300 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

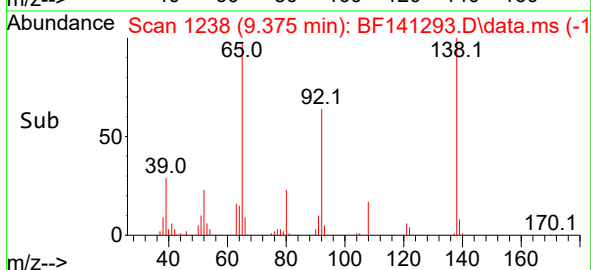
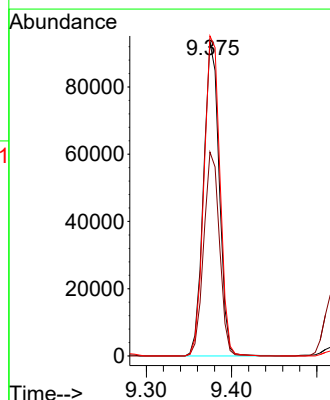
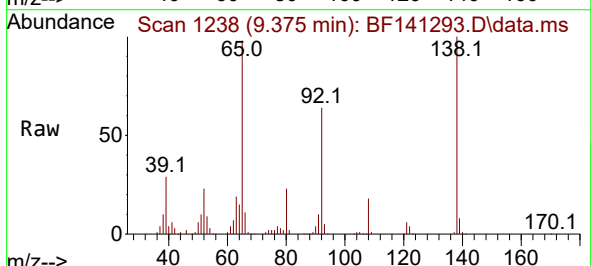
Tgt Ion: 65 Resp: 119359

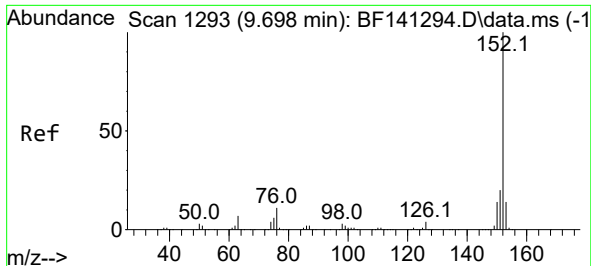
Ion Ratio Lower Upper

65 100

92 64.9 53.3 79.9

138 102.0 83.6 125.4

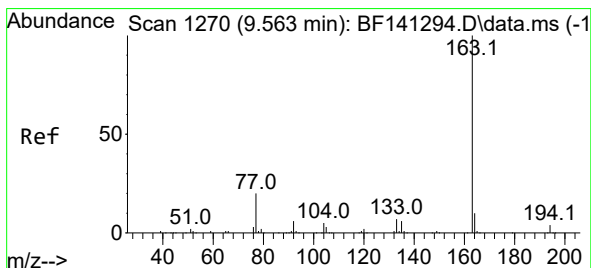
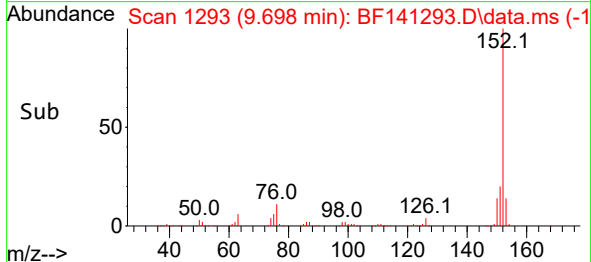
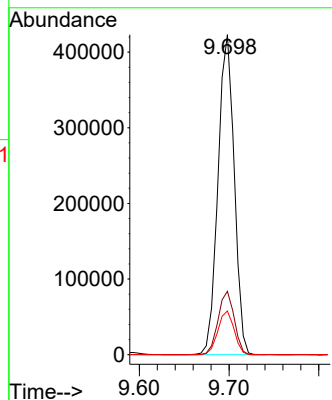
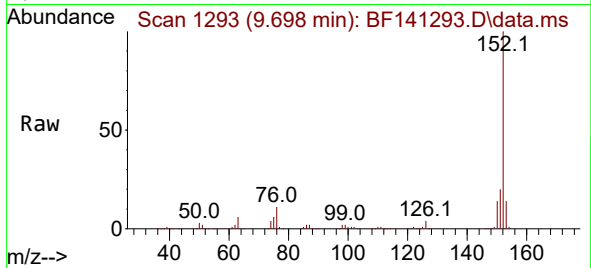




#49
Acenaphthylene
Concen: 21.330 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

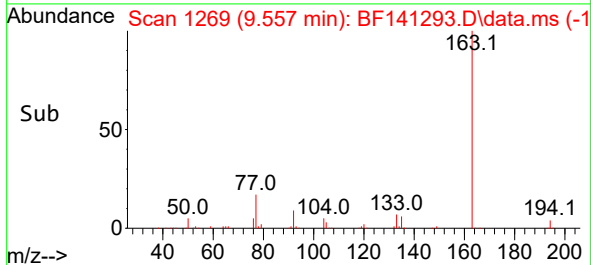
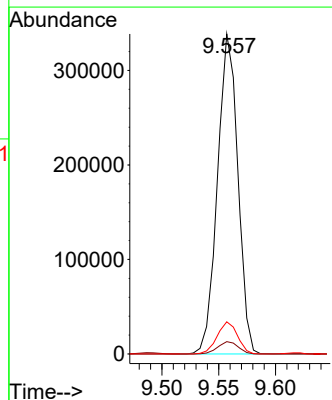
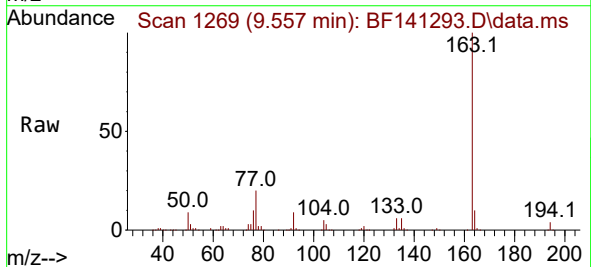
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

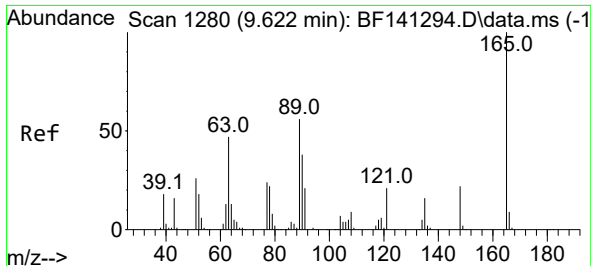
Tgt Ion:152 Resp: 531957
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.7 11.0 16.6



#50
Dimethylphthalate
Concen: 21.388 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:163 Resp: 423377
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.0 12.0

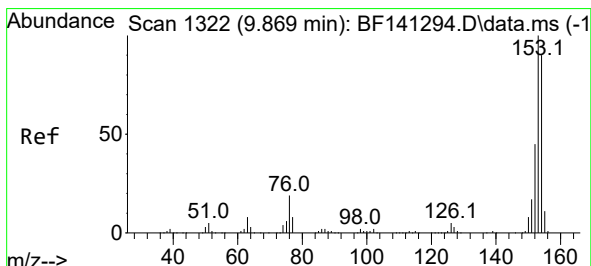
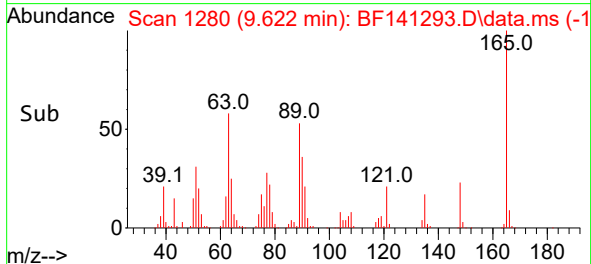
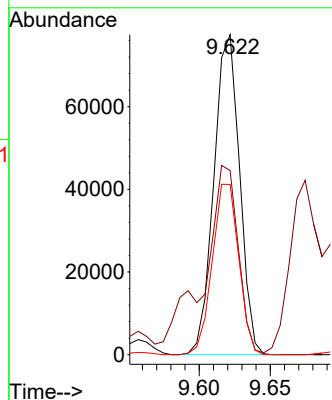
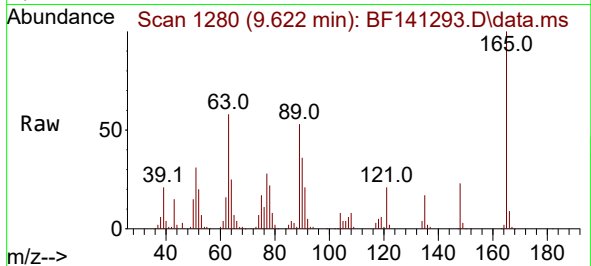




#51
2,6-Dinitrotoluene
Concen: 21.240 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

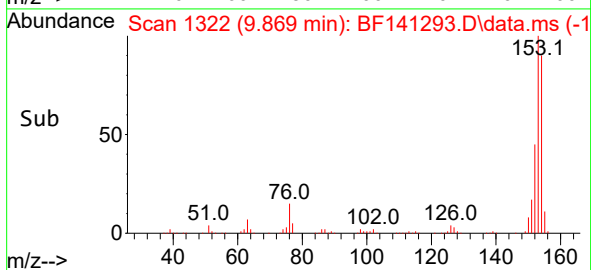
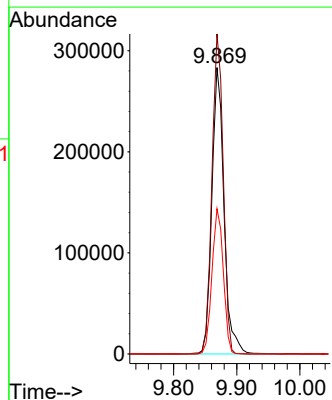
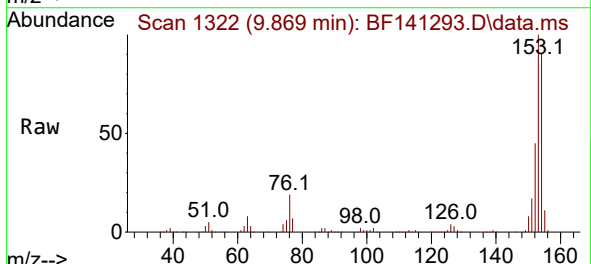
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

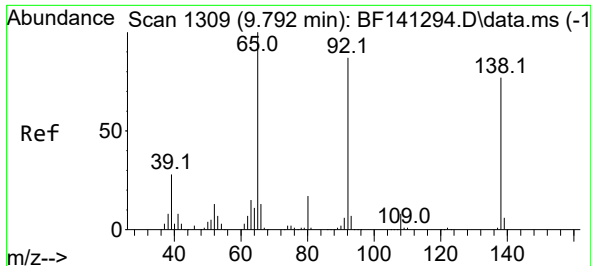
Tgt Ion:165 Resp: 97622
Ion Ratio Lower Upper
165 100
63 57.6 48.1 72.1
89 53.2 44.9 67.3



#52
Acenaphthene
Concen: 21.245 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:154 Resp: 378511
Ion Ratio Lower Upper
154 100
153 111.7 89.0 133.4
152 50.7 40.2 60.4

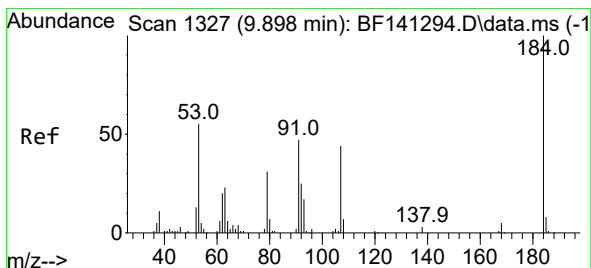
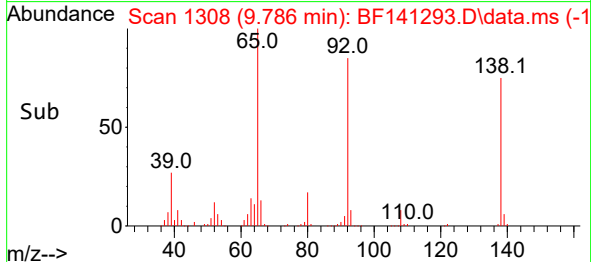
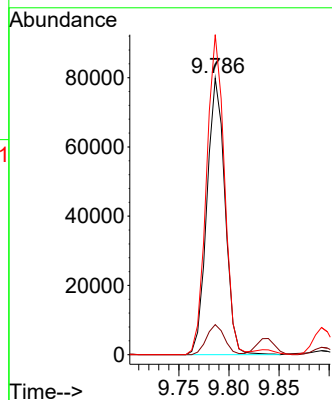
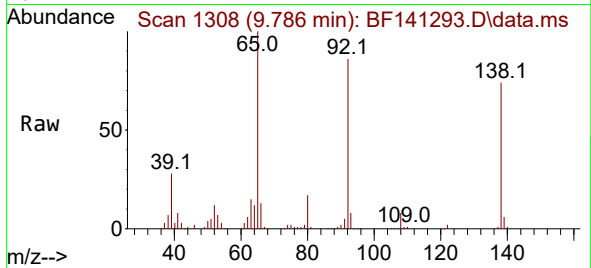




#53
3-Nitroaniline
Concen: 22.218 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

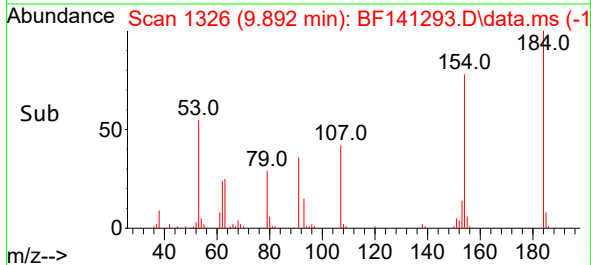
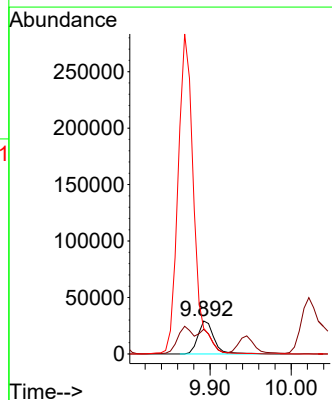
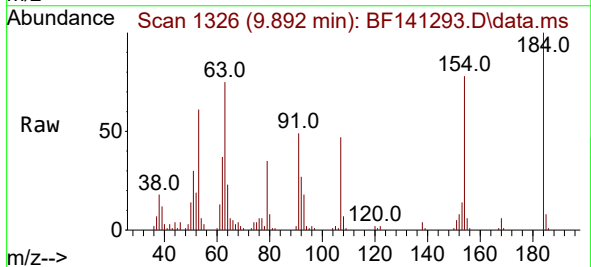
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

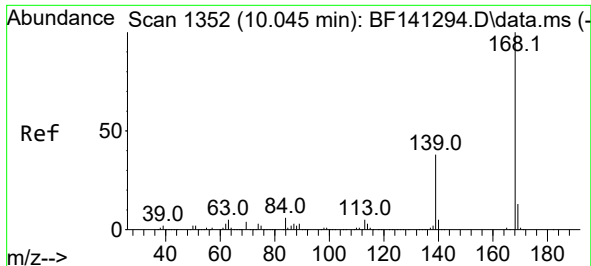
Tgt Ion:138 Resp: 100085
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 115.8 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 18.723 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:184 Resp: 40003
Ion Ratio Lower Upper
184 100
63 75.1 54.1 81.1
154 78.0 50.7 76.1#

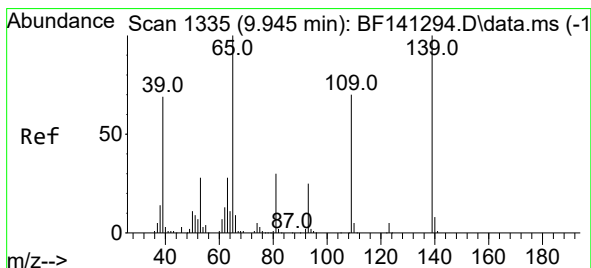
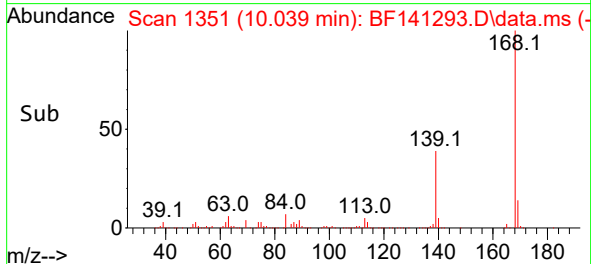
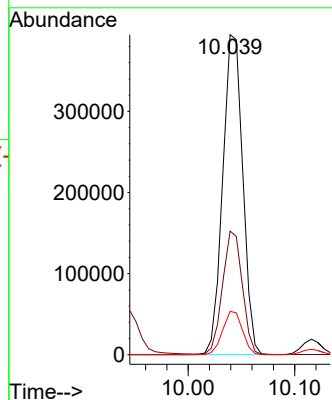
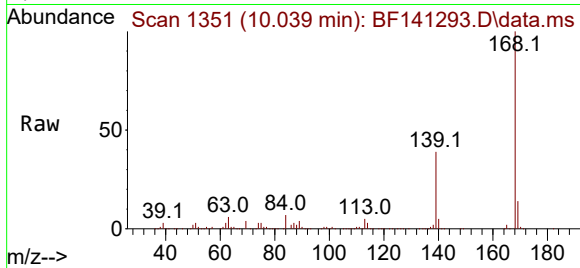




#55
Dibenzofuran
Concen: 21.562 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

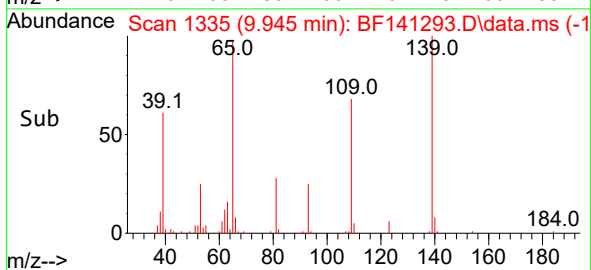
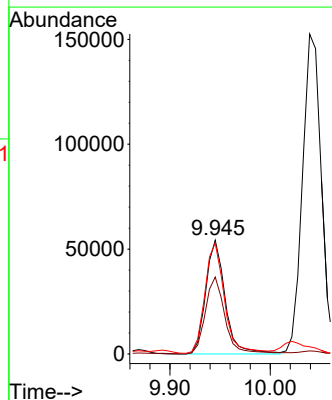
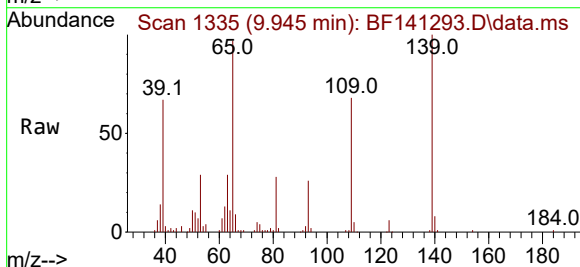
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

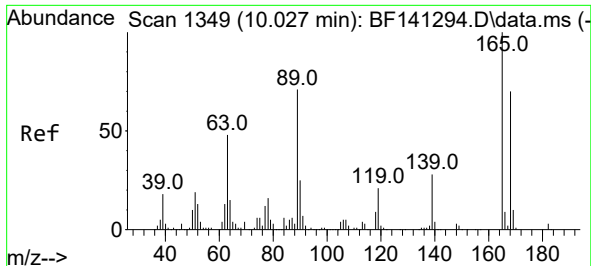
Tgt Ion:168 Resp: 514223
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 22.287 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:139 Resp: 73425
Ion Ratio Lower Upper
139 100
109 67.7 50.2 90.2
65 97.5 80.6 120.6

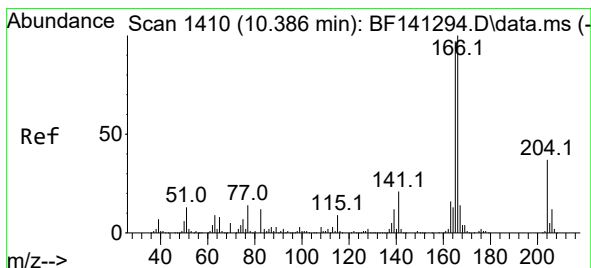
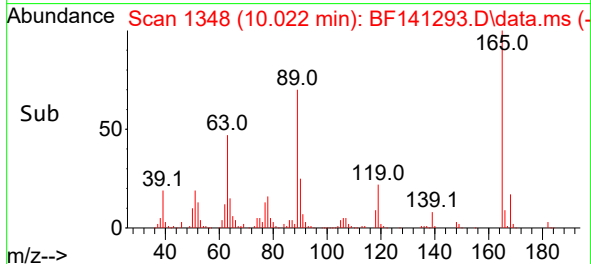
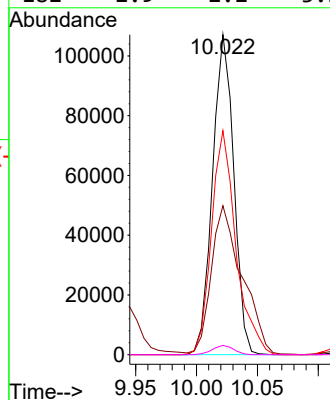
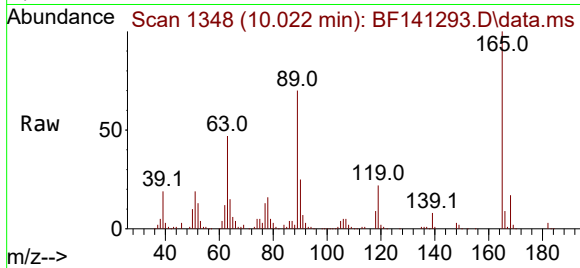




#57
2,4-Dinitrotoluene
Concen: 21.836 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

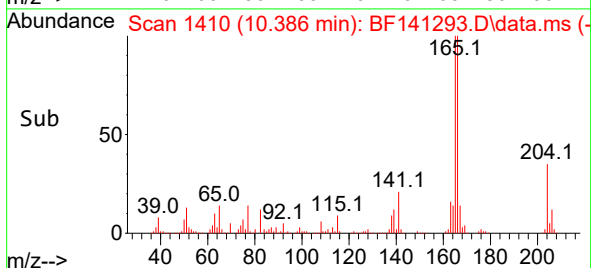
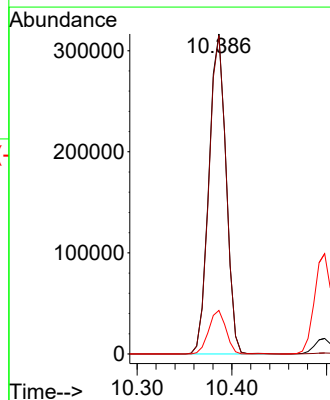
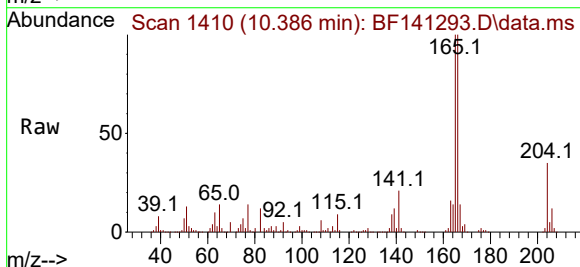
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

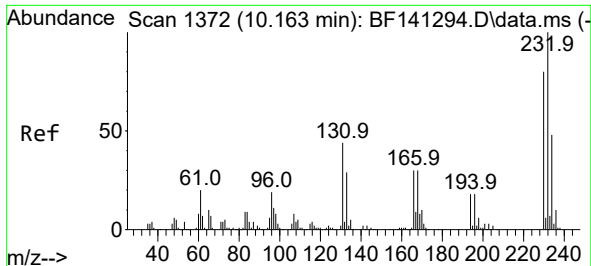
Tgt Ion:165 Resp: 129942
Ion Ratio Lower Upper
165 100
63 46.6 39.2 58.8
89 70.0 56.9 85.3
182 2.9 2.2 3.2



#58
Fluorene
Concen: 21.435 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:166 Resp: 396520
Ion Ratio Lower Upper
166 100
165 99.5 77.5 116.3
167 13.6 10.9 16.3

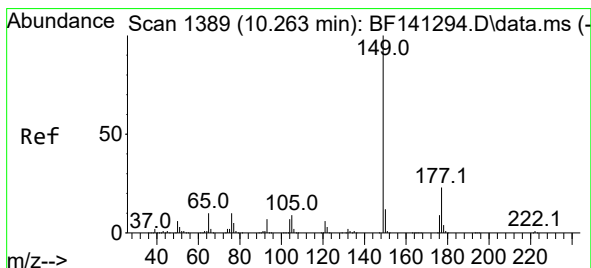
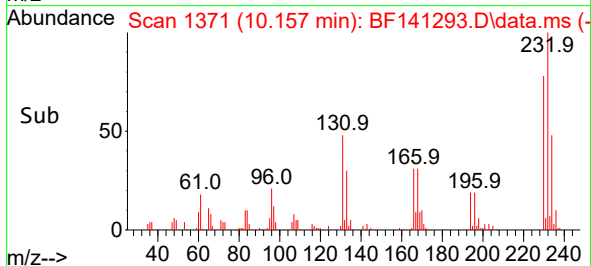
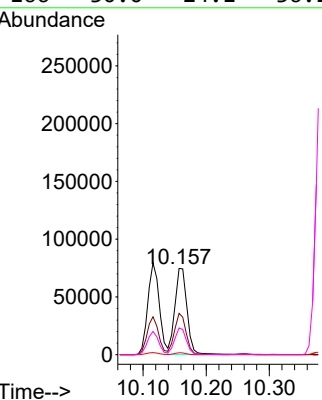
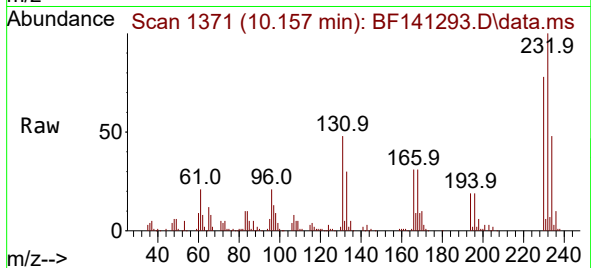




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.366 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

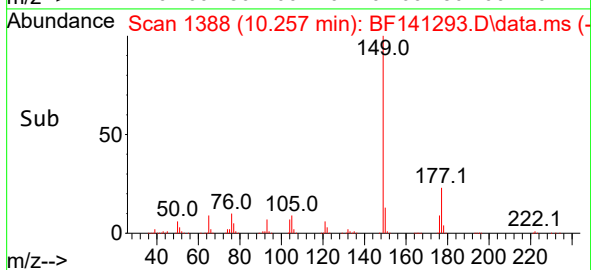
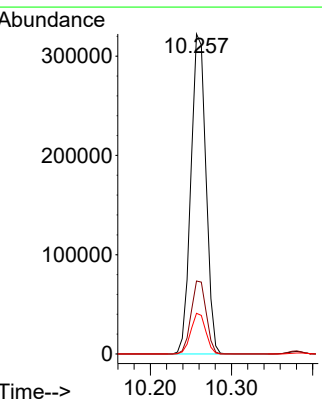
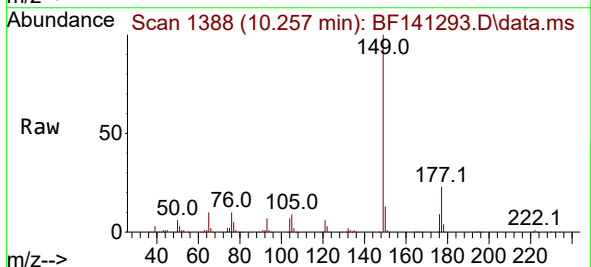
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

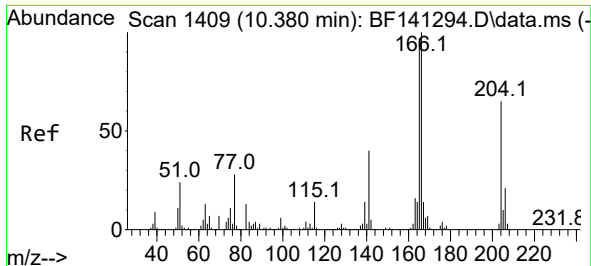
Tgt Ion:232 Resp: 99841
Ion Ratio Lower Upper
232 100
131 46.1 36.4 54.6
130 2.0 1.9 2.9
166 30.0 24.1 36.1



#60
Diethylphthalate
Concen: 21.564 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:149 Resp: 413889
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.7 10.0 15.0

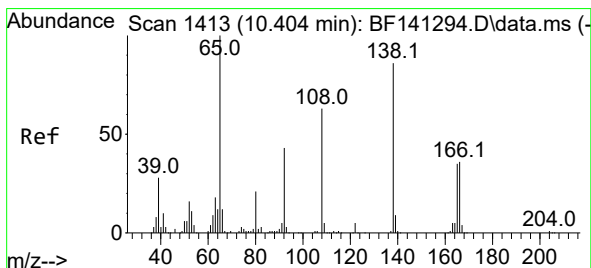
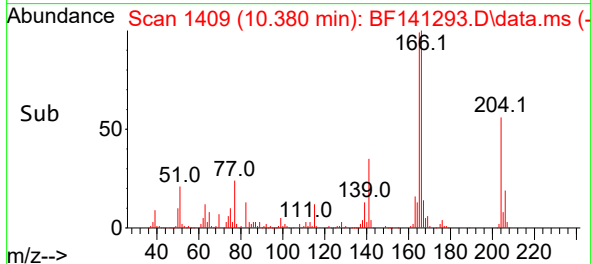
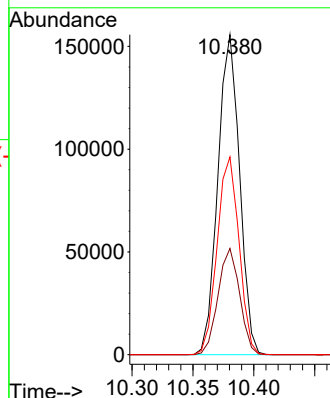
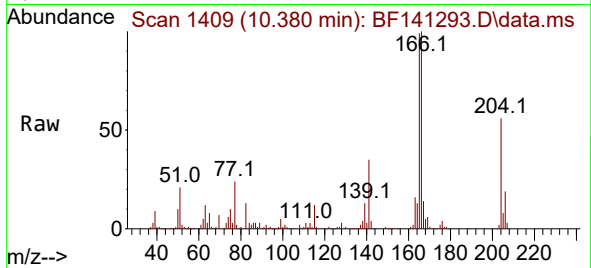




#61
4-Chlorophenyl-phenylether
Concen: 21.374 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

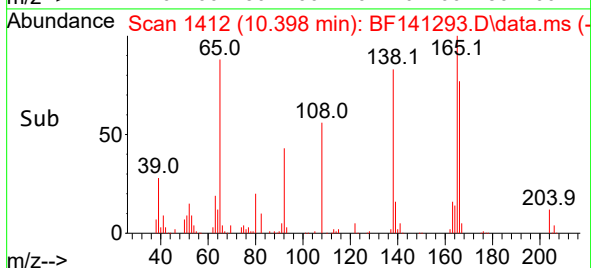
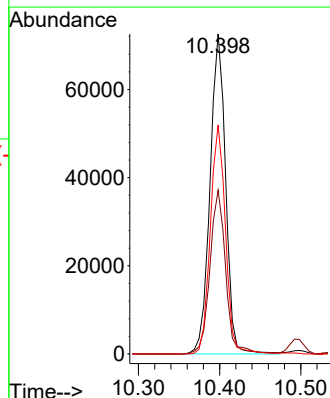
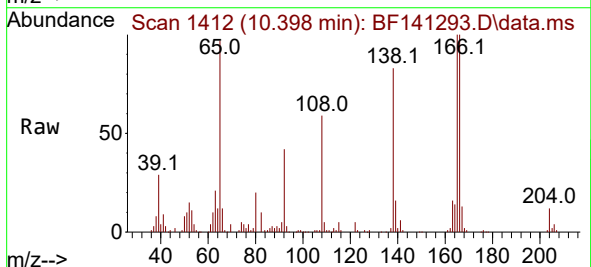
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

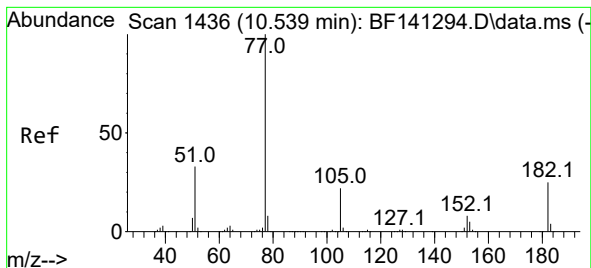
Tgt Ion:204 Resp: 193134
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 61.8 49.5 74.3



#62
4-Nitroaniline
Concen: 21.833 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:138 Resp: 96692
Ion Ratio Lower Upper
138 100
92 51.2 30.1 70.1
108 71.5 53.1 93.1





#63

Azobenzene

Concen: 21.210 ng

RT: 10.539 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 407492

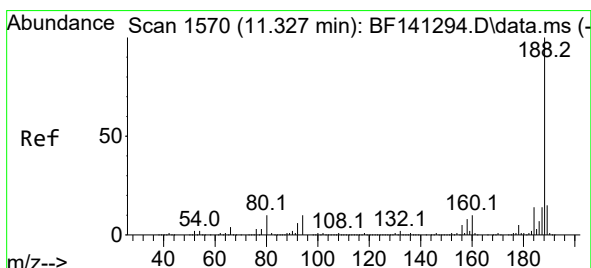
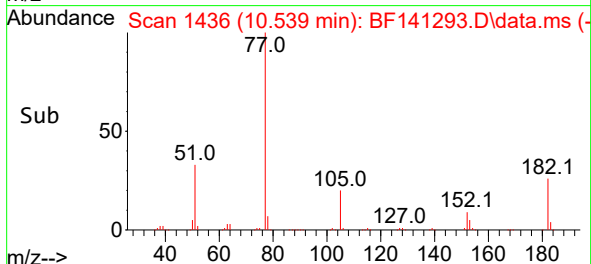
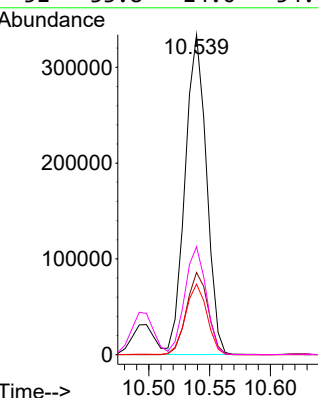
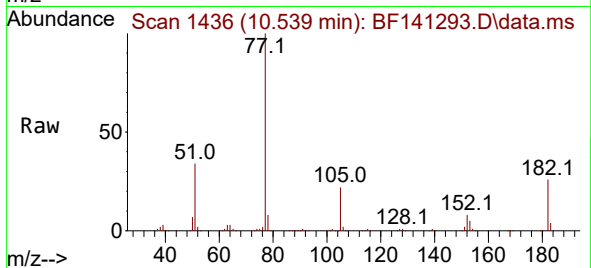
Ion Ratio Lower Upper

77 100

182 25.7 5.1 45.1

105 22.1 1.8 41.8

51 33.8 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

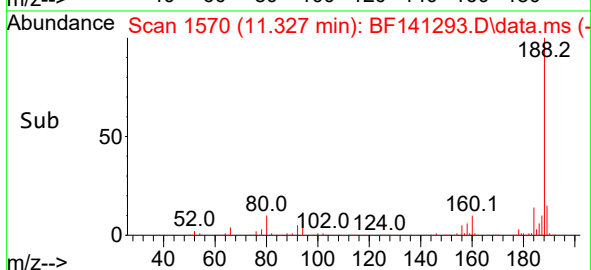
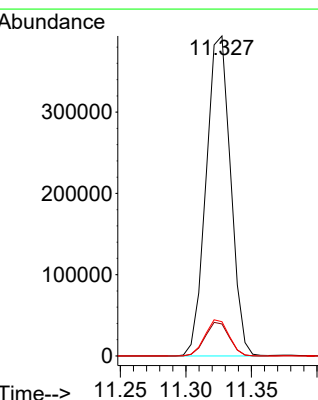
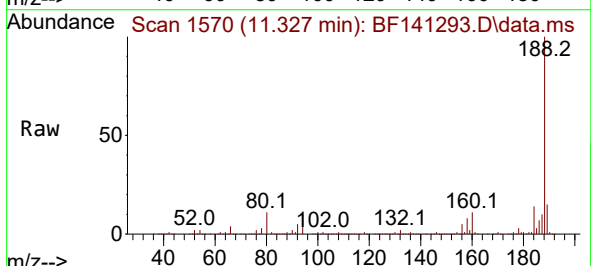
Tgt Ion:188 Resp: 511320

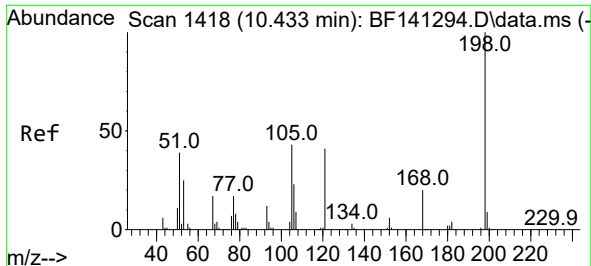
Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

80 10.7 8.2 12.4

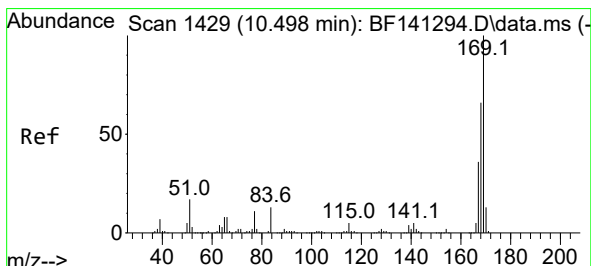
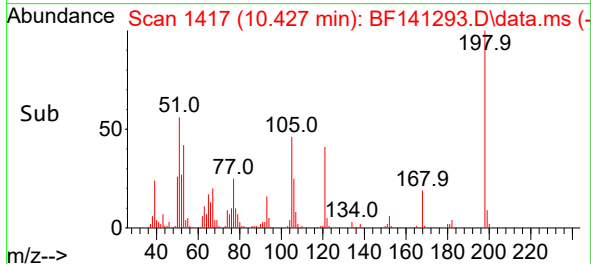
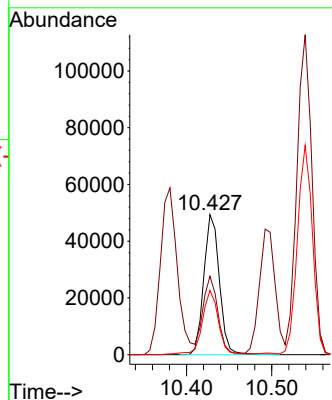
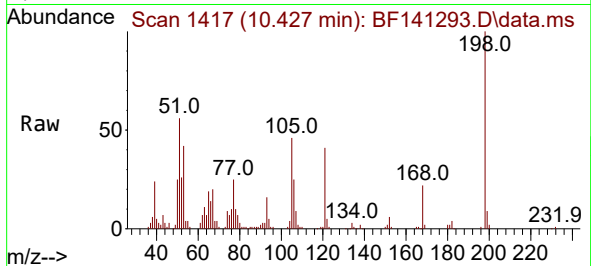




#65
4,6-Dinitro-2-methylphenol
Concen: 20.689 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

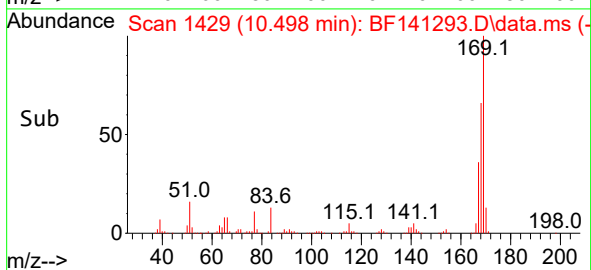
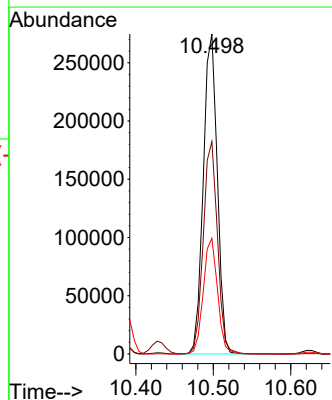
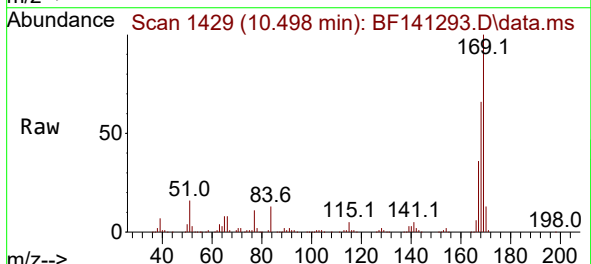
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

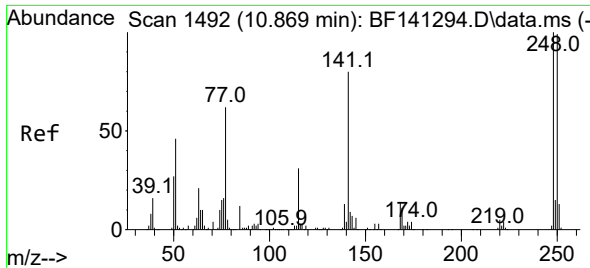
Tgt Ion:198 Resp: 62572
Ion Ratio Lower Upper
198 100
51 56.0 33.4 73.4
105 45.9 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 20.824 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:169 Resp: 344387
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.4
167 36.1 28.8 43.2

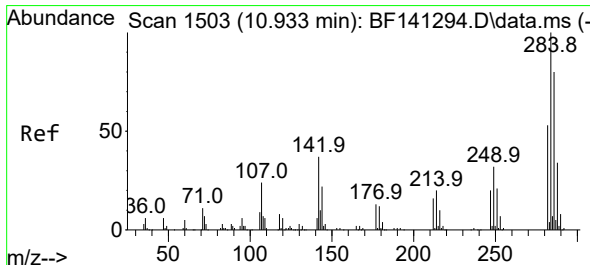
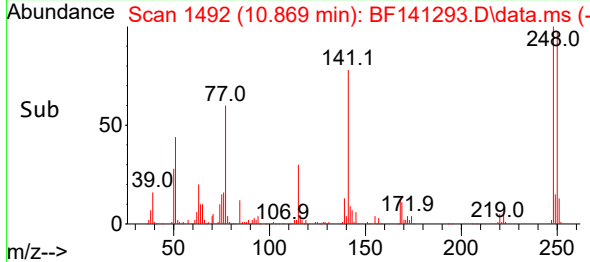
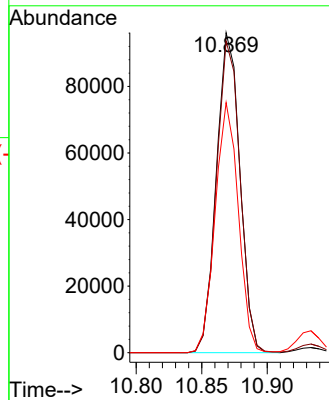
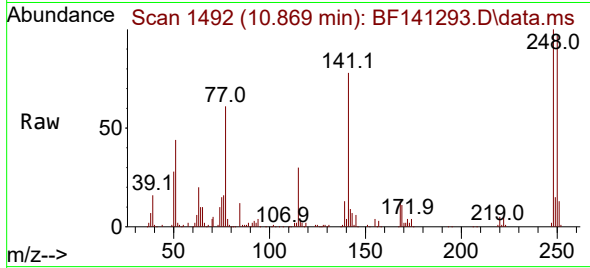




#67
4-Bromophenyl-phenylether
Concen: 20.936 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

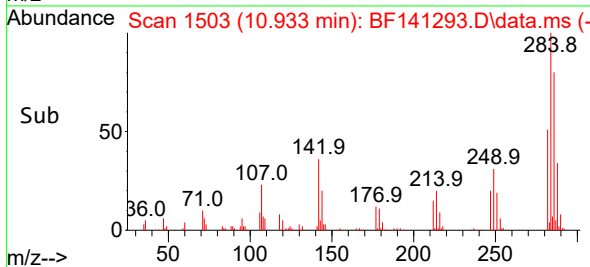
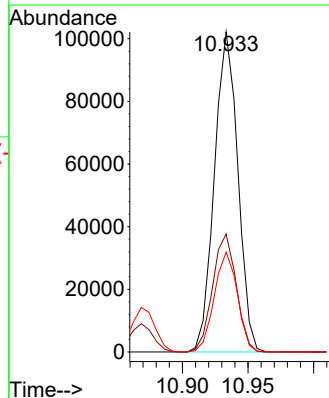
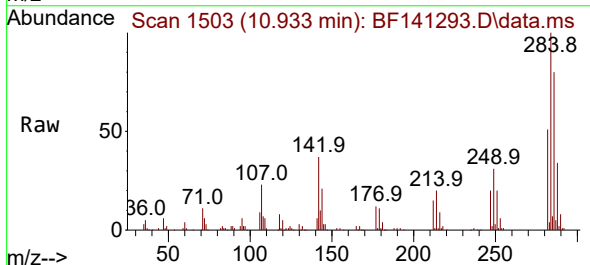
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

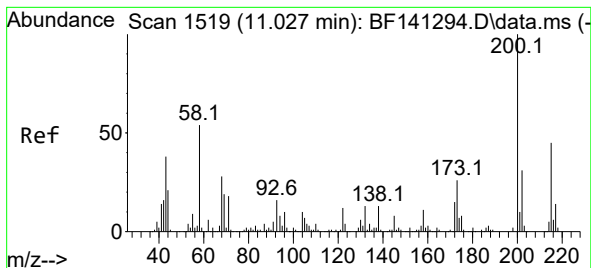
Tgt Ion:248 Resp: 119844
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.4
141 78.1 63.7 95.5



#68
Hexachlorobenzene
Concen: 20.886 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:284 Resp: 126823
Ion Ratio Lower Upper
284 100
142 36.8 29.5 44.3
249 31.2 25.4 38.2





#69

Atrazine

Concen: 19.737 ng

RT: 11.022 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

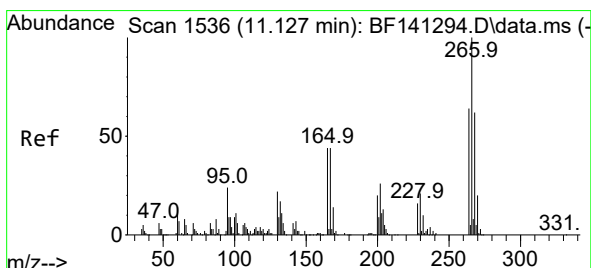
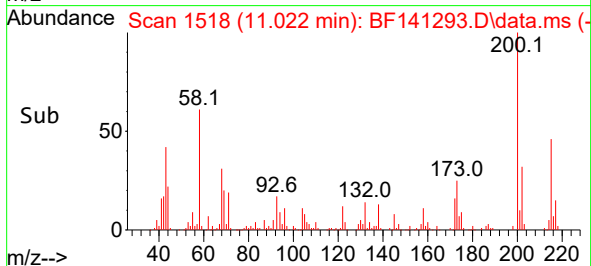
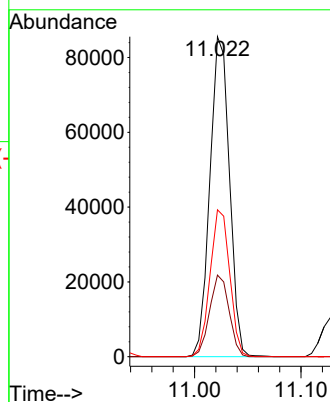
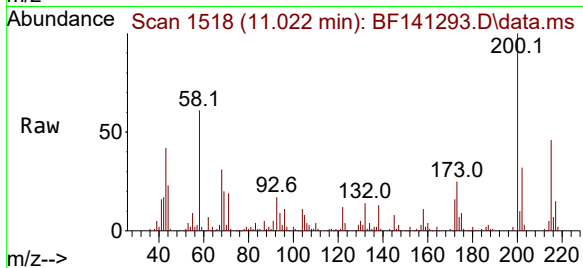
Tgt Ion:200 Resp: 109133

Ion Ratio Lower Upper

200 100

173 25.5 5.9 45.9

215 45.9 25.2 65.2



#70

Pentachlorophenol

Concen: 20.954 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

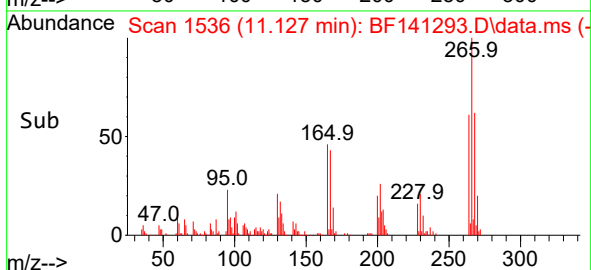
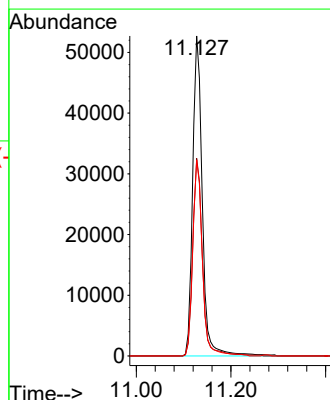
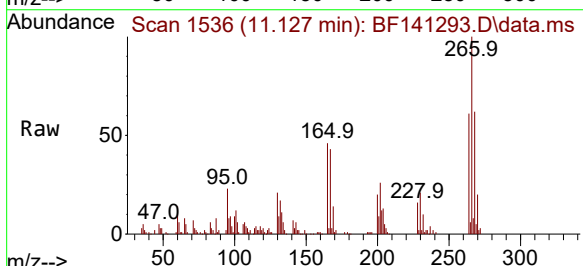
Tgt Ion:266 Resp: 74508

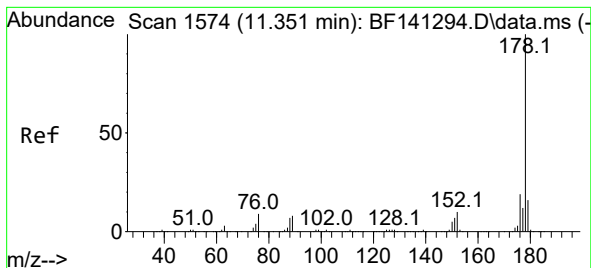
Ion Ratio Lower Upper

266 100

268 61.8 49.9 74.9

264 61.2 51.0 76.4

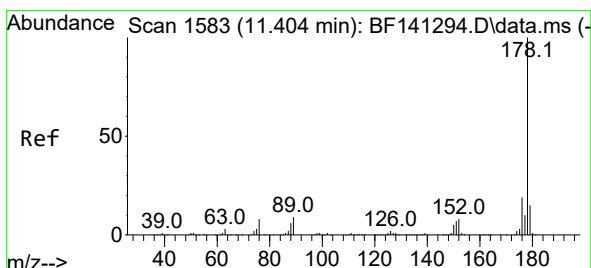
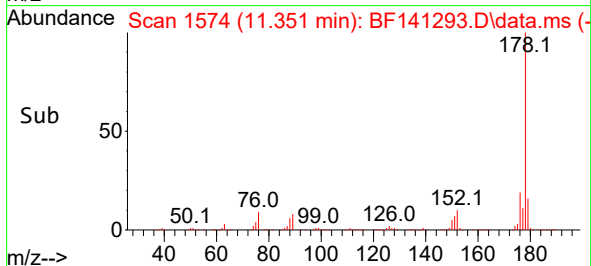
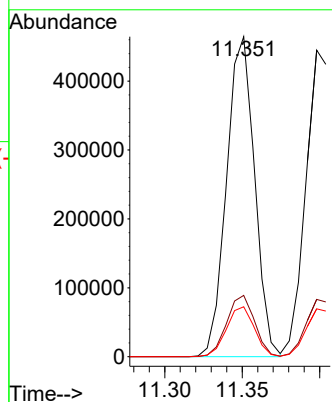
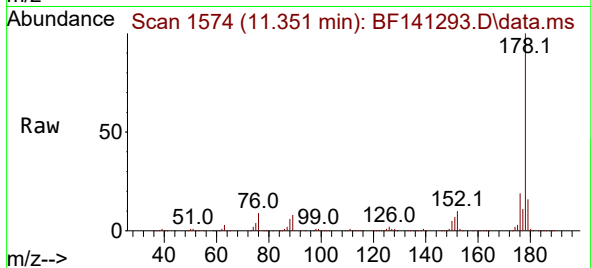




#71
Phenanthrene
Concen: 21.249 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

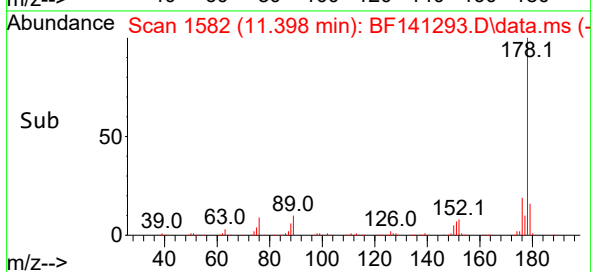
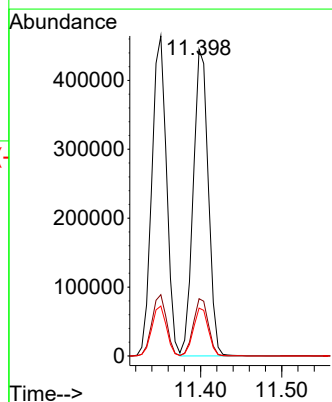
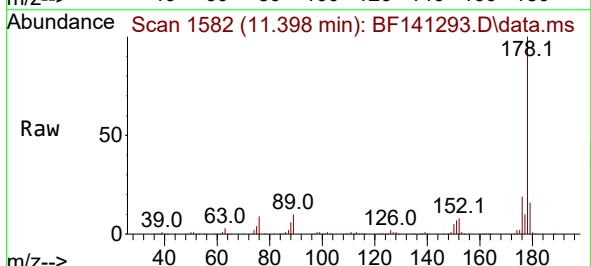
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

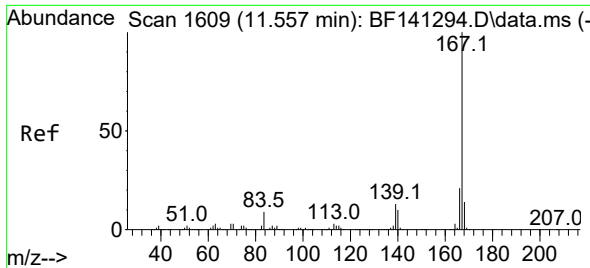
Tgt Ion:178 Resp: 584027
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 21.267 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:178 Resp: 572743
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.3 18.5

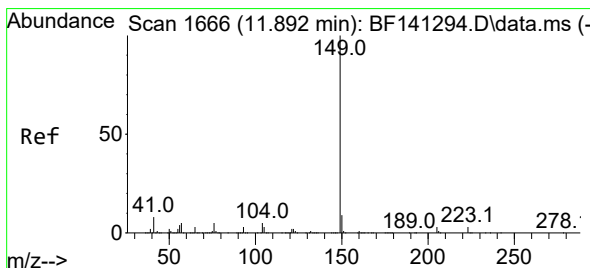
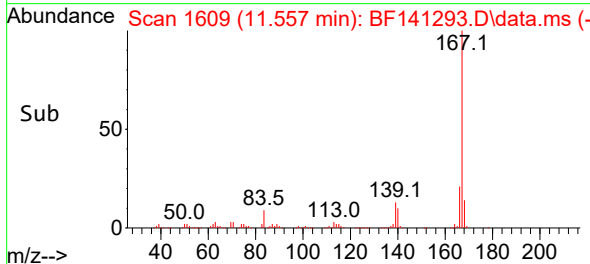
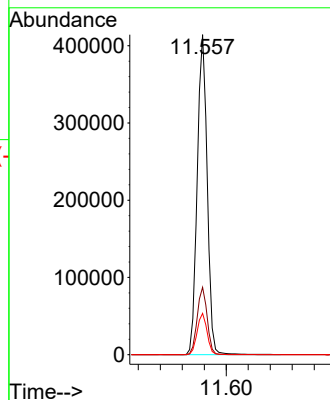
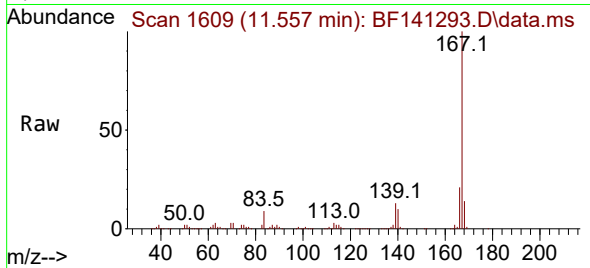




#73
 Carbazole
 Concen: 21.863 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141293.D
 Acq: 29 Jan 2025 15:17

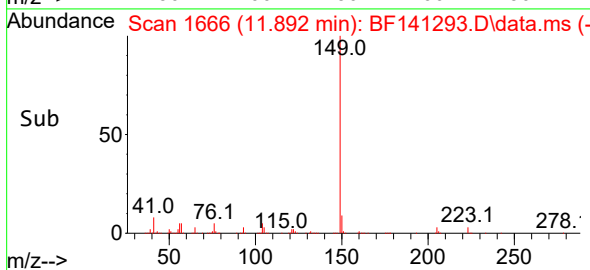
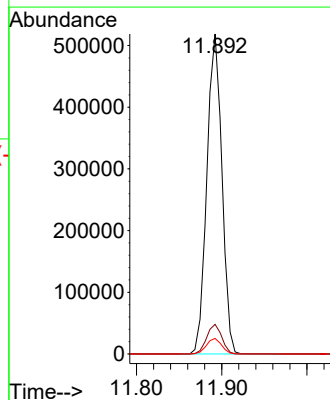
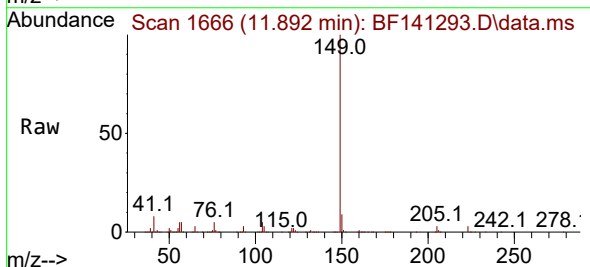
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

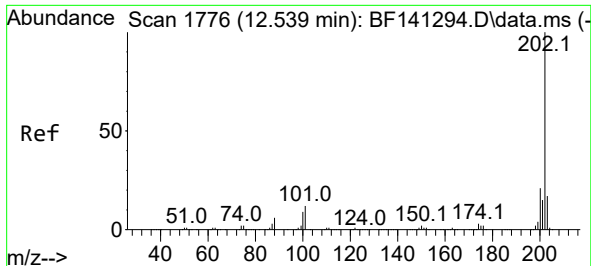
Tgt Ion:167 Resp: 522100
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 21.994 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141293.D
 Acq: 29 Jan 2025 15:17

Tgt Ion:149 Resp: 636521
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.8 3.9 5.9

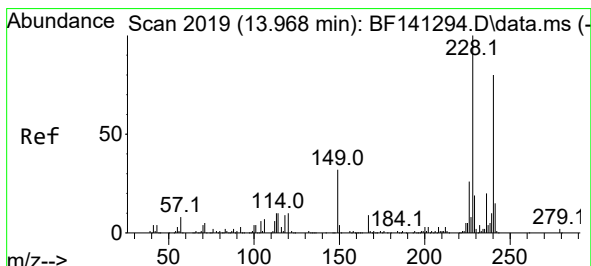
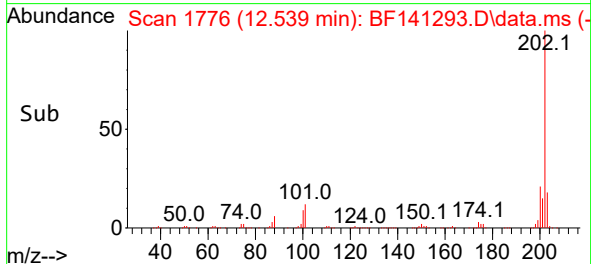
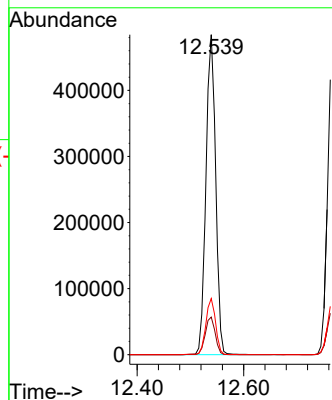
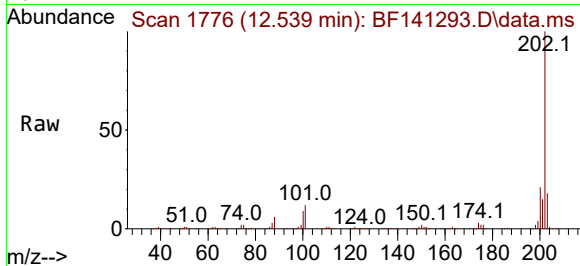




#75
Fluoranthene
Concen: 22.532 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

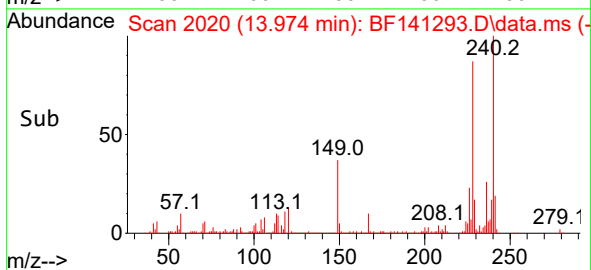
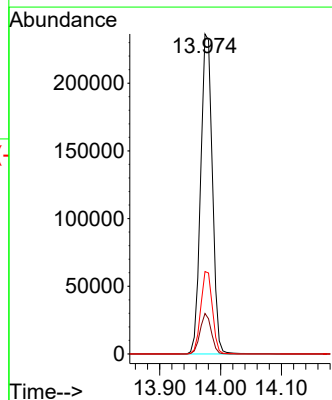
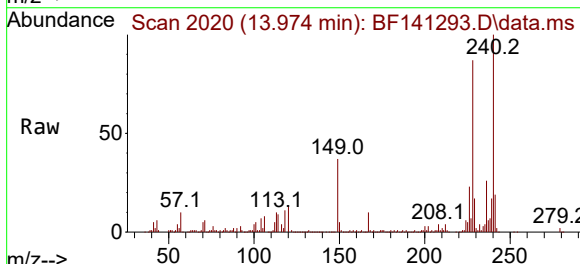
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

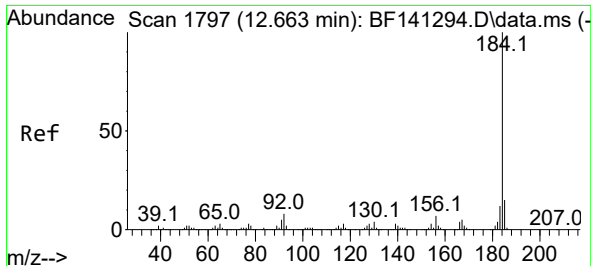
Tgt Ion:202 Resp: 611492
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:240 Resp: 314234
Ion Ratio Lower Upper
240 100
120 12.7 10.0 15.0
236 25.8 19.7 29.5

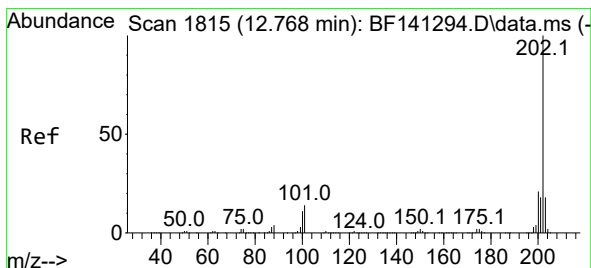
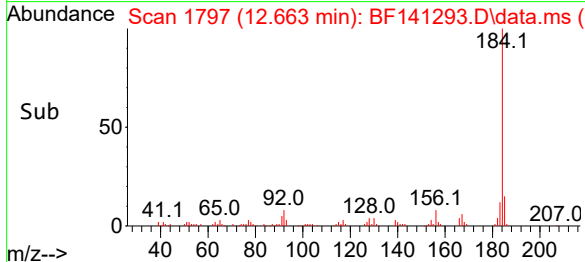
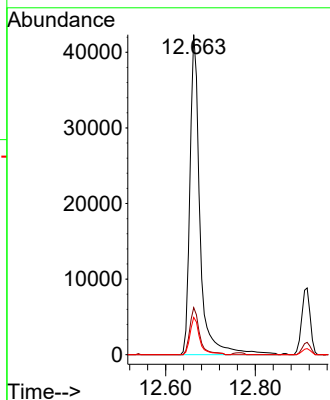
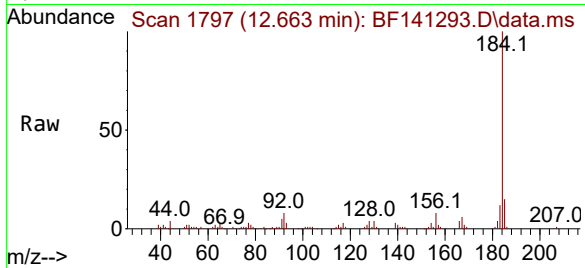




#77
Benzidine
Concen: 6.548 ng
RT: 12.663 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

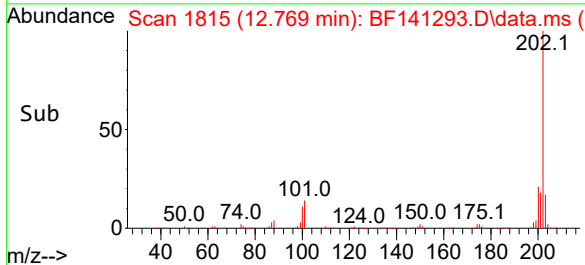
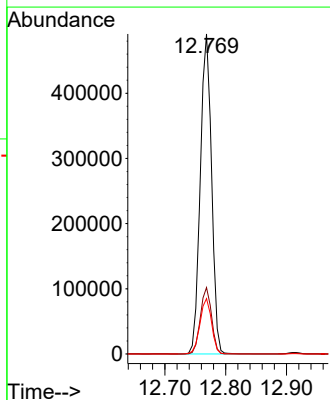
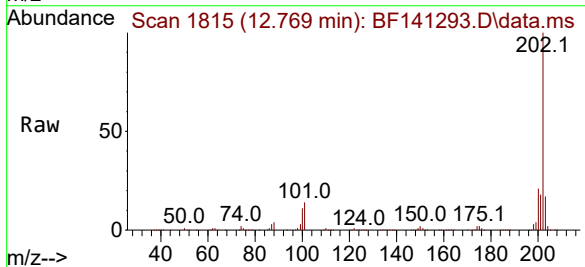
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

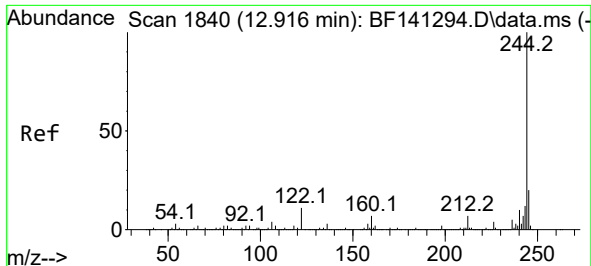
Tgt Ion:184 Resp: 65963
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.7 9.5 14.3



#78
Pyrene
Concen: 20.861 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

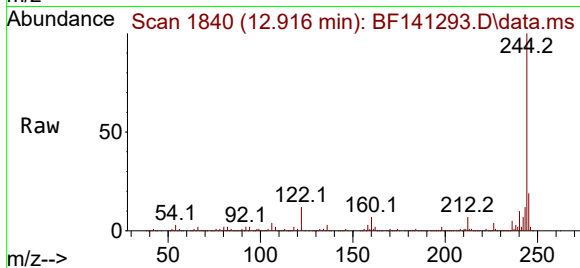
Tgt Ion:202 Resp: 629228
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 17.3 14.3 21.5



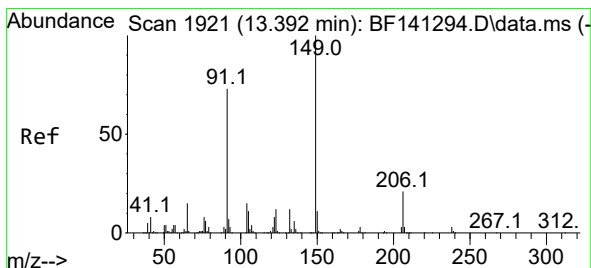
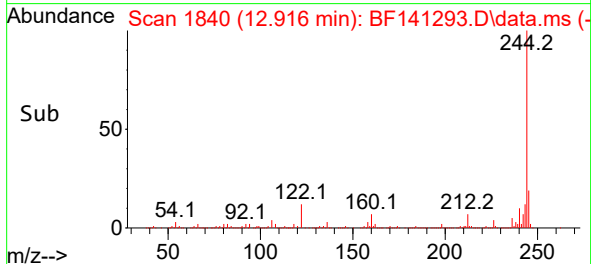
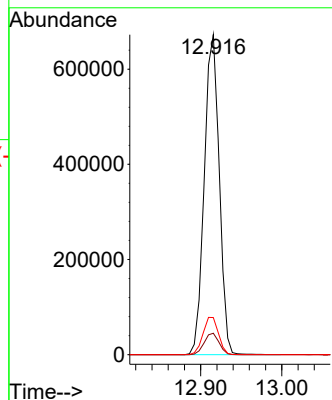


#79
 Terphenyl-d14
 Concen: 42.254 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141293.D
 Acq: 29 Jan 2025 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

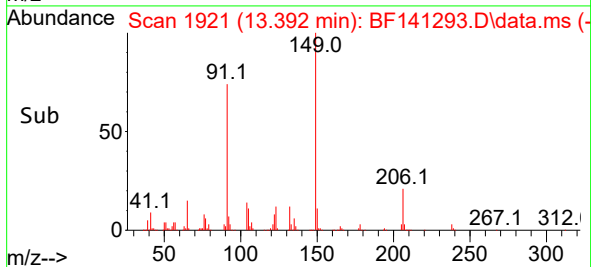
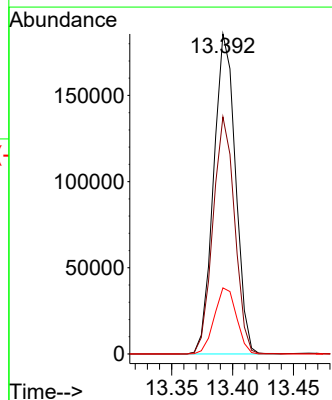
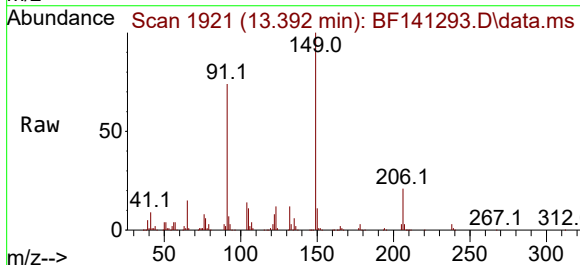


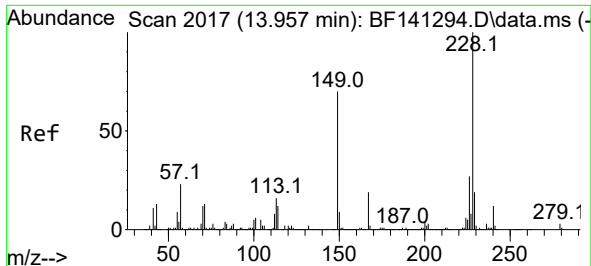
Tgt Ion:244 Resp: 860956
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.6 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 22.025 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141293.D
 Acq: 29 Jan 2025 15:17

Tgt Ion:149 Resp: 232095
 Ion Ratio Lower Upper
 149 100
 91 74.1 58.6 87.8
 206 20.7 16.7 25.1

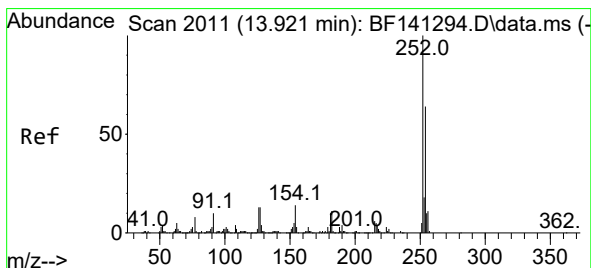
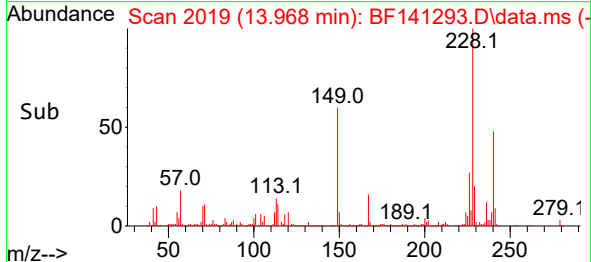
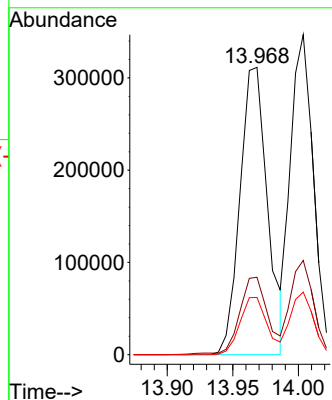
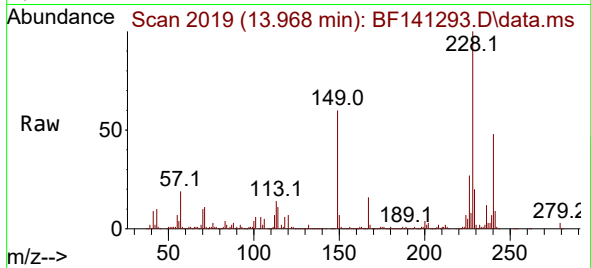




#81
Benzo(a)anthracene
Concen: 21.054 ng
RT: 13.968 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

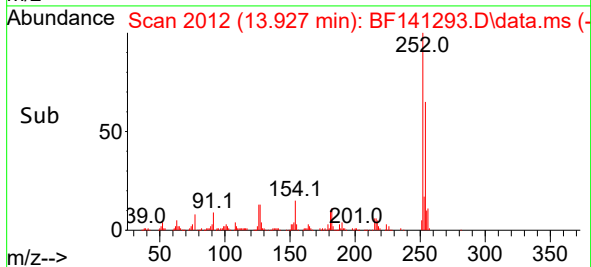
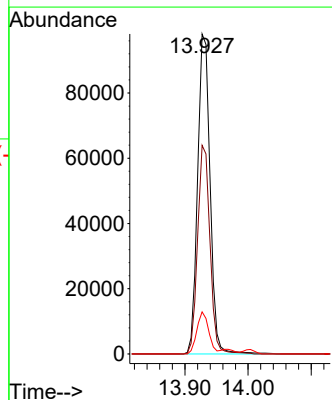
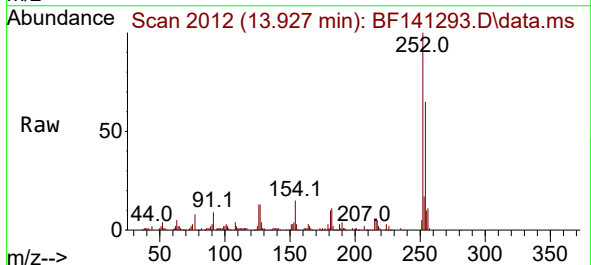
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

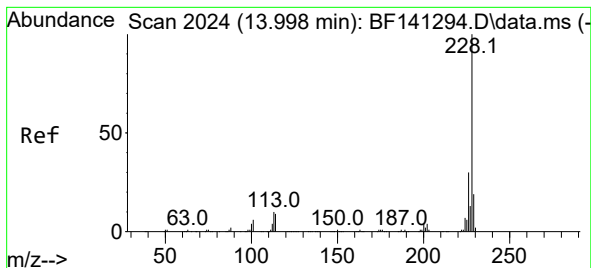
Tgt Ion:228 Resp: 456535
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 19.473 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:252 Resp: 134298
Ion Ratio Lower Upper
252 100
254 65.2 51.3 76.9
126 13.2 10.0 15.0





#83

Chrysene

Concen: 21.228 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

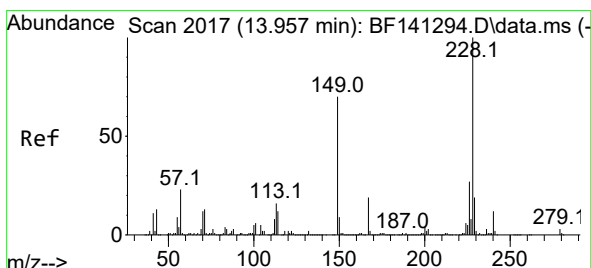
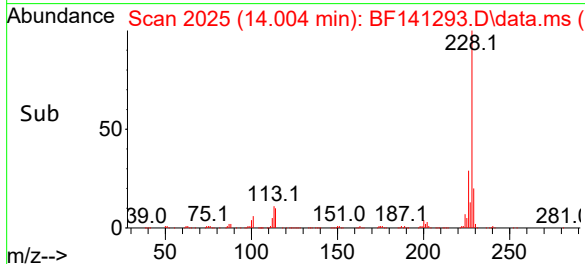
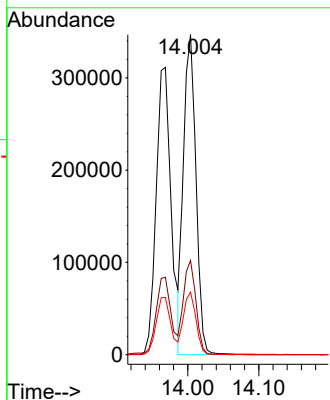
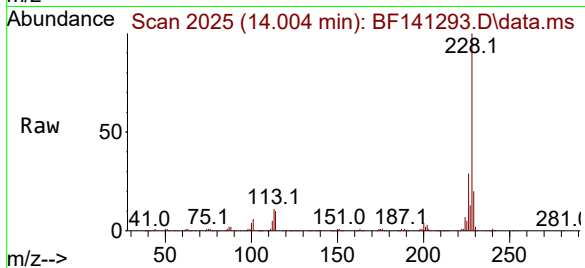
Tgt Ion:228 Resp: 421849

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.483 ng

RT: 13.963 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

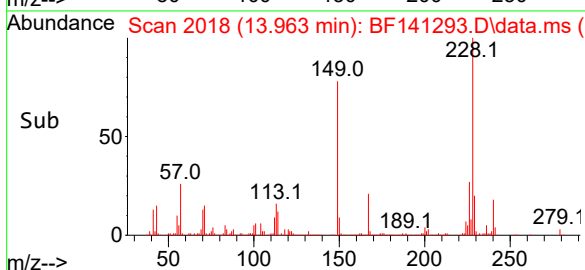
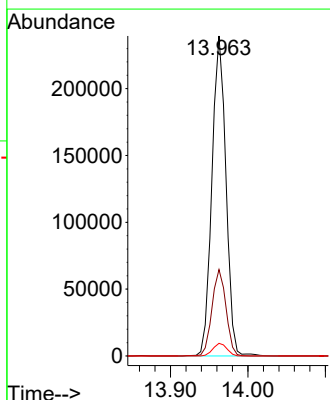
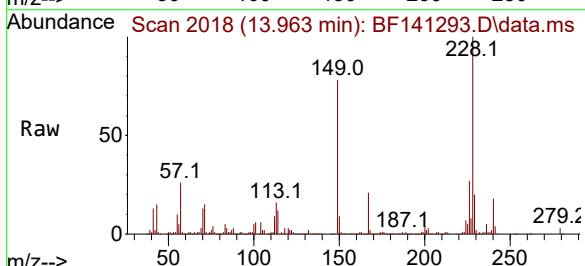
Tgt Ion:149 Resp: 300546

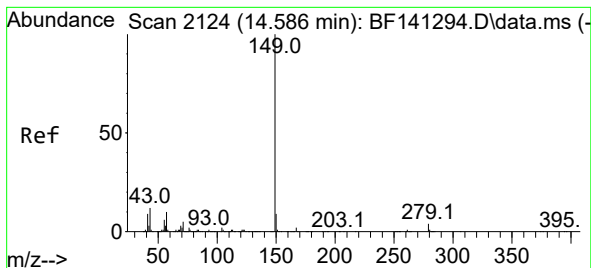
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 21.758 ng

RT: 14.604 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

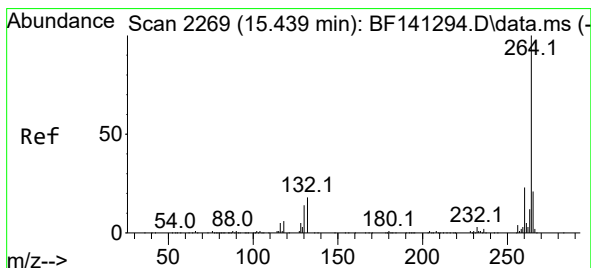
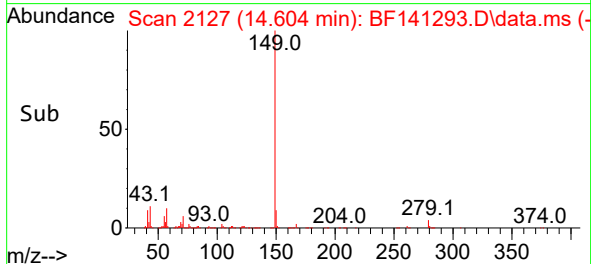
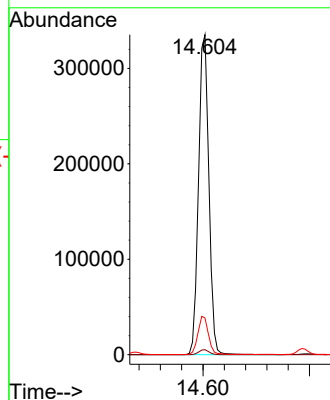
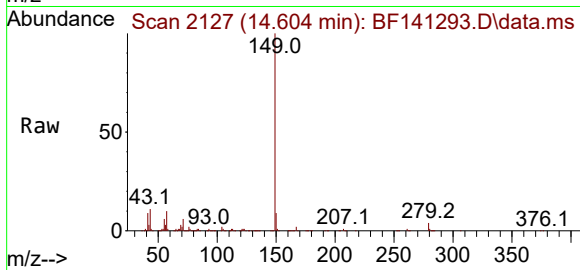
Tgt Ion:149 Resp: 451748

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.4 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.018 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

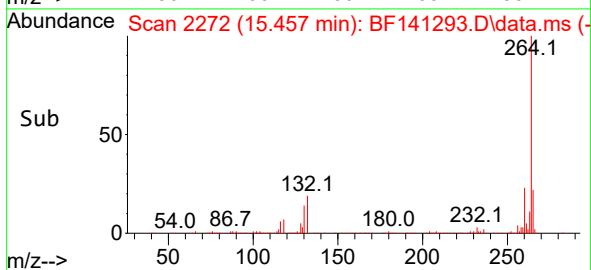
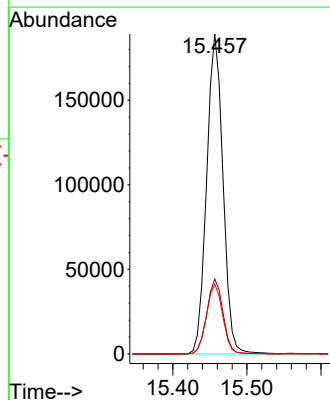
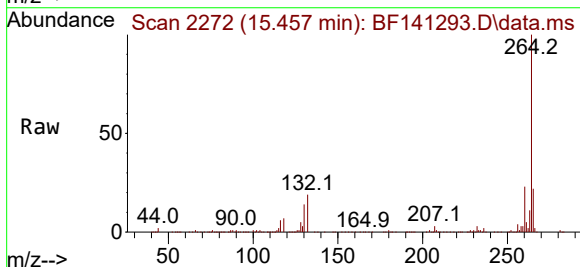
Tgt Ion:264 Resp: 289582

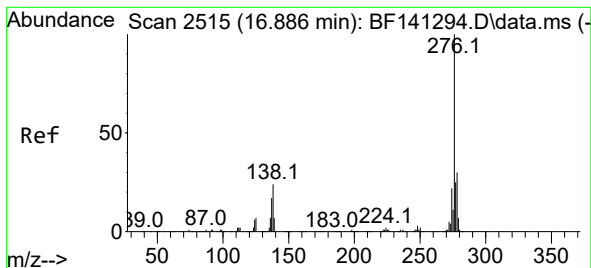
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.711 ng

RT: 16.909 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

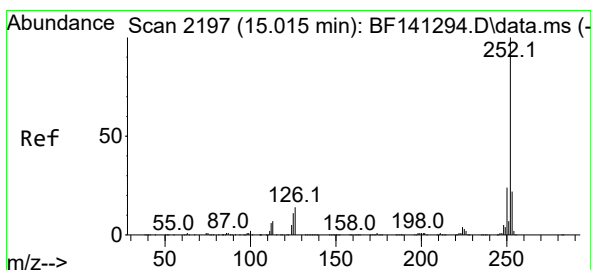
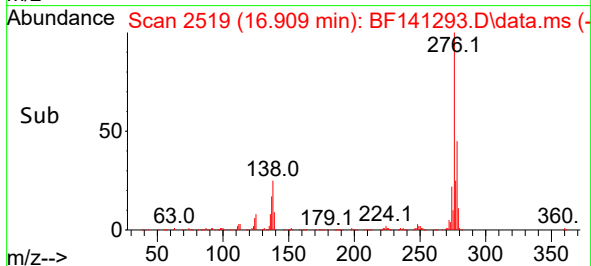
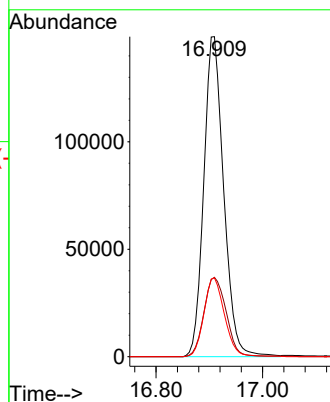
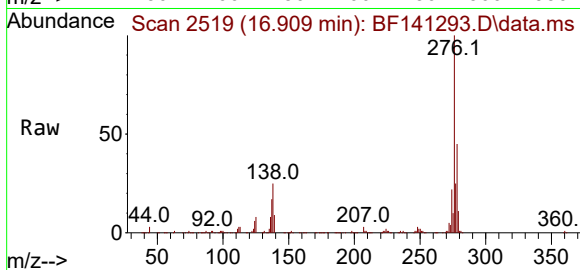
Tgt Ion:276 Resp: 387089

Ion Ratio Lower Upper

276 100

138 27.6 21.7 32.5

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 21.112 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

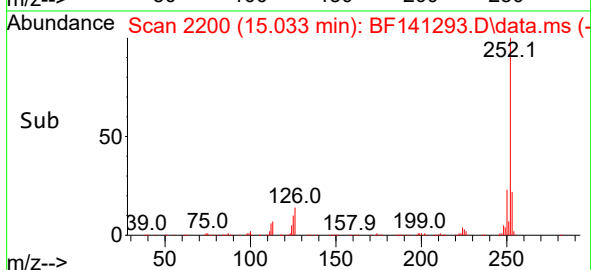
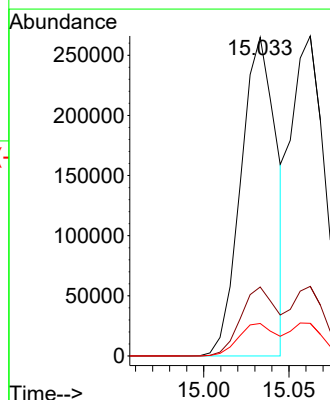
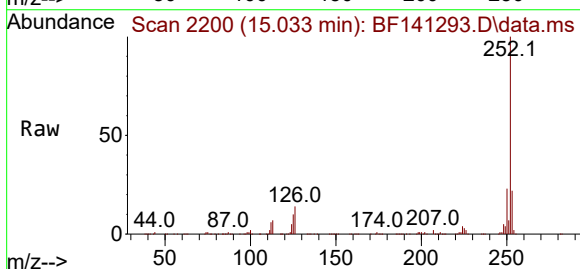
Tgt Ion:252 Resp: 384557

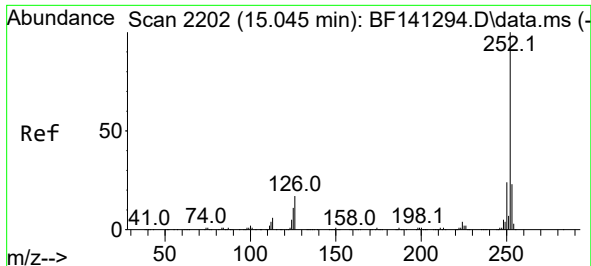
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.2 8.6 12.8

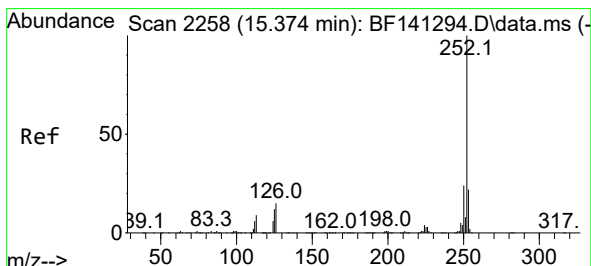
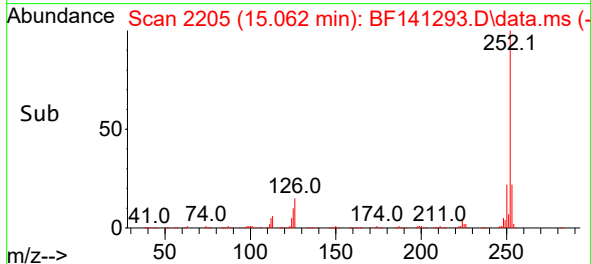
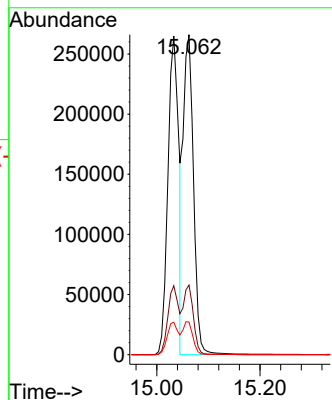
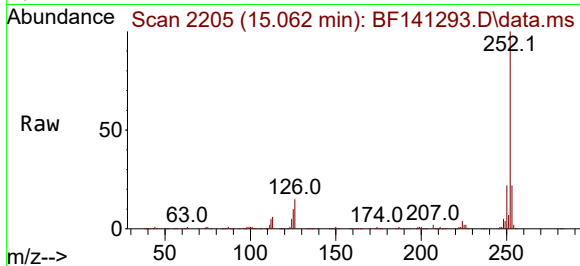




#89
Benzo(k)fluoranthene
Concen: 22.855 ng
RT: 15.062 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

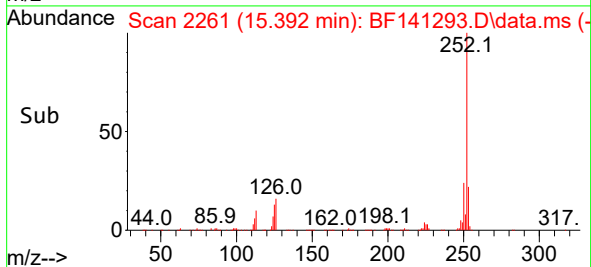
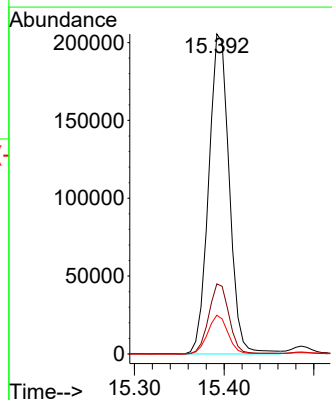
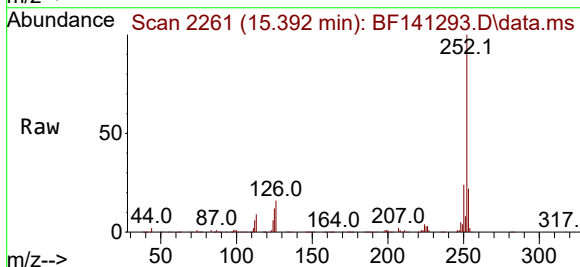
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

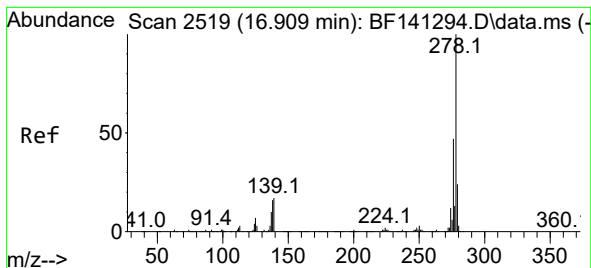
Tgt Ion:252 Resp: 368801
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.2 8.4 12.6



#90
Benzo(a)pyrene
Concen: 21.284 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:252 Resp: 327630
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 12.1 9.4 14.2

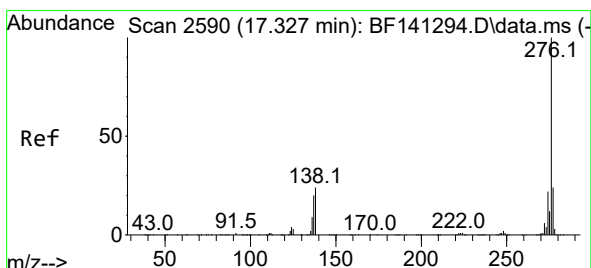
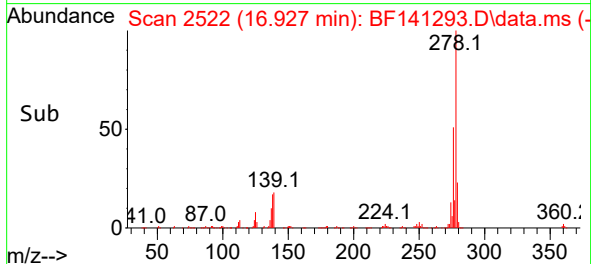
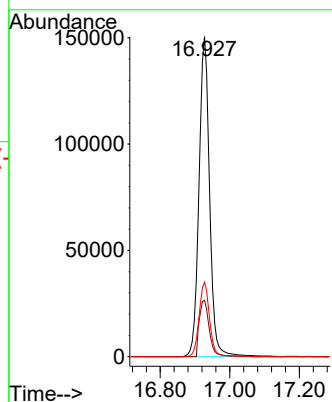
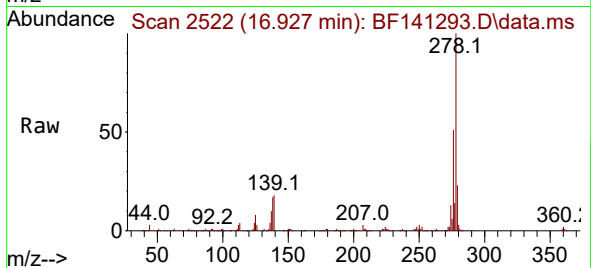




#91
Dibenzo(a,h)anthracene
Concen: 21.199 ng
RT: 16.927 min Scan# 2519
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

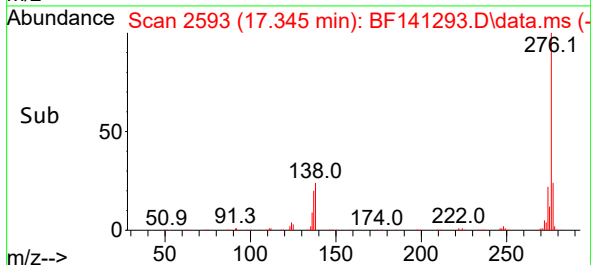
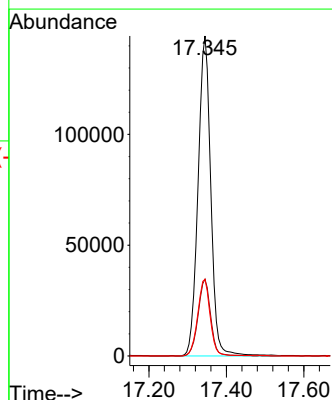
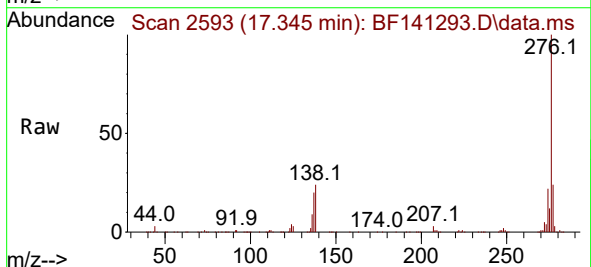
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 318776
Ion Ratio Lower Upper
278 100
139 17.7 13.9 20.9
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 21.098 ng
RT: 17.345 min Scan# 2593
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:276 Resp: 329876
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 23.9 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141295.D
 Acq On : 29 Jan 2025 16:11
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Jan 30 04:15:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	130633	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	511843	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	269662	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	442506	20.000	ng	0.00
76) Chrysene-d12	13.968	240	226571	20.000	ng	0.00
86) Perylene-d12	15.439	264	272084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	827672	97.268	ng	0.00
7) Phenol-d6	6.428	99	1052381	97.220	ng	-0.01
23) Nitrobenzene-d5	7.369	82	955368	98.397	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	235884	95.415	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1620825	92.514	ng	0.00
79) Terphenyl-d14	12.916	244	1402103	95.436	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	187460	50.092	ng	98
3) Pyridine	3.222	79	455306	50.496	ng	100
4) n-Nitrosodimethylamine	3.181	42	262083	50.881	ng	100
6) Aniline	6.463	93	458390	50.026	ng	97
8) 2-Chlorophenol	6.587	128	441862	48.448	ng	98
9) Benzaldehyde	6.351	77	281326	44.868	ng	98
10) Phenol	6.445	94	553844	48.266	ng	95
11) bis(2-Chloroethyl)ether	6.539	93	424248	48.220	ng	98
12) 1,3-Dichlorobenzene	6.739	146	489386	48.666	ng	100
13) 1,4-Dichlorobenzene	6.816	146	490392	48.542	ng	99
14) 1,2-Dichlorobenzene	6.975	146	454569	48.053	ng	99
15) Benzyl Alcohol	6.939	79	371274	50.189	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	749938	49.018	ng	99
17) 2-Methylphenol	7.051	107	361469	48.765	ng	99
18) Hexachloroethane	7.310	117	182933	49.085	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	305749	47.535	ng	98
20) 3+4-Methylphenols	7.210	107	434743	47.767	ng	94
22) Acetophenone	7.210	105	574700	47.236	ng	# 97
24) Nitrobenzene	7.386	77	492082	48.906	ng	98
25) Isophorone	7.622	82	818496	48.768	ng	99
26) 2-Nitrophenol	7.698	139	242228	51.045	ng	99
27) 2,4-Dimethylphenol	7.734	122	283877	46.999	ng	99
28) bis(2-Chloroethoxy)met...	7.833	93	518825	48.463	ng	99
29) 2,4-Dichlorophenol	7.939	162	363275	49.129	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	406562	48.145	ng	100
31) Naphthalene	8.104	128	1304758	48.254	ng	100
32) Benzoic acid	7.857	122	308525	55.565	ng	99
33) 4-Chloroaniline	8.151	127	449543	49.028	ng	100
34) Hexachlorobutadiene	8.222	225	243308	49.132	ng	99
35) Caprolactam	8.528	113	120078	49.724	ng	97
36) 4-Chloro-3-methylphenol	8.633	107	385683	48.627	ng	98
37) 2-Methylnaphthalene	8.792	142	822986	47.888	ng	99
38) 1-Methylnaphthalene	8.892	142	799136	47.337	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	373963	48.747	ng	100
41) Hexachlorocyclopentadiene	8.945	237	122470	54.055	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	252974	50.380	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141295.D
 Acq On : 29 Jan 2025 16:11
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

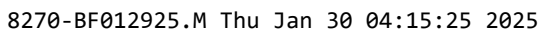
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

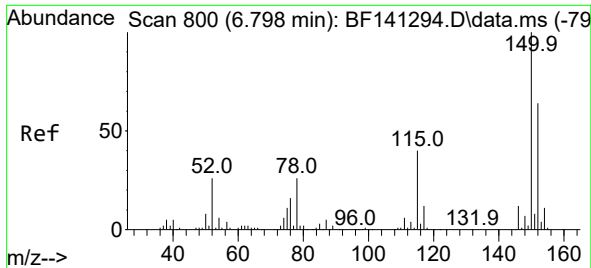
Quant Time: Jan 30 04:15:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	263745	48.260	ng	98
46) 1,1'-Biphenyl	9.263	154	1005774	47.825	ng	99
47) 2-Chloronaphthalene	9.286	162	781613	47.683	ng	99
48) 2-Nitroaniline	9.380	65	257199	49.884	ng	98
49) Acenaphthylene	9.698	152	1092234	47.600	ng	100
50) Dimethylphthalate	9.563	163	875569	48.074	ng	100
51) 2,6-Dinitrotoluene	9.622	165	204917	48.457	ng	98
52) Acenaphthene	9.875	154	789039	48.134	ng	100
53) 3-Nitroaniline	9.792	138	197832	47.731	ng	99
54) 2,4-Dinitrophenol	9.898	184	105313	53.573	ng	96
55) Dibenzofuran	10.045	168	1028182	46.858	ng	100
56) 4-Nitrophenol	9.951	139	155594	51.331	ng	99
57) 2,4-Dinitrotoluene	10.027	165	264325	48.277	ng	97
58) Fluorene	10.386	166	784644	46.101	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	205508	47.798	ng	98
60) Diethylphthalate	10.263	149	834803	47.272	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	380948	45.820	ng	99
62) 4-Nitroaniline	10.404	138	198241	48.650	ng	98
63) Azobenzene	10.539	77	841851	47.625	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	144574	55.235	ng	97
66) n-Nitrosodiphenylamine	10.498	169	688202	48.085	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	241123	48.673	ng	99
68) Hexachlorobenzene	10.933	284	253174	48.178	ng	100
69) Atrazine	11.027	200	237991	49.734	ng	98
70) Pentachlorophenol	11.127	266	161568	52.505	ng	99
71) Phenanthrene	11.351	178	1114920	46.872	ng	99
72) Anthracene	11.404	178	1105681	47.441	ng	100
73) Carbazole	11.557	167	971542	47.011	ng	99
74) Di-n-butylphthalate	11.892	149	1162607	46.420	ng	100
75) Fluoranthene	12.539	202	1065514	45.367	ng	100
77) Benzidine	12.663	184	513358	70.676	ng	99
78) Pyrene	12.768	202	1059044	48.695	ng	99
80) Butylbenzylphthalate	13.392	149	371889	48.945	ng	99
81) Benzo(a)anthracene	13.963	228	778922	49.820	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	270572	54.413	ng	99
83) Chrysene	13.998	228	717569	50.079	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	470441	48.809	ng	99
85) Di-n-octyl phthalate	14.586	149	773037	51.638	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	916714	52.202	ng	100
88) Benzo(b)fluoranthene	15.015	252	860351	50.269	ng	100
89) Benzo(k)fluoranthene	15.045	252	713500	47.059	ng	99
90) Benzo(a)pyrene	15.380	252	721834	49.910	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	739397	52.334	ng	100
92) Benzo(g,h,i)perylene	17.333	276	764064	52.010	ng	99

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

Quant Time: Jan 30 04:15:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

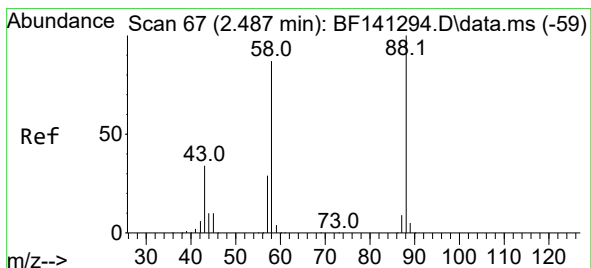
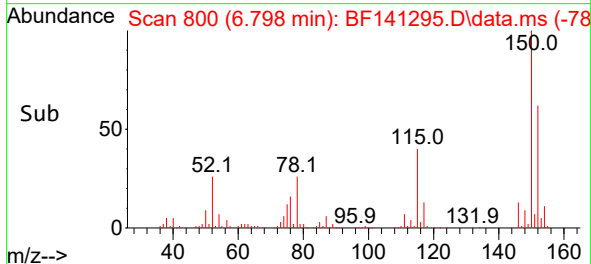
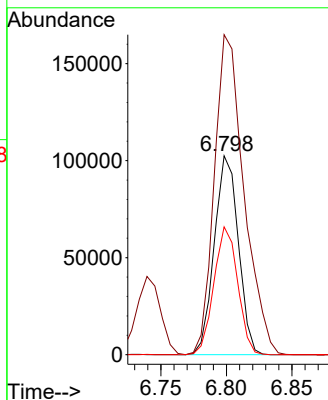
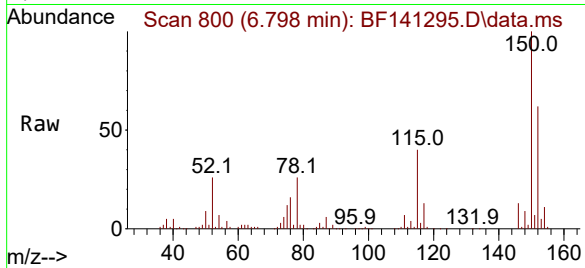




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141295.D
 Acq: 29 Jan 2025 16:11

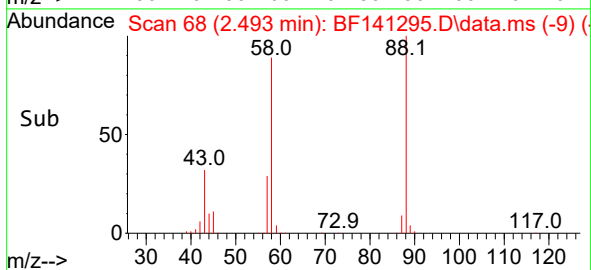
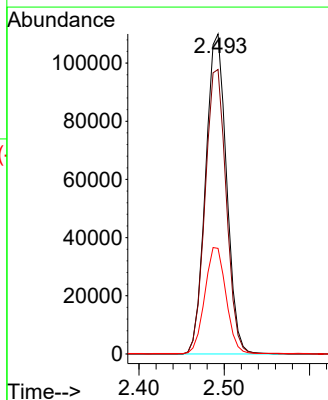
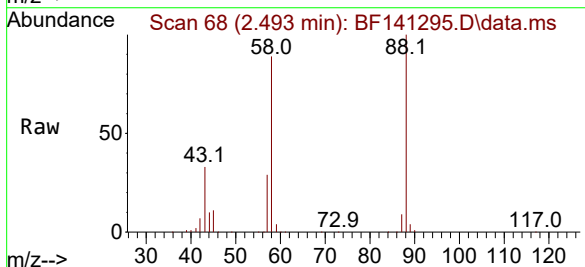
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

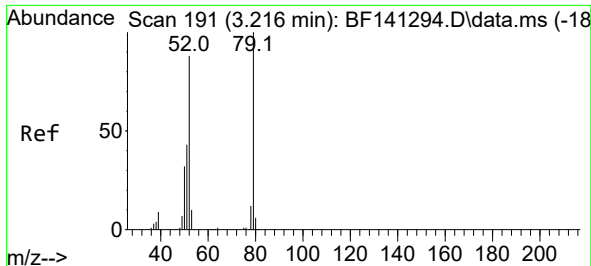
Tgt Ion:152 Resp: 130633
 Ion Ratio Lower Upper
 152 100
 150 160.9 125.9 188.9
 115 64.3 49.7 74.5



#2
 1,4-Dioxane
 Concen: 50.092 ng
 RT: 2.493 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: BF141295.D
 Acq: 29 Jan 2025 16:11

Tgt Ion: 88 Resp: 187460
 Ion Ratio Lower Upper
 88 100
 58 89.8 70.2 105.4
 43 33.5 27.6 41.4

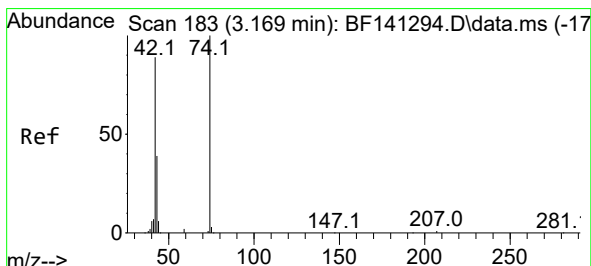
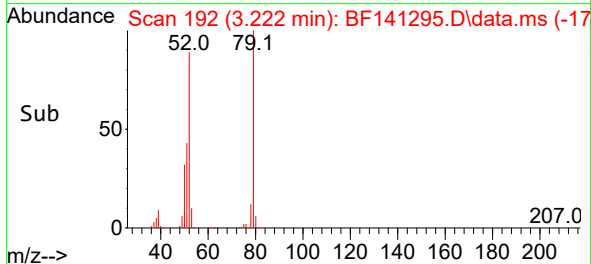
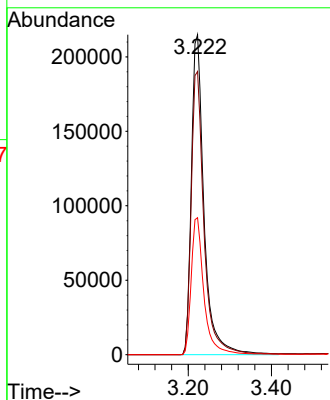
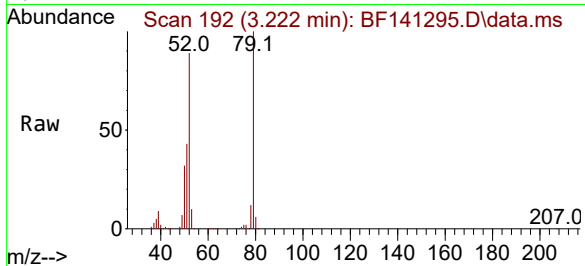




#3
Pyridine
Concen: 50.496 ng
RT: 3.222 min Scan# 191
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

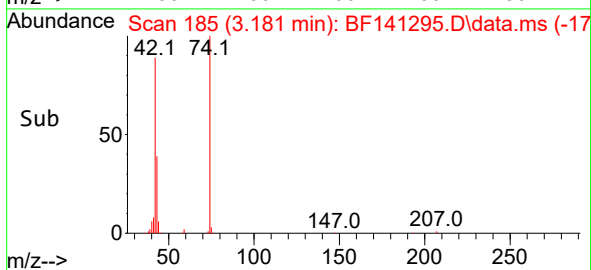
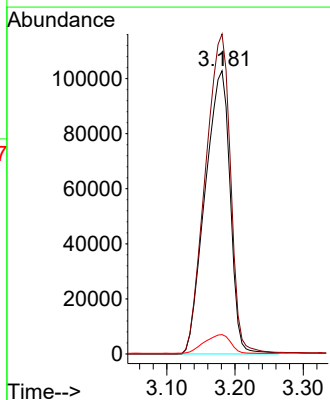
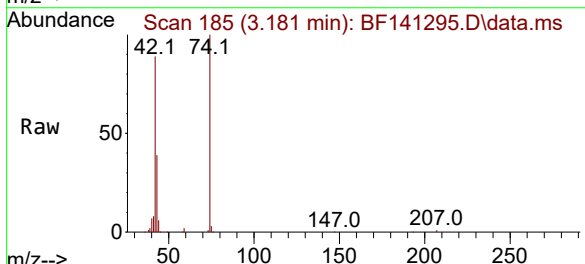
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

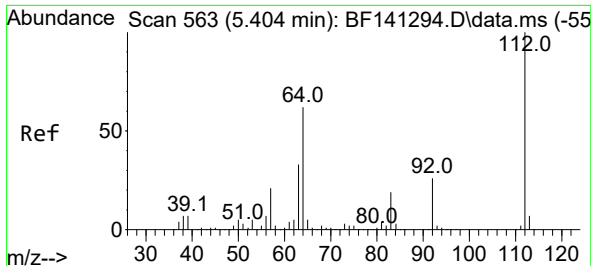
Tgt Ion: 79 Resp: 455306
Ion Ratio Lower Upper
79 100
52 88.5 70.3 105.5
51 42.8 34.3 51.5



#4
n-Nitrosodimethylamine
Concen: 50.881 ng
RT: 3.181 min Scan# 185
Delta R.T. -0.018 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 42 Resp: 262083
Ion Ratio Lower Upper
42 100
74 113.0 90.3 135.5
44 6.8 5.7 8.5

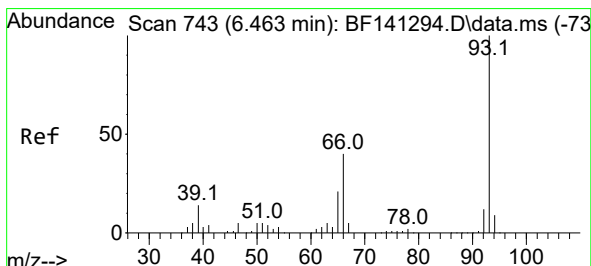
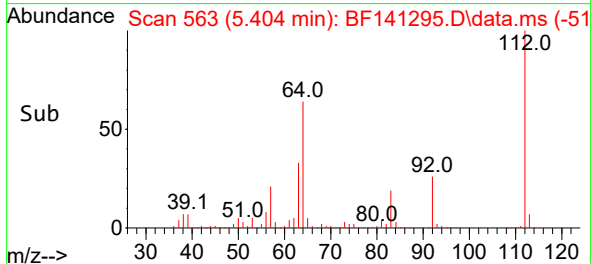
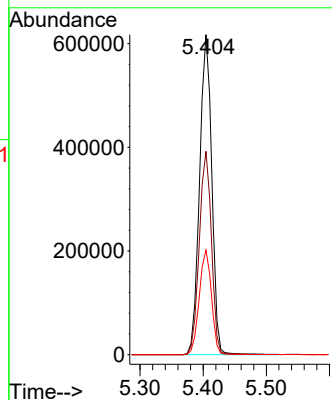
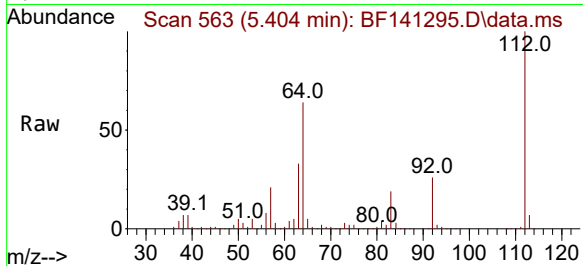




#5
2-Fluorophenol
Concen: 97.268 ng
RT: 5.404 min Scan# 509
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

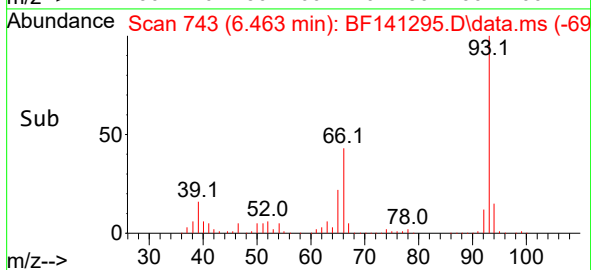
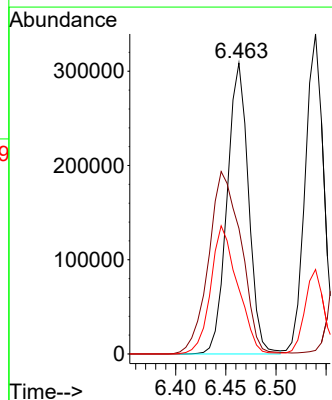
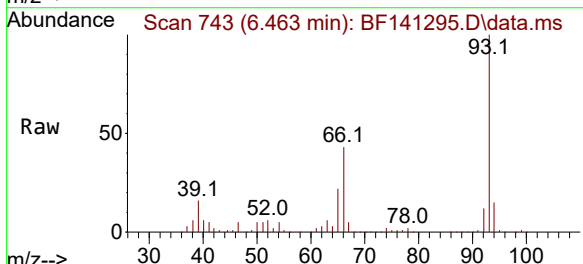
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

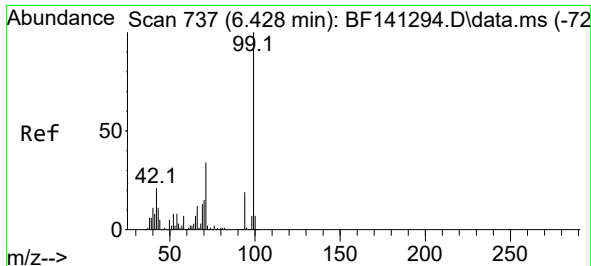
Tgt Ion:112 Resp: 827672
Ion Ratio Lower Upper
112 100
64 63.5 49.8 74.8
63 32.7 26.1 39.1



#6
Aniline
Concen: 50.026 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 93 Resp: 458390
Ion Ratio Lower Upper
93 100
66 43.2 32.5 48.7
65 22.4 17.0 25.6



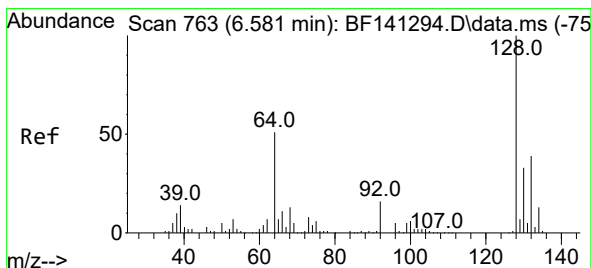
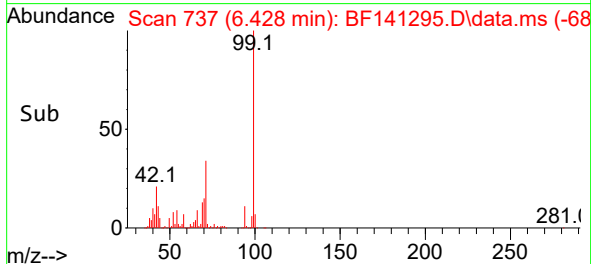
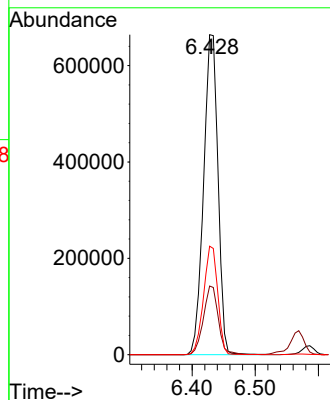
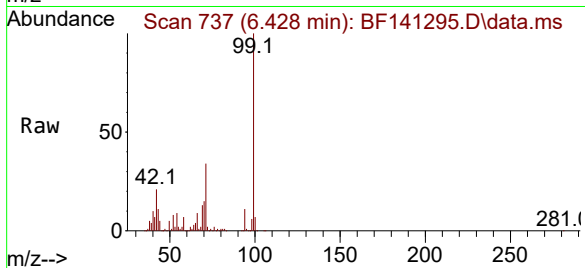


#7
Phenol-d6
Concen: 97.220 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1052381

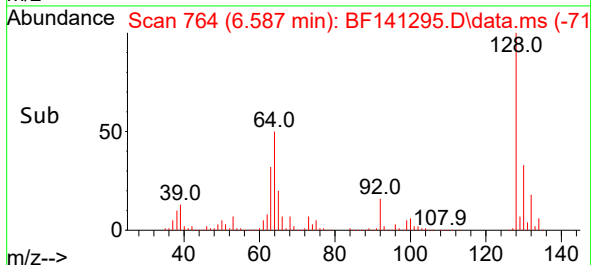
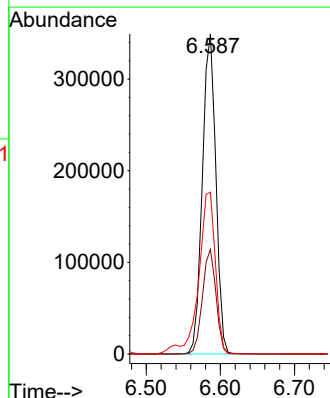
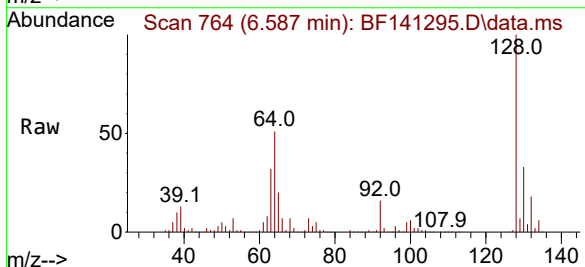
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.1	25.7
71	33.9	26.9	40.3

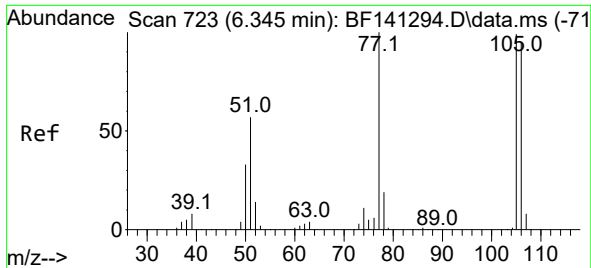


#8
2-Chlorophenol
Concen: 48.448 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:128 Resp: 441862

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	50.5	32.9	72.9

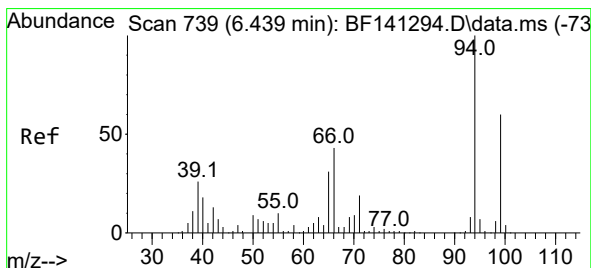
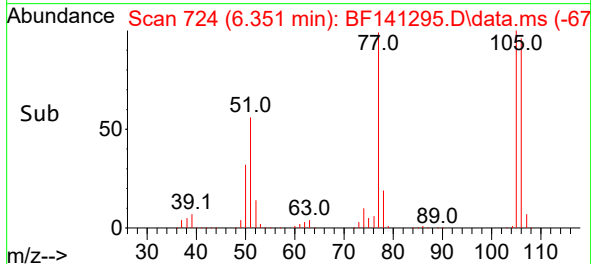
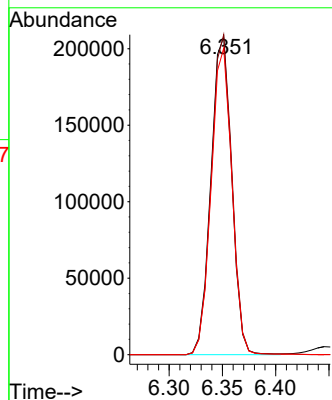
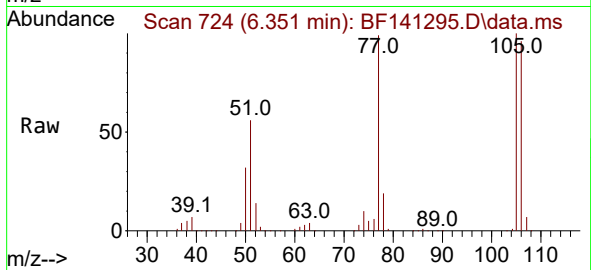




#9
Benzaldehyde
Concen: 44.868 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

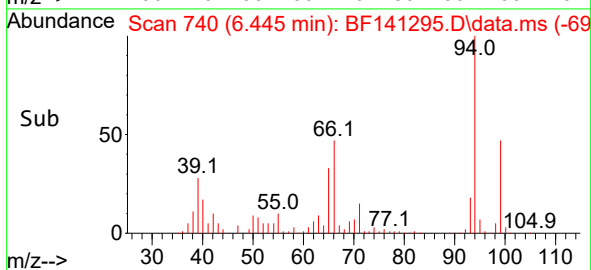
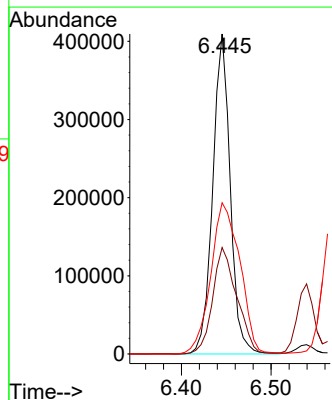
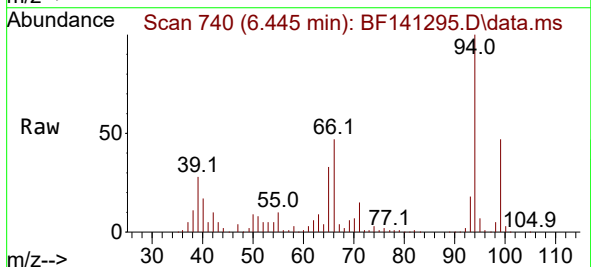
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

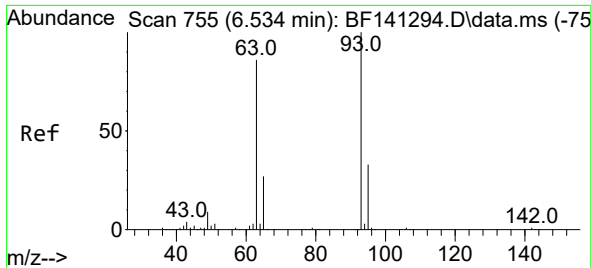
Tgt Ion: 77 Resp: 281326
Ion Ratio Lower Upper
77 100
105 100.8 79.4 119.4
106 96.5 74.6 114.6



#10
Phenol
Concen: 48.266 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 94 Resp: 553844
Ion Ratio Lower Upper
94 100
65 33.2 10.8 50.8
66 47.3 23.3 63.3





#11

bis(2-Chloroethyl)ether

Concen: 48.220 ng

RT: 6.539 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

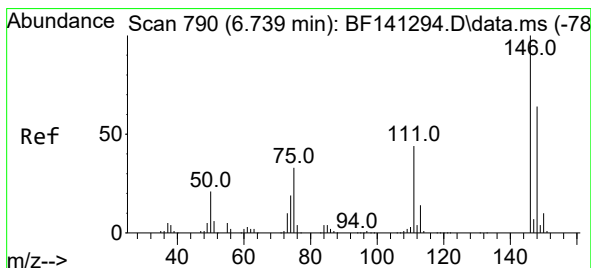
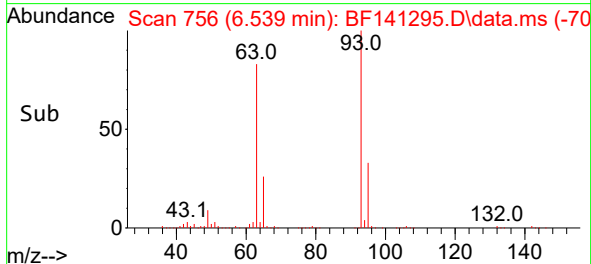
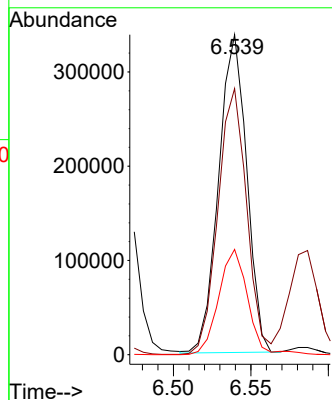
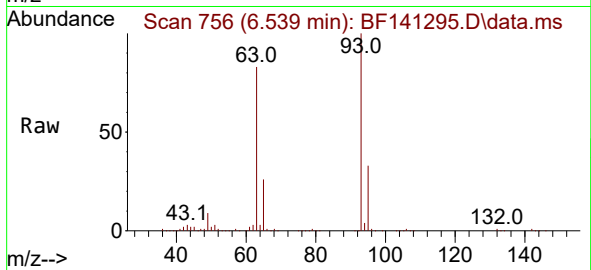
Tgt Ion: 93 Resp: 424248

Ion Ratio Lower Upper

93 100

63 83.2 65.0 105.0

95 32.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 48.666 ng

RT: 6.739 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

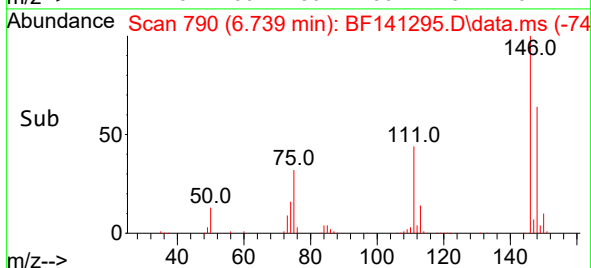
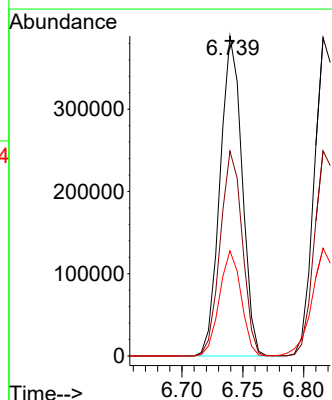
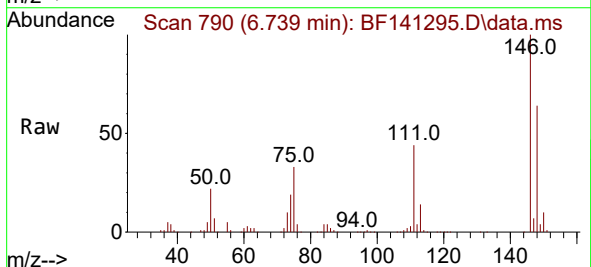
Tgt Ion:146 Resp: 489386

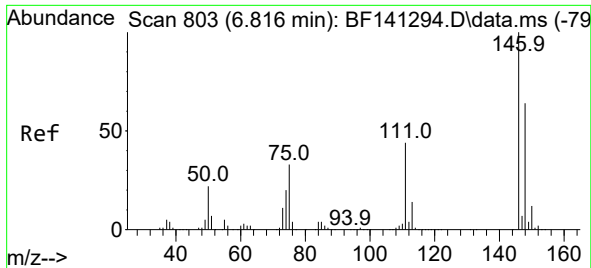
Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

75 32.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 48.542 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

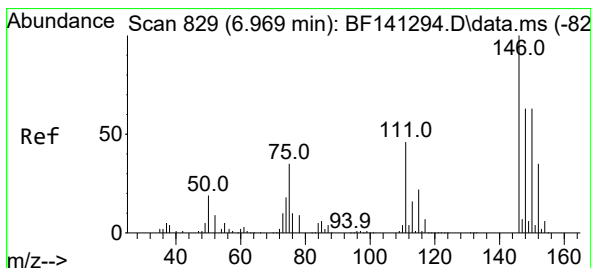
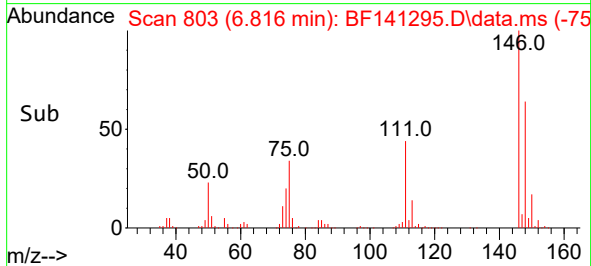
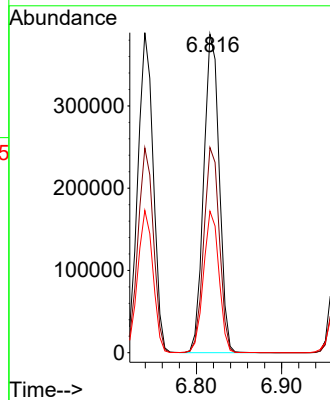
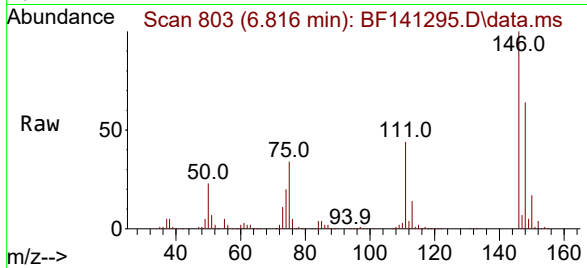
Tgt Ion:146 Resp: 490392

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

111 44.4 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 48.053 ng

RT: 6.975 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

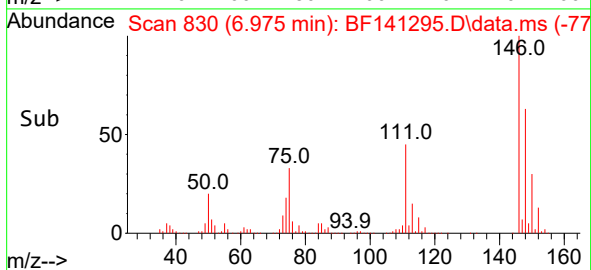
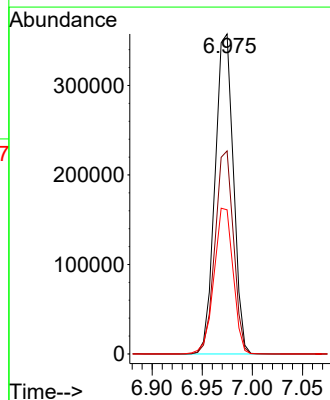
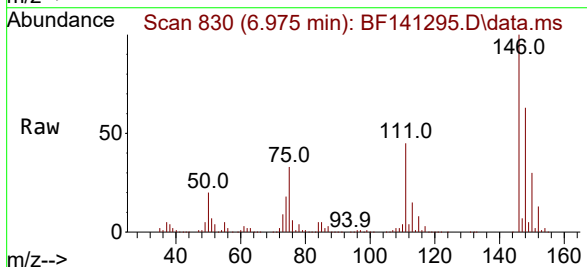
Tgt Ion:146 Resp: 454569

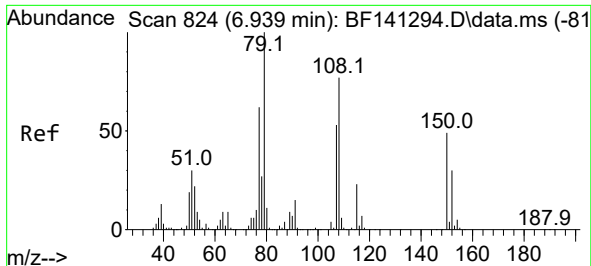
Ion Ratio Lower Upper

146 100

148 63.4 50.5 75.7

111 45.1 36.6 55.0

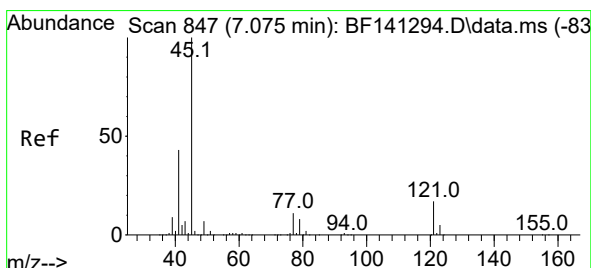
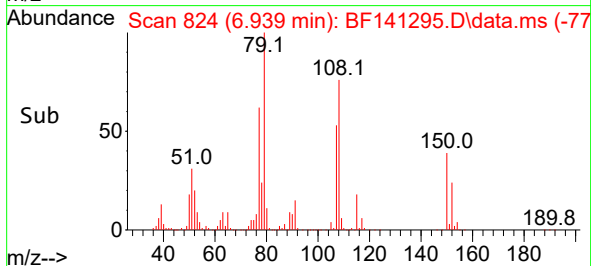
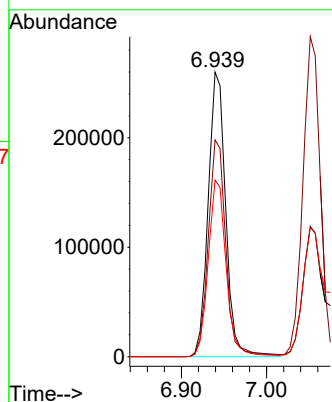
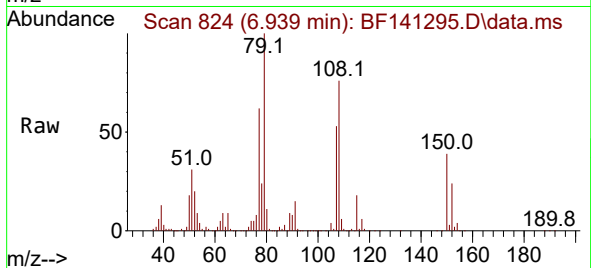




#15
Benzyl Alcohol
Concen: 50.189 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

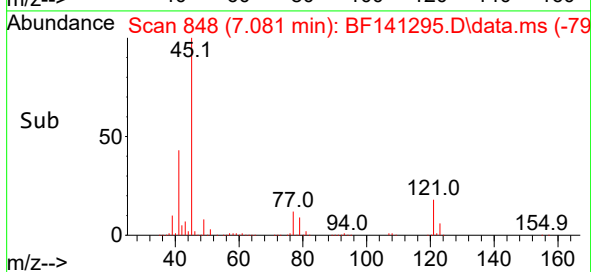
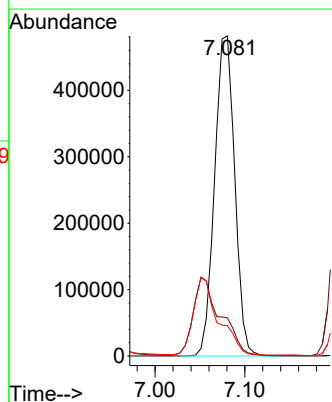
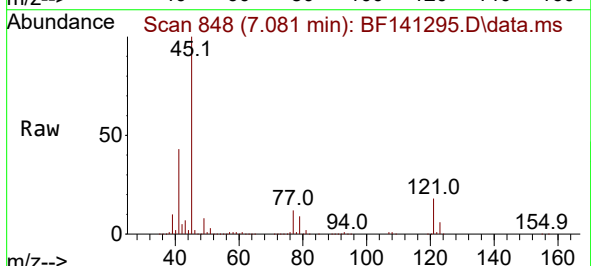
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

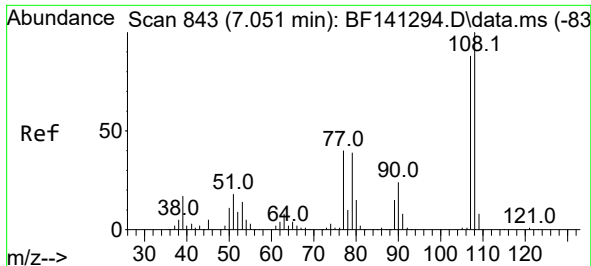
Tgt Ion: 79 Resp: 371274
Ion Ratio Lower Upper
79 100
108 76.2 61.4 92.0
77 62.1 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.018 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 45 Resp: 749938
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.8
79 9.5 0.0 29.1

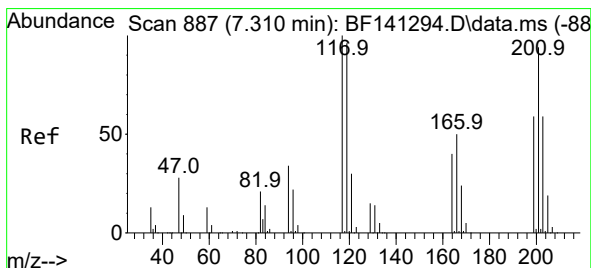
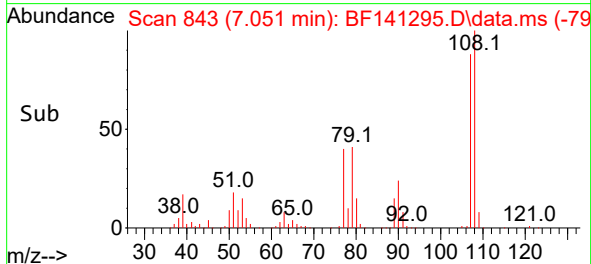
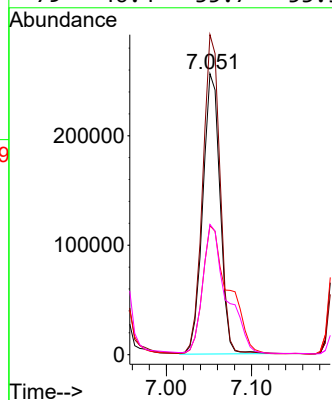
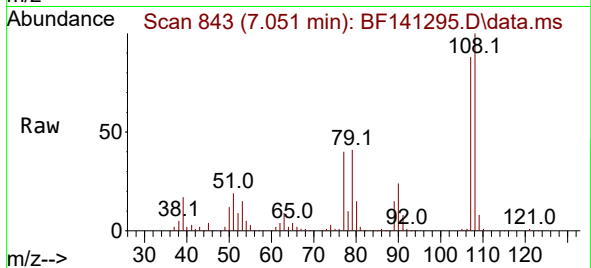




#17
2-Methylphenol
Concen: 48.765 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

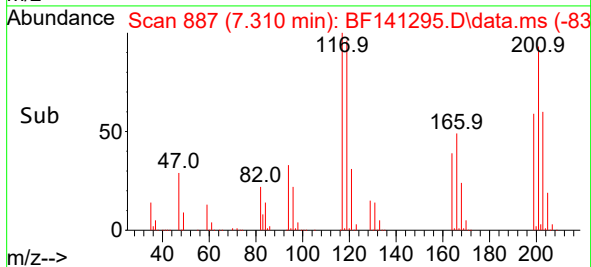
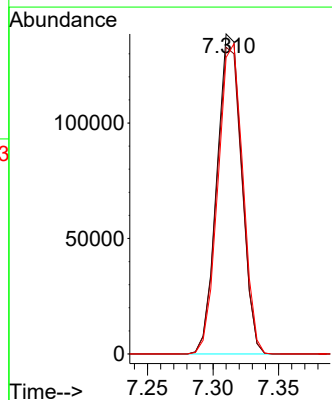
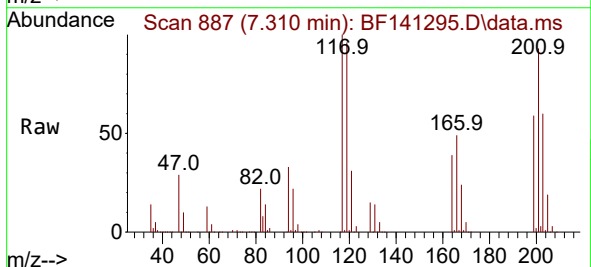
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

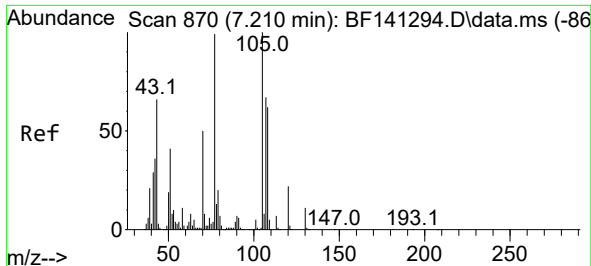
Tgt Ion:107 Resp: 361469
Ion Ratio Lower Upper
107 100
108 113.9 90.8 136.2
77 46.0 36.2 54.4
79 46.4 35.7 53.5



#18
Hexachloroethane
Concen: 49.085 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:117 Resp: 182933
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
201 92.7 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 47.535 ng

RT: 7.216 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 305749

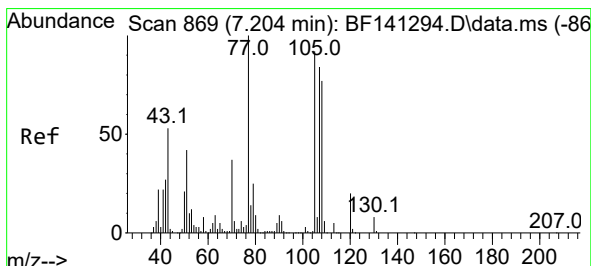
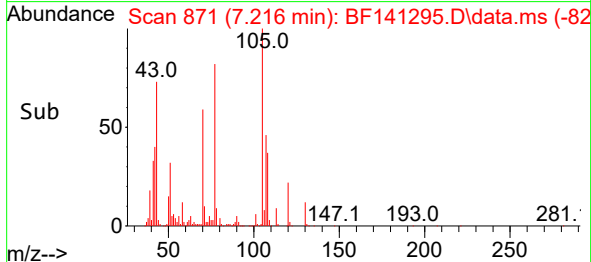
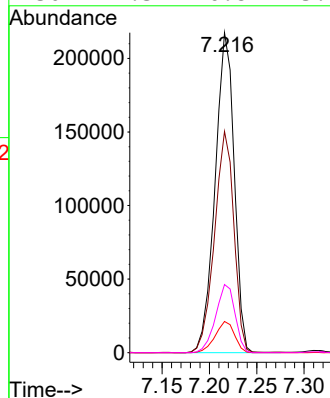
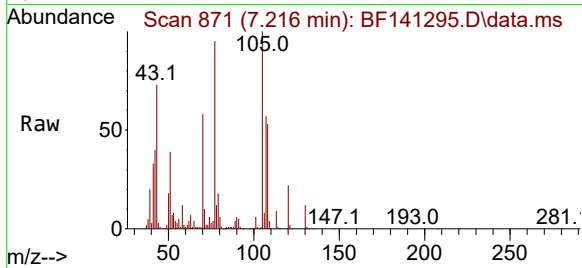
Ion Ratio Lower Upper

70 100

42 69.2 56.8 85.2

101 9.7 7.7 11.5

130 21.3 16.8 25.2



#20

3+4-Methylphenols

Concen: 47.767 ng

RT: 7.210 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Tgt Ion: 107 Resp: 434743

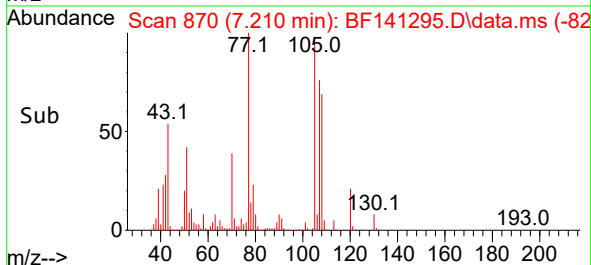
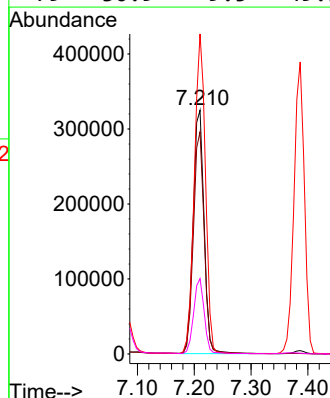
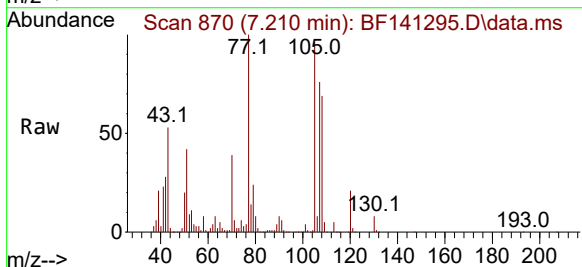
Ion Ratio Lower Upper

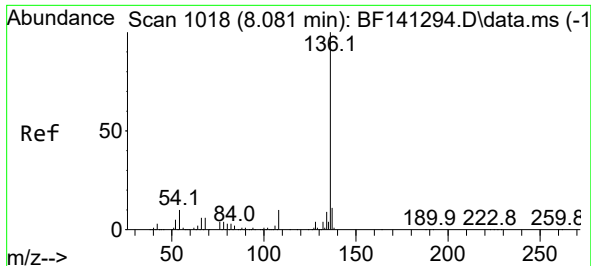
107 100

108 91.2 70.9 110.9

77 131.3 98.5 138.5

79 30.9 9.5 49.5



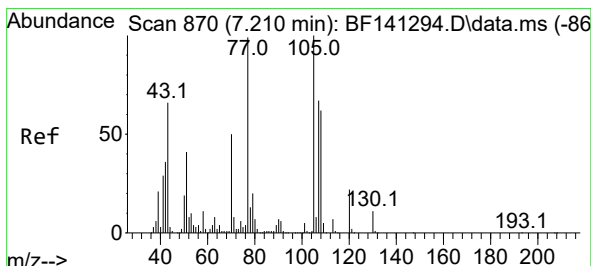
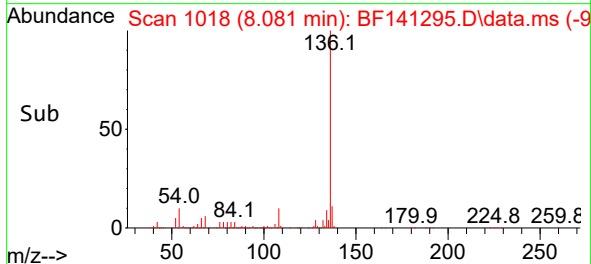
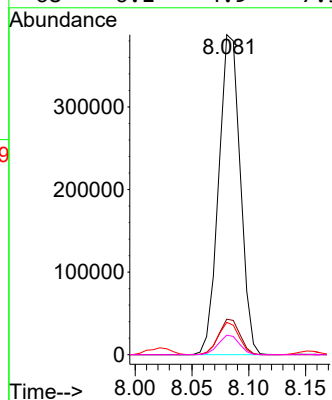
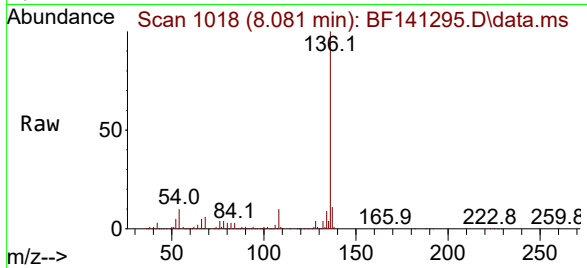


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 511843

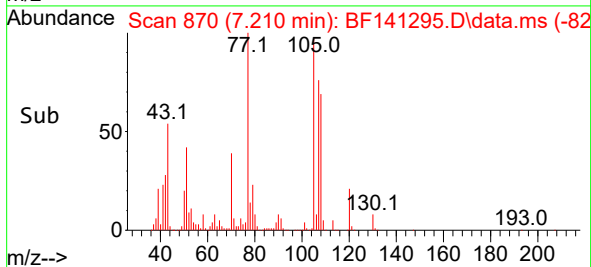
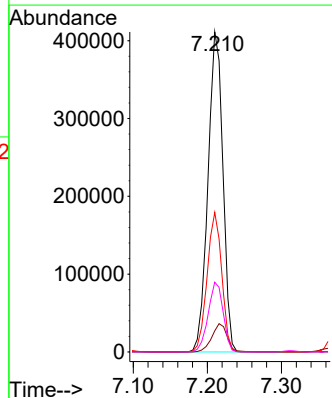
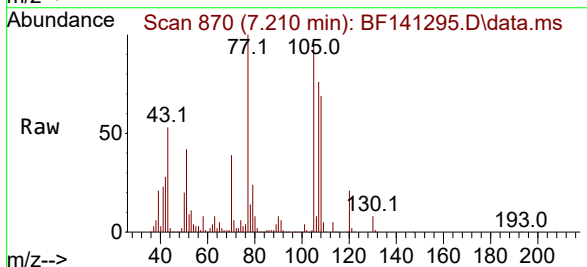
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.1	7.8	11.8
68	6.1	4.9	7.3

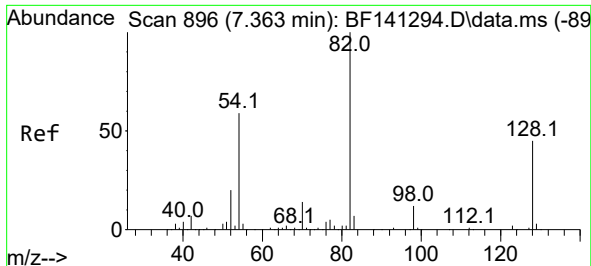


#22
Acetophenone
Concen: 47.236 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:105 Resp: 574700

Ion	Ratio	Lower	Upper
105	100		
71	6.6	6.8	10.2
51	43.6	32.6	49.0
120	21.8	17.4	26.0





#23

Nitrobenzene-d5

Concen: 98.397 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

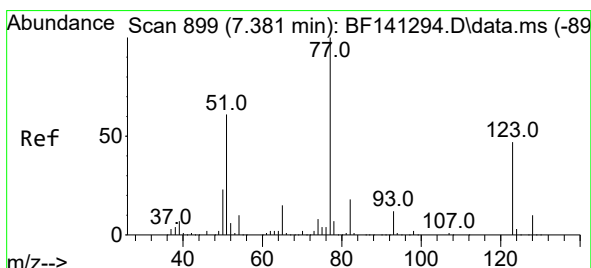
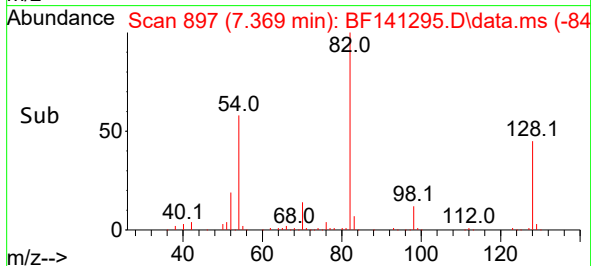
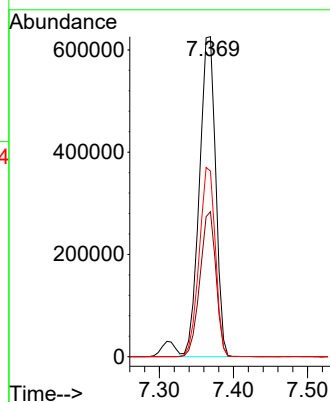
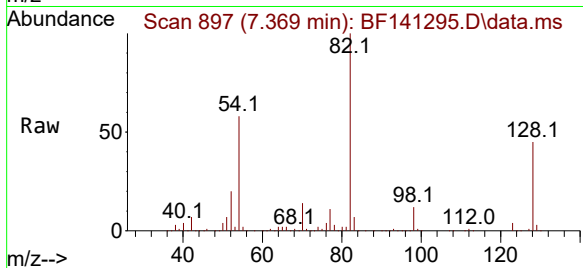
Tgt Ion: 82 Resp: 955368

Ion Ratio Lower Upper

82 100

128 45.3 35.7 53.5

54 58.0 47.1 70.7



#24

Nitrobenzene

Concen: 48.906 ng

RT: 7.386 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

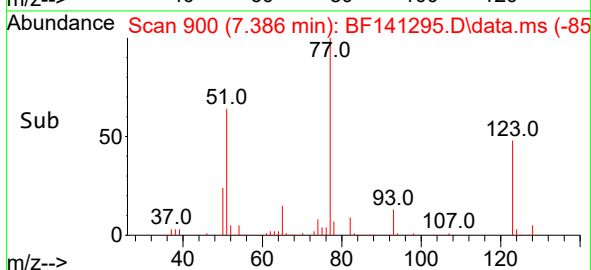
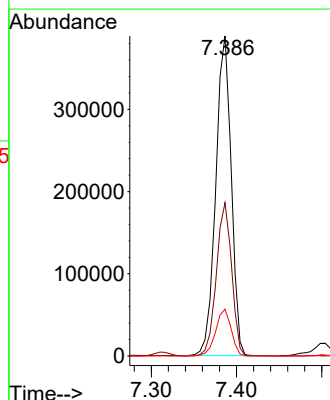
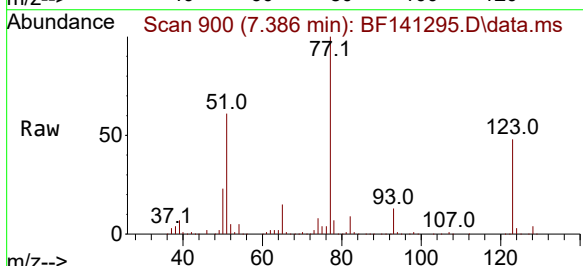
Tgt Ion: 77 Resp: 492082

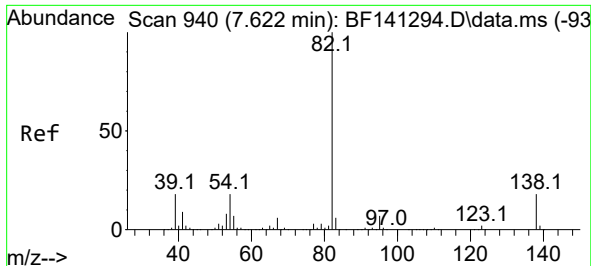
Ion Ratio Lower Upper

77 100

123 47.9 37.3 55.9

65 14.6 11.8 17.6

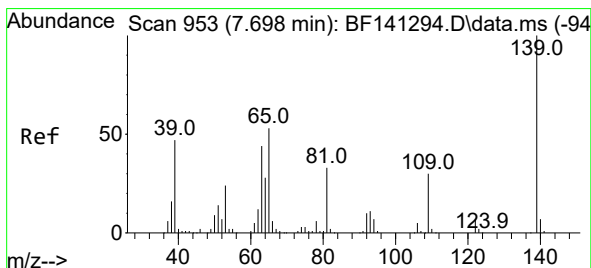
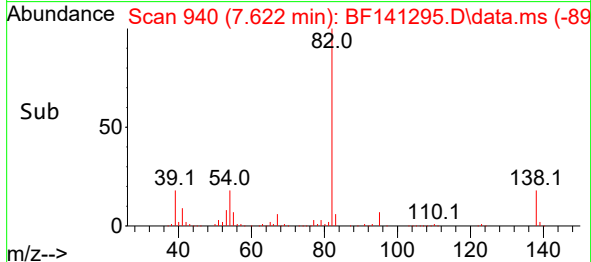
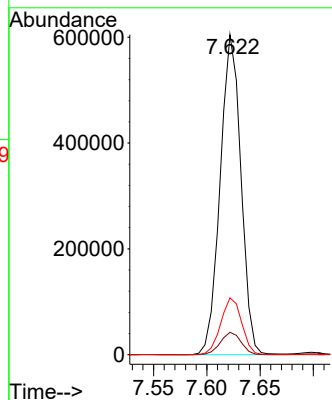
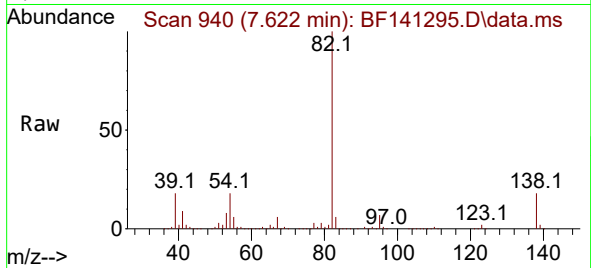




#25
Isophorone
Concen: 48.768 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

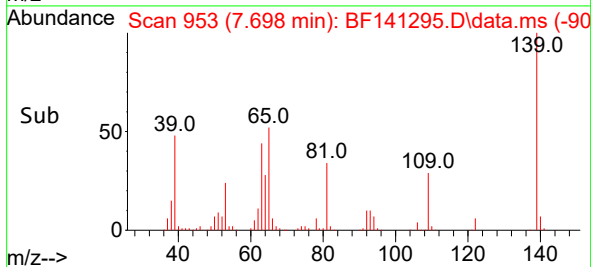
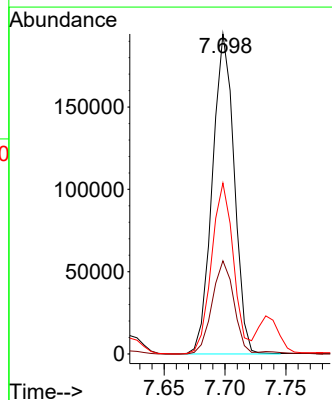
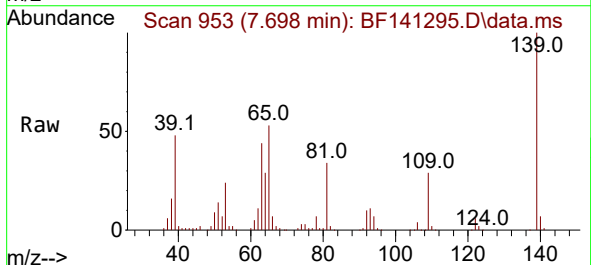
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

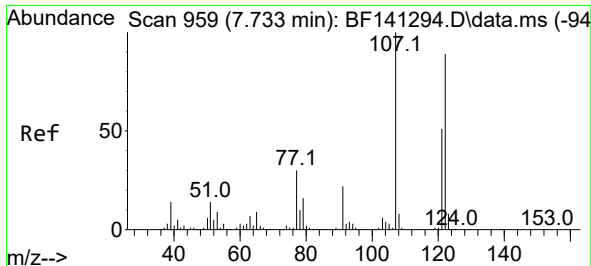
Tgt Ion: 82 Resp: 818496
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 17.7 14.7 22.1



#26
2-Nitrophenol
Concen: 51.045 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:139 Resp: 242228
Ion Ratio Lower Upper
139 100
109 29.1 23.8 35.6
65 53.4 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 46.999 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

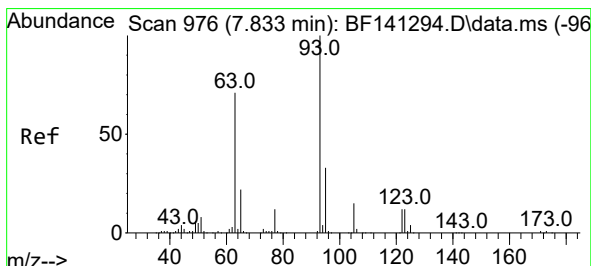
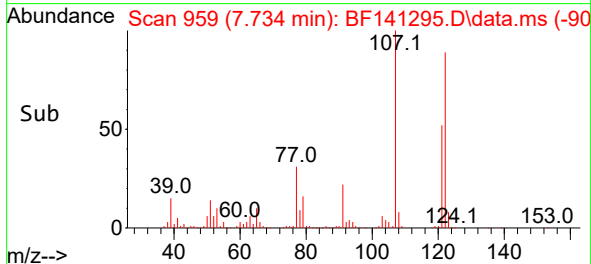
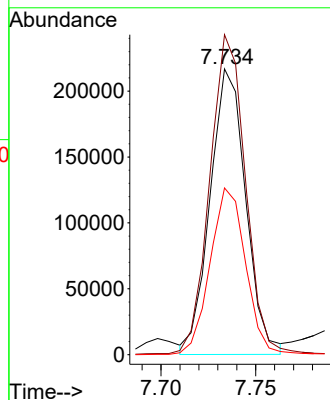
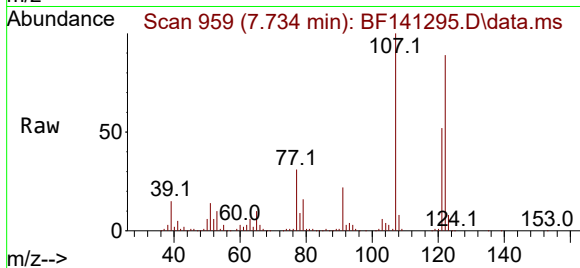
Tgt Ion:122 Resp: 283877

Ion Ratio Lower Upper

122 100

107 112.0 89.9 134.9

121 58.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.463 ng

RT: 7.833 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

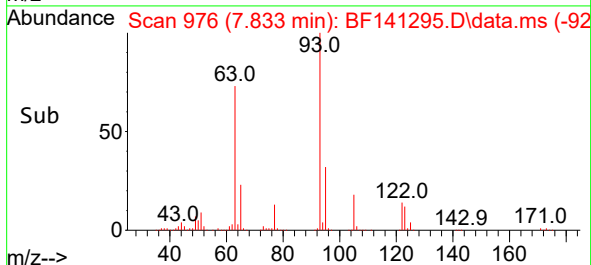
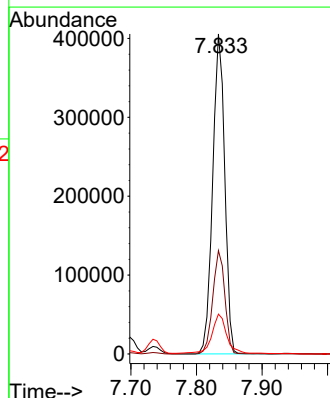
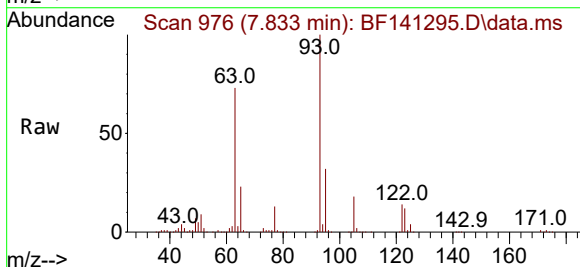
Tgt Ion: 93 Resp: 518825

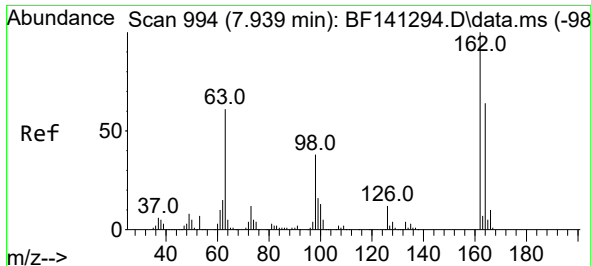
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 12.4 10.2 15.4

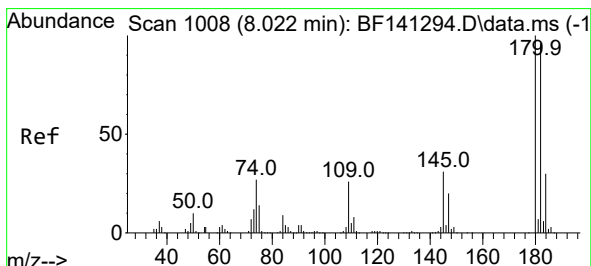
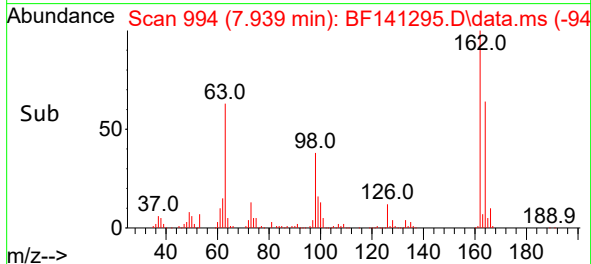
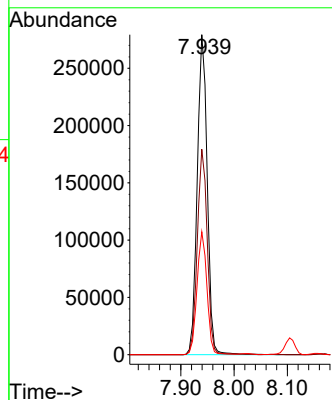
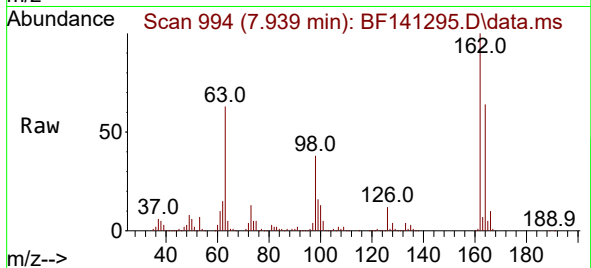




#29
2,4-Dichlorophenol
Concen: 49.129 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

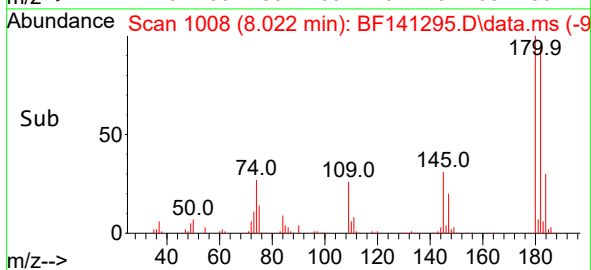
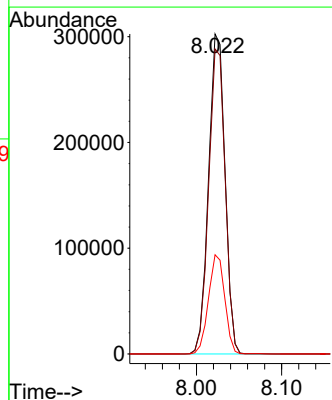
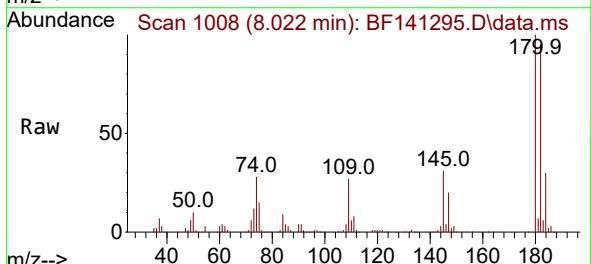
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

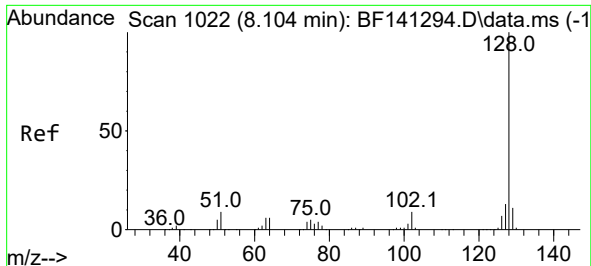
Tgt Ion:162 Resp: 363275
Ion Ratio Lower Upper
162 100
164 64.2 44.2 84.2
98 38.4 18.2 58.2



#30
1,2,4-Trichlorobenzene
Concen: 48.145 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

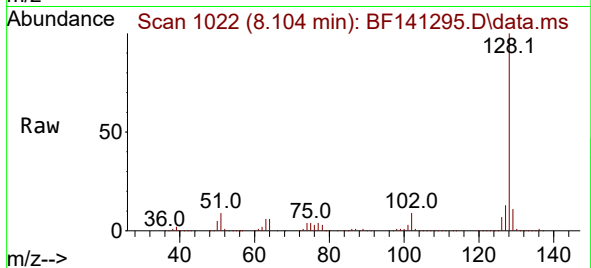
Tgt Ion:180 Resp: 406562
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
145 31.0 24.9 37.3



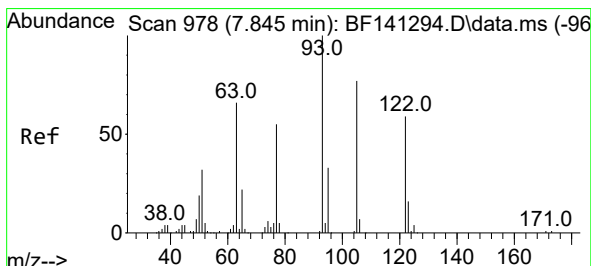
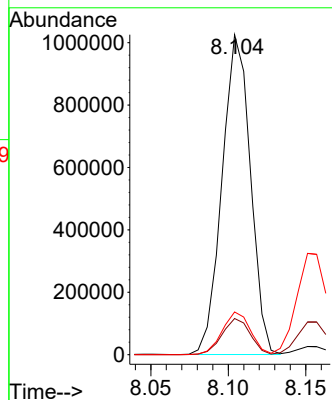
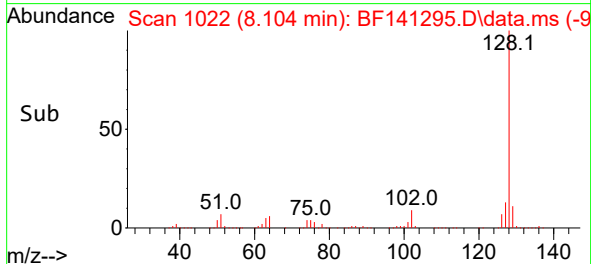


#31
Naphthalene
Concen: 48.254 ng
RT: 8.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

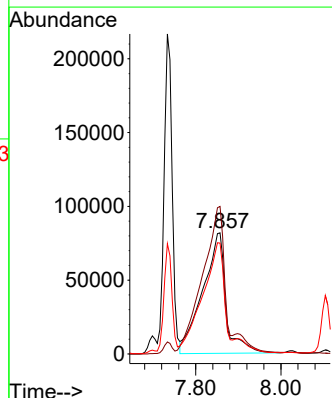
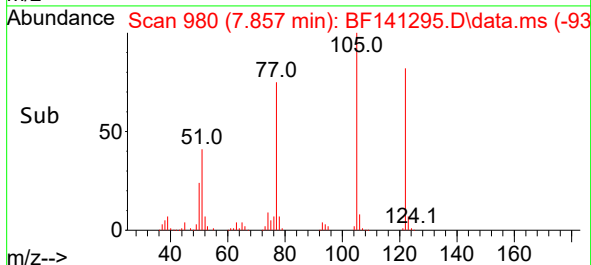
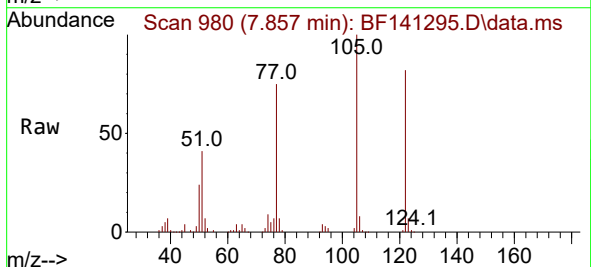


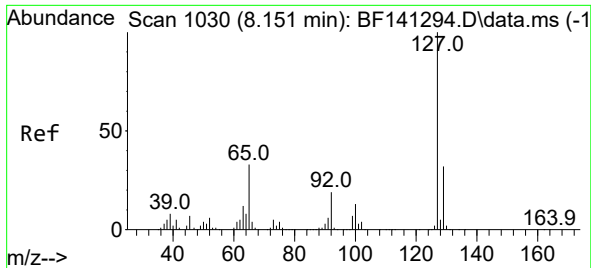
Tgt Ion:128 Resp: 1304758
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 55.565 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:122 Resp: 308525
Ion Ratio Lower Upper
122 100
105 121.7 103.4 143.4
77 91.5 70.9 110.9

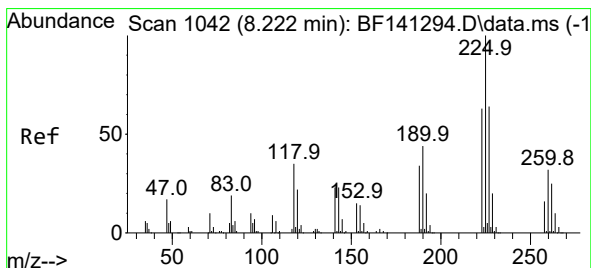
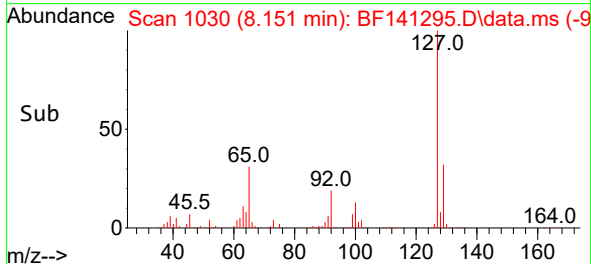
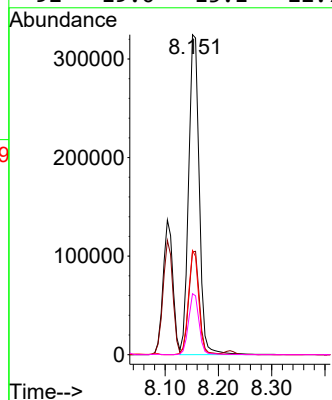
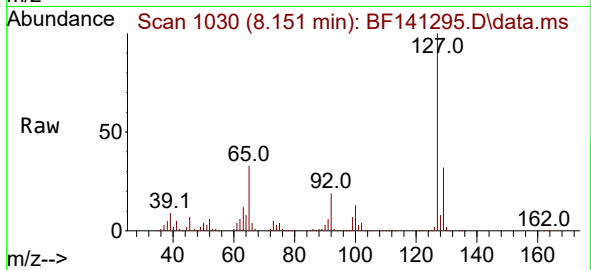




#33
4-Chloroaniline
Concen: 49.028 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

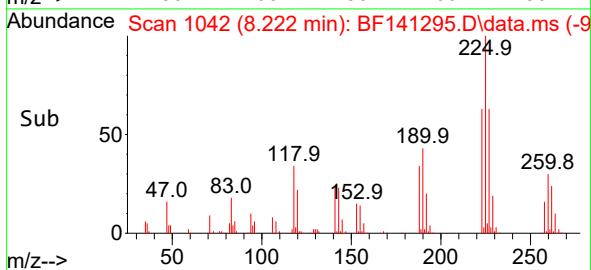
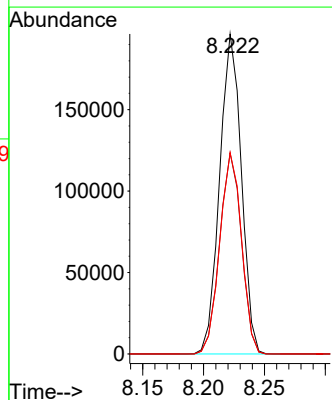
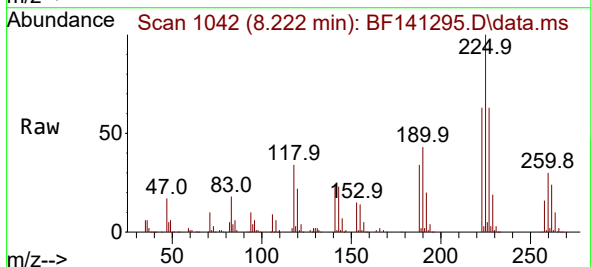
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

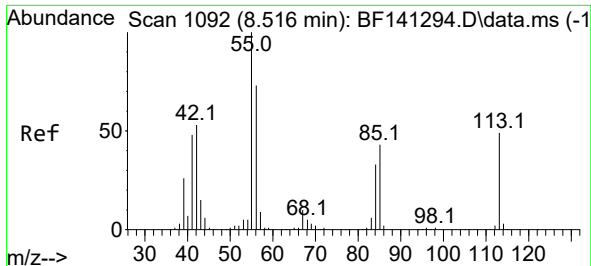
Tgt Ion:127	Resp: 449543
Ion Ratio	Lower Upper
127 100	
129 32.2	25.7 38.5
65 32.6	26.4 39.6
92 19.0	15.1 22.7



#34
Hexachlorobutadiene
Concen: 49.132 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:225	Resp: 243308
Ion Ratio	Lower Upper
225 100	
223 62.8	50.4 75.6
227 62.9	51.3 76.9

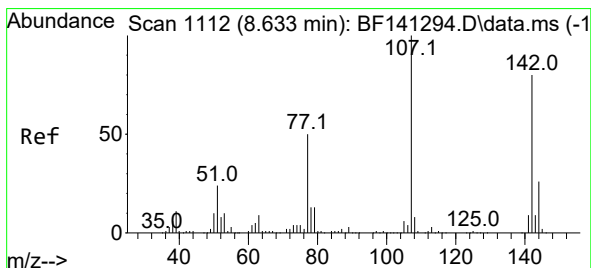
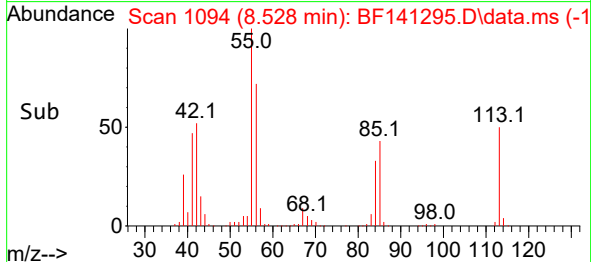
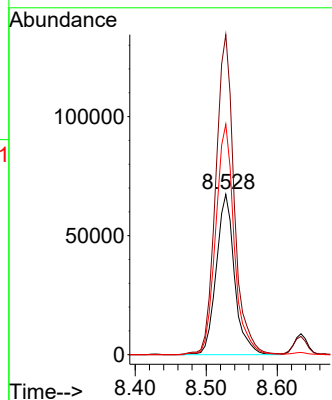
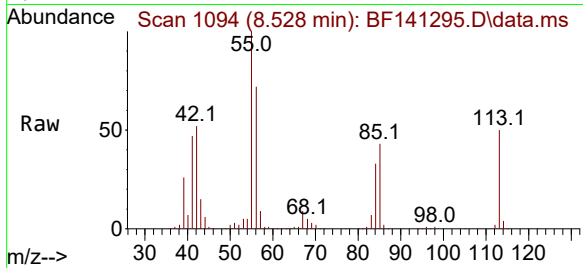




#35
 Caprolactam
 Concen: 49.724 ng
 RT: 8.528 min Scan# 1094
 Delta R.T. -0.018 min
 Lab File: BF141295.D
 Acq: 29 Jan 2025 16:11

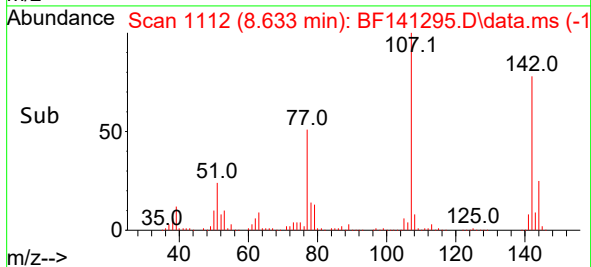
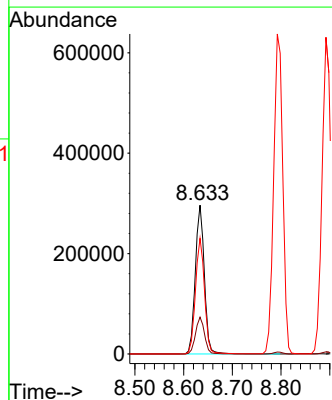
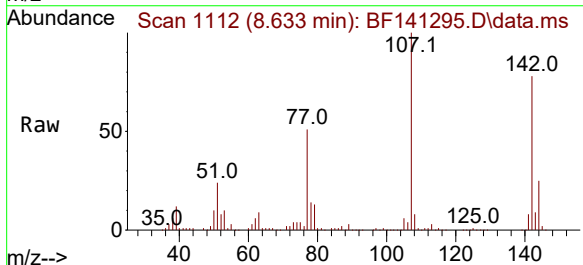
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

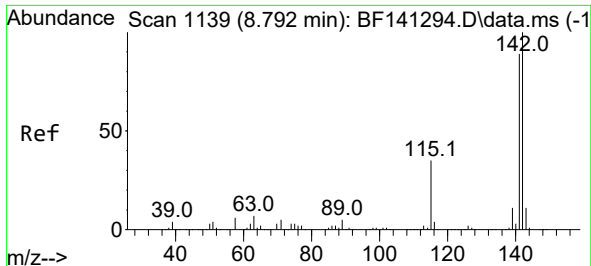
Tgt Ion:113 Resp: 120078
 Ion Ratio Lower Upper
 113 100
 55 199.5 182.9 222.9
 56 143.7 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.627 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141295.D
 Acq: 29 Jan 2025 16:11

Tgt Ion:107 Resp: 385683
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.7 31.1
 142 77.7 63.8 95.8

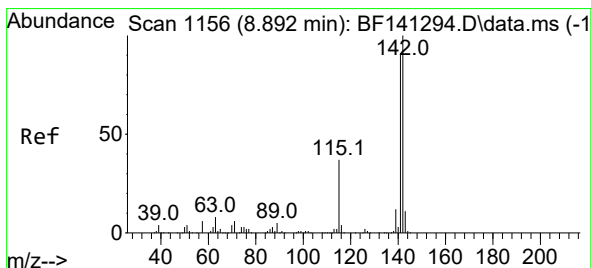
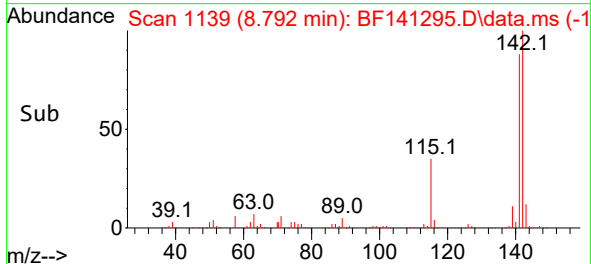
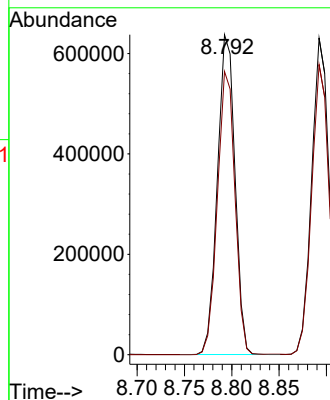
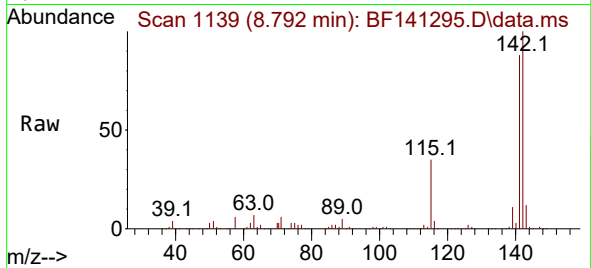




#37
2-Methylnaphthalene
Concen: 47.888 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

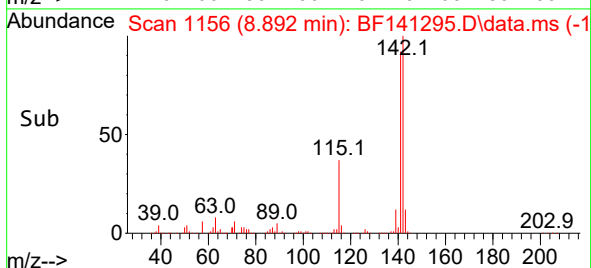
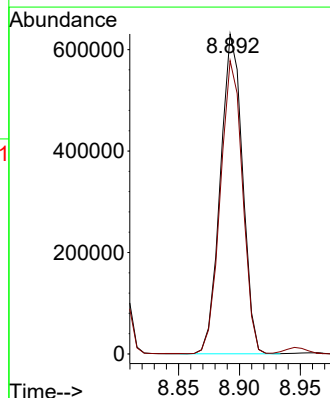
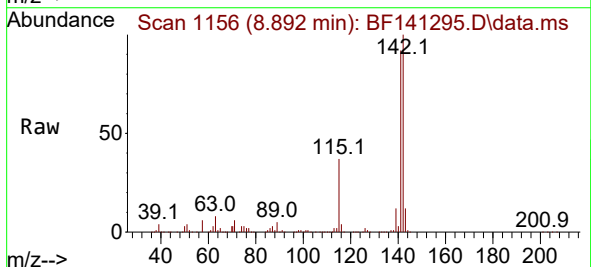
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

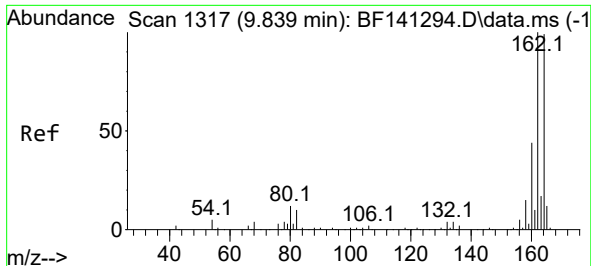
Tgt Ion:142 Resp: 822986
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9



#38
1-Methylnaphthalene
Concen: 47.337 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:142 Resp: 799136
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

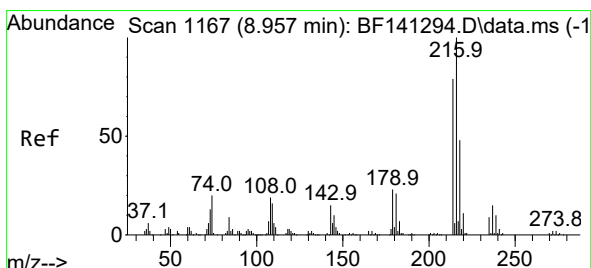
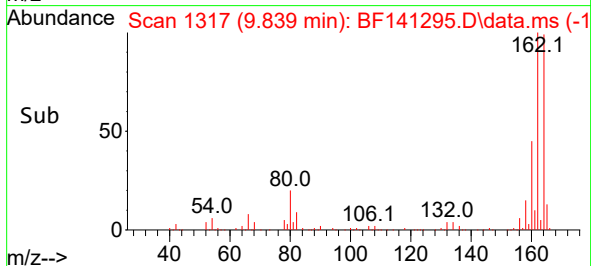
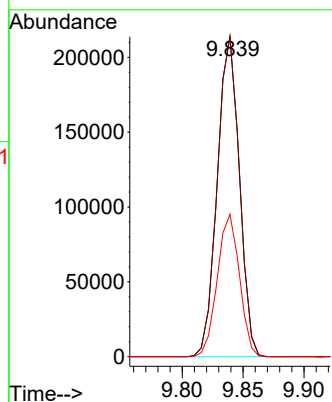
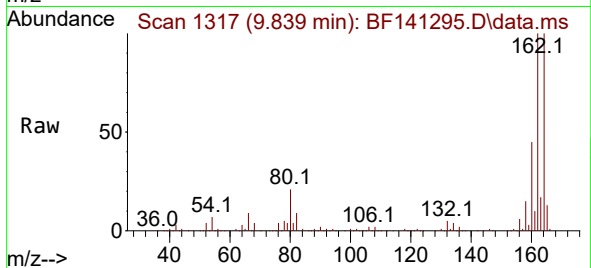
Tgt Ion:164 Resp: 269662

Ion Ratio Lower Upper

164 100

162 100.1 80.6 121.0

160 44.5 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.747 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Tgt Ion:216 Resp: 373963

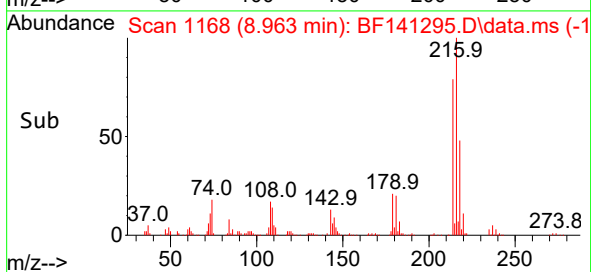
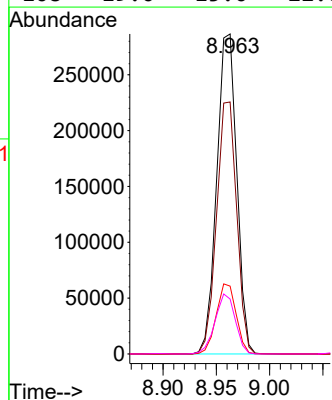
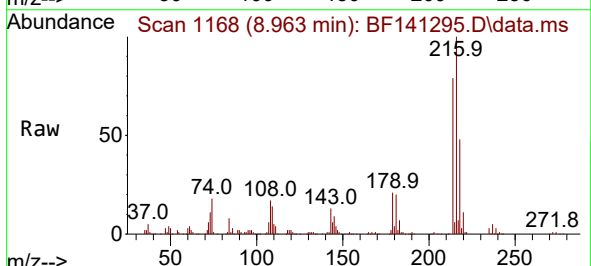
Ion Ratio Lower Upper

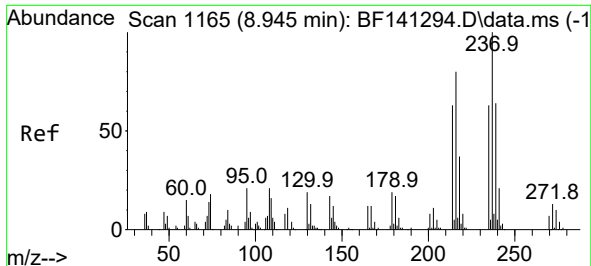
216 100

214 79.0 63.2 94.8

179 21.7 17.8 26.8

108 19.0 15.0 22.6

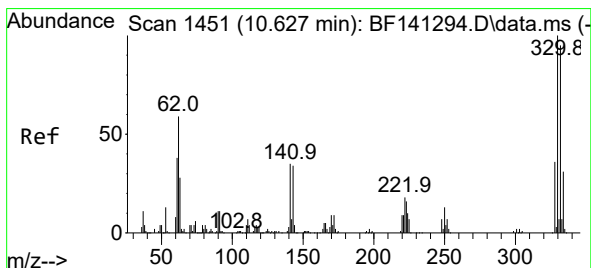
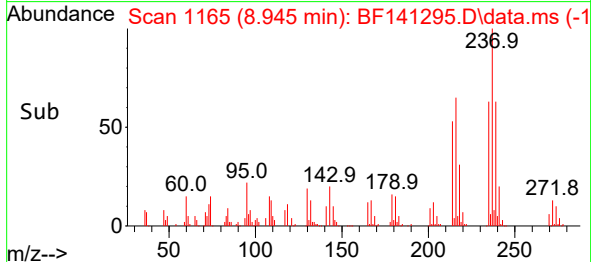
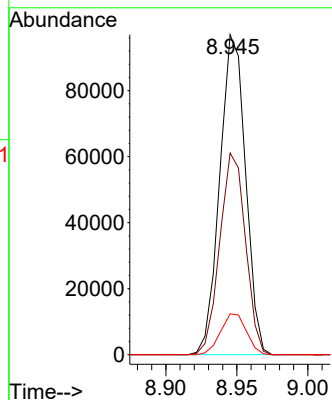
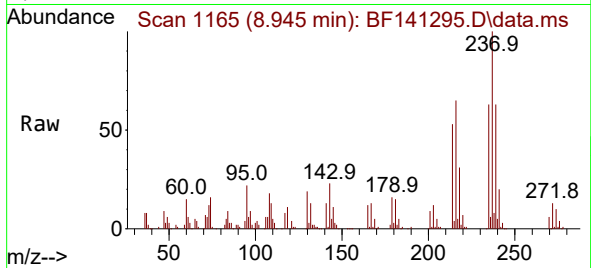




#41
Hexachlorocyclopentadiene
Concen: 54.055 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

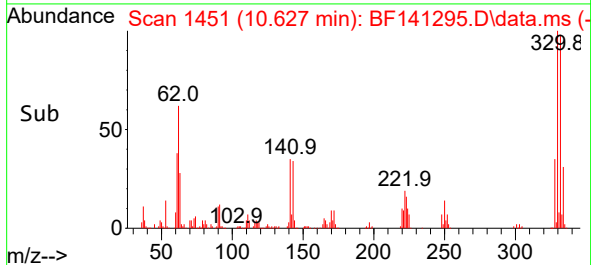
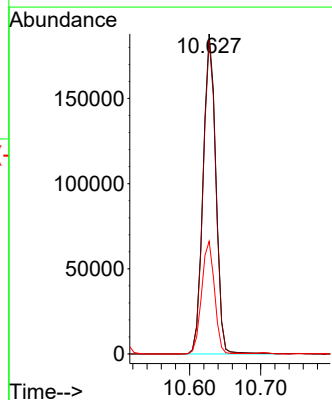
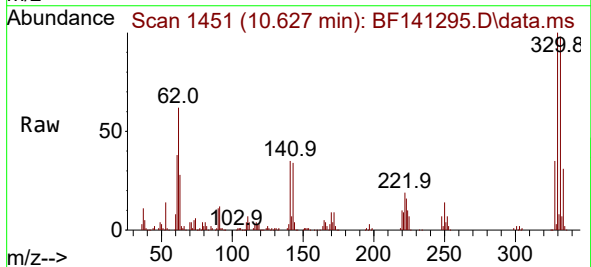
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

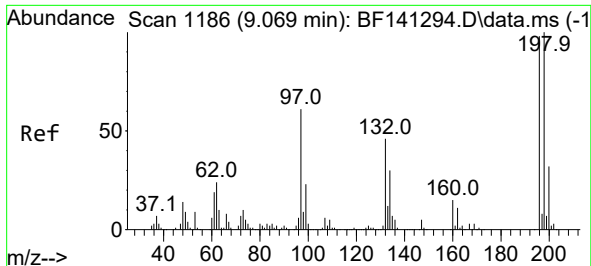
Tgt Ion:237 Resp: 122470
Ion Ratio Lower Upper
237 100
235 63.0 42.9 82.9
272 12.7 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 95.415 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

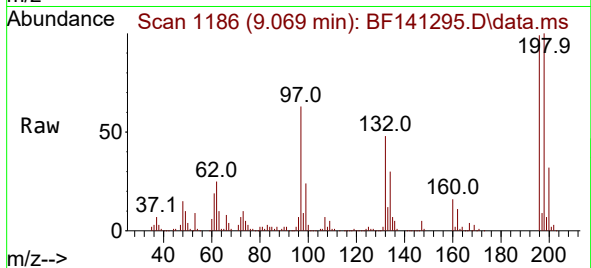
Tgt Ion:330 Resp: 235884
Ion Ratio Lower Upper
330 100
332 97.5 76.1 114.1
141 35.4 28.8 43.2



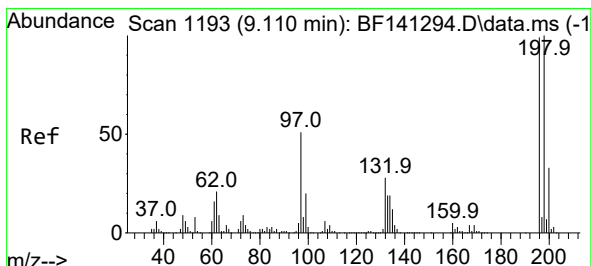
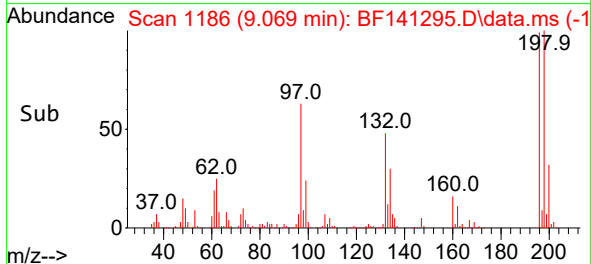
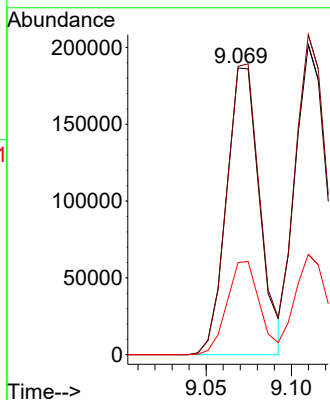


#43
2,4,6-Trichlorophenol
Concen: 50.380 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

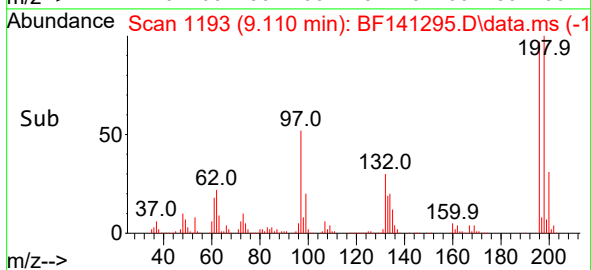
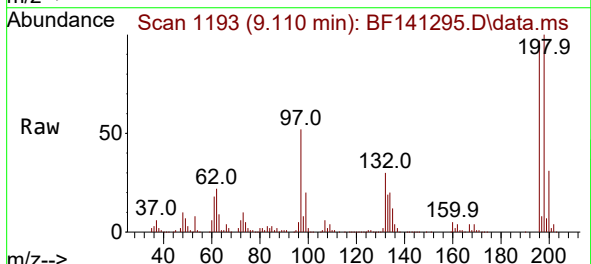
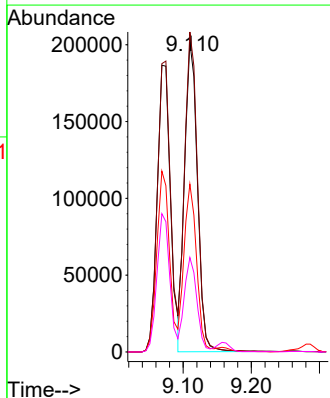


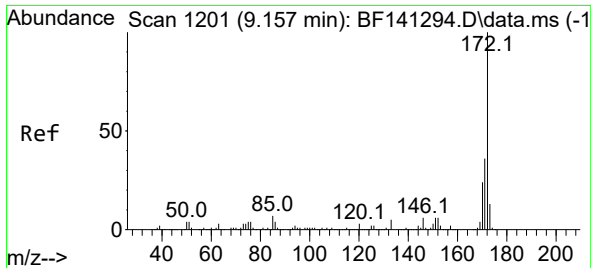
Tgt Ion:196 Resp: 252974
Ion Ratio Lower Upper
196 100
198 100.5 81.8 122.6
200 32.1 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 48.260 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:196 Resp: 263745
Ion Ratio Lower Upper
196 100
198 103.2 80.5 120.7
97 54.1 42.8 64.2
132 30.5 23.5 35.3

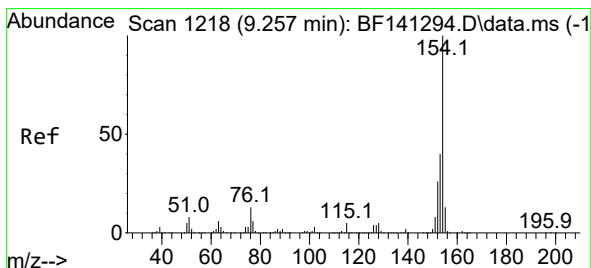
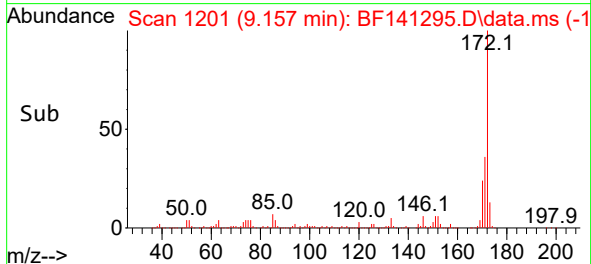
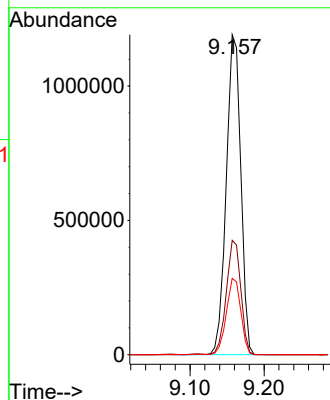
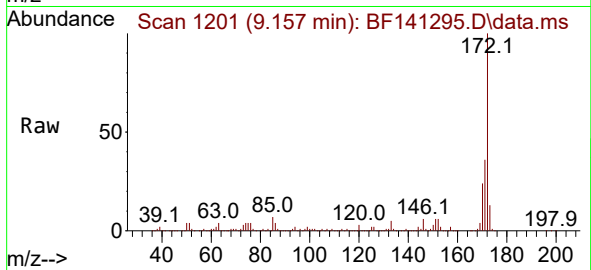




#45
2-Fluorobiphenyl
Concen: 92.514 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

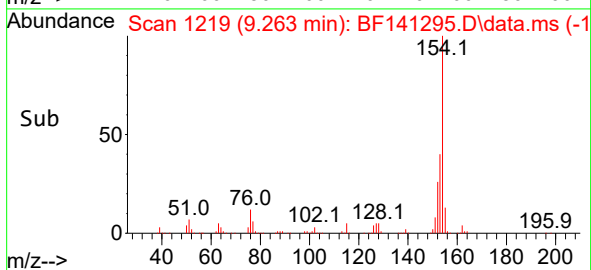
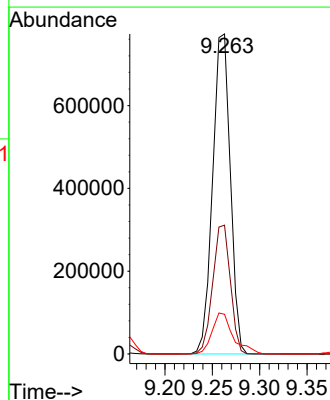
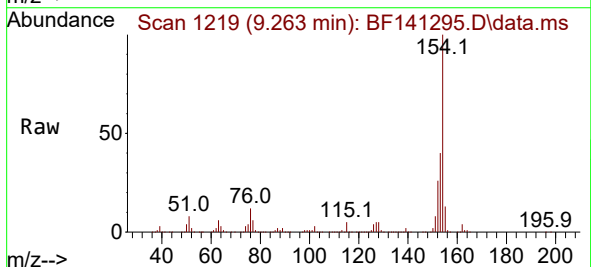
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

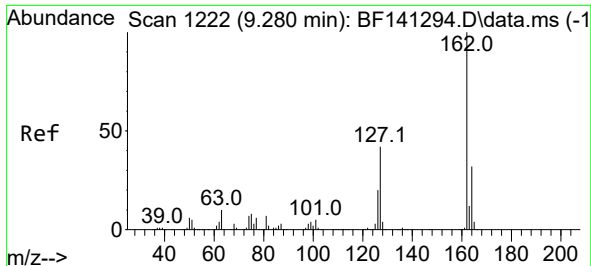
Tgt Ion:172 Resp: 1620825
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.825 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:154 Resp: 1005774
Ion Ratio Lower Upper
154 100
153 40.3 20.0 60.0
76 12.4 0.0 32.8

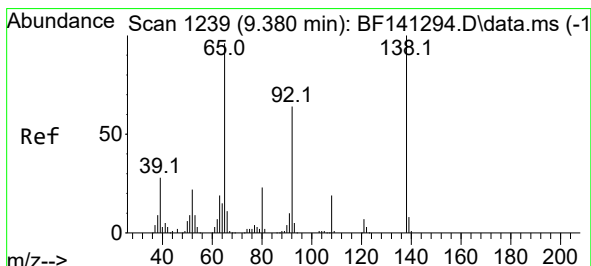
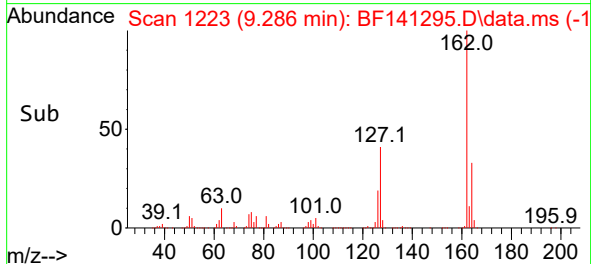
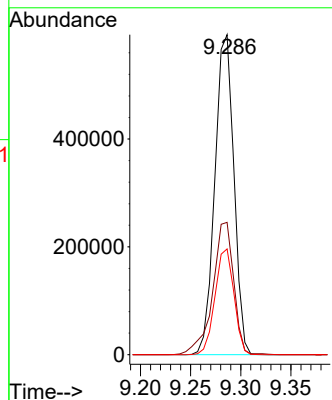
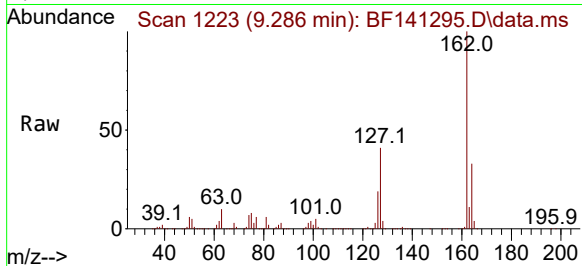




#47
2-Chloronaphthalene
Concen: 47.683 ng
RT: 9.286 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

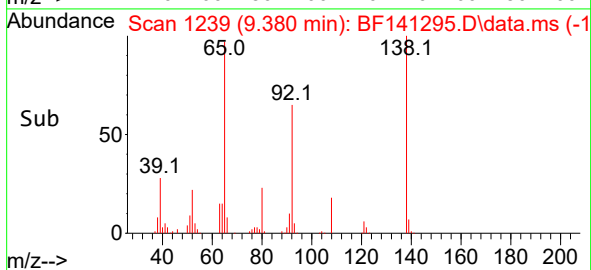
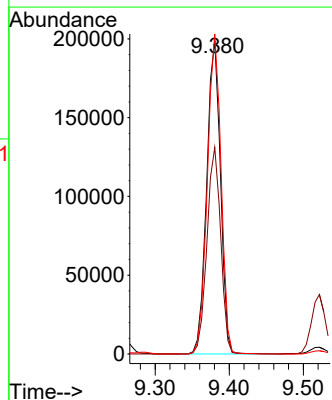
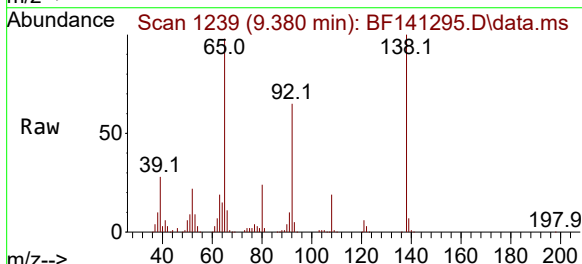
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

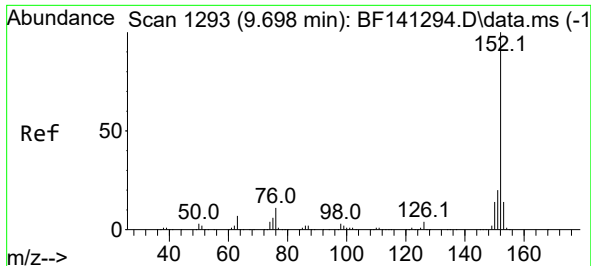
Tgt Ion:162 Resp: 781613
Ion Ratio Lower Upper
162 100
127 41.3 33.7 50.5
164 33.0 25.9 38.9



#48
2-Nitroaniline
Concen: 49.884 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 65 Resp: 257199
Ion Ratio Lower Upper
65 100
92 66.0 53.3 79.9
138 102.3 83.6 125.4





#49

Acenaphthylene

Concen: 47.600 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

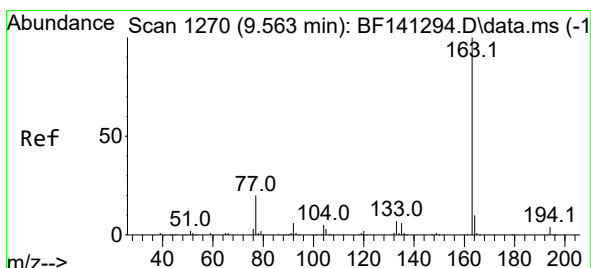
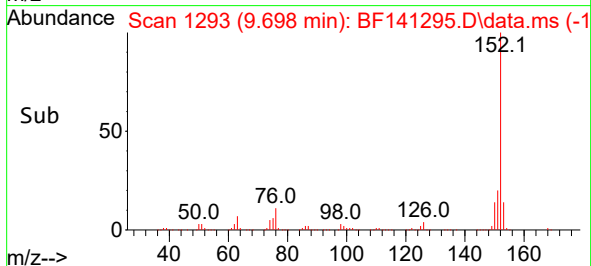
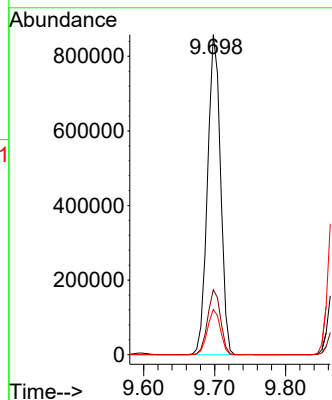
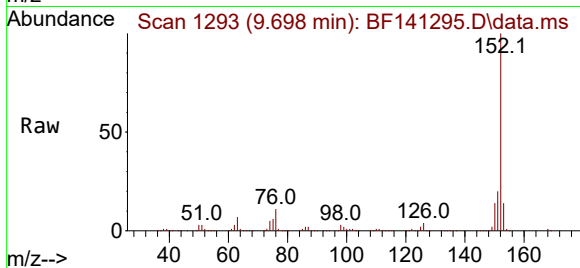
Tgt Ion:152 Resp: 1092234

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 14.2 11.0 16.6



#50

Dimethylphthalate

Concen: 48.074 ng

RT: 9.563 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

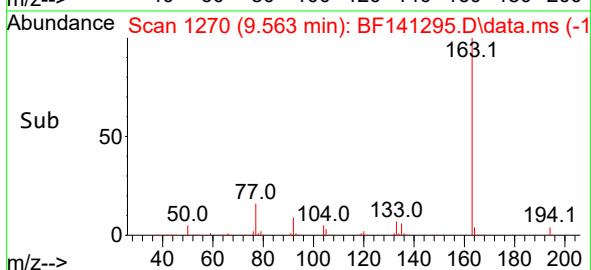
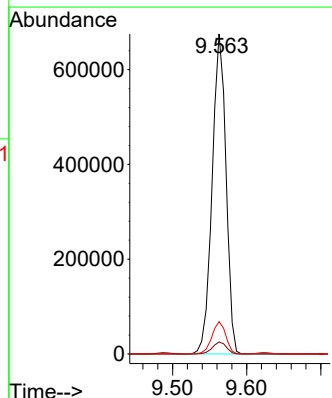
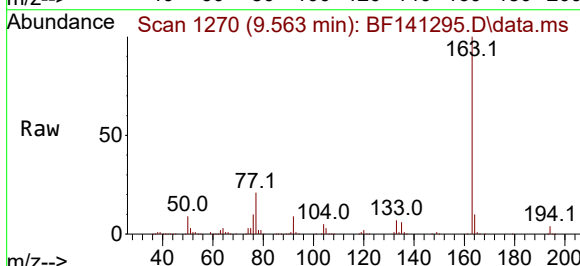
Tgt Ion:163 Resp: 875569

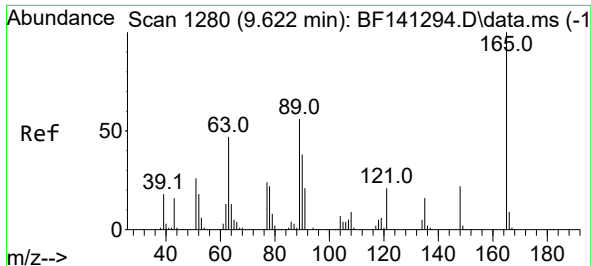
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.1 8.0 12.0

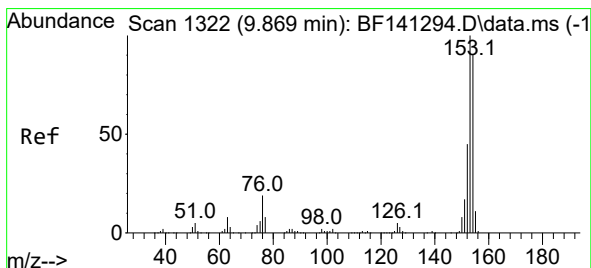
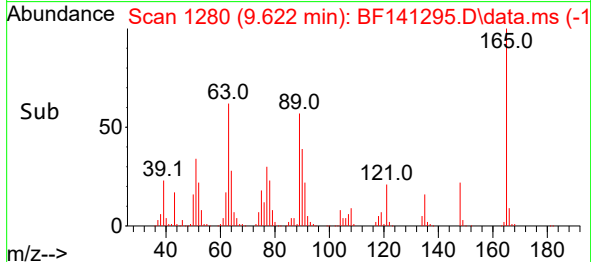
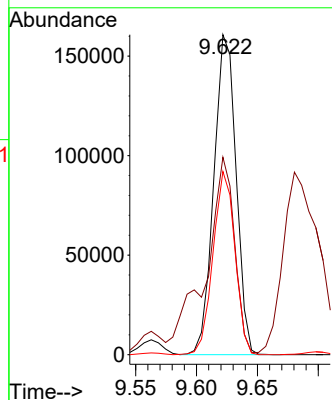
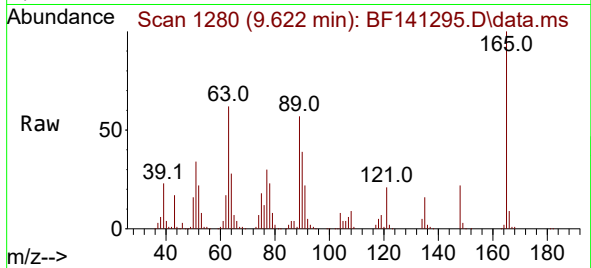




#51
2,6-Dinitrotoluene
Concen: 48.457 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

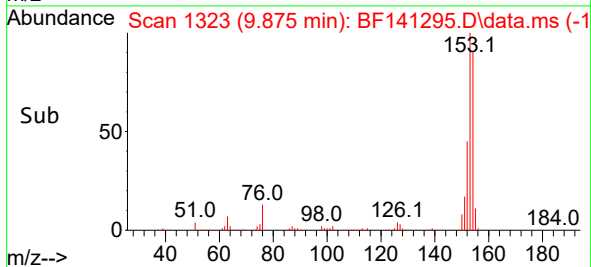
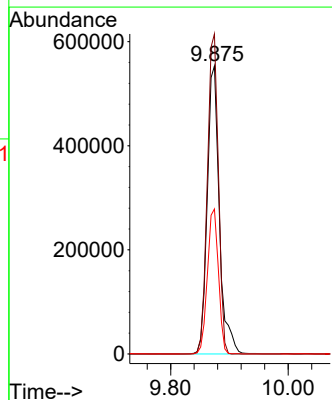
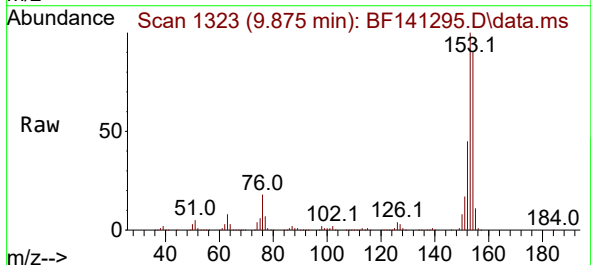
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

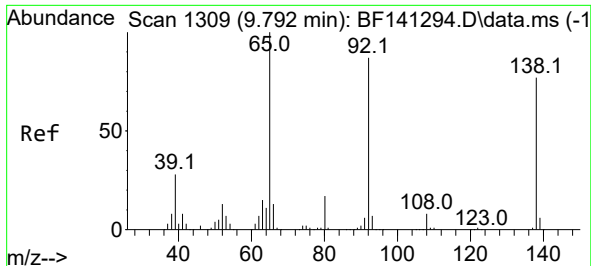
Tgt Ion:165 Resp: 204917
Ion Ratio Lower Upper
165 100
63 61.7 48.1 72.1
89 57.3 44.9 67.3



#52
Acenaphthene
Concen: 48.134 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:154 Resp: 789039
Ion Ratio Lower Upper
154 100
153 111.1 89.0 133.4
152 50.3 40.2 60.4

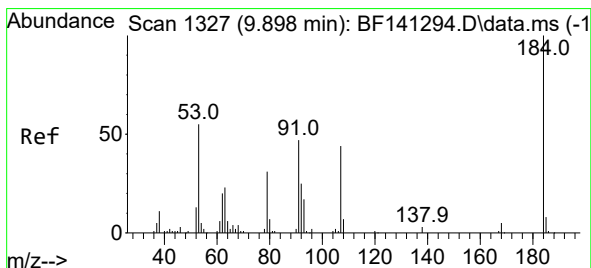
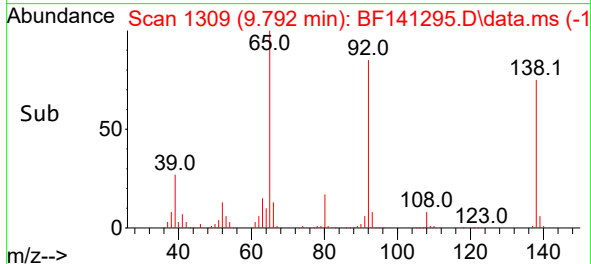
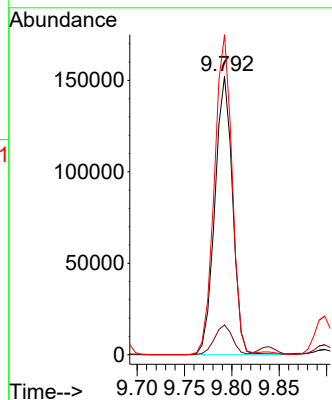
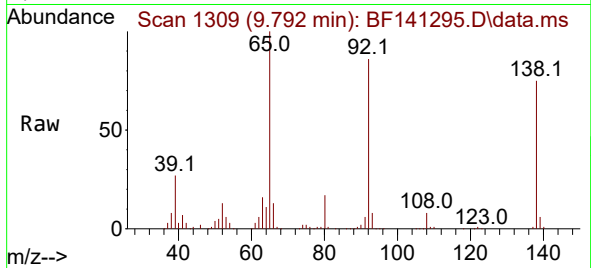




#53
3-Nitroaniline
Concen: 47.731 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

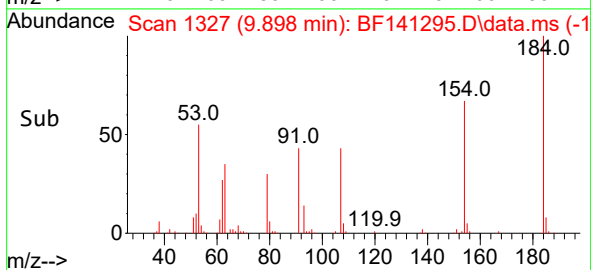
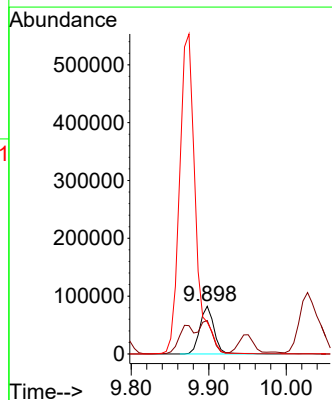
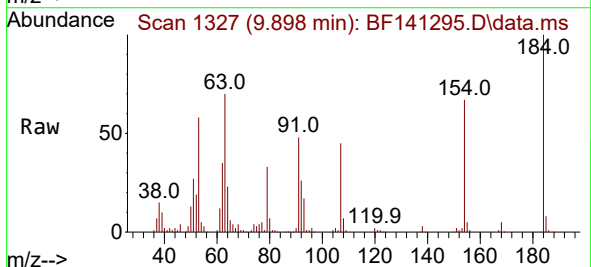
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

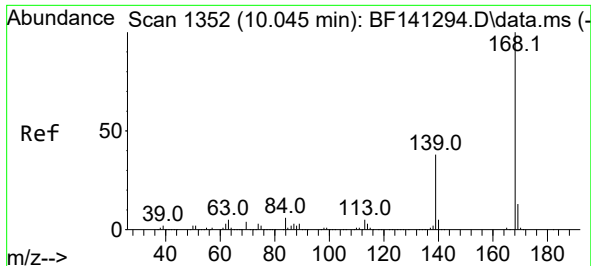
Tgt Ion:138 Resp: 197832
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 115.0 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 53.573 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:184 Resp: 105313
Ion Ratio Lower Upper
184 100
63 70.3 54.1 81.1
154 66.8 50.7 76.1

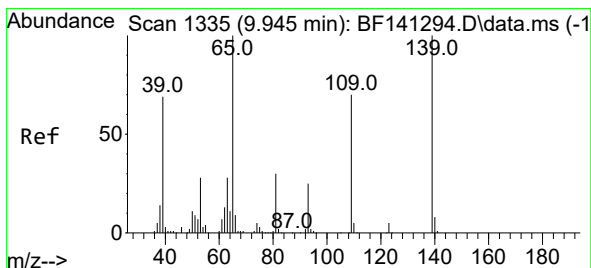
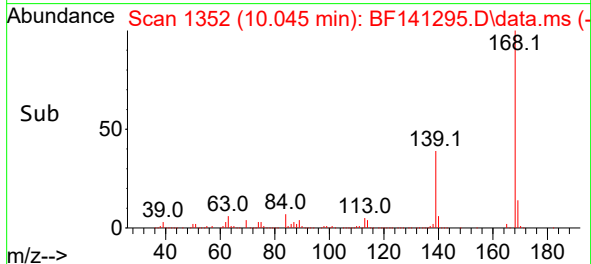
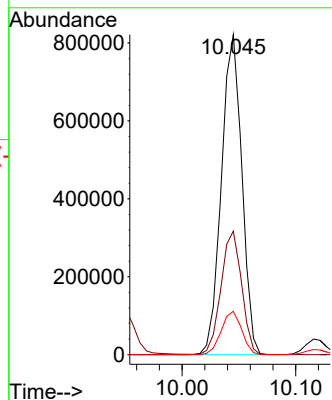
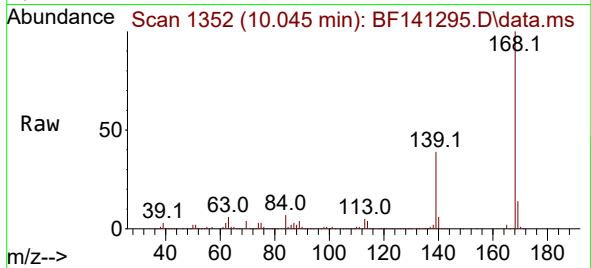




#55
Dibenzenofuran
Concen: 46.858 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

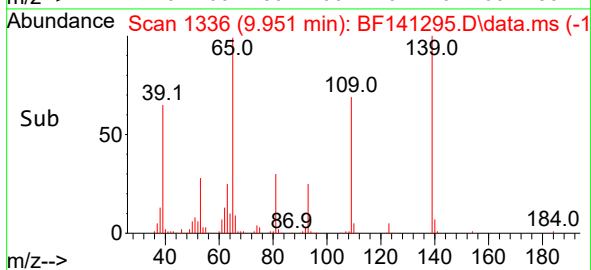
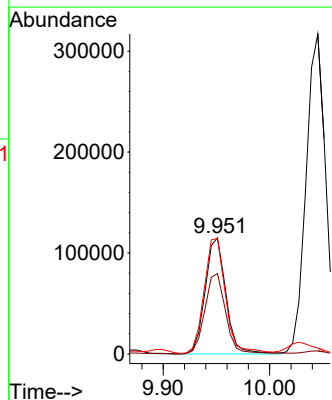
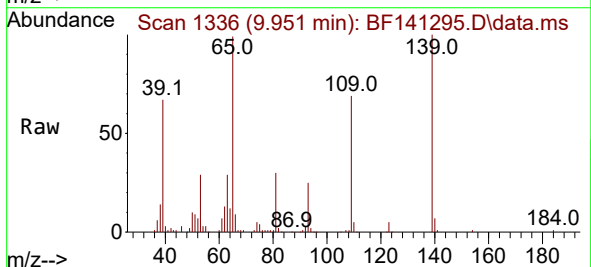
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

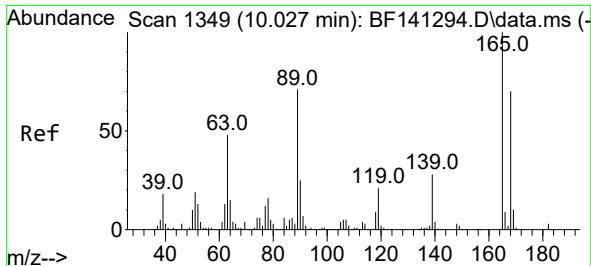
Tgt Ion:168 Resp: 1028182
Ion Ratio Lower Upper
168 100
139 38.6 30.6 46.0
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 51.331 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:139 Resp: 155594
Ion Ratio Lower Upper
139 100
109 69.3 50.2 90.2
65 99.5 80.6 120.6

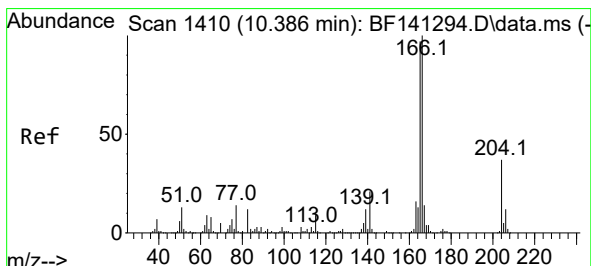
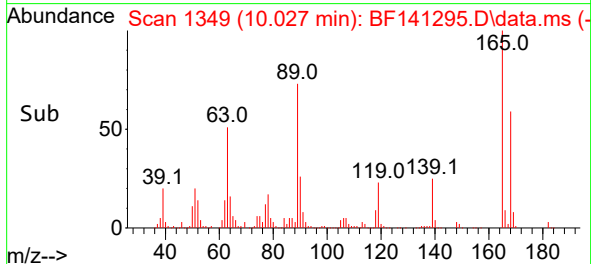
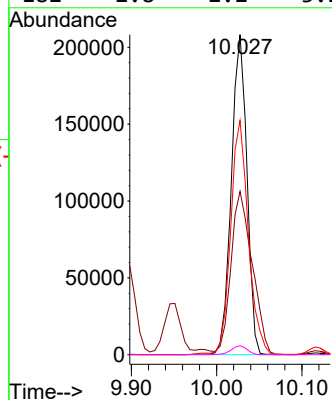
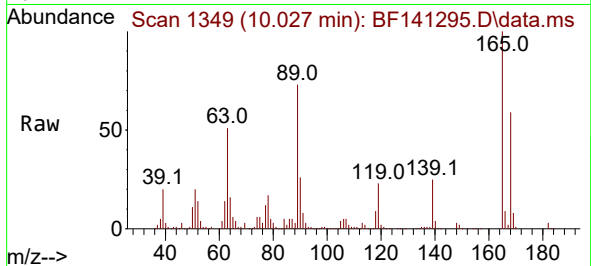




#57
2,4-Dinitrotoluene
Concen: 48.277 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

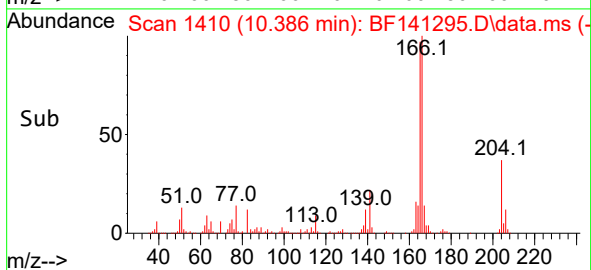
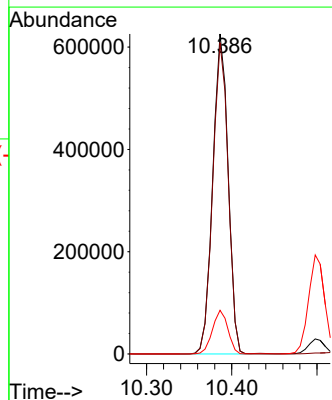
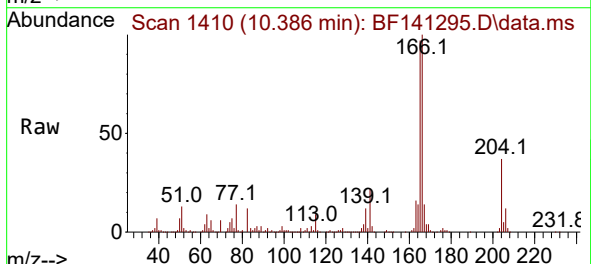
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

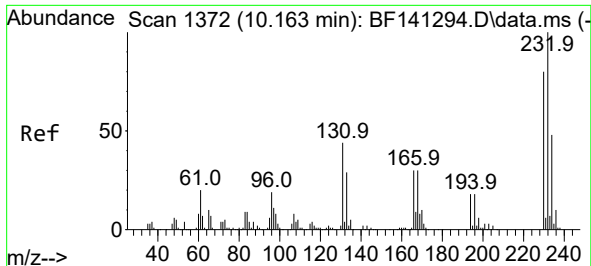
Tgt Ion:165 Resp: 264325
Ion Ratio Lower Upper
165 100
63 51.0 39.2 58.8
89 73.1 56.9 85.3
182 2.8 2.2 3.2



#58
Fluorene
Concen: 46.101 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:166 Resp: 784644
Ion Ratio Lower Upper
166 100
165 97.3 77.5 116.3
167 13.6 10.9 16.3

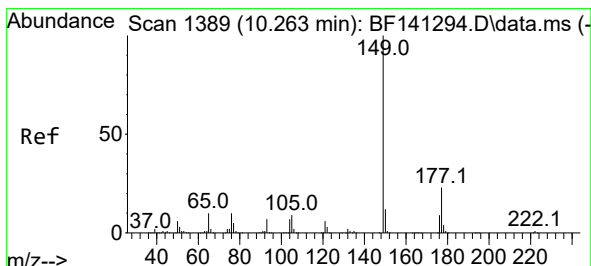
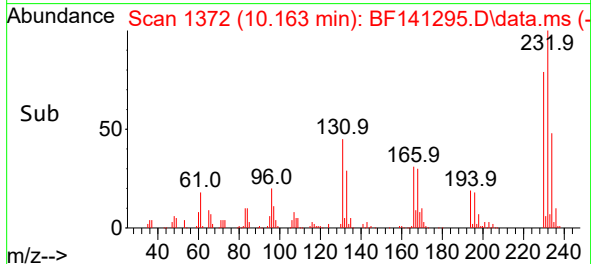
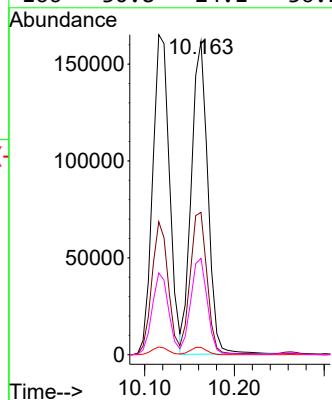
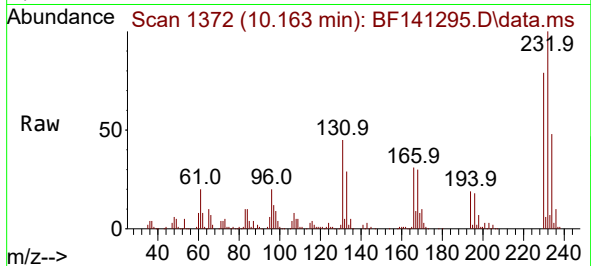




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.798 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

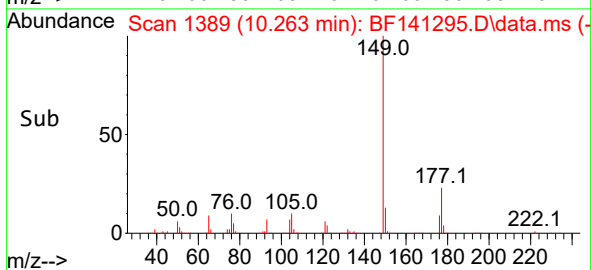
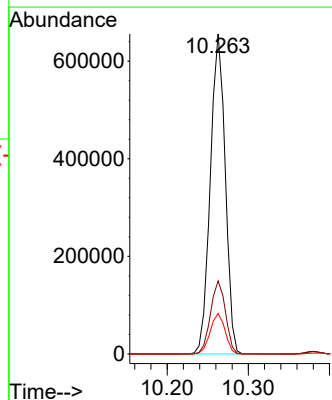
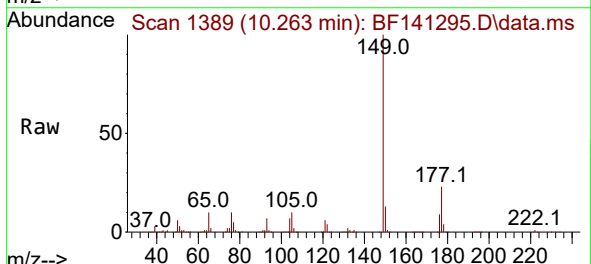
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

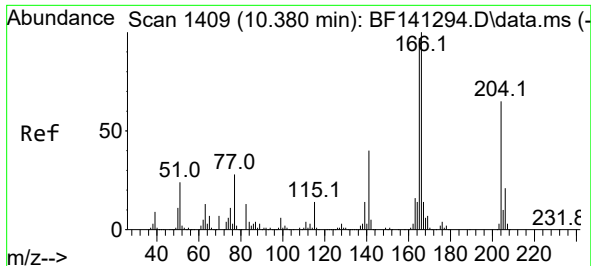
Tgt Ion:232 Resp: 205508
Ion Ratio Lower Upper
232 100
131 46.9 36.4 54.6
130 2.4 1.9 2.9
166 30.8 24.1 36.1



#60
Diethylphthalate
Concen: 47.272 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:149 Resp: 834803
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.7 10.0 15.0

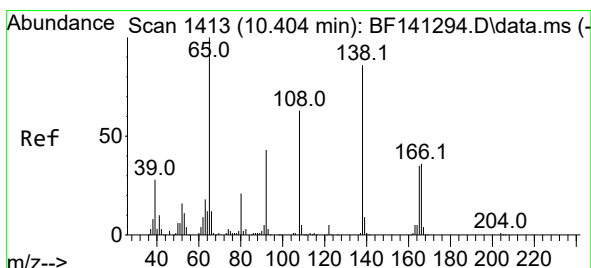
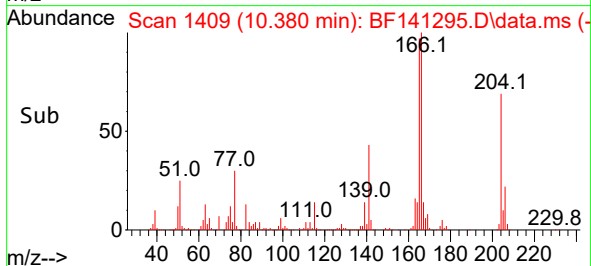
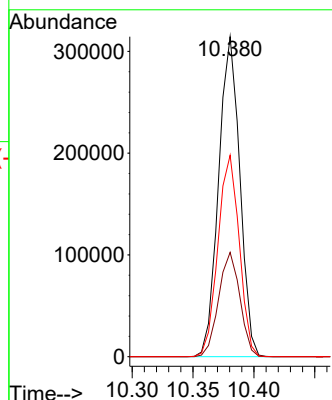
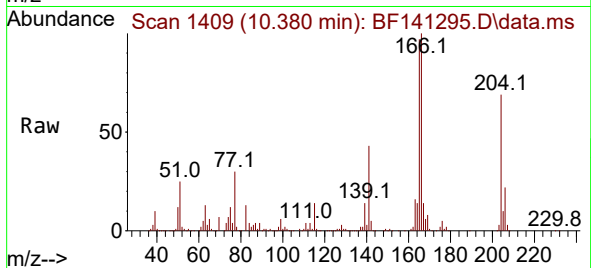




#61
4-Chlorophenyl-phenylether
Concen: 45.820 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

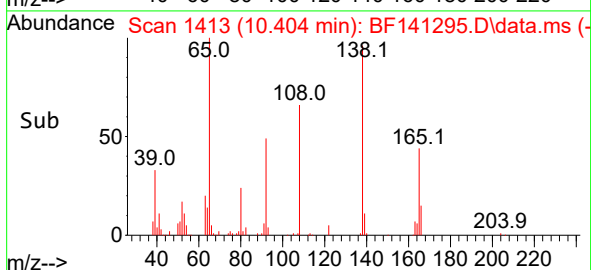
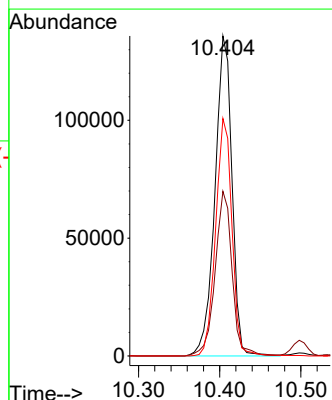
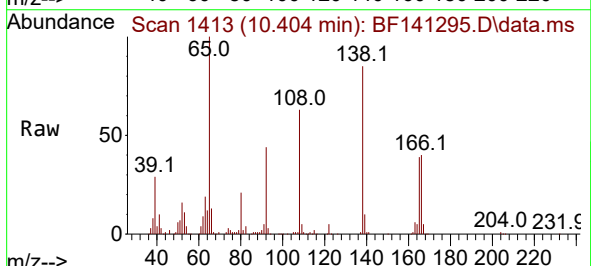
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

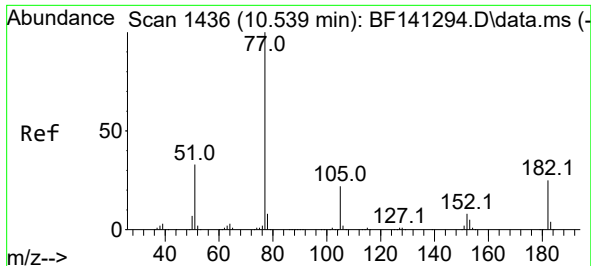
Tgt Ion:204 Resp: 380948
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 62.9 49.5 74.3



#62
4-Nitroaniline
Concen: 48.650 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:138 Resp: 198241
Ion Ratio Lower Upper
138 100
92 51.5 30.1 70.1
108 74.2 53.1 93.1

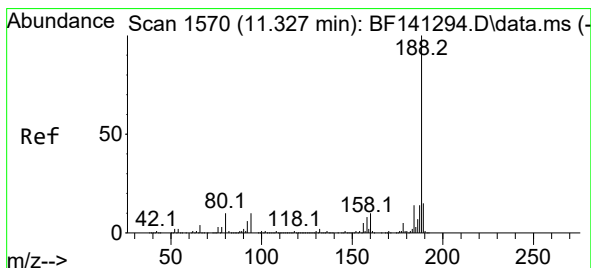
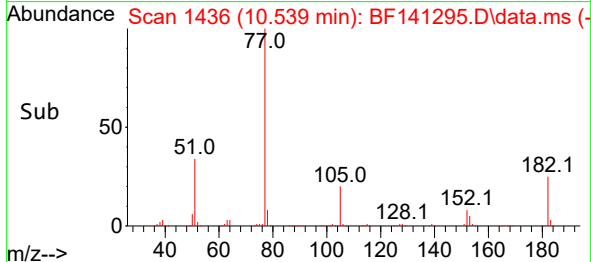
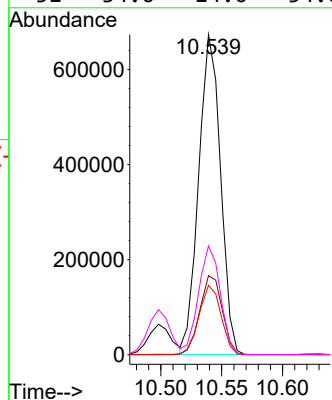
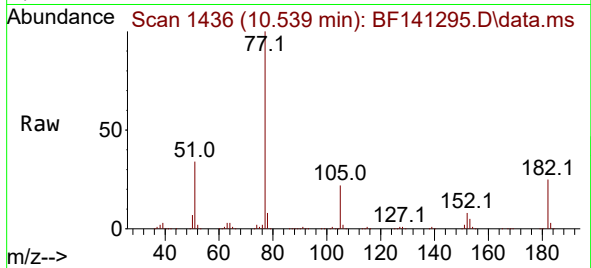




#63
Azobenzene
Concen: 47.625 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

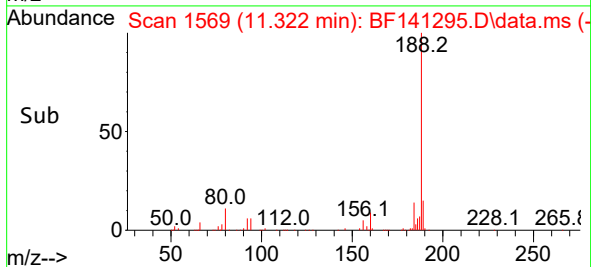
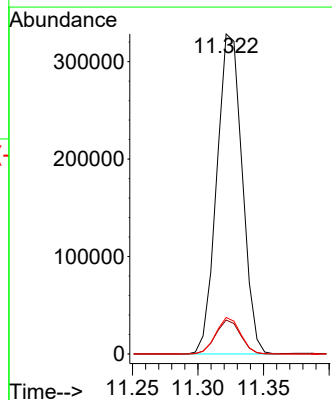
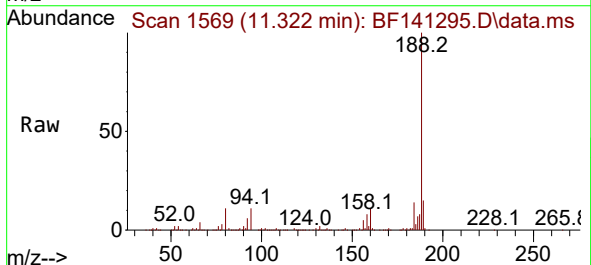
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

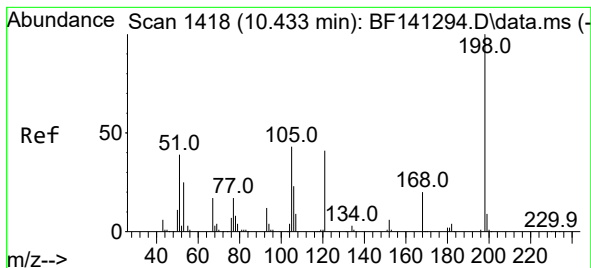
Tgt Ion: 77	Resp: 841851
Ion Ratio	Lower Upper
77 100	
182 24.7	5.1 45.1
105 21.7	1.8 41.8
51 34.0	14.0 54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:188	Resp: 442506
Ion Ratio	Lower Upper
188 100	
94 10.6	7.8 11.6
80 11.4	8.2 12.4

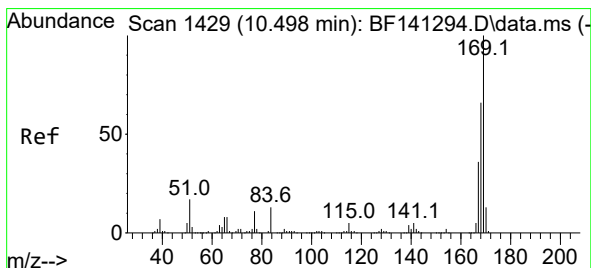
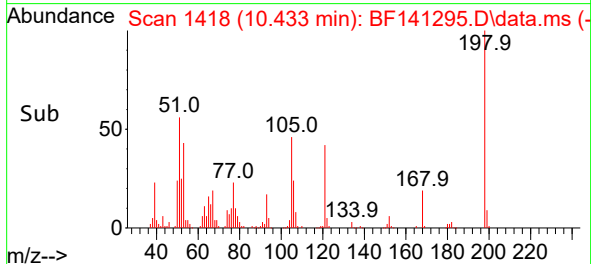
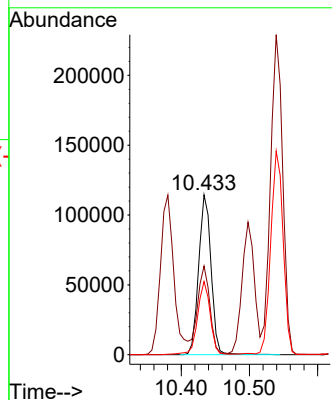
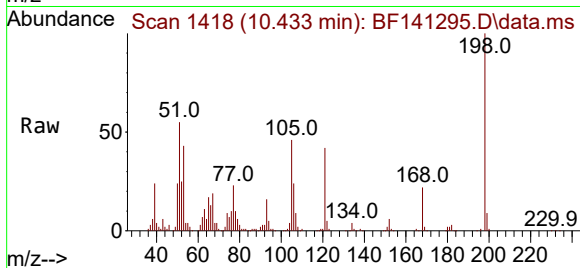




#65
4,6-Dinitro-2-methylphenol
Concen: 55.235 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

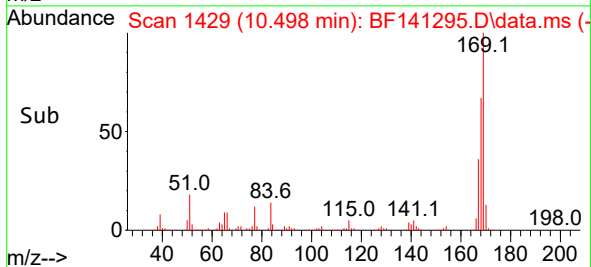
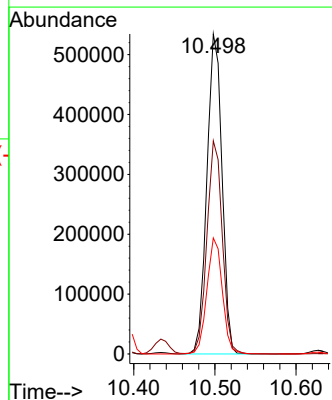
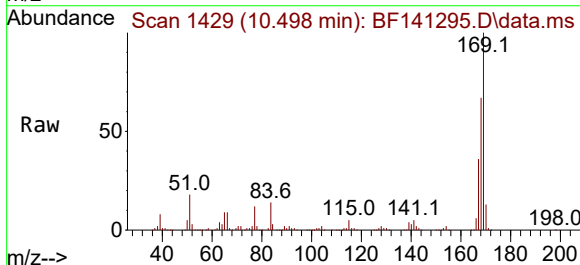
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

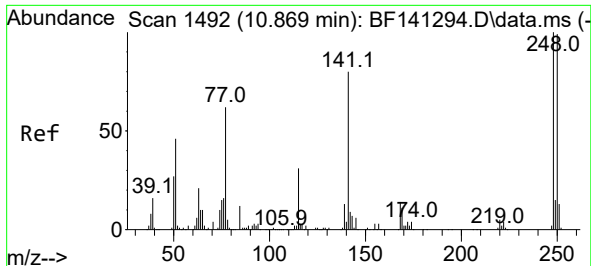
Tgt Ion:198 Resp: 144574
Ion Ratio Lower Upper
198 100
51 55.4 33.4 73.4
105 45.8 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 48.085 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:169 Resp: 688202
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.4
167 36.2 28.8 43.2

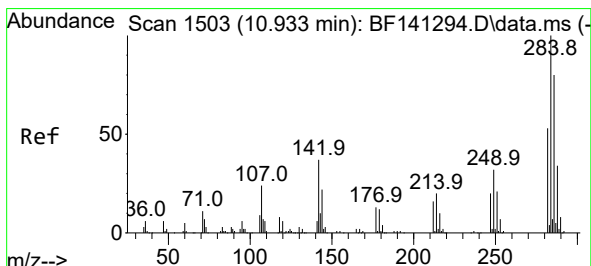
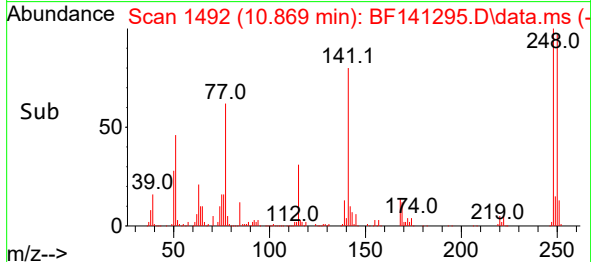
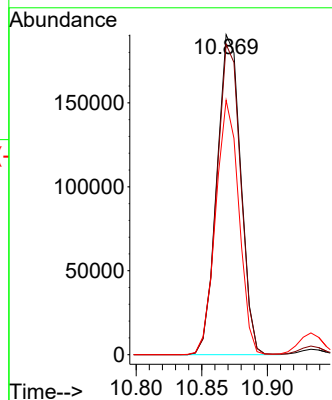
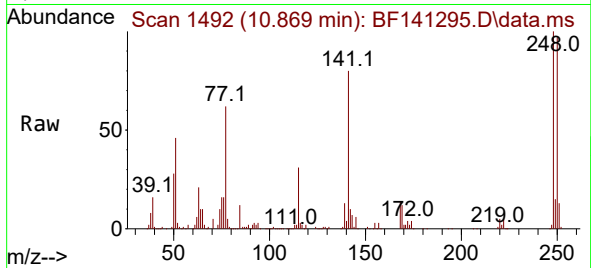




#67
4-Bromophenyl-phenylether
Concen: 48.673 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

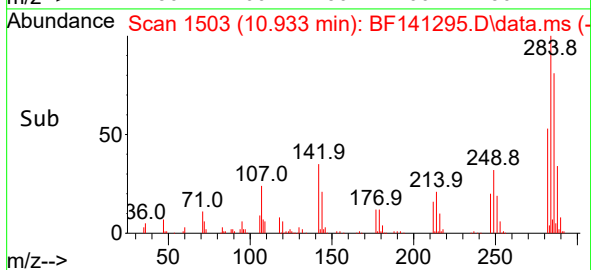
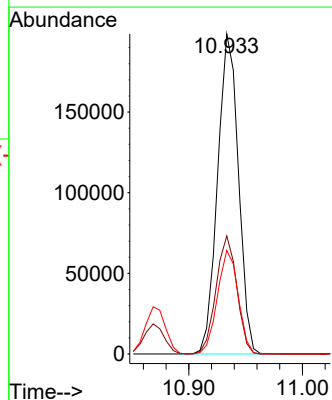
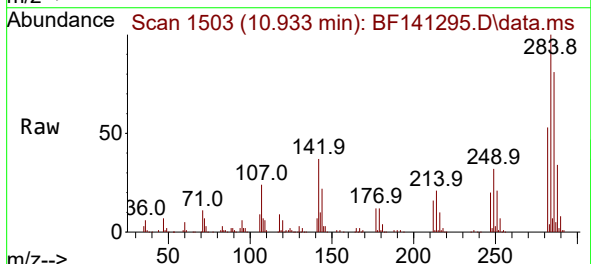
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

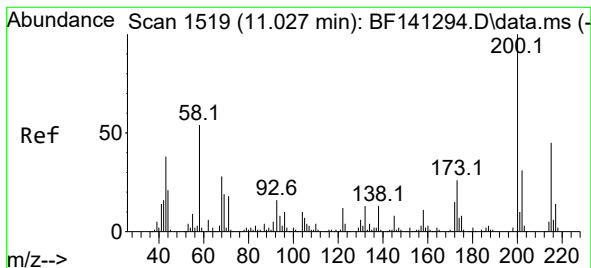
Tgt Ion:248 Resp: 241123
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.4
141 79.5 63.7 95.5



#68
Hexachlorobenzene
Concen: 48.178 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:284 Resp: 253174
Ion Ratio Lower Upper
284 100
142 36.9 29.5 44.3
249 32.3 25.4 38.2





#69

Atrazine

Concen: 49.734 ng

RT: 11.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

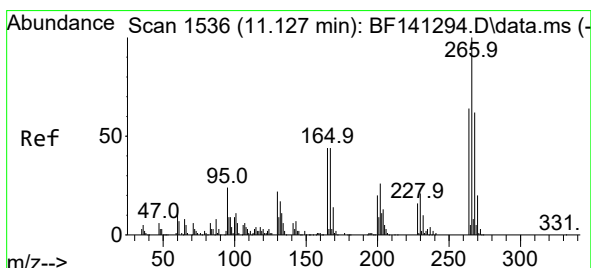
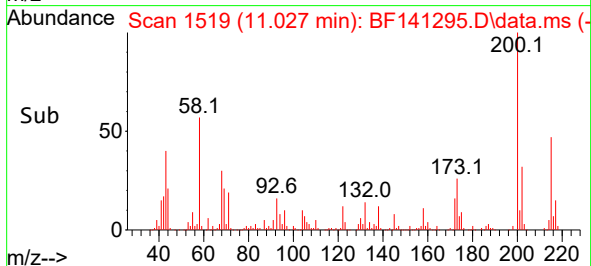
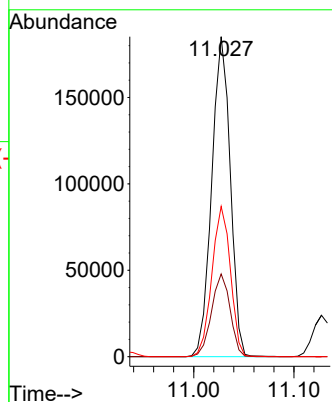
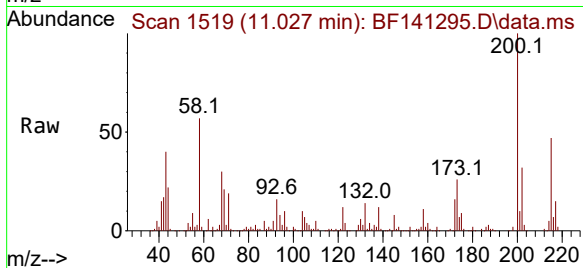
Tgt Ion:200 Resp: 237991

Ion Ratio Lower Upper

200 100

173 25.9 5.9 45.9

215 46.9 25.2 65.2



#70

Pentachlorophenol

Concen: 52.505 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

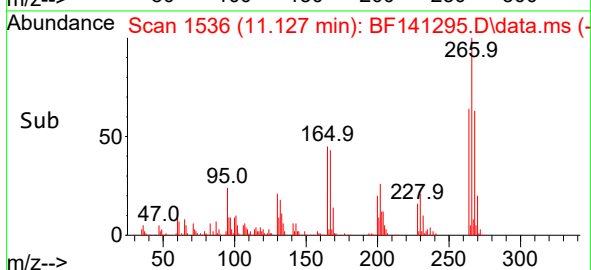
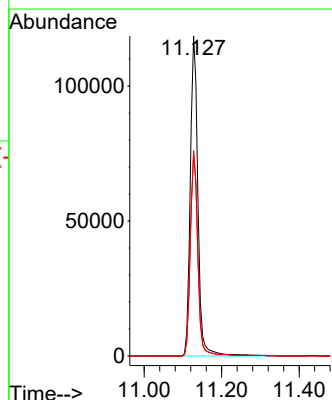
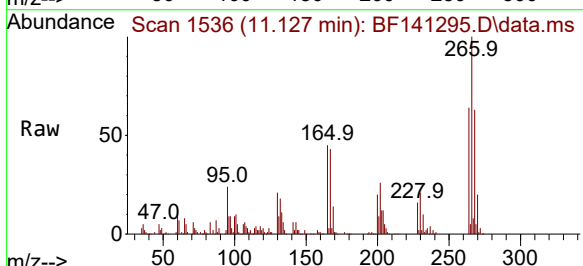
Tgt Ion:266 Resp: 161568

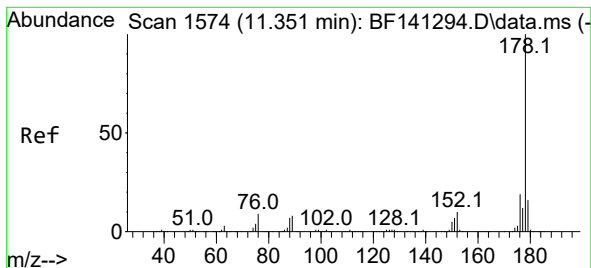
Ion Ratio Lower Upper

266 100

268 63.3 49.9 74.9

264 64.1 51.0 76.4





#71

Phenanthrene

Concen: 46.872 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

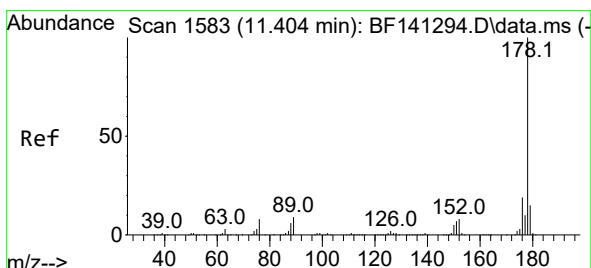
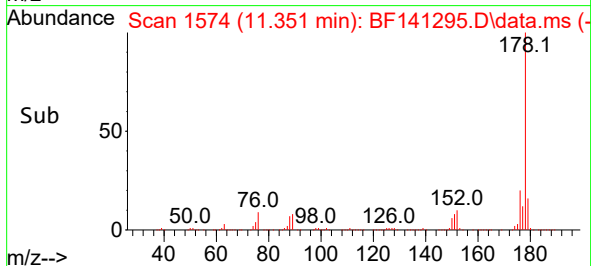
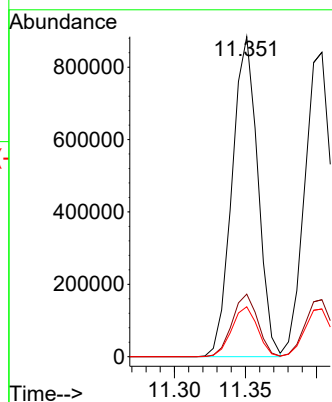
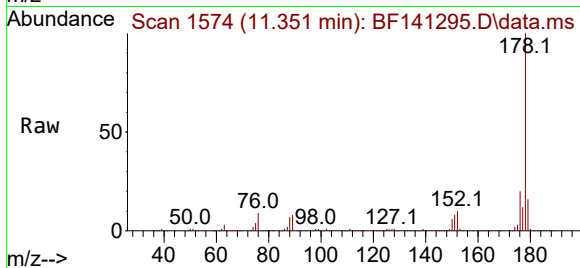
Tgt Ion:178 Resp: 1114920

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.6 12.5 18.7



#72

Anthracene

Concen: 47.441 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

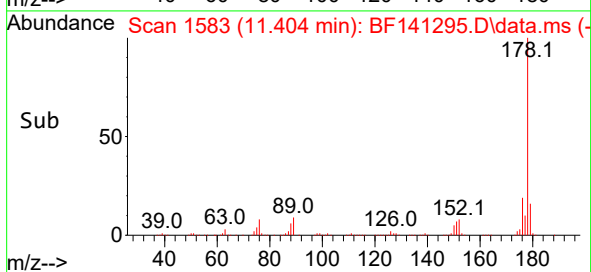
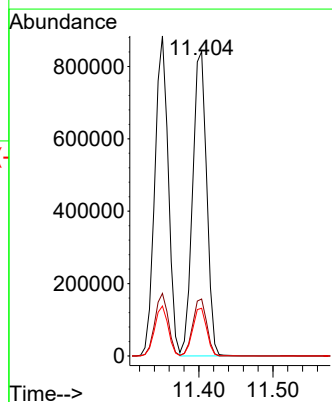
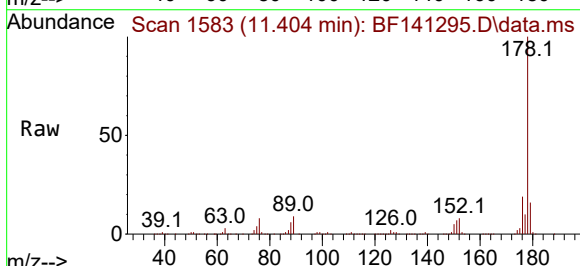
Tgt Ion:178 Resp: 1105681

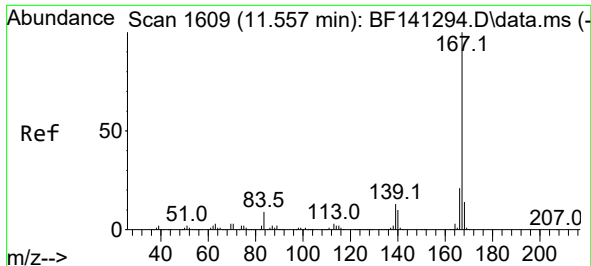
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 15.6 12.3 18.5

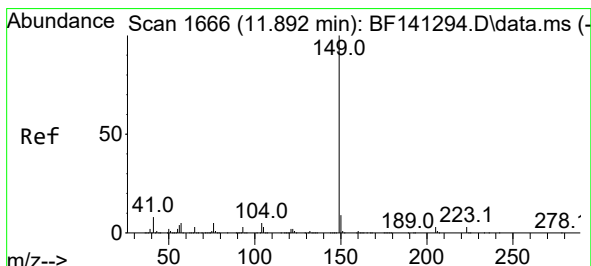
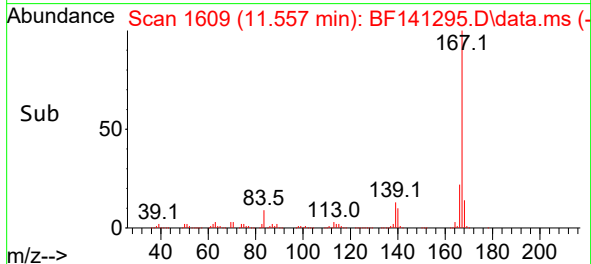
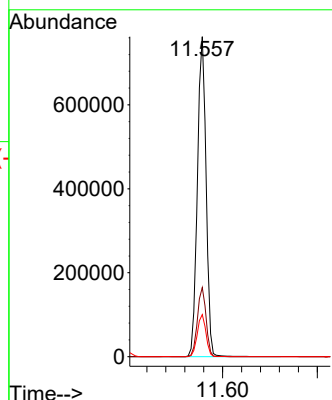
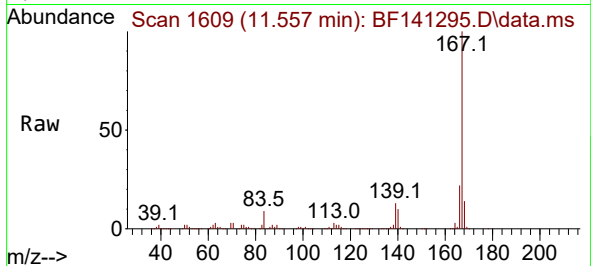




#73
 Carbazole
 Concen: 47.011 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141295.D
 Acq: 29 Jan 2025 16:11

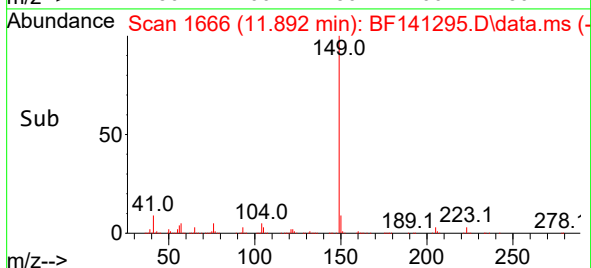
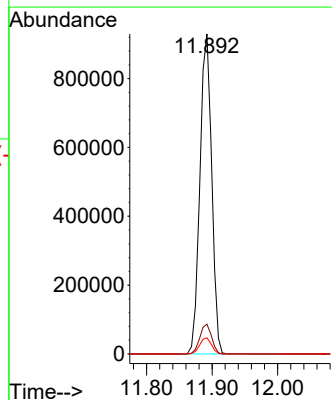
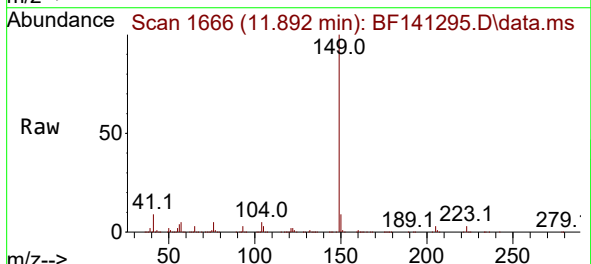
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

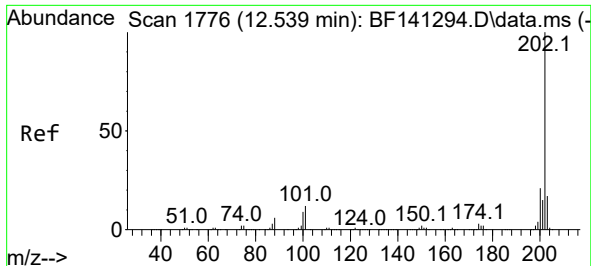
Tgt Ion:167 Resp: 971542
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.420 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141295.D
 Acq: 29 Jan 2025 16:11

Tgt Ion:149 Resp: 1162607
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 3.9 5.9

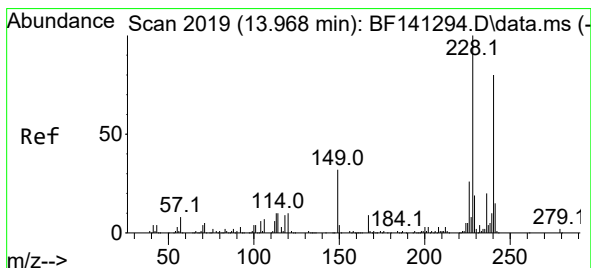
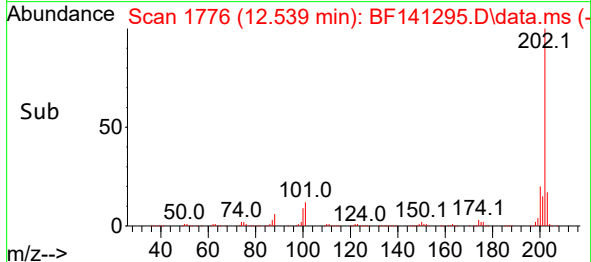
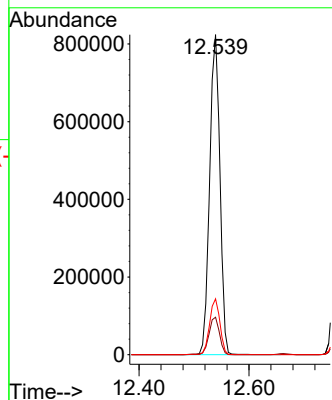
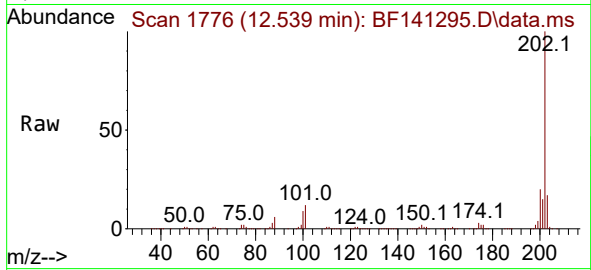




#75
Fluoranthene
Concen: 45.367 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

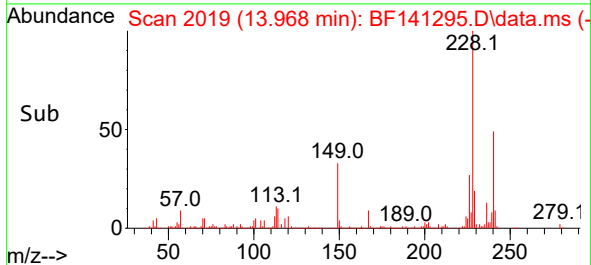
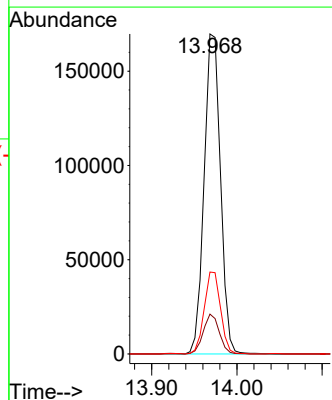
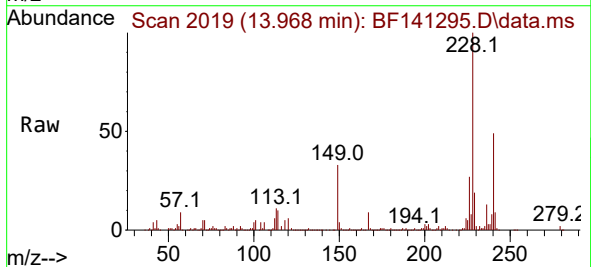
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

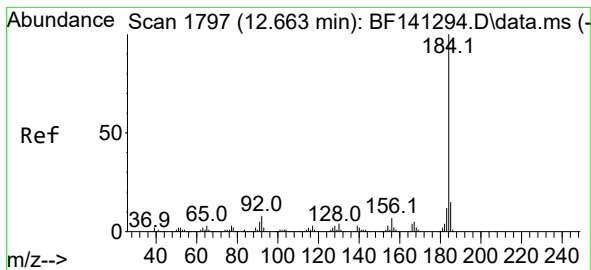
Tgt Ion:202 Resp: 1065514
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:240 Resp: 226571
Ion Ratio Lower Upper
240 100
120 12.5 10.0 15.0
236 25.6 19.7 29.5





#77

Benzidine

Concen: 70.676 ng

RT: 12.663 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

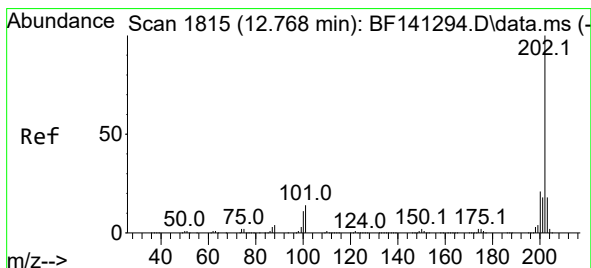
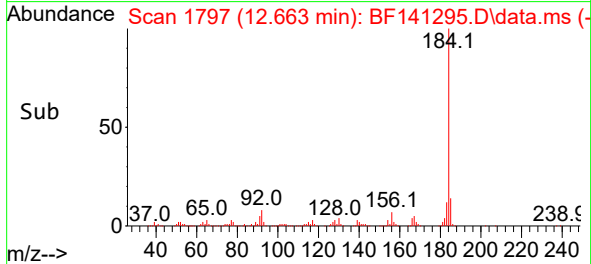
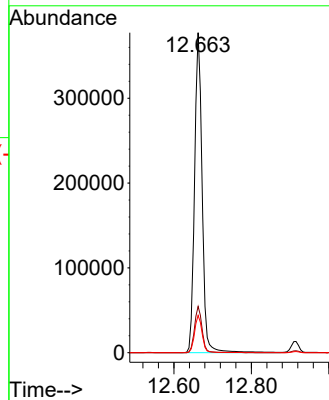
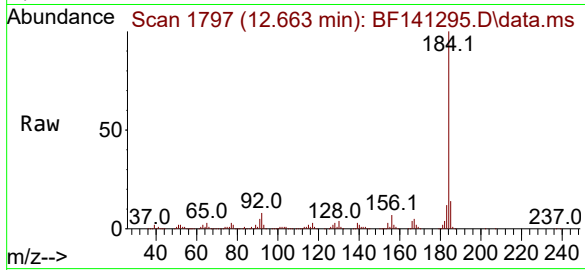
Tgt Ion:184 Resp: 513358

Ion Ratio Lower Upper

184 100

185 14.5 11.9 17.9

183 11.7 9.5 14.3



#78

Pyrene

Concen: 48.695 ng

RT: 12.768 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

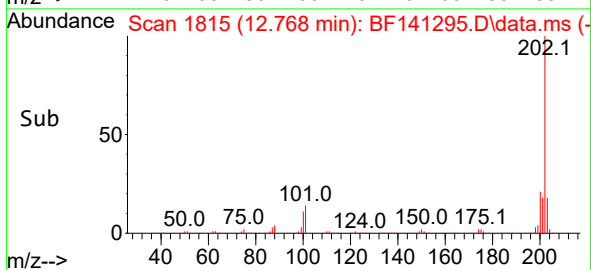
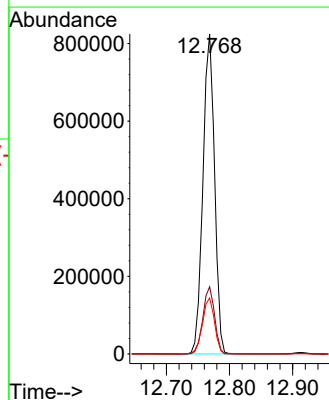
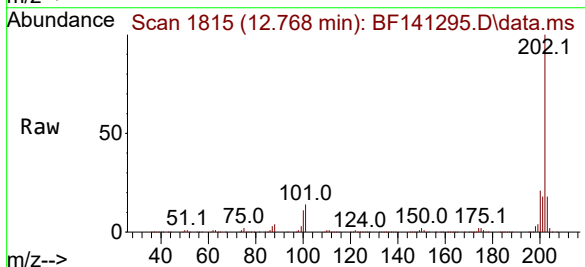
Tgt Ion:202 Resp: 1059044

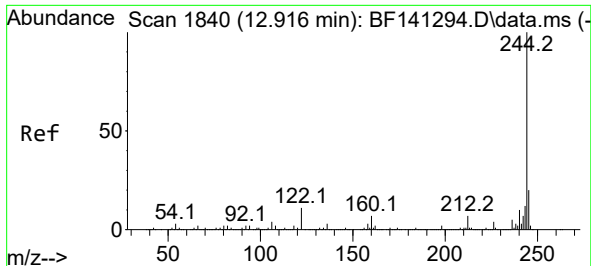
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

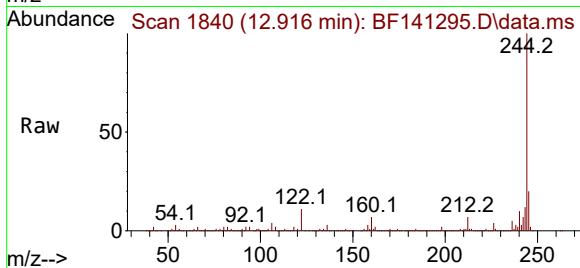
203 17.5 14.3 21.5





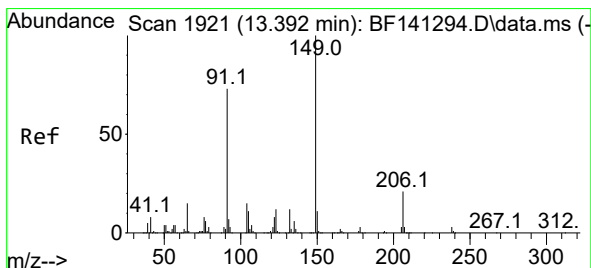
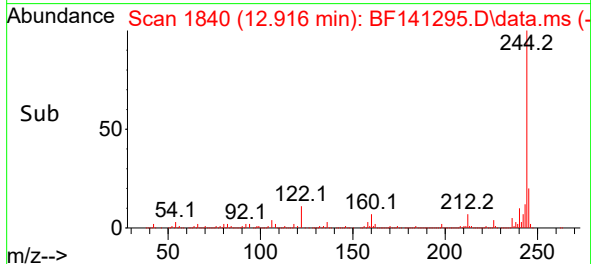
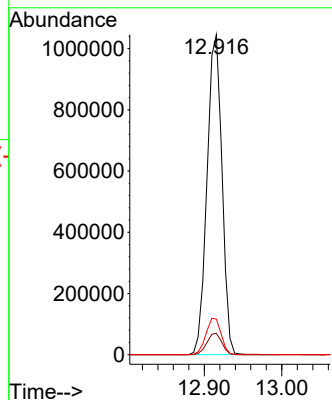
#79
 Terphenyl-d14
 Concen: 95.436 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141295.D
 Acq: 29 Jan 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



Tgt Ion:244 Resp: 1402103

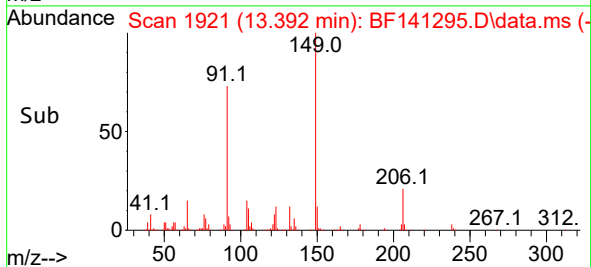
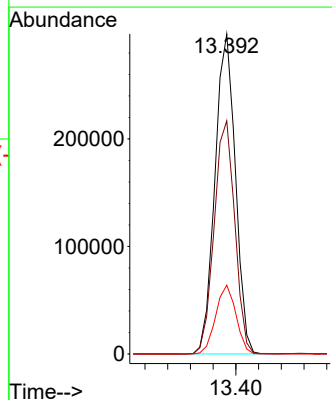
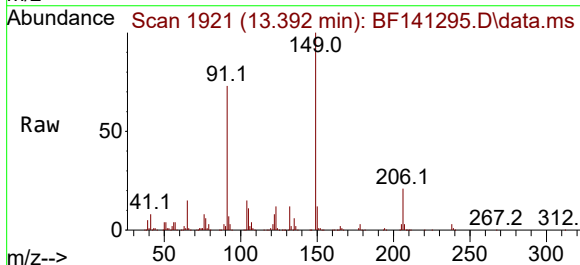
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	8.8	13.2

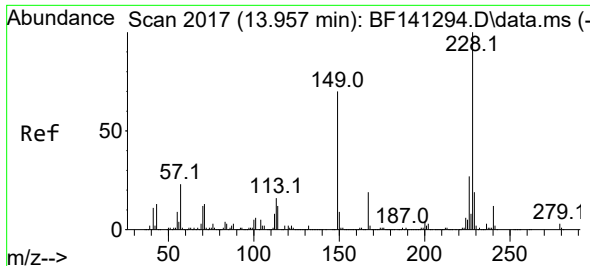


#80
 Butylbenzylphthalate
 Concen: 48.945 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141295.D
 Acq: 29 Jan 2025 16:11

Tgt Ion:149 Resp: 371889

Ion	Ratio	Lower	Upper
149	100		
91	72.9	58.6	87.8
206	21.5	16.7	25.1

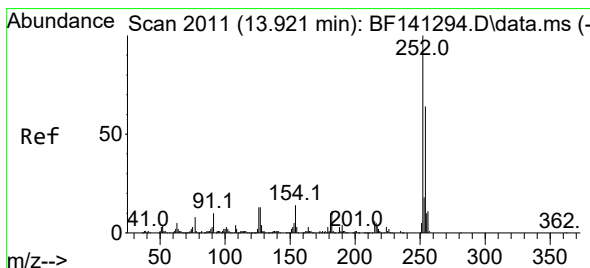
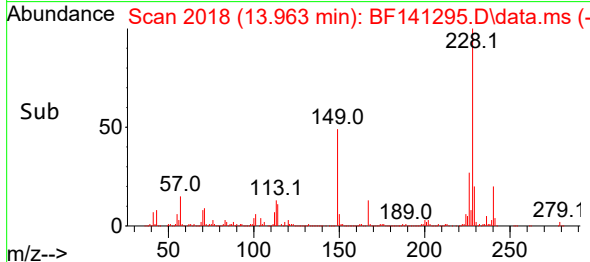
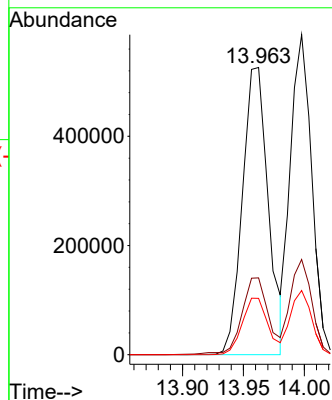
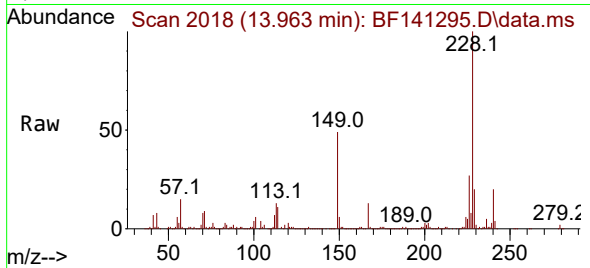




#81
Benzo(a)anthracene
Concen: 49.820 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

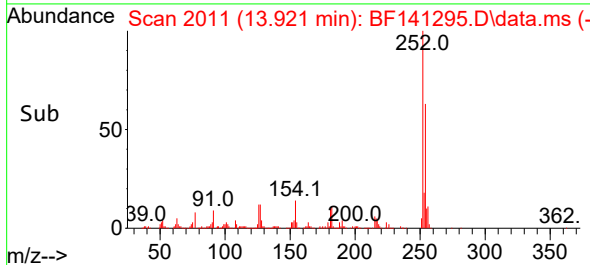
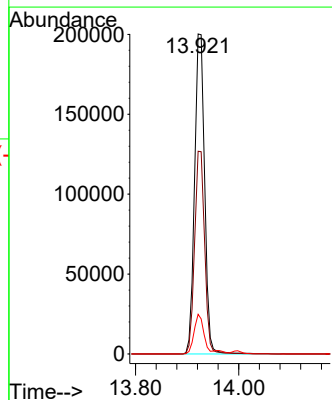
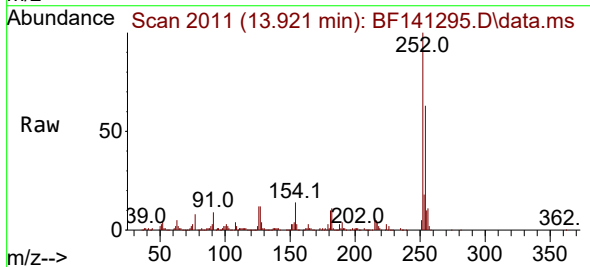
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

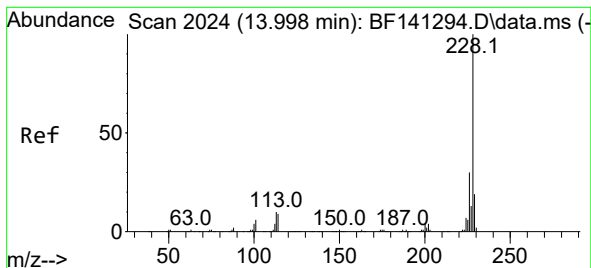
Tgt Ion:228 Resp: 778922
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 19.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 54.413 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:252 Resp: 270572
Ion Ratio Lower Upper
252 100
254 63.3 51.3 76.9
126 12.4 10.0 15.0





#83

Chrysene

Concen: 50.079 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

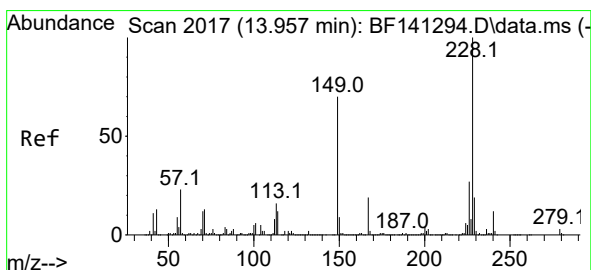
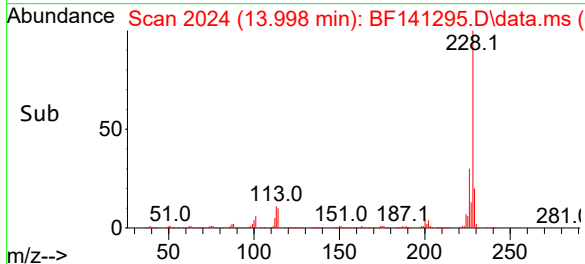
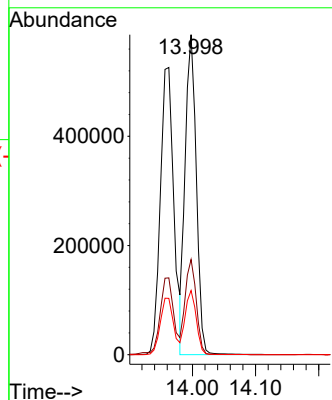
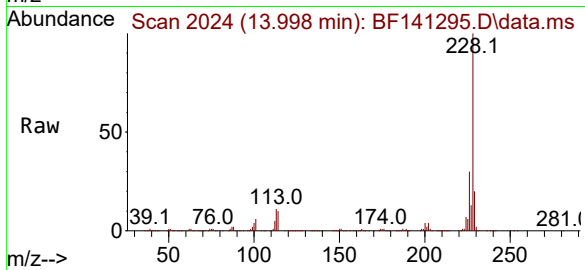
Tgt Ion:228 Resp: 717569

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 20.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.809 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

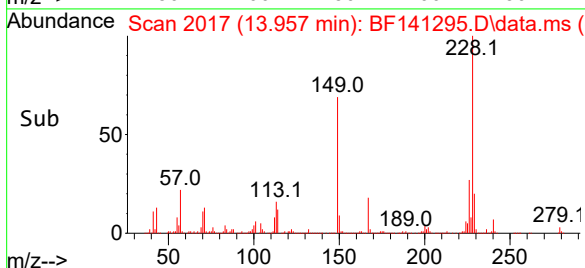
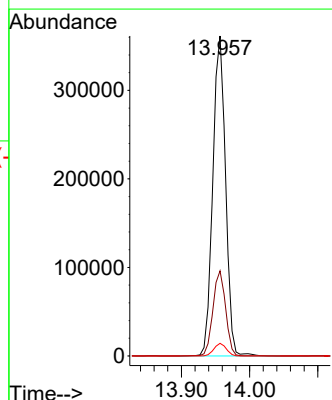
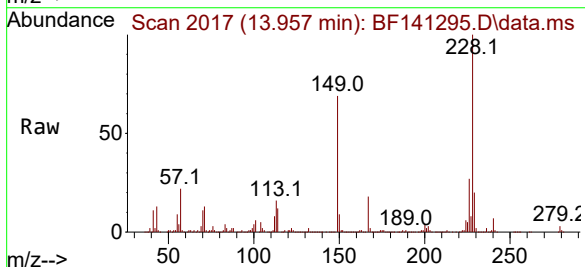
Tgt Ion:149 Resp: 470441

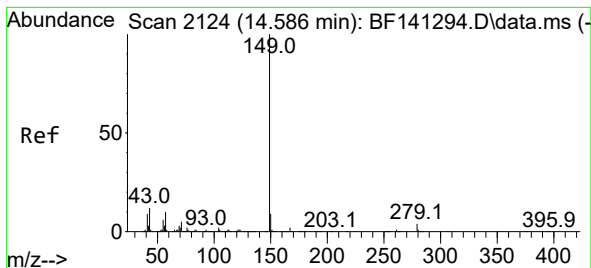
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.638 ng

RT: 14.586 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

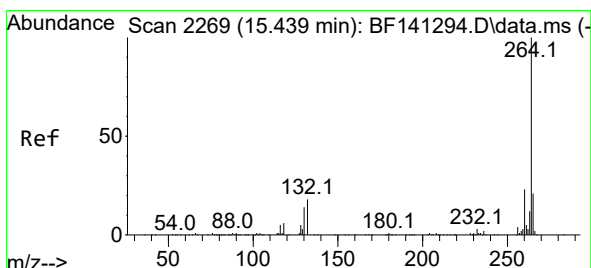
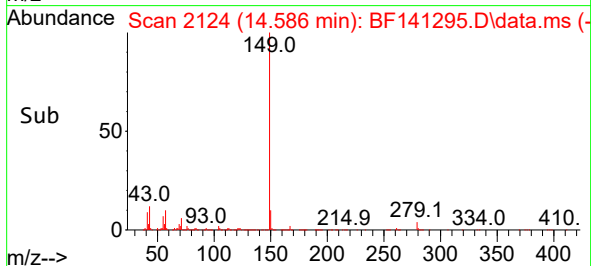
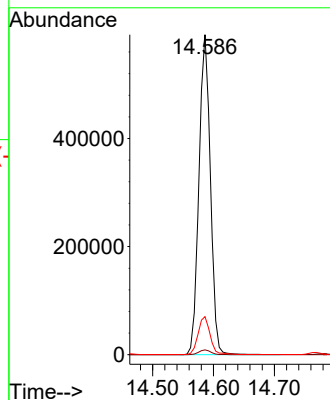
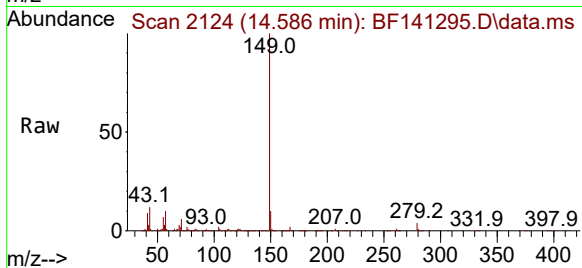
Tgt Ion:149 Resp: 773037

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.4 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

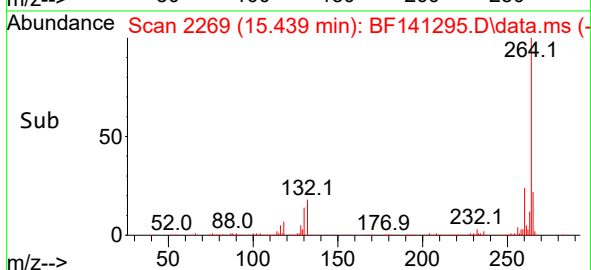
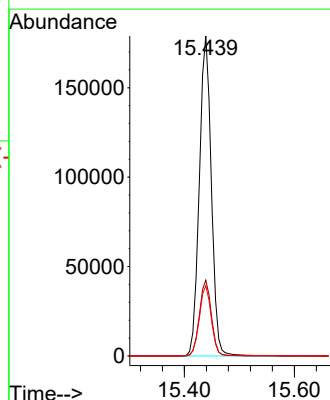
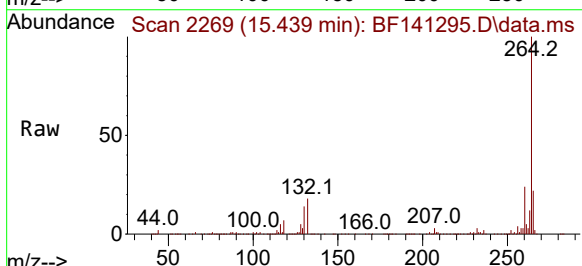
Tgt Ion:264 Resp: 272084

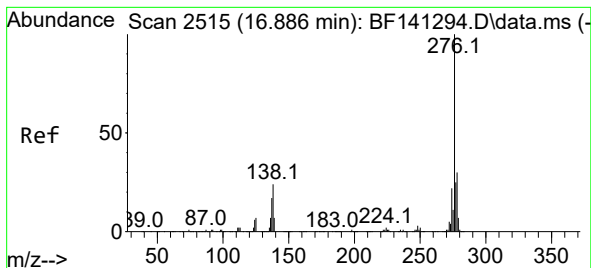
Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 22.0 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.202 ng

RT: 16.892 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

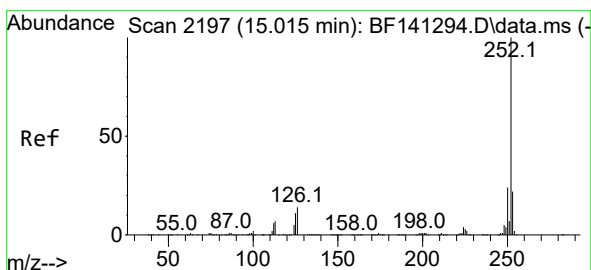
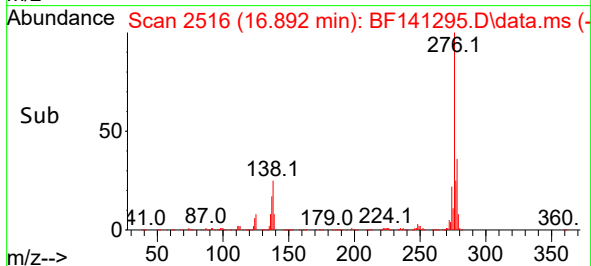
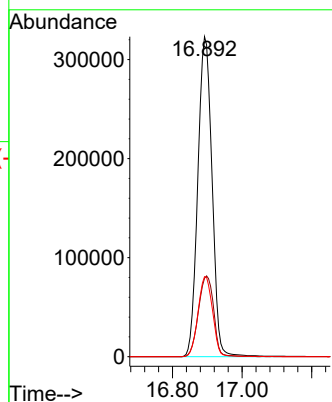
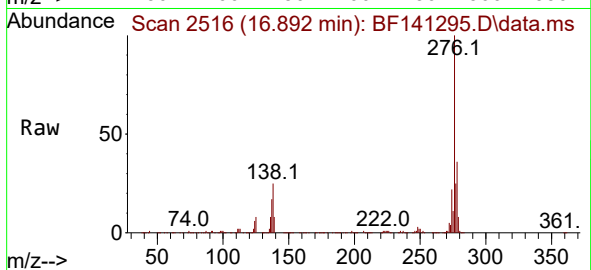
Tgt Ion:276 Resp: 916714

Ion Ratio Lower Upper

276 100

138 27.0 21.7 32.5

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 50.269 ng

RT: 15.015 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

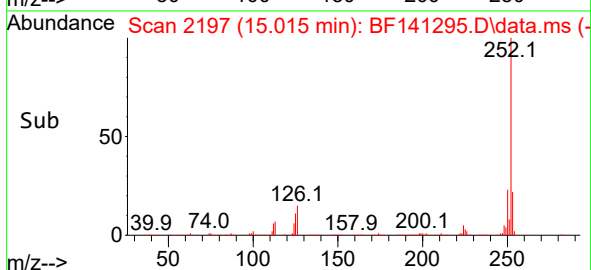
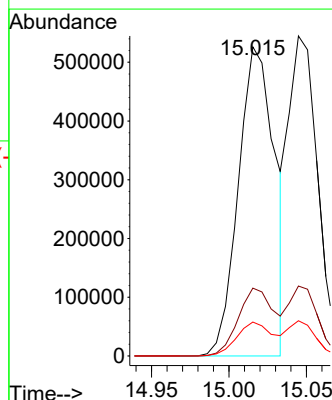
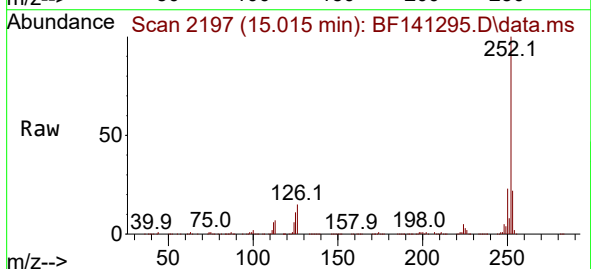
Tgt Ion:252 Resp: 860351

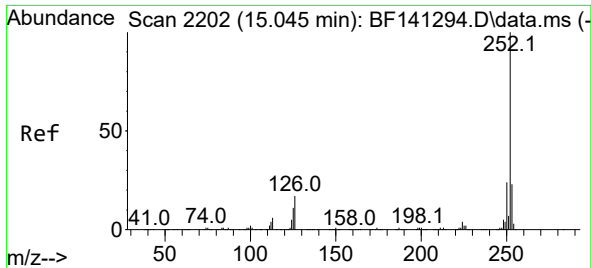
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.0 8.6 12.8

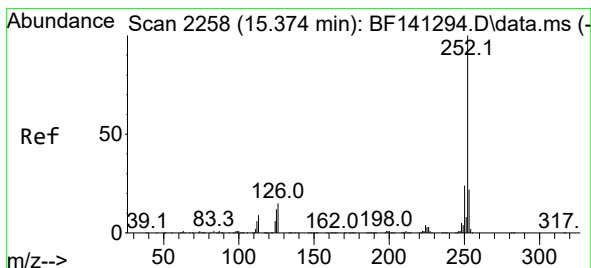
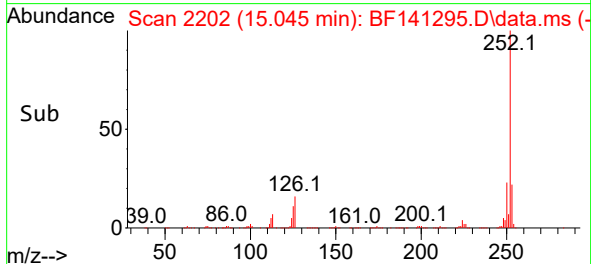
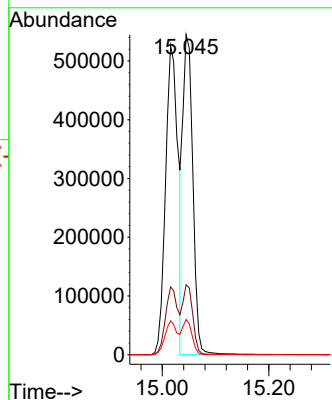
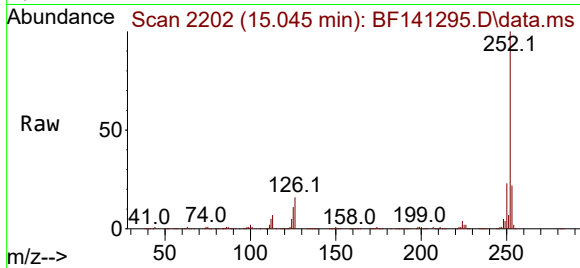




#89
Benzo(k)fluoranthene
Concen: 47.059 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

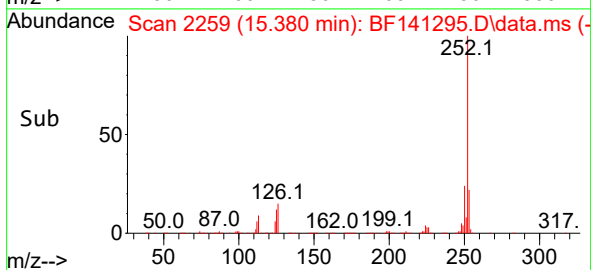
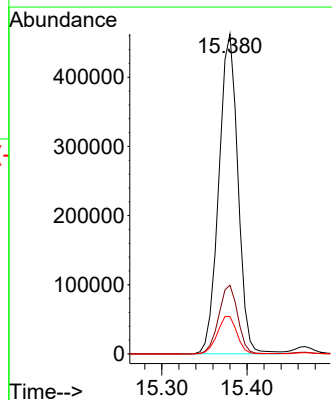
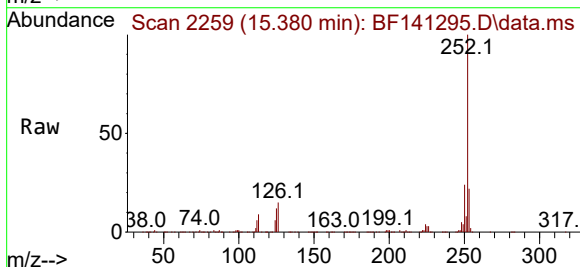
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

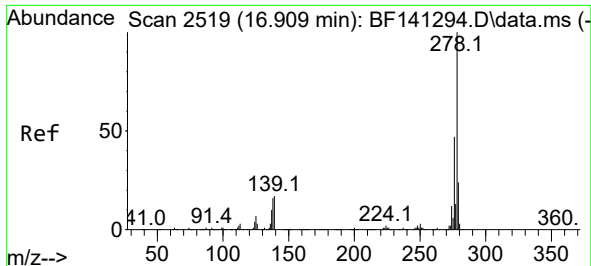
Tgt Ion:252 Resp: 713500
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.0 8.4 12.6



#90
Benzo(a)pyrene
Concen: 49.910 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:252 Resp: 721834
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 11.7 9.4 14.2

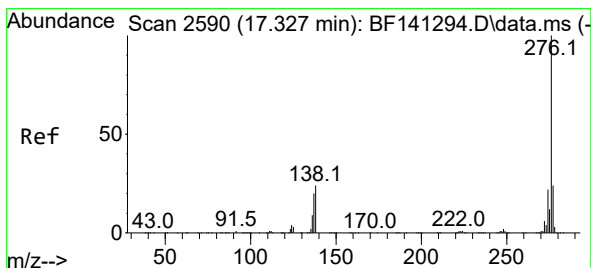
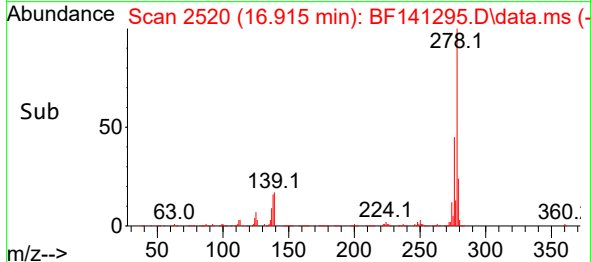
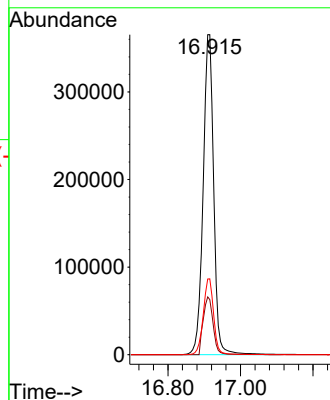
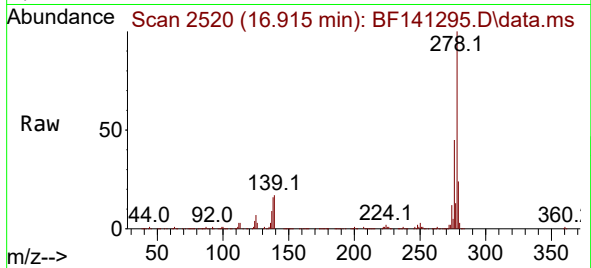




#91
Dibenzo(a,h)anthracene
Concen: 52.334 ng
RT: 16.915 min Scan# 2519
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

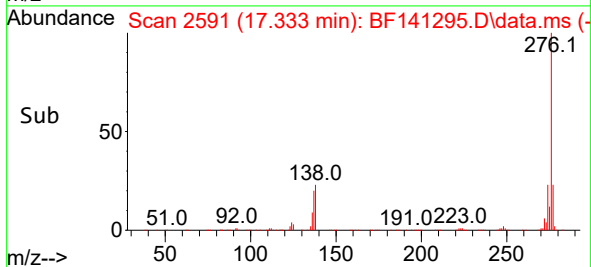
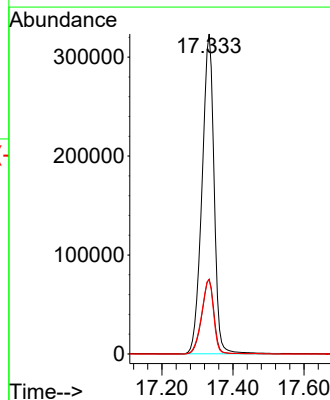
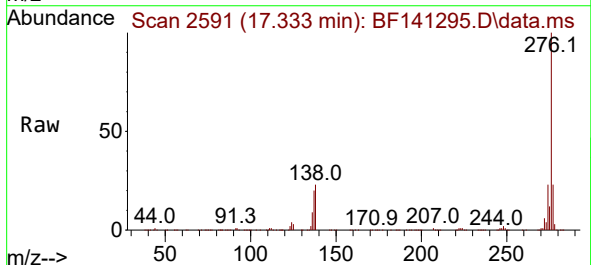
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 739397
Ion Ratio Lower Upper
278 100
139 17.2 13.9 20.9
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 52.010 ng
RT: 17.333 min Scan# 2591
Delta R.T. -0.012 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:276 Resp: 764064
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 23.2 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141296.D
 Acq On : 29 Jan 2025 16:38
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Jan 30 04:16:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	125203	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	490777	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	260269	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	434671	20.000	ng	0.00
76) Chrysene-d12	13.974	240	225615	20.000	ng	0.00
86) Perylene-d12	15.451	264	265921	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	952391	116.779	ng	0.00
7) Phenol-d6	6.434	99	1210477	116.675	ng	0.00
23) Nitrobenzene-d5	7.369	82	1098197	117.962	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	279105	116.973	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1824372	107.891	ng	0.00
79) Terphenyl-d14	12.916	244	1665591	113.851	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.487	88	213805	59.610	ng	99
3) Pyridine	3.216	79	527201	61.006	ng	99
4) n-Nitrosodimethylamine	3.181	42	305312	61.844	ng	99
6) Aniline	6.463	93	506937	57.724	ng	# 89
8) 2-Chlorophenol	6.587	128	509043	58.235	ng	98
9) Benzaldehyde	6.351	77	314238	52.291	ng	98
10) Phenol	6.445	94	640034	58.196	ng	94
11) bis(2-Chloroethyl)ether	6.539	93	499321	59.214	ng	99
12) 1,3-Dichlorobenzene	6.739	146	553756	57.455	ng	99
13) 1,4-Dichlorobenzene	6.816	146	558572	57.689	ng	100
14) 1,2-Dichlorobenzene	6.975	146	513179	56.602	ng	99
15) Benzyl Alcohol	6.945	79	422722	59.622	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	859130	58.590	ng	99
17) 2-Methylphenol	7.057	107	420597	59.203	ng	99
18) Hexachloroethane	7.316	117	210746	59.001	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	355036	57.592	ng	97
20) 3+4-Methylphenols	7.210	107	496888	56.963	ng	98
22) Acetophenone	7.216	105	651575	55.854	ng	99
24) Nitrobenzene	7.386	77	572234	59.313	ng	99
25) Isophorone	7.622	82	953671	59.261	ng	98
26) 2-Nitrophenol	7.698	139	280785	61.711	ng	99
27) 2,4-Dimethylphenol	7.739	122	325969	56.285	ng	99
28) bis(2-Chloroethoxy)met...	7.833	93	605644	59.001	ng	99
29) 2,4-Dichlorophenol	7.939	162	421748	59.485	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	465841	57.533	ng	99
31) Naphthalene	8.104	128	1475900	56.926	ng	99
32) Benzoic acid	7.863	122	305638	57.408	ng	99
33) 4-Chloroaniline	8.157	127	513149	58.367	ng	99
34) Hexachlorobutadiene	8.222	225	275524	58.025	ng	100
35) Caprolactam	8.533	113	141023	60.904	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	452438	59.492	ng	97
37) 2-Methylnaphthalene	8.792	142	941153	57.114	ng	98
38) 1-Methylnaphthalene	8.892	142	917389	56.675	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	430239	58.106	ng	100
41) Hexachlorocyclopentadiene	8.945	237	141387	64.657	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	288290	59.485	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141296.D
 Acq On : 29 Jan 2025 16:38
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

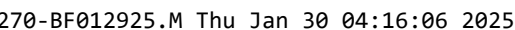
Instrument :
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 ClientSampleId :
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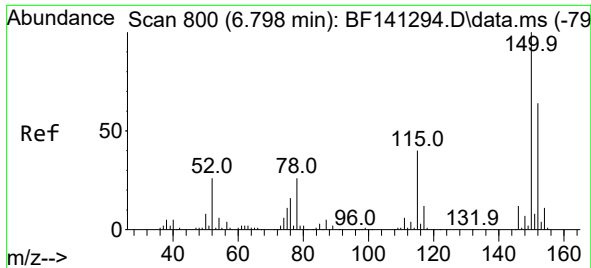
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	314912	59.702	ng	99
46) 1,1'-Biphenyl	9.263	154	1139946	56.161	ng	99
47) 2-Chloronaphthalene	9.286	162	902561	57.048	ng	99
48) 2-Nitroaniline	9.380	65	300339	60.353	ng	98
49) Acenaphthylene	9.698	152	1258733	56.836	ng	100
50) Dimethylphthalate	9.569	163	1012298	57.587	ng	100
51) 2,6-Dinitrotoluene	9.627	165	241241	59.106	ng	98
52) Acenaphthene	9.875	154	921519	58.244	ng	100
53) 3-Nitroaniline	9.792	138	232680	58.165	ng	99
54) 2,4-Dinitrophenol	9.898	184	132244	69.701	ng	95
55) Dibenzofuran	10.045	168	1202027	56.758	ng	99
56) 4-Nitrophenol	9.951	139	190620	65.156	ng	99
57) 2,4-Dinitrotoluene	10.027	165	315221	59.651	ng	97
58) Fluorene	10.386	166	915246	55.715	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	252964	60.959	ng	100
60) Diethylphthalate	10.263	149	983788	57.719	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	445841	55.561	ng	99
62) 4-Nitroaniline	10.410	138	242716	61.715	ng	99
63) Azobenzene	10.539	77	996608	58.414	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	174248	67.773	ng	99
66) n-Nitrosodiphenylamine	10.504	169	800147	56.914	ng	99
67) 4-Bromophenyl-phenylether	10.874	248	286647	58.905	ng	96
68) Hexachlorobenzene	10.933	284	302508	58.604	ng	99
69) Atrazine	11.033	200	306524	65.210	ng	99
70) Pentachlorophenol	11.127	266	194335	64.291	ng	99
71) Phenanthrene	11.351	178	1316980	56.365	ng	100
72) Anthracene	11.404	178	1298334	56.711	ng	99
73) Carbazole	11.557	167	1173330	57.798	ng	99
74) Di-n-butylphthalate	11.892	149	1410222	57.322	ng	100
75) Fluoranthene	12.539	202	1279995	55.482	ng	99
77) Benzidine	12.663	184	490009	67.748	ng	100
78) Pyrene	12.768	202	1284820	59.326	ng	100
80) Butylbenzylphthalate	13.392	149	465533	61.530	ng	99
81) Benzo(a)anthracene	13.962	228	917219	58.914	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	315503	63.717	ng	100
83) Chrysene	14.004	228	841120	58.950	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	564642	58.830	ng	99
85) Di-n-octyl phthalate	14.598	149	951473	63.827	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	1054987	61.468	ng	99
88) Benzo(b)fluoranthene	15.033	252	971433	58.075	ng	99
89) Benzo(k)fluoranthene	15.062	252	845842	57.081	ng	100
90) Benzo(a)pyrene	15.392	252	838283	59.305	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	854214	61.862	ng	98
92) Benzo(g,h,i)perylene	17.351	276	881804	61.416	ng	100

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

Quant Time: Jan 30 04:16:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

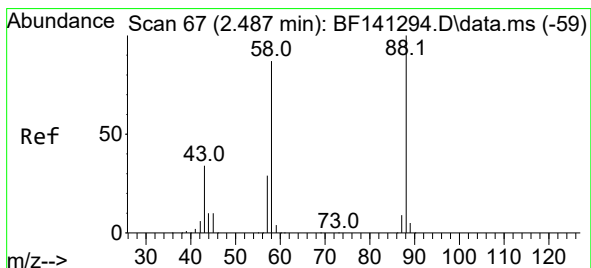
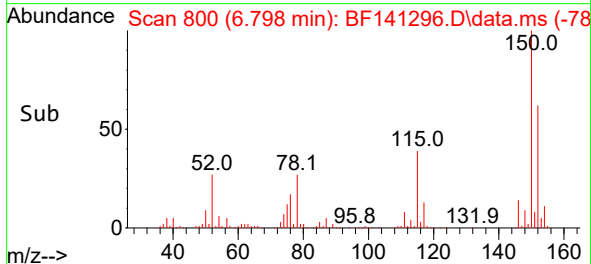
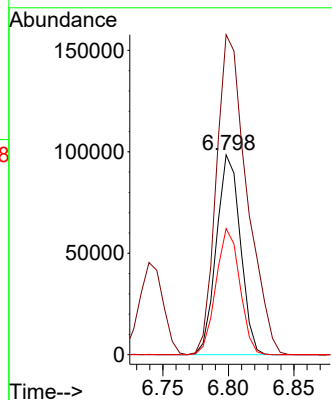
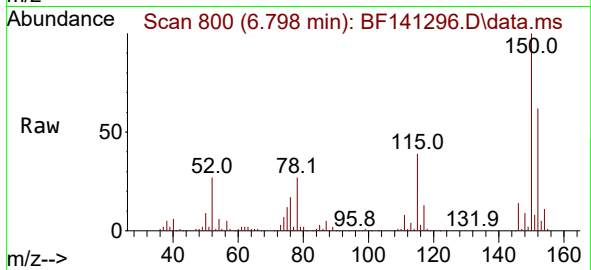




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

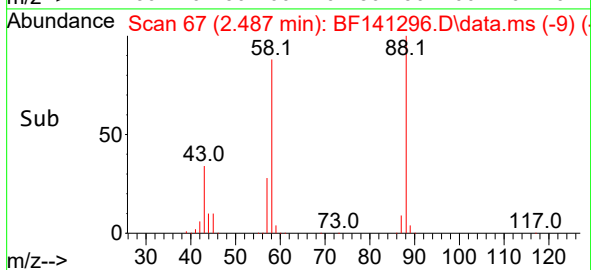
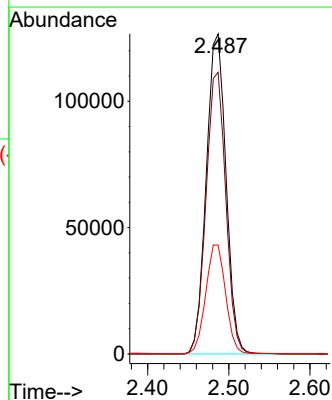
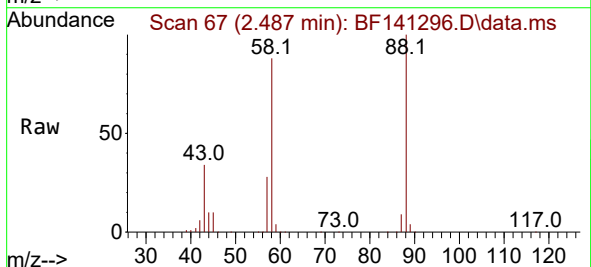
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

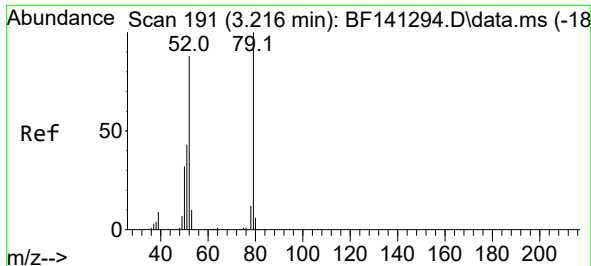
Tgt Ion:152 Resp: 125203
Ion Ratio Lower Upper
152 100
150 160.2 125.9 188.9
115 63.2 49.7 74.5



#2
1,4-Dioxane
Concen: 59.610 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 88 Resp: 213805
Ion Ratio Lower Upper
88 100
58 88.5 70.2 105.4
43 34.0 27.6 41.4

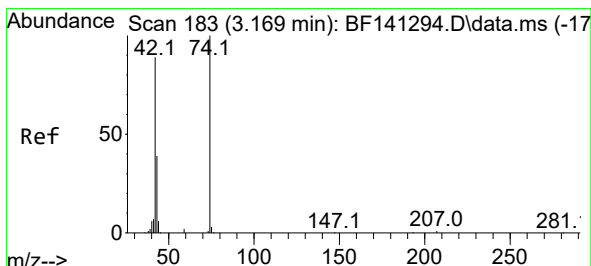
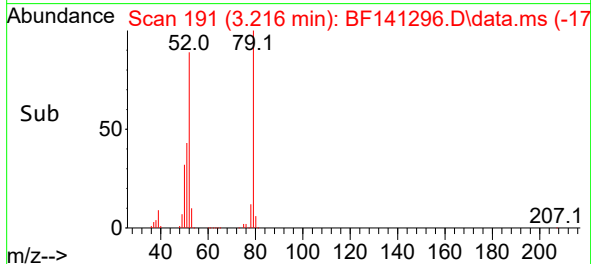
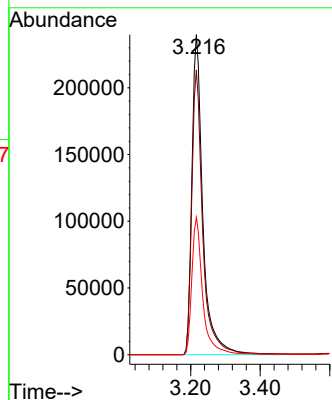
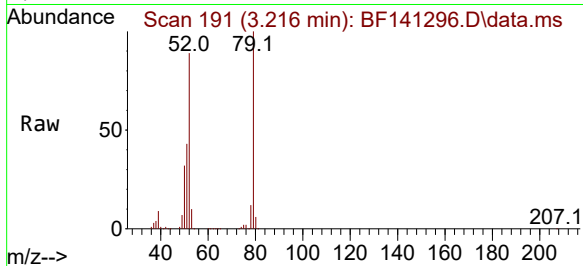




#3
Pyridine
Concen: 61.006 ng
RT: 3.216 min Scan# 191
Delta R.T. -0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

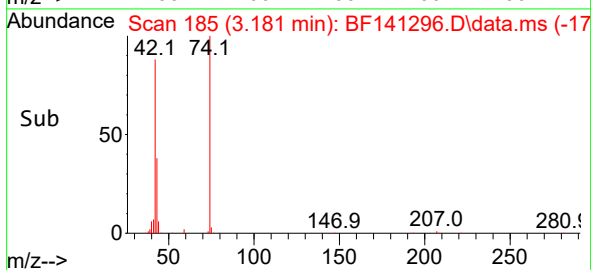
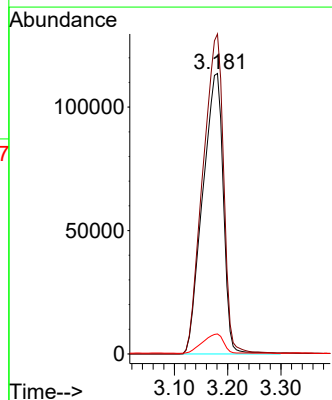
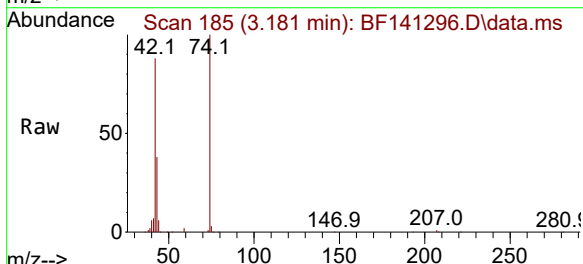
Instrument :
BNA_F
ClientSampleId :
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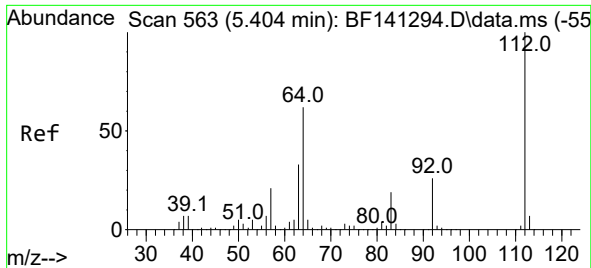
Tgt Ion: 79 Resp: 527201
Ion Ratio Lower Upper
79 100
52 89.0 70.3 105.5
51 42.9 34.3 51.5



#4
n-Nitrosodimethylamine
Concen: 61.844 ng
RT: 3.181 min Scan# 185
Delta R.T. -0.018 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 42 Resp: 305312
Ion Ratio Lower Upper
42 100
74 114.1 90.3 135.5
44 7.2 5.7 8.5

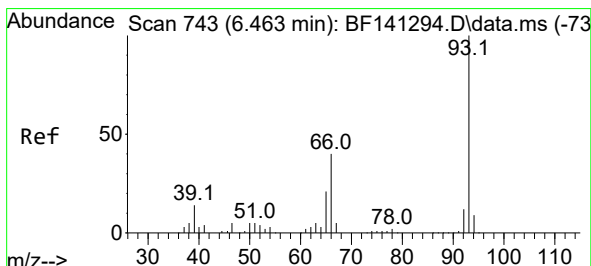
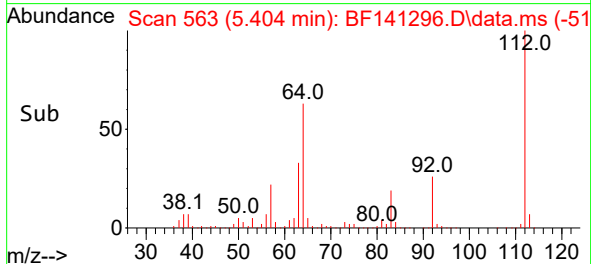
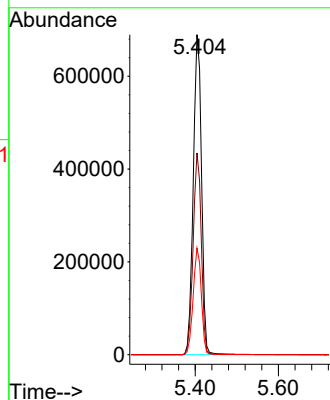
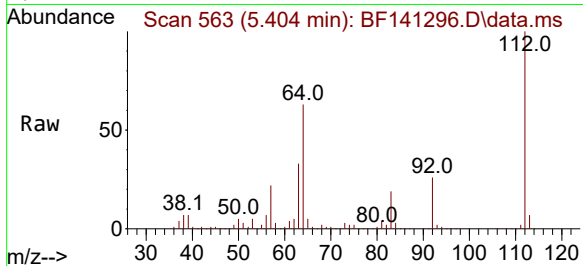




#5
2-Fluorophenol
Concen: 116.779 ng
RT: 5.404 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

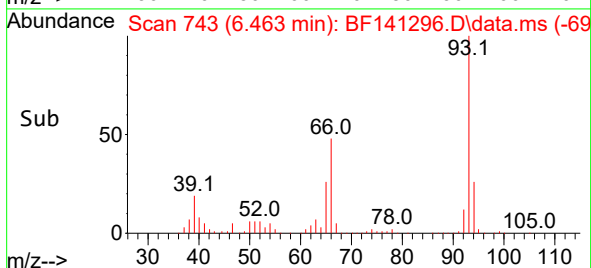
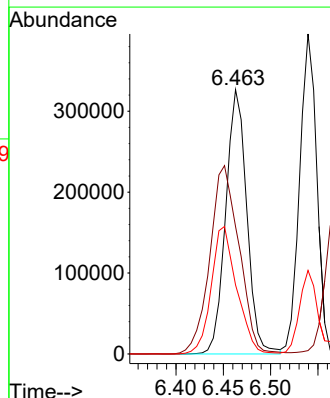
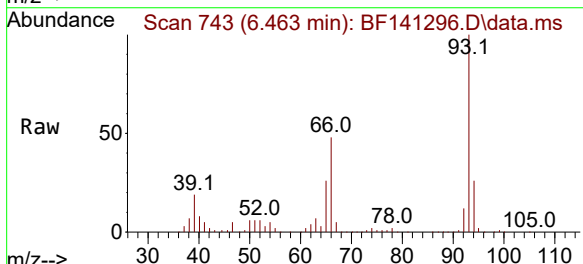
Instrument :
BNA_F
ClientSampleId :
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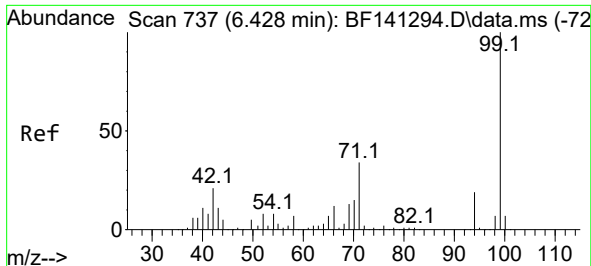
Tgt Ion:112 Resp: 952391
Ion Ratio Lower Upper
112 100
64 63.0 49.8 74.8
63 33.3 26.1 39.1



#6
Aniline
Concen: 57.724 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 93 Resp: 506937
Ion Ratio Lower Upper
93 100
66 48.2 32.5 48.7
65 26.1 17.0 25.6#

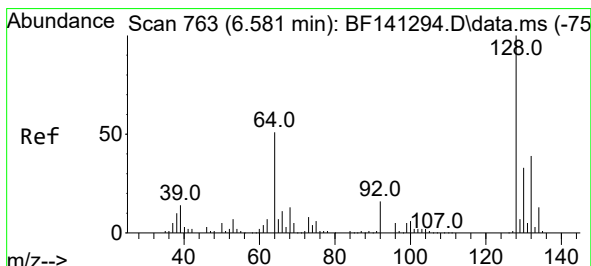
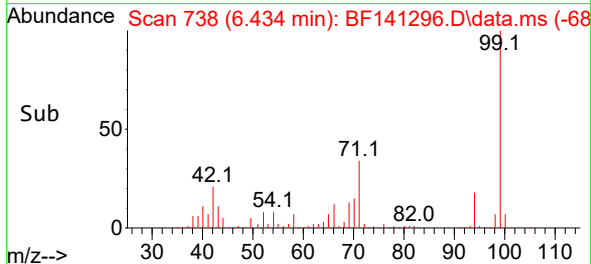
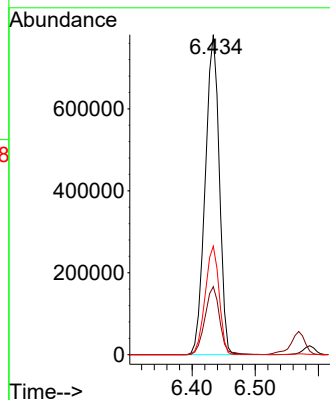
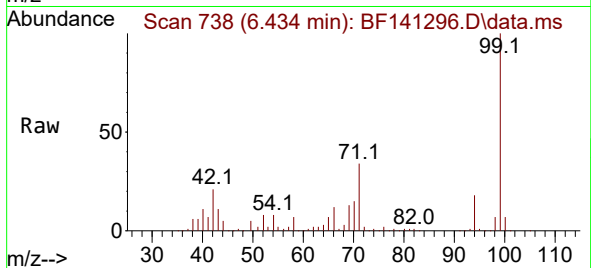




#7
Phenol-d6
Concen: 116.675 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

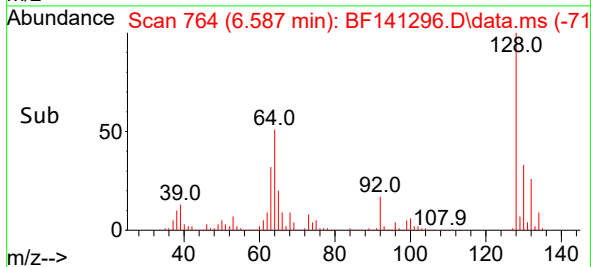
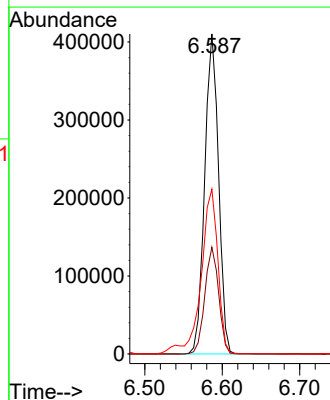
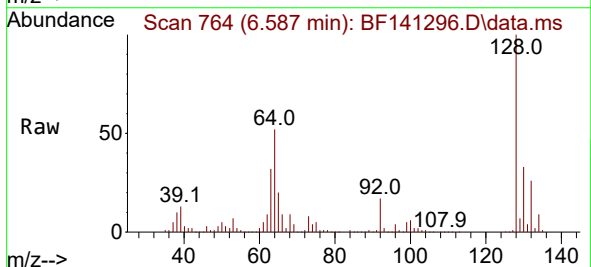
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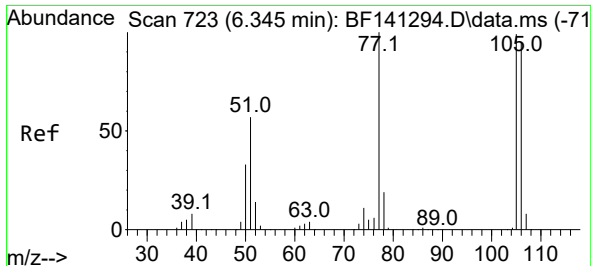
Tgt Ion: 99 Resp: 1210477
Ion Ratio Lower Upper
99 100
42 21.2 17.1 25.7
71 33.9 26.9 40.3



#8
2-Chlorophenol
Concen: 58.235 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:128 Resp: 509043
Ion Ratio Lower Upper
128 100
130 33.4 12.5 52.5
64 51.5 32.9 72.9

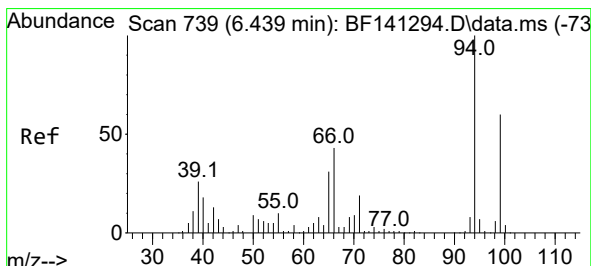
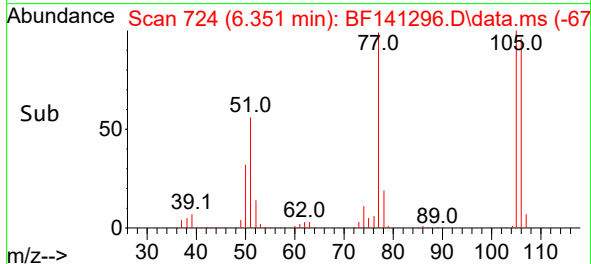
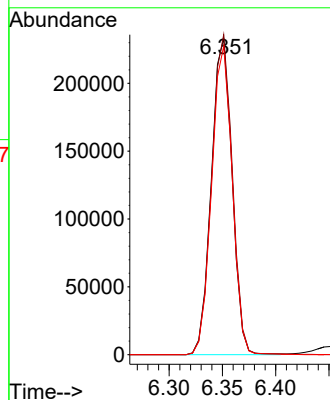
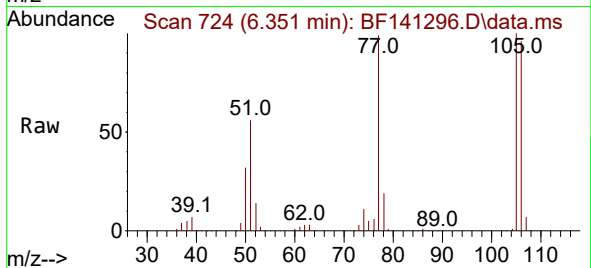




#9
Benzaldehyde
Concen: 52.291 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

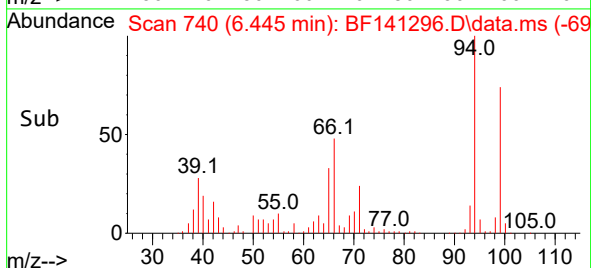
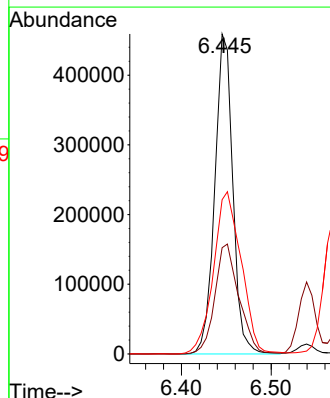
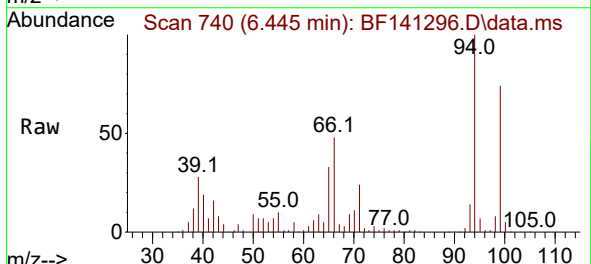
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

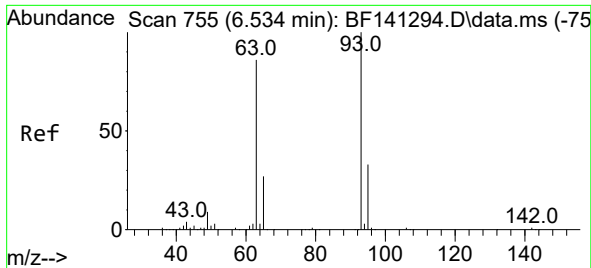
Tgt Ion: 77 Resp: 314238
Ion Ratio Lower Upper
77 100
105 101.2 79.4 119.4
106 97.6 74.6 114.6



#10
Phenol
Concen: 58.196 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 94 Resp: 640034
Ion Ratio Lower Upper
94 100
65 33.2 10.8 50.8
66 48.2 23.3 63.3

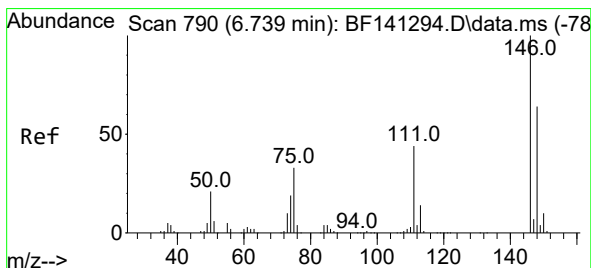
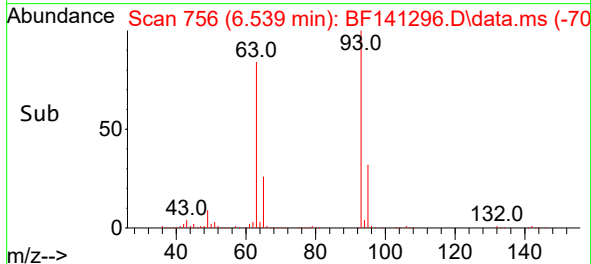
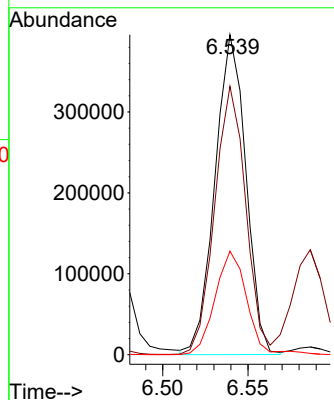
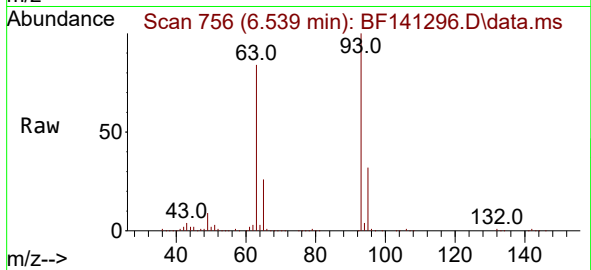




#11
bis(2-Chloroethyl)ether
Concen: 59.214 ng
RT: 6.539 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

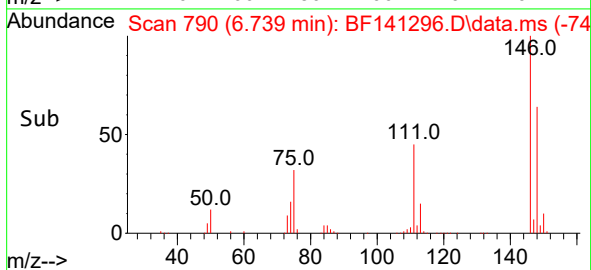
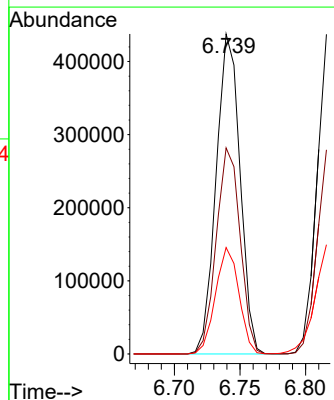
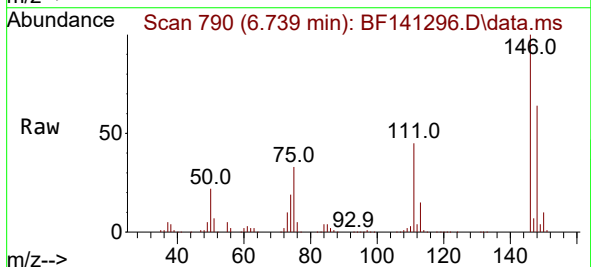
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

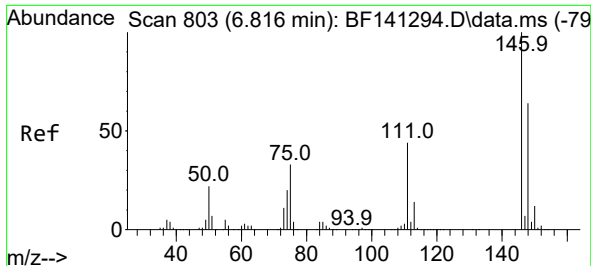
Tgt Ion: 93 Resp: 499321
Ion Ratio Lower Upper
93 100
63 83.9 65.0 105.0
95 32.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 57.455 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:146 Resp: 553756
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 33.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 57.689 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

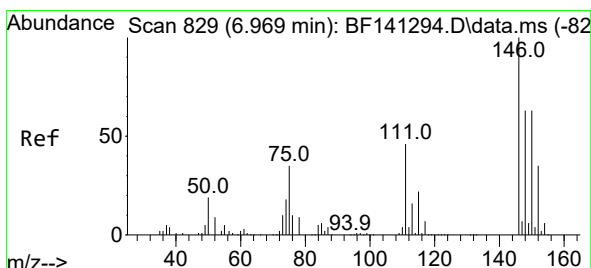
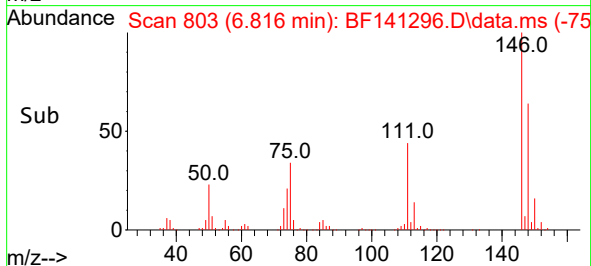
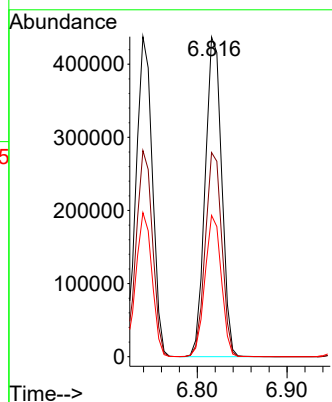
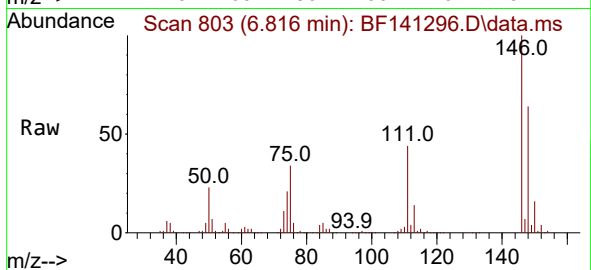
Tgt Ion:146 Resp: 558572

Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

111 44.2 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 56.602 ng

RT: 6.975 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

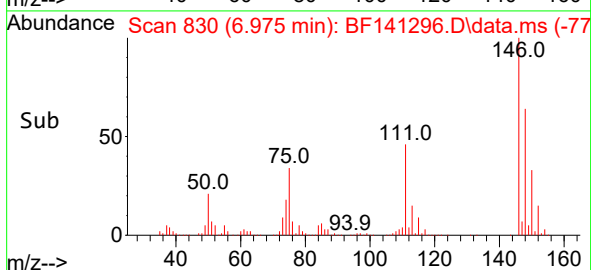
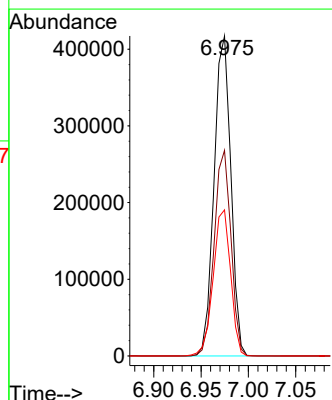
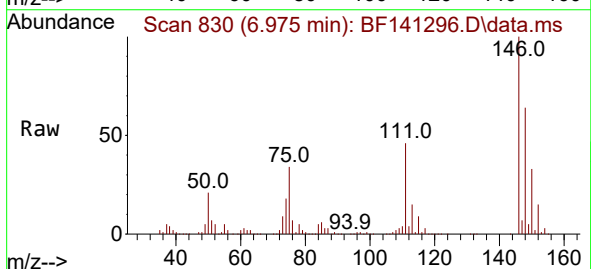
Tgt Ion:146 Resp: 513179

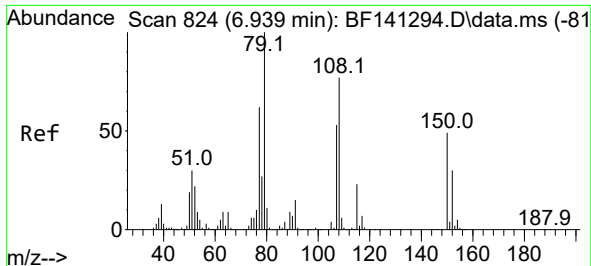
Ion Ratio Lower Upper

146 100

148 64.3 50.5 75.7

111 45.7 36.6 55.0

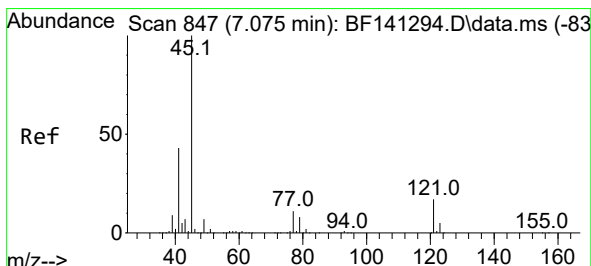
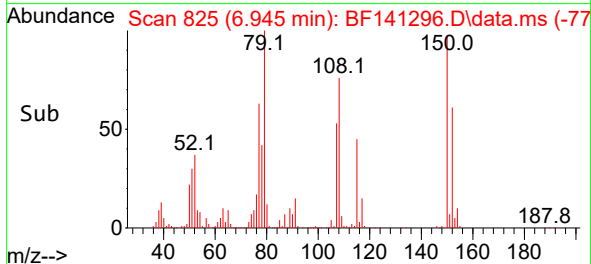
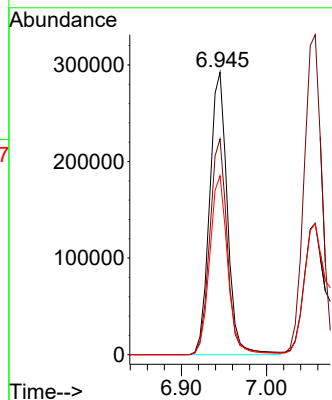
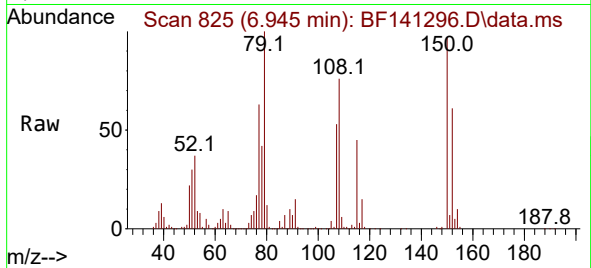




#15
Benzyl Alcohol
Concen: 59.622 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

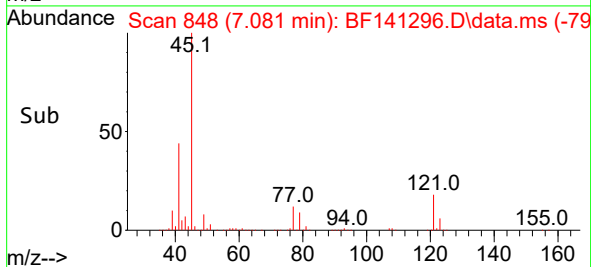
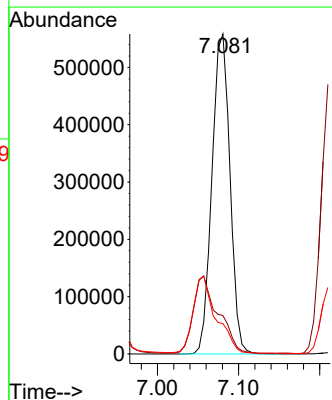
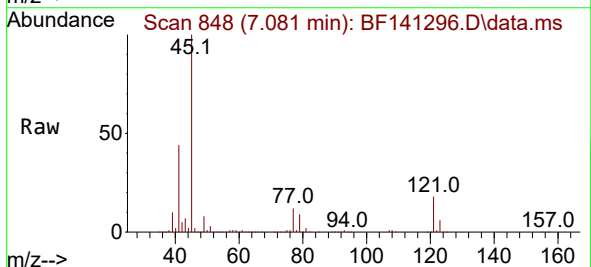
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

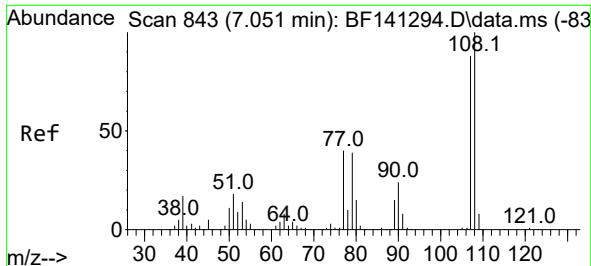
Tgt Ion: 79 Resp: 422722
Ion Ratio Lower Upper
79 100
108 76.4 61.4 92.0
77 63.3 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.590 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 45 Resp: 859130
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.8
79 9.4 0.0 29.1

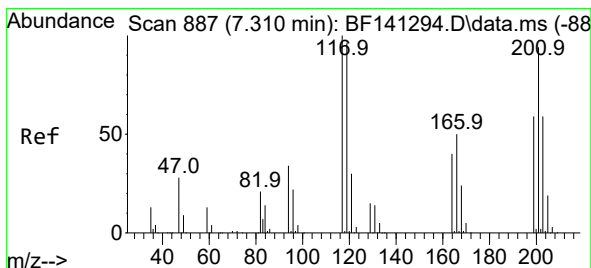
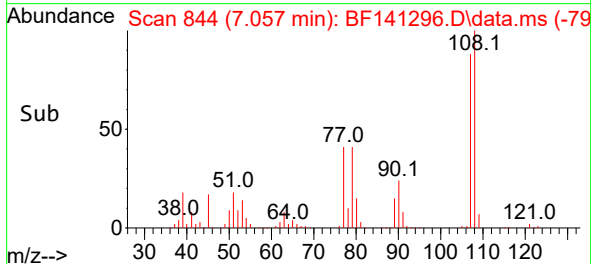
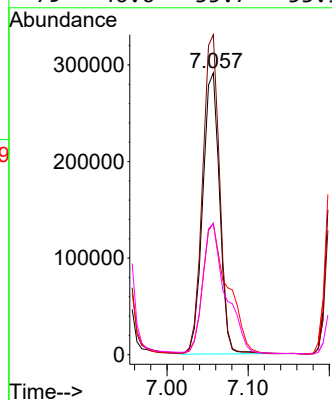
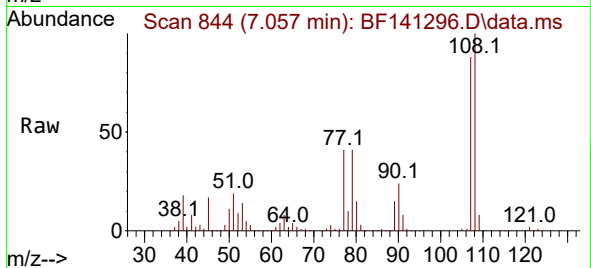




#17
2-Methylphenol
Concen: 59.203 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

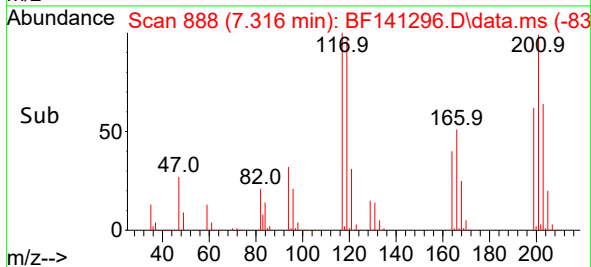
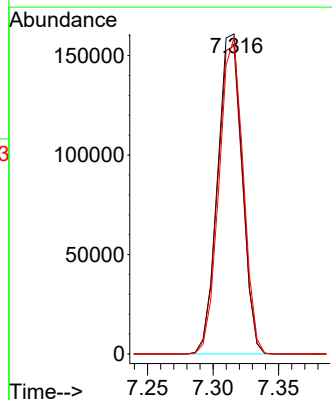
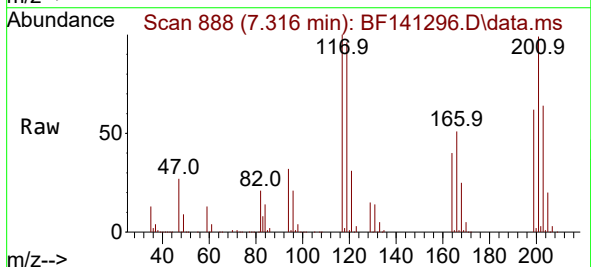
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

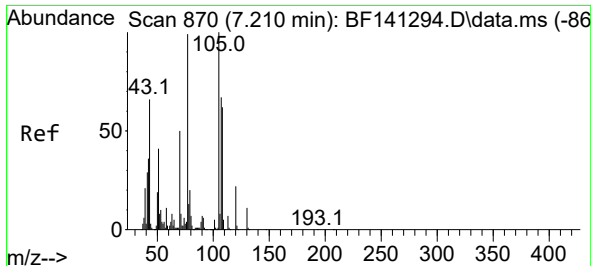
Tgt Ion:	107	Resp:	420597
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.8	136.2
77	46.6	36.2	54.4
79	46.6	35.7	53.5



#18
Hexachloroethane
Concen: 59.001 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:	117	Resp:	210746
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	114.8
201	98.8	74.8	112.2

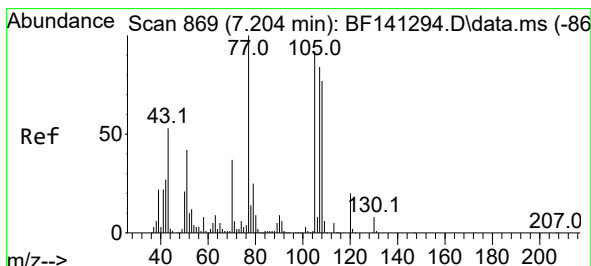
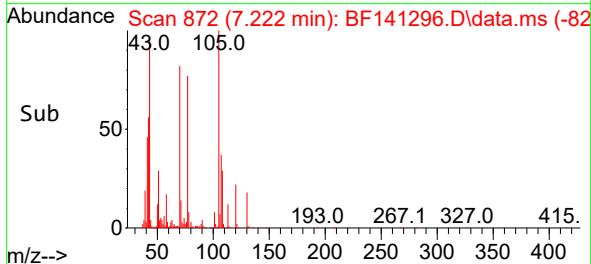
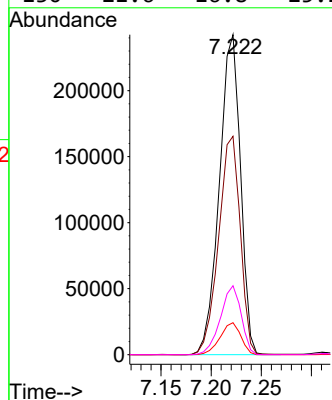
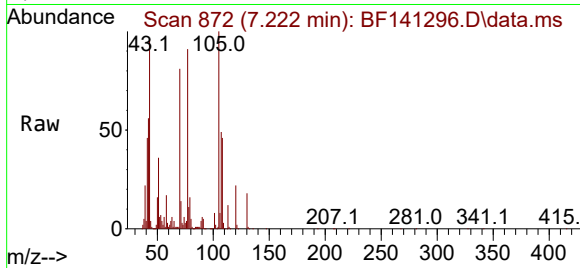




#19
n-Nitroso-di-n-propylamine
Concen: 57.592 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

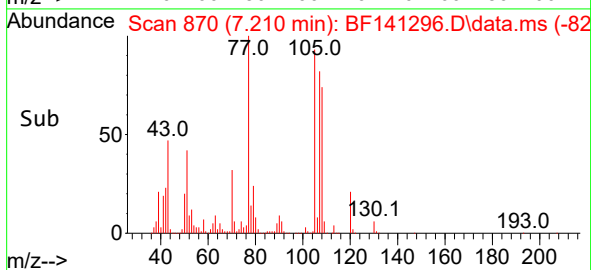
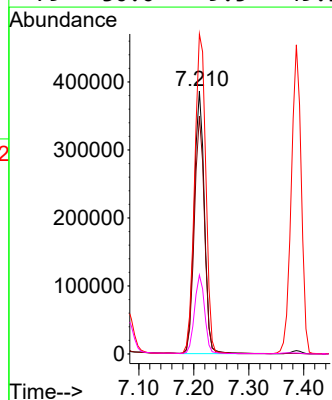
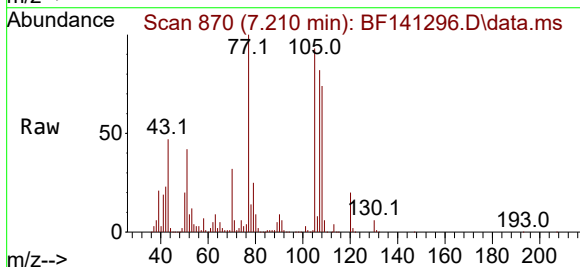
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

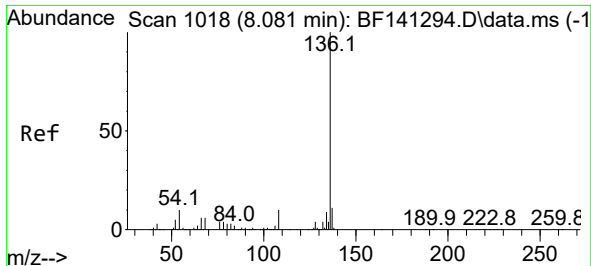
Tgt Ion: 70 Resp: 355036
Ion Ratio Lower Upper
70 100
42 68.3 56.8 85.2
101 10.0 7.7 11.5
130 21.6 16.8 25.2



#20
3+4-Methylphenols
Concen: 56.963 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 107 Resp: 496888
Ion Ratio Lower Upper
107 100
108 90.4 70.9 110.9
77 121.7 98.5 138.5
79 30.0 9.5 49.5

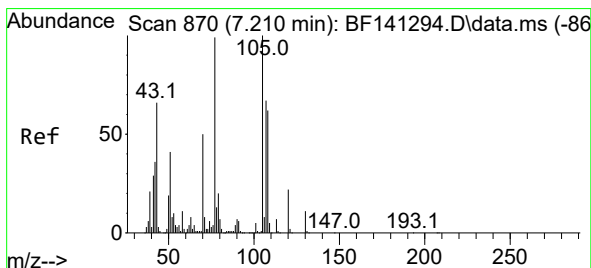
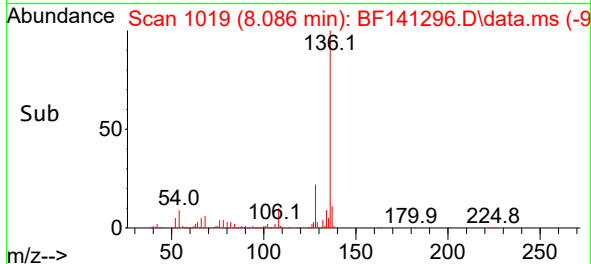
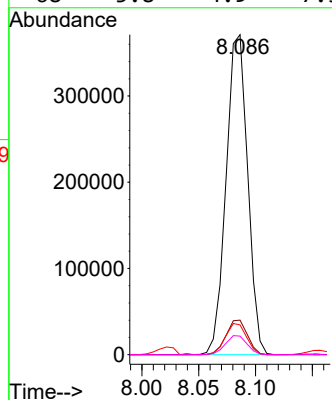
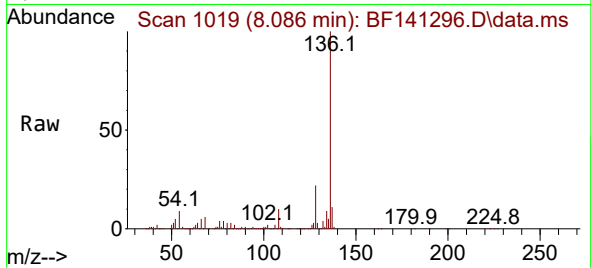




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

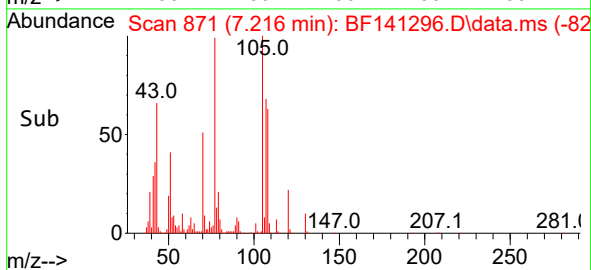
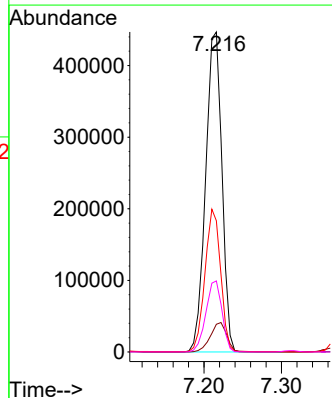
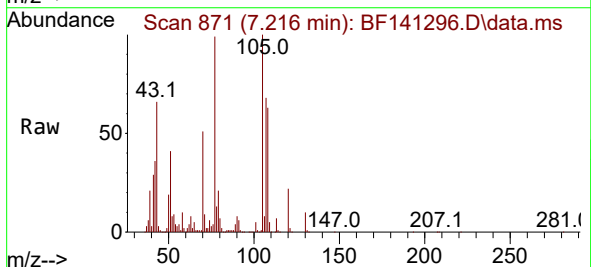
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

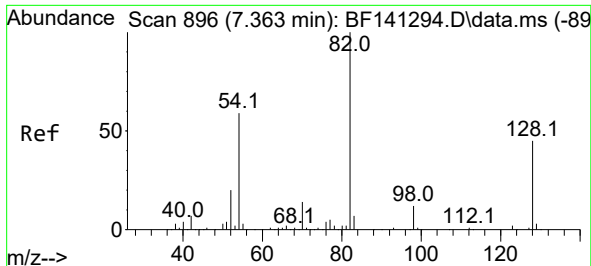
Tgt Ion:136 Resp: 490777
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.3 7.8 11.8
68 5.8 4.9 7.3



#22
Acetophenone
Concen: 55.854 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:105 Resp: 651575
Ion Ratio Lower Upper
105 100
71 8.6 6.8 10.2
51 41.0 32.6 49.0
120 22.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 117.962 ng

RT: 7.369 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

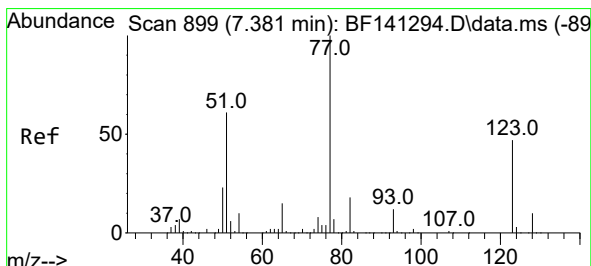
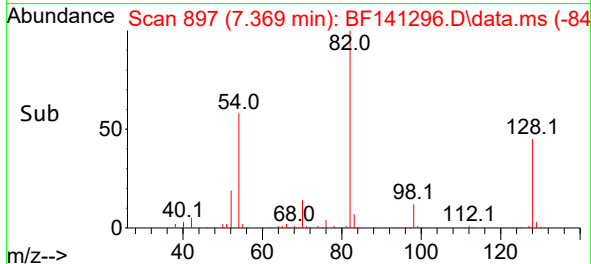
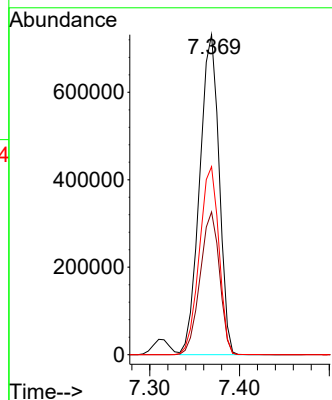
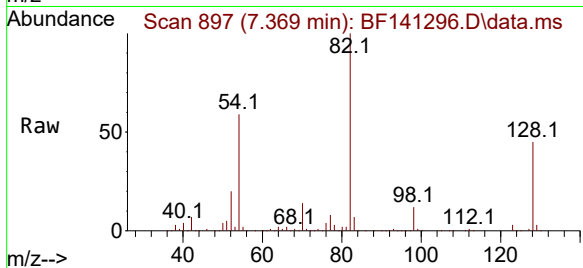
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1098197

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	58.7	47.1	70.7



#24

Nitrobenzene

Concen: 59.313 ng

RT: 7.386 min Scan# 900

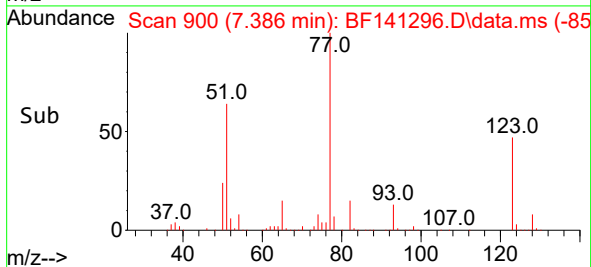
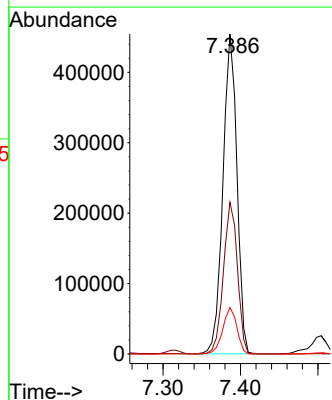
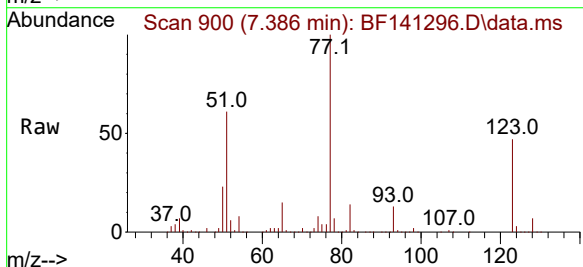
Delta R.T. -0.006 min

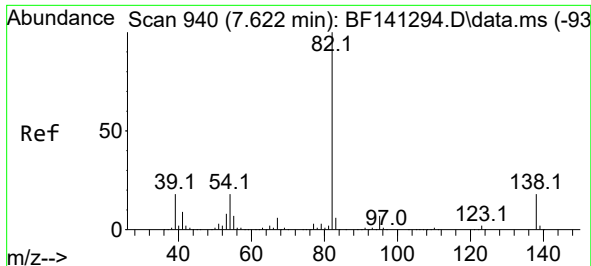
Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Tgt Ion: 77 Resp: 572234

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.3	55.9
65	14.5	11.8	17.6

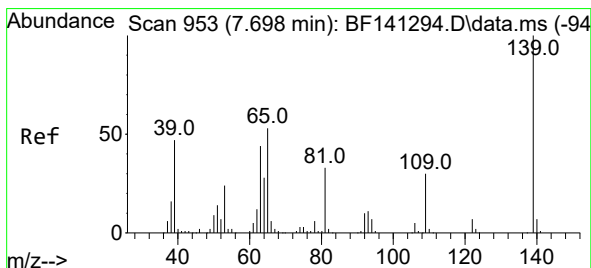
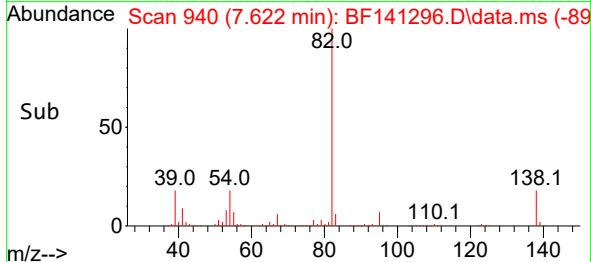
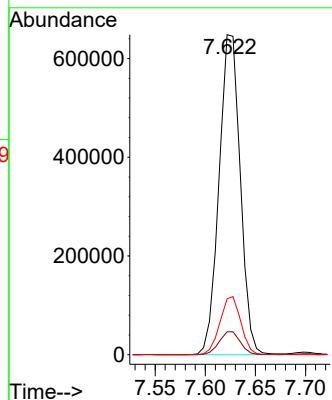
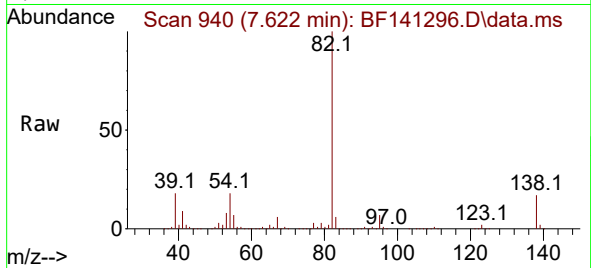




#25
Isophorone
Concen: 59.261 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

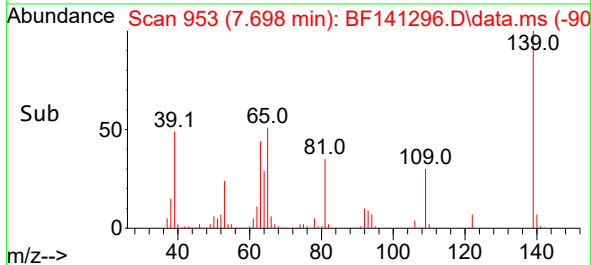
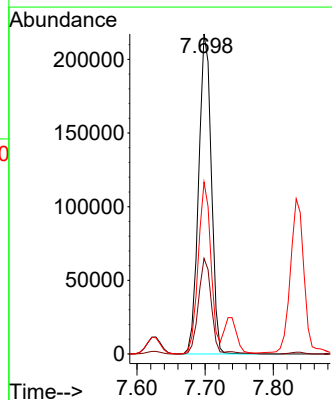
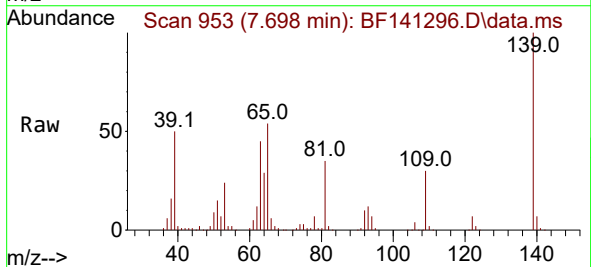
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

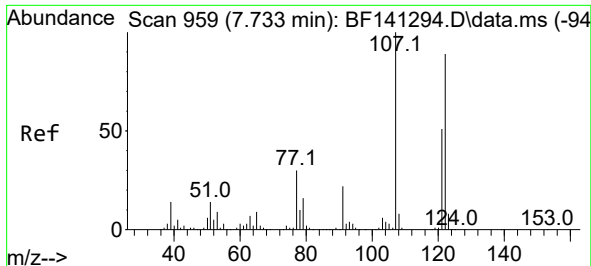
Tgt Ion: 82 Resp: 953671
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.5 14.7 22.1



#26
2-Nitrophenol
Concen: 61.711 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:139 Resp: 280785
Ion Ratio Lower Upper
139 100
109 29.9 23.8 35.6
65 53.7 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 56.285 ng

RT: 7.739 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

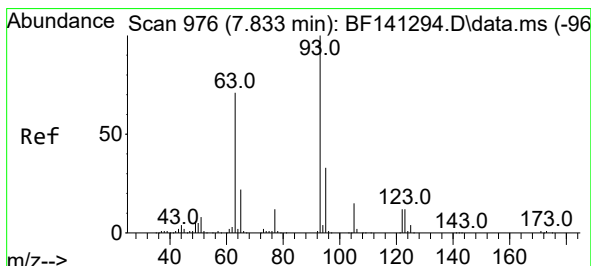
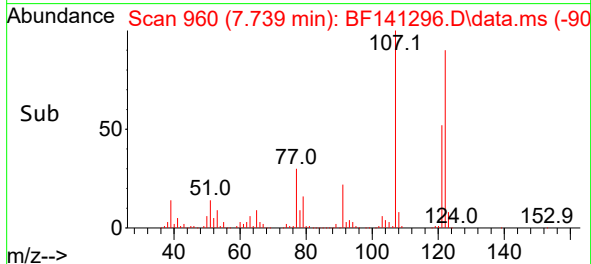
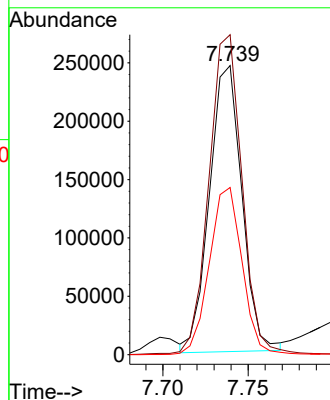
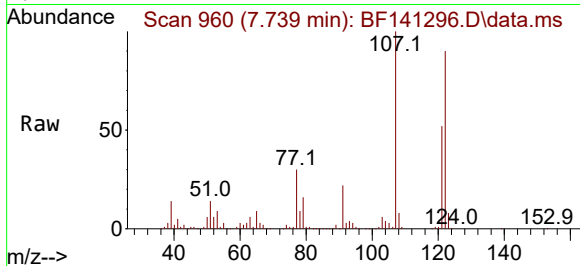
Tgt Ion:122 Resp: 325969

Ion Ratio Lower Upper

122 100

107 110.7 89.9 134.9

121 57.8 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 59.001 ng

RT: 7.833 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

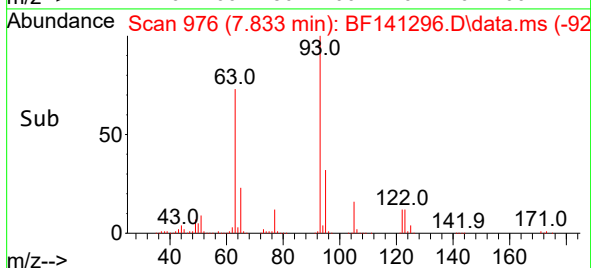
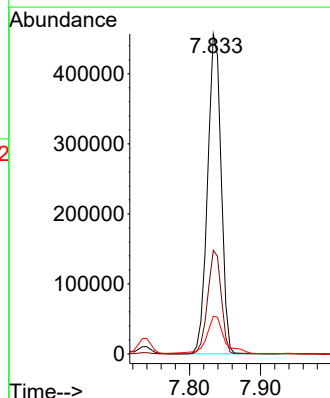
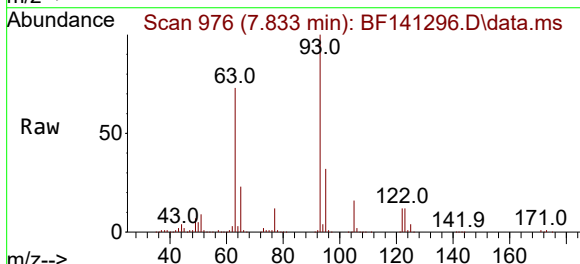
Tgt Ion: 93 Resp: 605644

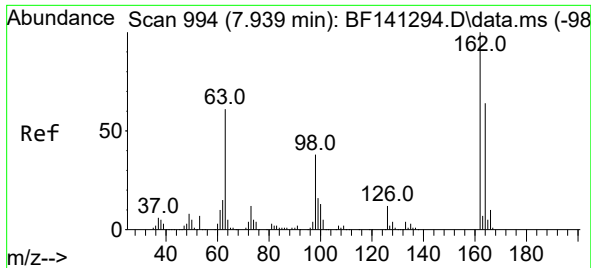
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 11.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 59.485 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

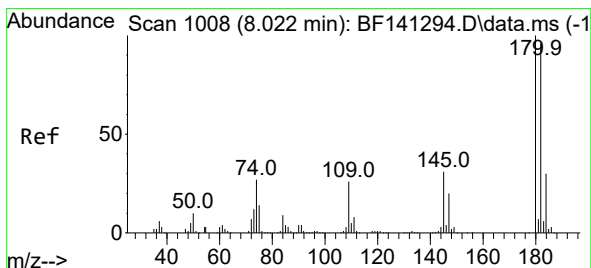
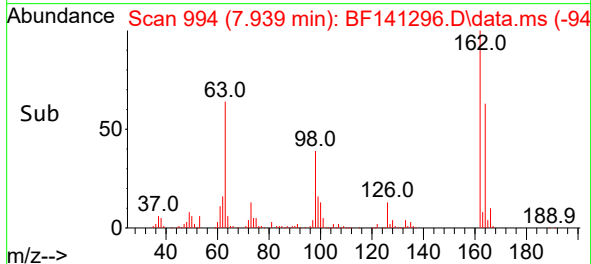
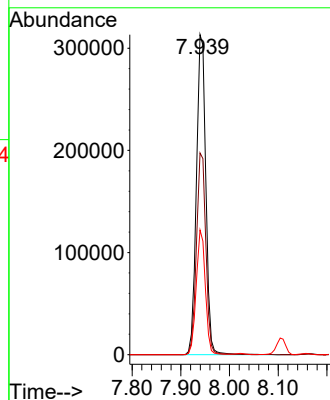
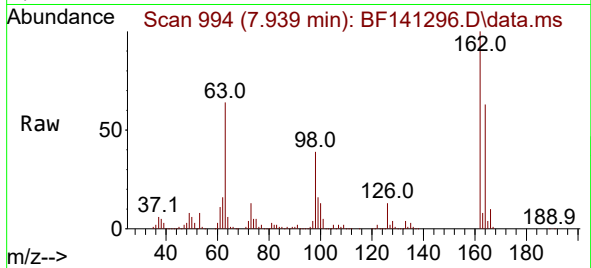
Tgt Ion:162 Resp: 421748

Ion Ratio Lower Upper

162 100

164 63.0 44.2 84.2

98 38.9 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 57.533 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

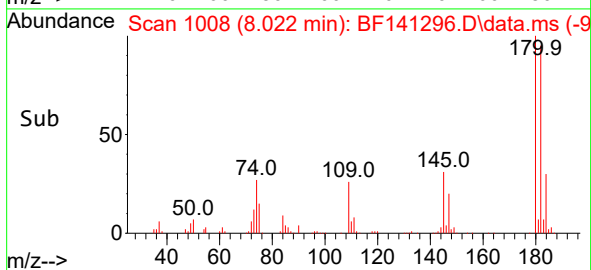
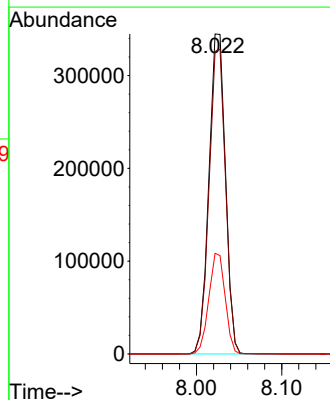
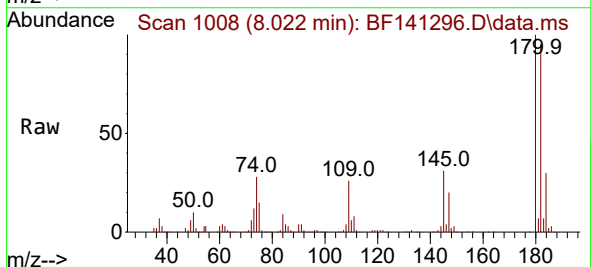
Tgt Ion:180 Resp: 465841

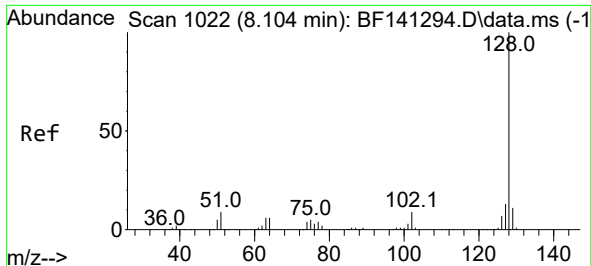
Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

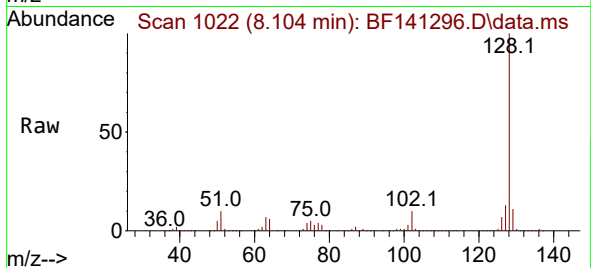
145 31.4 24.9 37.3



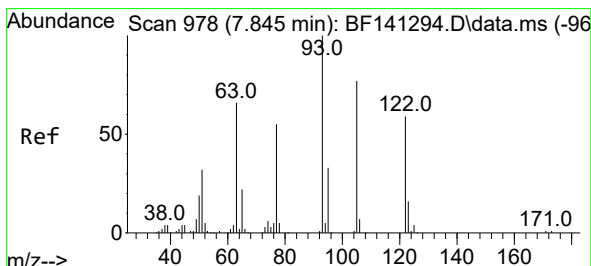
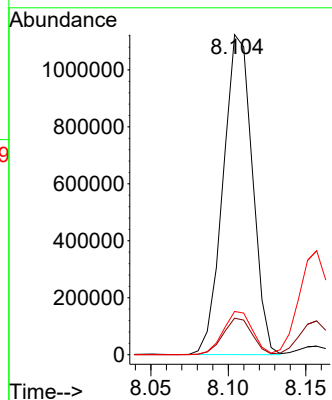
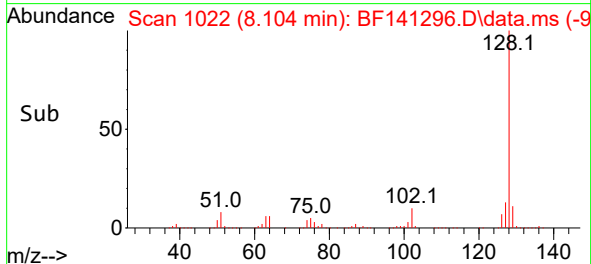


#31
Naphthalene
Concen: 56.926 ng
RT: 8.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

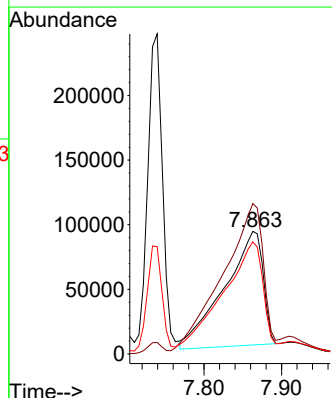
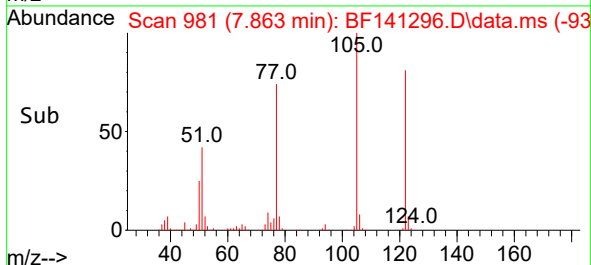
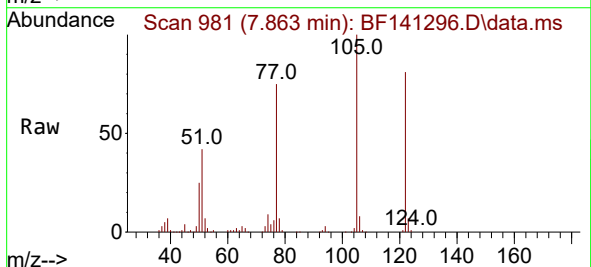


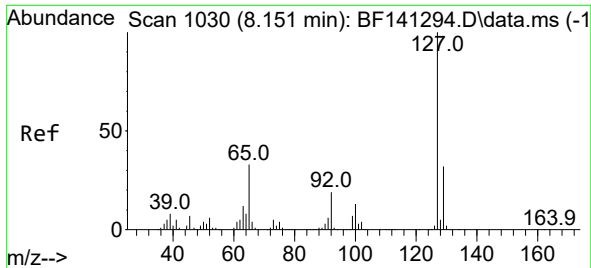
Tgt Ion:128 Resp: 1475900
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 57.408 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.018 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:122 Resp: 305638
Ion Ratio Lower Upper
122 100
105 122.7 103.4 143.4
77 91.6 70.9 110.9

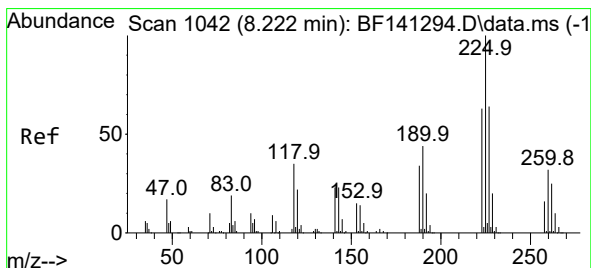
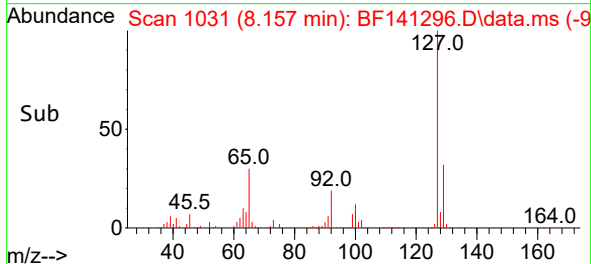
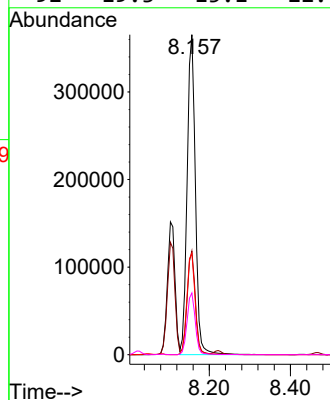
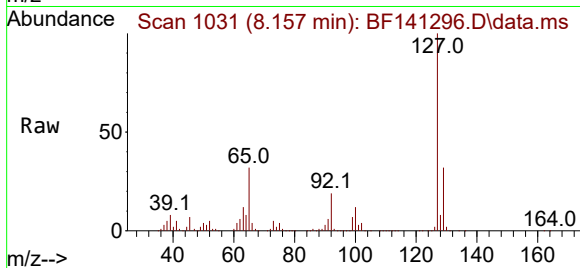




#33
4-Chloroaniline
Concen: 58.367 ng
RT: 8.157 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

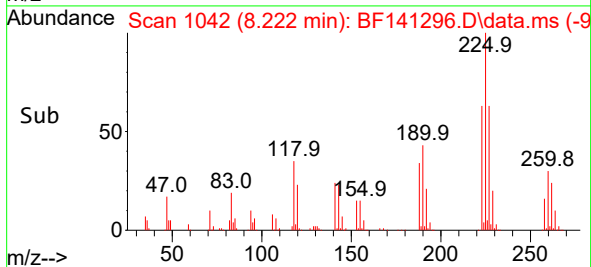
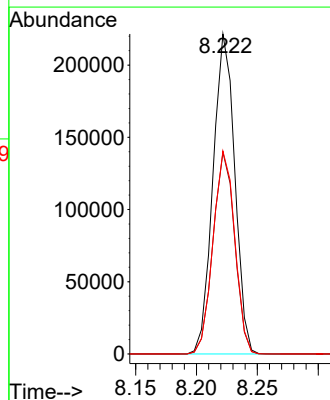
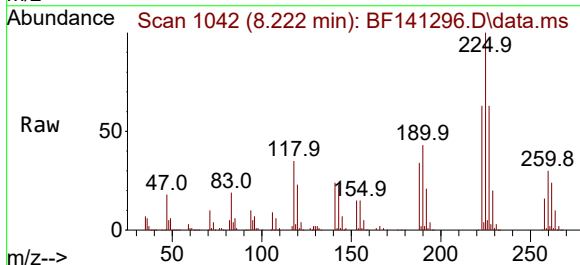
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

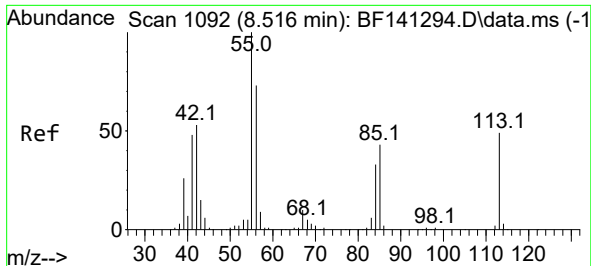
Tgt Ion:	127	Resp:	513149
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	31.7	26.4	39.6
92	19.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 58.025 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:	225	Resp:	275524
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	63.4	51.3	76.9

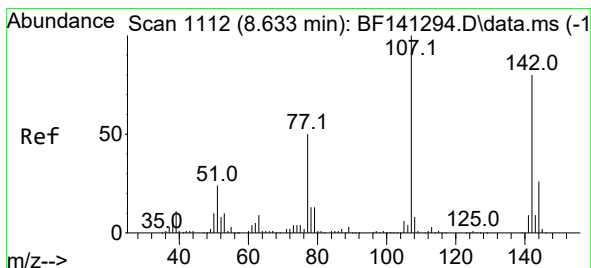
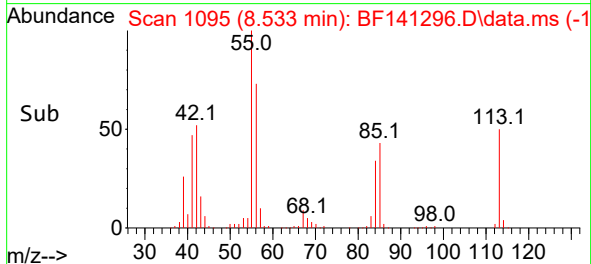
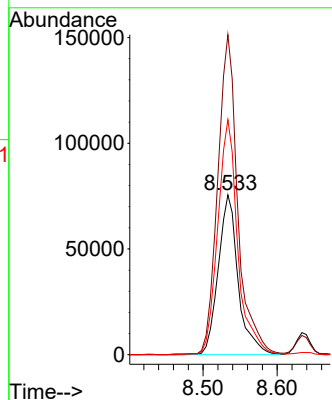
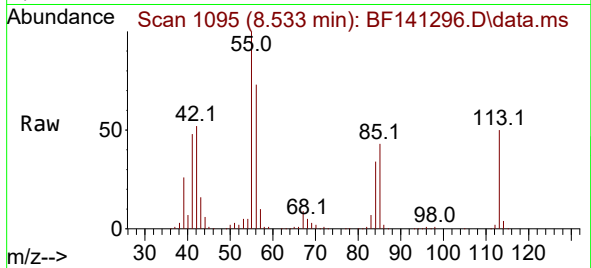




#35
 Caprolactam
 Concen: 60.904 ng
 RT: 8.533 min Scan# 1095
 Delta R.T. -0.012 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38

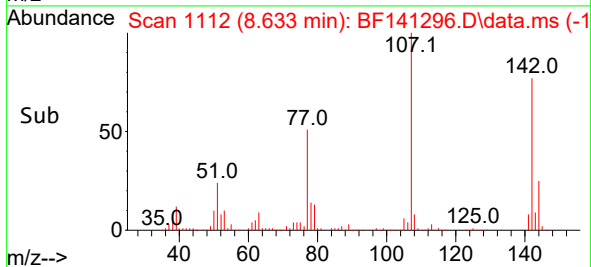
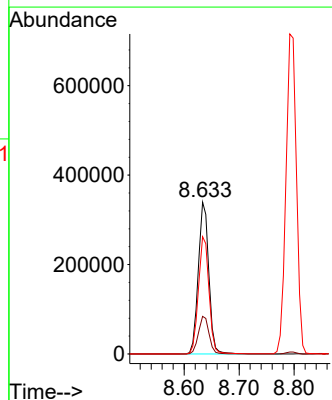
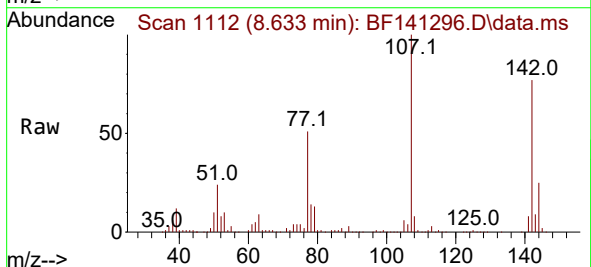
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

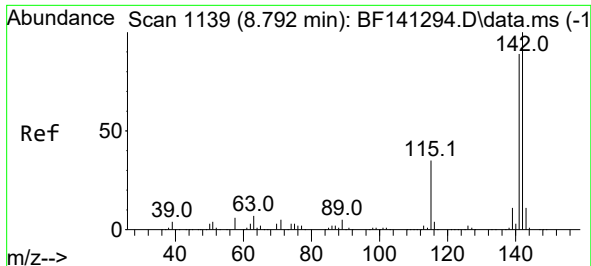
Tgt Ion:113 Resp: 141023
 Ion Ratio Lower Upper
 113 100
 55 200.2 182.9 222.9
 56 147.0 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 59.492 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38

Tgt Ion:107 Resp: 452438
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.7 31.1
 142 77.2 63.8 95.8

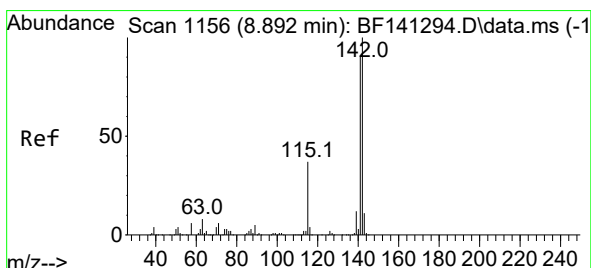
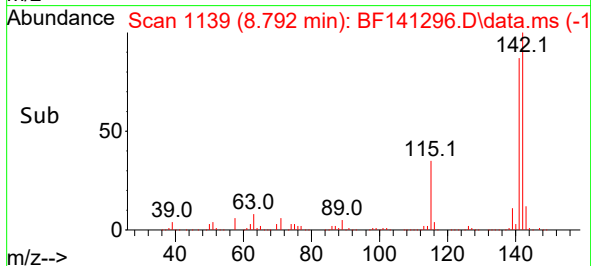
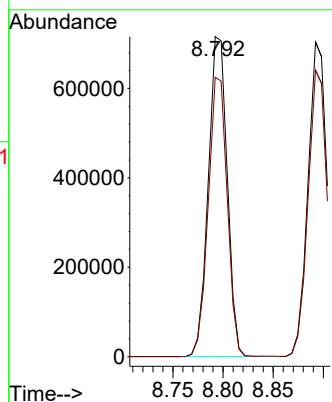
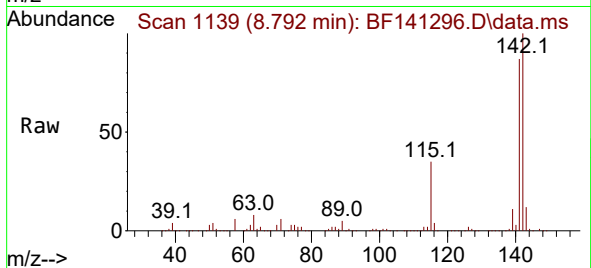




#37
2-Methylnaphthalene
Concen: 57.114 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

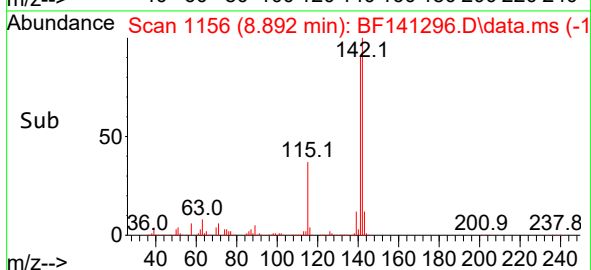
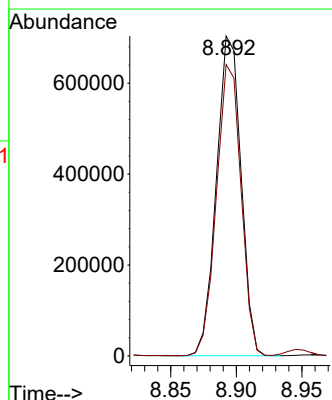
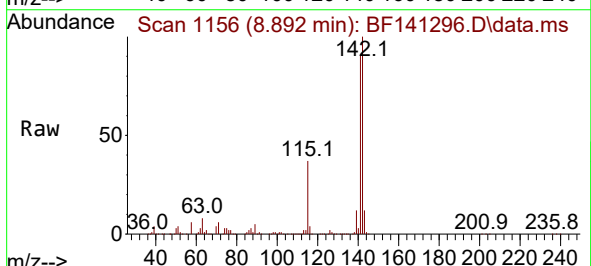
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

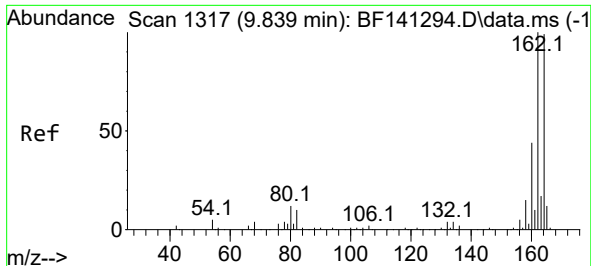
Tgt Ion:142 Resp: 941153
Ion Ratio Lower Upper
142 100
141 87.3 71.3 106.9



#38
1-Methylnaphthalene
Concen: 56.675 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:142 Resp: 917389
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8

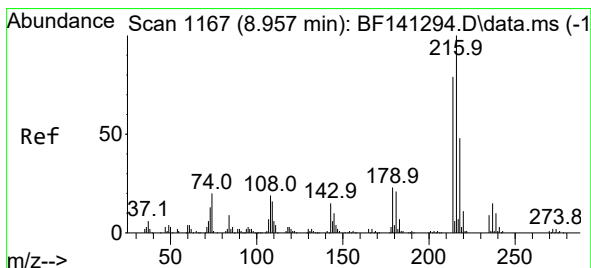
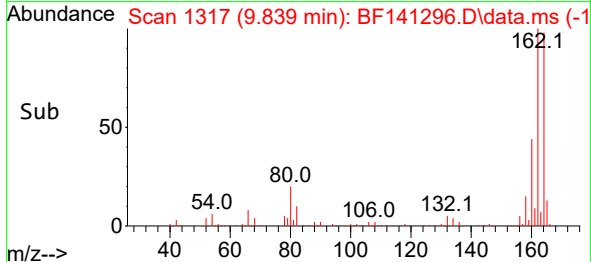
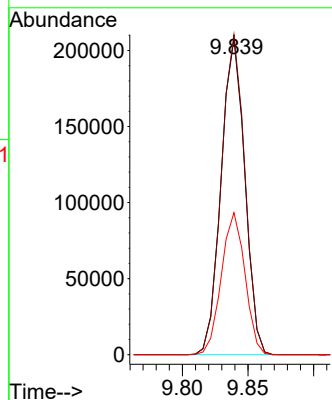
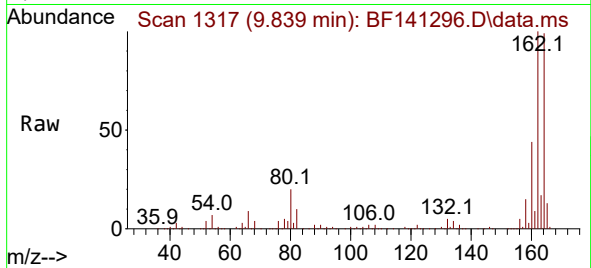




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

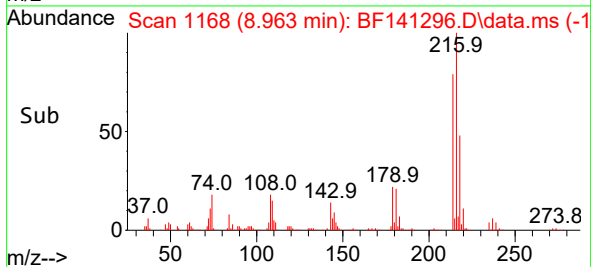
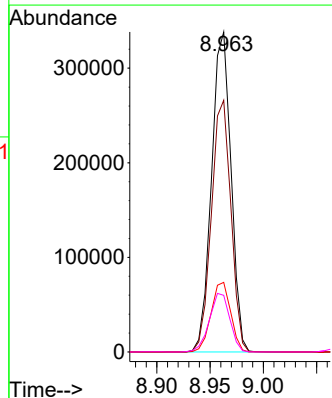
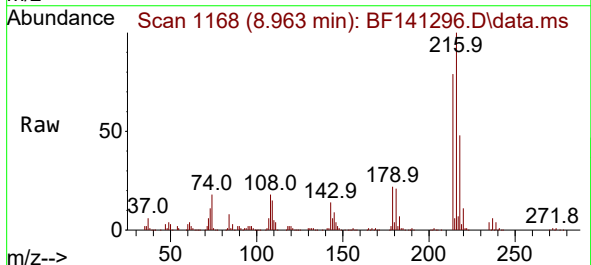
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

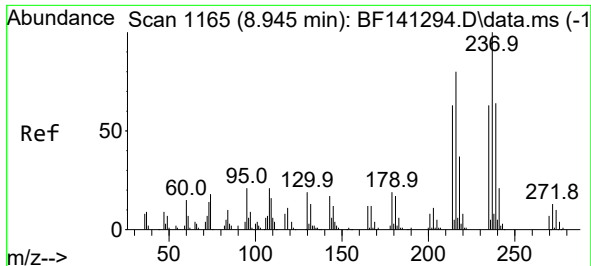
Tgt Ion:164 Resp: 260269
Ion Ratio Lower Upper
164 100
162 101.4 80.6 121.0
160 45.0 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.106 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:216 Resp: 430239
Ion Ratio Lower Upper
216 100
214 78.9 63.2 94.8
179 22.0 17.8 26.8
108 19.3 15.0 22.6

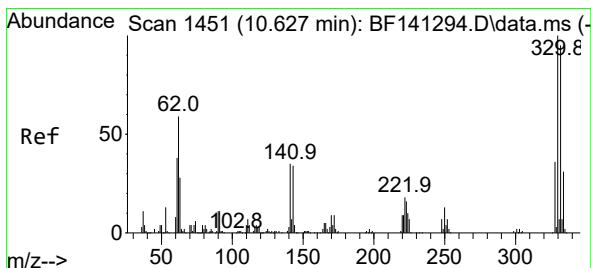
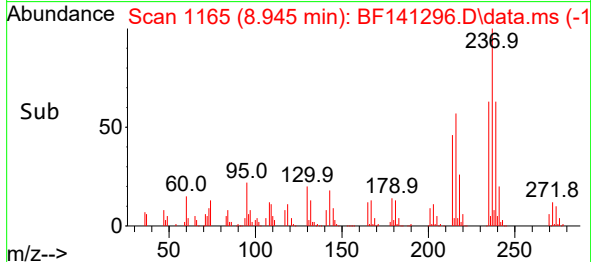
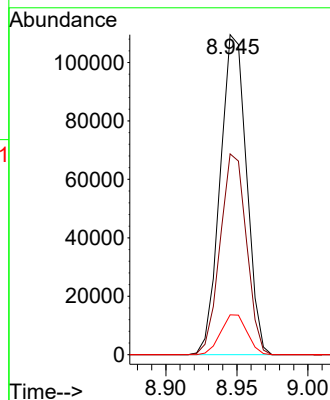
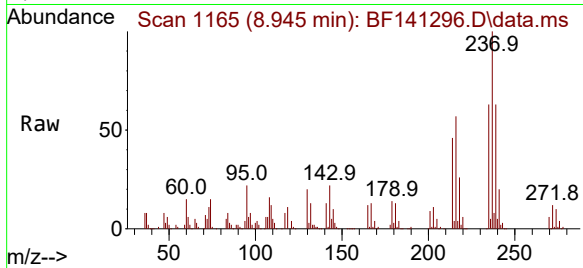




#41
Hexachlorocyclopentadiene
Concen: 64.657 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

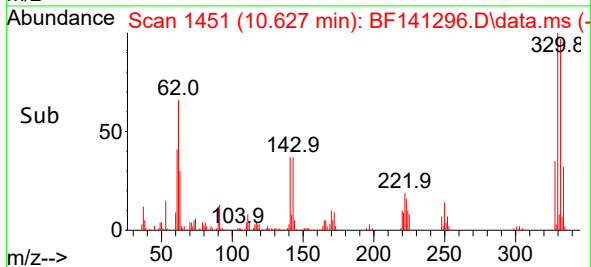
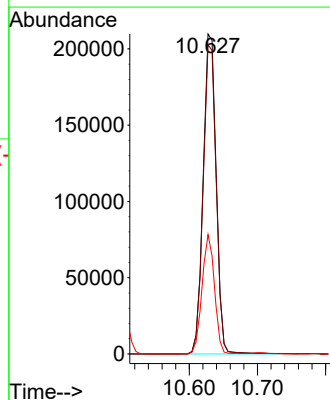
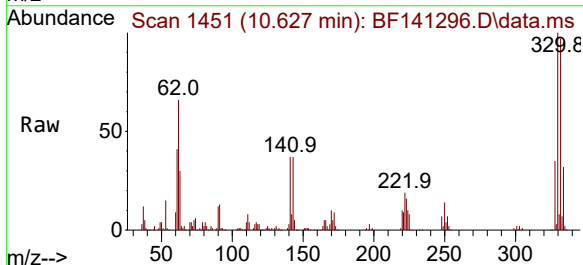
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

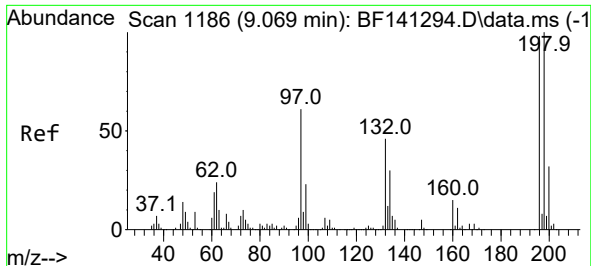
Tgt Ion:237 Resp: 141387
Ion Ratio Lower Upper
237 100
235 62.8 42.9 82.9
272 12.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 116.973 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:330 Resp: 279105
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 35.8 28.8 43.2

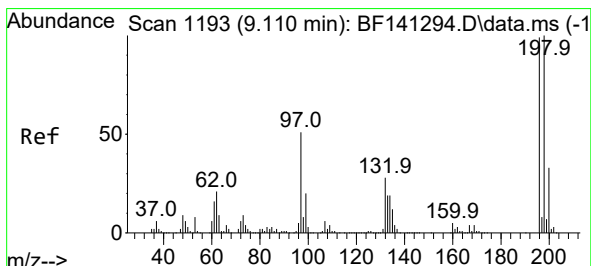
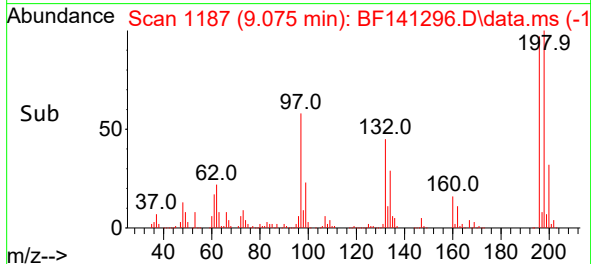
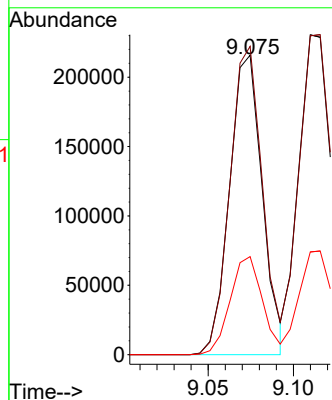
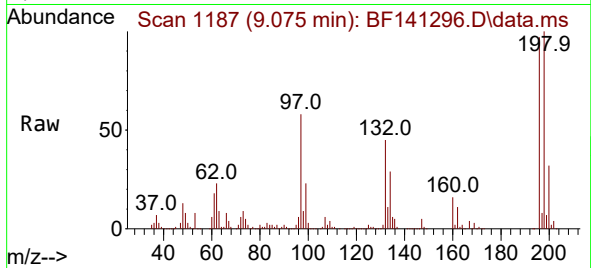




#43
 2,4,6-Trichlorophenol
 Concen: 59.485 ng
 RT: 9.075 min Scan# 1186
 Delta R.T. -0.000 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38

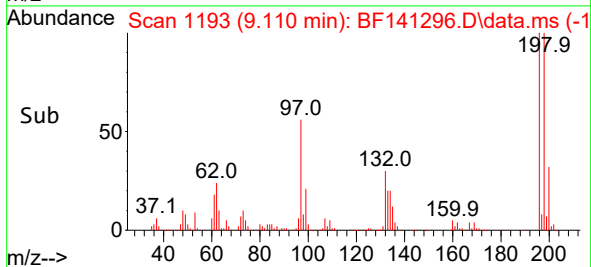
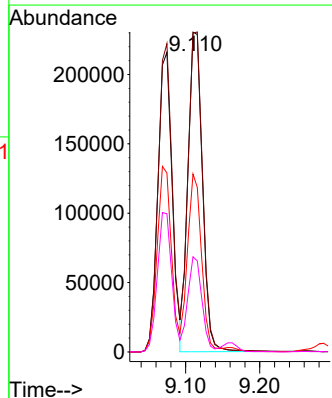
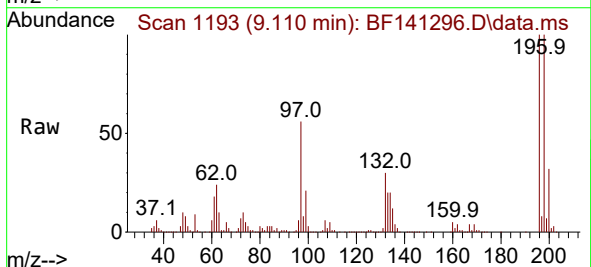
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

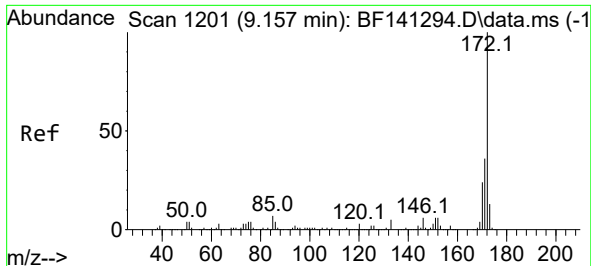
Tgt Ion:196 Resp: 288290
 Ion Ratio Lower Upper
 196 100
 198 102.9 81.8 122.6
 200 32.7 26.3 39.5



#44
 2,4,5-Trichlorophenol
 Concen: 59.702 ng
 RT: 9.110 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38

Tgt Ion:196 Resp: 314912
 Ion Ratio Lower Upper
 196 100
 198 99.7 80.5 120.7
 97 55.7 42.8 64.2
 132 29.7 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 107.891 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

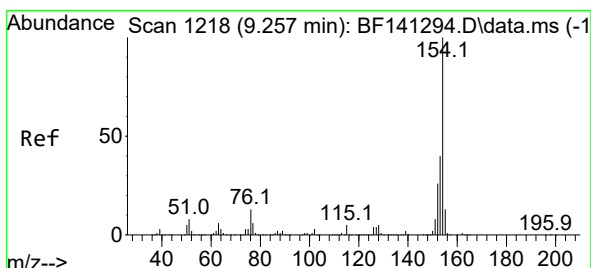
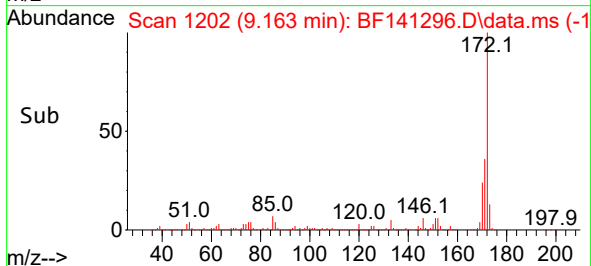
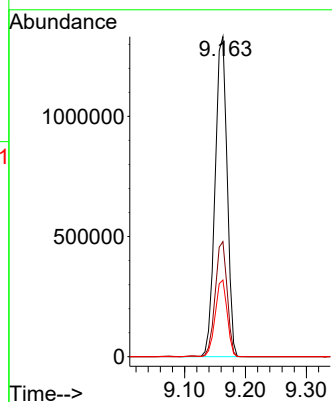
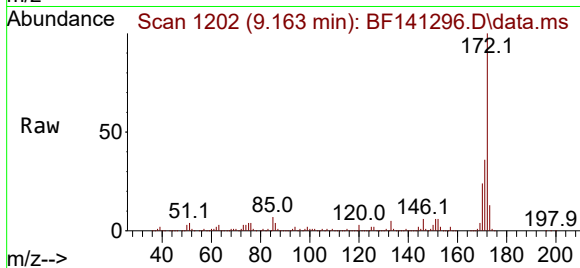
Tgt Ion:172 Resp: 1824372

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 56.161 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

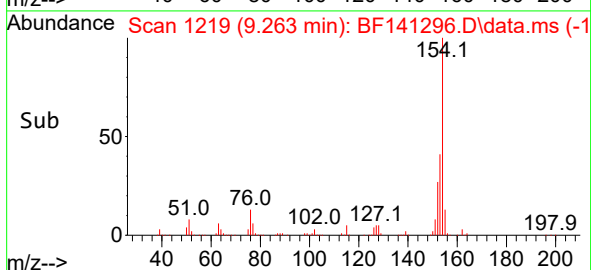
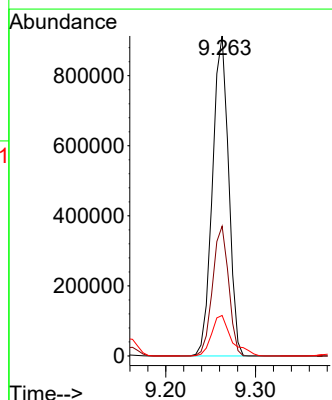
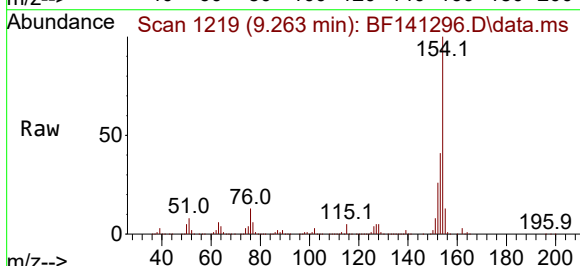
Tgt Ion:154 Resp: 1139946

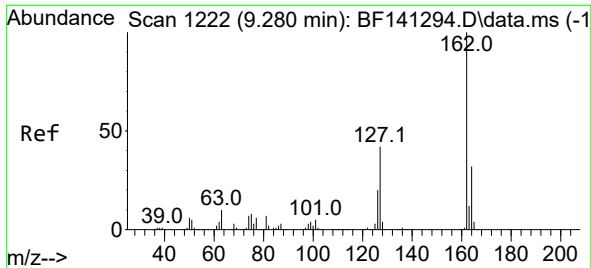
Ion Ratio Lower Upper

154 100

153 40.6 20.0 60.0

76 12.7 0.0 32.8

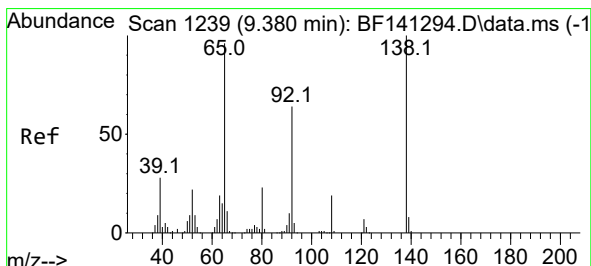
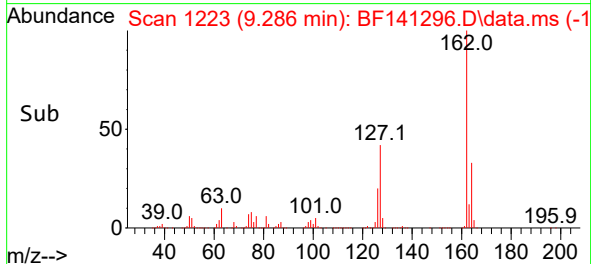
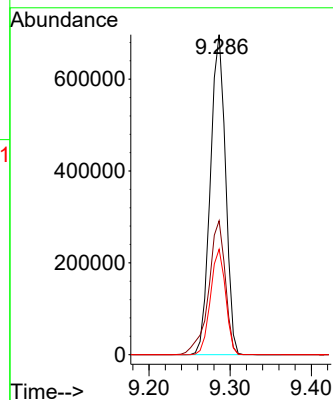
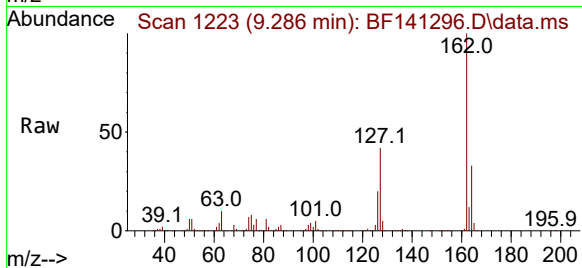




#47
2-Chloronaphthalene
Concen: 57.048 ng
RT: 9.286 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

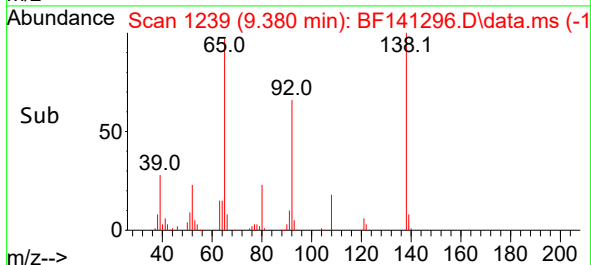
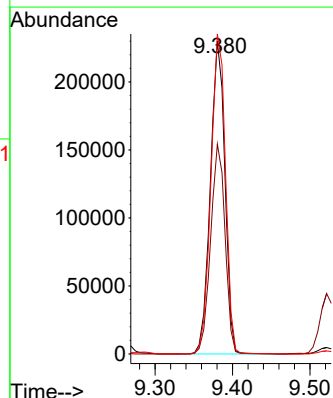
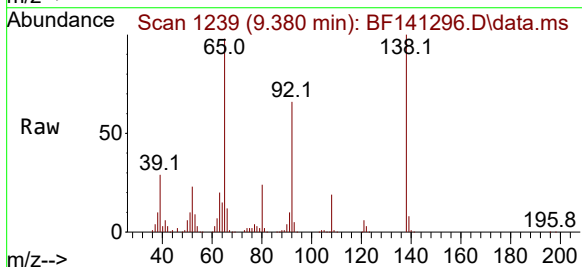
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

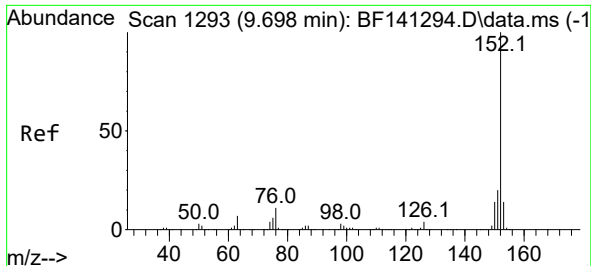
Tgt Ion:162 Resp: 902561
Ion Ratio Lower Upper
162 100
127 41.8 33.7 50.5
164 33.0 25.9 38.9



#48
2-Nitroaniline
Concen: 60.353 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 65 Resp: 300339
Ion Ratio Lower Upper
65 100
92 67.1 53.3 79.9
138 102.3 83.6 125.4

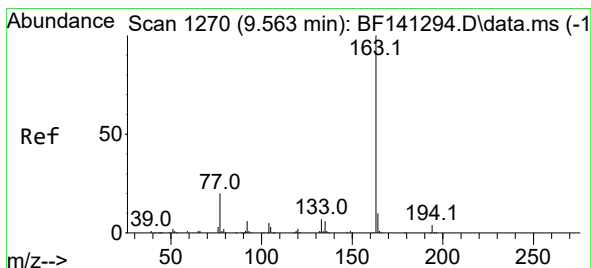
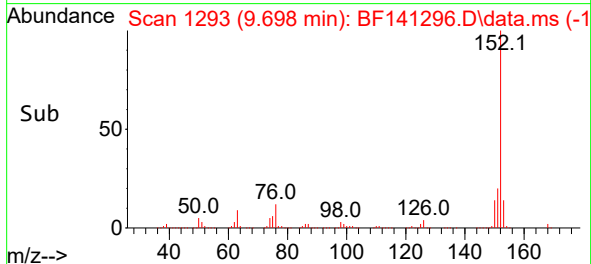
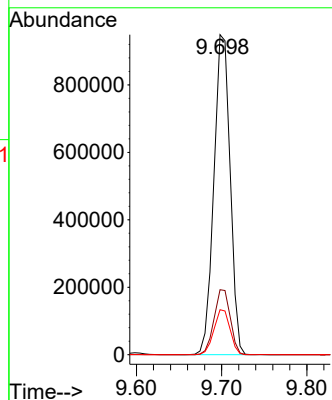
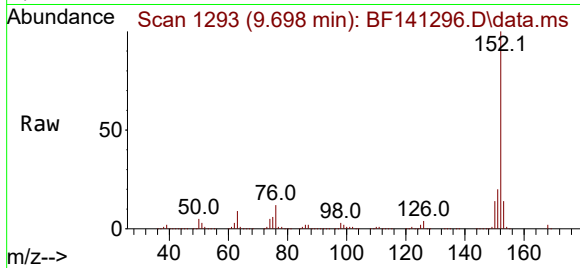




#49
Acenaphthylene
Concen: 56.836 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

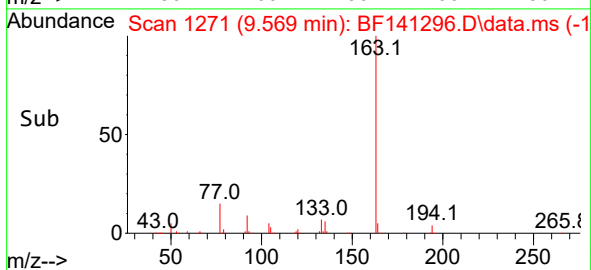
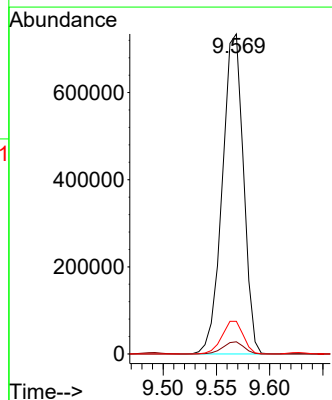
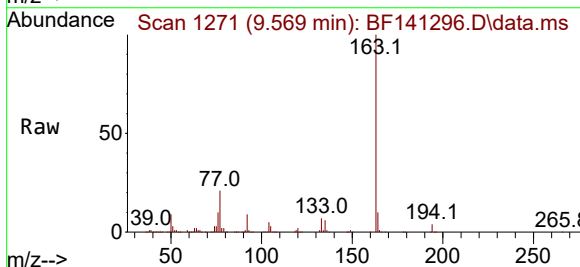
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

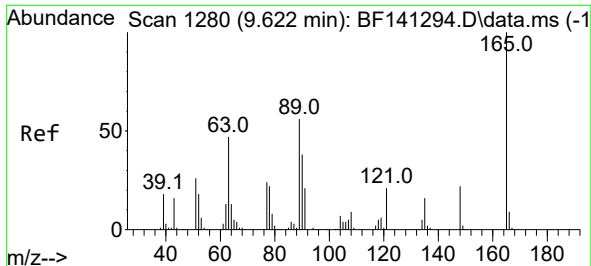
Tgt Ion:152 Resp: 1258733
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 14.1 11.0 16.6



#50
Dimethylphthalate
Concen: 57.587 ng
RT: 9.569 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:163 Resp: 1012298
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.0 12.0

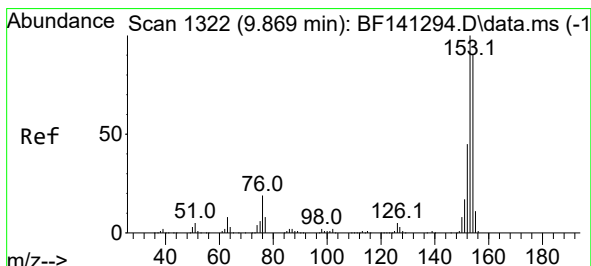
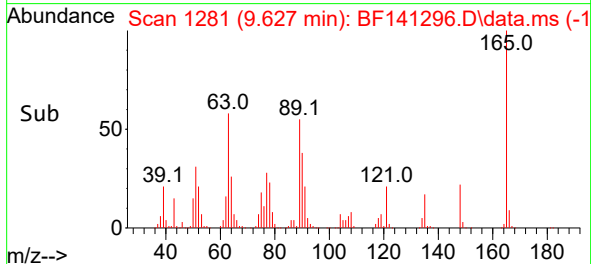
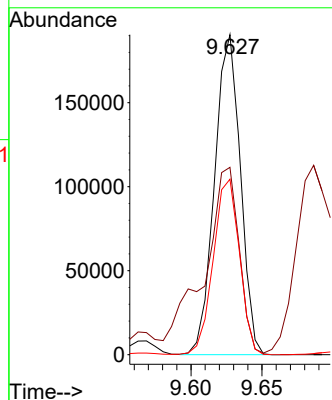
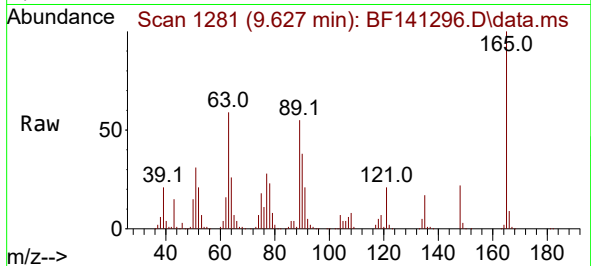




#51
2,6-Dinitrotoluene
Concen: 59.106 ng
RT: 9.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

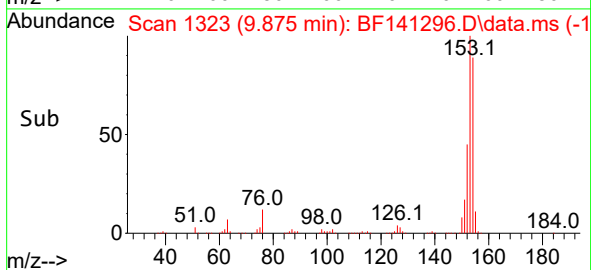
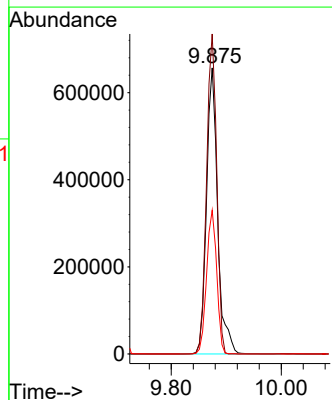
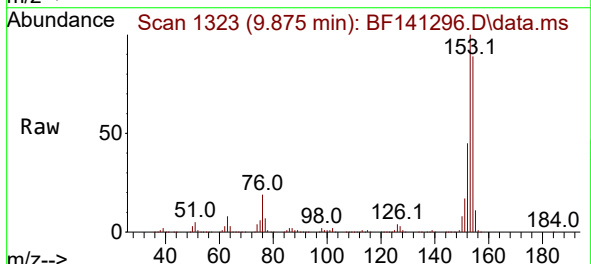
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

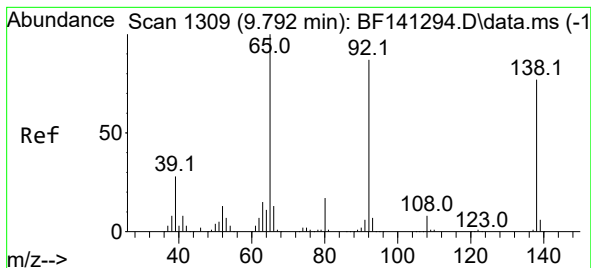
Tgt Ion:165 Resp: 241241
Ion Ratio Lower Upper
165 100
63 58.5 48.1 72.1
89 54.8 44.9 67.3



#52
Acenaphthene
Concen: 58.244 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:154 Resp: 921519
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.4
152 50.2 40.2 60.4





#53

3-Nitroaniline

Concen: 58.165 ng

RT: 9.792 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

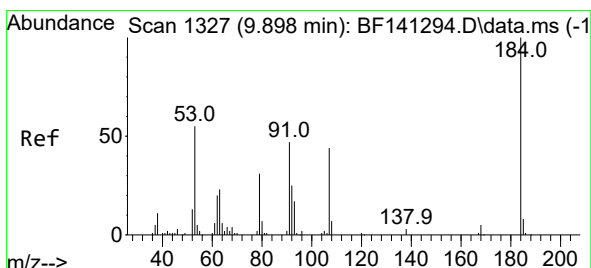
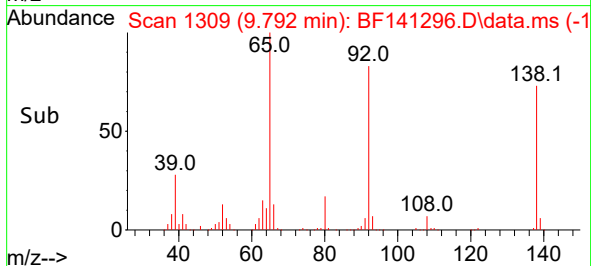
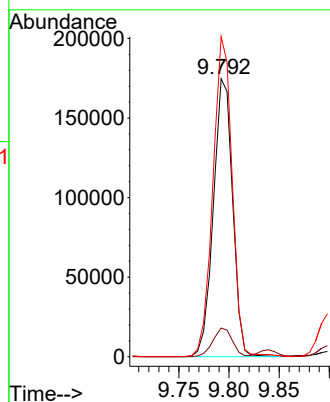
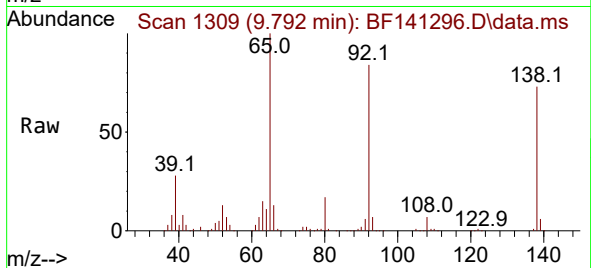
Tgt Ion:138 Resp: 232680

Ion Ratio Lower Upper

138 100

108 10.3 8.6 12.8

92 115.2 91.0 136.6



#54

2,4-Dinitrophenol

Concen: 69.701 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

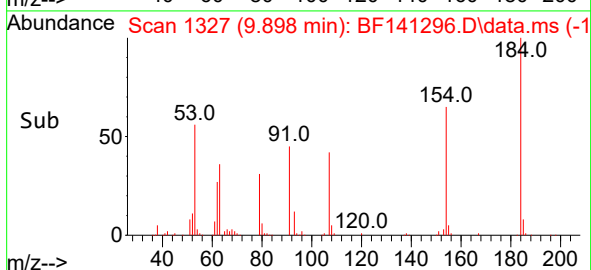
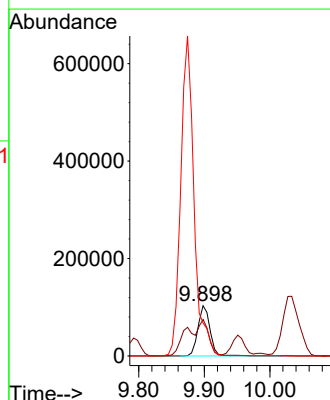
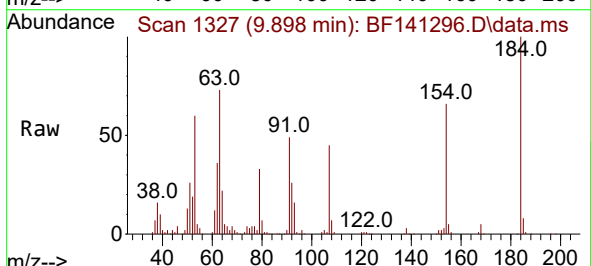
Tgt Ion:184 Resp: 132244

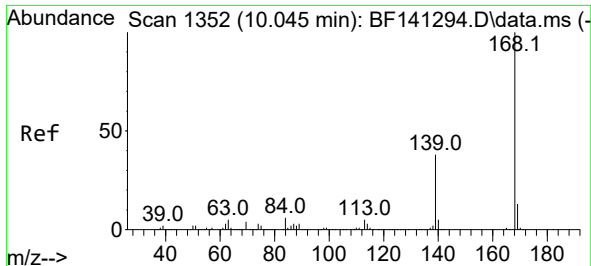
Ion Ratio Lower Upper

184 100

63 72.8 54.1 81.1

154 65.5 50.7 76.1

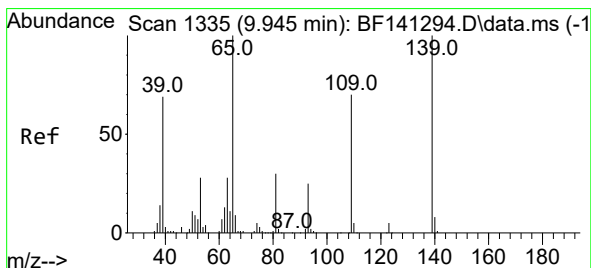
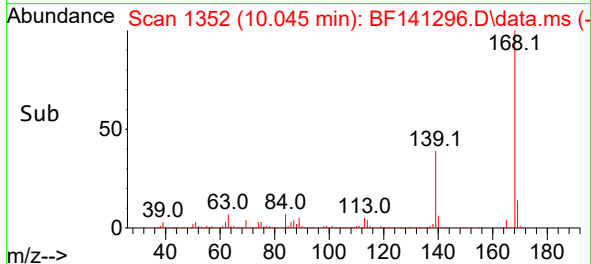
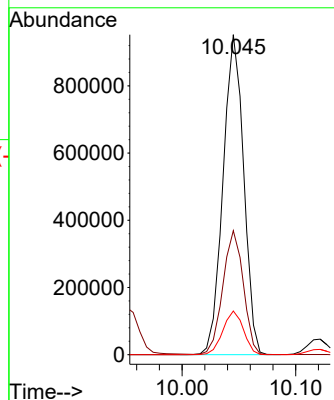
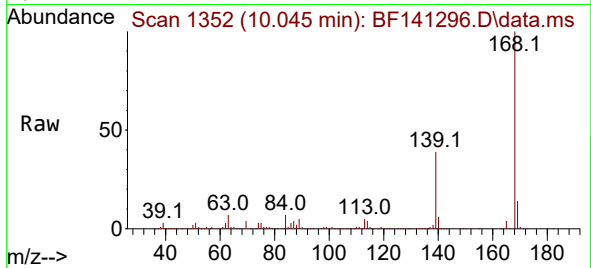




#55
Dibenzofuran
Concen: 56.758 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

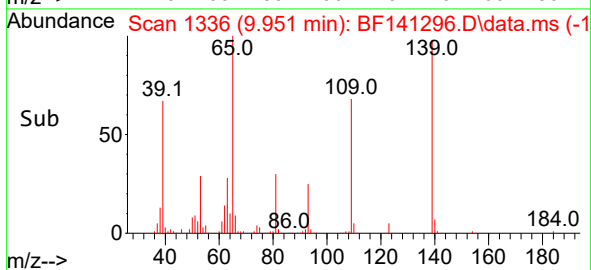
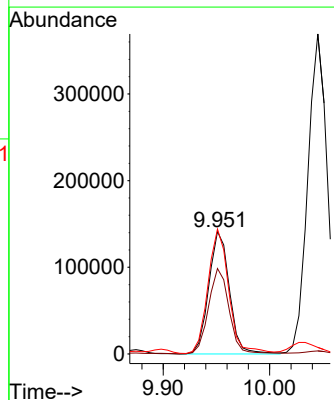
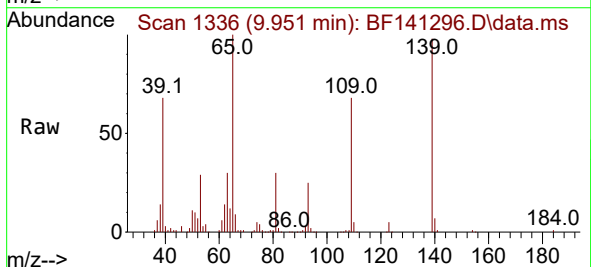
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

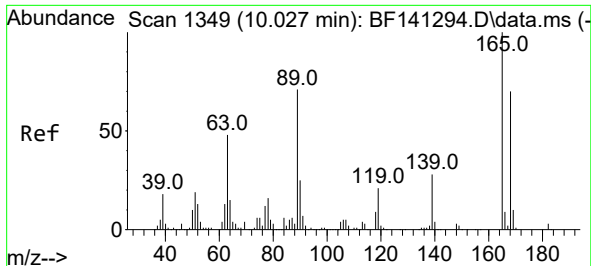
Tgt Ion:168 Resp: 1202027
Ion Ratio Lower Upper
168 100
139 38.8 30.6 46.0
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 65.156 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:139 Resp: 190620
Ion Ratio Lower Upper
139 100
109 69.8 50.2 90.2
65 102.1 80.6 120.6

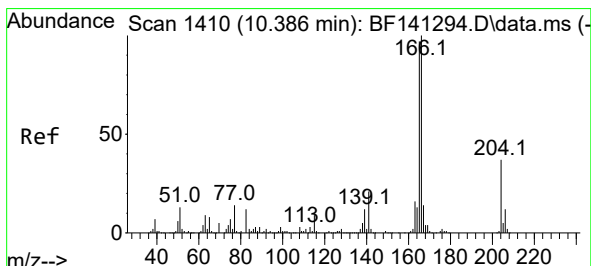
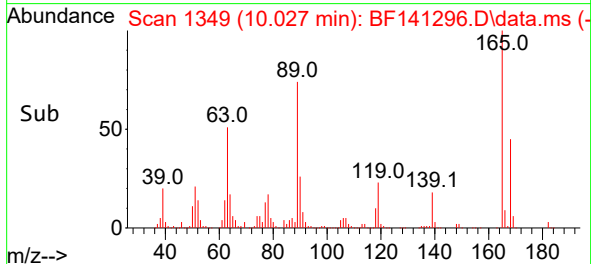
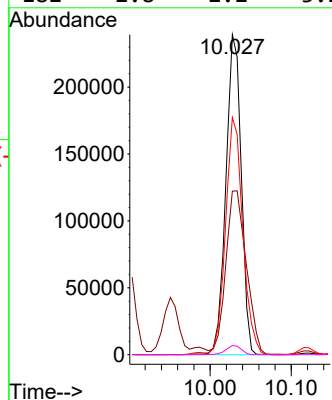
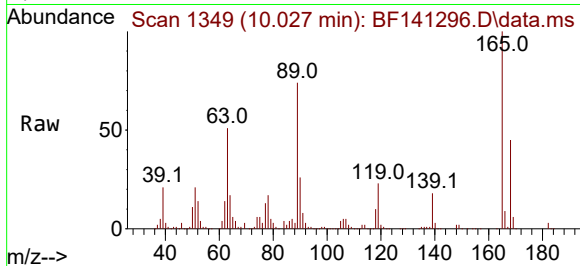




#57
2,4-Dinitrotoluene
Concen: 59.651 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

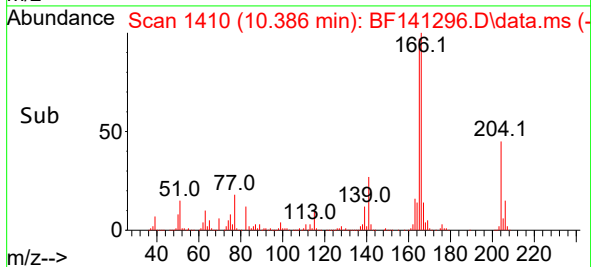
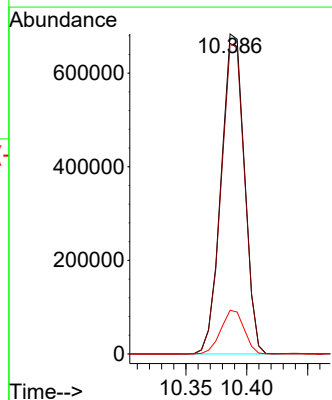
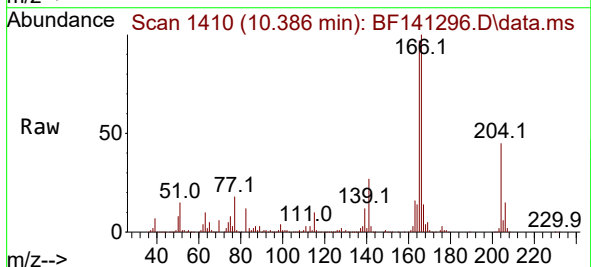
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

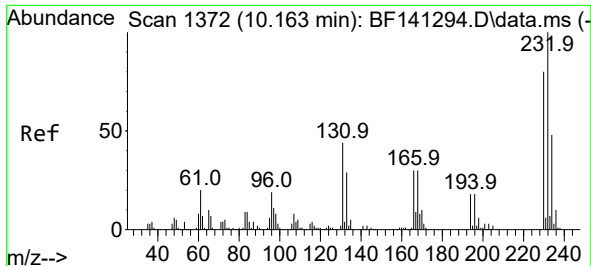
Tgt Ion:165 Resp: 315221
Ion Ratio Lower Upper
165 100
63 51.1 39.2 58.8
89 74.2 56.9 85.3
182 2.8 2.2 3.2



#58
Fluorene
Concen: 55.715 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:166 Resp: 915246
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 13.6 10.9 16.3

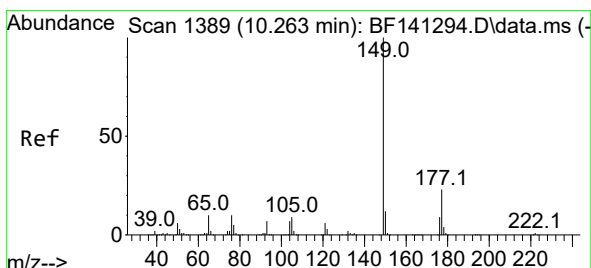
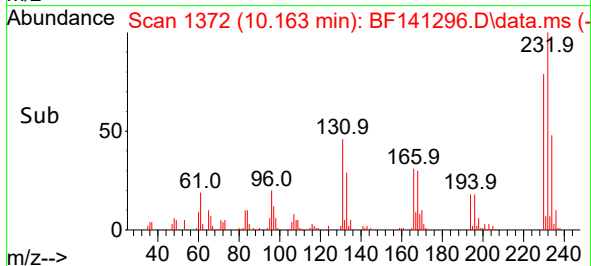
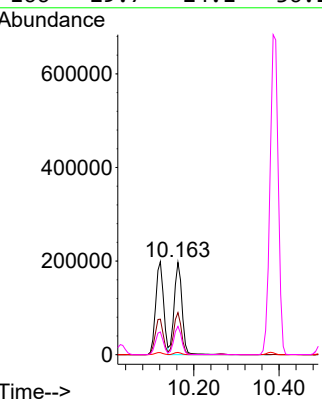
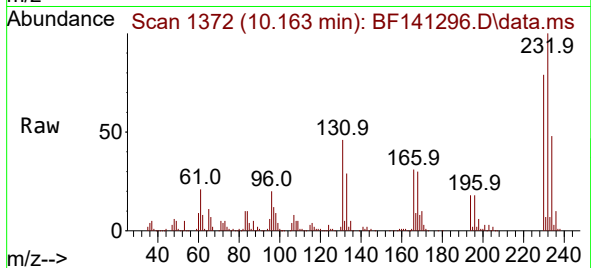




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.959 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

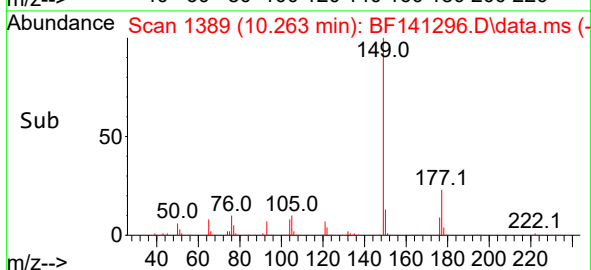
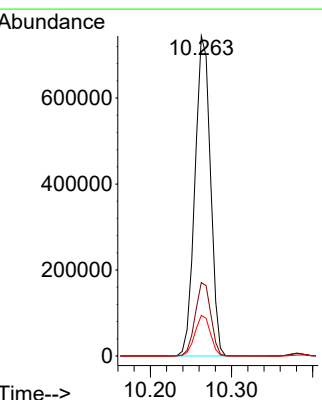
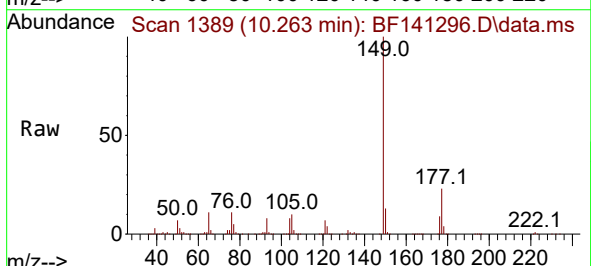
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

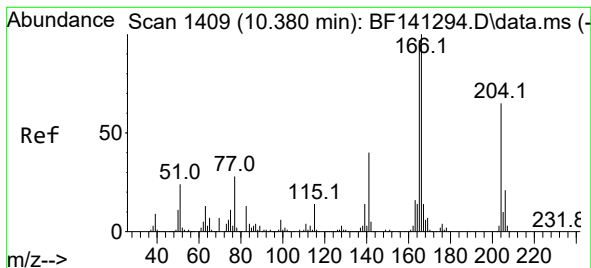
Tgt Ion:232 Resp: 252964
Ion Ratio Lower Upper
232 100
131 45.3 36.4 54.6
130 2.3 1.9 2.9
166 29.7 24.1 36.1



#60
Diethylphthalate
Concen: 57.719 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 983788
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.7 10.0 15.0

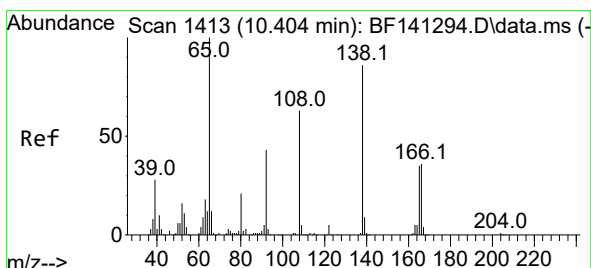
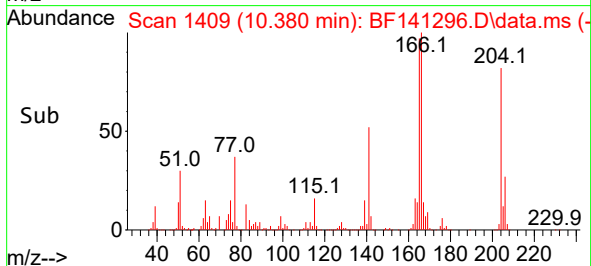
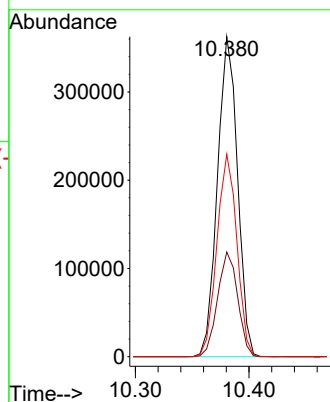
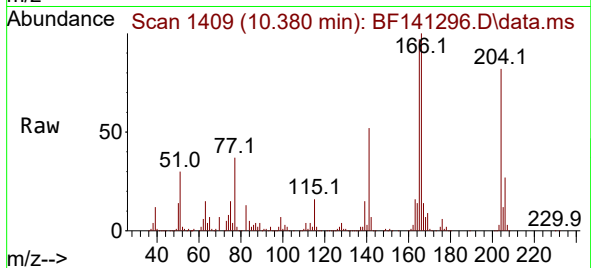




#61
4-Chlorophenyl-phenylether
Concen: 55.561 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

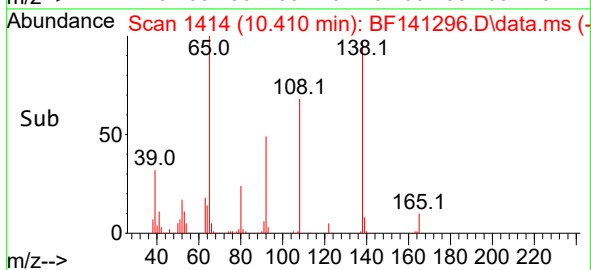
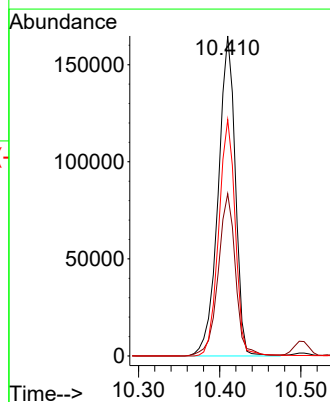
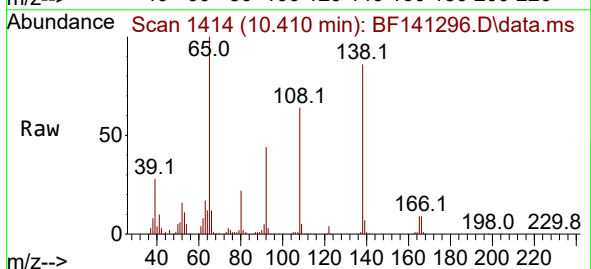
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

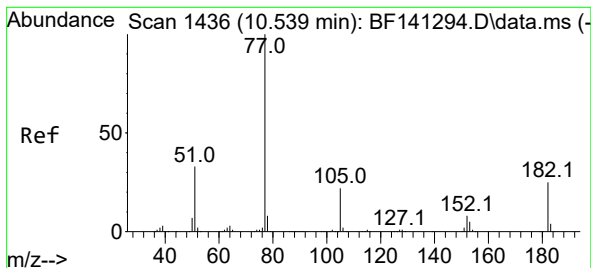
Tgt Ion:204 Resp: 445841
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 63.2 49.5 74.3



#62
4-Nitroaniline
Concen: 61.715 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:138 Resp: 242716
Ion Ratio Lower Upper
138 100
92 50.7 30.1 70.1
108 73.8 53.1 93.1





#63

Azobenzene

Concen: 58.414 ng

RT: 10.539 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 996608

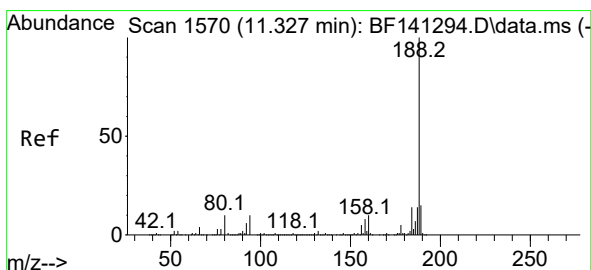
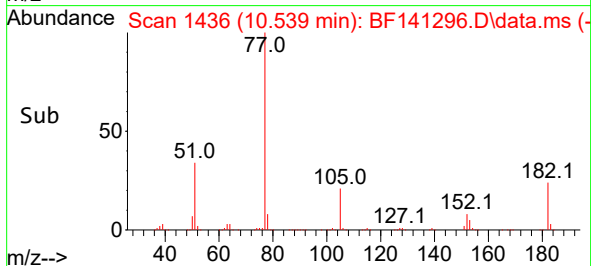
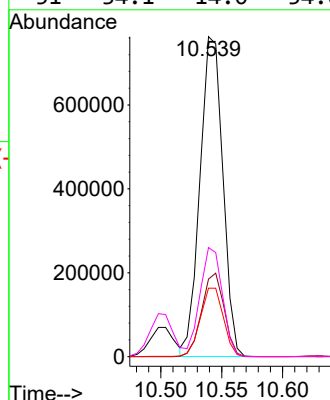
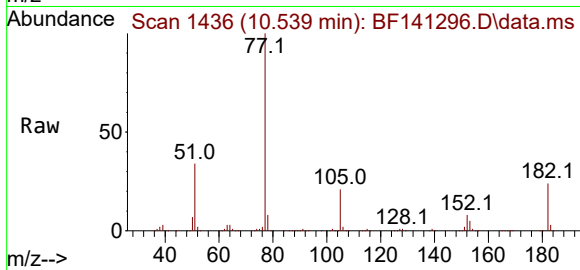
Ion Ratio Lower Upper

77 100

182 24.3 5.1 45.1

105 21.4 1.8 41.8

51 34.1 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

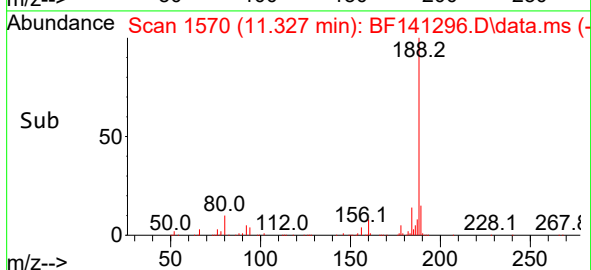
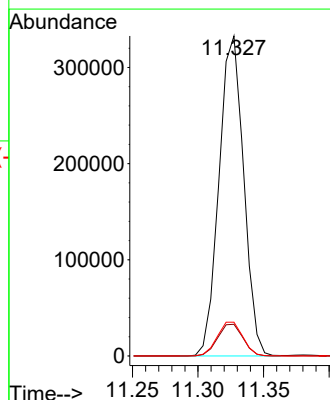
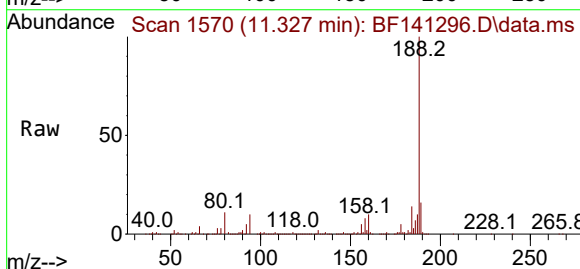
Tgt Ion:188 Resp: 434671

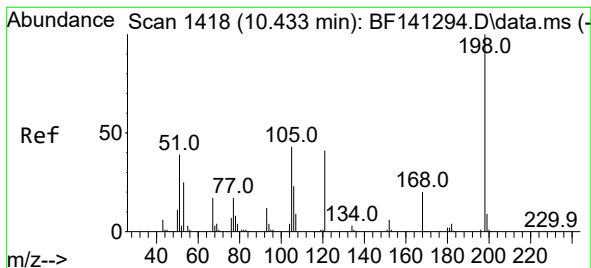
Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

80 10.6 8.2 12.4

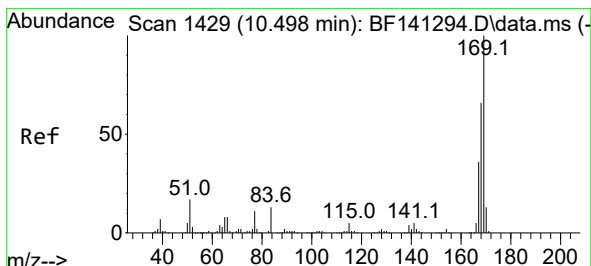
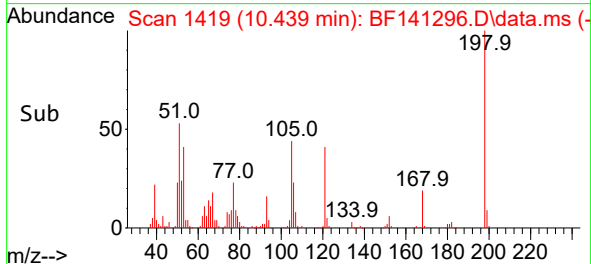
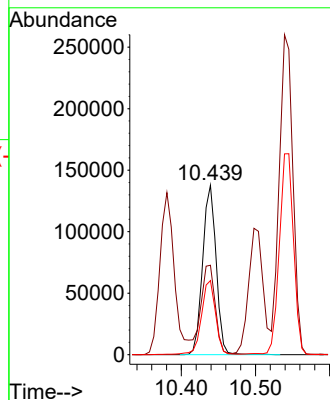
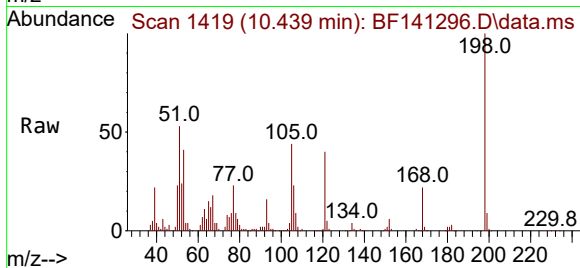




#65
4,6-Dinitro-2-methylphenol
Concen: 67.773 ng
RT: 10.439 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

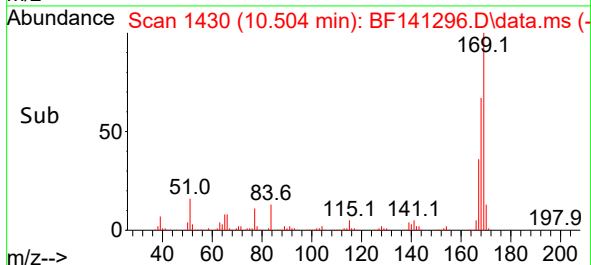
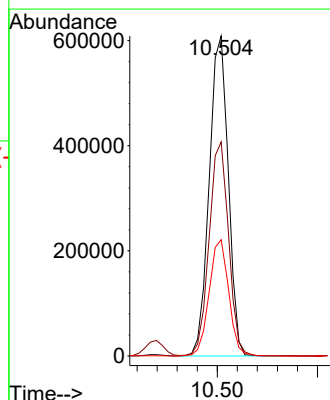
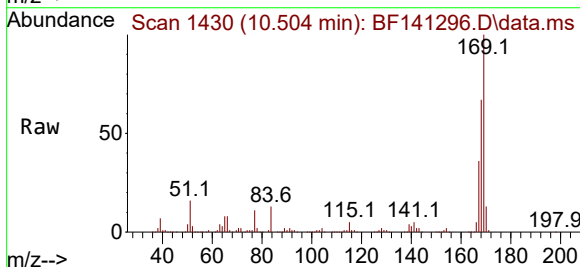
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

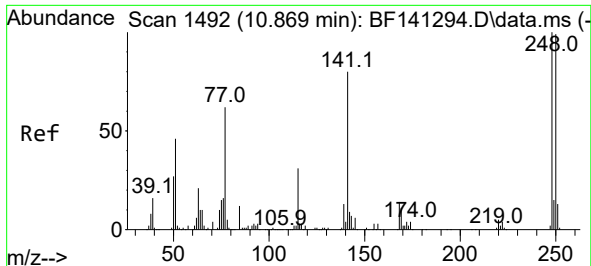
Tgt Ion:198 Resp: 174248
Ion Ratio Lower Upper
198 100
51 52.8 33.4 73.4
105 43.7 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 56.914 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:169 Resp: 800147
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.4
167 36.3 28.8 43.2

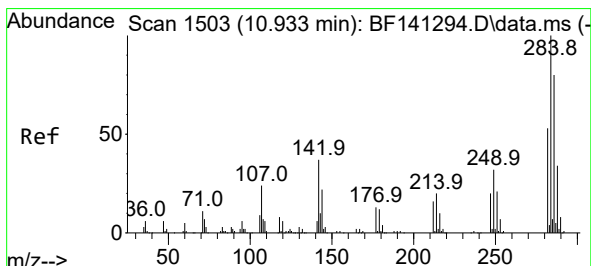
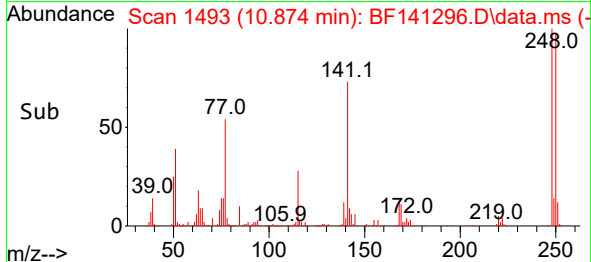
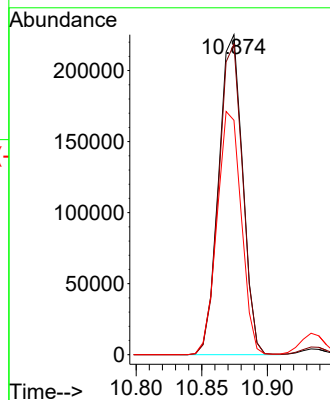
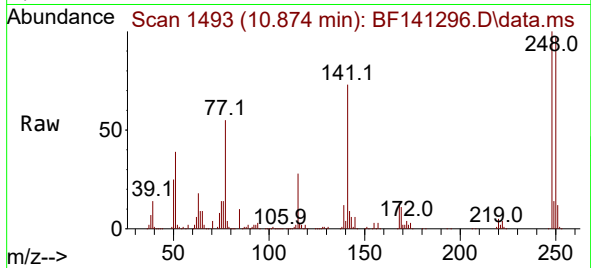




#67
4-Bromophenyl-phenylether
Concen: 58.905 ng
RT: 10.874 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

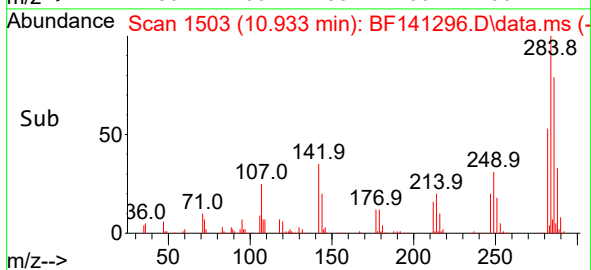
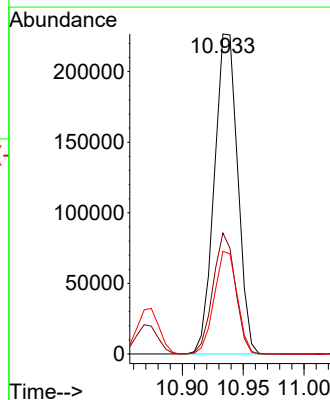
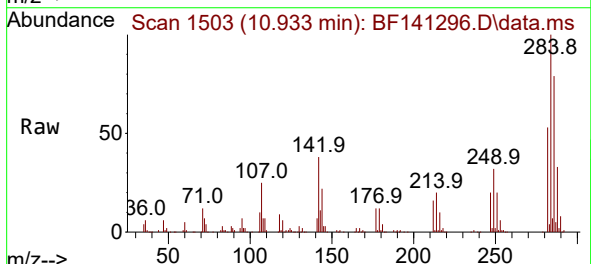
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

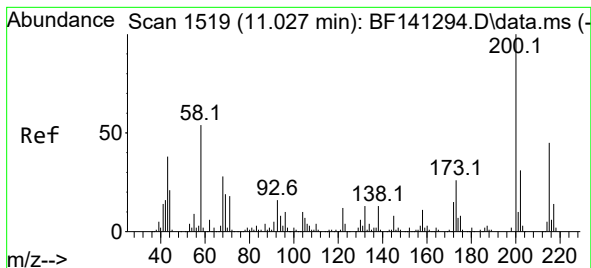
Tgt Ion:248 Resp: 286647
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.4
141 73.2 63.7 95.5



#68
Hexachlorobenzene
Concen: 58.604 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:284 Resp: 302508
Ion Ratio Lower Upper
284 100
142 37.8 29.5 44.3
249 32.0 25.4 38.2





#69

Atrazine

Concen: 65.210 ng

RT: 11.033 min Scan# 1520

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

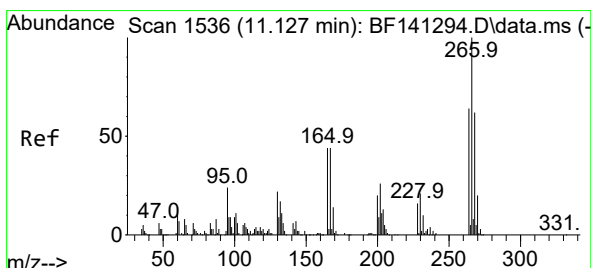
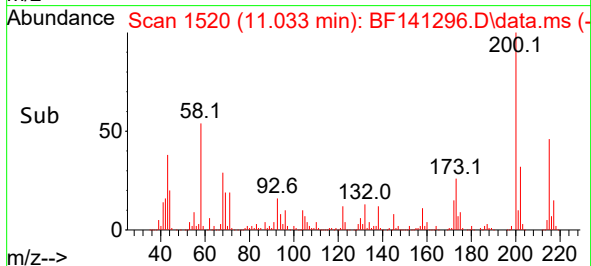
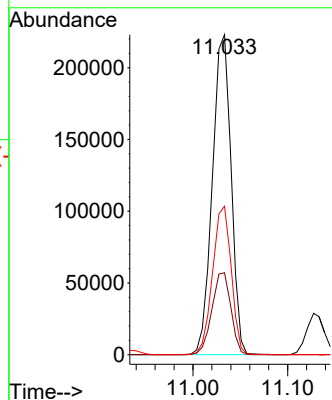
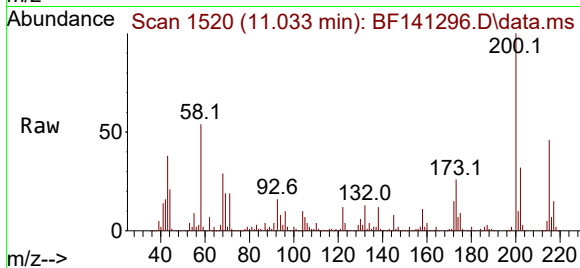
Tgt Ion:200 Resp: 306524

Ion Ratio Lower Upper

200 100

173 25.6 5.9 45.9

215 46.4 25.2 65.2



#70

Pentachlorophenol

Concen: 64.291 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

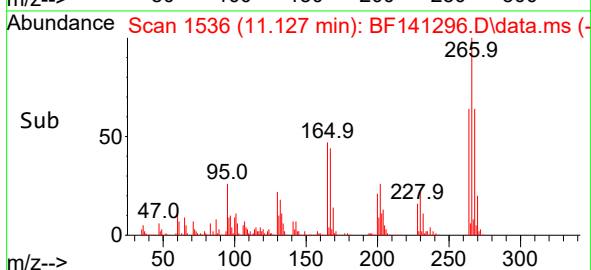
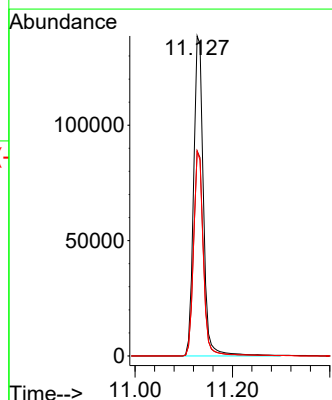
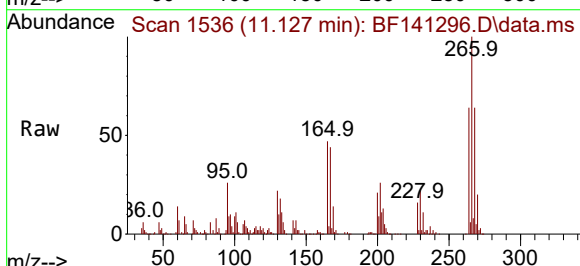
Tgt Ion:266 Resp: 194335

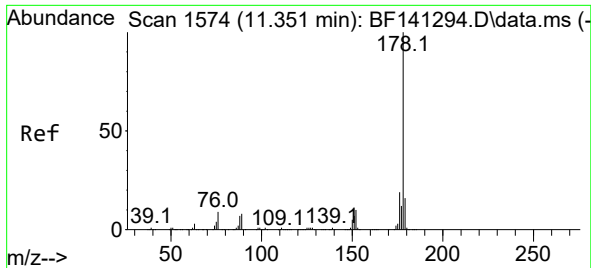
Ion Ratio Lower Upper

266 100

268 64.1 49.9 74.9

264 63.9 51.0 76.4

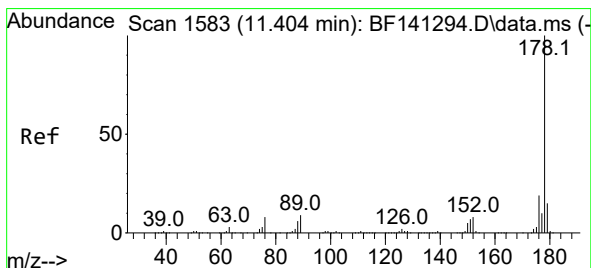
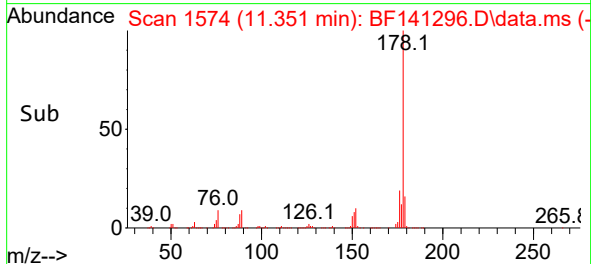
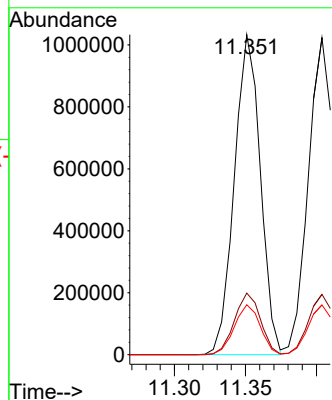
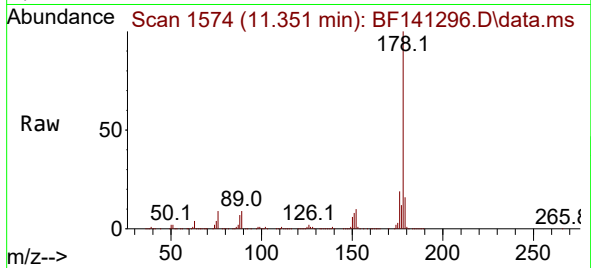




#71
Phenanthrene
Concen: 56.365 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

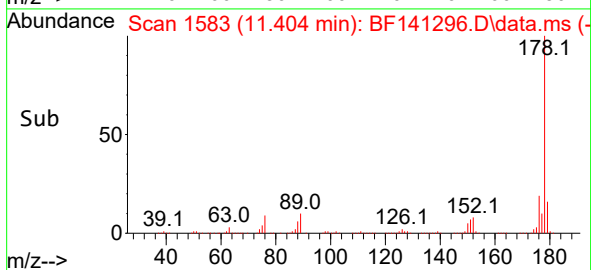
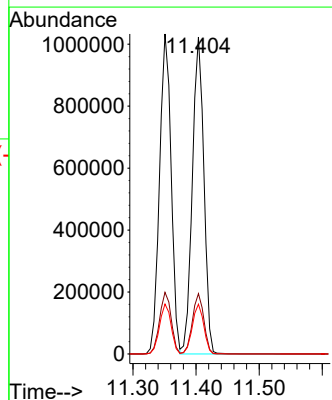
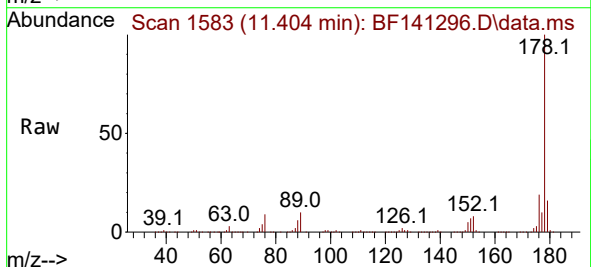
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

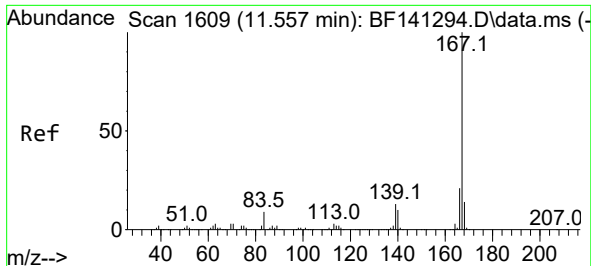
Tgt Ion:178 Resp: 1316980
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 56.711 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:178 Resp: 1298334
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.7 12.3 18.5

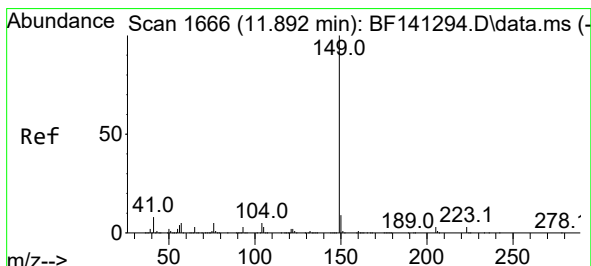
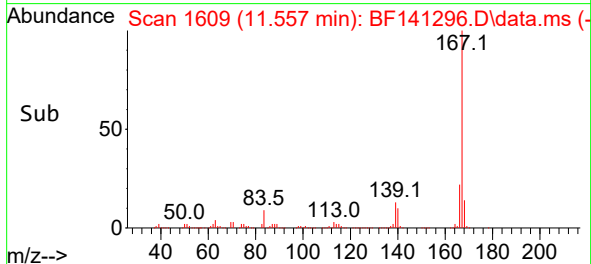
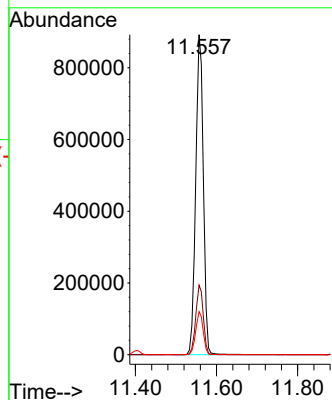
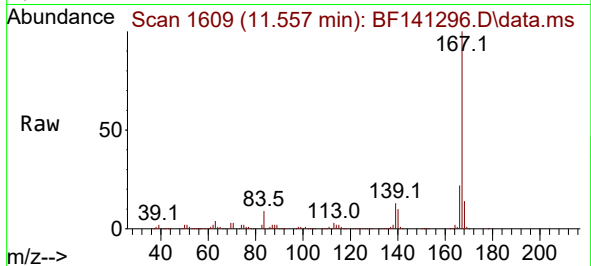




#73
 Carbazole
 Concen: 57.798 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38

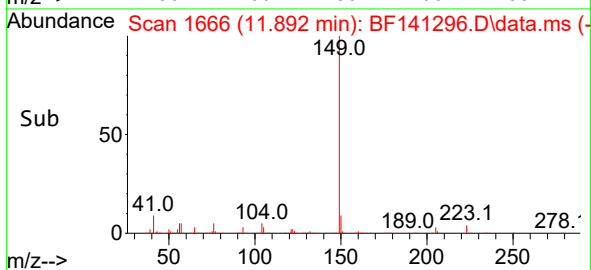
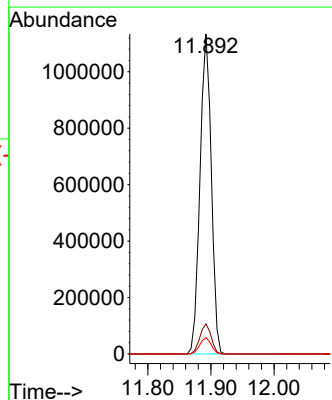
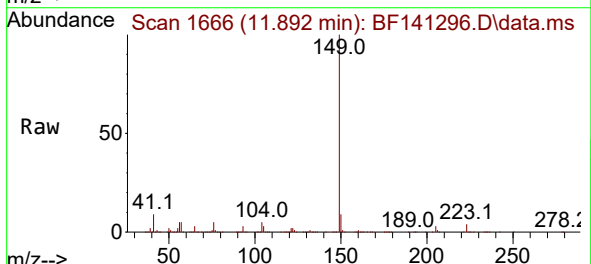
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

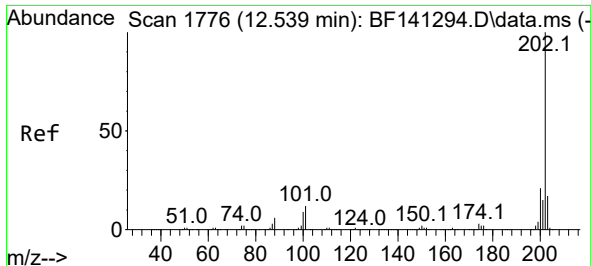
Tgt Ion:167 Resp: 1173330
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 57.322 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 1410222
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.1 3.9 5.9

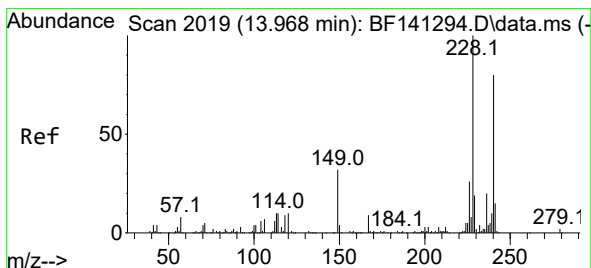
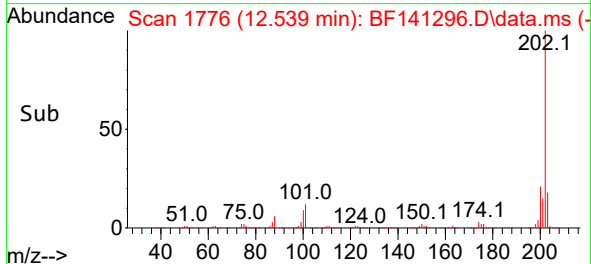
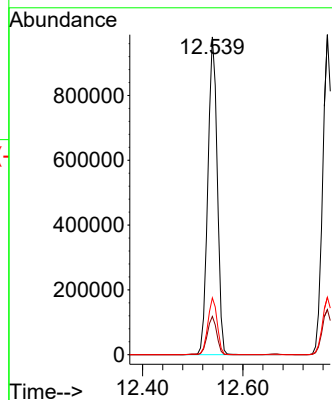
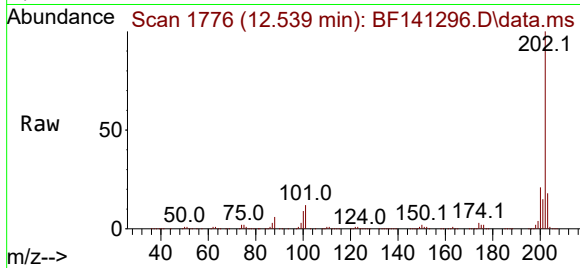




#75
Fluoranthene
Concen: 55.482 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

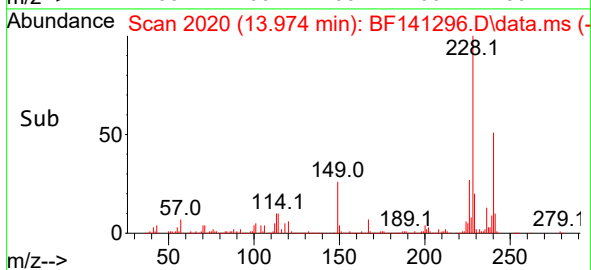
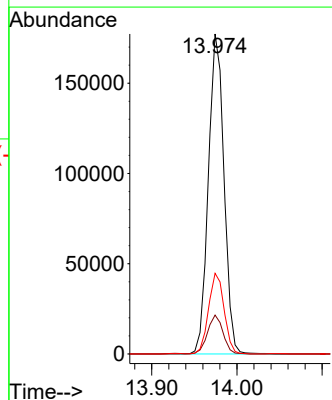
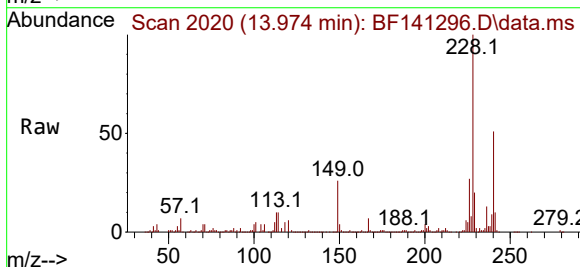
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

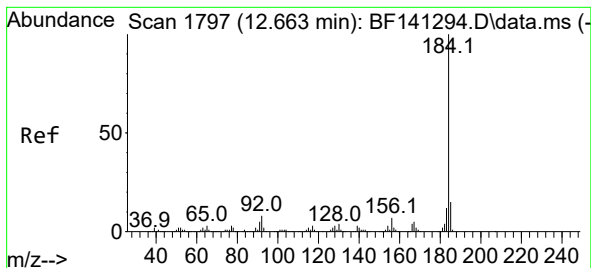
Tgt Ion:202 Resp: 1279995
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.7
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:240 Resp: 225615
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 25.2 19.7 29.5





#77

Benzidine

Concen: 67.748 ng

RT: 12.663 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

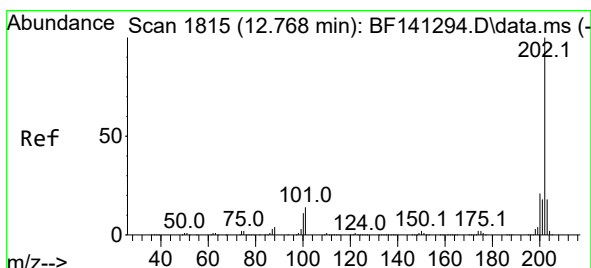
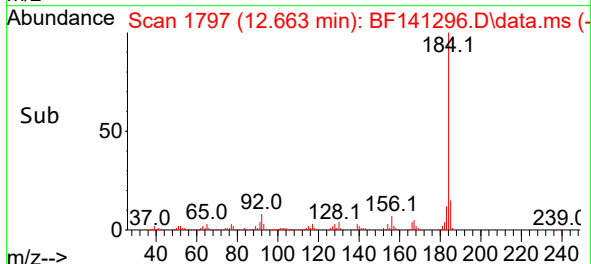
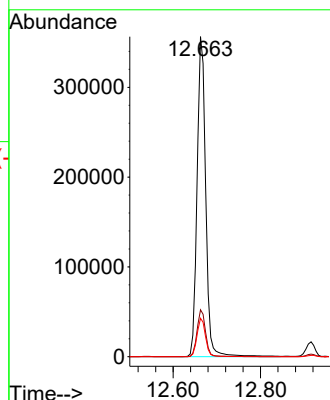
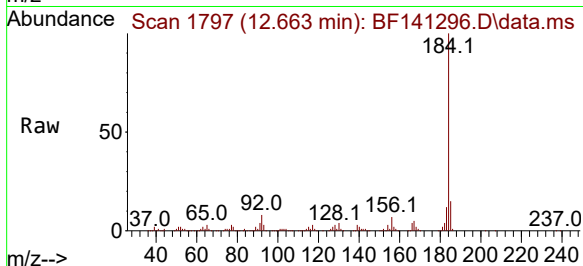
Tgt Ion:184 Resp: 490009

Ion Ratio Lower Upper

184 100

185 14.7 11.9 17.9

183 12.0 9.5 14.3



#78

Pyrene

Concen: 59.326 ng

RT: 12.768 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

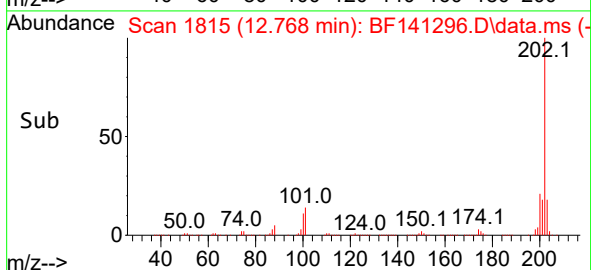
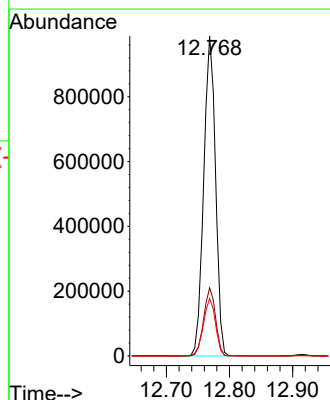
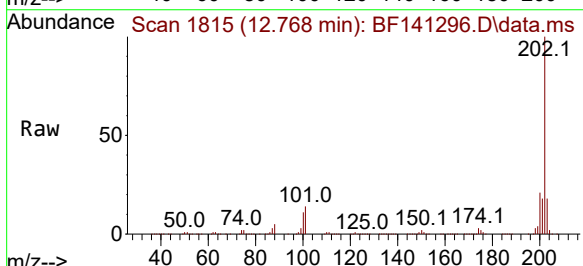
Tgt Ion:202 Resp: 1284820

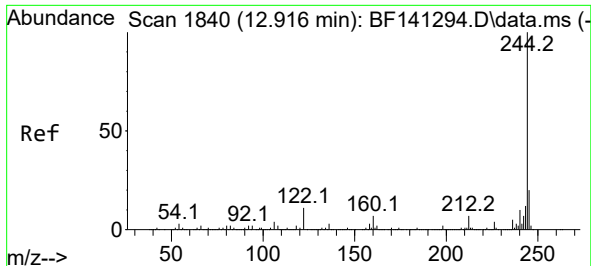
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

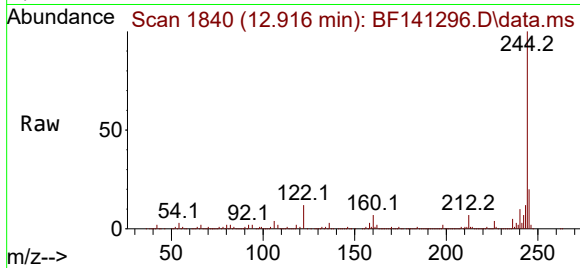
203 18.0 14.3 21.5





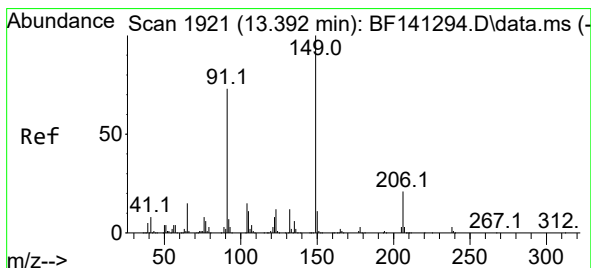
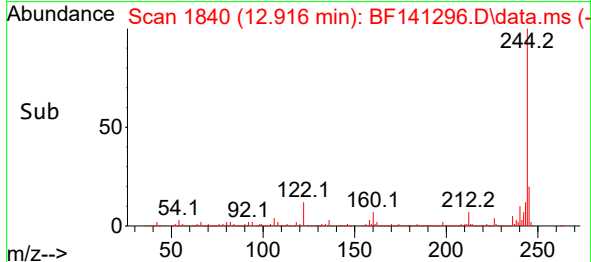
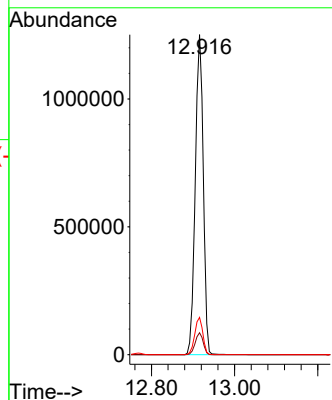
#79
 Terphenyl-d14
 Concen: 113.851 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060



Tgt Ion:244 Resp: 1665591

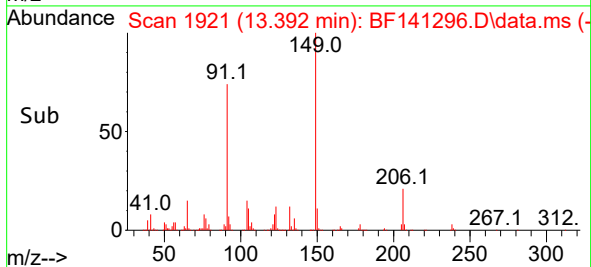
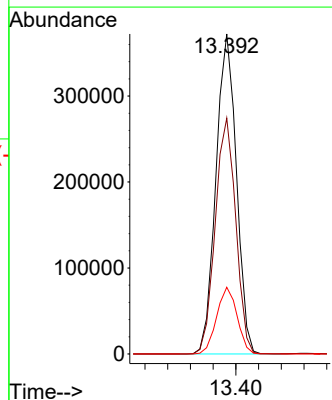
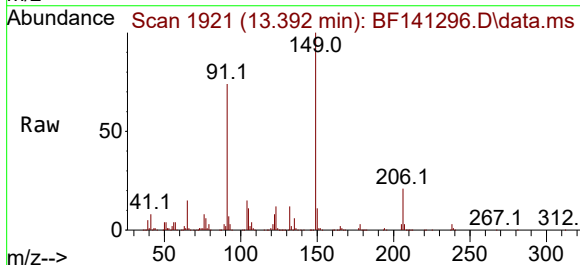
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.6	8.8	13.2

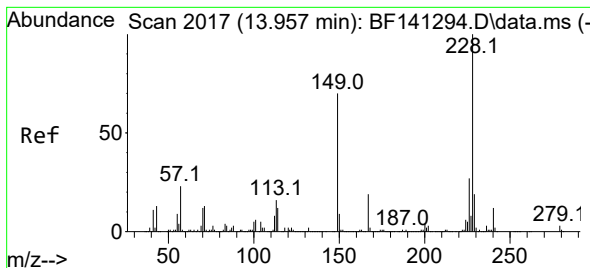


#80
 Butylbenzylphthalate
 Concen: 61.530 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 465533

Ion	Ratio	Lower	Upper
149	100		
91	73.7	58.6	87.8
206	20.8	16.7	25.1





#81

Benzo(a)anthracene

Concen: 58.914 ng

RT: 13.962 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

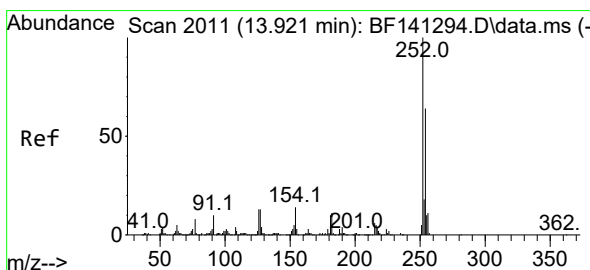
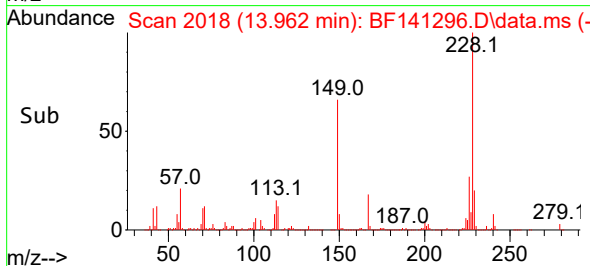
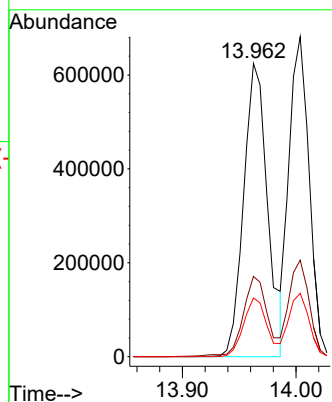
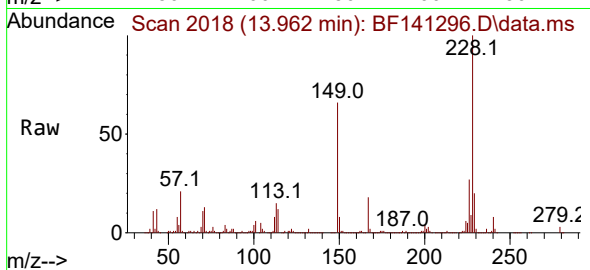
Tgt Ion:228 Resp: 917219

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 63.717 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

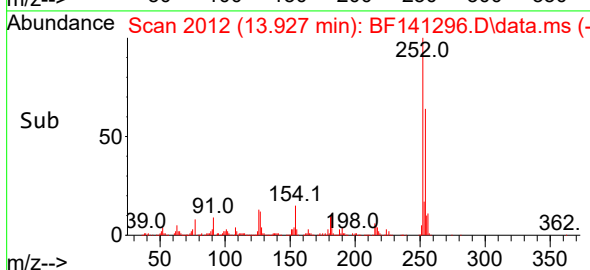
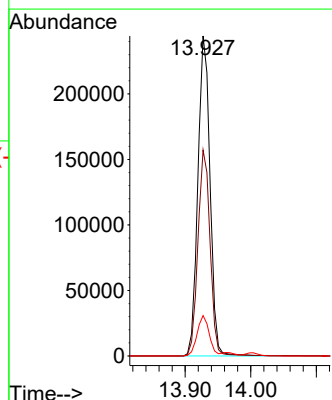
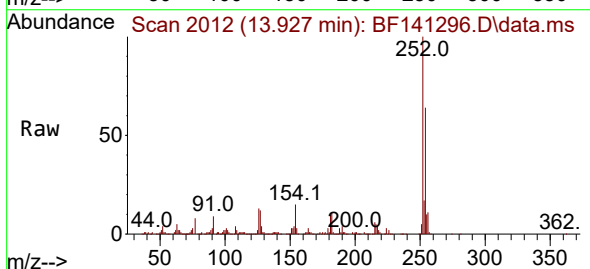
Tgt Ion:252 Resp: 315503

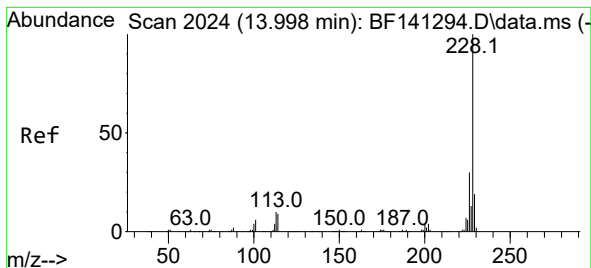
Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

126 12.6 10.0 15.0





#83

Chrysene

Concen: 58.950 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

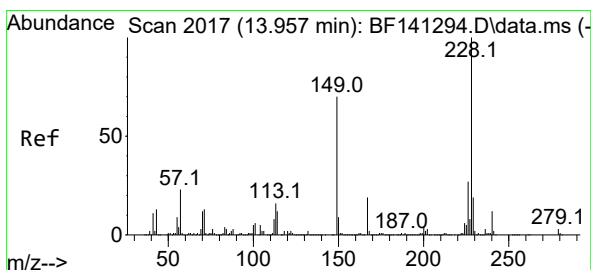
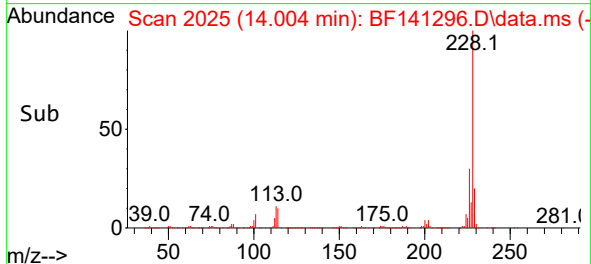
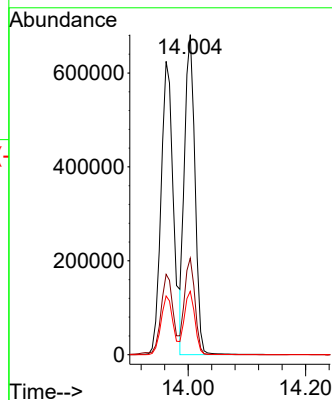
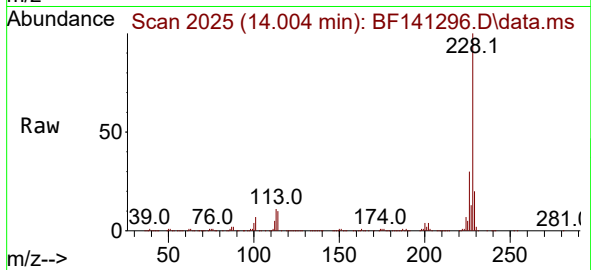
Tgt Ion:228 Resp: 841120

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.830 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

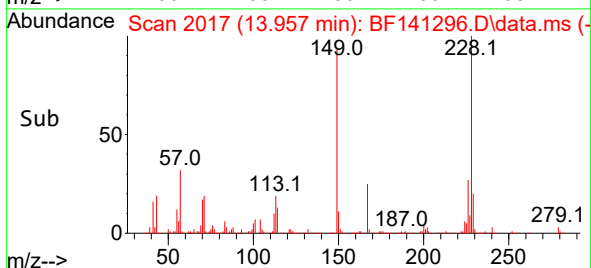
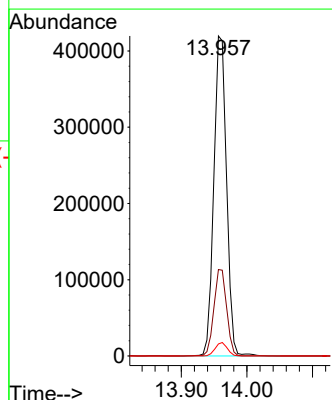
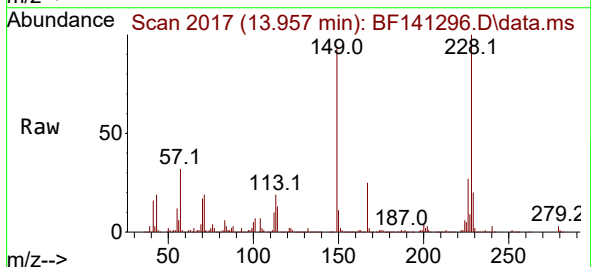
Tgt Ion:149 Resp: 564642

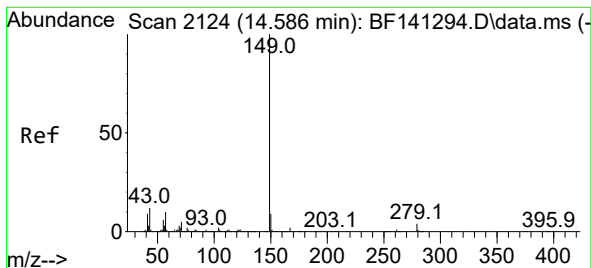
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 63.827 ng

RT: 14.598 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

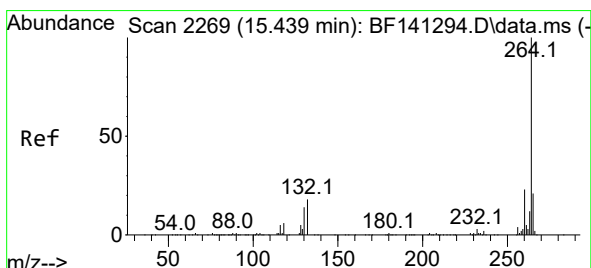
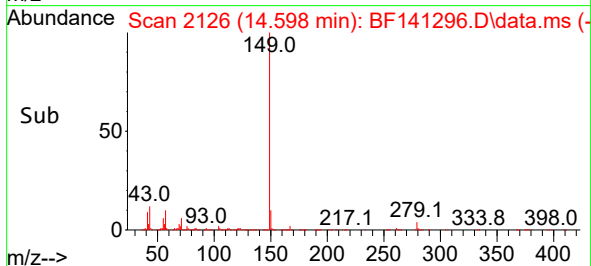
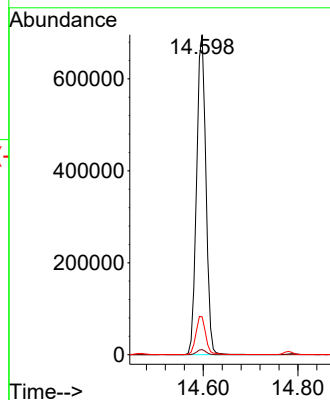
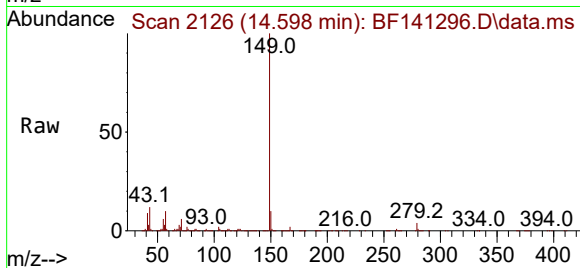
Tgt Ion:149 Resp: 951473

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.6 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

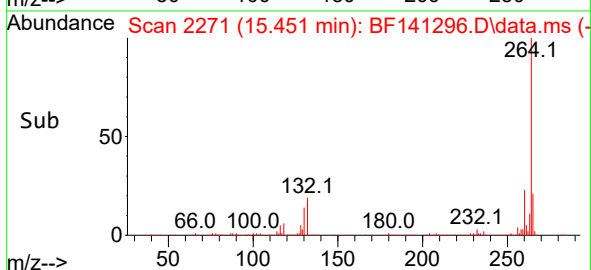
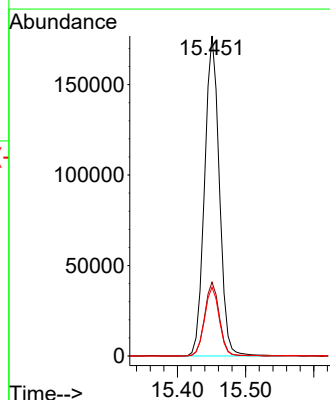
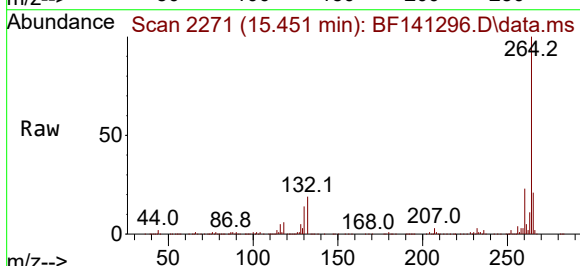
Tgt Ion:264 Resp: 265921

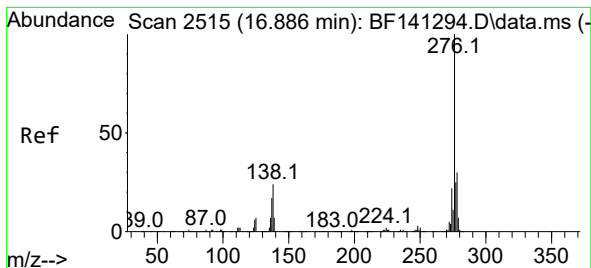
Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.5 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.468 ng

RT: 16.909 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

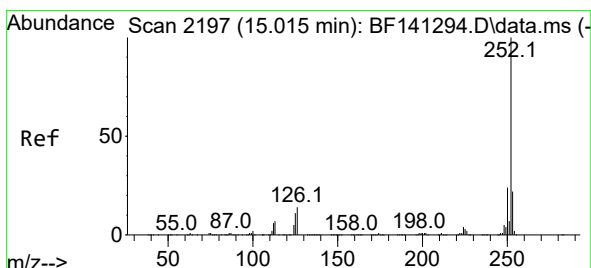
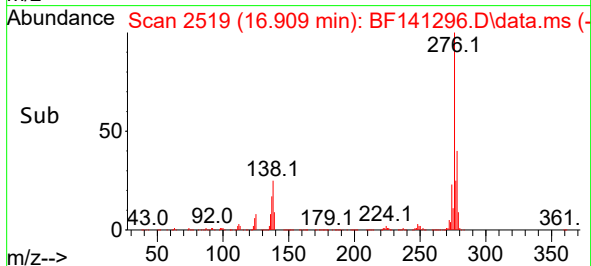
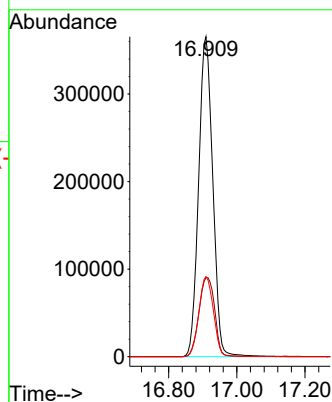
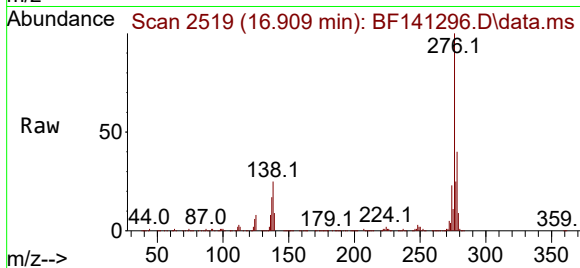
Tgt Ion:276 Resp: 1054987

Ion Ratio Lower Upper

276 100

138 27.6 21.7 32.5

277 25.8 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 58.075 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

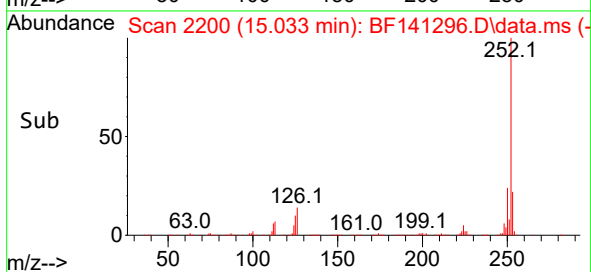
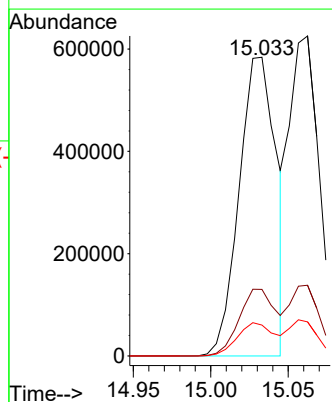
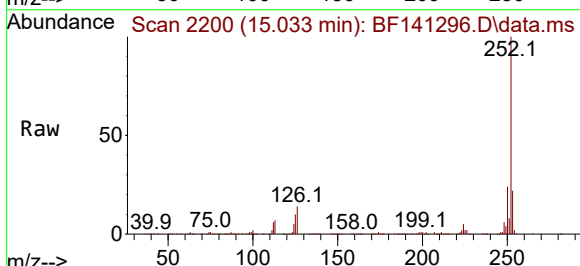
Tgt Ion:252 Resp: 971433

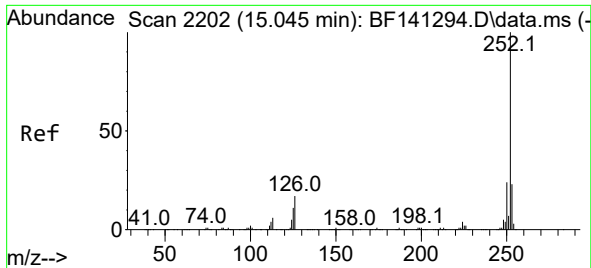
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 10.3 8.6 12.8

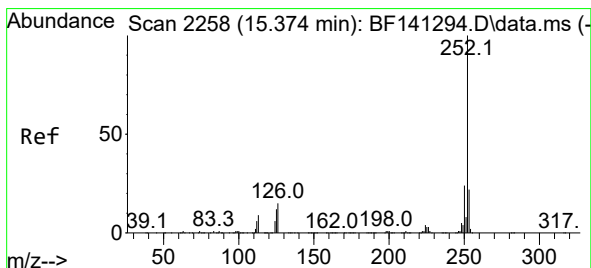
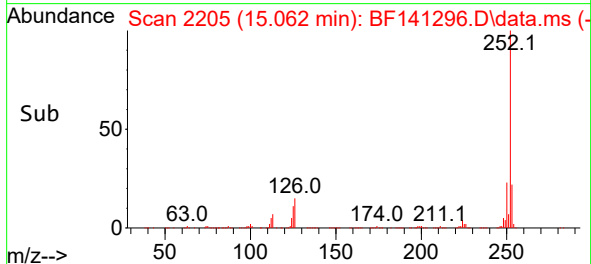
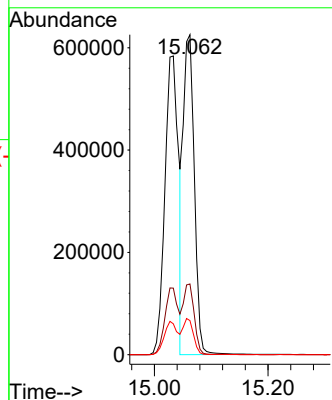
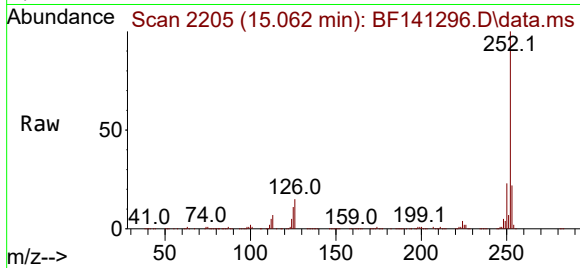




#89
Benzo(k)fluoranthene
Concen: 57.081 ng
RT: 15.062 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

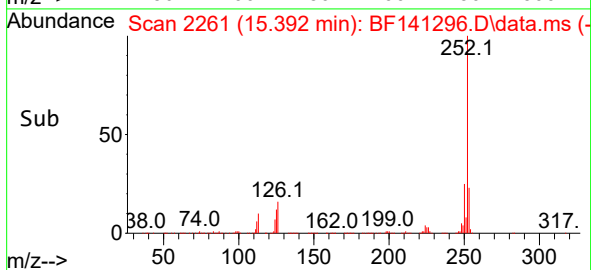
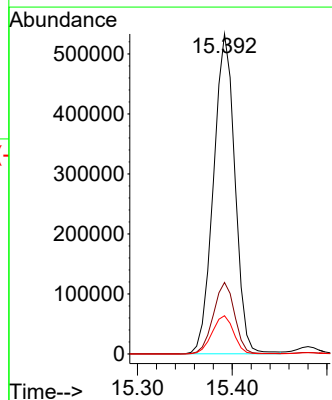
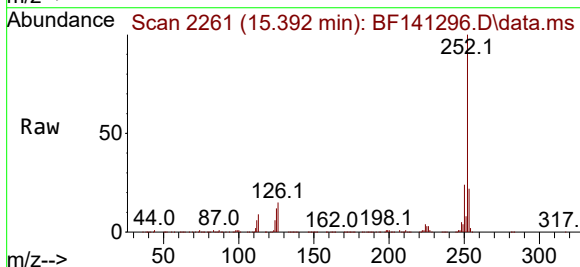
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

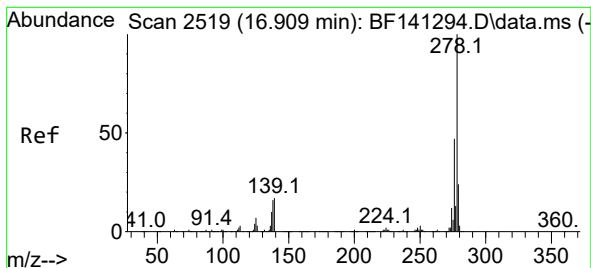
Tgt Ion:252 Resp: 845842
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 59.305 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:252 Resp: 838283
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.0 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 61.862 ng

RT: 16.927 min Scan# 2519

Delta R.T. 0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

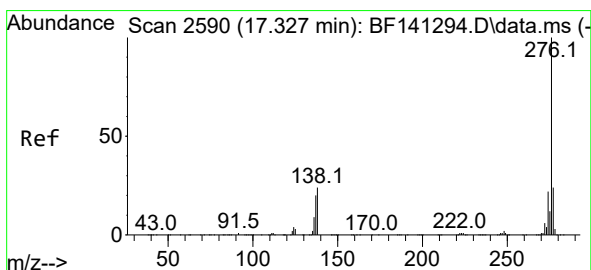
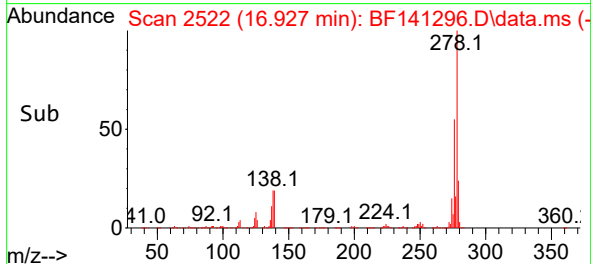
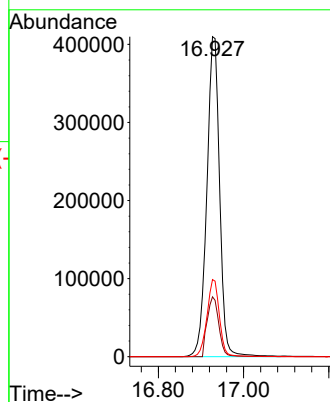
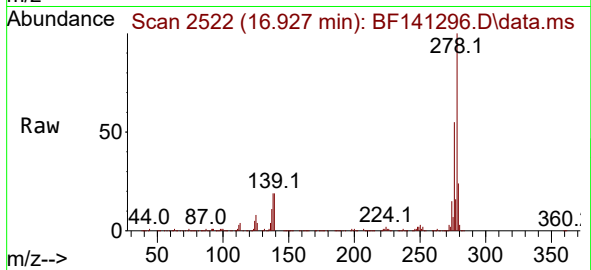
Tgt Ion:278 Resp: 854214

Ion Ratio Lower Upper

278 100

139 18.7 13.9 20.9

279 24.1 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 61.416 ng

RT: 17.351 min Scan# 2594

Delta R.T. 0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

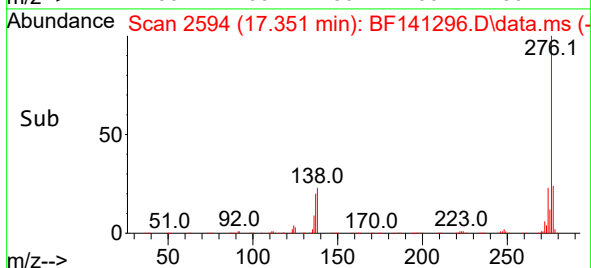
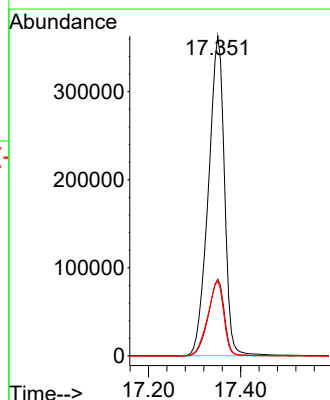
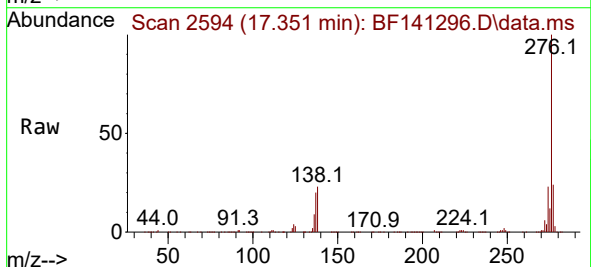
Tgt Ion:276 Resp: 881804

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 23.4 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141298.D
 Acq On : 29 Jan 2025 17:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012925

Quant Time: Jan 30 03:16:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	133318	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	525644	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	279764	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	450291	20.000	ng	0.00
76) Chrysene-d12	13.969	240	257177	20.000	ng	0.00
86) Perylene-d12	15.421	264	279455	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	650985	74.963	ng	0.00
7) Phenol-d6	6.428	99	824574	74.641	ng	-0.01
23) Nitrobenzene-d5	7.363	82	754118	75.630	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	192773	75.161	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1325725	72.938	ng	0.00
79) Terphenyl-d14	12.910	244	1208358	72.460	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	142440	37.296	ng	100
3) Pyridine	3.216	79	353478	38.413	ng	100
4) n-Nitrosodimethylamine	3.169	42	199637	37.977	ng	100
6) Aniline	6.463	93	368792	39.437	ng	99
8) 2-Chlorophenol	6.581	128	349085	37.505	ng	99
9) Benzaldehyde	6.346	77	236537	36.965	ng	100
10) Phenol	6.440	94	443695	37.888	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	335702	37.387	ng	100
12) 1,3-Dichlorobenzene	6.740	146	382682	37.288	ng	99
13) 1,4-Dichlorobenzene	6.816	146	390597	37.885	ng	99
14) 1,2-Dichlorobenzene	6.969	146	359529	37.241	ng	100
15) Benzyl Alcohol	6.940	79	286519	37.952	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	587637	37.636	ng	100
17) 2-Methylphenol	7.051	107	276450	36.544	ng	99
18) Hexachloroethane	7.310	117	144890	38.094	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	241878	36.848	ng	100
20) 3+4-Methylphenols	7.204	107	347046	37.364	ng	99
22) Acetophenone	7.210	105	458757	36.717	ng	100
24) Nitrobenzene	7.381	77	391907	37.927	ng	99
25) Isophorone	7.622	82	645309	37.439	ng	100
26) 2-Nitrophenol	7.698	139	186592	38.289	ng	99
27) 2,4-Dimethylphenol	7.734	122	222665	35.897	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	411851	37.460	ng	99
29) 2,4-Dichlorophenol	7.940	162	286090	37.675	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	316431	36.488	ng	100
31) Naphthalene	8.104	128	1030995	37.128	ng	100
32) Benzoic acid	7.845	122	236833	41.534	ng	99
33) 4-Chloroaniline	8.151	127	350423	37.214	ng	99
34) Hexachlorobutadiene	8.222	225	186523	36.676	ng	99
35) Caprolactam	8.522	113	93403	37.662	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	305288	37.480	ng	99
37) 2-Methylnaphthalene	8.792	142	651222	36.898	ng	99
38) 1-Methylnaphthalene	8.892	142	651341	37.570	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	296277	37.226	ng	99
41) Hexachlorocyclopentadiene	8.945	237	93930	39.961	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	201214	38.625	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141298.D
 Acq On : 29 Jan 2025 17:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

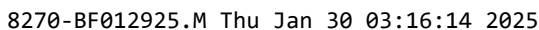
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012925

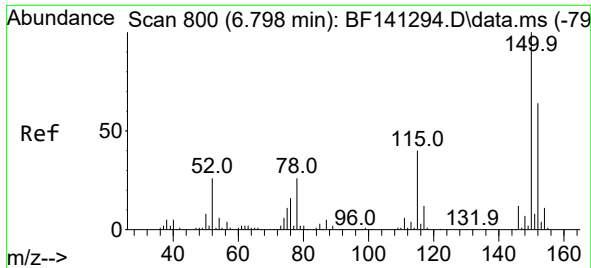
Quant Time: Jan 30 03:16:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	209611	36.969	ng	100
46) 1,1'-Biphenyl	9.257	154	809694	37.111	ng	100
47) 2-Chloronaphthalene	9.281	162	626457	36.837	ng	100
48) 2-Nitroaniline	9.381	65	203104	37.970	ng	98
49) Acenaphthylene	9.698	152	890709	37.416	ng	100
50) Dimethylphthalate	9.563	163	697300	36.904	ng	100
51) 2,6-Dinitrotoluene	9.622	165	164343	37.459	ng	99
52) Acenaphthene	9.869	154	632756	37.206	ng	99
53) 3-Nitroaniline	9.792	138	164042	38.150	ng	98
54) 2,4-Dinitrophenol	9.892	184	81034	39.734	ng	# 85
55) Dibenzofuran	10.045	168	842555	37.012	ng	100
56) 4-Nitrophenol	9.945	139	122925	39.089	ng	99
57) 2,4-Dinitrotoluene	10.022	165	217705	38.327	ng	99
58) Fluorene	10.386	166	643639	36.451	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	169067	37.902	ng	99
60) Diethylphthalate	10.263	149	683674	37.316	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	312065	36.180	ng	99
62) 4-Nitroaniline	10.404	138	159227	37.665	ng	99
63) Azobenzene	10.539	77	678905	37.020	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	111635	41.913	ng	99
66) n-Nitrosodiphenylamine	10.498	169	564452	38.757	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	199009	39.477	ng	98
68) Hexachlorobenzene	10.933	284	208171	38.929	ng	99
69) Atrazine	11.028	200	190958	39.215	ng	99
70) Pentachlorophenol	11.128	266	128300	40.973	ng	99
71) Phenanthrene	11.351	178	922625	38.117	ng	100
72) Anthracene	11.398	178	912703	38.484	ng	100
73) Carbazole	11.557	167	813036	38.661	ng	100
74) Di-n-butylphthalate	11.892	149	984759	38.639	ng	100
75) Fluoranthene	12.539	202	902637	37.768	ng	100
77) Benzidine	12.663	184	405163	49.142	ng	99
78) Pyrene	12.769	202	894269	36.225	ng	99
80) Butylbenzylphthalate	13.392	149	324793	37.660	ng	99
81) Benzo(a)anthracene	13.957	228	631556	35.587	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	218850	38.774	ng	99
83) Chrysene	13.992	228	610038	37.508	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	400642	36.620	ng	100
85) Di-n-octyl phthalate	14.569	149	642439	37.807	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	678653	37.626	ng	99
88) Benzo(b)fluoranthene	14.998	252	683111	38.861	ng	100
89) Benzo(k)fluoranthene	15.027	252	556960	35.766	ng	99
90) Benzo(a)pyrene	15.363	252	567574	38.209	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	551534	38.007	ng	99
92) Benzo(g,h,i)perylene	17.304	276	559807	37.101	ng	99

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

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

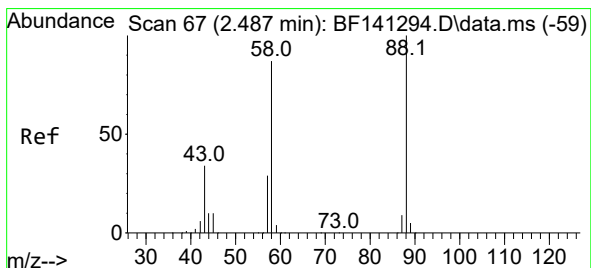
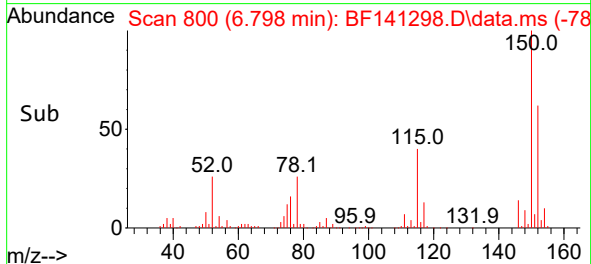
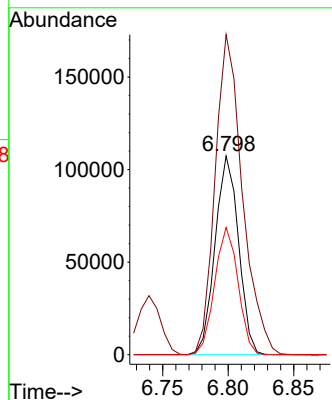
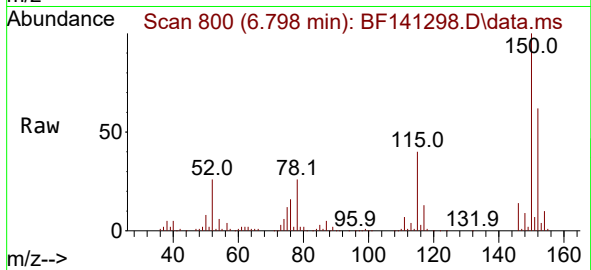




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141298.D
 Acq: 29 Jan 2025 17:31

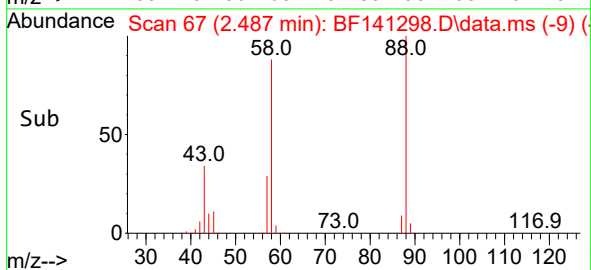
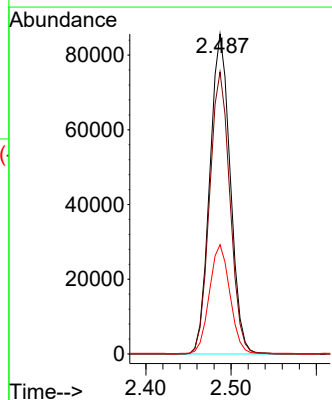
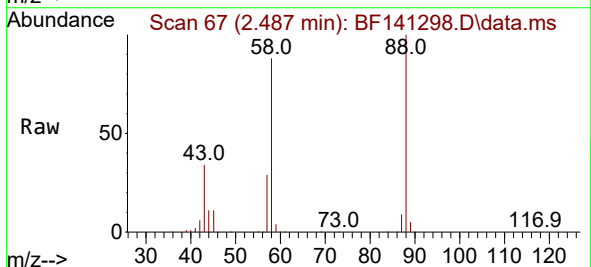
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012925

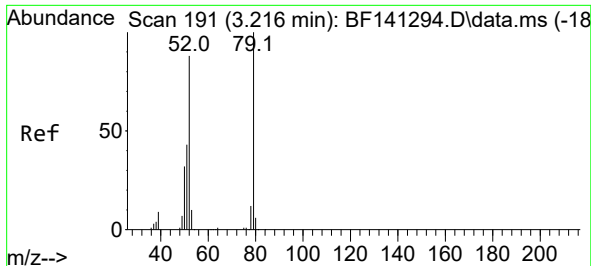
Tgt Ion:152 Resp: 133318
 Ion Ratio Lower Upper
 152 100
 150 161.0 125.9 188.9
 115 64.0 49.7 74.5



#2
 1,4-Dioxane
 Concen: 37.296 ng
 RT: 2.487 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BF141298.D
 Acq: 29 Jan 2025 17:31

Tgt Ion: 88 Resp: 142440
 Ion Ratio Lower Upper
 88 100
 58 87.8 70.2 105.4
 43 34.7 27.6 41.4



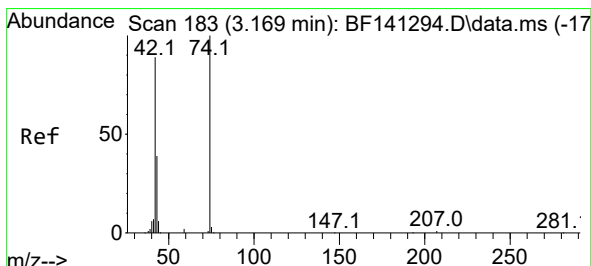
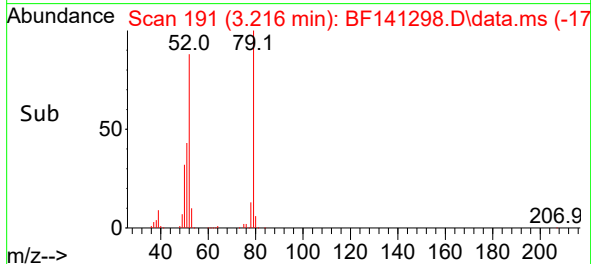
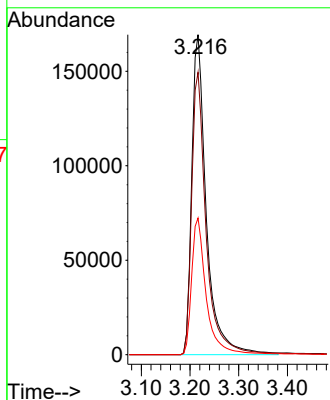
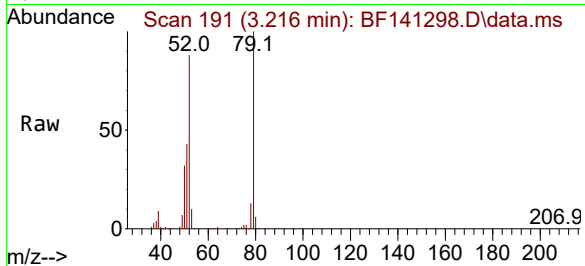


#3
 Pyridine
 Concen: 38.413 ng
 RT: 3.216 min Scan# 191
 Delta R.T. -0.012 min
 Lab File: BF141298.D
 Acq: 29 Jan 2025 17:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012925

Tgt Ion: 79 Resp: 353478

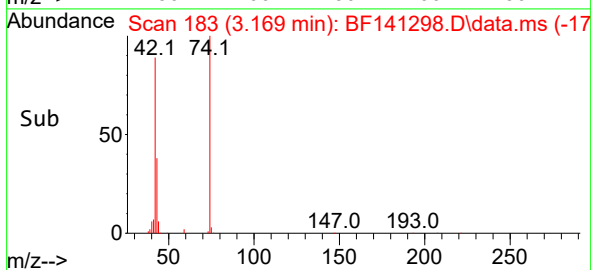
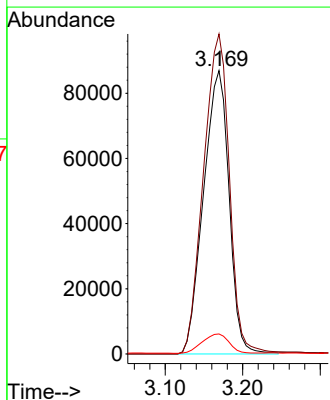
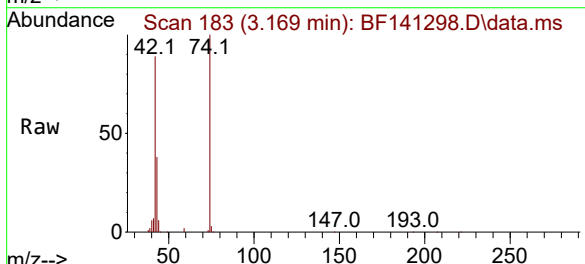
Ion	Ratio	Lower	Upper
79	100		
52	88.3	70.3	105.5
51	42.7	34.3	51.5

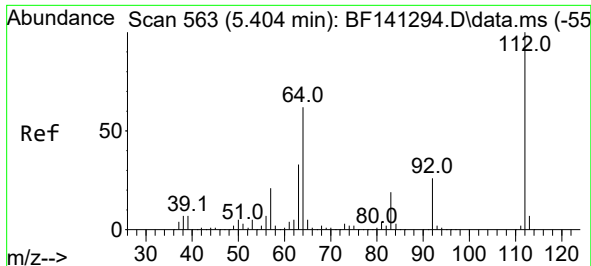


#4
 n-Nitrosodimethylamine
 Concen: 37.977 ng
 RT: 3.169 min Scan# 183
 Delta R.T. -0.029 min
 Lab File: BF141298.D
 Acq: 29 Jan 2025 17:31

Tgt Ion: 42 Resp: 199637

Ion	Ratio	Lower	Upper
42	100		
74	112.9	90.3	135.5
44	7.1	5.7	8.5

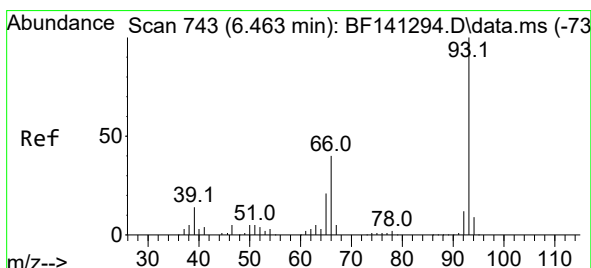
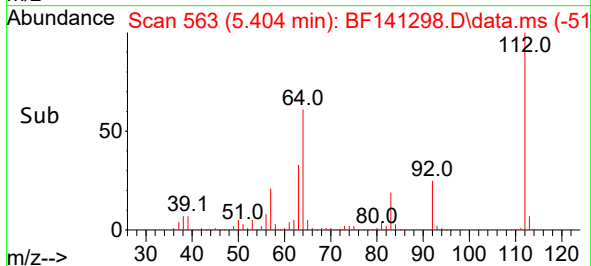
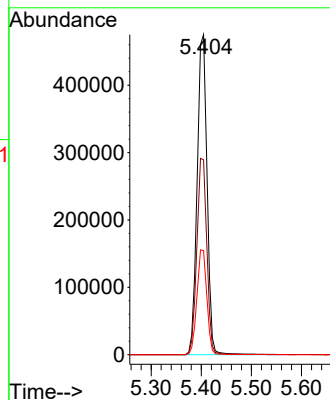
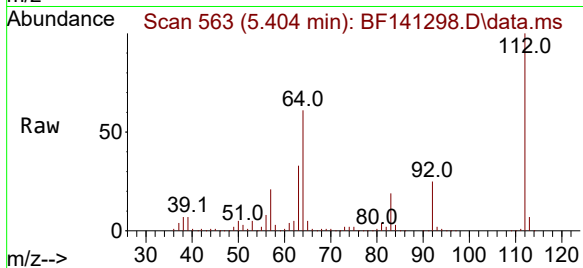




#5
2-Fluorophenol
Concen: 74.963 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

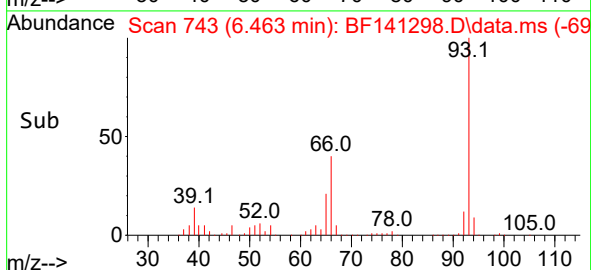
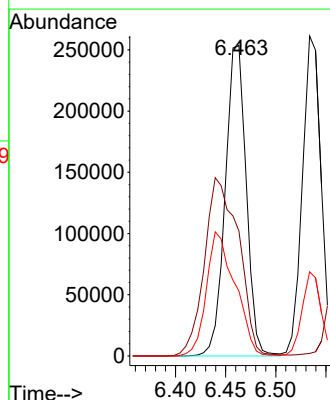
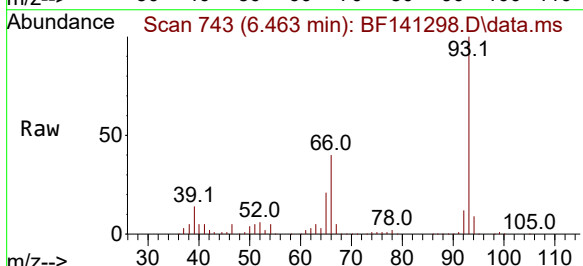
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

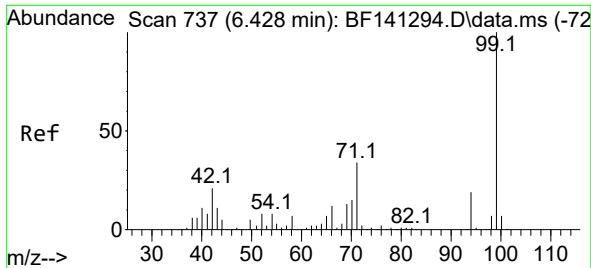
Tgt Ion:112 Resp: 650985
Ion Ratio Lower Upper
112 100
64 60.9 49.8 74.8
63 32.6 26.1 39.1



#6
Aniline
Concen: 39.437 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 93 Resp: 368792
Ion Ratio Lower Upper
93 100
66 40.3 32.5 48.7
65 20.9 17.0 25.6

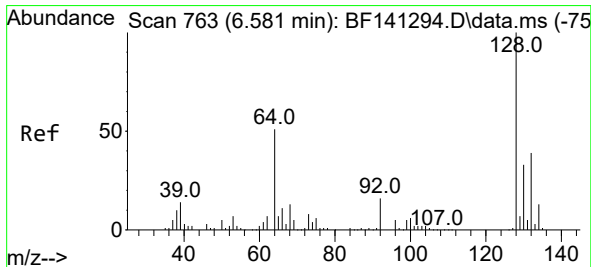
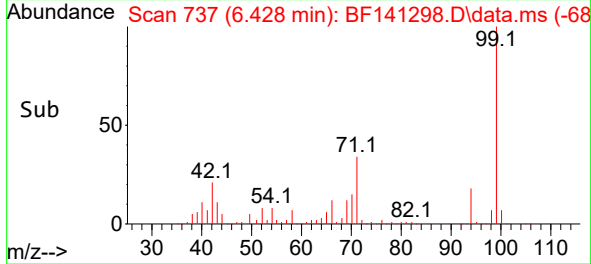
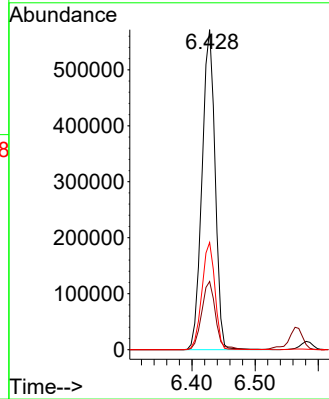
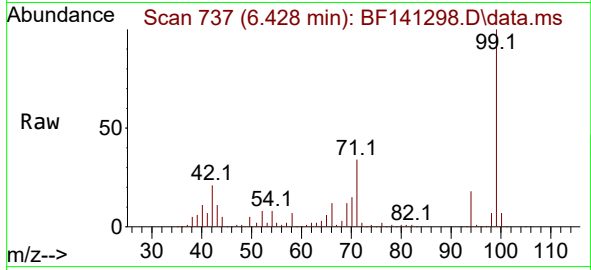




#7
Phenol-d6
Concen: 74.641 ng
RT: 6.428 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

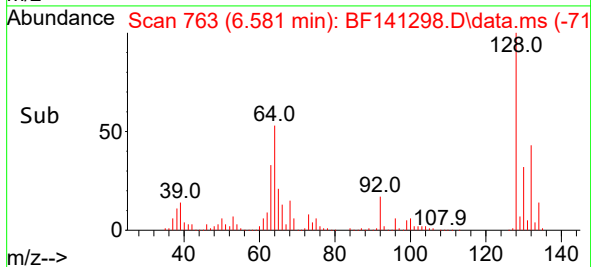
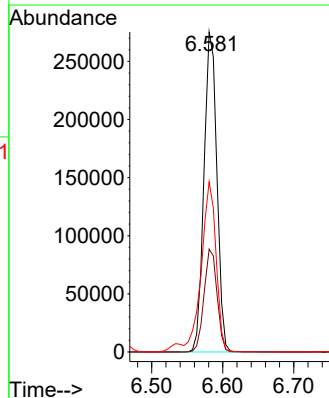
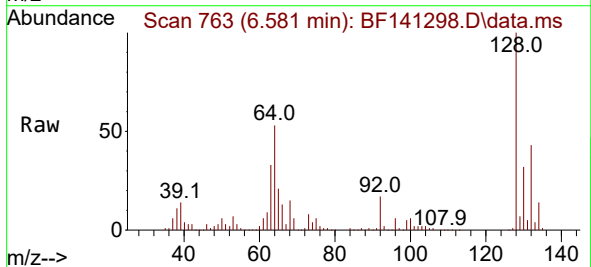
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

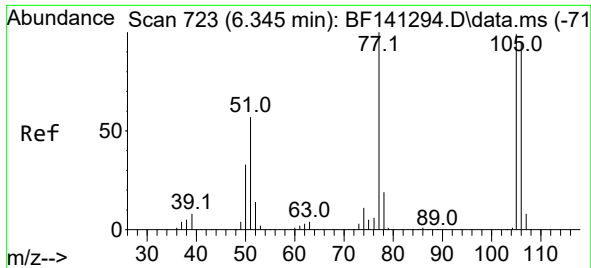
Tgt Ion: 99 Resp: 824574
Ion Ratio Lower Upper
99 100
42 21.3 17.1 25.7
71 33.5 26.9 40.3



#8
2-Chlorophenol
Concen: 37.505 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:128 Resp: 349085
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 53.2 32.9 72.9





#9

Benzaldehyde

Concen: 36.965 ng

RT: 6.346 min Scan# 723

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

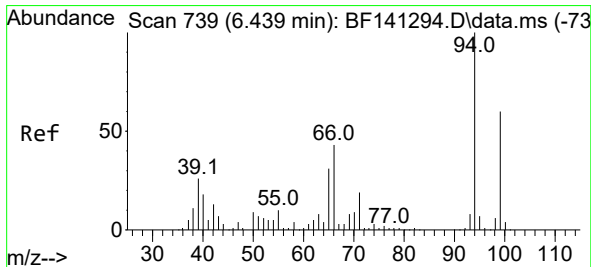
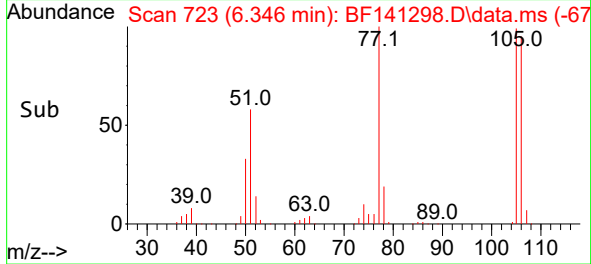
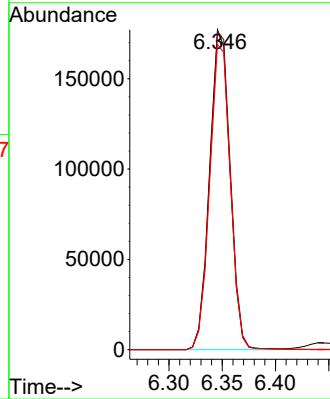
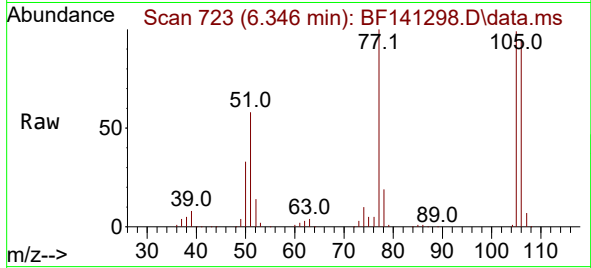
Tgt Ion: 77 Resp: 236537

Ion Ratio Lower Upper

77 100

105 99.5 79.4 119.4

106 95.3 74.6 114.6



#10

Phenol

Concen: 37.888 ng

RT: 6.440 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

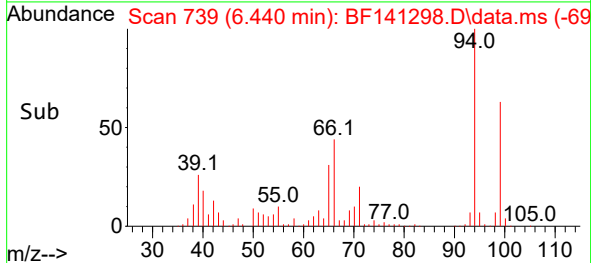
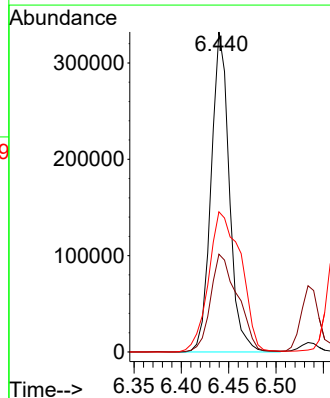
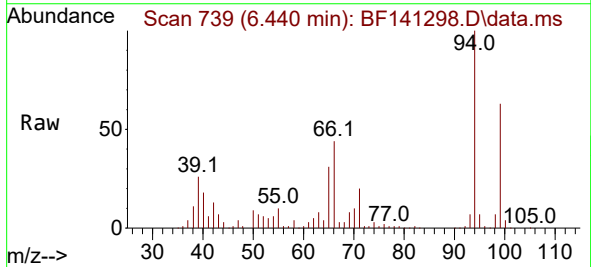
Tgt Ion: 94 Resp: 443695

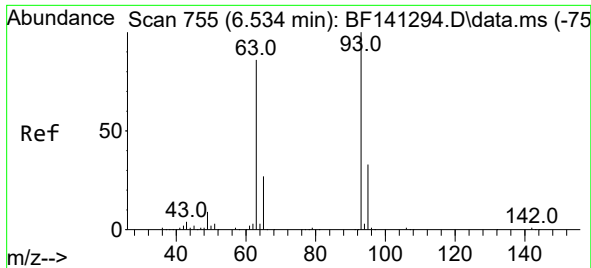
Ion Ratio Lower Upper

94 100

65 30.5 10.8 50.8

66 43.8 23.3 63.3

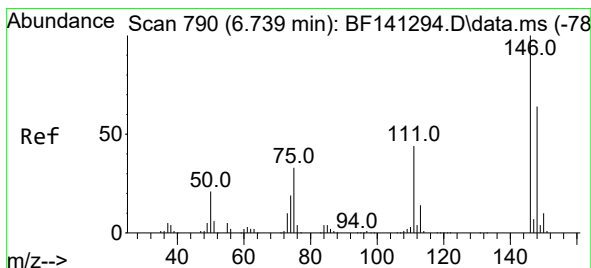
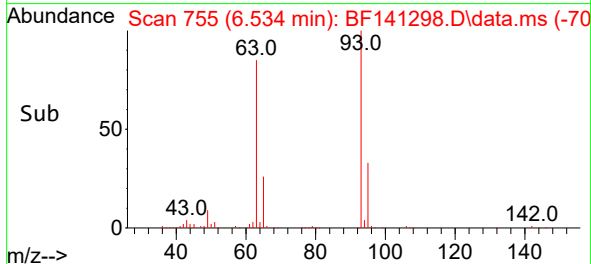
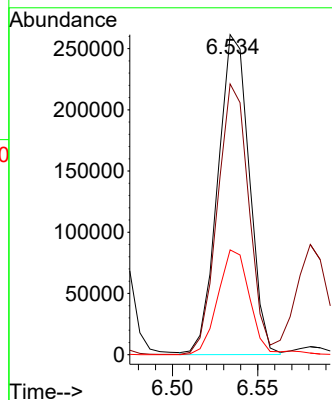
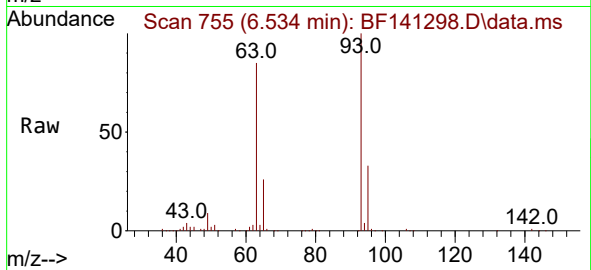




#11
bis(2-Chloroethyl)ether
Concen: 37.387 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

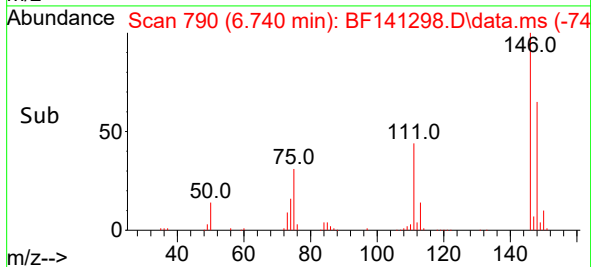
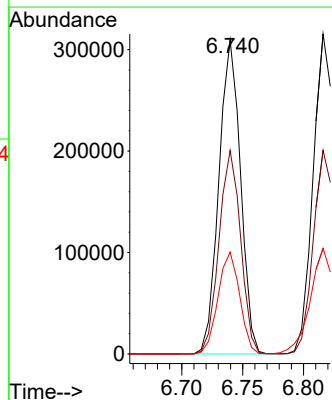
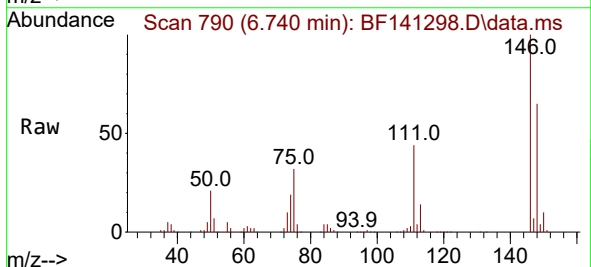
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

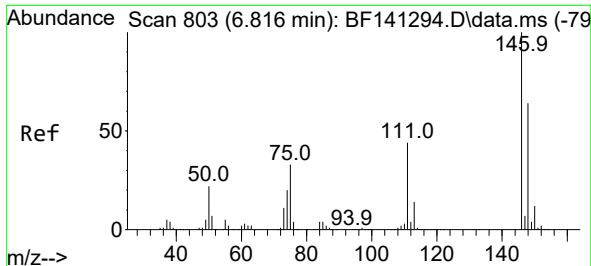
Tgt Ion: 93 Resp: 335702
Ion Ratio Lower Upper
93 100
63 84.6 65.0 105.0
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 37.288 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 146 Resp: 382682
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
75 32.4 26.2 39.4

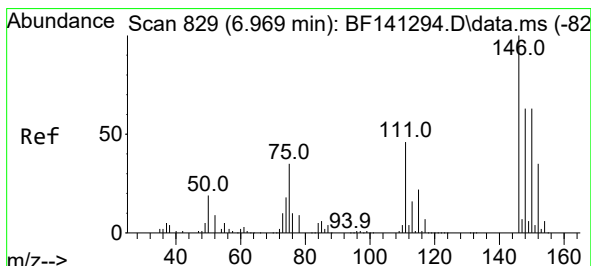
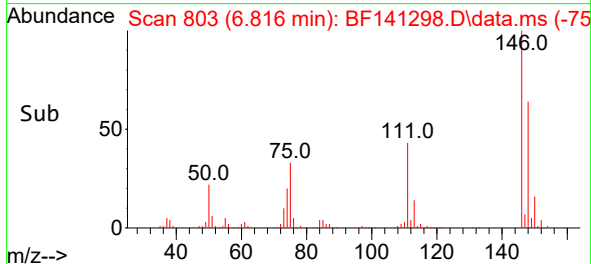
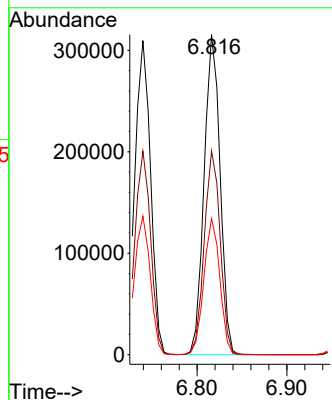
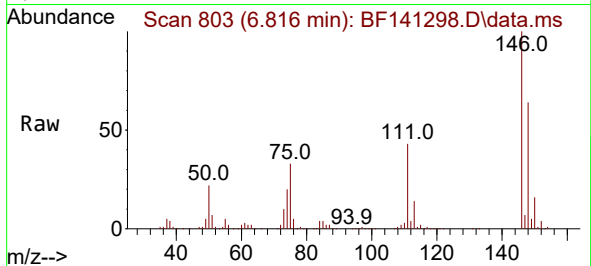




#13
1,4-Dichlorobenzene
Concen: 37.885 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

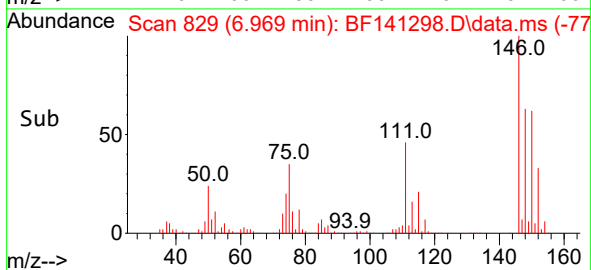
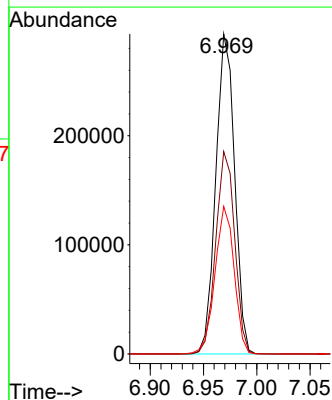
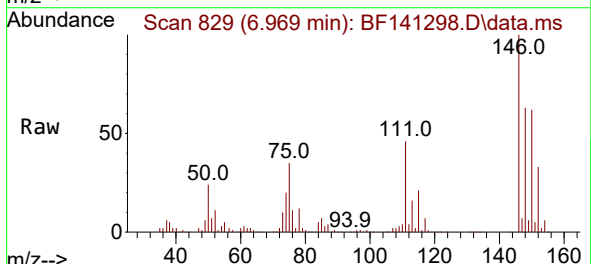
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

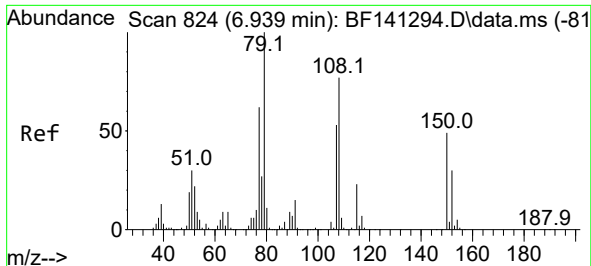
Tgt Ion:146 Resp: 390597
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
111 42.5 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 37.241 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:146 Resp: 359529
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 46.1 36.6 55.0

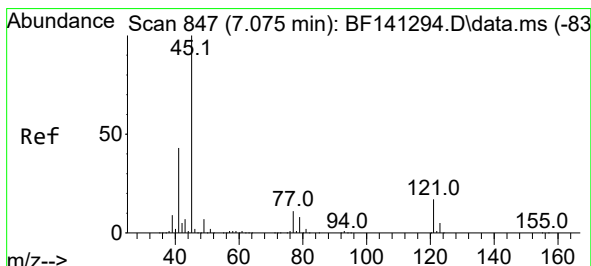
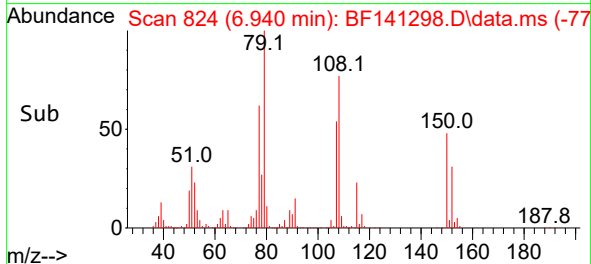
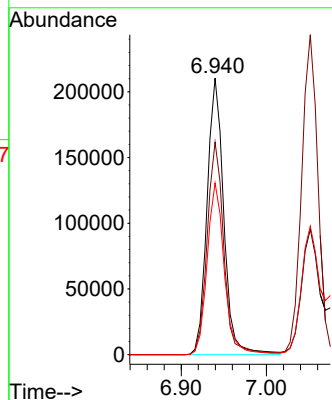
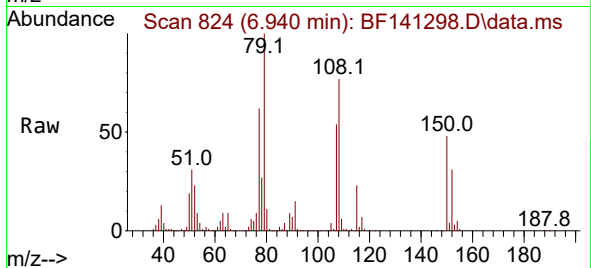




#15
Benzyl Alcohol
Concen: 37.952 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

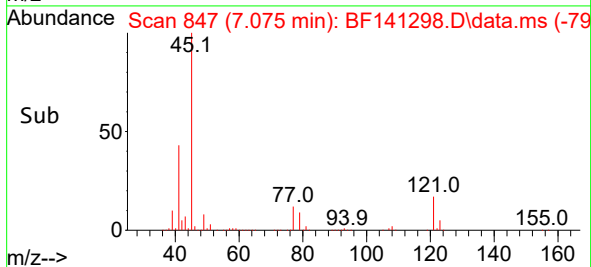
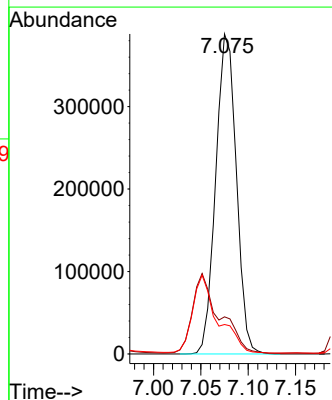
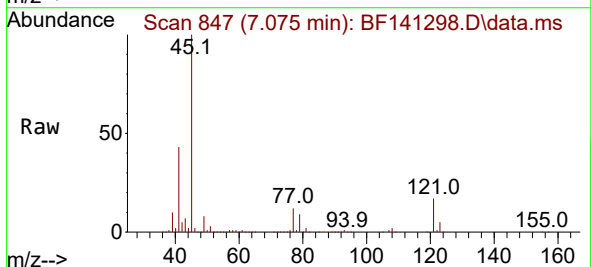
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

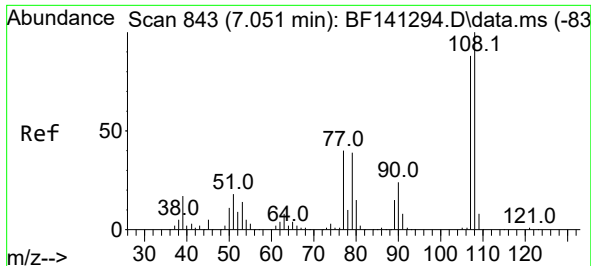
Tgt Ion: 79 Resp: 286519
Ion Ratio Lower Upper
79 100
108 76.8 61.4 92.0
77 62.0 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.636 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 45 Resp: 587637
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.8
79 9.2 0.0 29.1

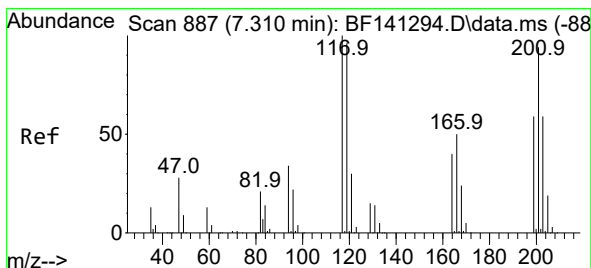
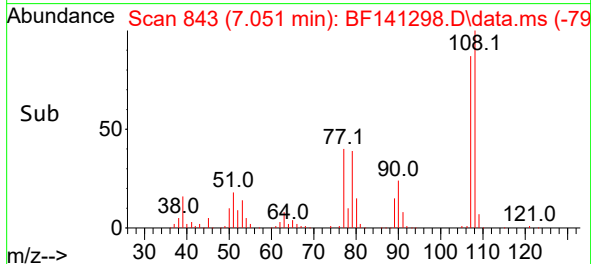
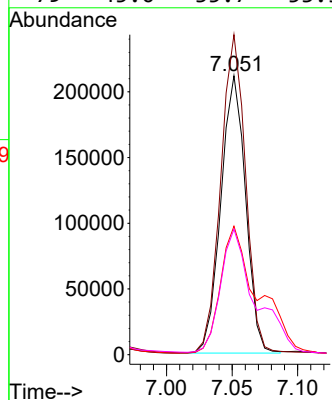
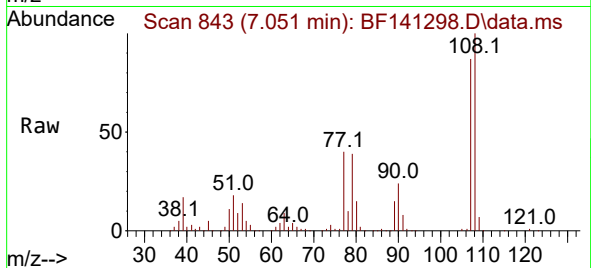




#17
2-Methylphenol
Concen: 36.544 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

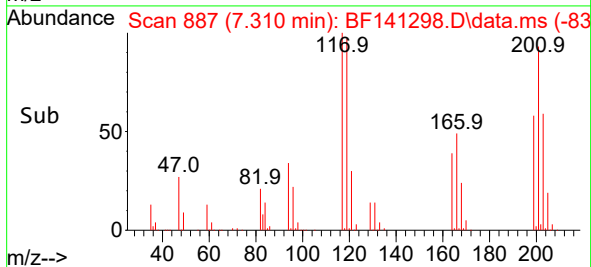
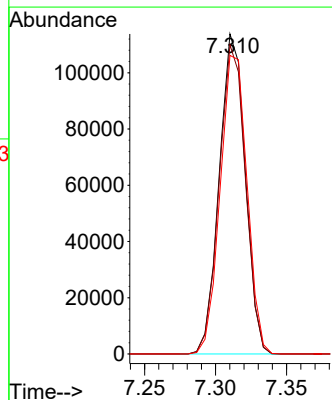
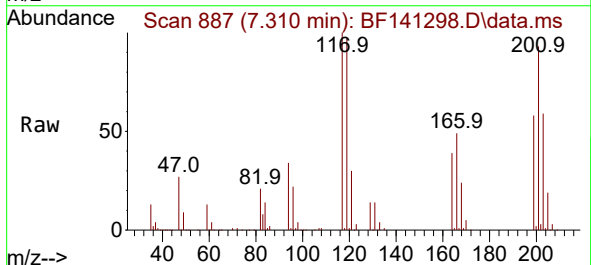
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

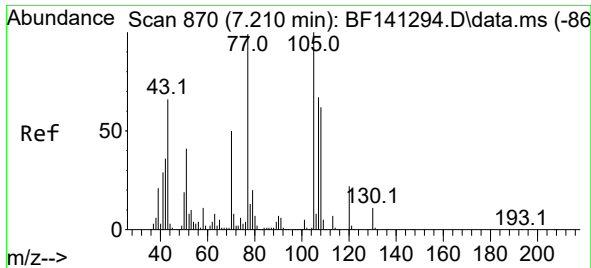
Tgt Ion:	107	Resp:	276450
Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.8	136.2
77	46.1	36.2	54.4
79	45.0	35.7	53.5



#18
Hexachloroethane
Concen: 38.094 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:	117	Resp:	144890
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.6	114.8
201	93.3	74.8	112.2

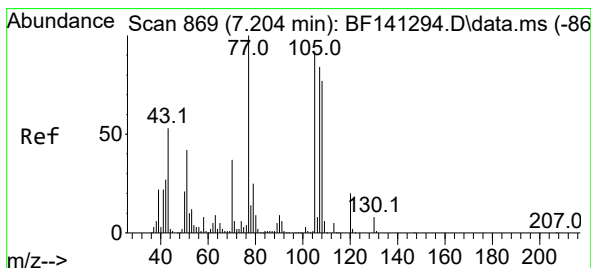
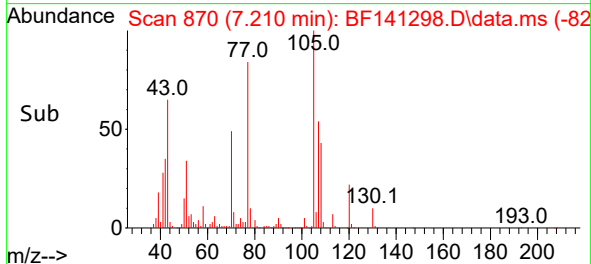
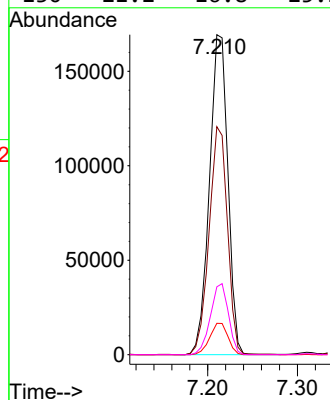
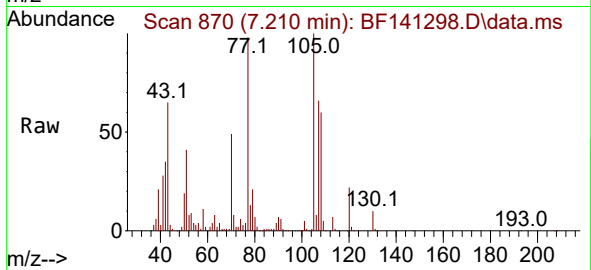




#19
n-Nitroso-di-n-propylamine
Concen: 36.848 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

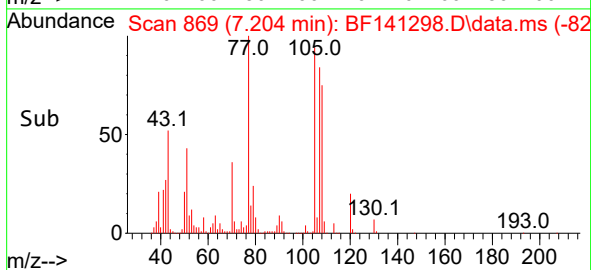
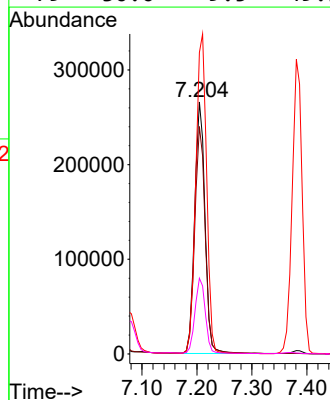
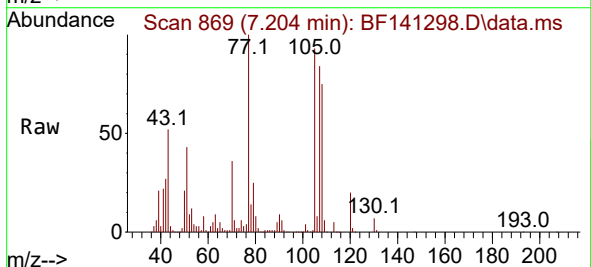
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

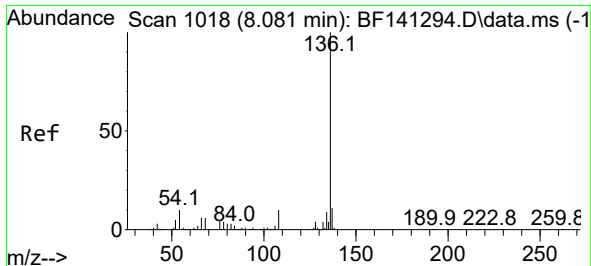
Tgt Ion: 70 Resp: 241878
Ion Ratio Lower Upper
70 100
42 71.3 56.8 85.2
101 9.8 7.7 11.5
130 21.2 16.8 25.2



#20
3+4-Methylphenols
Concen: 37.364 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

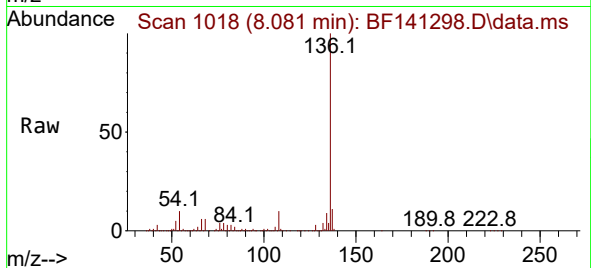
Tgt Ion: 107 Resp: 347046
Ion Ratio Lower Upper
107 100
108 90.2 70.9 110.9
77 119.7 98.5 138.5
79 30.0 9.5 49.5



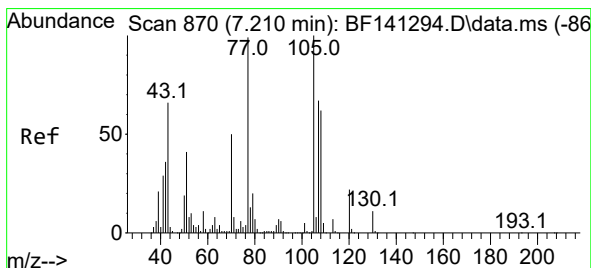
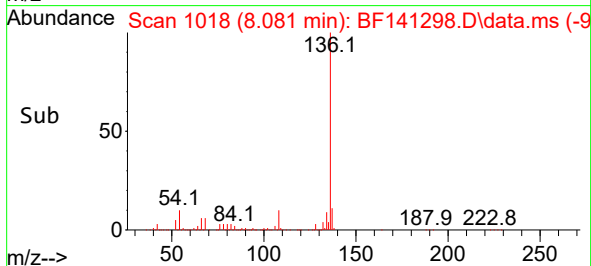
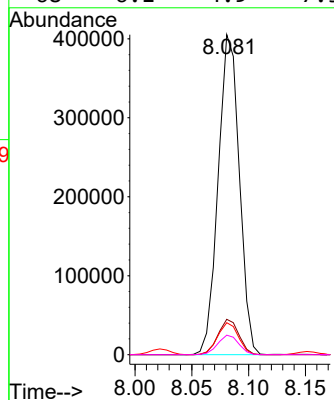


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

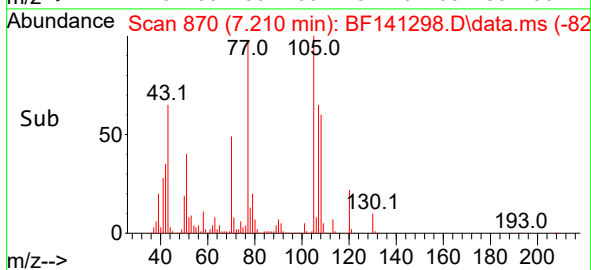
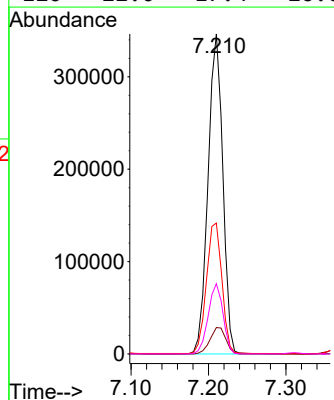
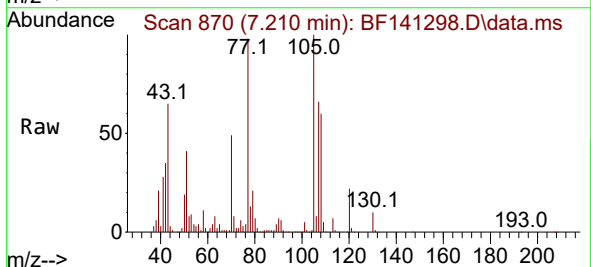


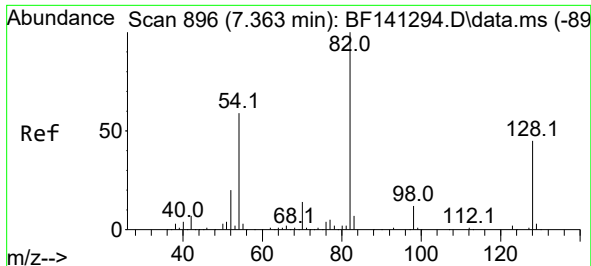
Tgt Ion:	136	Resp:	525644
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	10.0	7.8	11.8
68	6.1	4.9	7.3



#22
Acetophenone
Concen: 36.717 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:	105	Resp:	458757
Ion Ratio	Lower	Upper	
105	100		
71	8.3	6.8	10.2
51	40.9	32.6	49.0
120	22.0	17.4	26.0





#23

Nitrobenzene-d5

Concen: 75.630 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

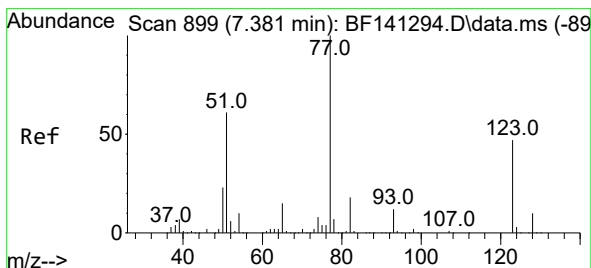
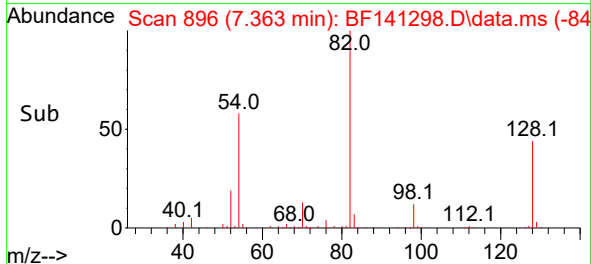
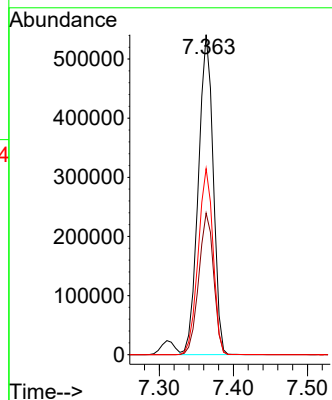
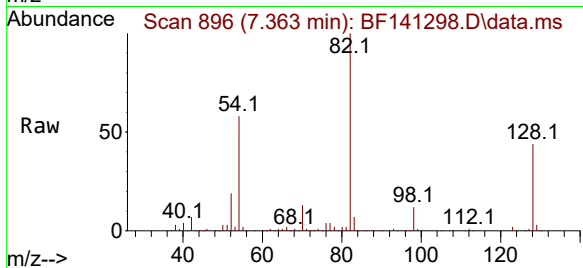
BNA_F

ClientSampleId :

ICVBF012925

Tgt Ion: 82 Resp: 754118

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	58.2	47.1	70.7



#24

Nitrobenzene

Concen: 37.927 ng

RT: 7.381 min Scan# 899

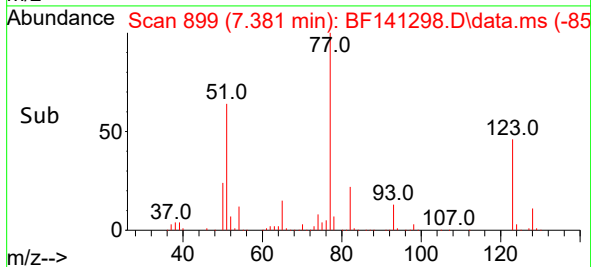
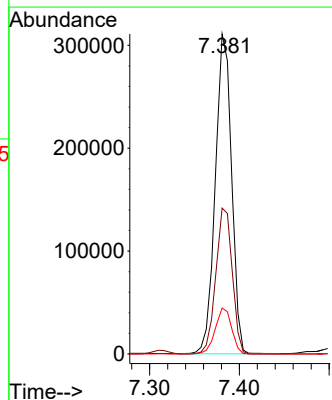
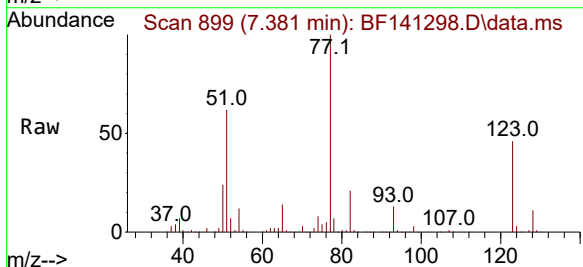
Delta R.T. -0.012 min

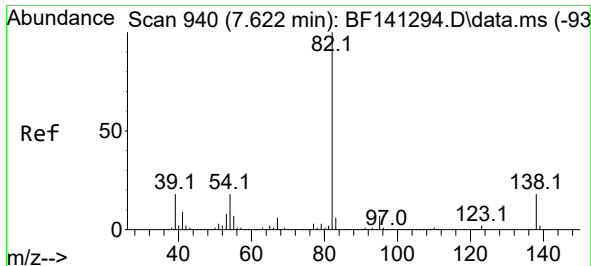
Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Tgt Ion: 77 Resp: 391907

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.3	55.9
65	14.4	11.8	17.6

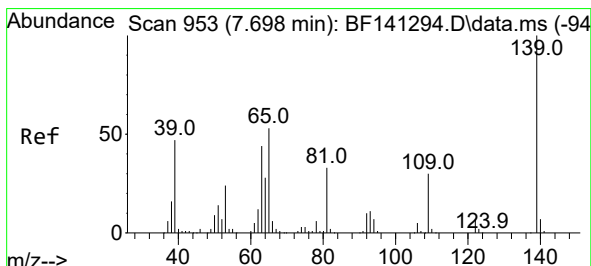
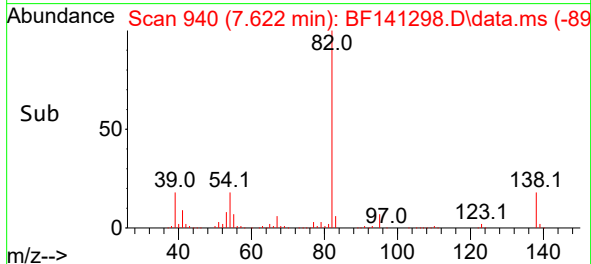
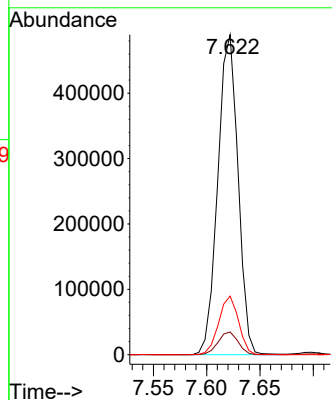
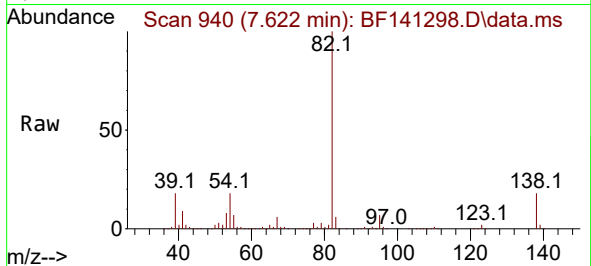




#25
Isophorone
Concen: 37.439 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

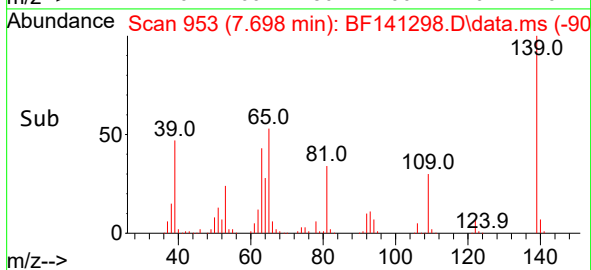
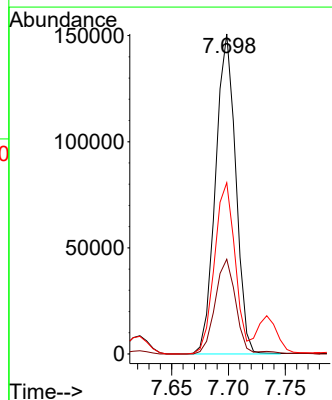
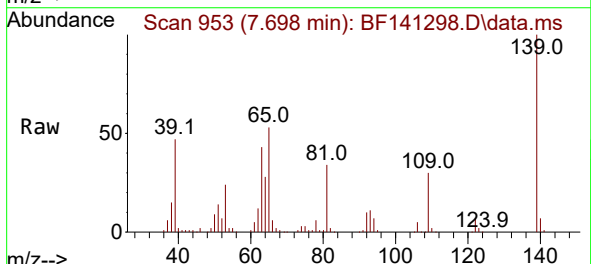
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

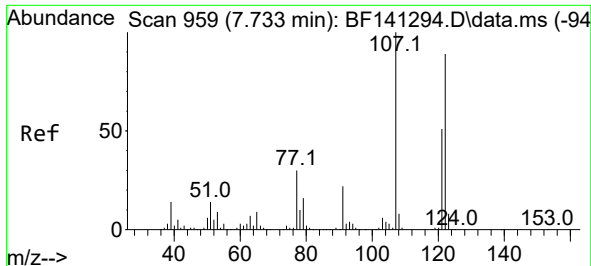
Tgt Ion: 82 Resp: 645309
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.3 14.7 22.1



#26
2-Nitrophenol
Concen: 38.289 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:139 Resp: 186592
Ion Ratio Lower Upper
139 100
109 29.6 23.8 35.6
65 53.5 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 35.897 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

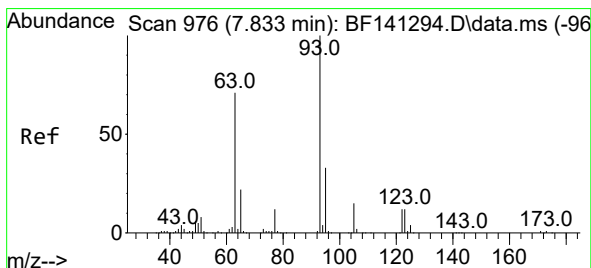
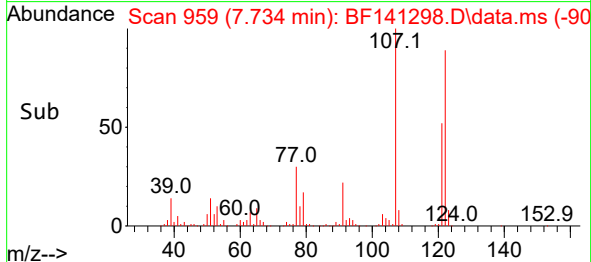
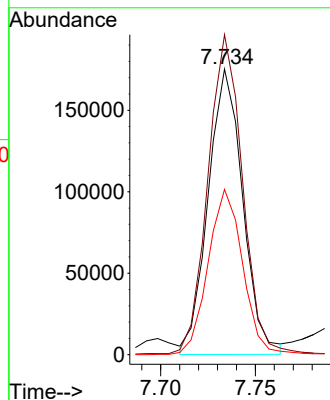
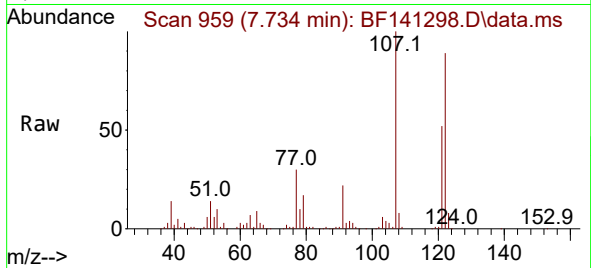
Tgt Ion:122 Resp: 222665

Ion Ratio Lower Upper

122 100

107 112.0 89.9 134.9

121 57.9 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.460 ng

RT: 7.834 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

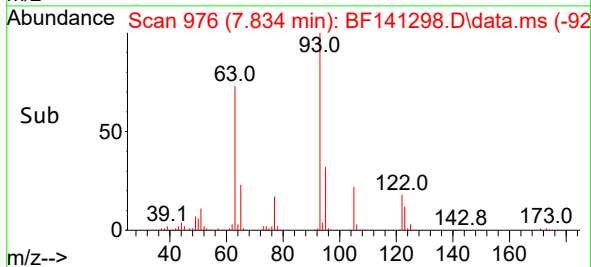
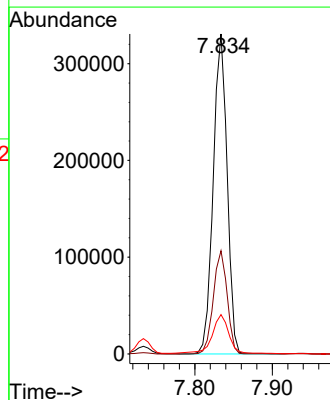
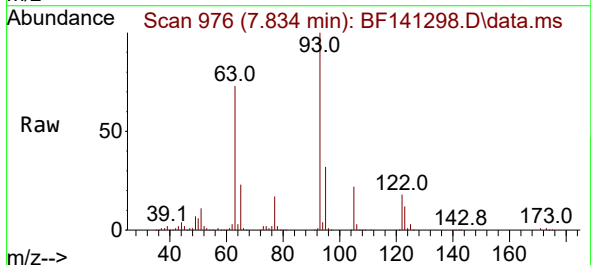
Tgt Ion: 93 Resp: 411851

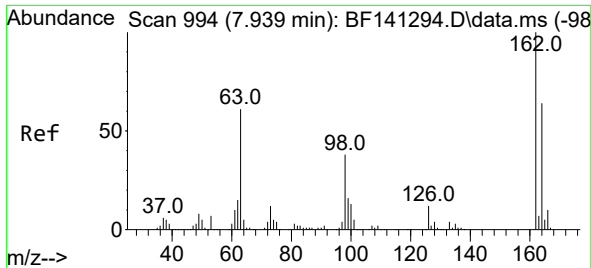
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 12.3 10.2 15.4

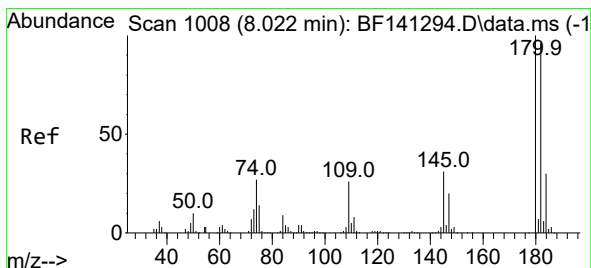
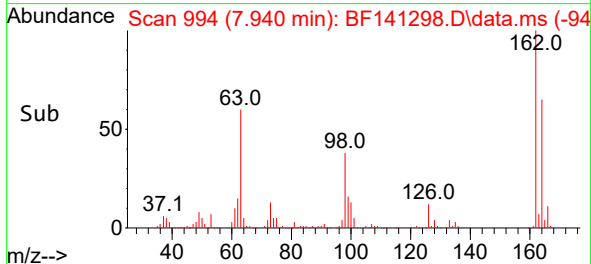
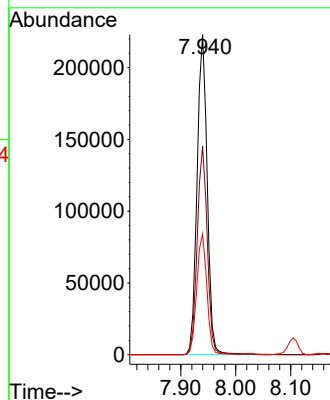
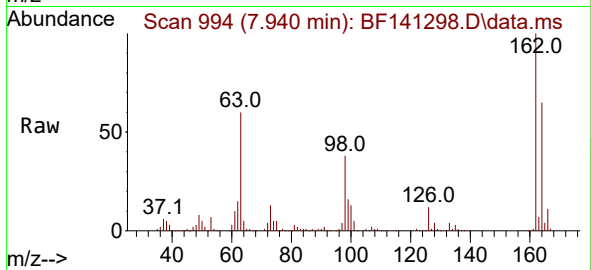




#29
2,4-Dichlorophenol
Concen: 37.675 ng
RT: 7.940 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

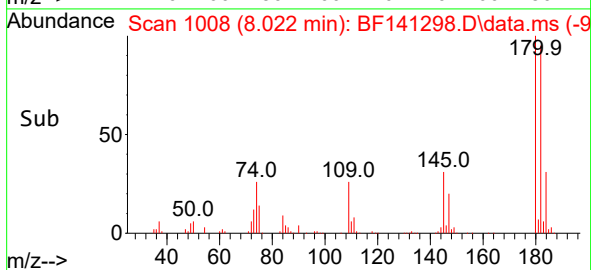
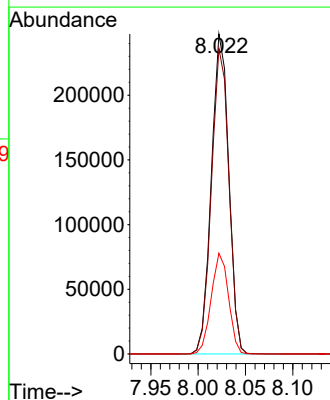
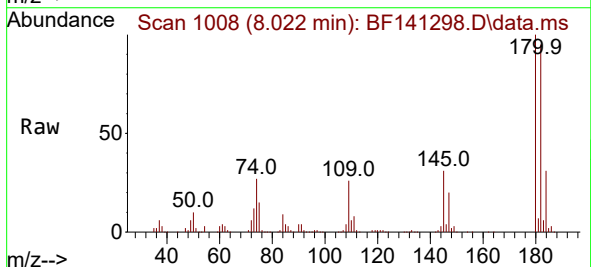
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

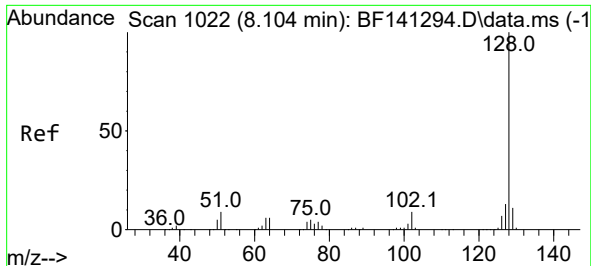
Tgt Ion:162 Resp: 286090
Ion Ratio Lower Upper
162 100
164 65.1 44.2 84.2
98 37.7 18.2 58.2



#30
1,2,4-Trichlorobenzene
Concen: 36.488 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

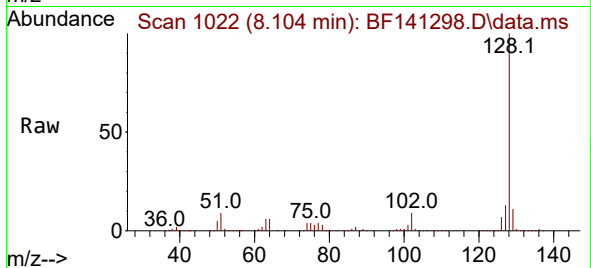
Tgt Ion:180 Resp: 316431
Ion Ratio Lower Upper
180 100
182 95.4 76.4 114.6
145 31.4 24.9 37.3



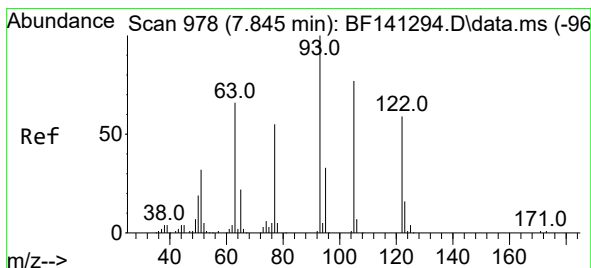
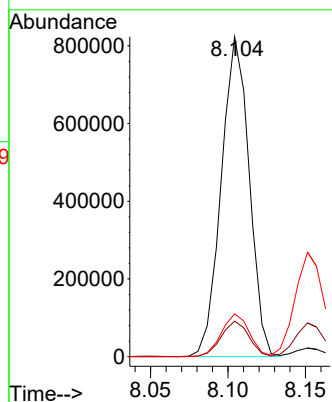
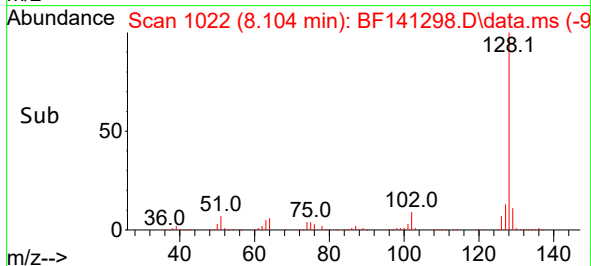


#31
Naphthalene
Concen: 37.128 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

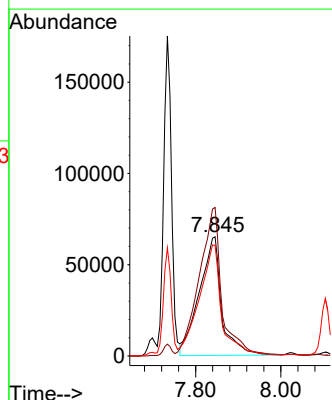
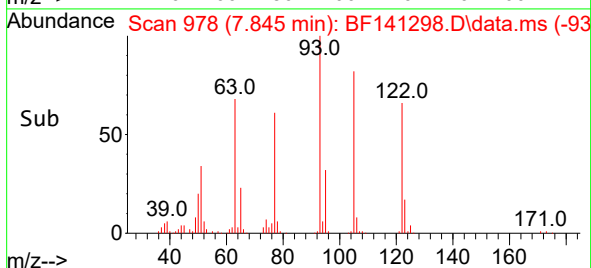
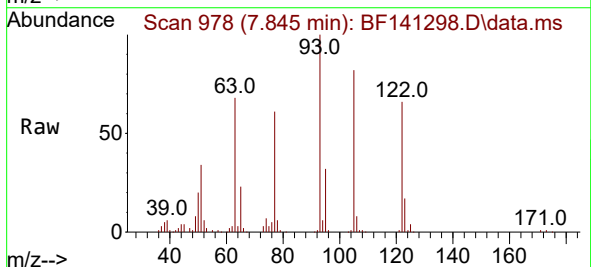


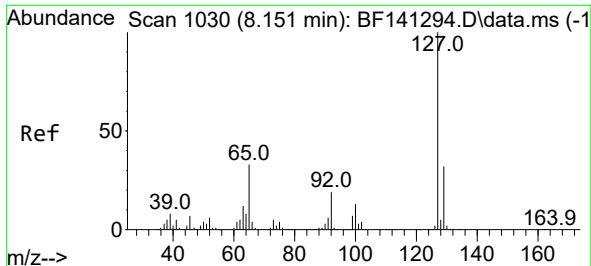
Tgt Ion:128 Resp: 1030995
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 41.534 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.035 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:122 Resp: 236833
Ion Ratio Lower Upper
122 100
105 124.7 103.4 143.4
77 92.8 70.9 110.9

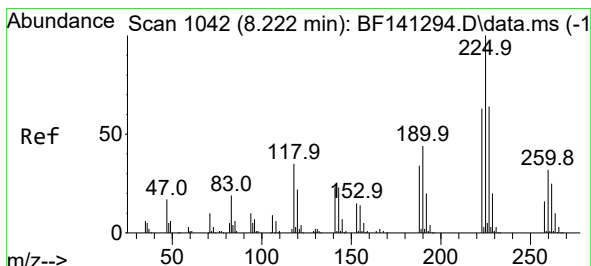
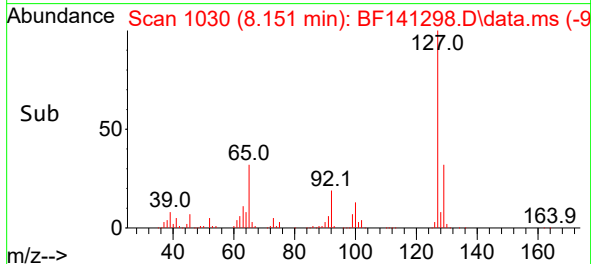
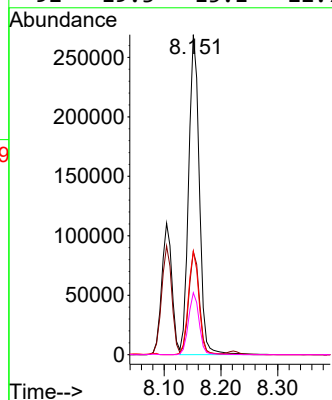
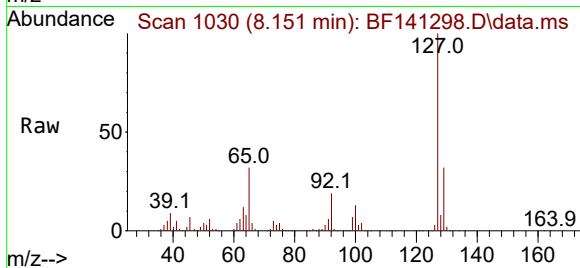




#33
4-Chloroaniline
Concen: 37.214 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

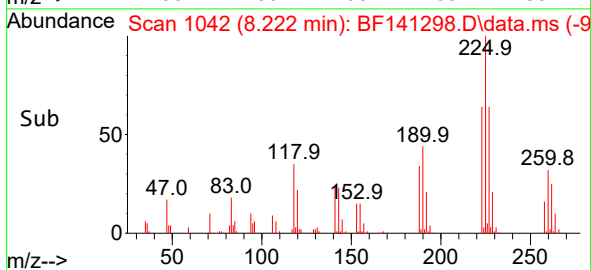
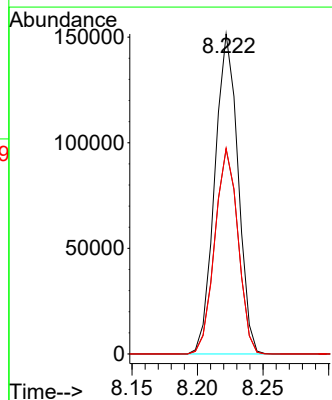
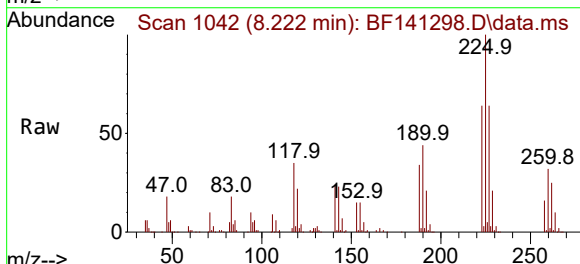
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

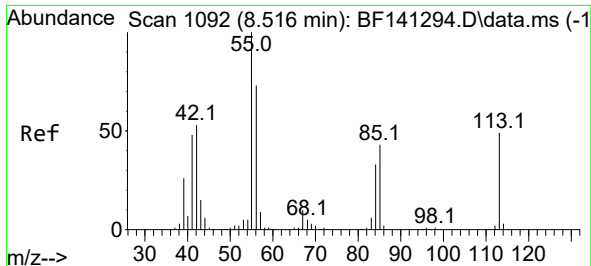
Tgt Ion:	127	Resp:	350423
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	32.3	26.4	39.6
92	19.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 36.676 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:	225	Resp:	186523
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.4	75.6
227	64.2	51.3	76.9

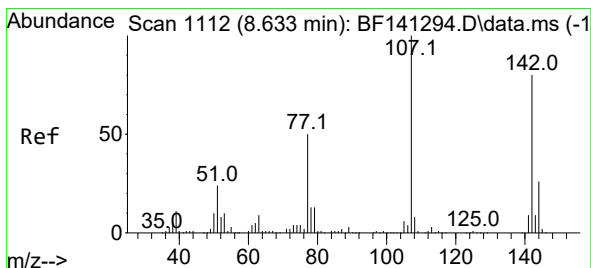
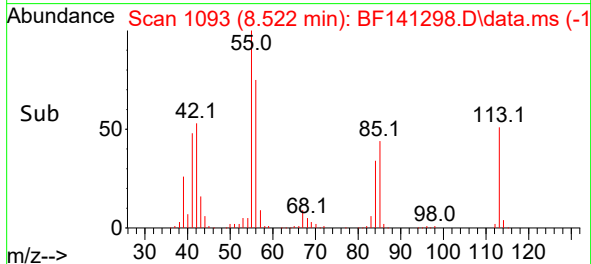
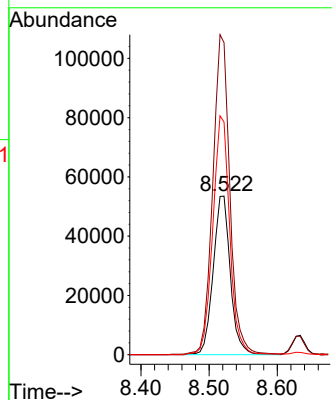
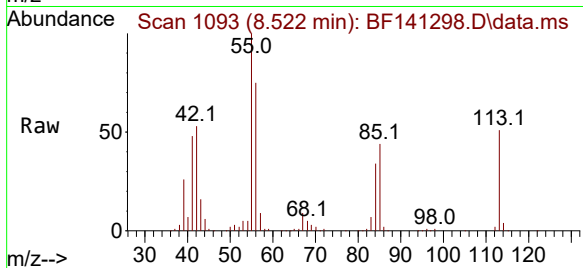




#35
 Caprolactam
 Concen: 37.662 ng
 RT: 8.522 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF141298.D
 Acq: 29 Jan 2025 17:31

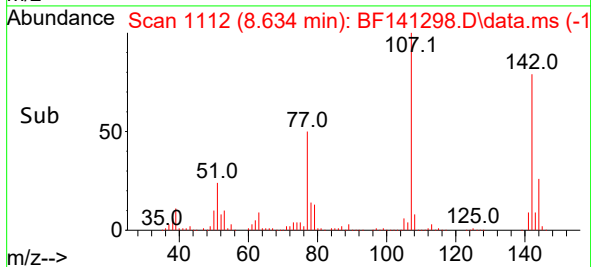
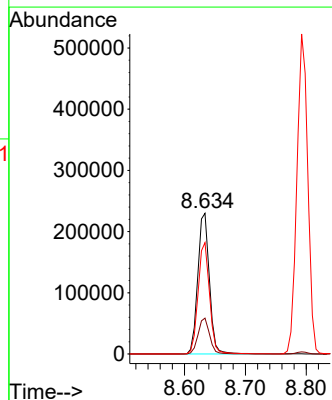
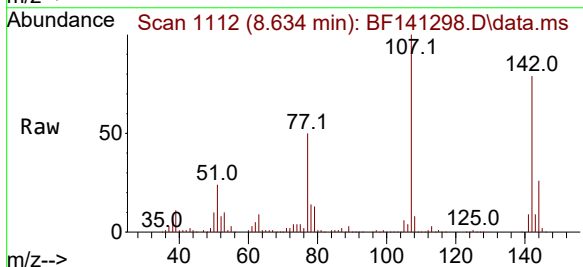
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012925

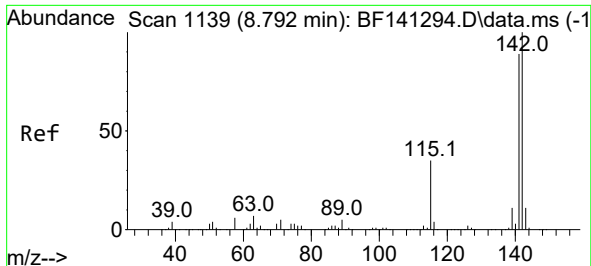
Tgt Ion:113 Resp: 93403
 Ion Ratio Lower Upper
 113 100
 55 196.8 182.9 222.9
 56 146.7 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 37.480 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141298.D
 Acq: 29 Jan 2025 17:31

Tgt Ion:107 Resp: 305288
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.7 31.1
 142 79.1 63.8 95.8

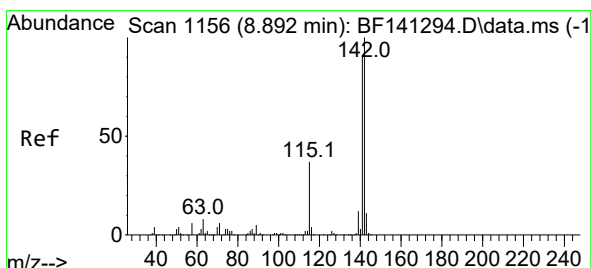
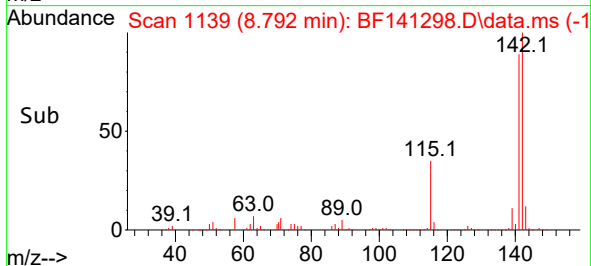
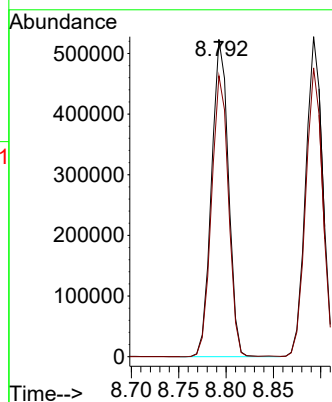
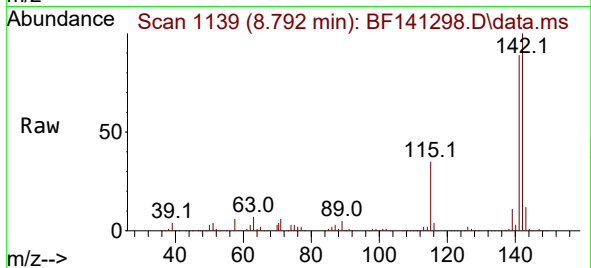




#37
2-Methylnaphthalene
Concen: 36.898 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

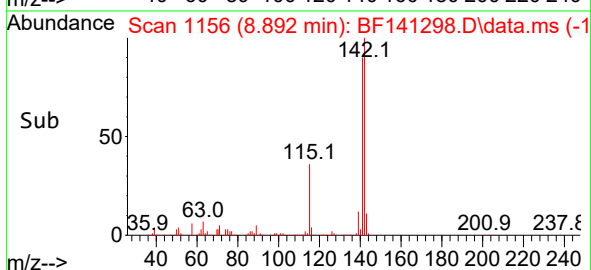
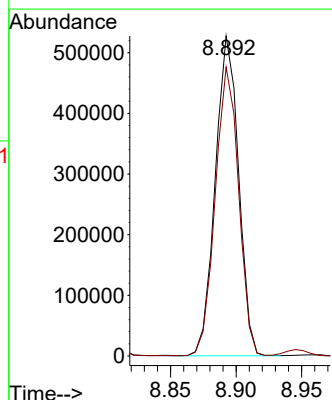
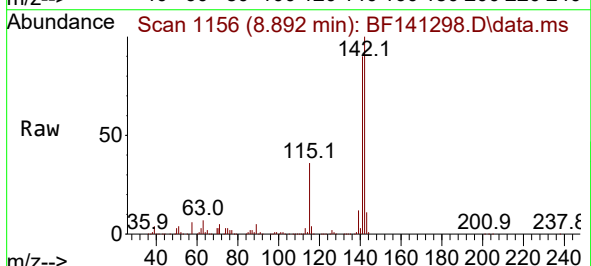
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

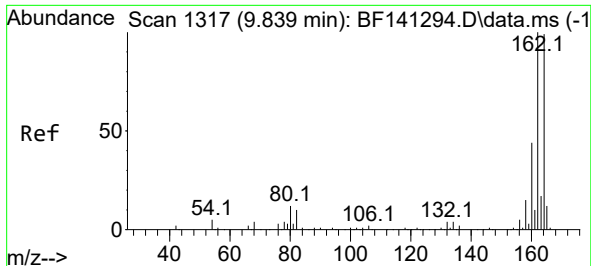
Tgt Ion:142 Resp: 651222
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9



#38
1-Methylnaphthalene
Concen: 37.570 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:142 Resp: 651341
Ion Ratio Lower Upper
142 100
141 90.3 73.2 109.8

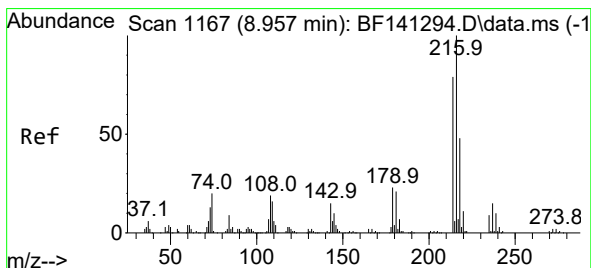
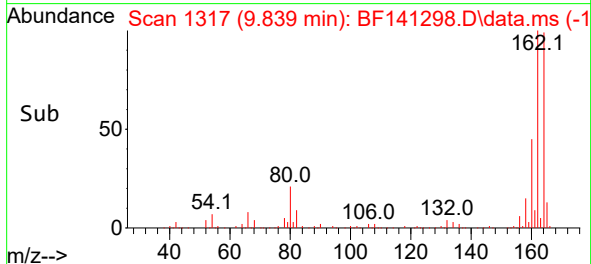
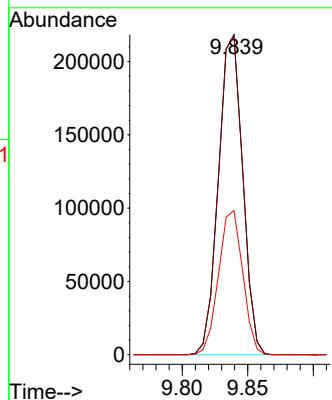
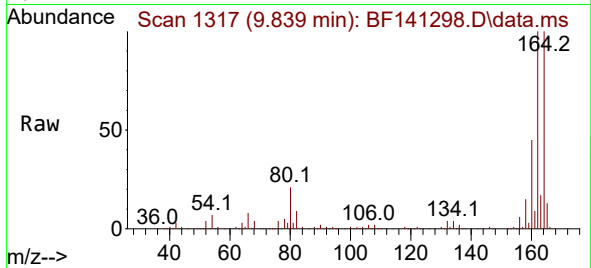




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

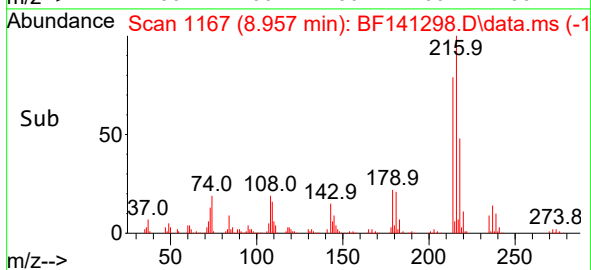
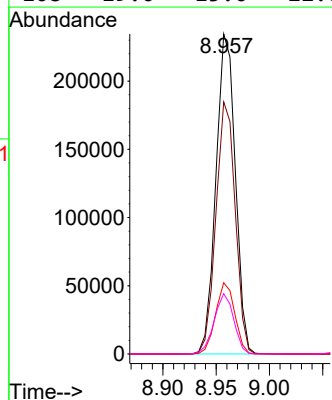
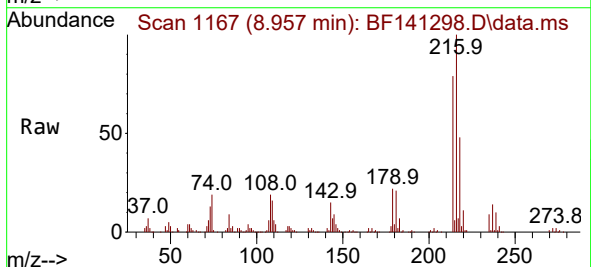
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

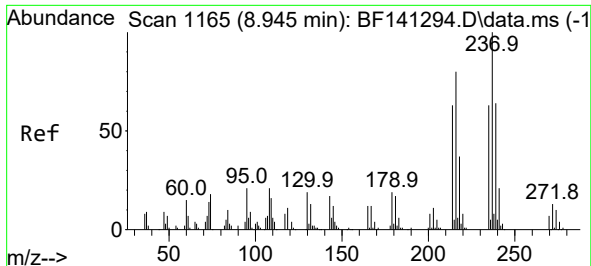
Tgt Ion:164 Resp: 279764
Ion Ratio Lower Upper
164 100
162 99.8 80.6 121.0
160 45.1 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.226 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:216 Resp: 296277
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 22.0 17.8 26.8
108 19.0 15.0 22.6

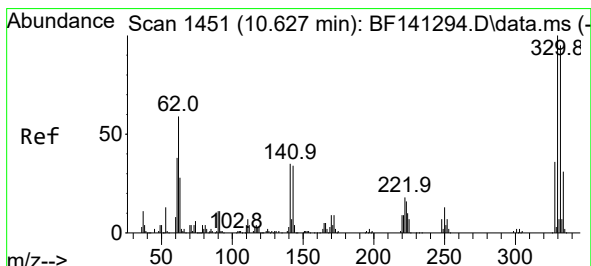
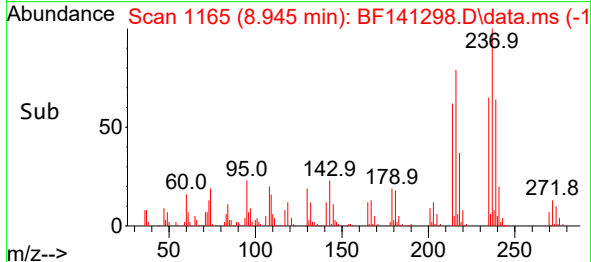
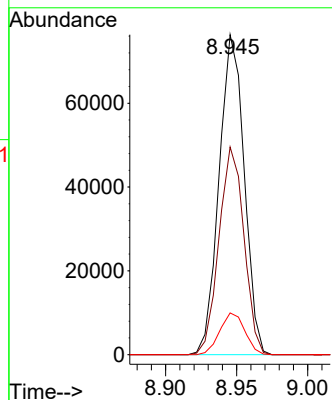
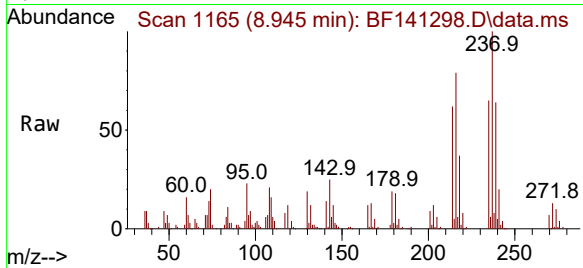




#41
Hexachlorocyclopentadiene
Concen: 39.961 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

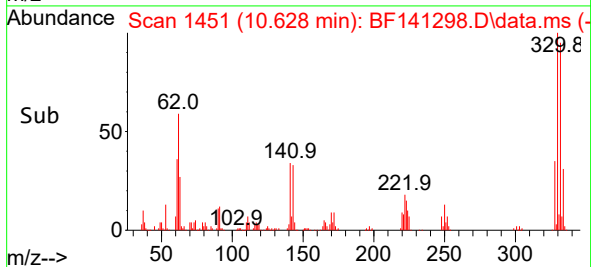
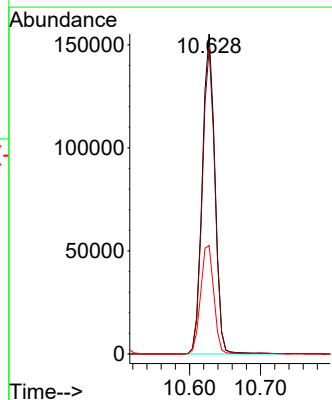
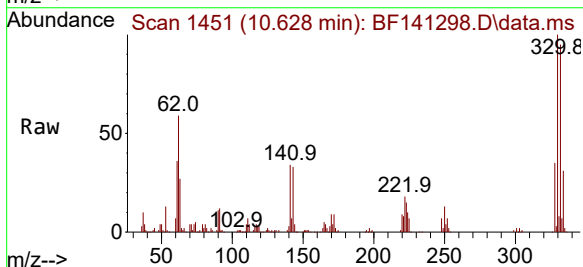
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

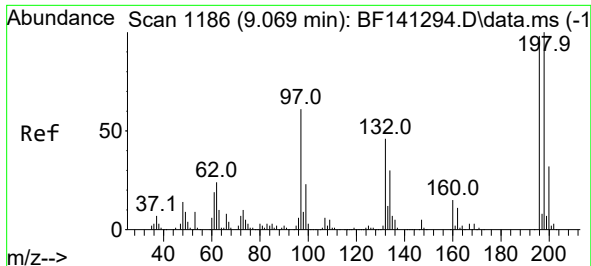
Tgt Ion:237 Resp: 93930
Ion Ratio Lower Upper
237 100
235 64.9 42.9 82.9
272 13.1 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 75.161 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:330 Resp: 192773
Ion Ratio Lower Upper
330 100
332 95.5 76.1 114.1
141 35.5 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 38.625 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

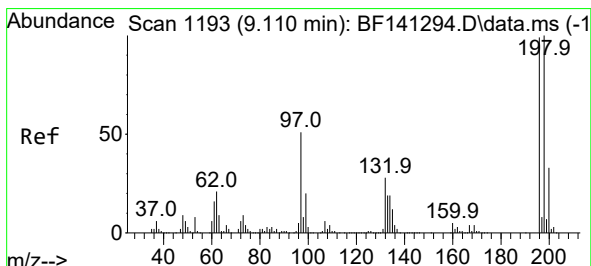
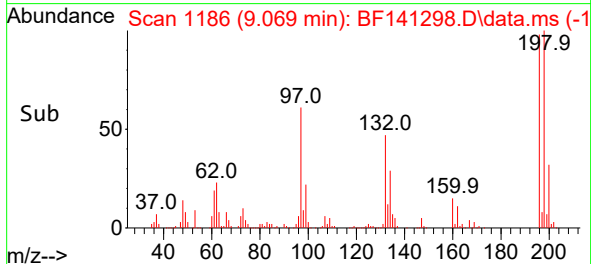
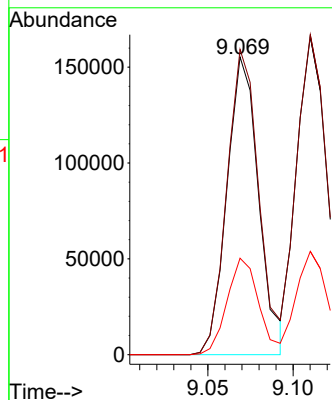
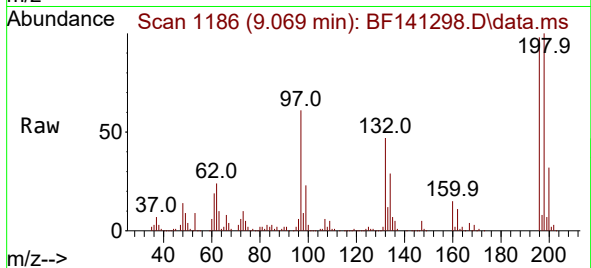
Tgt Ion:196 Resp: 201214

Ion Ratio Lower Upper

196 100

198 102.5 81.8 122.6

200 32.4 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 36.969 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Tgt Ion:196 Resp: 209611

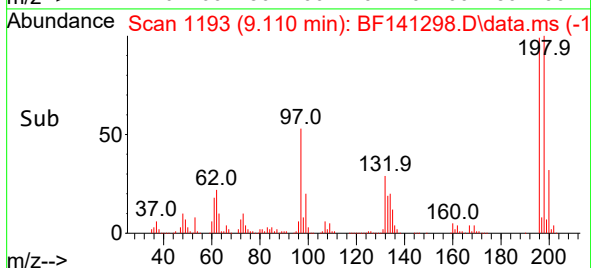
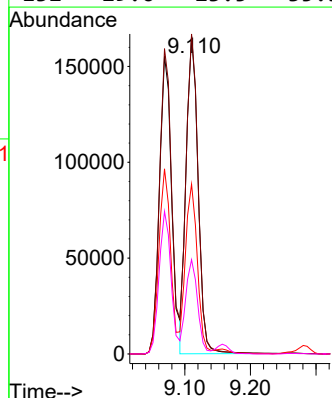
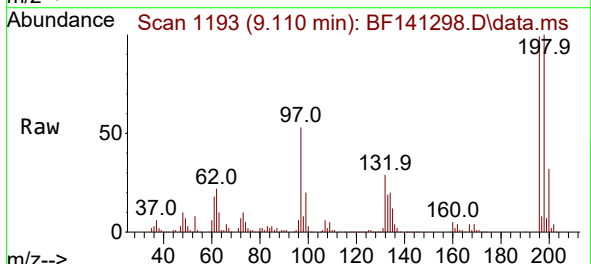
Ion Ratio Lower Upper

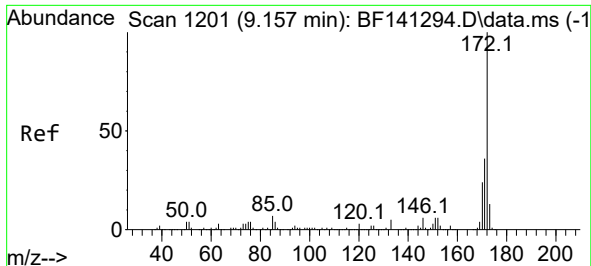
196 100

198 100.6 80.5 120.7

97 53.3 42.8 64.2

132 29.6 23.5 35.3

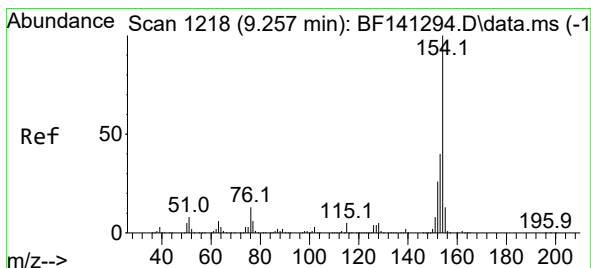
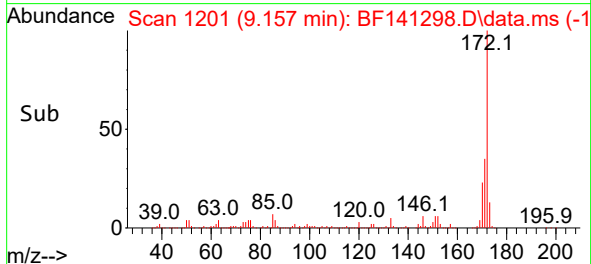
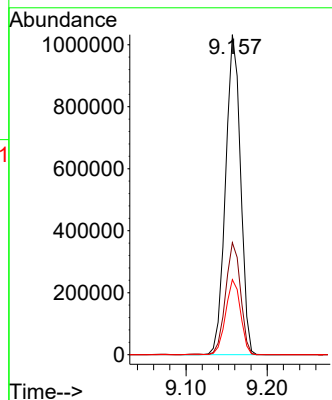
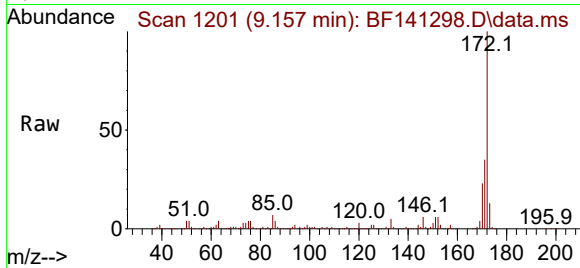




#45
2-Fluorobiphenyl
Concen: 72.938 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

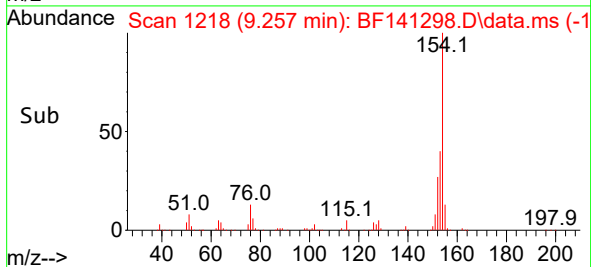
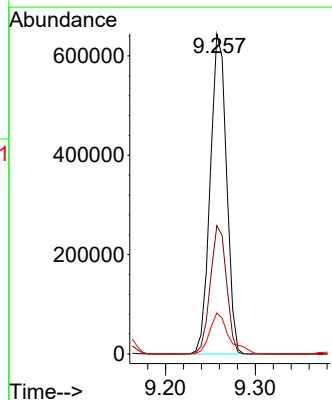
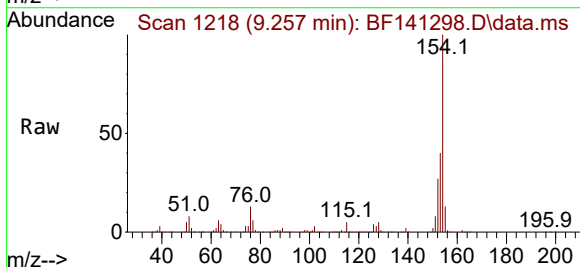
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

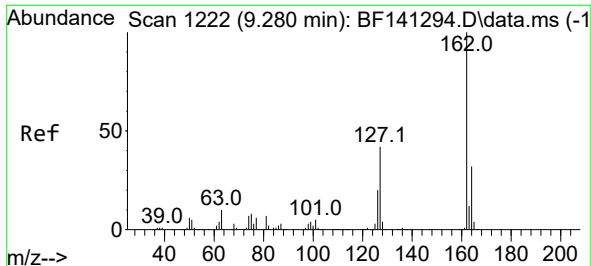
Tgt Ion:172 Resp: 1325725
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.4 19.0 28.6



#46
1,1'-Biphenyl
Concen: 37.111 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:154 Resp: 809694
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 36.837 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

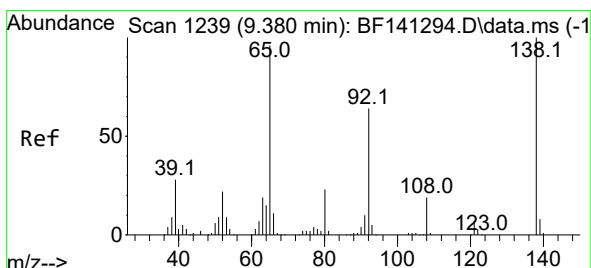
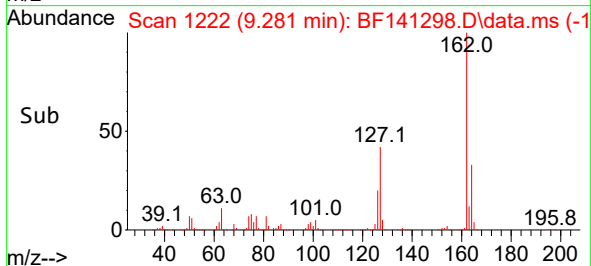
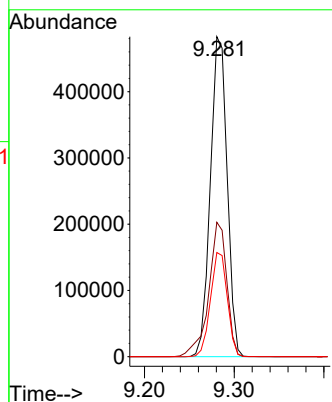
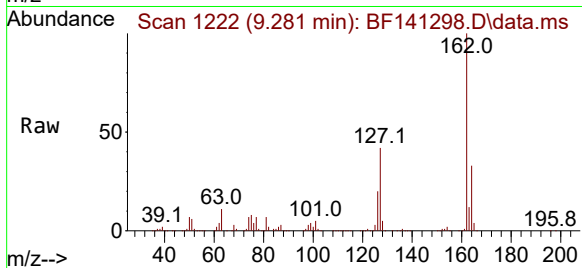
Tgt Ion:162 Resp: 626457

Ion Ratio Lower Upper

162 100

127 42.0 33.7 50.5

164 32.5 25.9 38.9



#48

2-Nitroaniline

Concen: 37.970 ng

RT: 9.381 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

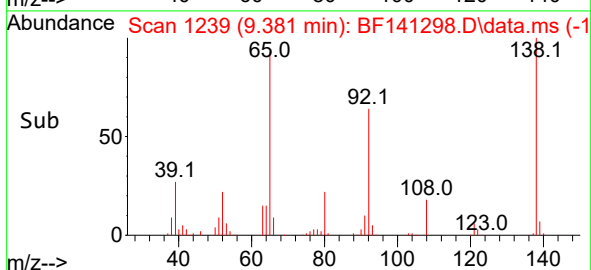
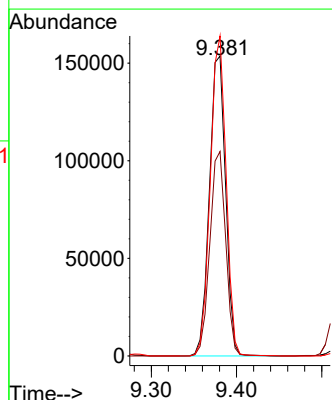
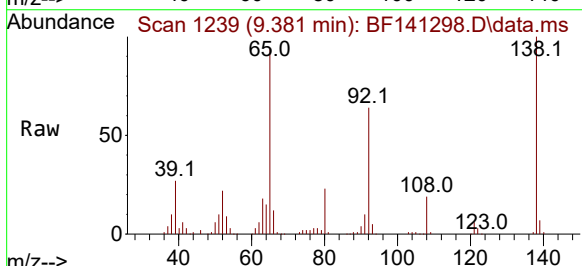
Tgt Ion: 65 Resp: 203104

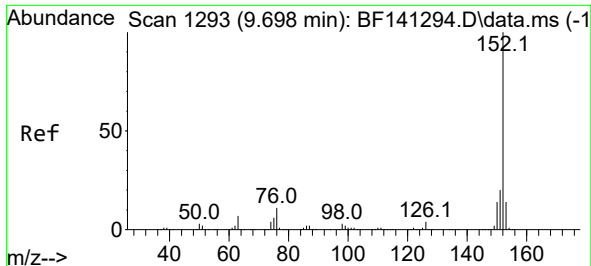
Ion Ratio Lower Upper

65 100

92 68.1 53.3 79.9

138 106.7 83.6 125.4





#49

Acenaphthylene

Concen: 37.416 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

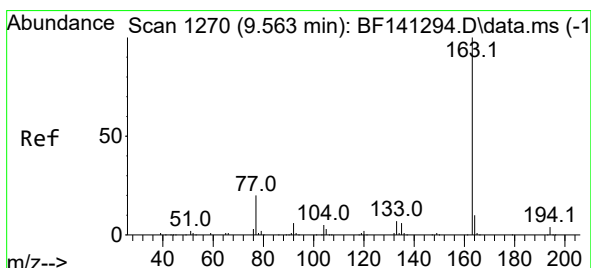
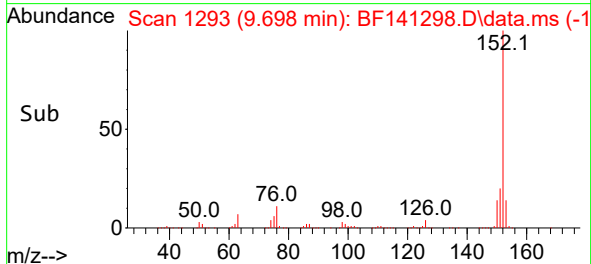
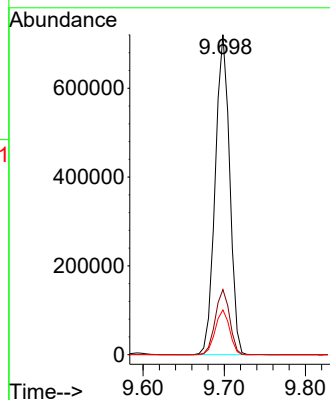
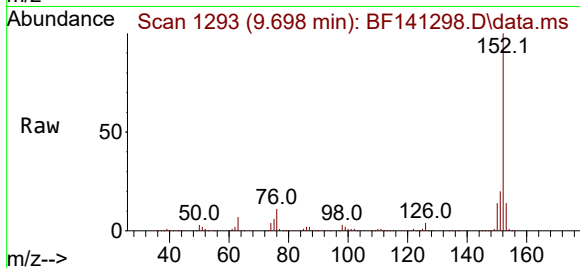
Tgt Ion:152 Resp: 890709

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 14.0 11.0 16.6



#50

Dimethylphthalate

Concen: 36.904 ng

RT: 9.563 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

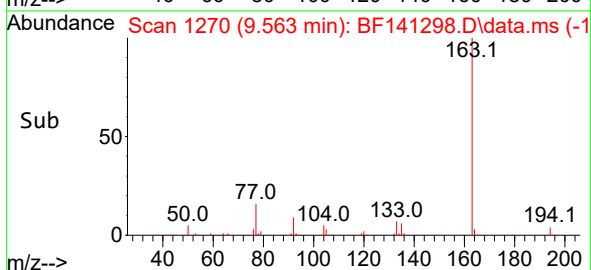
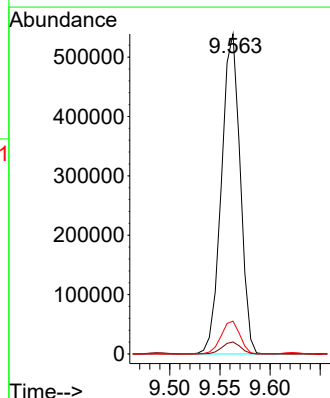
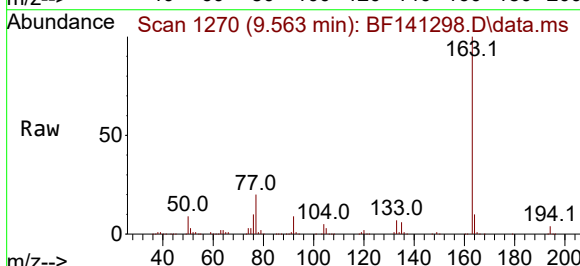
Tgt Ion:163 Resp: 697300

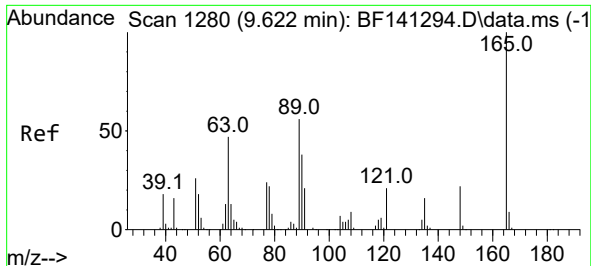
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.2 8.0 12.0

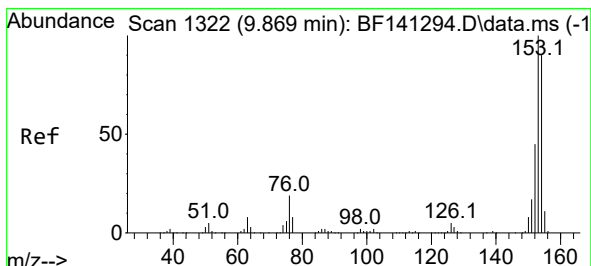
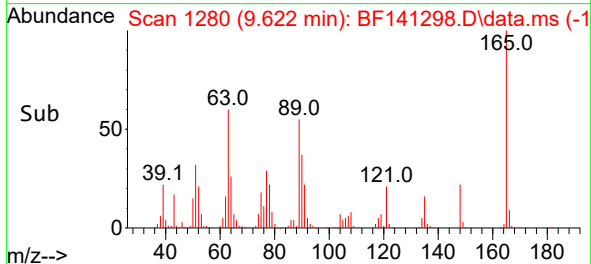
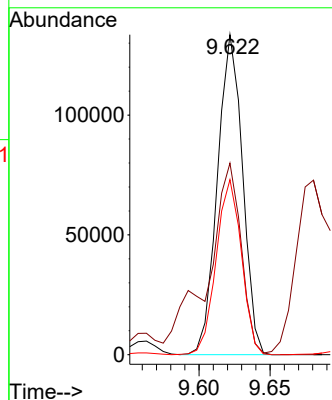
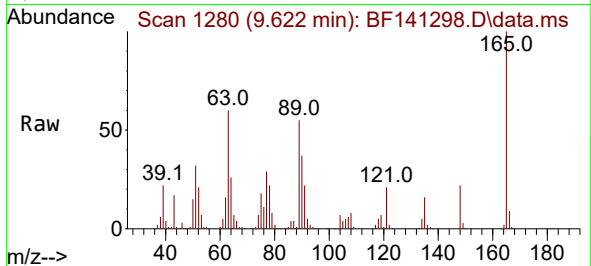




#51
2,6-Dinitrotoluene
Concen: 37.459 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

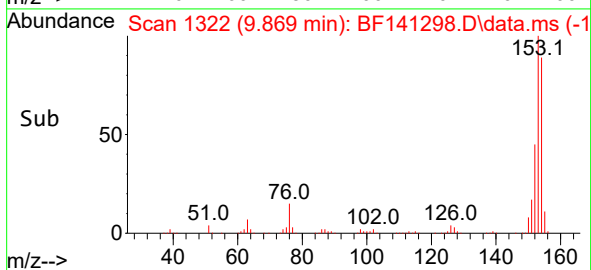
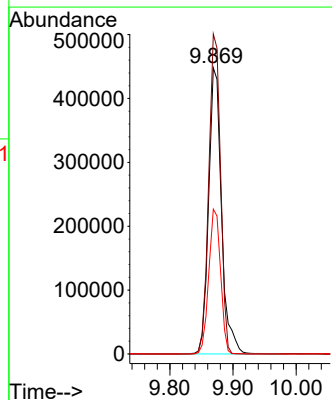
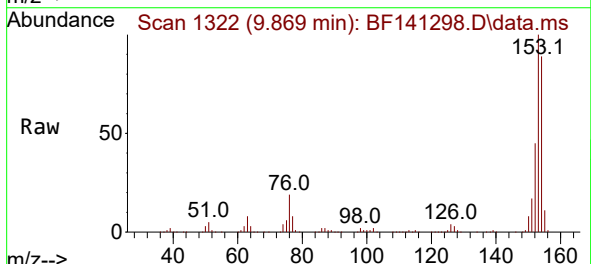
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

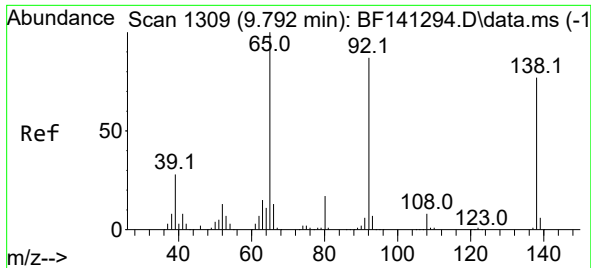
Tgt Ion:165 Resp: 164343
Ion Ratio Lower Upper
165 100
63 59.9 48.1 72.1
89 54.7 44.9 67.3



#52
Acenaphthene
Concen: 37.206 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:154 Resp: 632756
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.4
152 50.6 40.2 60.4

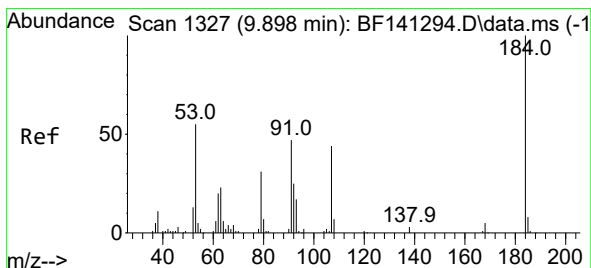
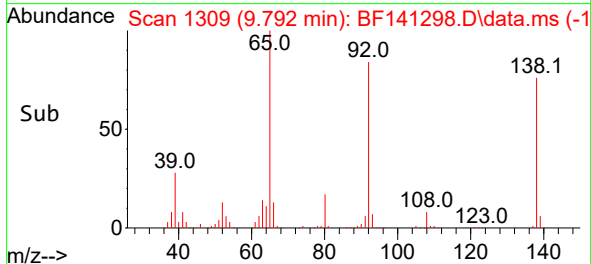
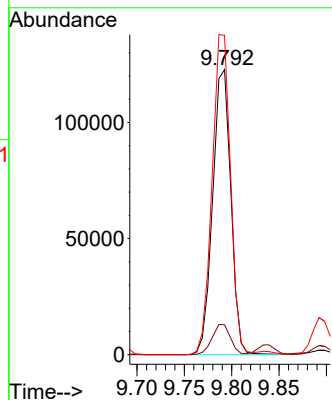
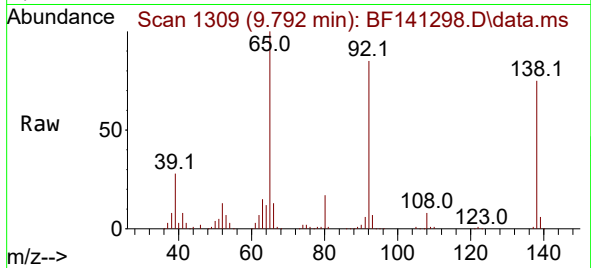




#53
3-Nitroaniline
Concen: 38.150 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

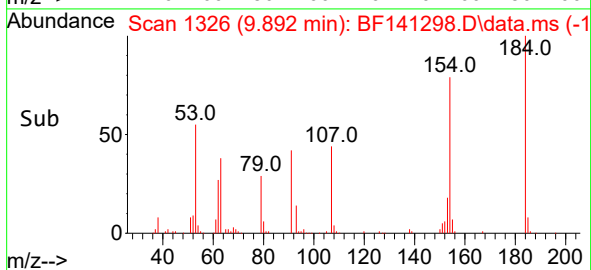
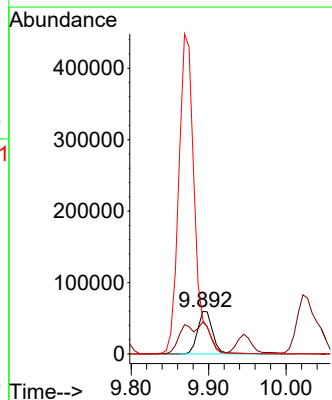
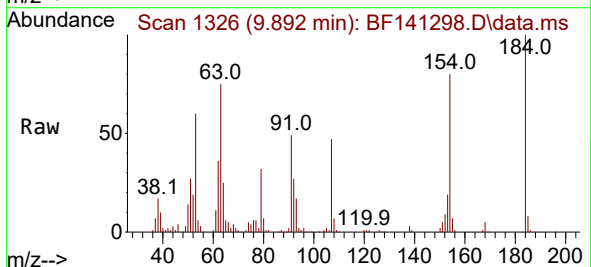
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

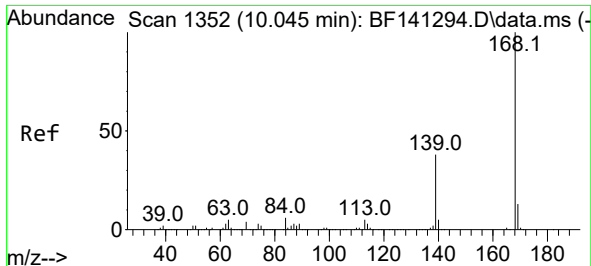
Tgt Ion:138 Resp: 164042
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 112.1 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 39.734 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:184 Resp: 81034
Ion Ratio Lower Upper
184 100
63 75.3 54.1 81.1
154 79.6 50.7 76.1#

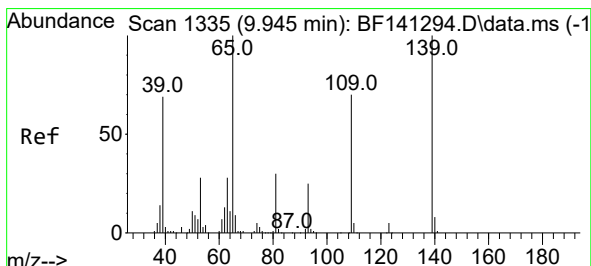
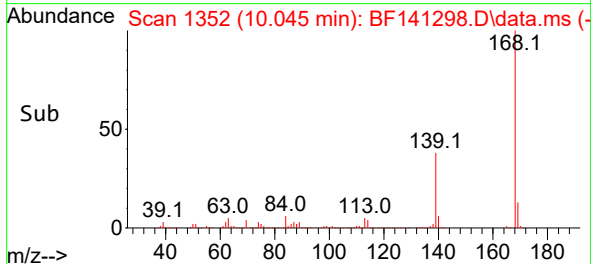
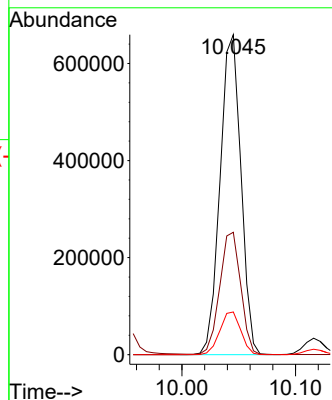
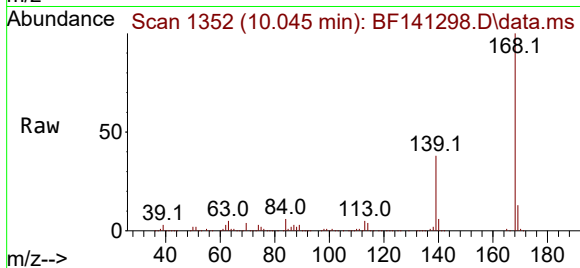




#55
Dibenzenofuran
Concen: 37.012 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

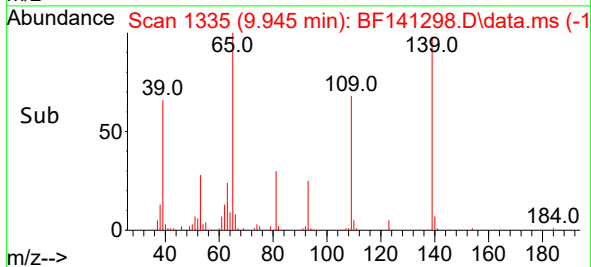
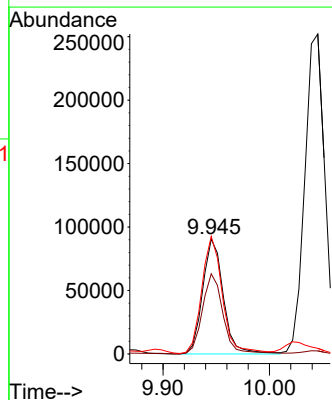
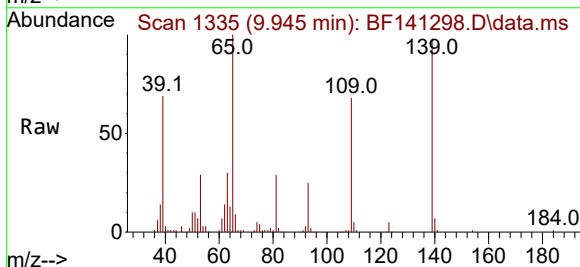
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

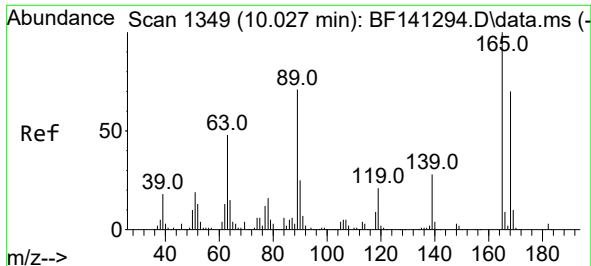
Tgt Ion:168 Resp: 842555
Ion Ratio Lower Upper
168 100
139 38.2 30.6 46.0
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 39.089 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:139 Resp: 122925
Ion Ratio Lower Upper
139 100
109 69.7 50.2 90.2
65 102.4 80.6 120.6

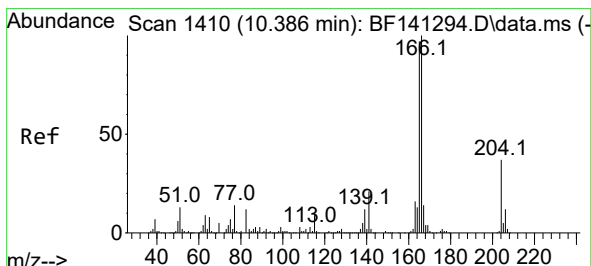
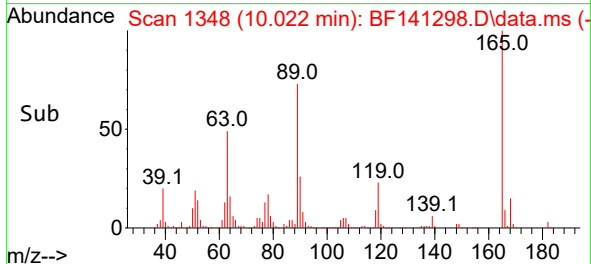
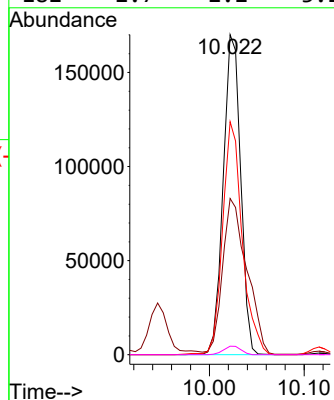
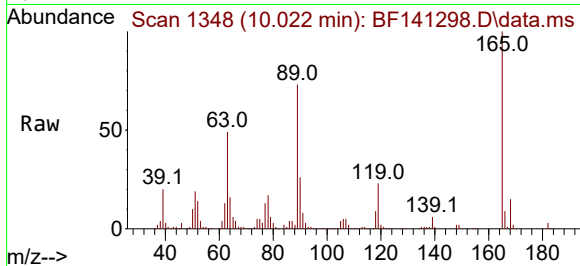




#57
2,4-Dinitrotoluene
Concen: 38.327 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

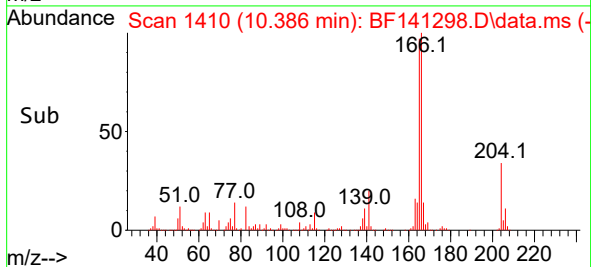
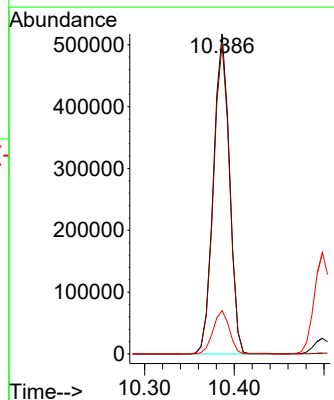
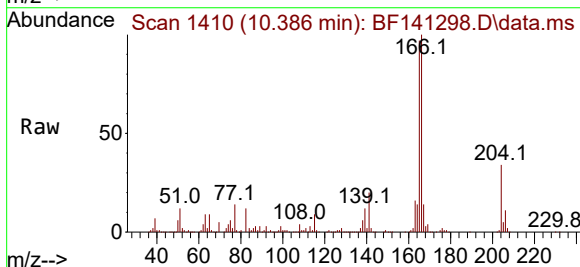
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

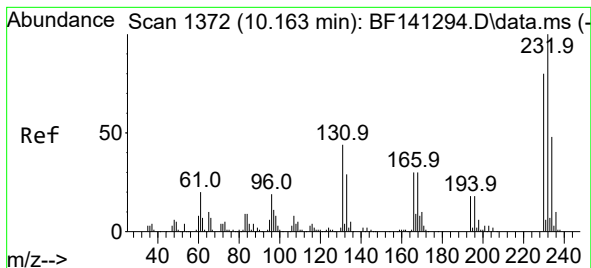
Tgt Ion:165 Resp: 217705
Ion Ratio Lower Upper
165 100
63 48.8 39.2 58.8
89 72.8 56.9 85.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 36.451 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:166 Resp: 643639
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 13.6 10.9 16.3

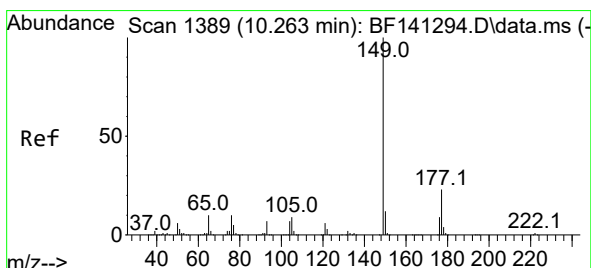
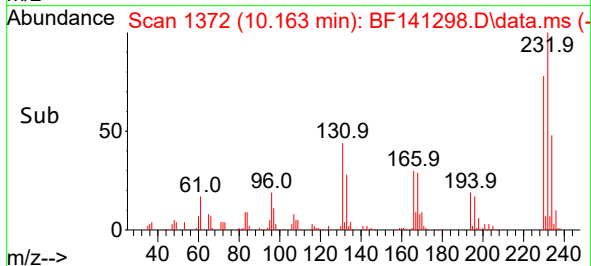
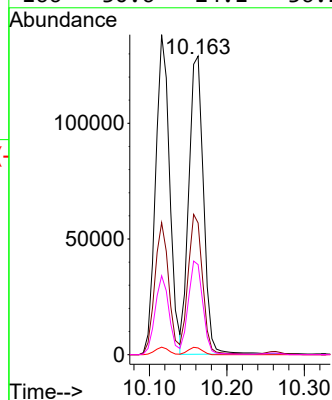
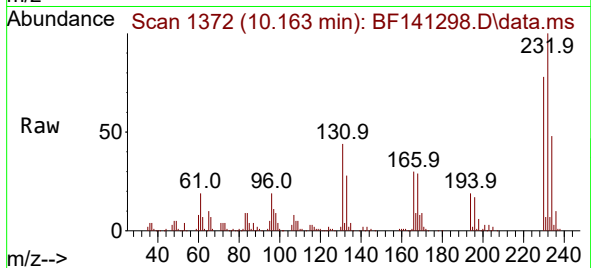




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.902 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

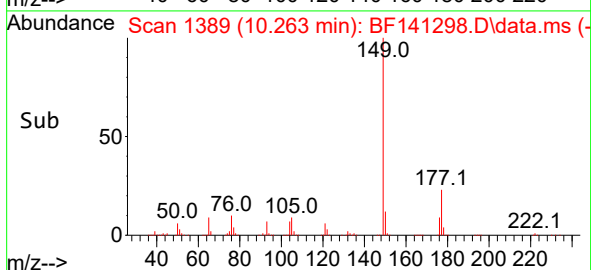
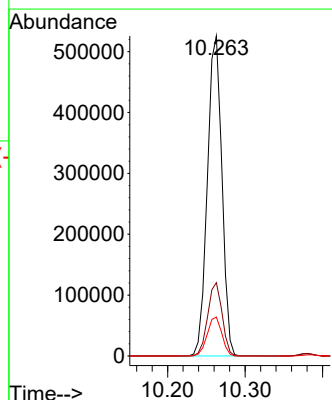
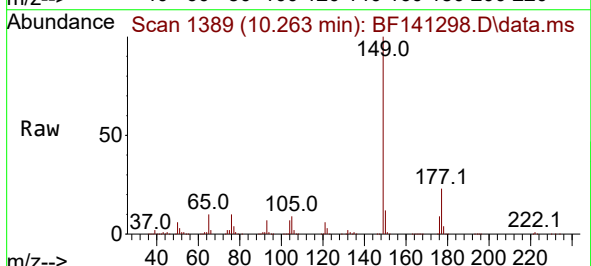
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

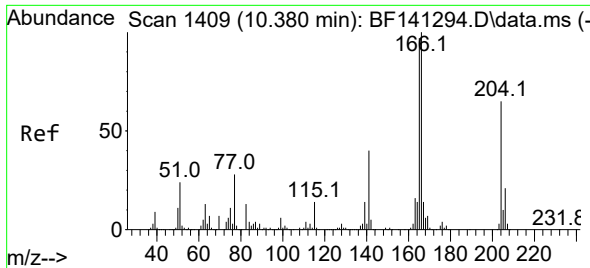
Tgt Ion:232 Resp: 169067
Ion Ratio Lower Upper
232 100
131 46.5 36.4 54.6
130 2.4 1.9 2.9
166 30.6 24.1 36.1



#60
Diethylphthalate
Concen: 37.316 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:149 Resp: 683674
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.1 10.0 15.0

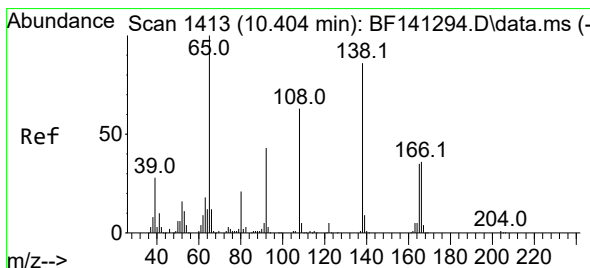
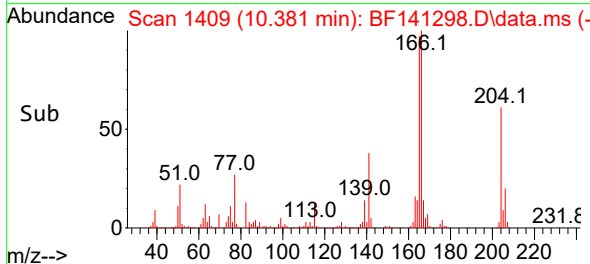
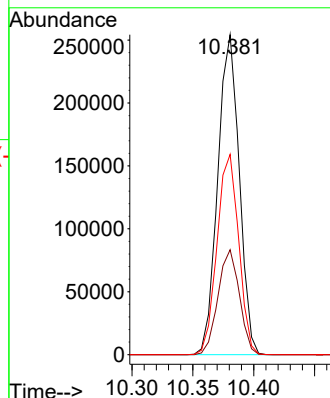
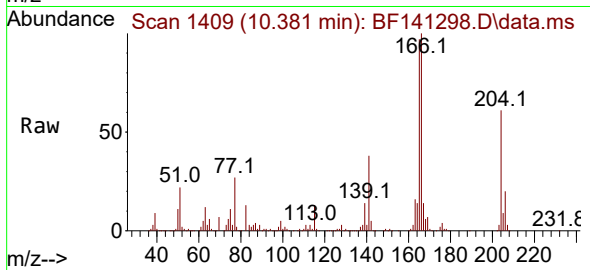




#61
4-Chlorophenyl-phenylether
Concen: 36.180 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

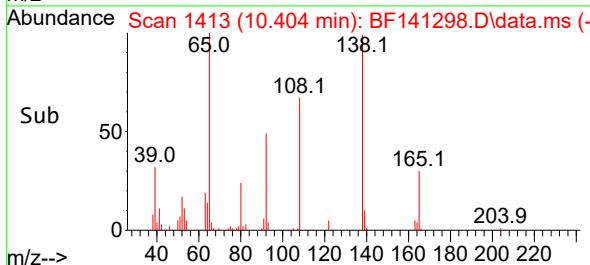
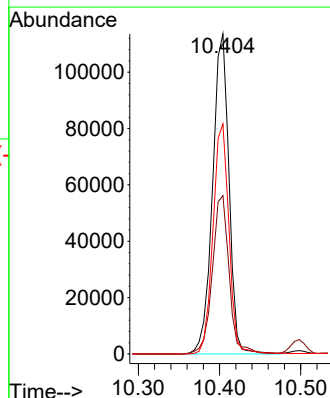
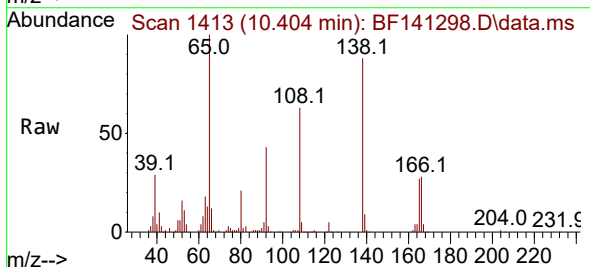
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

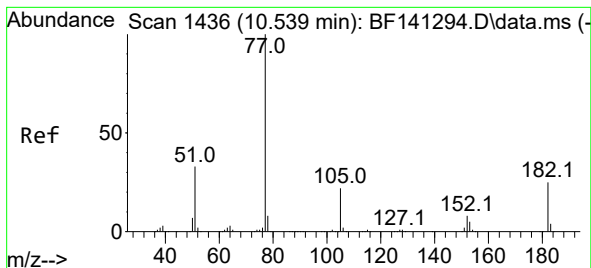
Tgt Ion:204 Resp: 312065
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 62.6 49.5 74.3



#62
4-Nitroaniline
Concen: 37.665 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:138 Resp: 159227
Ion Ratio Lower Upper
138 100
92 49.5 30.1 70.1
108 71.9 53.1 93.1





#63

Azobenzene

Concen: 37.020 ng

RT: 10.539 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

Tgt Ion: 77 Resp: 678905

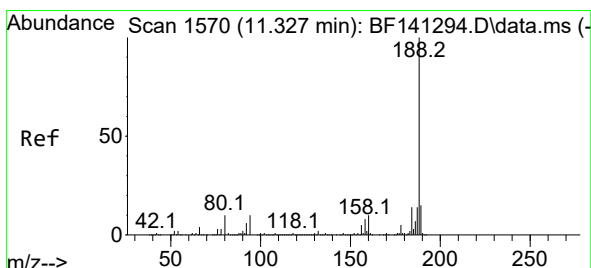
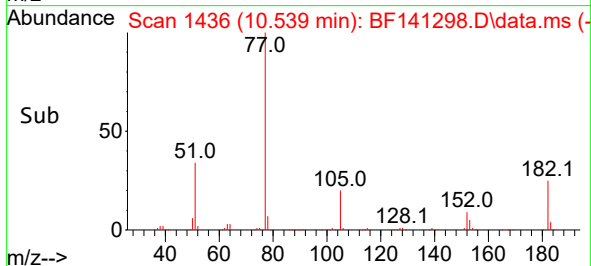
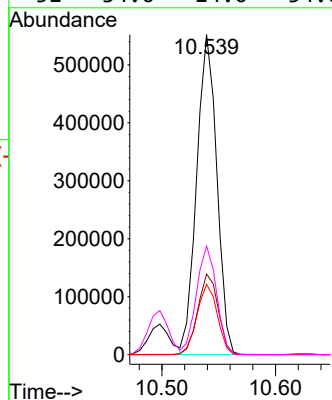
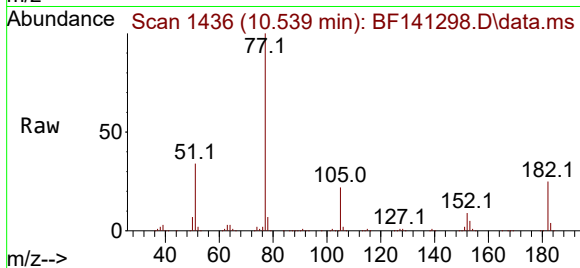
Ion Ratio Lower Upper

77 100

182 25.2 5.1 45.1

105 22.0 1.8 41.8

51 34.0 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

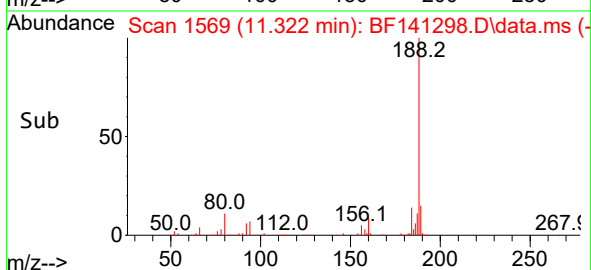
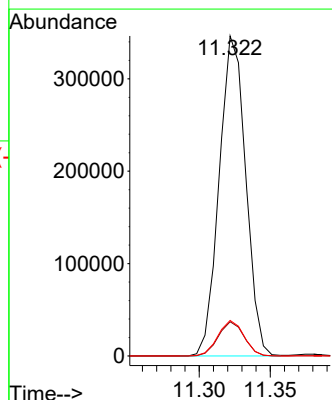
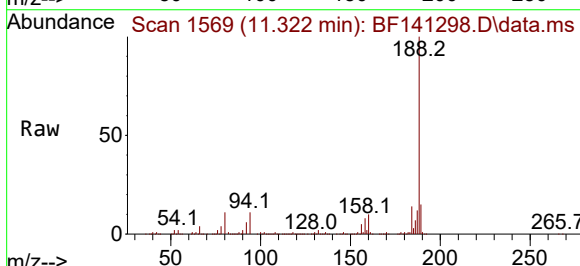
Tgt Ion:188 Resp: 450291

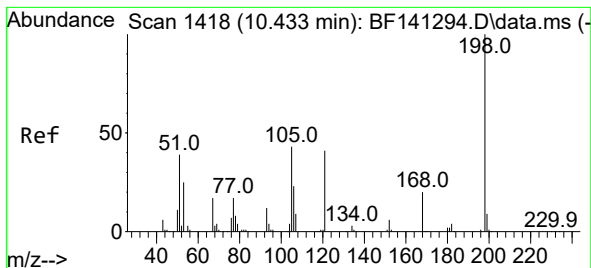
Ion Ratio Lower Upper

188 100

94 10.7 7.8 11.6

80 11.1 8.2 12.4

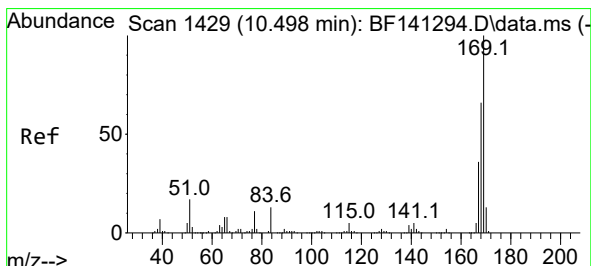
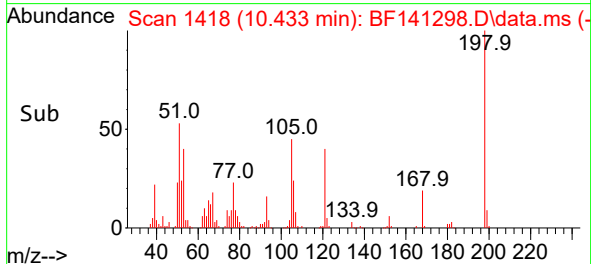
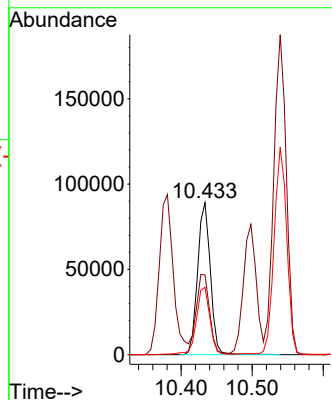
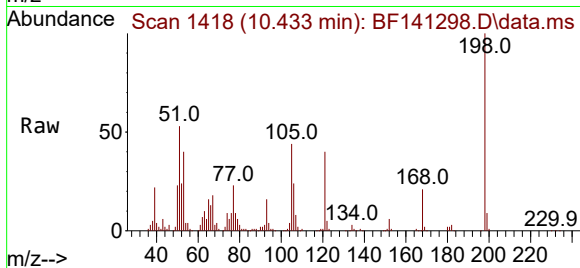




#65
4,6-Dinitro-2-methylphenol
Concen: 41.913 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

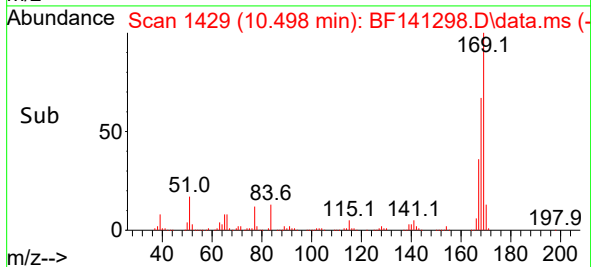
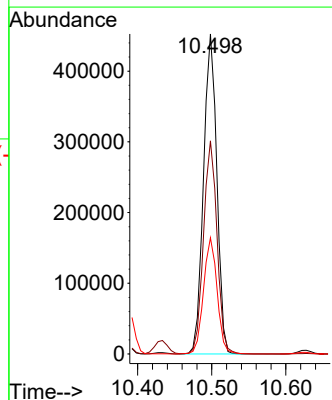
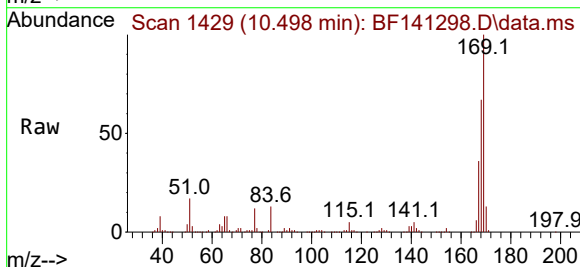
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

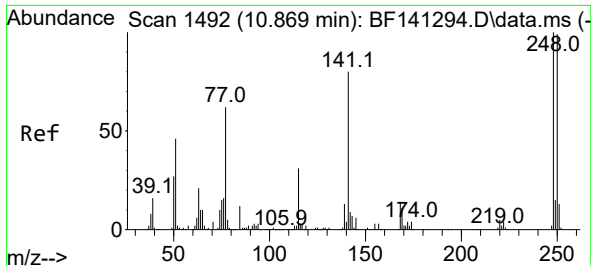
Tgt Ion:198 Resp: 111635
Ion Ratio Lower Upper
198 100
51 52.5 33.4 73.4
105 44.4 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 38.757 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:169 Resp: 564452
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.4
167 36.3 28.8 43.2

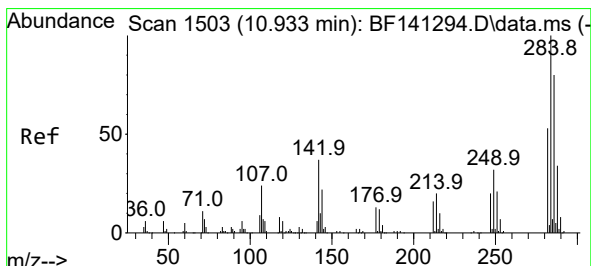
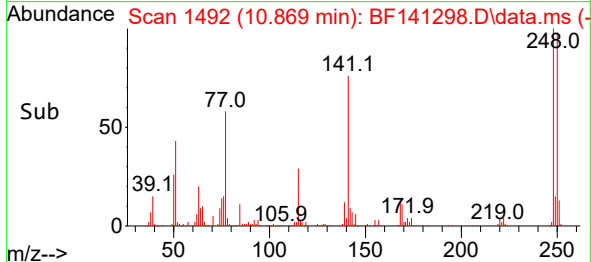
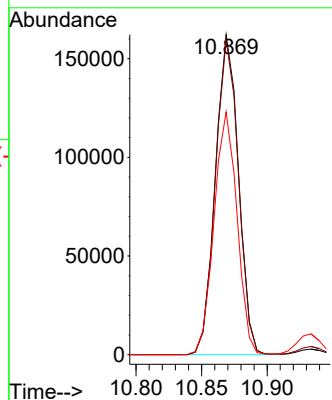
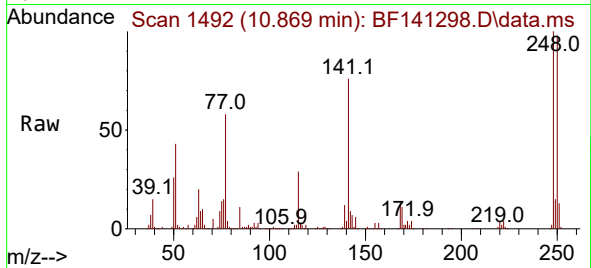




#67
4-Bromophenyl-phenylether
Concen: 39.477 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

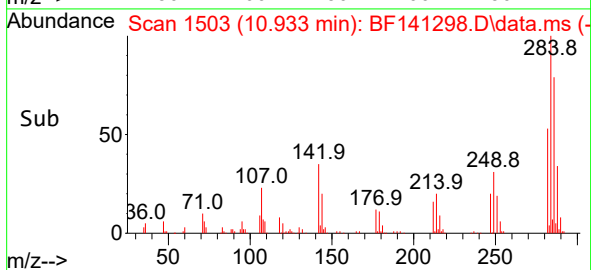
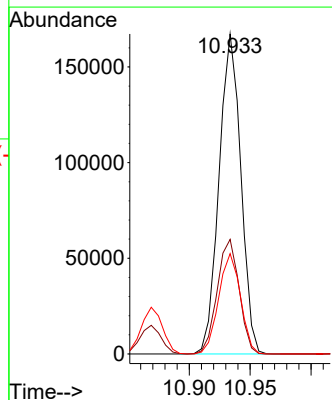
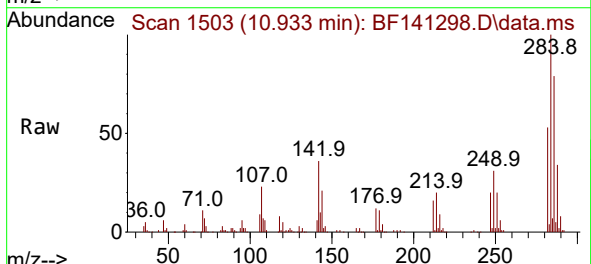
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

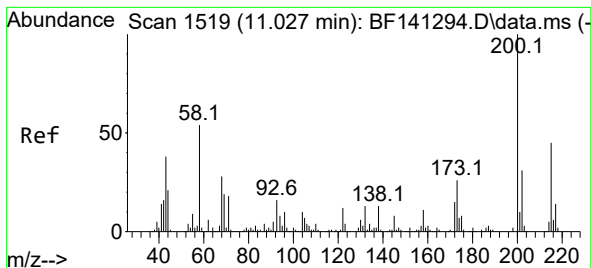
Tgt Ion:248 Resp: 199009
Ion Ratio Lower Upper
248 100
250 98.4 79.0 118.4
141 75.9 63.7 95.5



#68
Hexachlorobenzene
Concen: 38.929 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:284 Resp: 208171
Ion Ratio Lower Upper
284 100
142 35.8 29.5 44.3
249 31.3 25.4 38.2





#69

Atrazine

Concen: 39.215 ng

RT: 11.028 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

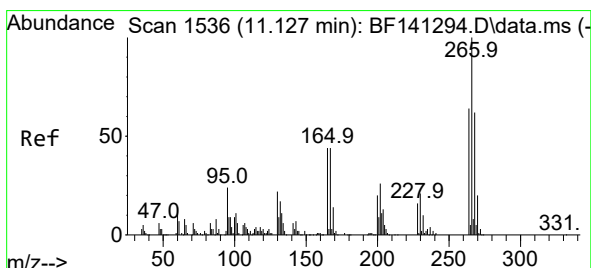
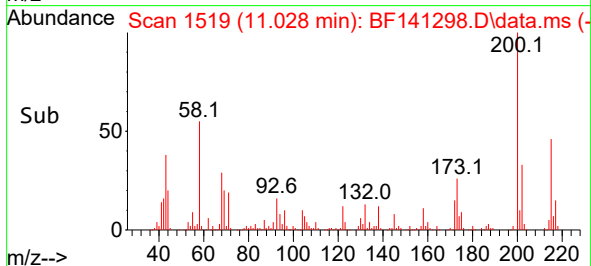
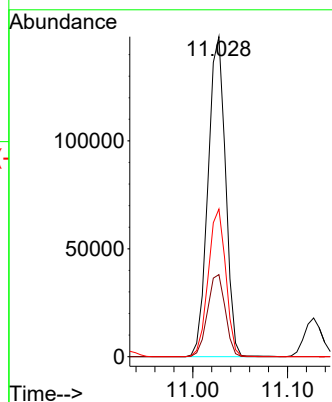
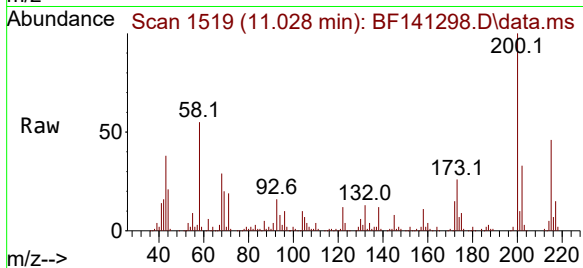
Tgt Ion:200 Resp: 190958

Ion Ratio Lower Upper

200 100

173 25.7 5.9 45.9

215 46.1 25.2 65.2



#70

Pentachlorophenol

Concen: 40.973 ng

RT: 11.128 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

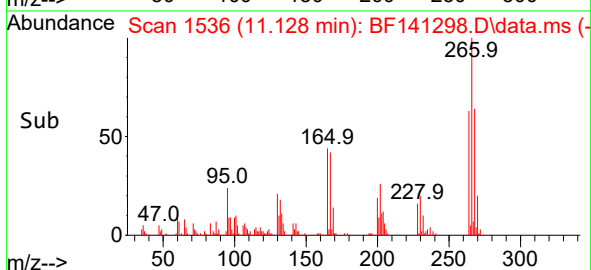
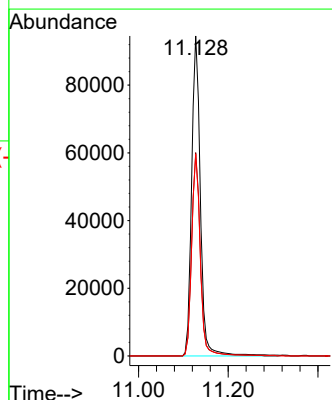
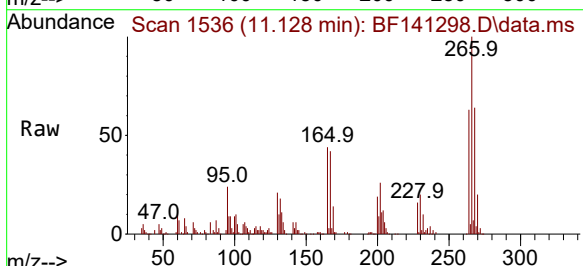
Tgt Ion:266 Resp: 128300

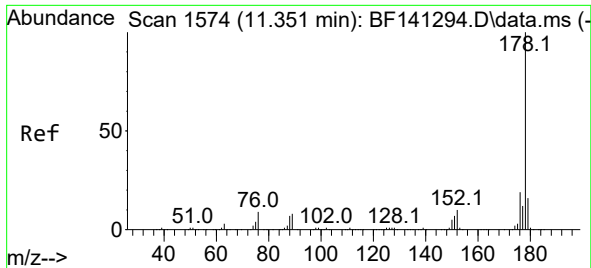
Ion Ratio Lower Upper

266 100

268 63.6 49.9 74.9

264 63.0 51.0 76.4

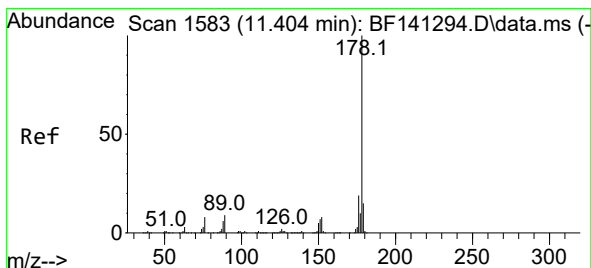
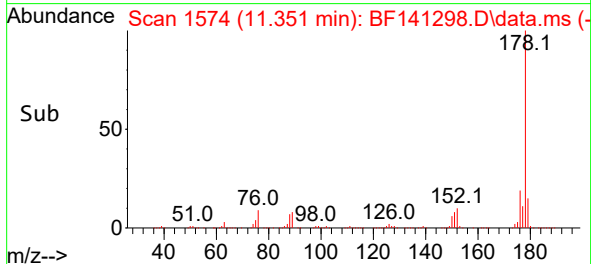
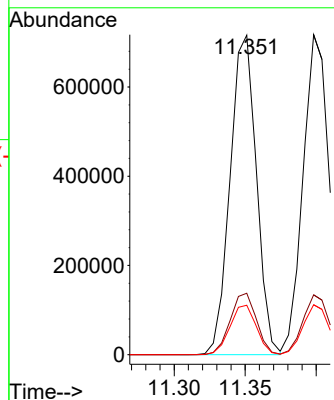
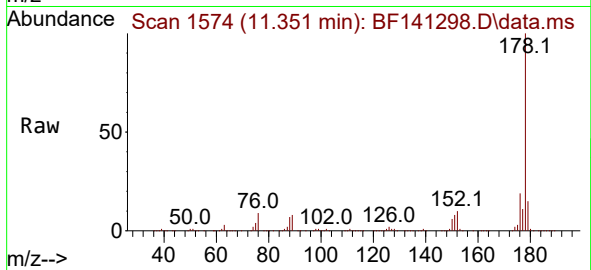




#71
Phenanthrene
Concen: 38.117 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

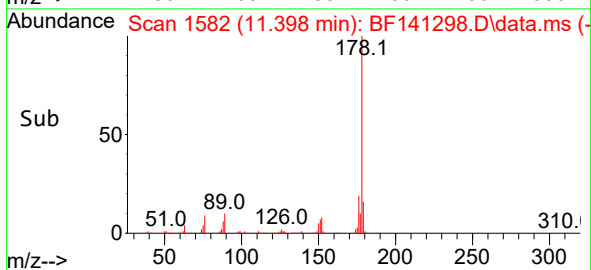
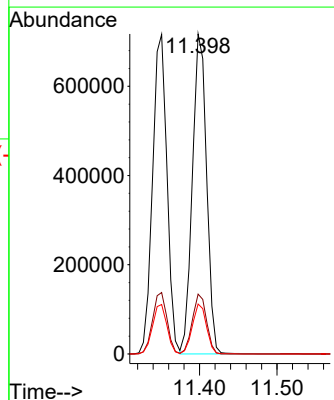
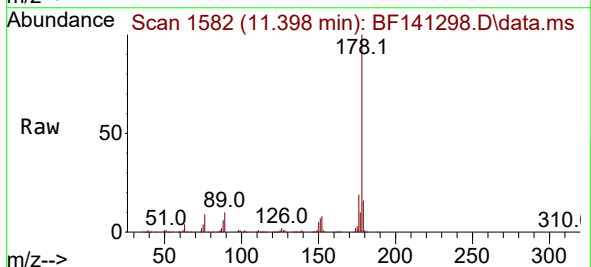
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

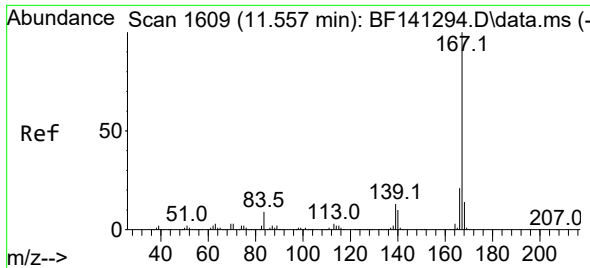
Tgt Ion:178 Resp: 922625
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 38.484 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:178 Resp: 912703
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.3 18.5

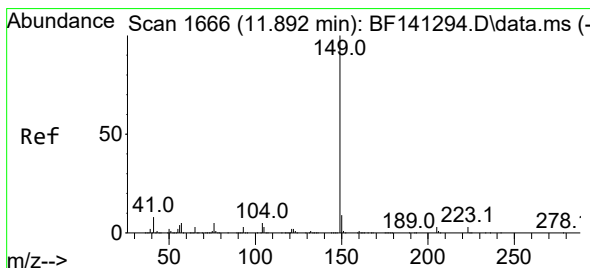
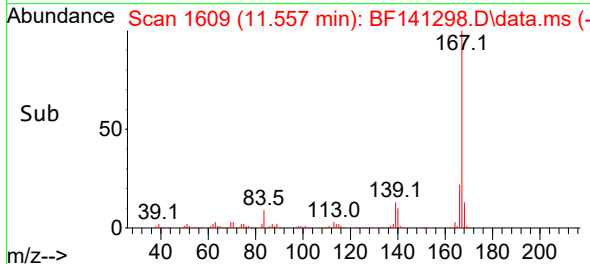
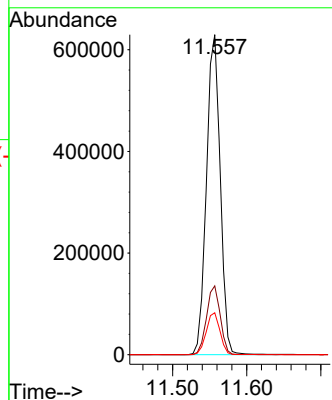
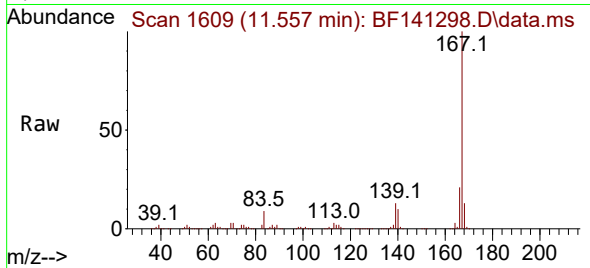




#73
 Carbazole
 Concen: 38.661 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141298.D
 Acq: 29 Jan 2025 17:31

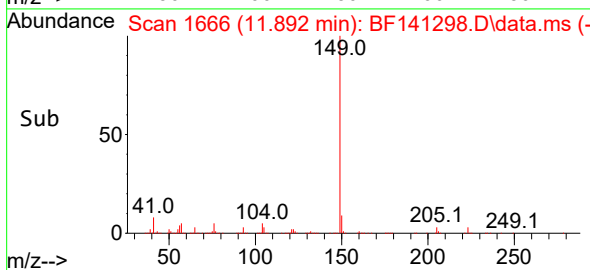
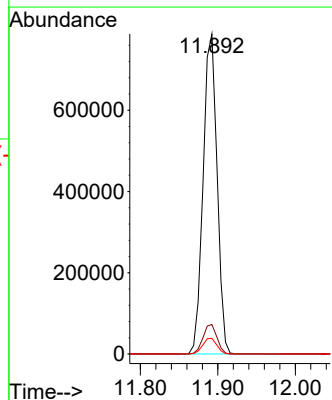
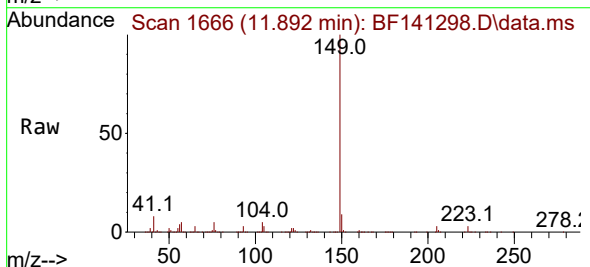
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012925

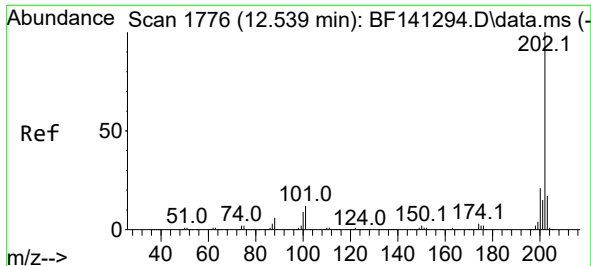
Tgt Ion:167 Resp: 813036
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 38.639 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141298.D
 Acq: 29 Jan 2025 17:31

Tgt Ion:149 Resp: 984759
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.9 3.9 5.9

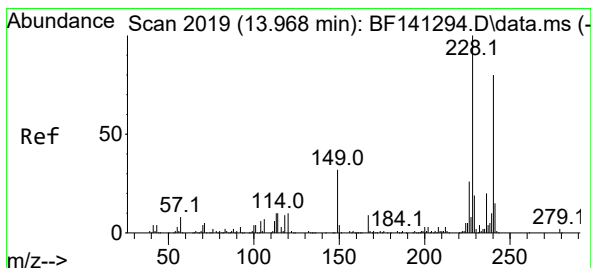
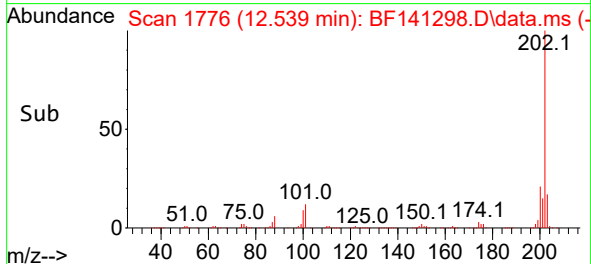
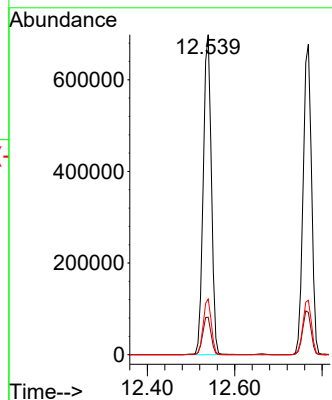
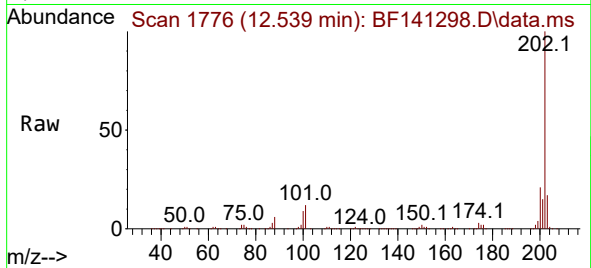




#75
Fluoranthene
Concen: 37.768 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

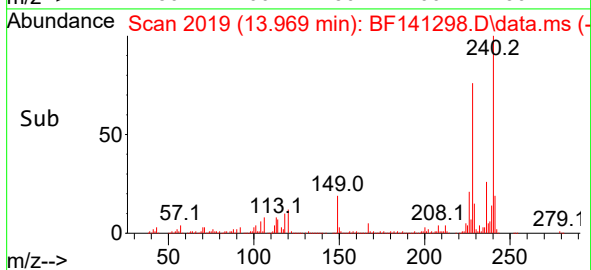
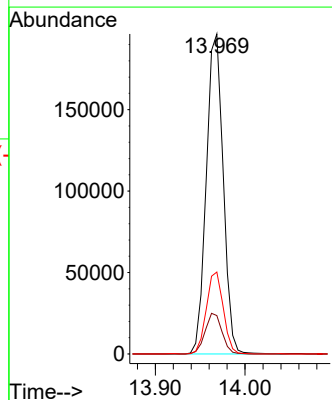
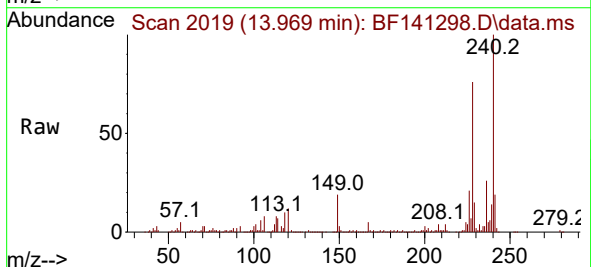
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

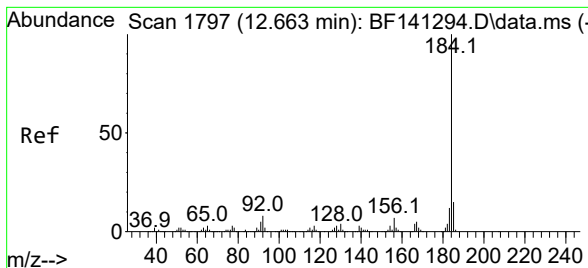
Tgt Ion:202 Resp: 902637
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:240 Resp: 257177
Ion Ratio Lower Upper
240 100
120 12.0 10.0 15.0
236 25.6 19.7 29.5





#77

Benzidine

Concen: 49.142 ng

RT: 12.663 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

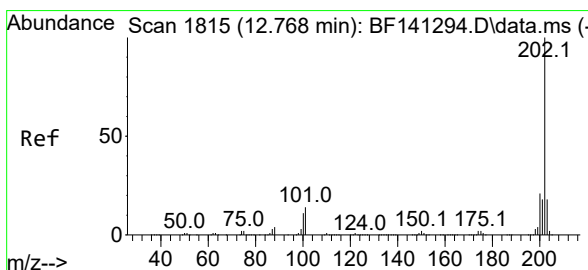
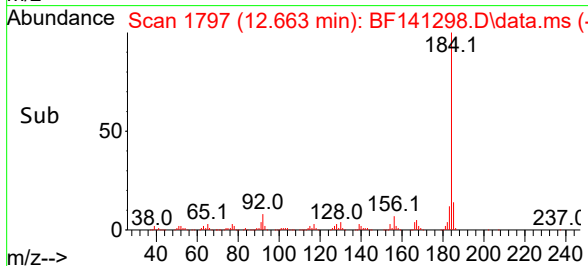
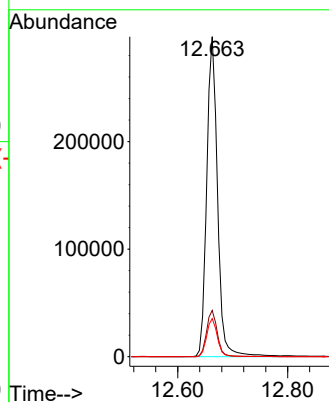
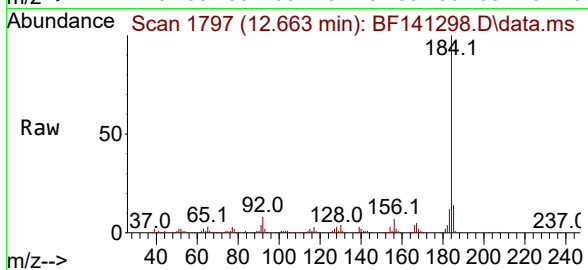
Tgt Ion:184 Resp: 405163

Ion Ratio Lower Upper

184 100

185 14.5 11.9 17.9

183 11.9 9.5 14.3



#78

Pyrene

Concen: 36.225 ng

RT: 12.769 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

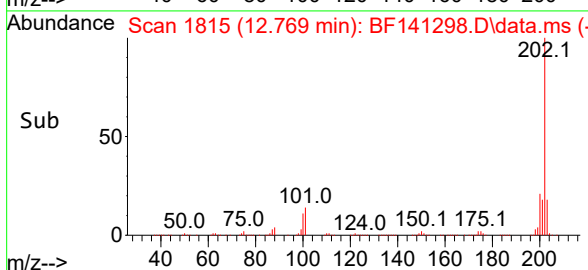
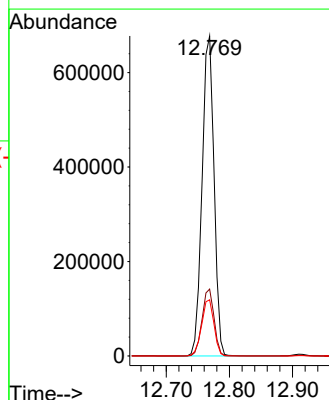
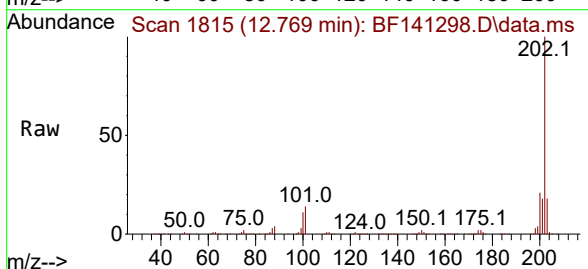
Tgt Ion:202 Resp: 894269

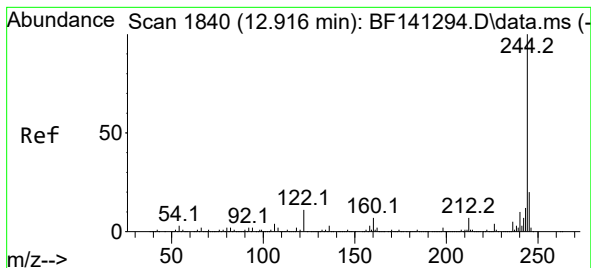
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 72.460 ng

RT: 12.910 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

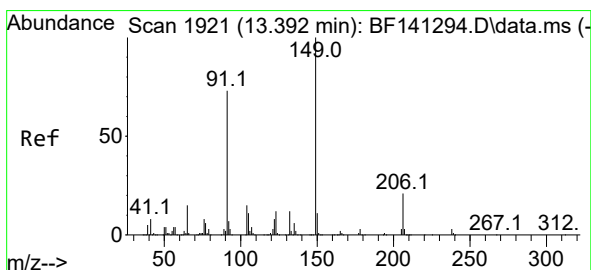
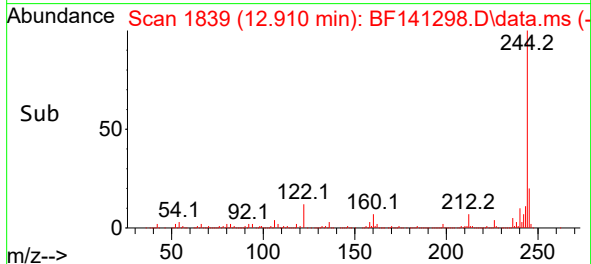
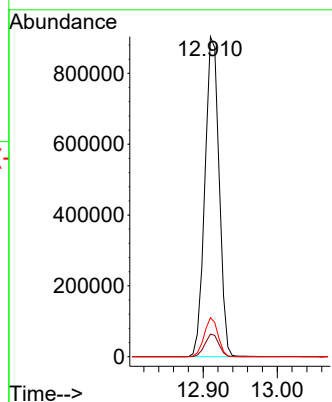
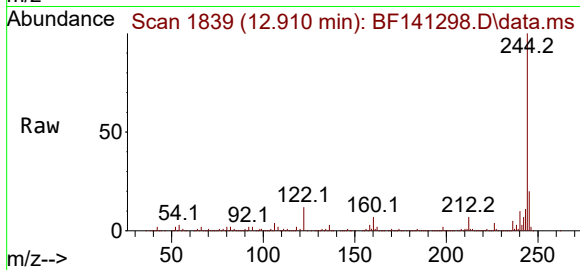
Tgt Ion:244 Resp: 1208358

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 12.2 8.8 13.2



#80

Butylbenzylphthalate

Concen: 37.660 ng

RT: 13.392 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

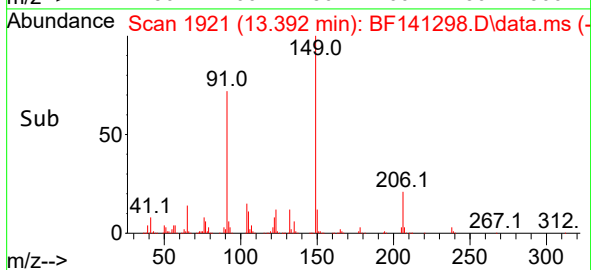
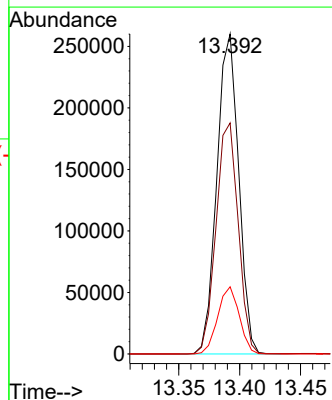
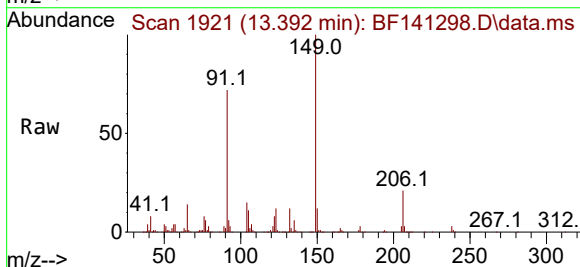
Tgt Ion:149 Resp: 324793

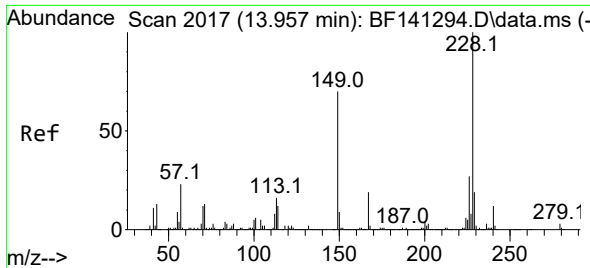
Ion Ratio Lower Upper

149 100

91 72.2 58.6 87.8

206 21.0 16.7 25.1

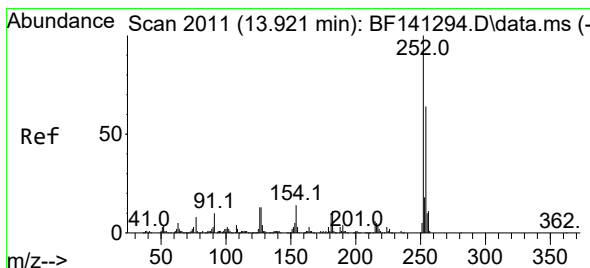
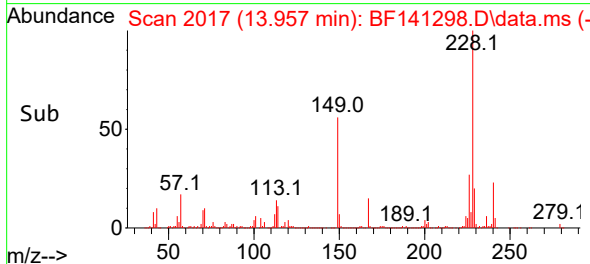
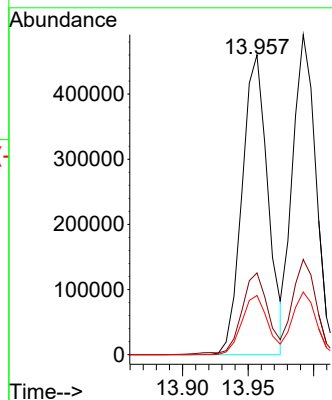
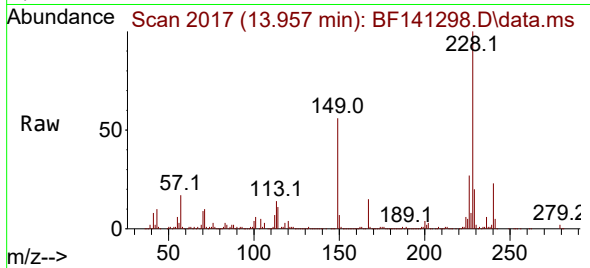




#81
Benzo(a)anthracene
Concen: 35.587 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

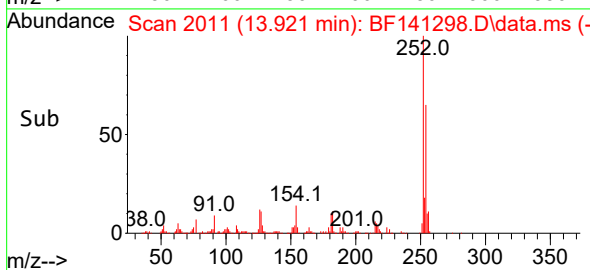
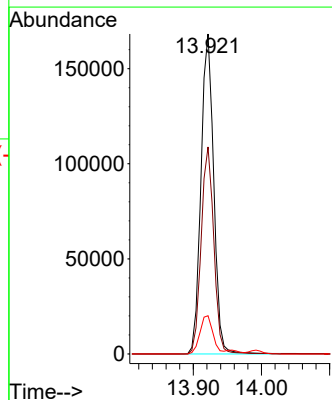
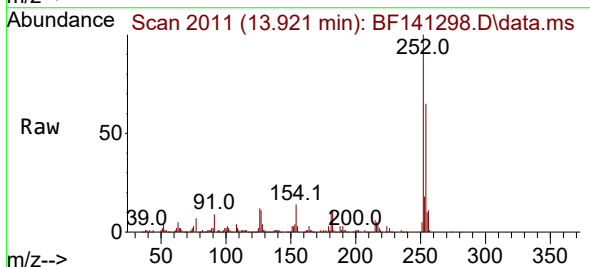
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

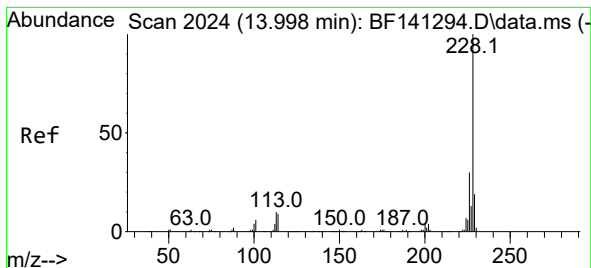
Tgt Ion:228 Resp: 631556
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 38.774 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:252 Resp: 218850
Ion Ratio Lower Upper
252 100
254 64.7 51.3 76.9
126 12.0 10.0 15.0





#83

Chrysene

Concen: 37.508 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

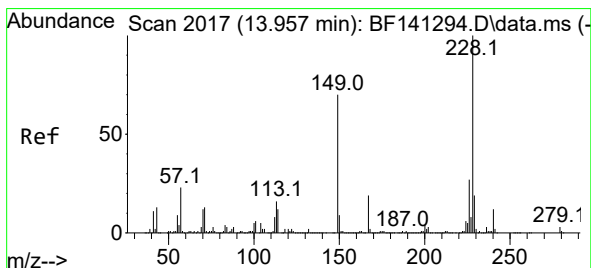
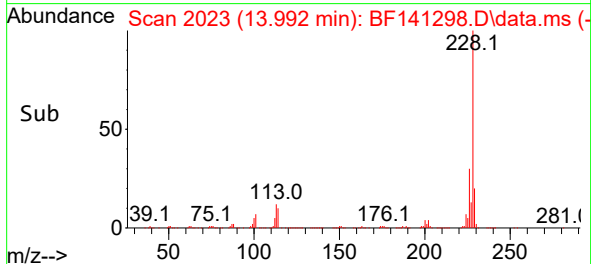
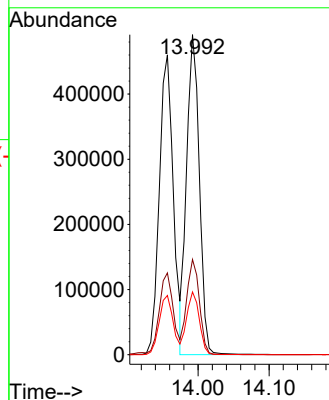
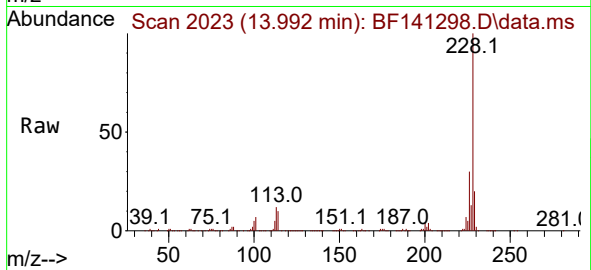
Tgt Ion:228 Resp: 610038

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.620 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

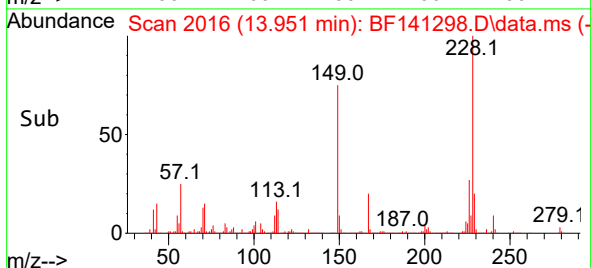
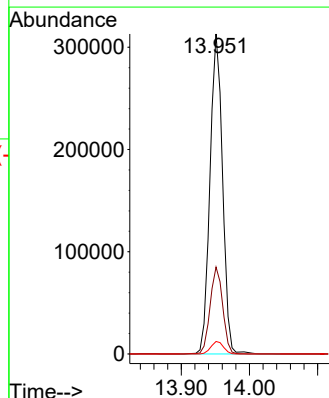
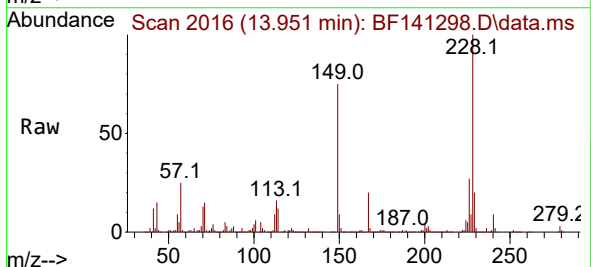
Tgt Ion:149 Resp: 400642

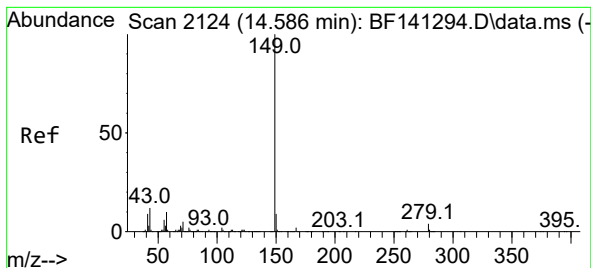
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 37.807 ng

RT: 14.569 min Scan# 2121

Delta R.T. -0.018 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

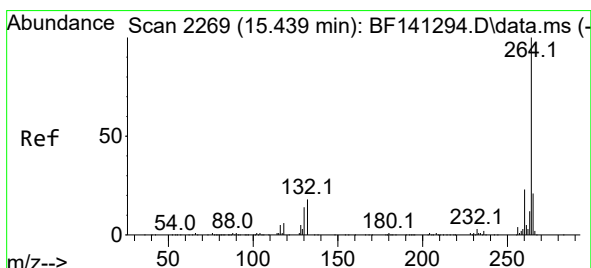
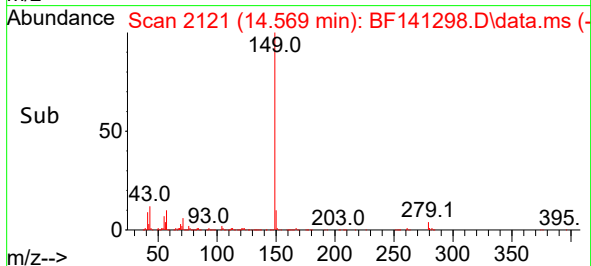
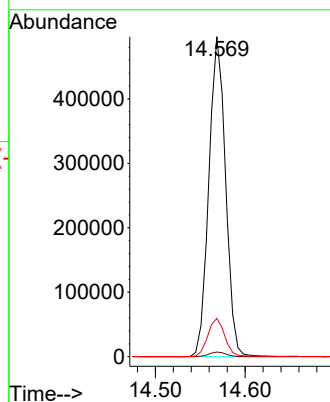
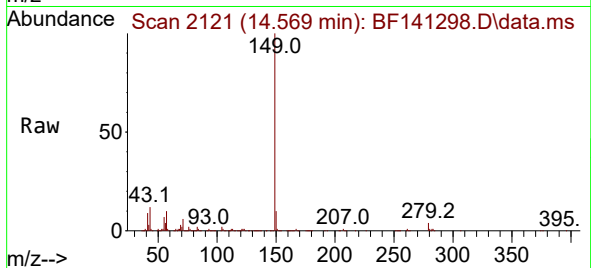
Tgt Ion:149 Resp: 642439

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.1 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

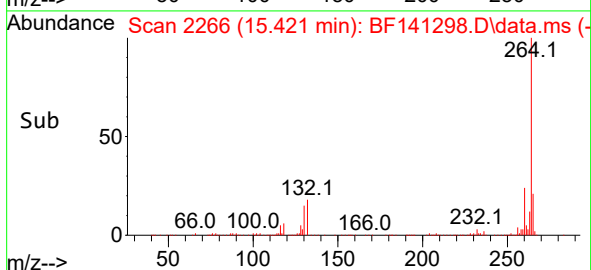
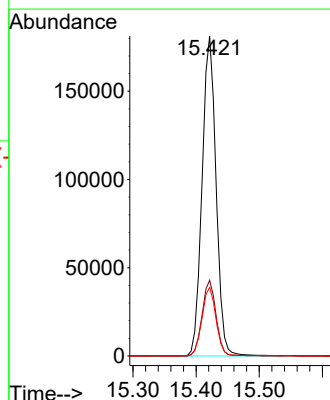
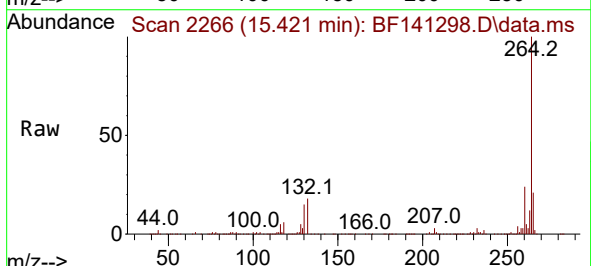
Tgt Ion:264 Resp: 279455

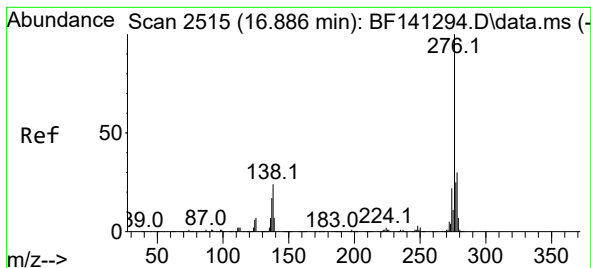
Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.5 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.626 ng

RT: 16.868 min Scan# 2194

Delta R.T. -0.029 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

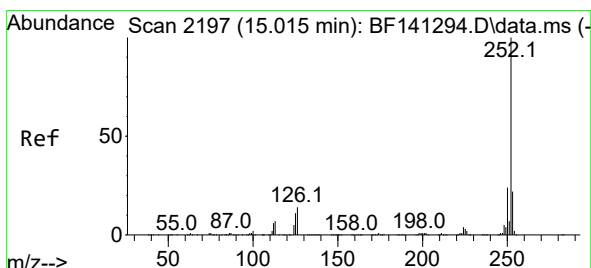
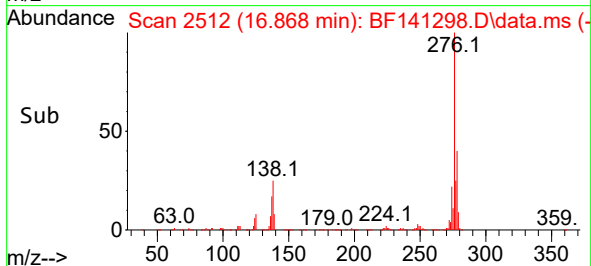
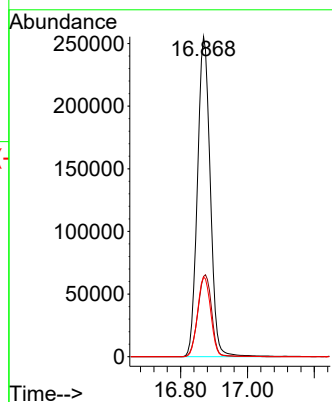
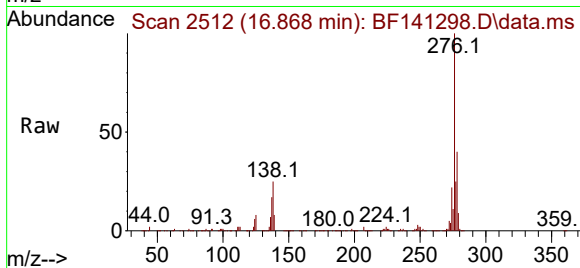
Tgt Ion:276 Resp: 678653

Ion Ratio Lower Upper

276 100

138 27.3 21.7 32.5

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 38.861 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.024 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

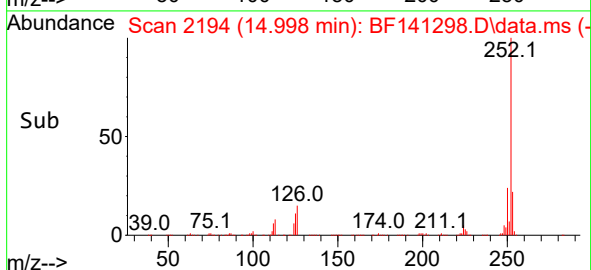
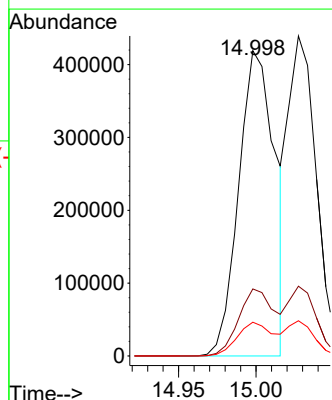
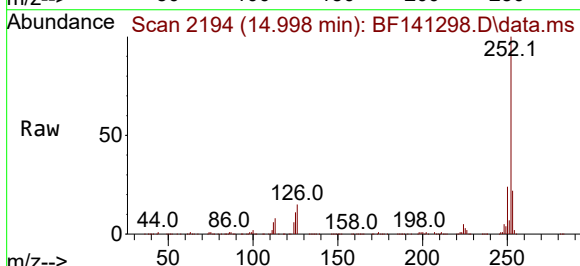
Tgt Ion:252 Resp: 683111

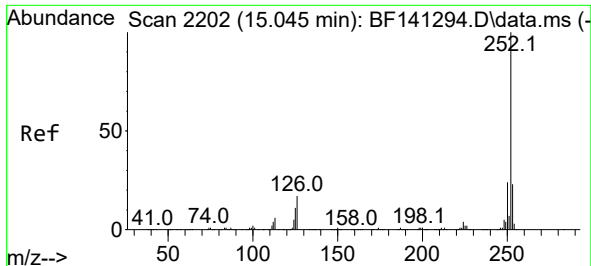
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.0 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 35.766 ng

RT: 15.027 min Scan# 2199

Delta R.T. -0.024 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

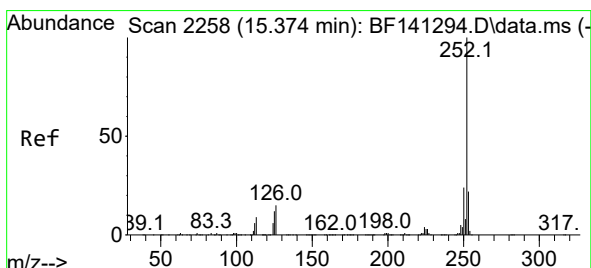
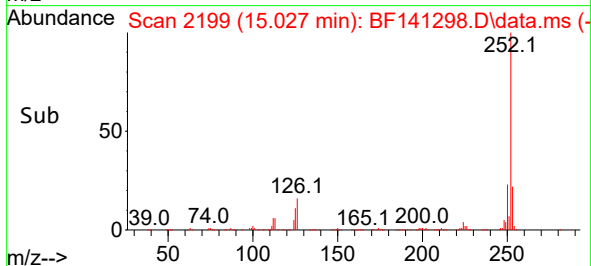
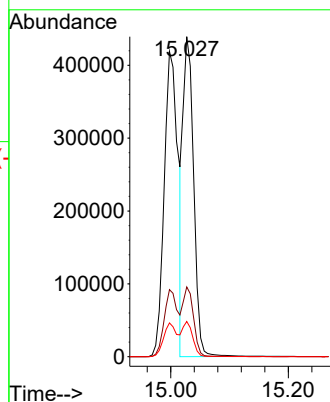
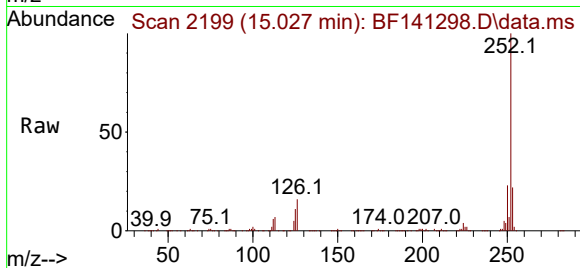
Tgt Ion:252 Resp: 556960

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 11.0 8.4 12.6



#90

Benzo(a)pyrene

Concen: 38.209 ng

RT: 15.363 min Scan# 2256

Delta R.T. -0.018 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

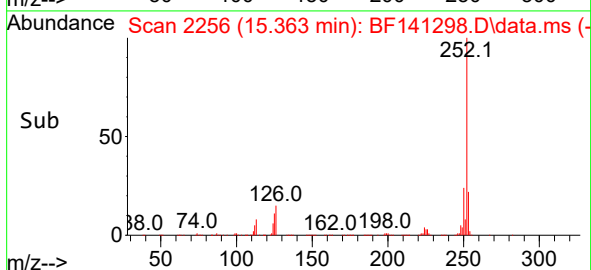
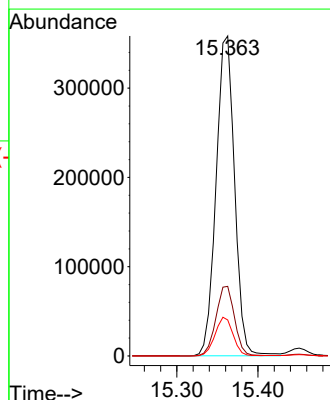
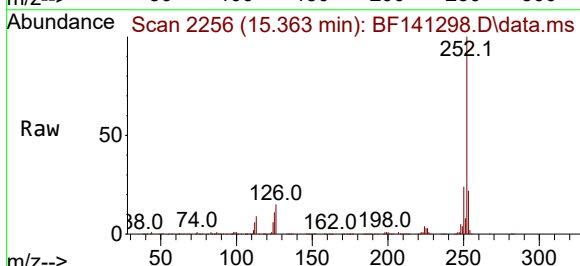
Tgt Ion:252 Resp: 567574

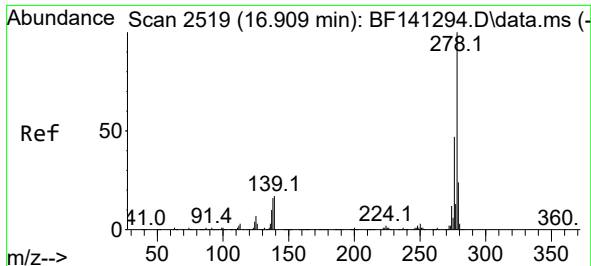
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 11.2 9.4 14.2

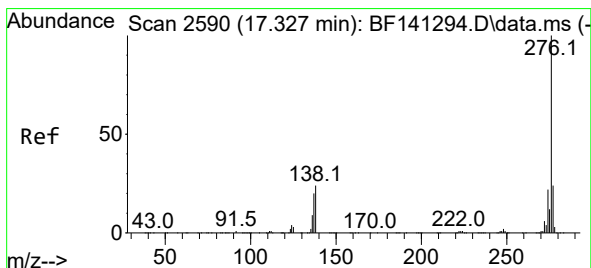
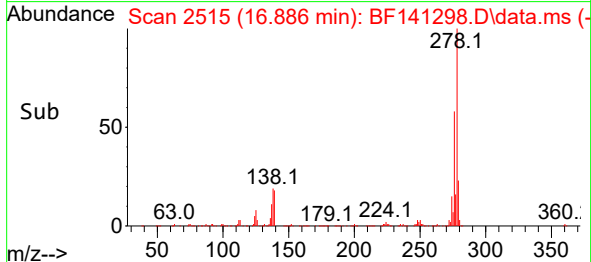
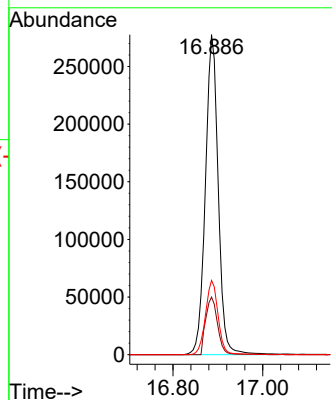
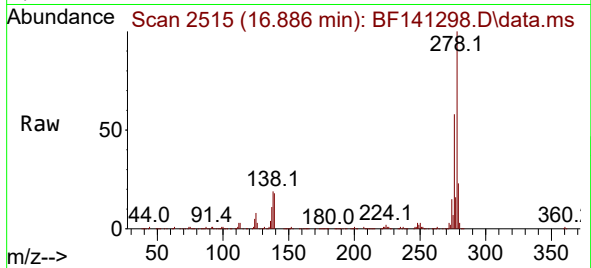




#91
Dibenzo(a,h)anthracene
Concen: 38.007 ng
RT: 16.886 min Scan# 2515
Delta R.T. -0.035 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

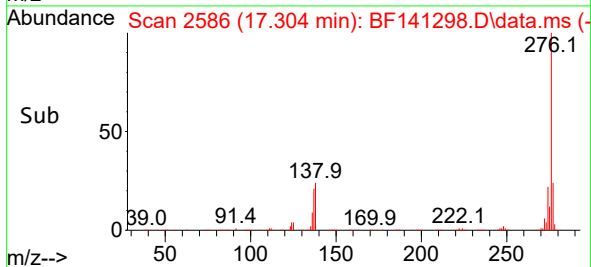
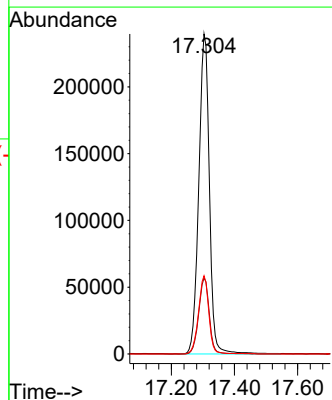
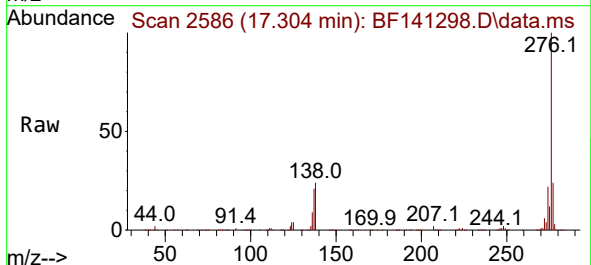
Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:278 Resp: 551534
Ion Ratio Lower Upper
278 100
139 18.0 13.9 20.9
279 23.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 37.101 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.041 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:276 Resp: 559807
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 24.4 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141319.D
 Acq On : 31 Jan 2025 09:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 31 10:53:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	153783	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	597989	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	319509	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	533134	20.000	ng	0.00
76) Chrysene-d12	13.968	240	330369	20.000	ng	0.00
86) Perylene-d12	15.421	264	300994	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	727699	72.646	ng	0.00
7) Phenol-d6	6.428	99	939281	73.709	ng	-0.01
23) Nitrobenzene-d5	7.363	82	838341	73.905	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	222491	75.957	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1447765	69.744	ng	0.00
79) Terphenyl-d14	12.916	244	1506599	70.329	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	161539	36.668	ng	100
3) Pyridine	3.210	79	407942	38.432	ng	100
4) n-Nitrosodimethylamine	3.169	42	229431	37.837	ng	100
6) Aniline	6.463	93	412360	38.228	ng	99
8) 2-Chlorophenol	6.581	128	397525	37.025	ng	99
9) Benzaldehyde	6.345	77	275501	37.325	ng	99
10) Phenol	6.439	94	500772	37.071	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	379050	36.597	ng	99
12) 1,3-Dichlorobenzene	6.739	146	432517	36.536	ng	99
13) 1,4-Dichlorobenzene	6.816	146	436984	36.744	ng	98
14) 1,2-Dichlorobenzene	6.969	146	401611	36.064	ng	99
15) Benzyl Alcohol	6.939	79	324647	37.279	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	664022	36.868	ng	100
17) 2-Methylphenol	7.051	107	313777	35.959	ng	99
18) Hexachloroethane	7.310	117	160992	36.695	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	269514	35.594	ng	98
20) 3+4-Methylphenols	7.204	107	391525	36.543	ng	97
22) Acetophenone	7.210	105	507679	35.716	ng	98
24) Nitrobenzene	7.381	77	435929	37.084	ng	100
25) Isophorone	7.622	82	727240	37.088	ng	99
26) 2-Nitrophenol	7.698	139	211813	38.206	ng	100
27) 2,4-Dimethylphenol	7.734	122	249010	35.288	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	461125	36.868	ng	100
29) 2,4-Dichlorophenol	7.939	162	318650	36.886	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	358109	36.298	ng	100
31) Naphthalene	8.104	128	1149392	36.385	ng	100
32) Benzoic acid	7.851	122	268867	41.447	ng	99
33) 4-Chloroaniline	8.151	127	392588	36.648	ng	99
34) Hexachlorobutadiene	8.222	225	212997	36.815	ng	99
35) Caprolactam	8.522	113	106833	37.866	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	344864	37.217	ng	98
37) 2-Methylnaphthalene	8.792	142	728000	36.258	ng	99
38) 1-Methylnaphthalene	8.892	142	710737	36.036	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	331758	36.498	ng	100
41) Hexachlorocyclopentadiene	8.945	237	106090	39.520	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	223224	37.520	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141319.D
 Acq On : 31 Jan 2025 09:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

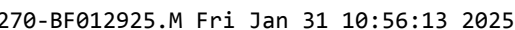
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 BNA_F
 ClientSampleId :
 SSTDCCC040

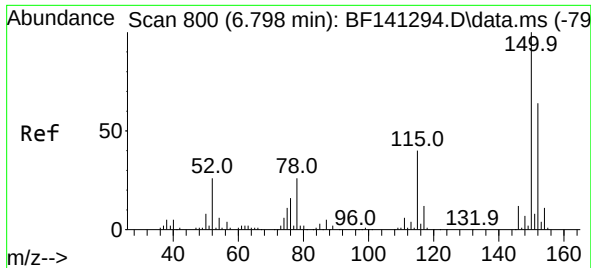
Quant Time: Jan 31 10:53:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	237426	36.666	ng	99
46) 1,1'-Biphenyl	9.257	154	897425	36.015	ng	100
47) 2-Chloronaphthalene	9.281	162	696645	35.869	ng	99
48) 2-Nitroaniline	9.380	65	233710	38.256	ng	98
49) Acenaphthylene	9.698	152	980054	36.048	ng	99
50) Dimethylphthalate	9.563	163	789847	36.602	ng	99
51) 2,6-Dinitrotoluene	9.622	165	188139	37.549	ng	99
52) Acenaphthene	9.875	154	714359	36.779	ng	100
53) 3-Nitroaniline	9.792	138	187747	38.231	ng	100
54) 2,4-Dinitrophenol	9.898	184	95612	41.050	ng	99
55) Dibenzofuran	10.045	168	945339	36.361	ng	100
56) 4-Nitrophenol	9.945	139	142865	39.779	ng	98
57) 2,4-Dinitrotoluene	10.028	165	247489	38.150	ng	99
58) Fluorene	10.386	166	723204	35.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	197432	38.756	ng	99
60) Diethylphthalate	10.263	149	779087	37.235	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	356042	36.144	ng	99
62) 4-Nitroaniline	10.404	138	185062	38.331	ng	99
63) Azobenzene	10.539	77	778507	37.170	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	135268	42.895	ng	99
66) n-Nitrosodiphenylamine	10.498	169	643501	37.318	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	224498	37.613	ng	99
68) Hexachlorobenzene	10.933	284	237426	37.501	ng	100
69) Atrazine	11.027	200	203394	35.279	ng	98
70) Pentachlorophenol	11.127	266	157156	42.389	ng	99
71) Phenanthrene	11.351	178	1070271	37.346	ng	100
72) Anthracene	11.404	178	1060701	37.774	ng	100
73) Carbazole	11.557	167	947189	38.041	ng	99
74) Di-n-butylphthalate	11.892	149	1180612	39.126	ng	100
75) Fluoranthene	12.539	202	1112201	39.305	ng	100
77) Benzidine	12.663	184	508814	48.042	ng	99
78) Pyrene	12.769	202	1120815	35.343	ng	99
80) Butylbenzylphthalate	13.392	149	430451	38.853	ng	99
81) Benzo(a)anthracene	13.957	228	772115	33.869	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	258352	35.631	ng	100
83) Chrysene	13.992	228	763560	36.546	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	545048	38.782	ng	99
85) Di-n-octyl phthalate	14.568	149	843000	38.619	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	742134	38.201	ng	100
88) Benzo(b)fluoranthene	15.004	252	697649	36.848	ng	100
89) Benzo(k)fluoranthene	15.033	252	665836	39.698	ng	100
90) Benzo(a)pyrene	15.362	252	602926	37.684	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	594869	38.060	ng	99
92) Benzo(g,h,i)perylene	17.309	276	622871	38.327	ng	99

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

Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

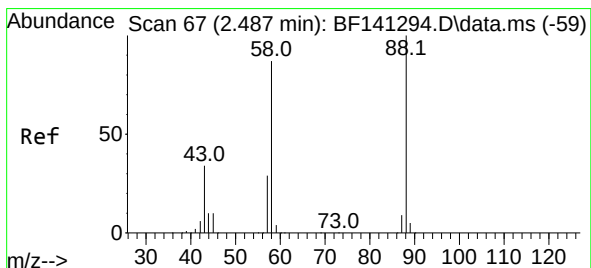
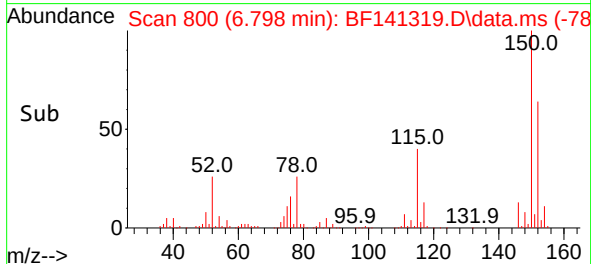
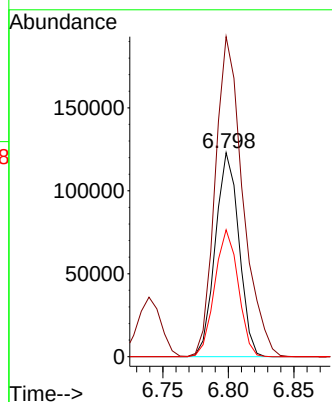
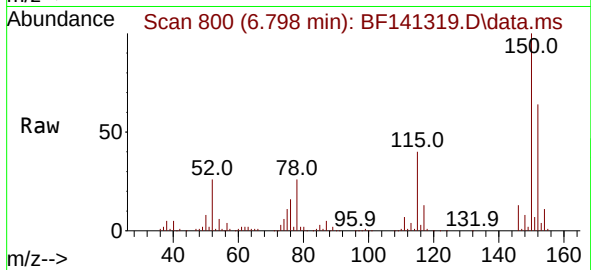




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141319.D
 Acq: 31 Jan 2025 09:22

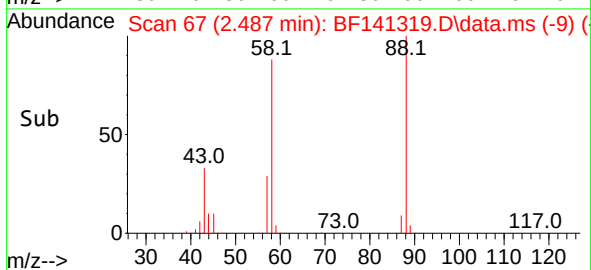
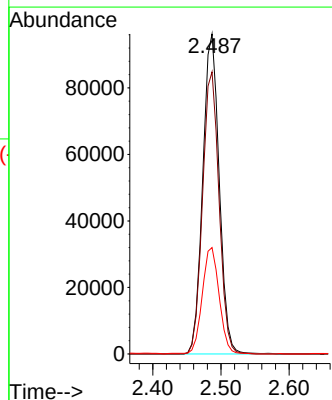
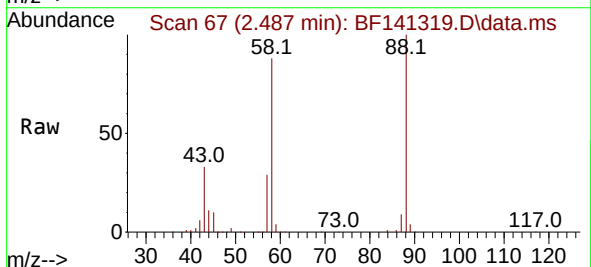
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

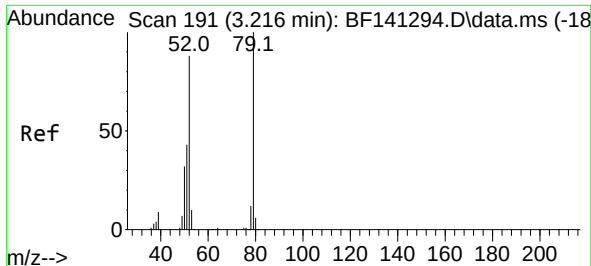
Tgt Ion:152 Resp: 153783
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.9 188.9
 115 62.2 49.7 74.5



#2
 1,4-Dioxane
 Concen: 36.668 ng
 RT: 2.487 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BF141319.D
 Acq: 31 Jan 2025 09:22

Tgt Ion: 88 Resp: 161539
 Ion Ratio Lower Upper
 88 100
 58 88.2 70.2 105.4
 43 34.3 27.6 41.4

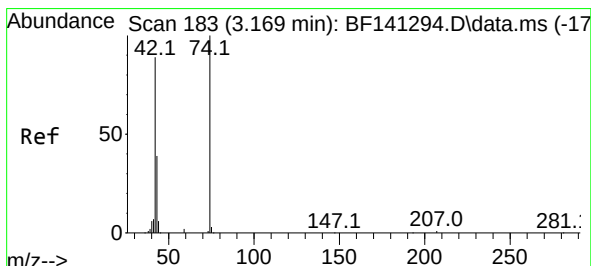
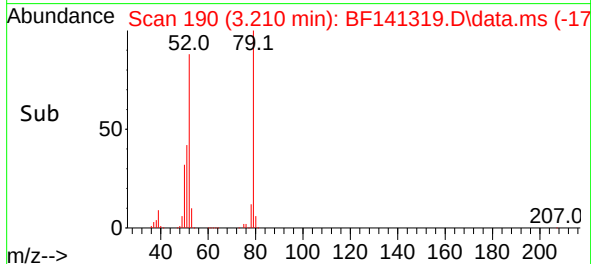
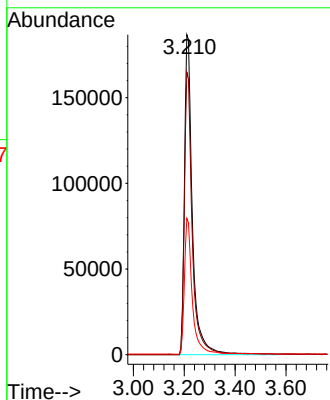
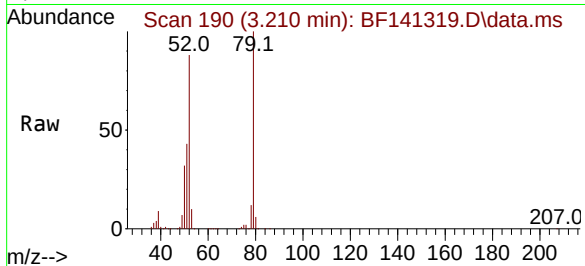




#3
Pyridine
Concen: 38.432 ng
RT: 3.210 min Scan# 191
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

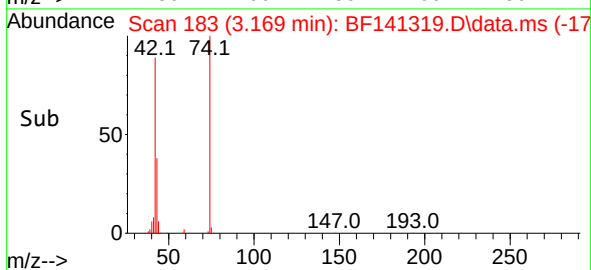
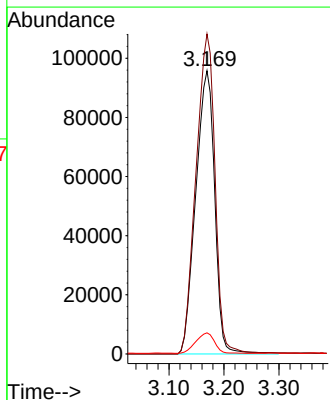
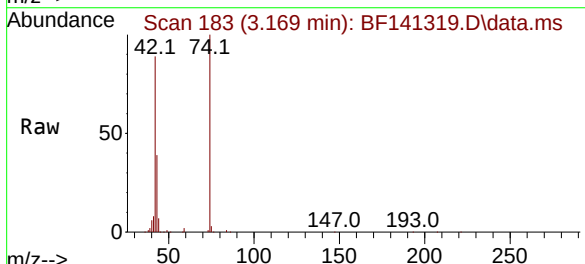
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

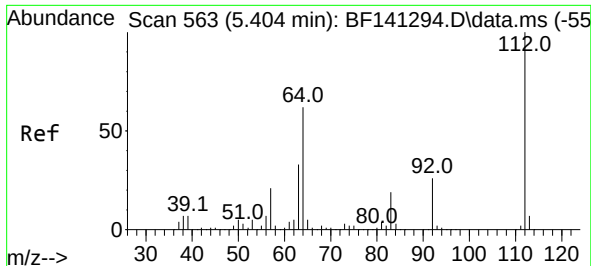
Tgt Ion: 79 Resp: 407942
Ion Ratio Lower Upper
79 100
52 88.3 70.3 105.5
51 42.5 34.3 51.5



#4
n-Nitrosodimethylamine
Concen: 37.837 ng
RT: 3.169 min Scan# 183
Delta R.T. -0.030 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 42 Resp: 229431
Ion Ratio Lower Upper
42 100
74 113.0 90.3 135.5
44 7.5 5.7 8.5

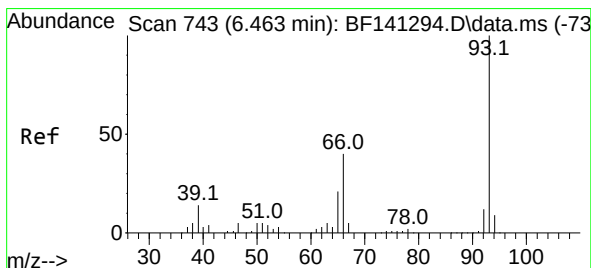
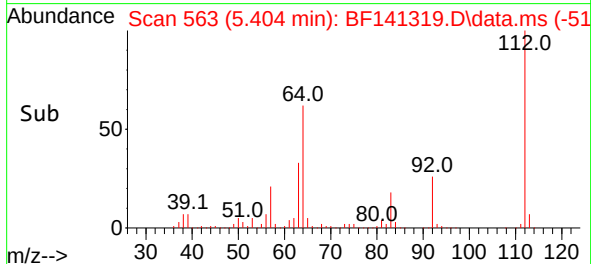
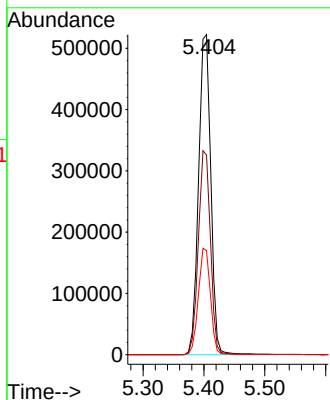
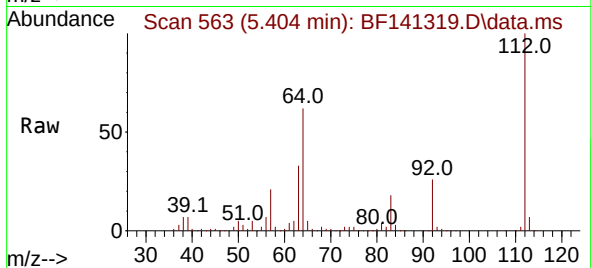




#5
2-Fluorophenol
Concen: 72.646 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

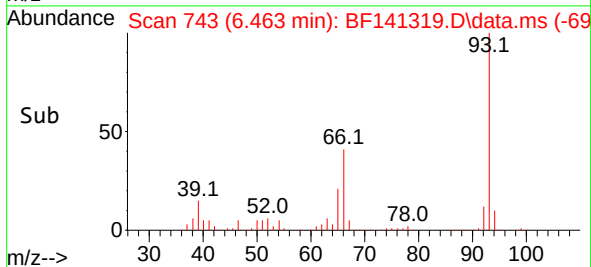
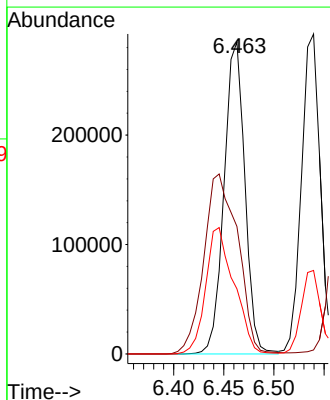
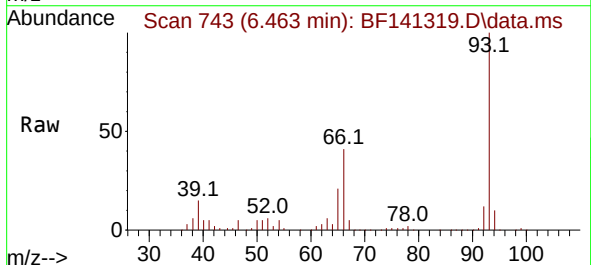
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

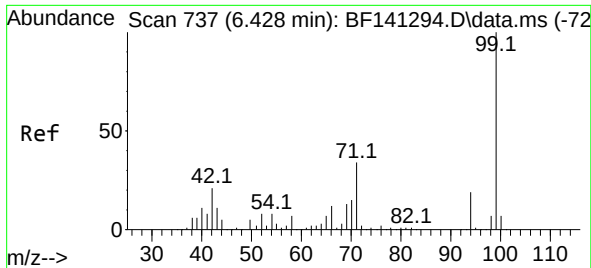
Tgt Ion:112 Resp: 727699
Ion Ratio Lower Upper
112 100
64 62.4 49.8 74.8
63 32.5 26.1 39.1



#6
Aniline
Concen: 38.228 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 93 Resp: 412360
Ion Ratio Lower Upper
93 100
66 40.9 32.5 48.7
65 20.9 17.0 25.6

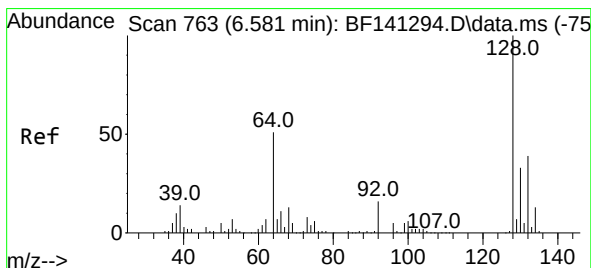
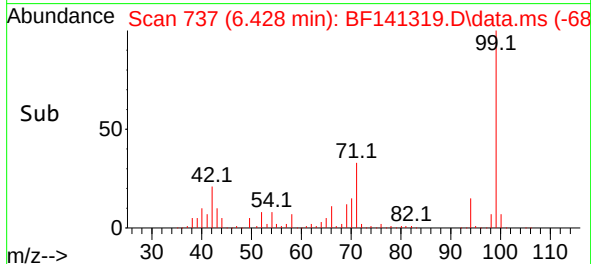
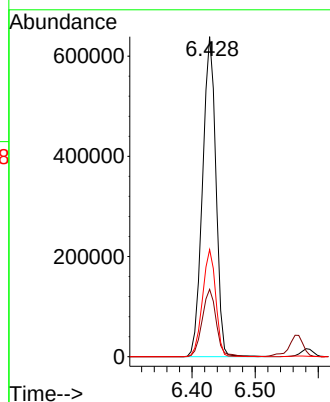
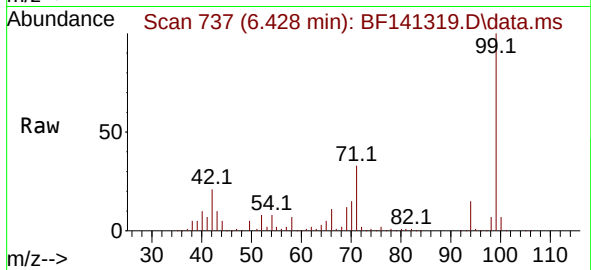




#7
Phenol-d6
Concen: 73.709 ng
RT: 6.428 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

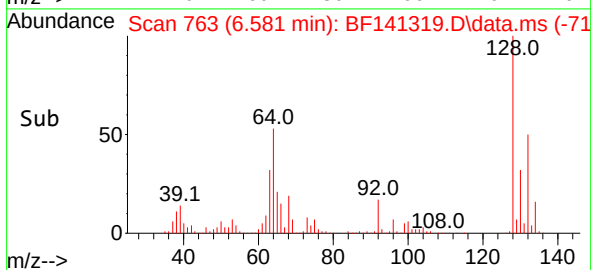
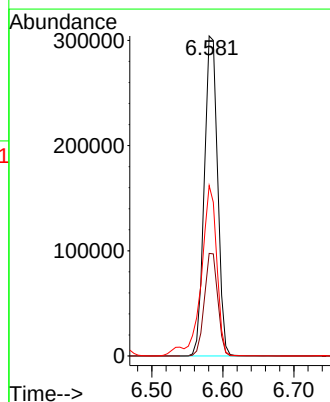
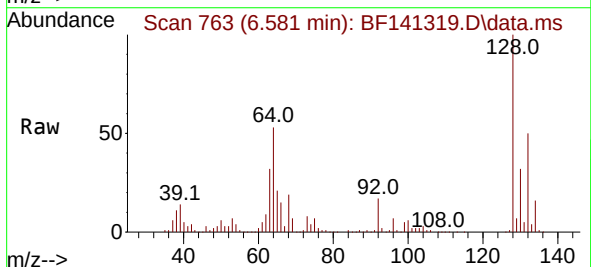
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

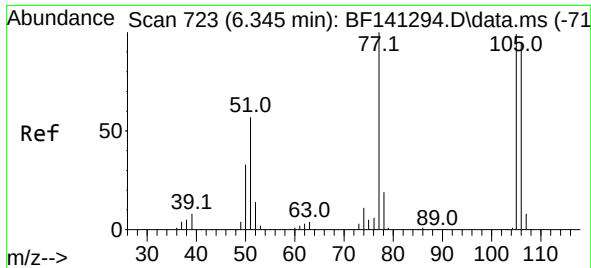
Tgt Ion: 99 Resp: 939281
Ion Ratio Lower Upper
99 100
42 21.1 17.1 25.7
71 33.4 26.9 40.3



#8
2-Chlorophenol
Concen: 37.025 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:128 Resp: 397525
Ion Ratio Lower Upper
128 100
130 32.0 12.5 52.5
64 53.2 32.9 72.9





#9

Benzaldehyde

Concen: 37.325 ng

RT: 6.345 min Scan# 723

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

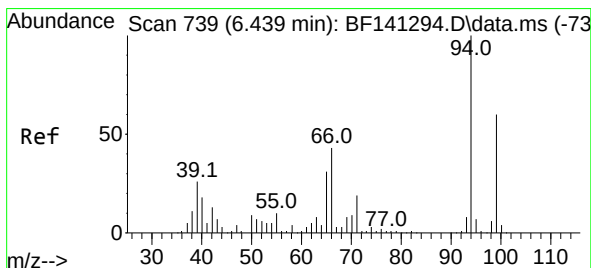
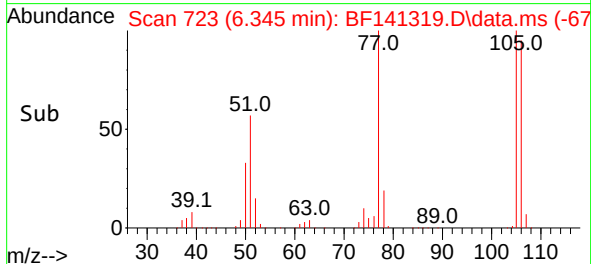
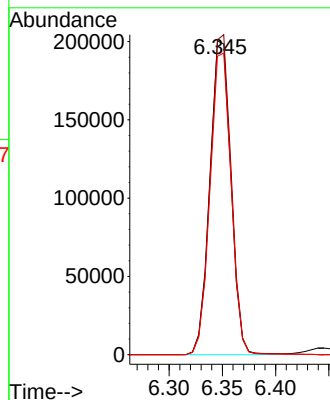
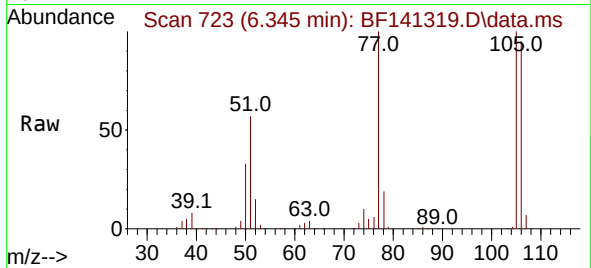
Tgt Ion: 77 Resp: 275501

Ion Ratio Lower Upper

77 100

105 100.4 79.4 119.4

106 95.1 74.6 114.6



#10

Phenol

Concen: 37.071 ng

RT: 6.439 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

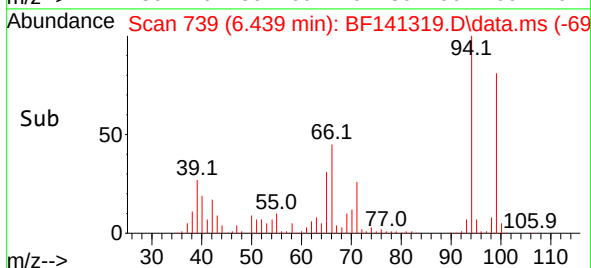
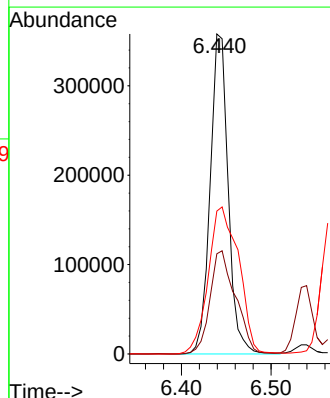
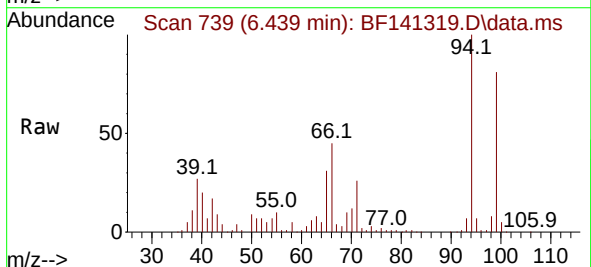
Tgt Ion: 94 Resp: 500772

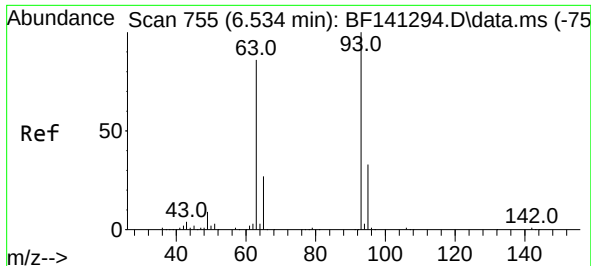
Ion Ratio Lower Upper

94 100

65 31.3 10.8 50.8

66 44.7 23.3 63.3





#11

bis(2-Chloroethyl)ether

Concen: 36.597 ng

RT: 6.540 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

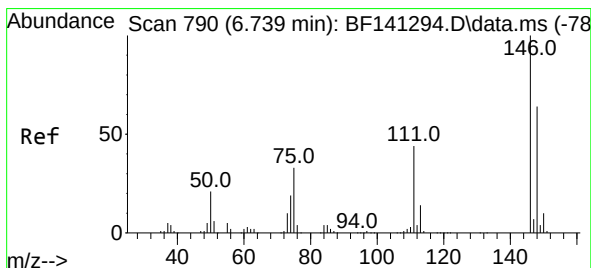
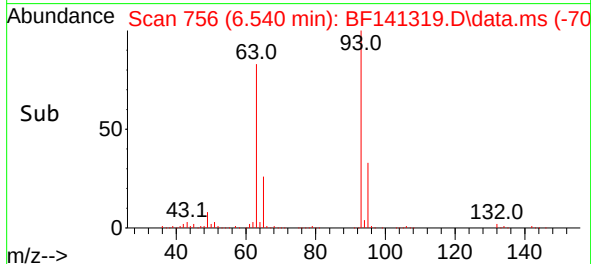
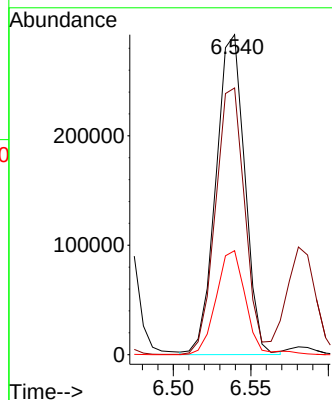
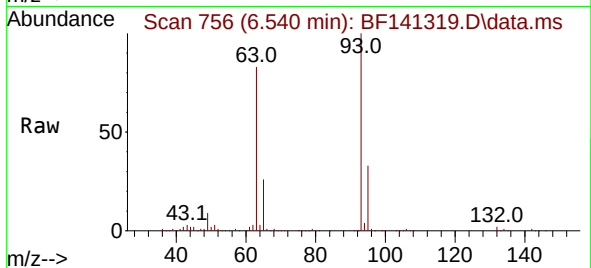
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 379050

Ion	Ratio	Lower	Upper
93	100		
63	83.3	65.0	105.0
95	32.5	12.4	52.4



#12

1,3-Dichlorobenzene

Concen: 36.536 ng

RT: 6.739 min Scan# 790

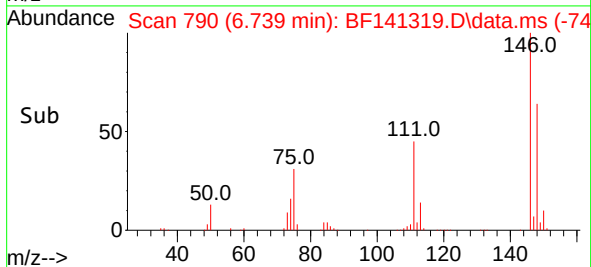
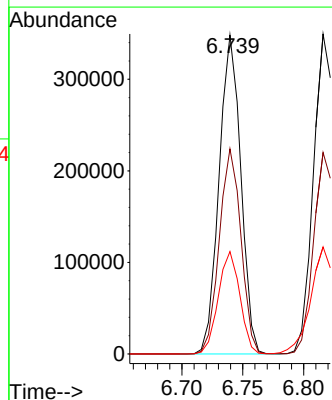
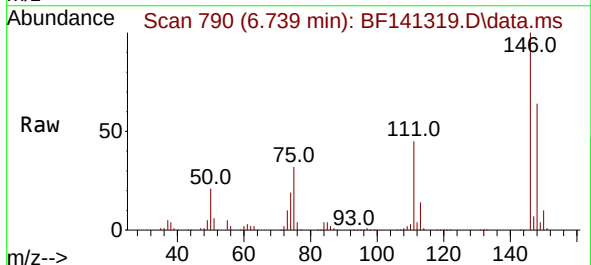
Delta R.T. -0.006 min

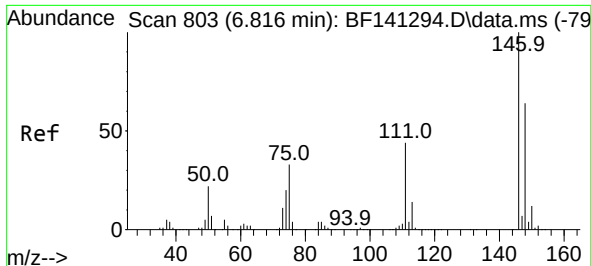
Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Tgt Ion: 146 Resp: 432517

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
75	32.1	26.2	39.4





#13

1,4-Dichlorobenzene

Concen: 36.744 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

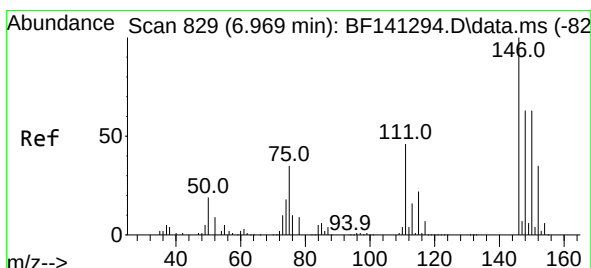
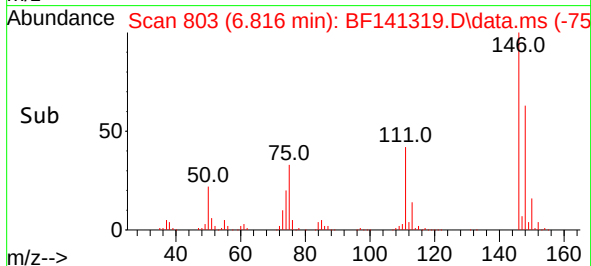
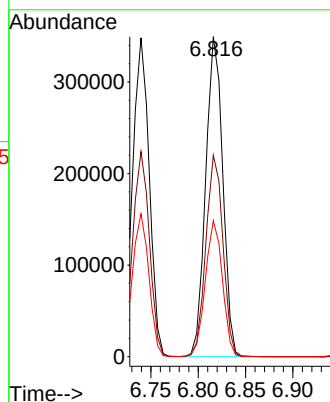
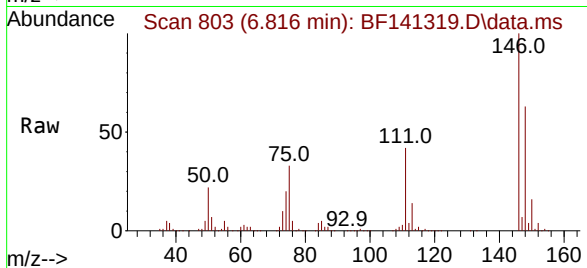
Tgt Ion:146 Resp: 436984

Ion Ratio Lower Upper

146 100

148 63.0 51.2 76.8

111 42.5 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 36.064 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

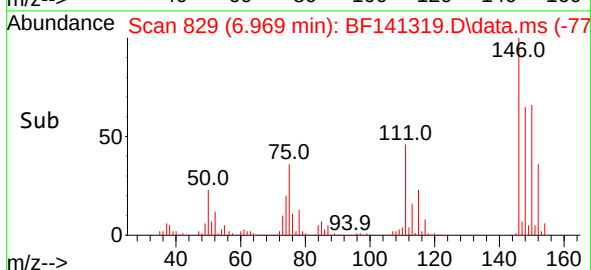
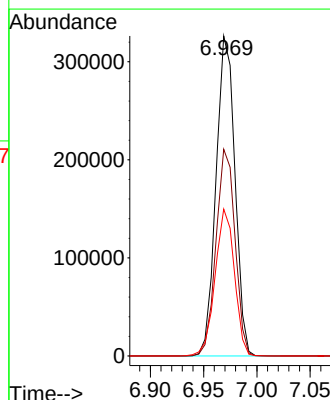
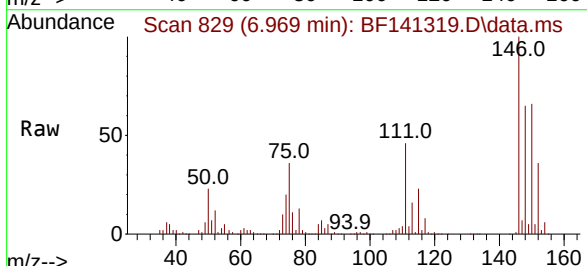
Tgt Ion:146 Resp: 401611

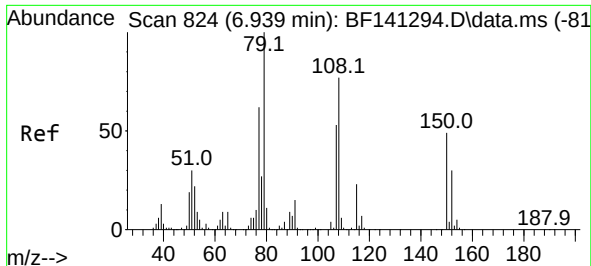
Ion Ratio Lower Upper

146 100

148 64.6 50.5 75.7

111 45.9 36.6 55.0

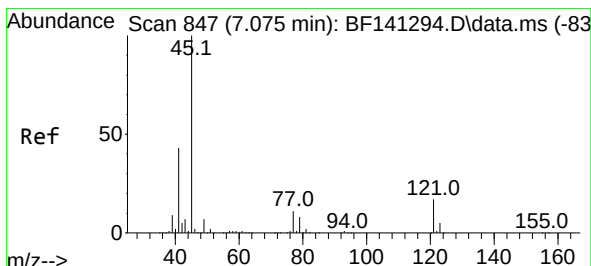
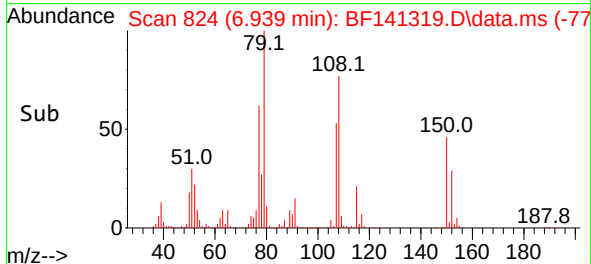
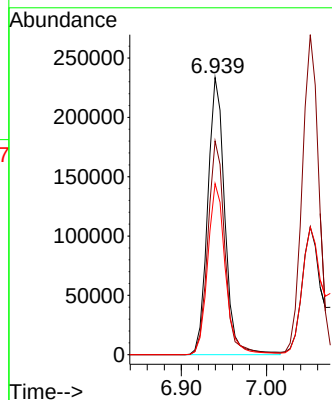
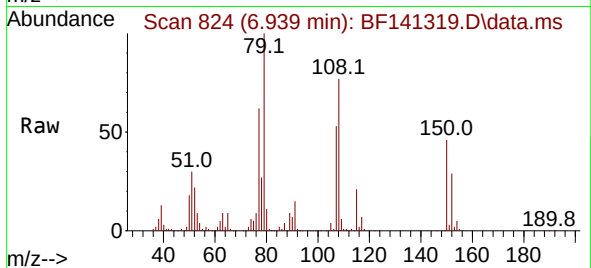




#15
Benzyl Alcohol
Concen: 37.279 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

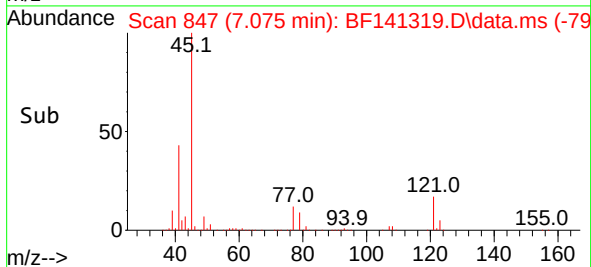
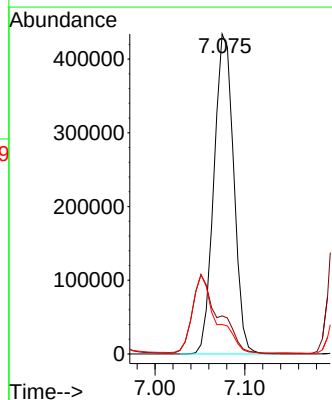
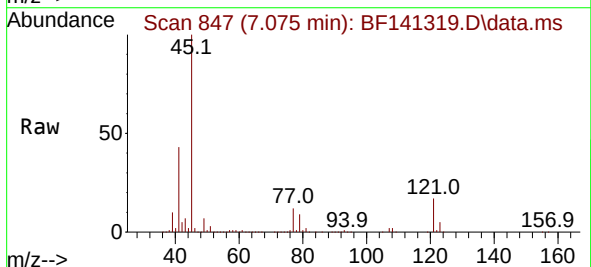
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

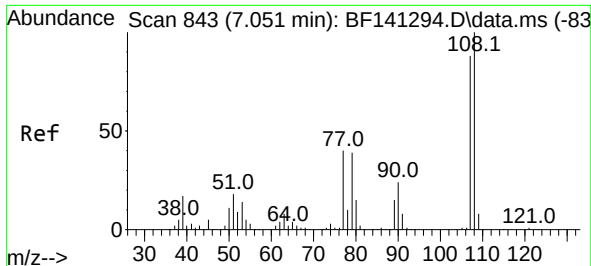
Tgt Ion: 79 Resp: 324647
Ion Ratio Lower Upper
79 100
108 77.1 61.4 92.0
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.868 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 45 Resp: 664022
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.8
79 9.2 0.0 29.1

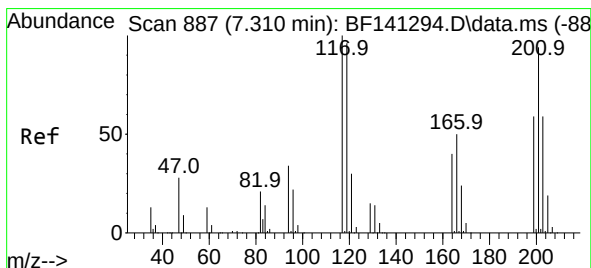
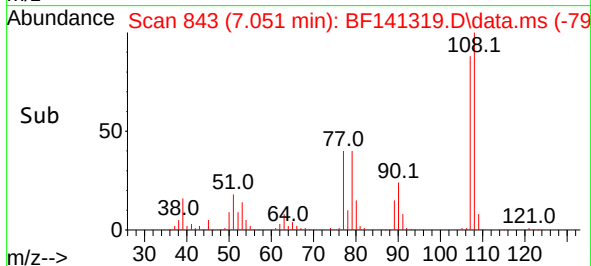
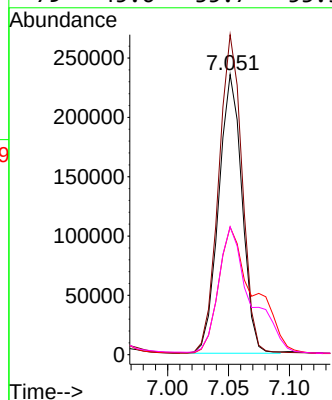
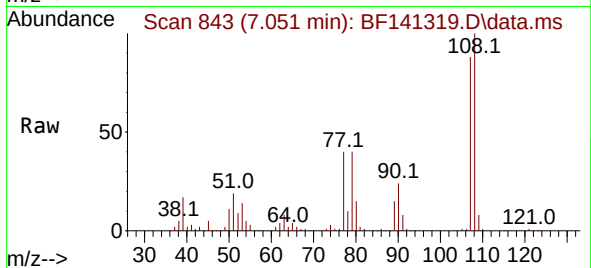




#17
2-Methylphenol
Concen: 35.959 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

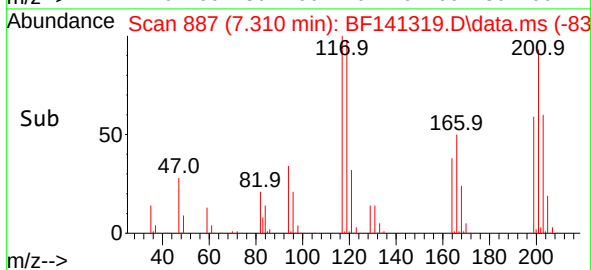
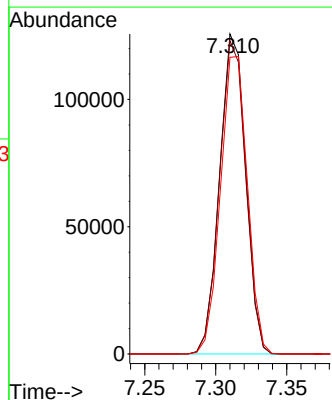
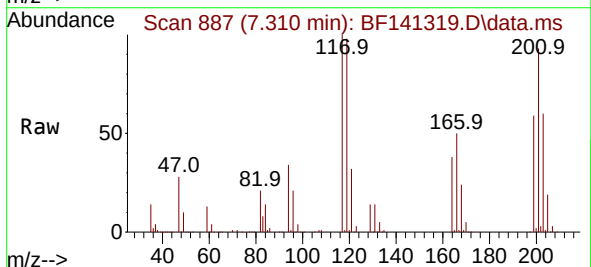
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

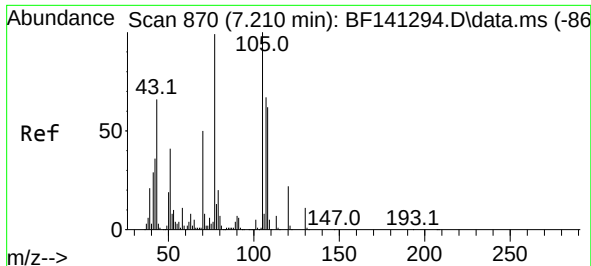
Tgt Ion:	107	Resp:	313777
Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.8	136.2
77	45.6	36.2	54.4
79	45.6	35.7	53.5



#18
Hexachloroethane
Concen: 36.695 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:	117	Resp:	160992
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.6	114.8
201	92.7	74.8	112.2

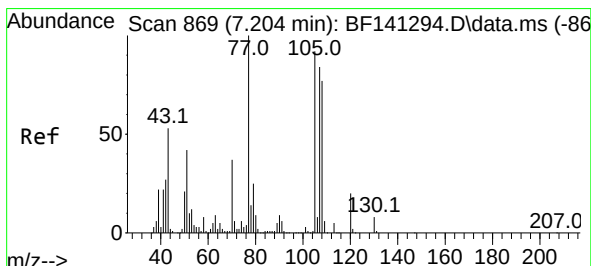
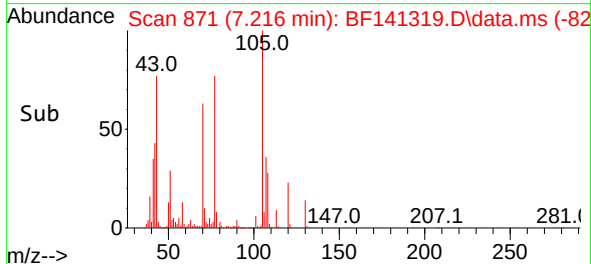
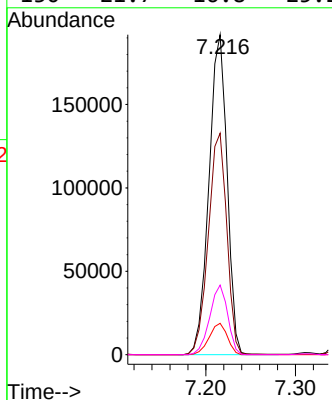
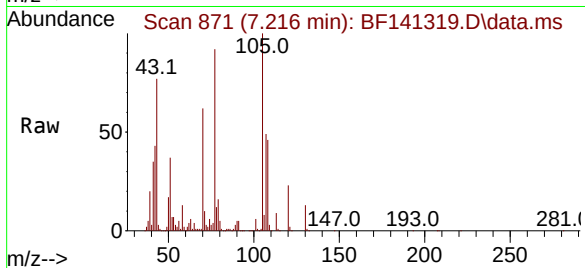




#19
n-Nitroso-di-n-propylamine
Concen: 35.594 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

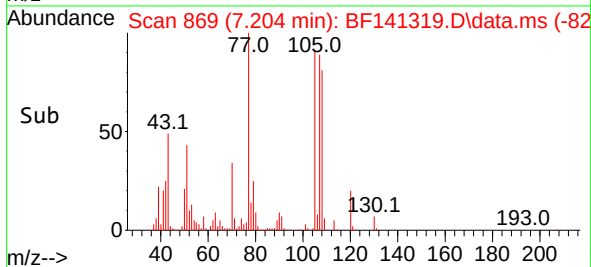
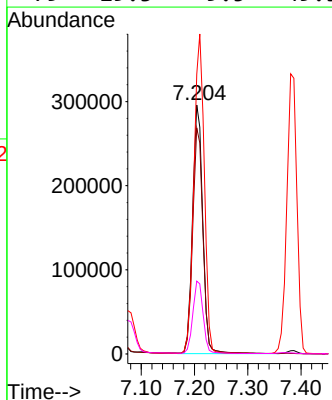
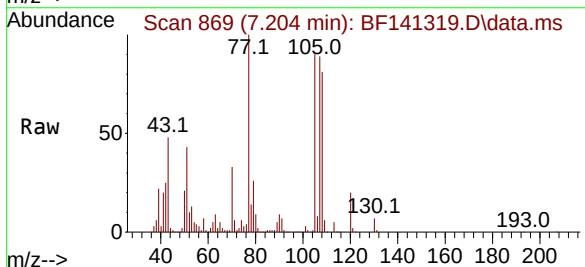
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

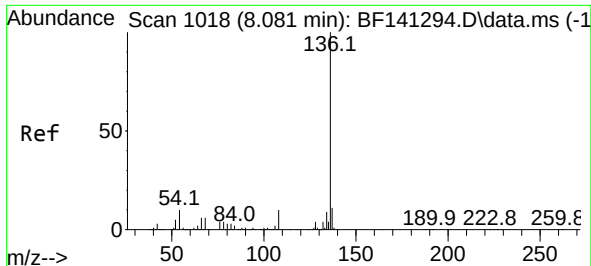
Tgt Ion: 70 Resp: 269514
Ion Ratio Lower Upper
70 100
42 69.2 56.8 85.2
101 9.8 7.7 11.5
130 21.7 16.8 25.2



#20
3+4-Methylphenols
Concen: 36.543 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 107 Resp: 391525
Ion Ratio Lower Upper
107 100
108 90.7 70.9 110.9
77 112.3 98.5 138.5
79 29.3 9.5 49.5



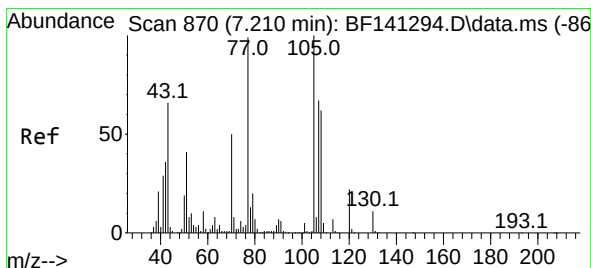
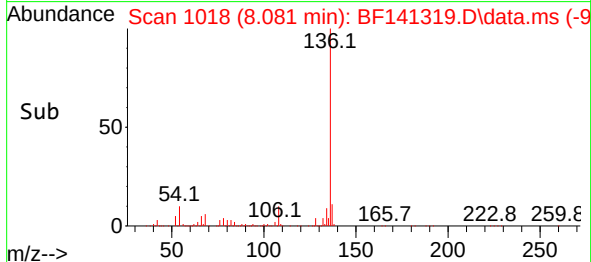
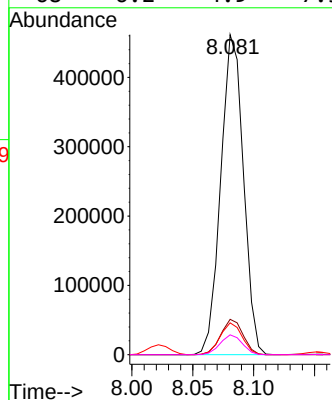
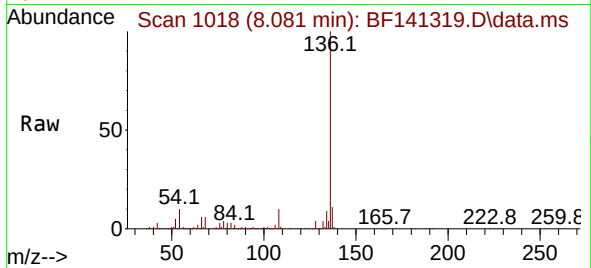


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 597989

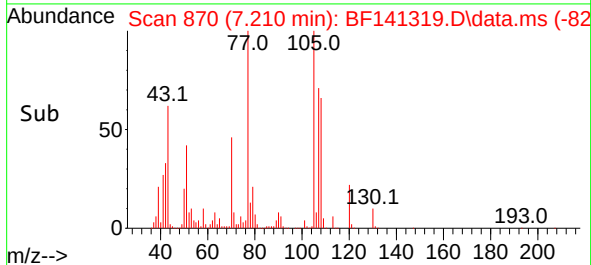
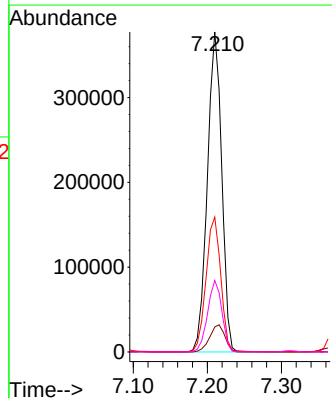
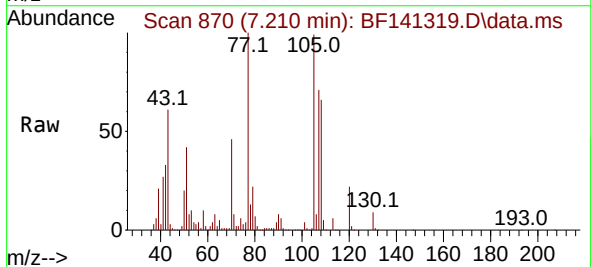
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.0	7.8	11.8
68	6.2	4.9	7.3

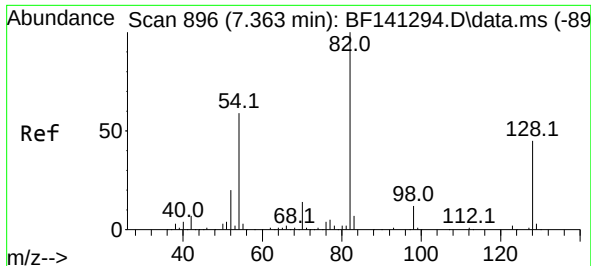


#22
Acetophenone
Concen: 35.716 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:105 Resp: 507679

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.8	10.2
51	42.2	32.6	49.0
120	22.4	17.4	26.0





#23

Nitrobenzene-d5

Concen: 73.905 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

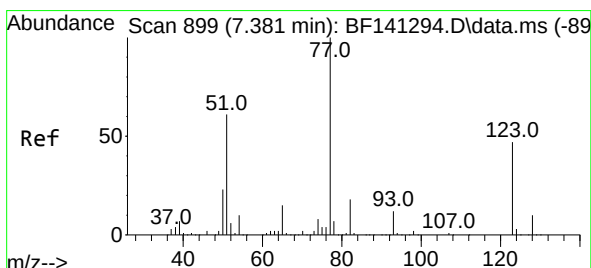
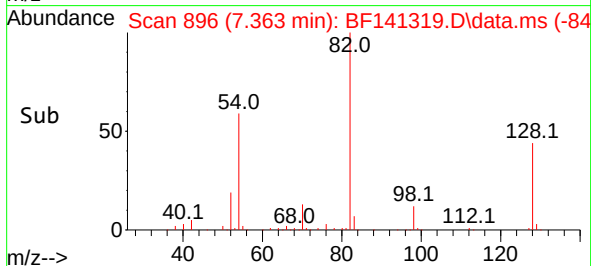
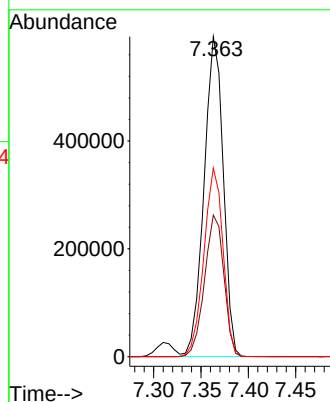
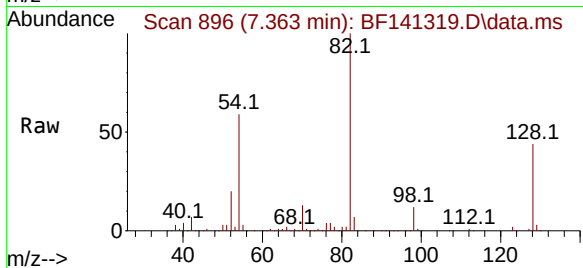
Tgt Ion: 82 Resp: 838341

Ion Ratio Lower Upper

82 100

128 44.2 35.7 53.5

54 59.0 47.1 70.7



#24

Nitrobenzene

Concen: 37.084 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

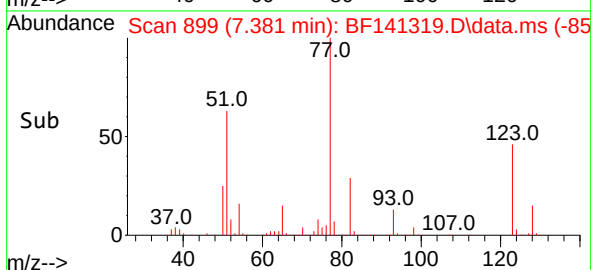
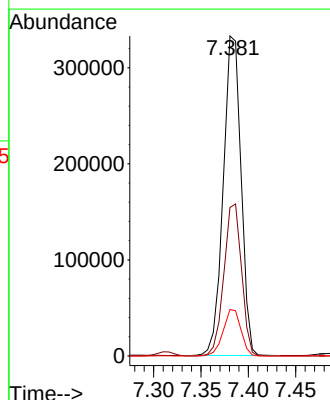
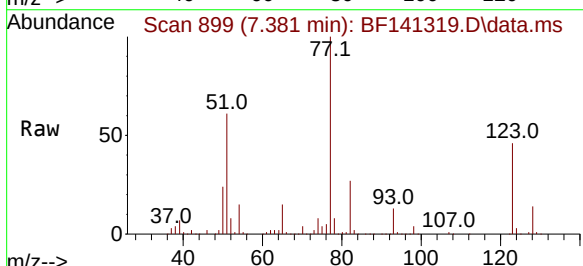
Tgt Ion: 77 Resp: 435929

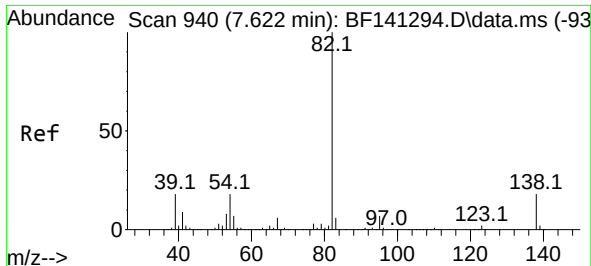
Ion Ratio Lower Upper

77 100

123 46.4 37.3 55.9

65 14.5 11.8 17.6

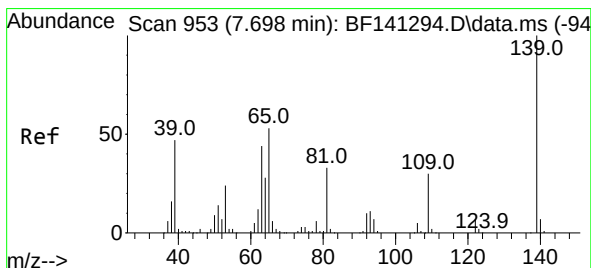
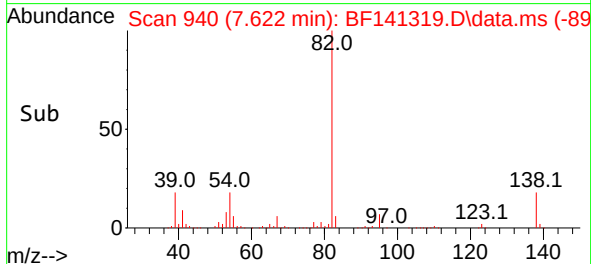
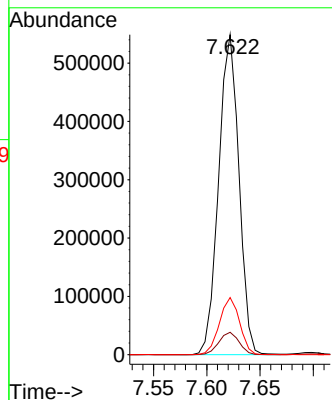
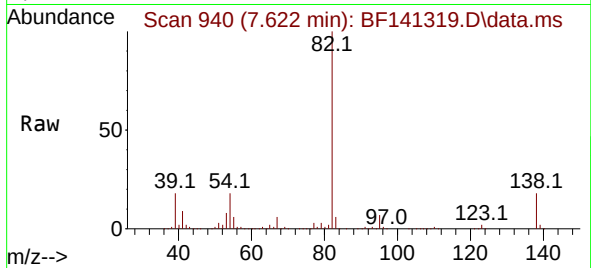




#25
Isophorone
Concen: 37.088 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

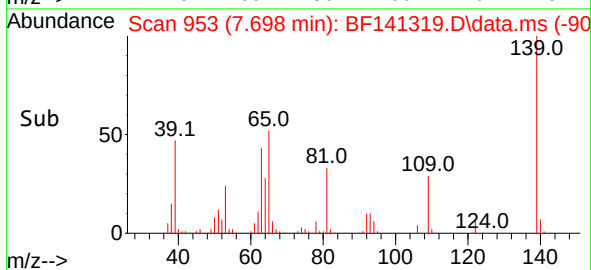
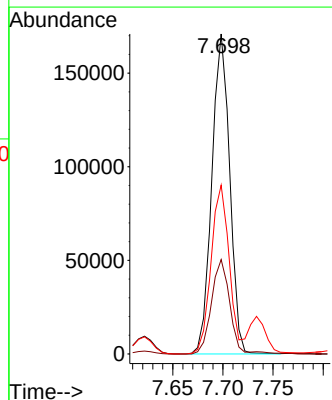
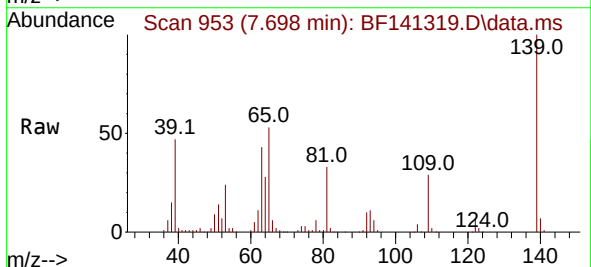
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

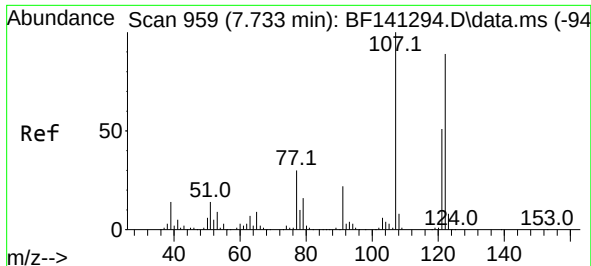
Tgt Ion: 82 Resp: 727240
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 17.9 14.7 22.1



#26
2-Nitrophenol
Concen: 38.206 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 139 Resp: 211813
Ion Ratio Lower Upper
139 100
109 29.5 23.8 35.6
65 52.8 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 35.288 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

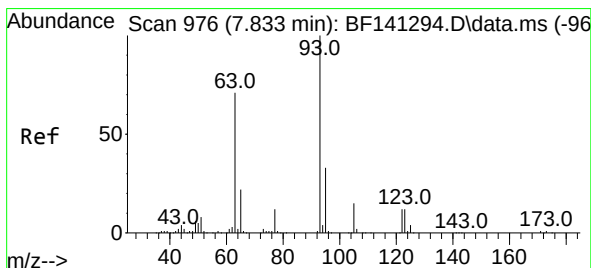
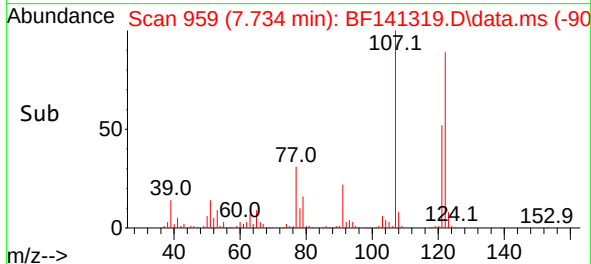
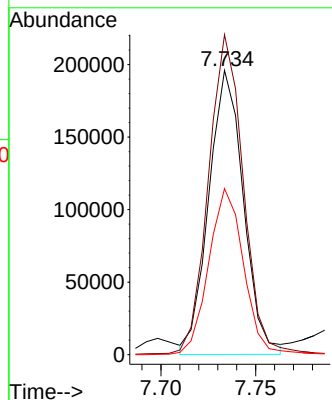
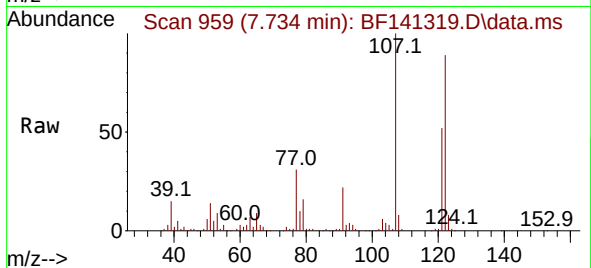
Tgt Ion:122 Resp: 249010

Ion Ratio Lower Upper

122 100

107 112.6 89.9 134.9

121 58.4 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 36.868 ng

RT: 7.834 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

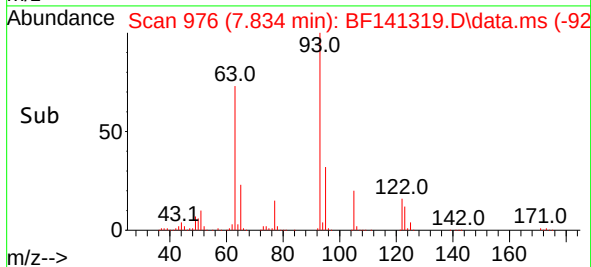
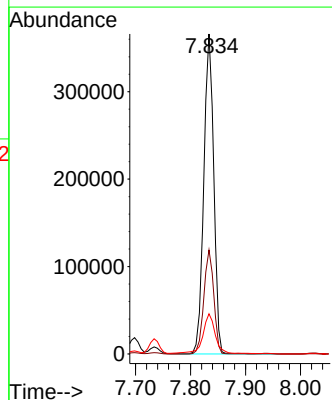
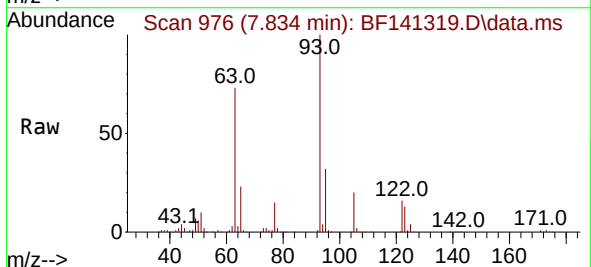
Tgt Ion: 93 Resp: 461125

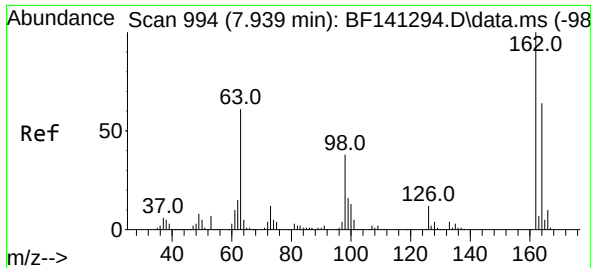
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 36.886 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

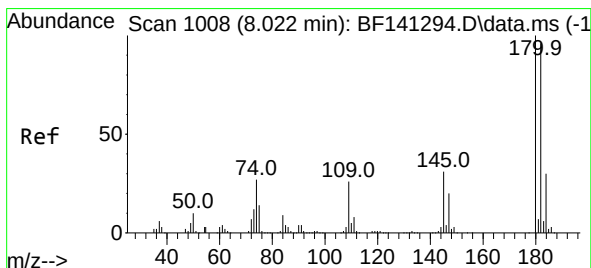
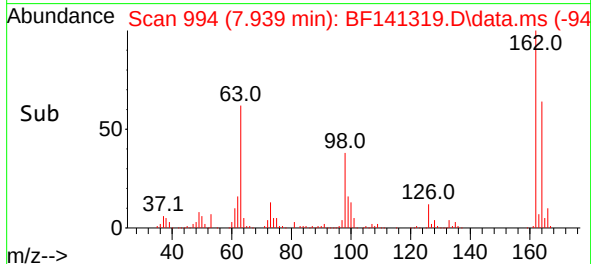
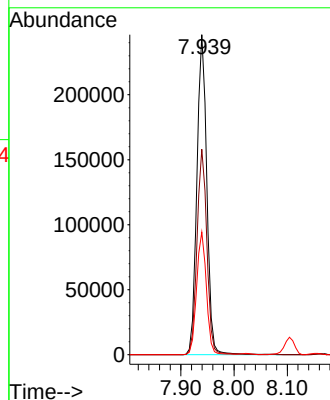
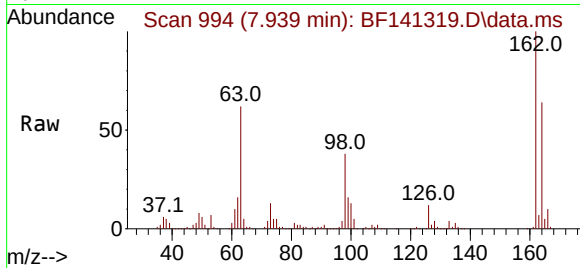
Tgt Ion:162 Resp: 318650

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

98 38.3 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 36.298 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

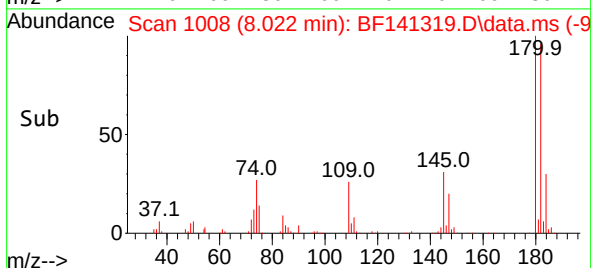
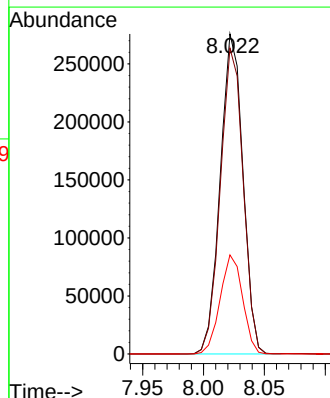
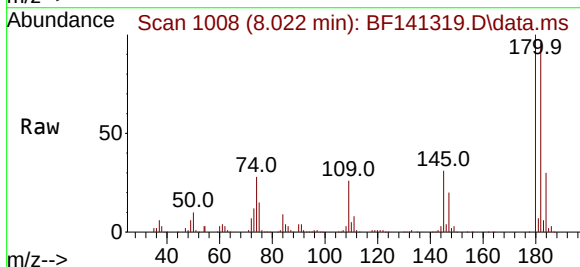
Tgt Ion:180 Resp: 358109

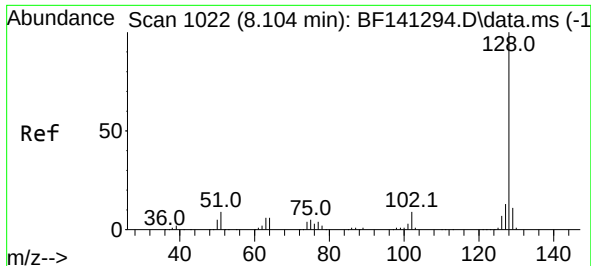
Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

145 30.9 24.9 37.3

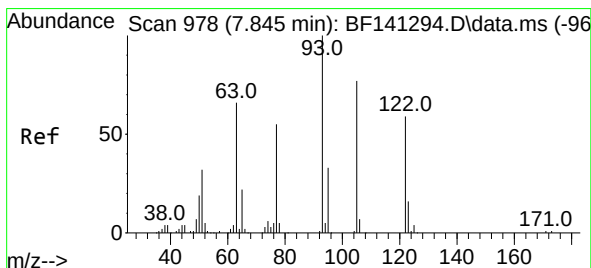
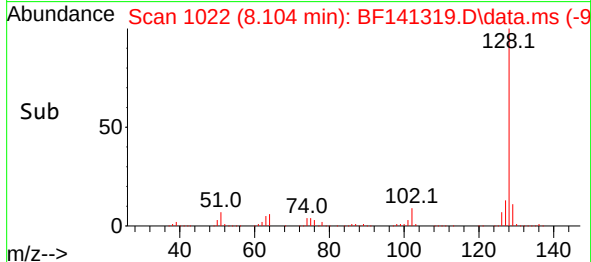
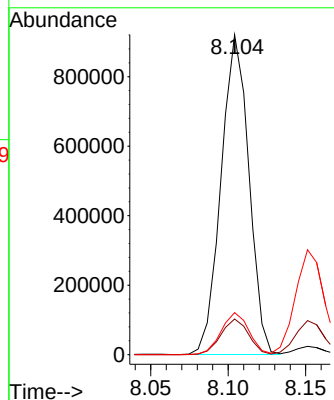
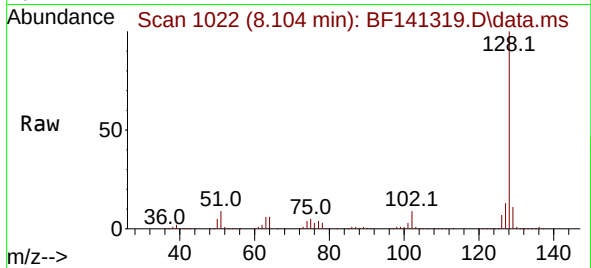




#31
Naphthalene
Concen: 36.385 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

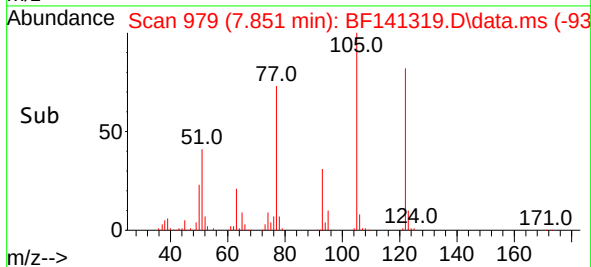
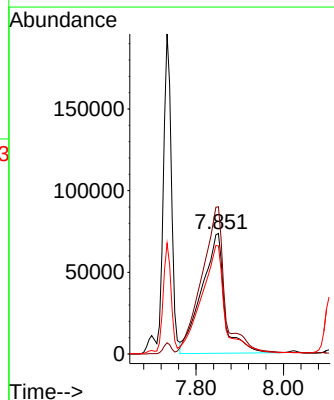
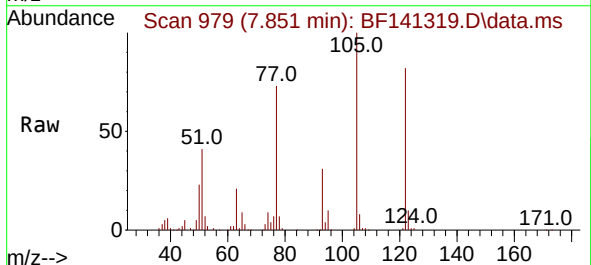
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

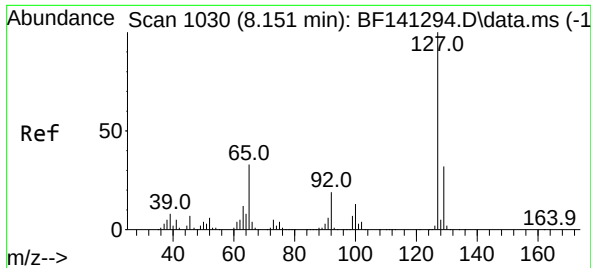
Tgt Ion:128 Resp: 1149392
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 41.447 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:122 Resp: 268867
Ion Ratio Lower Upper
122 100
105 122.1 103.4 143.4
77 89.6 70.9 110.9

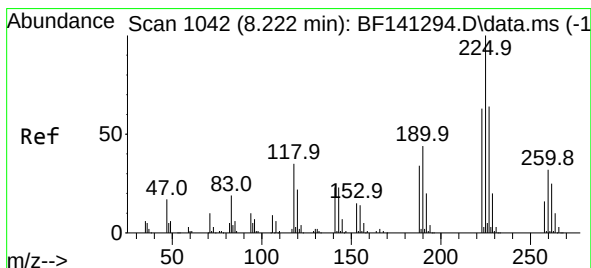
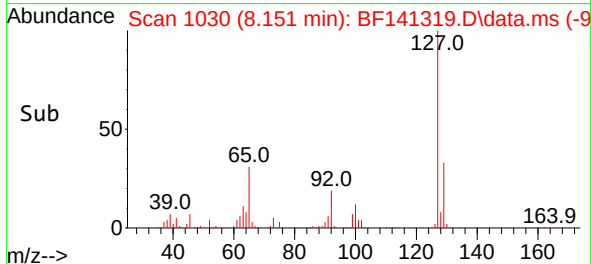
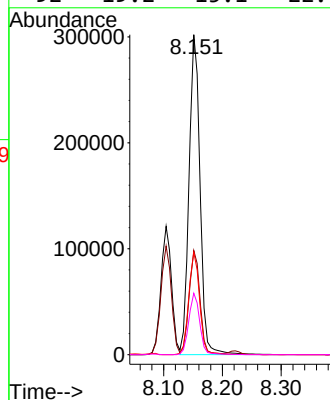
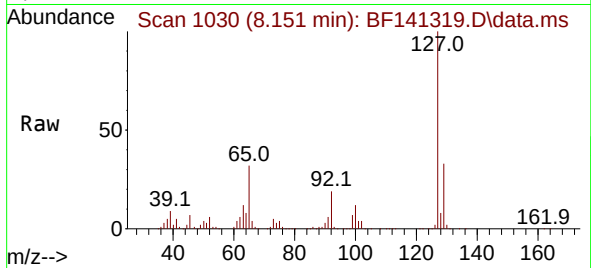




#33
4-Chloroaniline
Concen: 36.648 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

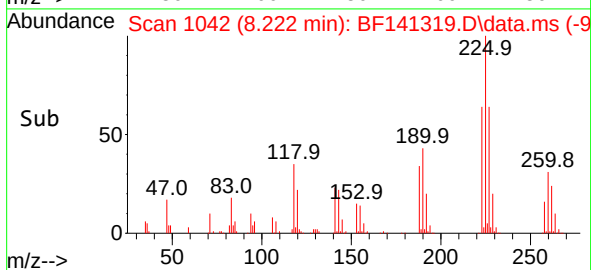
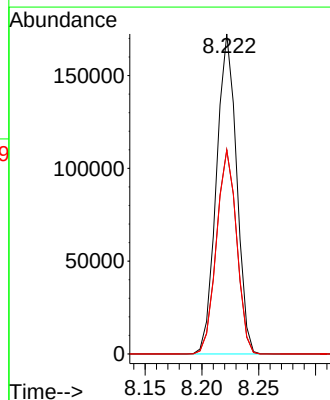
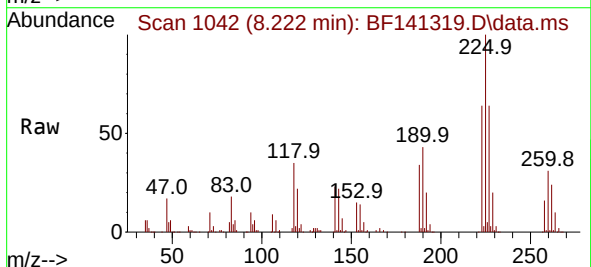
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

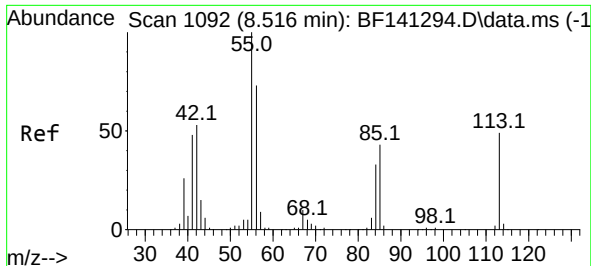
Tgt Ion:	127	Resp:	392588
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	32.0	26.4	39.6
92	19.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 36.815 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:	225	Resp:	212997
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	63.7	51.3	76.9

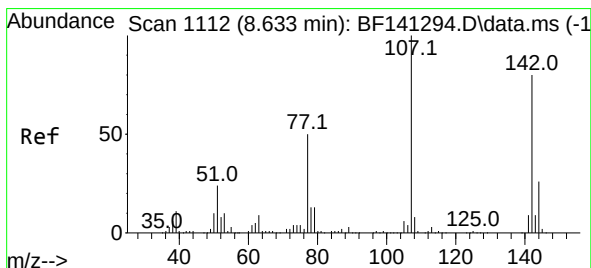
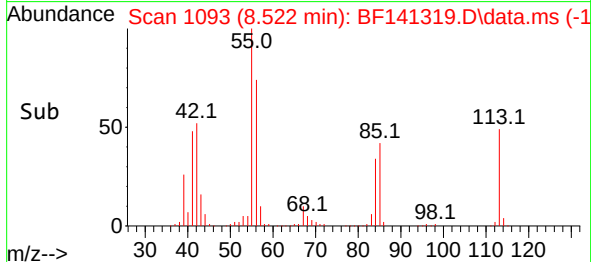
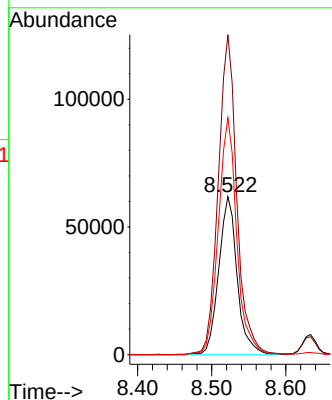
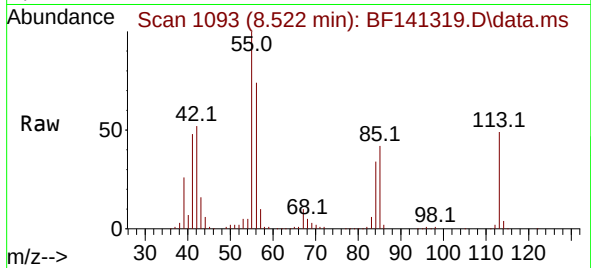




#35
 Caprolactam
 Concen: 37.866 ng
 RT: 8.522 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF141319.D
 Acq: 31 Jan 2025 09:22

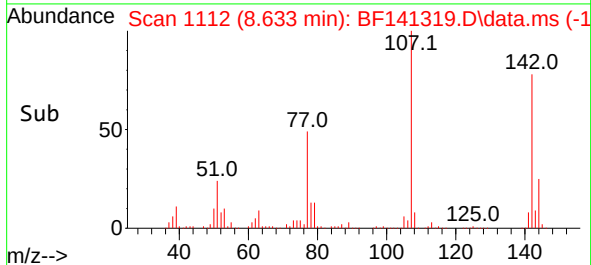
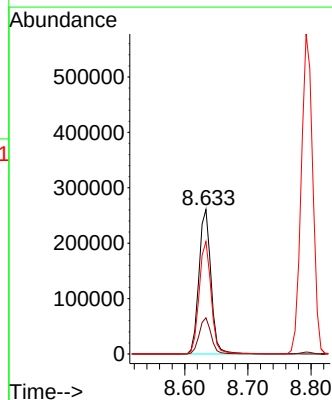
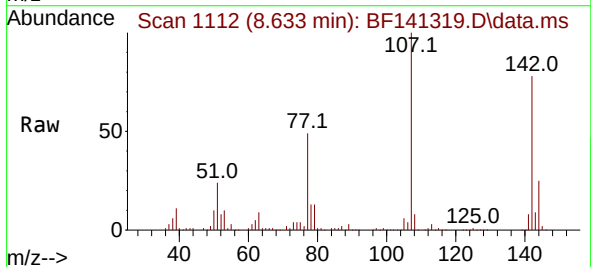
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

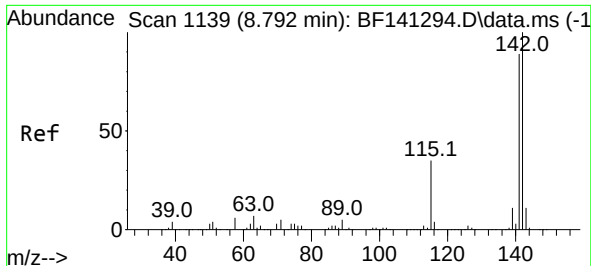
Tgt Ion:113 Resp: 106833
 Ion Ratio Lower Upper
 113 100
 55 202.3 182.9 222.9
 56 149.8 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 37.217 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141319.D
 Acq: 31 Jan 2025 09:22

Tgt Ion:107 Resp: 344864
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.7 31.1
 142 77.9 63.8 95.8

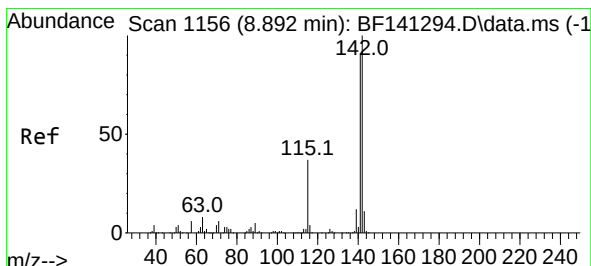
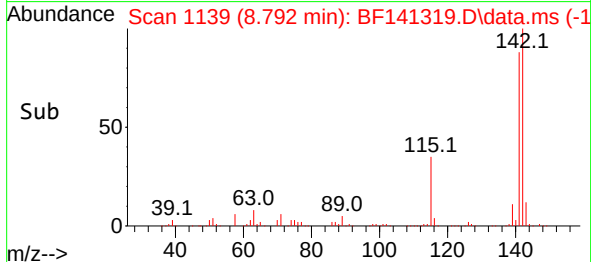
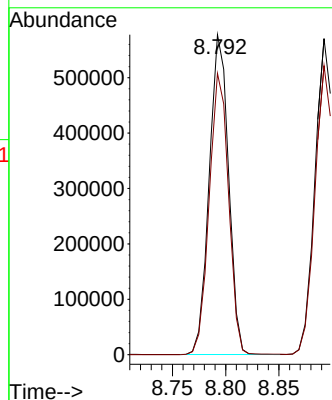
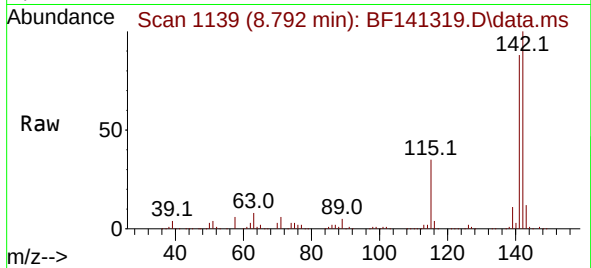




#37
2-Methylnaphthalene
Concen: 36.258 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

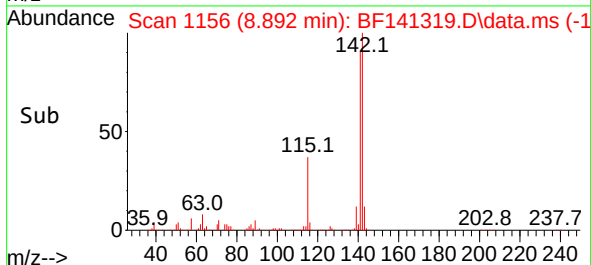
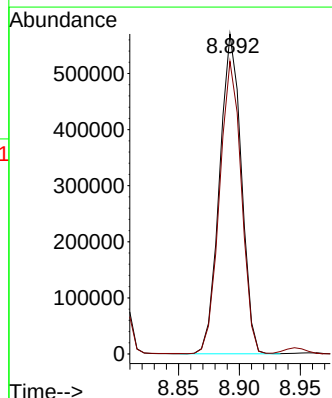
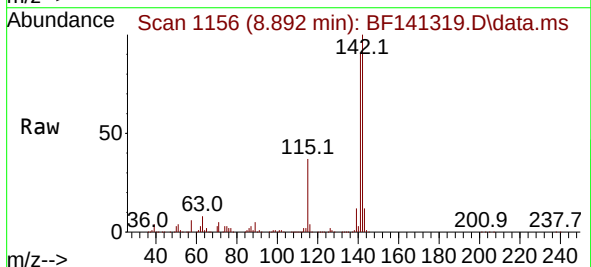
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

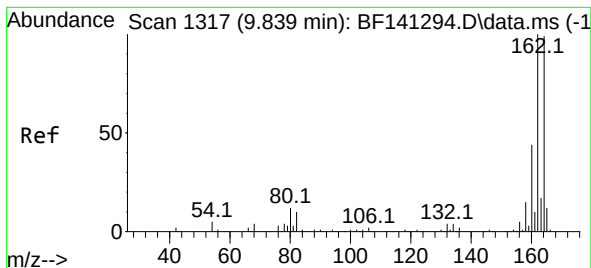
Tgt Ion:142 Resp: 728000
Ion Ratio Lower Upper
142 100
141 87.9 71.3 106.9



#38
1-Methylnaphthalene
Concen: 36.036 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:142 Resp: 710737
Ion Ratio Lower Upper
142 100
141 91.4 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

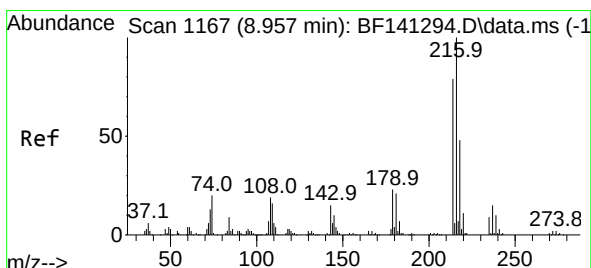
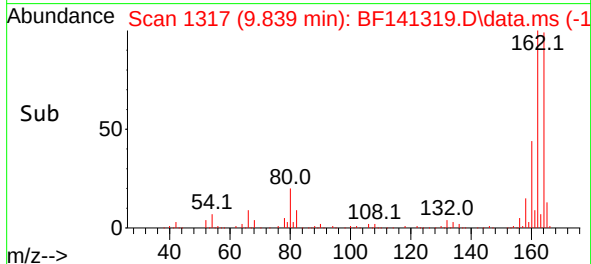
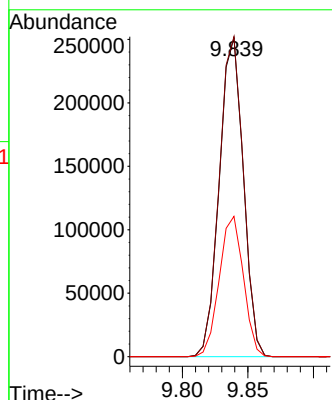
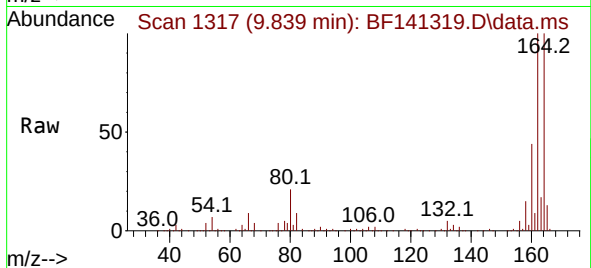
Tgt Ion:164 Resp: 319509

Ion Ratio Lower Upper

164 100

162 100.4 80.6 121.0

160 44.0 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.498 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Tgt Ion:216 Resp: 331758

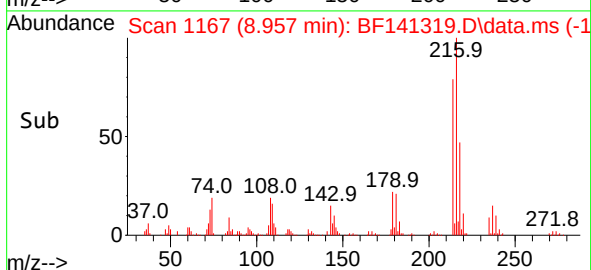
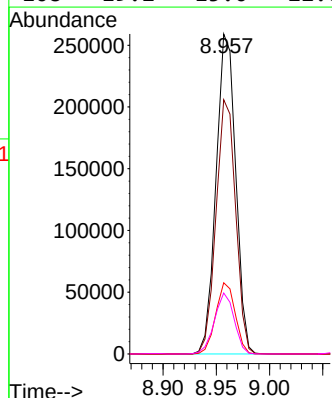
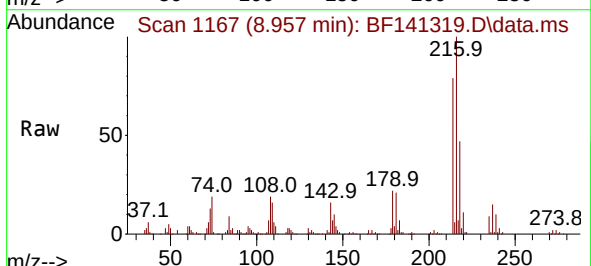
Ion Ratio Lower Upper

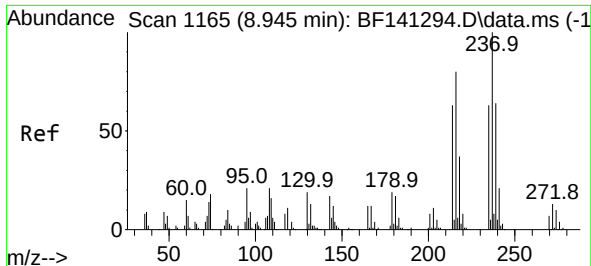
216 100

214 79.2 63.2 94.8

179 22.0 17.8 26.8

108 19.2 15.0 22.6

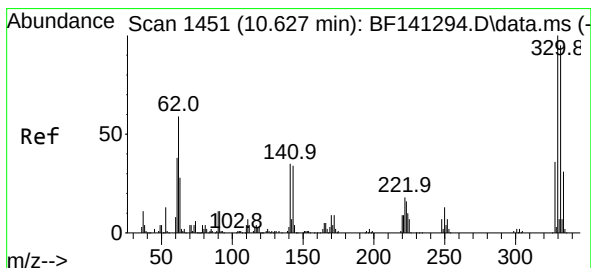
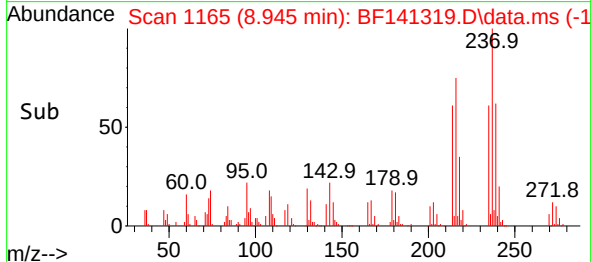
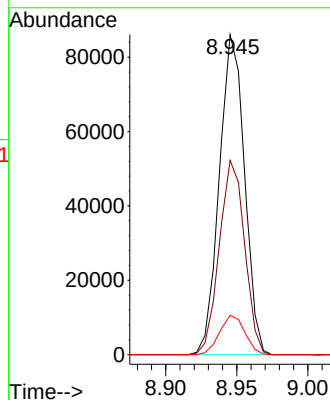
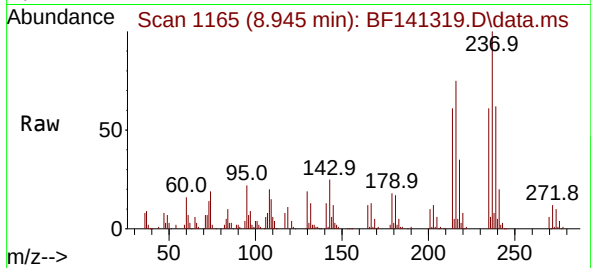




#41
Hexachlorocyclopentadiene
Concen: 39.520 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

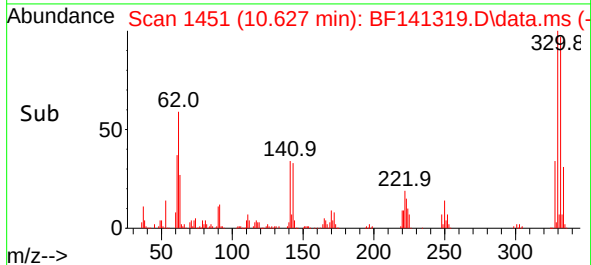
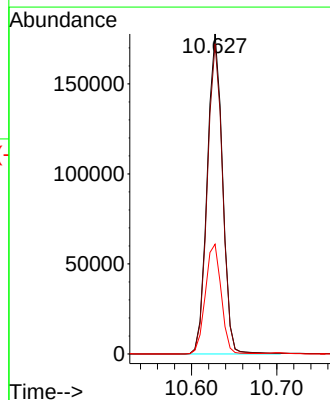
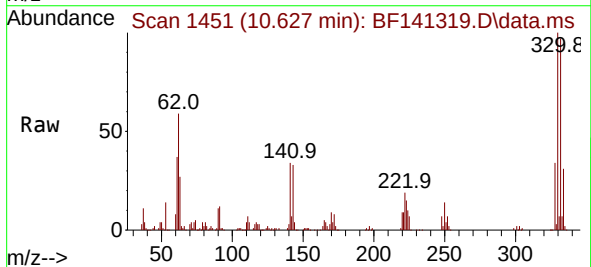
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

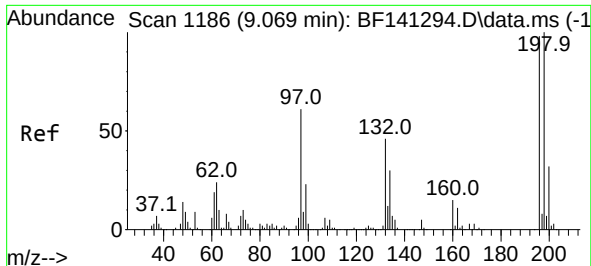
Tgt Ion:237 Resp: 106090
Ion Ratio Lower Upper
237 100
235 60.7 42.9 82.9
272 12.3 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 75.957 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:330 Resp: 222491
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 35.4 28.8 43.2

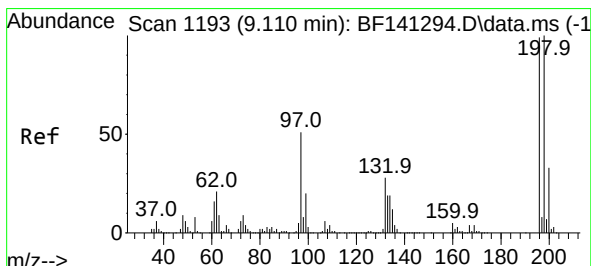
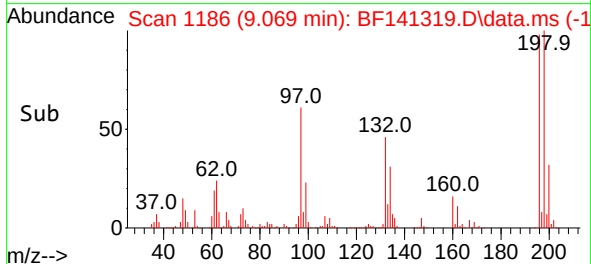
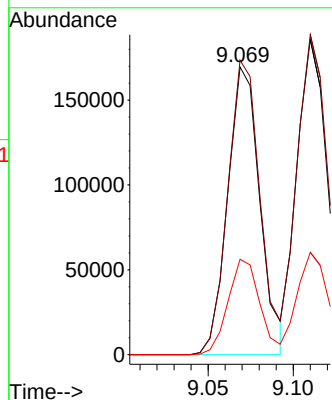
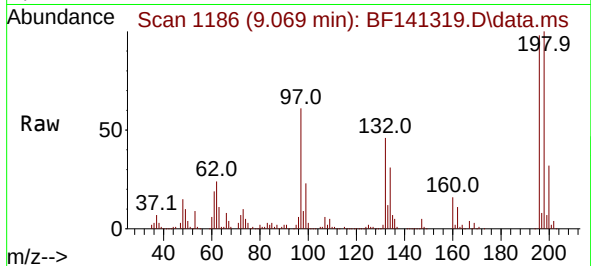




#43
2,4,6-Trichlorophenol
Concen: 37.520 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

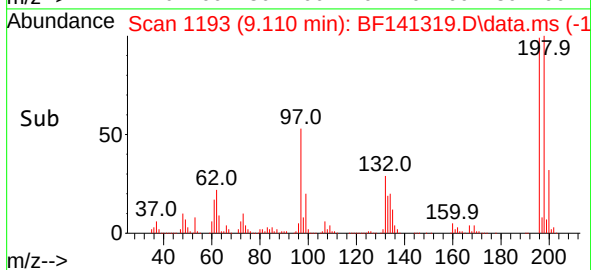
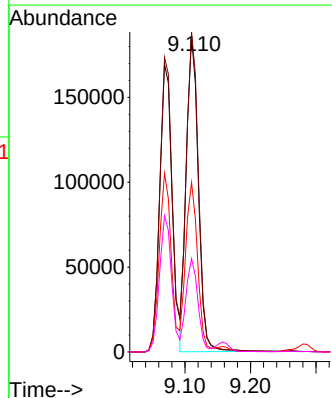
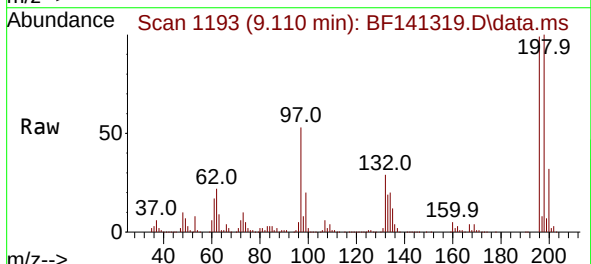
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

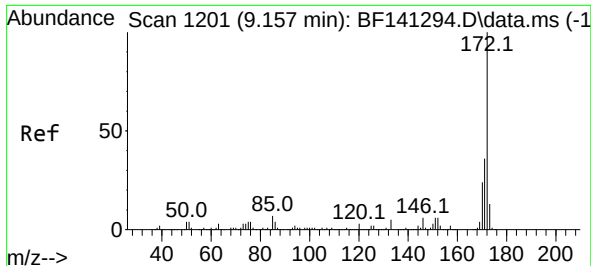
Tgt Ion:196 Resp: 223224
Ion Ratio Lower Upper
196 100
198 102.4 81.8 122.6
200 33.2 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 36.666 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:196 Resp: 237426
Ion Ratio Lower Upper
196 100
198 101.5 80.5 120.7
97 53.7 42.8 64.2
132 29.6 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 69.744 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

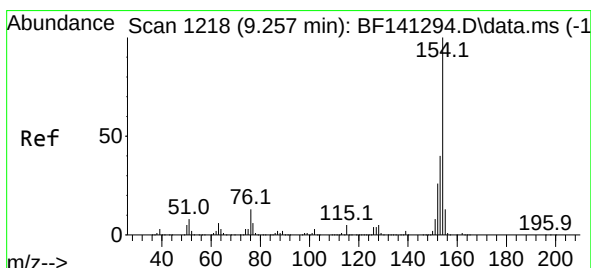
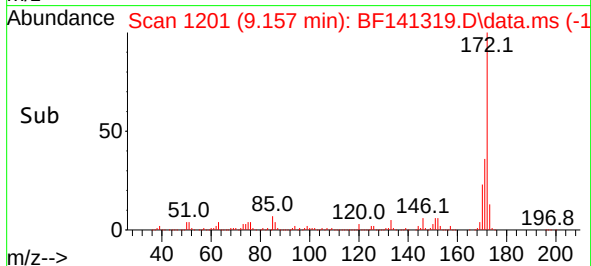
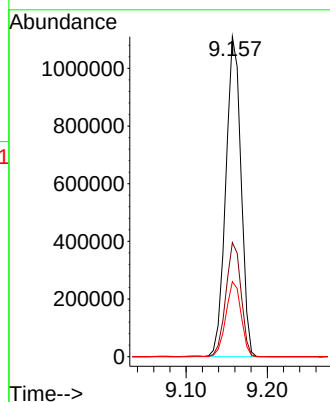
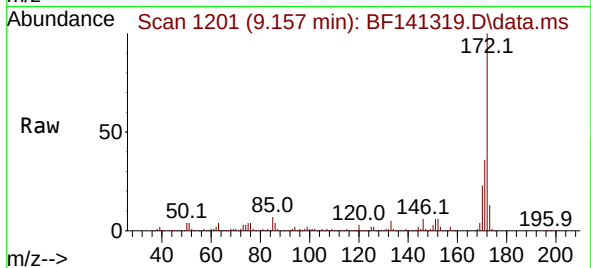
Tgt Ion:172 Resp: 1447765

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 36.015 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

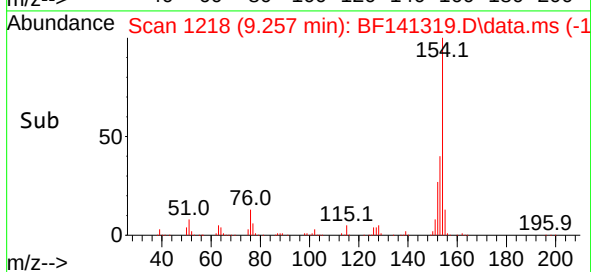
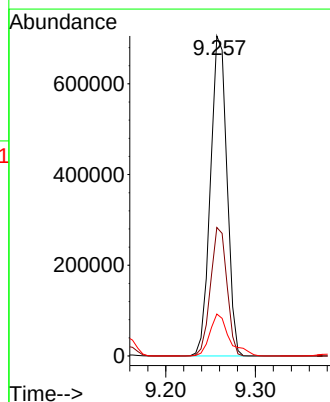
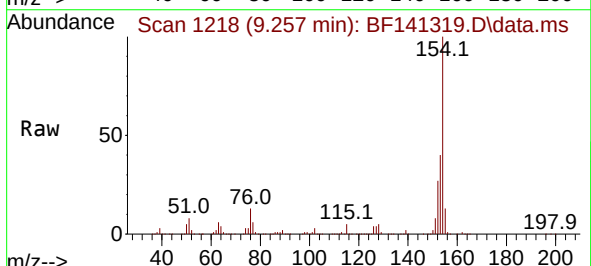
Tgt Ion:154 Resp: 897425

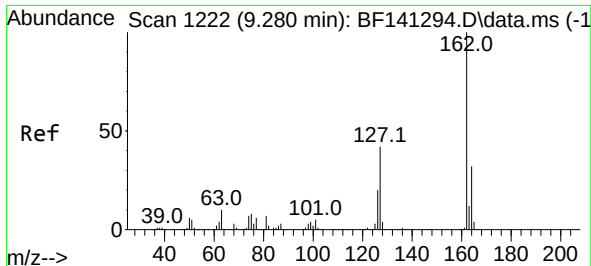
Ion Ratio Lower Upper

154 100

153 40.1 20.0 60.0

76 13.1 0.0 32.8

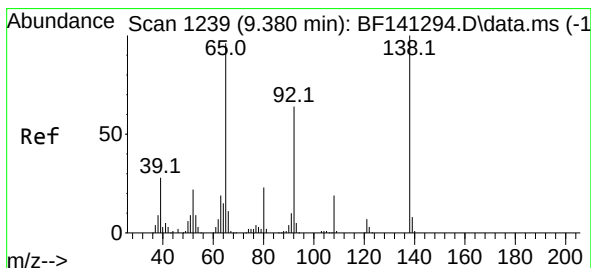
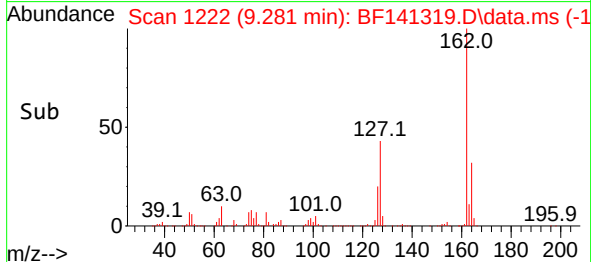
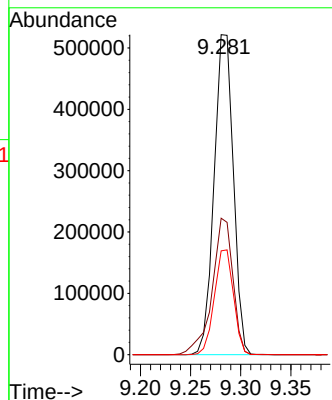
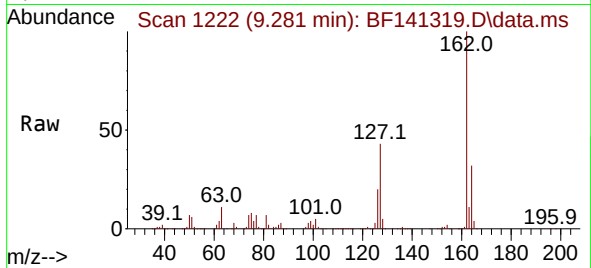




#47
2-Chloronaphthalene
Concen: 35.869 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

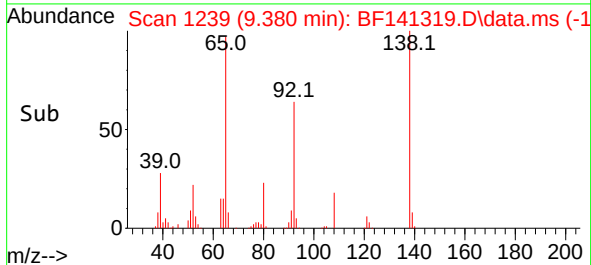
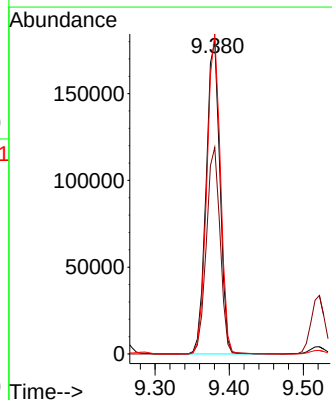
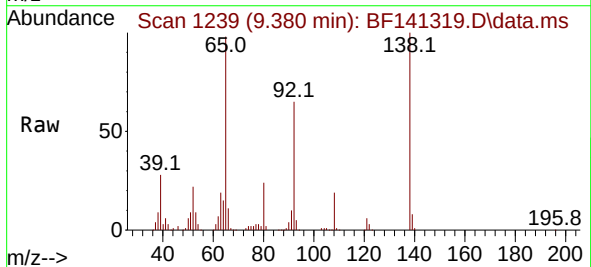
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

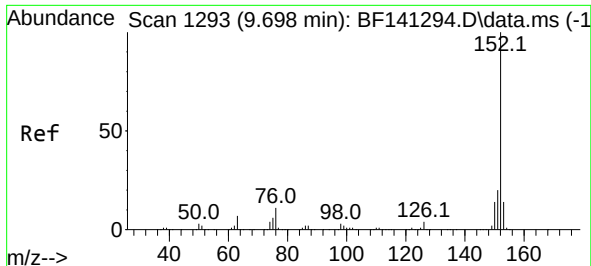
Tgt Ion:162 Resp: 696645
Ion Ratio Lower Upper
162 100
127 42.6 33.7 50.5
164 32.5 25.9 38.9



#48
2-Nitroaniline
Concen: 38.256 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 65 Resp: 233710
Ion Ratio Lower Upper
65 100
92 66.1 53.3 79.9
138 102.4 83.6 125.4

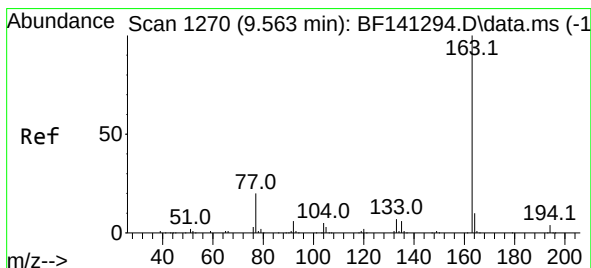
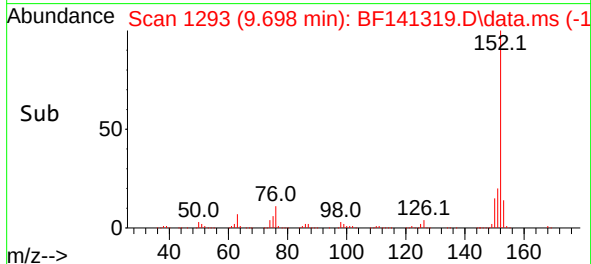
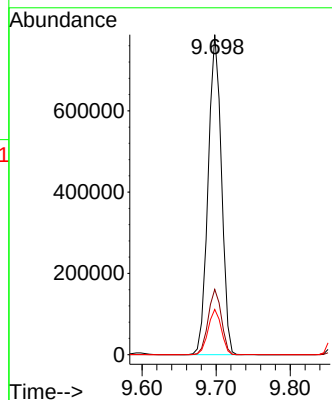
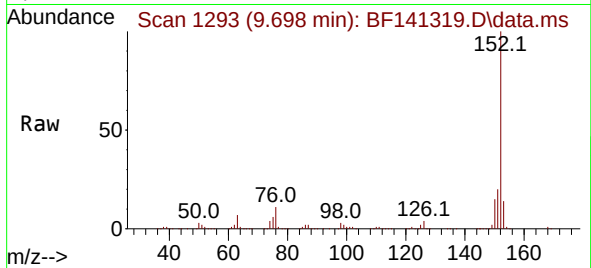




#49
Acenaphthylene
Concen: 36.048 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

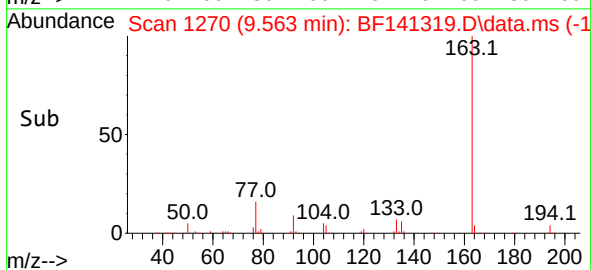
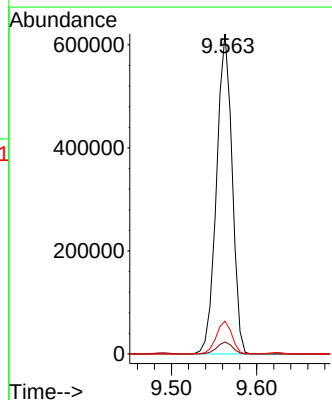
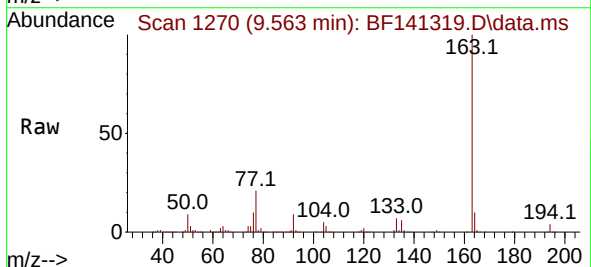
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

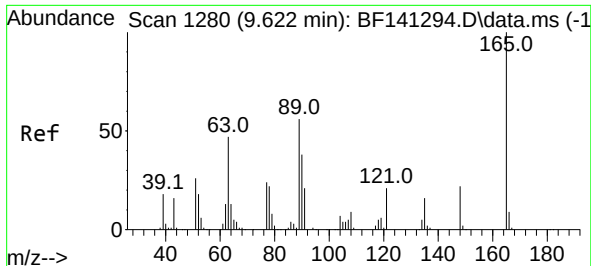
Tgt Ion:152 Resp: 980054
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.1 11.0 16.6



#50
Dimethylphthalate
Concen: 36.602 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:163 Resp: 789847
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.0 12.0

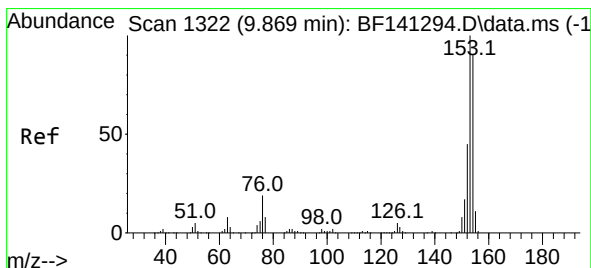
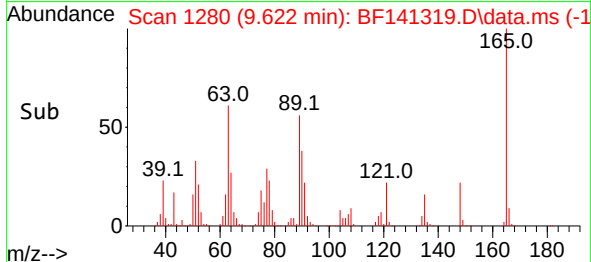
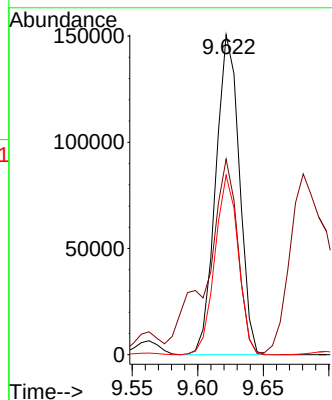
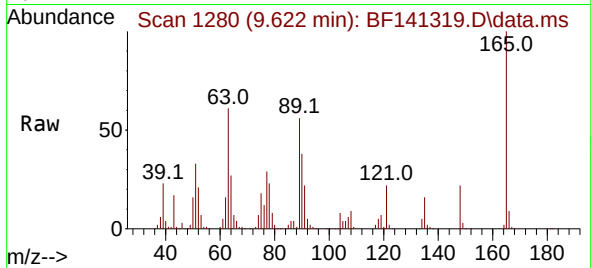




#51
2,6-Dinitrotoluene
Concen: 37.549 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

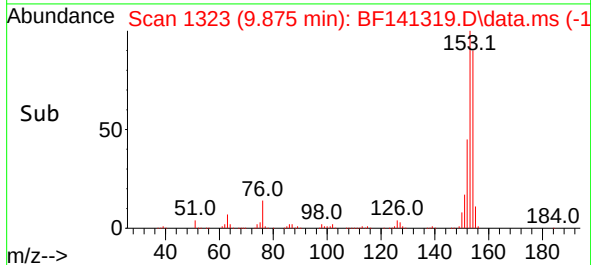
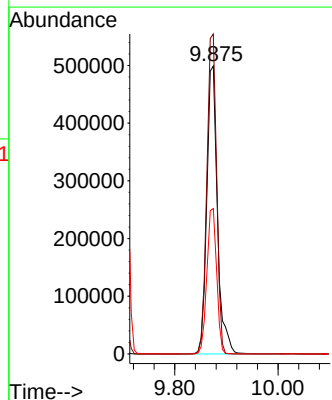
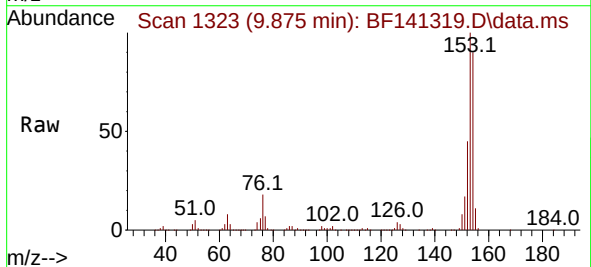
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

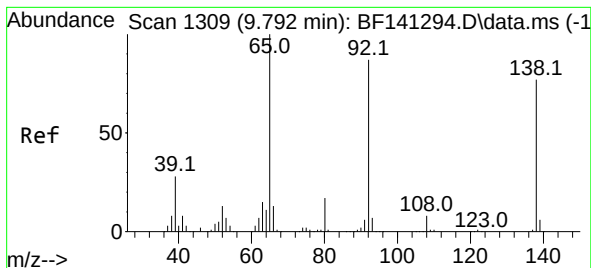
Tgt Ion:165 Resp: 188139
Ion Ratio Lower Upper
165 100
63 61.1 48.1 72.1
89 56.0 44.9 67.3



#52
Acenaphthene
Concen: 36.779 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:154 Resp: 714359
Ion Ratio Lower Upper
154 100
153 111.1 89.0 133.4
152 50.5 40.2 60.4





#53

3-Nitroaniline

Concen: 38.231 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

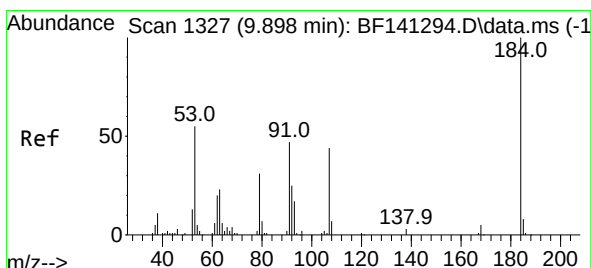
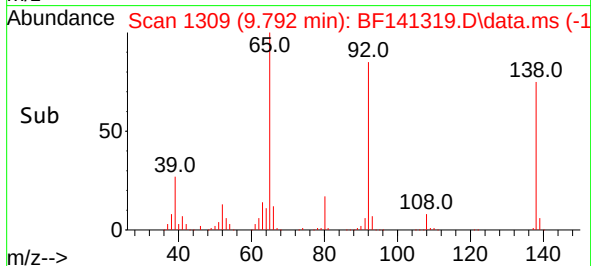
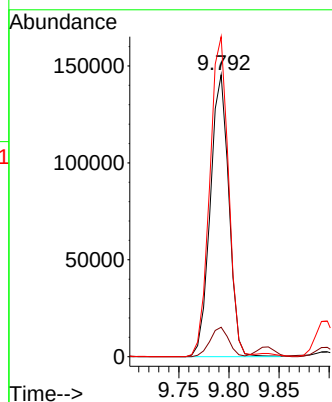
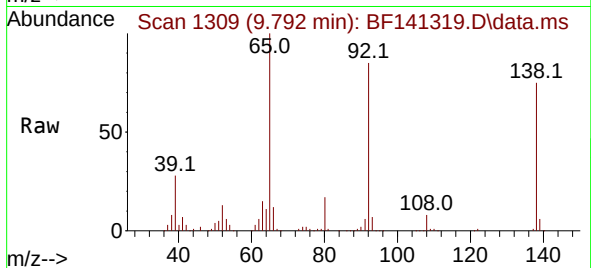
Tgt Ion:138 Resp: 187747

Ion Ratio Lower Upper

138 100

108 10.4 8.6 12.8

92 113.5 91.0 136.6



#54

2,4-Dinitrophenol

Concen: 41.050 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

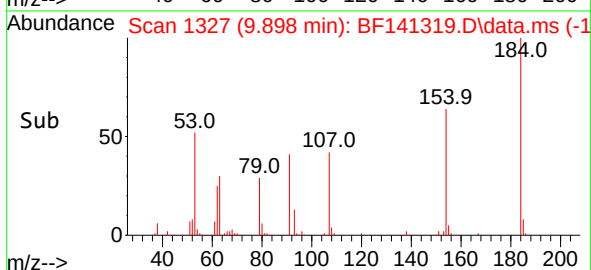
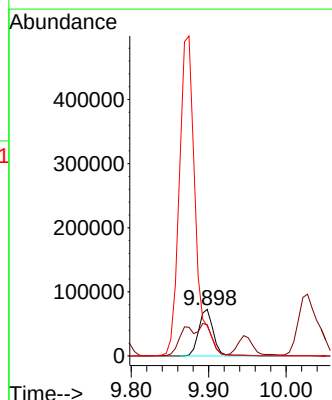
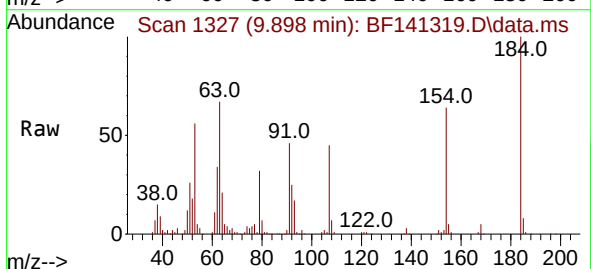
Tgt Ion:184 Resp: 95612

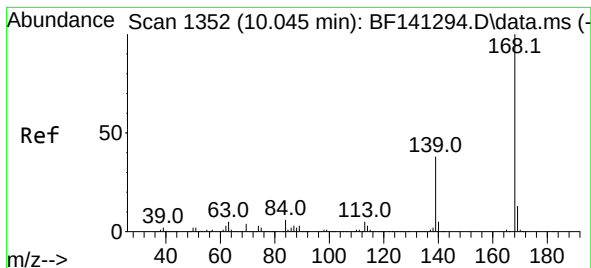
Ion Ratio Lower Upper

184 100

63 67.0 54.1 81.1

154 64.4 50.7 76.1





#55

Dibenzenofuran

Concen: 36.361 ng

RT: 10.045 min Scan# 1352

Delta R.T. -0.000 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

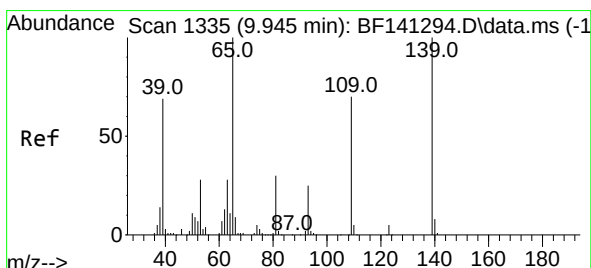
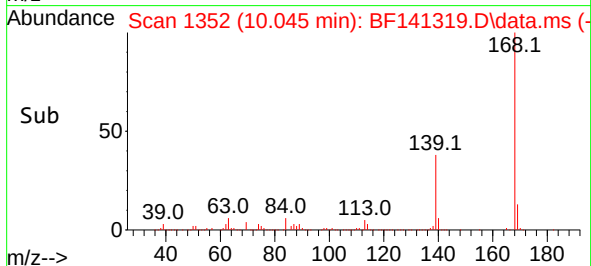
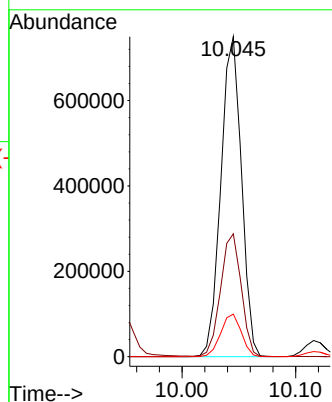
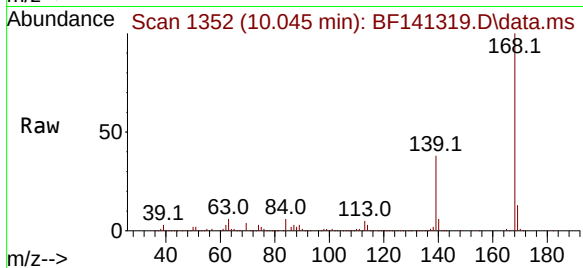
Tgt Ion:168 Resp: 945339

Ion Ratio Lower Upper

168 100

139 38.4 30.6 46.0

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 39.779 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.012 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

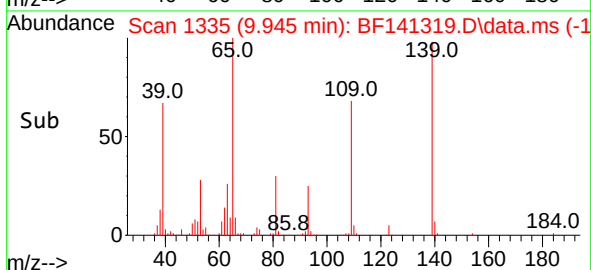
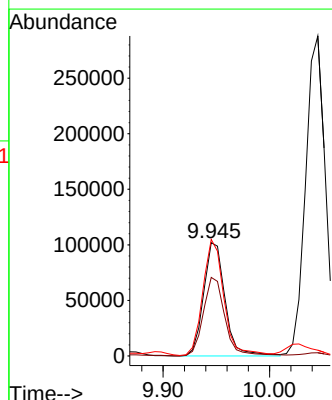
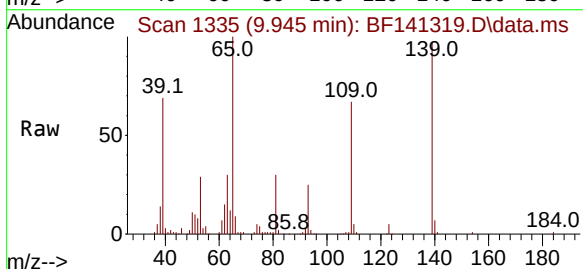
Tgt Ion:139 Resp: 142865

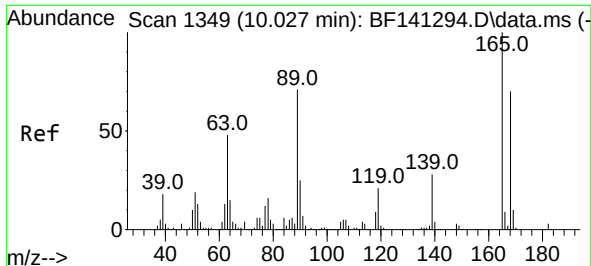
Ion Ratio Lower Upper

139 100

109 69.3 50.2 90.2

65 102.8 80.6 120.6

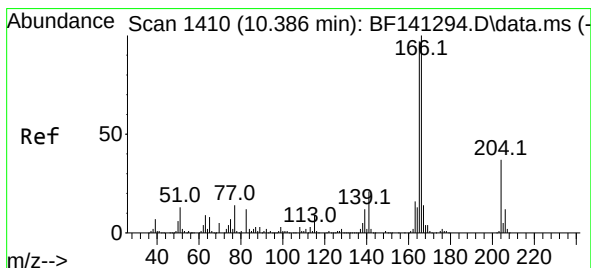
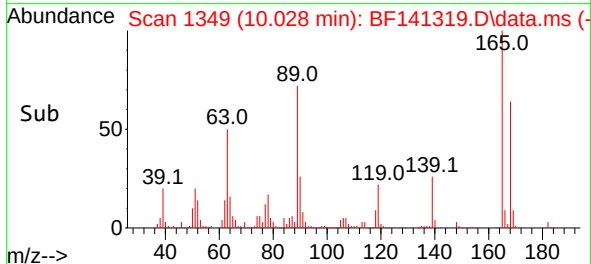
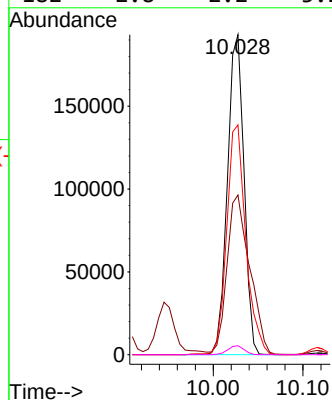
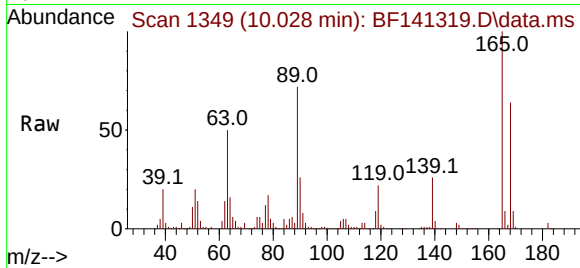




#57
2,4-Dinitrotoluene
Concen: 38.150 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

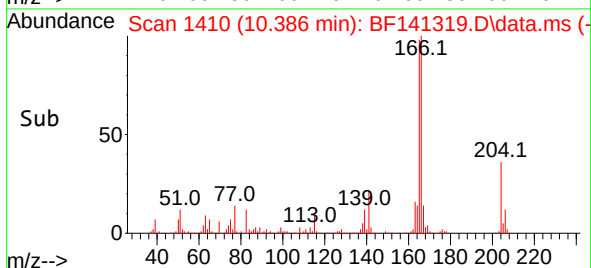
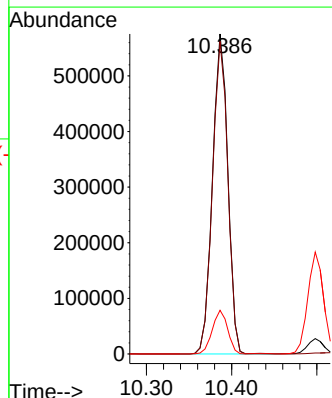
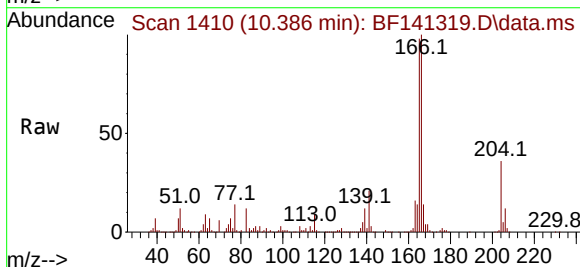
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

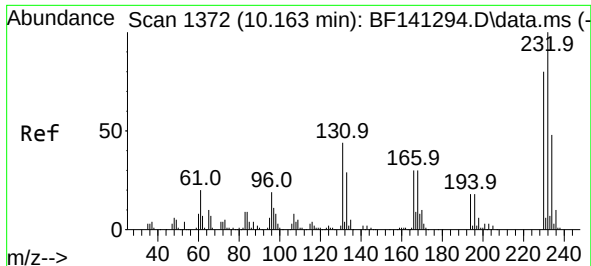
Tgt Ion:165 Resp: 247489
Ion Ratio Lower Upper
165 100
63 49.9 39.2 58.8
89 71.8 56.9 85.3
182 2.8 2.2 3.2



#58
Fluorene
Concen: 35.862 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:166 Resp: 723204
Ion Ratio Lower Upper
166 100
165 97.7 77.5 116.3
167 13.6 10.9 16.3

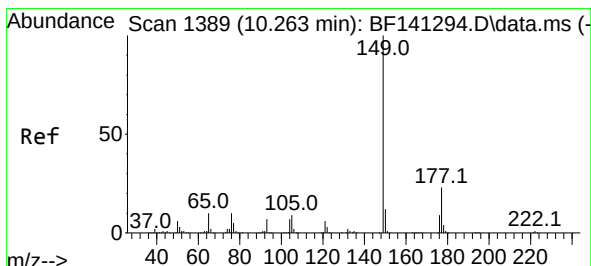
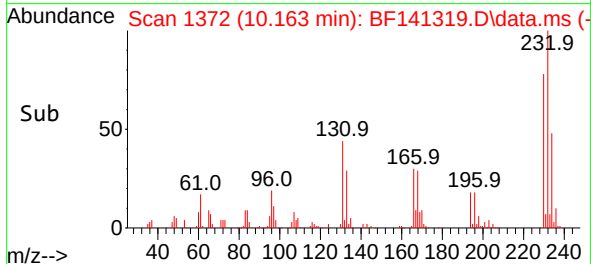
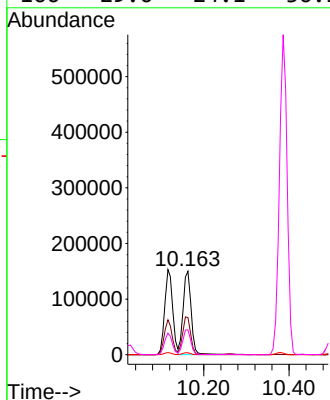
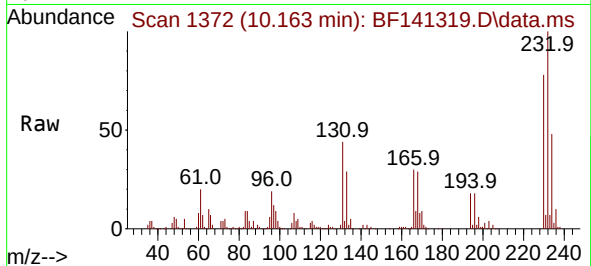




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.756 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

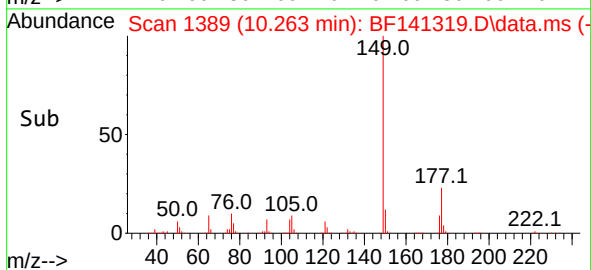
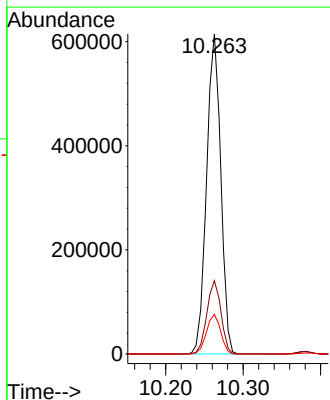
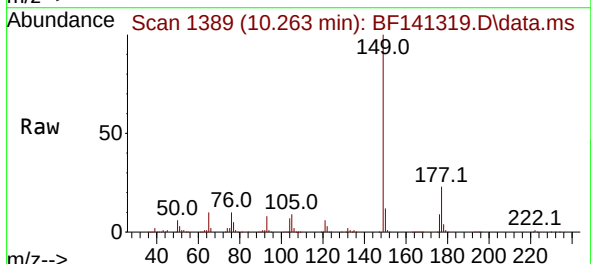
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

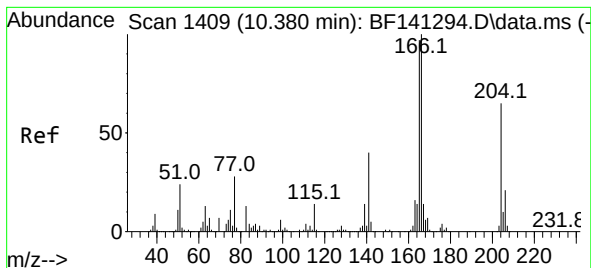
Tgt Ion:232 Resp: 197432
Ion Ratio Lower Upper
232 100
131 45.3 36.4 54.6
130 2.3 1.9 2.9
166 29.6 24.1 36.1



#60
Diethylphthalate
Concen: 37.235 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:149 Resp: 779087
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.4 10.0 15.0

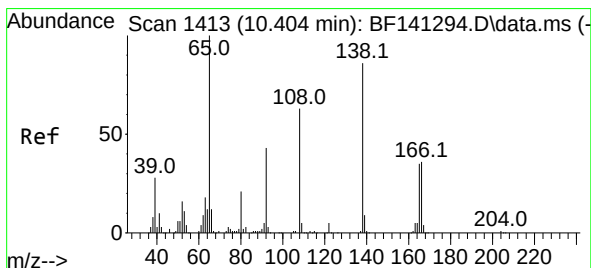
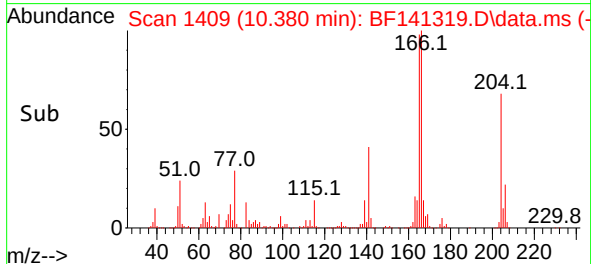
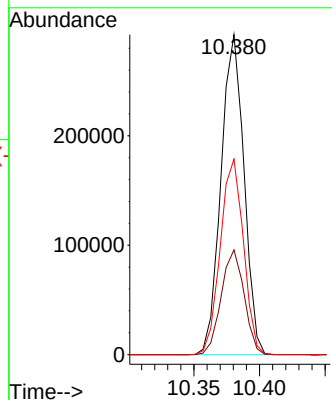
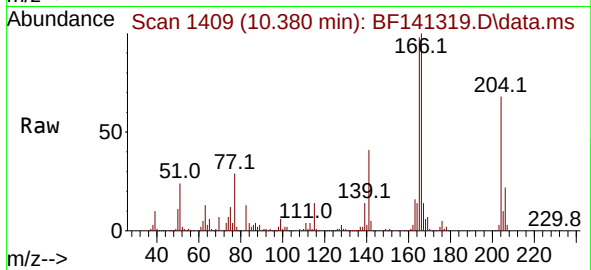




#61
4-Chlorophenyl-phenylether
Concen: 36.144 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

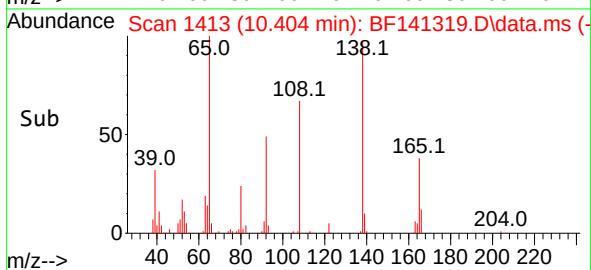
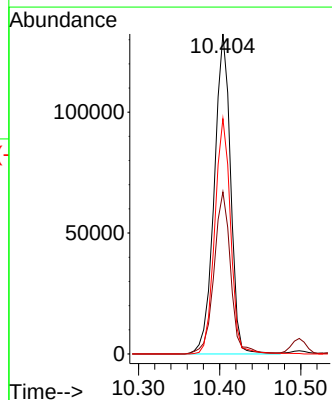
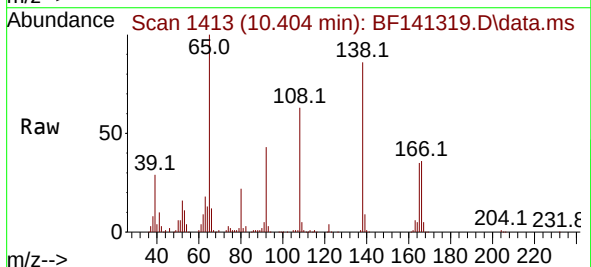
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

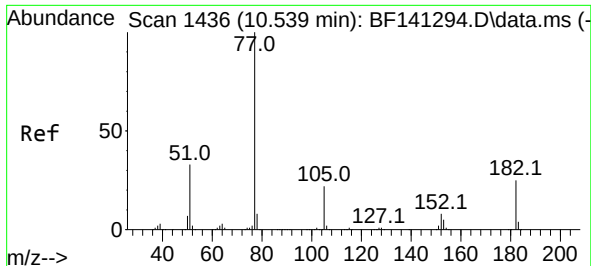
Tgt Ion:204 Resp: 356042
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 61.1 49.5 74.3



#62
4-Nitroaniline
Concen: 38.331 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:138 Resp: 185062
Ion Ratio Lower Upper
138 100
92 50.6 30.1 70.1
108 73.5 53.1 93.1



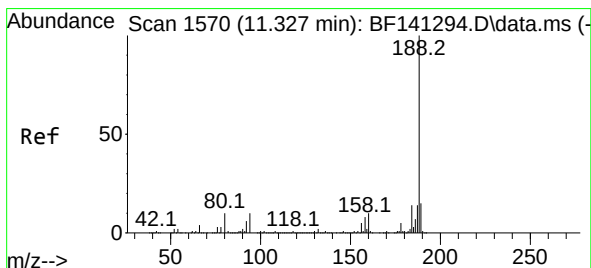
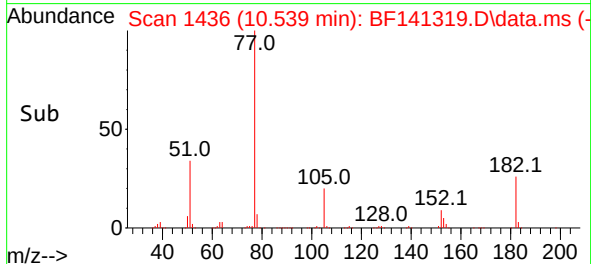
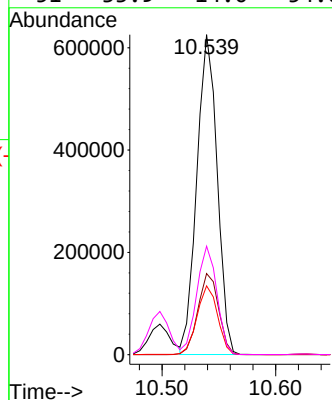
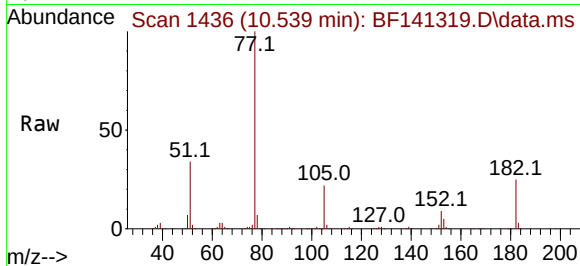


#63
Azobenzene
Concen: 37.170 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 778507

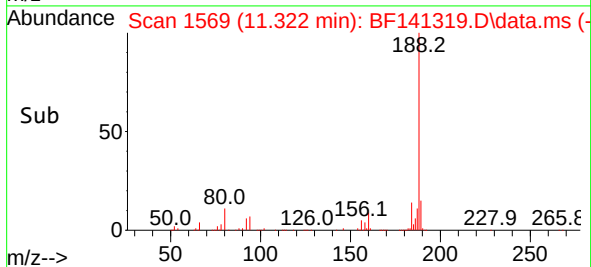
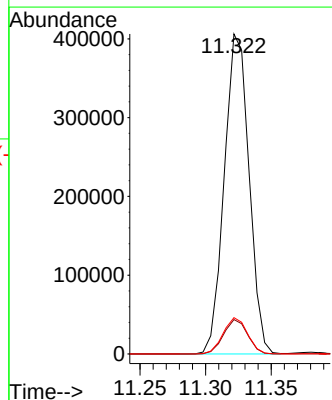
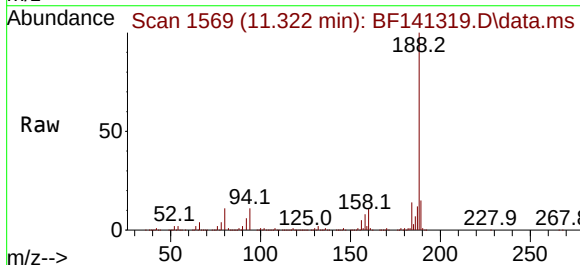
Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.1	45.1
105	21.5	1.8	41.8
51	33.9	14.0	54.0

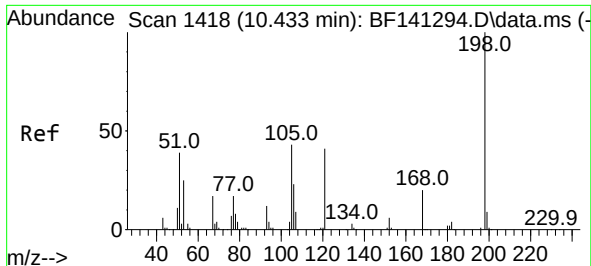


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 188 Resp: 533134

Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.8	11.6
80	11.4	8.2	12.4

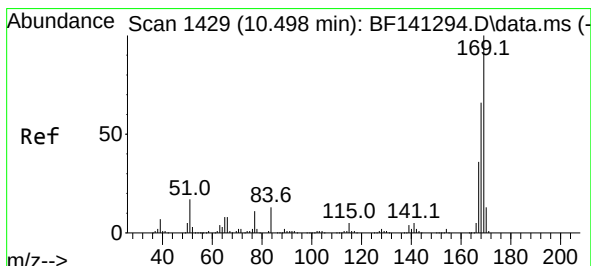
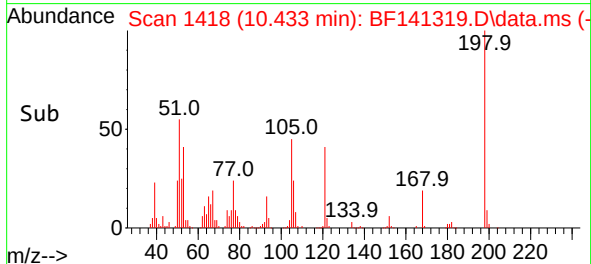
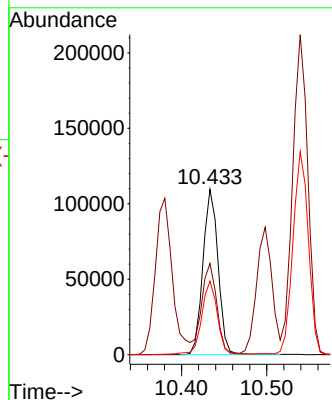
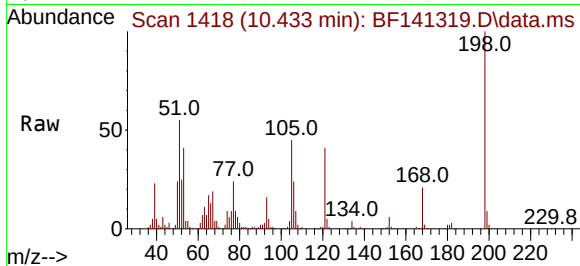




#65
4,6-Dinitro-2-methylphenol
Concen: 42.895 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

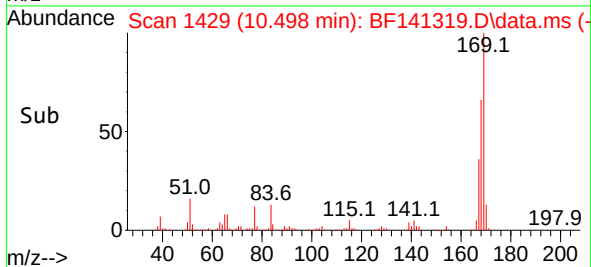
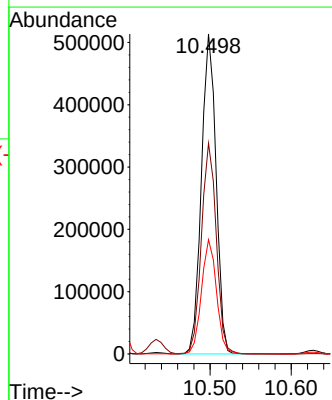
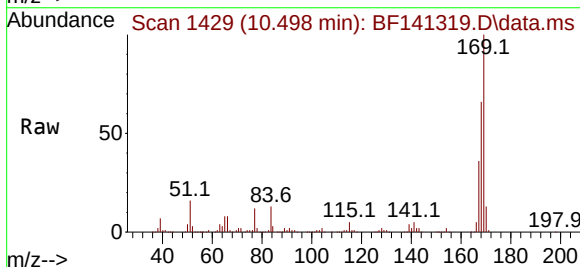
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

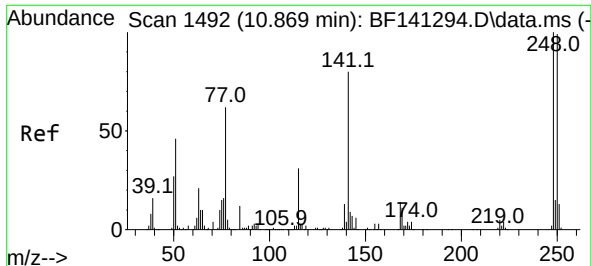
Tgt Ion:198 Resp: 135268
Ion Ratio Lower Upper
198 100
51 55.1 33.4 73.4
105 44.5 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 37.318 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:169 Resp: 643501
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.4
167 35.7 28.8 43.2

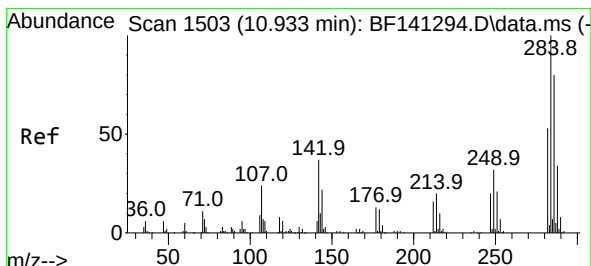
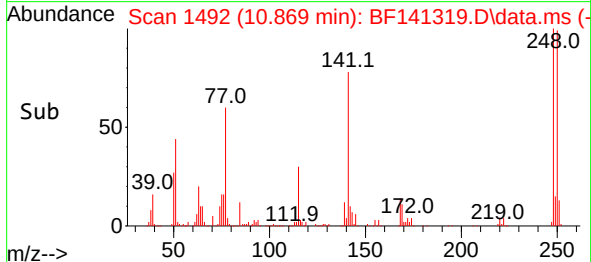
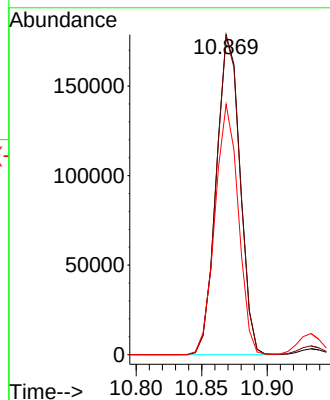
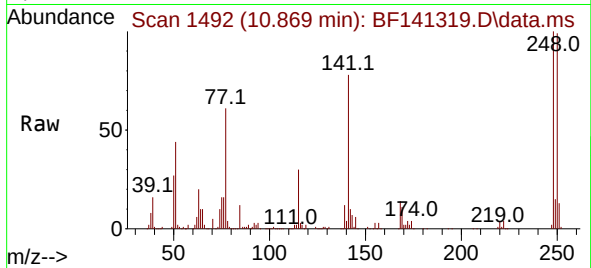




#67
4-Bromophenyl-phenylether
Concen: 37.613 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

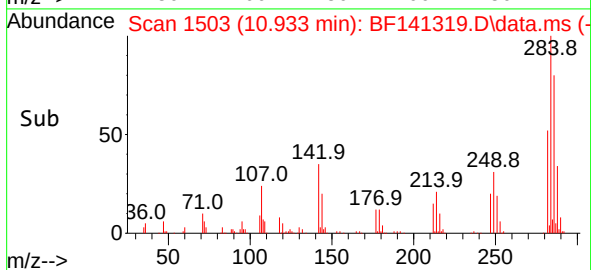
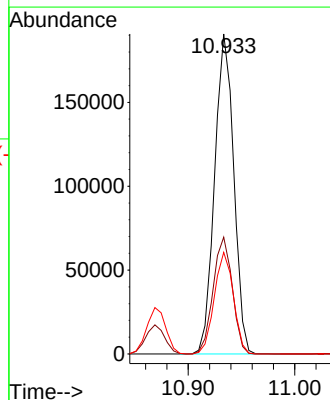
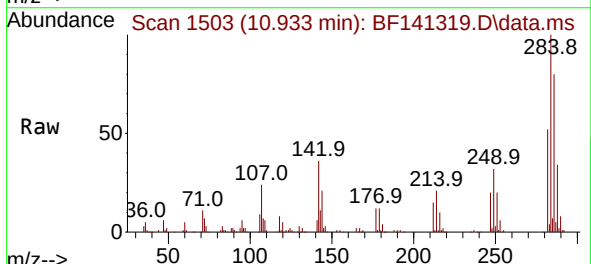
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

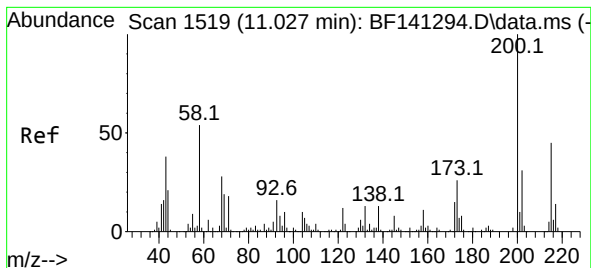
Tgt Ion:248 Resp: 224498
Ion Ratio Lower Upper
248 100
250 99.4 79.0 118.4
141 78.3 63.7 95.5



#68
Hexachlorobenzene
Concen: 37.501 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:284 Resp: 237426
Ion Ratio Lower Upper
284 100
142 36.5 29.5 44.3
249 31.8 25.4 38.2





#69

Atrazine

Concen: 35.279 ng

RT: 11.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

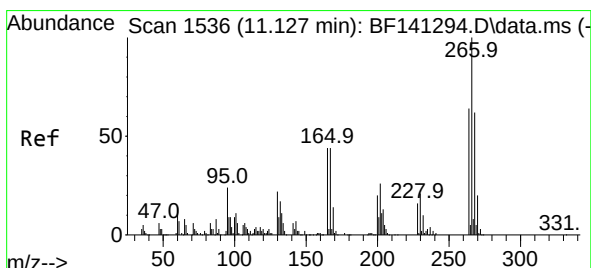
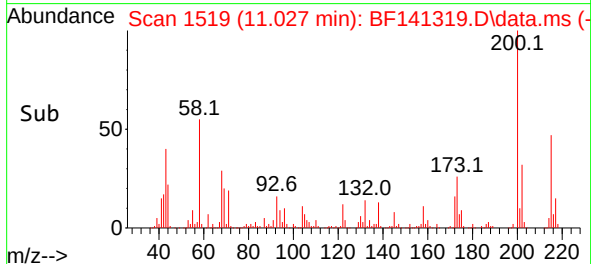
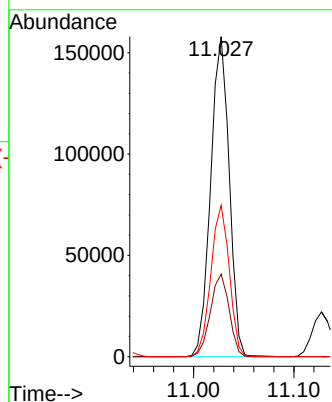
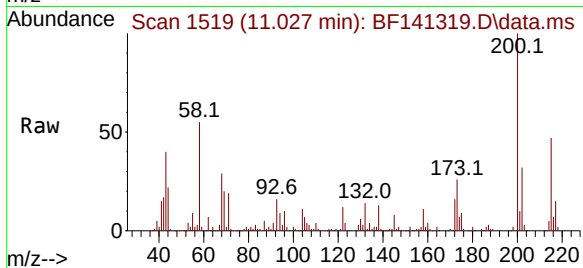
Tgt Ion:200 Resp: 203394

Ion Ratio Lower Upper

200 100

173 25.8 5.9 45.9

215 47.2 25.2 65.2



#70

Pentachlorophenol

Concen: 42.389 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

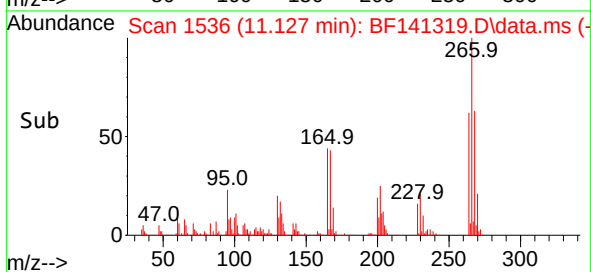
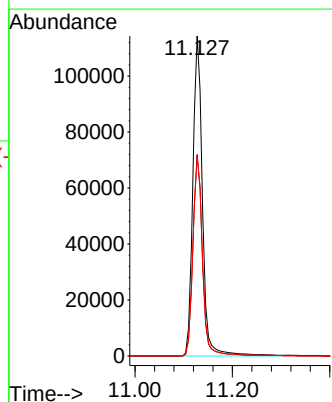
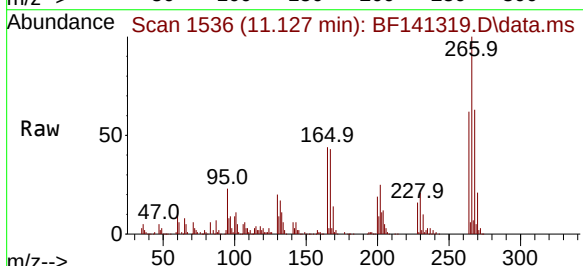
Tgt Ion:266 Resp: 157156

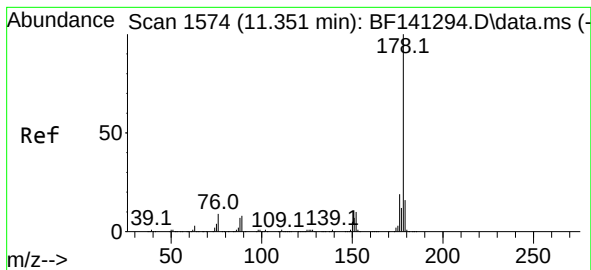
Ion Ratio Lower Upper

266 100

268 63.0 49.9 74.9

264 62.4 51.0 76.4





#71

Phenanthrene

Concen: 37.346 ng

RT: 11.351 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

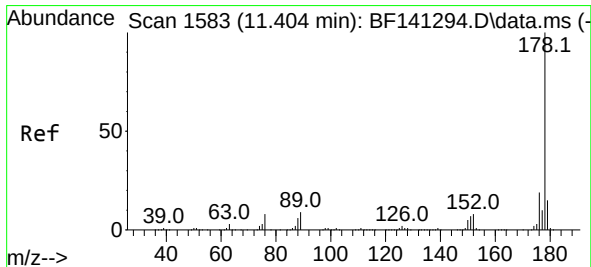
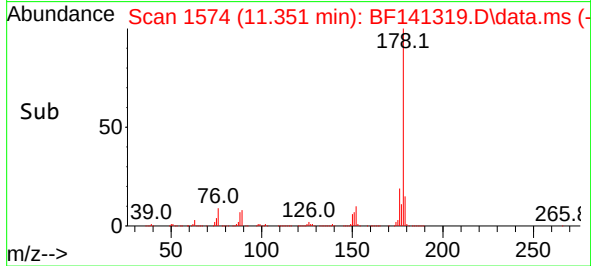
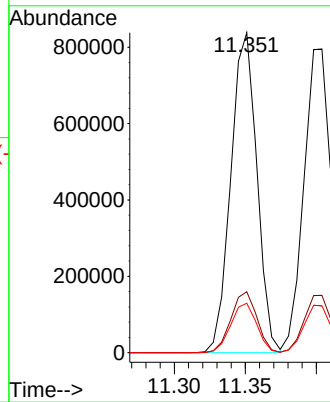
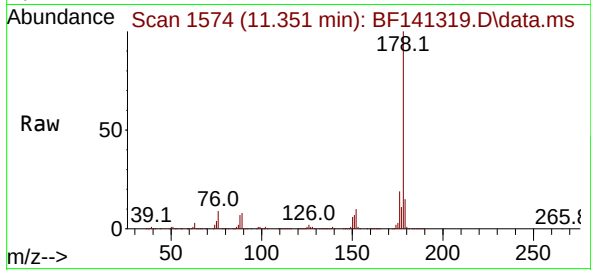
Tgt Ion:178 Resp: 1070271

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 37.774 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

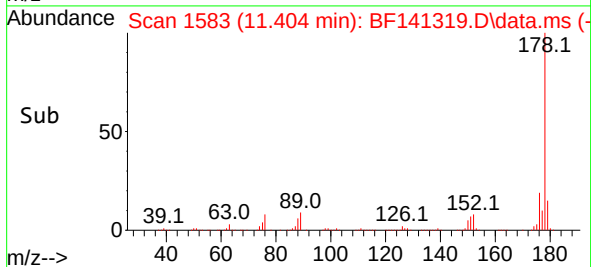
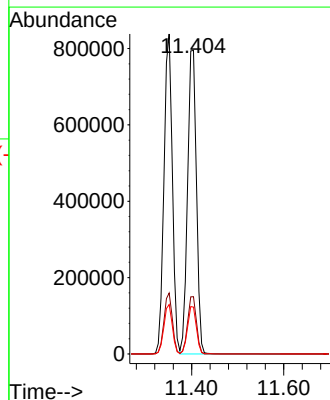
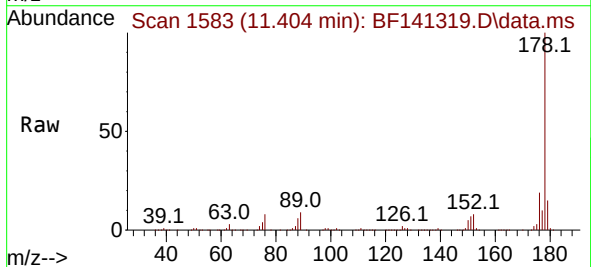
Tgt Ion:178 Resp: 1060701

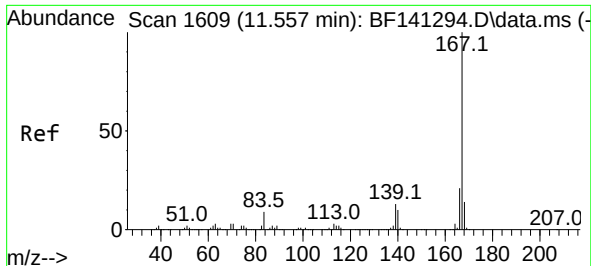
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 15.5 12.3 18.5

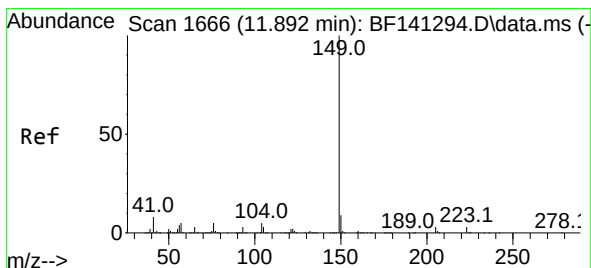
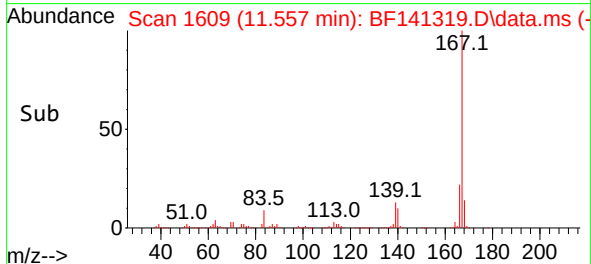
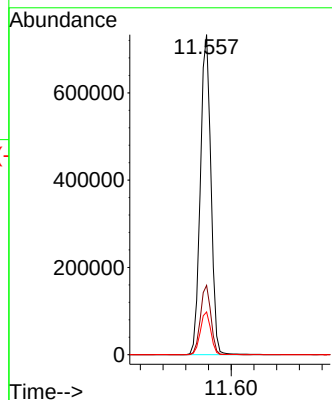
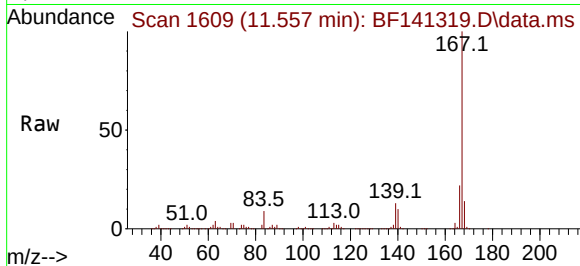




#73
 Carbazole
 Concen: 38.041 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141319.D
 Acq: 31 Jan 2025 09:22

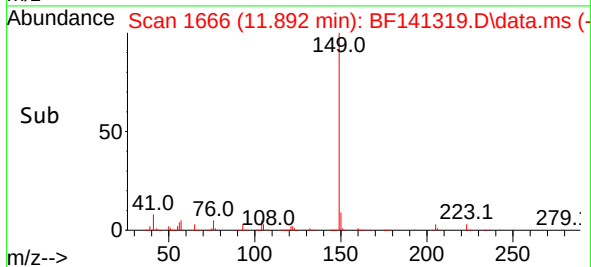
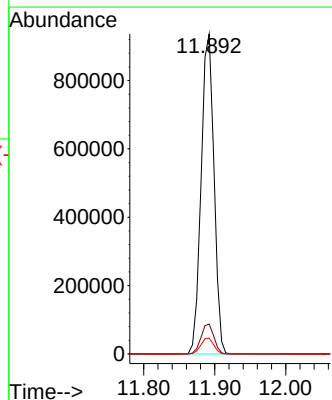
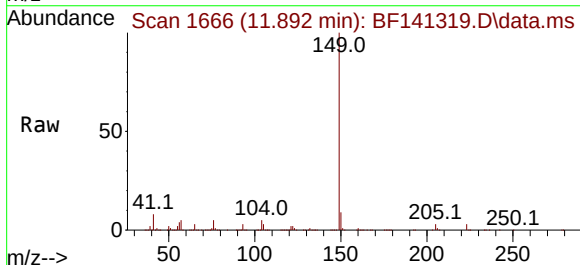
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

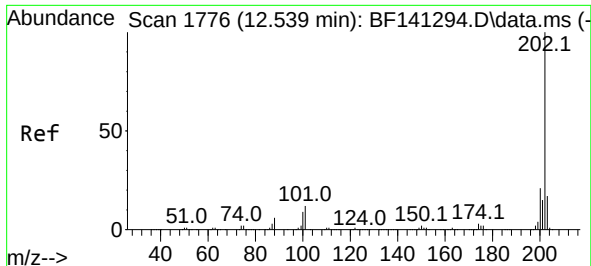
Tgt Ion:167 Resp: 947189
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 39.126 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141319.D
 Acq: 31 Jan 2025 09:22

Tgt Ion:149 Resp: 1180612
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.0 3.9 5.9

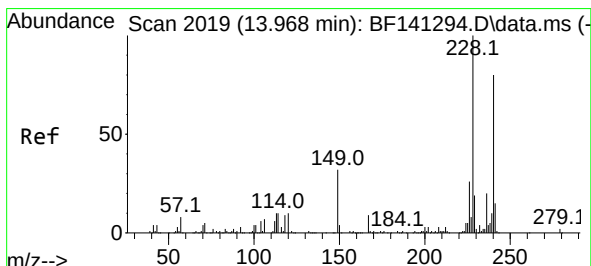
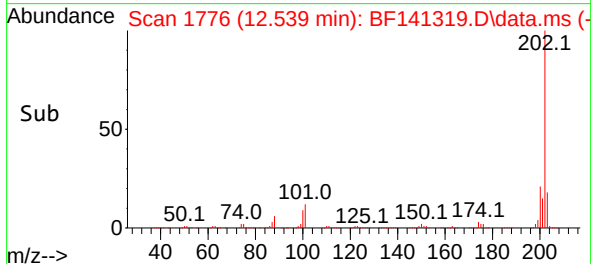
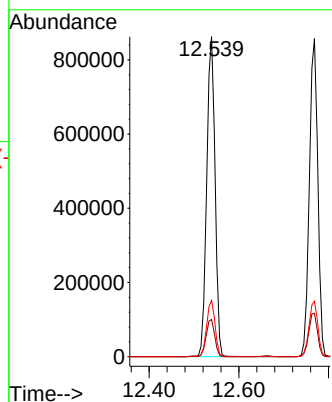
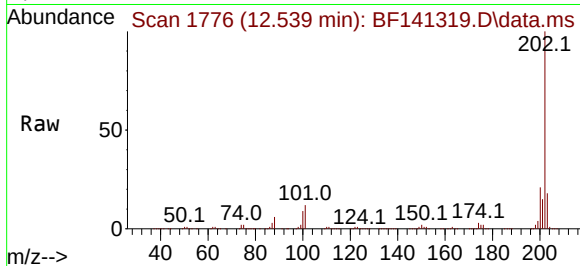




#75
Fluoranthene
Concen: 39.305 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

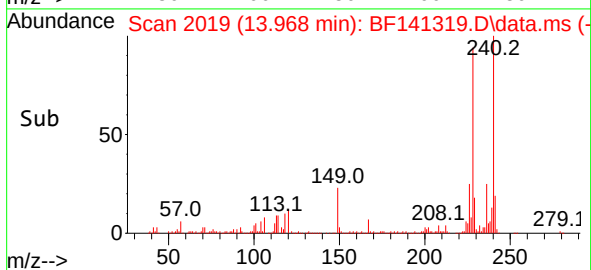
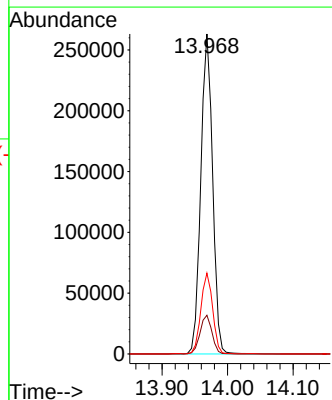
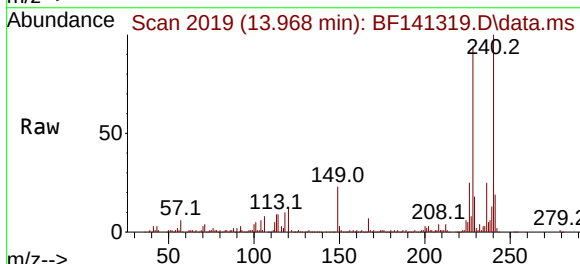
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

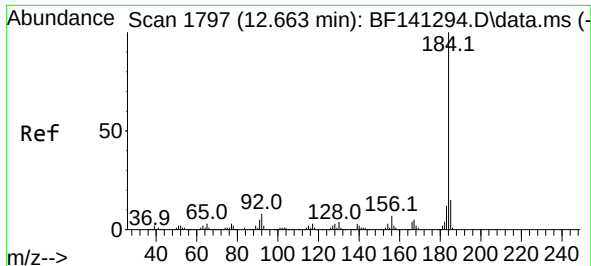
Tgt Ion:202 Resp: 1112201
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.7
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:240 Resp: 330369
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 25.3 19.7 29.5

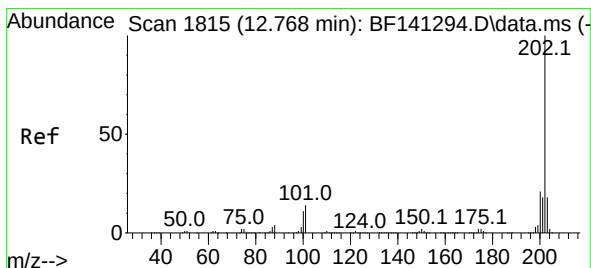
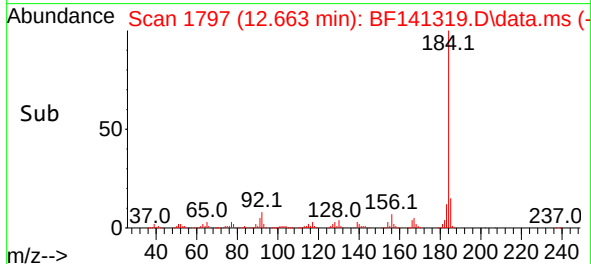
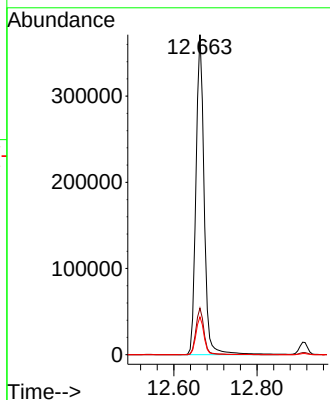
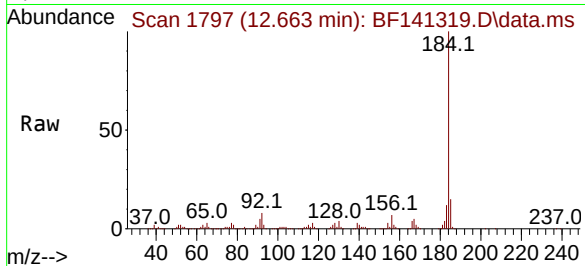




#77
Benzidine
Concen: 48.042 ng
RT: 12.663 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

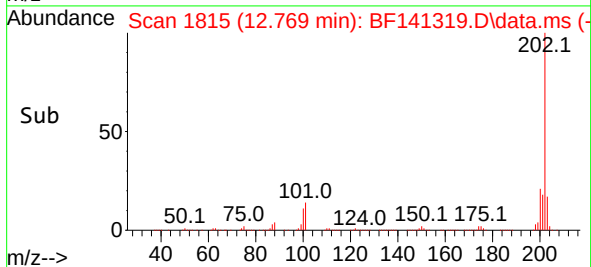
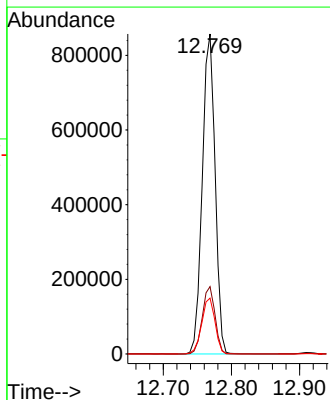
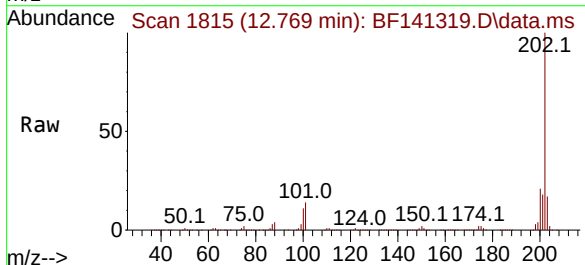
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

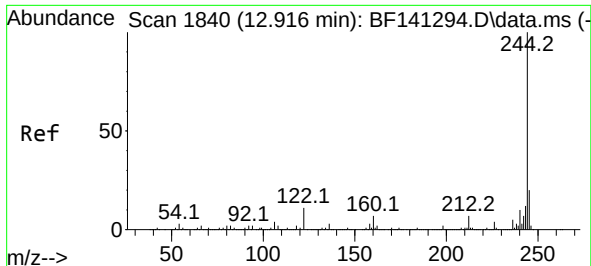
Tgt Ion:184 Resp: 508814
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 11.8 9.5 14.3



#78
Pyrene
Concen: 35.343 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

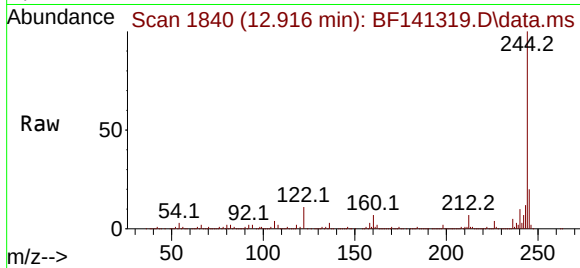
Tgt Ion:202 Resp: 1120815
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.5 14.3 21.5





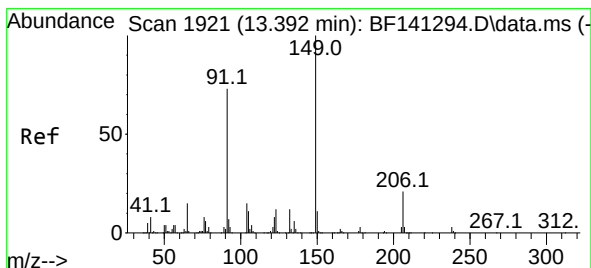
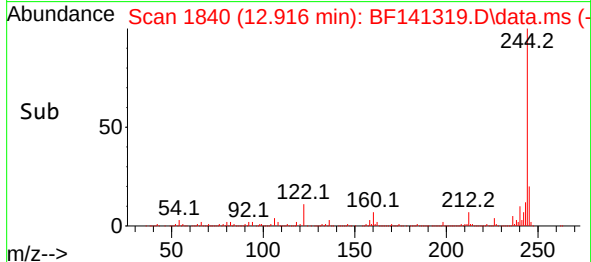
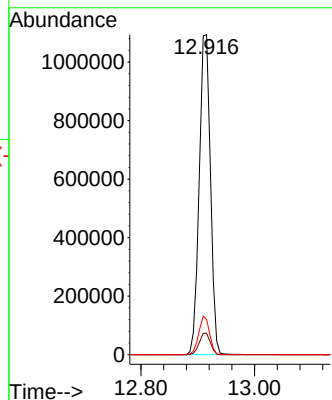
#79
 Terphenyl-d14
 Concen: 70.329 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141319.D
 Acq: 31 Jan 2025 09:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:244 Resp: 1506599

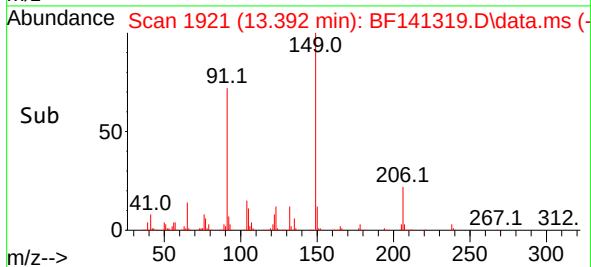
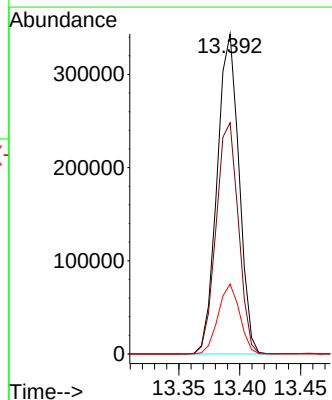
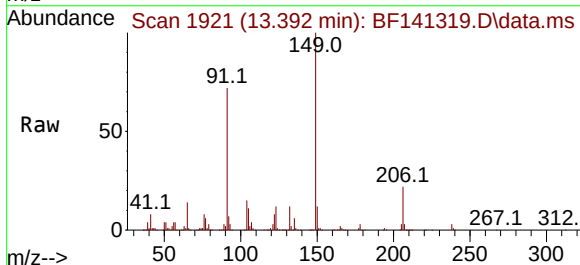
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	8.8	13.2

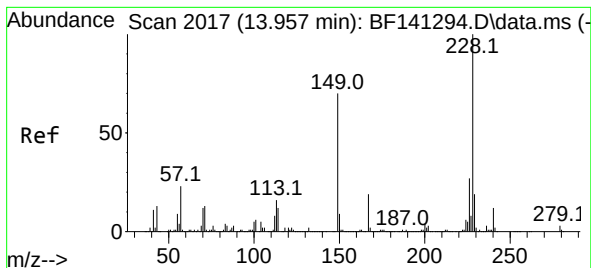


#80
 Butylbenzylphthalate
 Concen: 38.853 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141319.D
 Acq: 31 Jan 2025 09:22

Tgt Ion:149 Resp: 430451

Ion	Ratio	Lower	Upper
149	100		
91	72.3	58.6	87.8
206	21.8	16.7	25.1





#81

Benzo(a)anthracene

Concen: 33.869 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

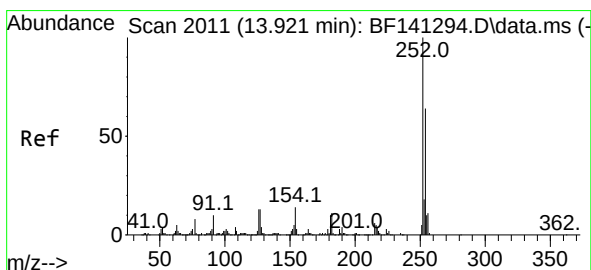
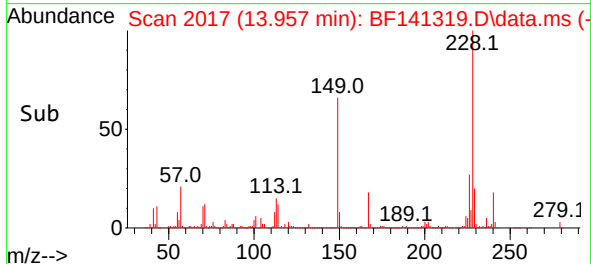
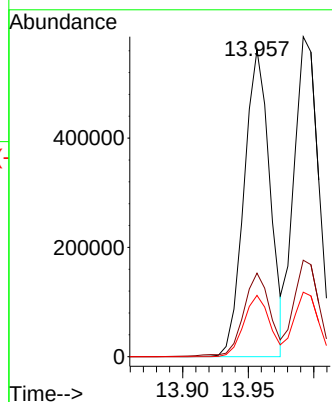
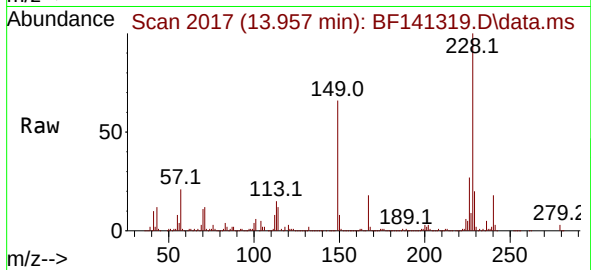
Tgt Ion:228 Resp: 772115

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 35.631 ng

RT: 13.921 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

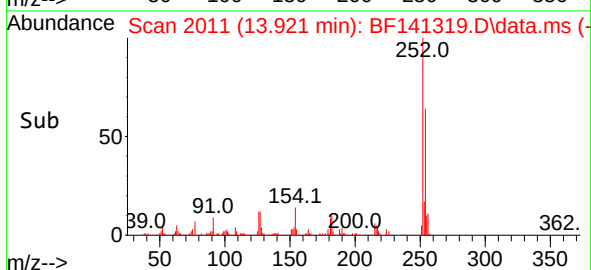
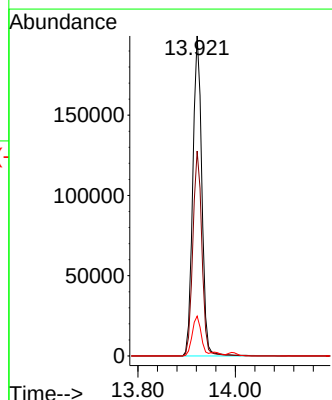
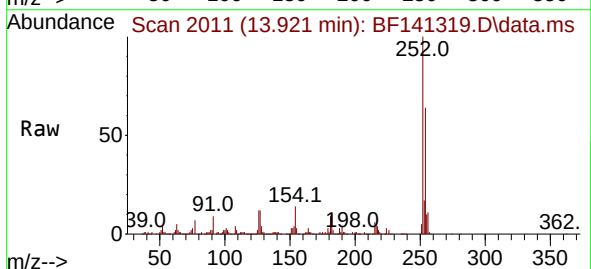
Tgt Ion:252 Resp: 258352

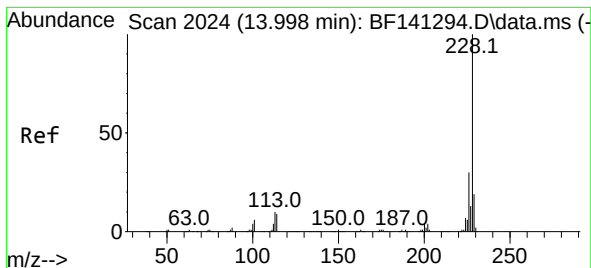
Ion Ratio Lower Upper

252 100

254 64.1 51.3 76.9

126 12.5 10.0 15.0





#83

Chrysene

Concen: 36.546 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

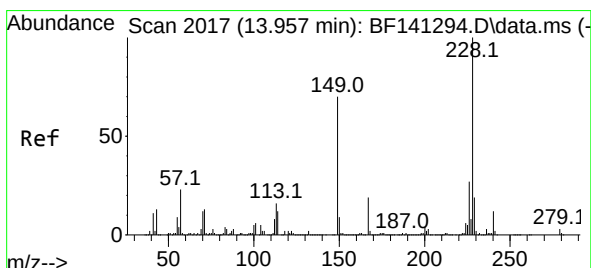
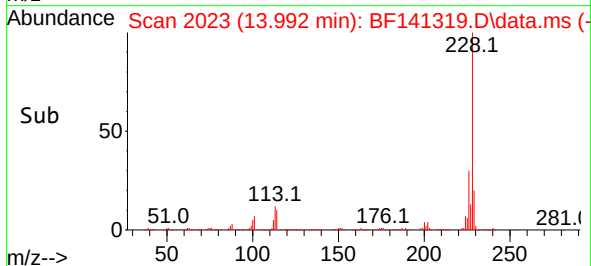
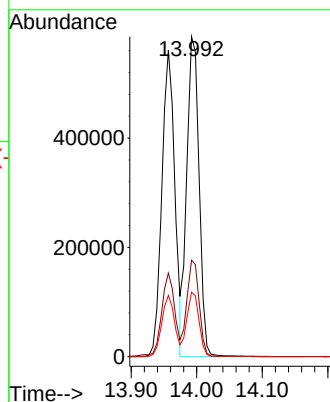
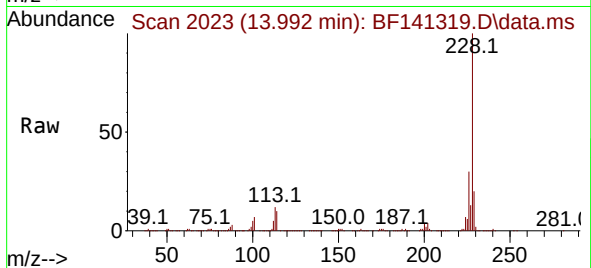
Tgt Ion:228 Resp: 763560

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.782 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

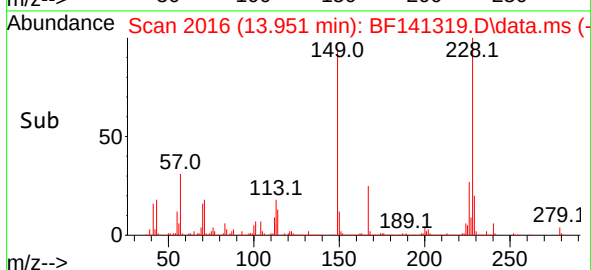
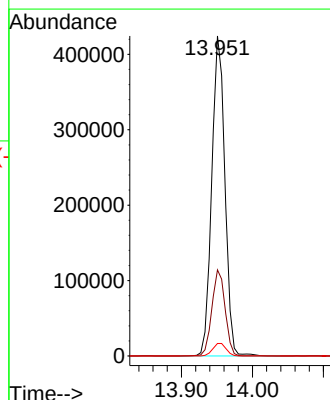
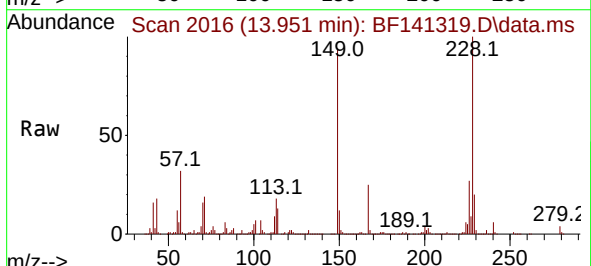
Tgt Ion:149 Resp: 545048

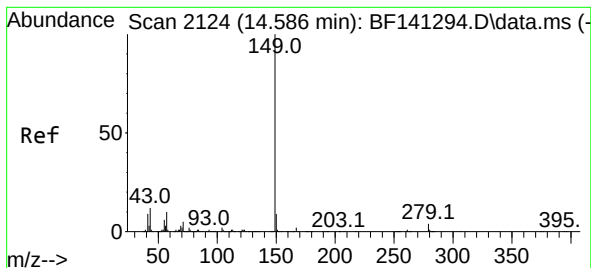
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 3.9 3.3 4.9

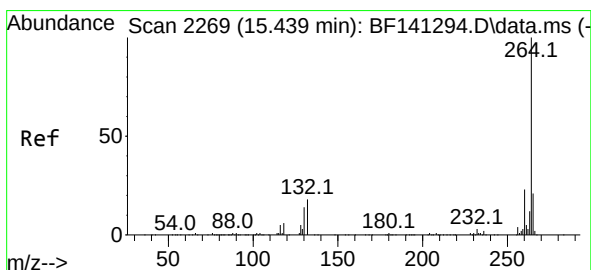
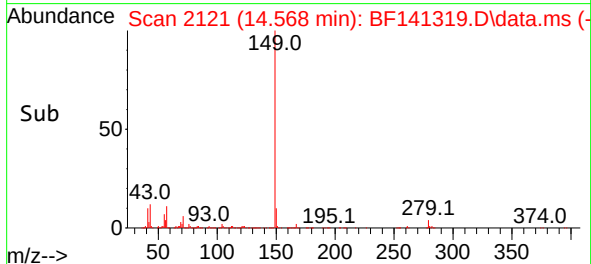
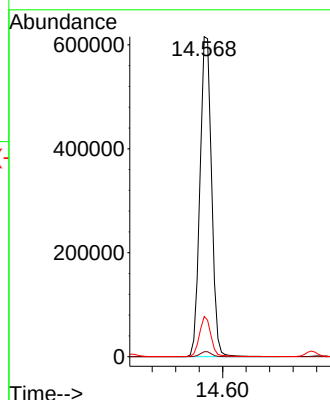
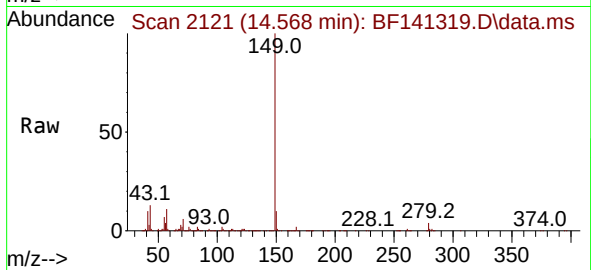




#85
Di-n-octyl phthalate
Concen: 38.619 ng
RT: 14.568 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

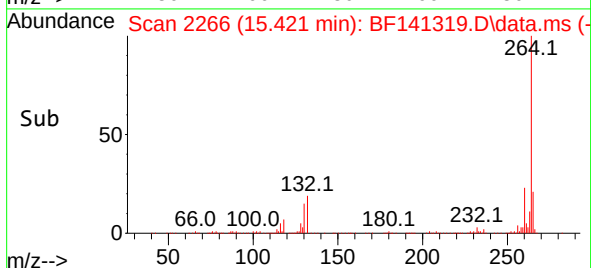
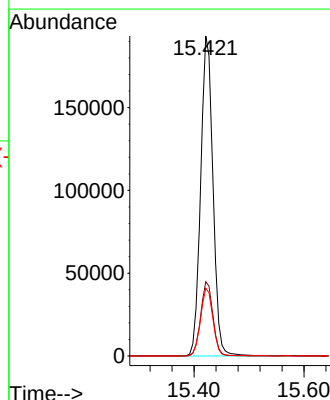
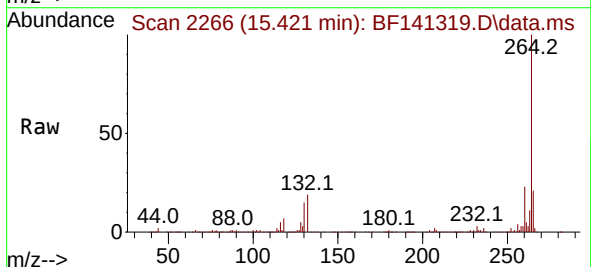
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

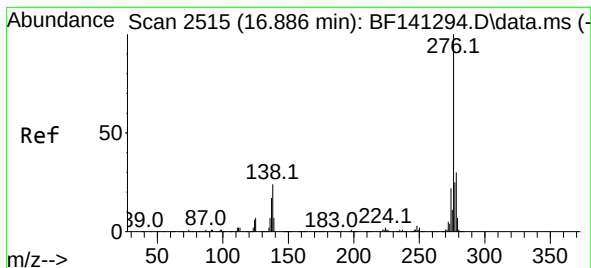
Tgt Ion:149 Resp: 843000
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.3 9.8 14.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:264 Resp: 300994
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.2 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.201 ng

RT: 16.874 min Scan# 2195

Delta R.T. -0.024 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

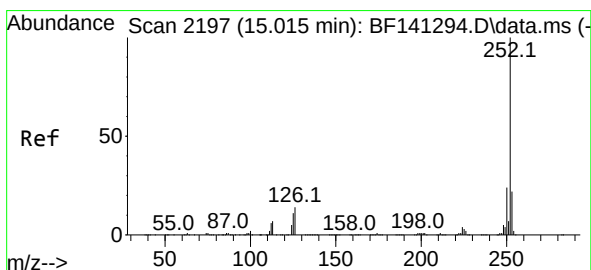
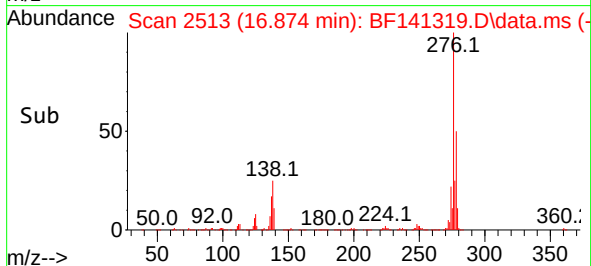
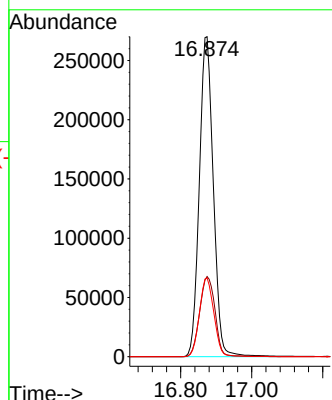
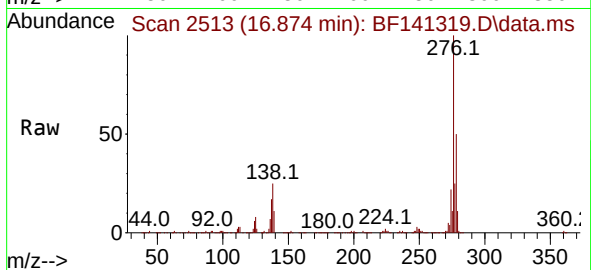
Tgt Ion:276 Resp: 742134

Ion Ratio Lower Upper

276 100

138 27.5 21.7 32.5

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 36.848 ng

RT: 15.004 min Scan# 2195

Delta R.T. -0.018 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

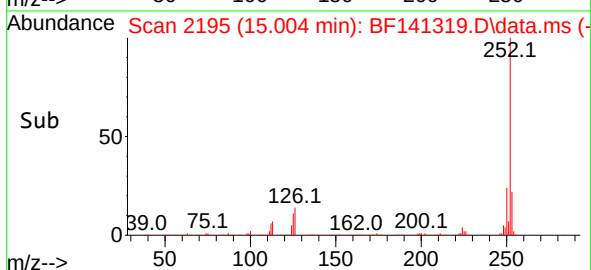
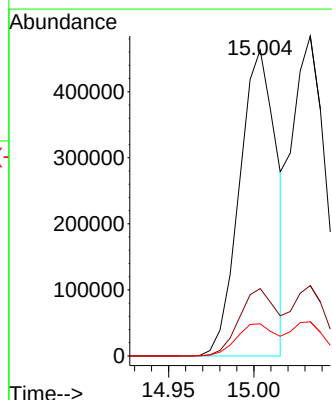
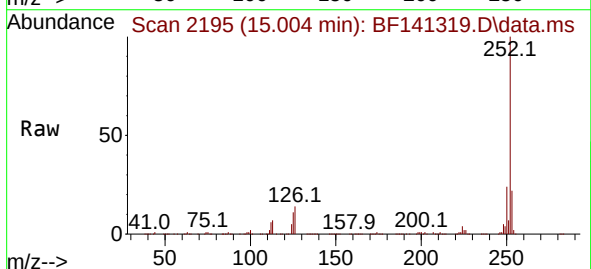
Tgt Ion:252 Resp: 697649

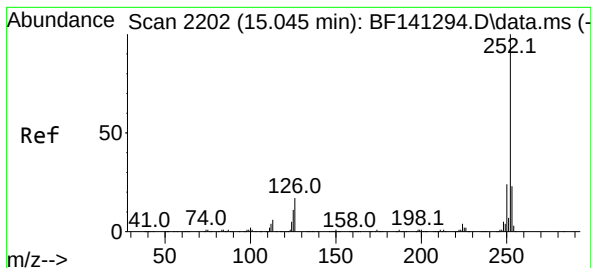
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 10.5 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 39.698 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

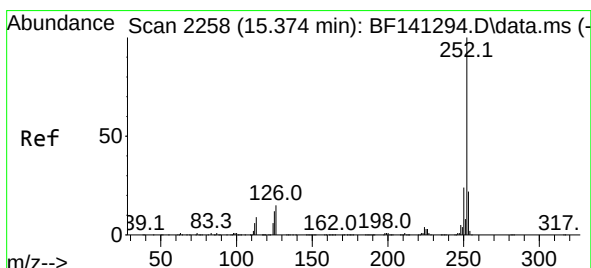
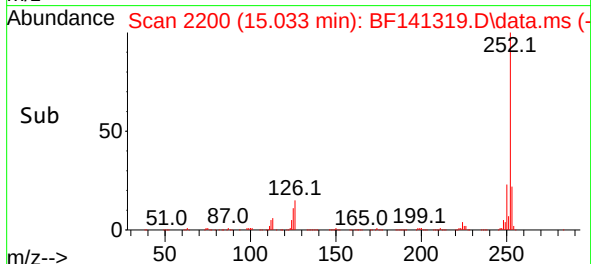
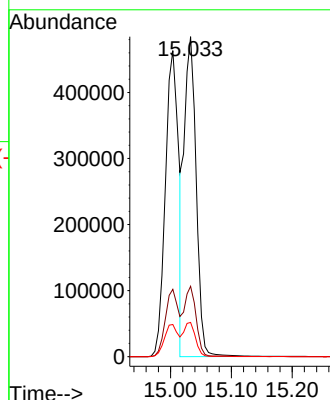
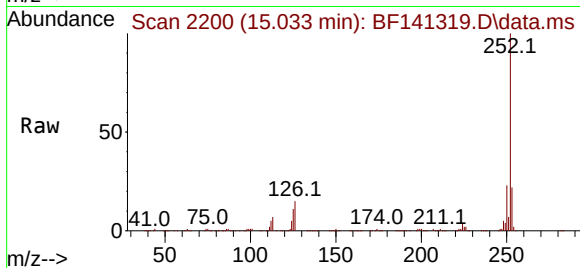
Tgt Ion:252 Resp: 665836

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.7 8.4 12.6



#90

Benzo(a)pyrene

Concen: 37.684 ng

RT: 15.362 min Scan# 2256

Delta R.T. -0.018 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

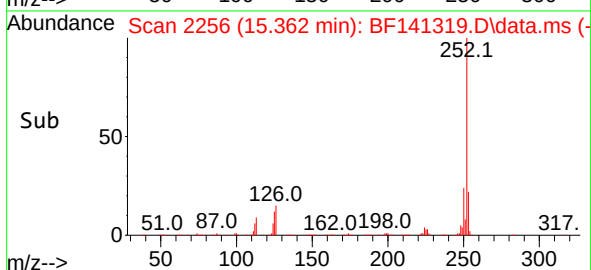
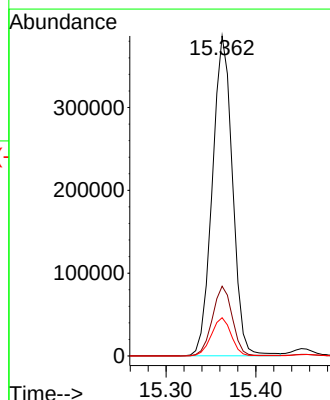
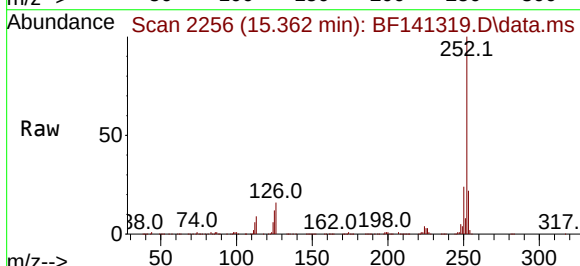
Tgt Ion:252 Resp: 602926

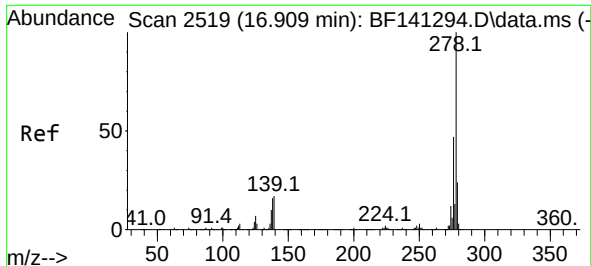
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 11.9 9.4 14.2

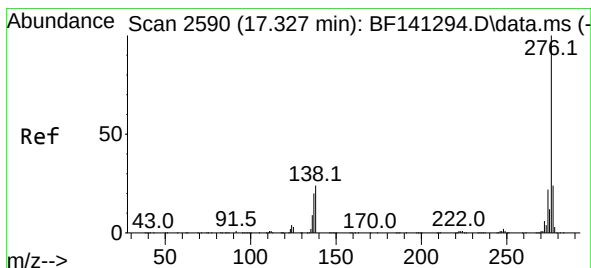
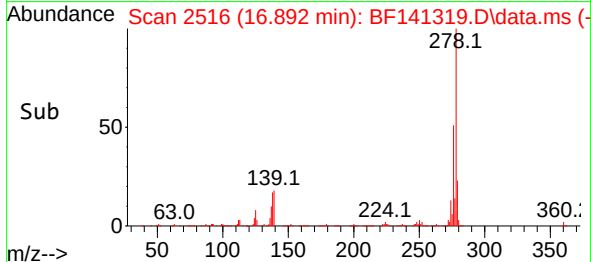
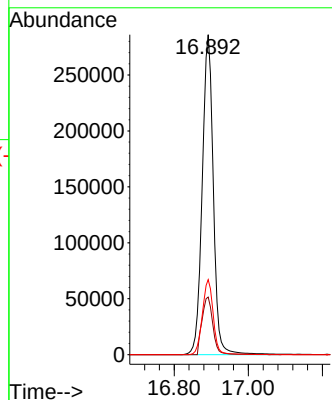
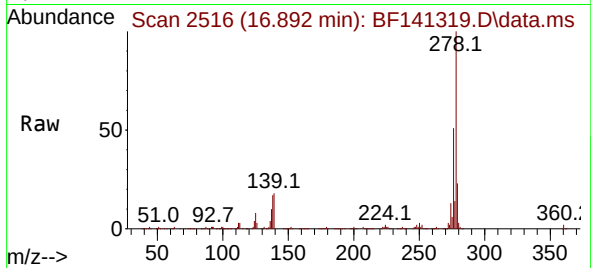




#91
Dibenzo(a,h)anthracene
Concen: 38.060 ng
RT: 16.892 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

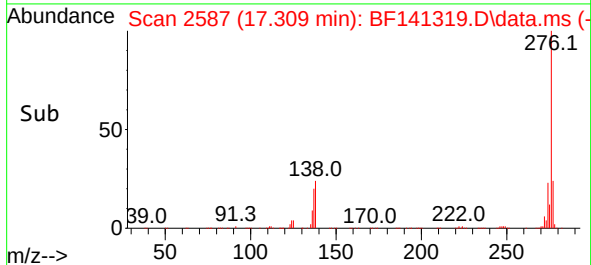
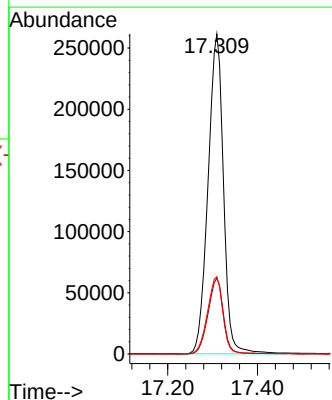
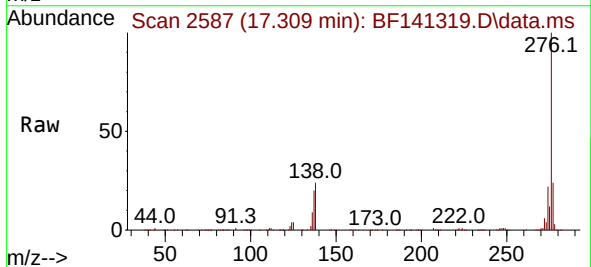
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 594869
Ion Ratio Lower Upper
278 100
139 18.0 13.9 20.9
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 38.327 ng
RT: 17.309 min Scan# 2587
Delta R.T. -0.035 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:276 Resp: 622871
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 24.2 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141326.D
 Acq On : 31 Jan 2025 12:28
 Operator : RC/JU
 Sample : PB166363BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166363BS

Quant Time: Jan 31 12:58:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	157375	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	639100	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	341634	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	567661	20.000	ng	0.00
76) Chrysene-d12	13.968	240	360251	20.000	ng	0.00
86) Perylene-d12	15.427	264	306952	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1198128	116.878	ng	0.00
7) Phenol-d6	6.434	99	1524170	116.878	ng	0.00
23) Nitrobenzene-d5	7.363	82	984991	81.247	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	392837	125.427	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1711912	77.128	ng	0.00
79) Terphenyl-d14	12.916	244	1923163	82.328	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	161856	35.901	ng	99
3) Pyridine	3.310	79	393522	36.228	ng	99
4) n-Nitrosodimethylamine	3.257	42	237037	38.199	ng	98
6) Aniline	6.463	93	454604	41.182	ng	97
8) 2-Chlorophenol	6.581	128	434676	39.561	ng	98
9) Benzaldehyde	6.351	77	371187	49.140	ng	99
10) Phenol	6.445	94	522357	37.787	ng	90
11) bis(2-Chloroethyl)ether	6.534	93	402104	37.937	ng	99
12) 1,3-Dichlorobenzene	6.739	146	436015	35.991	ng	99
13) 1,4-Dichlorobenzene	6.816	146	440169	36.167	ng	99
14) 1,2-Dichlorobenzene	6.969	146	424389	37.239	ng	98
15) Benzyl Alcohol	6.939	79	366635	41.140	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	733035	39.771	ng	99
17) 2-Methylphenol	7.051	107	354888	39.742	ng	99
18) Hexachloroethane	7.310	117	164916	36.732	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	296992	38.327	ng	96
20) 3+4-Methylphenols	7.204	107	413807	37.741	ng	95
22) Acetophenone	7.210	105	621280	40.897	ng	99
24) Nitrobenzene	7.381	77	449375	35.768	ng	100
25) Isophorone	7.622	82	828323	39.526	ng	99
26) 2-Nitrophenol	7.698	139	226262	38.187	ng	99
27) 2,4-Dimethylphenol	7.734	122	365777	48.501	ng	99
28) bis(2-Chloroethoxy)met...	7.833	93	505927	37.848	ng	99
29) 2,4-Dichlorophenol	7.939	162	349567	37.862	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	368330	34.933	ng	100
31) Naphthalene	8.104	128	1216274	36.025	ng	100
32) Benzoic acid	7.857	122	302716	43.663	ng	99
33) 4-Chloroaniline	8.151	127	164703	14.386	ng	98
34) Hexachlorobutadiene	8.222	225	217527	35.179	ng	99
35) Caprolactam	8.522	113	86597	28.719	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	388117	39.190	ng	97
37) 2-Methylnaphthalene	8.792	142	768048	35.792	ng	99
38) 1-Methylnaphthalene	8.892	142	759228	36.018	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	388845	40.008	ng	98
41) Hexachlorocyclopentadiene	8.945	237	451802	157.404	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	249335	39.194	ng	100

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 Acq On : 31 Jan 2025 12:28
 Operator : RC/JU
 Sample : PB166363BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

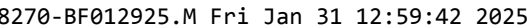
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 ClientSampleId :
 PB166363BS

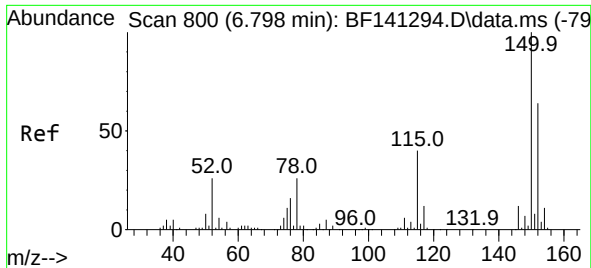
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	259595	37.493	ng	98
46) 1,1'-Biphenyl	9.257	154	1087669	40.823	ng	99
47) 2-Chloronaphthalene	9.286	162	745432	35.895	ng	98
48) 2-Nitroaniline	9.380	65	254788	39.006	ng	99
49) Acenaphthylene	9.698	152	1166625	40.131	ng	100
50) Dimethylphthalate	9.563	163	886423	38.417	ng	99
51) 2,6-Dinitrotoluene	9.622	165	200607	37.444	ng	99
52) Acenaphthene	9.875	154	871464	41.962	ng	99
53) 3-Nitroaniline	9.792	138	107700	20.511	ng	100
54) 2,4-Dinitrophenol	9.898	184	233111	93.602	ng	95
55) Dibenzofuran	10.045	168	1049171	37.742	ng	99
56) 4-Nitrophenol	9.957	139	337626	87.919	ng	99
57) 2,4-Dinitrotoluene	10.027	165	275815	39.763	ng	98
58) Fluorene	10.386	166	799362	37.071	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	224854	41.280	ng	99
60) Diethylphthalate	10.263	149	857103	38.310	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	381746	36.243	ng	99
62) 4-Nitroaniline	10.410	138	203068	39.336	ng	99
63) Azobenzene	10.539	77	875236	39.082	ng	100
65) 4,6-Dinitro-2-methylph...	10.439	198	154237	45.935	ng	97
66) n-Nitrosodiphenylamine	10.498	169	730726	39.799	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	251332	39.548	ng	98
68) Hexachlorobenzene	10.933	284	262205	38.896	ng	99
69) Atrazine	11.027	200	281085	45.789	ng	99
70) Pentachlorophenol	11.127	266	332283	84.175	ng	99
71) Phenanthrene	11.351	178	1227588	40.230	ng	100
72) Anthracene	11.404	178	1253177	41.915	ng	100
73) Carbazole	11.557	167	1085415	40.941	ng	99
74) Di-n-butylphthalate	11.892	149	1338697	41.666	ng	100
75) Fluoranthene	12.539	202	1243504	41.272	ng	99
77) Benzidine	12.663	184	666846	57.740	ng	100
78) Pyrene	12.768	202	1267965	36.667	ng	100
80) Butylbenzylphthalate	13.392	149	522487	43.249	ng	100
81) Benzo(a)anthracene	13.957	228	916653	36.874	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	147134	18.609	ng	99
83) Chrysene	13.998	228	912171	40.038	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	631697	41.219	ng	99
85) Di-n-octyl phthalate	14.574	149	1001969	42.094	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	815928	41.185	ng	99
88) Benzo(b)fluoranthene	15.010	252	777569	40.272	ng	100
89) Benzo(k)fluoranthene	15.039	252	754365	44.103	ng	100
90) Benzo(a)pyrene	15.368	252	713591	43.735	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	650927	40.839	ng	100
92) Benzo(g,h,i)perylene	17.315	276	637520	38.467	ng	99

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

Quant Time: Jan 31 12:58:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

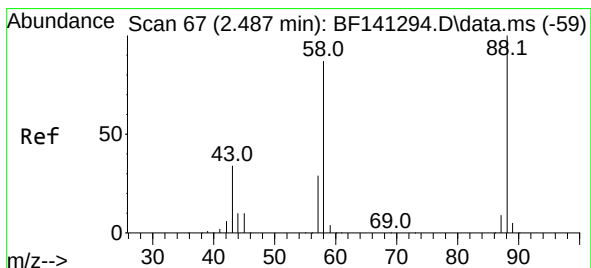
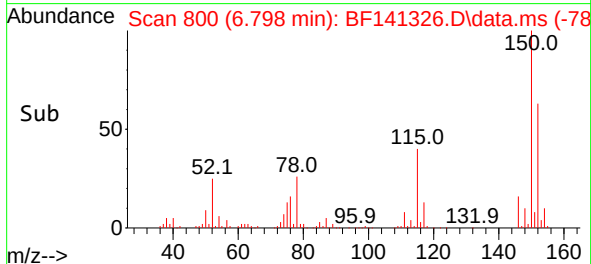
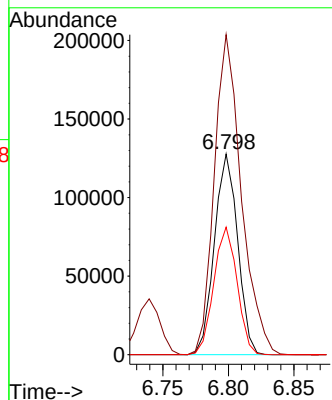
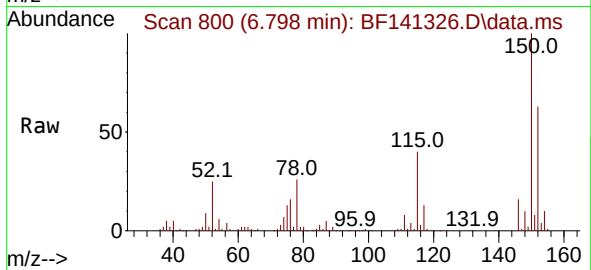




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

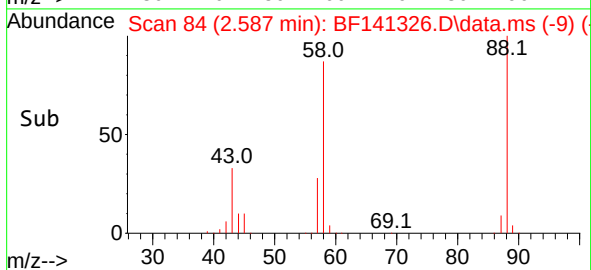
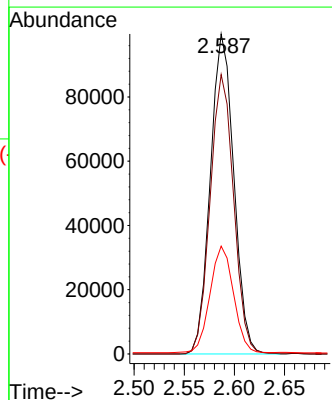
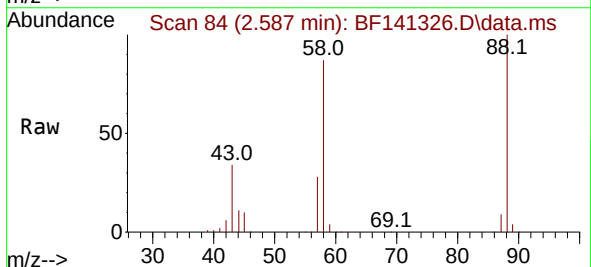
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 ClientSampleId :
 PB166363BS

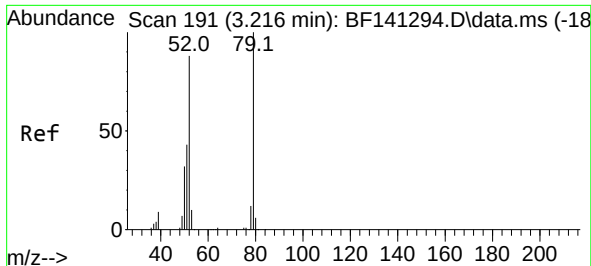
Tgt Ion:152 Resp: 157375
 Ion Ratio Lower Upper
 152 100
 150 159.5 125.9 188.9
 115 63.6 49.7 74.5



#2
 1,4-Dioxane
 Concen: 35.901 ng
 RT: 2.587 min Scan# 84
 Delta R.T. 0.094 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

Tgt Ion: 88 Resp: 161856
 Ion Ratio Lower Upper
 88 100
 58 87.6 70.2 105.4
 43 33.3 27.6 41.4





#3

Pyridine

Concen: 36.228 ng

RT: 3.310 min Scan# 207

Delta R.T. 0.082 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

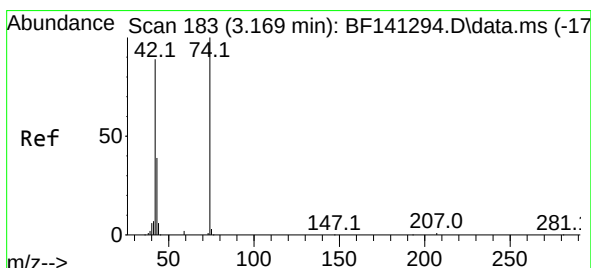
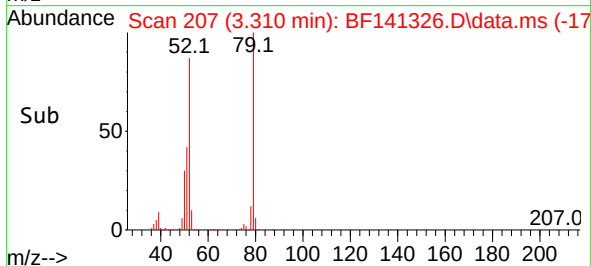
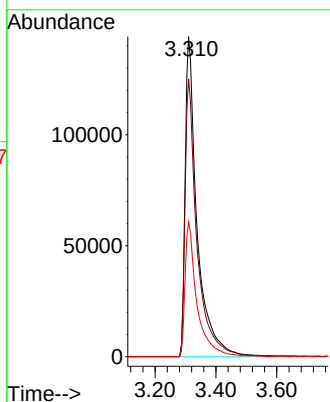
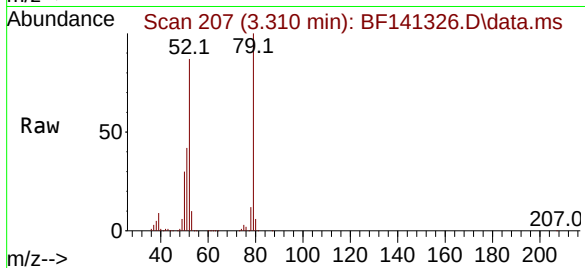
Tgt Ion: 79 Resp: 393522

Ion Ratio Lower Upper

79 100

52 86.8 70.3 105.5

51 42.1 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 38.199 ng

RT: 3.257 min Scan# 198

Delta R.T. 0.059 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

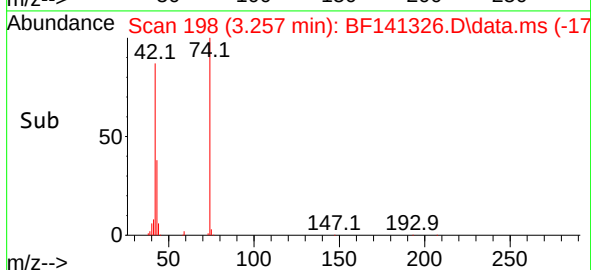
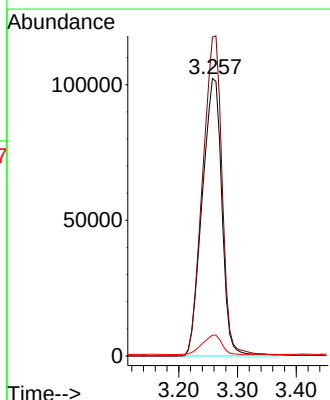
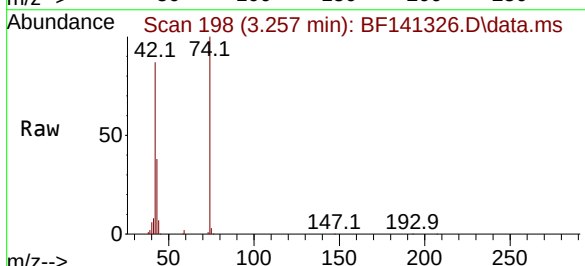
Tgt Ion: 42 Resp: 237037

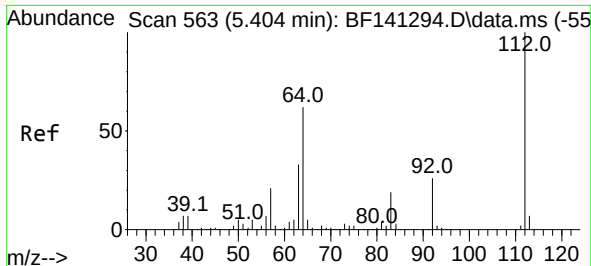
Ion Ratio Lower Upper

42 100

74 114.9 90.3 135.5

44 7.5 5.7 8.5

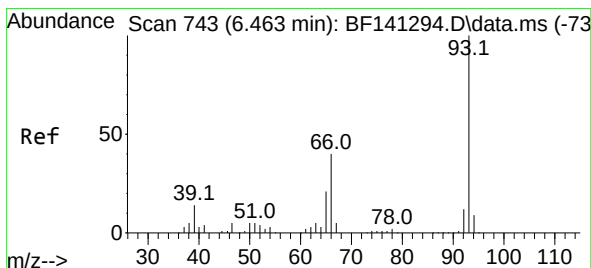
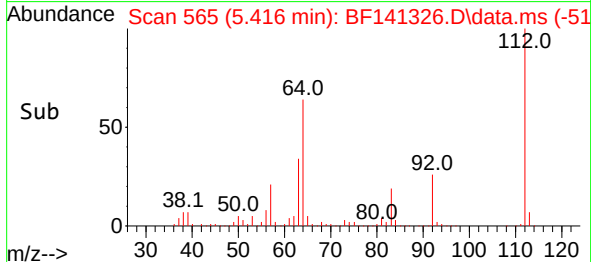
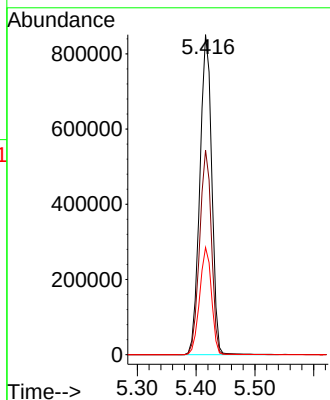
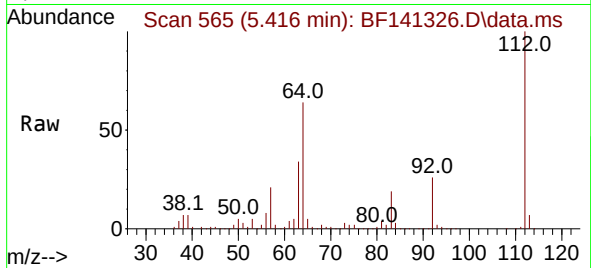




#5
2-Fluorophenol
Concen: 116.878 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

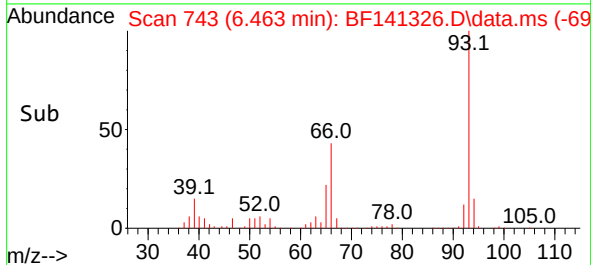
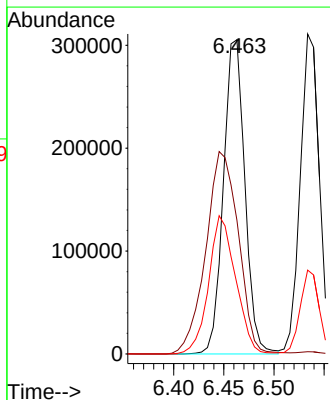
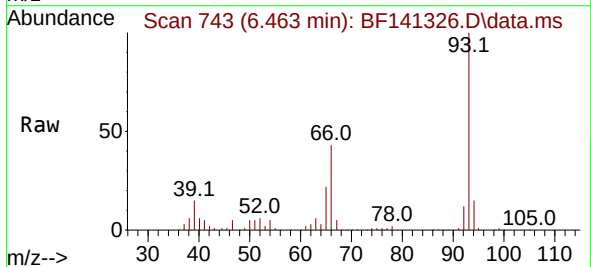
Instrument :
BNA_F
ClientSampleId :
PB166363BS

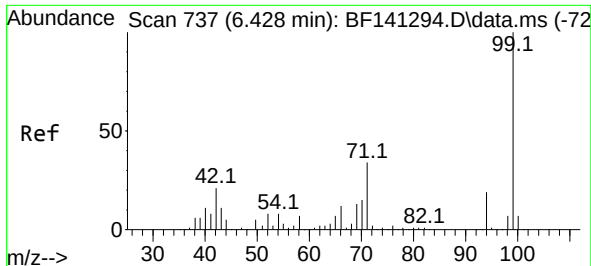
Tgt Ion:112 Resp: 1198128
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.8
63 33.5 26.1 39.1



#6
Aniline
Concen: 41.182 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 93 Resp: 454604
Ion Ratio Lower Upper
93 100
66 42.6 32.5 48.7
65 22.3 17.0 25.6

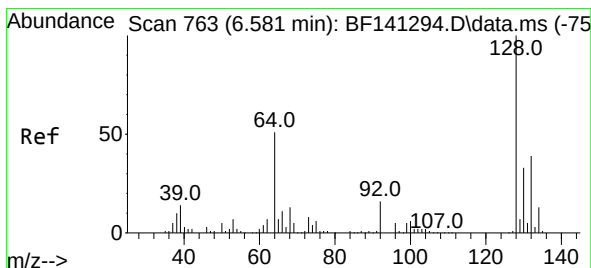
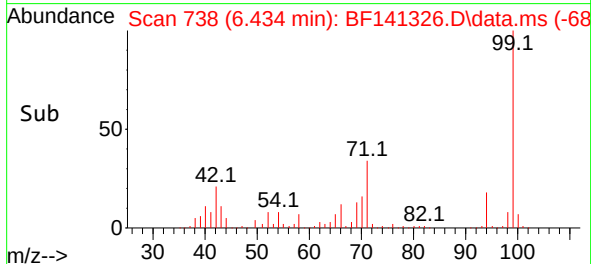
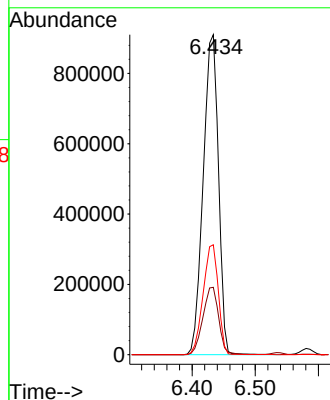
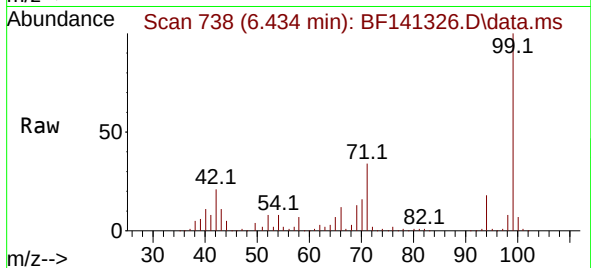




#7
Phenol-d6
Concen: 116.878 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

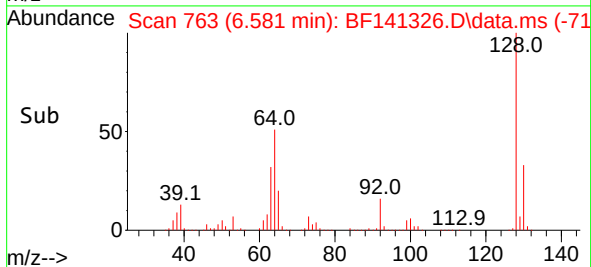
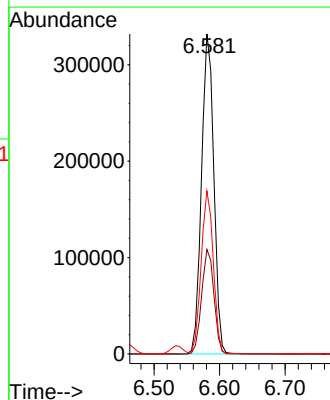
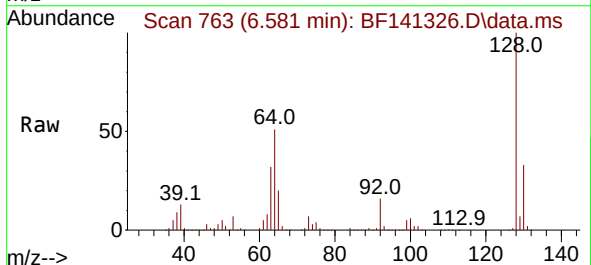
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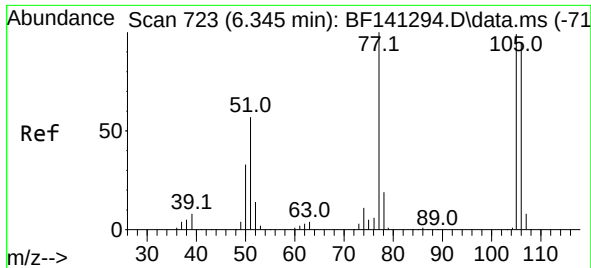
Tgt Ion: 99 Resp: 1524170
Ion Ratio Lower Upper
99 100
42 21.1 17.1 25.7
71 34.3 26.9 40.3



#8
2-Chlorophenol
Concen: 39.561 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:128 Resp: 434676
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 51.0 32.9 72.9

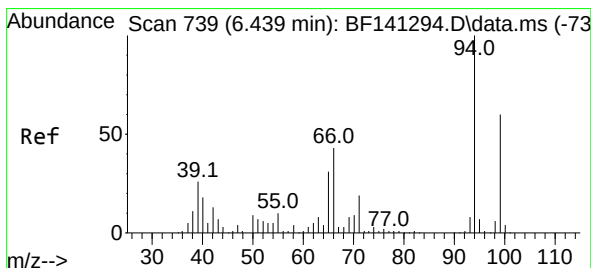
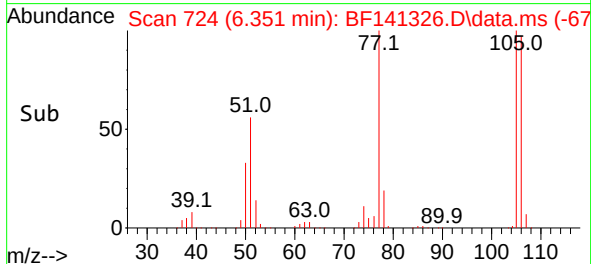
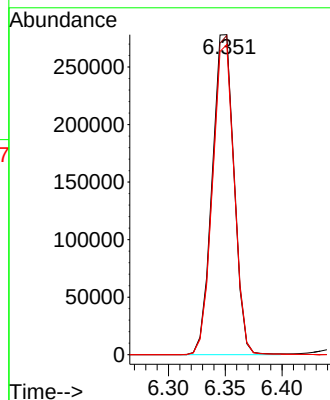
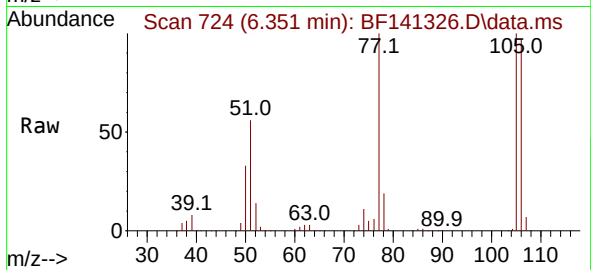




#9
Benzaldehyde
Concen: 49.140 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

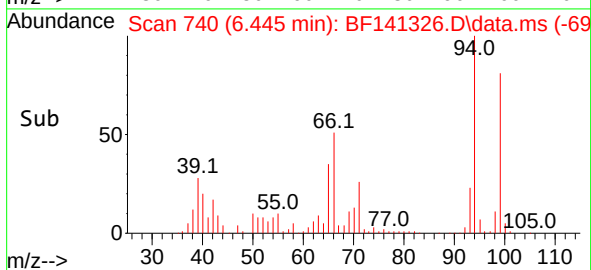
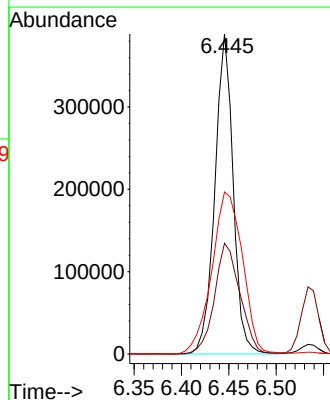
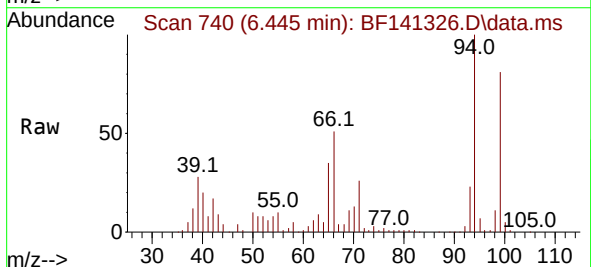
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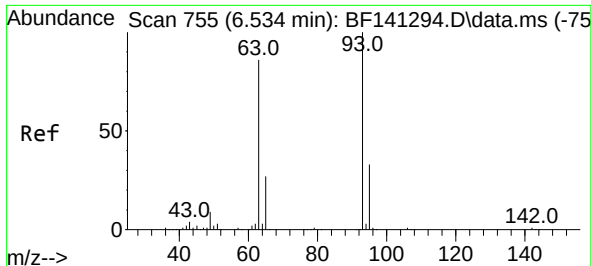
Tgt Ion: 77 Resp: 371187
Ion Ratio Lower Upper
77 100
105 99.7 79.4 119.4
106 96.9 74.6 114.6



#10
Phenol
Concen: 37.787 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 94 Resp: 522357
Ion Ratio Lower Upper
94 100
65 34.6 10.8 50.8
66 50.6 23.3 63.3





#11

bis(2-Chloroethyl)ether

Concen: 37.937 ng

RT: 6.534 min Scan# 755

Delta R.T. -0.012 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

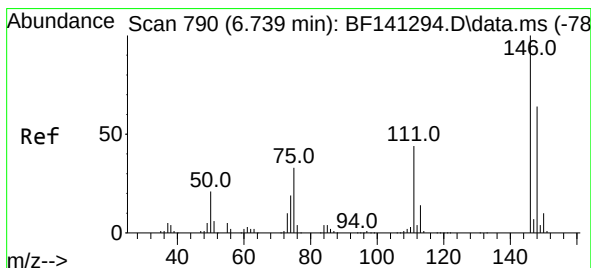
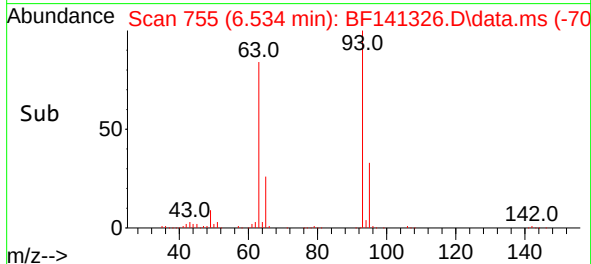
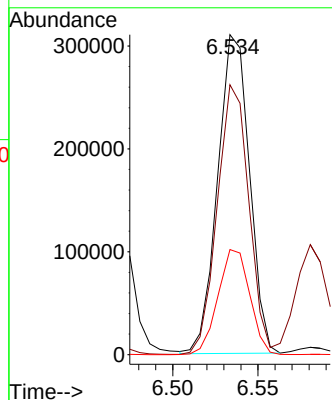
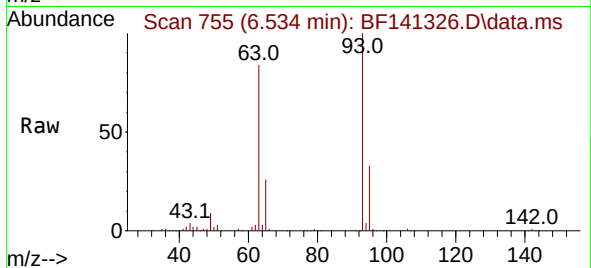
Tgt Ion: 93 Resp: 402104

Ion Ratio Lower Upper

93 100

63 84.4 65.0 105.0

95 32.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 35.991 ng

RT: 6.739 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

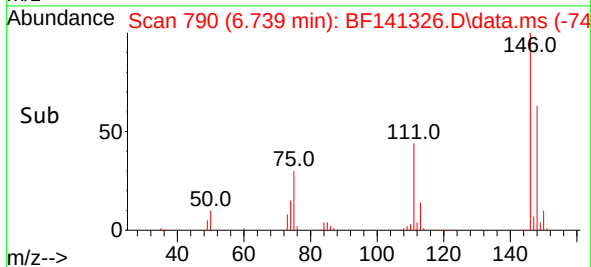
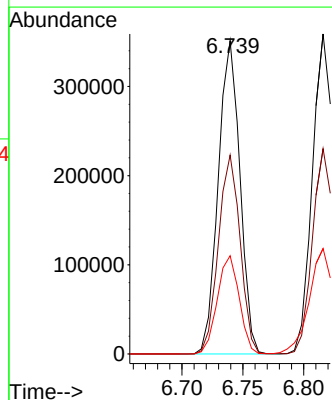
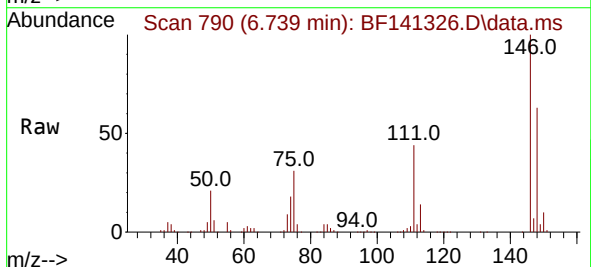
Tgt Ion:146 Resp: 436015

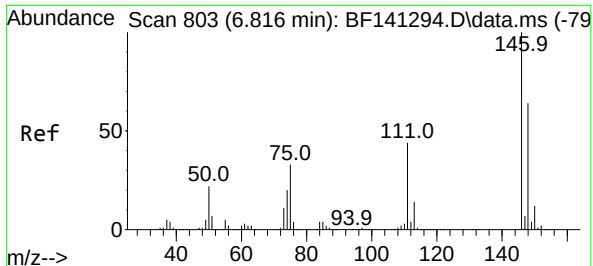
Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

75 31.4 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.167 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

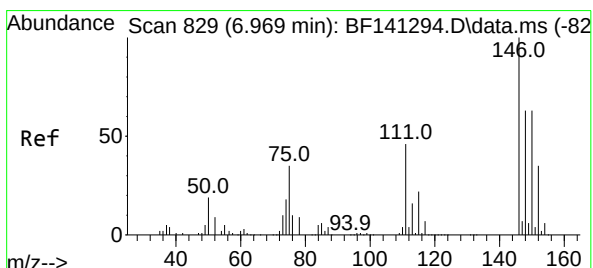
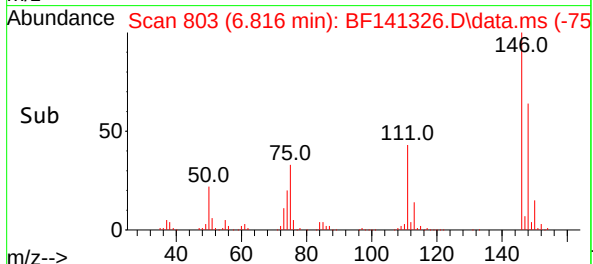
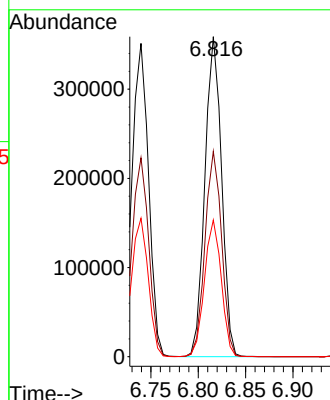
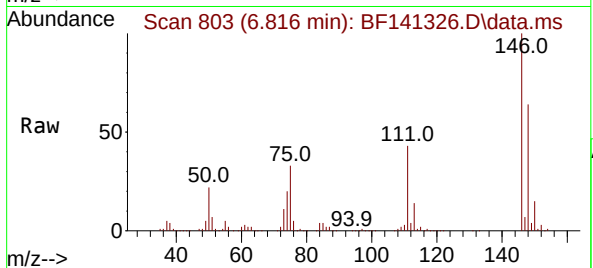
Tgt Ion:146 Resp: 440169

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

111 42.7 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 37.239 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

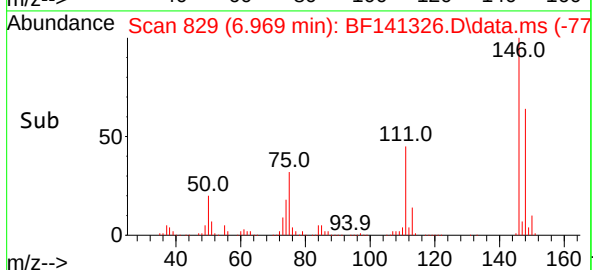
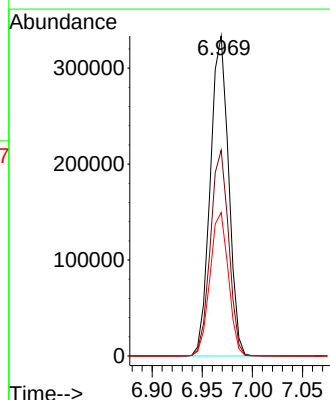
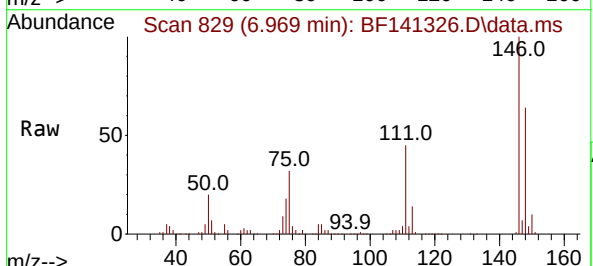
Tgt Ion:146 Resp: 424389

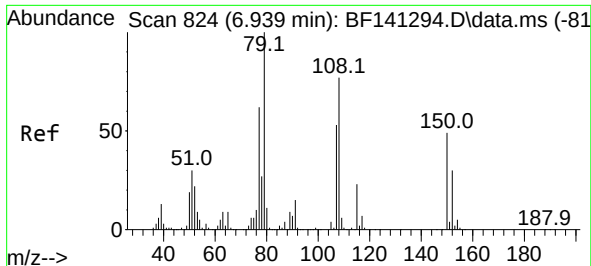
Ion Ratio Lower Upper

146 100

148 64.3 50.5 75.7

111 44.8 36.6 55.0

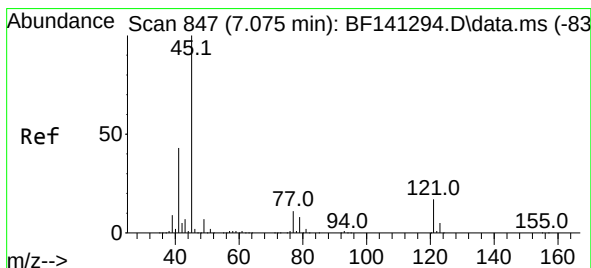
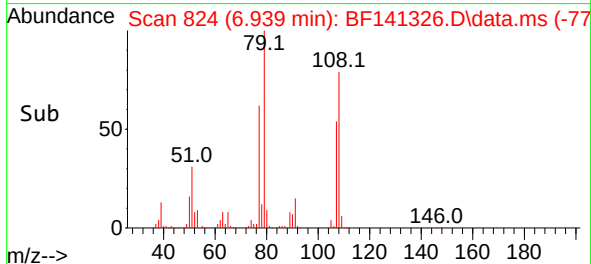
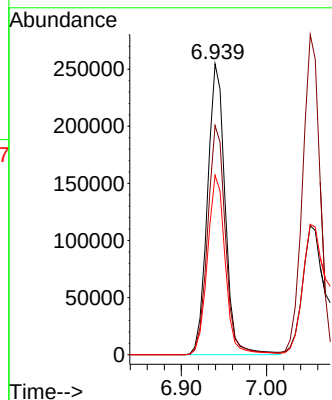
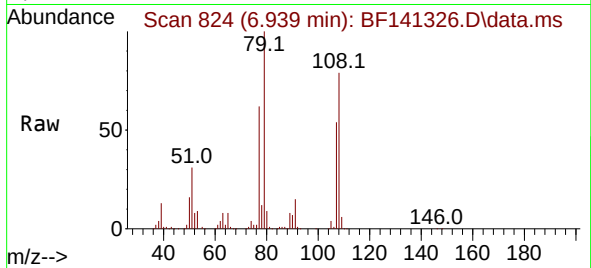




#15
Benzyl Alcohol
Concen: 41.140 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

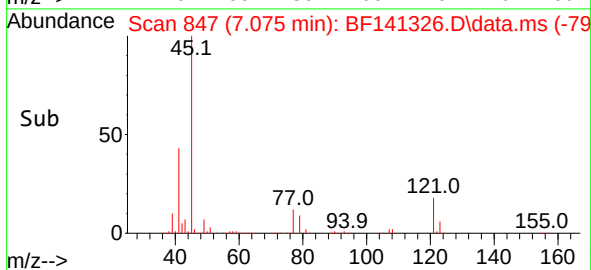
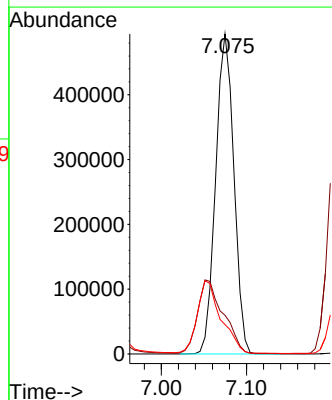
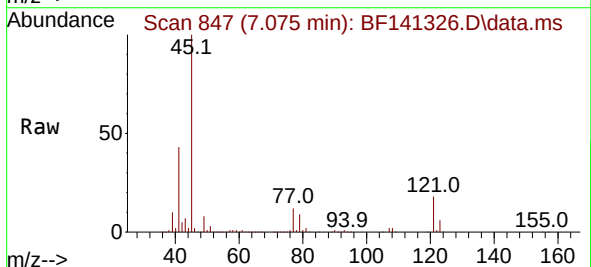
Instrument :
BNA_F
ClientSampleId :
PB166363BS

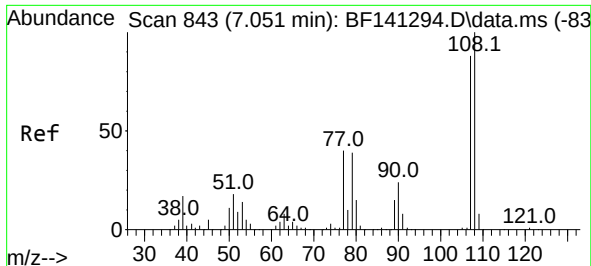
Tgt Ion: 79 Resp: 366635
Ion Ratio Lower Upper
79 100
108 78.8 61.4 92.0
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.771 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 45 Resp: 733035
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.8
79 9.2 0.0 29.1

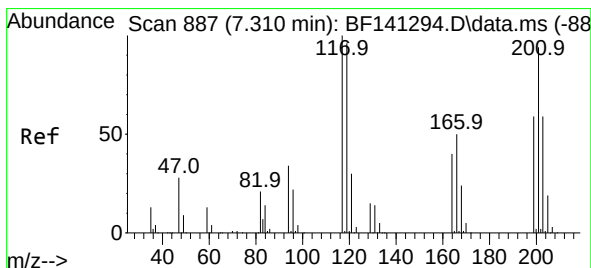
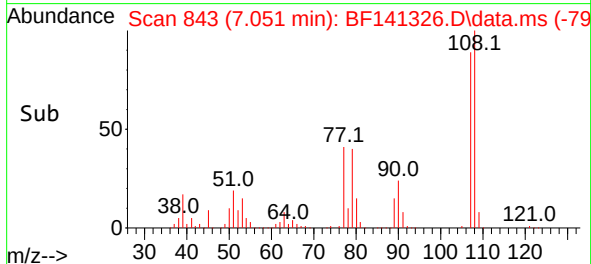
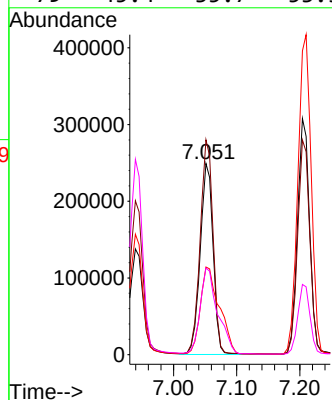
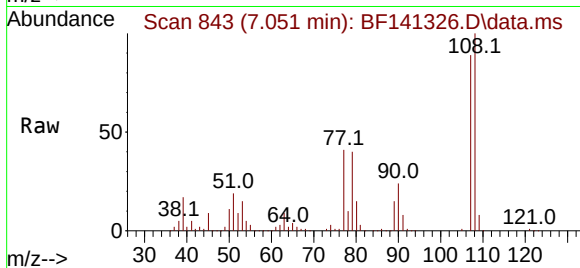




#17
2-Methylphenol
Concen: 39.742 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

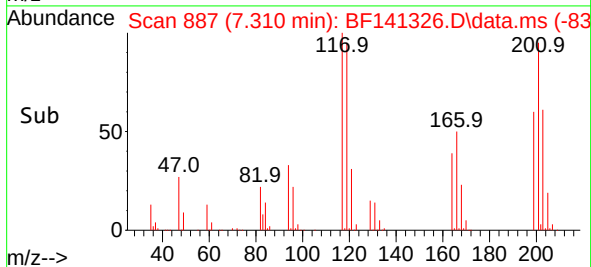
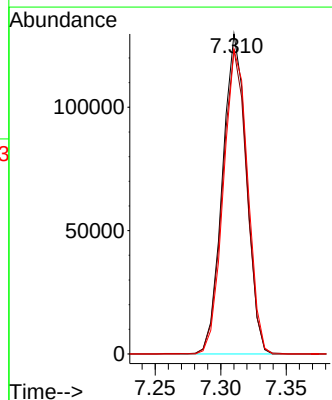
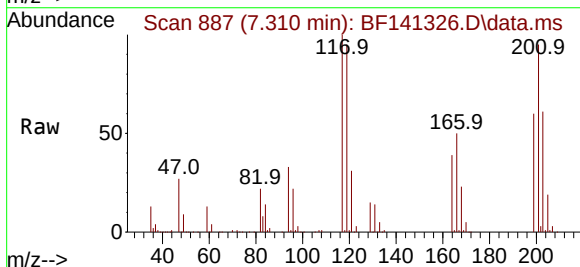
Instrument :
BNA_F
ClientSampleId :
PB166363BS

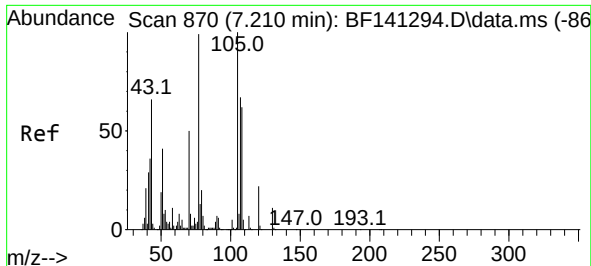
Tgt Ion:	107	Resp:	354888
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.8	136.2
77	45.8	36.2	54.4
79	45.4	35.7	53.5



#18
Hexachloroethane
Concen: 36.732 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:	117	Resp:	164916
Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	114.8
201	95.1	74.8	112.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.327 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

Tgt Ion: 70 Resp: 296992

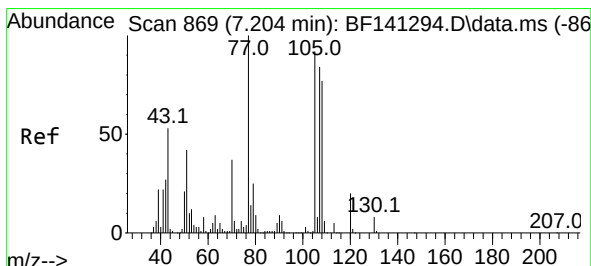
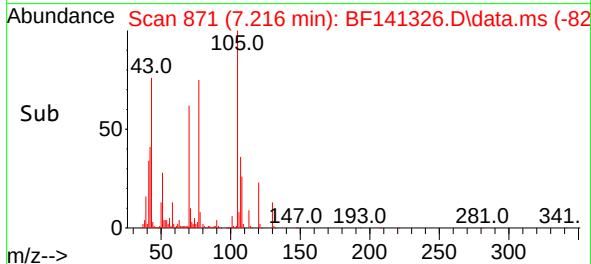
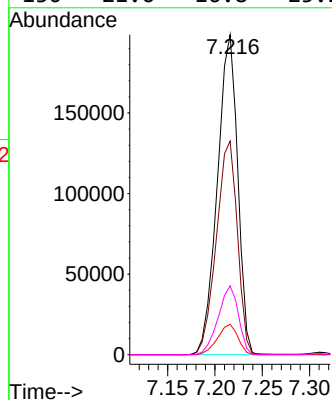
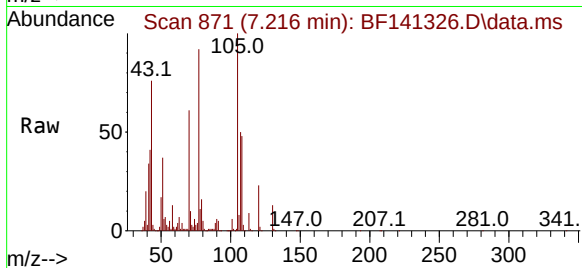
Ion Ratio Lower Upper

70 100

42 66.7 56.8 85.2

101 9.5 7.7 11.5

130 21.6 16.8 25.2



#20

3+4-Methylphenols

Concen: 37.741 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Tgt Ion: 107 Resp: 413807

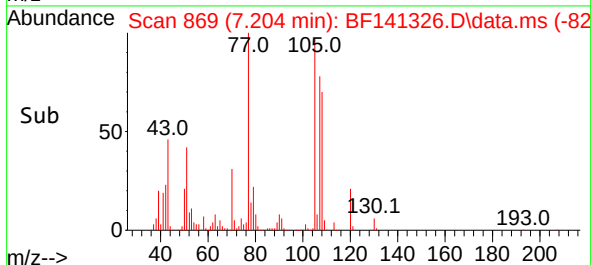
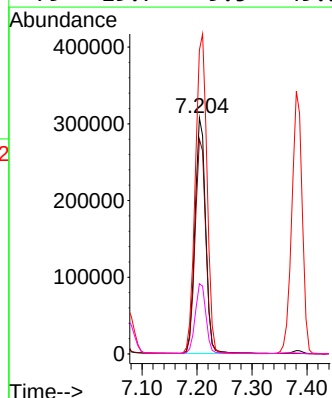
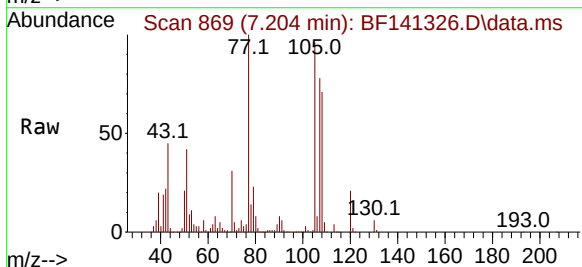
Ion Ratio Lower Upper

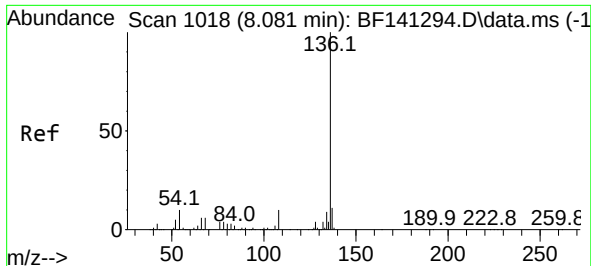
107 100

108 90.9 70.9 110.9

77 128.6 98.5 138.5

79 29.7 9.5 49.5



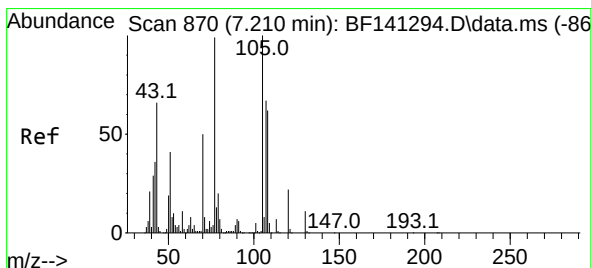
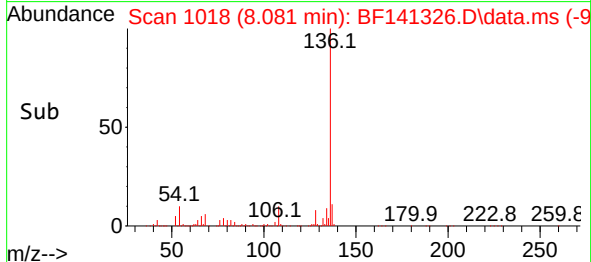
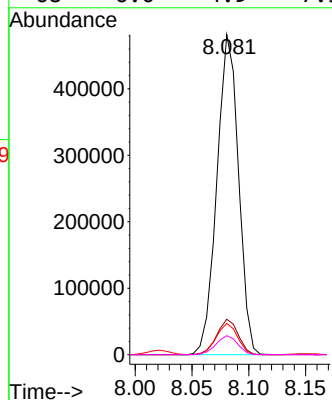
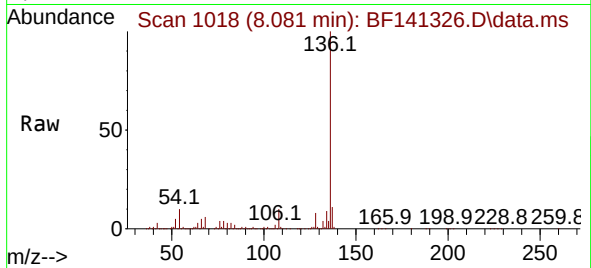


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:136 Resp: 639100

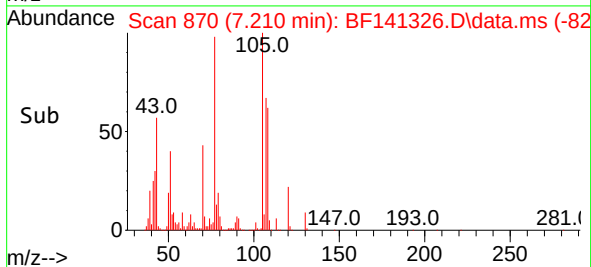
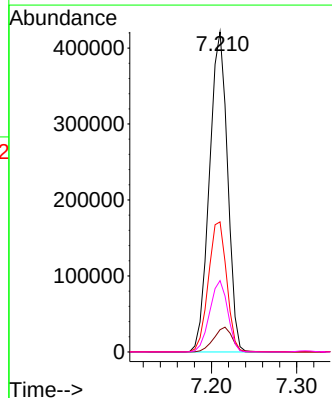
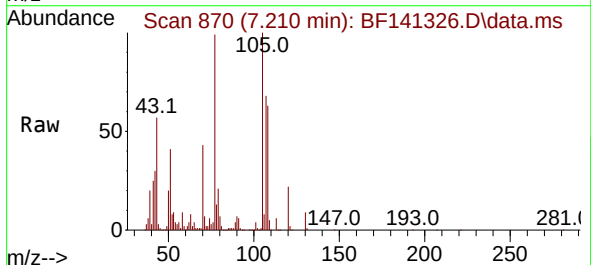
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.8	7.8	11.8
68	6.0	4.9	7.3

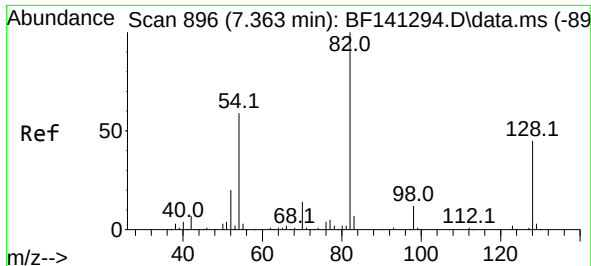


#22
Acetophenone
Concen: 40.897 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:105 Resp: 621280

Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.8	10.2
51	40.6	32.6	49.0
120	22.3	17.4	26.0





#23

Nitrobenzene-d5

Concen: 81.247 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

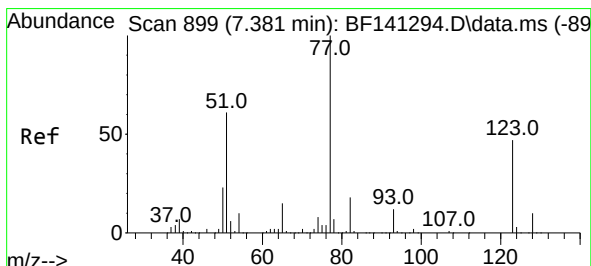
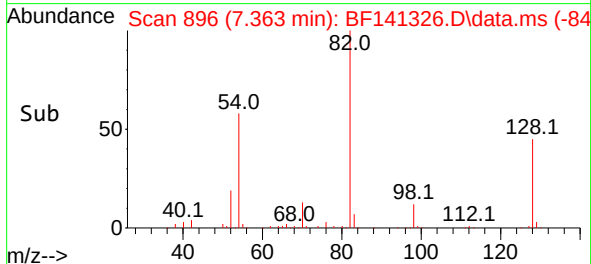
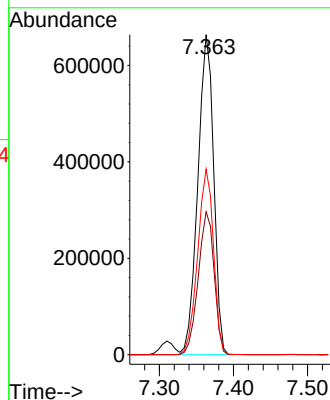
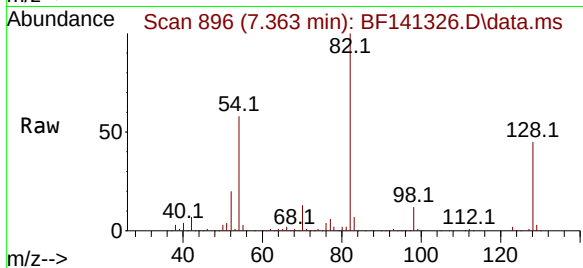
Tgt Ion: 82 Resp: 984991

Ion Ratio Lower Upper

82 100

128 44.7 35.7 53.5

54 57.9 47.1 70.7



#24

Nitrobenzene

Concen: 35.768 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

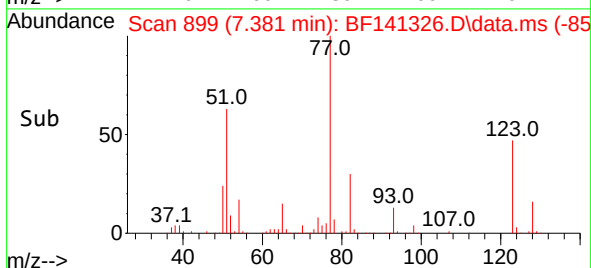
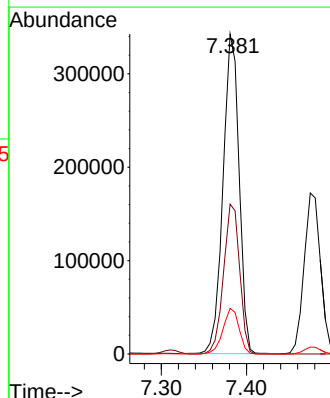
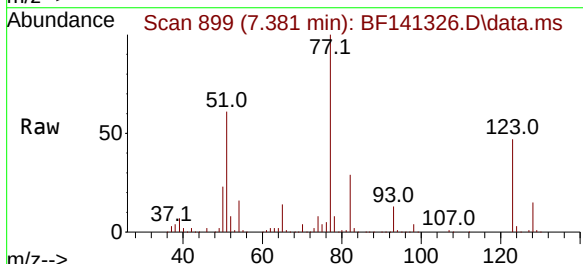
Tgt Ion: 77 Resp: 449375

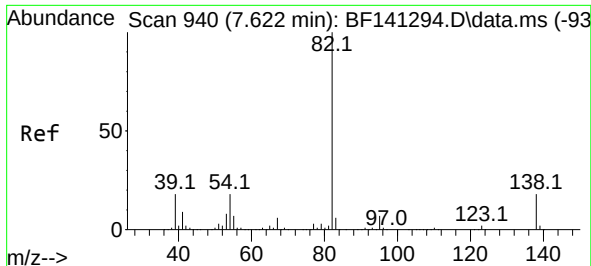
Ion Ratio Lower Upper

77 100

123 46.8 37.3 55.9

65 14.3 11.8 17.6

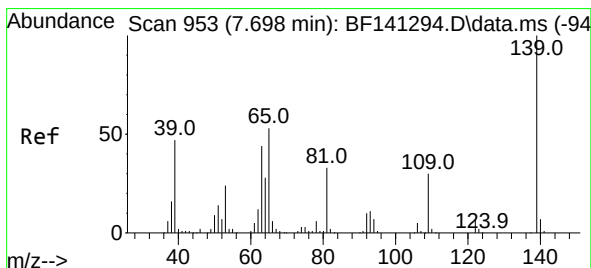
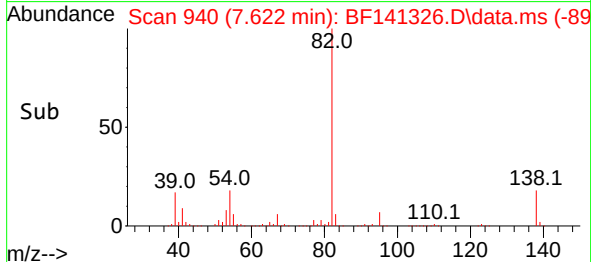
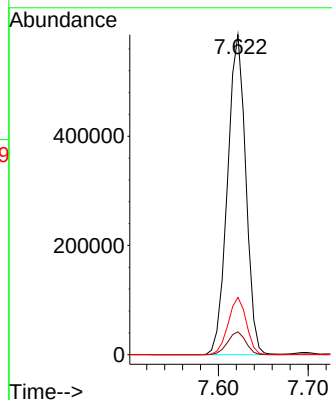
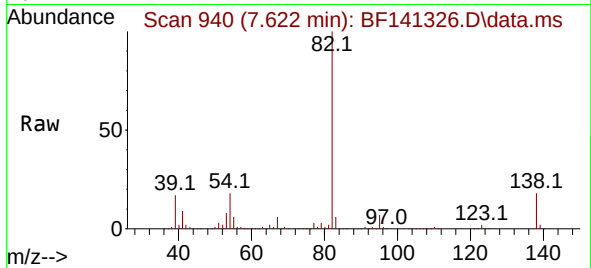




#25
Isophorone
Concen: 39.526 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

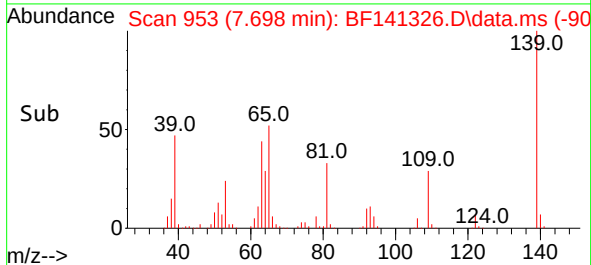
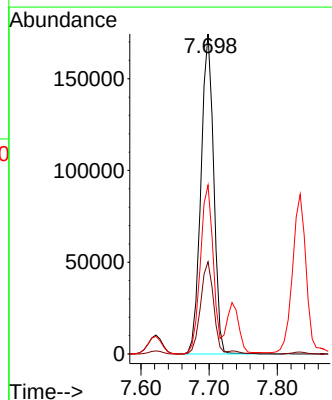
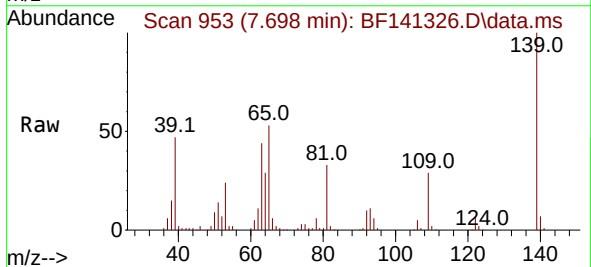
Instrument :
BNA_F
ClientSampleId :
PB166363BS

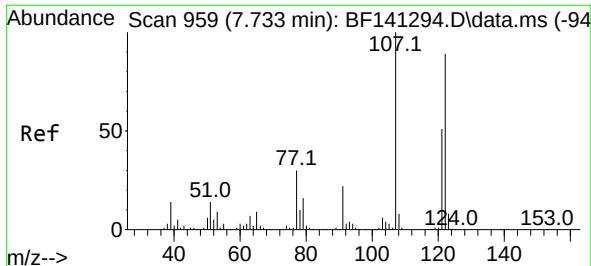
Tgt Ion: 82 Resp: 828323
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.9 14.7 22.1



#26
2-Nitrophenol
Concen: 38.187 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:139 Resp: 226262
Ion Ratio Lower Upper
139 100
109 28.8 23.8 35.6
65 52.7 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 48.501 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

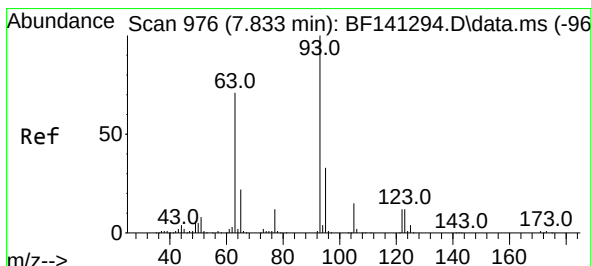
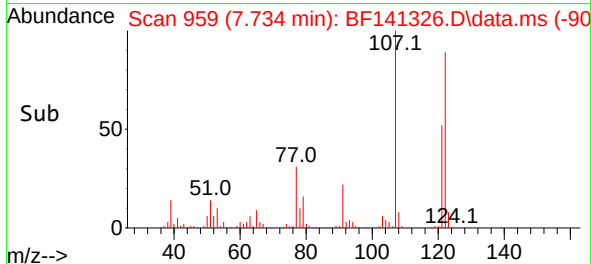
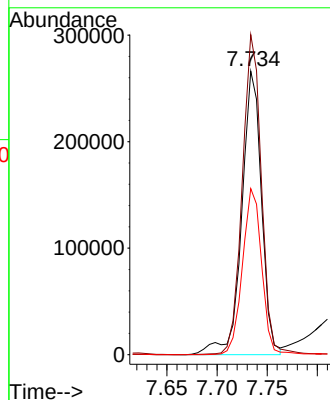
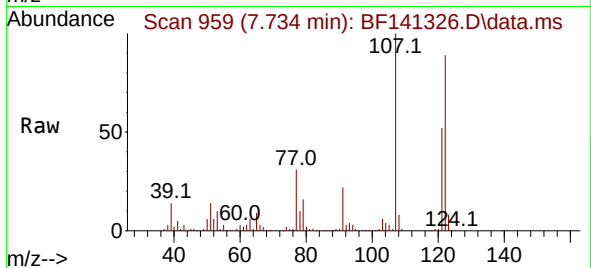
Tgt Ion:122 Resp: 365777

Ion Ratio Lower Upper

122 100

107 112.8 89.9 134.9

121 58.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.848 ng

RT: 7.833 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

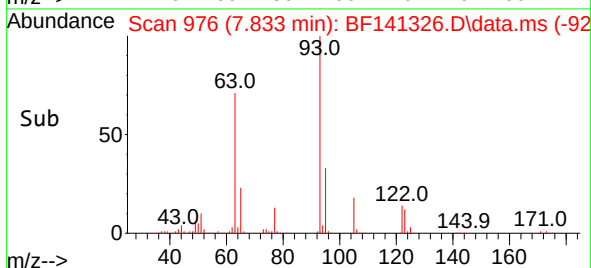
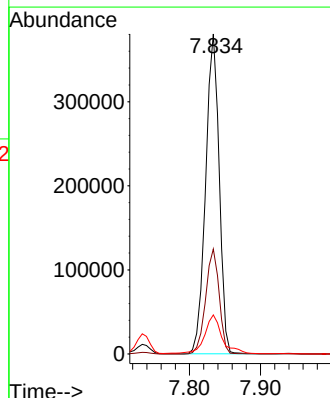
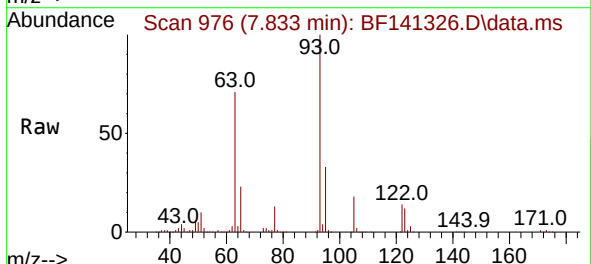
Tgt Ion: 93 Resp: 505927

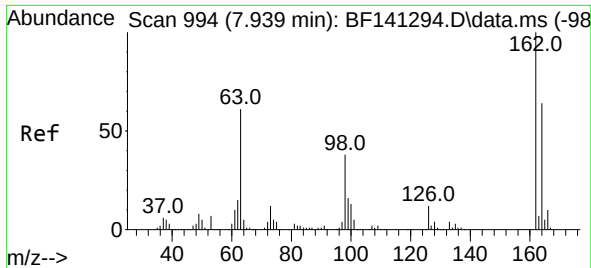
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 12.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 37.862 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

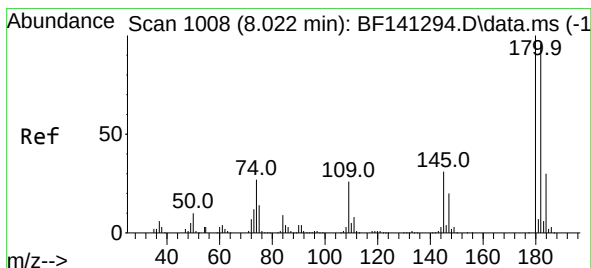
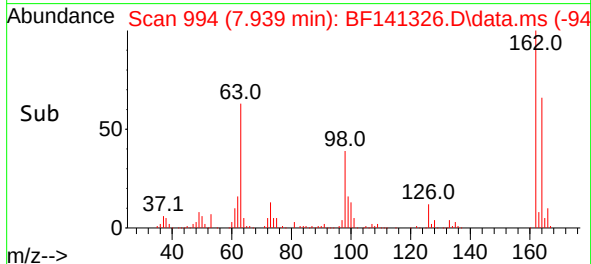
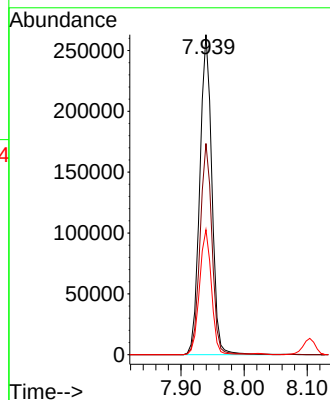
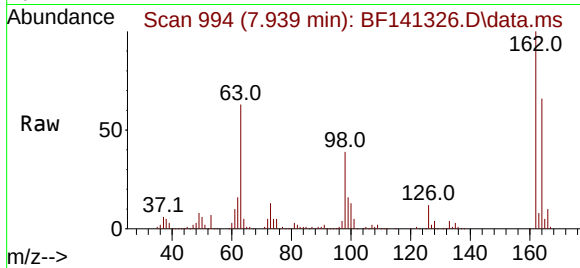
Tgt Ion:162 Resp: 349567

Ion Ratio Lower Upper

162 100

164 66.0 44.2 84.2

98 39.1 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 34.933 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

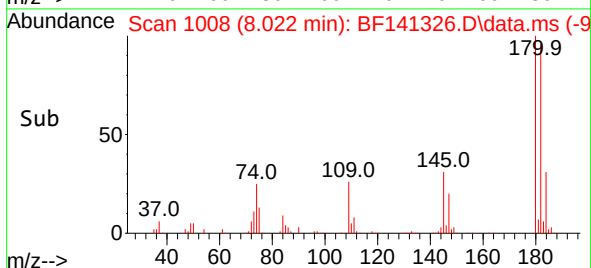
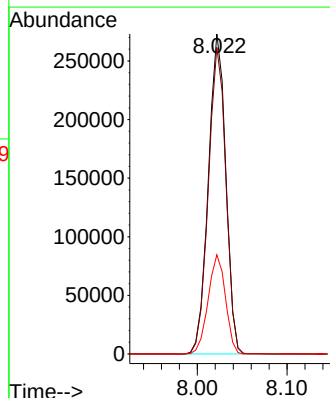
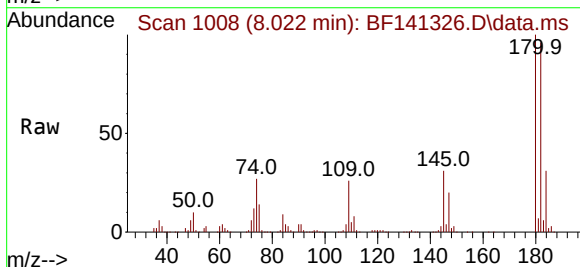
Tgt Ion:180 Resp: 368330

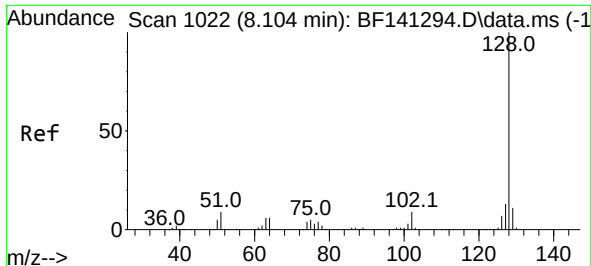
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

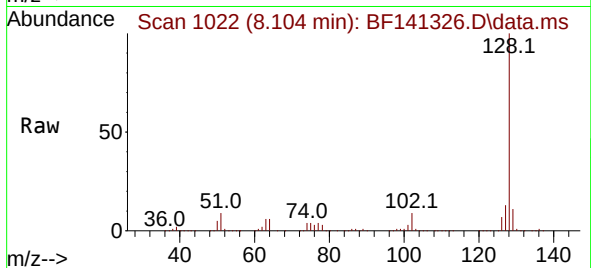
145 31.0 24.9 37.3



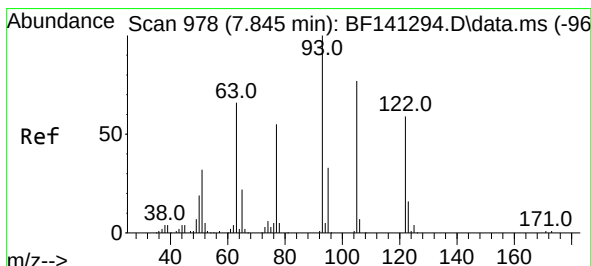
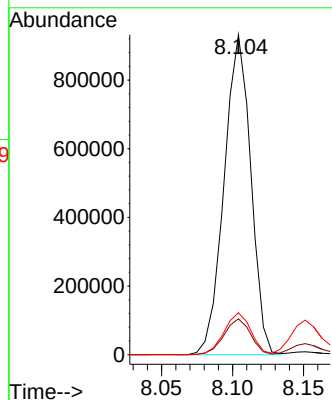
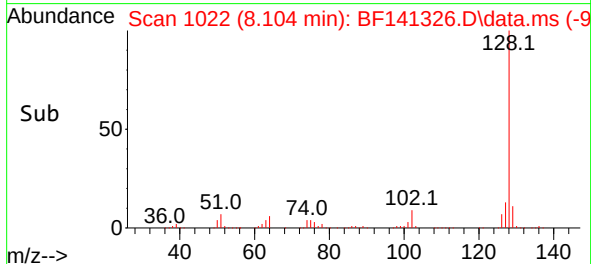


#31
Naphthalene
Concen: 36.025 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

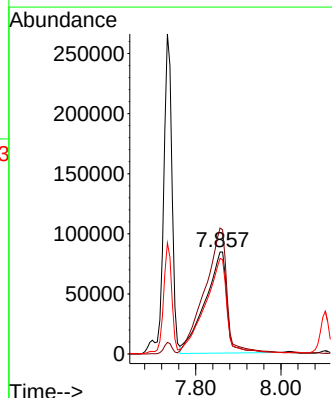
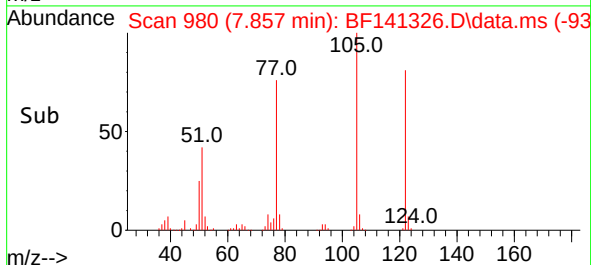
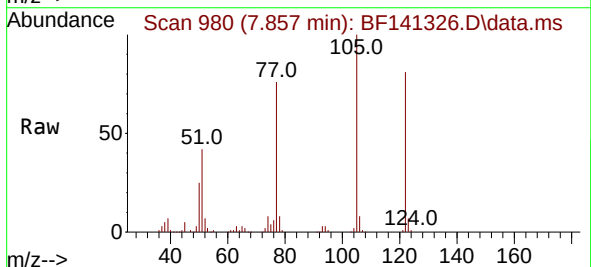


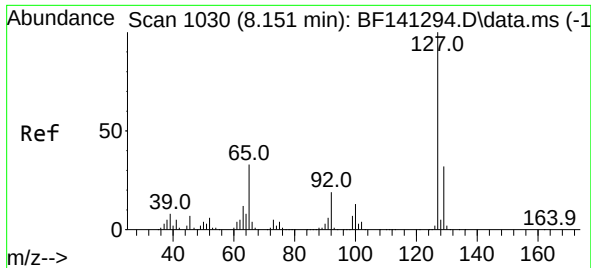
Tgt Ion:128 Resp: 1216274
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 43.663 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:122 Resp: 302716
Ion Ratio Lower Upper
122 100
105 123.5 103.4 143.4
77 93.7 70.9 110.9

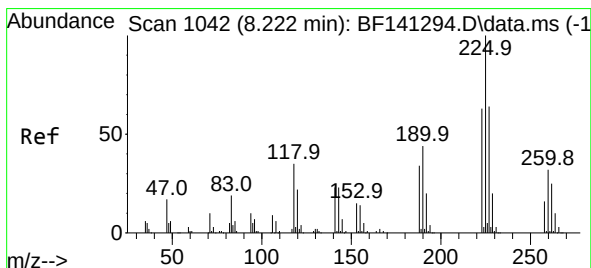
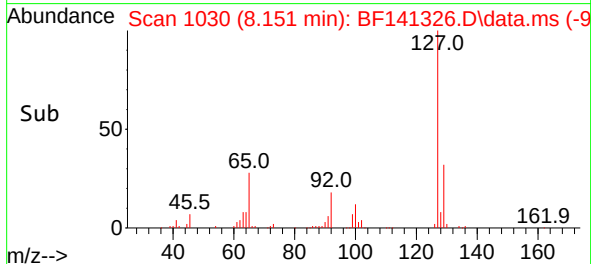
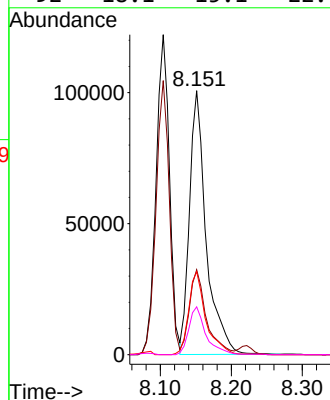
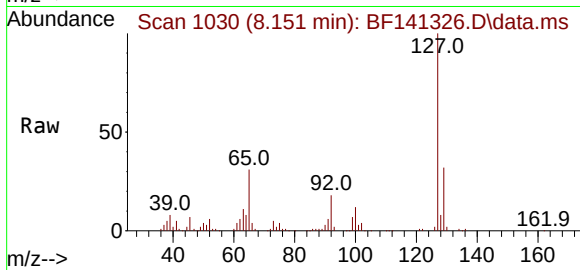




#33
4-Chloroaniline
Concen: 14.386 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

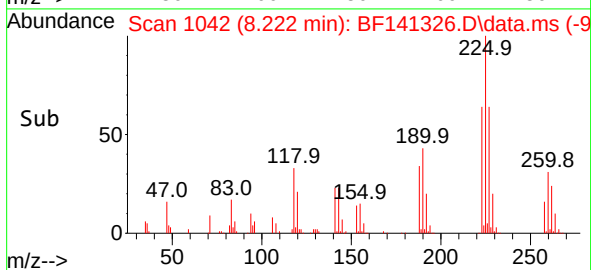
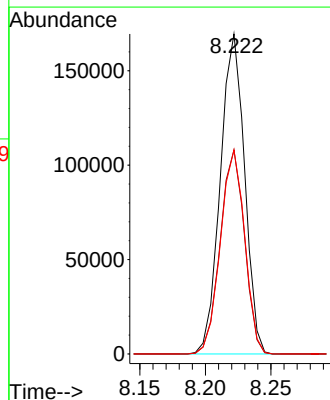
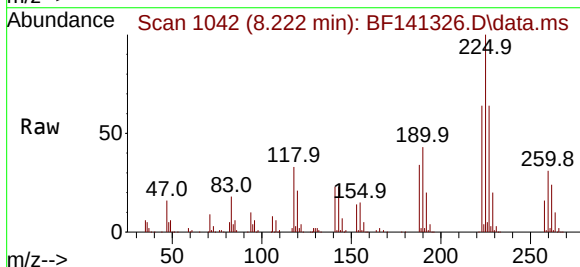
Instrument :
BNA_F
ClientSampleId :
PB166363BS

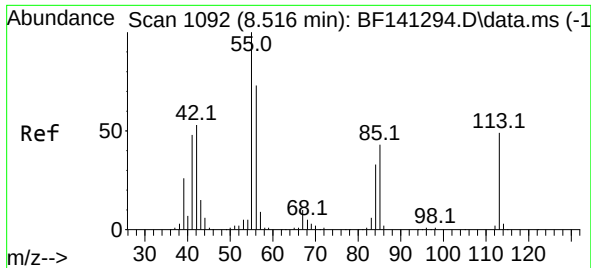
Tgt Ion:	127	Resp:	164703
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	31.5	26.4	39.6
92	18.1	15.1	22.7



#34
Hexachlorobutadiene
Concen: 35.179 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:	225	Resp:	217527
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	63.7	51.3	76.9

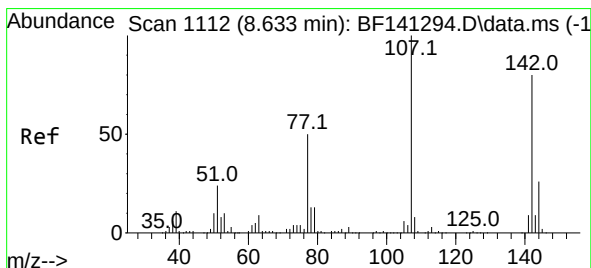
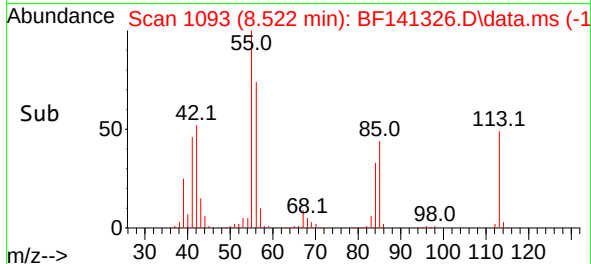
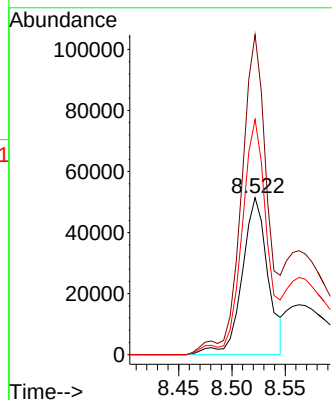
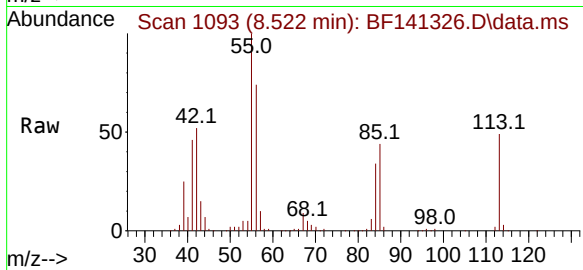




#35
Caprolactam
Concen: 28.719 ng
RT: 8.522 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

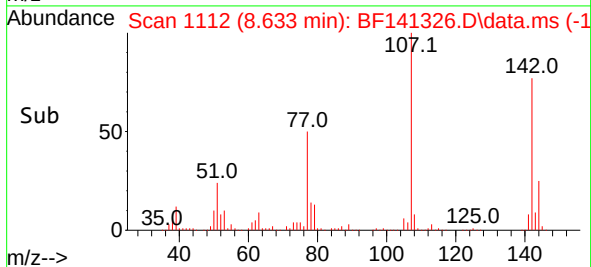
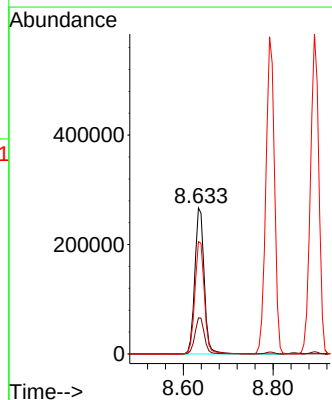
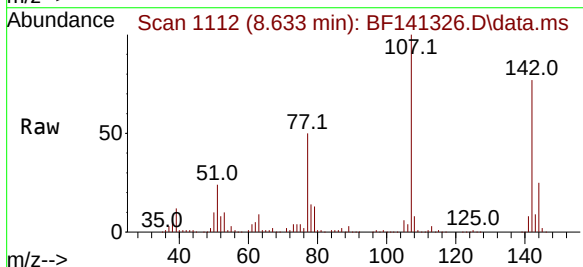
Instrument :
BNA_F
ClientSampleId :
PB166363BS

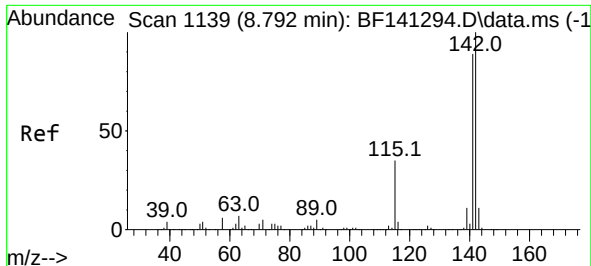
Tgt Ion:113 Resp: 86597
Ion Ratio Lower Upper
113 100
55 203.9 182.9 222.9
56 150.0 127.9 167.9



#36
4-Chloro-3-methylphenol
Concen: 39.190 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:107 Resp: 388117
Ion Ratio Lower Upper
107 100
144 24.8 20.7 31.1
142 77.0 63.8 95.8





#37

2-Methylnaphthalene

Concen: 35.792 ng

RT: 8.792 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

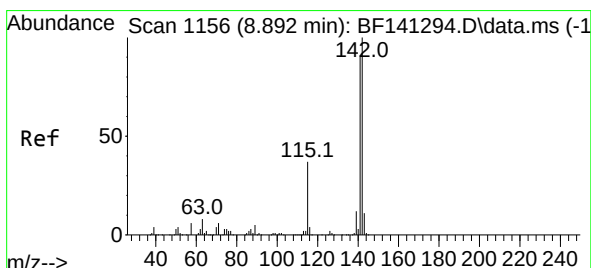
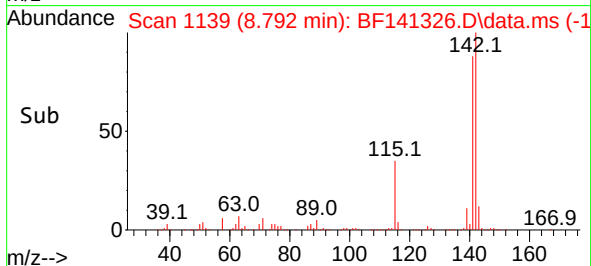
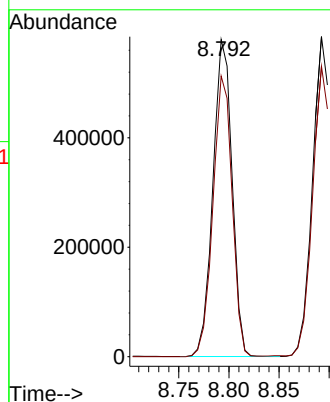
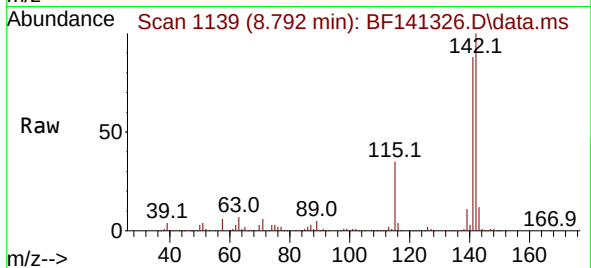
PB166363BS

Tgt Ion:142 Resp: 768048

Ion Ratio Lower Upper

142 100

141 88.5 71.3 106.9



#38

1-Methylnaphthalene

Concen: 36.018 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF141326.D

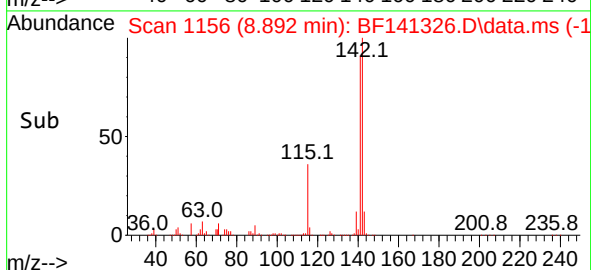
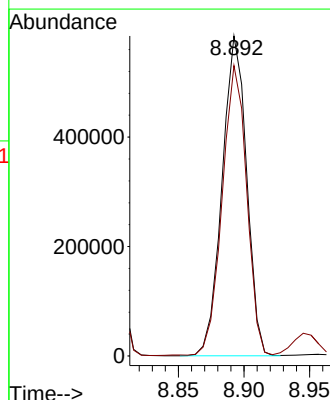
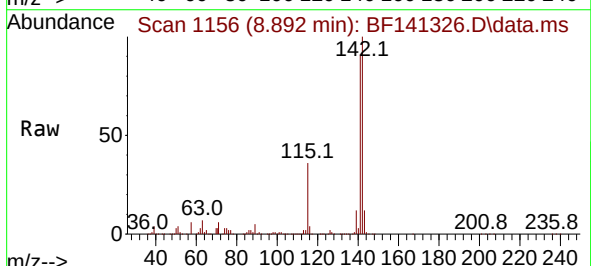
Acq: 31 Jan 2025 12:28

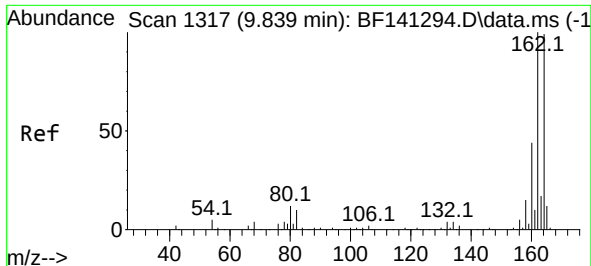
Tgt Ion:142 Resp: 759228

Ion Ratio Lower Upper

142 100

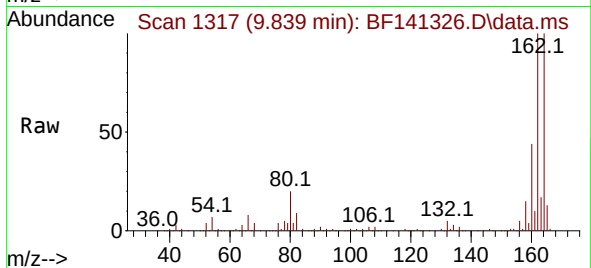
141 90.8 73.2 109.8



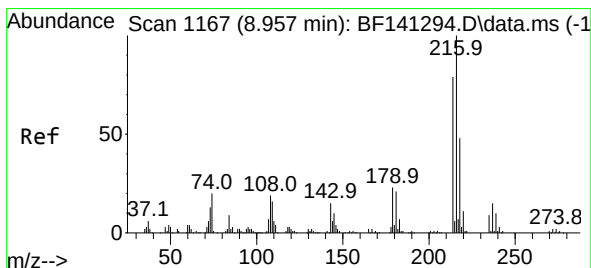
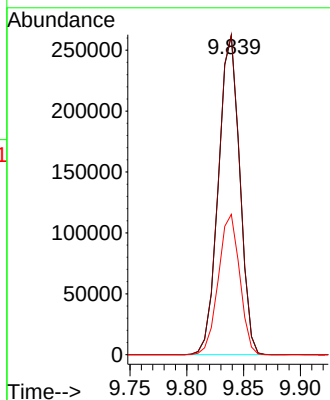
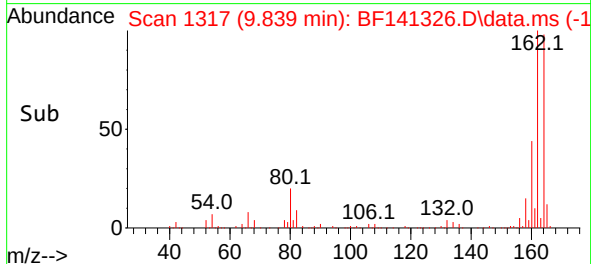


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

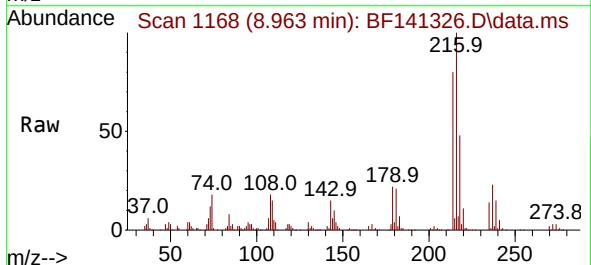
Instrument :
BNA_F
ClientSampleId :
PB166363BS



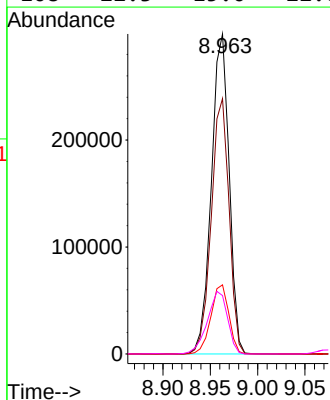
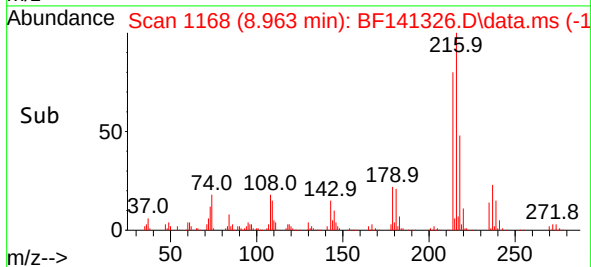
Tgt Ion:164 Resp: 341634
Ion Ratio Lower Upper
164 100
162 100.4 80.6 121.0
160 44.0 35.8 53.6

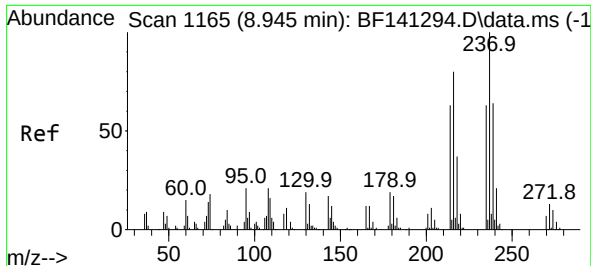


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.008 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



Tgt Ion:216 Resp: 388845
Ion Ratio Lower Upper
216 100
214 79.9 63.2 94.8
179 21.9 17.8 26.8
108 22.3 15.0 22.6

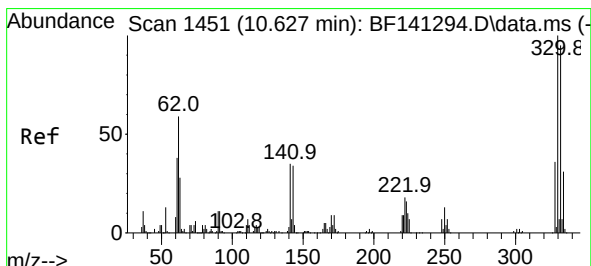
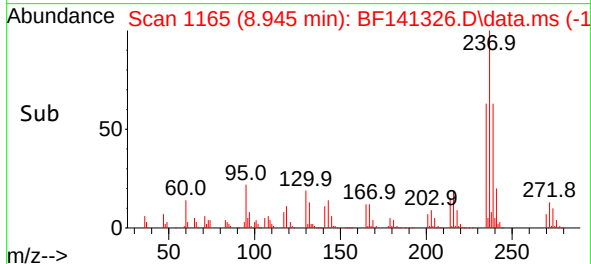
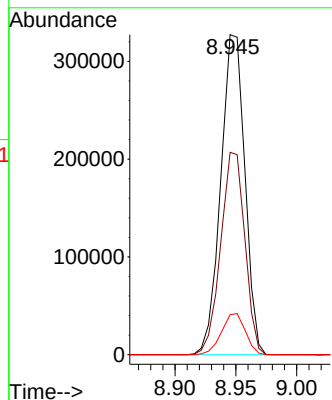
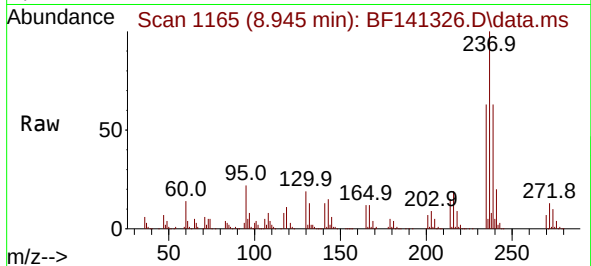




#41
Hexachlorocyclopentadiene
Concen: 157.404 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

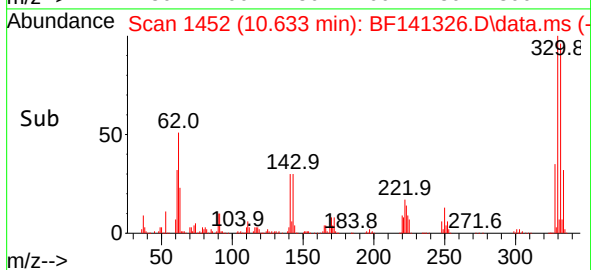
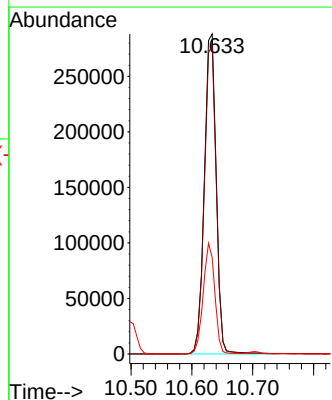
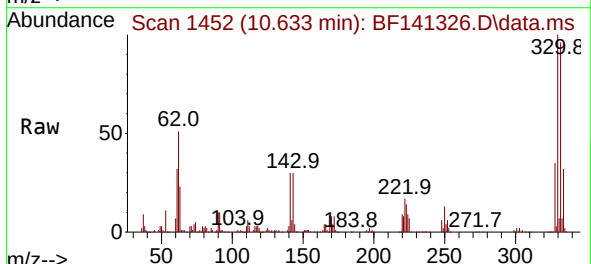
Instrument :
BNA_F
ClientSampleId :
PB166363BS

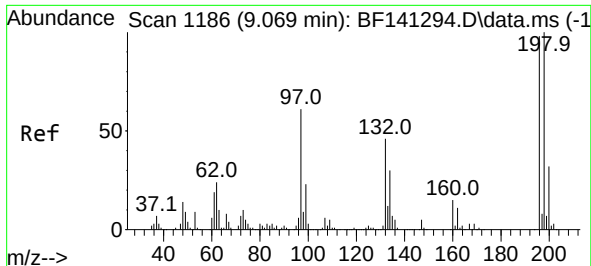
Tgt Ion:237 Resp: 451802
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 12.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 125.427 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:330 Resp: 392837
Ion Ratio Lower Upper
330 100
332 96.4 76.1 114.1
141 33.8 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 39.194 ng

RT: 9.075 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

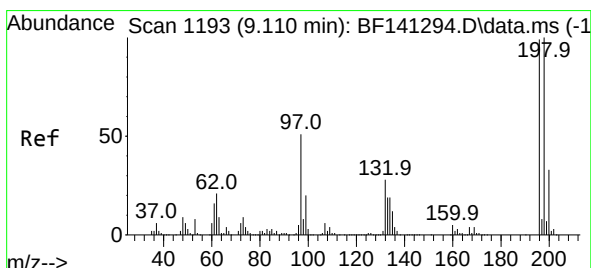
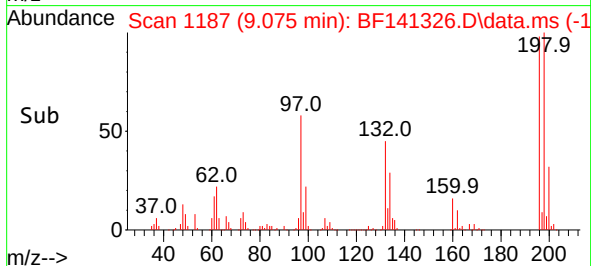
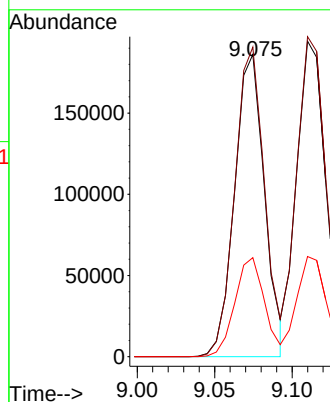
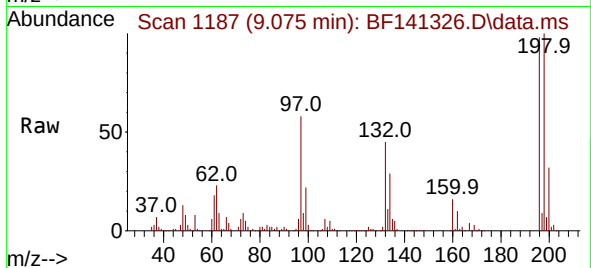
Tgt Ion:196 Resp: 249335

Ion Ratio Lower Upper

196 100

198 102.4 81.8 122.6

200 32.8 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 37.493 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Tgt Ion:196 Resp: 259595

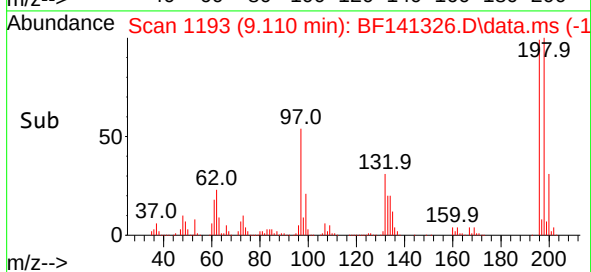
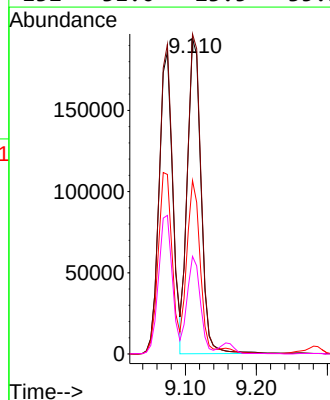
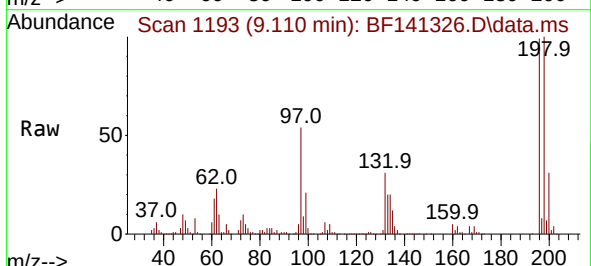
Ion Ratio Lower Upper

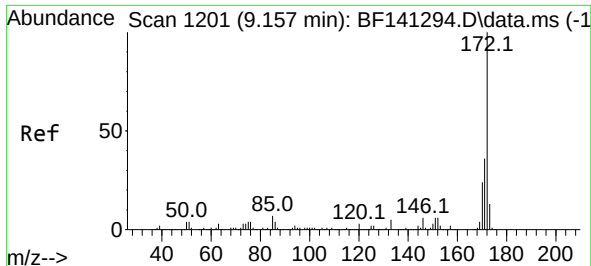
196 100

198 101.4 80.5 120.7

97 55.0 42.8 64.2

132 31.0 23.5 35.3

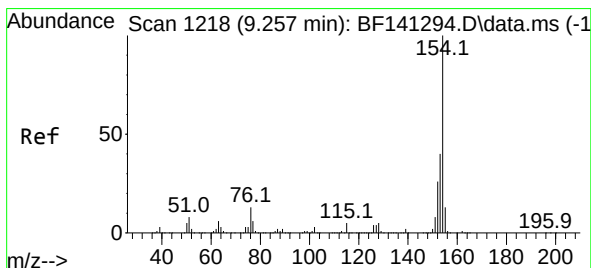
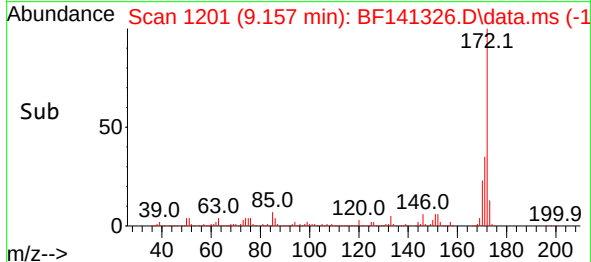
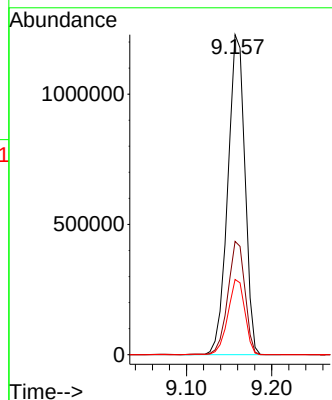
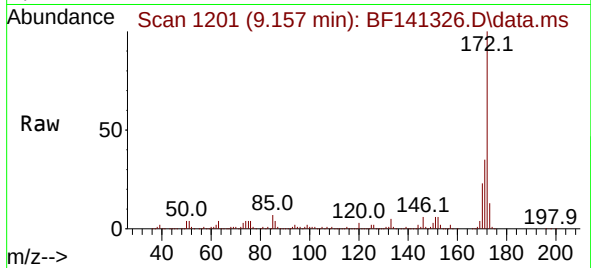




#45
2-Fluorobiphenyl
Concen: 77.128 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

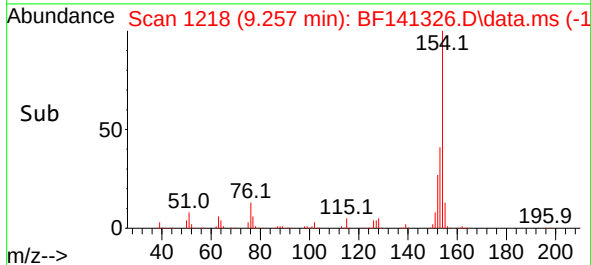
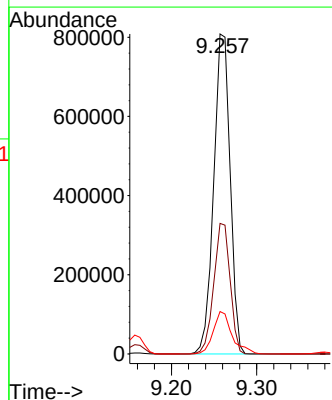
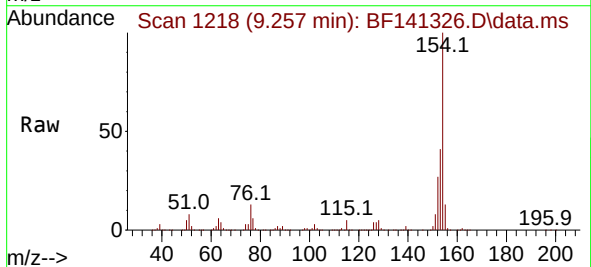
Instrument :
BNA_F
ClientSampleId :
PB166363BS

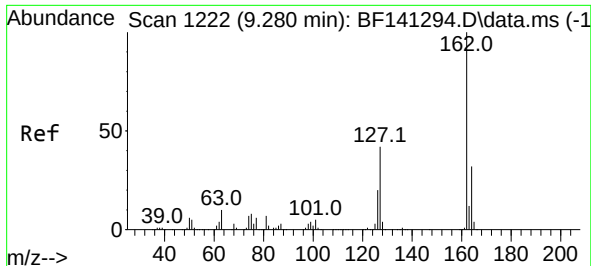
Tgt Ion:172 Resp: 1711912
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 40.823 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:154 Resp: 1087669
Ion Ratio Lower Upper
154 100
153 40.8 20.0 60.0
76 13.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 35.895 ng

RT: 9.286 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

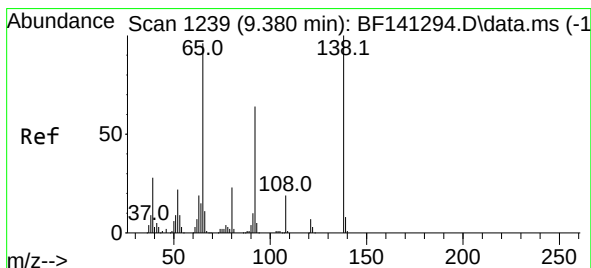
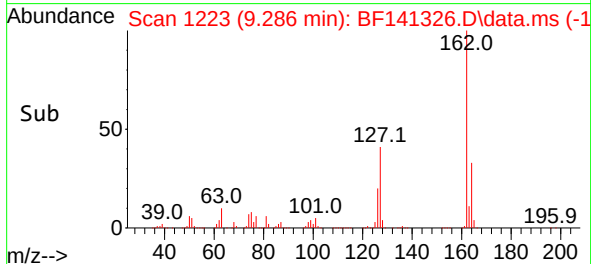
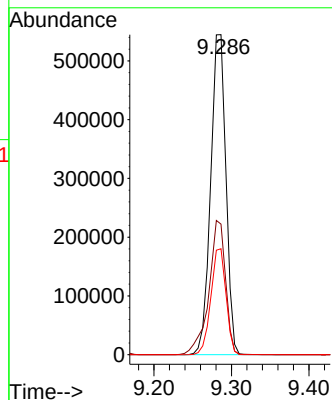
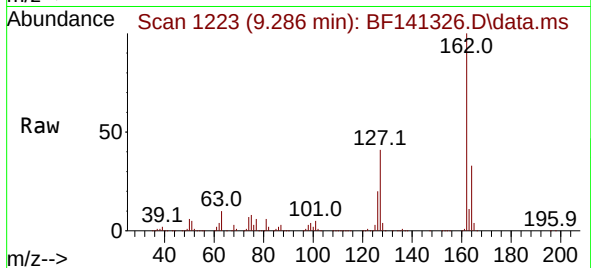
Tgt Ion:162 Resp: 745432

Ion Ratio Lower Upper

162 100

127 40.8 33.7 50.5

164 33.1 25.9 38.9



#48

2-Nitroaniline

Concen: 39.006 ng

RT: 9.380 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

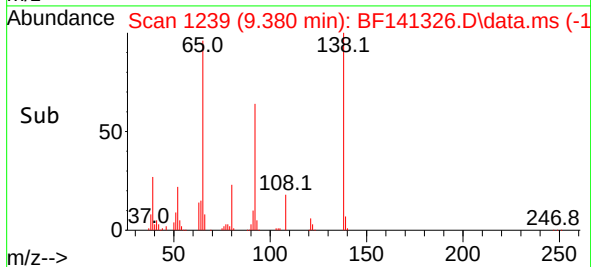
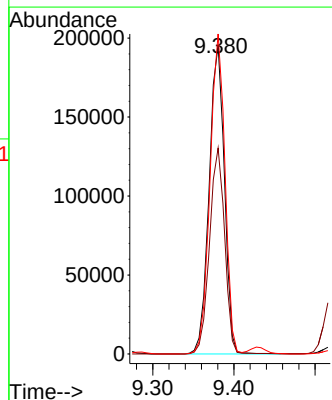
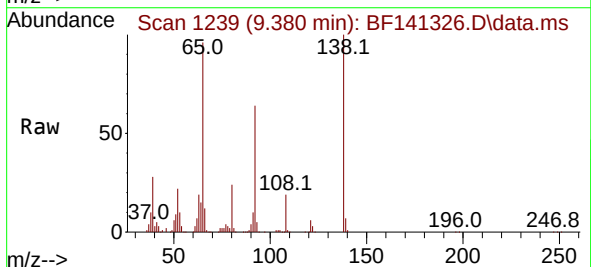
Tgt Ion: 65 Resp: 254788

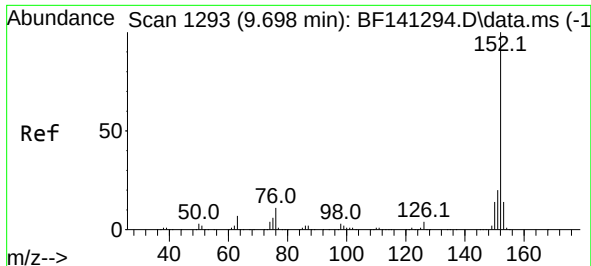
Ion Ratio Lower Upper

65 100

92 66.7 53.3 79.9

138 103.7 83.6 125.4

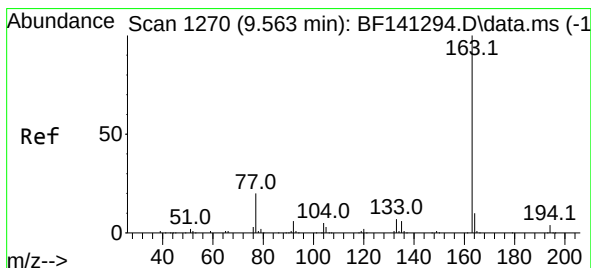
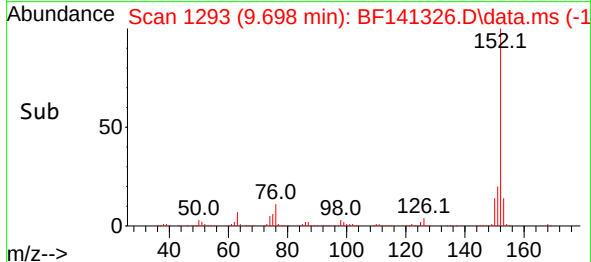
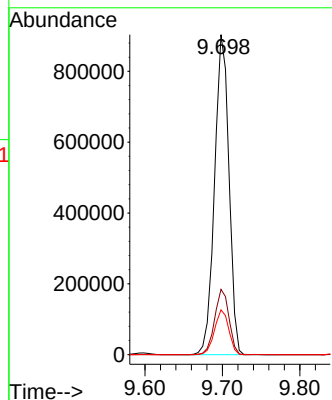
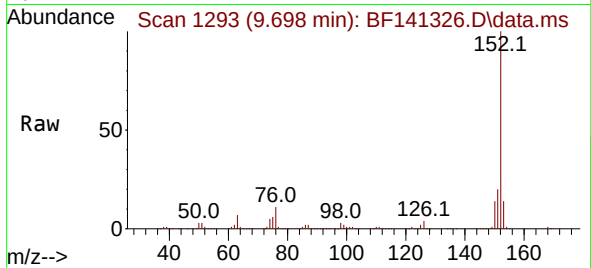




#49
Acenaphthylene
Concen: 40.131 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

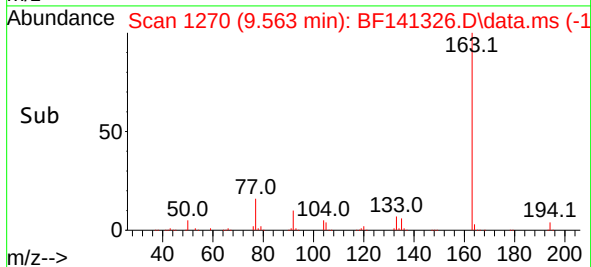
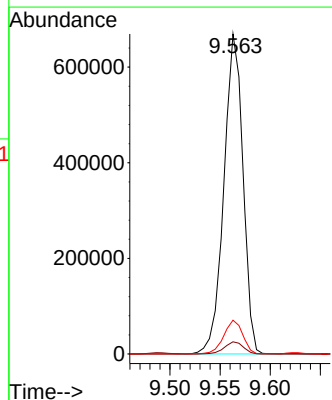
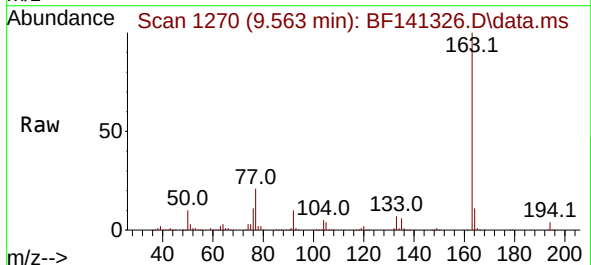
Instrument :
BNA_F
ClientSampleId :
PB166363BS

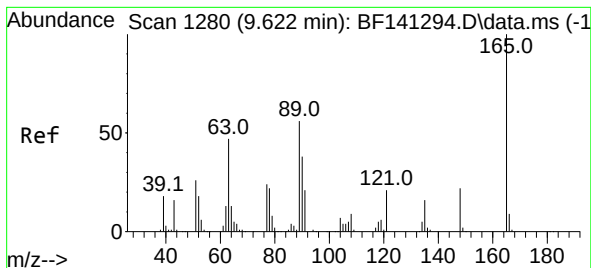
Tgt Ion:152 Resp: 1166625
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.0 11.0 16.6



#50
Dimethylphthalate
Concen: 38.417 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:163 Resp: 886423
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.5 8.0 12.0

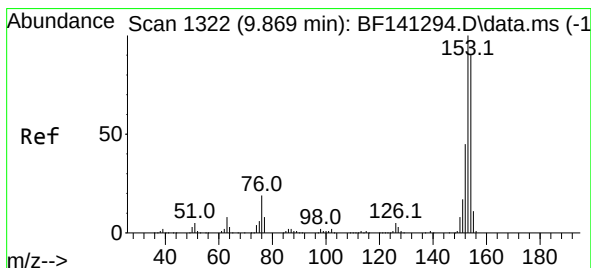
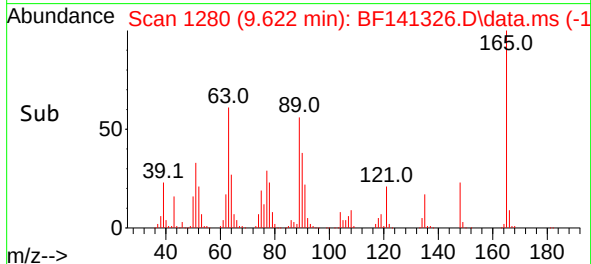
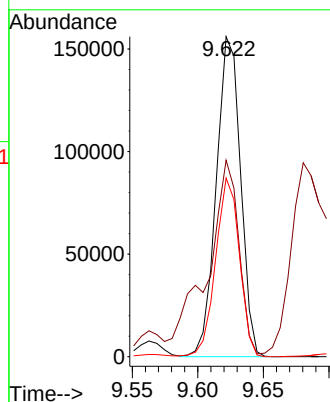
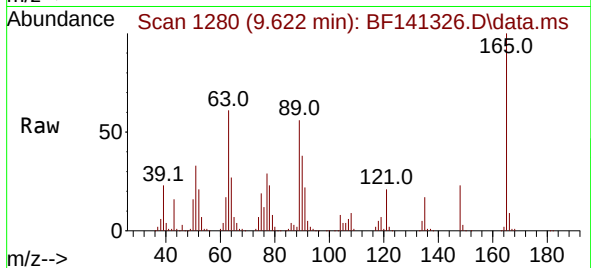




#51
2,6-Dinitrotoluene
Concen: 37.444 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

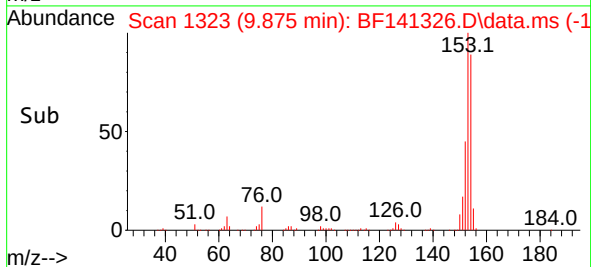
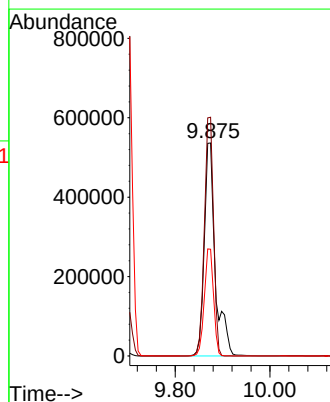
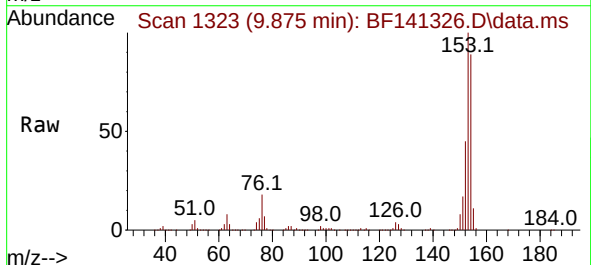
Instrument :
BNA_F
ClientSampleId :
PB166363BS

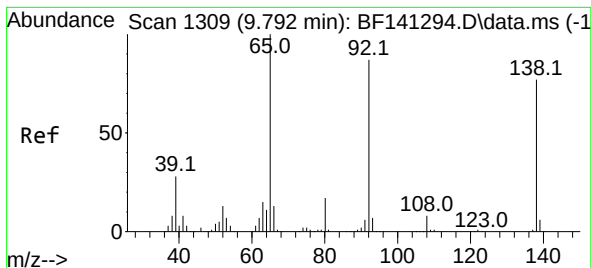
Tgt Ion:165 Resp: 200607
Ion Ratio Lower Upper
165 100
63 61.4 48.1 72.1
89 55.8 44.9 67.3



#52
Acenaphthene
Concen: 41.962 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:154 Resp: 871464
Ion Ratio Lower Upper
154 100
153 112.1 89.0 133.4
152 50.1 40.2 60.4





#53

3-Nitroaniline

Concen: 20.511 ng

RT: 9.792 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

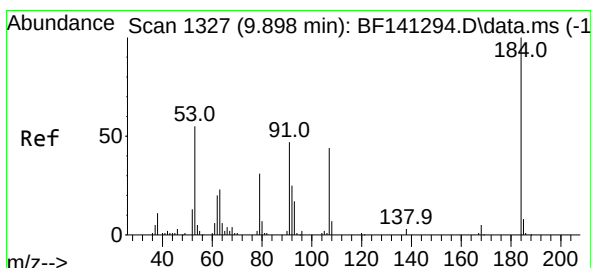
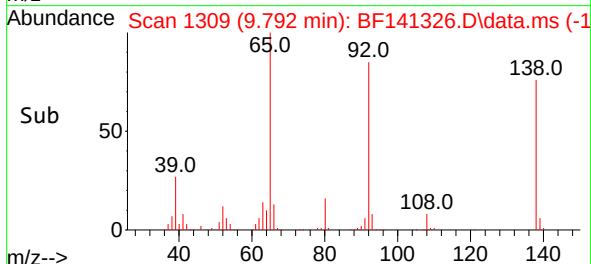
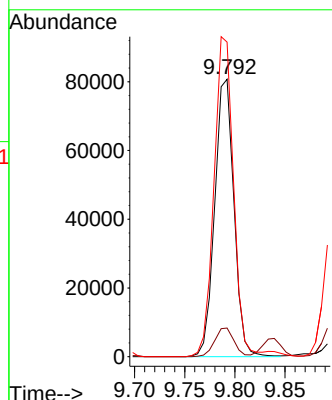
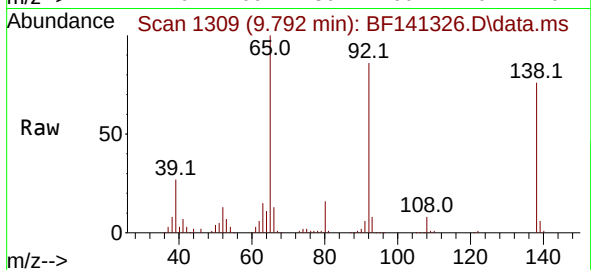
Tgt Ion:138 Resp: 107700

Ion Ratio Lower Upper

138 100

108 10.3 8.6 12.8

92 113.4 91.0 136.6



#54

2,4-Dinitrophenol

Concen: 93.602 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

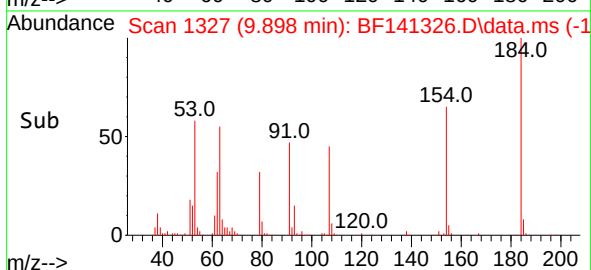
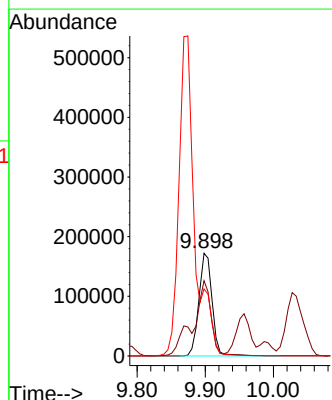
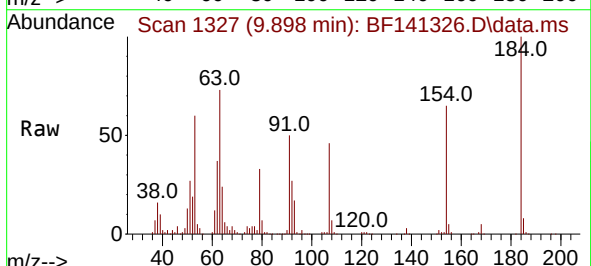
Tgt Ion:184 Resp: 233111

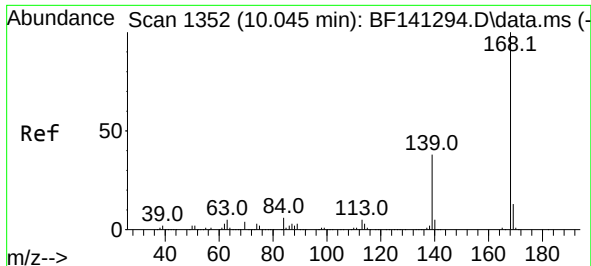
Ion Ratio Lower Upper

184 100

63 73.2 54.1 81.1

154 65.2 50.7 76.1

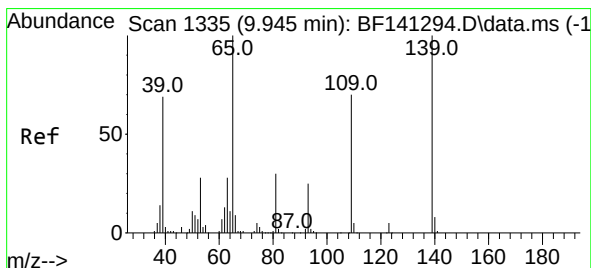
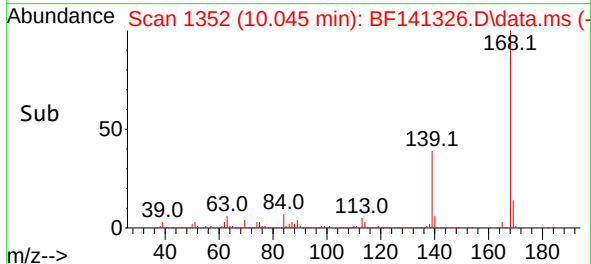
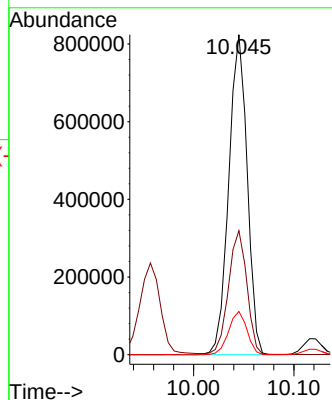
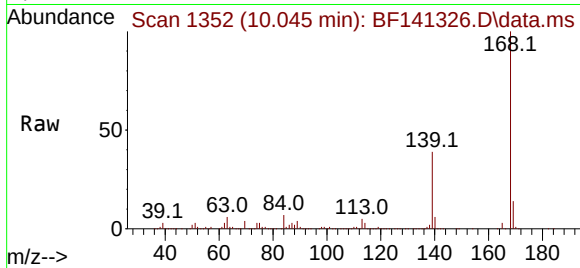




#55
Dibenzenofuran
Concen: 37.742 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

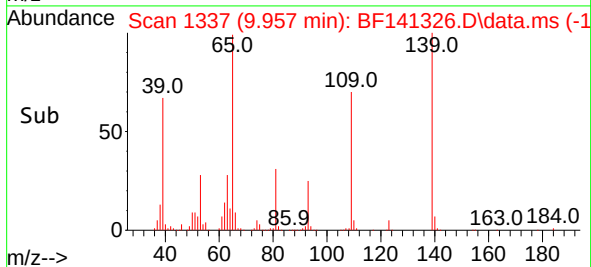
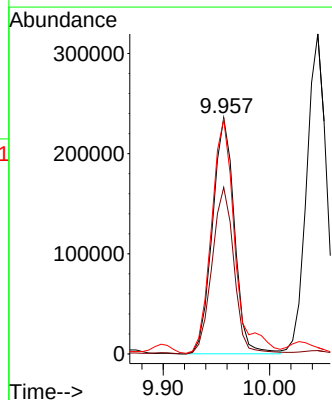
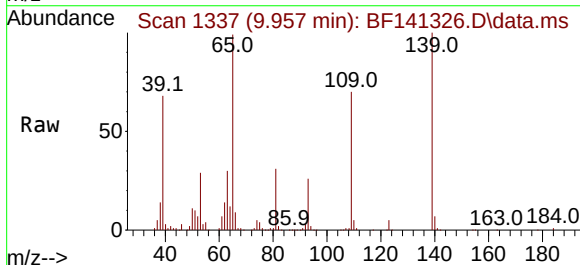
Instrument :
BNA_F
ClientSampleId :
PB166363BS

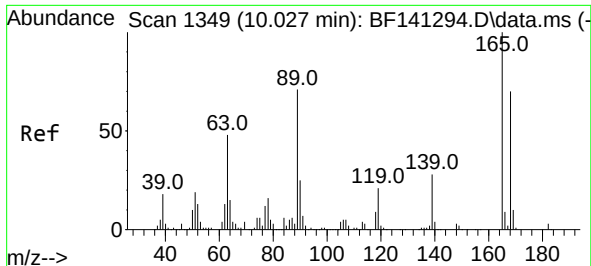
Tgt Ion:168 Resp: 1049171
Ion Ratio Lower Upper
168 100
139 38.8 30.6 46.0
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 87.919 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:139 Resp: 337626
Ion Ratio Lower Upper
139 100
109 70.5 50.2 90.2
65 99.2 80.6 120.6

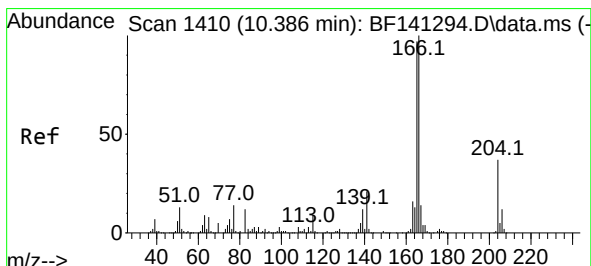
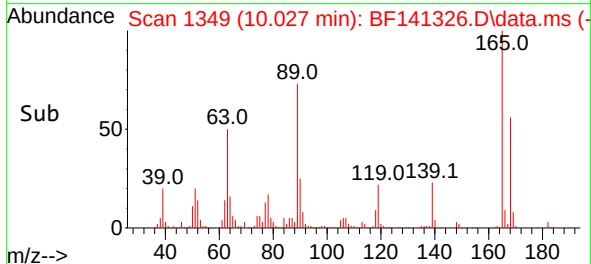
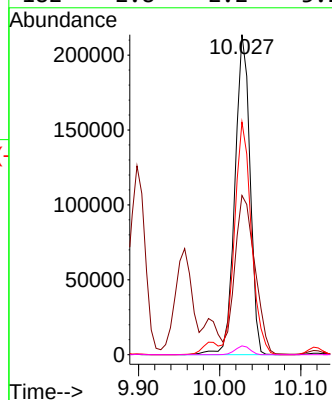
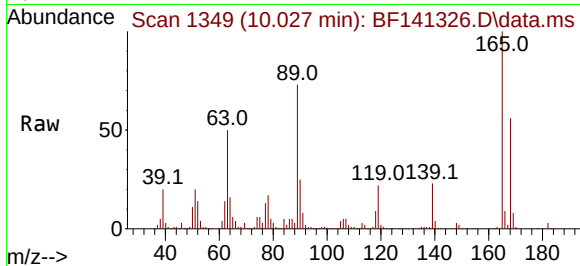




#57
2,4-Dinitrotoluene
Concen: 39.763 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

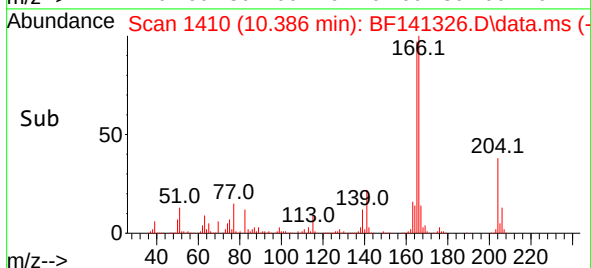
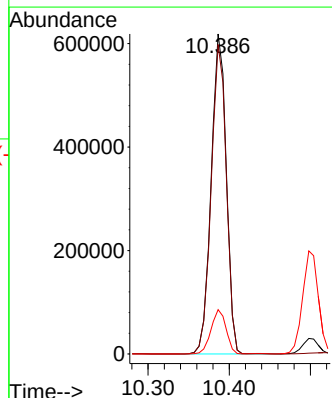
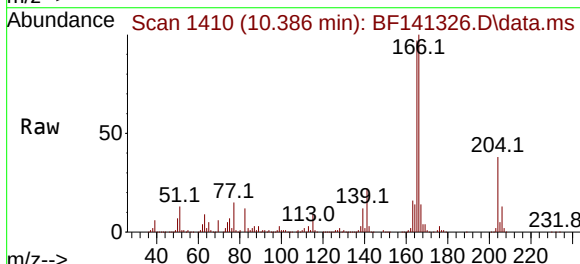
Instrument :
BNA_F
ClientSampleId :
PB166363BS

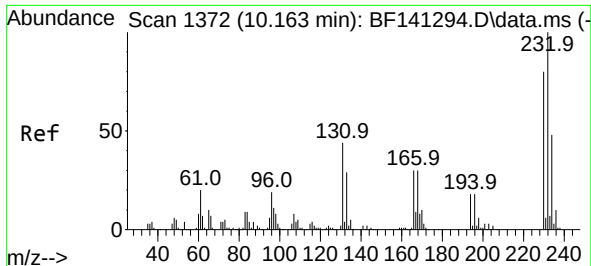
Tgt Ion:165 Resp: 275815
Ion Ratio Lower Upper
165 100
63 49.8 39.2 58.8
89 72.7 56.9 85.3
182 2.8 2.2 3.2



#58
Fluorene
Concen: 37.071 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:166 Resp: 799362
Ion Ratio Lower Upper
166 100
165 96.7 77.5 116.3
167 13.8 10.9 16.3

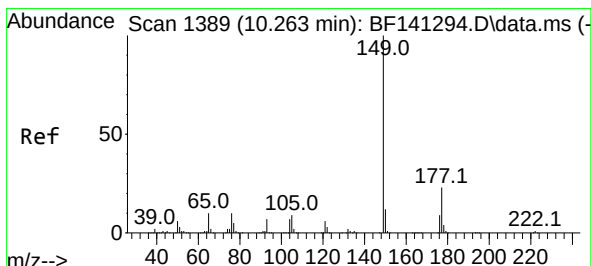
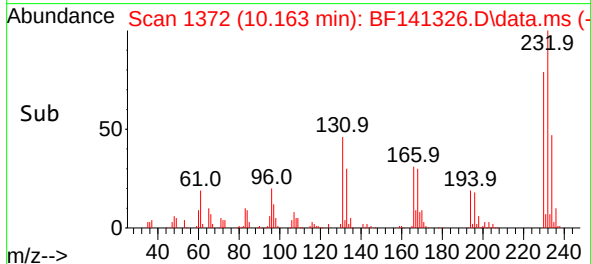
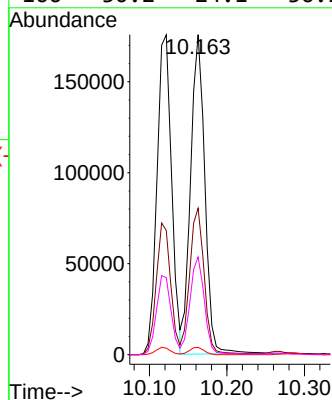
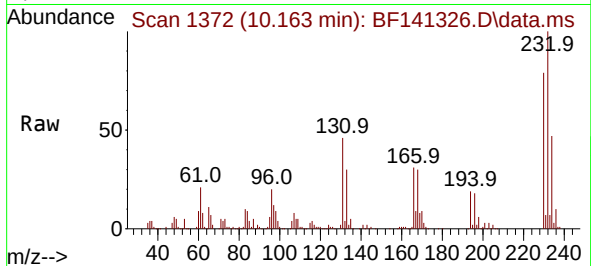




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.280 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

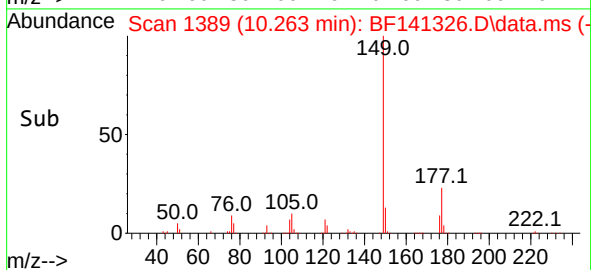
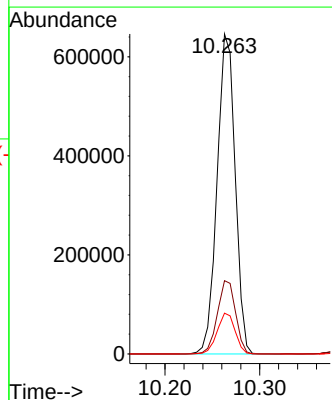
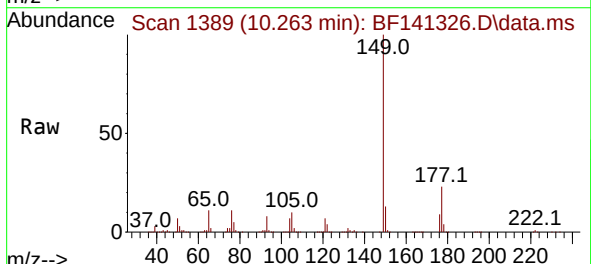
Instrument :
BNA_F
ClientSampleId :
PB166363BS

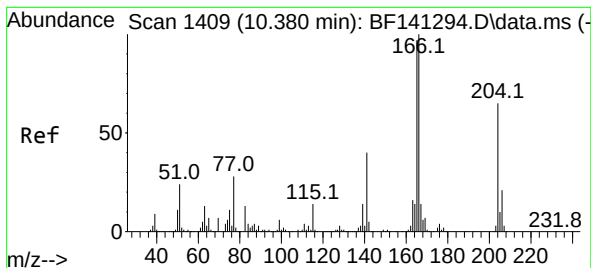
Tgt Ion:232 Resp: 224854
Ion Ratio Lower Upper
232 100
131 46.7 36.4 54.6
130 2.3 1.9 2.9
166 30.2 24.1 36.1



#60
Diethylphthalate
Concen: 38.310 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 857103
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.8 10.0 15.0

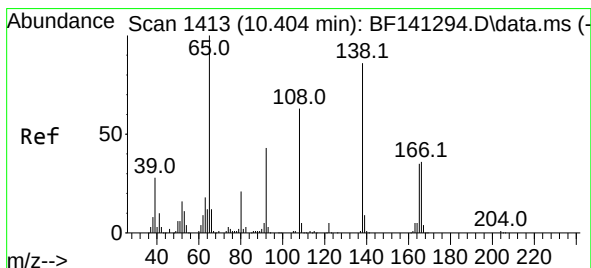
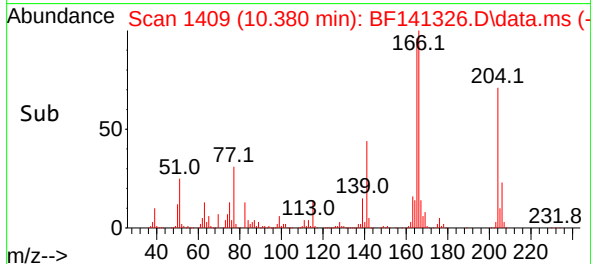
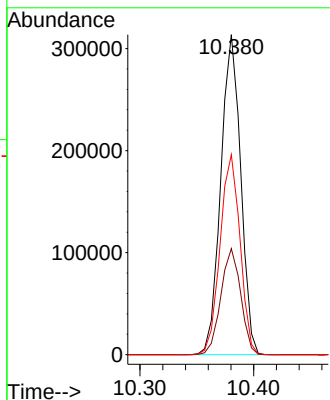
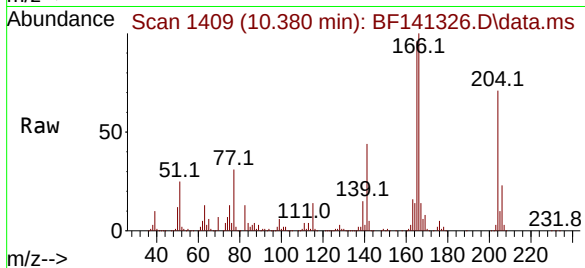




#61
4-Chlorophenyl-phenylether
Concen: 36.243 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

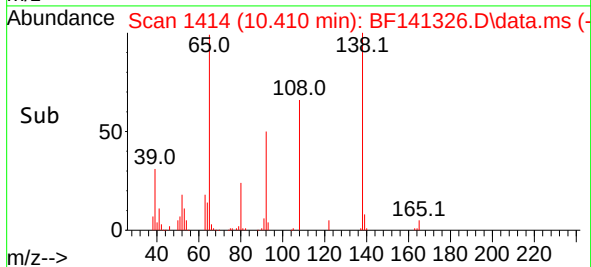
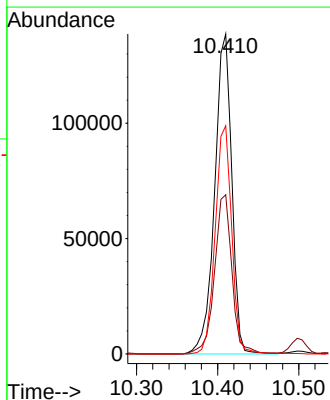
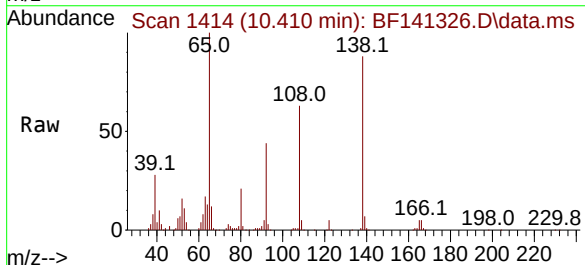
Instrument :
BNA_F
ClientSampleId :
PB166363BS

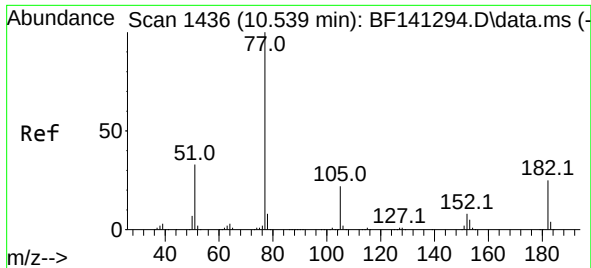
Tgt Ion:204 Resp: 381746
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 62.5 49.5 74.3



#62
4-Nitroaniline
Concen: 39.336 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:138 Resp: 203068
Ion Ratio Lower Upper
138 100
92 49.8 30.1 70.1
108 71.3 53.1 93.1

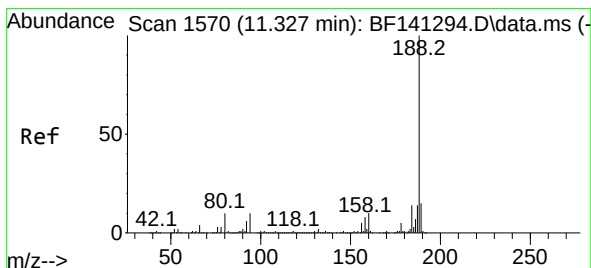
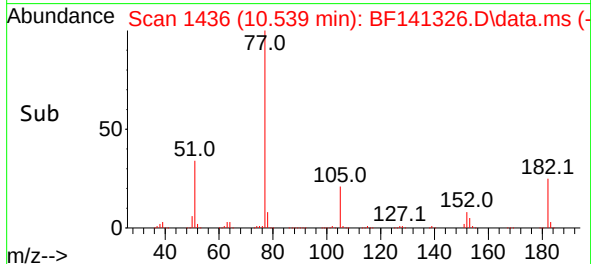
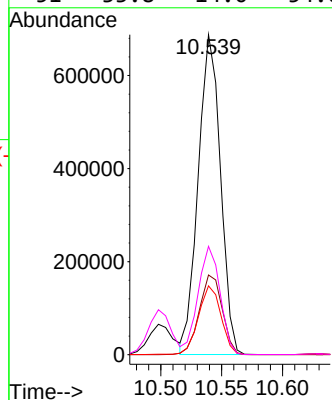
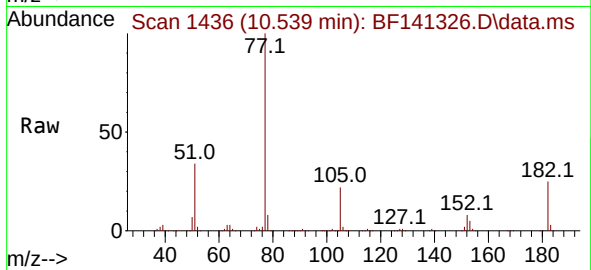




#63
Azobenzene
Concen: 39.082 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

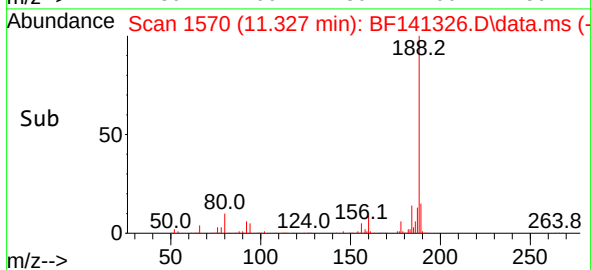
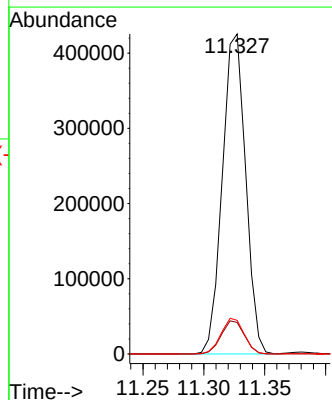
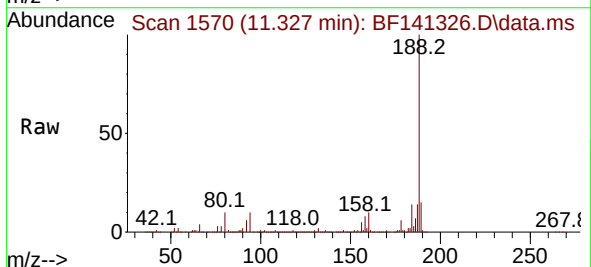
Instrument :
BNA_F
ClientSampleId :
PB166363BS

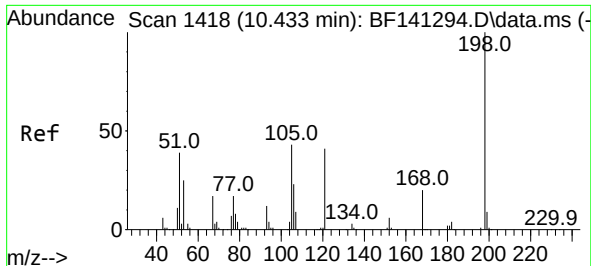
Tgt Ion:	77	Resp:	875236
Ion Ratio	Lower	Upper	
77	100		
182	24.9	5.1	45.1
105	21.5	1.8	41.8
51	33.8	14.0	54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:	188	Resp:	567661
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.8	11.6
80	10.5	8.2	12.4

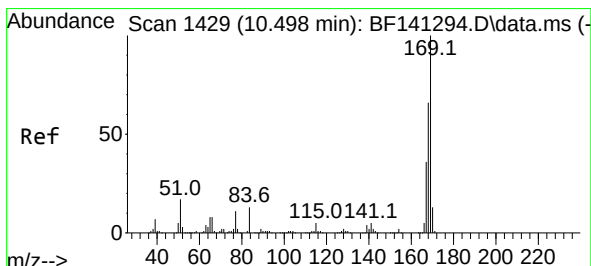
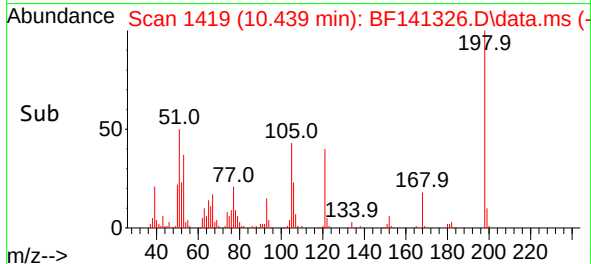
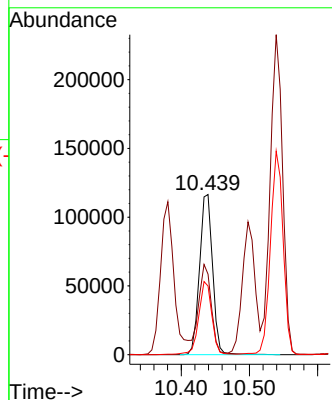
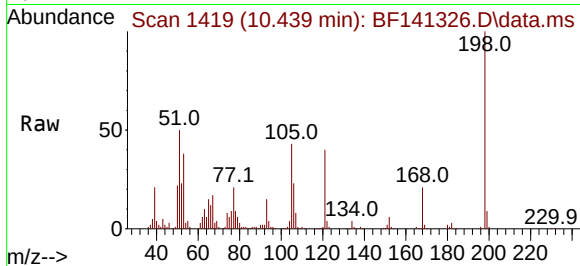




#65
4,6-Dinitro-2-methylphenol
Concen: 45.935 ng
RT: 10.439 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

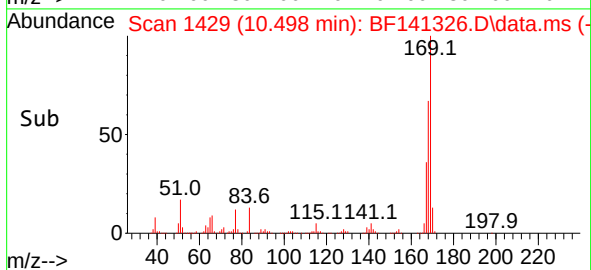
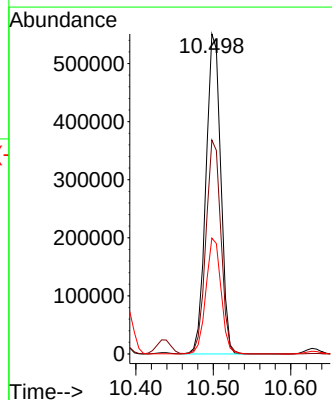
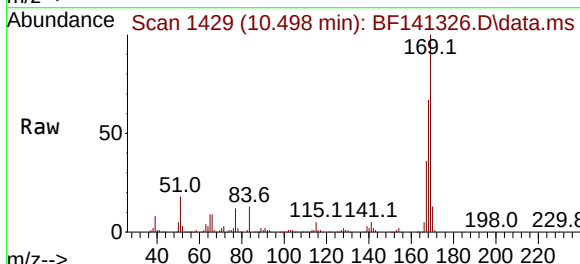
Instrument :
BNA_F
ClientSampleId :
PB166363BS

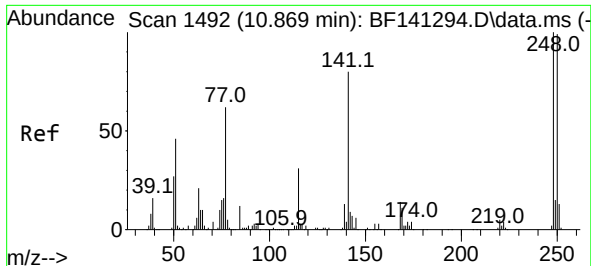
Tgt Ion:198 Resp: 154237
Ion Ratio Lower Upper
198 100
51 50.3 33.4 73.4
105 42.9 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 39.799 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:169 Resp: 730726
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.4
167 36.2 28.8 43.2

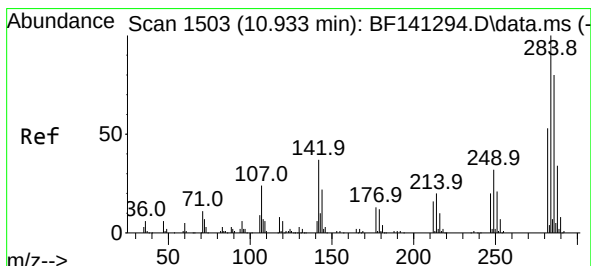
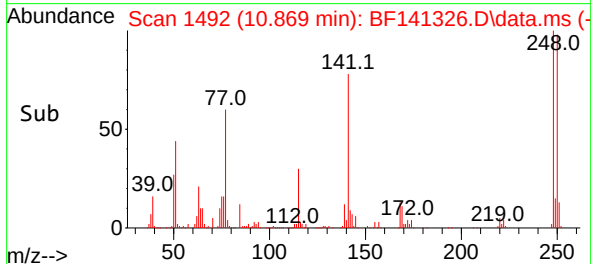
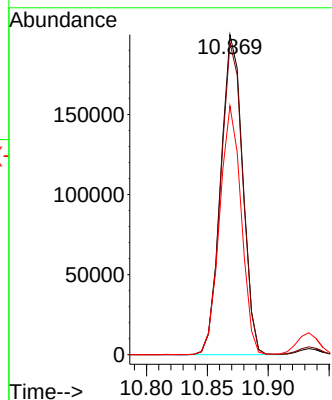
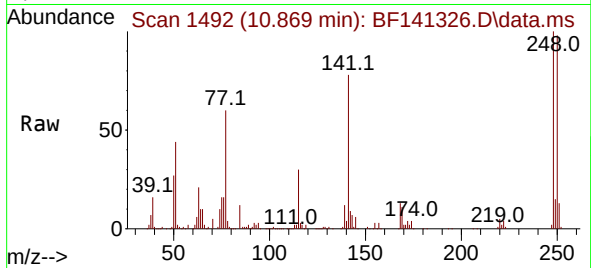




#67
4-Bromophenyl-phenylether
Concen: 39.548 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

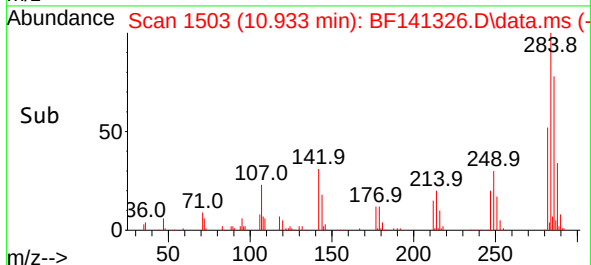
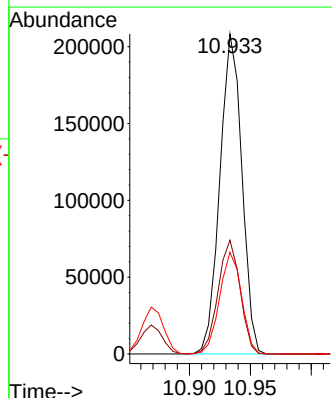
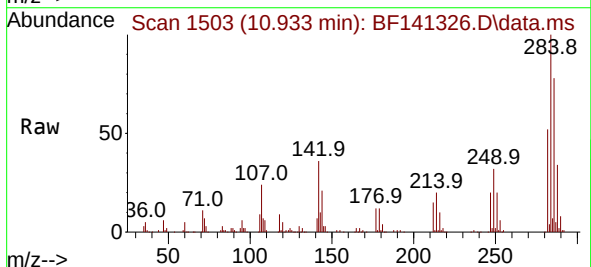
Instrument :
BNA_F
ClientSampleId :
PB166363BS

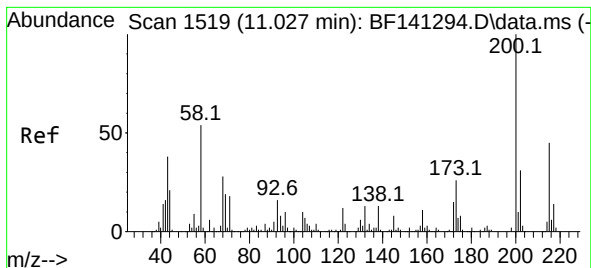
Tgt Ion:248 Resp: 251332
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.4
141 77.8 63.7 95.5



#68
Hexachlorobenzene
Concen: 38.896 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:284 Resp: 262205
Ion Ratio Lower Upper
284 100
142 35.5 29.5 44.3
249 31.8 25.4 38.2





#69

Atrazine

Concen: 45.789 ng

RT: 11.027 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

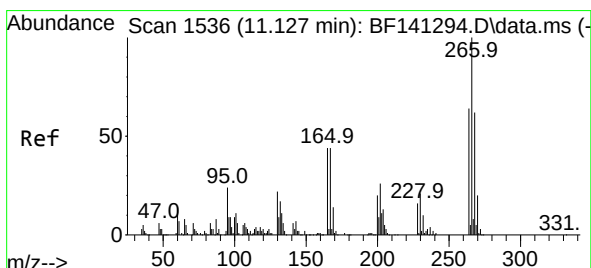
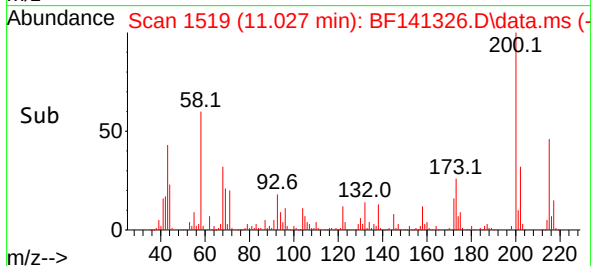
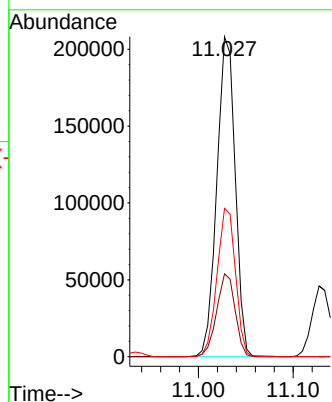
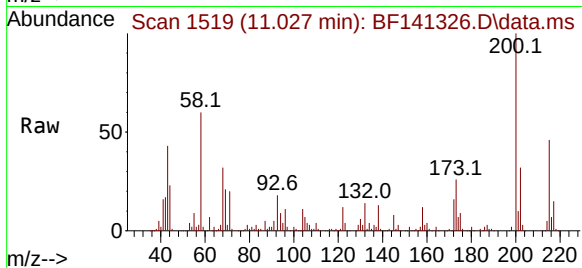
Tgt Ion:200 Resp: 281085

Ion Ratio Lower Upper

200 100

173 25.9 5.9 45.9

215 46.4 25.2 65.2



#70

Pentachlorophenol

Concen: 84.175 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

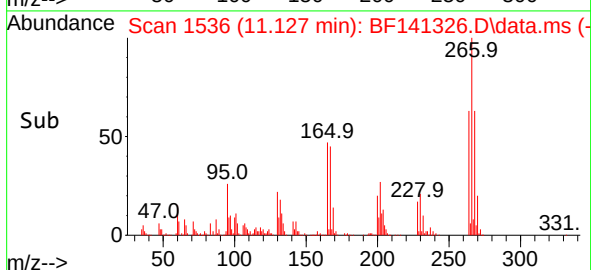
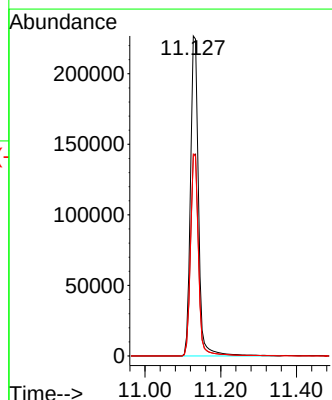
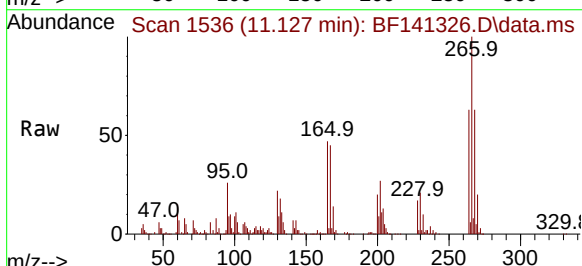
Tgt Ion:266 Resp: 332283

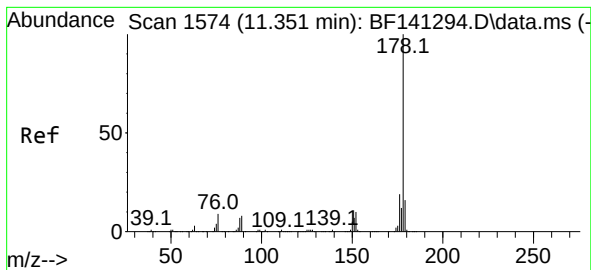
Ion Ratio Lower Upper

266 100

268 62.9 49.9 74.9

264 63.1 51.0 76.4

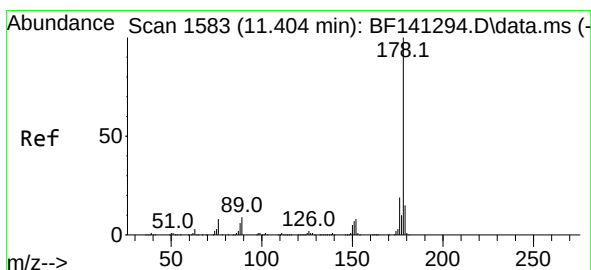
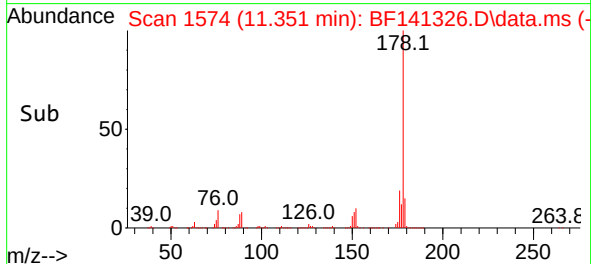
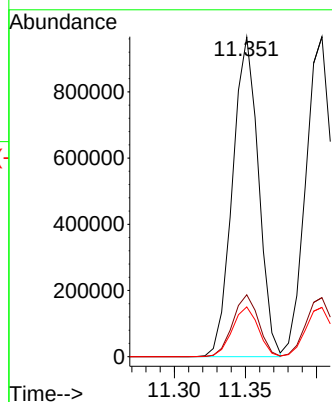
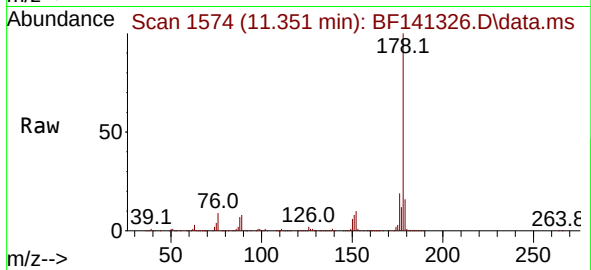




#71
Phenanthrene
Concen: 40.230 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

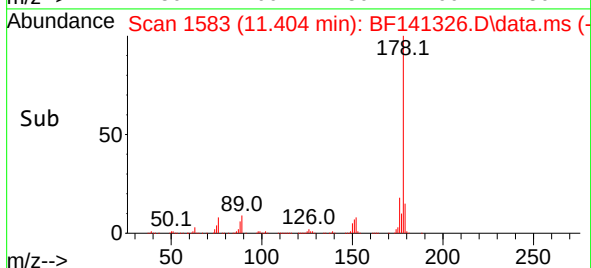
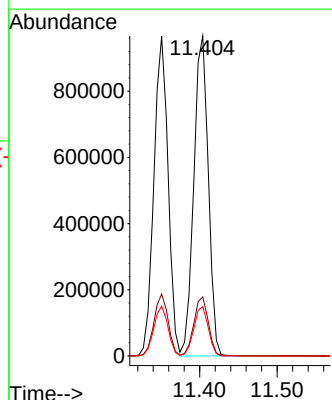
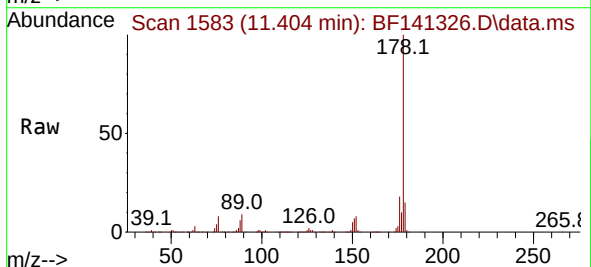
Instrument :
BNA_F
ClientSampleId :
PB166363BS

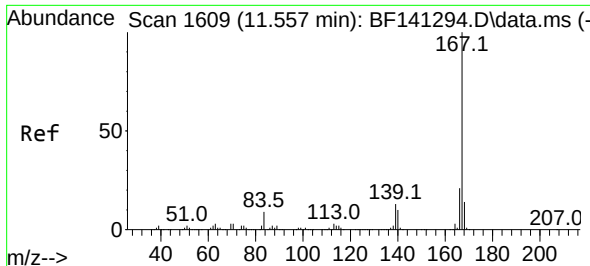
Tgt Ion:178 Resp: 1227588
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 41.915 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:178 Resp: 1253177
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.4 12.3 18.5

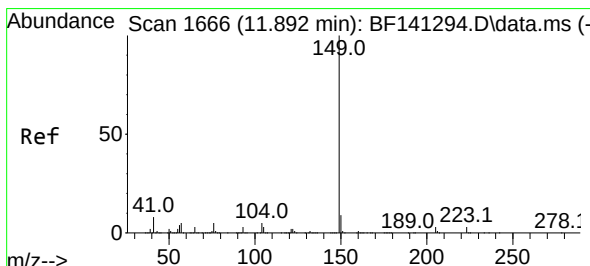
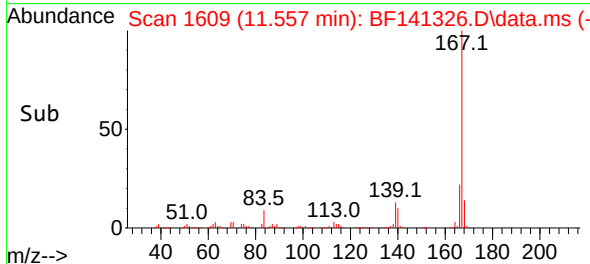
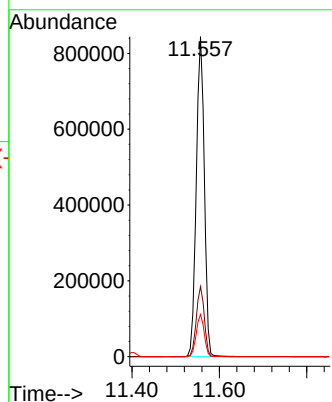
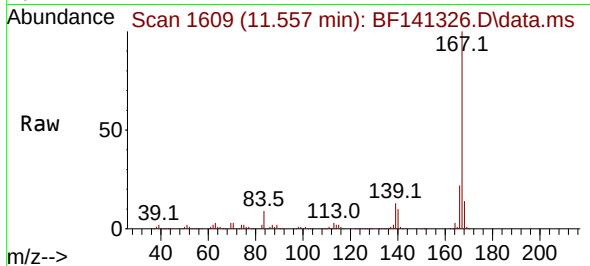




#73
 Carbazole
 Concen: 40.941 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

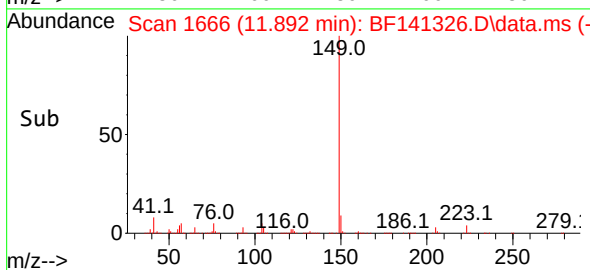
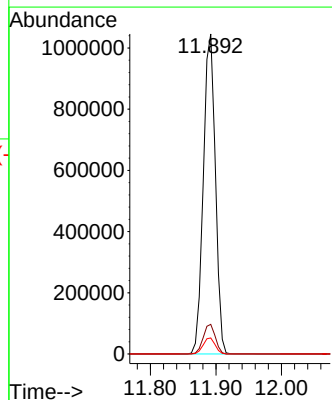
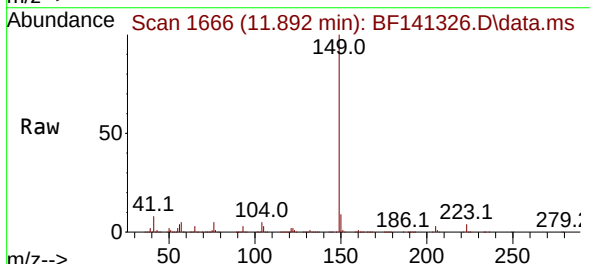
Instrument :
 BNA_F
 ClientSampleId :
 PB166363BS

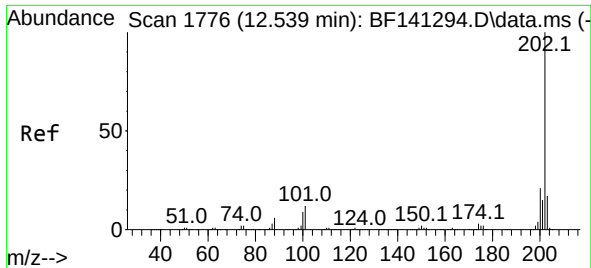
Tgt Ion:167 Resp: 1085415
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.666 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 1338697
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 3.9 5.9

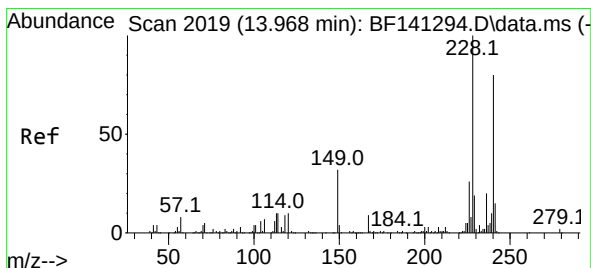
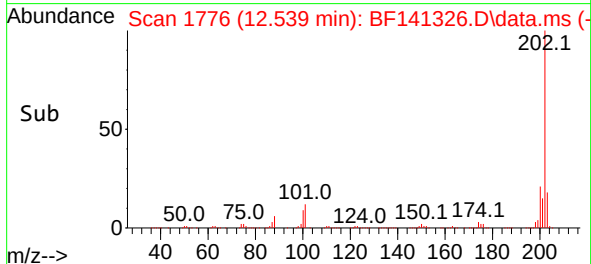
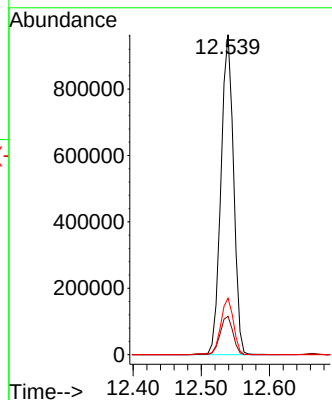
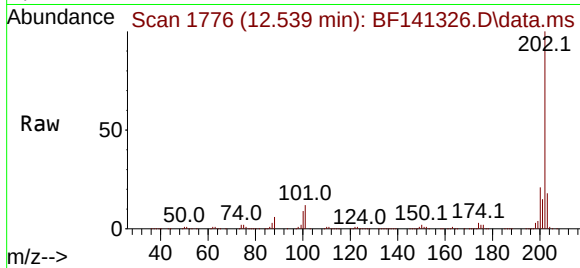




#75
Fluoranthene
Concen: 41.272 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

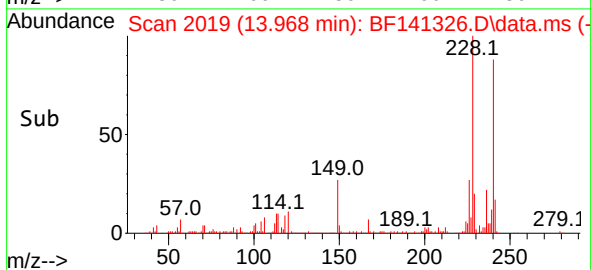
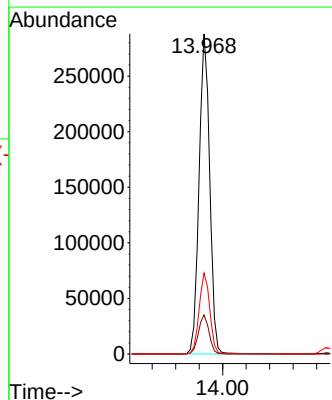
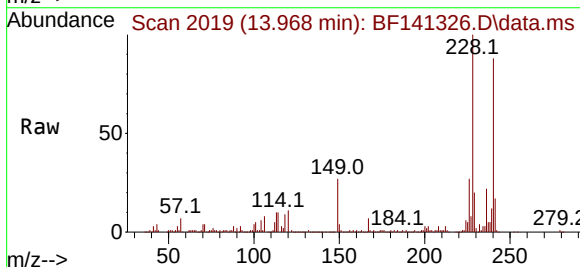
Instrument :
BNA_F
ClientSampleId :
PB166363BS

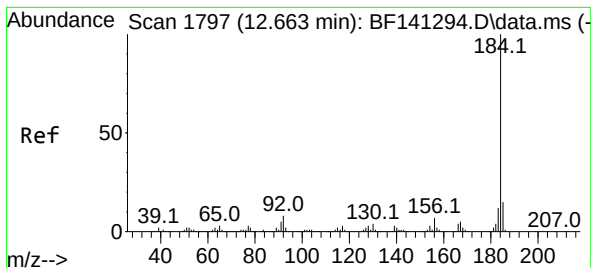
Tgt Ion:202 Resp: 1243504
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:240 Resp: 360251
Ion Ratio Lower Upper
240 100
120 12.2 10.0 15.0
236 25.3 19.7 29.5





#77

Benzidine

Concen: 57.740 ng

RT: 12.663 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

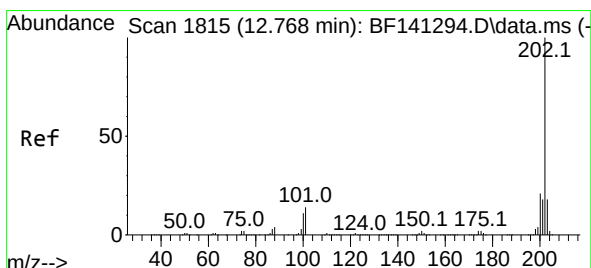
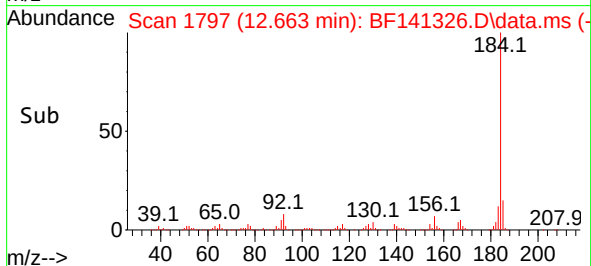
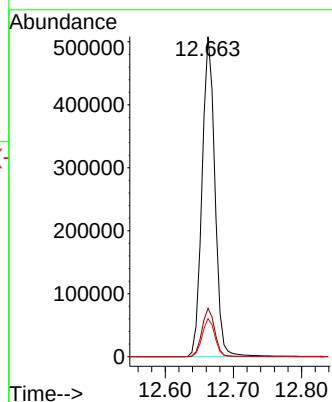
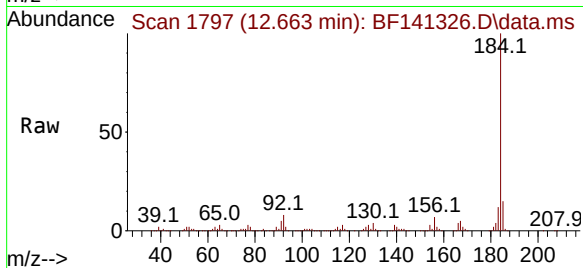
Tgt Ion:184 Resp: 666846

Ion Ratio Lower Upper

184 100

185 15.1 11.9 17.9

183 11.9 9.5 14.3



#78

Pyrene

Concen: 36.667 ng

RT: 12.768 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

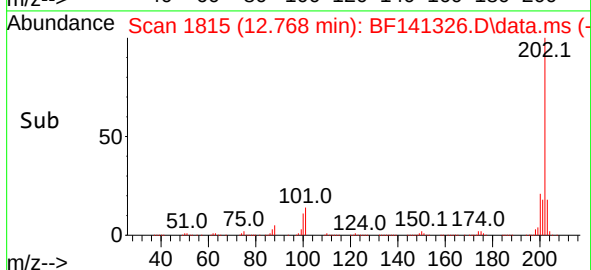
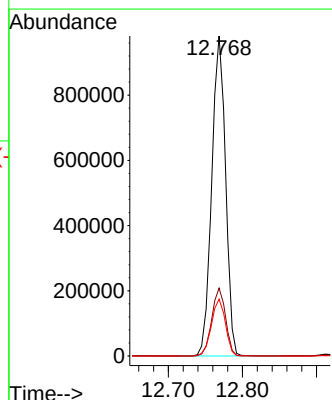
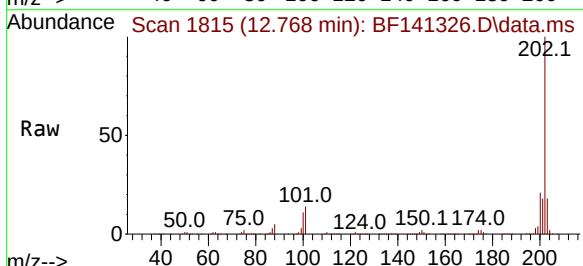
Tgt Ion:202 Resp: 1267965

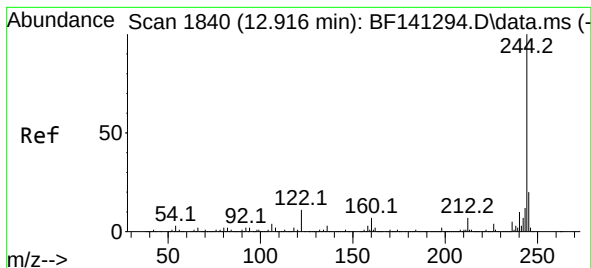
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 82.328 ng

RT: 12.916 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

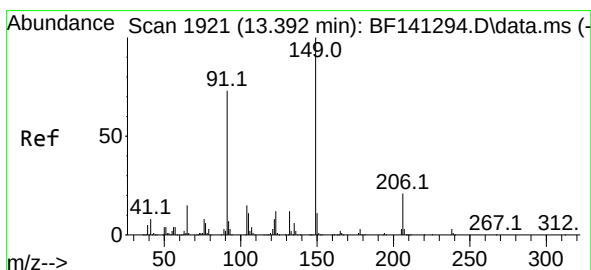
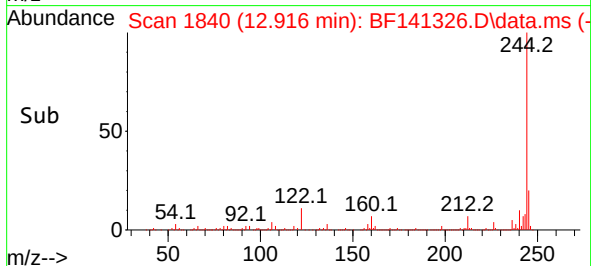
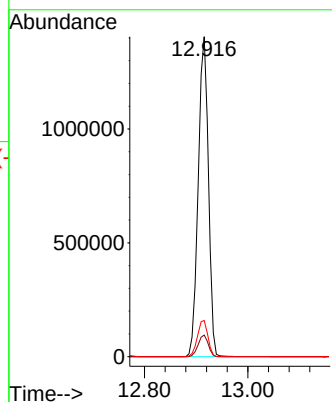
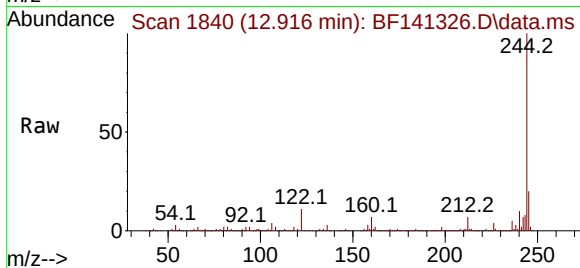
Tgt Ion:244 Resp: 1923163

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 11.3 8.8 13.2



#80

Butylbenzylphthalate

Concen: 43.249 ng

RT: 13.392 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

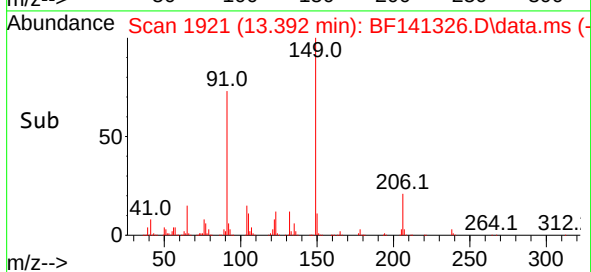
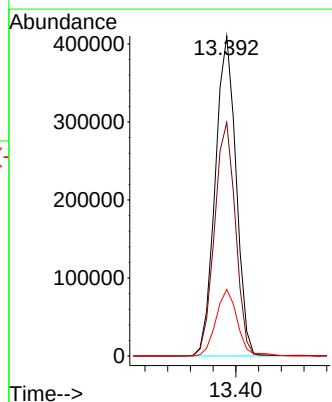
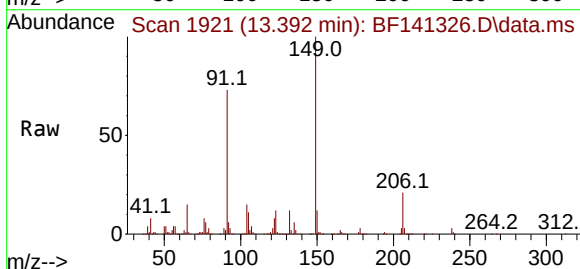
Tgt Ion:149 Resp: 522487

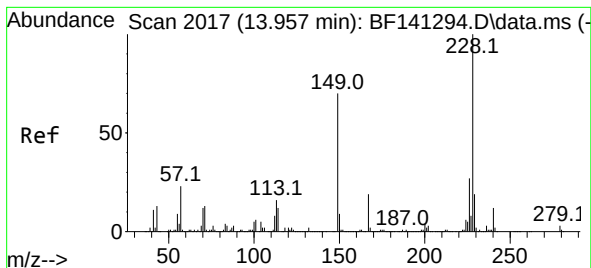
Ion Ratio Lower Upper

149 100

91 73.0 58.6 87.8

206 20.7 16.7 25.1





#81

Benzo(a)anthracene

Concen: 36.874 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

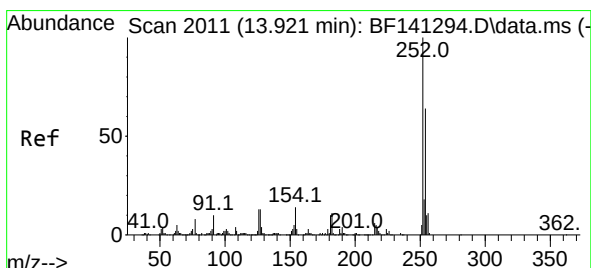
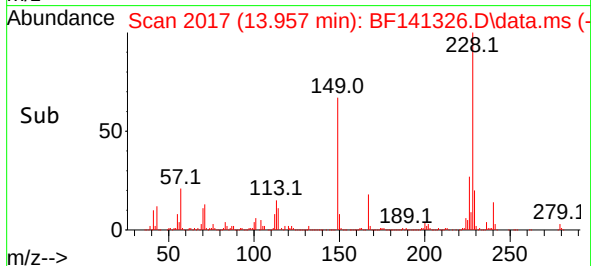
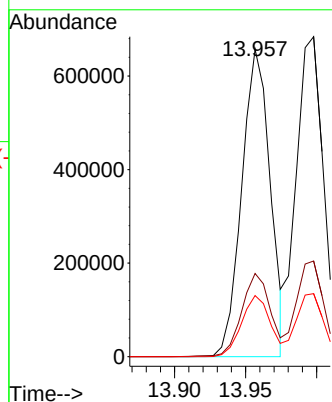
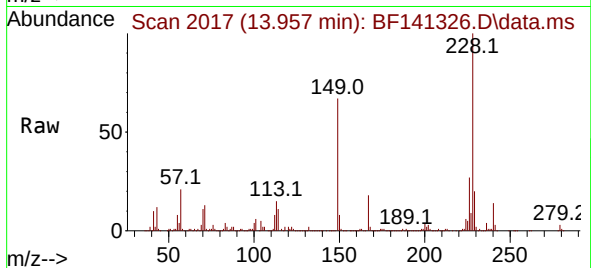
Tgt Ion:228 Resp: 916653

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 18.609 ng

RT: 13.921 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

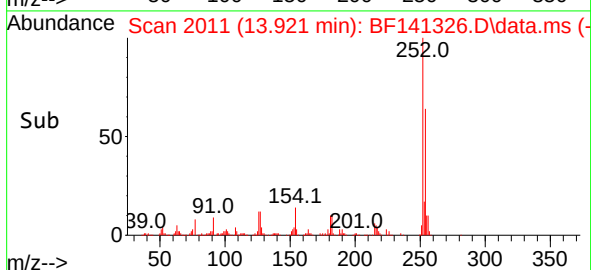
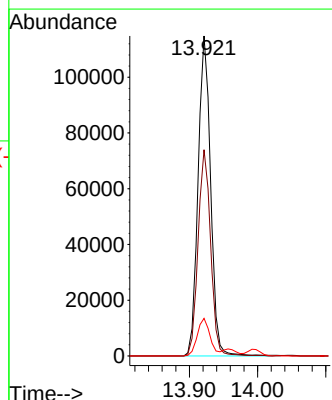
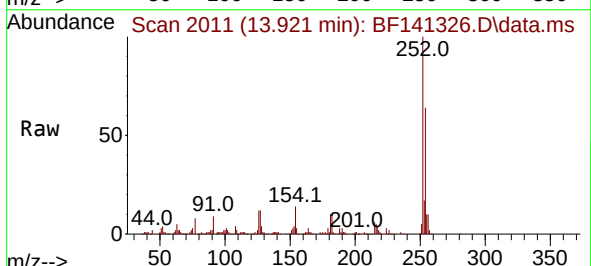
Tgt Ion:252 Resp: 147134

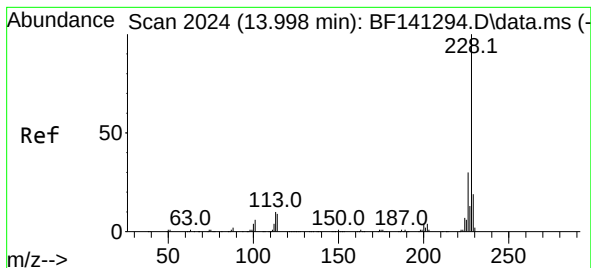
Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

126 11.8 10.0 15.0





#83

Chrysene

Concen: 40.038 ng

RT: 13.998 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

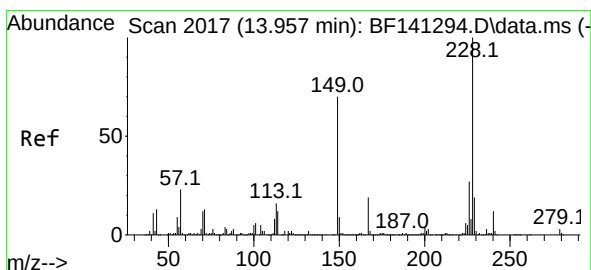
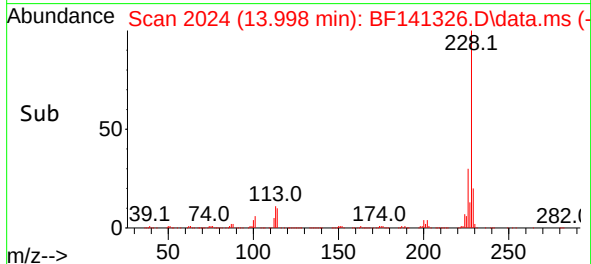
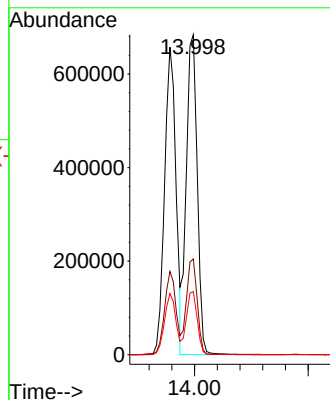
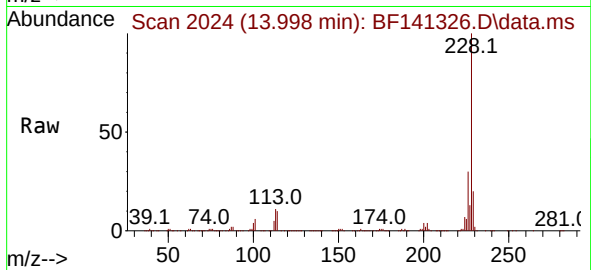
Tgt Ion:228 Resp: 912171

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.219 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

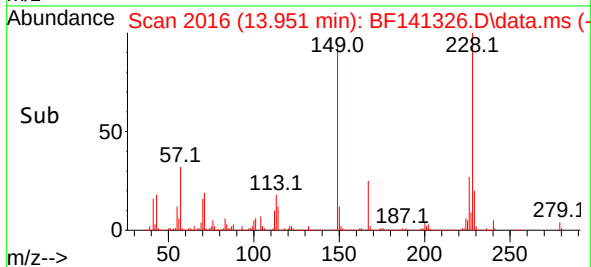
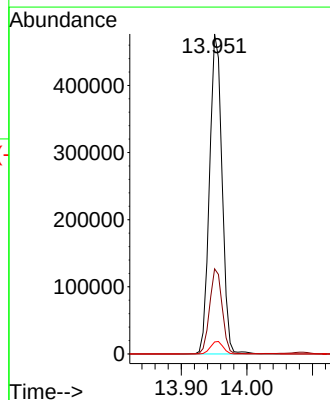
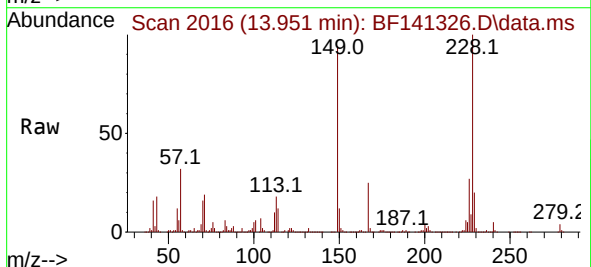
Tgt Ion:149 Resp: 631697

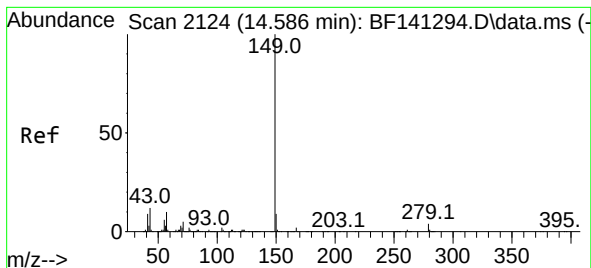
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.094 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

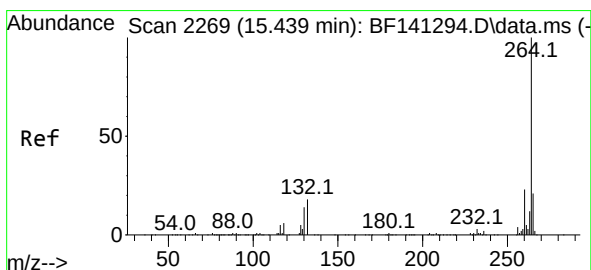
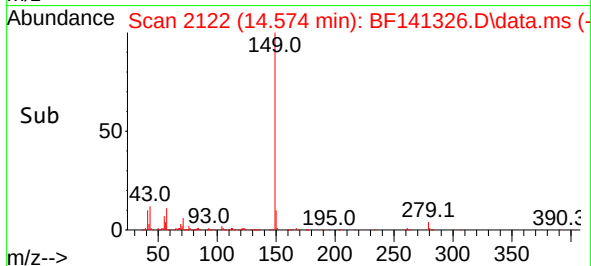
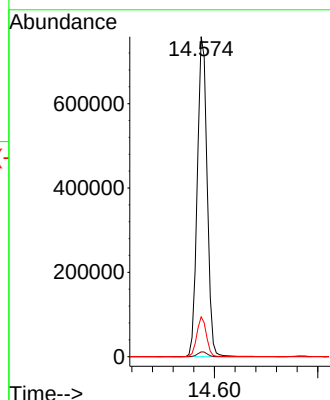
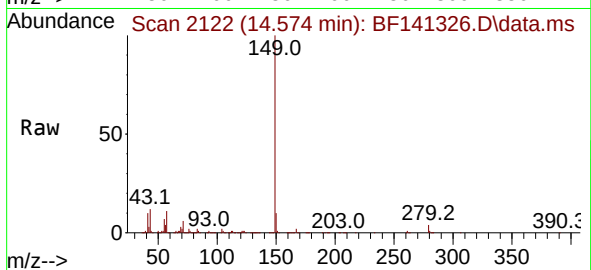
Tgt Ion:149 Resp: 1001969

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.1 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

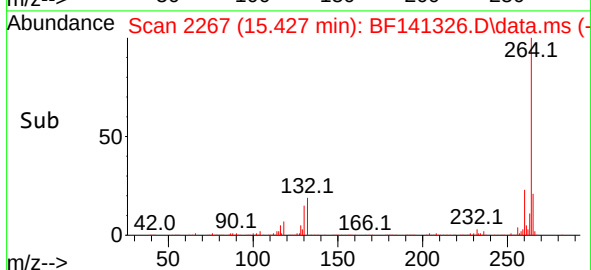
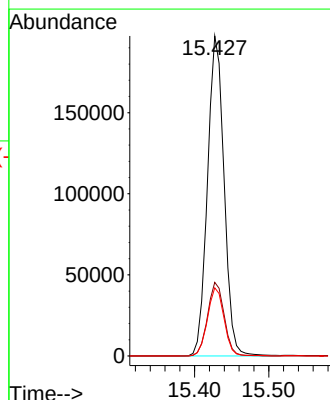
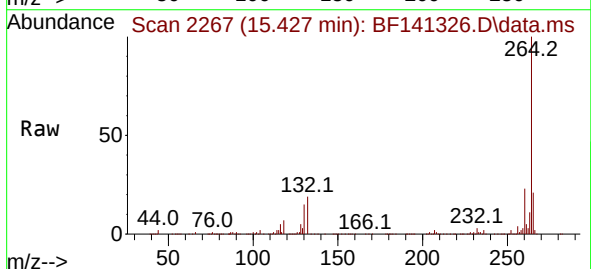
Tgt Ion:264 Resp: 306952

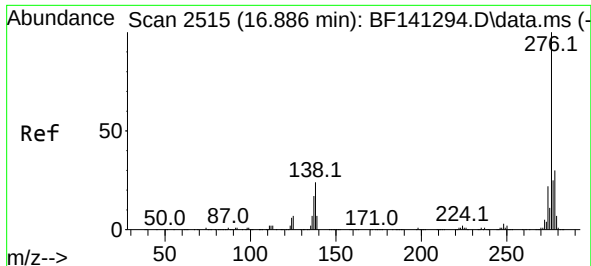
Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.3 16.7 25.1

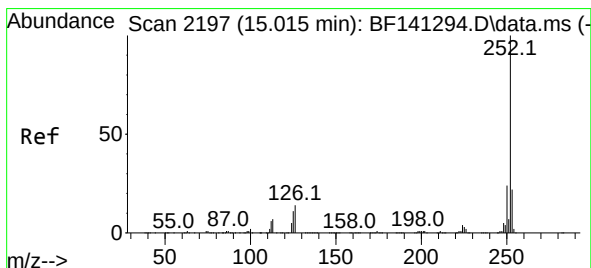
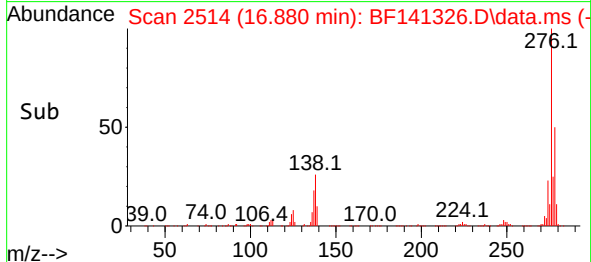
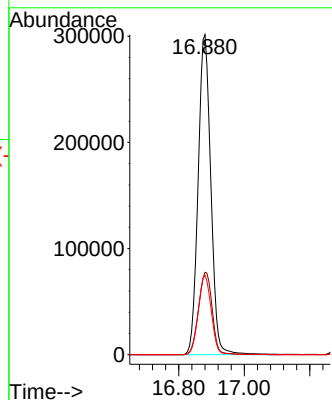
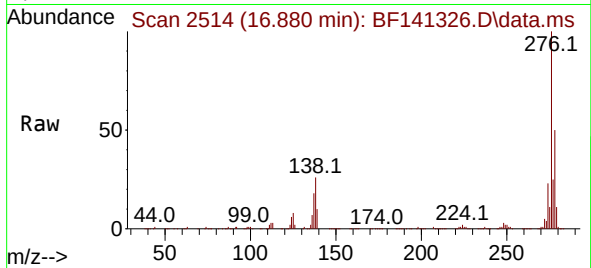




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.185 ng
 RT: 16.880 min Scan# 2196
 Delta R.T. -0.018 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

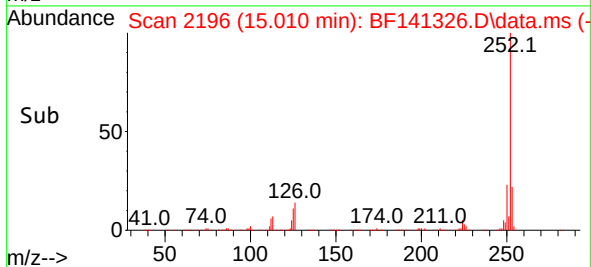
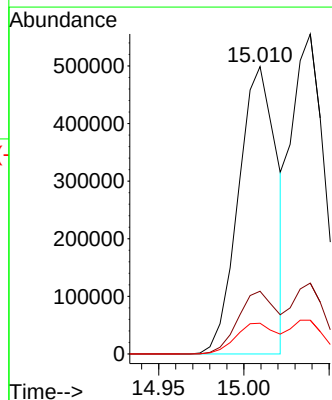
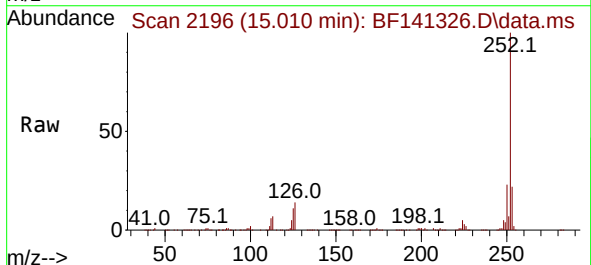
Instrument :
 BNA_F
 ClientSampleId :
 PB166363BS

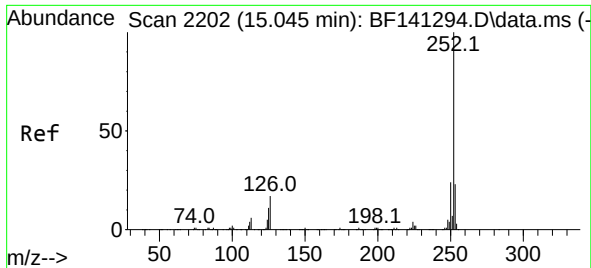
Tgt Ion:276 Resp: 815928
 Ion Ratio Lower Upper
 276 100
 138 27.7 21.7 32.5
 277 25.4 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 40.272 ng
 RT: 15.010 min Scan# 2196
 Delta R.T. -0.012 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

Tgt Ion:252 Resp: 777569
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.2
 125 10.7 8.6 12.8

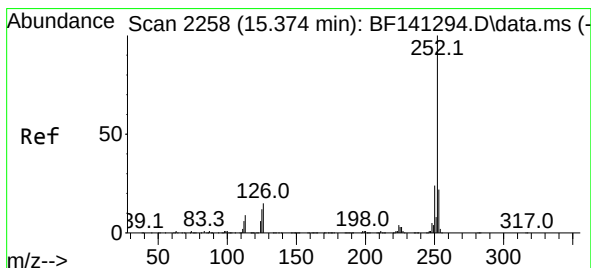
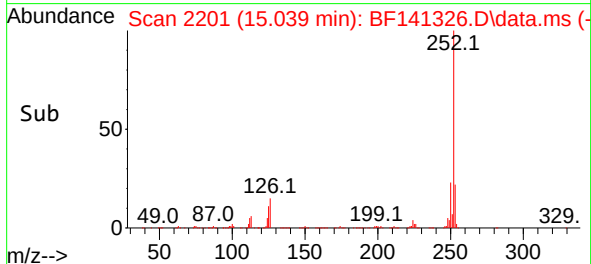
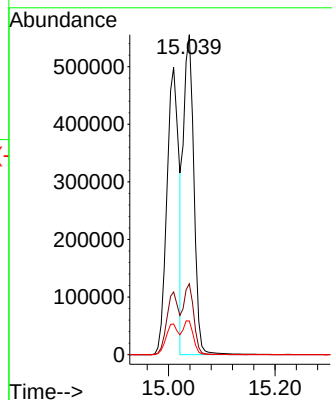
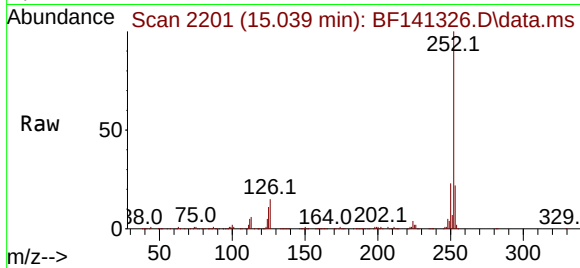




#89
Benzo(k)fluoranthene
Concen: 44.103 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

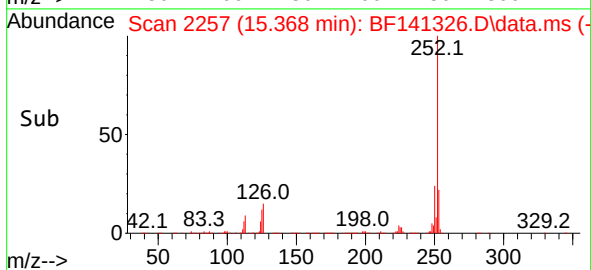
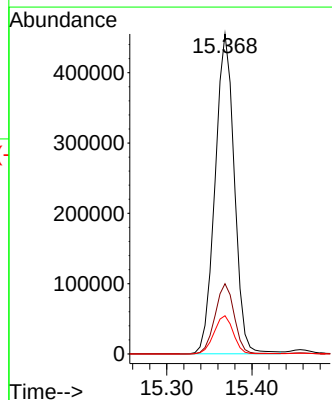
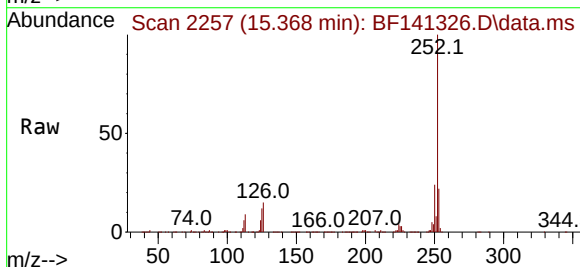
Instrument :
BNA_F
ClientSampleId :
PB166363BS

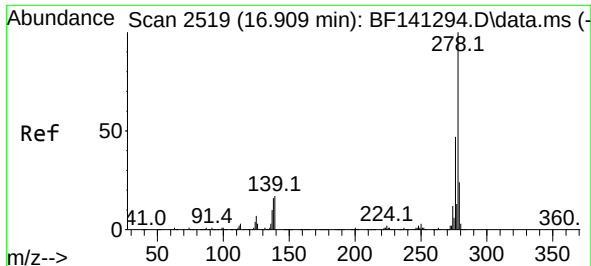
Tgt Ion:252 Resp: 754365
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 43.735 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:252 Resp: 713591
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.9 9.4 14.2

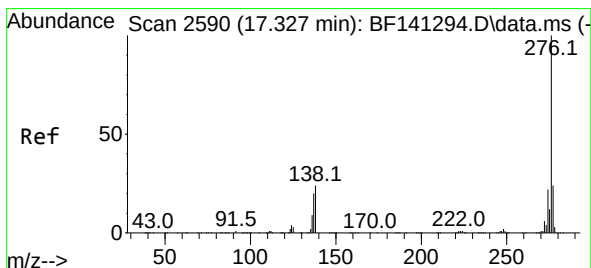
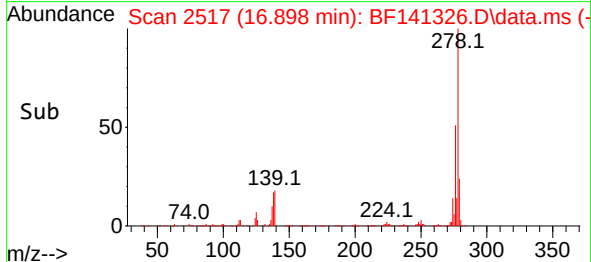
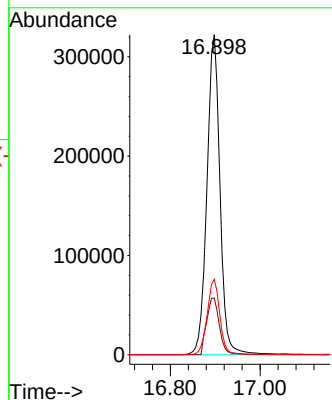
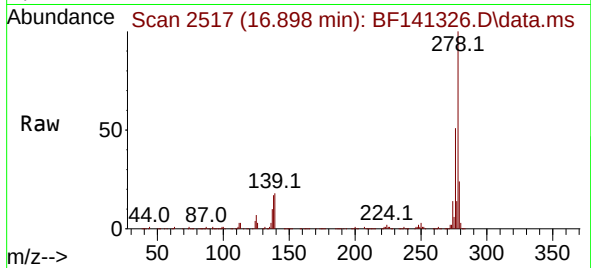




#91
 Dibenzo(a,h)anthracene
 Concen: 40.839 ng
 RT: 16.898 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

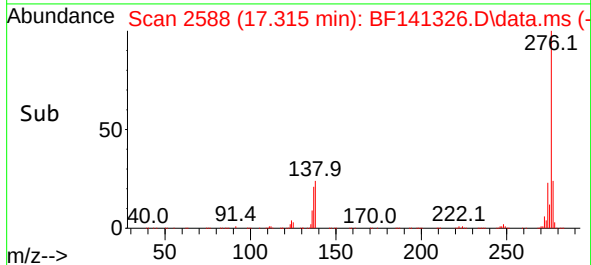
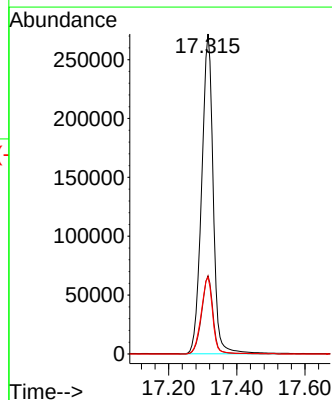
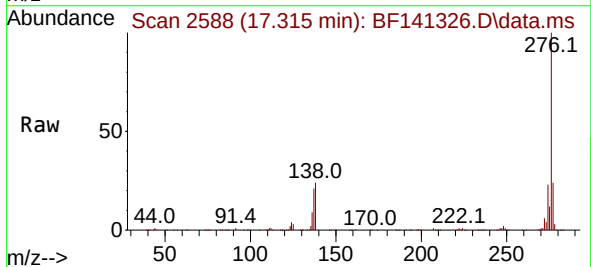
Instrument :
 BNA_F
 ClientSampleId :
 PB166363BS

Tgt Ion:278 Resp: 650927
 Ion Ratio Lower Upper
 278 100
 139 17.7 13.9 20.9
 279 23.6 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 38.467 ng
 RT: 17.315 min Scan# 2588
 Delta R.T. -0.030 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

Tgt Ion:276 Resp: 637520
 Ion Ratio Lower Upper
 276 100
 277 24.4 19.2 28.8
 138 23.9 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141327.D
 Acq On : 31 Jan 2025 12:54
 Operator : RC/JU
 Sample : PB166363BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166363BSD

Quant Time: Jan 31 13:16:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	162815	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	656268	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	352985	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	593804	20.000	ng	0.00
76) Chrysene-d12	13.969	240	372769	20.000	ng	0.00
86) Perylene-d12	15.427	264	322252	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1246986	117.580	ng	0.00
7) Phenol-d6	6.434	99	1582813	117.319	ng	0.00
23) Nitrobenzene-d5	7.363	82	1022248	82.115	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	407137	125.813	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1784508	77.813	ng	0.00
79) Terphenyl-d14	12.916	244	2011572	83.221	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	166928	35.789	ng	99
3) Pyridine	3.316	79	409396	36.430	ng	99
4) n-Nitrosodimethylamine	3.263	42	246038	38.325	ng	98
6) Aniline	6.463	93	454738	39.818	ng	95
8) 2-Chlorophenol	6.581	128	454041	39.943	ng	98
9) Benzaldehyde	6.351	77	384438	49.194	ng	100
10) Phenol	6.445	94	546950	38.244	ng	90
11) bis(2-Chloroethyl)ether	6.540	93	410915	37.473	ng	98
12) 1,3-Dichlorobenzene	6.740	146	453232	36.162	ng	99
13) 1,4-Dichlorobenzene	6.816	146	456173	36.230	ng	100
14) 1,2-Dichlorobenzene	6.969	146	441372	37.436	ng	99
15) Benzyl Alcohol	6.940	79	382706	41.508	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	755292	39.610	ng	98
17) 2-Methylphenol	7.051	107	366895	39.714	ng	99
18) Hexachloroethane	7.310	117	172836	37.209	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	309046	38.550	ng	97
20) 3+4-Methylphenols	7.204	107	436495	38.480	ng	96
22) Acetophenone	7.210	105	640608	41.066	ng	99
24) Nitrobenzene	7.381	77	466546	36.164	ng	99
25) Isophorone	7.622	82	852148	39.599	ng	100
26) 2-Nitrophenol	7.698	139	240977	39.606	ng	99
27) 2,4-Dimethylphenol	7.734	122	382924	49.446	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	525514	38.285	ng	99
29) 2,4-Dichlorophenol	7.939	162	366016	38.606	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	382419	35.320	ng	100
31) Naphthalene	8.104	128	1259081	36.317	ng	100
32) Benzoic acid	7.863	122	325960	45.786	ng	99
33) 4-Chloroaniline	8.151	127	147310	12.530	ng	98
34) Hexachlorobutadiene	8.222	225	225660	35.540	ng	99
35) Caprolactam	8.522	113	89287	28.837	ng	99
36) 4-Chloro-3-methylphenol	8.634	107	408024	40.122	ng	96
37) 2-Methylnaphthalene	8.792	142	799792	36.296	ng	98
38) 1-Methylnaphthalene	8.892	142	783637	36.204	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	408014	40.631	ng	98
41) Hexachlorocyclopentadiene	8.945	237	467280	157.562	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	260073	39.568	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141327.D
 Acq On : 31 Jan 2025 12:54
 Operator : RC/JU
 Sample : PB166363BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

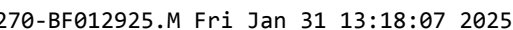
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 PB166363BSD

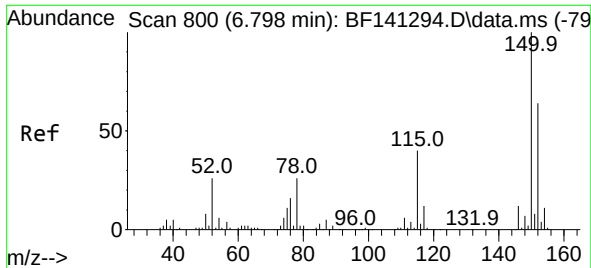
Quant Time: Jan 31 13:16:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	274449	38.364	ng	98
46) 1,1'-Biphenyl	9.257	154	1138200	41.346	ng	99
47) 2-Chloronaphthalene	9.281	162	769486	35.862	ng	99
48) 2-Nitroaniline	9.381	65	268925	39.846	ng	99
49) Acenaphthylene	9.698	152	1211717	40.342	ng	99
50) Dimethylphthalate	9.563	163	935055	39.221	ng	100
51) 2,6-Dinitrotoluene	9.622	165	211622	38.230	ng	99
52) Acenaphthene	9.869	154	905912	42.218	ng	99
53) 3-Nitroaniline	9.792	138	107941	19.896	ng	99
54) 2,4-Dinitrophenol	9.898	184	252834	98.257	ng	96
55) Dibenzofuran	10.045	168	1089517	37.933	ng	100
56) 4-Nitrophenol	9.957	139	358814	90.432	ng	99
57) 2,4-Dinitrotoluene	10.028	165	285303	39.808	ng	97
58) Fluorene	10.386	166	844352	37.898	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	238057	42.298	ng	100
60) Diethylphthalate	10.263	149	893307	38.644	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	405648	37.274	ng	100
62) 4-Nitroaniline	10.410	138	209172	39.216	ng	99
63) Azobenzene	10.539	77	911933	39.412	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	162906	46.381	ng	98
66) n-Nitrosodiphenylamine	10.498	169	763790	39.769	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	260632	39.206	ng	99
68) Hexachlorobenzene	10.933	284	274528	38.931	ng	99
69) Atrazine	11.028	200	294187	45.813	ng	99
70) Pentachlorophenol	11.133	266	349899	84.735	ng	98
71) Phenanthrene	11.351	178	1269881	39.784	ng	99
72) Anthracene	11.404	178	1302000	41.630	ng	100
73) Carbazole	11.557	167	1136855	40.994	ng	100
74) Di-n-butylphthalate	11.892	149	1401598	41.703	ng	100
75) Fluoranthene	12.539	202	1289953	40.929	ng	99
77) Benzidine	12.663	184	716205	59.932	ng	100
78) Pyrene	12.769	202	1324799	37.024	ng	100
80) Butylbenzylphthalate	13.392	149	541805	43.342	ng	99
81) Benzo(a)anthracene	13.957	228	942894	36.655	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	154325	18.863	ng	99
83) Chrysene	13.992	228	939517	39.853	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	657794	41.481	ng	100
85) Di-n-octyl phthalate	14.574	149	1053825	42.786	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	856626	41.186	ng	99
88) Benzo(b)fluoranthene	15.010	252	845792	41.725	ng	99
89) Benzo(k)fluoranthene	15.039	252	758956	42.265	ng	100
90) Benzo(a)pyrene	15.368	252	749665	43.765	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	681454	40.724	ng	100
92) Benzo(g,h,i)perylene	17.315	276	666012	38.278	ng	99

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

Quant Time: Jan 31 13:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

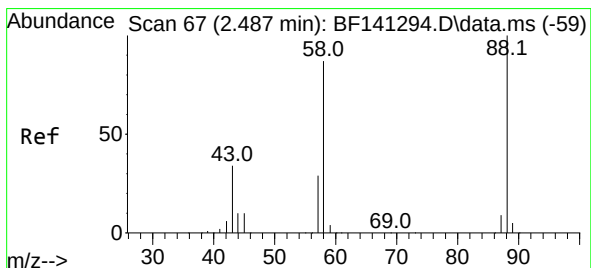
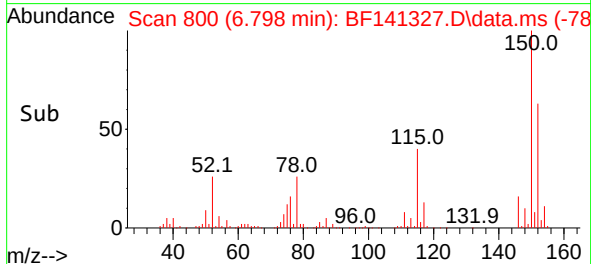
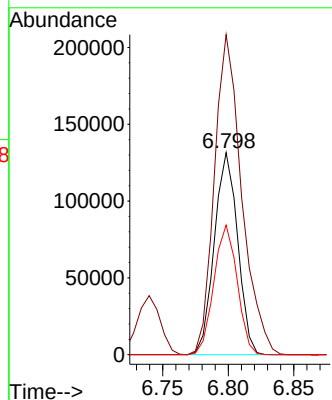
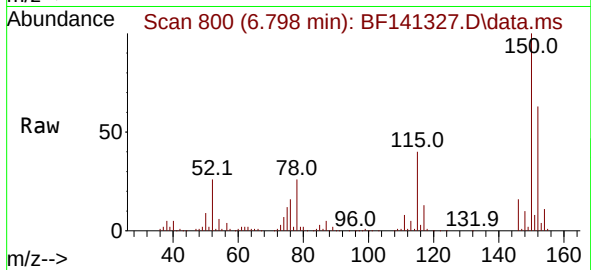




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54

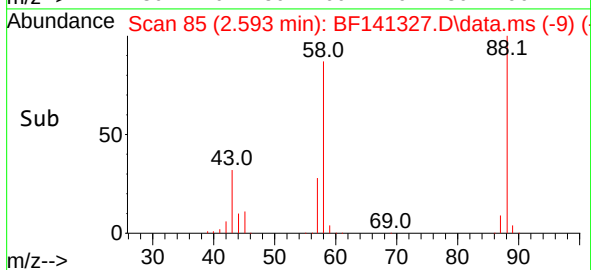
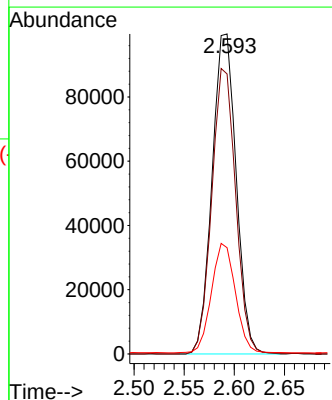
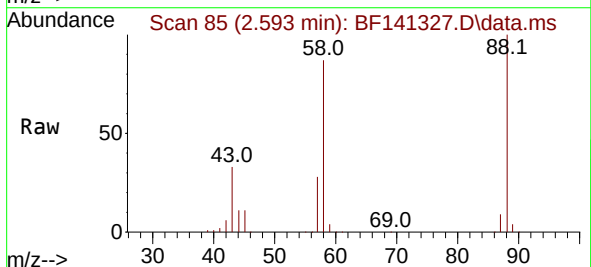
Instrument :
 BNA_F
 ClientSampleId :
 PB166363BSD

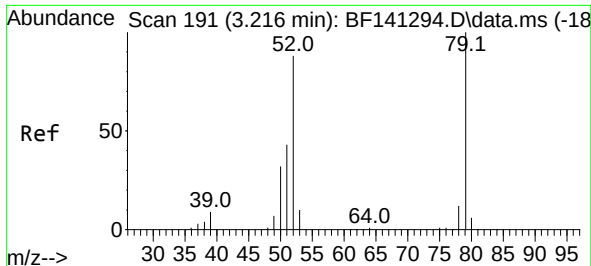
Tgt Ion:152 Resp: 162815
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.9 188.9
 115 64.1 49.7 74.5



#2
 1,4-Dioxane
 Concen: 35.789 ng
 RT: 2.593 min Scan# 85
 Delta R.T. 0.100 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54

Tgt Ion: 88 Resp: 166928
 Ion Ratio Lower Upper
 88 100
 58 88.5 70.2 105.4
 43 34.0 27.6 41.4





#3

Pyridine

Concen: 36.430 ng

RT: 3.316 min Scan# 20

Delta R.T. 0.088 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

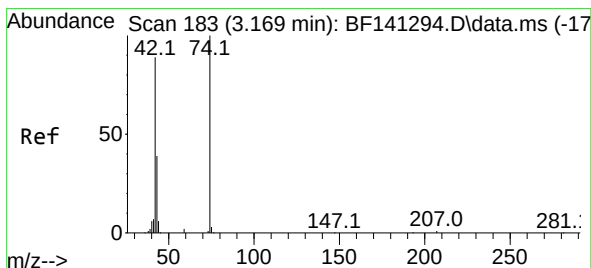
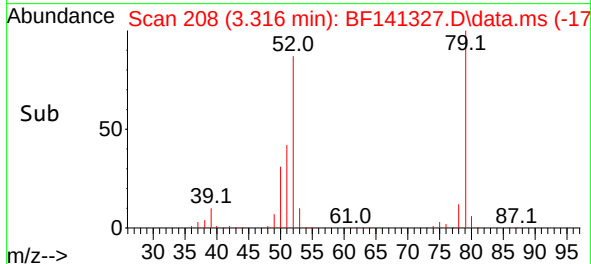
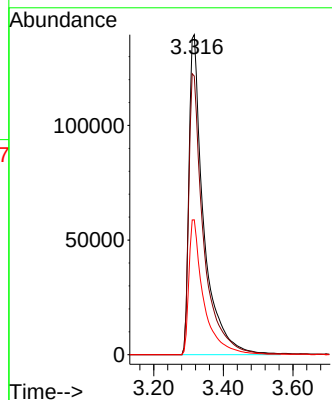
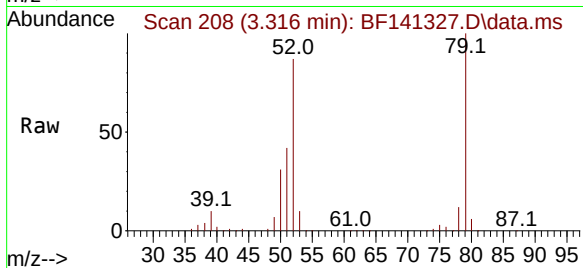
Tgt Ion: 79 Resp: 409396

Ion Ratio Lower Upper

79 100

52 87.0 70.3 105.5

51 42.1 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 38.325 ng

RT: 3.263 min Scan# 199

Delta R.T. 0.065 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

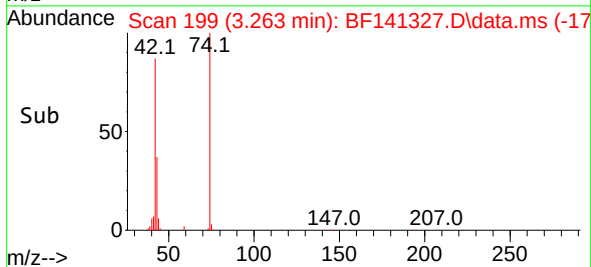
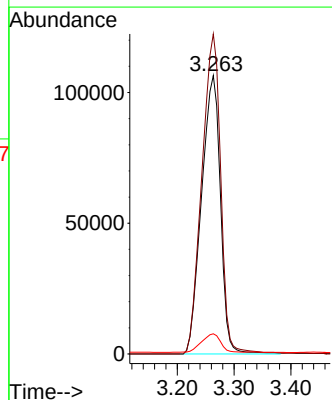
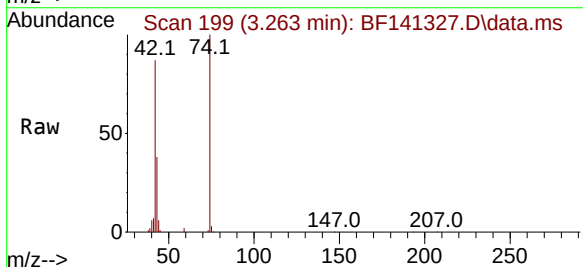
Tgt Ion: 42 Resp: 246038

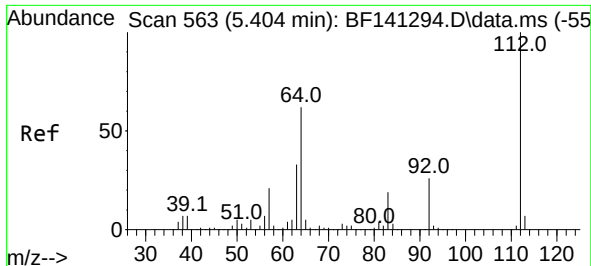
Ion Ratio Lower Upper

42 100

74 115.0 90.3 135.5

44 7.3 5.7 8.5

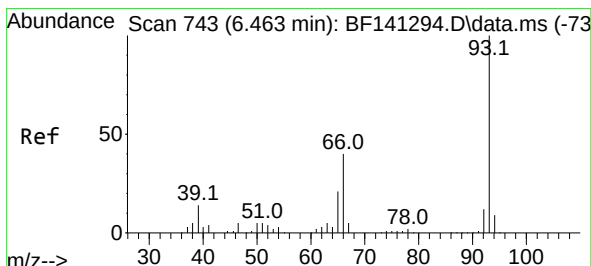
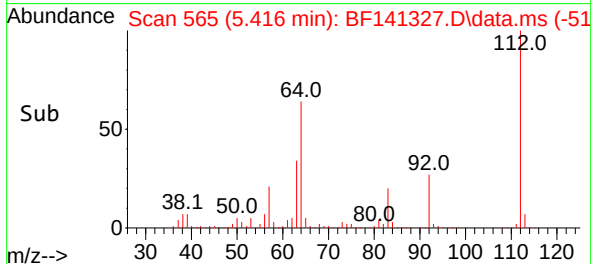
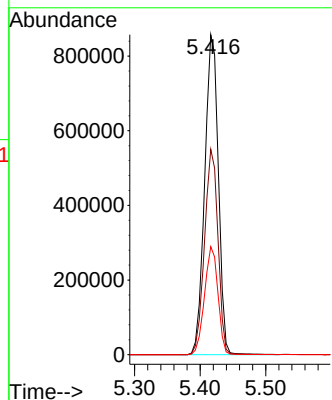
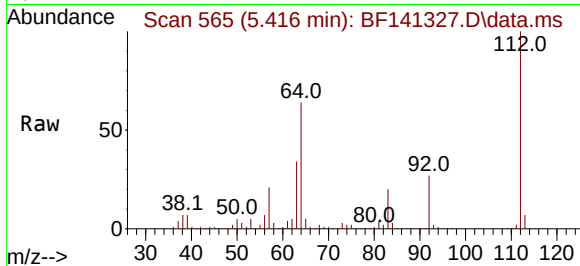




#5
2-Fluorophenol
Concen: 117.580 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

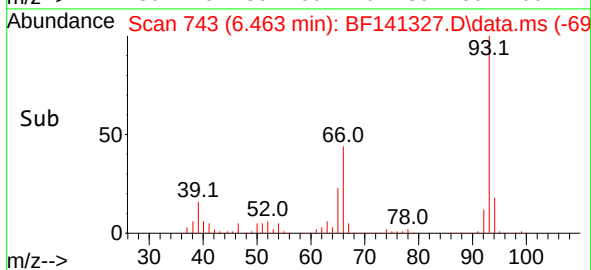
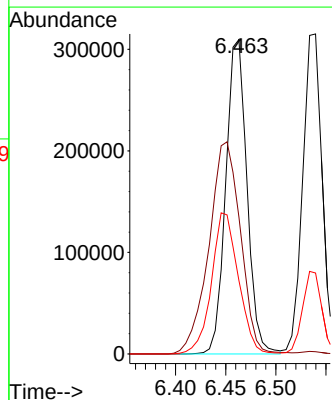
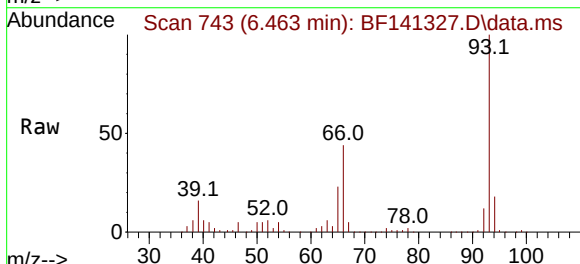
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

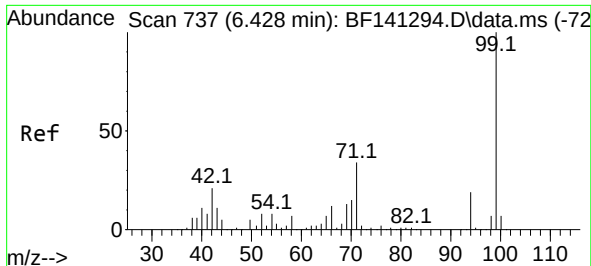
Tgt Ion:112 Resp: 1246986
Ion Ratio Lower Upper
112 100
64 64.2 49.8 74.8
63 33.7 26.1 39.1



#6
Aniline
Concen: 39.818 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 93 Resp: 454738
Ion Ratio Lower Upper
93 100
66 43.6 32.5 48.7
65 23.4 17.0 25.6





#7

Phenol-d6

Concen: 117.319 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

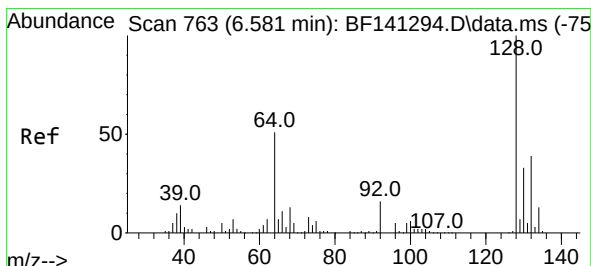
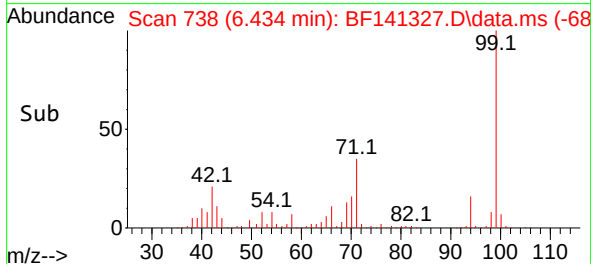
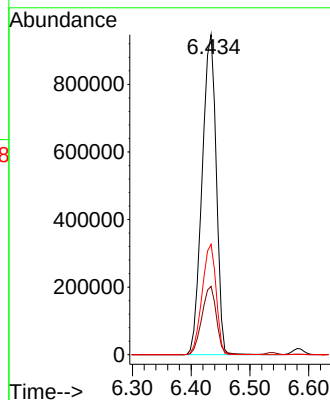
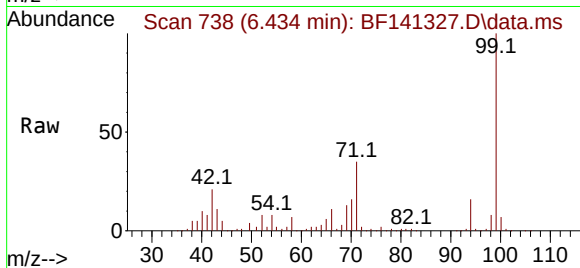
BNA_F

ClientSampleId :

PB166363BSD

Tgt Ion: 99 Resp: 1582813

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.1	25.7
71	34.5	26.9	40.3



#8

2-Chlorophenol

Concen: 39.943 ng

RT: 6.581 min Scan# 763

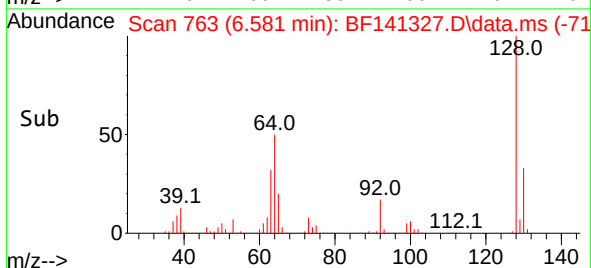
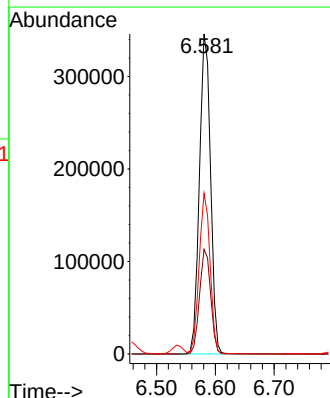
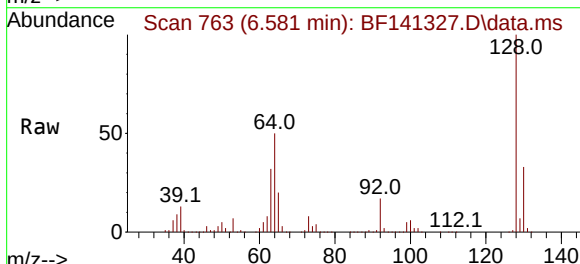
Delta R.T. -0.012 min

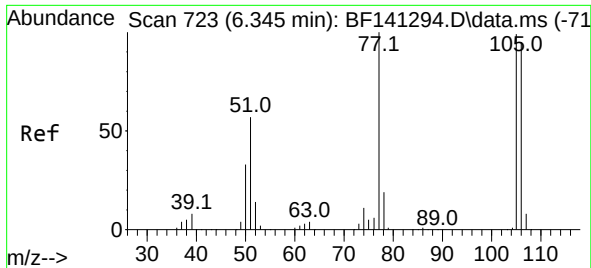
Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Tgt Ion:128 Resp: 454041

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	50.2	32.9	72.9





#9

Benzaldehyde

Concen: 49.194 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

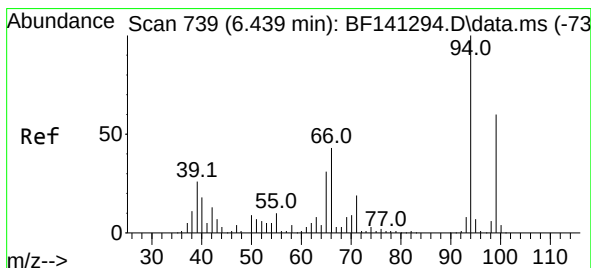
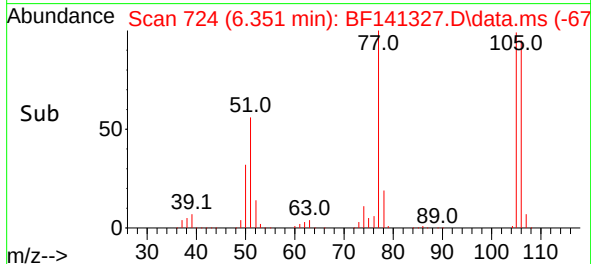
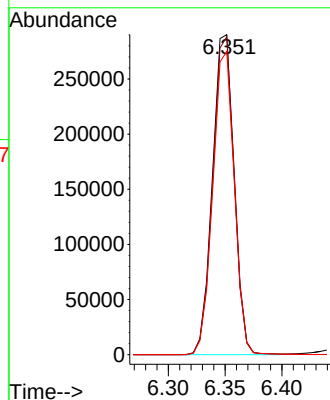
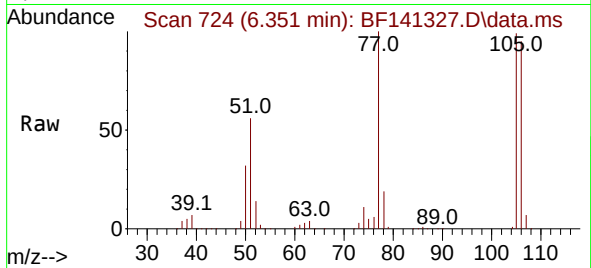
Tgt Ion: 77 Resp: 384438

Ion Ratio Lower Upper

77 100

105 99.3 79.4 119.4

106 94.8 74.6 114.6



#10

Phenol

Concen: 38.244 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

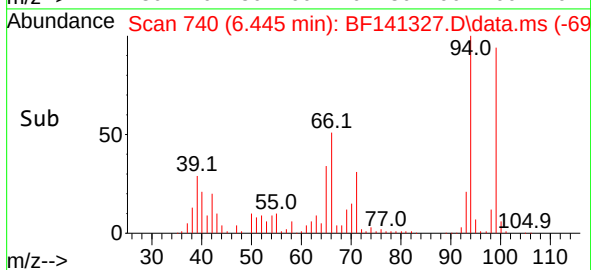
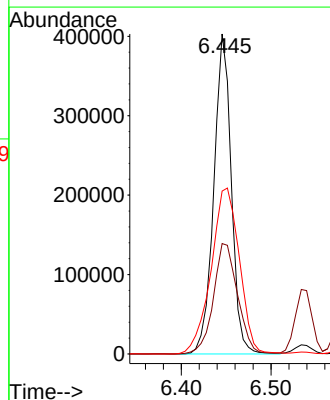
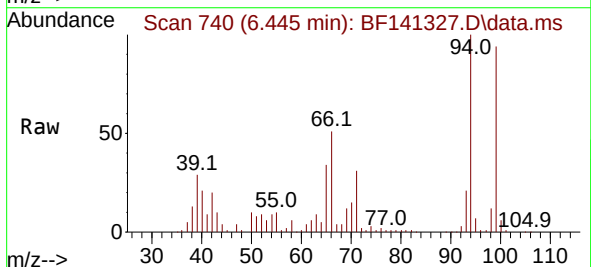
Tgt Ion: 94 Resp: 546950

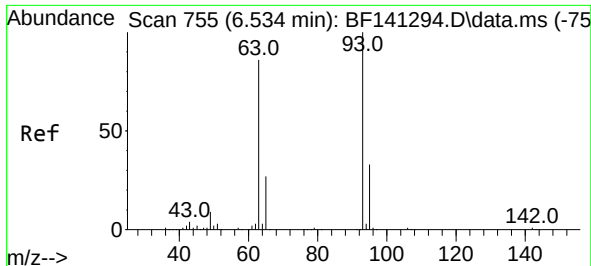
Ion Ratio Lower Upper

94 100

65 34.5 10.8 50.8

66 50.9 23.3 63.3

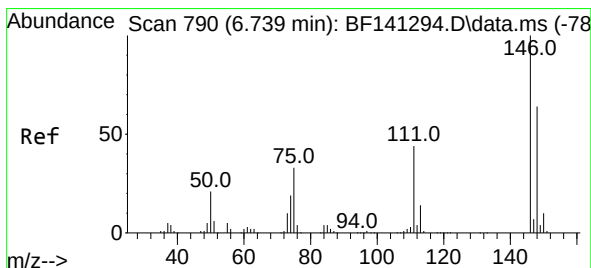
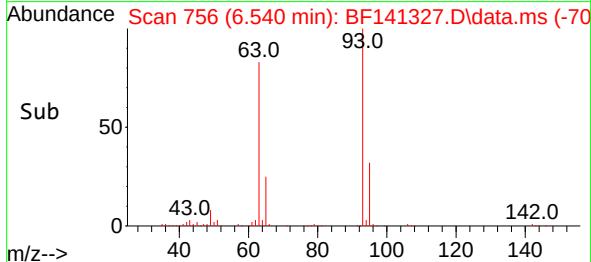
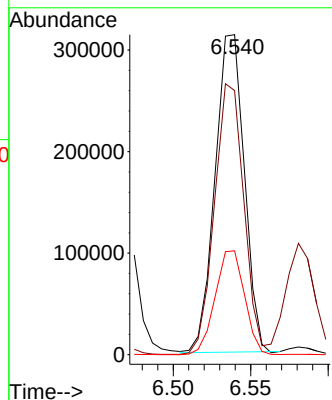
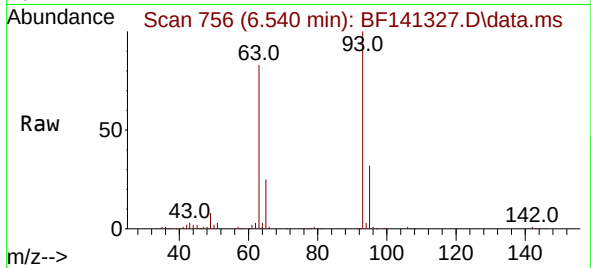




#11
bis(2-Chloroethyl)ether
Concen: 37.473 ng
RT: 6.540 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

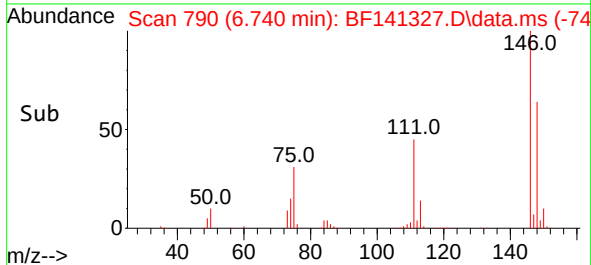
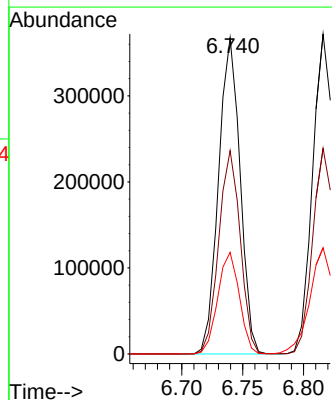
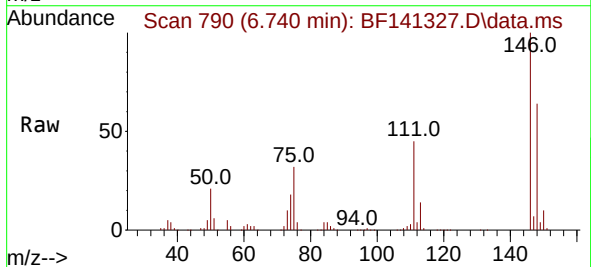
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

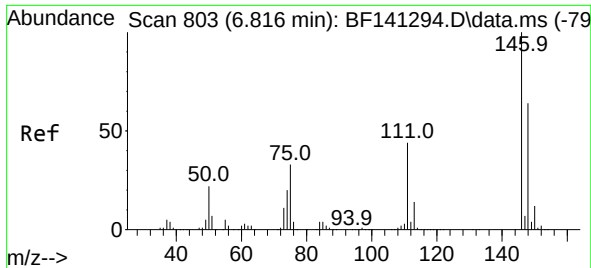
Tgt Ion: 93 Resp: 410915
Ion Ratio Lower Upper
93 100
63 82.6 65.0 105.0
95 32.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 36.162 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:146 Resp: 453232
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 32.1 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.230 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

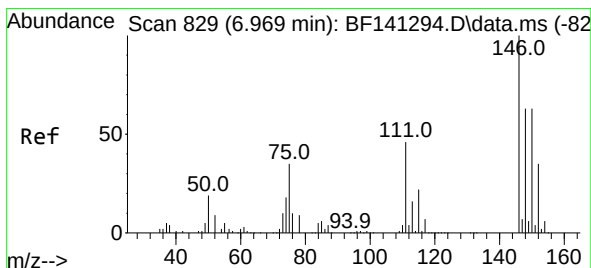
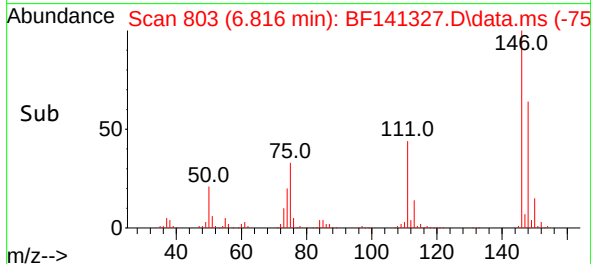
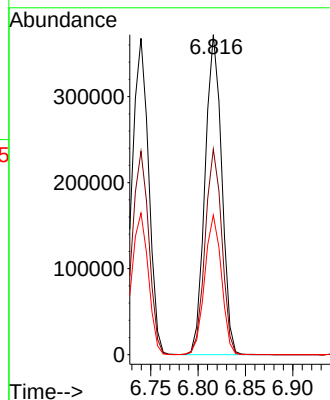
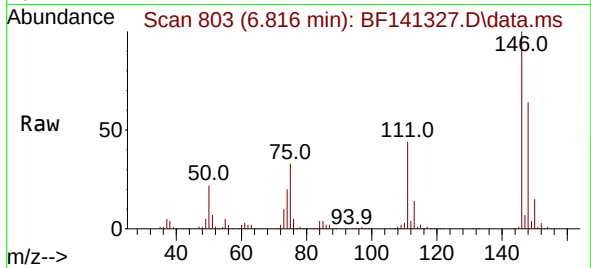
Tgt Ion:146 Resp: 456173

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

111 43.6 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 37.436 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

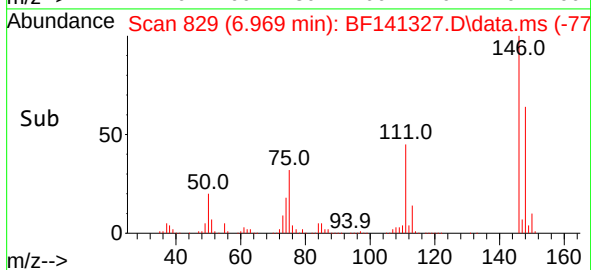
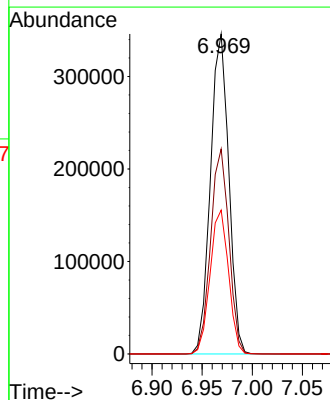
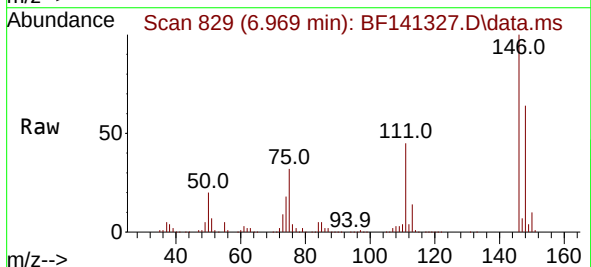
Tgt Ion:146 Resp: 441372

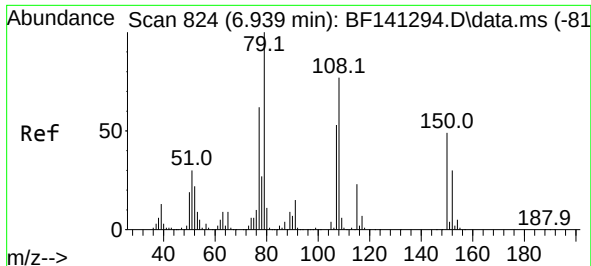
Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

111 45.0 36.6 55.0

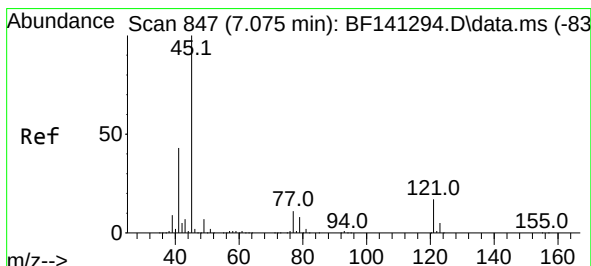
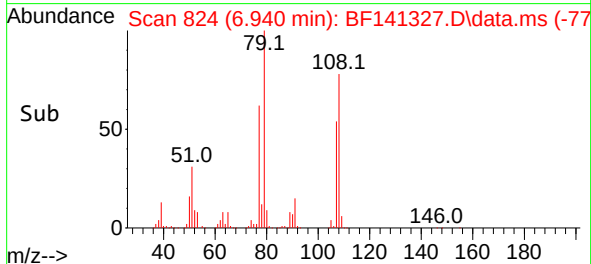
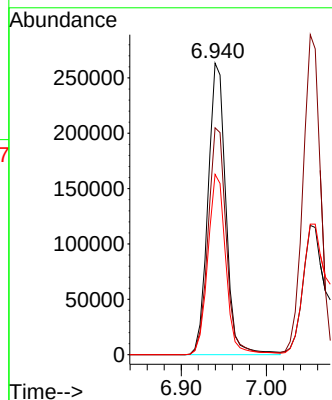
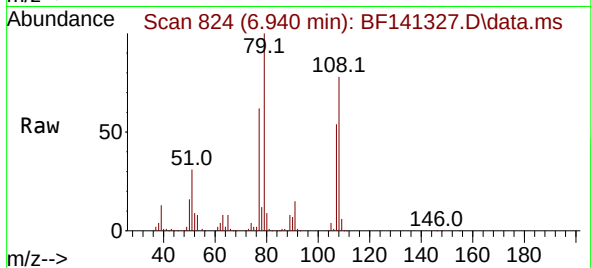




#15
Benzyl Alcohol
Concen: 41.508 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

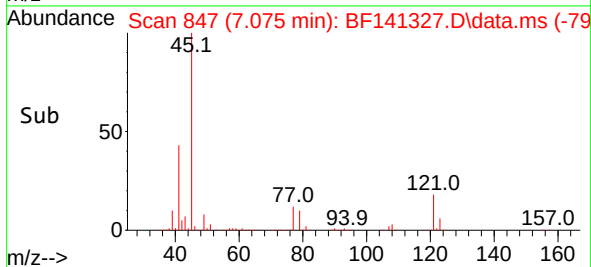
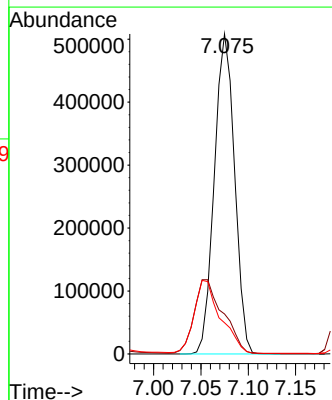
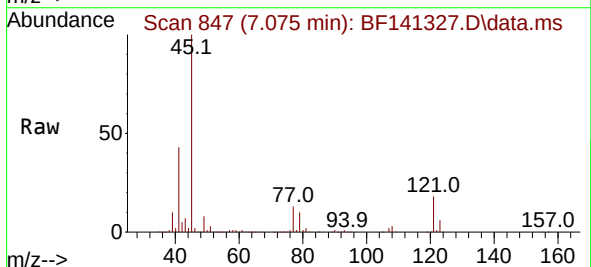
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

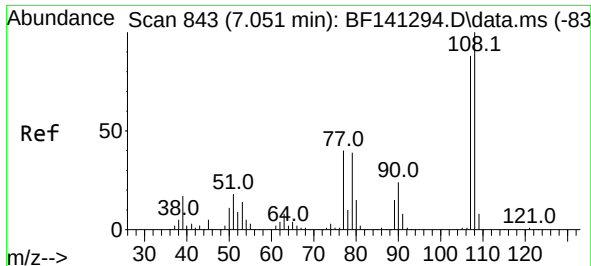
Tgt Ion: 79 Resp: 382706
Ion Ratio Lower Upper
79 100
108 77.8 61.4 92.0
77 61.8 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.610 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 45 Resp: 755292
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.8
79 9.7 0.0 29.1

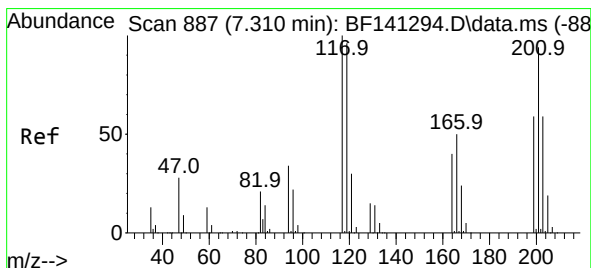
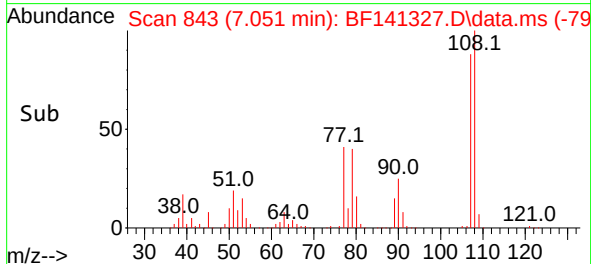
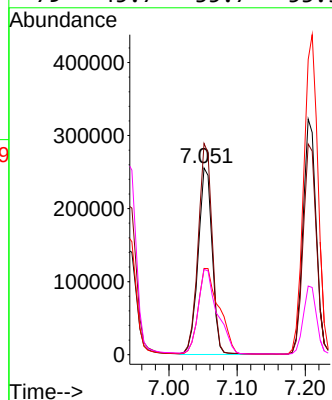
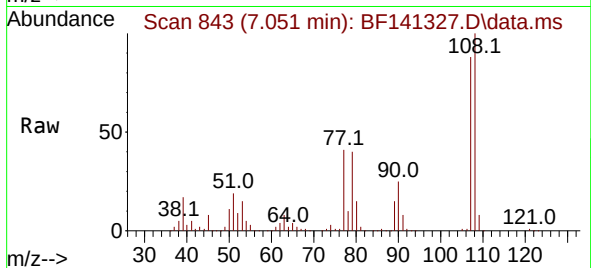




#17
2-Methylphenol
Concen: 39.714 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

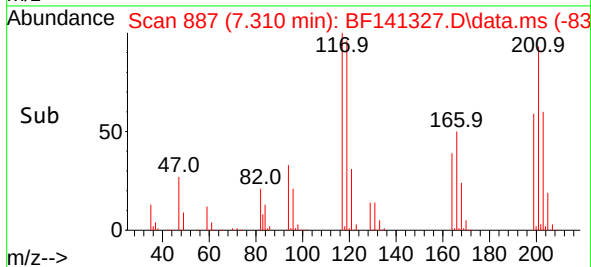
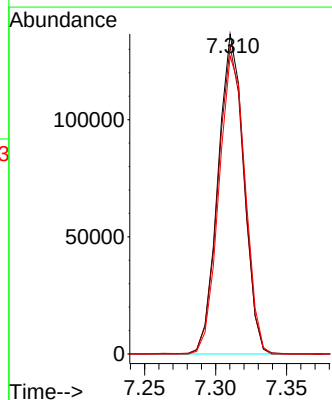
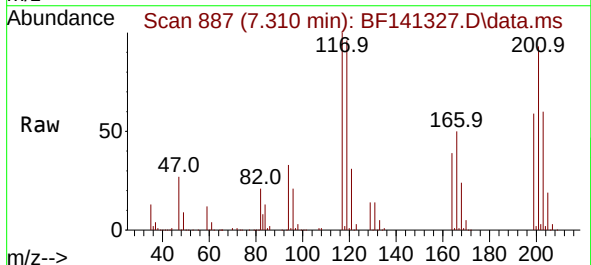
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

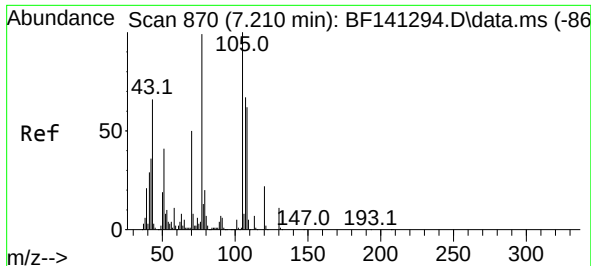
Tgt Ion:107 Resp: 366895
Ion Ratio Lower Upper
107 100
108 113.1 90.8 136.2
77 46.2 36.2 54.4
79 45.7 35.7 53.5



#18
Hexachloroethane
Concen: 37.209 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:117 Resp: 172836
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8
201 93.1 74.8 112.2

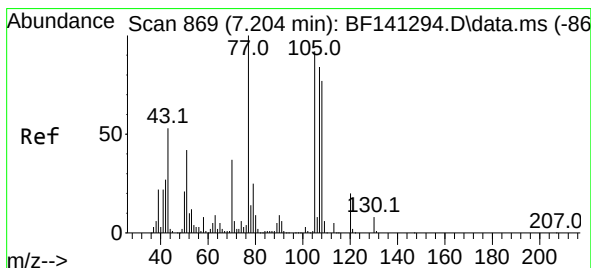
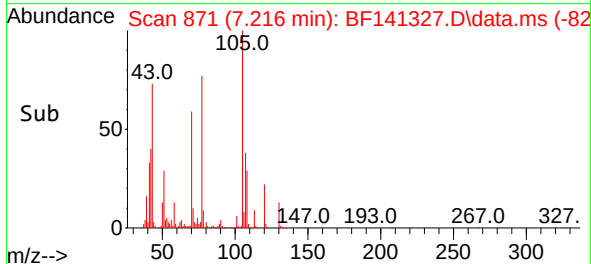
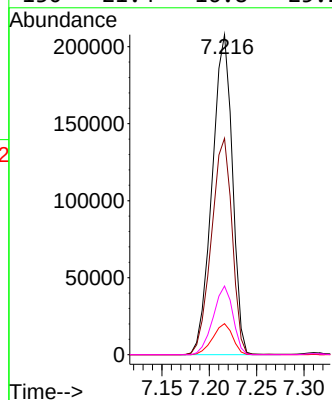
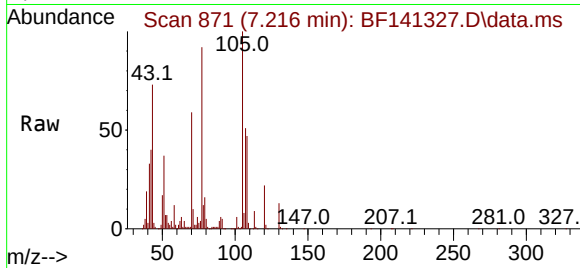




#19
n-Nitroso-di-n-propylamine
Concen: 38.550 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

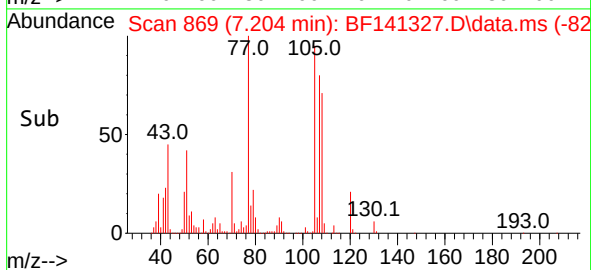
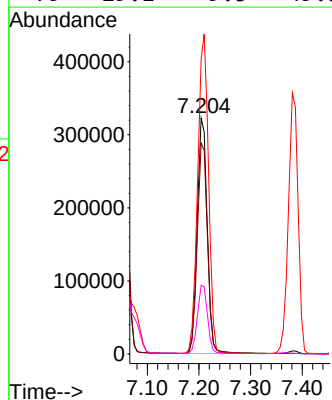
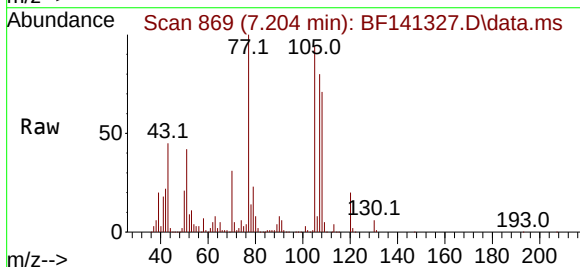
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

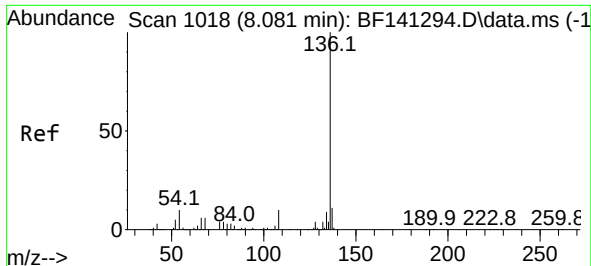
Tgt Ion: 70 Resp: 309046
Ion Ratio Lower Upper
70 100
42 67.6 56.8 85.2
101 9.7 7.7 11.5
130 21.4 16.8 25.2



#20
3+4-Methylphenols
Concen: 38.480 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 107 Resp: 436495
Ion Ratio Lower Upper
107 100
108 89.4 70.9 110.9
77 125.3 98.5 138.5
79 29.1 9.5 49.5

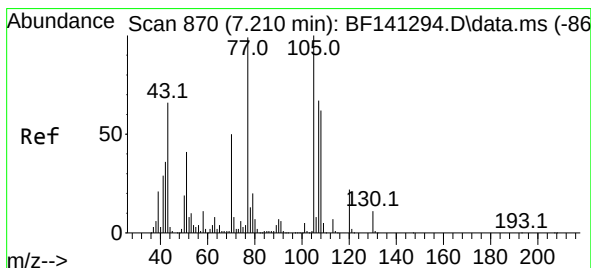
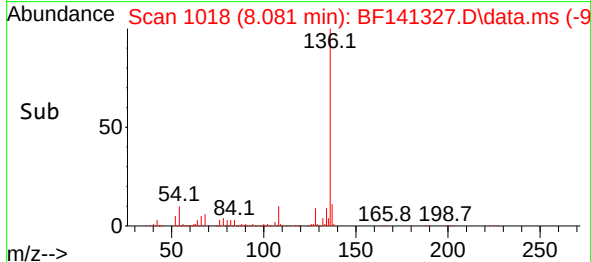
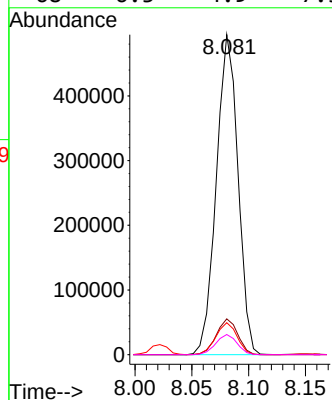
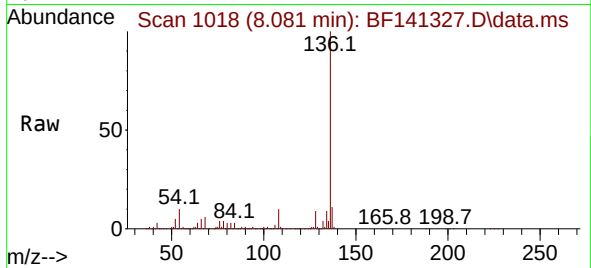




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

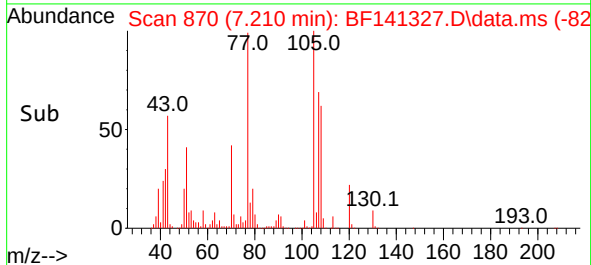
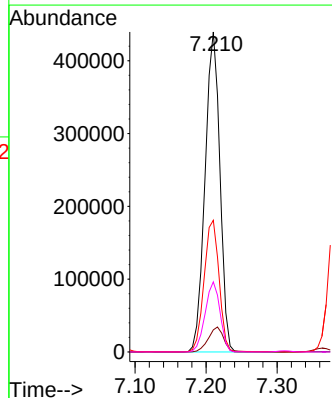
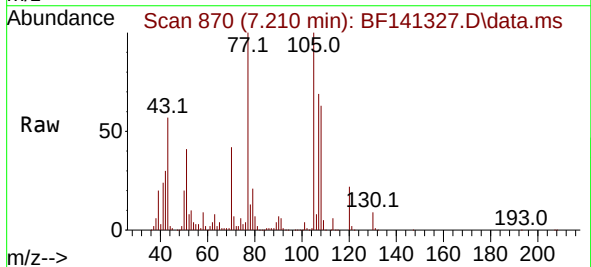
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

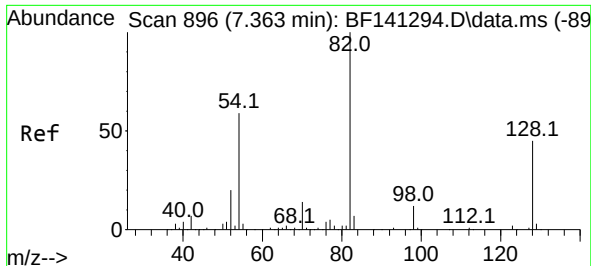
Tgt Ion:	136	Resp:	656268
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	10.0	7.8	11.8
68	6.3	4.9	7.3



#22
Acetophenone
Concen: 41.066 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:	105	Resp:	640608
Ion	Ratio	Lower	Upper
105	100		
71	6.9	6.8	10.2
51	41.1	32.6	49.0
120	21.9	17.4	26.0





#23

Nitrobenzene-d5

Concen: 82.115 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

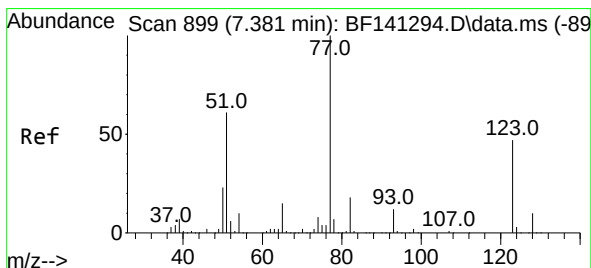
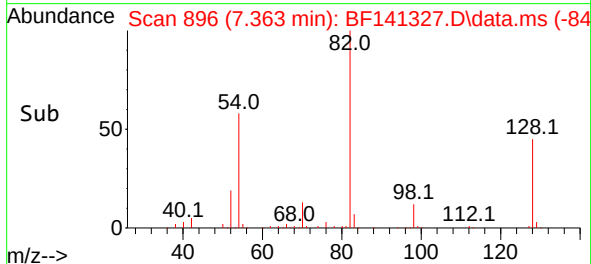
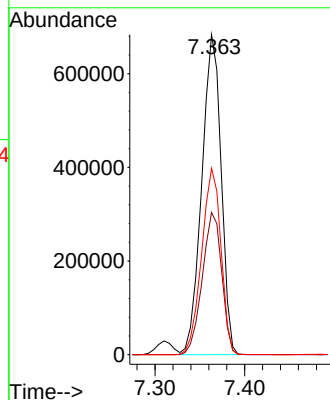
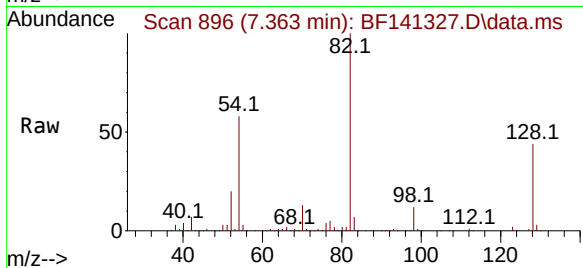
BNA_F

ClientSampleId :

PB166363BSD

Tgt Ion: 82 Resp: 1022248

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.7	53.5
54	58.3	47.1	70.7



#24

Nitrobenzene

Concen: 36.164 ng

RT: 7.381 min Scan# 899

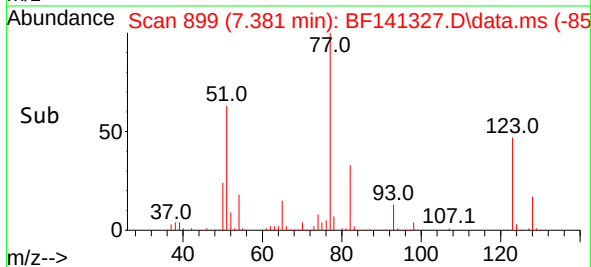
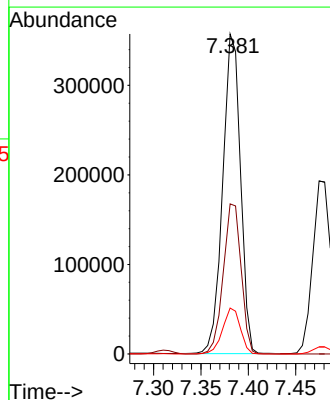
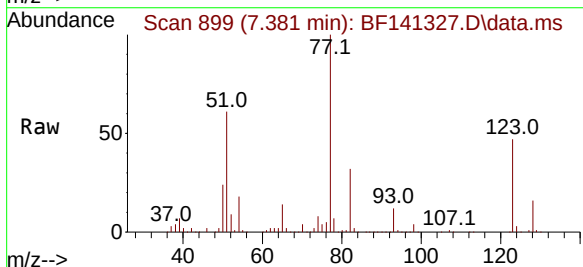
Delta R.T. -0.012 min

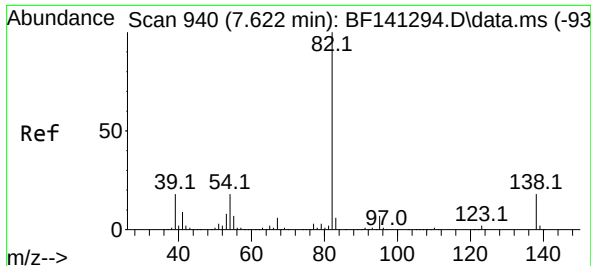
Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Tgt Ion: 77 Resp: 466546

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.3	55.9
65	14.4	11.8	17.6

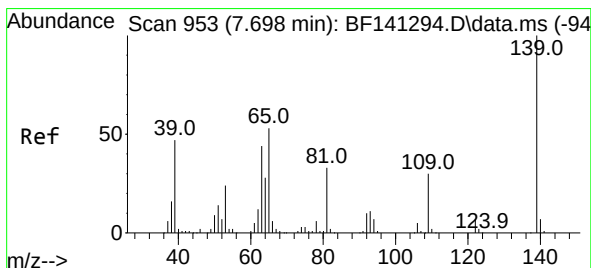
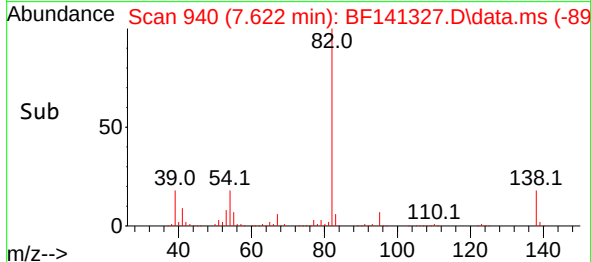
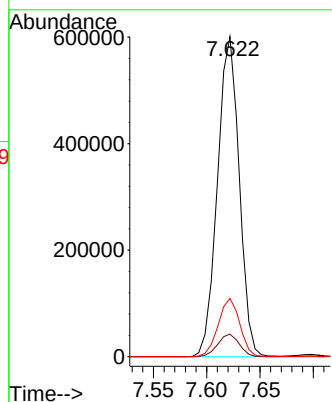
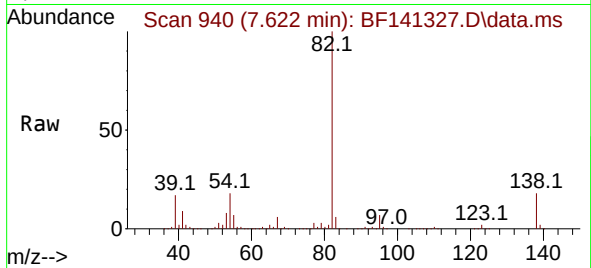




#25
Isophorone
Concen: 39.599 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

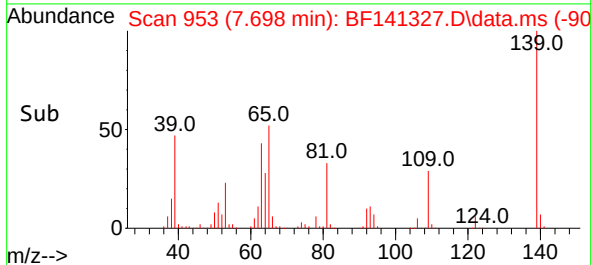
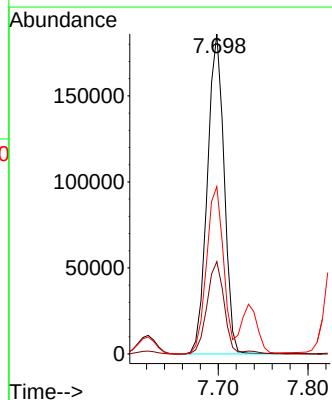
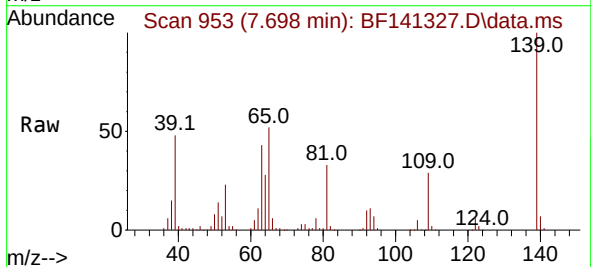
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

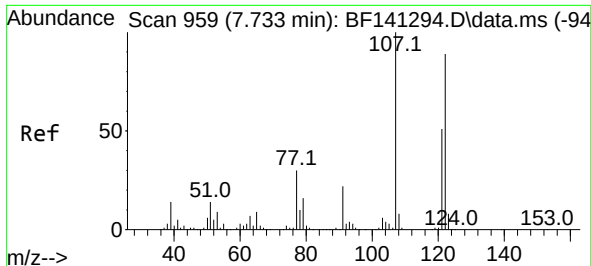
Tgt Ion: 82 Resp: 852148
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 18.2 14.7 22.1



#26
2-Nitrophenol
Concen: 39.606 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:139 Resp: 240977
Ion Ratio Lower Upper
139 100
109 28.9 23.8 35.6
65 52.3 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 49.446 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141327.D

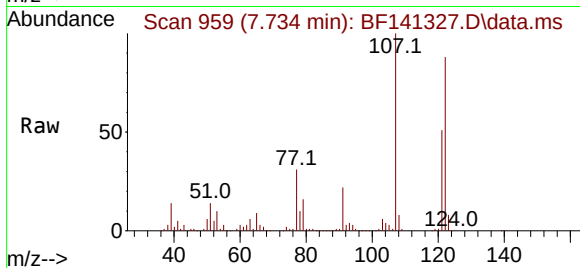
Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD



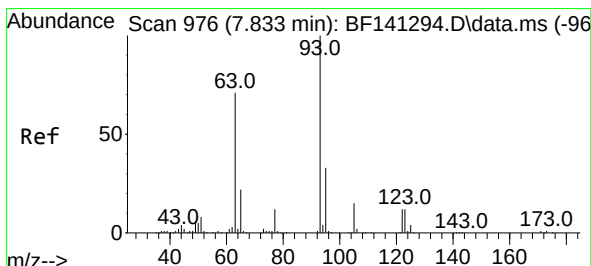
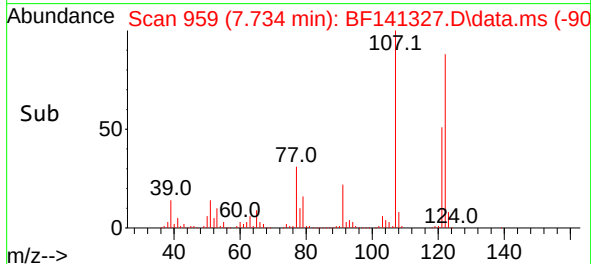
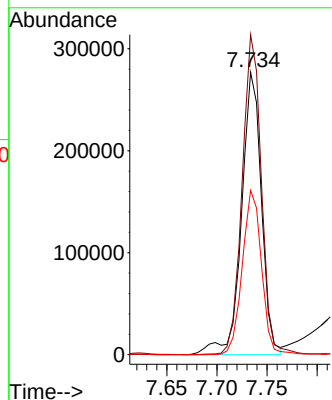
Tgt Ion:122 Resp: 382924

Ion Ratio Lower Upper

122 100

107 113.3 89.9 134.9

121 58.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.285 ng

RT: 7.834 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

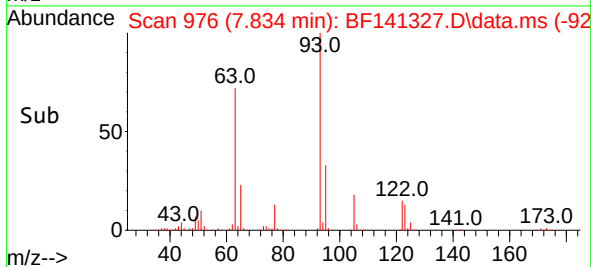
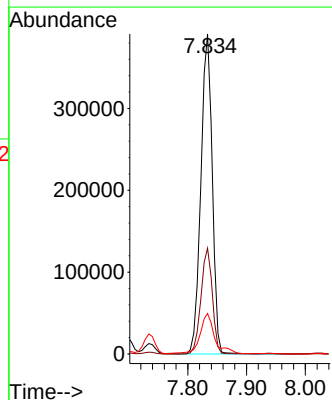
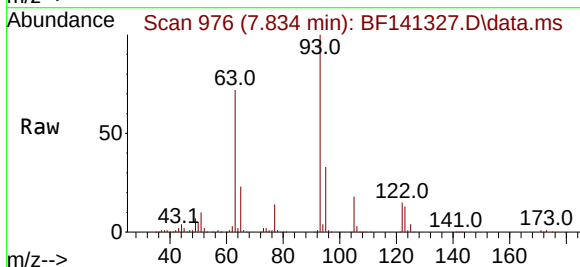
Tgt Ion: 93 Resp: 525514

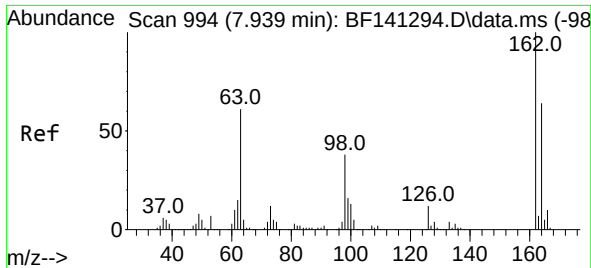
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.606 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

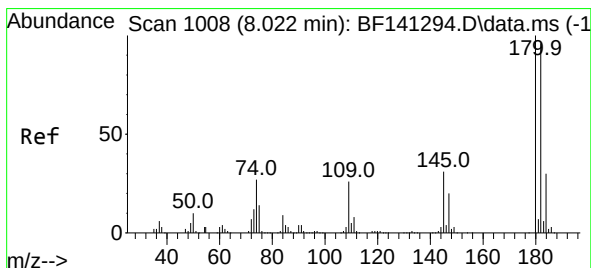
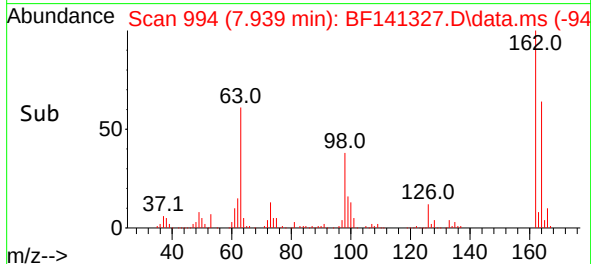
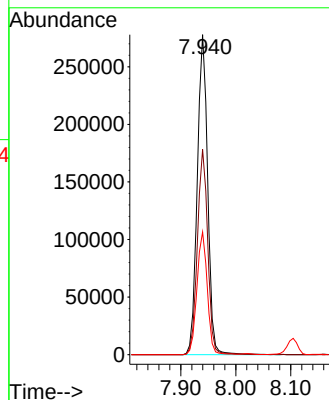
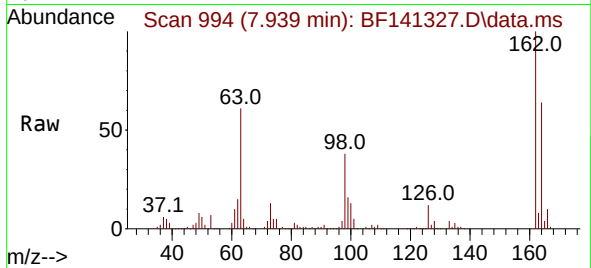
Tgt Ion:162 Resp: 366016

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

98 38.4 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 35.320 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

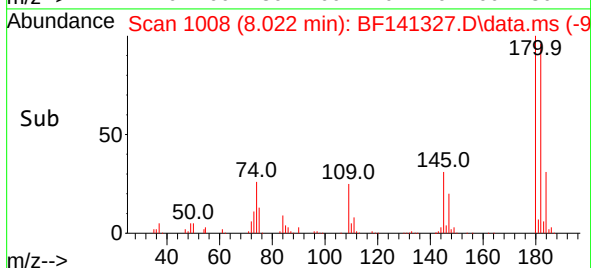
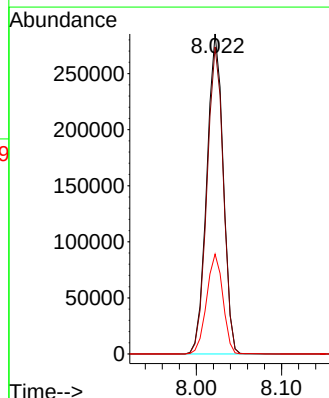
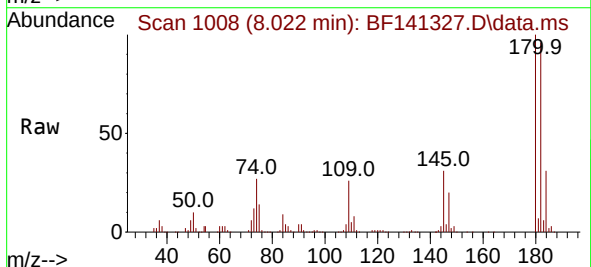
Tgt Ion:180 Resp: 382419

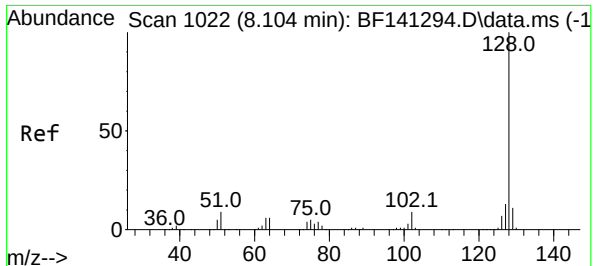
Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

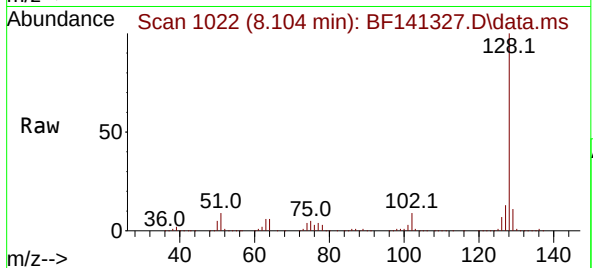
145 31.2 24.9 37.3



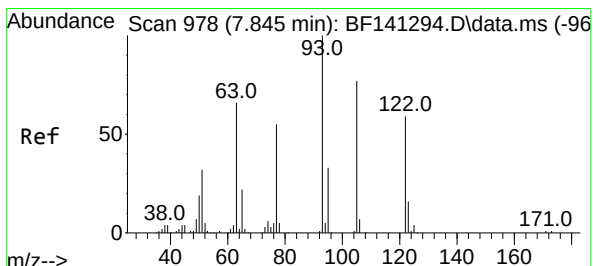
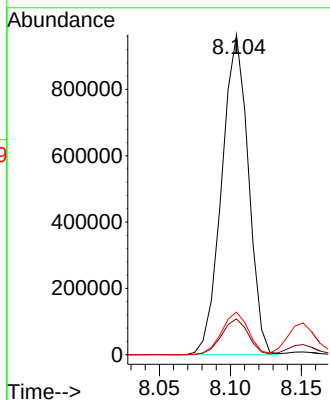
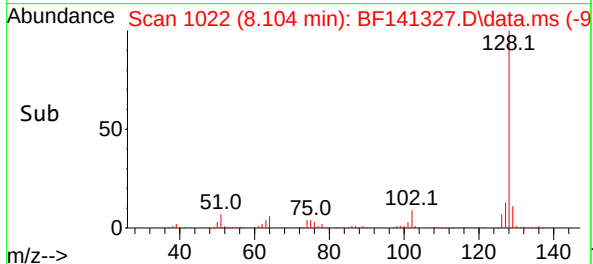


#31
Naphthalene
Concen: 36.317 ng
RT: 8.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

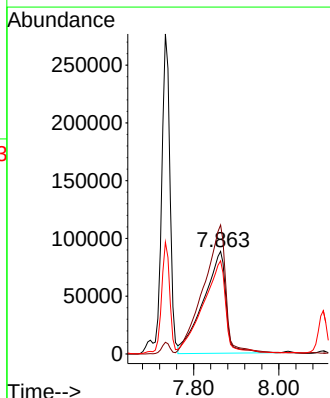
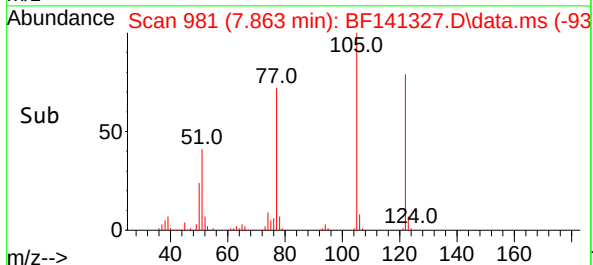
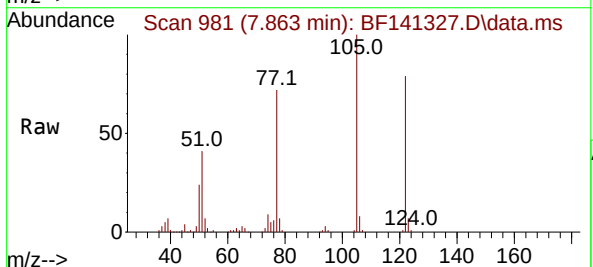


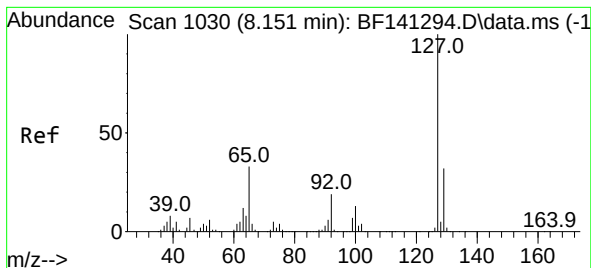
Tgt Ion:128 Resp: 1259081
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 45.786 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.018 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:122 Resp: 325960
Ion Ratio Lower Upper
122 100
105 125.9 103.4 143.4
77 90.9 70.9 110.9





#33

4-Chloroaniline

Concen: 12.530 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

Tgt Ion:127 Resp: 147310

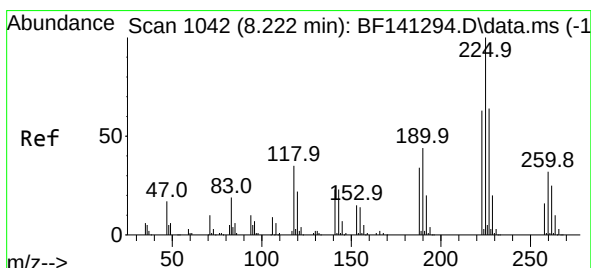
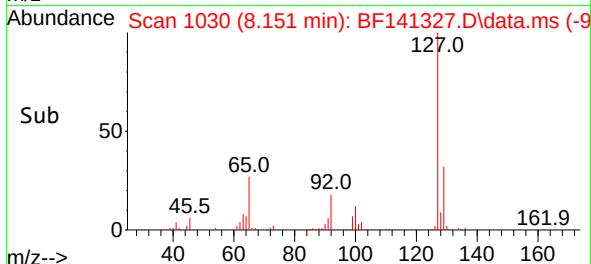
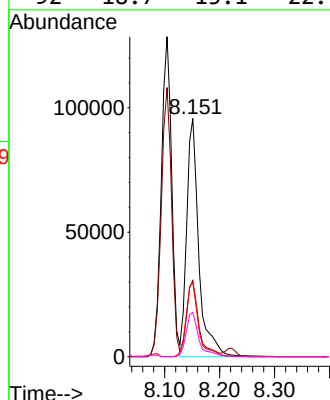
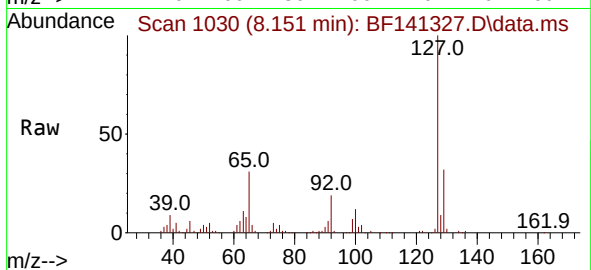
Ion Ratio Lower Upper

127 100

129 32.0 25.7 38.5

65 31.0 26.4 39.6

92 18.7 15.1 22.7



#34

Hexachlorobutadiene

Concen: 35.540 ng

RT: 8.222 min Scan# 1042

Delta R.T. -0.000 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

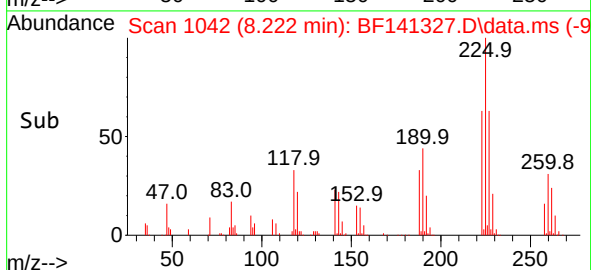
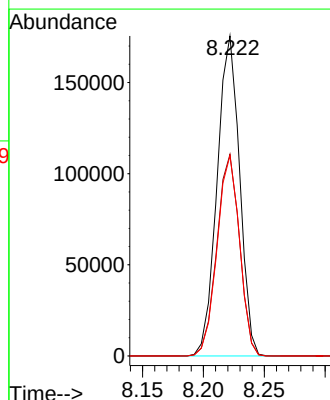
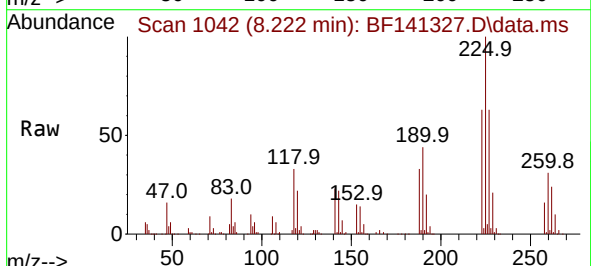
Tgt Ion:225 Resp: 225660

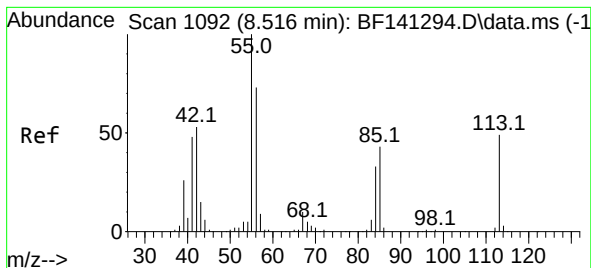
Ion Ratio Lower Upper

225 100

223 63.0 50.4 75.6

227 62.6 51.3 76.9





#35

Caprolactam

Concen: 28.837 ng

RT: 8.522 min Scan# 1093

Delta R.T. -0.024 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

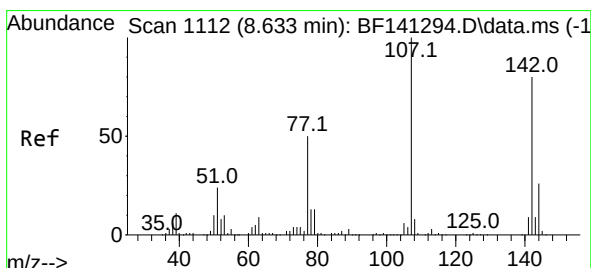
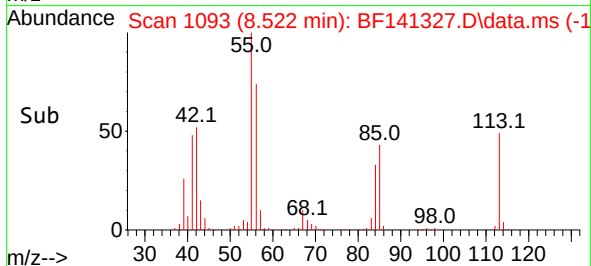
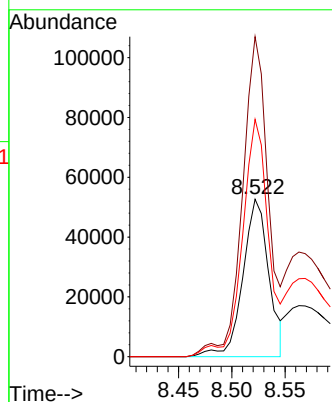
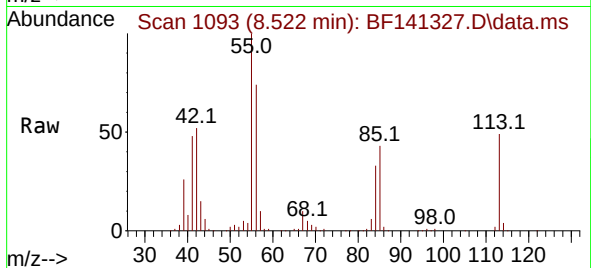
Tgt Ion:113 Resp: 89287

Ion Ratio Lower Upper

113 100

55 203.1 182.9 222.9

56 150.7 127.9 167.9



#36

4-Chloro-3-methylphenol

Concen: 40.122 ng

RT: 8.634 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

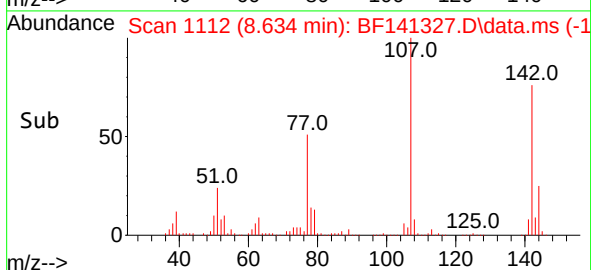
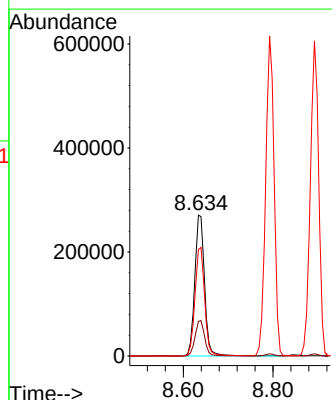
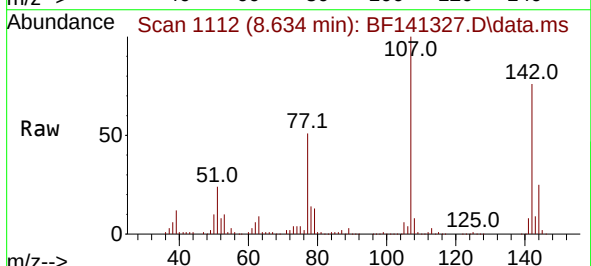
Tgt Ion:107 Resp: 408024

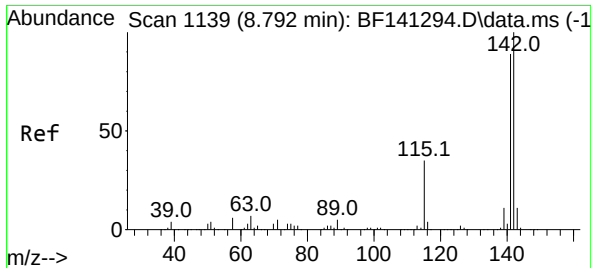
Ion Ratio Lower Upper

107 100

144 24.5 20.7 31.1

142 75.6 63.8 95.8

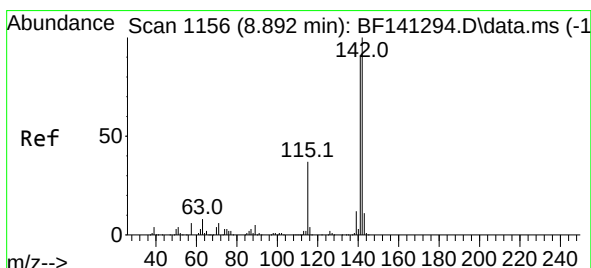
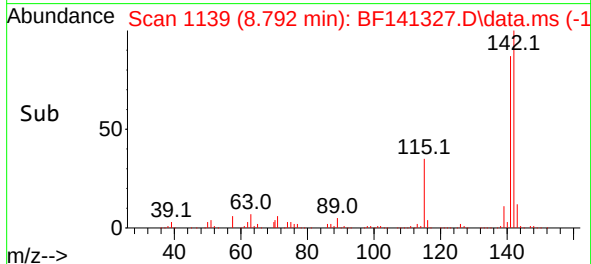
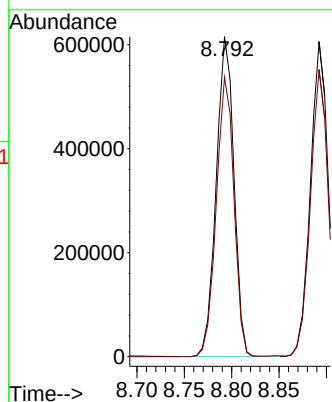
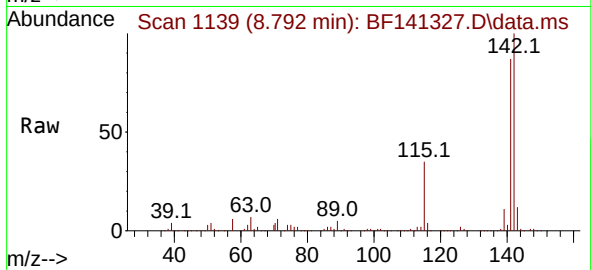




#37
2-Methylnaphthalene
Concen: 36.296 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

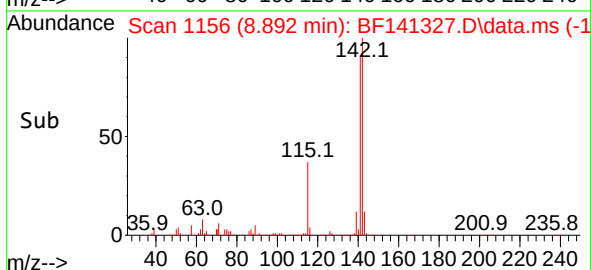
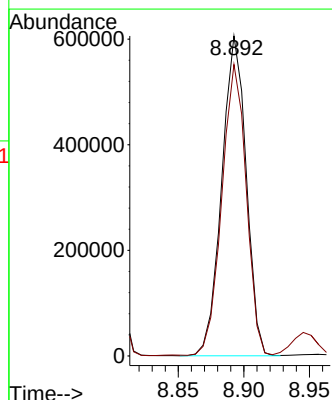
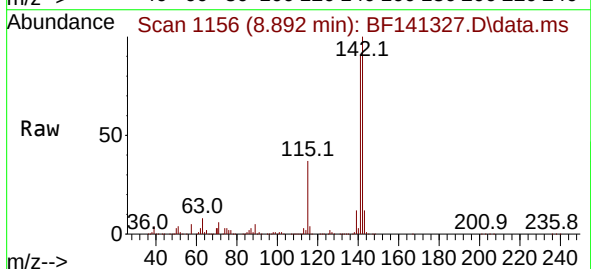
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

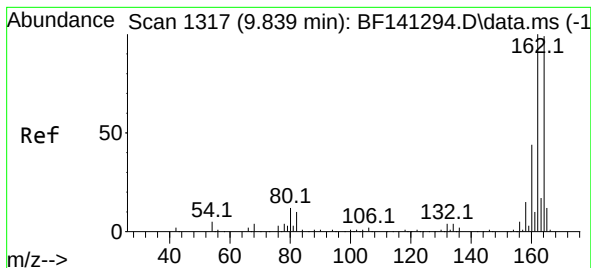
Tgt Ion:142 Resp: 799792
Ion Ratio Lower Upper
142 100
141 87.4 71.3 106.9



#38
1-Methylnaphthalene
Concen: 36.204 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:142 Resp: 783637
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

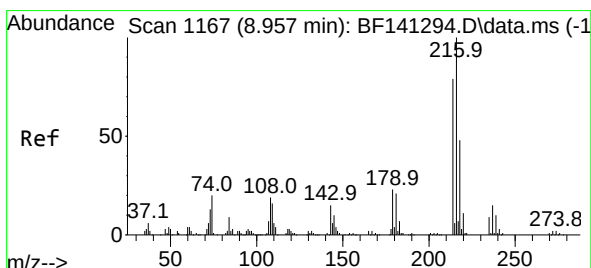
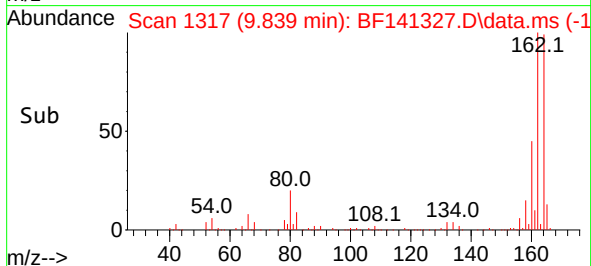
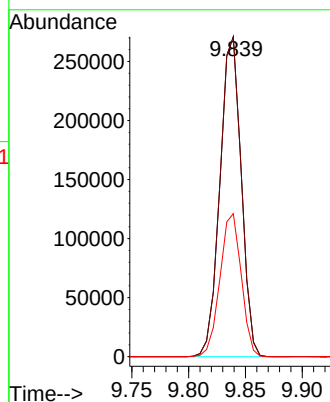
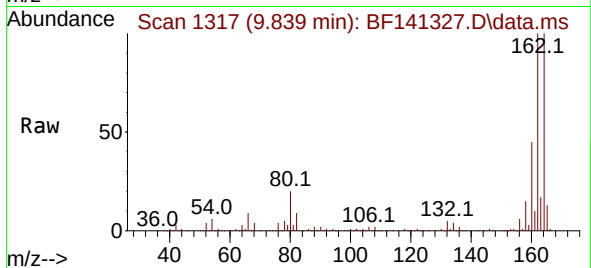
Tgt Ion:164 Resp: 352985

Ion Ratio Lower Upper

164 100

162 99.9 80.6 121.0

160 44.7 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.631 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Tgt Ion:216 Resp: 408014

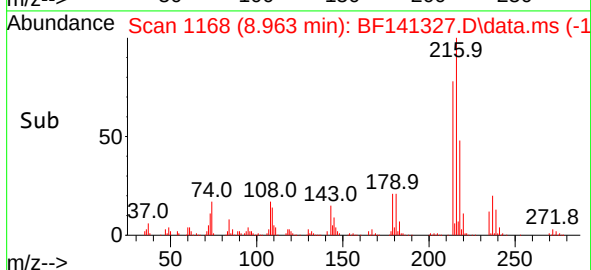
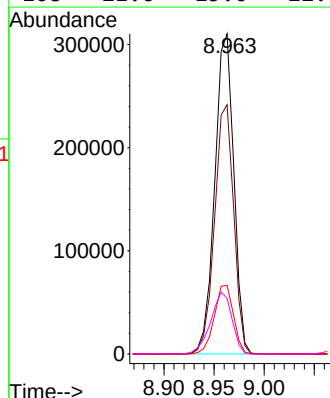
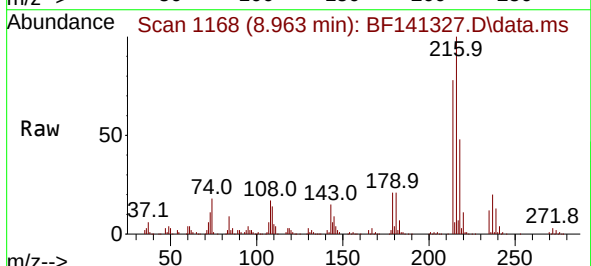
Ion Ratio Lower Upper

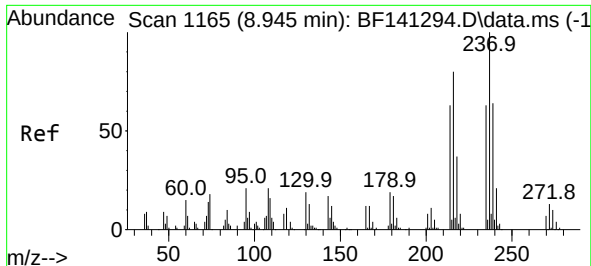
216 100

214 78.4 63.2 94.8

179 21.8 17.8 26.8

108 21.6 15.0 22.6

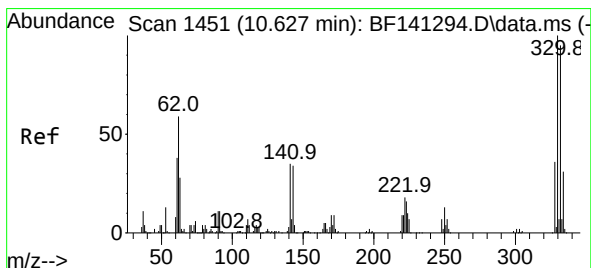
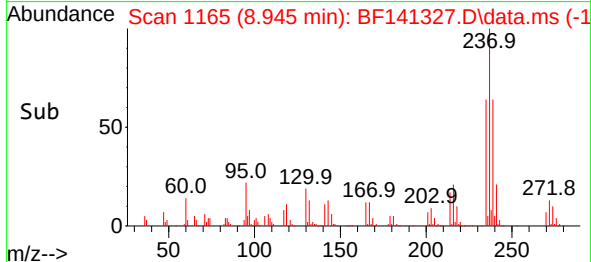
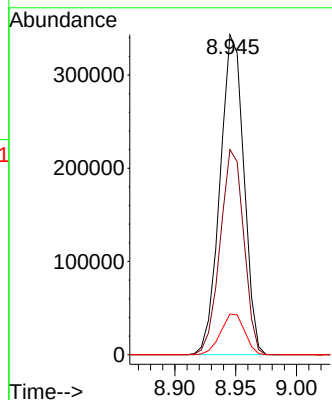
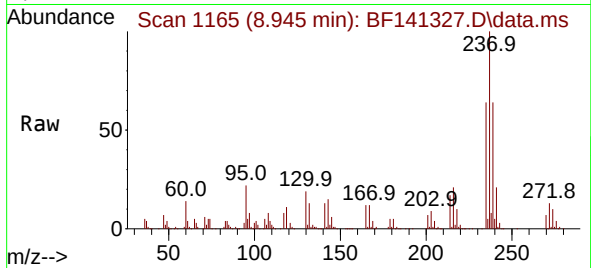




#41
Hexachlorocyclopentadiene
Concen: 157.562 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

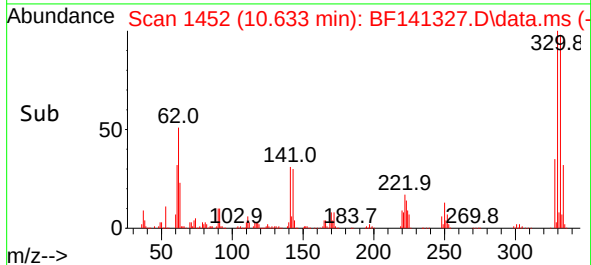
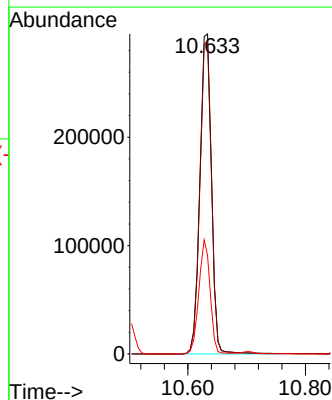
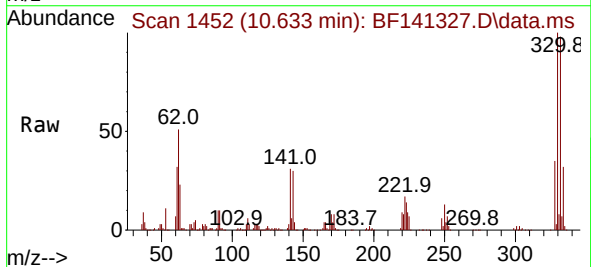
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

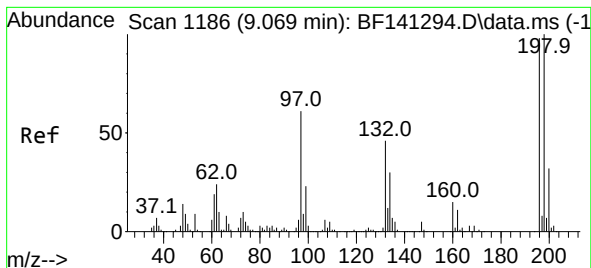
Tgt Ion:237 Resp: 467280
Ion Ratio Lower Upper
237 100
235 64.1 42.9 82.9
272 12.7 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 125.813 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:330 Resp: 407137
Ion Ratio Lower Upper
330 100
332 97.7 76.1 114.1
141 34.5 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 39.568 ng

RT: 9.075 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

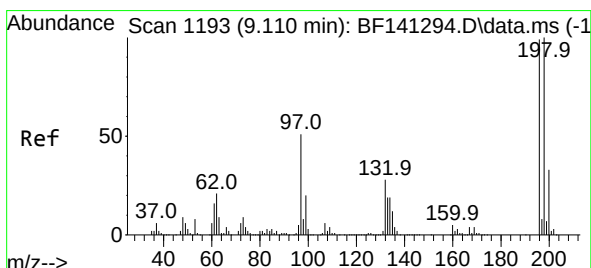
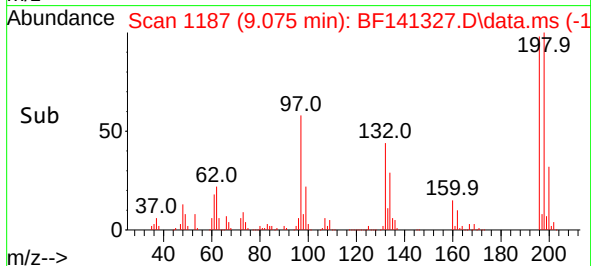
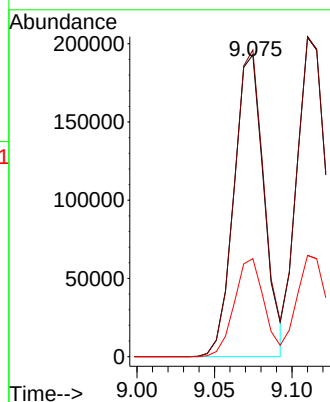
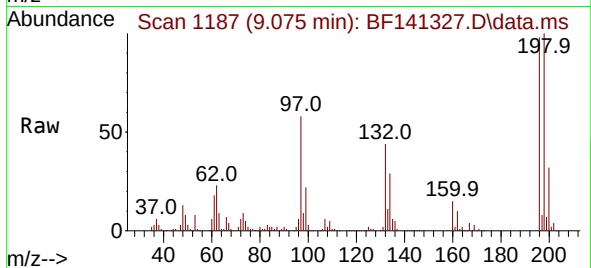
Tgt Ion:196 Resp: 260073

Ion Ratio Lower Upper

196 100

198 101.6 81.8 122.6

200 32.5 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 38.364 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Tgt Ion:196 Resp: 274449

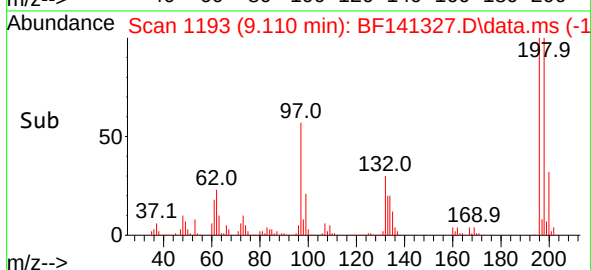
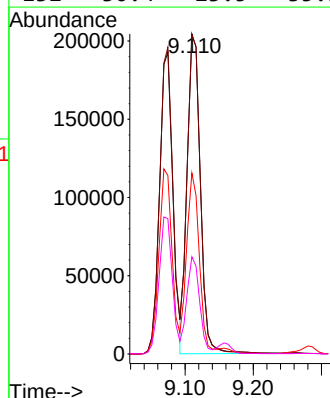
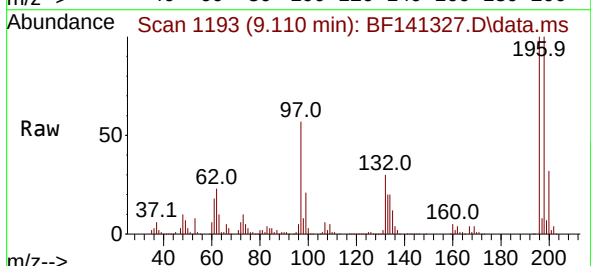
Ion Ratio Lower Upper

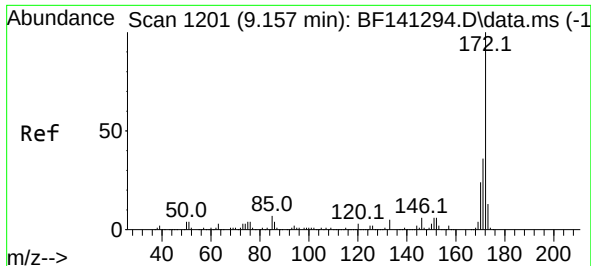
196 100

198 99.7 80.5 120.7

97 56.6 42.8 64.2

132 30.4 23.5 35.3

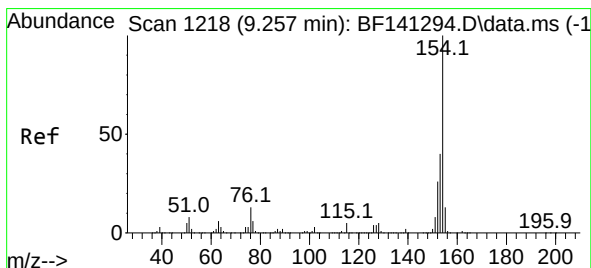
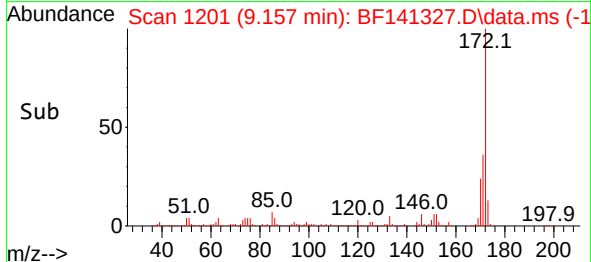
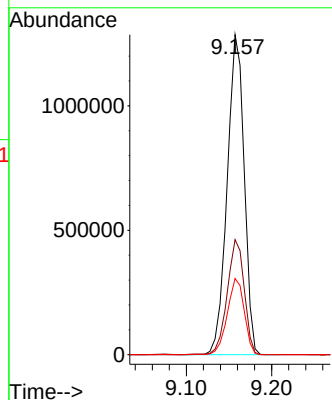
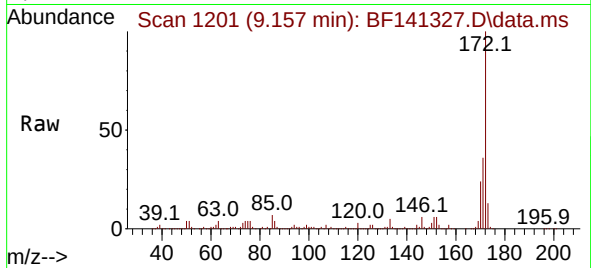




#45
2-Fluorobiphenyl
Concen: 77.813 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

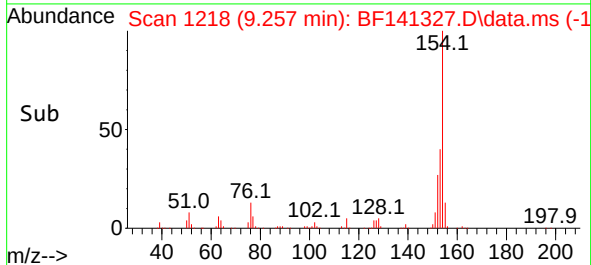
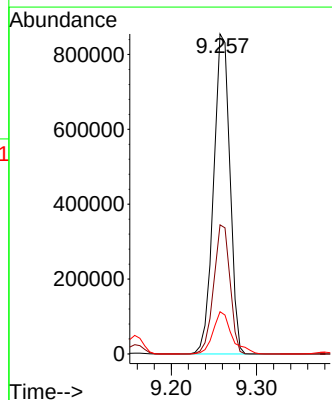
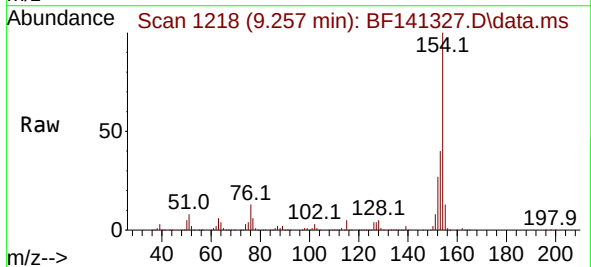
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

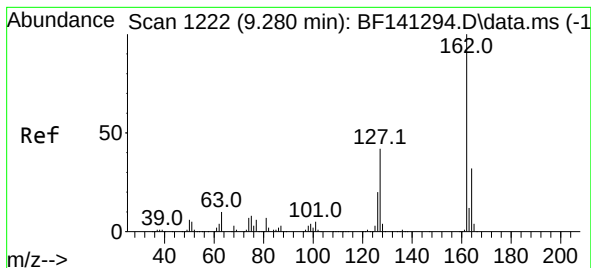
Tgt Ion:172 Resp: 1784508
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 41.346 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:154 Resp: 1138200
Ion Ratio Lower Upper
154 100
153 40.4 20.0 60.0
76 13.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 35.862 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

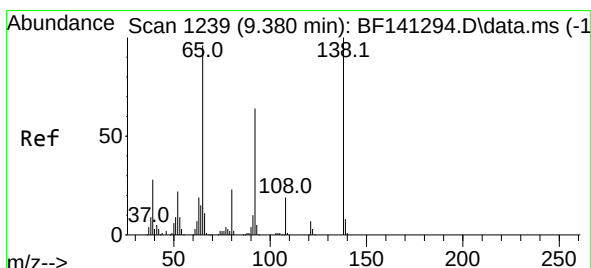
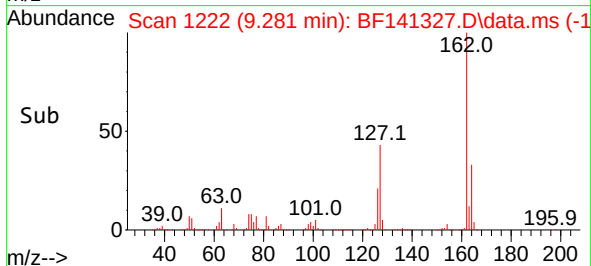
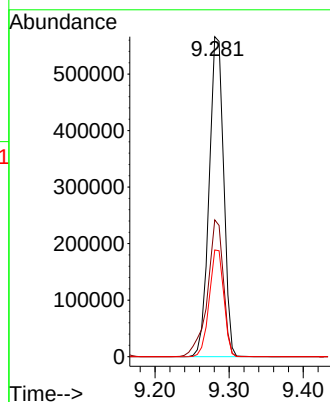
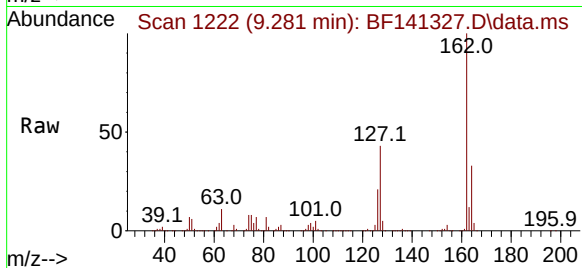
Tgt Ion:162 Resp: 769486

Ion Ratio Lower Upper

162 100

127 42.7 33.7 50.5

164 33.4 25.9 38.9



#48

2-Nitroaniline

Concen: 39.846 ng

RT: 9.381 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

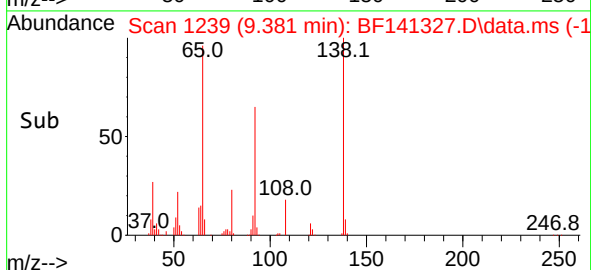
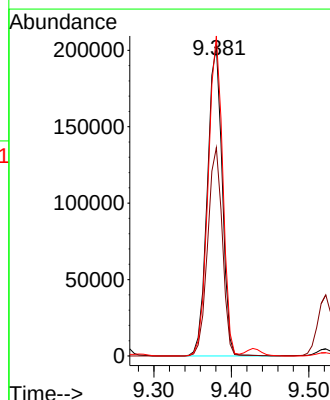
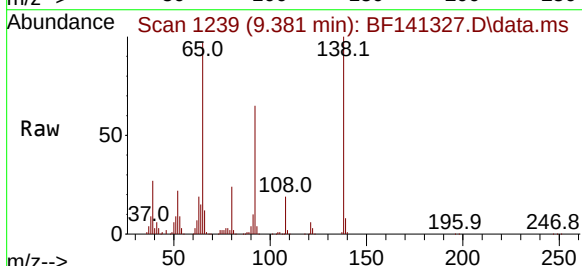
Tgt Ion: 65 Resp: 268925

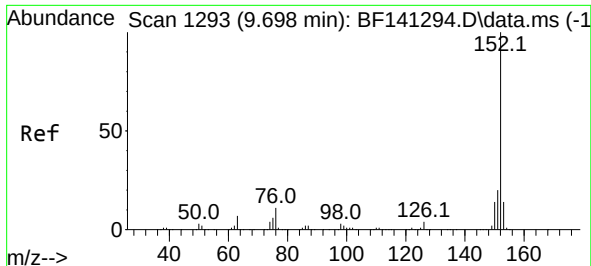
Ion Ratio Lower Upper

65 100

92 67.3 53.3 79.9

138 103.3 83.6 125.4





#49

Acenaphthylene

Concen: 40.342 ng

RT: 9.698 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

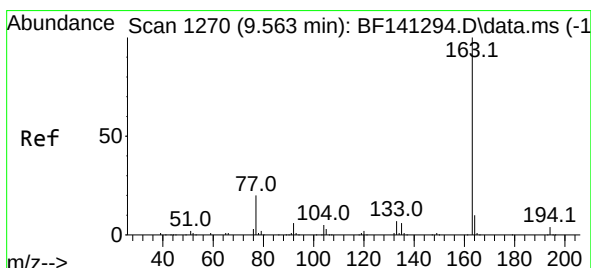
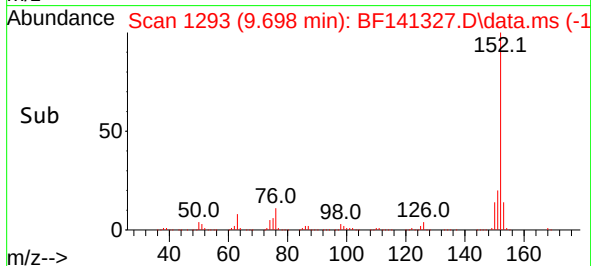
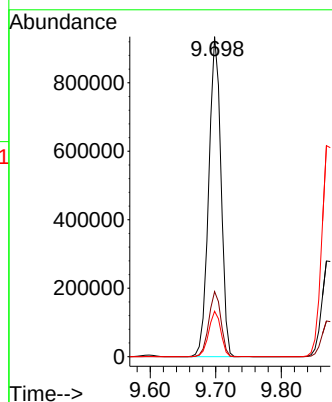
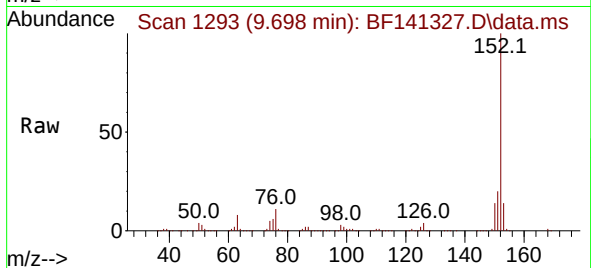
Tgt Ion:152 Resp: 1211717

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 14.2 11.0 16.6



#50

Dimethylphthalate

Concen: 39.221 ng

RT: 9.563 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

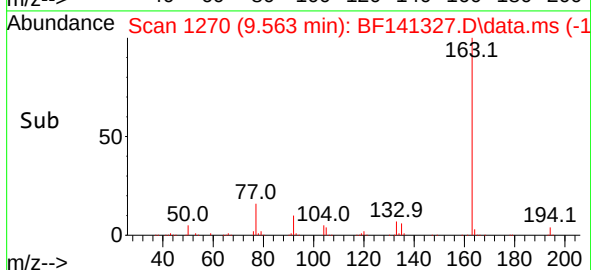
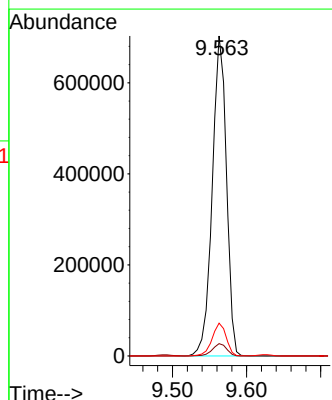
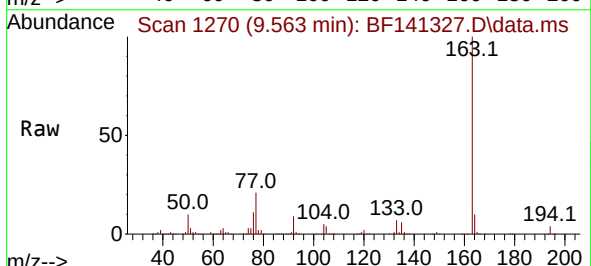
Tgt Ion:163 Resp: 935055

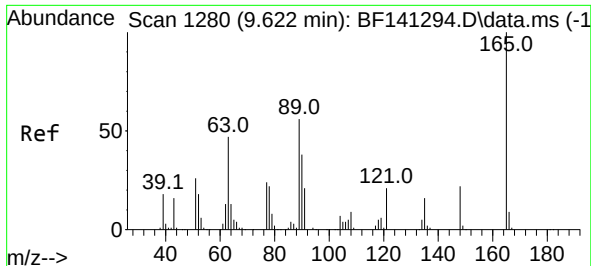
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.2 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 38.230 ng

RT: 9.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

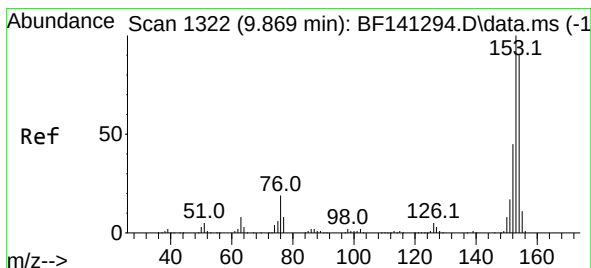
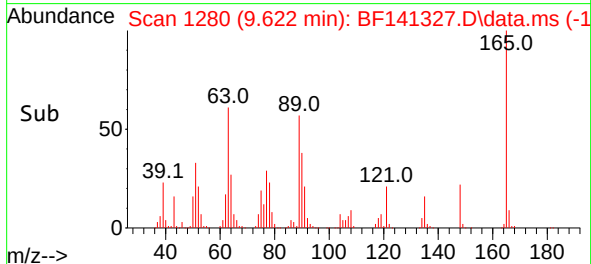
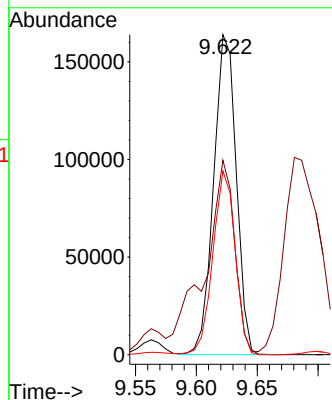
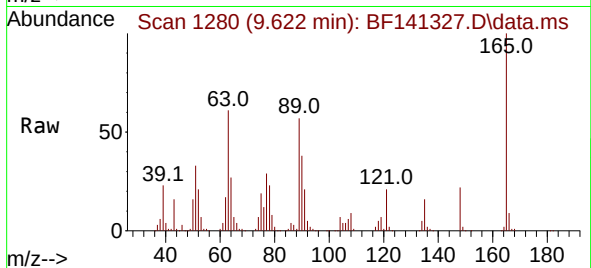
Tgt Ion:165 Resp: 211622

Ion Ratio Lower Upper

165 100

63 60.7 48.1 72.1

89 57.4 44.9 67.3



#52

Acenaphthene

Concen: 42.218 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

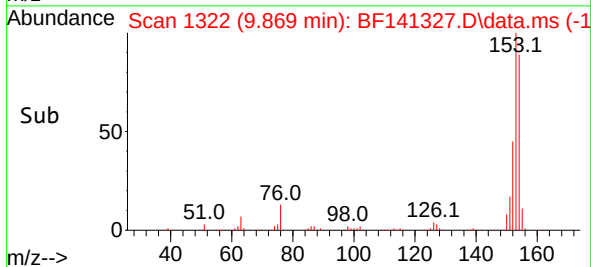
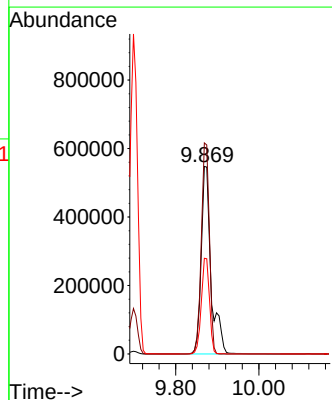
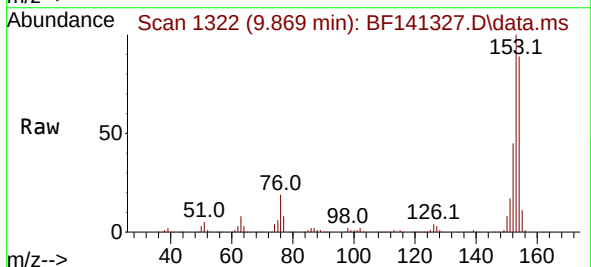
Tgt Ion:154 Resp: 905912

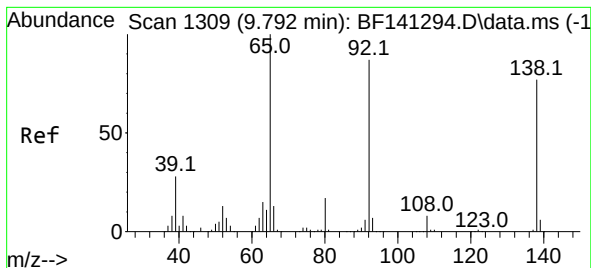
Ion Ratio Lower Upper

154 100

153 112.6 89.0 133.4

152 51.1 40.2 60.4





#53

3-Nitroaniline

Concen: 19.896 ng

RT: 9.792 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

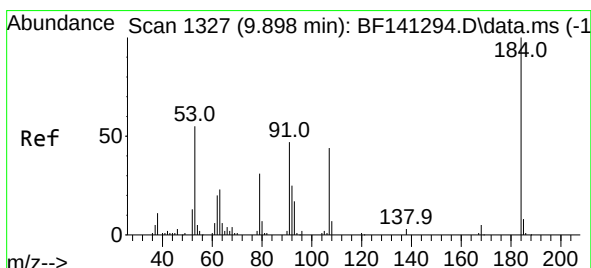
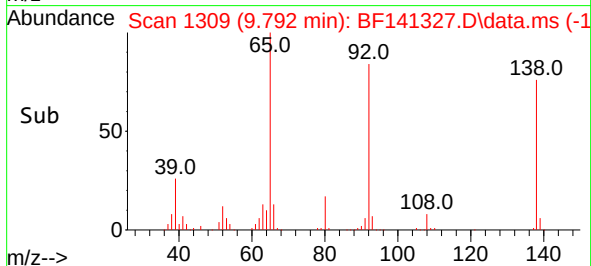
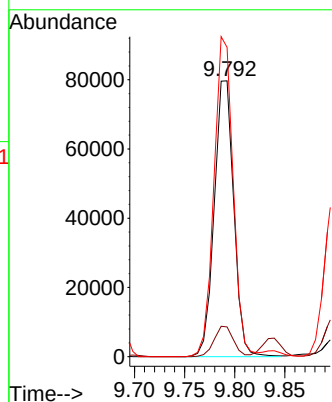
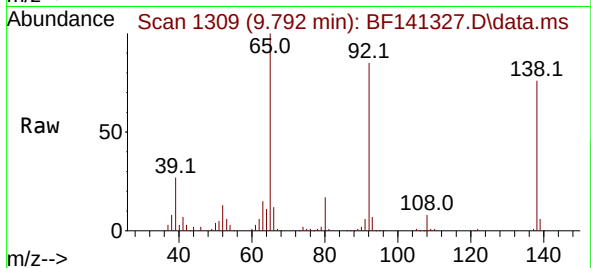
Tgt Ion:138 Resp: 107941

Ion Ratio Lower Upper

138 100

108 10.8 8.6 12.8

92 112.1 91.0 136.6



#54

2,4-Dinitrophenol

Concen: 98.257 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

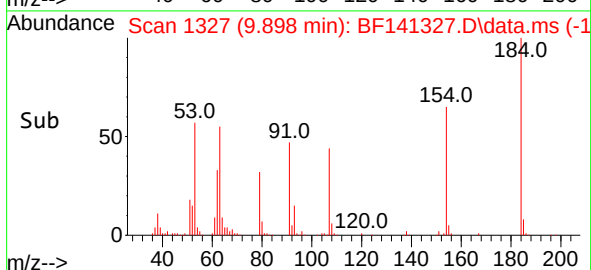
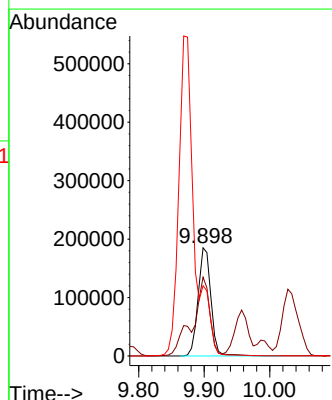
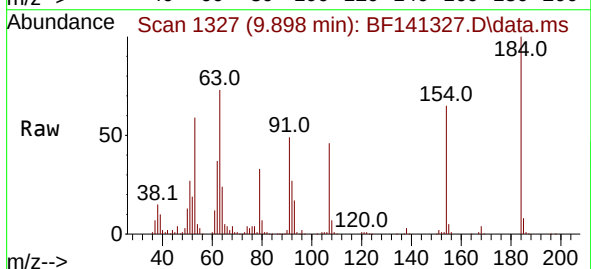
Tgt Ion:184 Resp: 252834

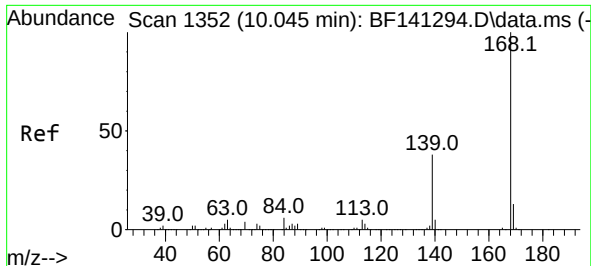
Ion Ratio Lower Upper

184 100

63 72.7 54.1 81.1

154 64.8 50.7 76.1

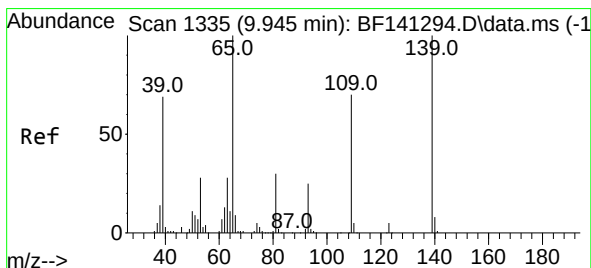
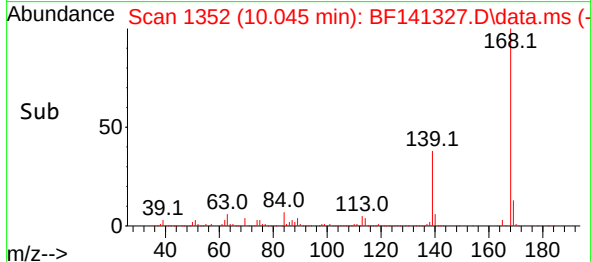
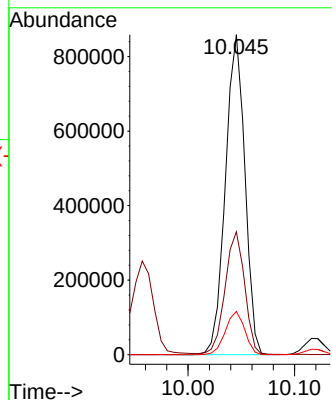
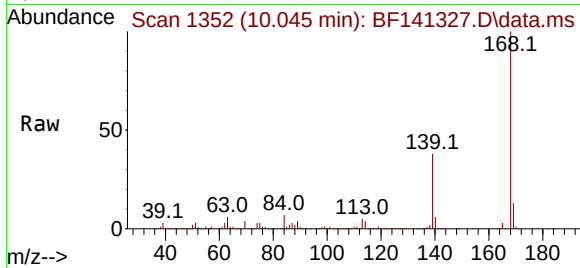




#55
Dibenzenofuran
Concen: 37.933 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

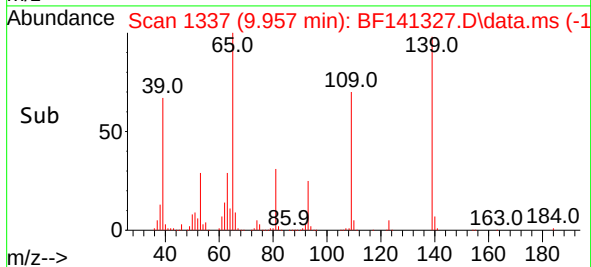
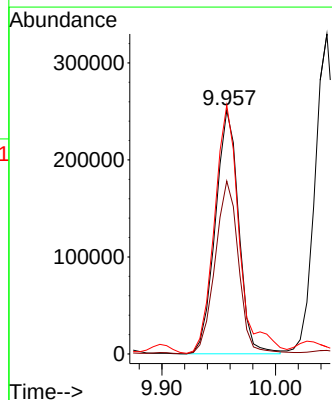
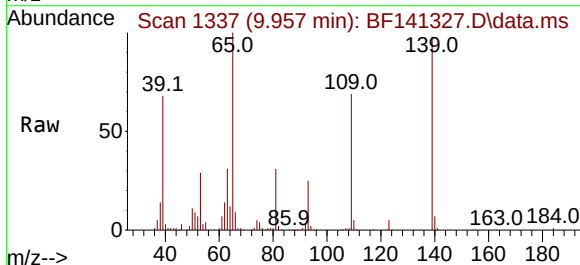
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

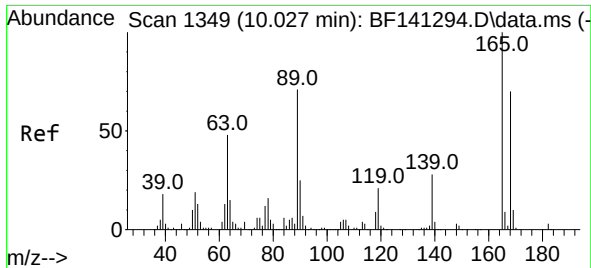
Tgt Ion:168 Resp: 1089517
Ion Ratio Lower Upper
168 100
139 38.4 30.6 46.0
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 90.432 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:139 Resp: 358814
Ion Ratio Lower Upper
139 100
109 70.9 50.2 90.2
65 102.1 80.6 120.6

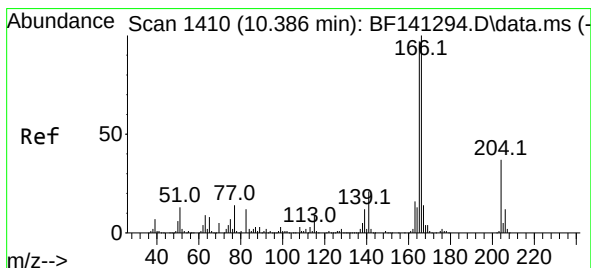
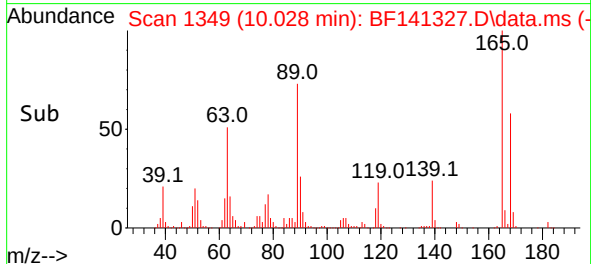
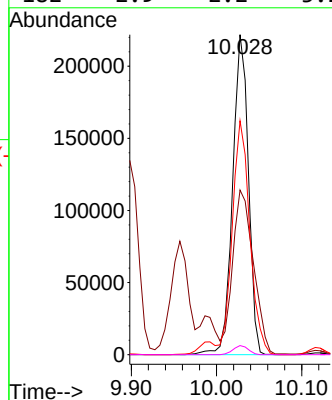
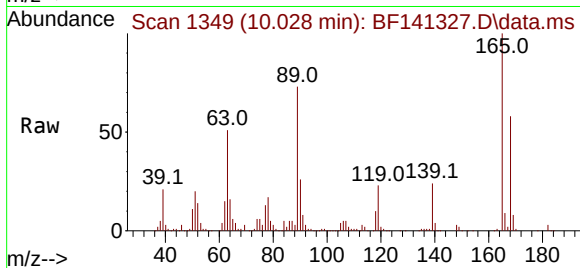




#57
2,4-Dinitrotoluene
Concen: 39.808 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

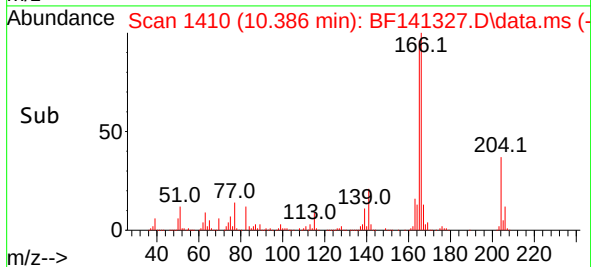
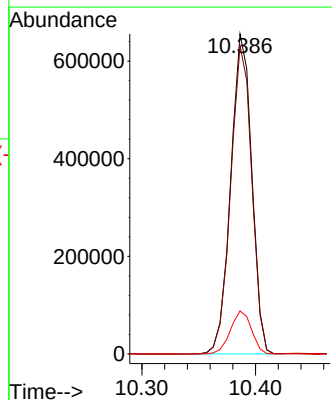
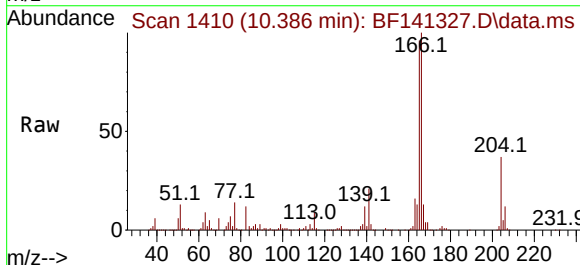
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

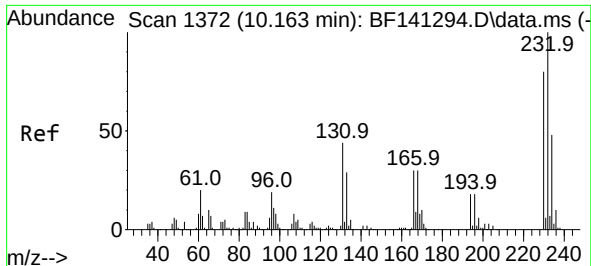
Tgt Ion:165 Resp: 285303
Ion Ratio Lower Upper
165 100
63 51.4 39.2 58.8
89 73.1 56.9 85.3
182 2.9 2.2 3.2



#58
Fluorene
Concen: 37.898 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:166 Resp: 844352
Ion Ratio Lower Upper
166 100
165 96.3 77.5 116.3
167 13.5 10.9 16.3

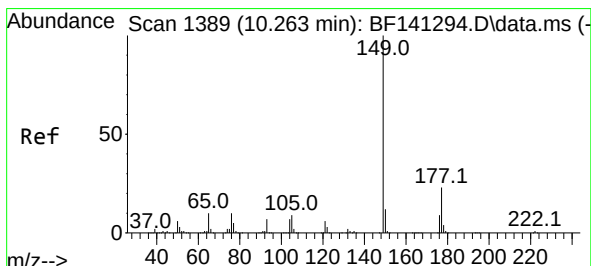
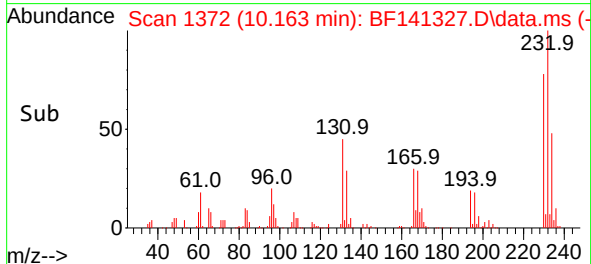
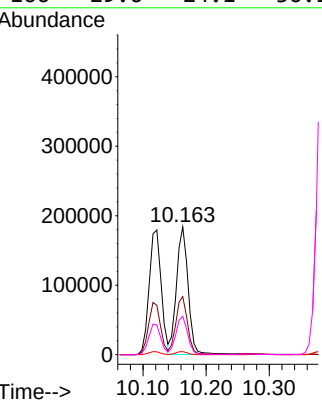
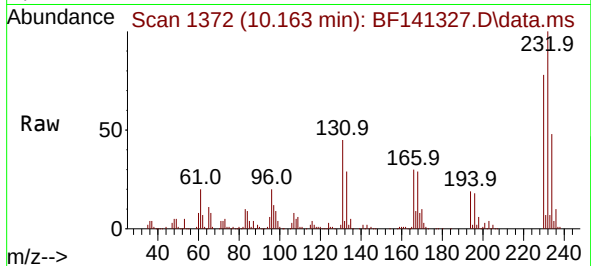




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.298 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

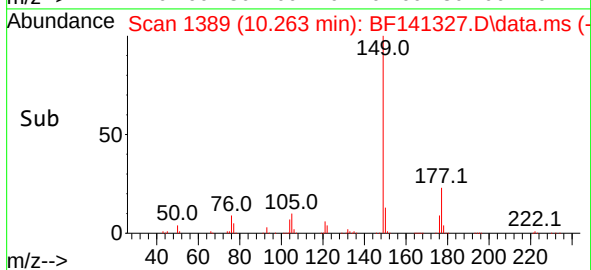
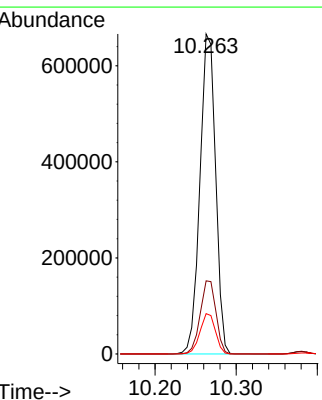
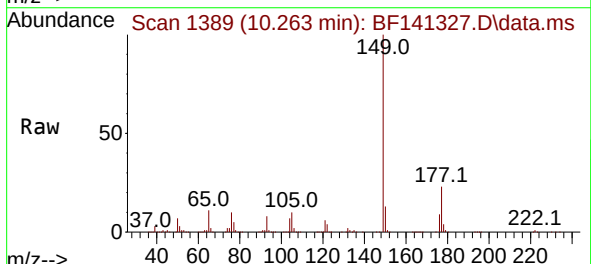
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

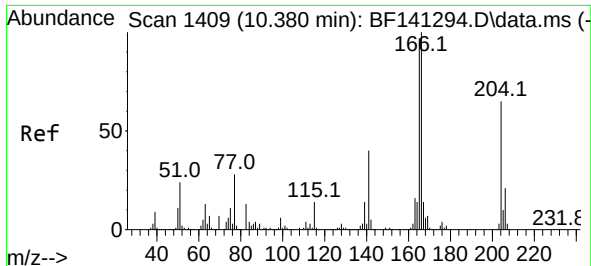
Tgt Ion:232 Resp: 238057
Ion Ratio Lower Upper
232 100
131 45.6 36.4 54.6
130 2.4 1.9 2.9
166 29.6 24.1 36.1



#60
Diethylphthalate
Concen: 38.644 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:149 Resp: 893307
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.6 10.0 15.0

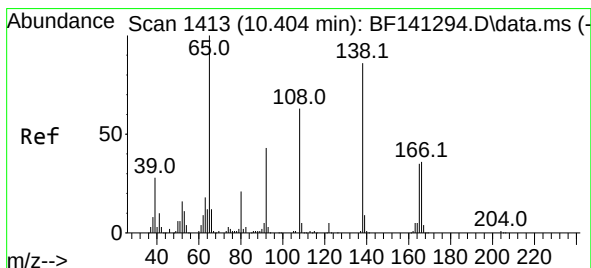
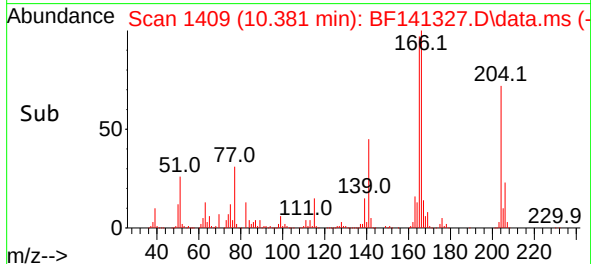
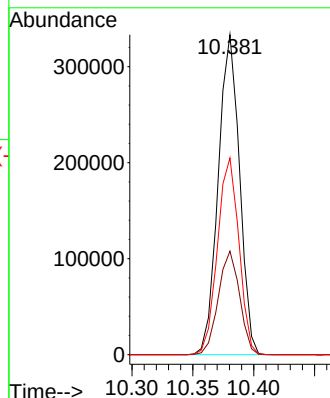
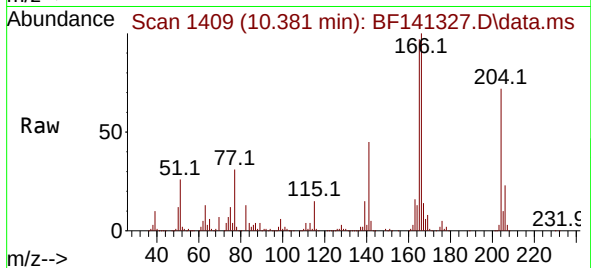




#61
4-Chlorophenyl-phenylether
Concen: 37.274 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

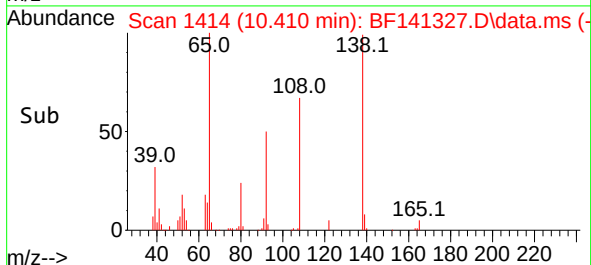
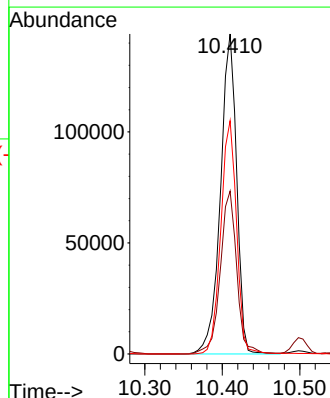
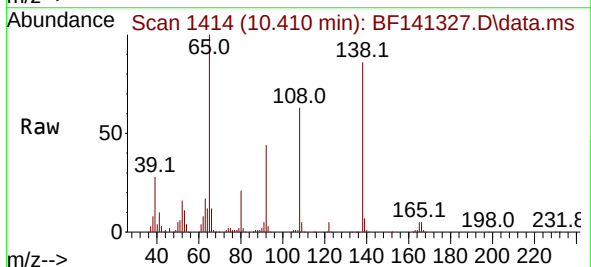
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

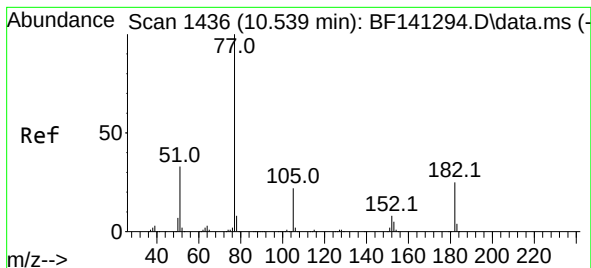
Tgt Ion:204 Resp: 405648
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 61.5 49.5 74.3



#62
4-Nitroaniline
Concen: 39.216 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:138 Resp: 209172
Ion Ratio Lower Upper
138 100
92 50.9 30.1 70.1
108 72.9 53.1 93.1





#63

Azobenzene

Concen: 39.412 ng

RT: 10.539 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

Tgt Ion: 77 Resp: 911933

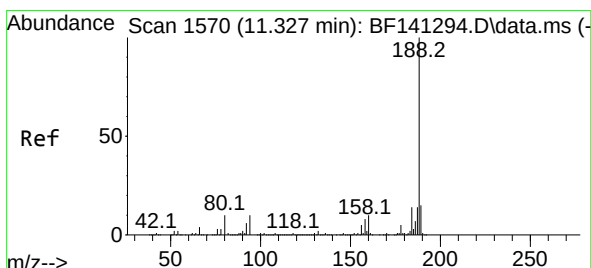
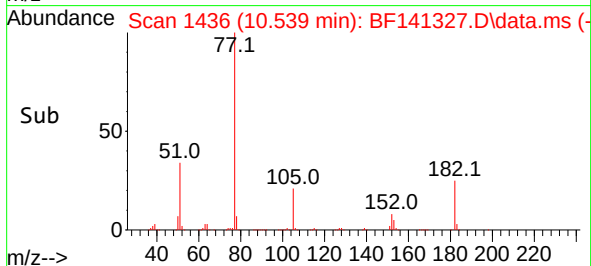
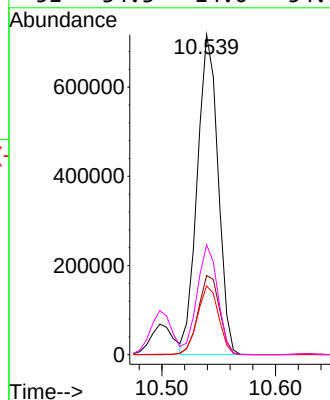
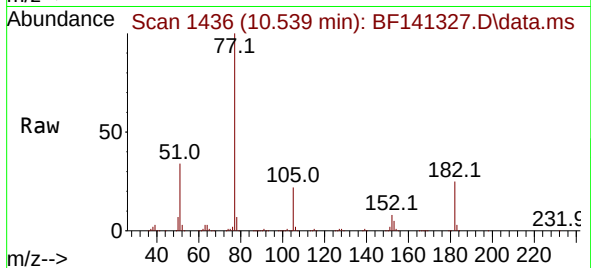
Ion Ratio Lower Upper

77 100

182 24.7 5.1 45.1

105 21.5 1.8 41.8

51 34.3 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

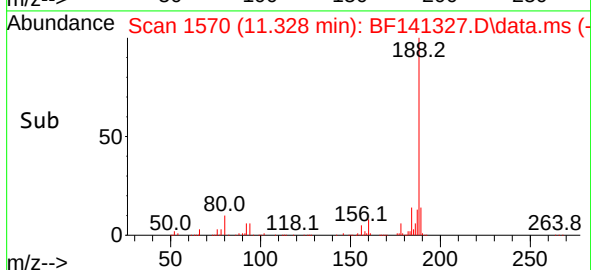
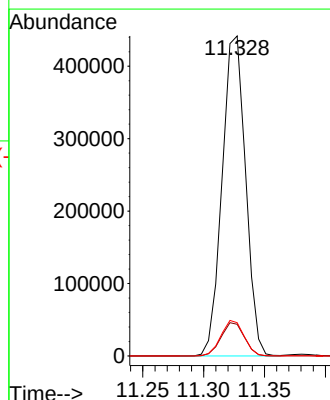
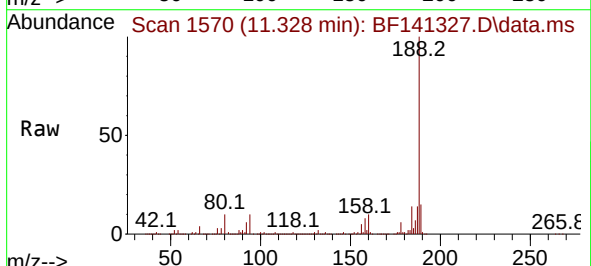
Tgt Ion: 188 Resp: 593804

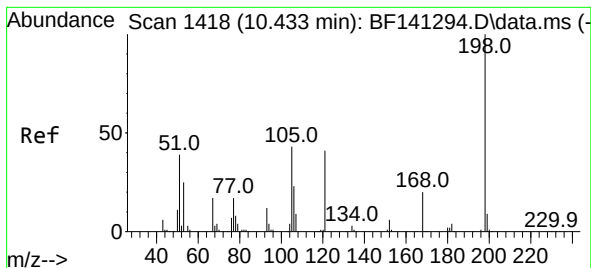
Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

80 10.4 8.2 12.4

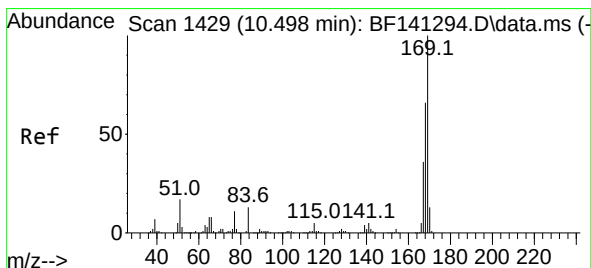
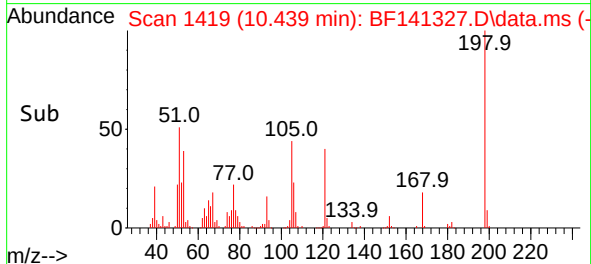
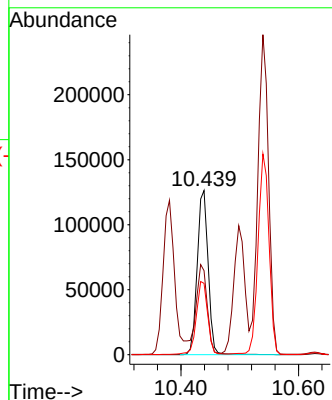
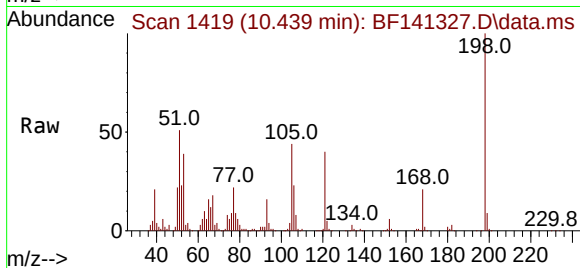




#65
4,6-Dinitro-2-methylphenol
Concen: 46.381 ng
RT: 10.439 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

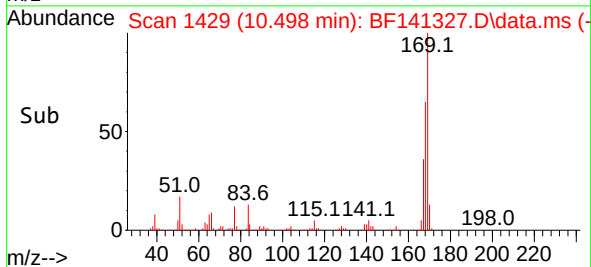
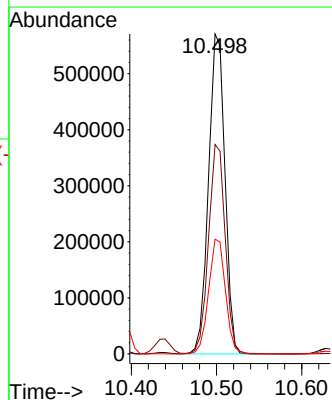
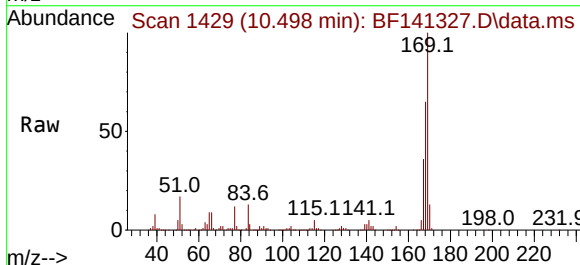
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

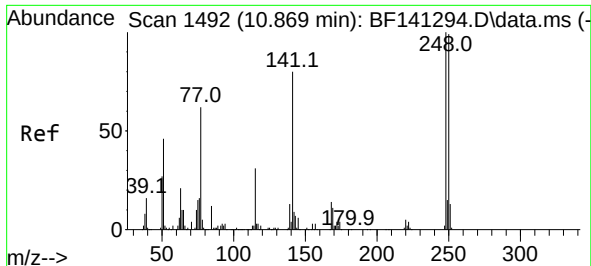
Tgt Ion:198 Resp: 162906
Ion Ratio Lower Upper
198 100
51 51.1 33.4 73.4
105 43.5 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 39.769 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:169 Resp: 763790
Ion Ratio Lower Upper
169 100
168 65.5 53.0 79.4
167 35.9 28.8 43.2

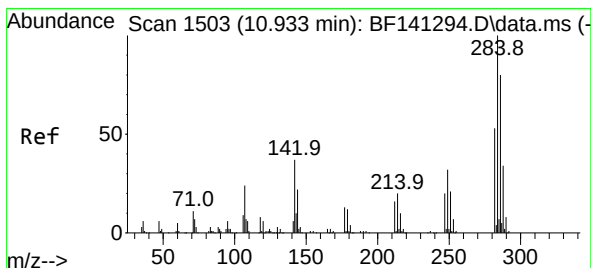
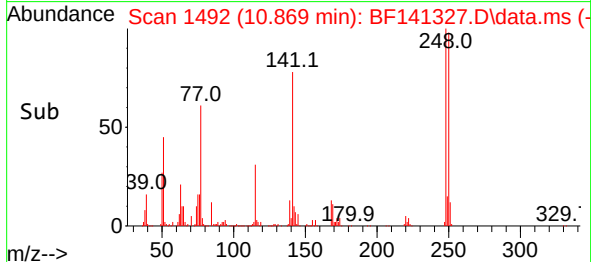
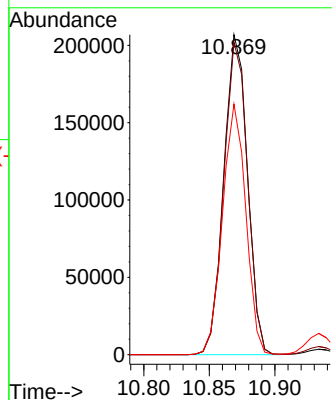
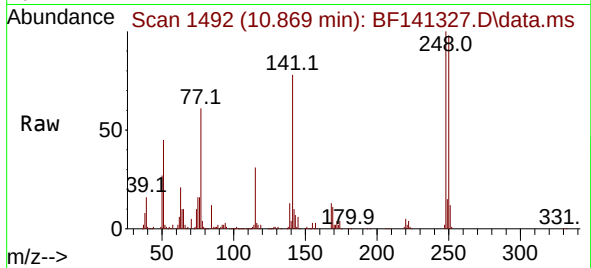




#67
4-Bromophenyl-phenylether
Concen: 39.206 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

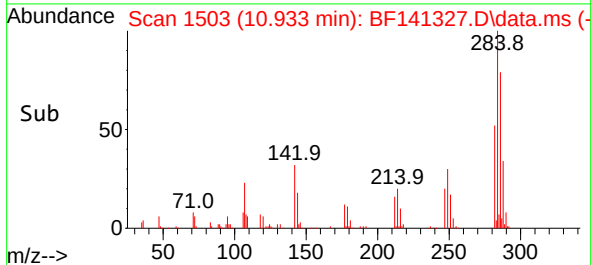
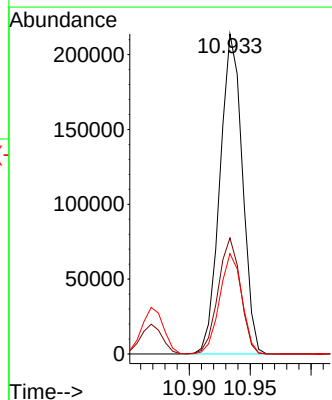
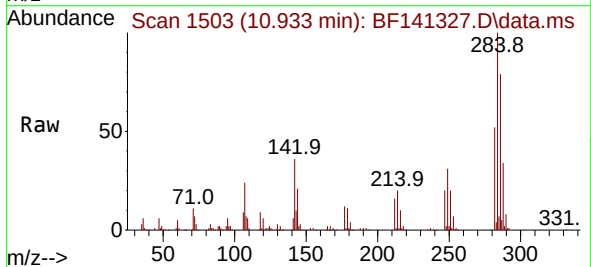
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

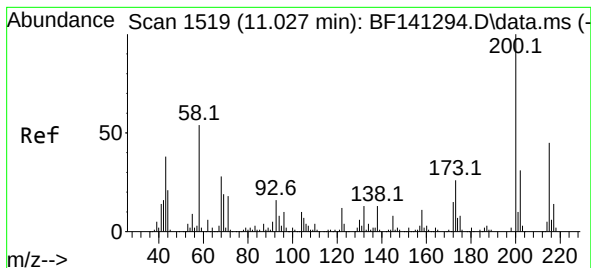
Tgt Ion:248 Resp: 260632
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.4
141 78.3 63.7 95.5



#68
Hexachlorobenzene
Concen: 38.931 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:284 Resp: 274528
Ion Ratio Lower Upper
284 100
142 36.3 29.5 44.3
249 31.3 25.4 38.2





#69

Atrazine

Concen: 45.813 ng

RT: 11.028 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

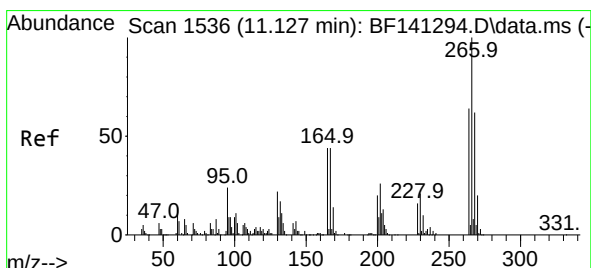
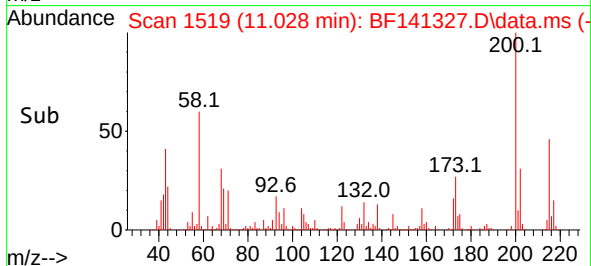
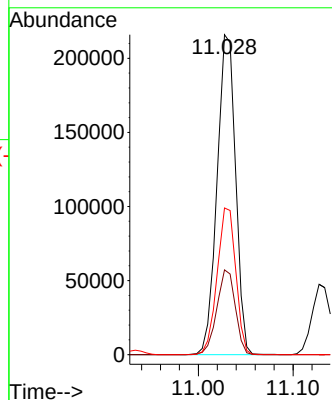
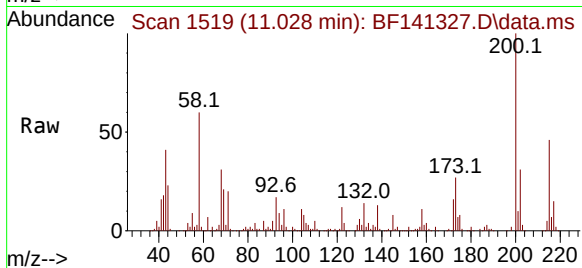
Tgt Ion:200 Resp: 294187

Ion Ratio Lower Upper

200 100

173 26.5 5.9 45.9

215 45.9 25.2 65.2



#70

Pentachlorophenol

Concen: 84.735 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

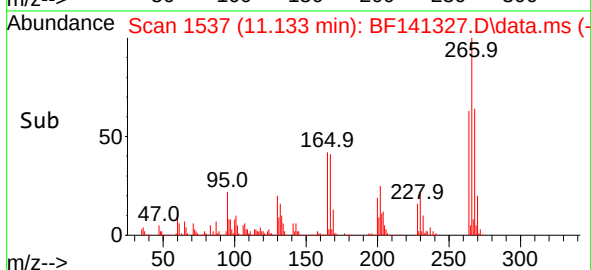
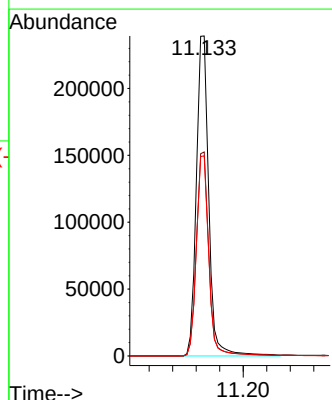
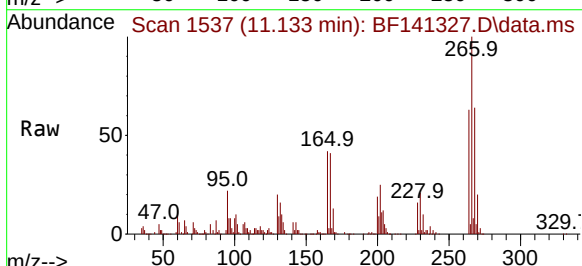
Tgt Ion:266 Resp: 349899

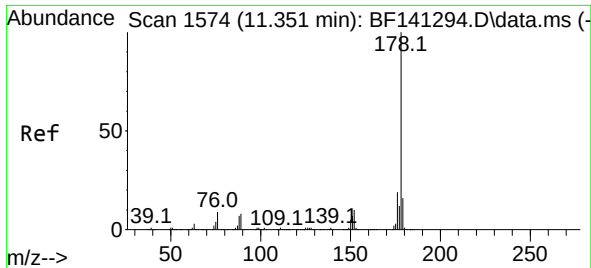
Ion Ratio Lower Upper

266 100

268 63.7 49.9 74.9

264 62.6 51.0 76.4

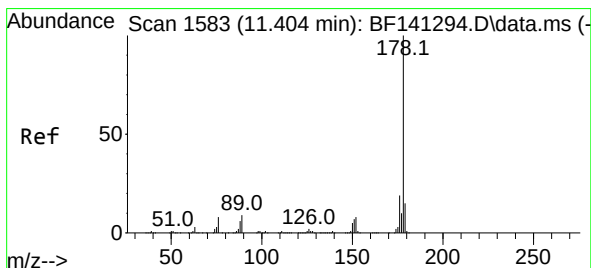
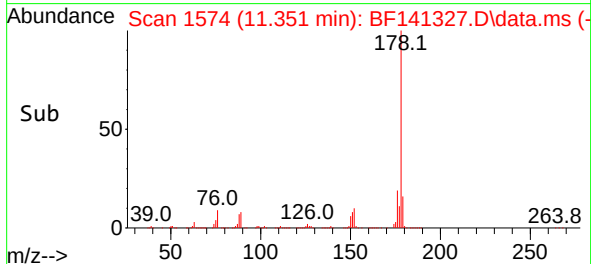
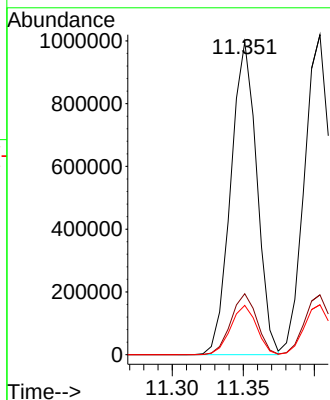
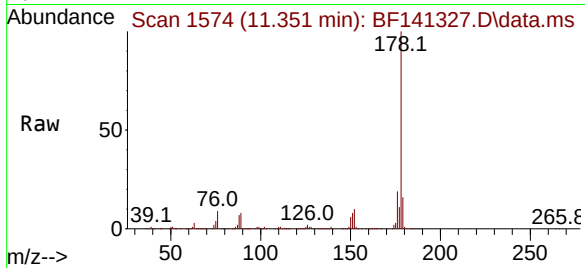




#71
Phenanthrene
Concen: 39.784 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

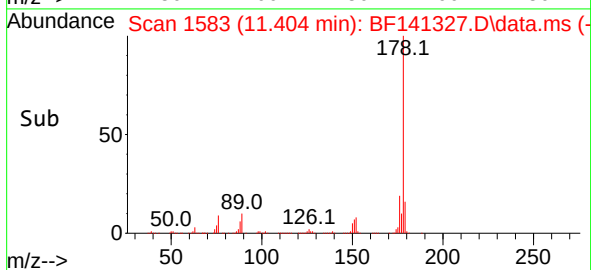
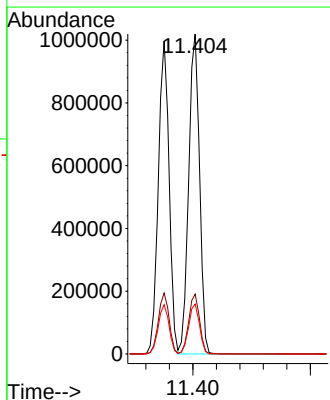
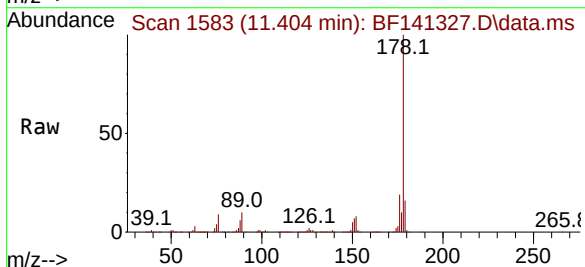
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

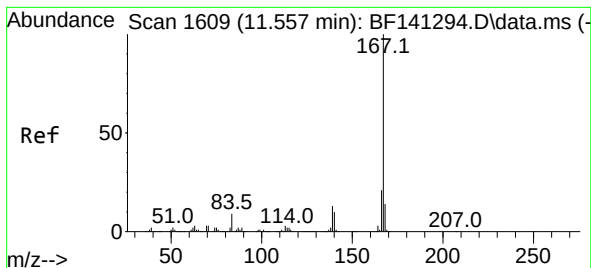
Tgt Ion:178 Resp: 1269881
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.8 12.5 18.7



#72
Anthracene
Concen: 41.630 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:178 Resp: 1302000
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.3 18.5





#73

Carbazole

Concen: 40.994 ng

RT: 11.557 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

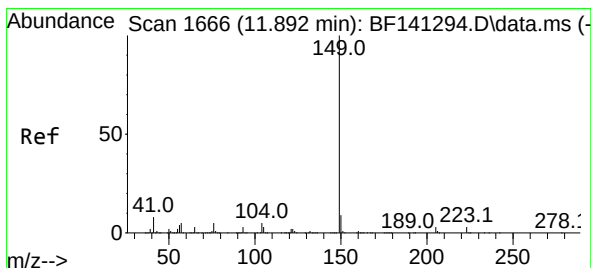
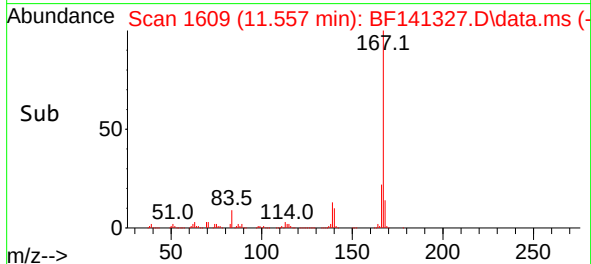
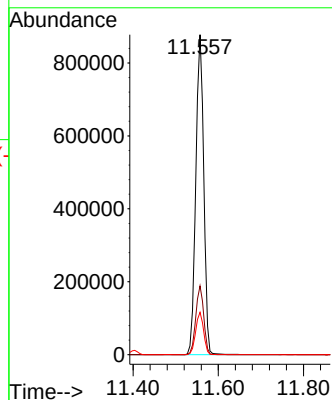
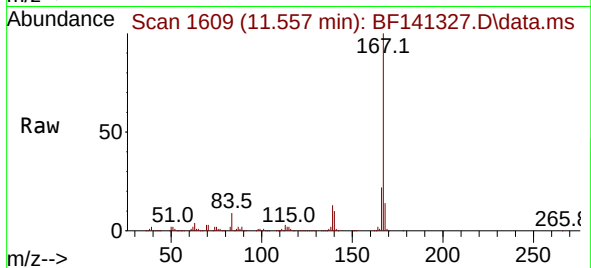
Tgt Ion:167 Resp: 1136855

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 13.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 41.703 ng

RT: 11.892 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

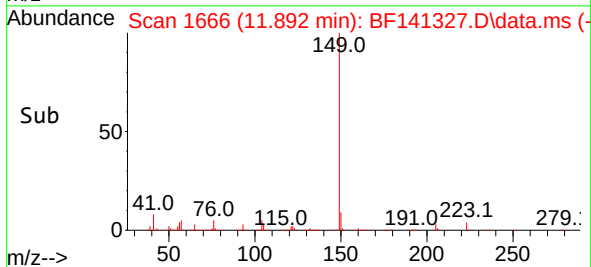
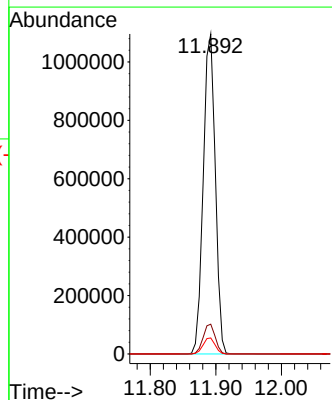
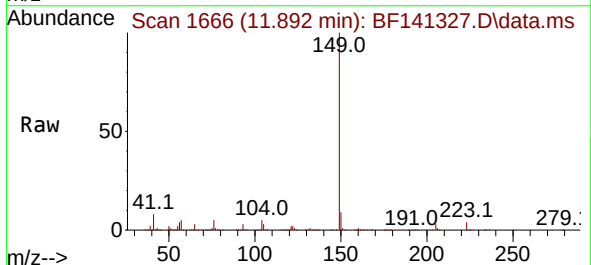
Tgt Ion:149 Resp: 1401598

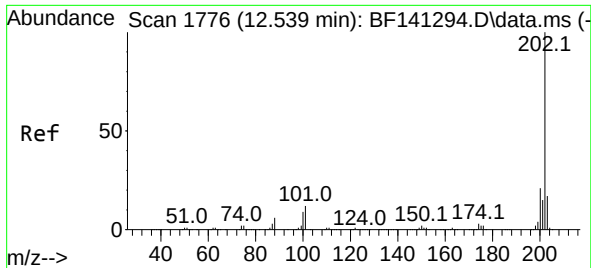
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 3.9 5.9

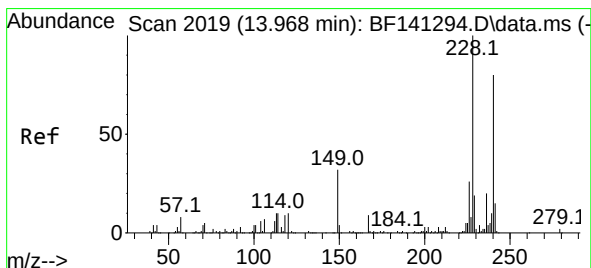
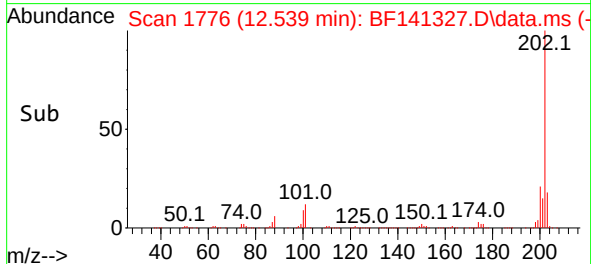
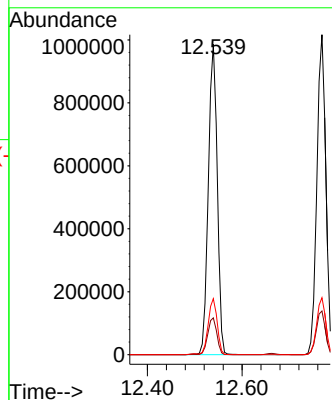
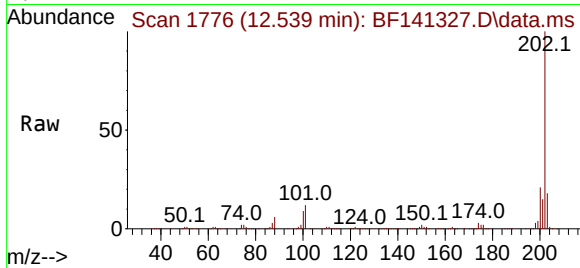




#75
Fluoranthene
Concen: 40.929 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

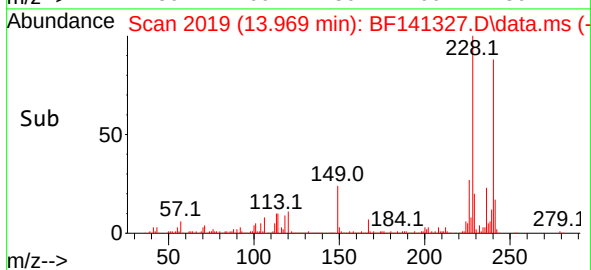
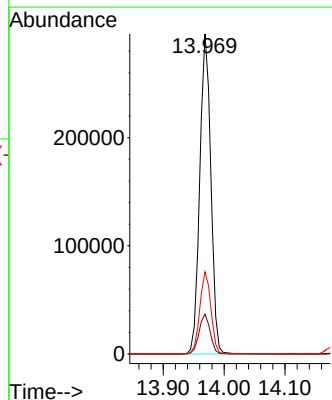
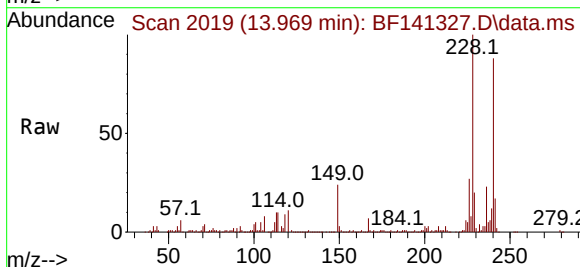
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

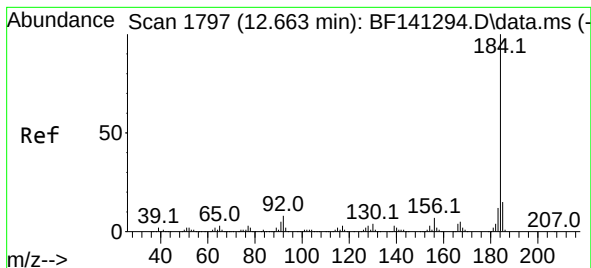
Tgt Ion:202 Resp: 1289953
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.7
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:240 Resp: 372769
Ion Ratio Lower Upper
240 100
120 12.4 10.0 15.0
236 25.6 19.7 29.5





#77

Benzidine

Concen: 59.932 ng

RT: 12.663 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

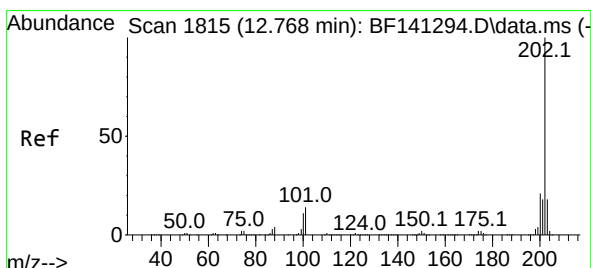
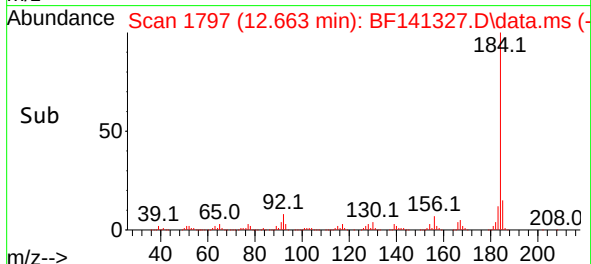
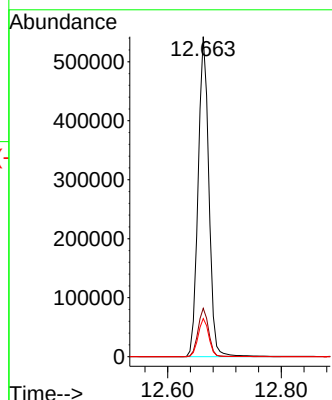
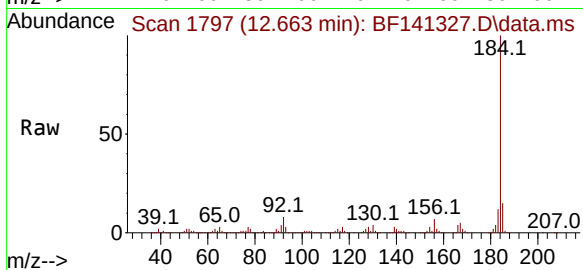
Tgt Ion:184 Resp: 716205

Ion Ratio Lower Upper

184 100

185 15.1 11.9 17.9

183 11.9 9.5 14.3



#78

Pyrene

Concen: 37.024 ng

RT: 12.769 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

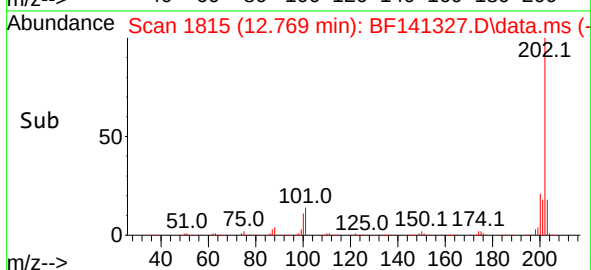
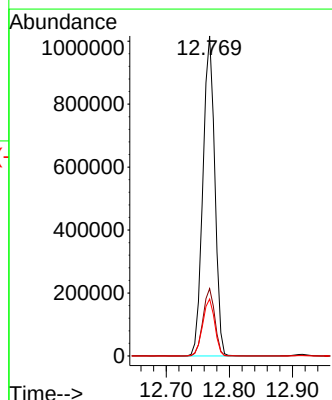
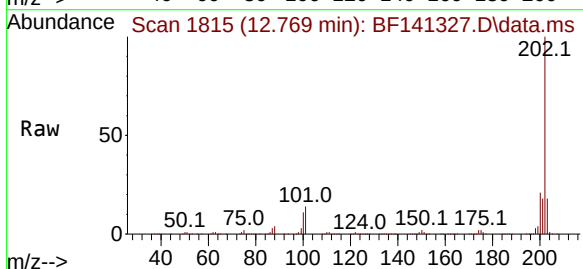
Tgt Ion:202 Resp: 1324799

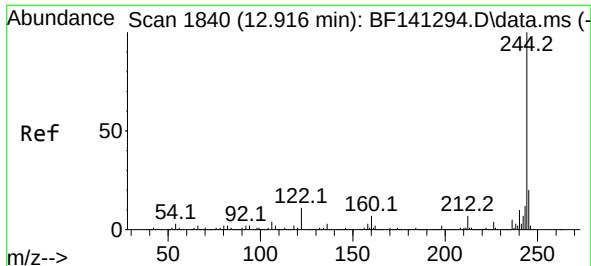
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

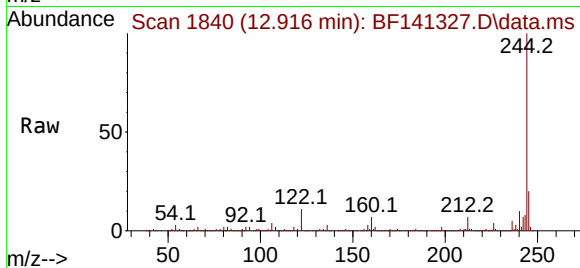
203 17.8 14.3 21.5





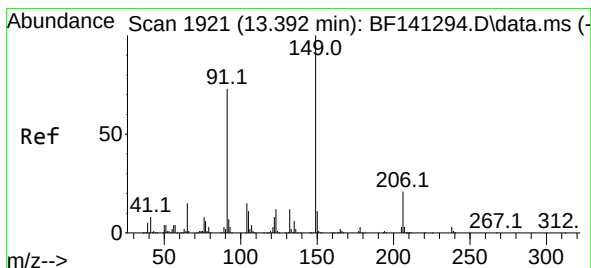
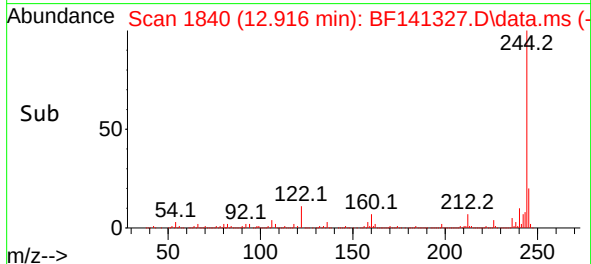
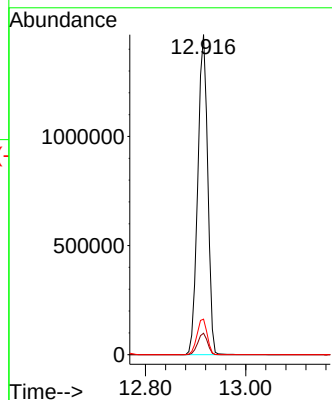
#79
 Terphenyl-d14
 Concen: 83.221 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB166363BSD



Tgt Ion:244 Resp: 2011572

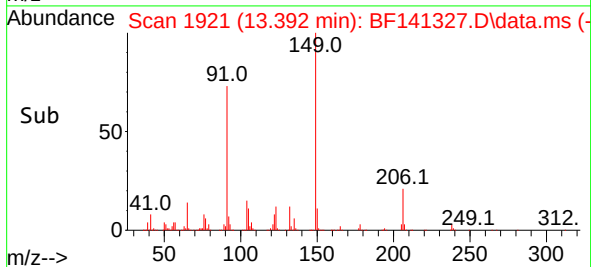
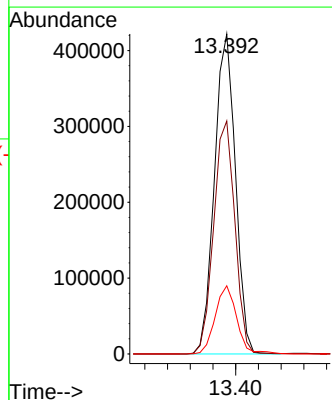
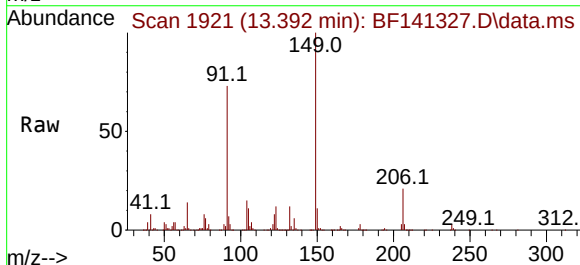
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	8.8	13.2

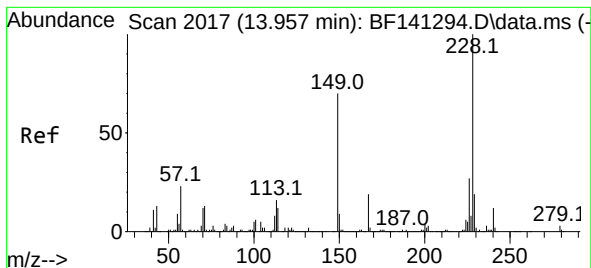


#80
 Butylbenzylphthalate
 Concen: 43.342 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54

Tgt Ion:149 Resp: 541805

Ion	Ratio	Lower	Upper
149	100		
91	72.8	58.6	87.8
206	21.3	16.7	25.1





#81

Benzo(a)anthracene

Concen: 36.655 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

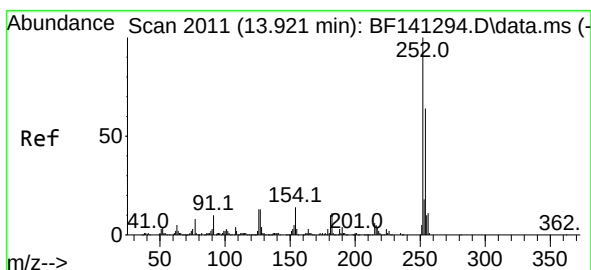
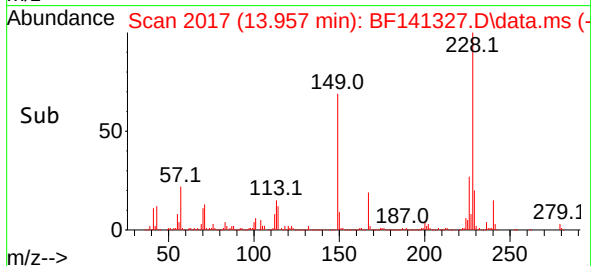
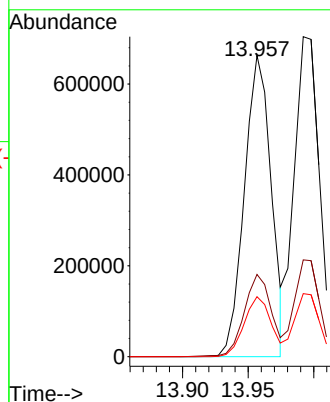
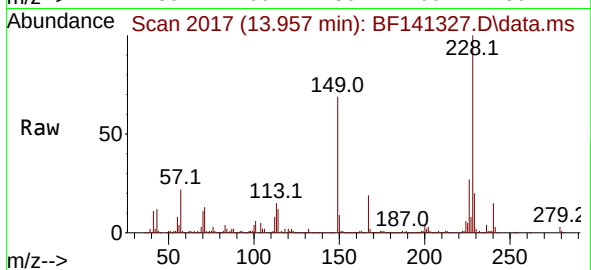
Tgt Ion:228 Resp: 942894

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.2

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 18.863 ng

RT: 13.921 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

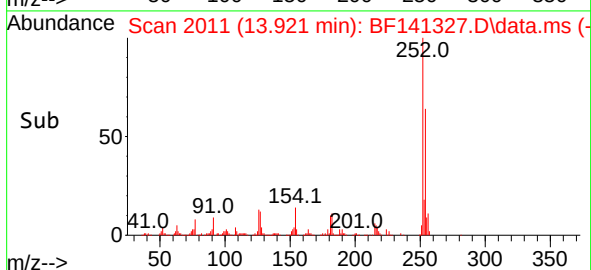
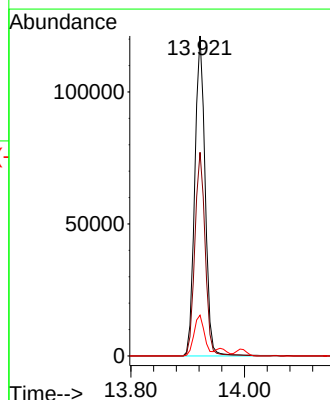
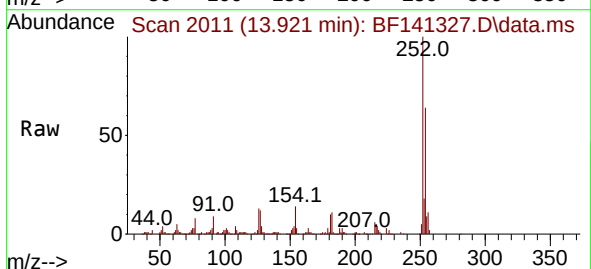
Tgt Ion:252 Resp: 154325

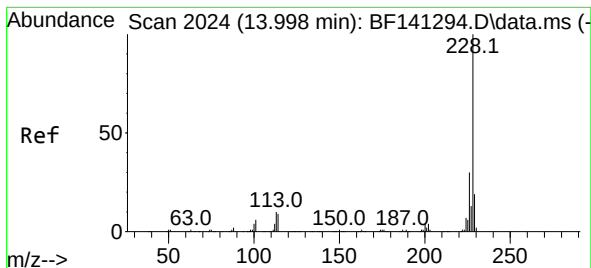
Ion Ratio Lower Upper

252 100

254 63.6 51.3 76.9

126 12.7 10.0 15.0





#83

Chrysene

Concen: 39.853 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

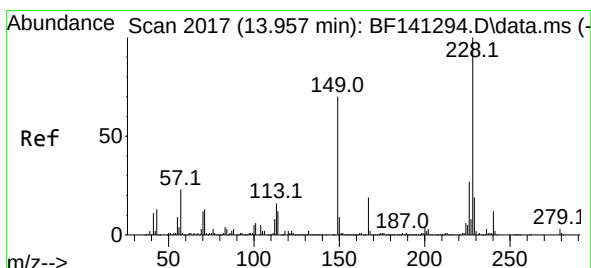
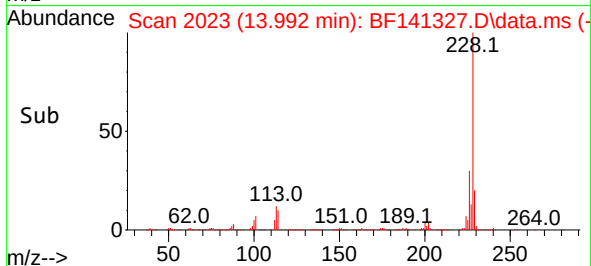
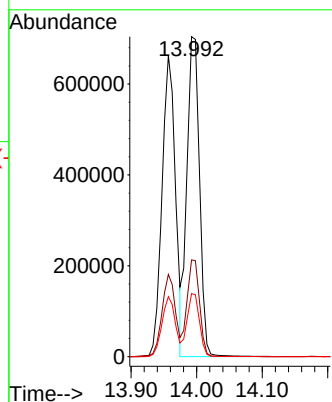
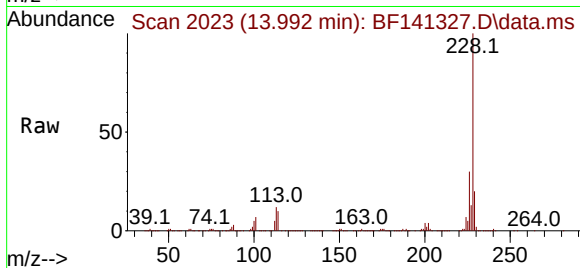
Tgt Ion:228 Resp: 939517

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.481 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

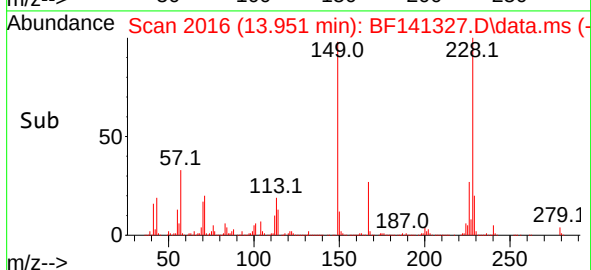
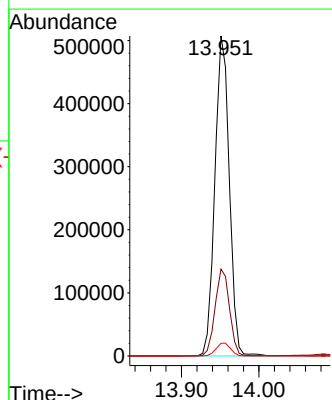
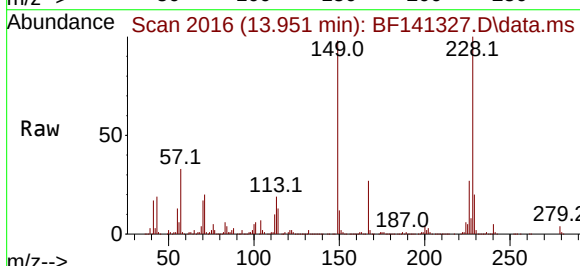
Tgt Ion:149 Resp: 657794

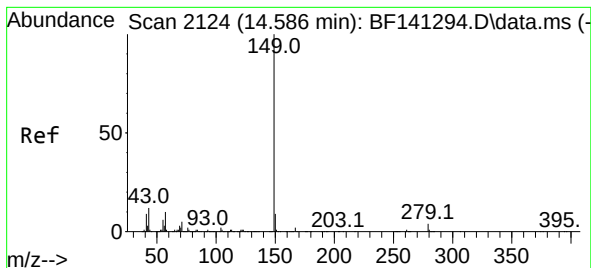
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.786 ng

RT: 14.574 min Scan# 2124

Delta R.T. -0.012 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

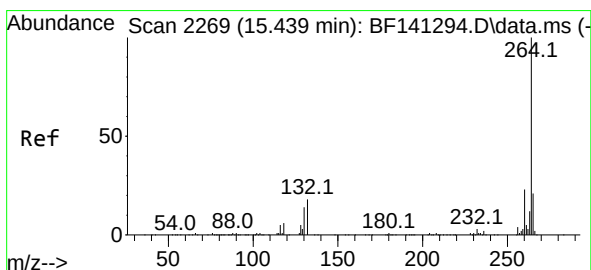
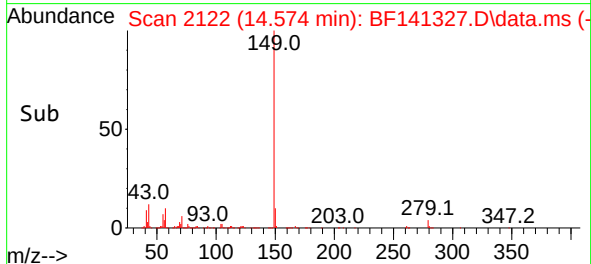
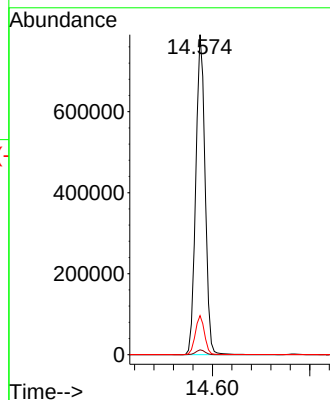
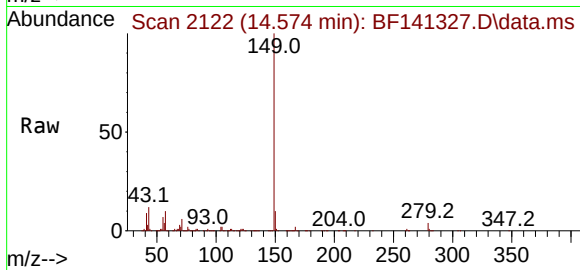
Tgt Ion:149 Resp: 1053825

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.1 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

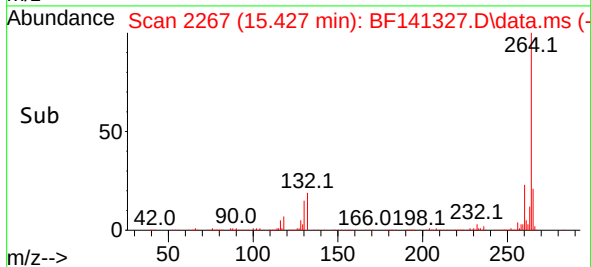
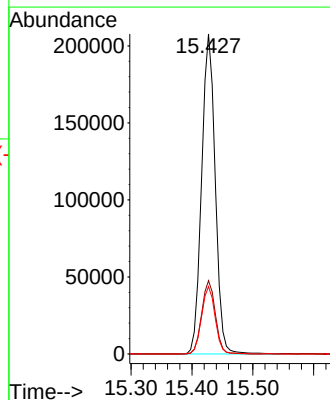
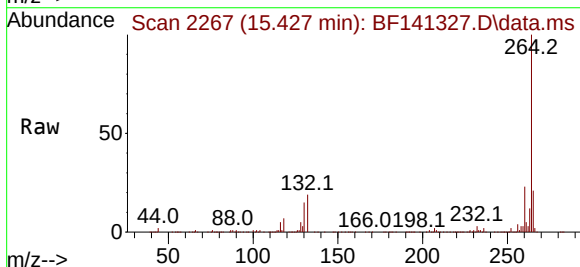
Tgt Ion:264 Resp: 322252

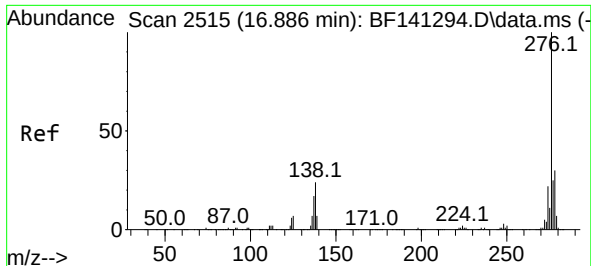
Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.1 16.7 25.1

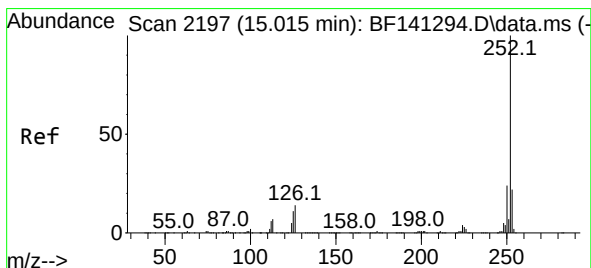
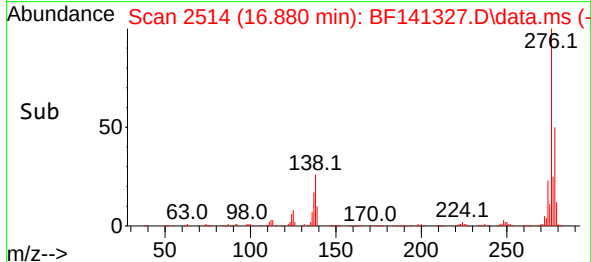
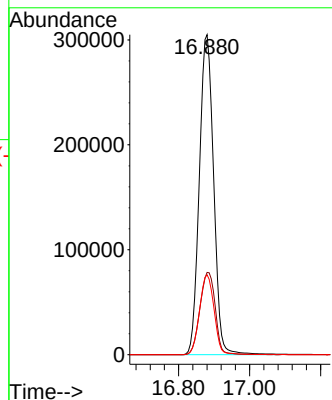
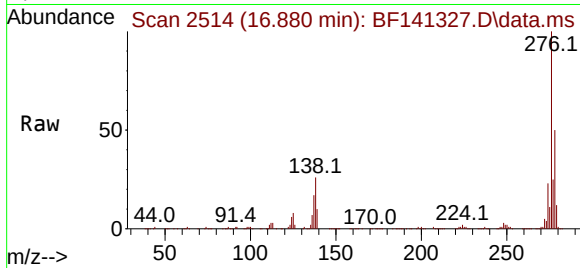




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.186 ng
 RT: 16.880 min Scan# 2114
 Delta R.T. -0.018 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54

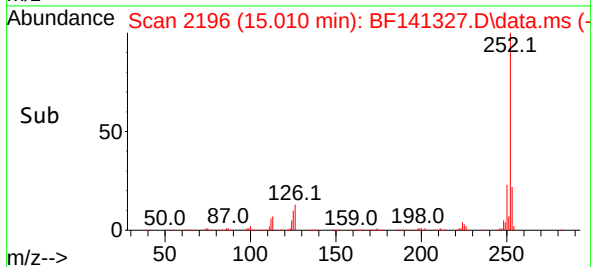
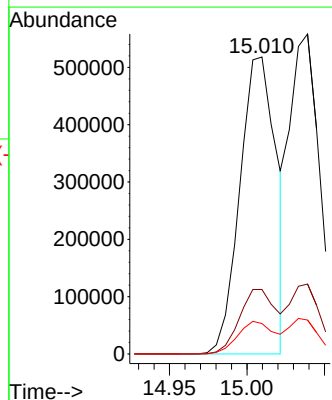
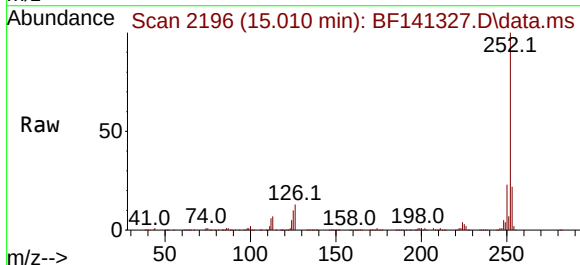
Instrument :
 BNA_F
 ClientSampleId :
 PB166363BSD

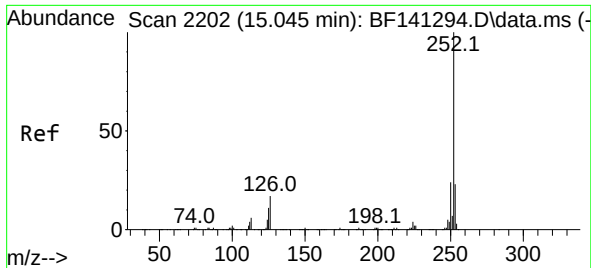
Tgt Ion:276 Resp: 856626
 Ion Ratio Lower Upper
 276 100
 138 27.6 21.7 32.5
 277 25.4 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 41.725 ng
 RT: 15.010 min Scan# 2196
 Delta R.T. -0.012 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54

Tgt Ion:252 Resp: 845792
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.2
 125 10.2 8.6 12.8

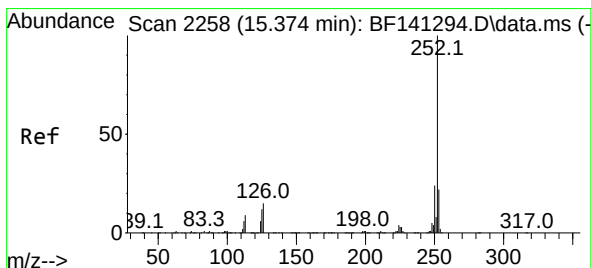
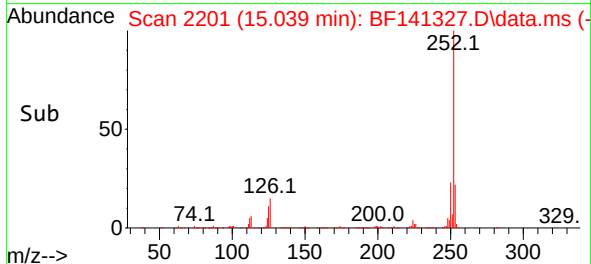
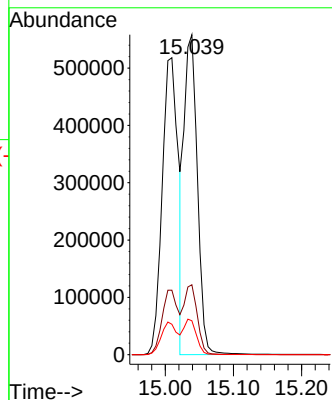
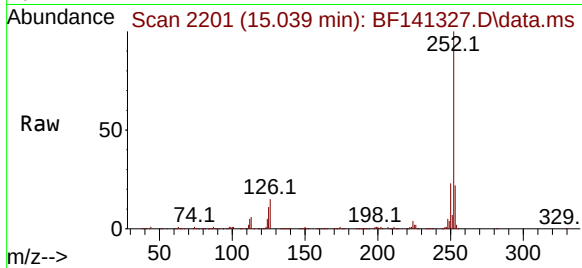




#89
Benzo(k)fluoranthene
Concen: 42.265 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

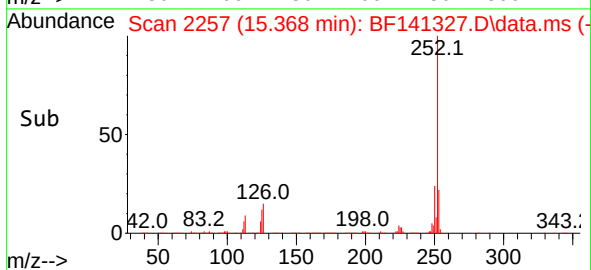
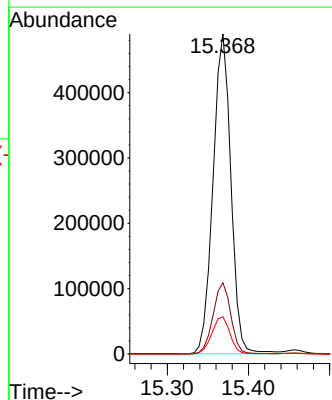
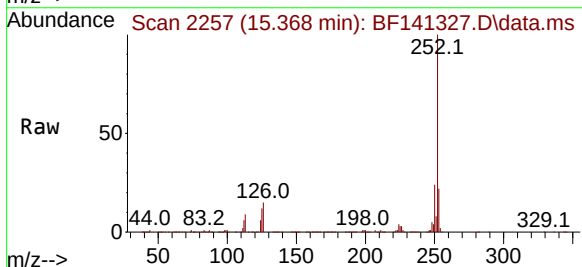
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

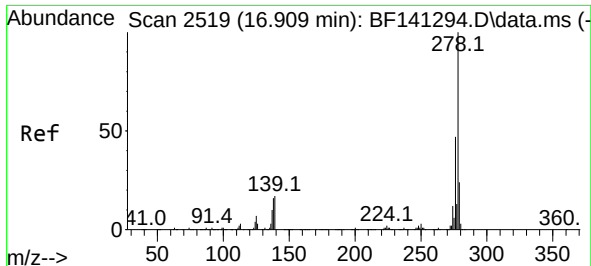
Tgt Ion:252 Resp: 758956
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 43.765 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:252 Resp: 749665
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 11.6 9.4 14.2

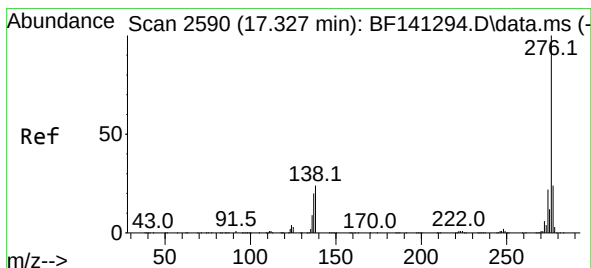
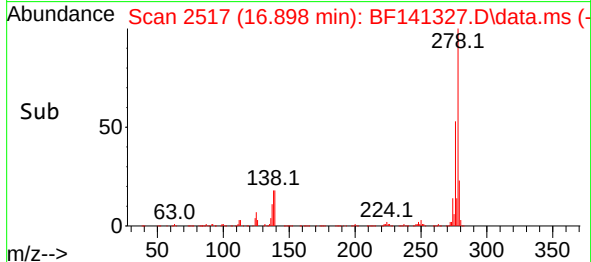
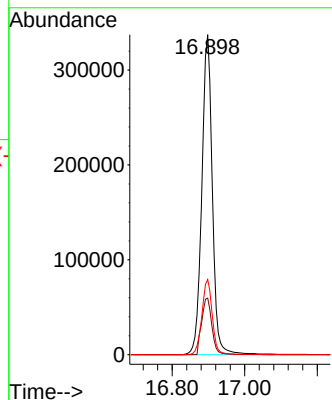
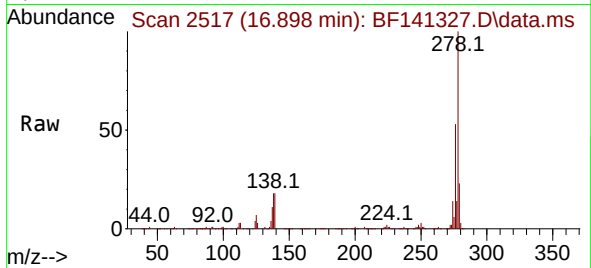




#91
 Dibenzo(a,h)anthracene
 Concen: 40.724 ng
 RT: 16.898 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54

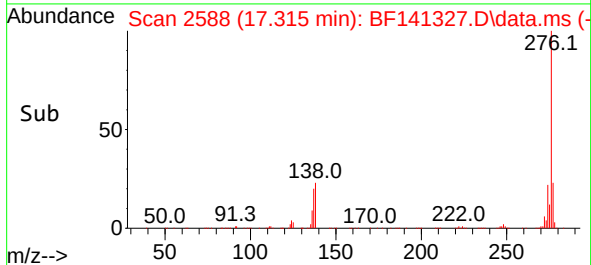
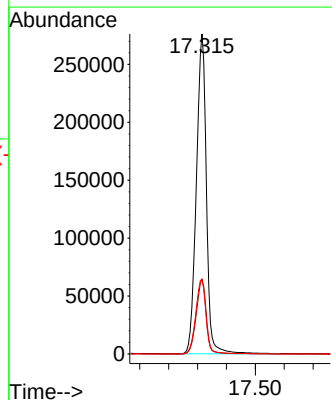
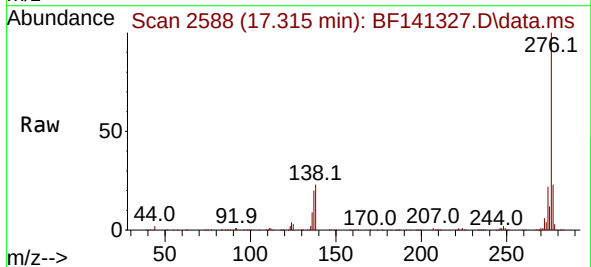
Instrument :
 BNA_F
 ClientSampleId :
 PB166363BSD

Tgt Ion:278 Resp: 681454
 Ion Ratio Lower Upper
 278 100
 139 17.6 13.9 20.9
 279 23.5 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 38.278 ng
 RT: 17.315 min Scan# 2588
 Delta R.T. -0.029 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54

Tgt Ion:276 Resp: 666012
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.2 28.8
 138 23.3 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141334.D
 Acq On : 31 Jan 2025 16:26
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 31 18:34:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	164970	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	647909	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	341541	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	566479	20.000	ng	0.00
76) Chrysene-d12	13.968	240	341440	20.000	ng	0.00
86) Perylene-d12	15.439	264	331116	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	791139	73.623	ng	0.00
7) Phenol-d6	6.428	99	993362	72.667	ng	-0.01
23) Nitrobenzene-d5	7.363	82	896200	72.918	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	235886	75.335	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1562690	70.424	ng	0.00
79) Terphenyl-d14	12.915	244	1567460	70.798	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.481	88	179518	37.986	ng	99
3) Pyridine	3.210	79	436407	38.326	ng	99
4) n-Nitrosodimethylamine	3.163	42	248931	38.269	ng	99
6) Aniline	6.463	93	439932	38.018	ng	99
8) 2-Chlorophenol	6.586	128	426501	37.030	ng	96
9) Benzaldehyde	6.345	77	310932	39.268	ng	99
10) Phenol	6.445	94	527421	36.397	ng	94
11) bis(2-Chloroethyl)ether	6.539	93	407197	36.649	ng	98
12) 1,3-Dichlorobenzene	6.739	146	469100	36.939	ng	99
13) 1,4-Dichlorobenzene	6.816	146	473169	37.089	ng	100
14) 1,2-Dichlorobenzene	6.969	146	432488	36.203	ng	99
15) Benzyl Alcohol	6.939	79	350130	37.479	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	715839	37.050	ng	99
17) 2-Methylphenol	7.051	107	344483	36.801	ng	99
18) Hexachloroethane	7.310	117	173871	36.943	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	295405	36.368	ng	97
20) 3+4-Methylphenols	7.204	107	411022	35.761	ng	99
22) Acetophenone	7.210	105	548834	35.637	ng	99
24) Nitrobenzene	7.381	77	467777	36.727	ng	99
25) Isophorone	7.622	82	785054	36.952	ng	99
26) 2-Nitrophenol	7.698	139	224162	37.318	ng	100
27) 2,4-Dimethylphenol	7.733	122	262245	34.300	ng	100
28) bis(2-Chloroethoxy)met...	7.833	93	494480	36.489	ng	100
29) 2,4-Dichlorophenol	7.939	162	346397	37.008	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	385139	36.030	ng	99
31) Naphthalene	8.104	128	1231790	35.989	ng	99
32) Benzoic acid	7.851	122	229274	32.621	ng	100
33) 4-Chloroaniline	8.151	127	411817	35.481	ng	99
34) Hexachlorobutadiene	8.222	225	227599	36.308	ng	99
35) Caprolactam	8.528	113	116667	38.166	ng	94
36) 4-Chloro-3-methylphenol	8.633	107	376529	37.503	ng	98
37) 2-Methylnaphthalene	8.792	142	782487	35.969	ng	98
38) 1-Methylnaphthalene	8.892	142	767501	35.916	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	357735	36.817	ng	100
41) Hexachlorocyclopentadiene	8.945	237	112765	39.297	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	241760	38.014	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
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 Acq On : 31 Jan 2025 16:26
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

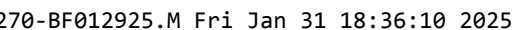
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 ClientSampleId :
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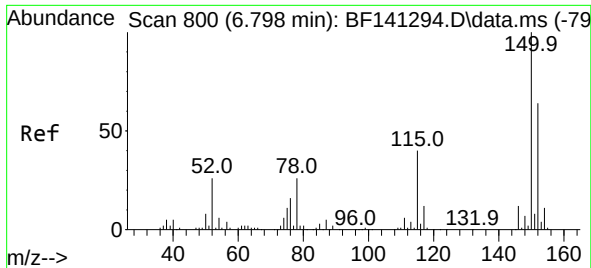
Quant Time: Jan 31 18:34:55 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	256970	37.124	ng	100
46) 1,1'-Biphenyl	9.257	154	961081	36.082	ng	99
47) 2-Chloronaphthalene	9.286	162	748367	36.046	ng	99
48) 2-Nitroaniline	9.380	65	246493	37.746	ng	99
49) Acenaphthylene	9.698	152	1061017	36.509	ng	100
50) Dimethylphthalate	9.563	163	853360	36.994	ng	100
51) 2,6-Dinitrotoluene	9.622	165	202525	37.813	ng	98
52) Acenaphthene	9.875	154	761516	36.678	ng	100
53) 3-Nitroaniline	9.792	138	195318	37.207	ng	100
54) 2,4-Dinitrophenol	9.898	184	104461	41.956	ng	97
55) Dibenzofuran	10.045	168	999283	35.957	ng	100
56) 4-Nitrophenol	9.951	139	152830	39.808	ng	98
57) 2,4-Dinitrotoluene	10.027	165	267112	38.519	ng	99
58) Fluorene	10.386	166	773726	35.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	209383	38.450	ng	99
60) Diethylphthalate	10.263	149	832152	37.205	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	380628	36.147	ng	100
62) 4-Nitroaniline	10.404	138	198535	38.469	ng	99
63) Azobenzene	10.539	77	831958	37.160	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	148537	44.330	ng	99
66) n-Nitrosodiphenylamine	10.498	169	682549	37.253	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	244392	38.536	ng	98
68) Hexachlorobenzene	10.933	284	255323	37.954	ng	99
69) Atrazine	11.027	200	213403	34.836	ng	98
70) Pentachlorophenol	11.127	266	167246	42.456	ng	99
71) Phenanthrene	11.351	178	1133127	37.212	ng	99
72) Anthracene	11.404	178	1126615	37.760	ng	99
73) Carbazole	11.557	167	1014712	38.354	ng	99
74) Di-n-butylphthalate	11.892	149	1270081	39.613	ng	100
75) Fluoranthene	12.539	202	1159837	38.576	ng	100
77) Benzidine	12.663	184	393366	35.937	ng	99
78) Pyrene	12.768	202	1173910	35.817	ng	100
80) Butylbenzylphthalate	13.392	149	451201	39.406	ng	99
81) Benzo(a)anthracene	13.957	228	824181	34.980	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	272114	36.313	ng	99
83) Chrysene	13.998	228	770666	35.690	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	561147	38.633	ng	100
85) Di-n-octyl phthalate	14.586	149	880674	39.037	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	802001	37.527	ng	100
88) Benzo(b)fluoranthene	15.015	252	808478	38.817	ng	99
89) Benzo(k)fluoranthene	15.045	252	638999	34.632	ng	100
90) Benzo(a)pyrene	15.380	252	655984	37.270	ng	100
91) Dibenzo(a,h)anthracene	16.909	278	645395	37.536	ng	99
92) Benzo(g,h,i)perylene	17.327	276	685709	38.355	ng	99

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

Quant Time: Jan 31 18:34:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

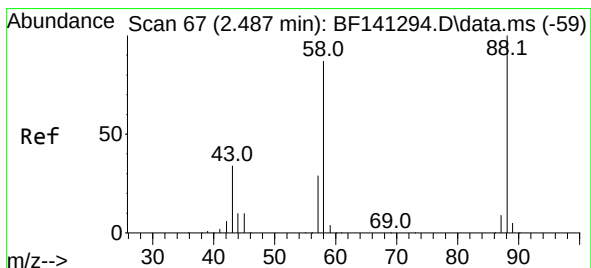
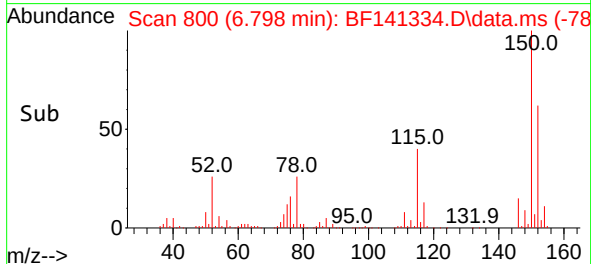
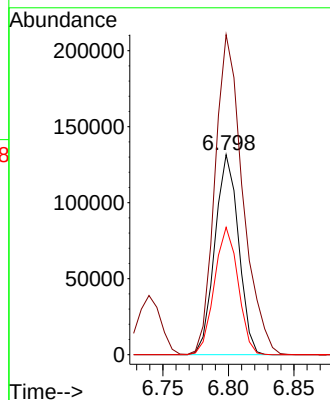
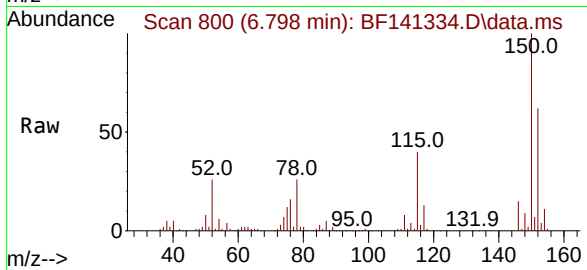




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

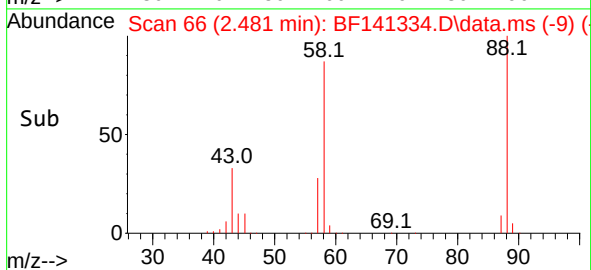
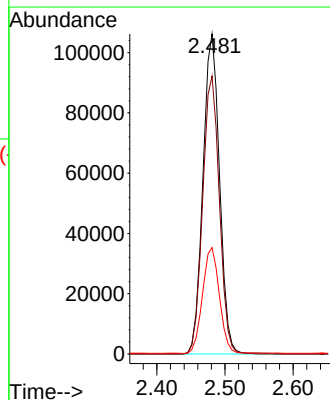
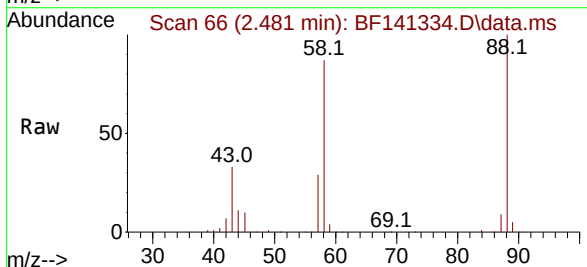
Instrument :
 BNA_F
 ClientSampleId :
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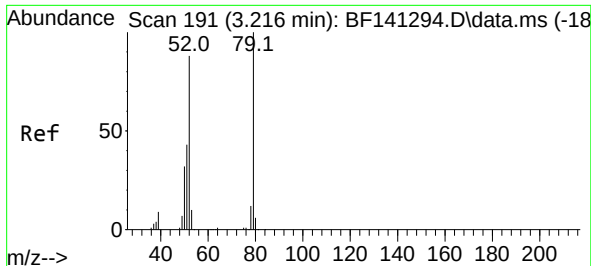
Tgt Ion:152 Resp: 164970
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.9 188.9
 115 63.7 49.7 74.5



#2
 1,4-Dioxane
 Concen: 37.986 ng
 RT: 2.481 min Scan# 66
 Delta R.T. -0.012 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Tgt Ion: 88 Resp: 179518
 Ion Ratio Lower Upper
 88 100
 58 87.2 70.2 105.4
 43 33.7 27.6 41.4

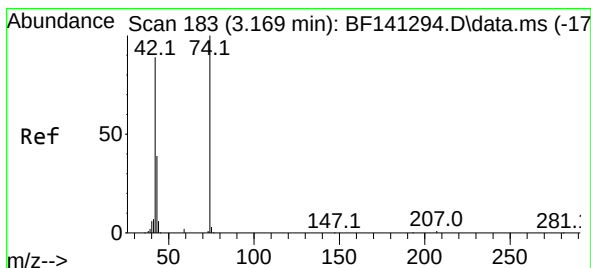
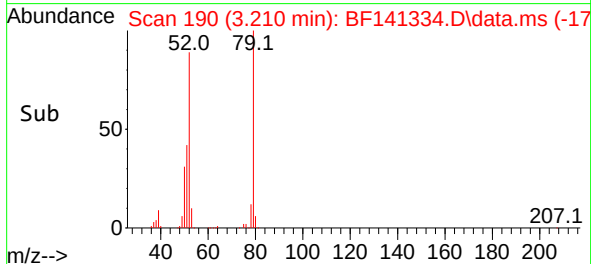
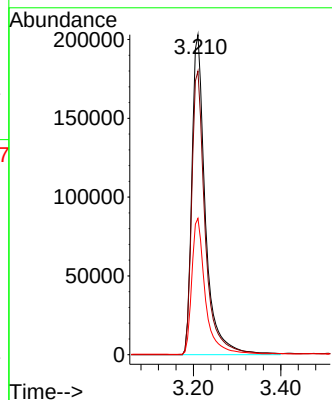
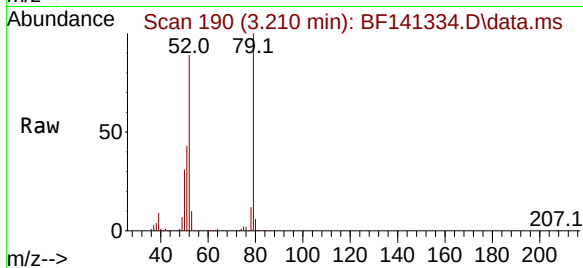




#3
 Pyridine
 Concen: 38.326 ng
 RT: 3.210 min Scan# 190
 Delta R.T. -0.018 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

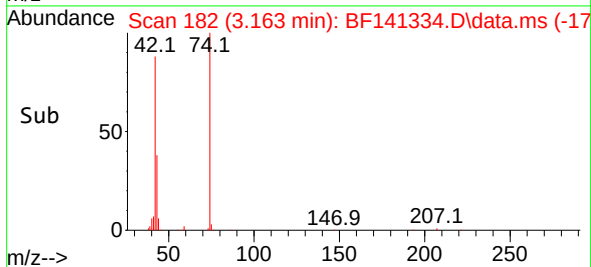
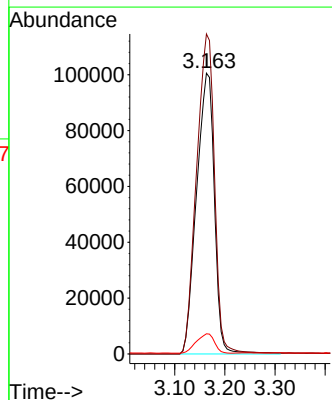
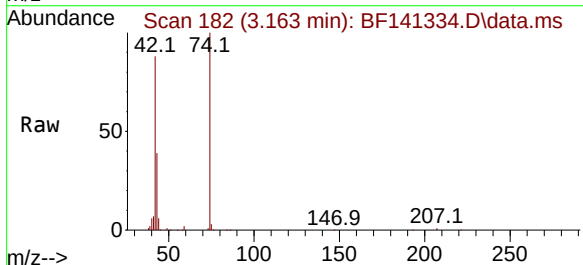
Instrument :
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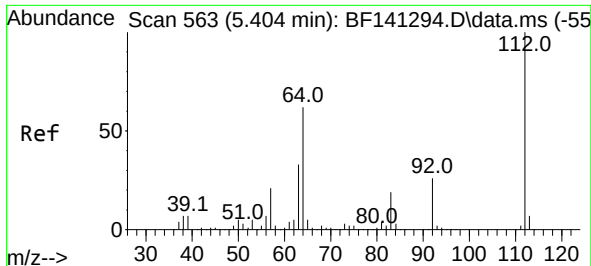
Tgt Ion: 79 Resp: 436407
 Ion Ratio Lower Upper
 79 100
 52 88.6 70.3 105.5
 51 42.6 34.3 51.5



#4
 n-Nitrosodimethylamine
 Concen: 38.269 ng
 RT: 3.163 min Scan# 182
 Delta R.T. -0.036 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Tgt Ion: 42 Resp: 248931
 Ion Ratio Lower Upper
 42 100
 74 114.0 90.3 135.5
 44 7.2 5.7 8.5

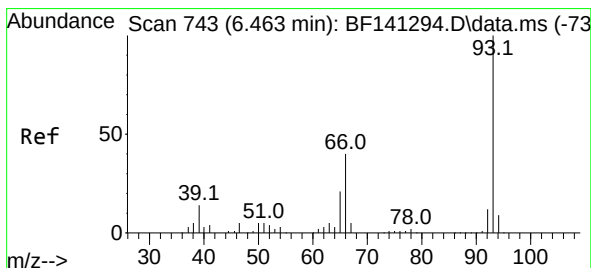
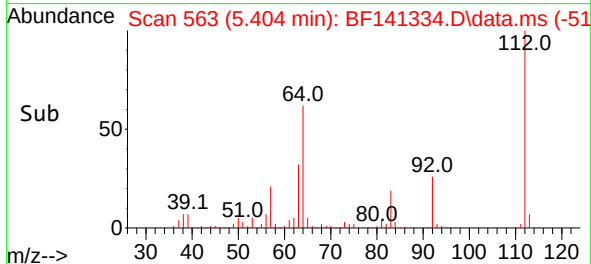
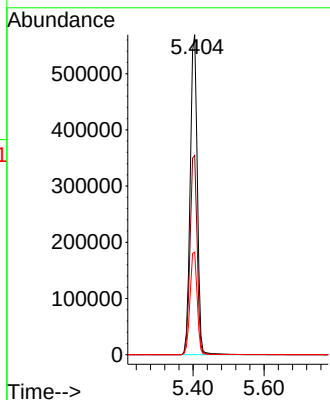
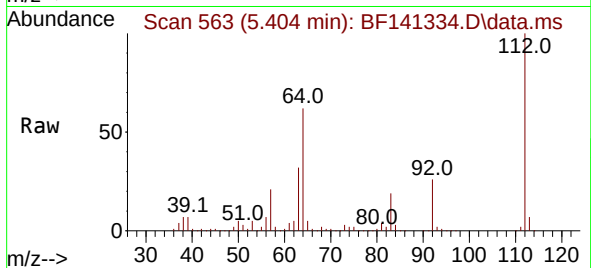




#5
2-Fluorophenol
Concen: 73.623 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

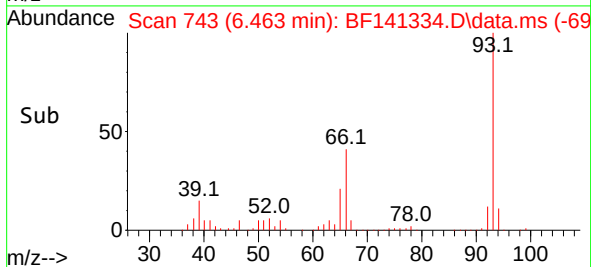
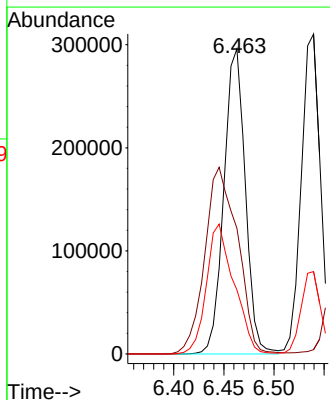
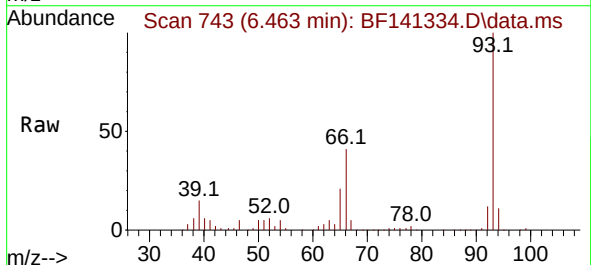
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BNA_F
ClientSampleId :
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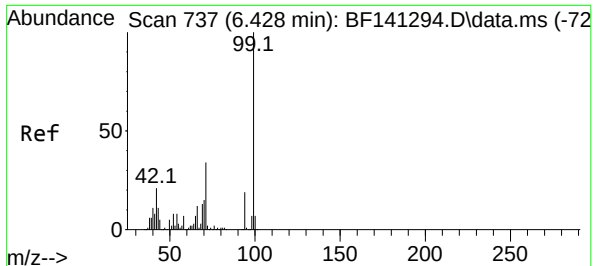
Tgt Ion:112 Resp: 791139
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 32.1 26.1 39.1



#6
Aniline
Concen: 38.018 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 93 Resp: 439932
Ion Ratio Lower Upper
93 100
66 41.2 32.5 48.7
65 21.0 17.0 25.6

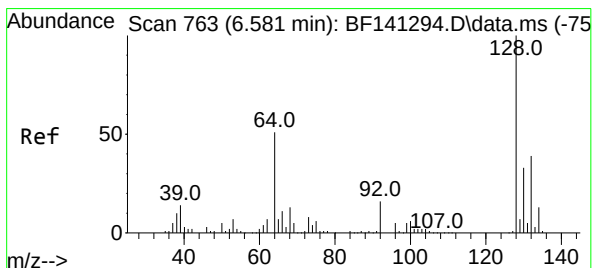
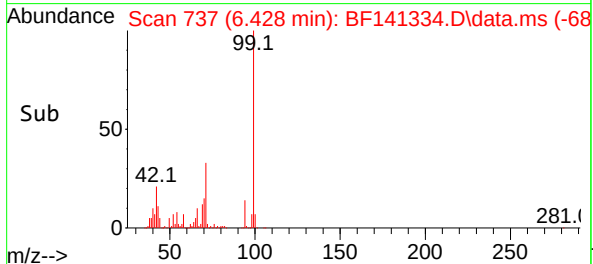
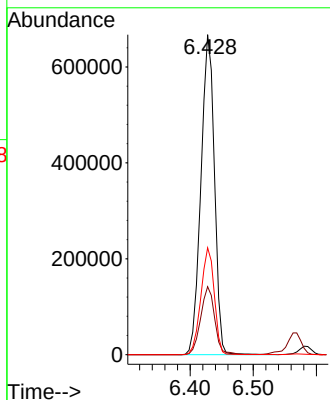
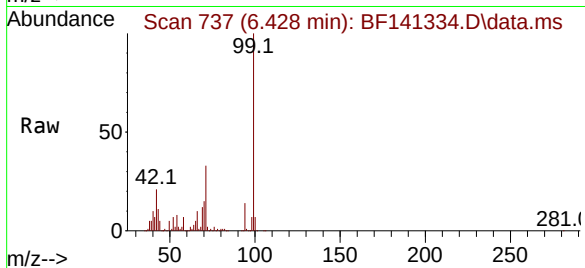




#7
Phenol-d6
Concen: 72.667 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

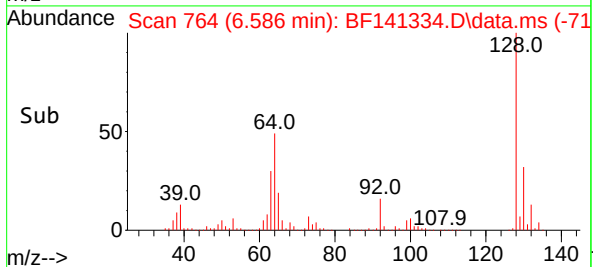
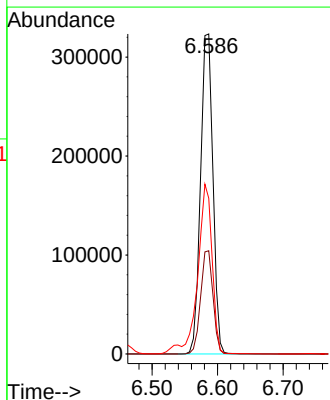
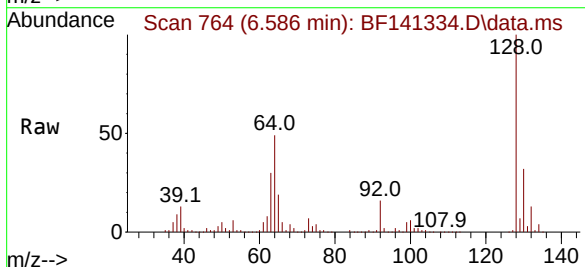
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ClientSampleId :
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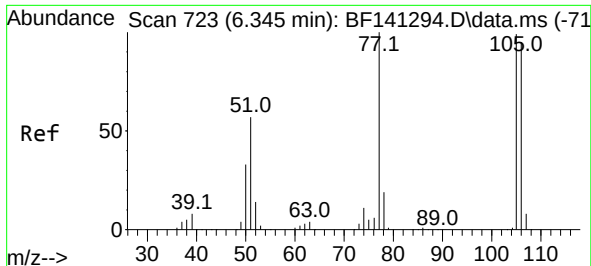
Tgt Ion: 99 Resp: 993362
Ion Ratio Lower Upper
99 100
42 21.3 17.1 25.7
71 33.4 26.9 40.3



#8
2-Chlorophenol
Concen: 37.030 ng
RT: 6.586 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:128 Resp: 426501
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 48.7 32.9 72.9

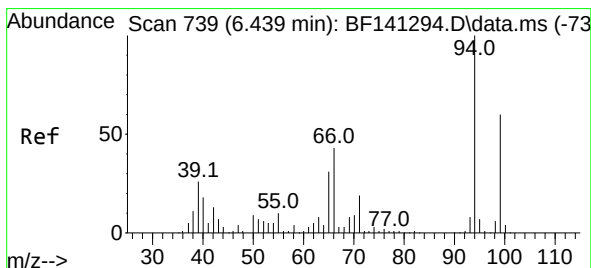
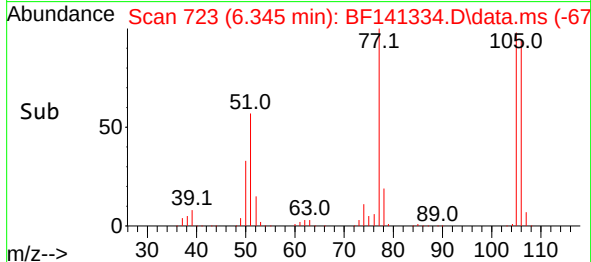
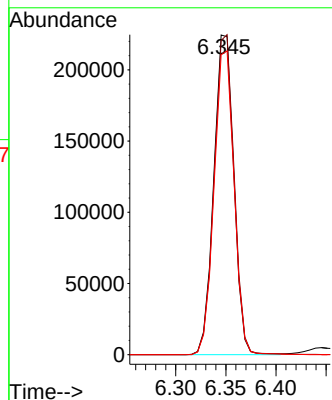
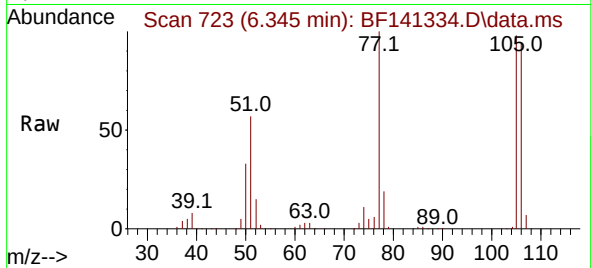




#9
Benzaldehyde
Concen: 39.268 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

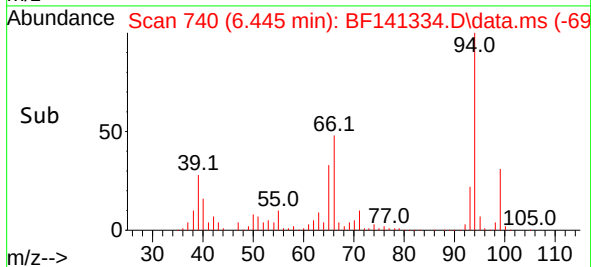
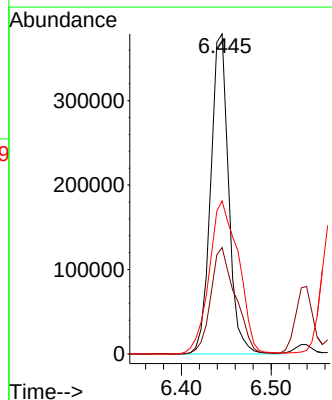
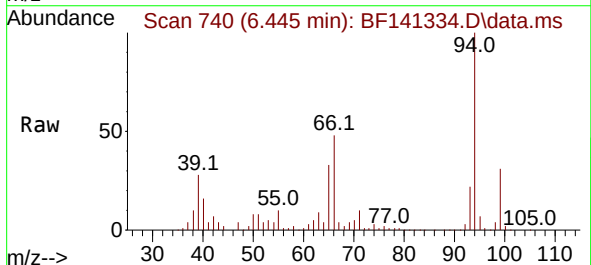
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

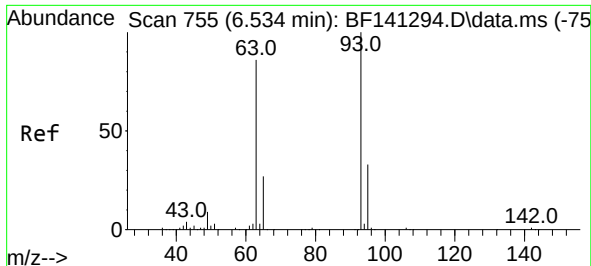
Tgt Ion: 77 Resp: 310932
Ion Ratio Lower Upper
77 100
105 98.3 79.4 119.4
106 93.9 74.6 114.6



#10
Phenol
Concen: 36.397 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 94 Resp: 527421
Ion Ratio Lower Upper
94 100
65 33.3 10.8 50.8
66 47.8 23.3 63.3





#11

bis(2-Chloroethyl)ether

Concen: 36.649 ng

RT: 6.539 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

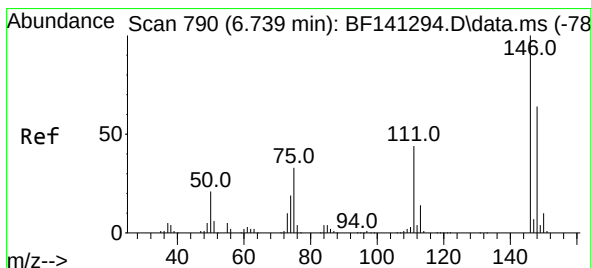
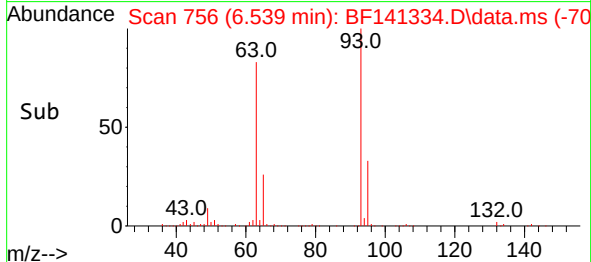
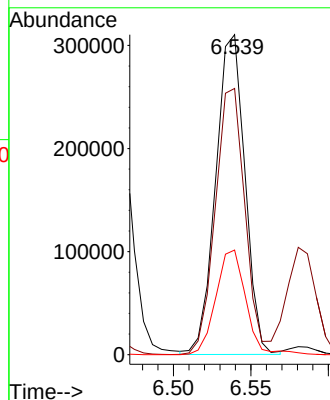
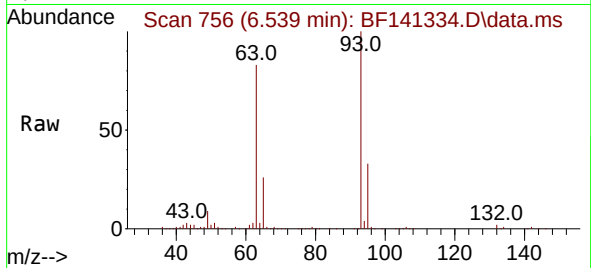
Tgt Ion: 93 Resp: 407197

Ion Ratio Lower Upper

93 100

63 83.2 65.0 105.0

95 32.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 36.939 ng

RT: 6.739 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

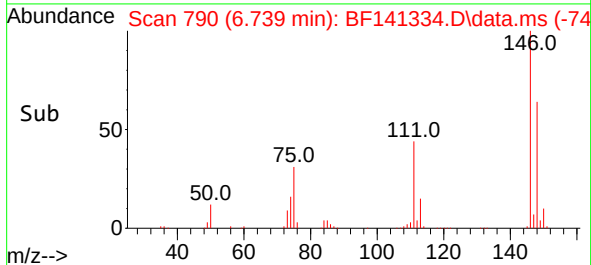
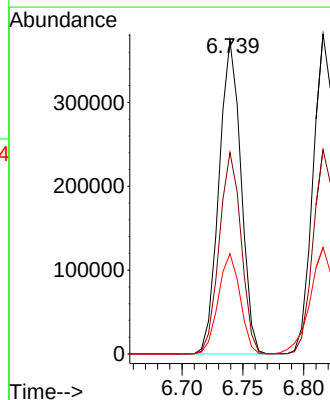
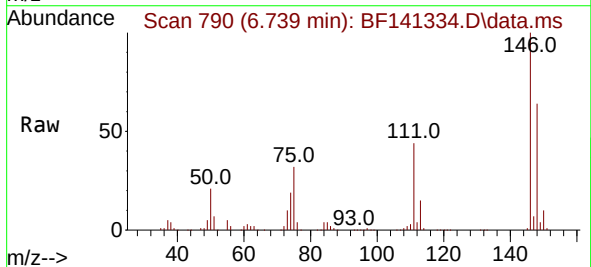
Tgt Ion:146 Resp: 469100

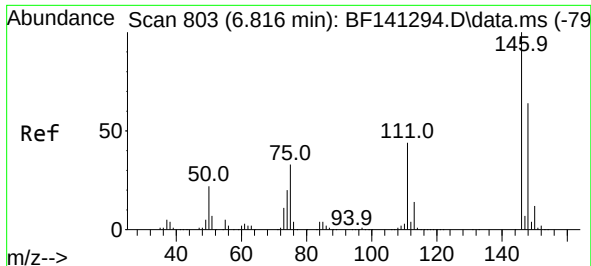
Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

75 32.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.089 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

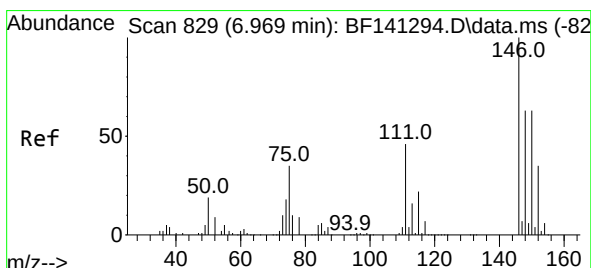
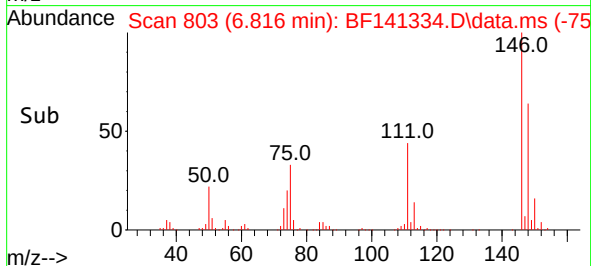
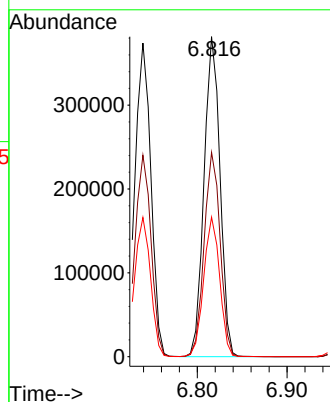
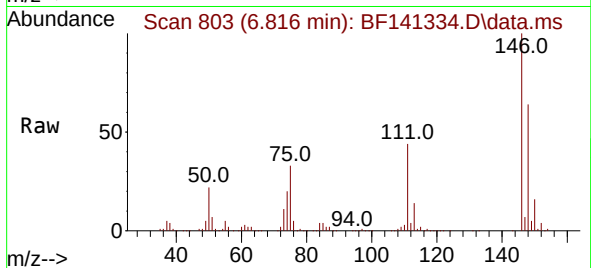
Tgt Ion:146 Resp: 473169

Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

111 43.6 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 36.203 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

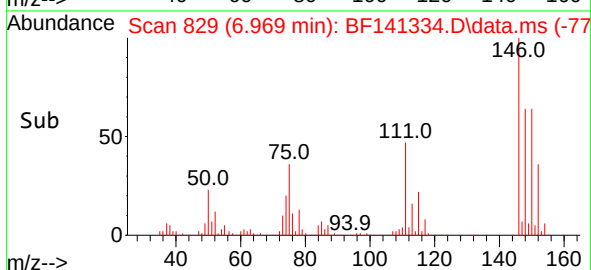
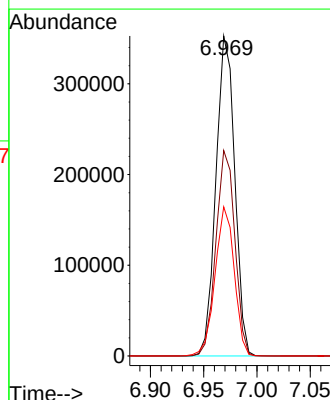
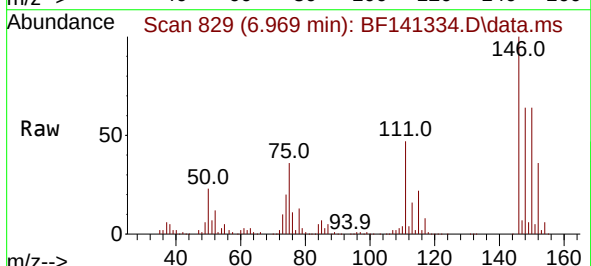
Tgt Ion:146 Resp: 432488

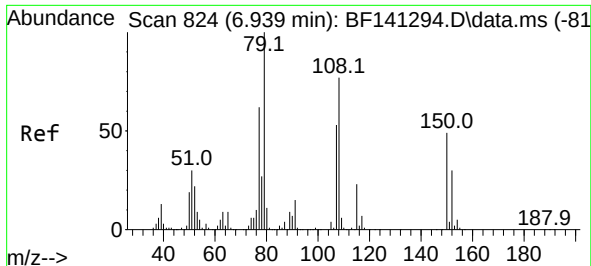
Ion Ratio Lower Upper

146 100

148 64.2 50.5 75.7

111 46.6 36.6 55.0

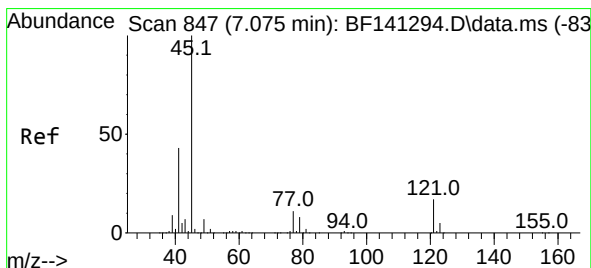
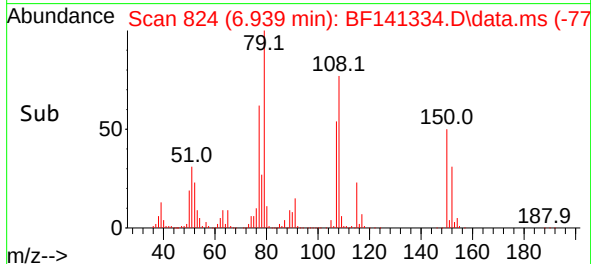
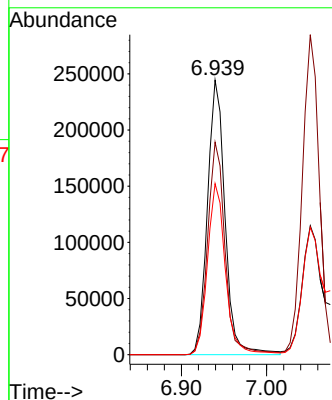
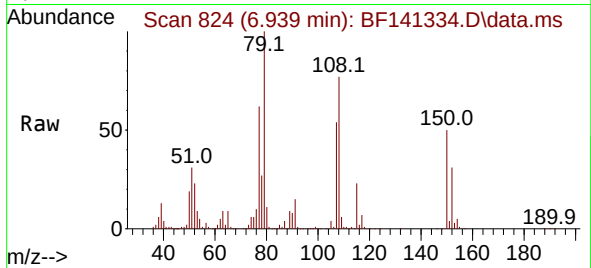




#15
Benzyl Alcohol
Concen: 37.479 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

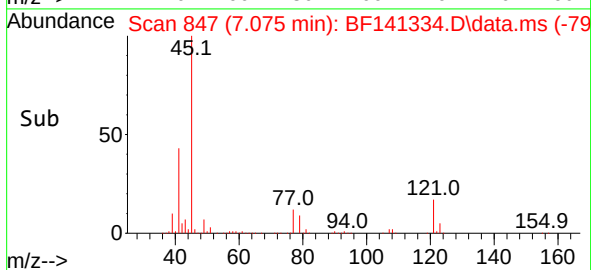
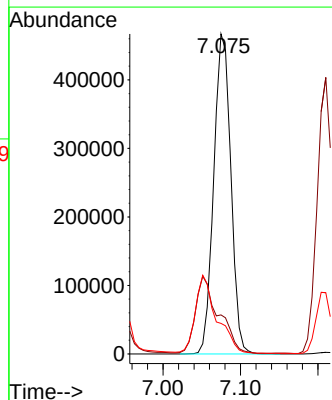
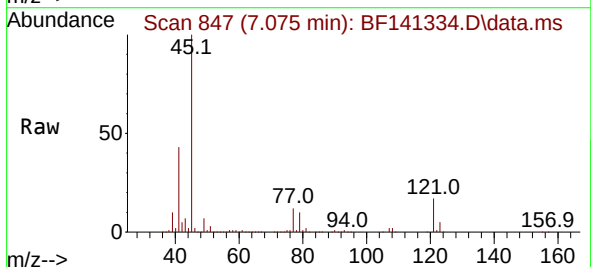
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

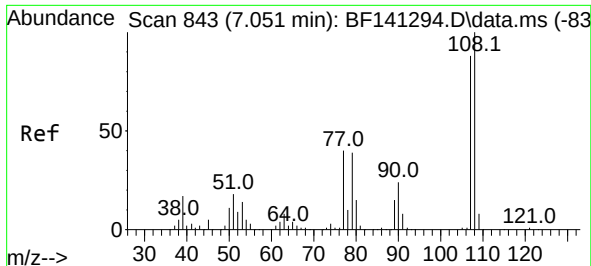
Tgt Ion: 79 Resp: 350130
Ion Ratio Lower Upper
79 100
108 77.4 61.4 92.0
77 62.3 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.050 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 45 Resp: 715839
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.8
79 9.5 0.0 29.1

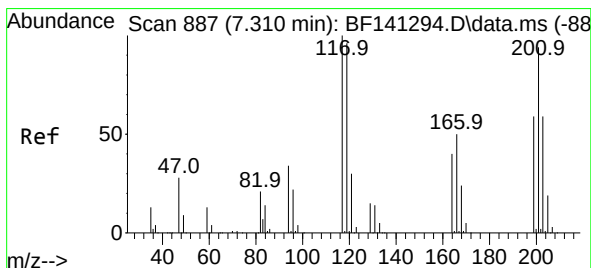
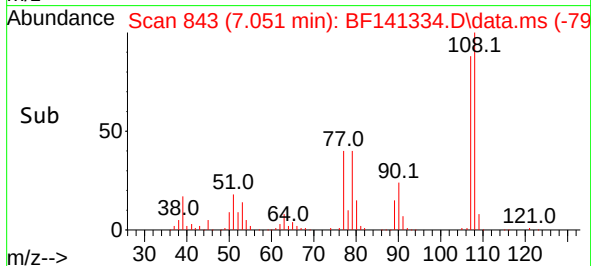
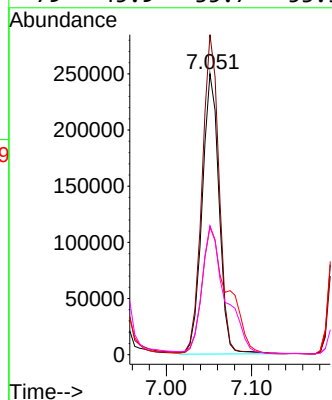
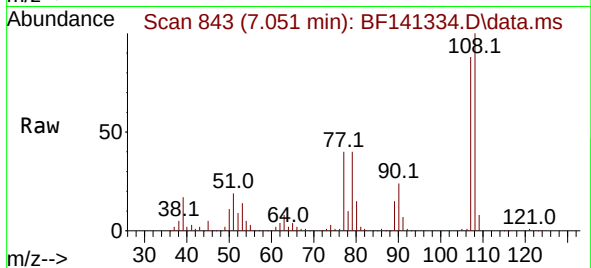




#17
2-Methylphenol
Concen: 36.801 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

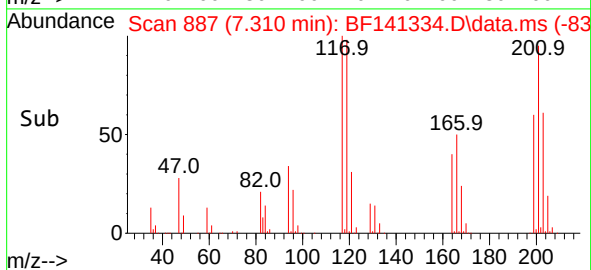
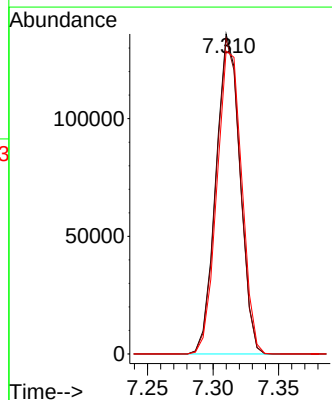
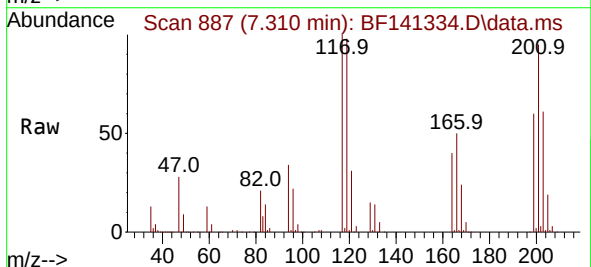
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

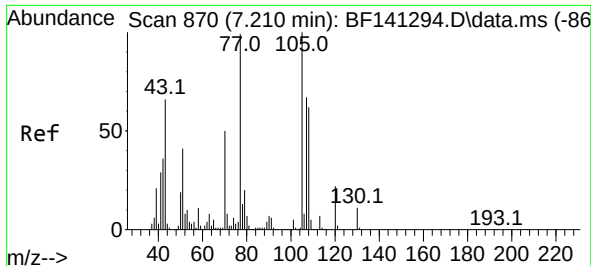
Tgt Ion:107 Resp: 344483
Ion Ratio Lower Upper
107 100
108 113.9 90.8 136.2
77 45.4 36.2 54.4
79 45.9 35.7 53.5



#18
Hexachloroethane
Concen: 36.943 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:117 Resp: 173871
Ion Ratio Lower Upper
117 100
119 98.5 76.6 114.8
201 94.7 74.8 112.2

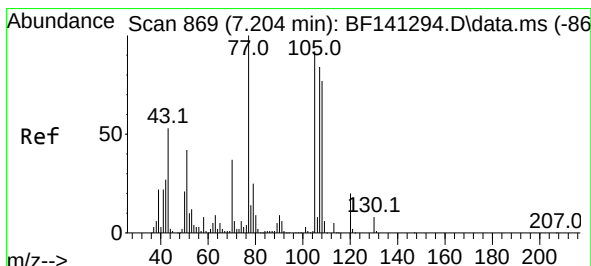
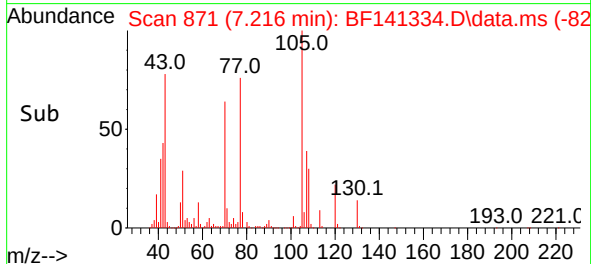
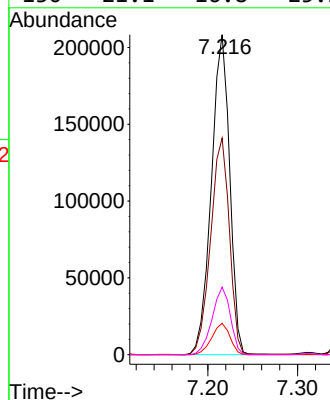
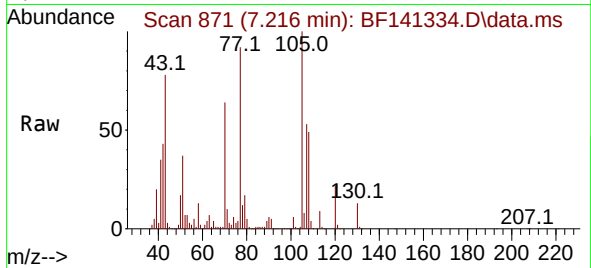




#19
n-Nitroso-di-n-propylamine
Concen: 36.368 ng
RT: 7.216 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

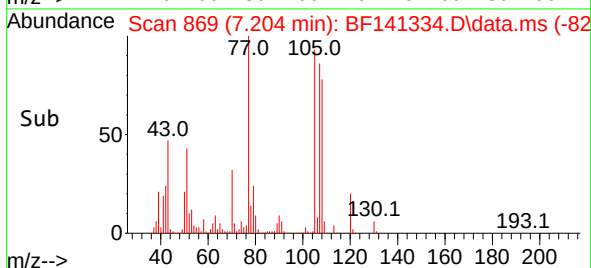
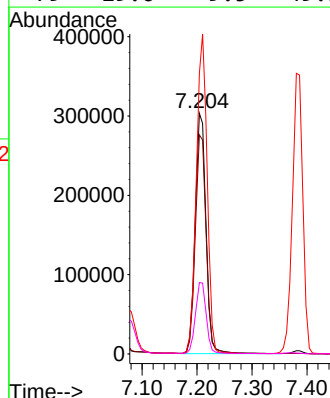
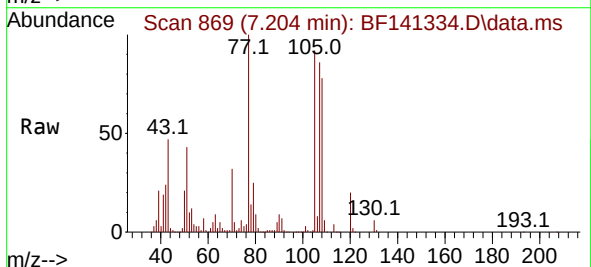
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

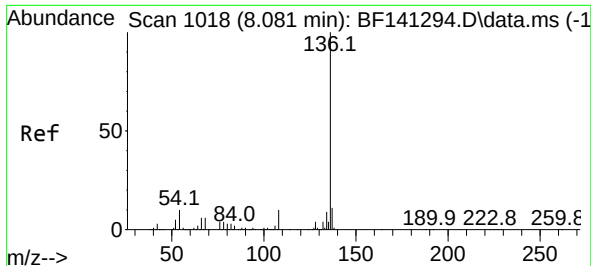
Tgt Ion: 70 Resp: 295405
Ion Ratio Lower Upper
70 100
42 67.7 56.8 85.2
101 9.8 7.7 11.5
130 21.1 16.8 25.2



#20
3+4-Methylphenols
Concen: 35.761 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 107 Resp: 411022
Ion Ratio Lower Upper
107 100
108 91.0 70.9 110.9
77 116.6 98.5 138.5
79 29.6 9.5 49.5



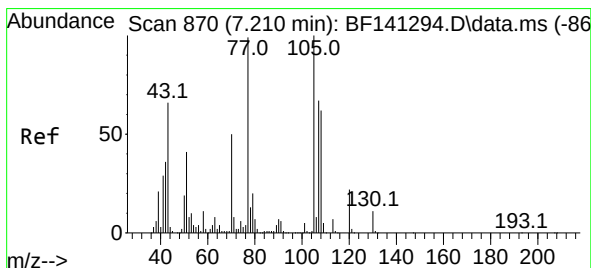
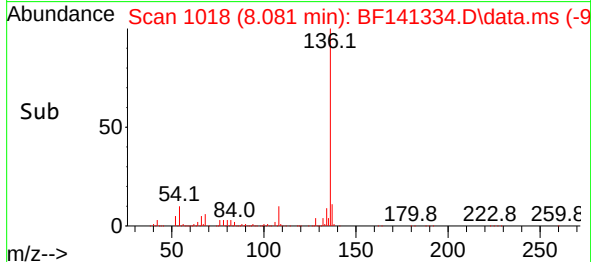
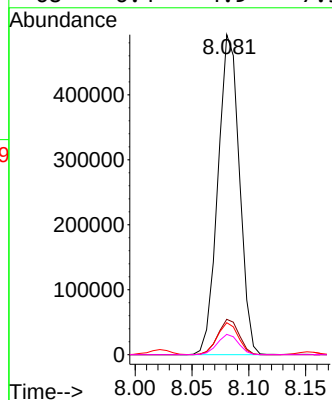
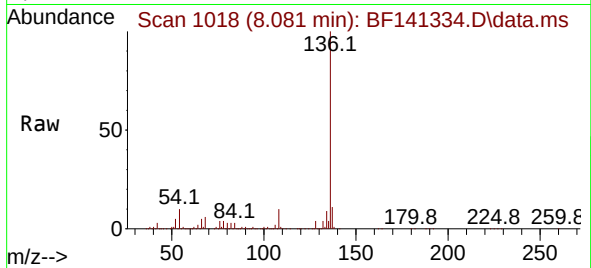


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 647909

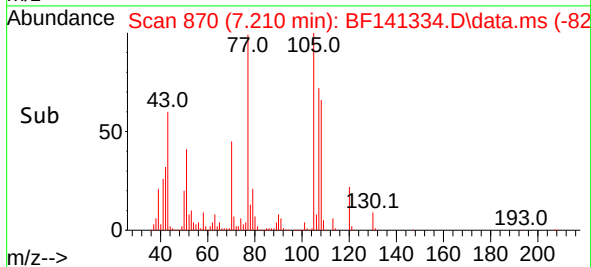
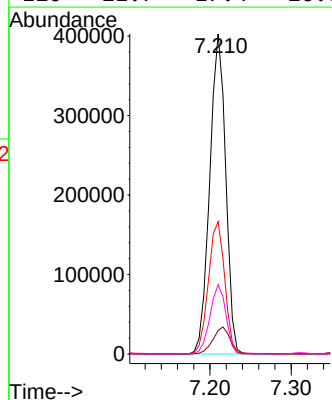
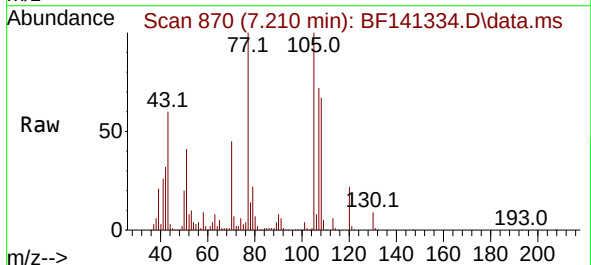
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.0	7.8	11.8
68	6.4	4.9	7.3

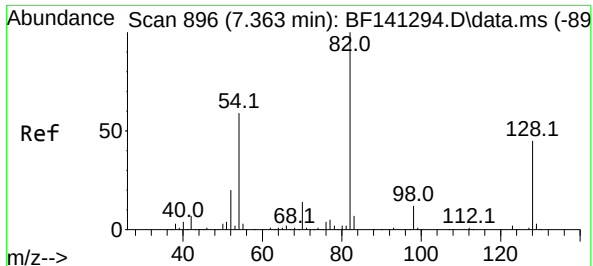


#22
Acetophenone
Concen: 35.637 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:105 Resp: 548834

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.8	10.2
51	41.3	32.6	49.0
120	21.7	17.4	26.0





#23

Nitrobenzene-d5

Concen: 72.918 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

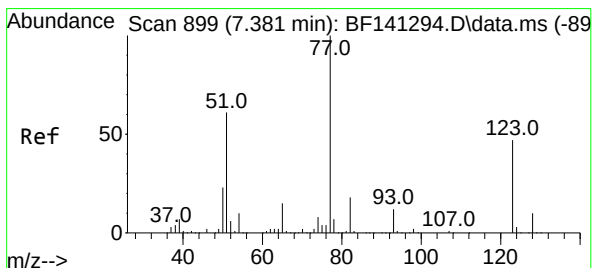
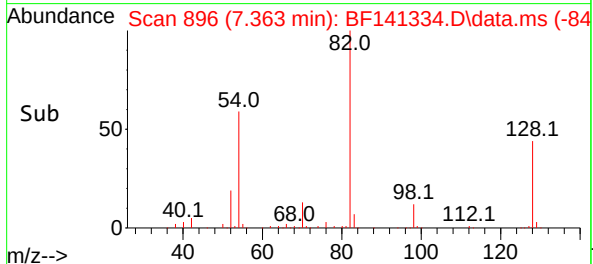
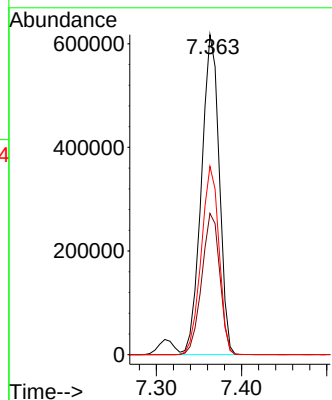
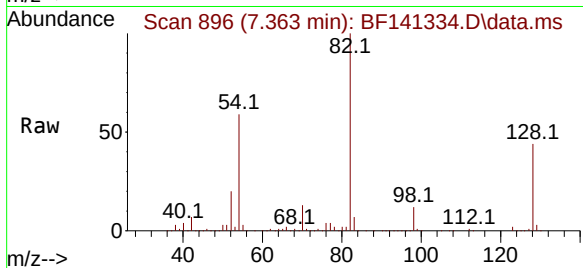
Tgt Ion: 82 Resp: 896200

Ion Ratio Lower Upper

82 100

128 44.2 35.7 53.5

54 58.8 47.1 70.7



#24

Nitrobenzene

Concen: 36.727 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

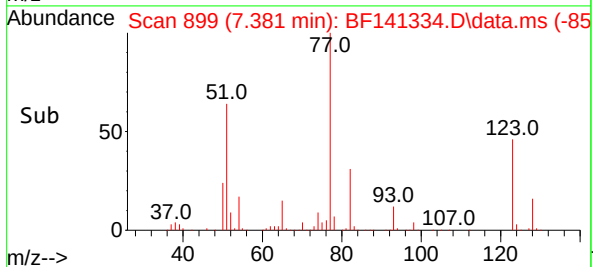
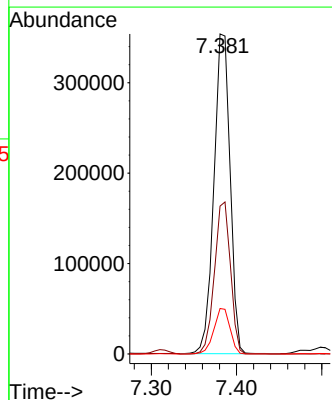
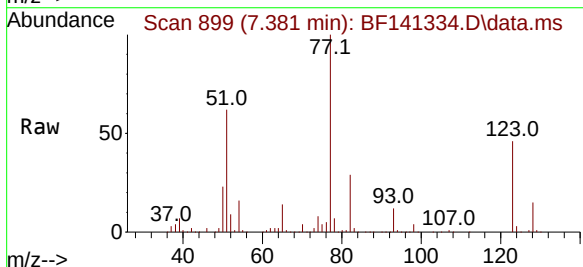
Tgt Ion: 77 Resp: 467777

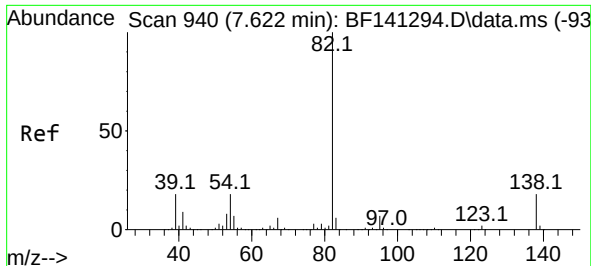
Ion Ratio Lower Upper

77 100

123 46.2 37.3 55.9

65 14.2 11.8 17.6

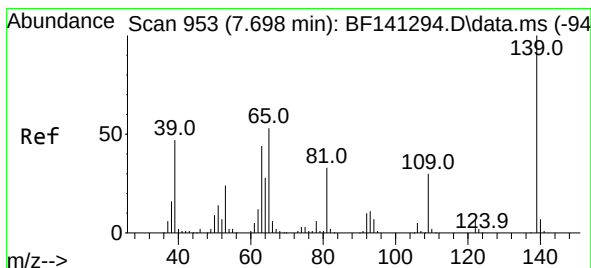
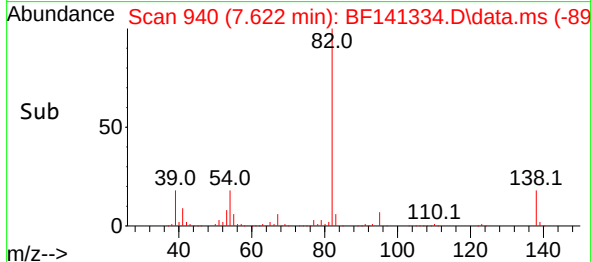
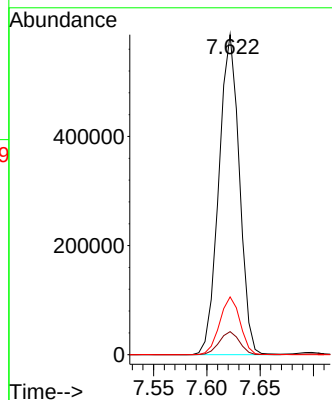
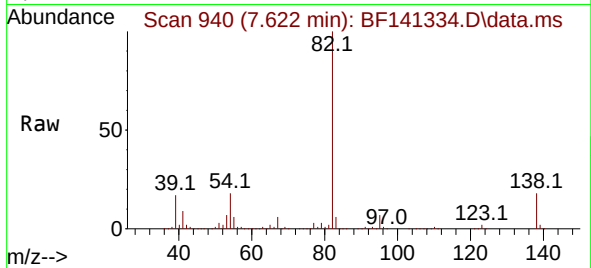




#25
Isophorone
Concen: 36.952 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

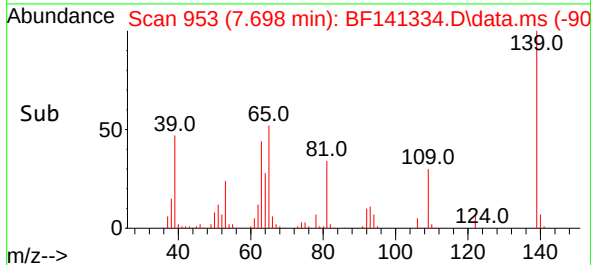
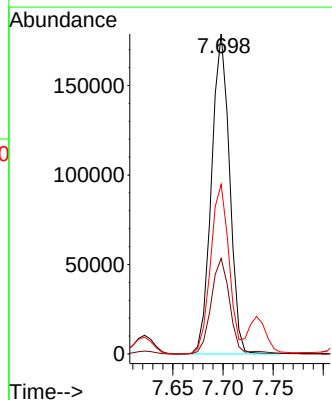
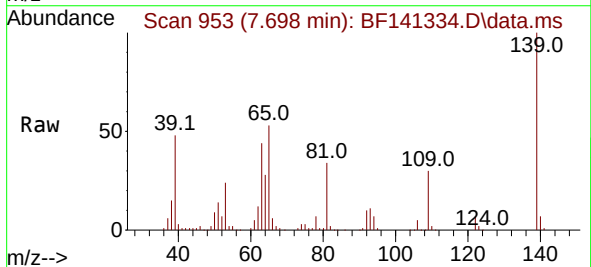
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

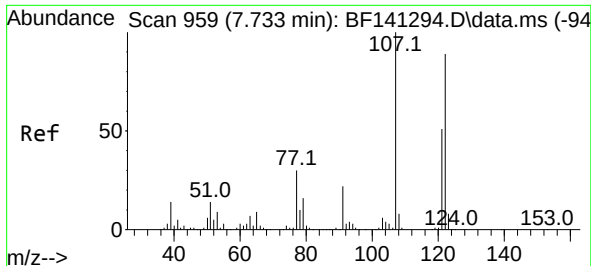
Tgt Ion: 82 Resp: 785054
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.1 14.7 22.1



#26
2-Nitrophenol
Concen: 37.318 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:139 Resp: 224162
Ion Ratio Lower Upper
139 100
109 29.9 23.8 35.6
65 53.0 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 34.300 ng

RT: 7.733 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141334.D

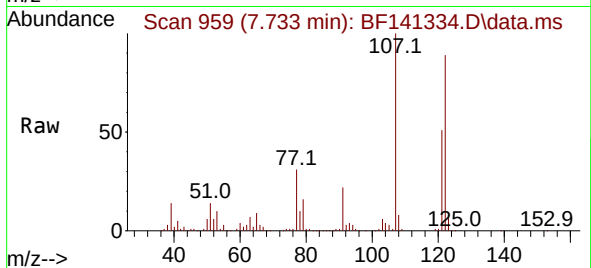
Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



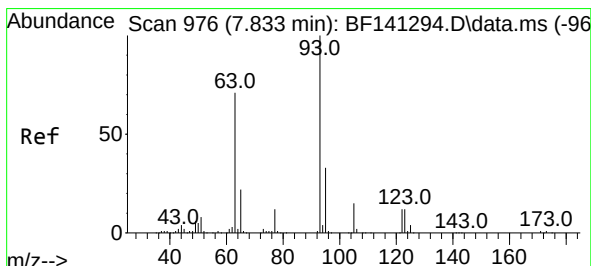
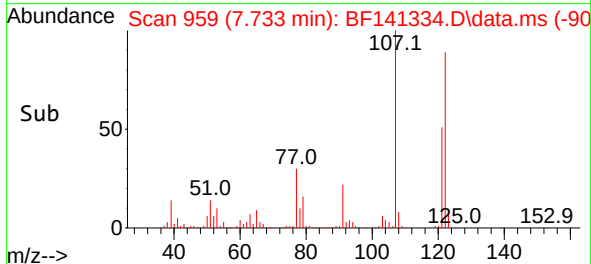
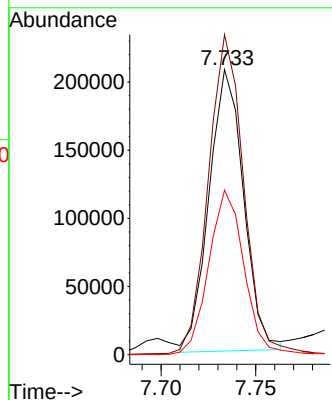
Tgt Ion:122 Resp: 262245

Ion Ratio Lower Upper

122 100

107 112.2 89.9 134.9

121 57.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 36.489 ng

RT: 7.833 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

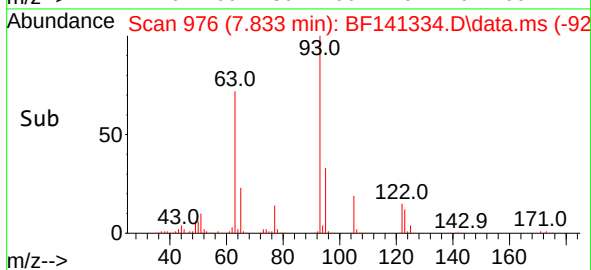
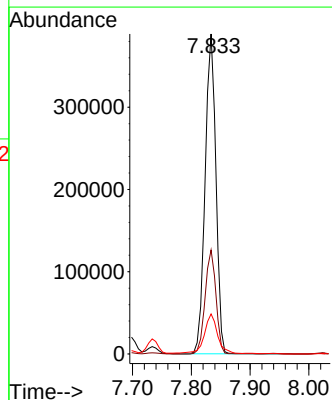
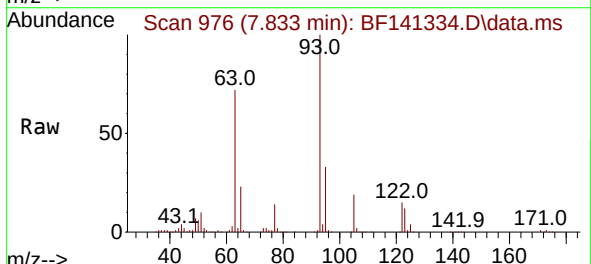
Tgt Ion: 93 Resp: 494480

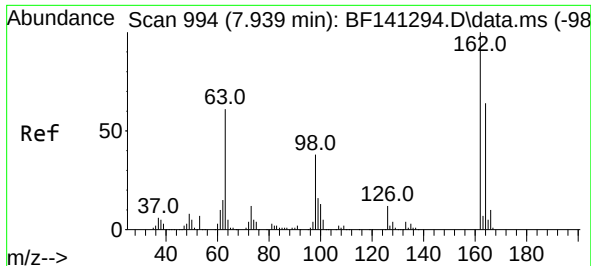
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.5 10.2 15.4

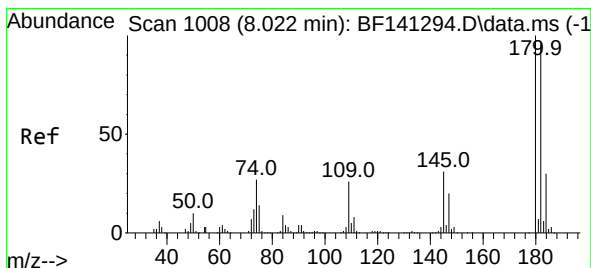
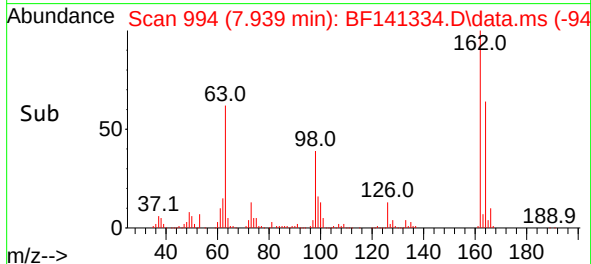
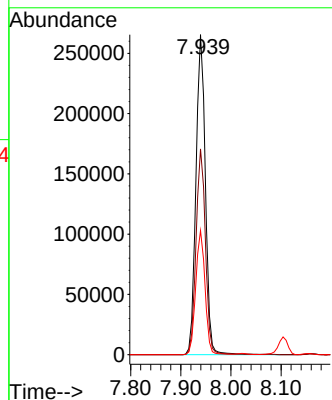
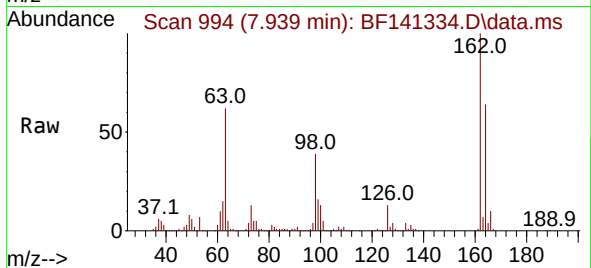




#29
2,4-Dichlorophenol
Concen: 37.008 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

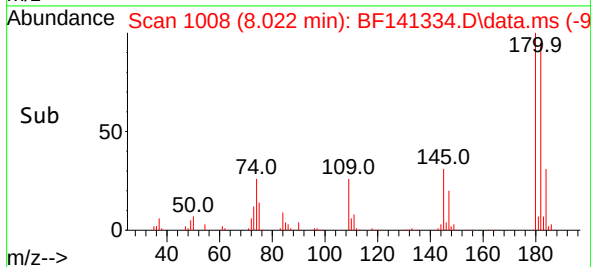
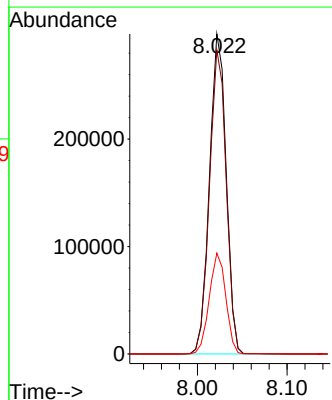
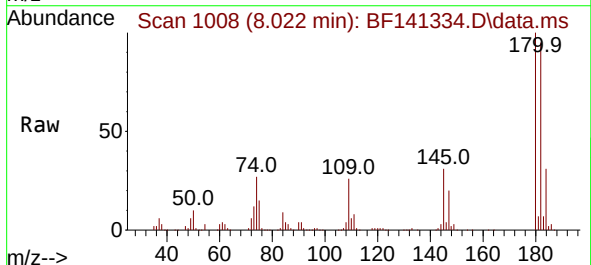
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

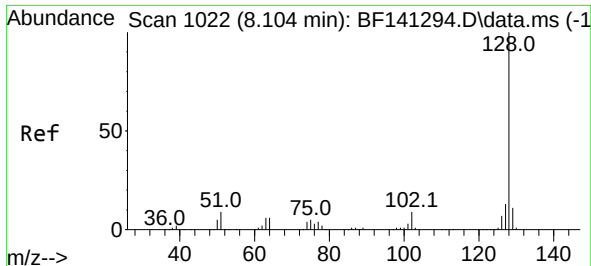
Tgt Ion:162 Resp: 346397
Ion Ratio Lower Upper
162 100
164 64.3 44.2 84.2
98 38.8 18.2 58.2



#30
1,2,4-Trichlorobenzene
Concen: 36.030 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:180 Resp: 385139
Ion Ratio Lower Upper
180 100
182 95.0 76.4 114.6
145 31.5 24.9 37.3

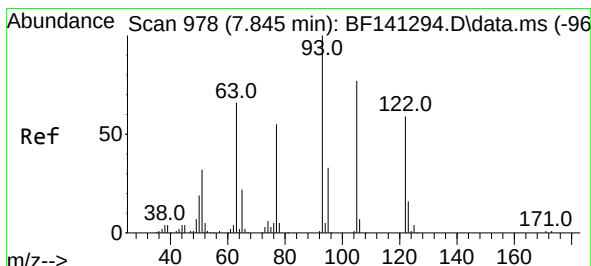
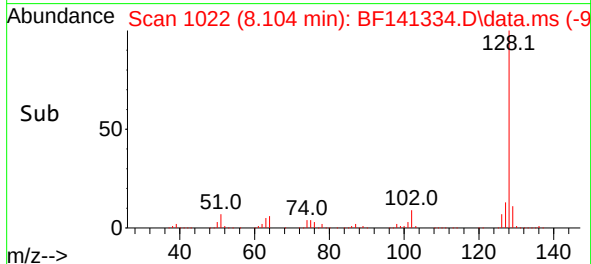
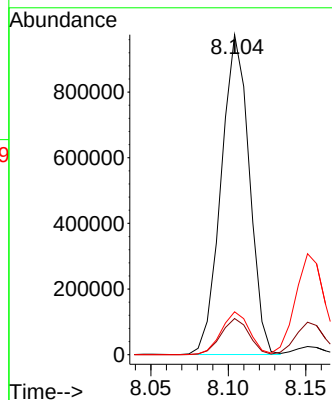
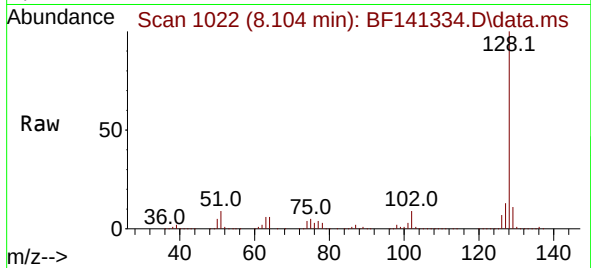




#31
Naphthalene
Concen: 35.989 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

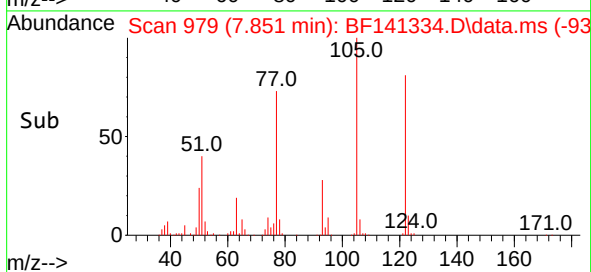
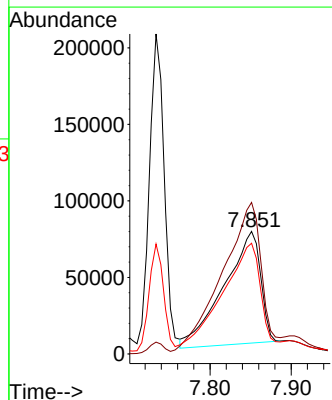
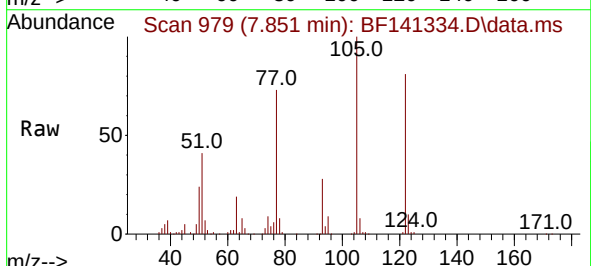
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

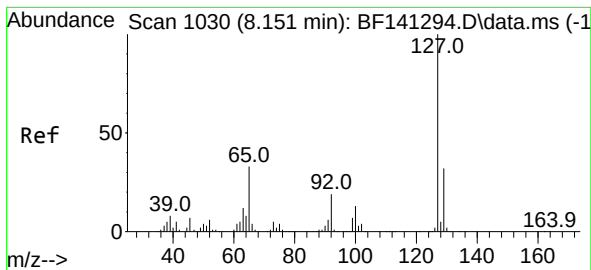
Tgt Ion:128 Resp: 1231790
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 32.621 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:122 Resp: 229274
Ion Ratio Lower Upper
122 100
105 123.7 103.4 143.4
77 90.4 70.9 110.9

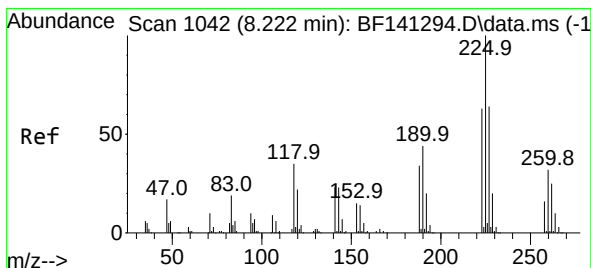
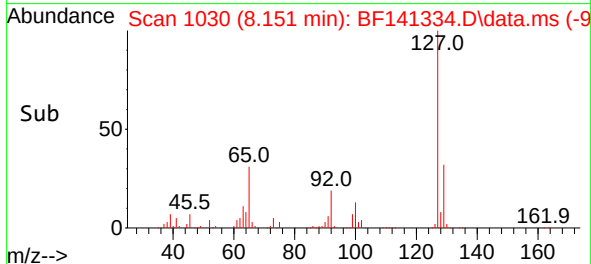
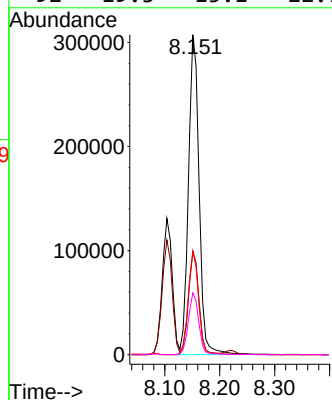
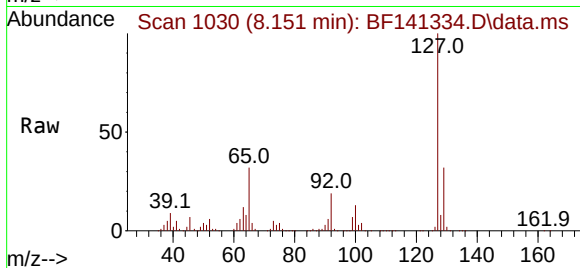




#33
4-Chloroaniline
Concen: 35.481 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

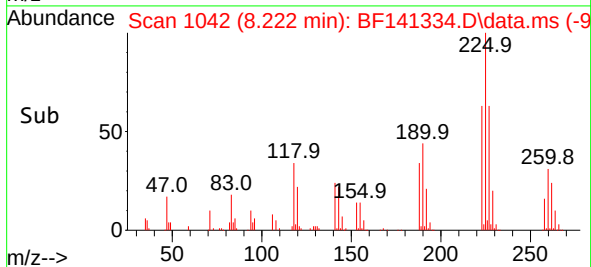
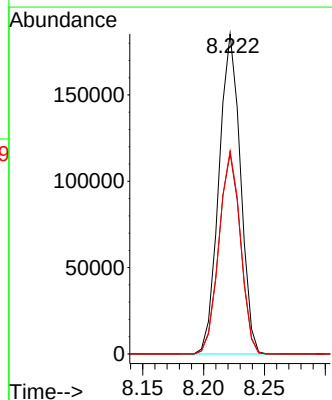
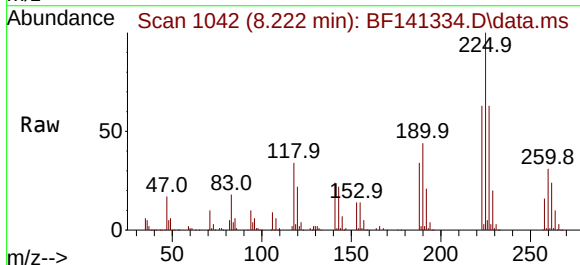
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

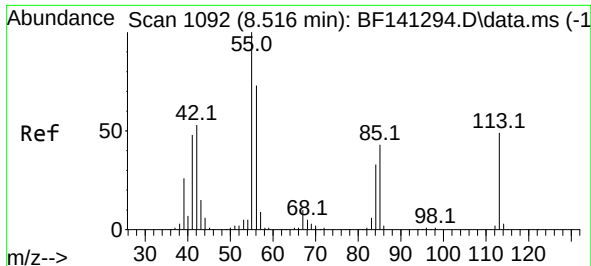
Tgt Ion:	127	Resp:	411817
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	32.4	26.4	39.6
92	19.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 36.308 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:	225	Resp:	227599
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6
227	63.5	51.3	76.9

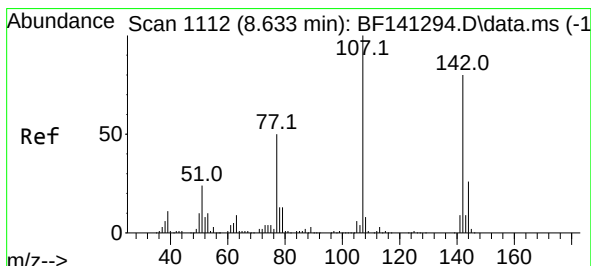
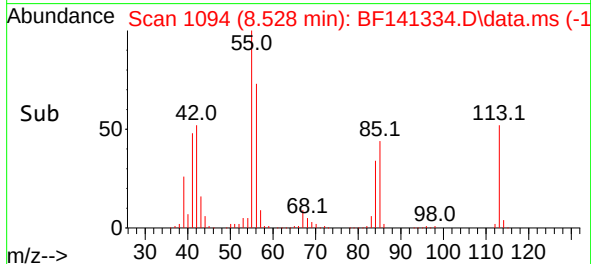
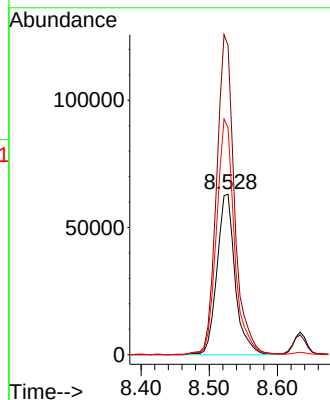
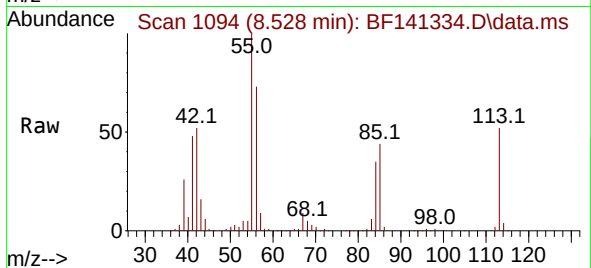




#35
 Caprolactam
 Concen: 38.166 ng
 RT: 8.528 min Scan# 1094
 Delta R.T. -0.018 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

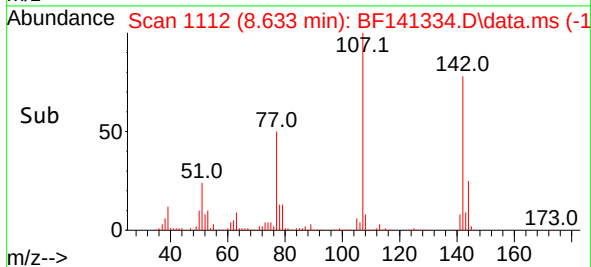
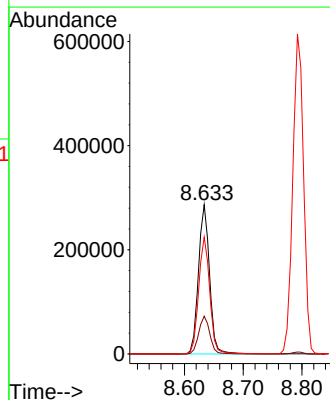
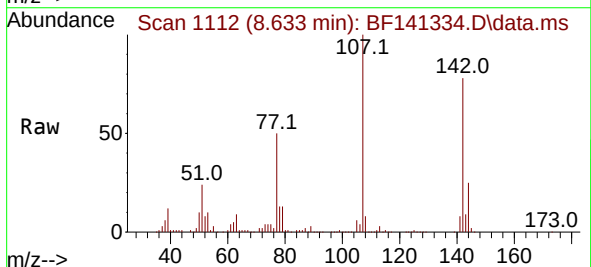
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

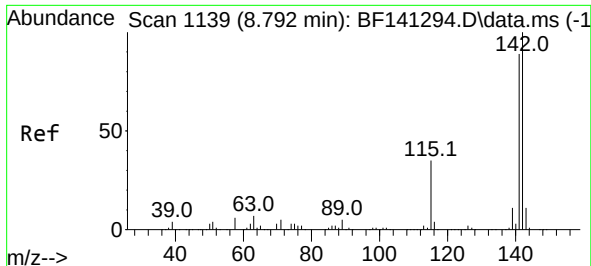
Tgt Ion:113 Resp: 116667
 Ion Ratio Lower Upper
 113 100
 55 192.5 182.9 222.9
 56 141.4 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 37.503 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Tgt Ion:107 Resp: 376529
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.7 31.1
 142 78.3 63.8 95.8

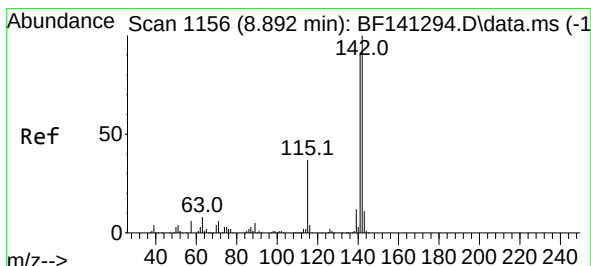
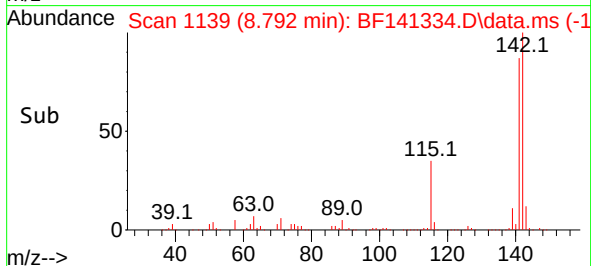
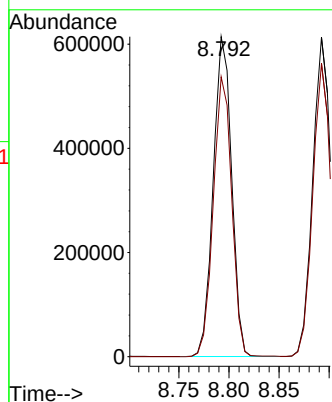
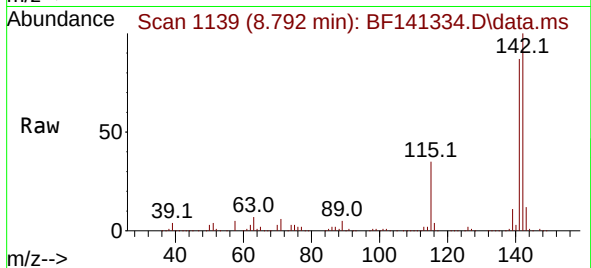




#37
2-Methylnaphthalene
Concen: 35.969 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

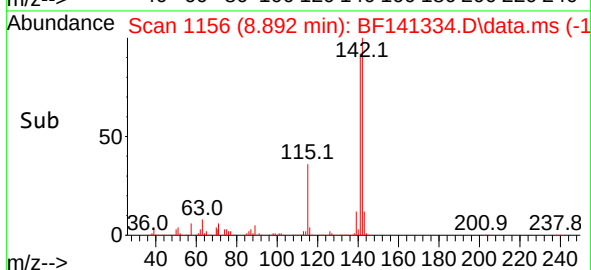
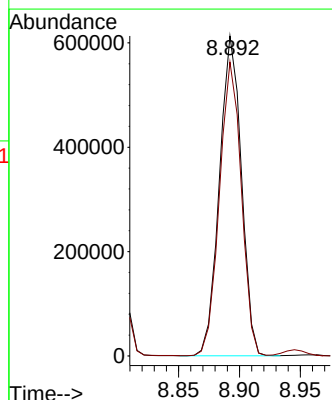
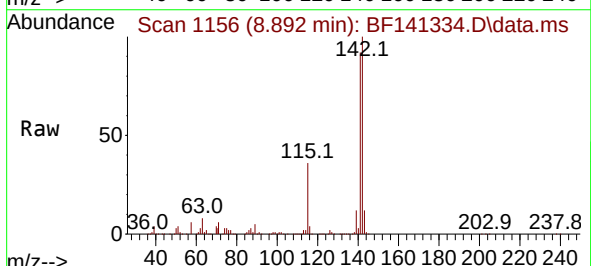
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

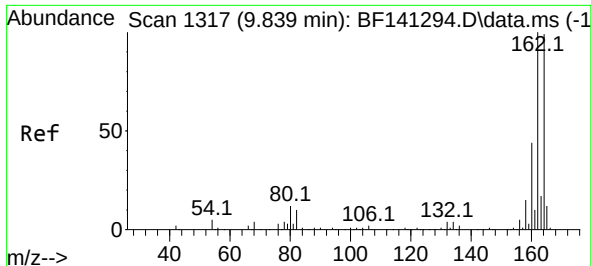
Tgt Ion:142 Resp: 782487
Ion Ratio Lower Upper
142 100
141 87.4 71.3 106.9



#38
1-Methylnaphthalene
Concen: 35.916 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:142 Resp: 767501
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

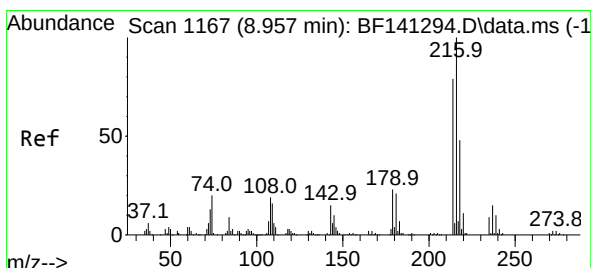
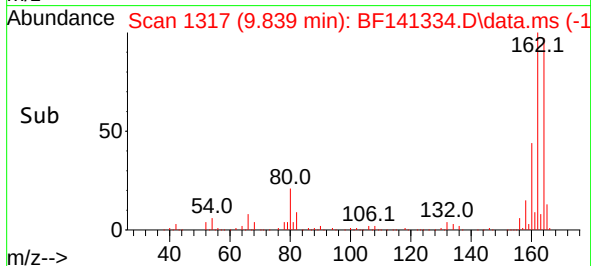
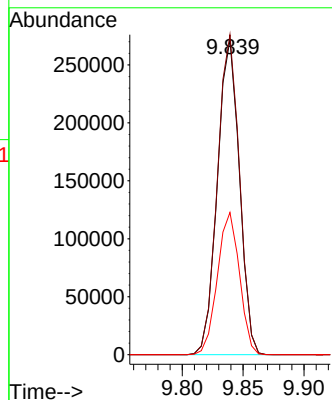
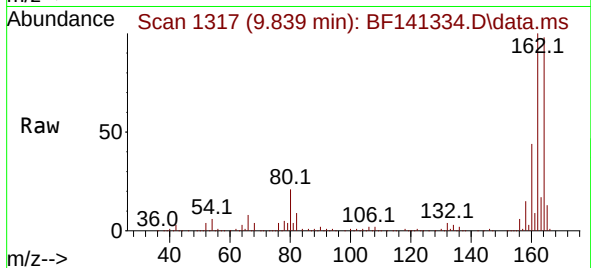
Tgt Ion:164 Resp: 341541

Ion Ratio Lower Upper

164 100

162 101.6 80.6 121.0

160 45.1 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.817 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Tgt Ion:216 Resp: 357735

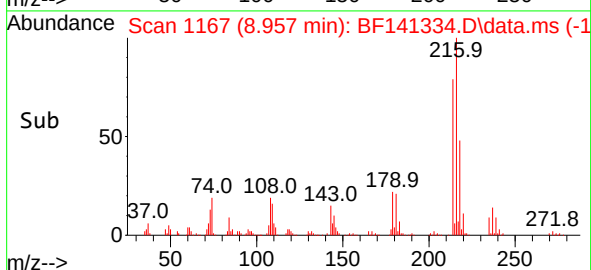
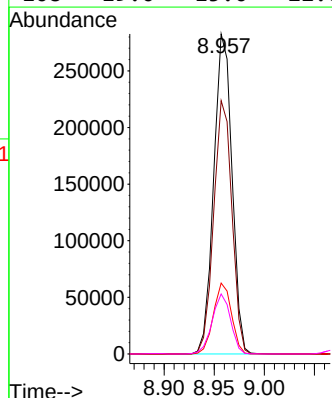
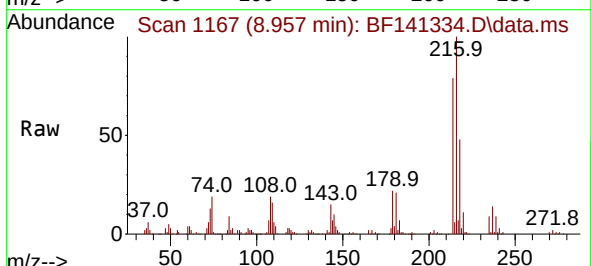
Ion Ratio Lower Upper

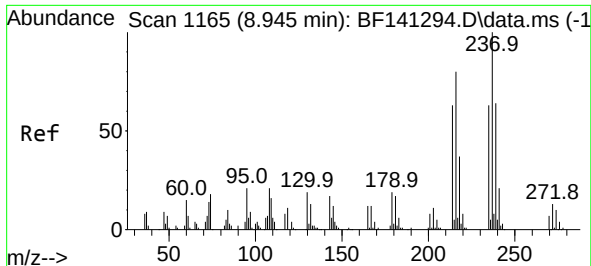
216 100

214 79.0 63.2 94.8

179 21.9 17.8 26.8

108 19.0 15.0 22.6

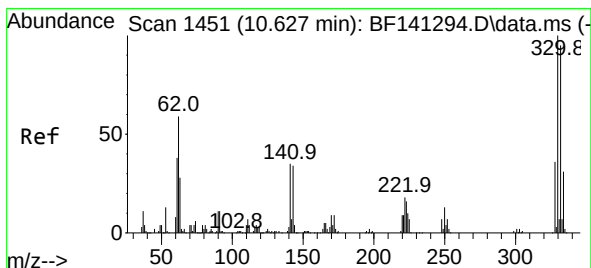
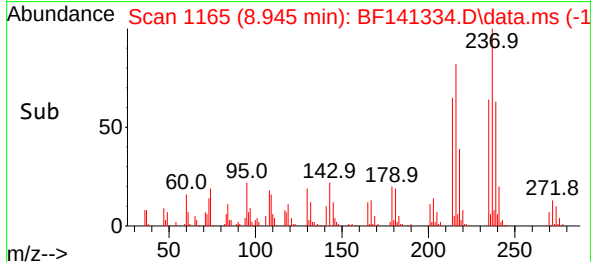
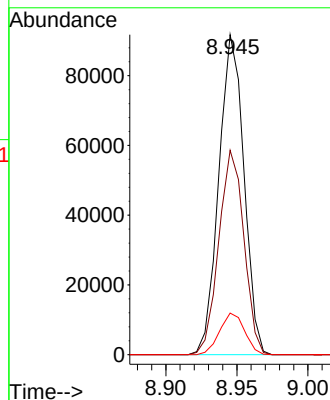
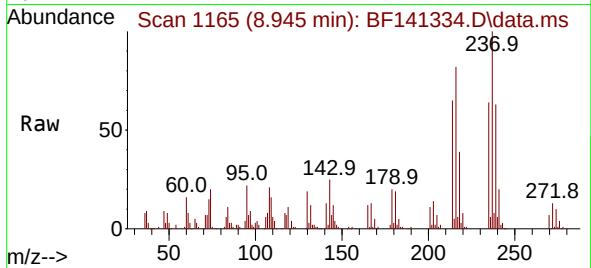




#41
Hexachlorocyclopentadiene
Concen: 39.297 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

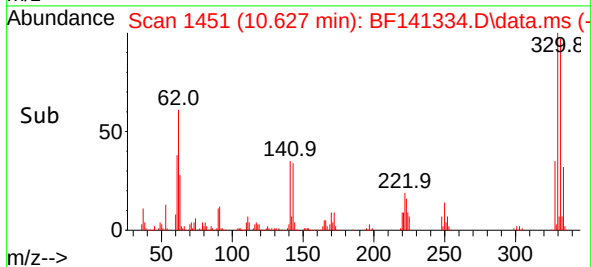
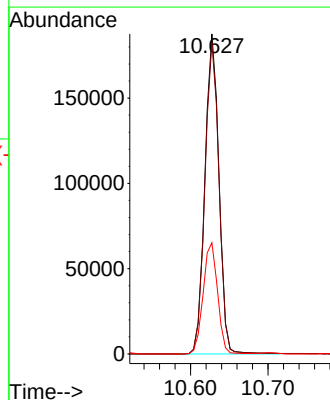
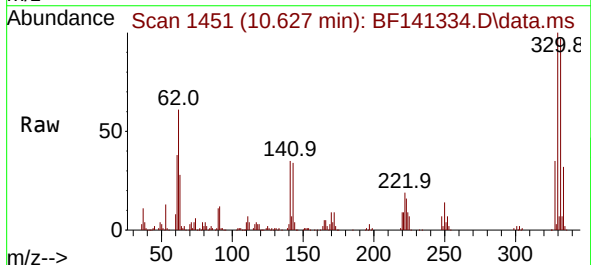
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

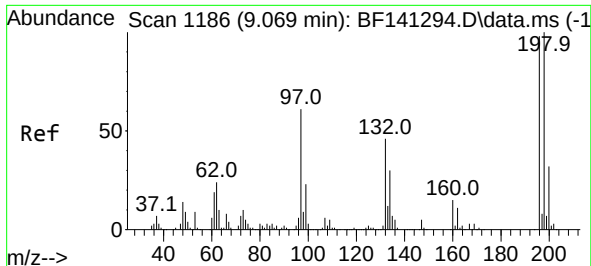
Tgt Ion:237 Resp: 112765
Ion Ratio Lower Upper
237 100
235 63.8 42.9 82.9
272 13.0 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 75.335 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

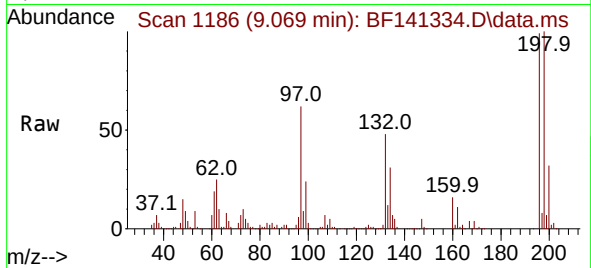
Tgt Ion:330 Resp: 235886
Ion Ratio Lower Upper
330 100
332 97.6 76.1 114.1
141 35.7 28.8 43.2



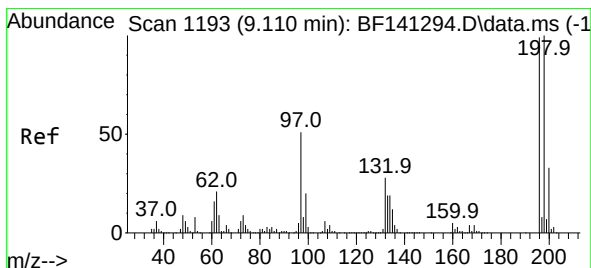
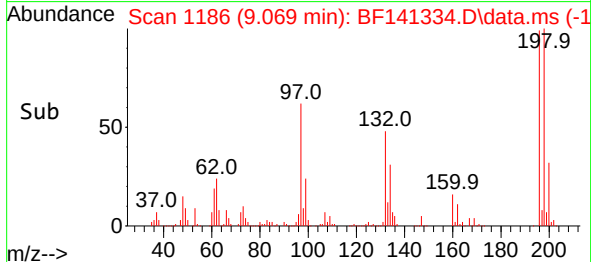
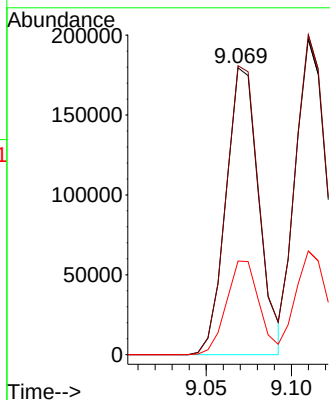


#43
2,4,6-Trichlorophenol
Concen: 38.014 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

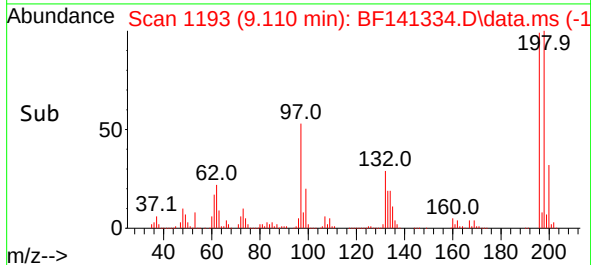
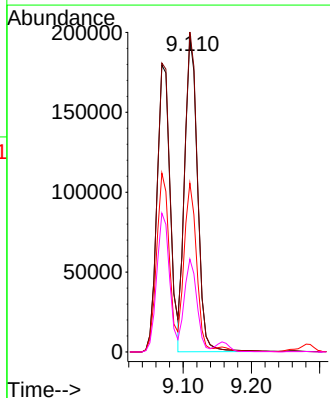
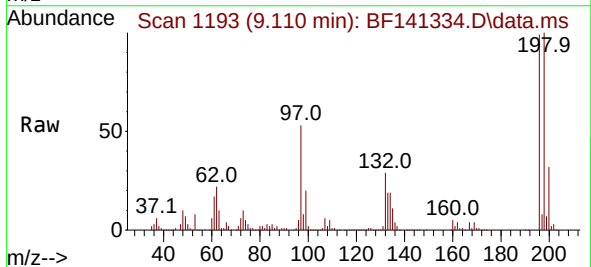


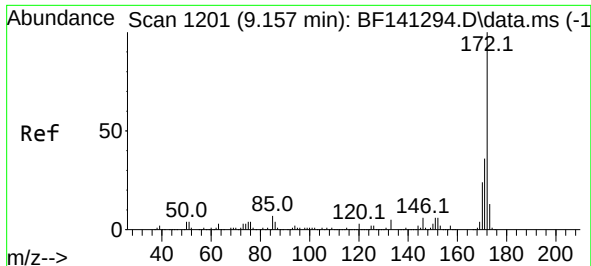
Tgt Ion:196 Resp: 241760
Ion Ratio Lower Upper
196 100
198 100.7 81.8 122.6
200 32.6 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 37.124 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:196 Resp: 256970
Ion Ratio Lower Upper
196 100
198 101.4 80.5 120.7
97 53.5 42.8 64.2
132 29.4 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 70.424 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

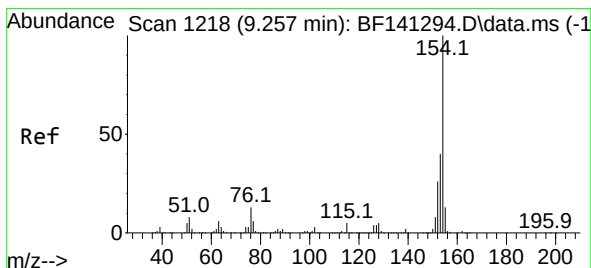
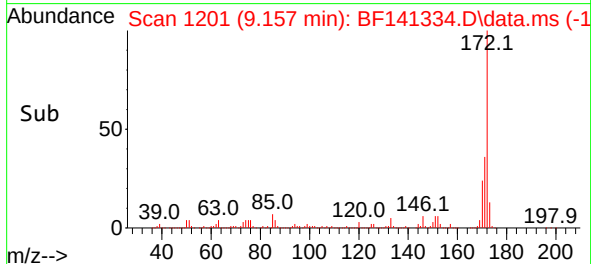
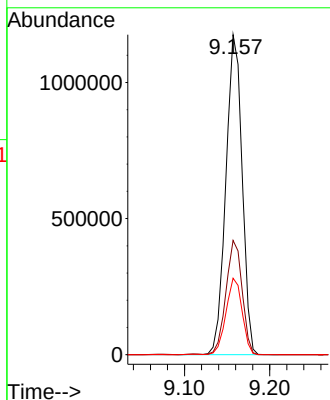
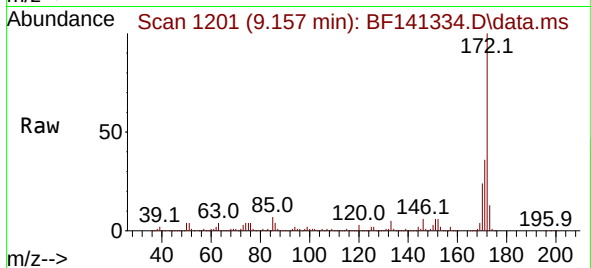
Tgt Ion:172 Resp: 1562690

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 36.082 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

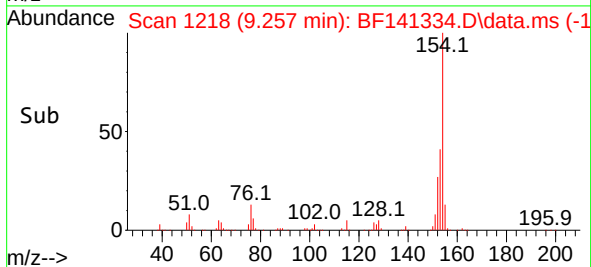
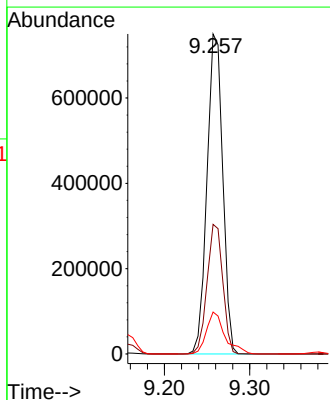
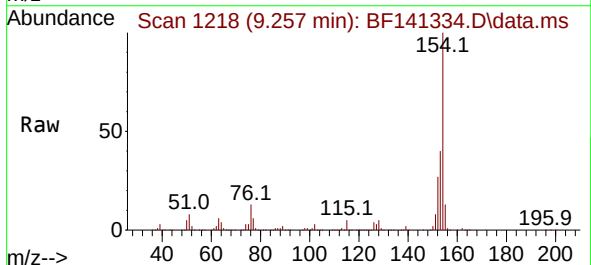
Tgt Ion:154 Resp: 961081

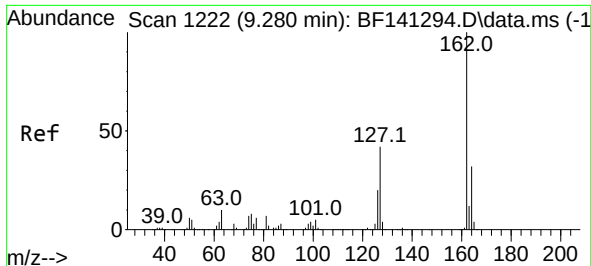
Ion Ratio Lower Upper

154 100

153 40.5 20.0 60.0

76 13.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 36.046 ng

RT: 9.286 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

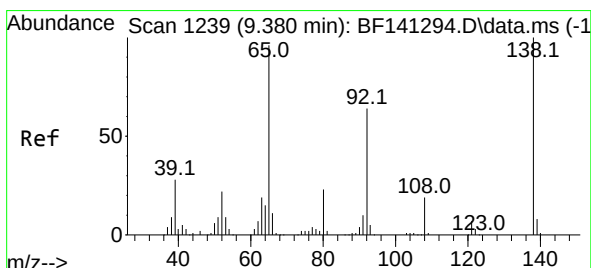
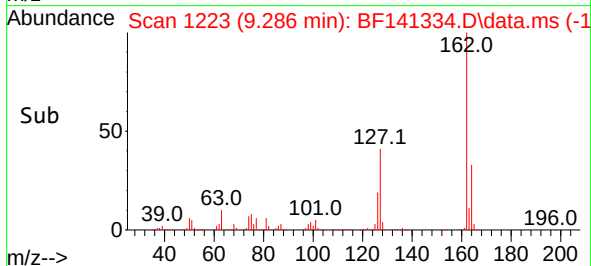
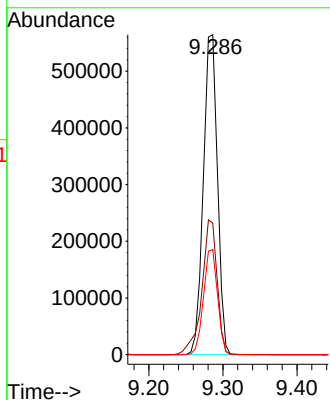
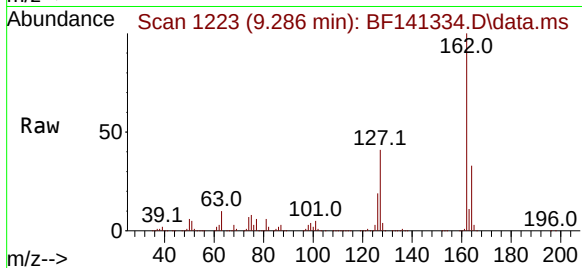
Tgt Ion:162 Resp: 748367

Ion Ratio Lower Upper

162 100

127 41.1 33.7 50.5

164 32.8 25.9 38.9



#48

2-Nitroaniline

Concen: 37.746 ng

RT: 9.380 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

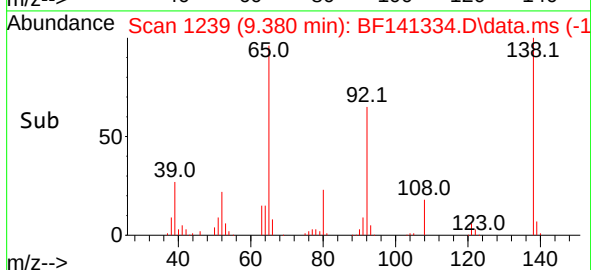
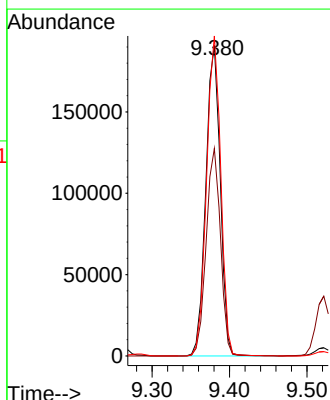
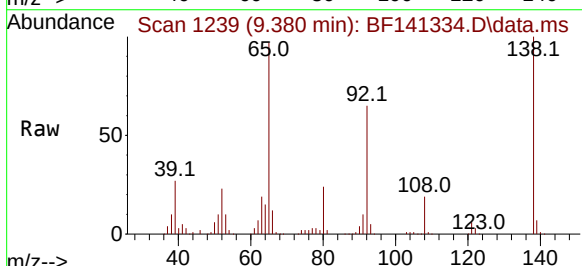
Tgt Ion: 65 Resp: 246493

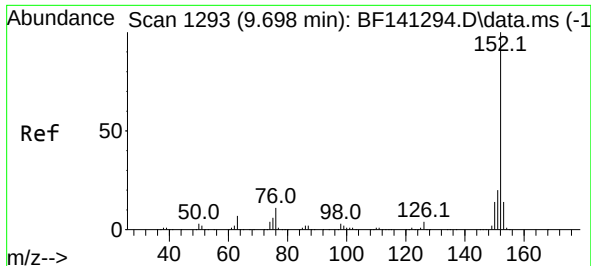
Ion Ratio Lower Upper

65 100

92 66.8 53.3 79.9

138 103.1 83.6 125.4

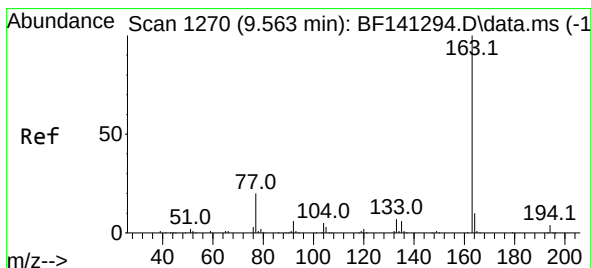
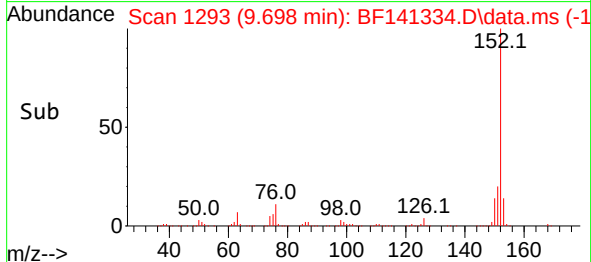
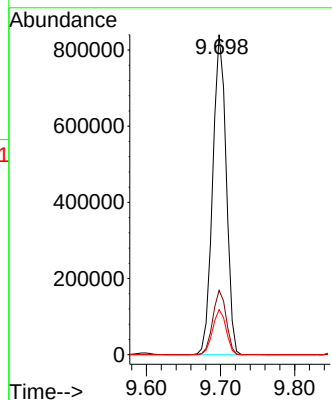
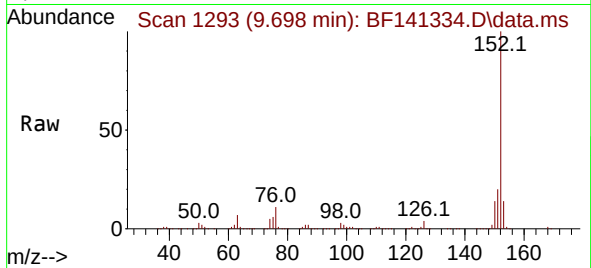




#49
Acenaphthylene
Concen: 36.509 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

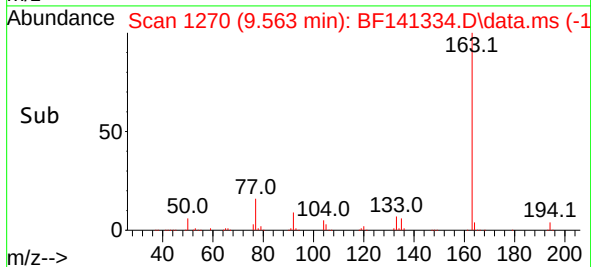
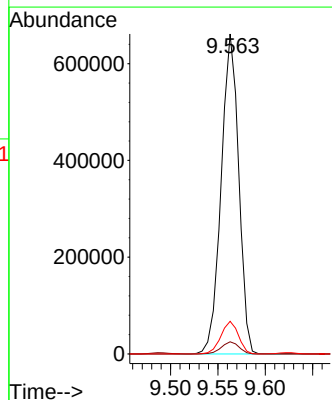
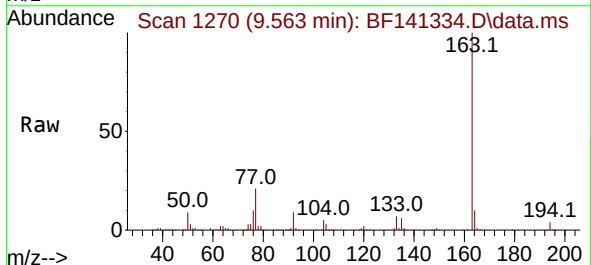
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

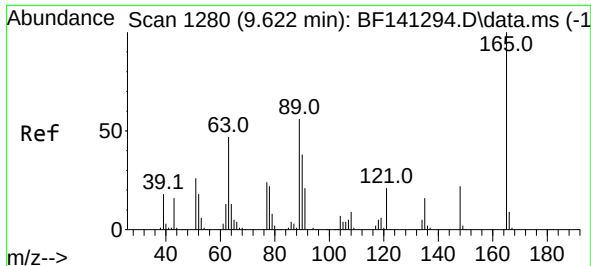
Tgt Ion:152 Resp: 1061017
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 14.1 11.0 16.6



#50
Dimethylphthalate
Concen: 36.994 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:163 Resp: 853360
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.0 12.0

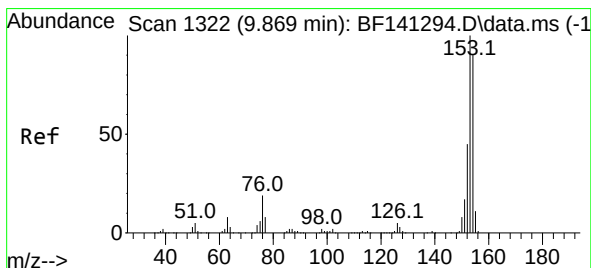
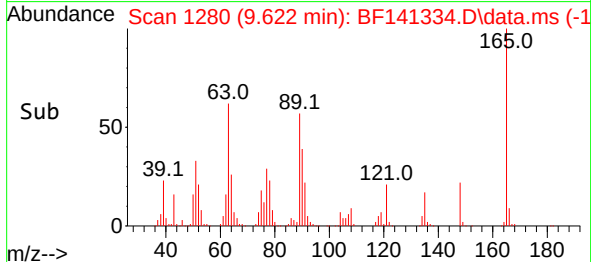
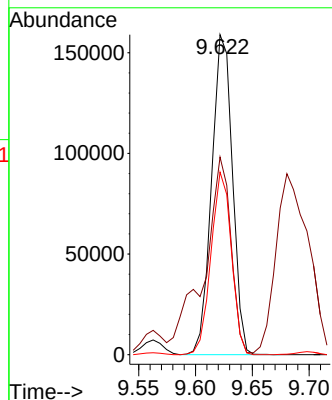
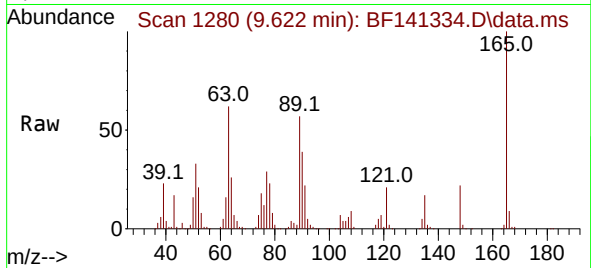




#51
2,6-Dinitrotoluene
Concen: 37.813 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

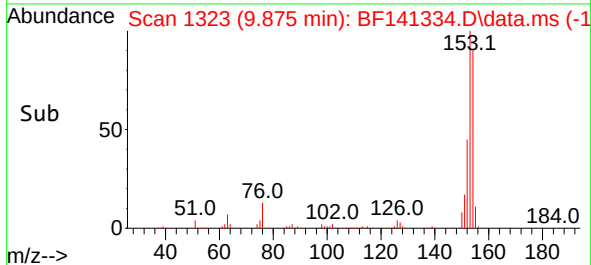
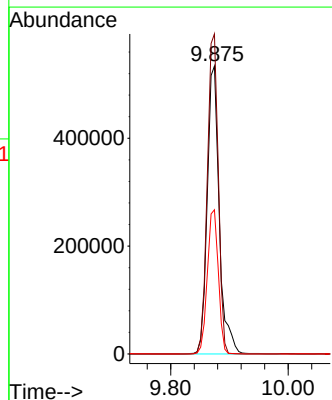
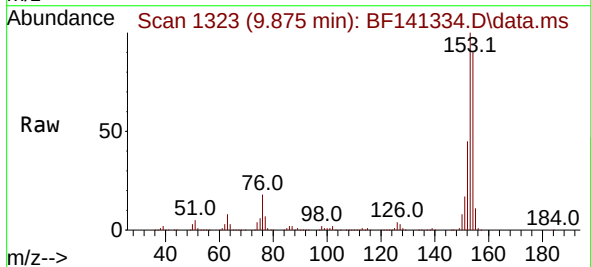
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

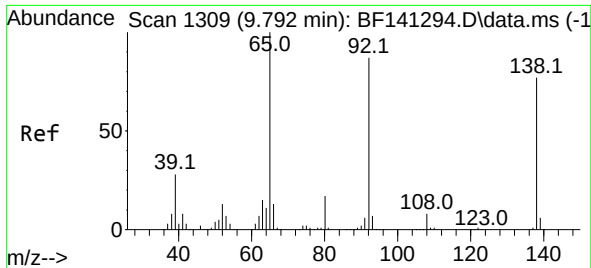
Tgt Ion:165 Resp: 202525
Ion Ratio Lower Upper
165 100
63 61.8 48.1 72.1
89 57.1 44.9 67.3



#52
Acenaphthene
Concen: 36.678 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:154 Resp: 761516
Ion Ratio Lower Upper
154 100
153 111.2 89.0 133.4
152 50.1 40.2 60.4

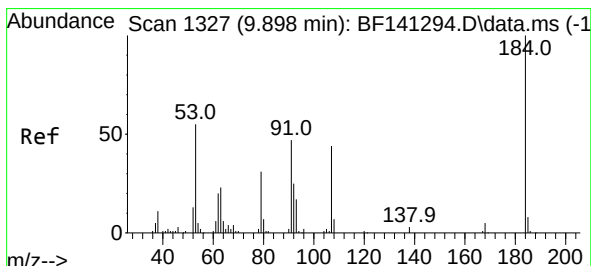
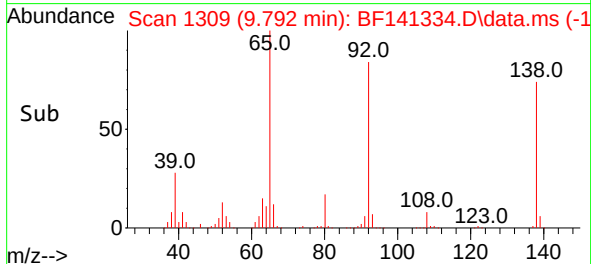
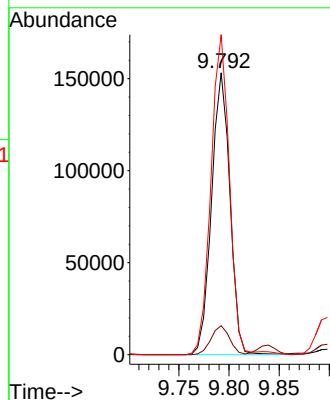
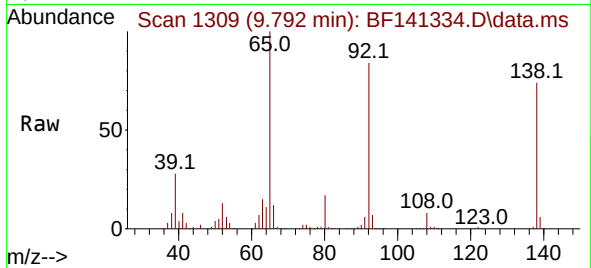




#53
3-Nitroaniline
Concen: 37.207 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

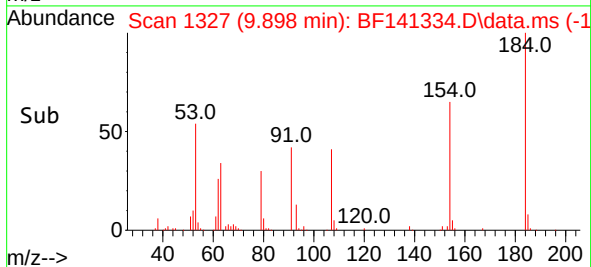
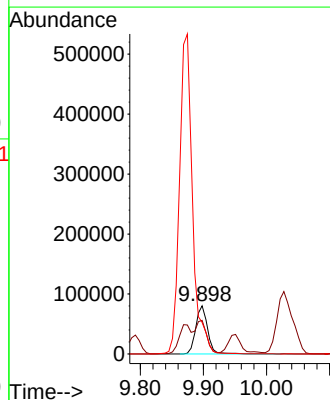
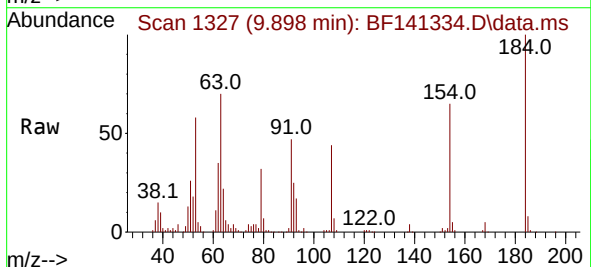
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

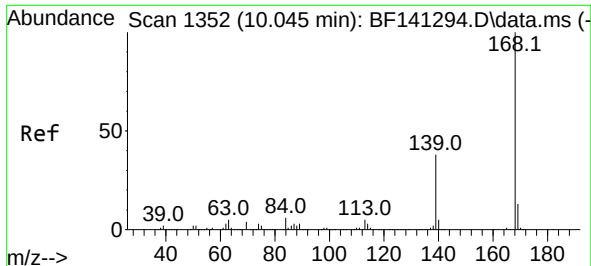
Tgt Ion:138 Resp: 195318
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 113.5 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 41.956 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:184 Resp: 104461
Ion Ratio Lower Upper
184 100
63 69.8 54.1 81.1
154 65.4 50.7 76.1

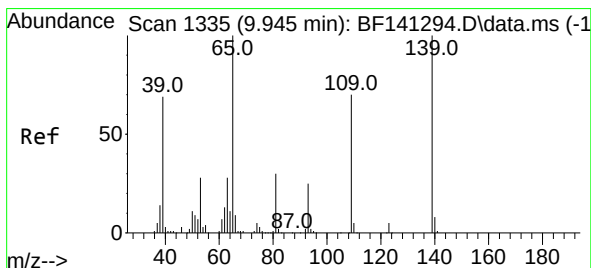
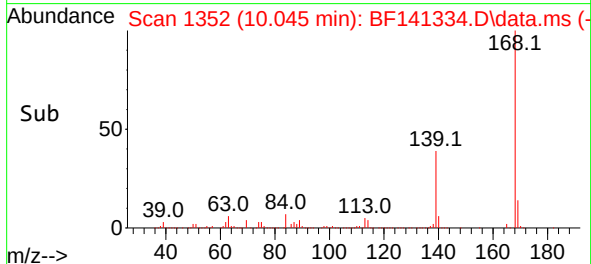
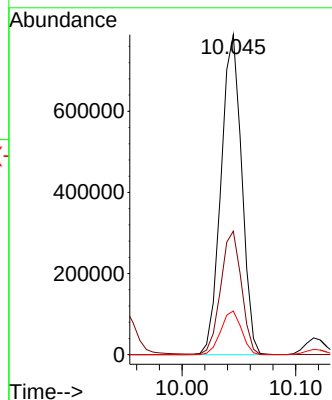
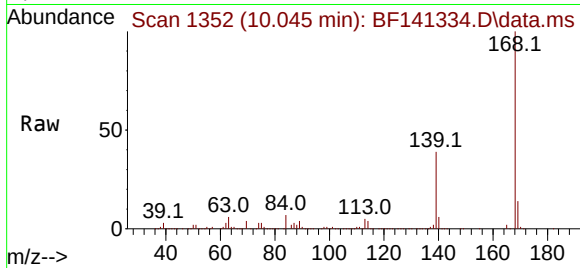




#55
Dibenzenofuran
Concen: 35.957 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

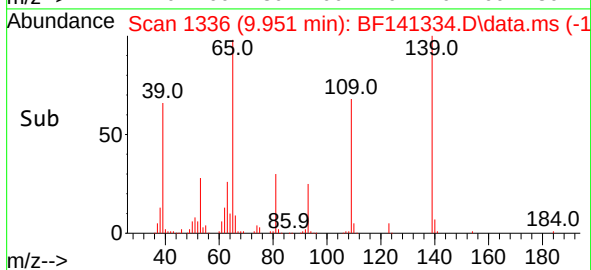
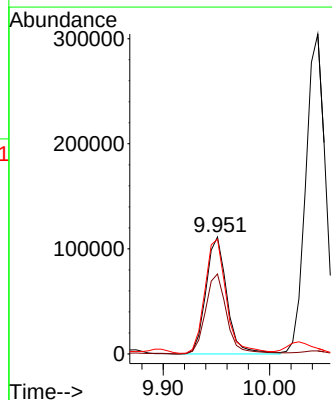
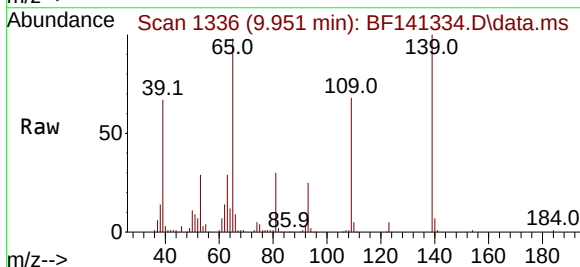
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

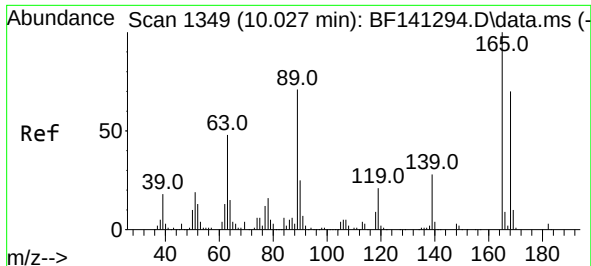
Tgt Ion:168 Resp: 999283
Ion Ratio Lower Upper
168 100
139 38.6 30.6 46.0
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 39.808 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:139 Resp: 152830
Ion Ratio Lower Upper
139 100
109 68.4 50.2 90.2
65 98.2 80.6 120.6

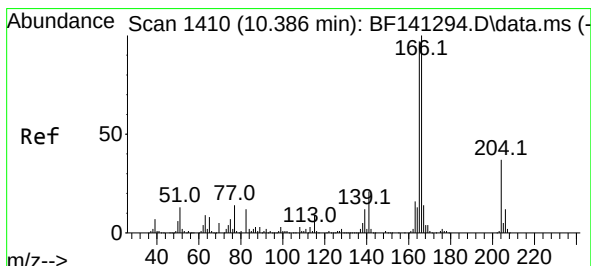
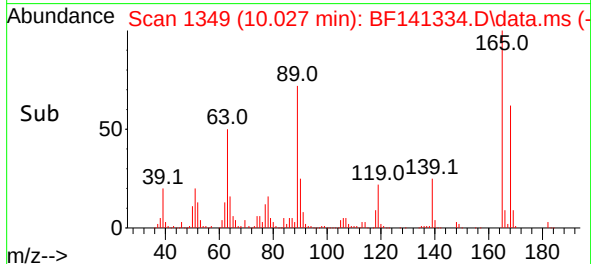
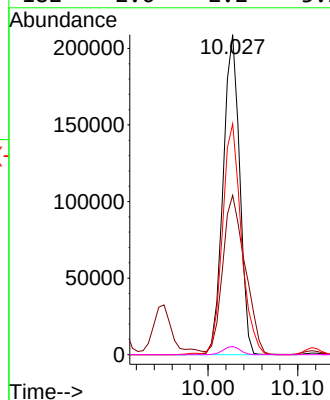
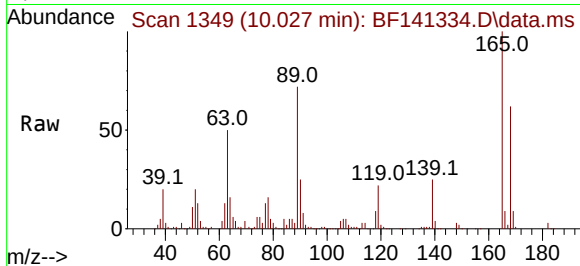




#57
2,4-Dinitrotoluene
Concen: 38.519 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

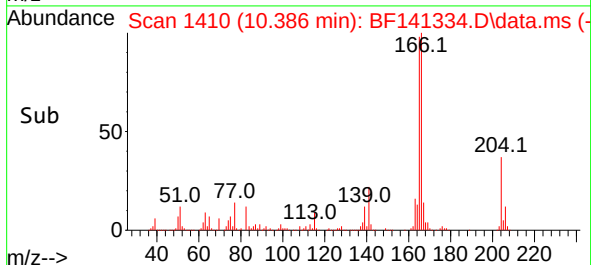
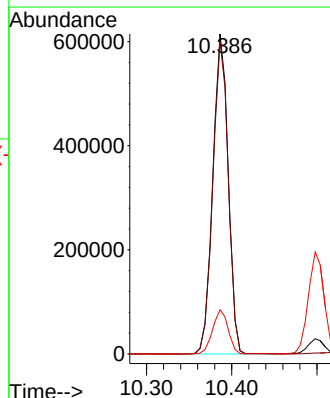
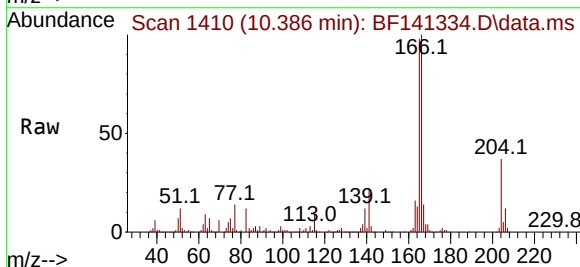
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

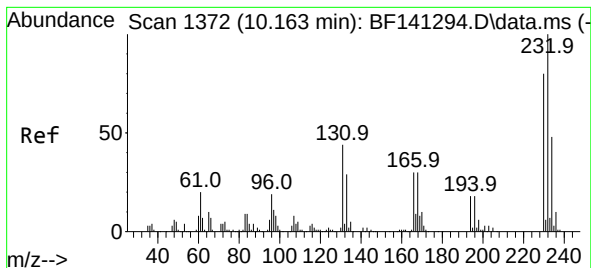
Tgt Ion:165 Resp: 267112
Ion Ratio Lower Upper
165 100
63 49.8 39.2 58.8
89 72.2 56.9 85.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 35.892 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:166 Resp: 773726
Ion Ratio Lower Upper
166 100
165 97.7 77.5 116.3
167 13.8 10.9 16.3

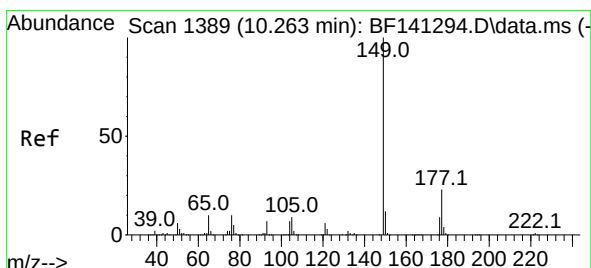
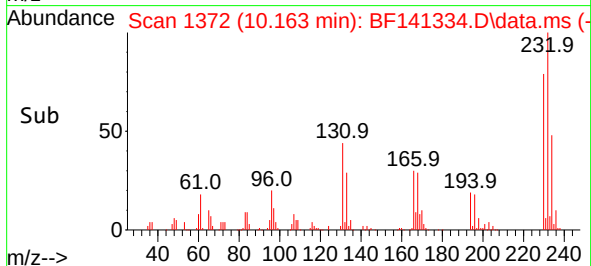
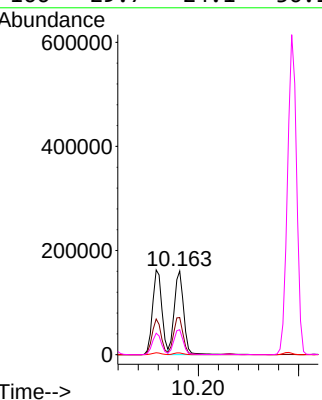
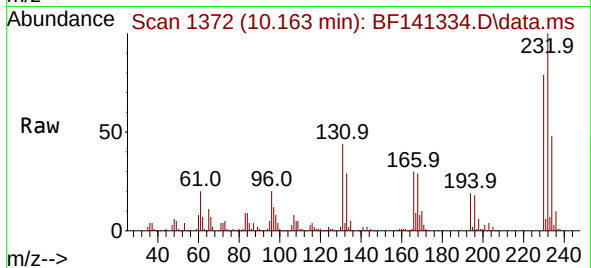




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.450 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

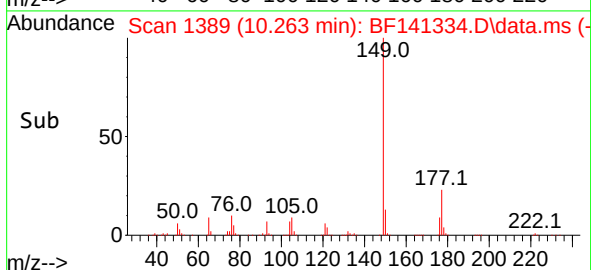
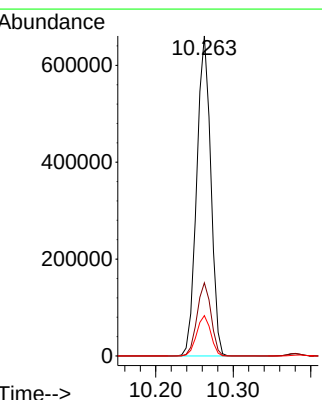
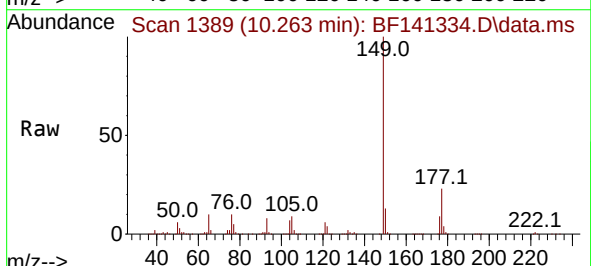
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

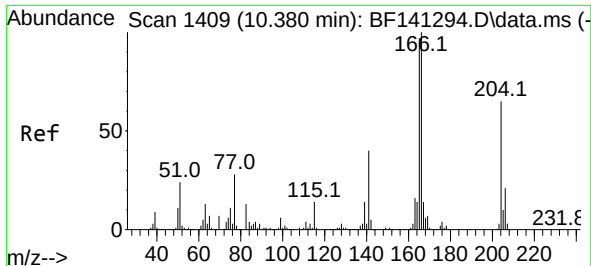
Tgt Ion:232 Resp: 209383
Ion Ratio Lower Upper
232 100
131 45.2 36.4 54.6
130 2.2 1.9 2.9
166 29.7 24.1 36.1



#60
Diethylphthalate
Concen: 37.205 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 832152
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.6 10.0 15.0

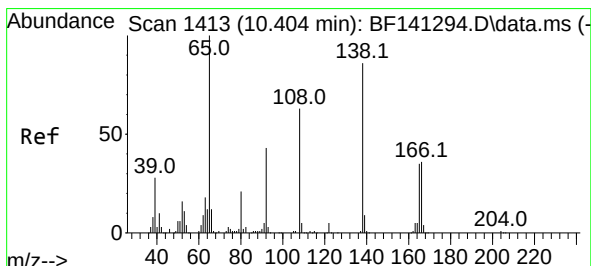
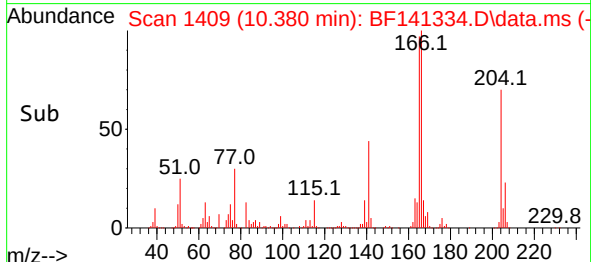
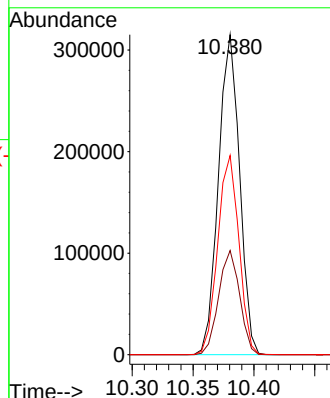
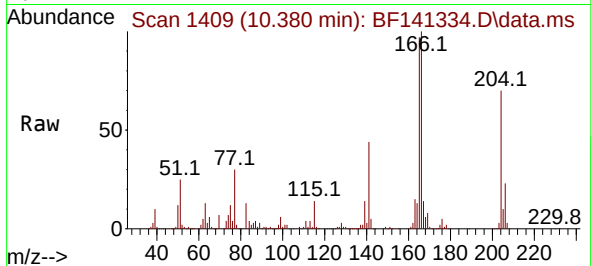




#61
4-Chlorophenyl-phenylether
Concen: 36.147 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

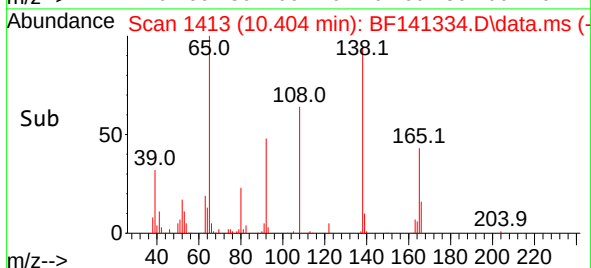
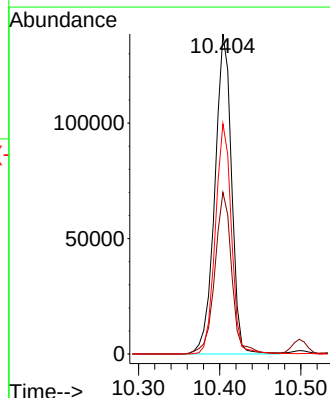
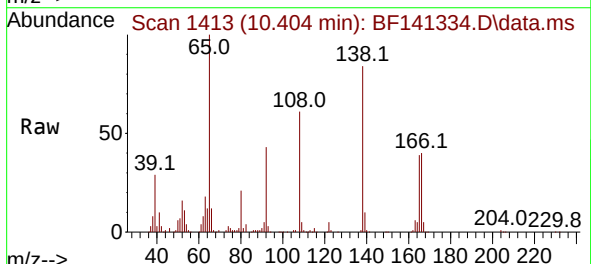
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

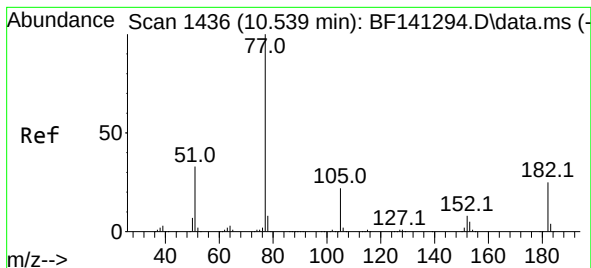
Tgt Ion:204 Resp: 380628
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 62.2 49.5 74.3



#62
4-Nitroaniline
Concen: 38.469 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:138 Resp: 198535
Ion Ratio Lower Upper
138 100
92 50.5 30.1 70.1
108 71.9 53.1 93.1

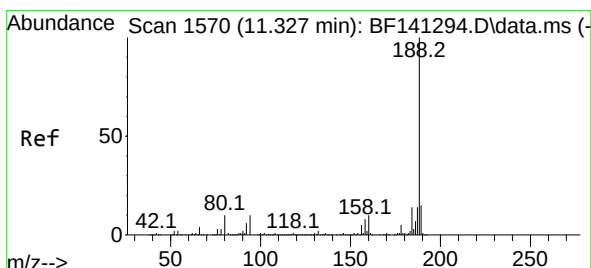
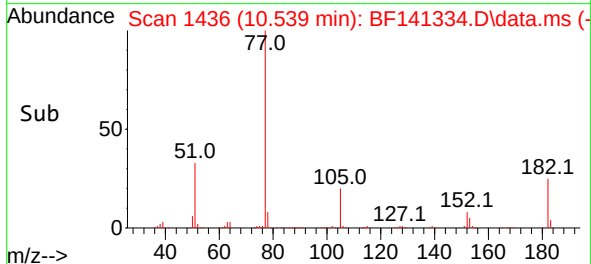
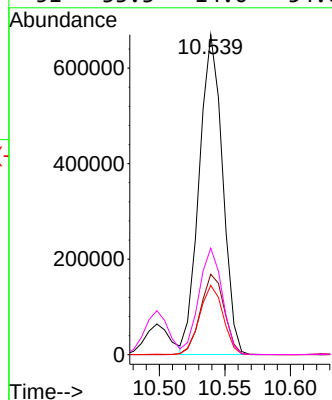
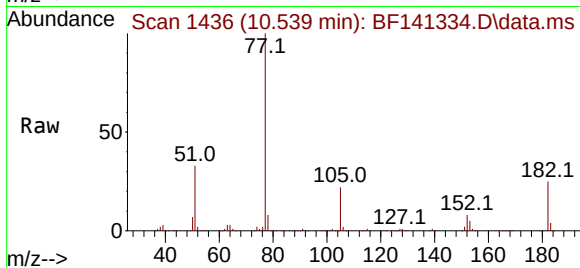




#63
Azobenzene
Concen: 37.160 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

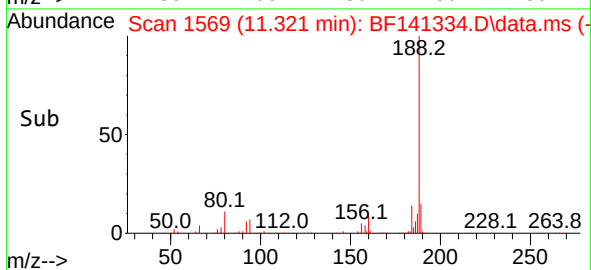
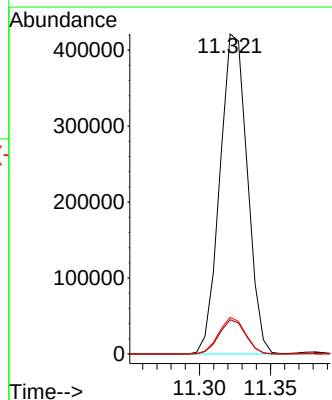
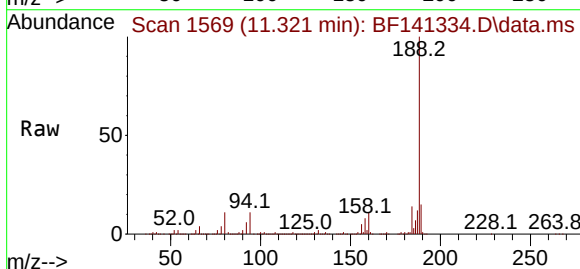
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

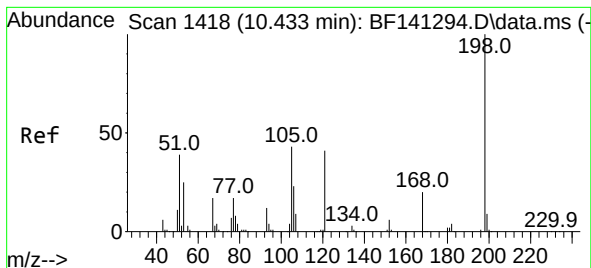
Tgt Ion: 77	Resp: 831958
Ion Ratio	Lower Upper
77 100	
182 25.1	5.1 45.1
105 21.7	1.8 41.8
51 33.3	14.0 54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:188	Resp: 566479
Ion Ratio	Lower Upper
188 100	
94 10.7	7.8 11.6
80 11.4	8.2 12.4

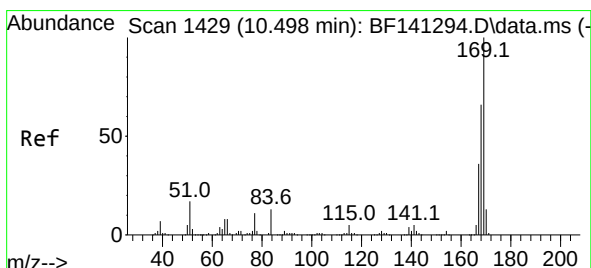
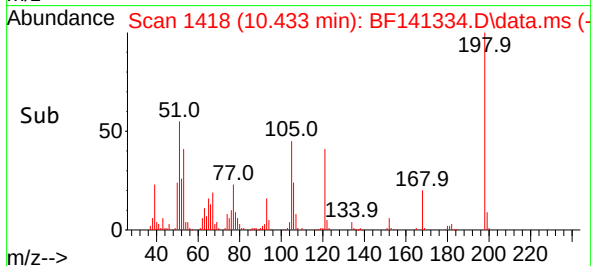
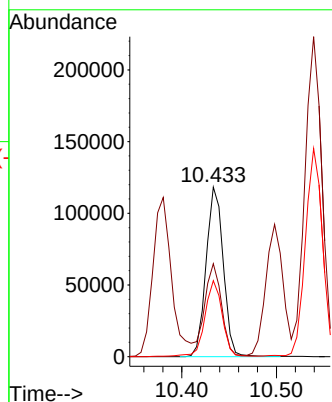
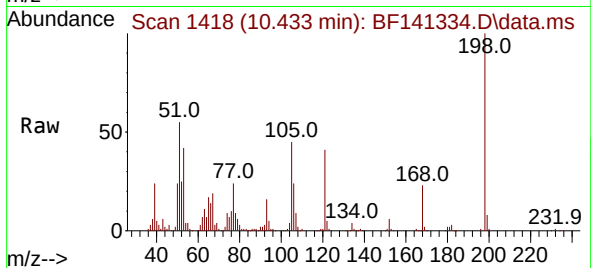




#65
4,6-Dinitro-2-methylphenol
Concen: 44.330 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

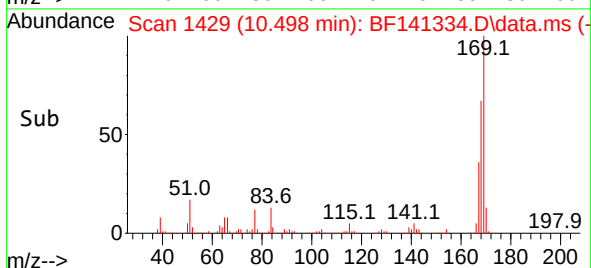
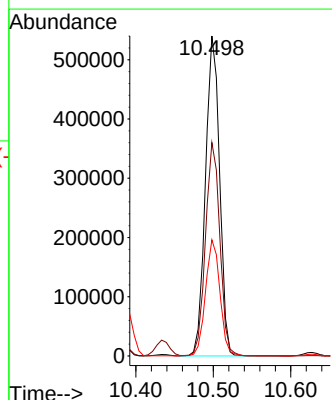
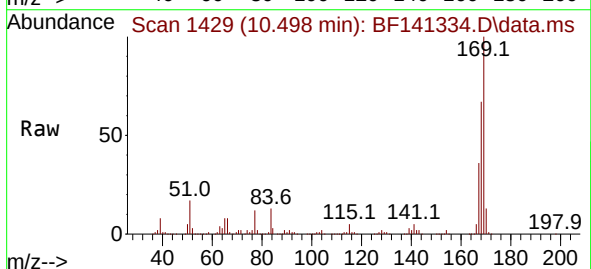
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

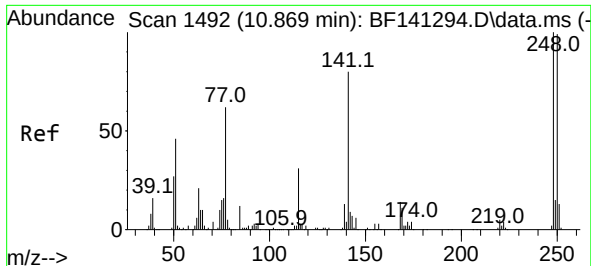
Tgt Ion:198 Resp: 148537
Ion Ratio Lower Upper
198 100
51 54.8 33.4 73.4
105 44.8 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 37.253 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:169 Resp: 682549
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.4
167 36.3 28.8 43.2

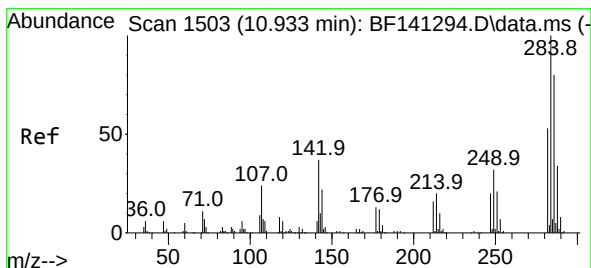
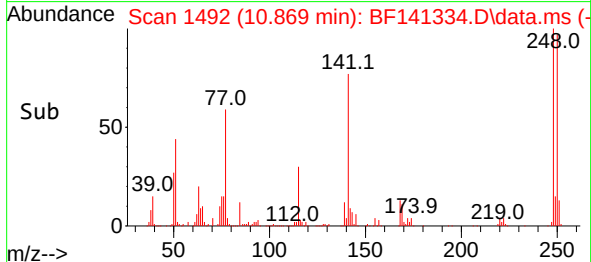
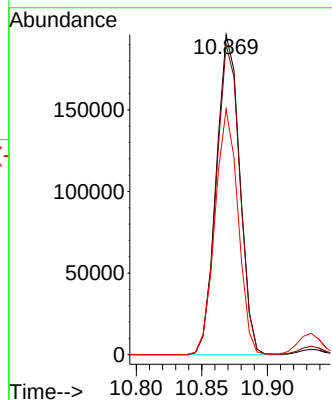
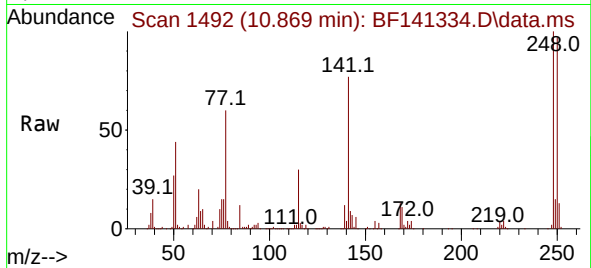




#67
4-Bromophenyl-phenylether
Concen: 38.536 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

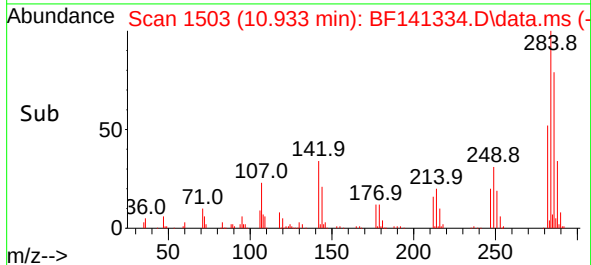
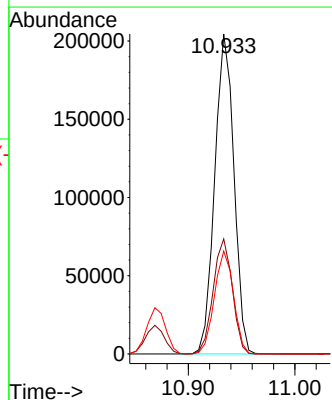
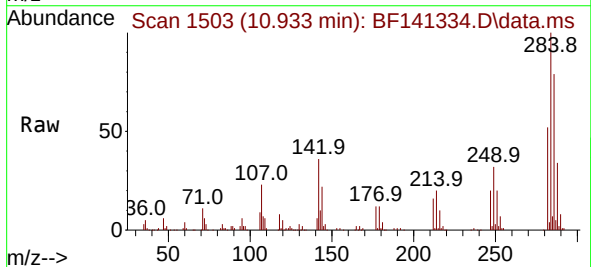
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

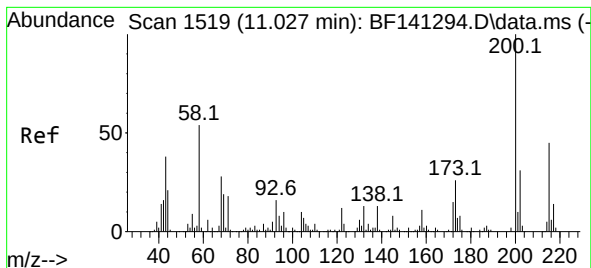
Tgt Ion:248 Resp: 244392
Ion Ratio Lower Upper
248 100
250 96.9 79.0 118.4
141 76.7 63.7 95.5



#68
Hexachlorobenzene
Concen: 37.954 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:284 Resp: 255323
Ion Ratio Lower Upper
284 100
142 35.9 29.5 44.3
249 32.2 25.4 38.2





#69

Atrazine

Concen: 34.836 ng

RT: 11.027 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

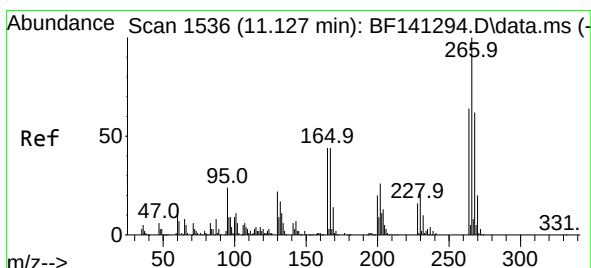
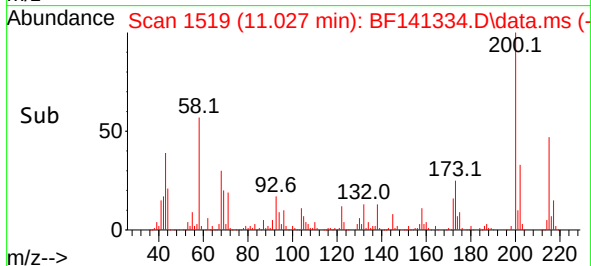
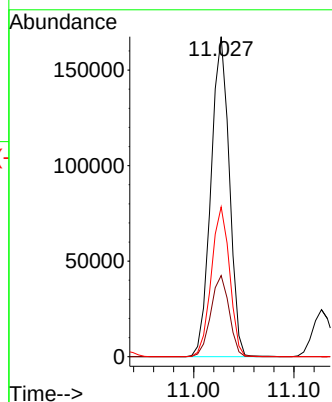
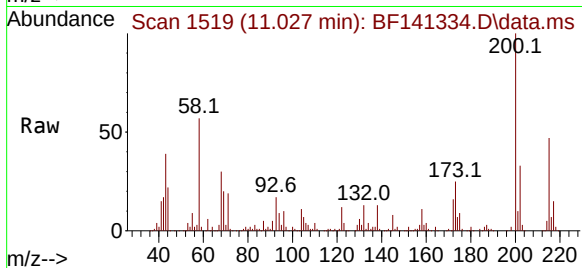
Tgt Ion:200 Resp: 213403

Ion Ratio Lower Upper

200 100

173 25.3 5.9 45.9

215 46.8 25.2 65.2



#70

Pentachlorophenol

Concen: 42.456 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

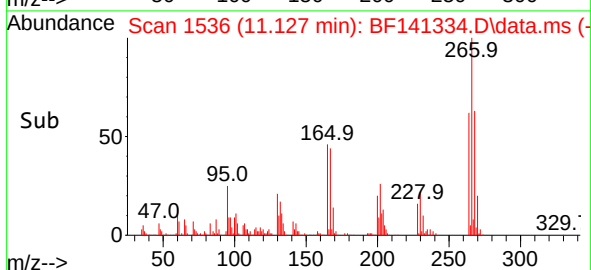
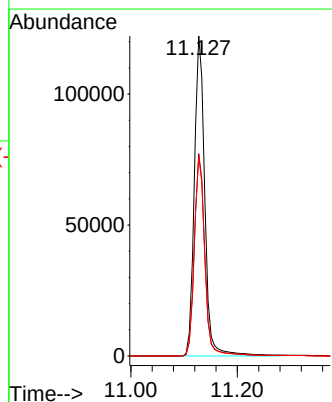
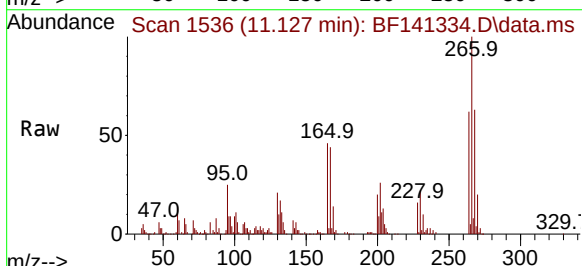
Tgt Ion:266 Resp: 167246

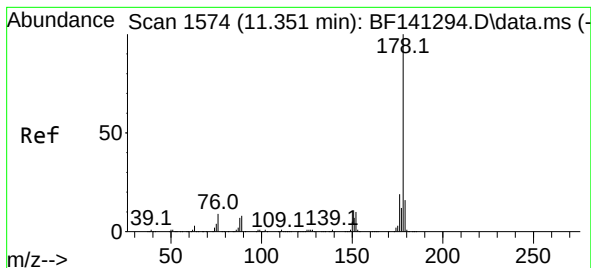
Ion Ratio Lower Upper

266 100

268 63.2 49.9 74.9

264 62.5 51.0 76.4





#71

Phenanthrene

Concen: 37.212 ng

RT: 11.351 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

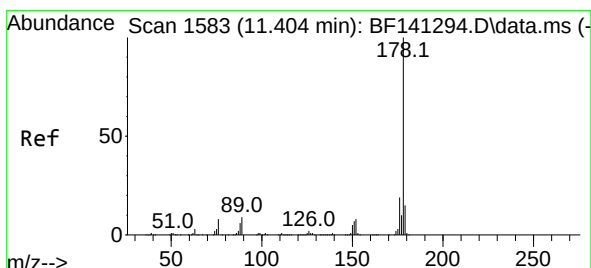
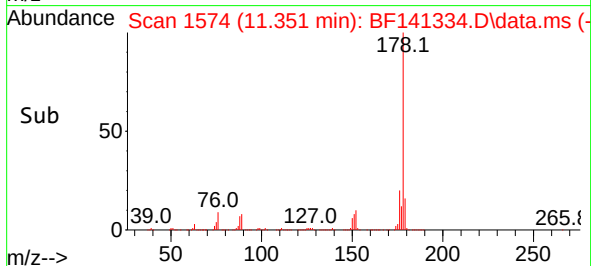
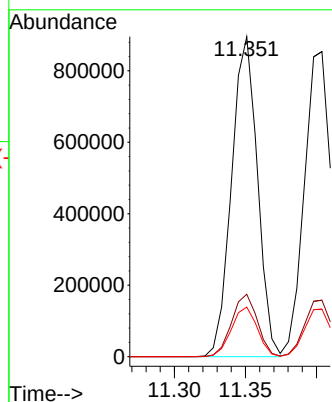
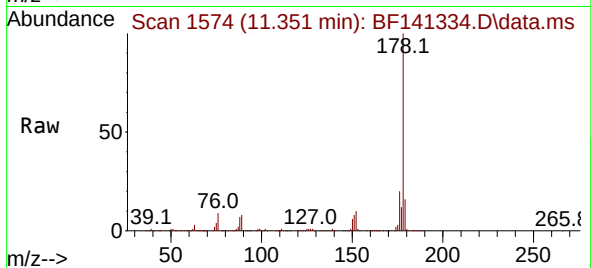
Tgt Ion:178 Resp: 1133127

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.5 12.5 18.7



#72

Anthracene

Concen: 37.760 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

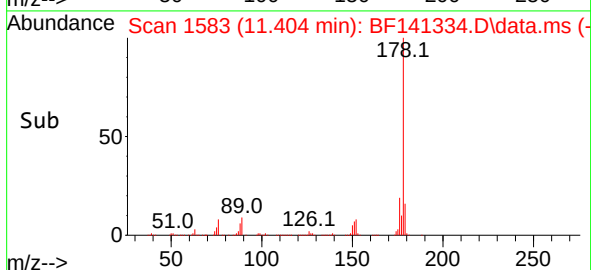
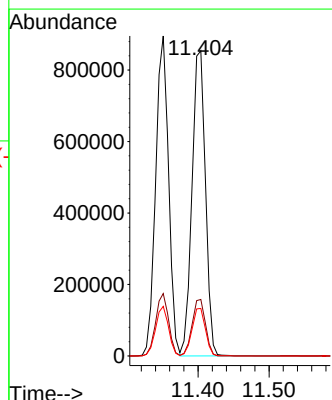
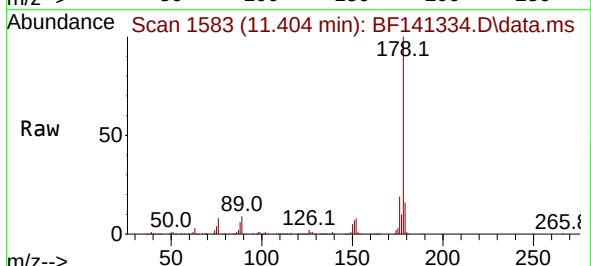
Tgt Ion:178 Resp: 1126615

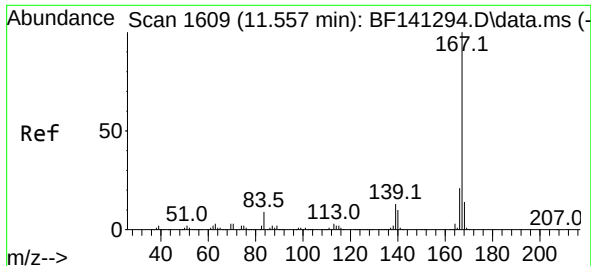
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

179 15.6 12.3 18.5

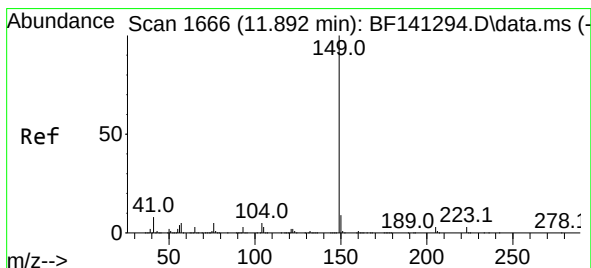
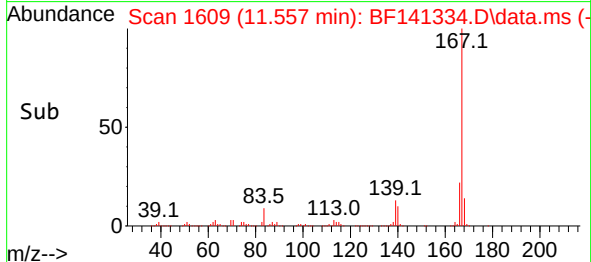
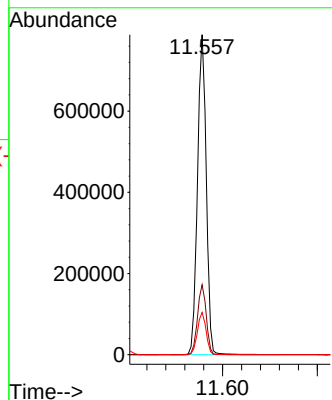
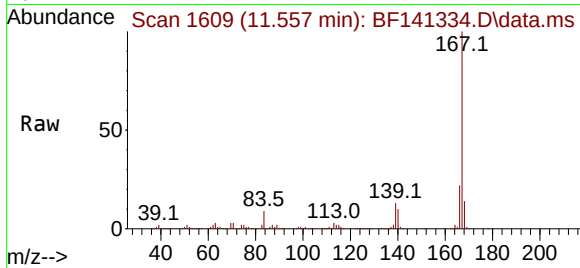




#73
 Carbazole
 Concen: 38.354 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

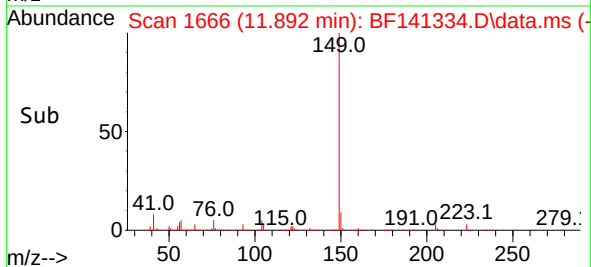
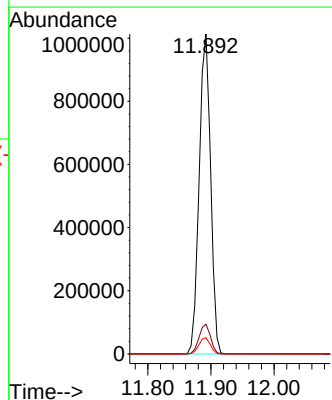
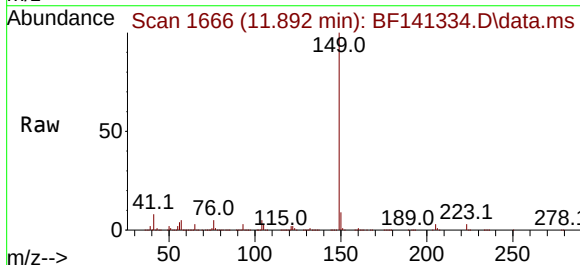
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

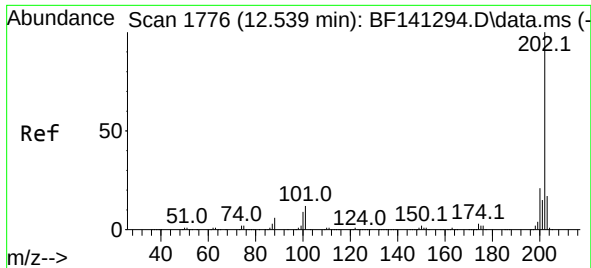
Tgt Ion:167 Resp: 1014712
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 39.613 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 1270081
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 3.9 5.9

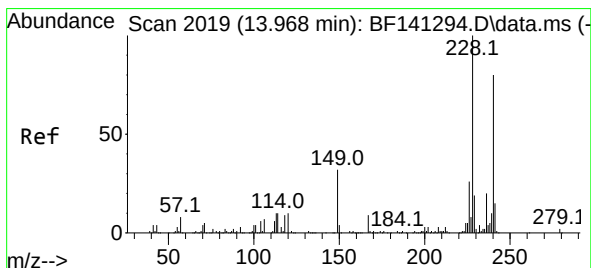
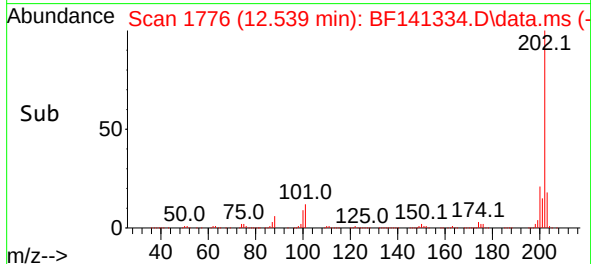
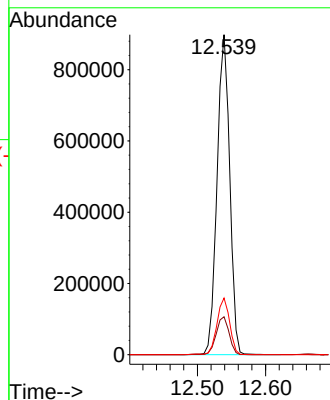
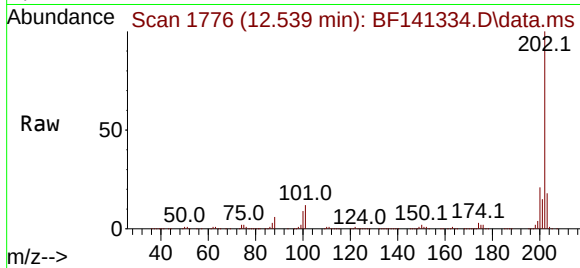




#75
Fluoranthene
Concen: 38.576 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

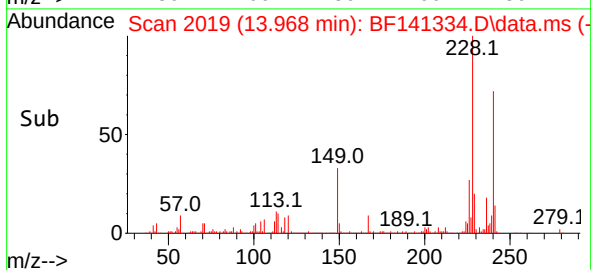
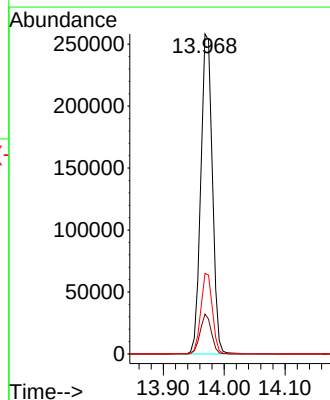
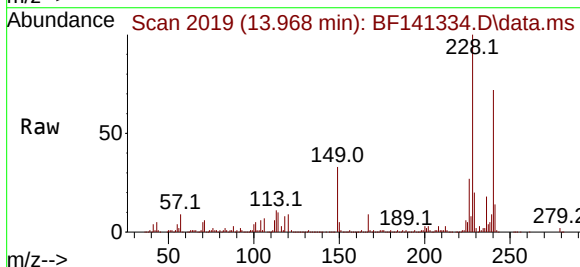
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

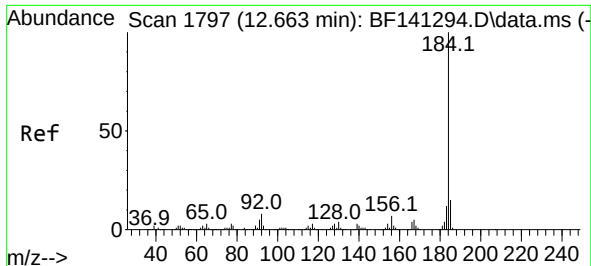
Tgt Ion:202 Resp: 1159837
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:240 Resp: 341440
Ion Ratio Lower Upper
240 100
120 12.5 10.0 15.0
236 25.1 19.7 29.5

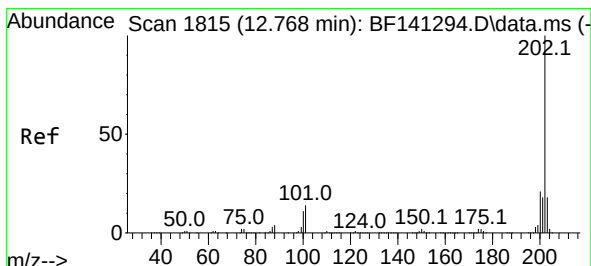
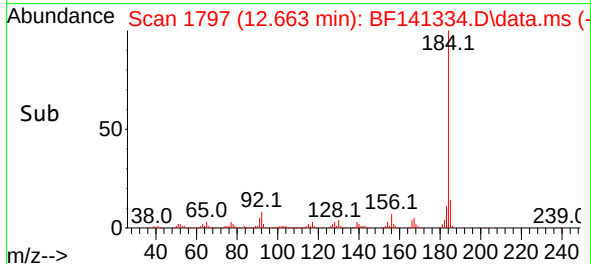
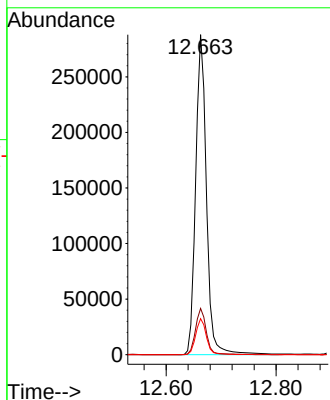
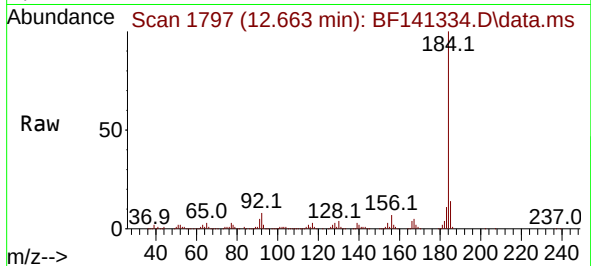




#77
Benzidine
Concen: 35.937 ng
RT: 12.663 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

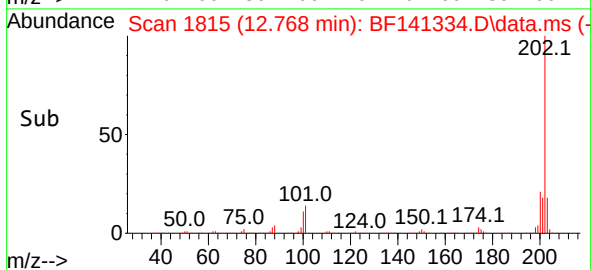
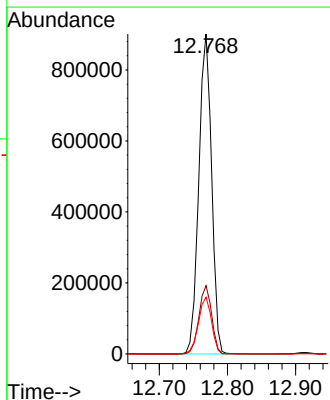
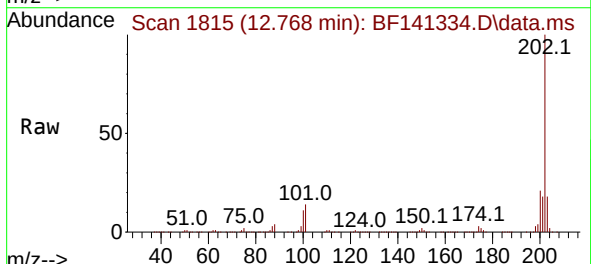
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

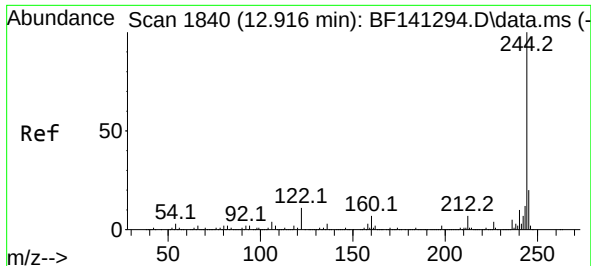
Tgt Ion:184 Resp: 393366
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 11.3 9.5 14.3



#78
Pyrene
Concen: 35.817 ng
RT: 12.768 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

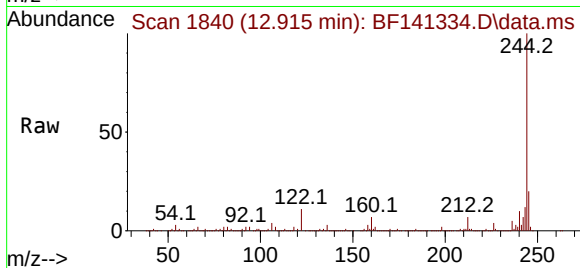
Tgt Ion:202 Resp: 1173910
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 17.7 14.3 21.5





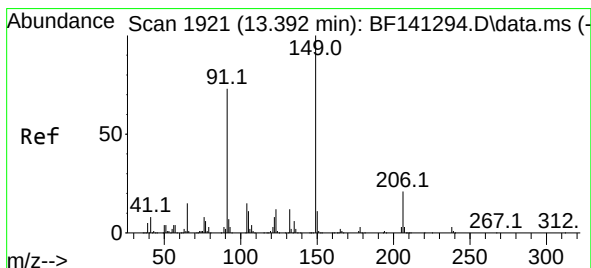
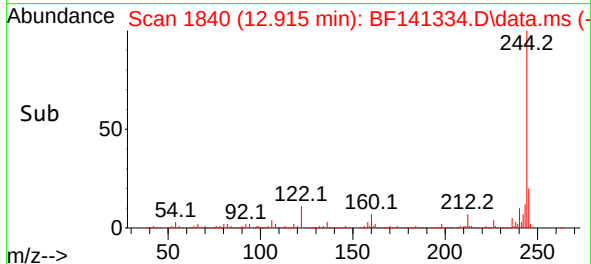
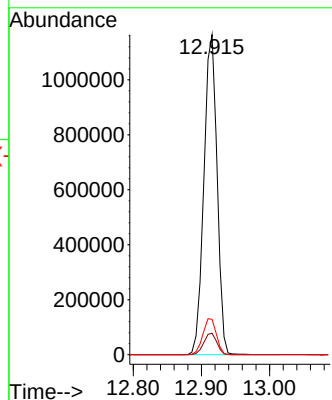
#79
 Terphenyl-d14
 Concen: 70.798 ng
 RT: 12.915 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:244 Resp: 1567460

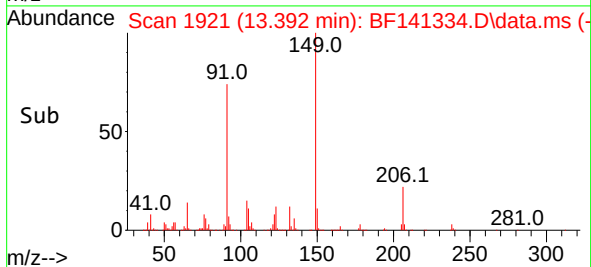
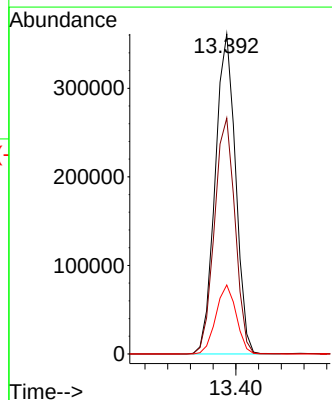
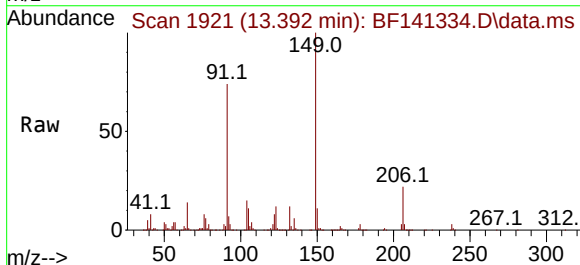
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	8.8	13.2

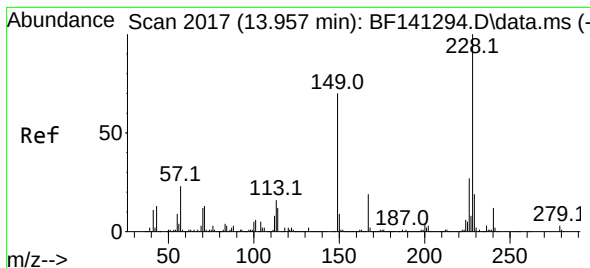


#80
 Butylbenzylphthalate
 Concen: 39.406 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 451201

Ion	Ratio	Lower	Upper
149	100		
91	73.7	58.6	87.8
206	21.5	16.7	25.1





#81

Benzo(a)anthracene

Concen: 34.980 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

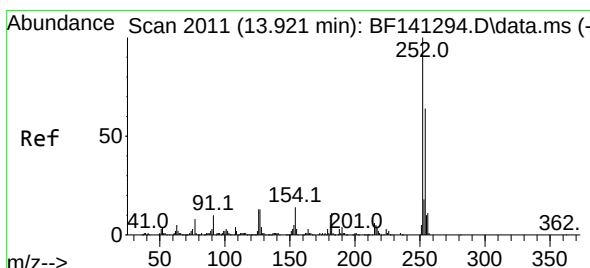
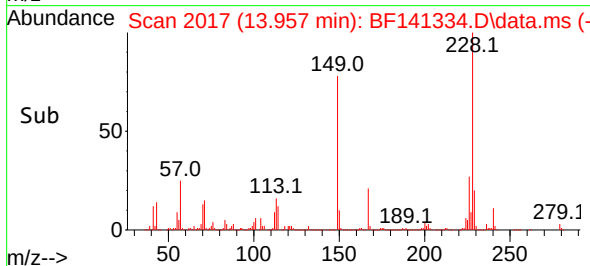
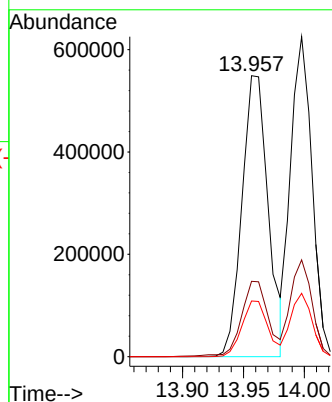
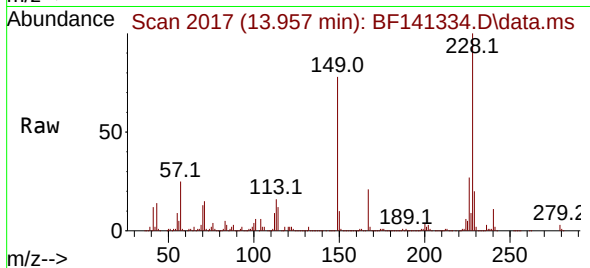
Tgt Ion:228 Resp: 824181

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 36.313 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

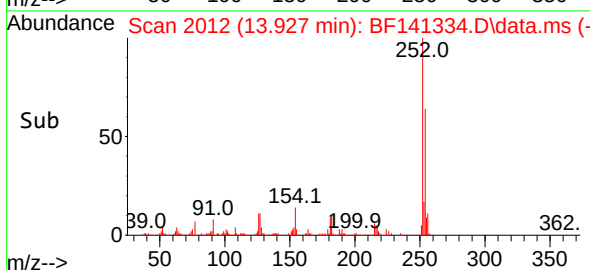
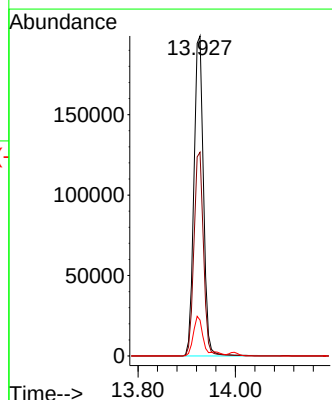
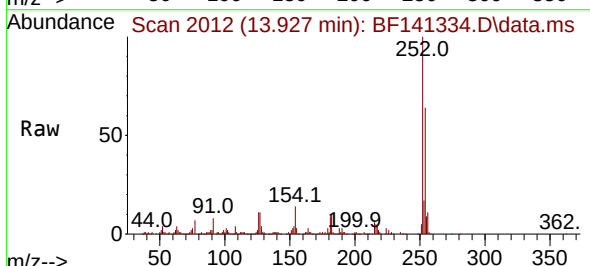
Tgt Ion:252 Resp: 272114

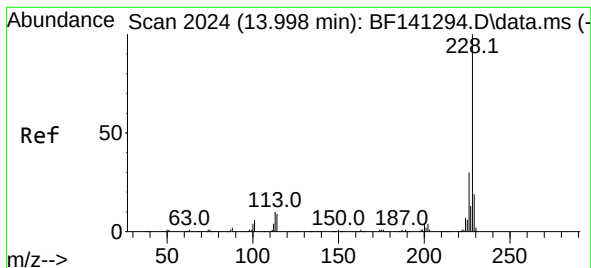
Ion Ratio Lower Upper

252 100

254 63.6 51.3 76.9

126 11.2 10.0 15.0





#83

Chrysene

Concen: 35.690 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

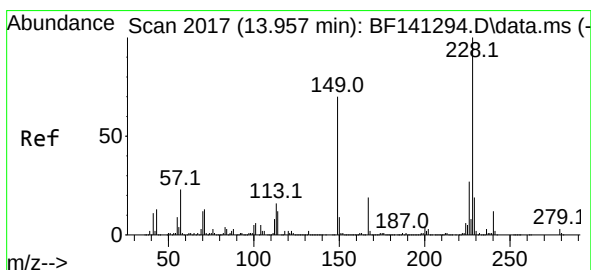
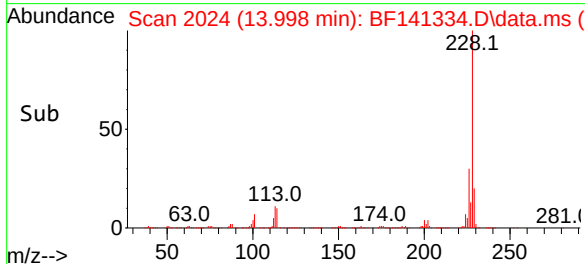
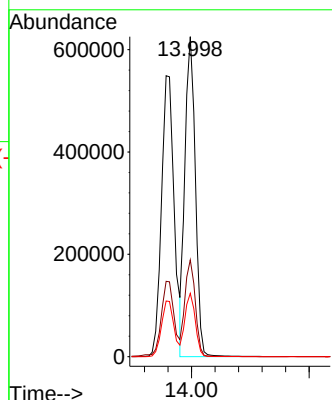
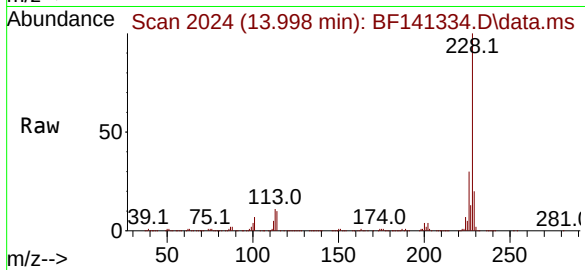
Tgt Ion:228 Resp: 770666

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.633 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF141334.D

Acq: 31 Jan 2025 16:26

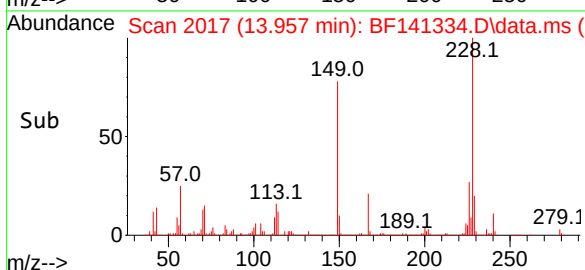
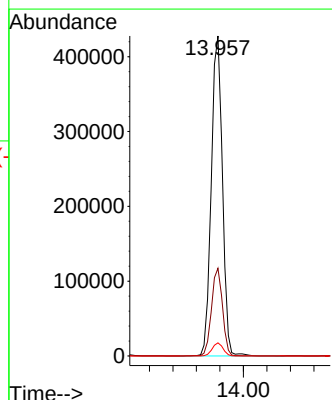
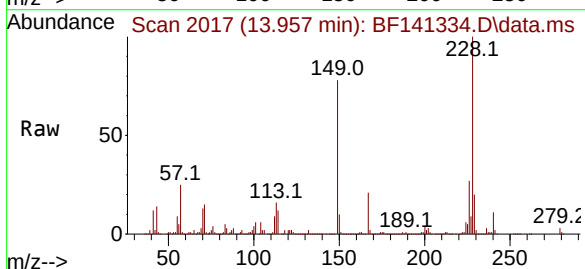
Tgt Ion:149 Resp: 561147

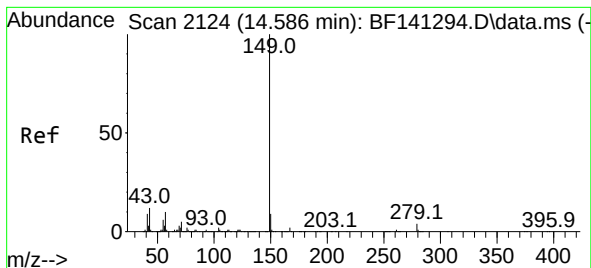
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 4.1 3.3 4.9

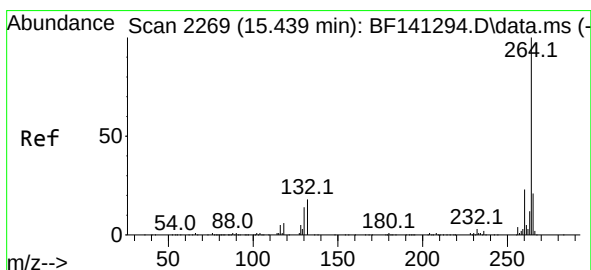
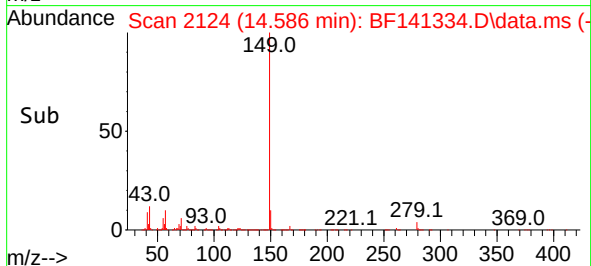
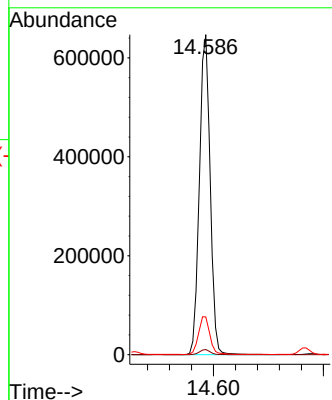
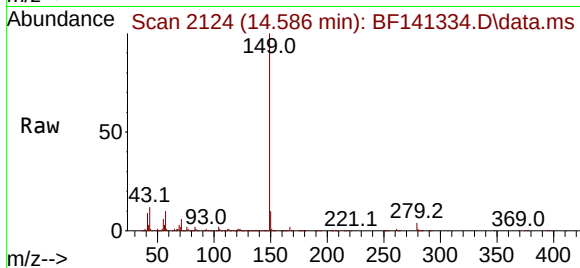




#85
Di-n-octyl phthalate
Concen: 39.037 ng
RT: 14.586 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

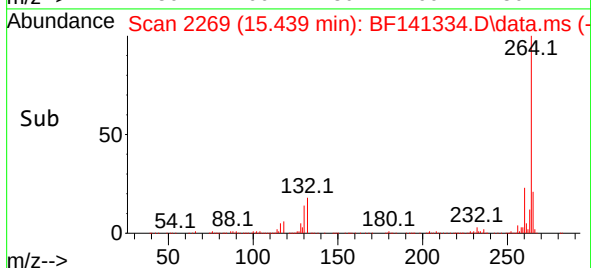
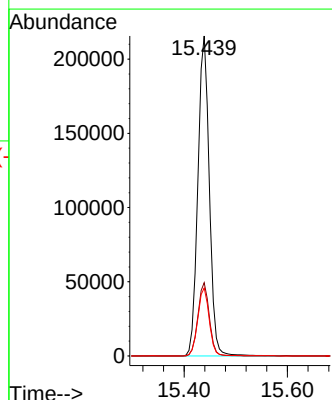
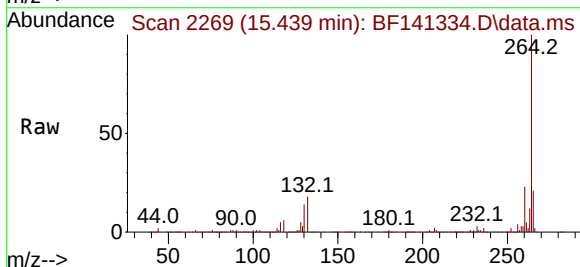
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

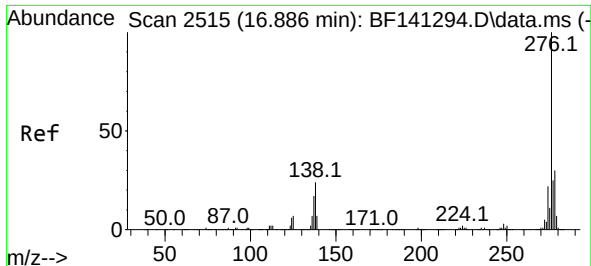
Tgt Ion:149 Resp: 880674
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.5 9.8 14.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

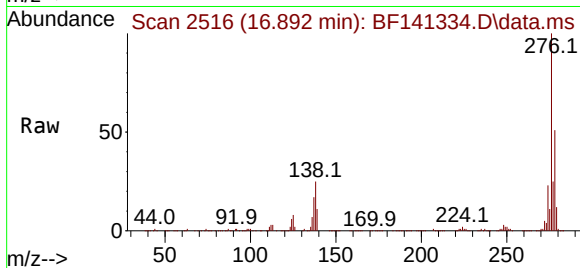
Tgt Ion:264 Resp: 331116
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.3 16.7 25.1



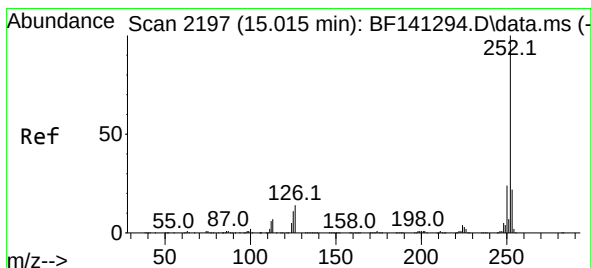
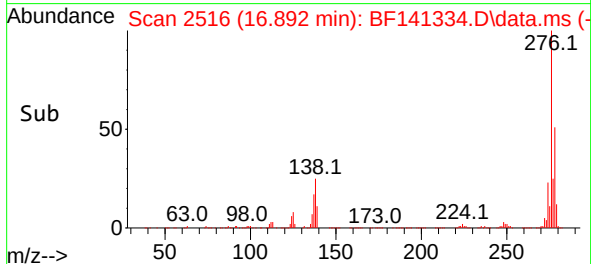
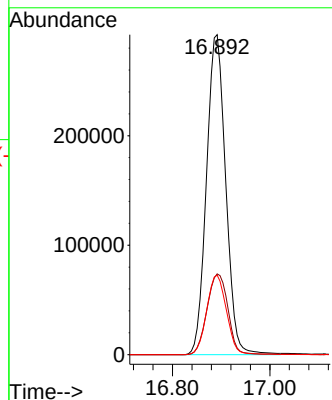


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.527 ng
 RT: 16.892 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

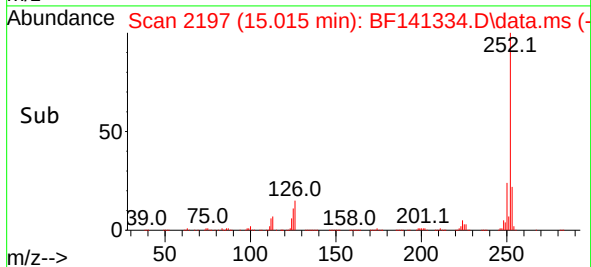
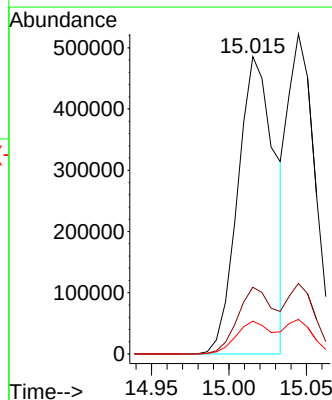
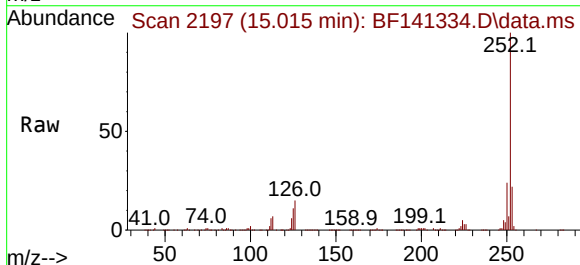


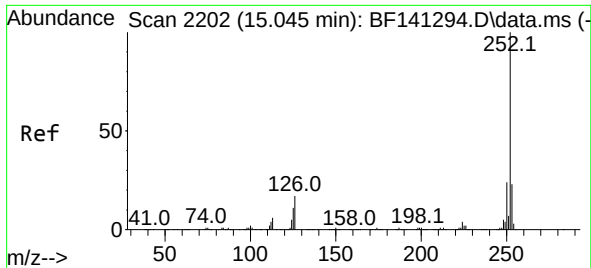
Tgt Ion:276 Resp: 802001
 Ion Ratio Lower Upper
 276 100
 138 27.3 21.7 32.5
 277 25.7 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 38.817 ng
 RT: 15.015 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF141334.D
 Acq: 31 Jan 2025 16:26

Tgt Ion:252 Resp: 808478
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 11.0 8.6 12.8

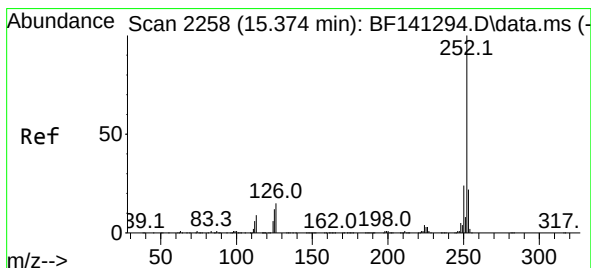
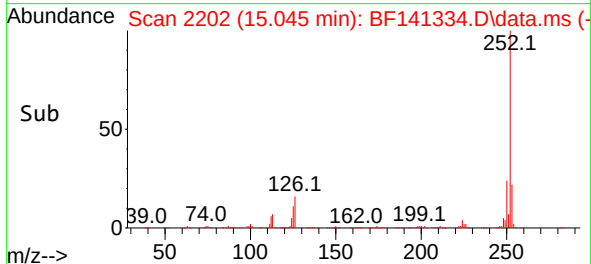
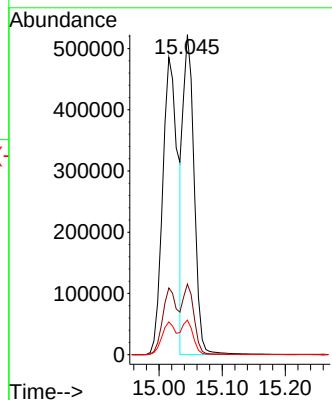
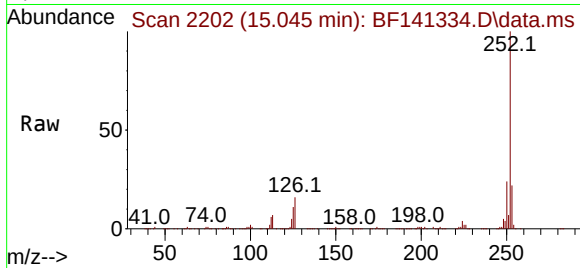




#89
Benzo(k)fluoranthene
Concen: 34.632 ng
RT: 15.045 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

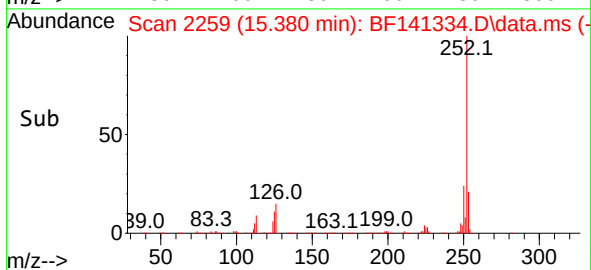
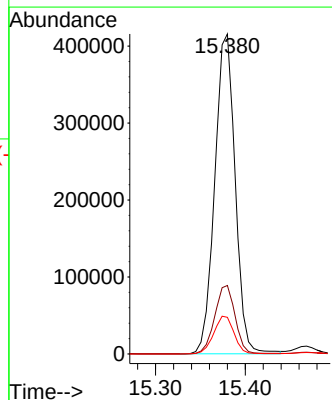
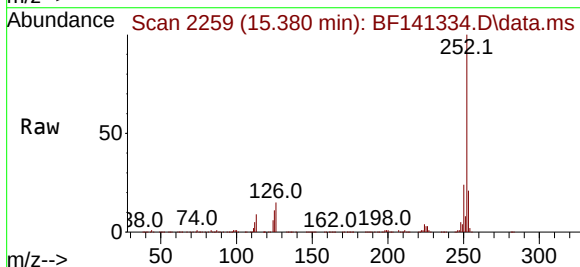
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

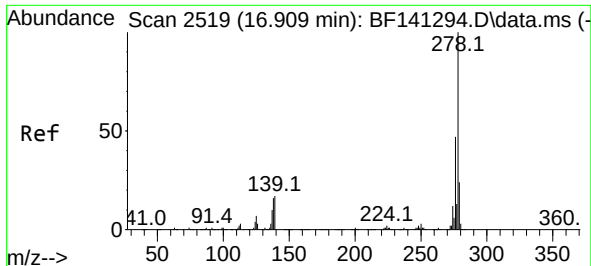
Tgt Ion:252 Resp: 638999
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.8 8.4 12.6



#90
Benzo(a)pyrene
Concen: 37.270 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:252 Resp: 655984
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 11.5 9.4 14.2

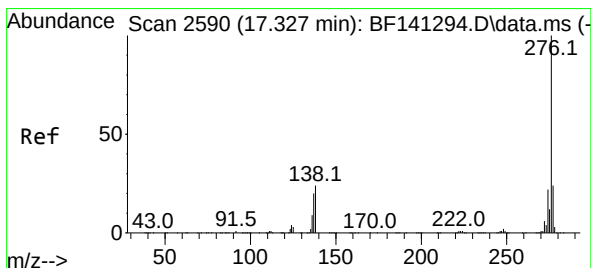
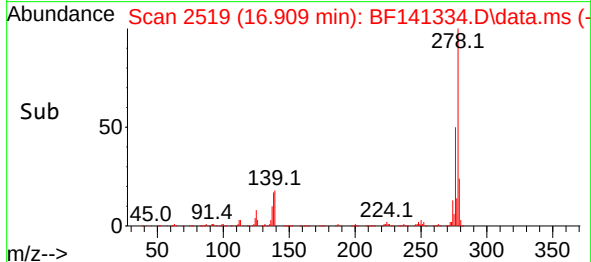
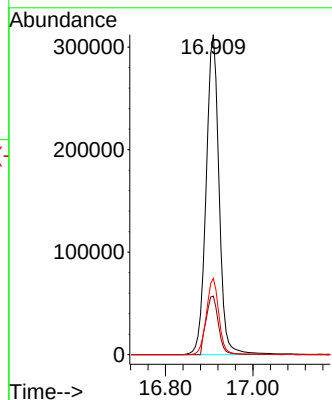
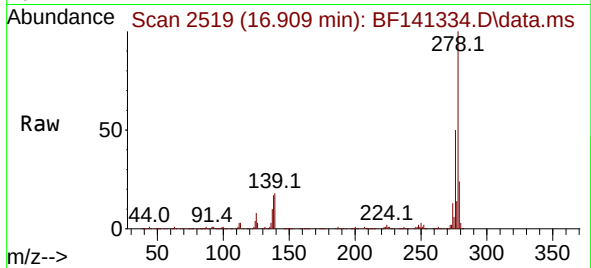




#91
Dibenzo(a,h)anthracene
Concen: 37.536 ng
RT: 16.909 min Scan# 2519
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 645395
Ion Ratio Lower Upper
278 100
139 18.3 13.9 20.9
279 23.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 38.355 ng
RT: 17.327 min Scan# 2590
Delta R.T. -0.018 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:276 Resp: 685709
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 23.3 19.0 28.4

