

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140913.D
 Acq On : 18 Dec 2024 18:30
 Operator : RC/JU
 Sample : P5291-09MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW6-20241213MSD

Quant Time: Dec 19 00:16:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	62132	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	234141	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	146078	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	223868	20.000	ng	0.00
76) Chrysene-d12	14.033	240	147858	20.000	ng	0.00
86) Perylene-d12	15.539	264	142833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	243248	64.448	ng	0.00
7) Phenol-d6	6.504	99	226898	45.388	ng	0.00
23) Nitrobenzene-d5	7.416	82	546214	116.715	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	261838	151.554	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1038792	97.769	ng	0.00
79) Terphenyl-d14	12.957	244	1020134	108.795	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	27487	16.908	ng	95
3) Pyridine	3.422	79	51644	13.717	ng	97
4) n-Nitrosodimethylamine	3.346	42	38444	20.255	ng	95
6) Aniline	6.516	93	134364	31.435	ng	83
8) 2-Chlorophenol	6.645	128	191915	46.628	ng	98
9) Benzaldehyde	6.404	77	58670	21.181	ng	# 25
10) Phenol	6.516	94	107718	20.790	ng	# 65
11) bis(2-Chloroethyl)ether	6.581	93	212044	54.878	ng	98
12) 1,3-Dichlorobenzene	6.787	146	225300	48.039	ng	99
13) 1,4-Dichlorobenzene	6.863	146	233627	49.075	ng	99
14) 1,2-Dichlorobenzene	7.016	146	229472	51.088	ng	98
15) Benzyl Alcohol	6.998	79	148421	41.524	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	278855	61.262	ng	93
17) 2-Methylphenol	7.122	107	142010	43.216	ng	93
18) Hexachloroethane	7.357	117	118942	67.113	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	186839	62.307	ng	100
20) 3+4-Methylphenols	7.275	107	172555	39.601	ng	# 84
22) Acetophenone	7.263	105	410828	70.142	ng	94
24) Nitrobenzene	7.439	77	273509	57.048	ng	97
25) Isophorone	7.675	82	486799	62.080	ng	100
26) 2-Nitrophenol	7.751	139	132753	60.120	ng	97
27) 2,4-Dimethylphenol	7.792	122	240560	93.285	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	301928	61.649	ng	98
29) 2,4-Dichlorophenol	8.004	162	205141	57.620	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	207519	50.846	ng	100
31) Naphthalene	8.151	128	829722	64.512	ng	100
32) Benzoic acid	7.934	122	53466	21.861	ng	# 87
33) 4-Chloroaniline	8.210	127	93281	21.837	ng	99
34) Hexachlorobutadiene	8.263	225	140317	51.100	ng	100
35) Caprolactam	8.669	113	10428	9.839	ng	# 87
36) 4-Chloro-3-methylphenol	8.698	107	211675	52.825	ng	99
37) 2-Methylnaphthalene	8.845	142	515739	60.619	ng	100
38) 1-Methylnaphthalene	8.945	142	448664	53.322	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	230524	51.343	ng	99
41) Hexachlorocyclopentadiene	8.992	237	79958	60.019	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	144964	52.728	ng	99

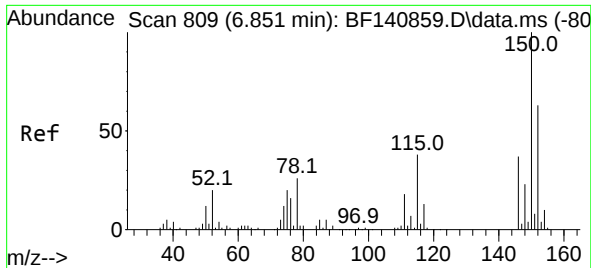
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	151686	50.197	ng	99
46) 1,1'-Biphenyl	9.310	154	611751	52.665	ng	99
47) 2-Chloronaphthalene	9.333	162	450788	50.728	ng	99
48) 2-Nitroaniline	9.439	65	153798	57.306	ng	99
49) Acenaphthylene	9.751	152	749641	57.404	ng	100
50) Dimethylphthalate	9.610	163	571367	55.479	ng	100
51) 2,6-Dinitrotoluene	9.681	165	125408	53.265	ng	98
52) Acenaphthene	9.922	154	469069	56.231	ng	99
53) 3-Nitroaniline	9.857	138	65160	27.888	ng	100
54) 2,4-Dinitrophenol	9.975	184	136957	116.014	ng	99
55) Dibenzofuran	10.092	168	711446	55.039	ng	99
56) 4-Nitrophenol	10.057	139	31796	28.336	ng	95
57) 2,4-Dinitrotoluene	10.092	165	164882	53.226	ng	97
58) Fluorene	10.439	166	539522	50.593	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	152084	61.764	ng	97
60) Diethylphthalate	10.304	149	538247	50.400	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	267481	49.933	ng	98
62) 4-Nitroaniline	10.475	138	99619m	40.801	ng	
63) Azobenzene	10.586	77	535961	53.383	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	84509	66.618	ng	97
66) n-Nitrosodiphenylamine	10.551	169	470169	68.309	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	168484	67.273	ng	98
68) Hexachlorobenzene	10.992	284	182549	64.288	ng	100
69) Atrazine	11.080	200	144914	75.385	ng	98
70) Pentachlorophenol	11.198	266	161812	155.865	ng	98
71) Phenanthrene	11.404	178	711972	61.845	ng	99
72) Anthracene	11.457	178	722802	63.754	ng	99
73) Carbazole	11.616	167	615128	55.394	ng	100
74) Di-n-butylphthalate	11.927	149	799287	61.330	ng	100
75) Fluoranthene	12.592	202	707830	53.388	ng	99
78) Pyrene	12.827	202	732176	55.686	ng	100
80) Butylbenzylphthalate	13.433	149	280186	57.914	ng	99
81) Benzo(a)anthracene	14.021	228	596198	56.894	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	78686	24.888	ng	100
83) Chrysene	14.063	228	519422	54.509	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	385908	61.862	ng	100
85) Di-n-octyl phthalate	14.627	149	592378	62.767	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	494215	55.447	ng	100
88) Benzo(b)fluoranthene	15.104	252	534341	53.894	ng	100
89) Benzo(k)fluoranthene	15.133	252	542390	63.774	ng	99
90) Benzo(a)pyrene	15.474	252	497133	64.034	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	411411	55.715	ng	99
92) Benzo(g,h,i)perylene	17.509	276	344200	45.799	ng	99

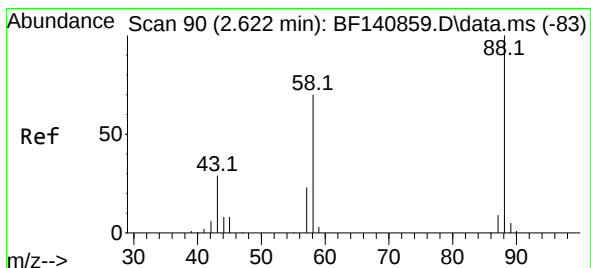
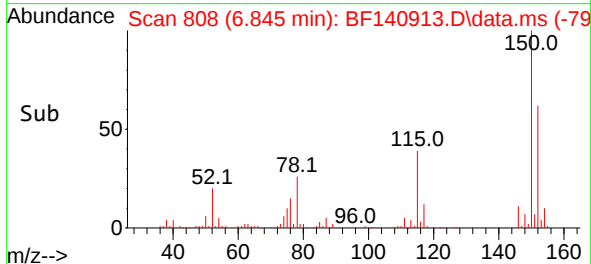
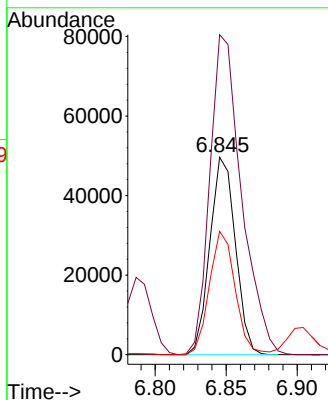
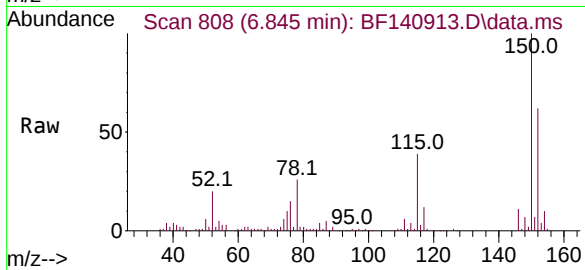
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF140913.D
 Acq: 18 Dec 2024 18:30

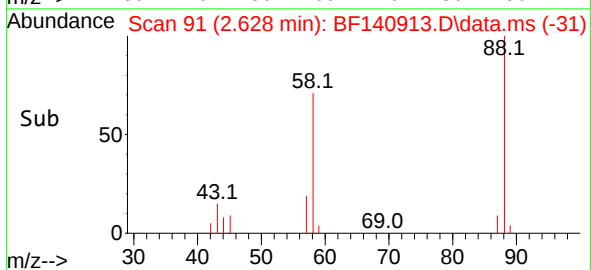
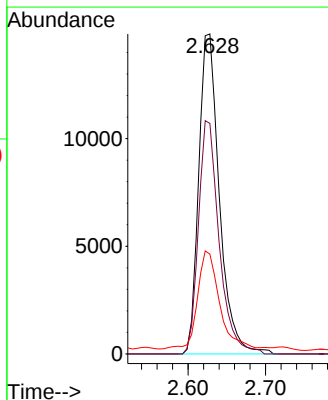
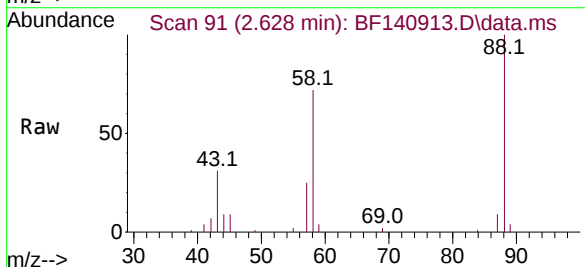
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 MW6-20241213MSD

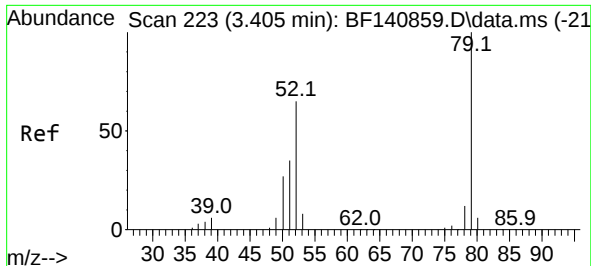
Tgt Ion:152 Resp: 62132
 Ion Ratio Lower Upper
 152 100
 150 162.1 127.9 191.9
 115 62.5 48.0 72.0



#2
 1,4-Dioxane
 Concen: 16.908 ng
 RT: 2.628 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BF140913.D
 Acq: 18 Dec 2024 18:30

Tgt Ion: 88 Resp: 27487
 Ion Ratio Lower Upper
 88 100
 58 73.0 55.8 83.8
 43 32.6 22.7 34.1

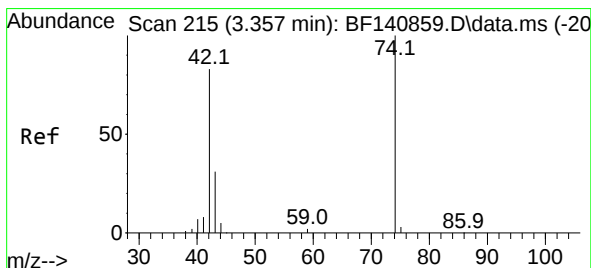
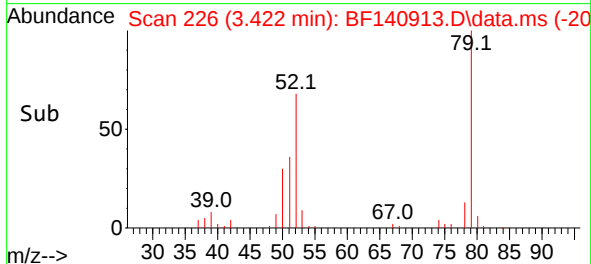
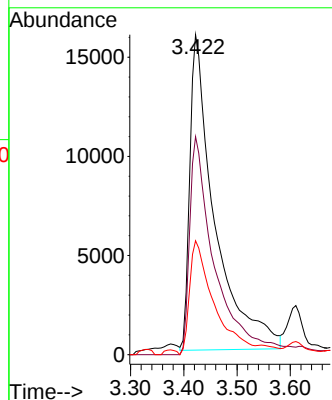
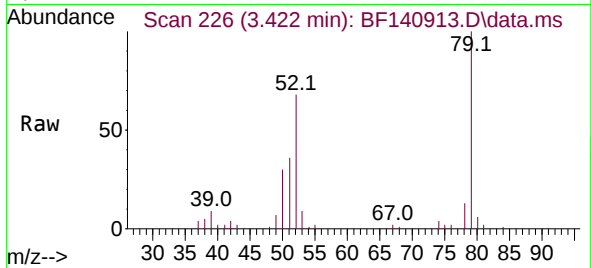




#3
Pyridine
Concen: 13.717 ng
RT: 3.422 min Scan# 213
Delta R.T. 0.018 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

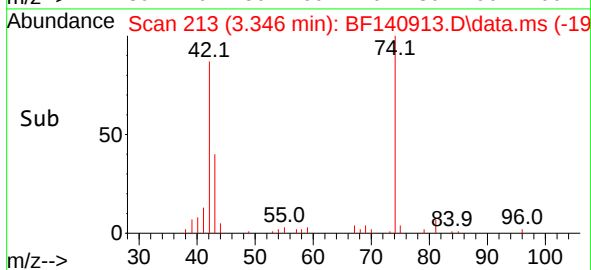
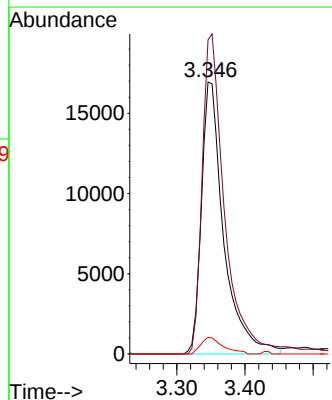
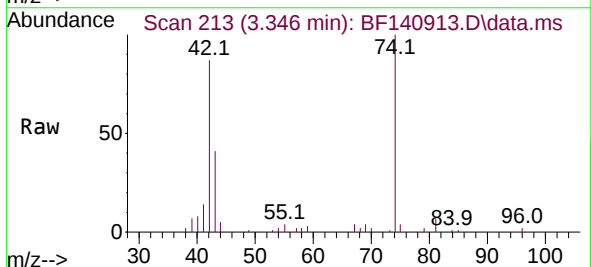
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ClientSampleId :
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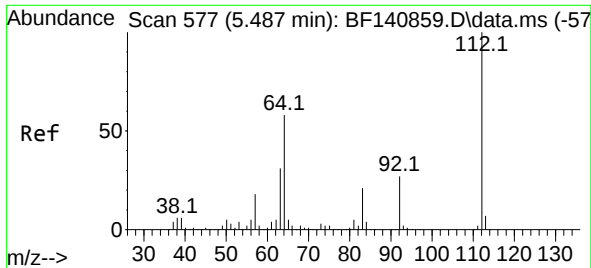
Tgt Ion: 79 Resp: 51644
Ion Ratio Lower Upper
79 100
52 68.1 51.7 77.5
51 35.6 28.2 42.4



#4
n-Nitrosodimethylamine
Concen: 20.255 ng
RT: 3.346 min Scan# 213
Delta R.T. -0.012 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 42 Resp: 38444
Ion Ratio Lower Upper
42 100
74 115.5 96.9 145.3
44 6.1 4.4 6.6

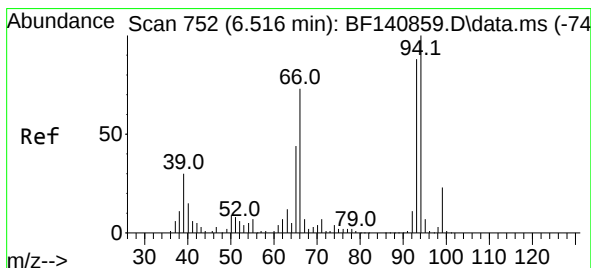
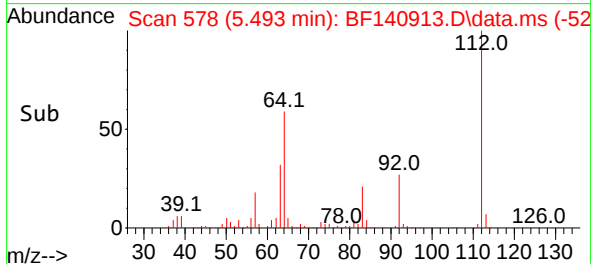
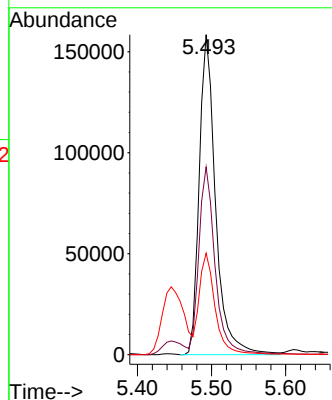
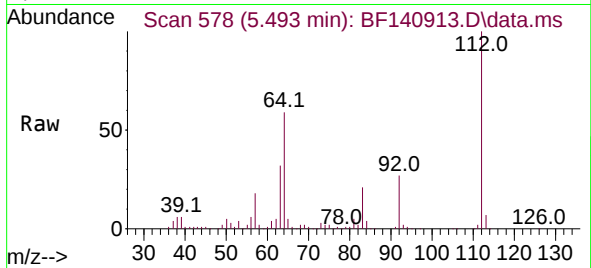




#5
2-Fluorophenol
Concen: 64.448 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

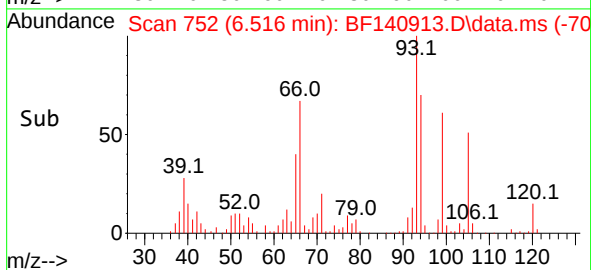
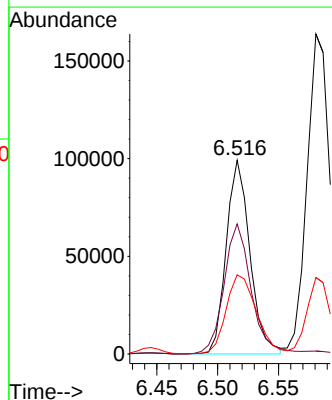
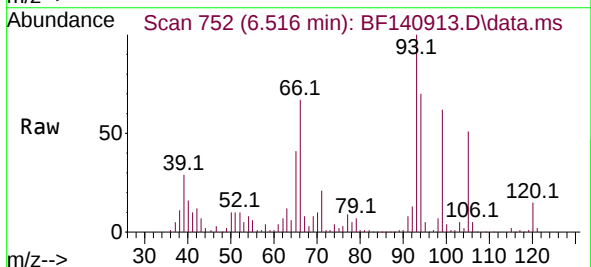
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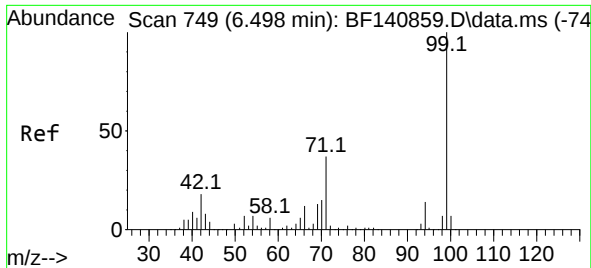
Tgt Ion:112 Resp: 243248
Ion Ratio Lower Upper
112 100
64 58.7 46.1 69.1
63 31.7 24.9 37.3



#6
Aniline
Concen: 31.435 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 93 Resp: 134364
Ion Ratio Lower Upper
93 100
66 67.2 67.0 100.4
65 40.9 40.4 60.6

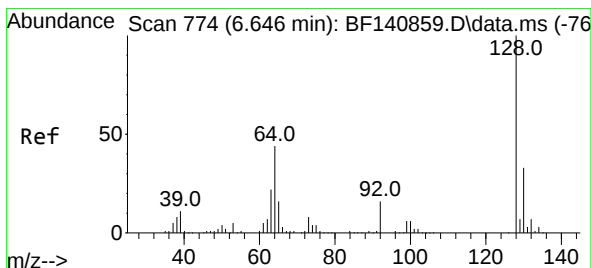
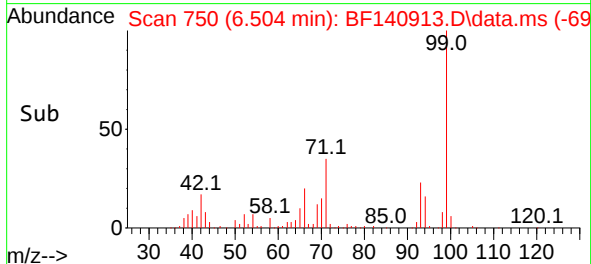
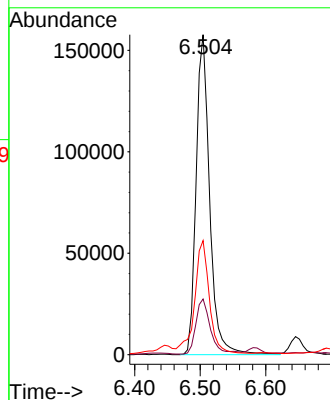
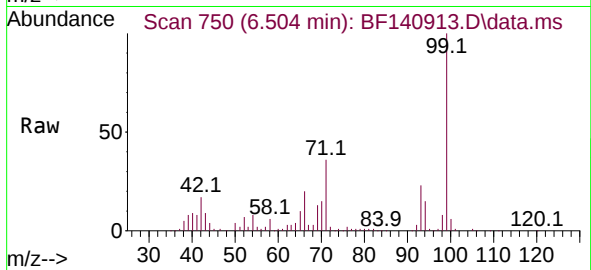




#7
Phenol-d6
Concen: 45.388 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

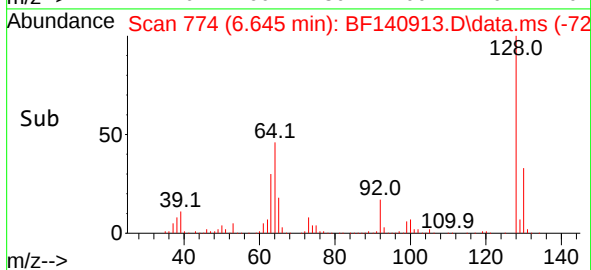
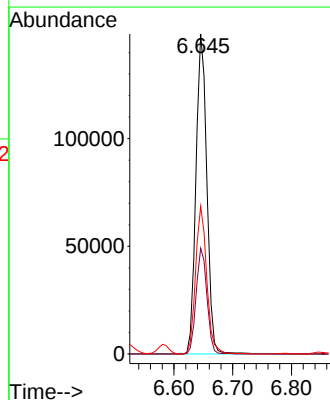
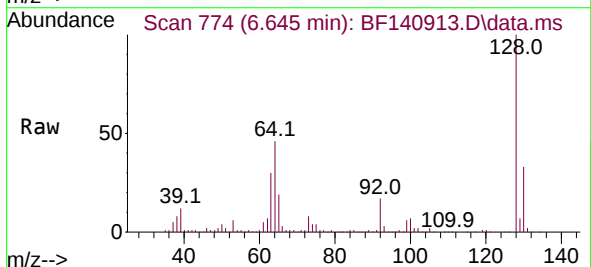
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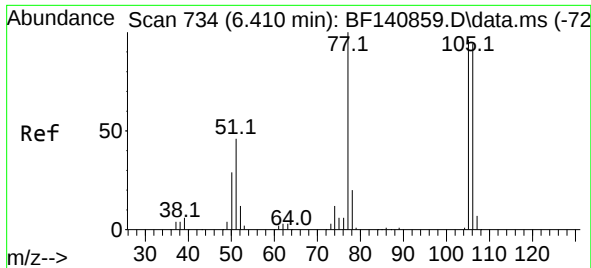
Tgt Ion: 99 Resp: 226898
Ion Ratio Lower Upper
99 100
42 17.4 14.3 21.5
71 35.7 29.9 44.9



#8
2-Chlorophenol
Concen: 46.628 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:128 Resp: 191915
Ion Ratio Lower Upper
128 100
130 33.0 12.9 52.9
64 46.1 24.3 64.3

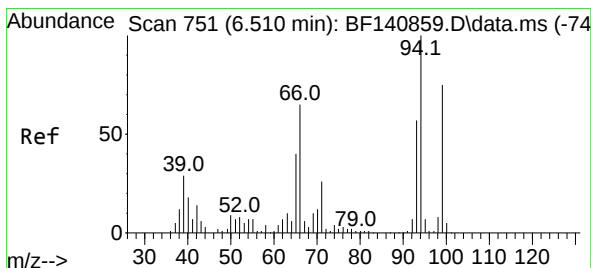
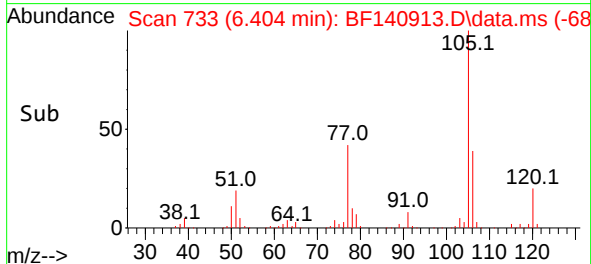
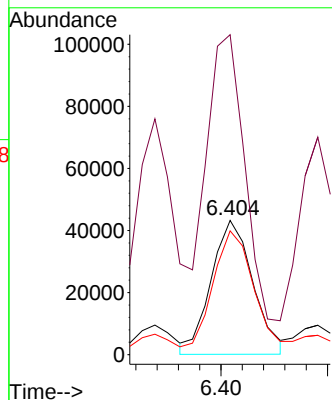
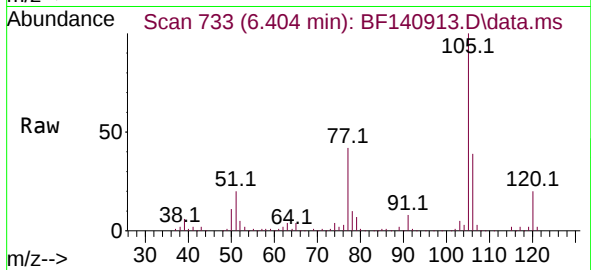




#9
Benzaldehyde
Concen: 21.181 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

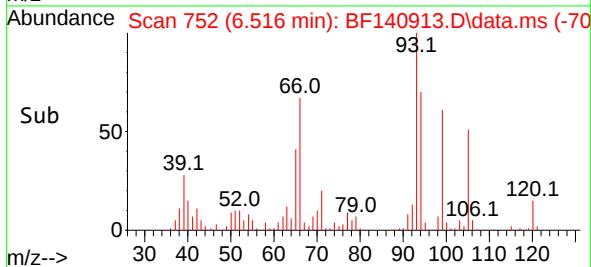
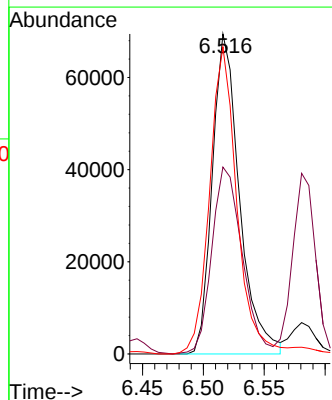
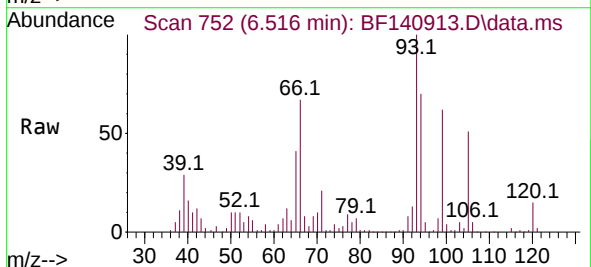
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion: 77 Resp: 58670
Ion Ratio Lower Upper
77 100
105 238.3 75.8 115.8#
106 92.3 74.1 114.1



#10
Phenol
Concen: 20.790 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 94 Resp: 107718
Ion Ratio Lower Upper
94 100
65 58.4 19.9 59.9
66 96.0 45.6 85.6#

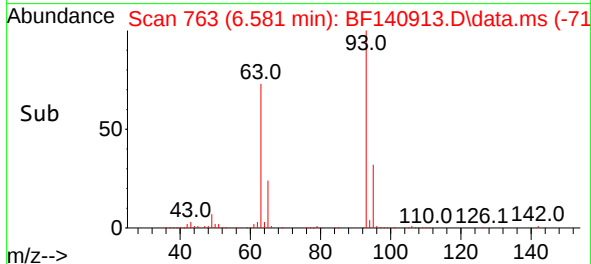
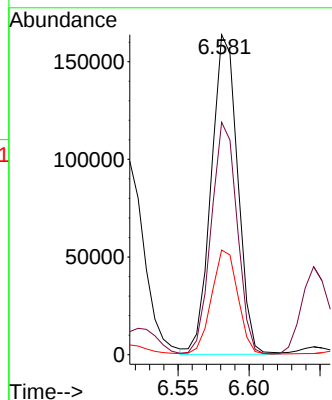
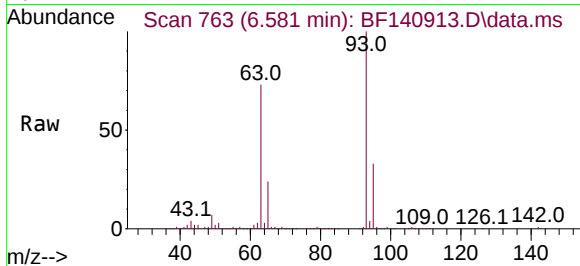




#11
bis(2-Chloroethyl)ether
Concen: 54.878 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

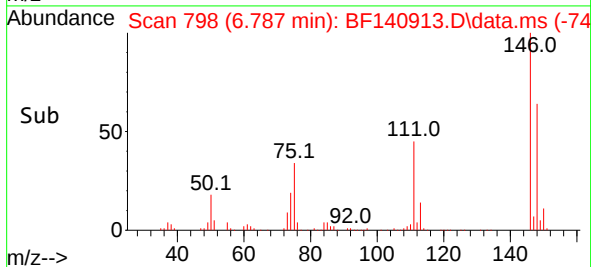
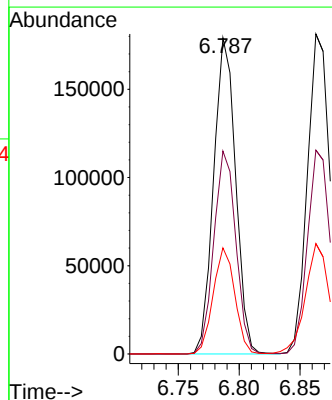
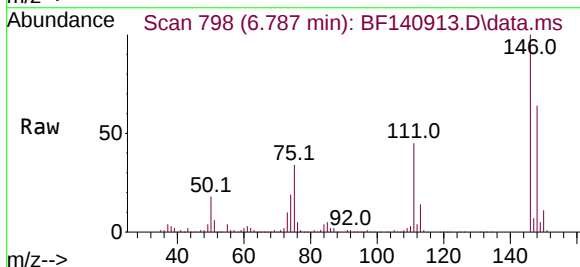
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion: 93	Resp: 212044
Ion Ratio	Lower Upper
93 100	
63 72.6	51.0 91.0
95 32.7	12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 48.039 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:146	Resp: 225300		
Ion Ratio	Lower	Upper	
146 100			
148 64.2	51.0	76.6	
75 33.6	28.1	42.1	





#13

1,4-Dichlorobenzene

Concen: 49.075 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140913.D

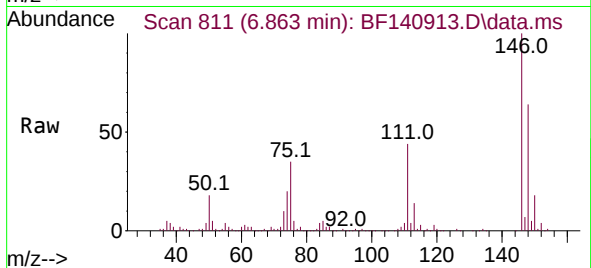
Acq: 18 Dec 2024 18:30

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MSD



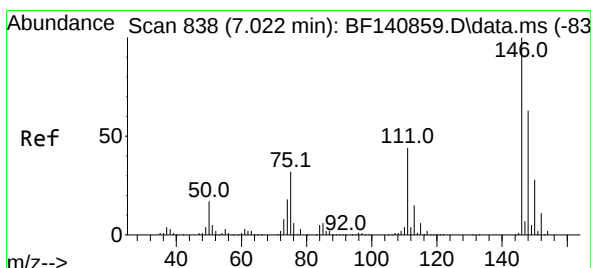
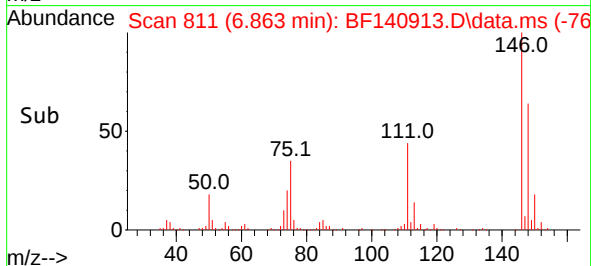
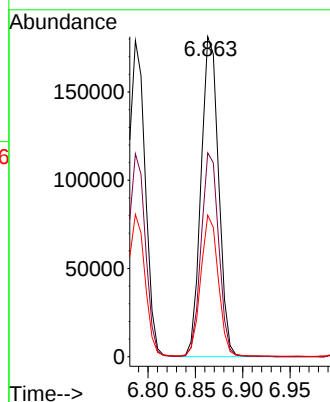
Tgt Ion:146 Resp: 233627

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

111 44.2 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 51.088 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

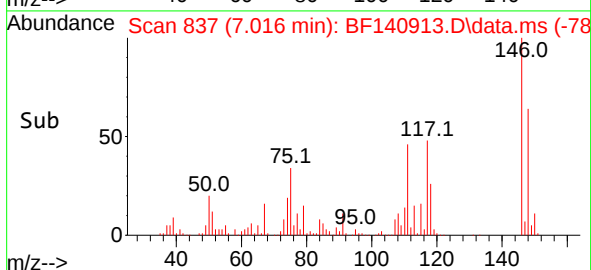
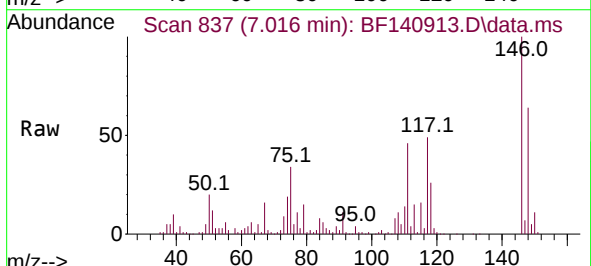
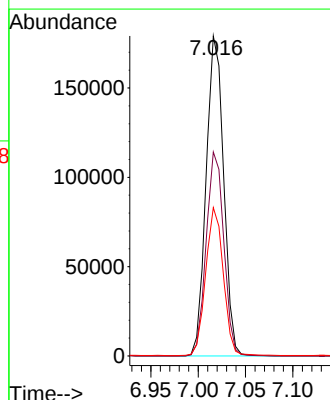
Tgt Ion:146 Resp: 229472

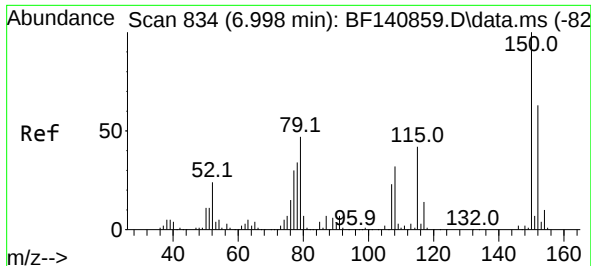
Ion Ratio Lower Upper

146 100

148 63.7 50.0 75.0

111 46.3 35.6 53.4

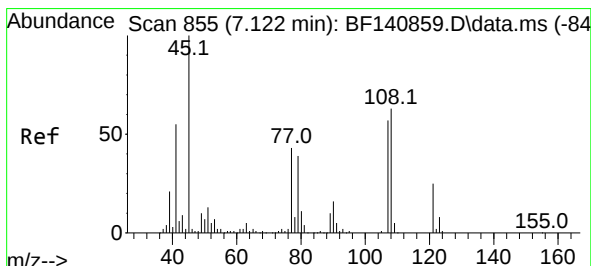
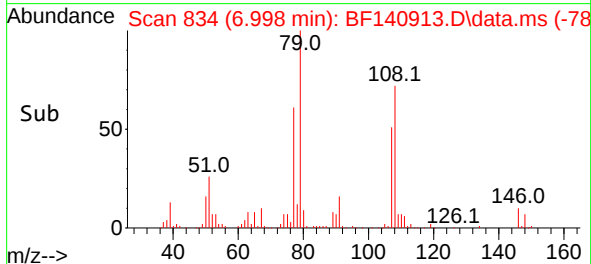
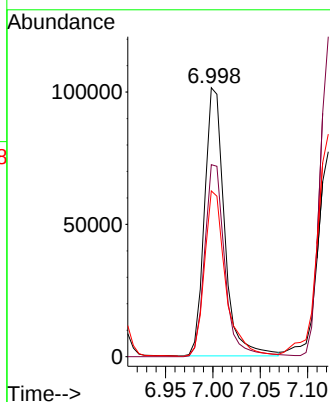
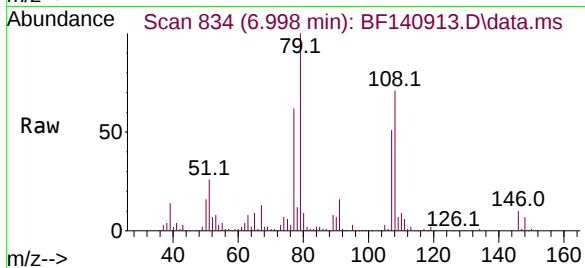




#15
Benzyl Alcohol
Concen: 41.524 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

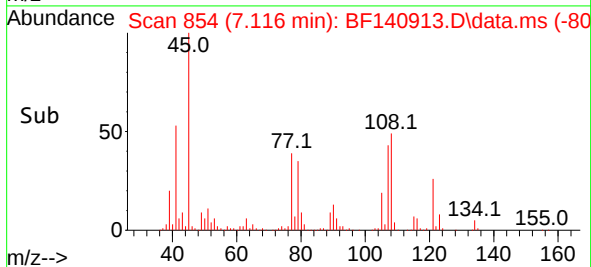
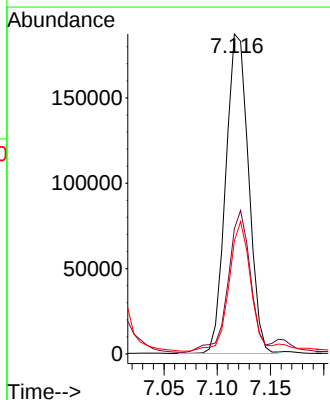
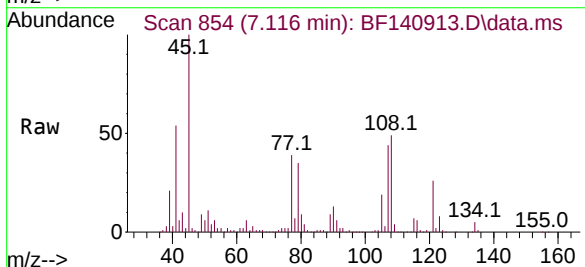
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

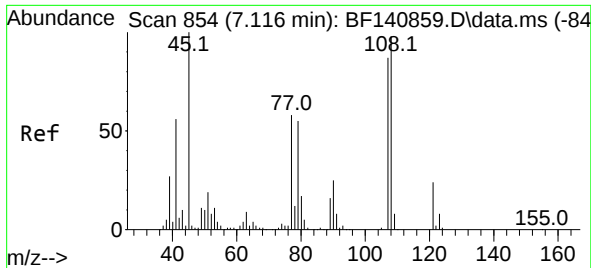
Tgt Ion: 79 Resp: 148421
Ion Ratio Lower Upper
79 100
108 71.4 55.1 82.7
77 61.6 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.262 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 45 Resp: 278855
Ion Ratio Lower Upper
45 100
77 39.1 23.3 63.3
79 35.3 20.0 60.0

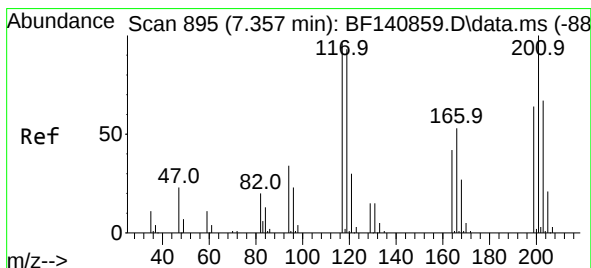
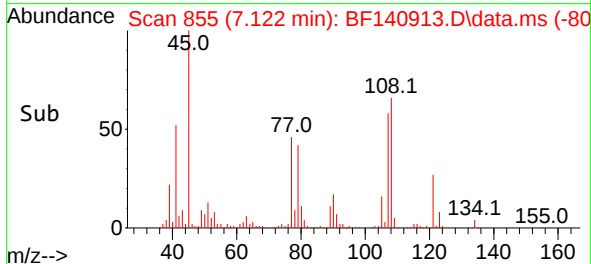
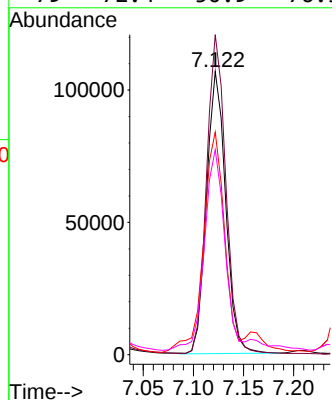
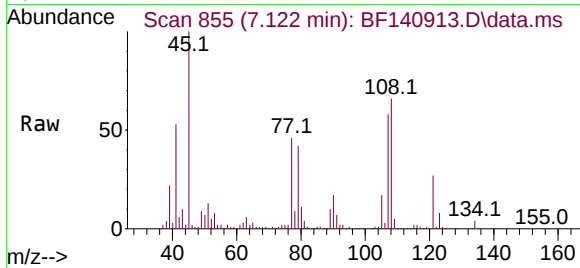




#17
2-Methylphenol
Concen: 43.216 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

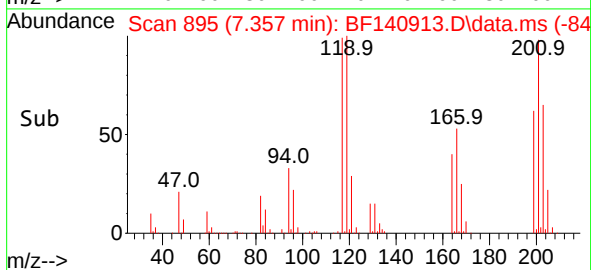
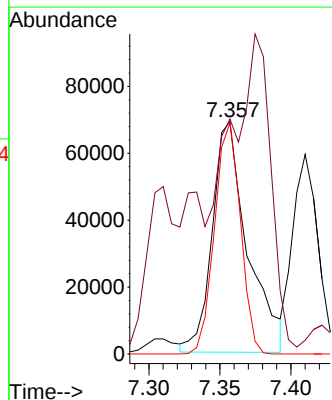
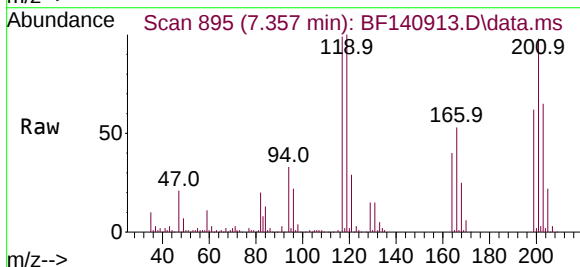
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

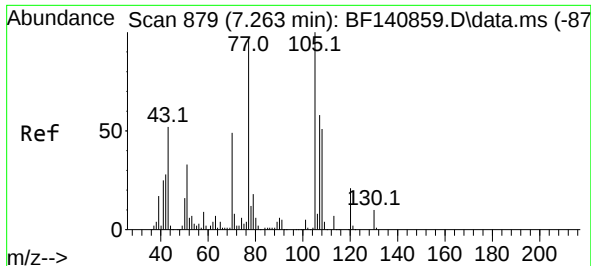
Tgt Ion:	107	Resp:	142010
Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.2	135.4
77	78.6	53.8	80.6
79	72.4	50.9	76.3



#18
Hexachloroethane
Concen: 67.113 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

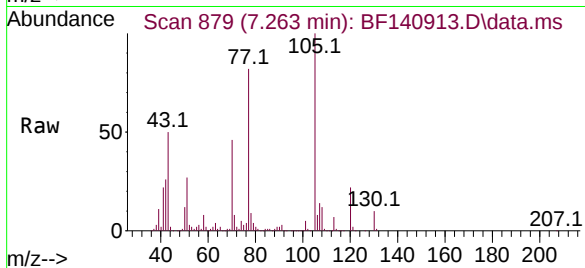
Tgt Ion:	117	Resp:	118942
Ion	Ratio	Lower	Upper
117	100		
119	101.1	77.4	116.0
201	99.5	83.4	125.0





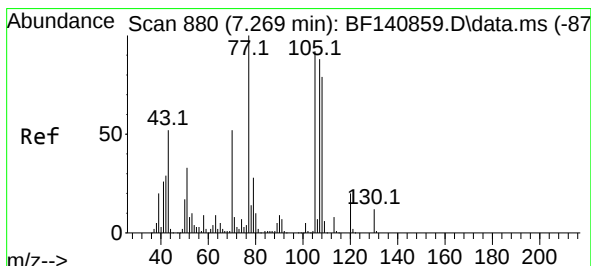
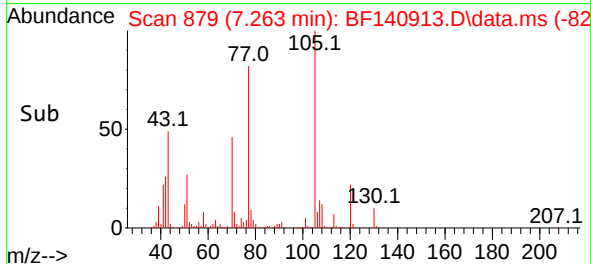
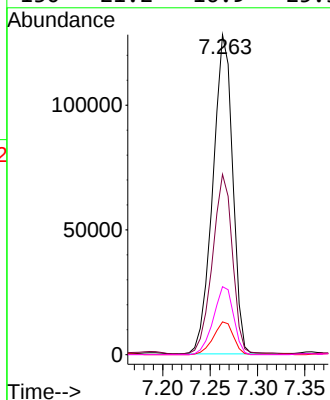
#19
n-Nitroso-di-n-propylamine
Concen: 62.307 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD



Tgt Ion: 70 Resp: 186839

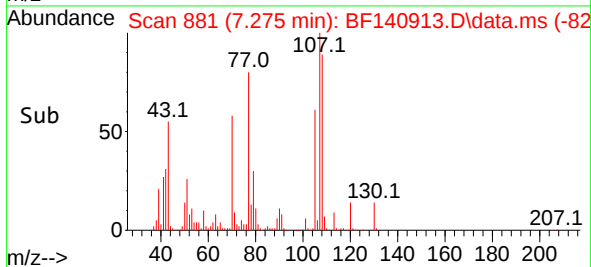
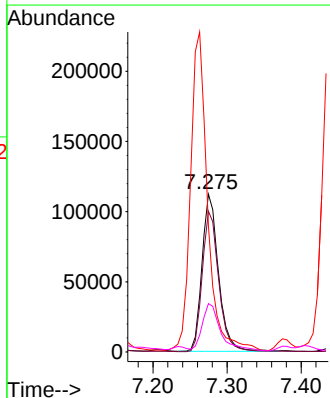
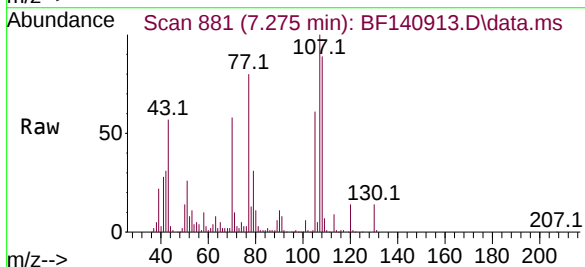
Ion	Ratio	Lower	Upper
70	100		
42	56.3	45.3	67.9
101	10.3	8.0	12.0
130	21.2	16.9	25.3

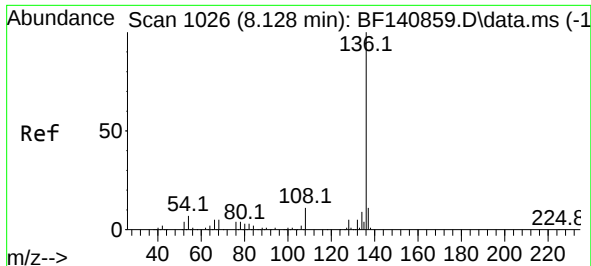


#20
3+4-Methylphenols
Concen: 39.601 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 107 Resp: 172555

Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.1	110.1
77	79.8	94.4	134.4#
79	30.6	12.2	52.2

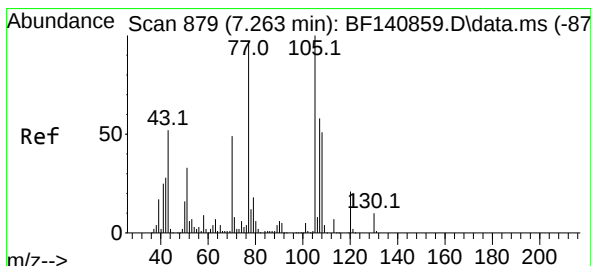
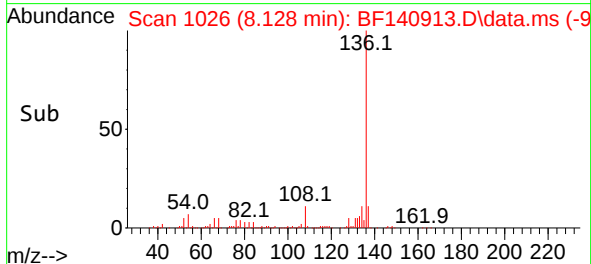
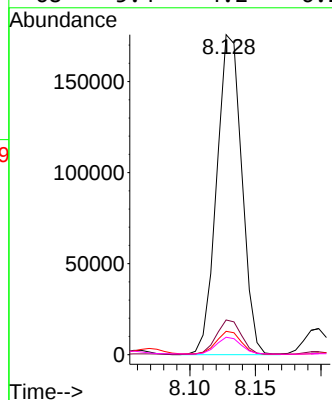
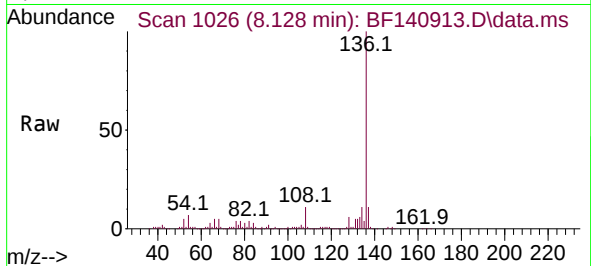




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

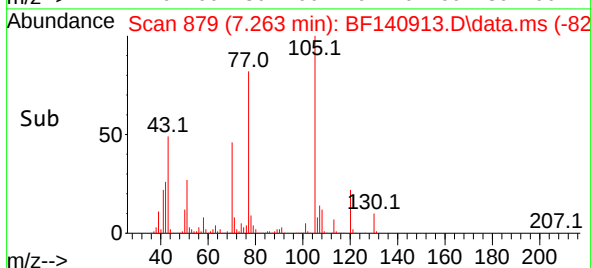
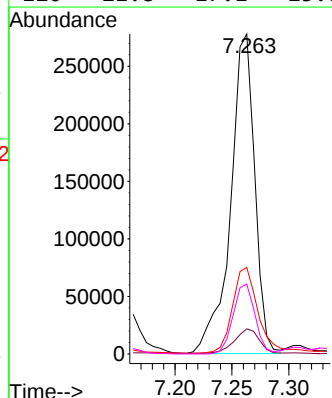
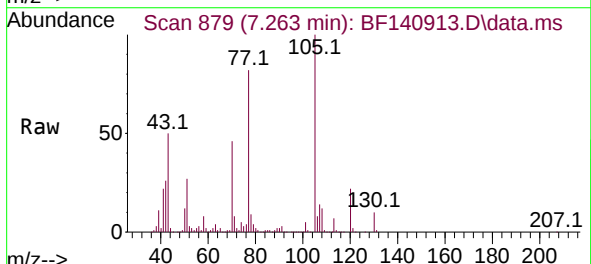
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

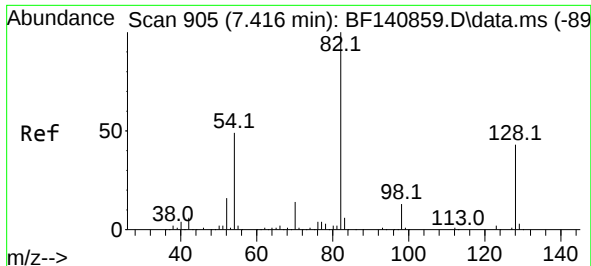
Tgt Ion:136	Resp: 234141
Ion Ratio	Lower Upper
136	100
137	10.9 9.0 13.4
54	7.3 5.6 8.4
68	5.4 4.2 6.2



#22
Acetophenone
Concen: 70.142 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:105	Resp: 410828
Ion Ratio	Lower Upper
105	100
71	7.9 6.2 9.4
51	27.0 26.3 39.5
120	21.8 17.1 25.7

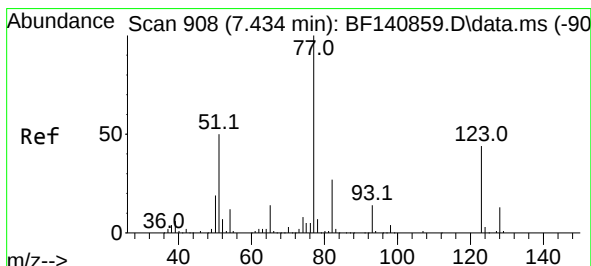
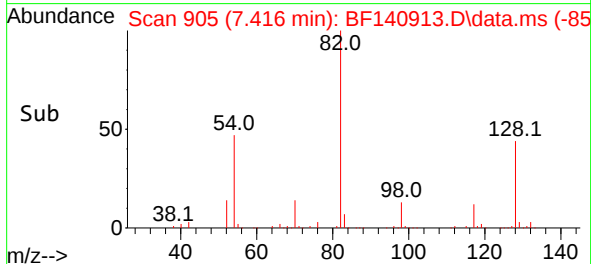
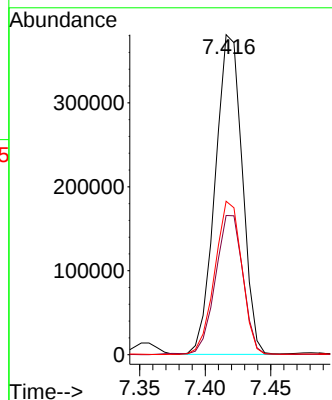
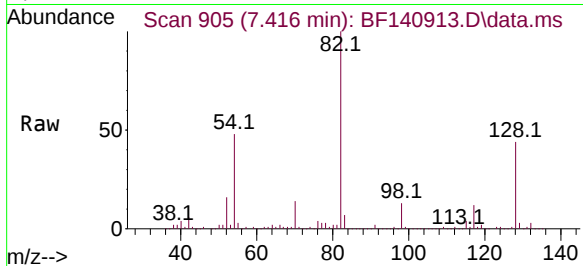




#23
Nitrobenzene-d5
Concen: 116.715 ng
RT: 7.416 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

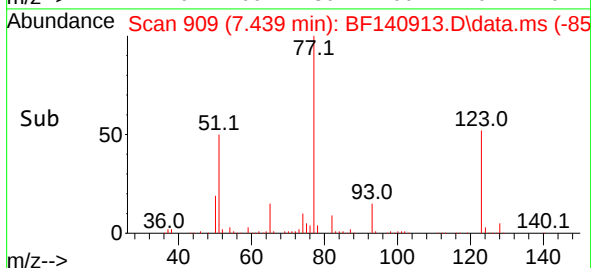
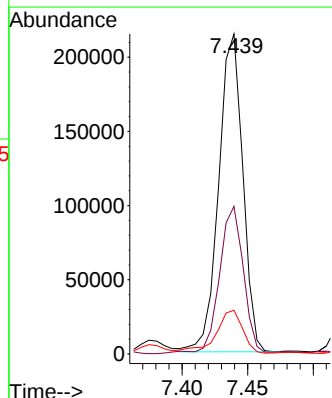
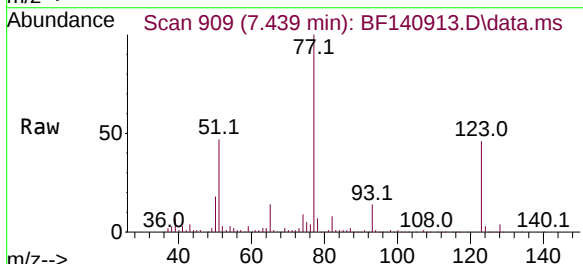
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

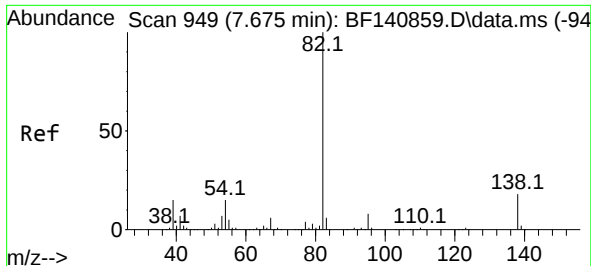
Tgt Ion: 82 Resp: 546214
Ion Ratio Lower Upper
82 100
128 43.5 34.4 51.6
54 48.0 38.8 58.2



#24
Nitrobenzene
Concen: 57.048 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 77 Resp: 273509
Ion Ratio Lower Upper
77 100
123 46.1 35.0 52.4
65 13.6 11.4 17.0

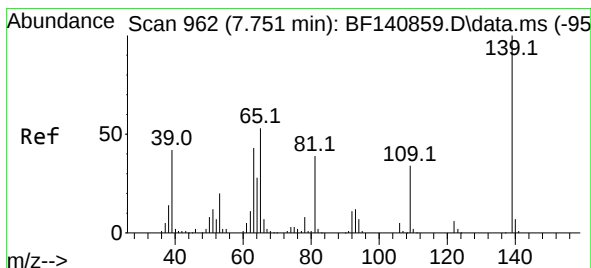
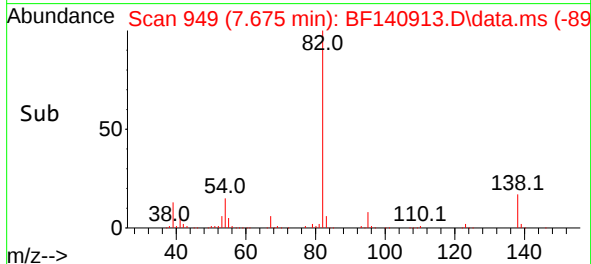
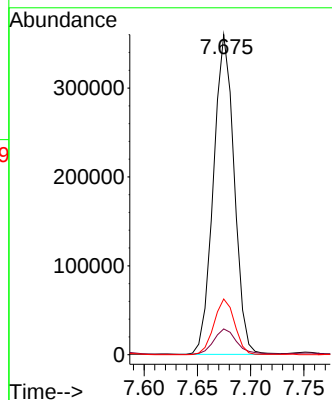
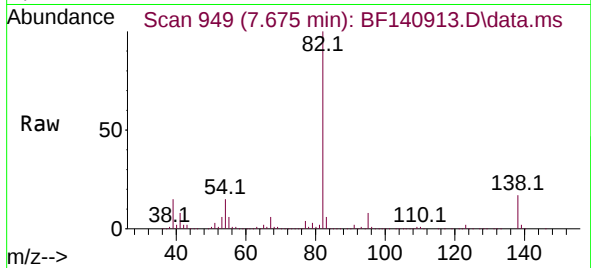




#25
Isophorone
Concen: 62.080 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

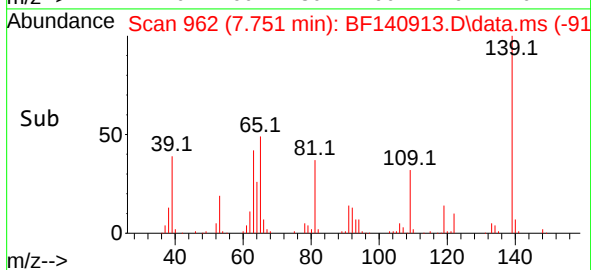
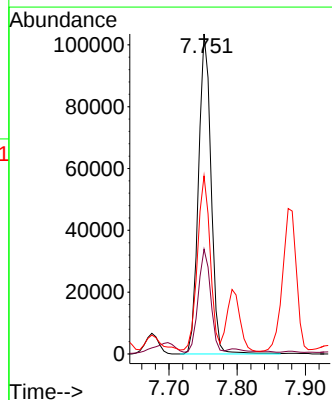
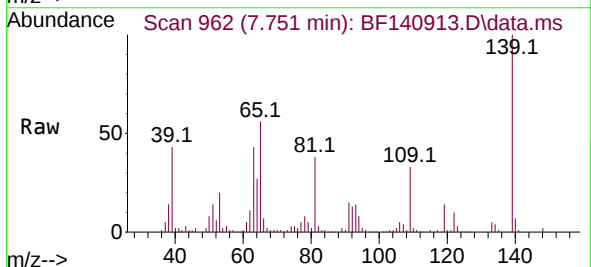
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

Tgt Ion: 82 Resp: 486799
Ion Ratio Lower Upper
82 100
95 8.1 6.3 9.5
138 17.4 14.1 21.1



#26
2-Nitrophenol
Concen: 60.120 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 139 Resp: 132753
Ion Ratio Lower Upper
139 100
109 32.7 26.9 40.3
65 55.6 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 93.285 ng

RT: 7.792 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF140913.D

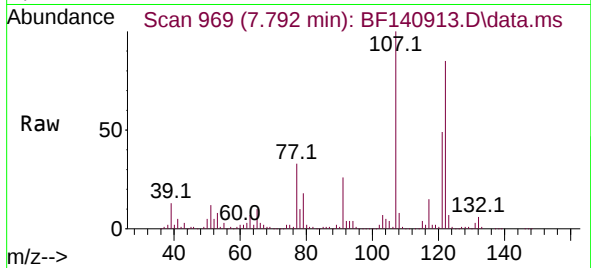
Acq: 18 Dec 2024 18:30

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MSD



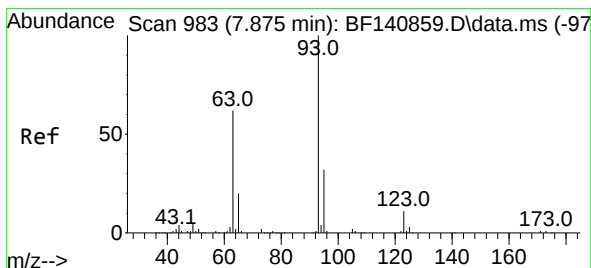
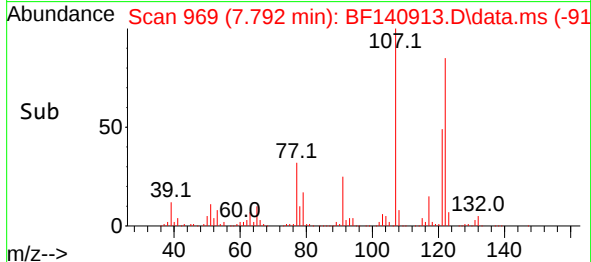
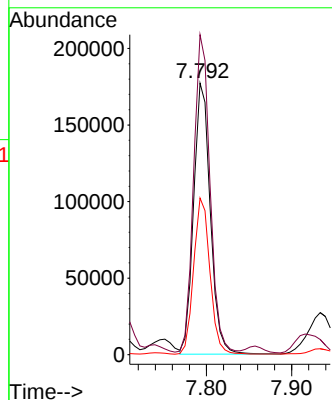
Tgt Ion:122 Resp: 240560

Ion Ratio Lower Upper

122 100

107 117.9 92.6 139.0

121 57.7 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 61.649 ng

RT: 7.881 min Scan# 984

Delta R.T. 0.006 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

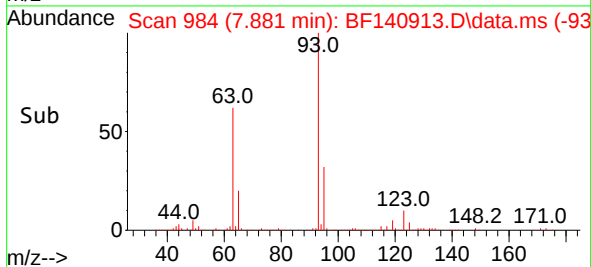
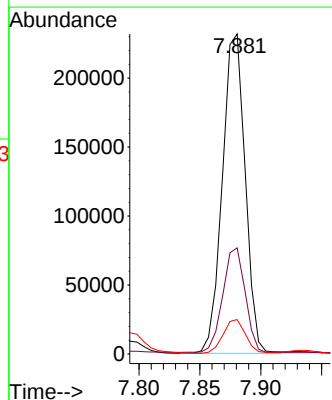
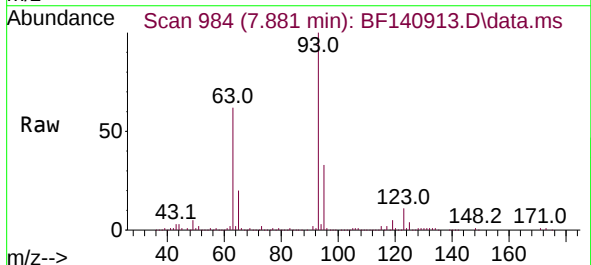
Tgt Ion: 93 Resp: 301928

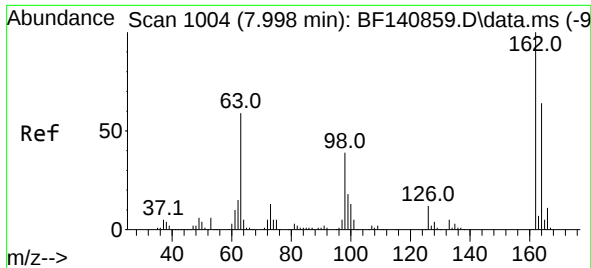
Ion Ratio Lower Upper

93 100

95 33.2 25.3 37.9

123 10.7 8.6 13.0

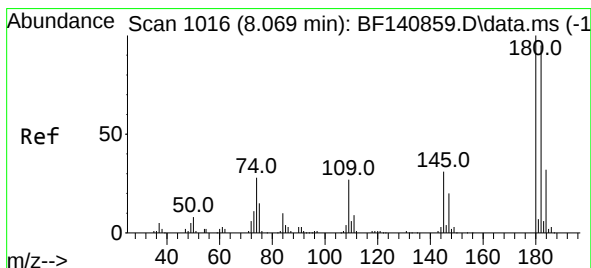
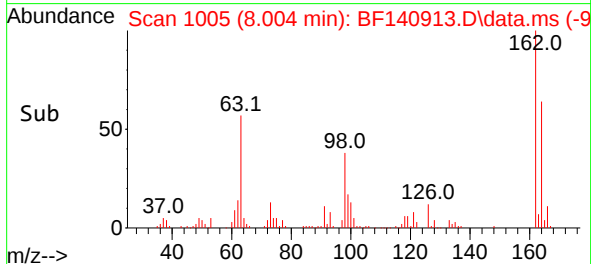
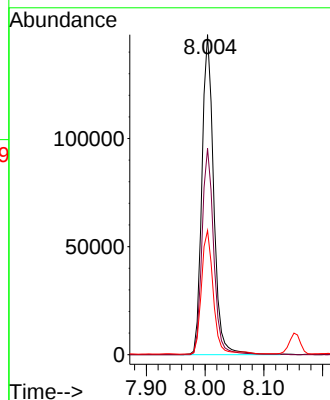
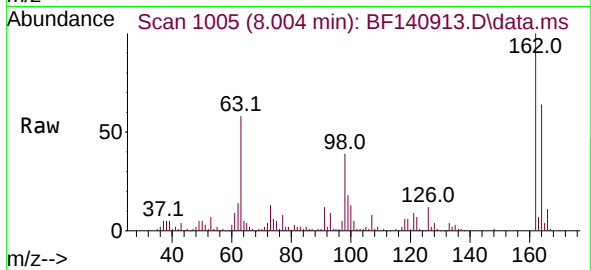




#29
2,4-Dichlorophenol
Concen: 57.620 ng
RT: 8.004 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

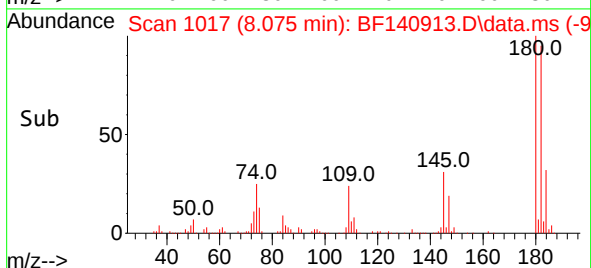
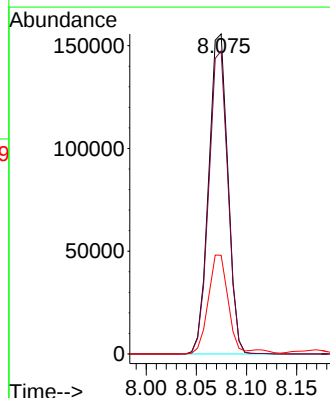
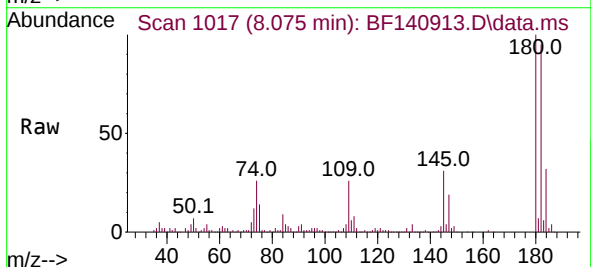
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

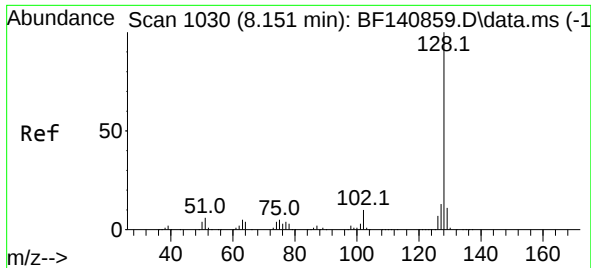
Tgt Ion:162 Resp: 205141
Ion Ratio Lower Upper
162 100
164 64.4 43.7 83.7
98 38.8 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 50.846 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:180 Resp: 207519
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
145 30.9 25.2 37.8

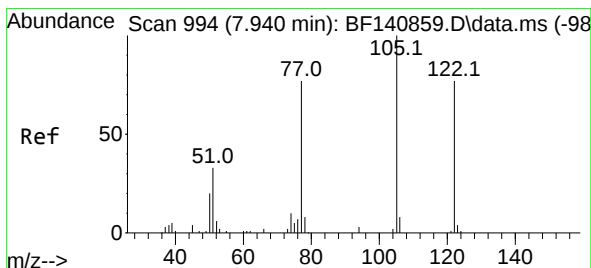
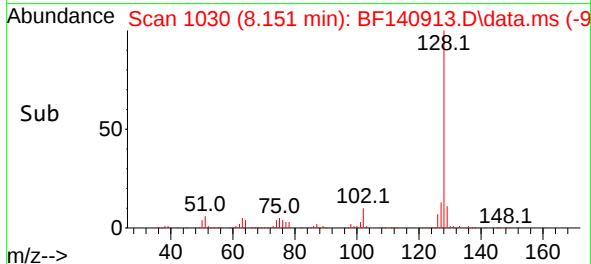
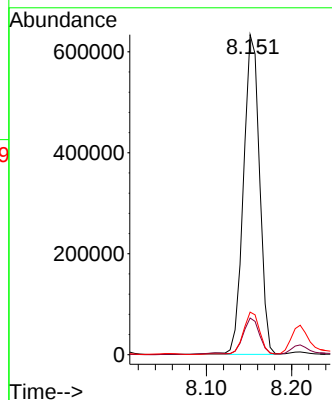
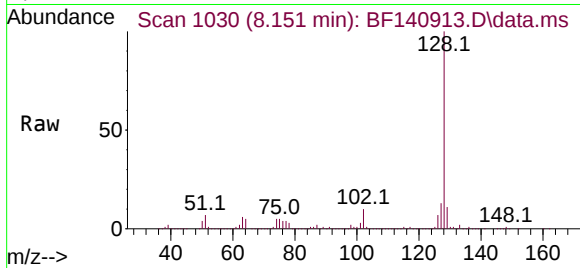




#31
Naphthalene
Concen: 64.512 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

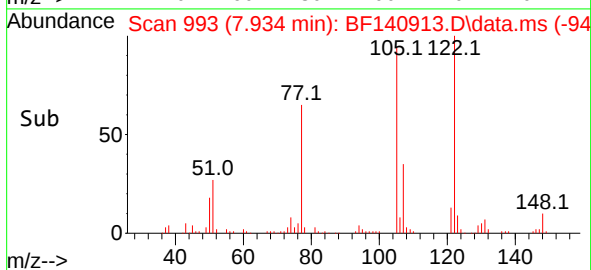
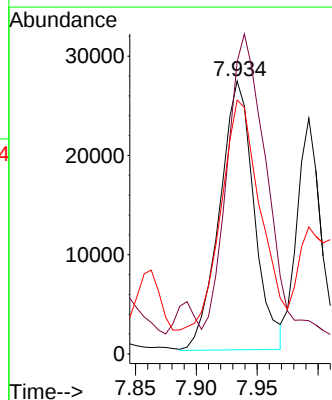
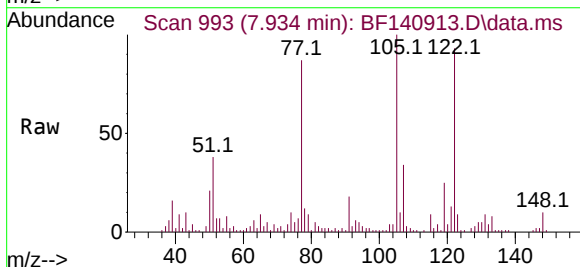
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

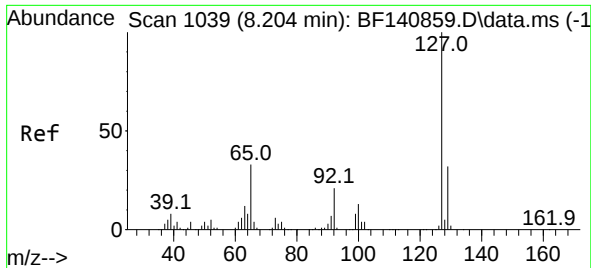
Tgt Ion:128 Resp: 829722
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 21.861 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:122 Resp: 53466
Ion Ratio Lower Upper
122 100
105 107.1 108.3 148.3#
77 93.0 78.8 118.8

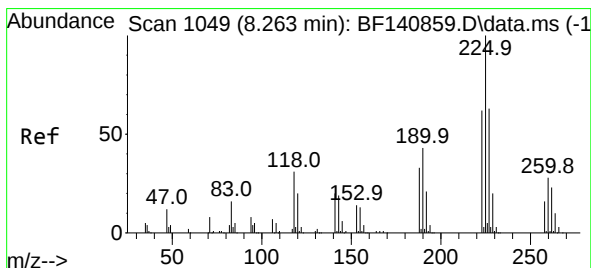
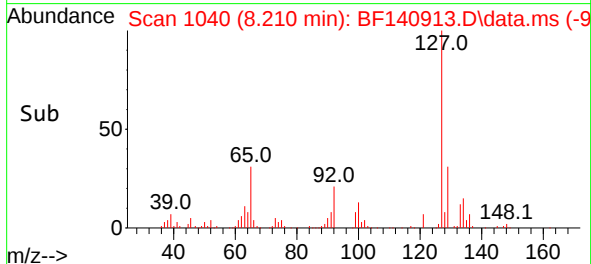
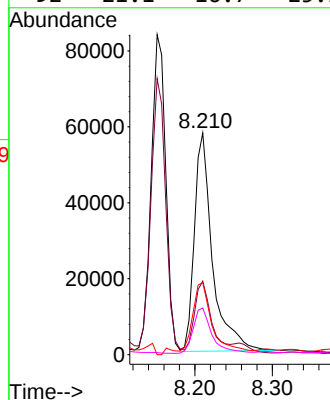
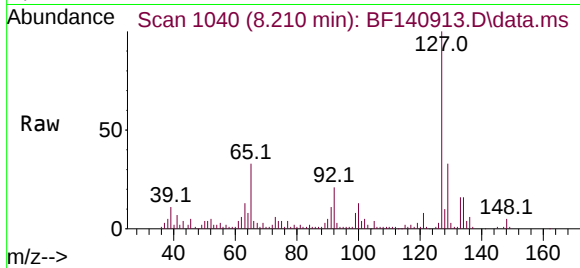




#33
4-Chloroaniline
Concen: 21.837 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

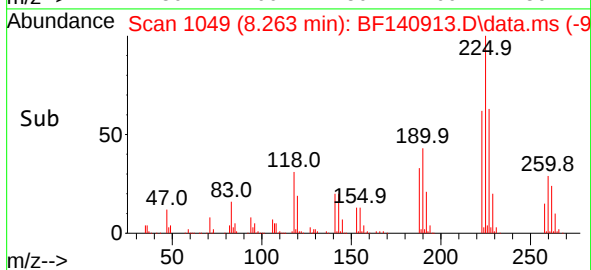
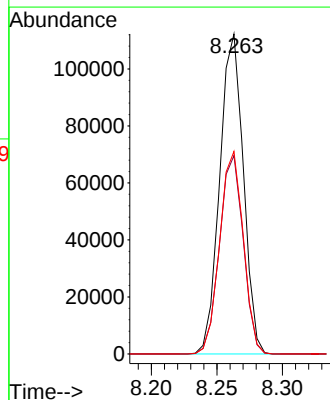
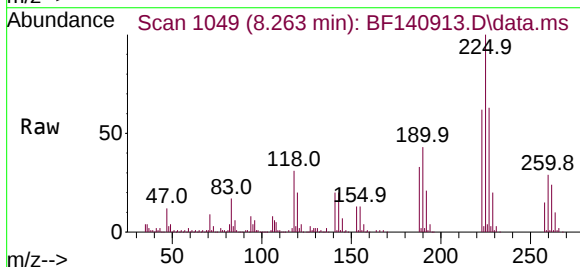
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

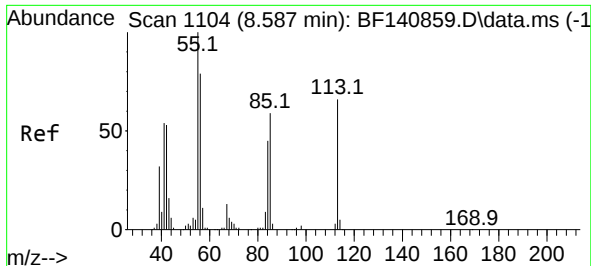
Tgt Ion:127	Resp:	93281
Ion	Ratio	Lower Upper
127	100	
129	33.2	26.0 39.0
65	32.5	26.0 39.0
92	21.1	16.7 25.1



#34
Hexachlorobutadiene
Concen: 51.100 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:225	Resp:	140317
Ion	Ratio	Lower Upper
225	100	
223	62.0	49.6 74.4
227	63.3	50.7 76.1

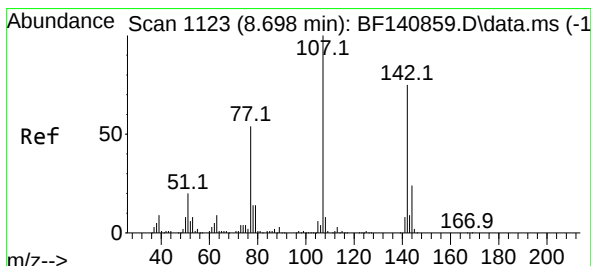
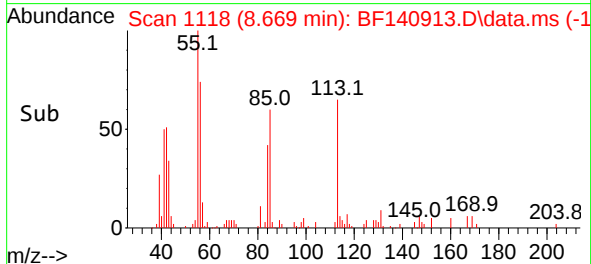
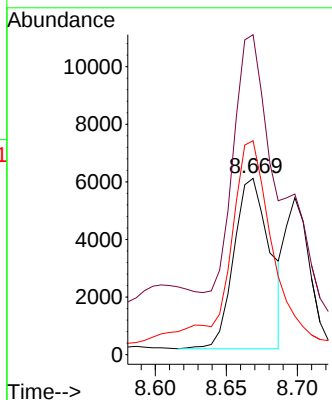
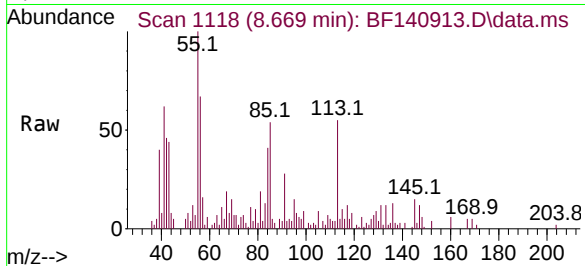




#35
 Caprolactam
 Concen: 9.839 ng
 RT: 8.669 min Scan# 1118
 Delta R.T. 0.082 min
 Lab File: BF140913.D
 Acq: 18 Dec 2024 18:30

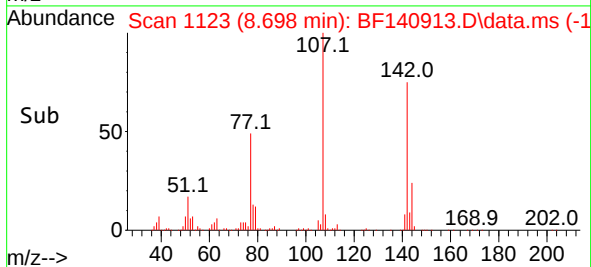
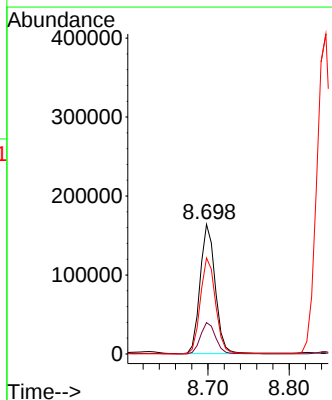
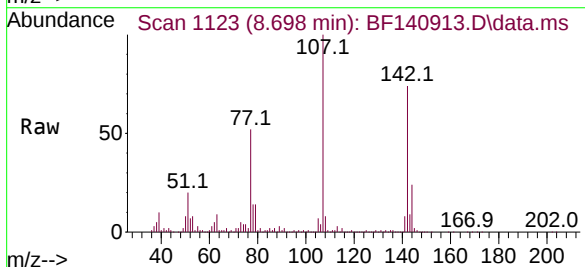
Instrument :
 BNA_F
 ClientSampleId :
 MW6-20241213MSD

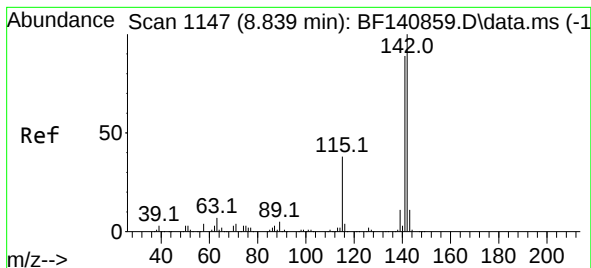
Tgt Ion:113 Resp: 10428
 Ion Ratio Lower Upper
 113 100
 55 181.5 132.3 172.3#
 56 121.3 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 52.825 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. -0.000 min
 Lab File: BF140913.D
 Acq: 18 Dec 2024 18:30

Tgt Ion:107 Resp: 211675
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.4 29.2
 142 74.1 60.3 90.5

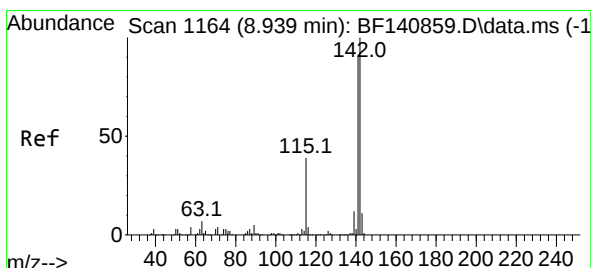
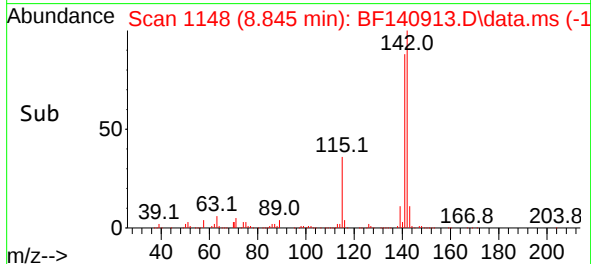
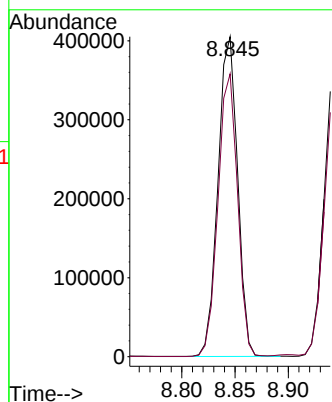
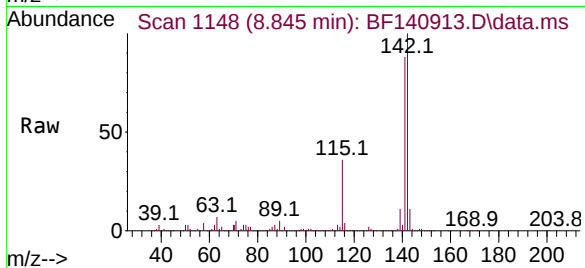




#37
2-Methylnaphthalene
Concen: 60.619 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

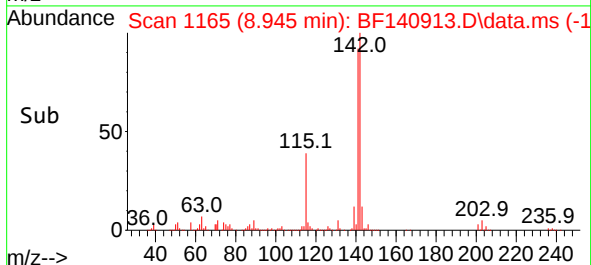
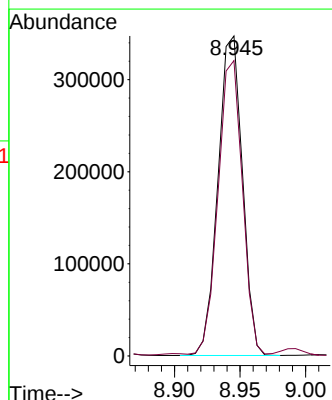
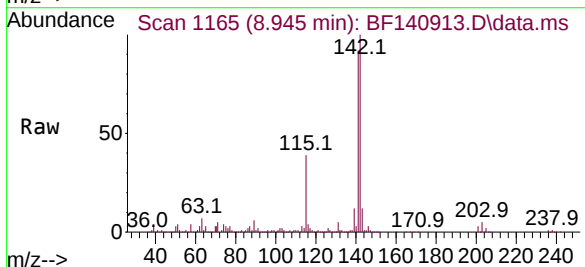
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

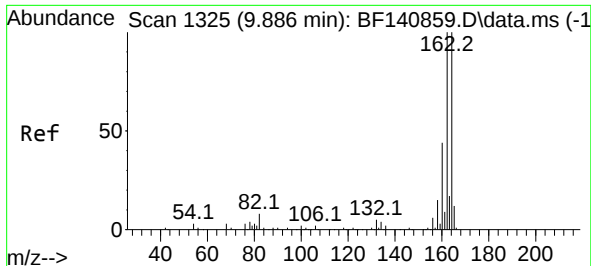
Tgt Ion:142 Resp: 515739
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6



#38
1-Methylnaphthalene
Concen: 53.322 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:142 Resp: 448664
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0

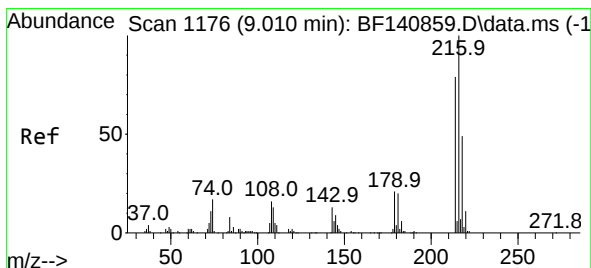
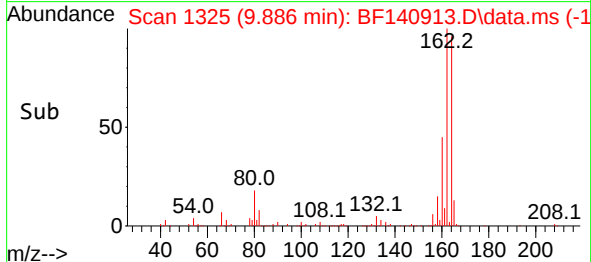
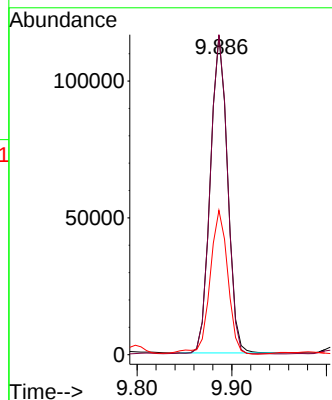
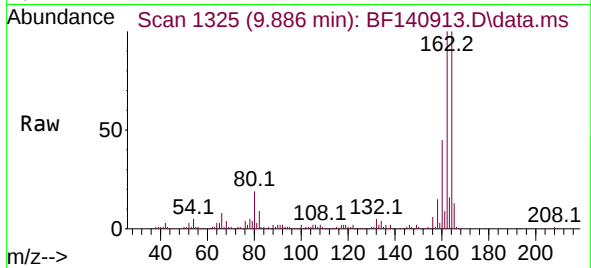




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

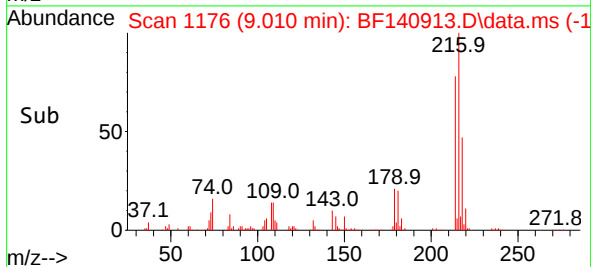
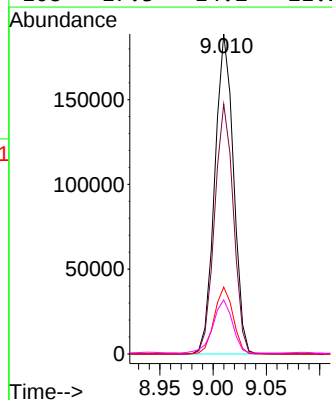
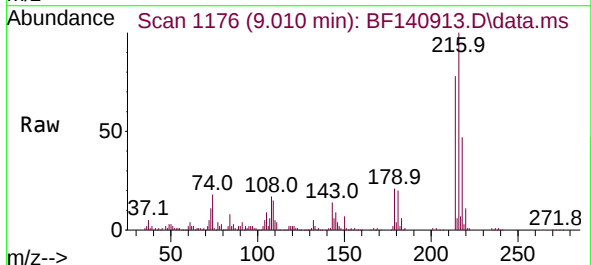
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

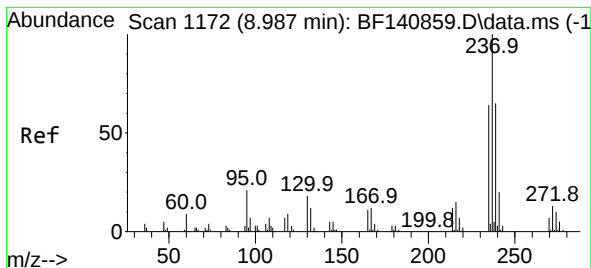
Tgt Ion:164 Resp: 146078
Ion Ratio Lower Upper
164 100
162 100.3 79.9 119.9
160 45.2 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.343 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:216 Resp: 230524
Ion Ratio Lower Upper
216 100
214 78.2 63.6 95.4
179 20.9 17.0 25.4
108 17.3 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 60.019 ng

RT: 8.992 min Scan# 1173

Delta R.T. 0.005 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MSD

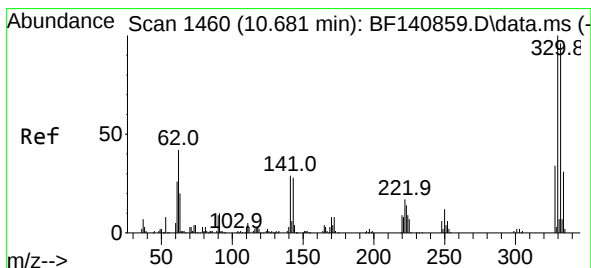
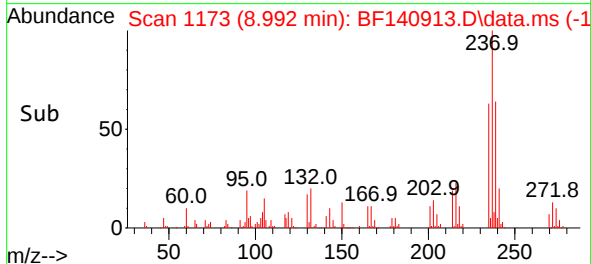
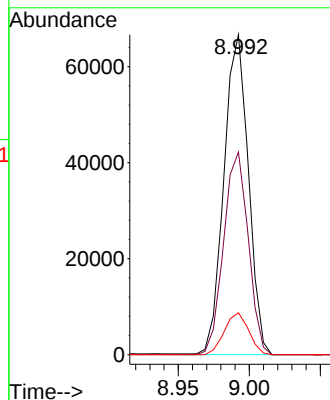
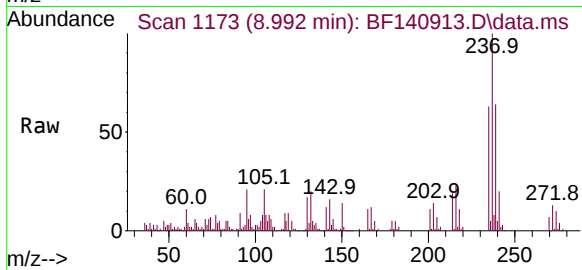
Tgt Ion:237 Resp: 79958

Ion Ratio Lower Upper

237 100

235 63.3 43.7 83.7

272 13.1 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 151.554 ng

RT: 10.686 min Scan# 1461

Delta R.T. 0.006 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

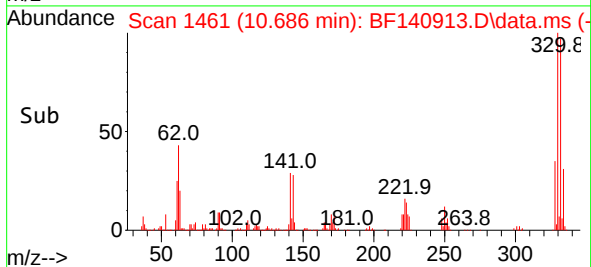
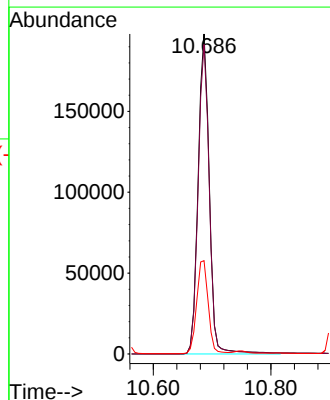
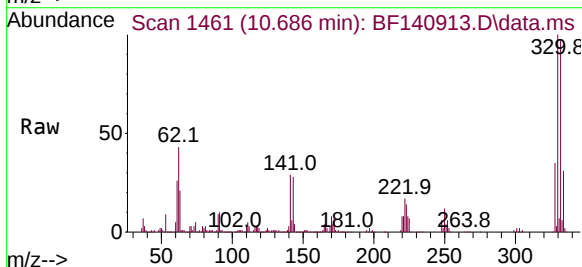
Tgt Ion:330 Resp: 261838

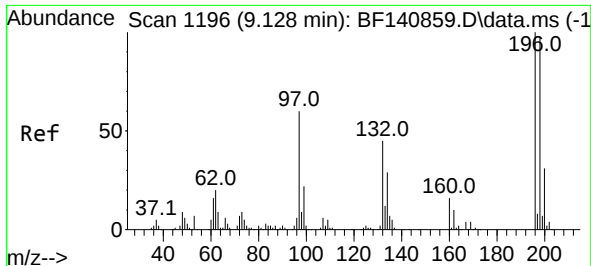
Ion Ratio Lower Upper

330 100

332 97.5 76.2 114.4

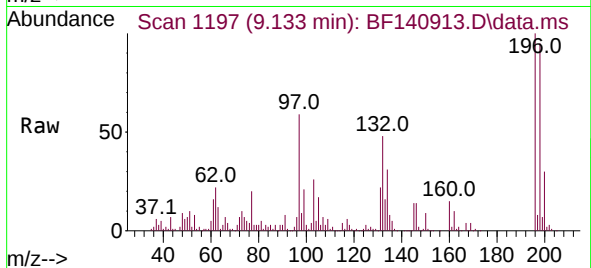
141 30.0 24.9 37.3



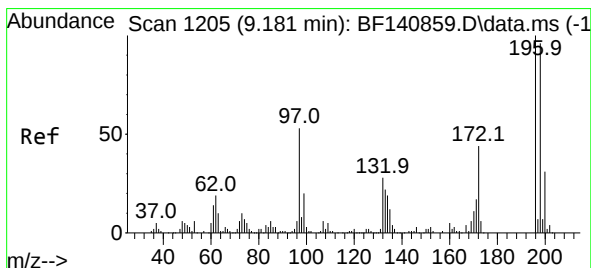
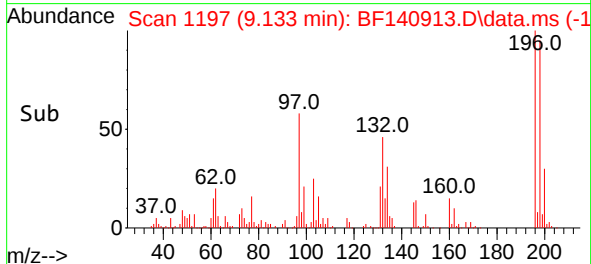
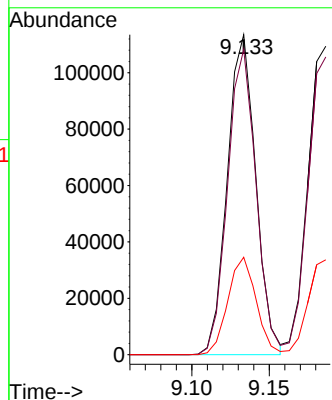


#43
2,4,6-Trichlorophenol
Concen: 52.728 ng
RT: 9.133 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

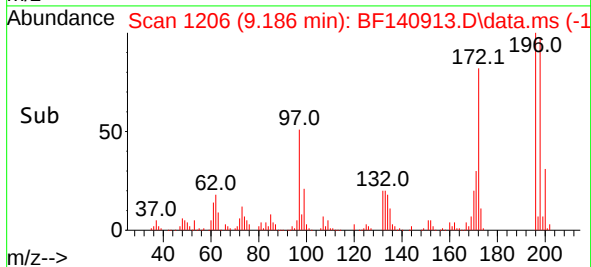
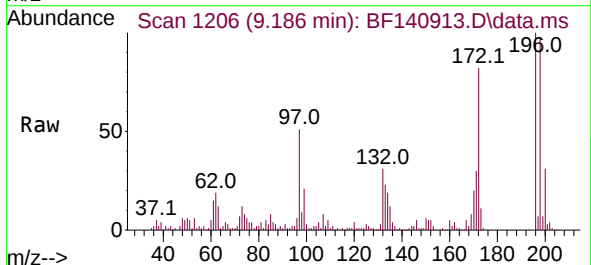
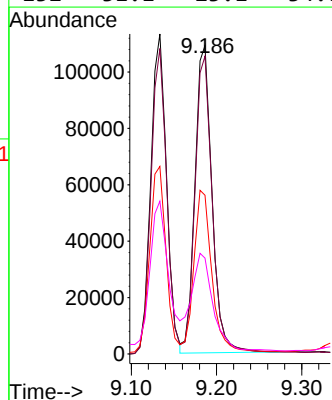


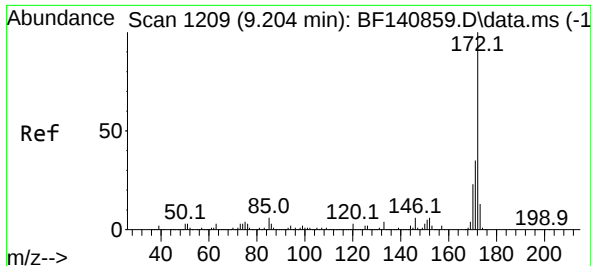
Tgt Ion:196 Resp: 144964
Ion Ratio Lower Upper
196 100
198 95.4 77.4 116.0
200 30.5 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 50.197 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:196 Resp: 151686
Ion Ratio Lower Upper
196 100
198 96.5 77.2 115.8
97 51.5 42.2 63.4
132 31.1 23.1 34.7

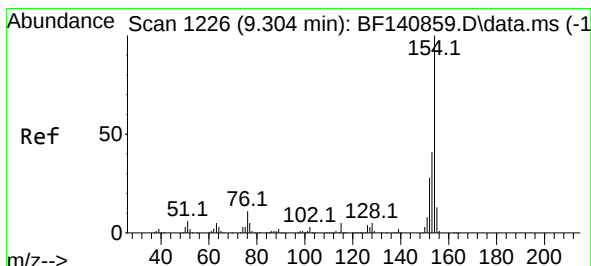
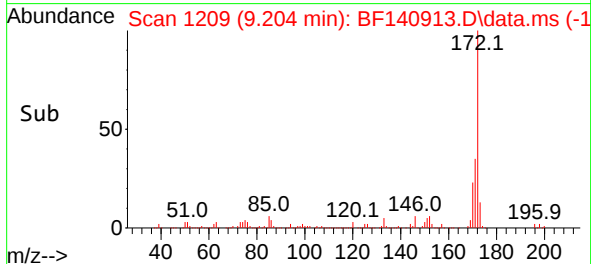
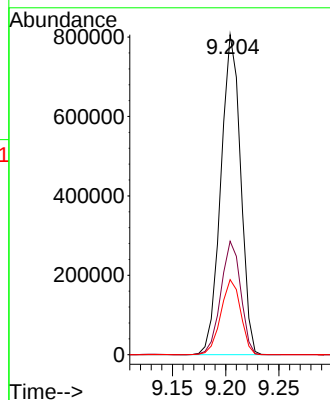
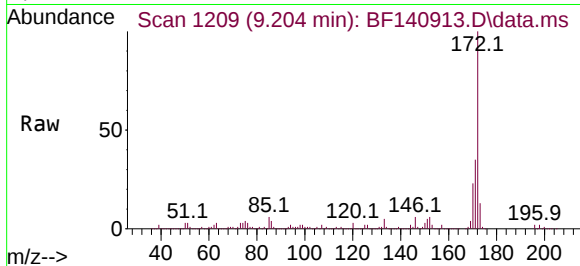




#45
2-Fluorobiphenyl
Concen: 97.769 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

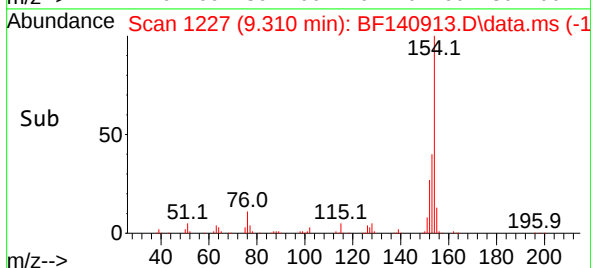
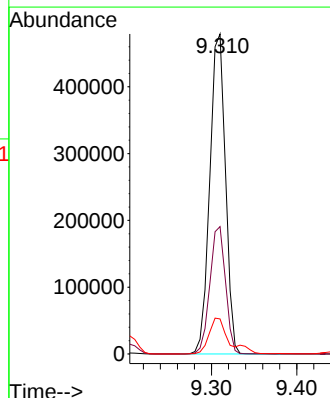
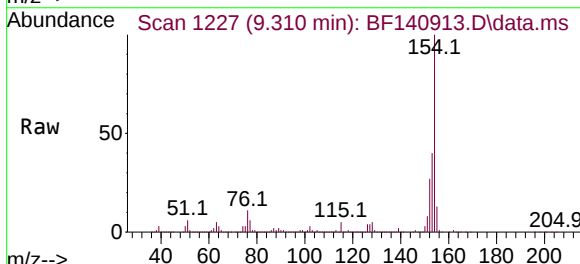
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

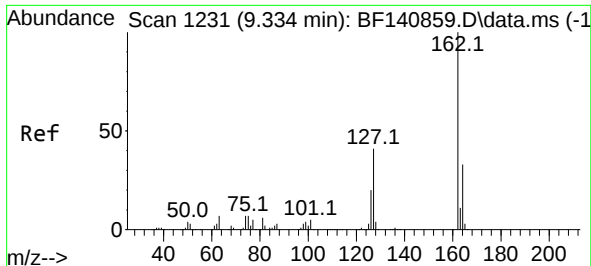
Tgt Ion:172 Resp: 1038792
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 52.665 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:154 Resp: 611751
Ion Ratio Lower Upper
154 100
153 39.8 20.8 60.8
76 11.0 0.0 31.0

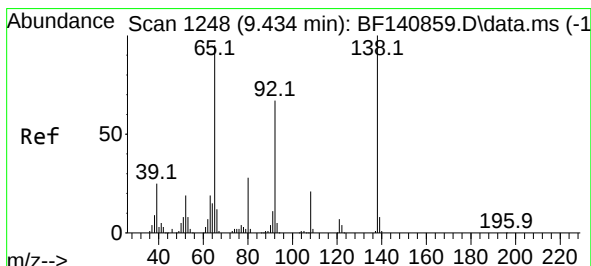
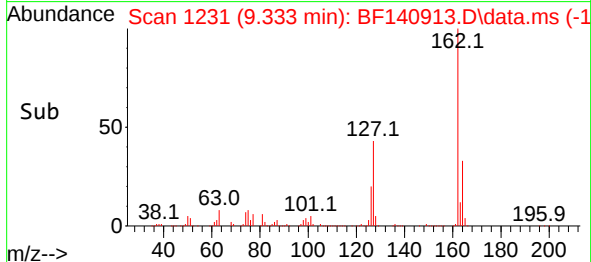
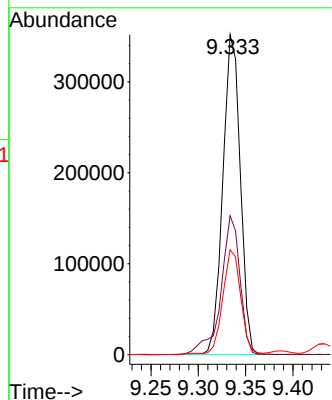
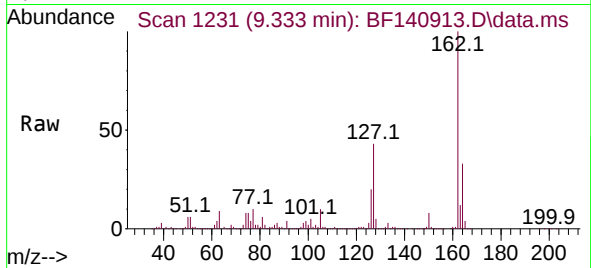




#47
2-Chloronaphthalene
Concen: 50.728 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

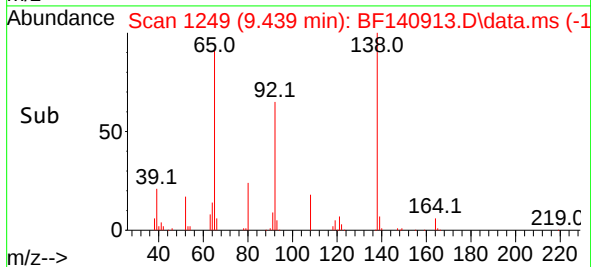
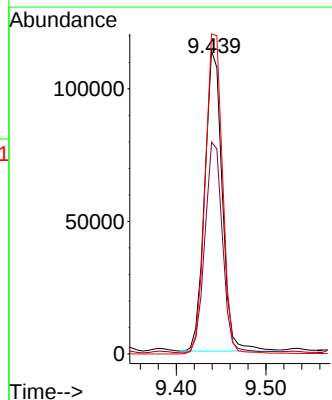
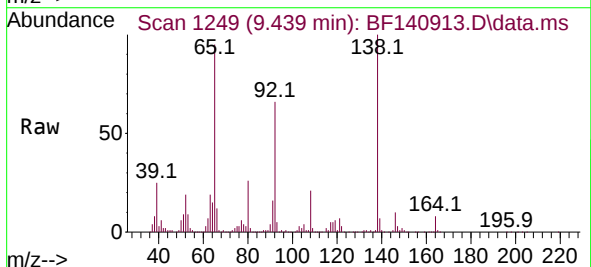
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

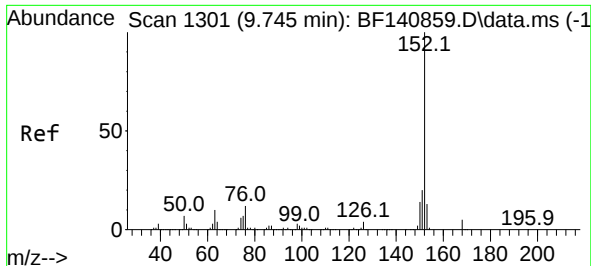
Tgt Ion:162 Resp: 450788
Ion Ratio Lower Upper
162 100
127 43.4 33.5 50.3
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 57.306 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion: 65 Resp: 153798
Ion Ratio Lower Upper
65 100
92 69.9 56.3 84.5
138 105.5 83.8 125.6

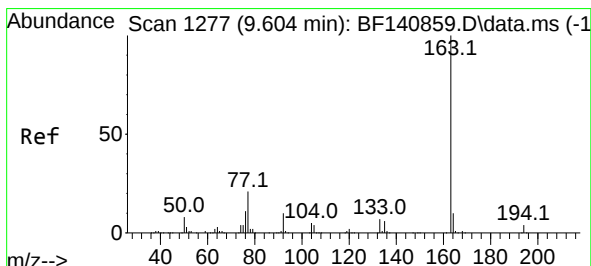
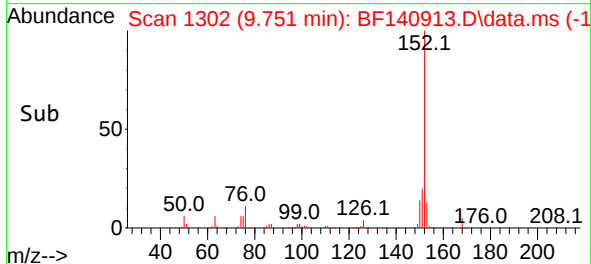
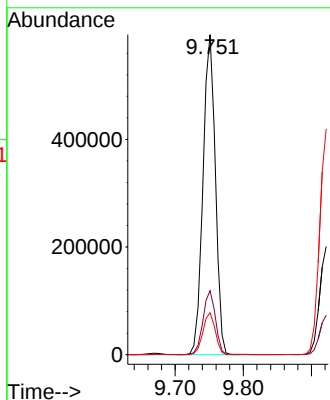
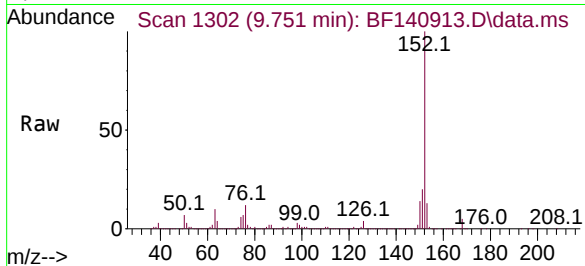




#49
Acenaphthylene
Concen: 57.404 ng
RT: 9.751 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

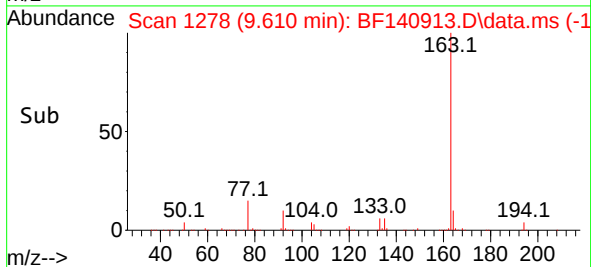
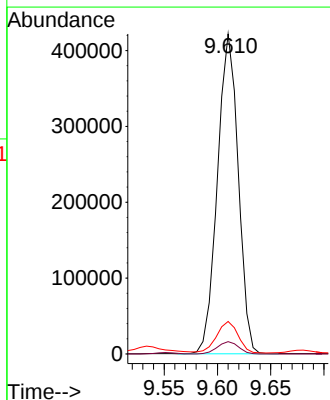
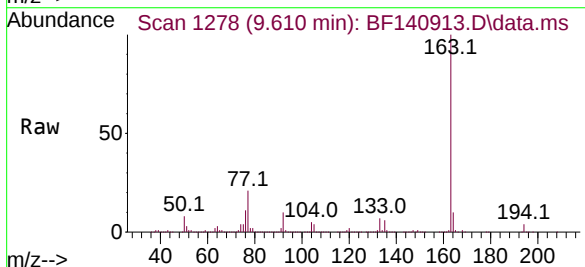
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

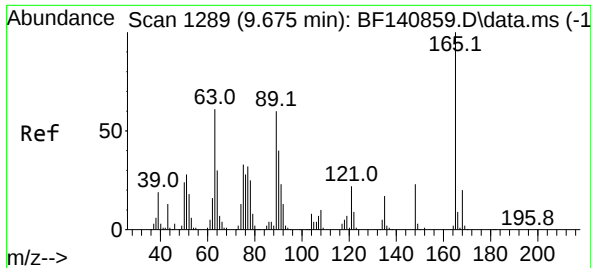
Tgt Ion:152 Resp: 749641
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.1 10.6 16.0



#50
Dimethylphthalate
Concen: 55.479 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:163 Resp: 571367
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.1 12.1

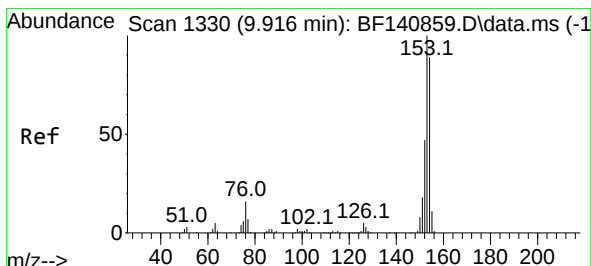
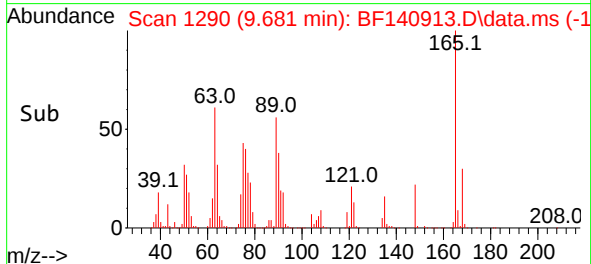
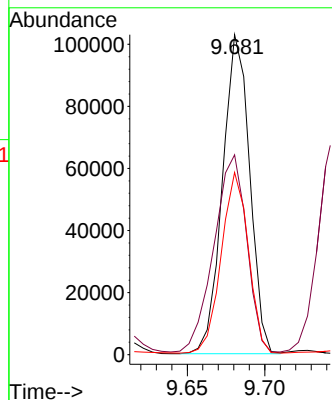
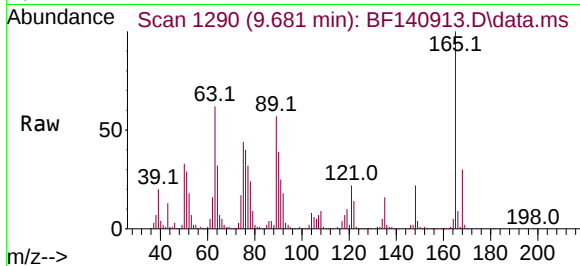




#51
2,6-Dinitrotoluene
Concen: 53.265 ng
RT: 9.681 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

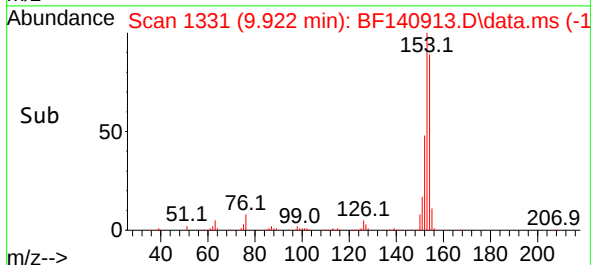
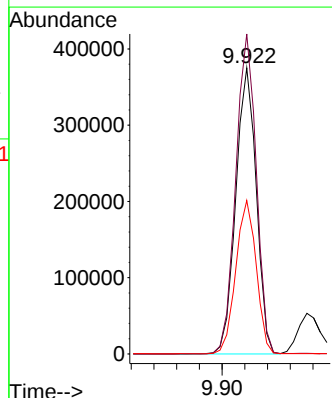
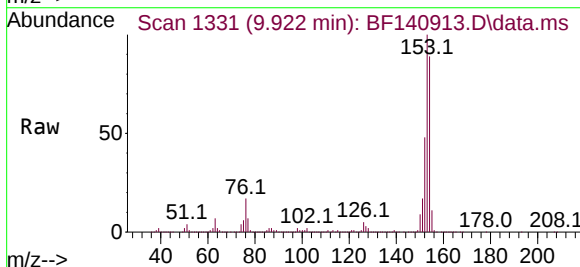
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

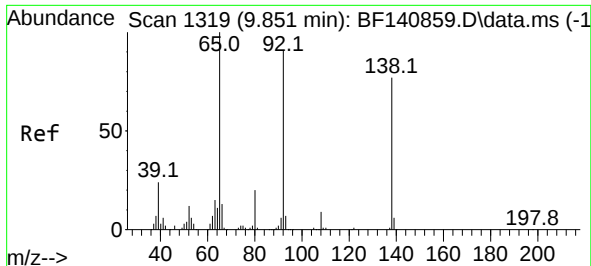
Tgt Ion:165 Resp: 125408
Ion Ratio Lower Upper
165 100
63 62.5 49.7 74.5
89 56.9 48.2 72.4



#52
Acenaphthene
Concen: 56.231 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:154 Resp: 469069
Ion Ratio Lower Upper
154 100
153 111.8 89.9 134.9
152 53.6 42.6 63.8

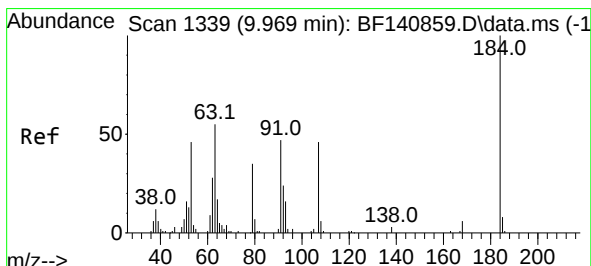
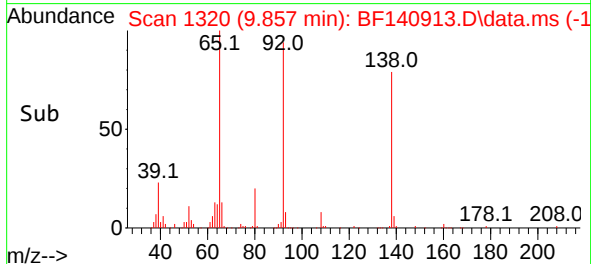
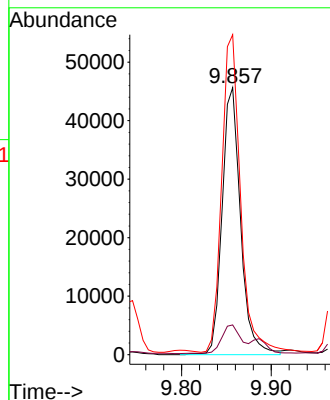
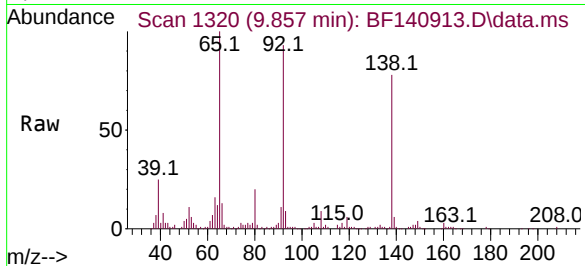




#53
3-Nitroaniline
Concen: 27.888 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

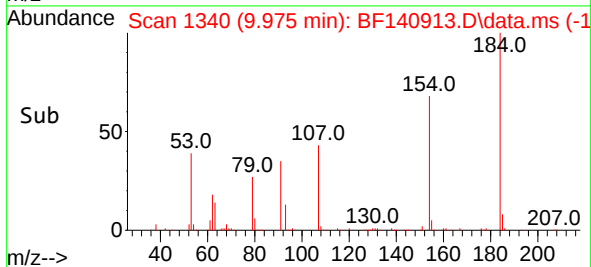
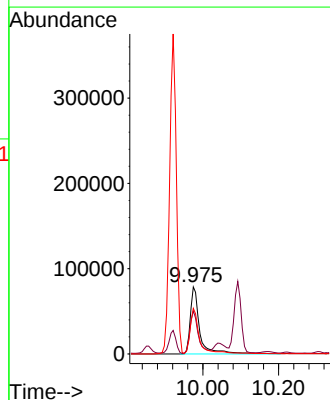
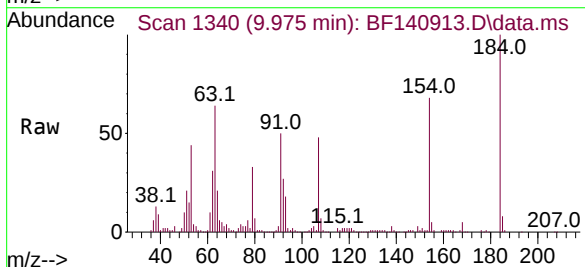
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

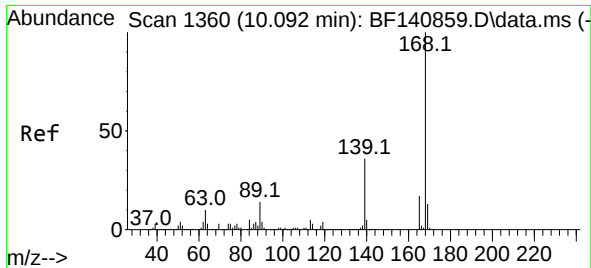
Tgt Ion:138 Resp: 65160
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 119.8 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 116.014 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:184 Resp: 136957
Ion Ratio Lower Upper
184 100
63 64.3 51.6 77.4
154 68.0 56.1 84.1

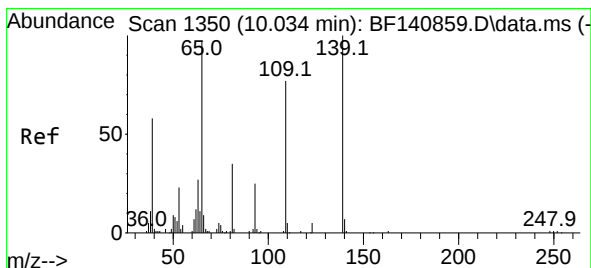
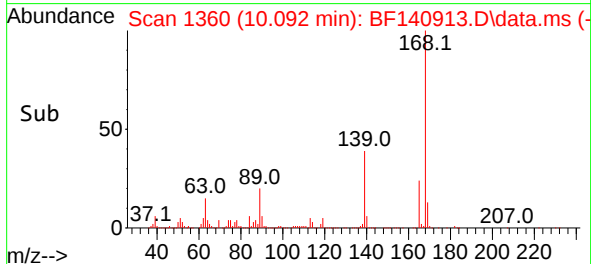
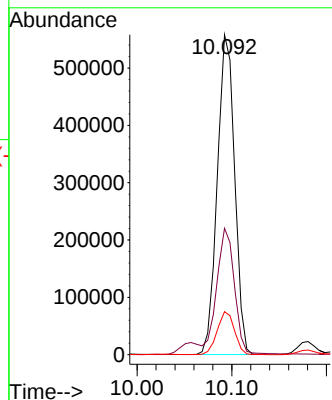
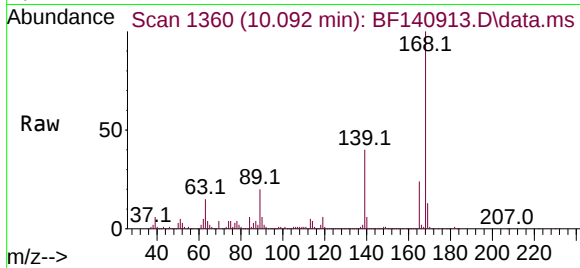




#55
Dibenzenofuran
Concen: 55.039 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

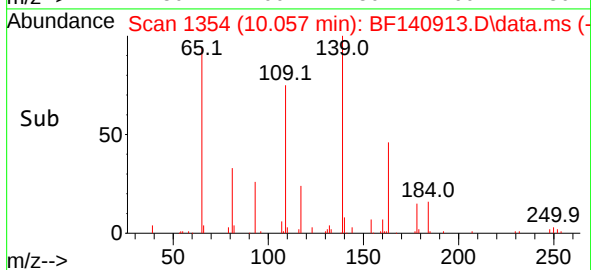
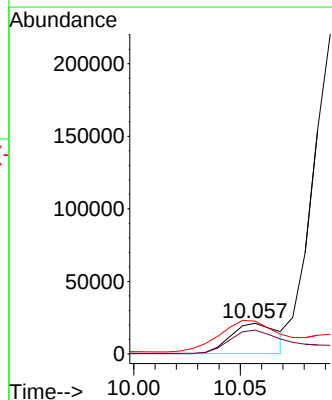
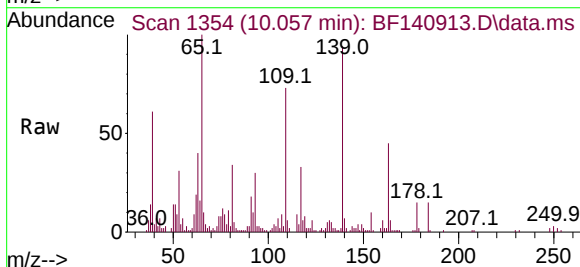
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

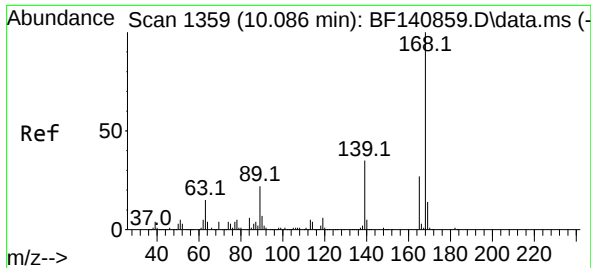
Tgt Ion:168 Resp: 711446
Ion Ratio Lower Upper
168 100
139 39.5 31.1 46.7
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 28.336 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.023 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:139 Resp: 31796
Ion Ratio Lower Upper
139 100
109 77.5 56.7 96.7
65 106.6 78.1 118.1

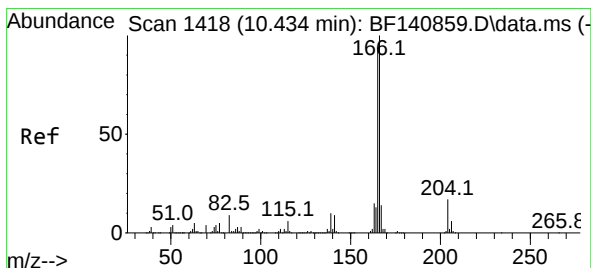
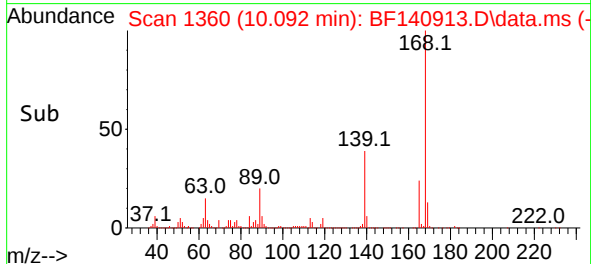
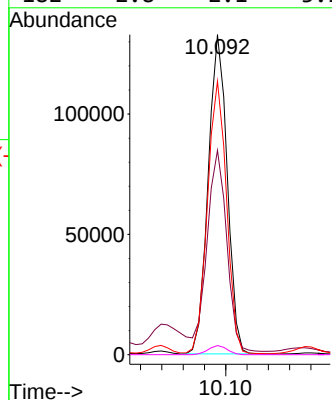
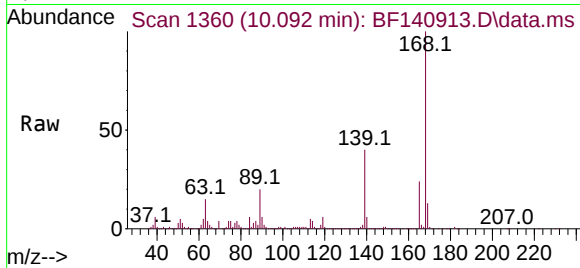




#57
2,4-Dinitrotoluene
Concen: 53.226 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

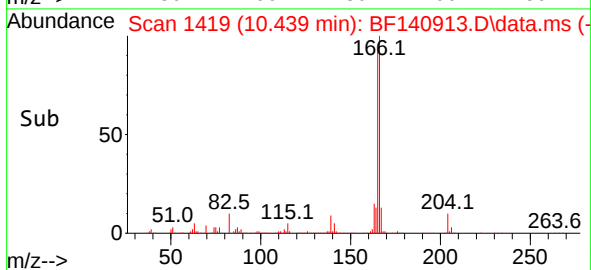
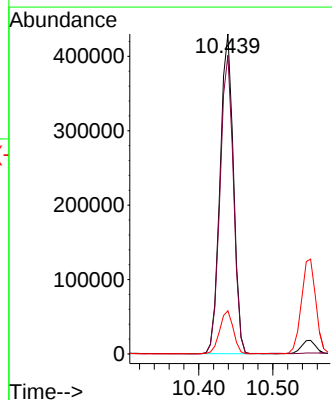
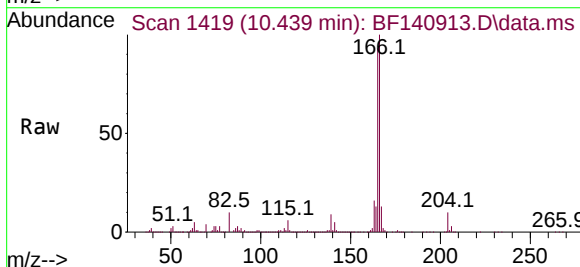
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

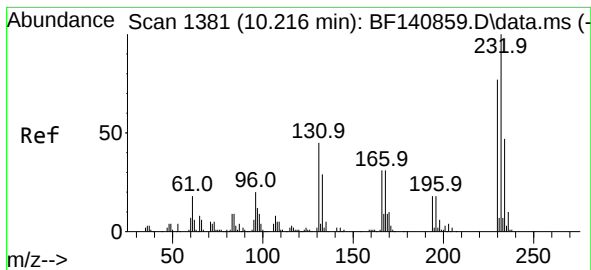
Tgt Ion:165 Resp: 164882
Ion Ratio Lower Upper
165 100
63 63.9 49.3 73.9
89 85.4 66.2 99.4
182 2.8 2.1 3.1



#58
Fluorene
Concen: 50.593 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

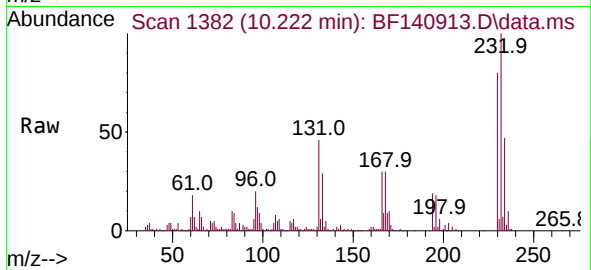
Tgt Ion:166 Resp: 539522
Ion Ratio Lower Upper
166 100
165 93.3 75.1 112.7
167 13.5 11.1 16.7



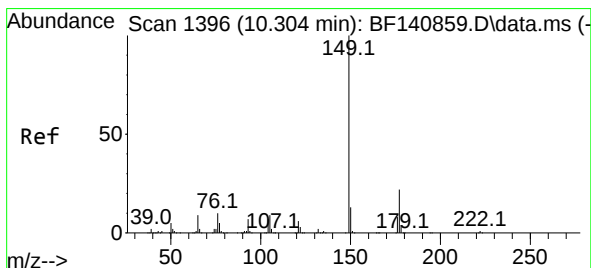
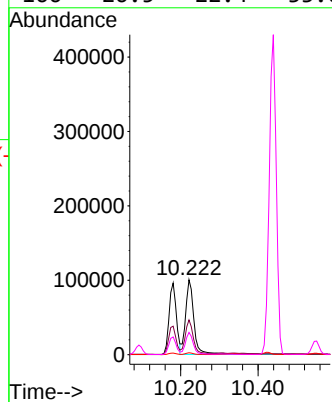
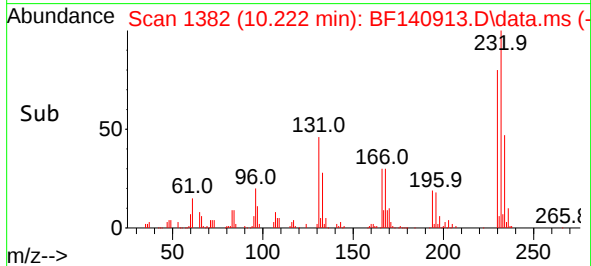


#59
2,3,4,6-Tetrachlorophenol
Concen: 61.764 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

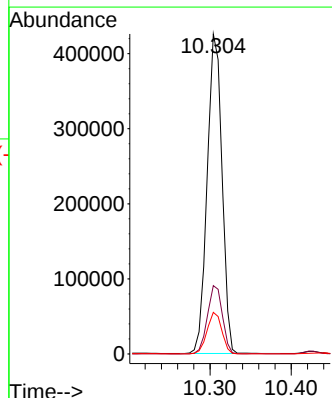
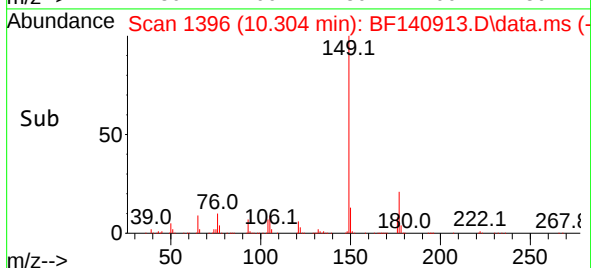
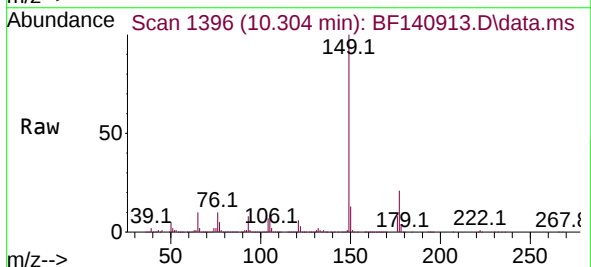


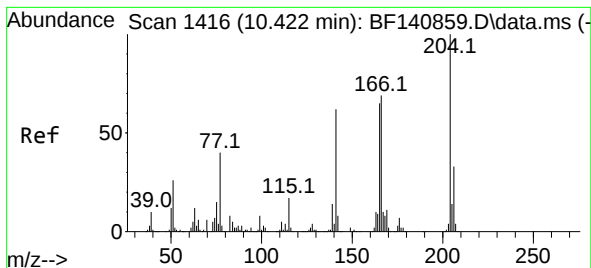
Tgt Ion:232 Resp: 152084
Ion Ratio Lower Upper
232 100
131 41.7 35.1 52.7
130 2.2 1.8 2.8
166 26.5 22.4 33.6



#60
Diethylphthalate
Concen: 50.400 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:149 Resp: 538247
Ion Ratio Lower Upper
149 100
177 21.4 17.2 25.8
150 13.0 10.1 15.1

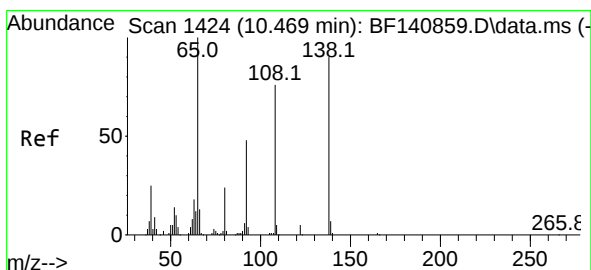
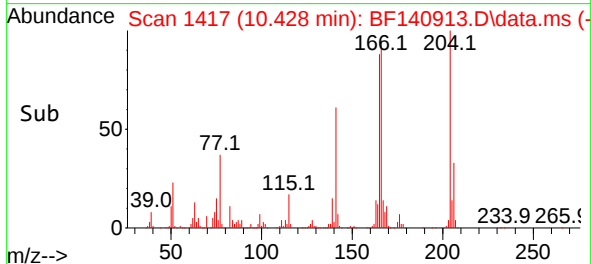
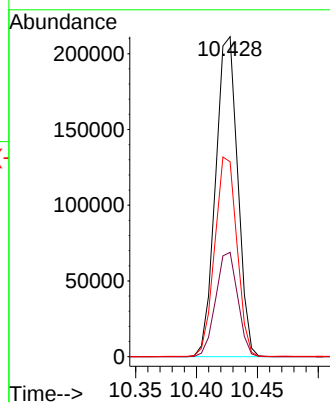
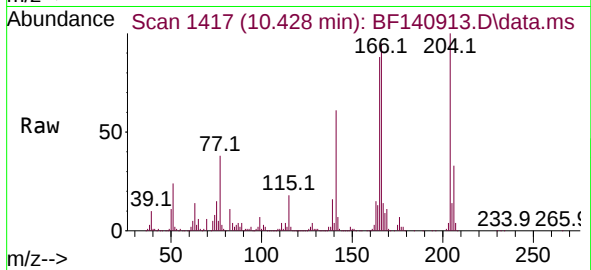




#61
4-Chlorophenyl-phenylether
Concen: 49.933 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

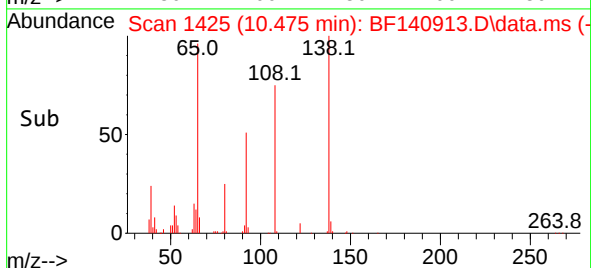
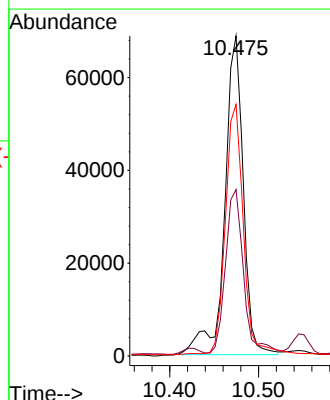
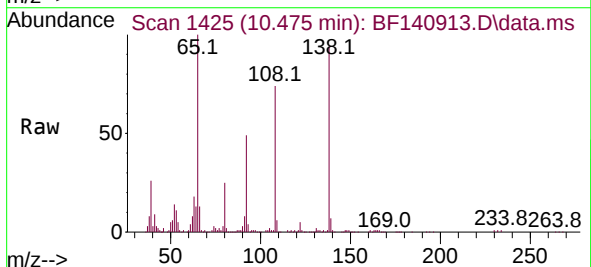
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

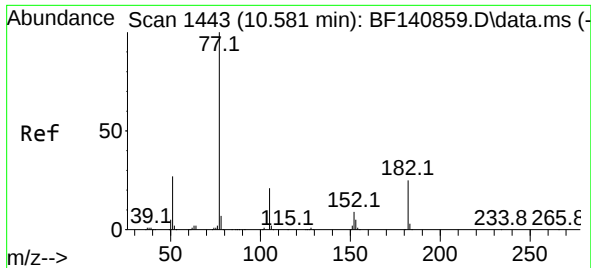
Tgt Ion:204 Resp: 267481
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 60.9 50.0 75.0



#62
4-Nitroaniline
Concen: 40.801 ng m
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:138 Resp: 99619
Ion Ratio Lower Upper
138 100
92 52.0 32.6 72.6
108 78.6 64.1 104.1

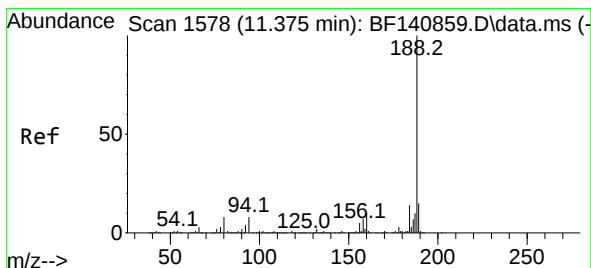
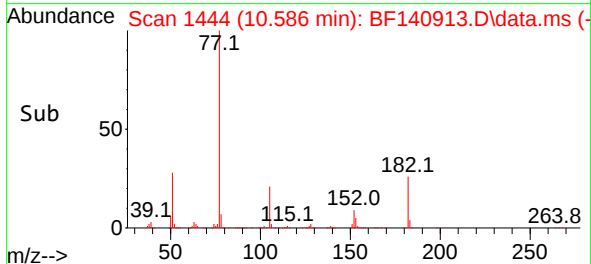
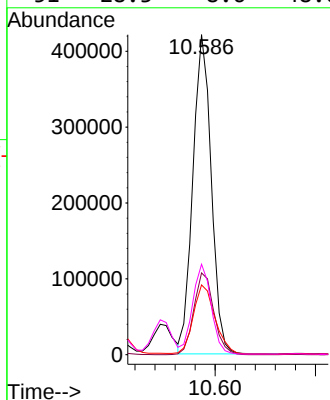
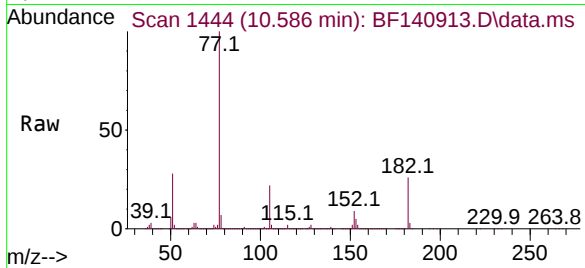




#63
Azobenzene
Concen: 53.383 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

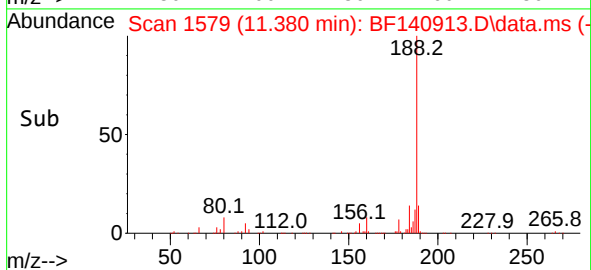
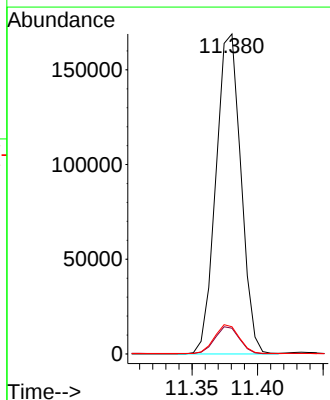
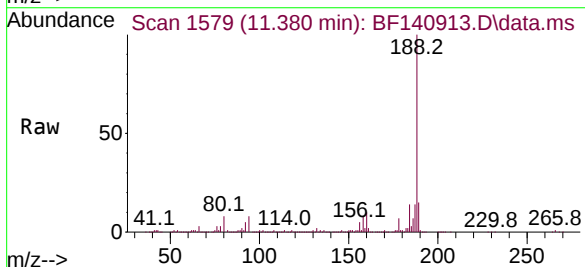
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

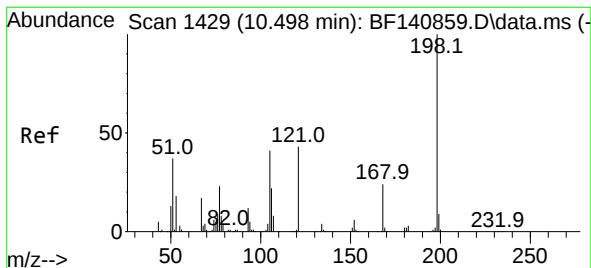
Tgt Ion: 77	Resp: 535961
Ion Ratio	Lower Upper
77 100	
182 25.6	4.5 44.5
105 21.8	0.9 40.9
51 28.3	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:188	Resp: 223868
Ion Ratio	Lower Upper
188 100	
94 8.0	6.4 9.6
80 8.5	6.8 10.2

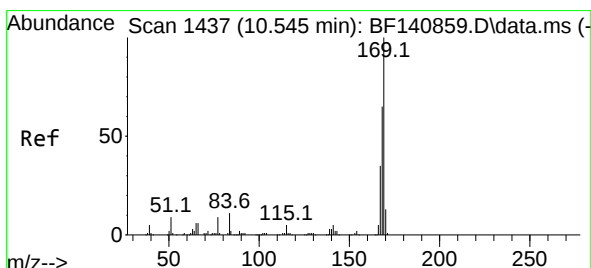
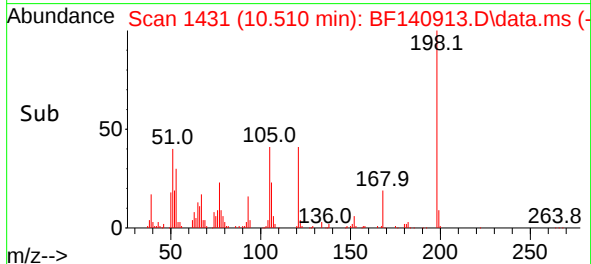
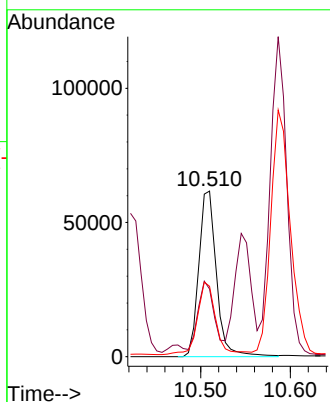
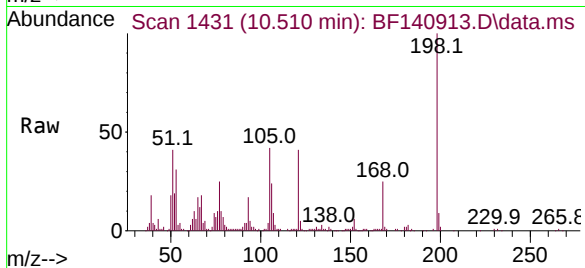




#65
4,6-Dinitro-2-methylphenol
Concen: 66.618 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

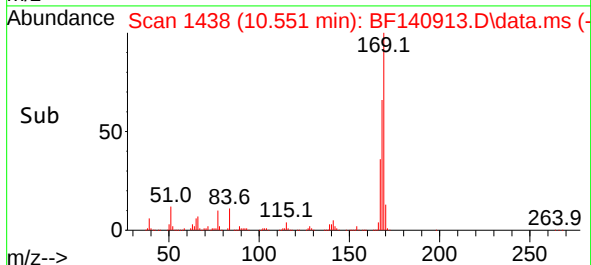
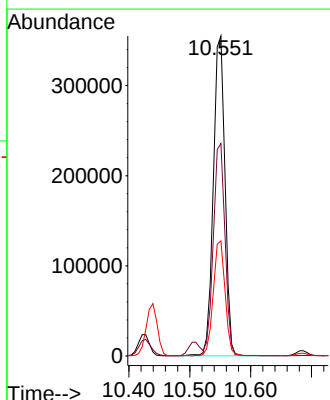
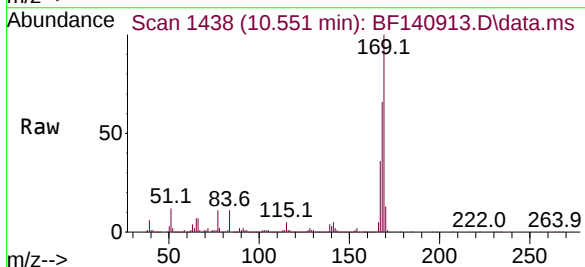
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

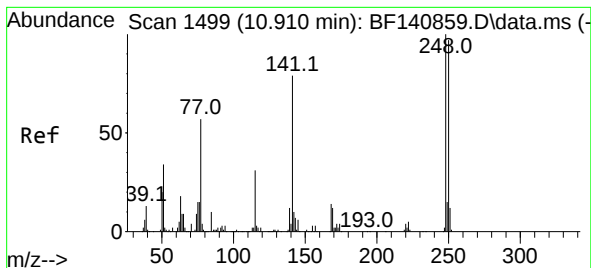
Tgt Ion:198 Resp: 84509
Ion Ratio Lower Upper
198 100
51 40.9 24.4 64.4
105 42.5 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 68.309 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:169 Resp: 470169
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 35.9 28.3 42.5

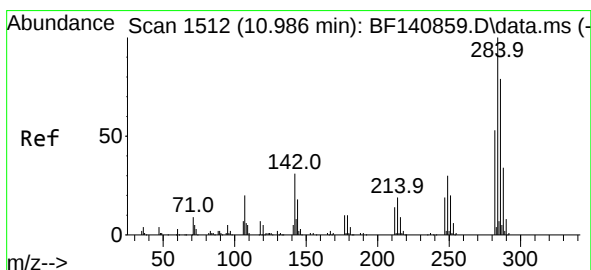
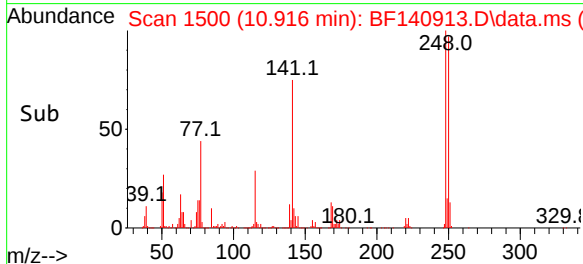
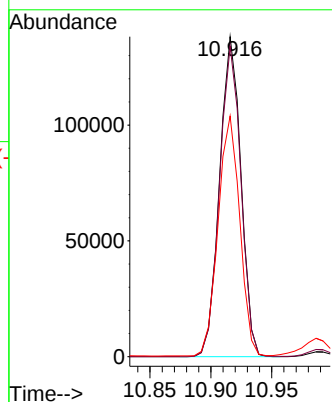
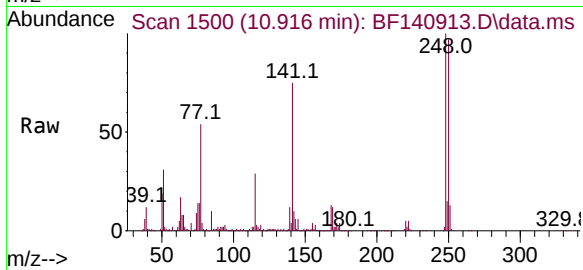




#67
4-Bromophenyl-phenylether
Concen: 67.273 ng
RT: 10.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

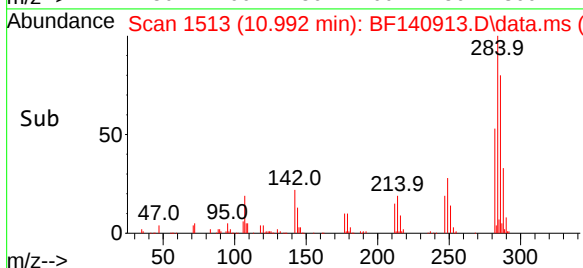
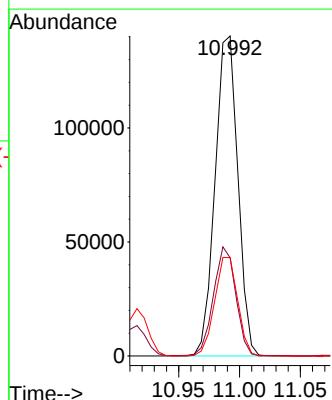
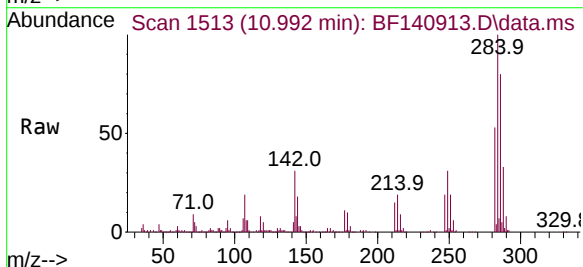
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

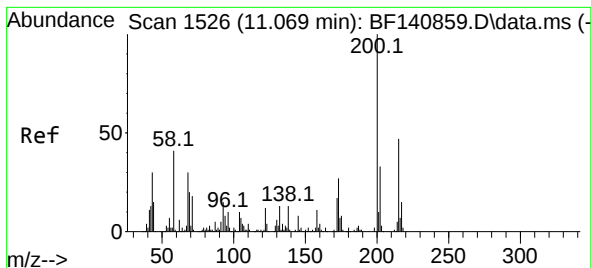
Tgt Ion:248 Resp: 168484
Ion Ratio Lower Upper
248 100
250 97.0 77.4 116.2
141 75.2 62.9 94.3



#68
Hexachlorobenzene
Concen: 64.288 ng
RT: 10.992 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:284 Resp: 182549
Ion Ratio Lower Upper
284 100
142 30.7 24.6 36.8
249 30.8 24.3 36.5





#69

Atrazine

Concen: 75.385 ng

RT: 11.080 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MSD

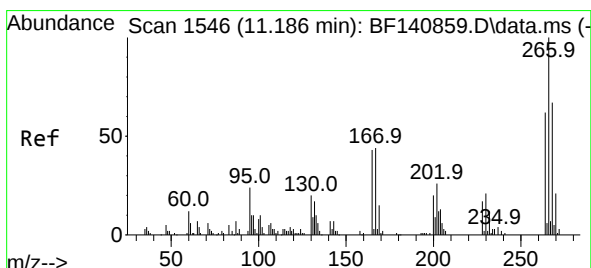
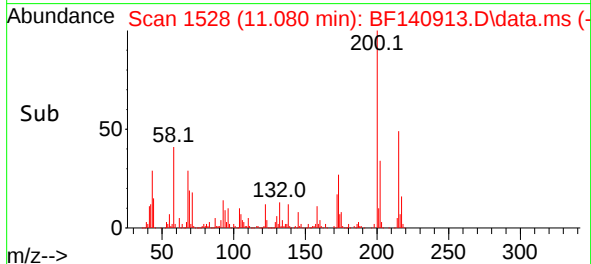
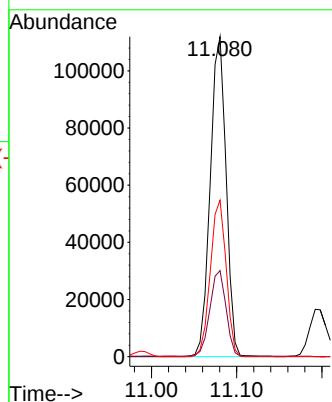
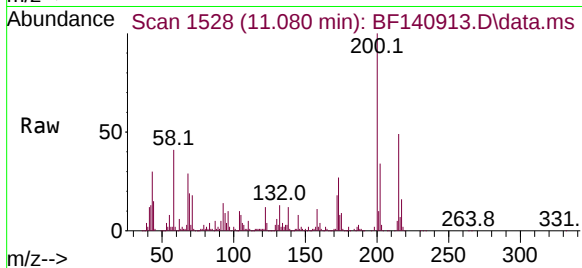
Tgt Ion:200 Resp: 144914

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

215 48.9 26.7 66.7



#70

Pentachlorophenol

Concen: 155.865 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

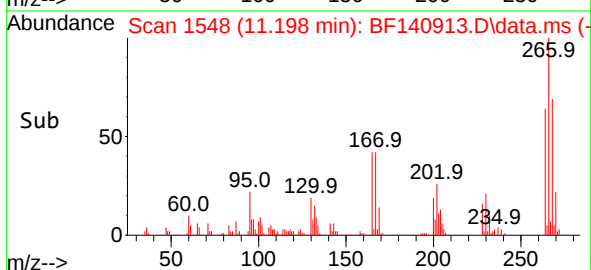
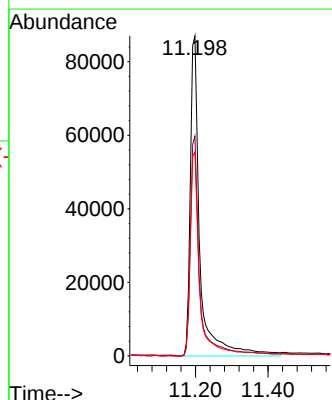
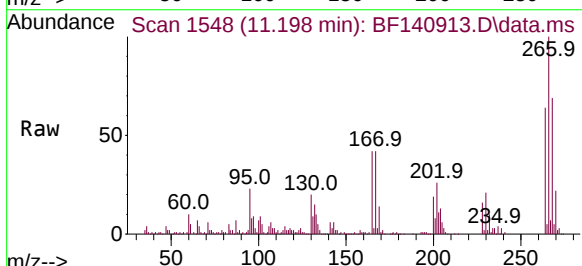
Tgt Ion:266 Resp: 161812

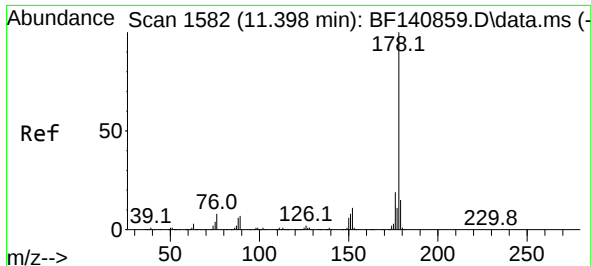
Ion Ratio Lower Upper

266 100

268 68.7 54.0 81.0

264 63.7 49.4 74.2

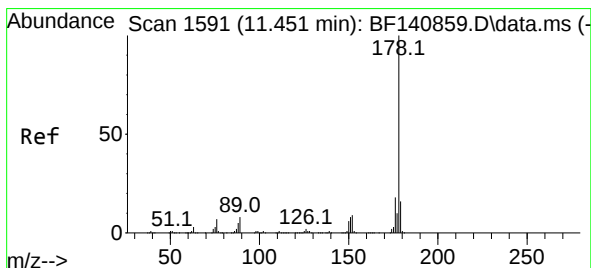
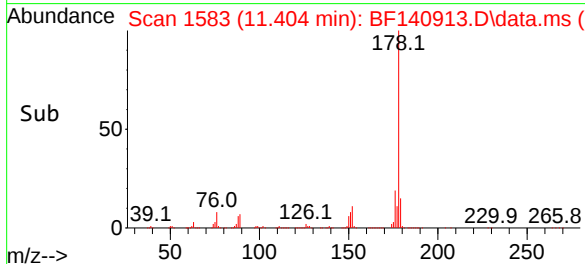
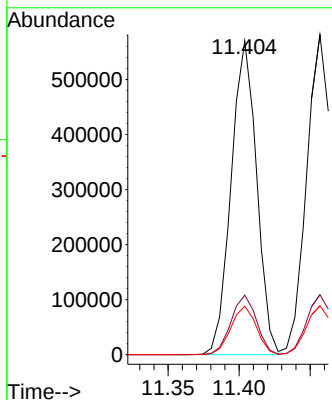
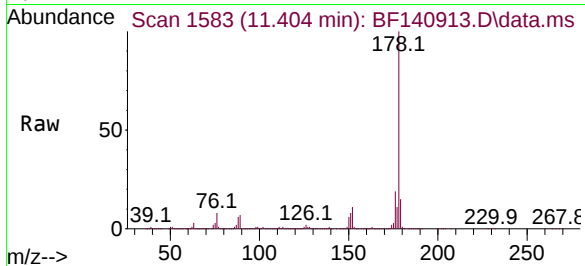




#71
Phenanthrene
Concen: 61.845 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

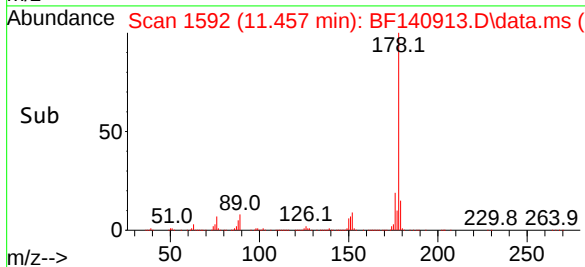
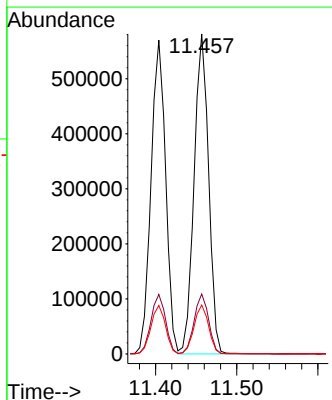
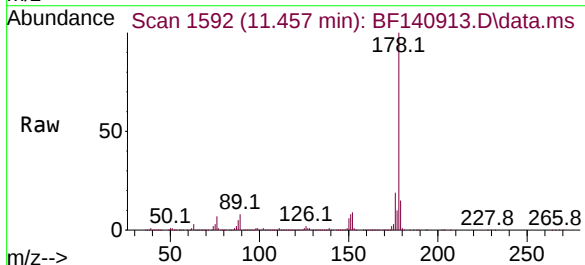
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

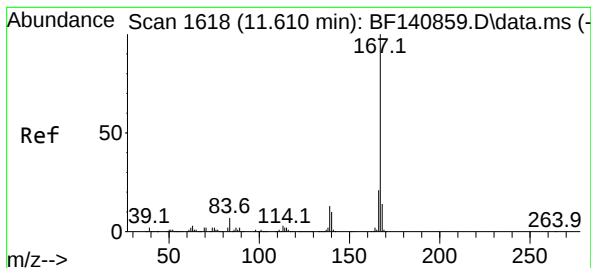
Tgt Ion:178 Resp: 711972
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.5 12.1 18.1



#72
Anthracene
Concen: 63.754 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:178 Resp: 722802
Ion Ratio Lower Upper
178 100
176 18.8 14.6 22.0
179 15.3 12.6 18.8





#73

Carbazole

Concen: 55.394 ng

RT: 11.616 min Scan# 1618

Delta R.T. 0.006 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MSD

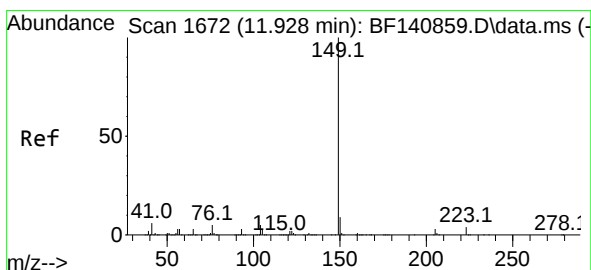
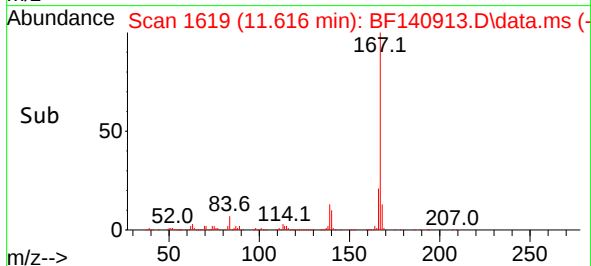
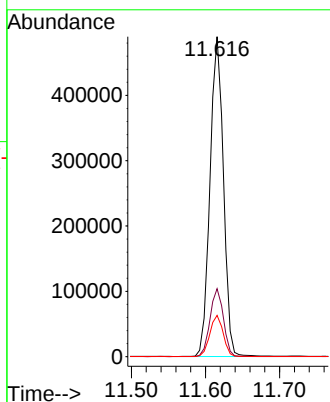
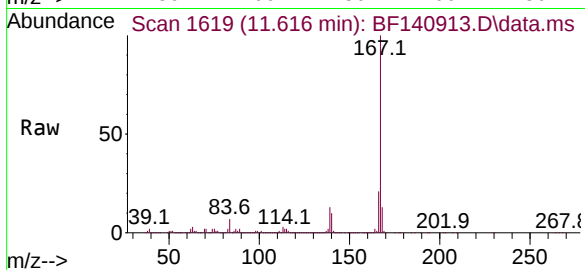
Tgt Ion:167 Resp: 615128

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

139 12.9 10.2 15.2



#74

Di-n-butylphthalate

Concen: 61.330 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

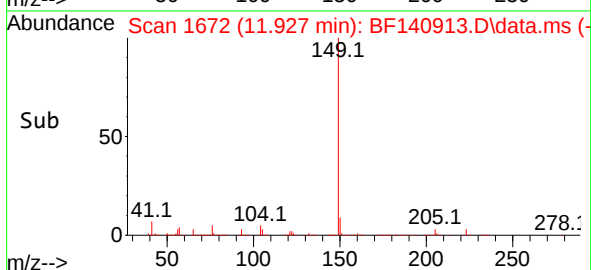
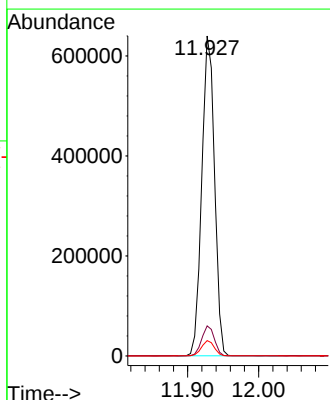
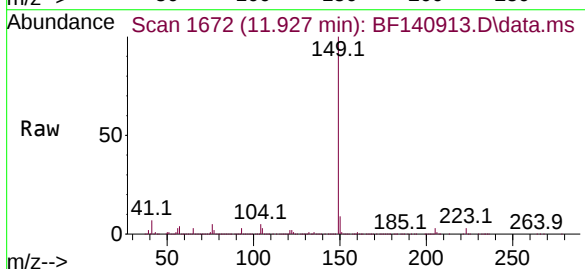
Tgt Ion:149 Resp: 799287

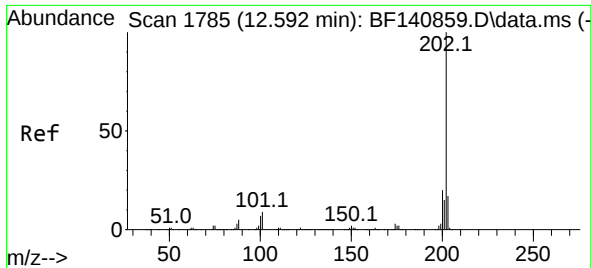
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.8 3.8 5.8

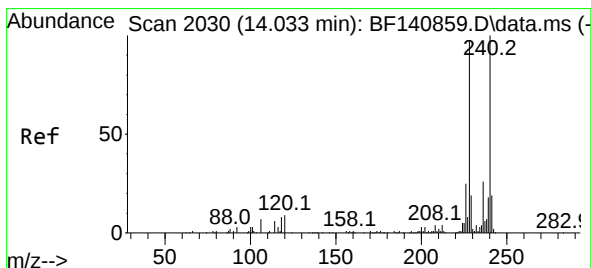
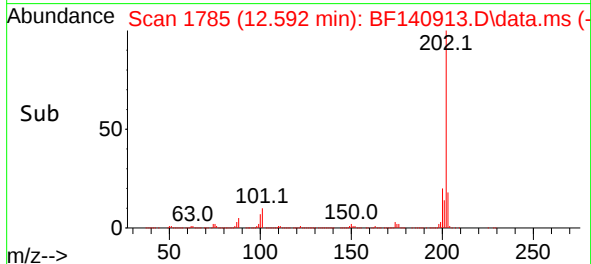
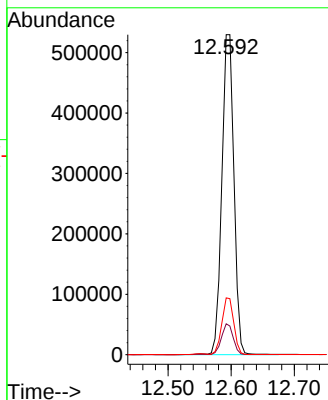
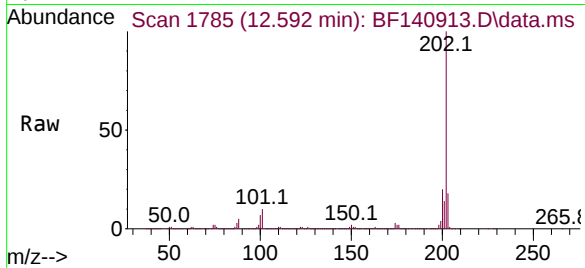




#75
Fluoranthene
Concen: 53.388 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

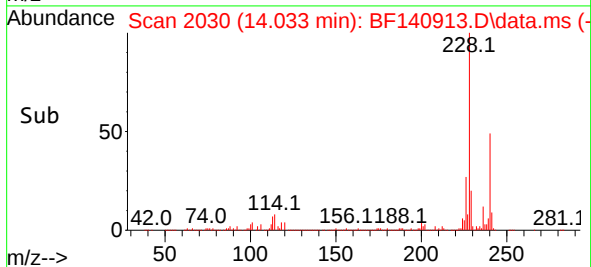
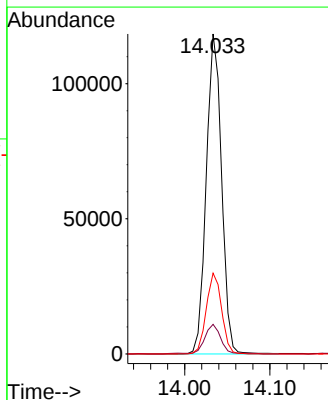
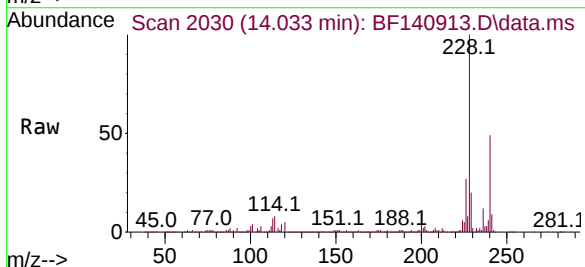
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

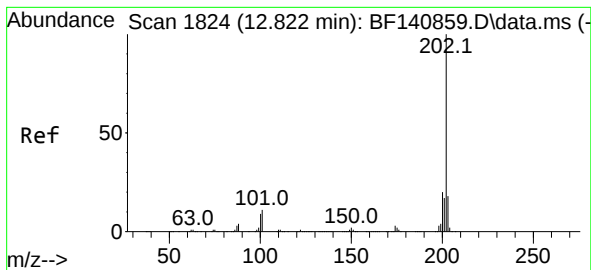
Tgt Ion:202 Resp: 707830
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.3
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:240 Resp: 147858
Ion Ratio Lower Upper
240 100
120 9.3 7.6 11.4
236 25.3 20.5 30.7





#78

Pyrene

Concen: 55.686 ng

RT: 12.827 min Scan# 1824

Delta R.T. 0.006 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MSD

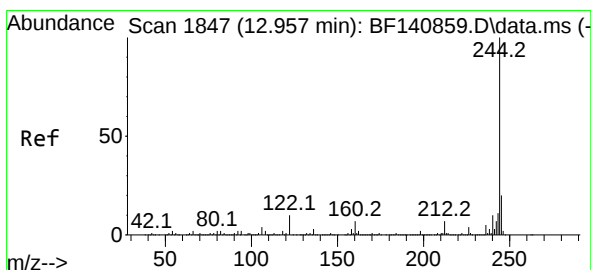
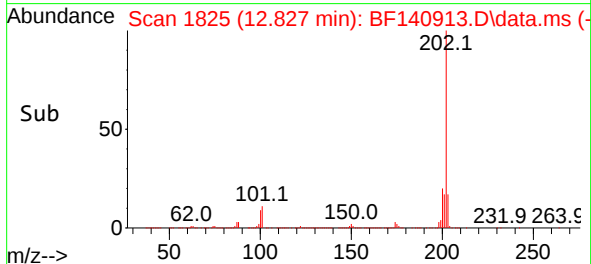
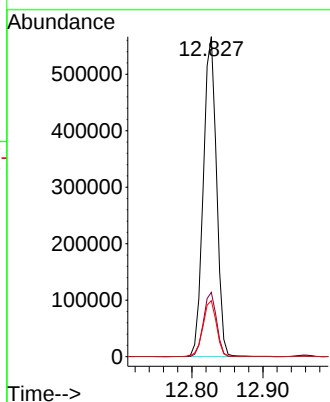
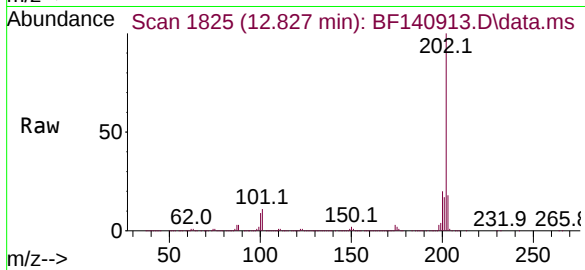
Tgt Ion:202 Resp: 732176

Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.5 14.2 21.4



#79

Terphenyl-d14

Concen: 108.795 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

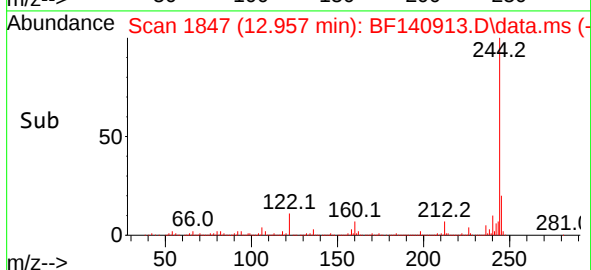
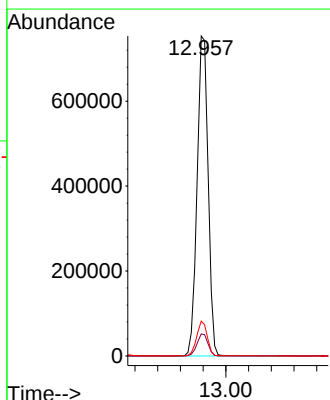
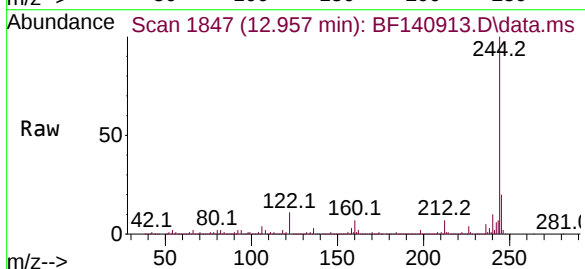
Tgt Ion:244 Resp: 1020134

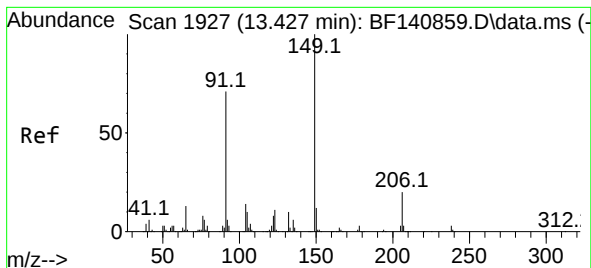
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.9 8.2 12.2





#80

Butylbenzylphthalate

Concen: 57.914 ng

RT: 13.433 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MSD

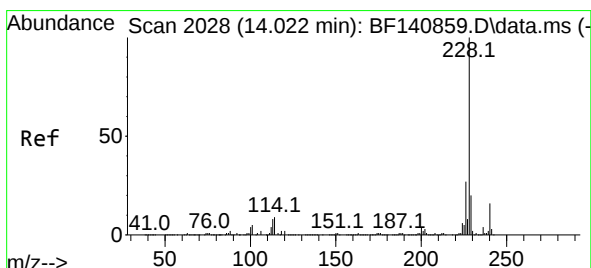
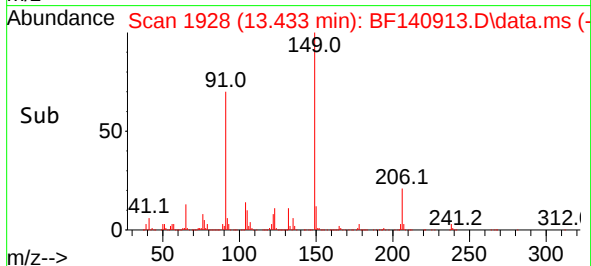
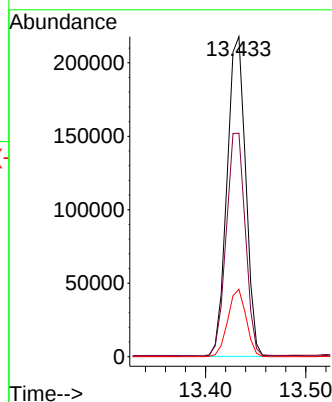
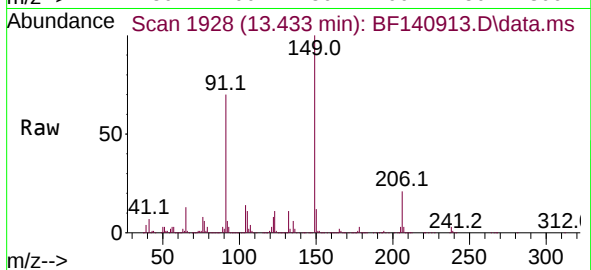
Tgt Ion:149 Resp: 280186

Ion Ratio Lower Upper

149 100

91 69.9 56.7 85.1

206 21.1 16.4 24.6



#81

Benzo(a)anthracene

Concen: 56.894 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

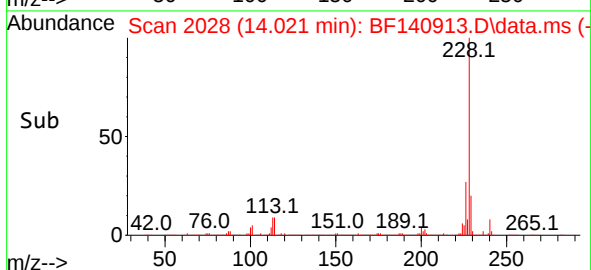
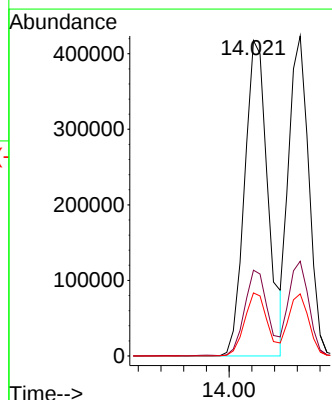
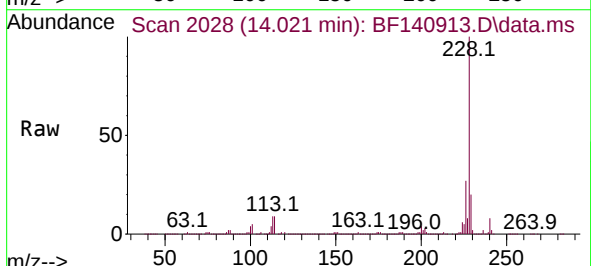
Tgt Ion:228 Resp: 596198

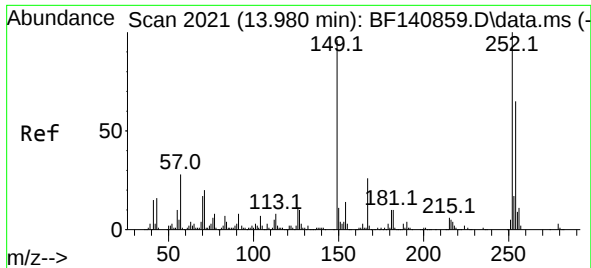
Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 20.0 15.8 23.8

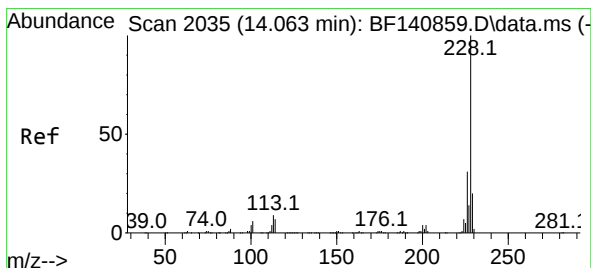
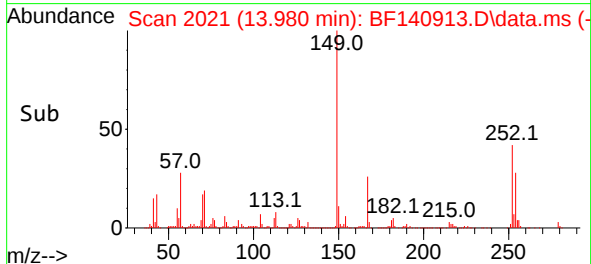
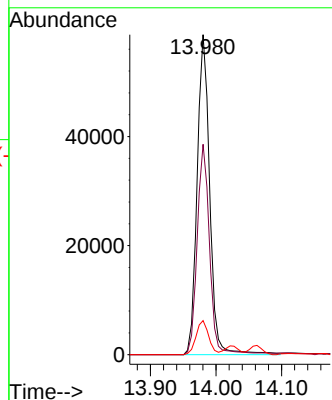
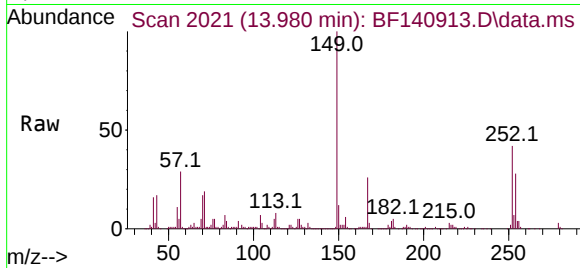




#82
3,3'-Dichlorobenzidine
Concen: 24.888 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

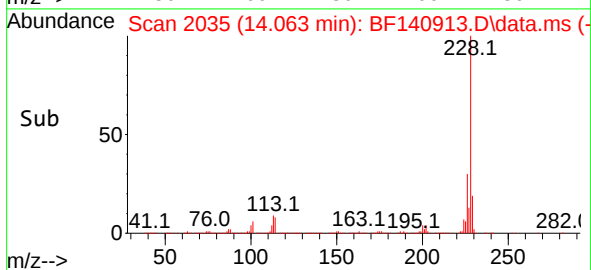
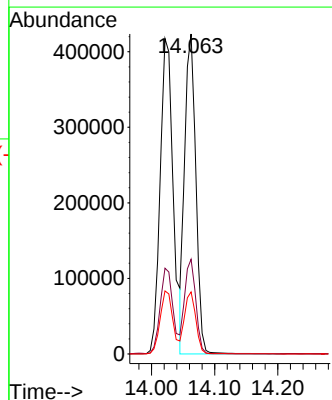
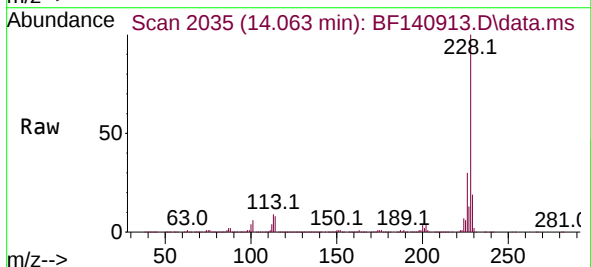
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

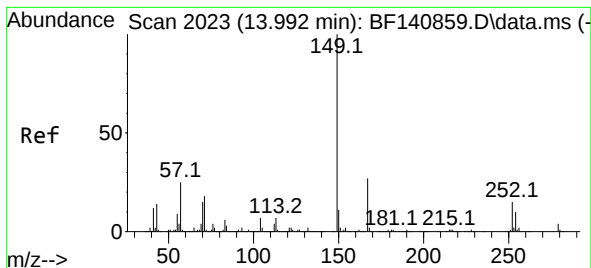
Tgt Ion:252 Resp: 78686
Ion Ratio Lower Upper
252 100
254 65.7 52.3 78.5
126 10.7 8.4 12.6



#83
Chrysene
Concen: 54.509 ng
RT: 14.063 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:228 Resp: 519422
Ion Ratio Lower Upper
228 100
226 29.6 24.1 36.1
229 19.4 16.0 24.0

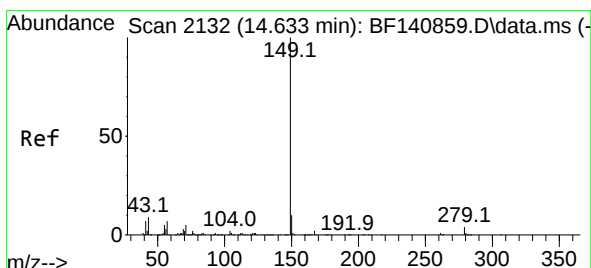
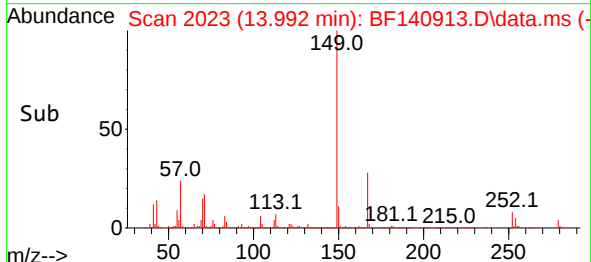
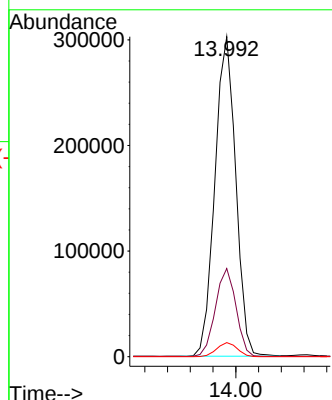
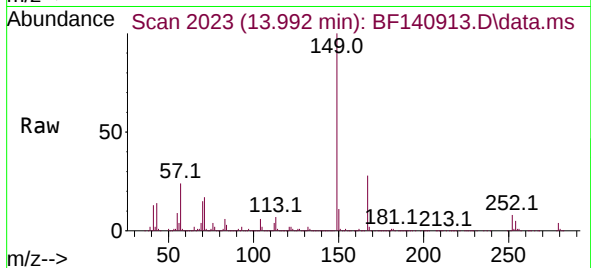




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.862 ng
 RT: 13.992 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF140913.D
 Acq: 18 Dec 2024 18:30

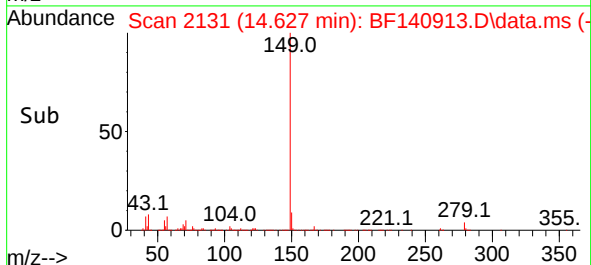
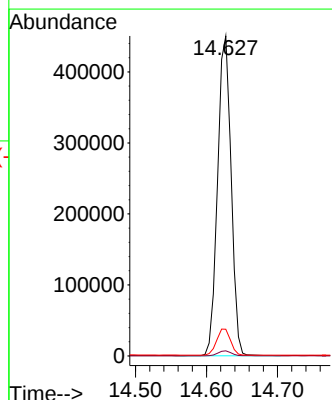
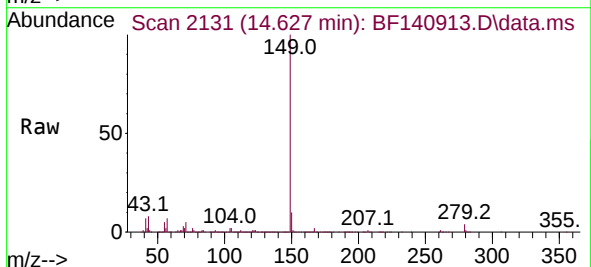
Instrument :
 BNA_F
 ClientSampleId :
 MW6-20241213MSD

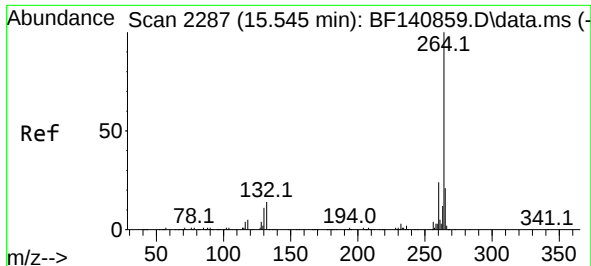
Tgt Ion:149 Resp: 385908
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.8 32.8
 279 4.4 3.5 5.3



#85
 Di-n-octyl phthalate
 Concen: 62.767 ng
 RT: 14.627 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BF140913.D
 Acq: 18 Dec 2024 18:30

Tgt Ion:149 Resp: 592378
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.4 7.0 10.6

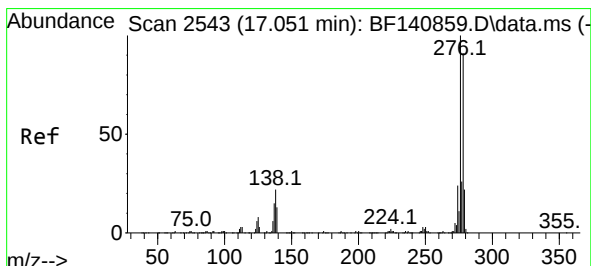
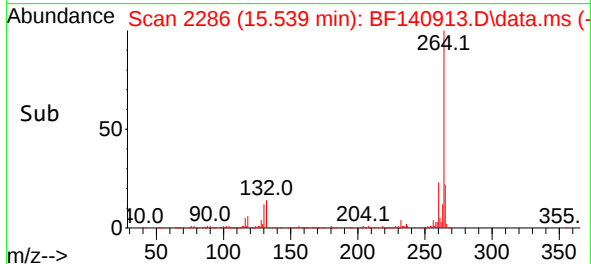
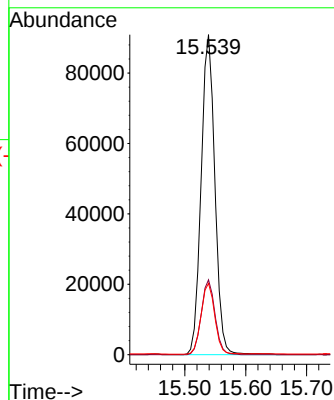
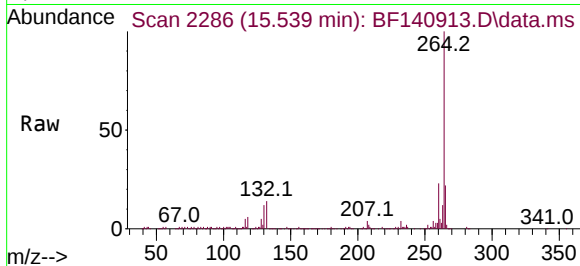




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

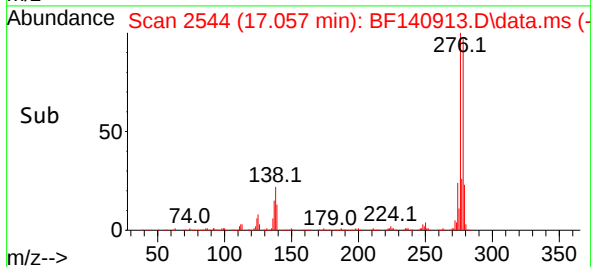
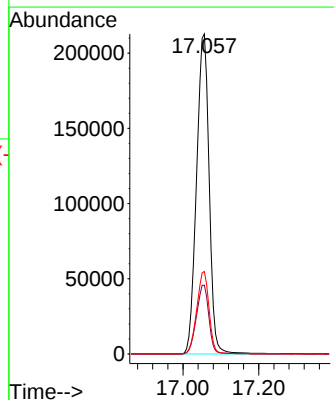
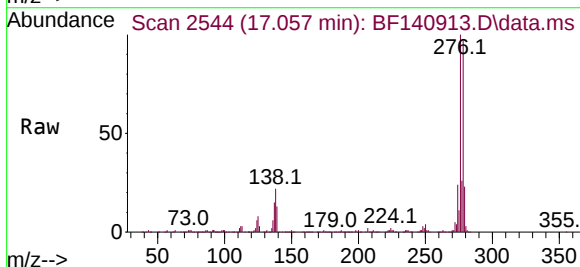
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

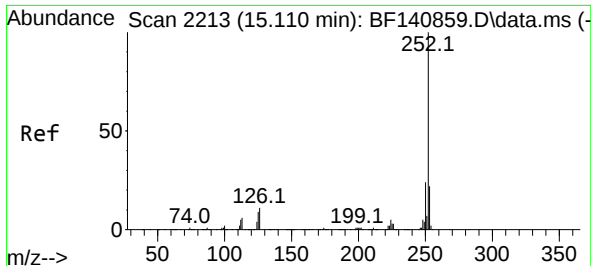
Tgt Ion:264 Resp: 142833
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 22.3 17.0 25.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 55.447 ng
RT: 17.057 min Scan# 2544
Delta R.T. 0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:276 Resp: 494215
Ion Ratio Lower Upper
276 100
138 21.1 16.9 25.3
277 25.1 20.2 30.4

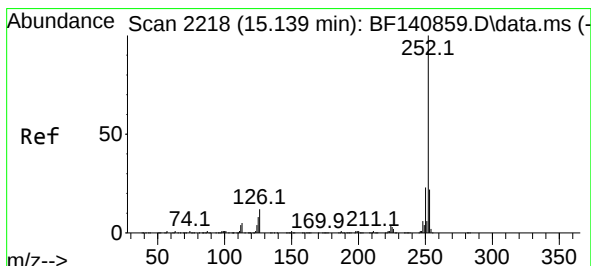
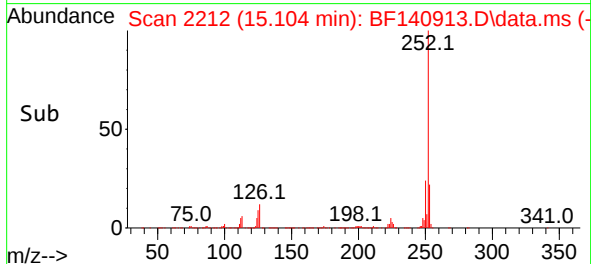
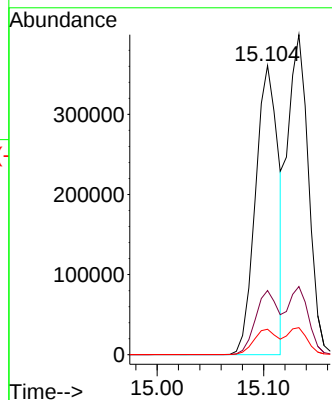
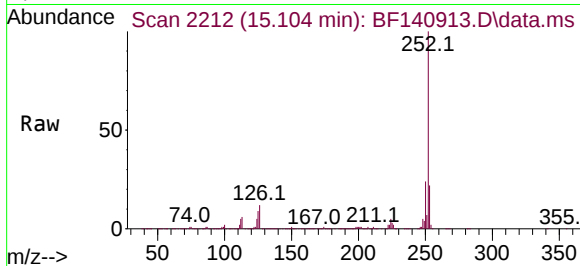




#88
Benzo(b)fluoranthene
Concen: 53.894 ng
RT: 15.104 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

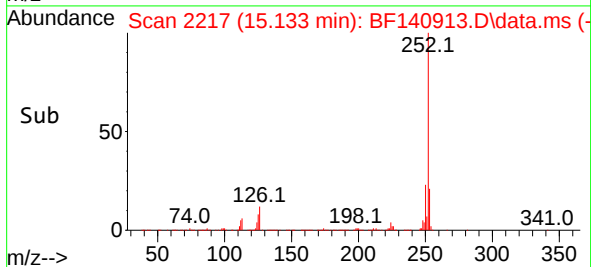
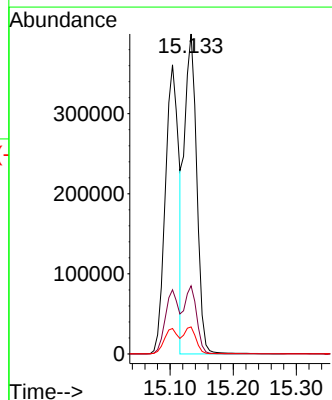
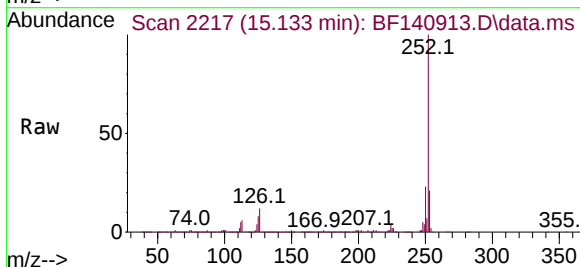
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MSD

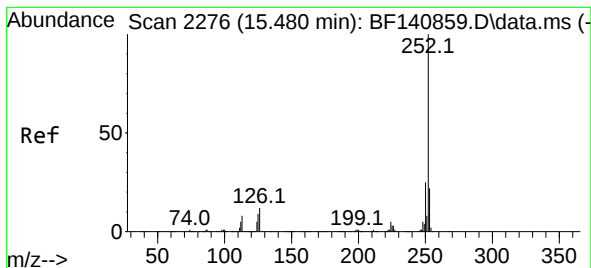
Tgt Ion:252 Resp: 534341
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.8 7.0 10.4



#89
Benzo(k)fluoranthene
Concen: 63.774 ng
RT: 15.133 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF140913.D
Acq: 18 Dec 2024 18:30

Tgt Ion:252 Resp: 542390
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 8.4 6.8 10.2





#90

Benzo(a)pyrene

Concen: 64.034 ng

RT: 15.474 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MSD

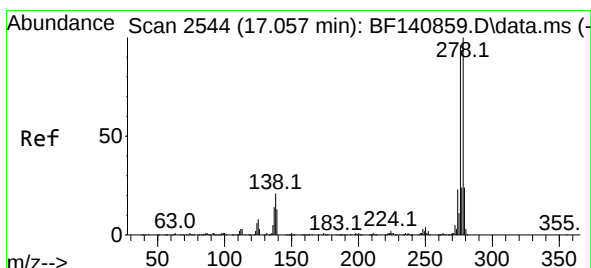
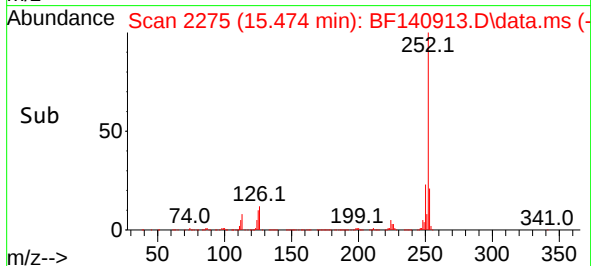
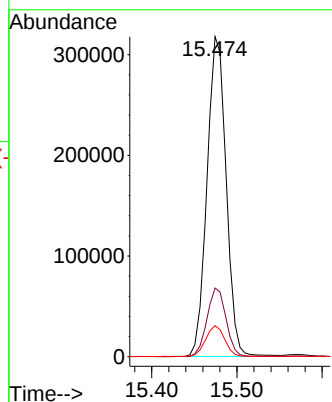
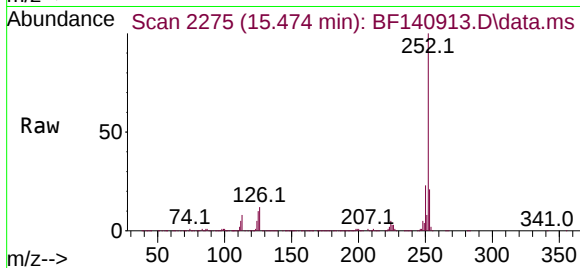
Tgt Ion:252 Resp: 497133

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.7 7.5 11.3



#91

Dibenzo(a,h)anthracene

Concen: 55.715 ng

RT: 17.057 min Scan# 2544

Delta R.T. -0.000 min

Lab File: BF140913.D

Acq: 18 Dec 2024 18:30

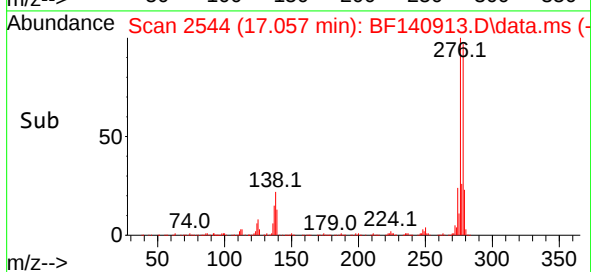
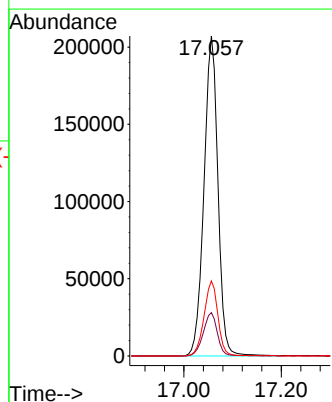
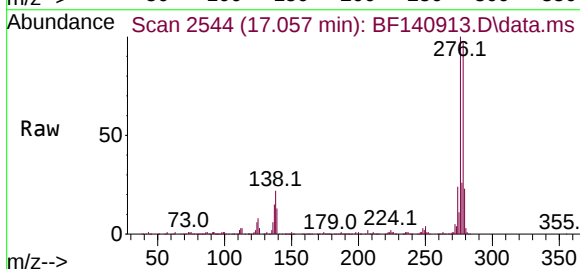
Tgt Ion:278 Resp: 411411

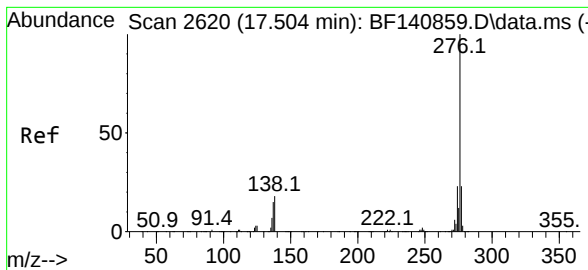
Ion Ratio Lower Upper

278 100

139 13.6 10.6 16.0

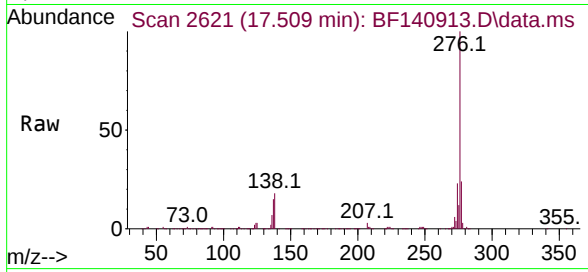
279 23.5 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 45.799 ng
 RT: 17.509 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF140913.D
 Acq: 18 Dec 2024 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MW6-20241213MSD



Tgt Ion:	276	Resp:	344200
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.7	28.1
138	17.5	14.2	21.2

