

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140912.D
 Acq On : 18 Dec 2024 18:04
 Operator : RC/JU
 Sample : P5291-08MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW6-20241213MS

Quant Time: Dec 19 00:15:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	60530	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	235451	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	140282	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	244956	20.000	ng	0.00
76) Chrysene-d12	14.033	240	147078	20.000	ng	0.00
86) Perylene-d12	15.539	264	150433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	308568	83.919	ng	0.00
7) Phenol-d6	6.504	99	219544	45.079	ng	0.00
23) Nitrobenzene-d5	7.416	82	487003	103.483	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	237964	143.426	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	993067	97.327	ng	0.00
79) Terphenyl-d14	12.963	244	941335	100.923	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	26812	16.929	ng	94
3) Pyridine	3.416	79	48679	13.272	ng	96
4) n-Nitrosodimethylamine	3.346	42	38321	20.725	ng	# 97
6) Aniline	6.516	93	133376	32.030	ng	# 82
8) 2-Chlorophenol	6.645	128	178169	44.434	ng	98
9) Benzaldehyde	6.404	77	70134	25.990	ng	# 23
10) Phenol	6.516	94	105140	20.830	ng	# 64
11) bis(2-Chloroethyl)ether	6.581	93	200382	53.232	ng	97
12) 1,3-Dichlorobenzene	6.787	146	207209	45.351	ng	98
13) 1,4-Dichlorobenzene	6.863	146	210736	45.438	ng	99
14) 1,2-Dichlorobenzene	7.016	146	201176	45.974	ng	97
15) Benzyl Alcohol	6.998	79	133484	38.333	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	246281	55.538	ng	94
17) 2-Methylphenol	7.122	107	125553	39.219	ng	# 92
18) Hexachloroethane	7.357	117	104894	60.753	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	165708	56.722	ng	100
20) 3+4-Methylphenols	7.275	107	152300	35.877	ng	# 84
22) Acetophenone	7.263	105	360973	61.287	ng	94
24) Nitrobenzene	7.440	77	244659	50.746	ng	98
25) Isophorone	7.675	82	438242	55.577	ng	99
26) 2-Nitrophenol	7.751	139	118590	53.407	ng	95
27) 2,4-Dimethylphenol	7.792	122	209632	80.839	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	252895	51.350	ng	99
29) 2,4-Dichlorophenol	8.004	162	178117	49.751	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	190090	46.316	ng	99
31) Naphthalene	8.151	128	768248	59.400	ng	99
32) Benzoic acid	7.934	122	47671	19.383	ng	# 83
33) 4-Chloroaniline	8.210	127	92694	21.579	ng	99
34) Hexachlorobutadiene	8.263	225	124116	44.949	ng	99
35) Caprolactam	8.663	113	9027	8.469	ng	# 89
36) 4-Chloro-3-methylphenol	8.698	107	186274	46.227	ng	98
37) 2-Methylnaphthalene	8.845	142	452341	52.871	ng	99
38) 1-Methylnaphthalene	8.945	142	428660	50.661	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	217061	50.342	ng	99
41) Hexachlorocyclopentadiene	8.992	237	79945	61.515	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	135198	51.208	ng	98

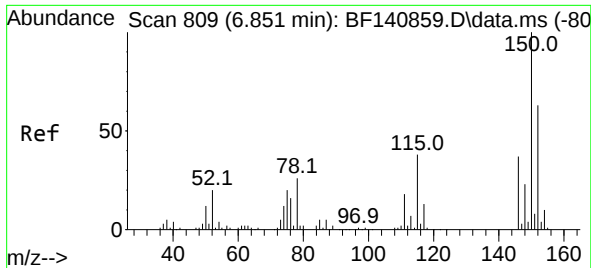
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	145237	50.049	ng	98
46) 1,1'-Biphenyl	9.310	154	570652	51.157	ng	99
47) 2-Chloronaphthalene	9.334	162	418363	49.025	ng	98
48) 2-Nitroaniline	9.439	65	140359	54.460	ng	99
49) Acenaphthylene	9.751	152	674463	53.781	ng	99
50) Dimethylphthalate	9.610	163	512617	51.831	ng	99
51) 2,6-Dinitrotoluene	9.681	165	109503	48.431	ng	99
52) Acenaphthene	9.922	154	418589	52.252	ng	100
53) 3-Nitroaniline	9.857	138	57100	25.448	ng	97
54) 2,4-Dinitrophenol	9.975	184	111206	99.103	ng	98
55) Dibenzofuran	10.092	168	627512	50.551	ng	99
56) 4-Nitrophenol	10.057	139	28903	27.059	ng	97
57) 2,4-Dinitrotoluene	10.092	165	145476	48.902	ng	98
58) Fluorene	10.439	166	500319	48.855	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	126796	53.622	ng	99
60) Diethylphthalate	10.304	149	510205	49.748	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	248701	48.346	ng	99
62) 4-Nitroaniline	10.475	138	90457	38.579	ng	97
63) Azobenzene	10.586	77	488284	50.643	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	78478	56.538	ng	94
66) n-Nitrosodiphenylamine	10.551	169	429786	57.067	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	150690	54.989	ng	98
68) Hexachlorobenzene	10.986	284	169988	54.711	ng	97
69) Atrazine	11.080	200	130269	61.933	ng	98
70) Pentachlorophenol	11.192	266	151933	133.750	ng	99
71) Phenanthrene	11.404	178	699482	55.529	ng	100
72) Anthracene	11.457	178	717157	57.811	ng	100
73) Carbazole	11.616	167	606371	49.904	ng	99
74) Di-n-butylphthalate	11.927	149	784943	55.044	ng	100
75) Fluoranthene	12.592	202	691399	47.659	ng	99
78) Pyrene	12.827	202	686440	52.484	ng	100
80) Butylbenzylphthalate	13.433	149	254258	52.833	ng	97
81) Benzo(a)anthracene	14.021	228	522877	50.161	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	71117	22.613	ng	100
83) Chrysene	14.063	228	494484	52.167	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	353952	57.040	ng	99
85) Di-n-octyl phthalate	14.627	149	579524	61.731	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	473624	50.452	ng	99
88) Benzo(b)fluoranthene	15.104	252	520276	49.824	ng	99
89) Benzo(k)fluoranthene	15.133	252	492548	54.988	ng	100
90) Benzo(a)pyrene	15.480	252	474880	58.078	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	396339	50.962	ng	99
92) Benzo(g,h,i)perylene	17.509	276	350797	44.319	ng	99

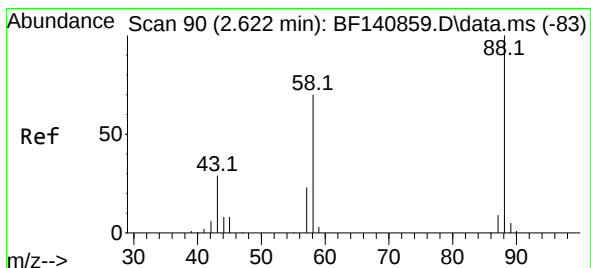
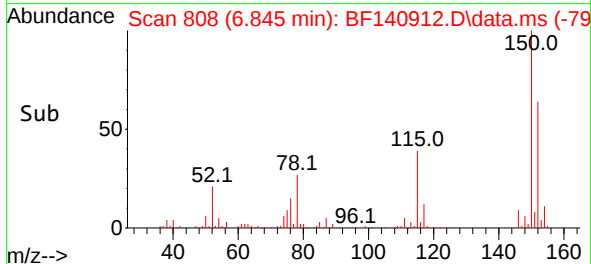
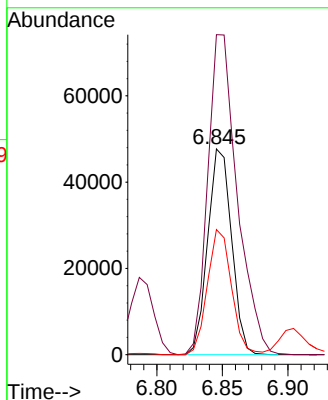
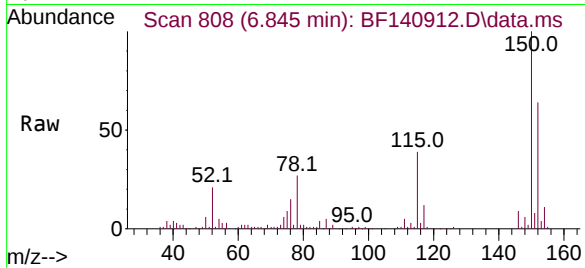
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF140912.D
 Acq: 18 Dec 2024 18:04

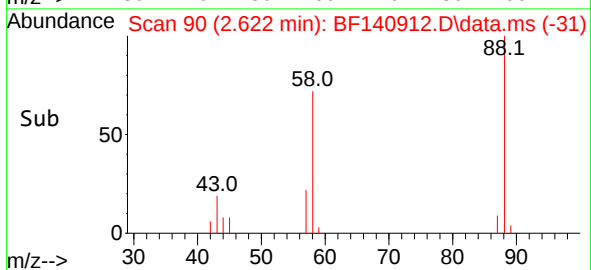
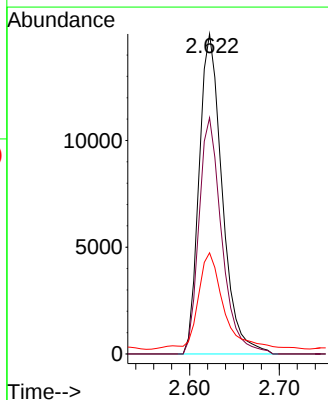
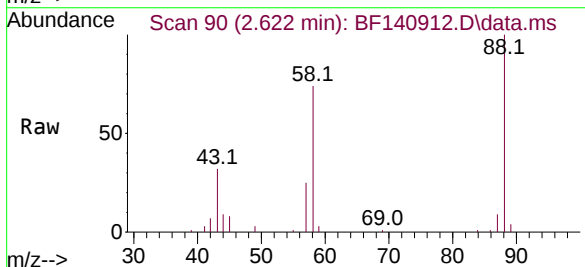
Instrument :
 BNA_F
 ClientSampleId :
 MW6-20241213MS

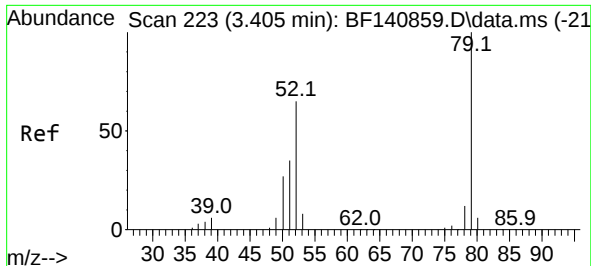
Tgt Ion:152 Resp: 60530
 Ion Ratio Lower Upper
 152 100
 150 155.6 127.9 191.9
 115 60.8 48.0 72.0



#2
 1,4-Dioxane
 Concen: 16.929 ng
 RT: 2.622 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: BF140912.D
 Acq: 18 Dec 2024 18:04

Tgt Ion: 88 Resp: 26812
 Ion Ratio Lower Upper
 88 100
 58 72.8 55.8 83.8
 43 34.0 22.7 34.1





#3

Pyridine

Concen: 13.272 ng

RT: 3.416 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

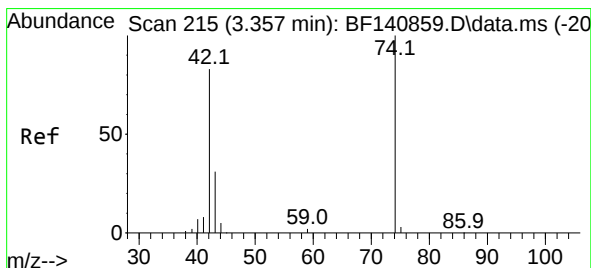
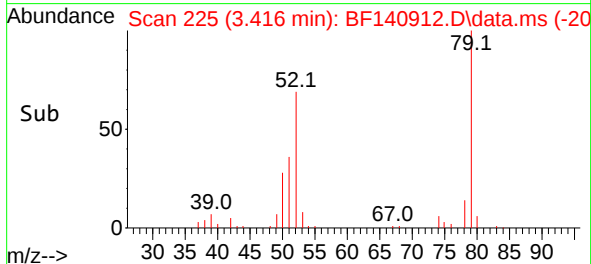
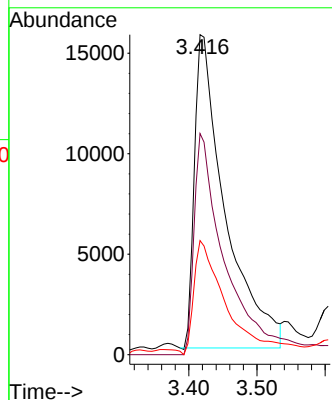
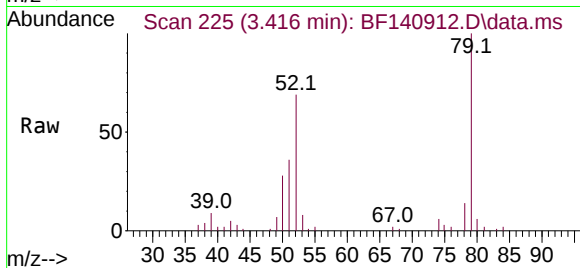
Tgt Ion: 79 Resp: 48679

Ion Ratio Lower Upper

79 100

52 69.1 51.7 77.5

51 35.7 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 20.725 ng

RT: 3.346 min Scan# 213

Delta R.T. -0.012 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

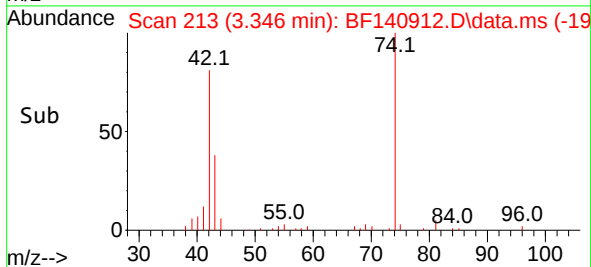
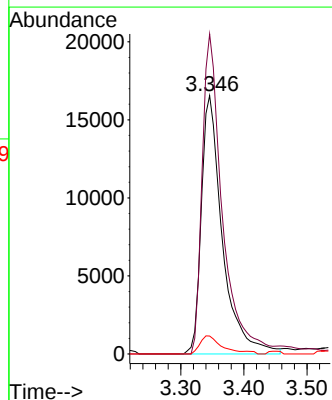
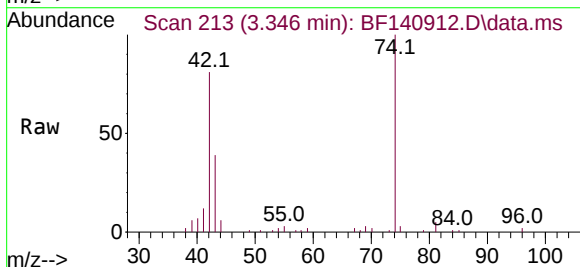
Tgt Ion: 42 Resp: 38321

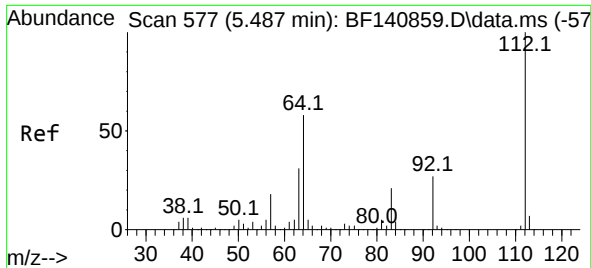
Ion Ratio Lower Upper

42 100

74 123.8 96.9 145.3

44 7.0 4.4 6.6#

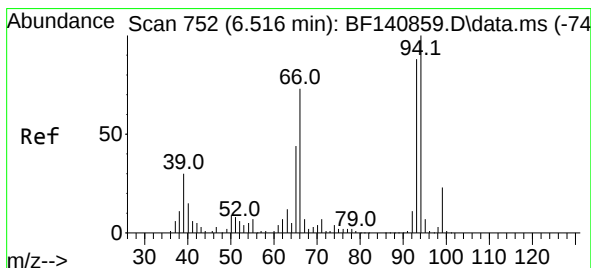
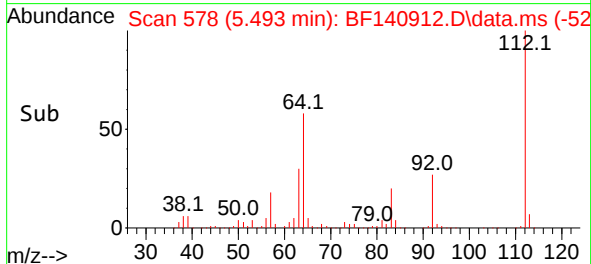
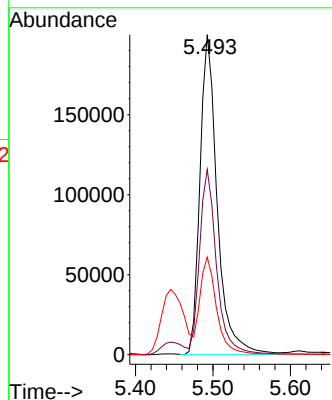
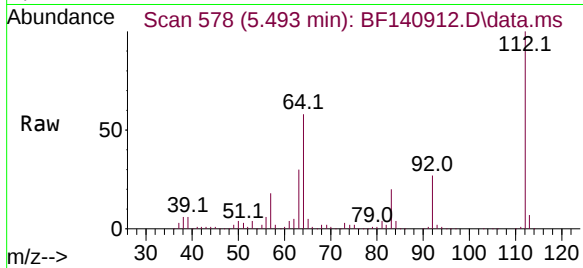




#5
2-Fluorophenol
Concen: 83.919 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

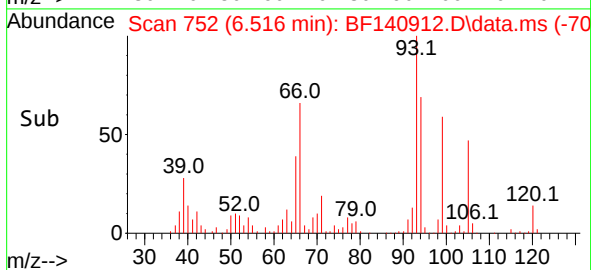
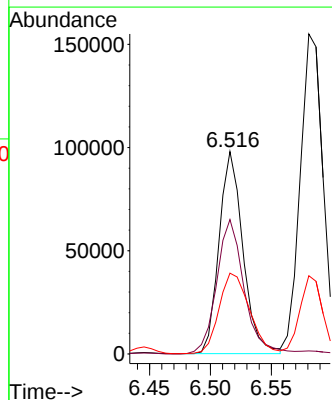
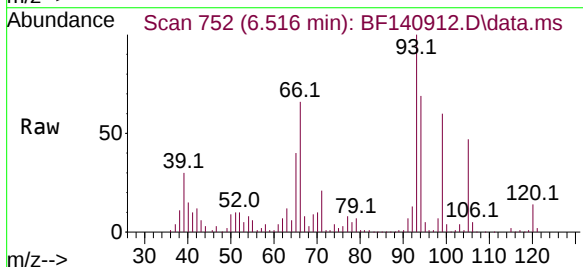
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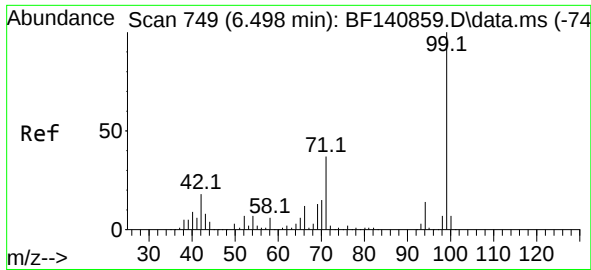
Tgt Ion:112 Resp: 308568
Ion Ratio Lower Upper
112 100
64 57.8 46.1 69.1
63 30.5 24.9 37.3



#6
Aniline
Concen: 32.030 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion: 93 Resp: 133376
Ion Ratio Lower Upper
93 100
66 66.4 67.0 100.4#
65 39.9 40.4 60.6#

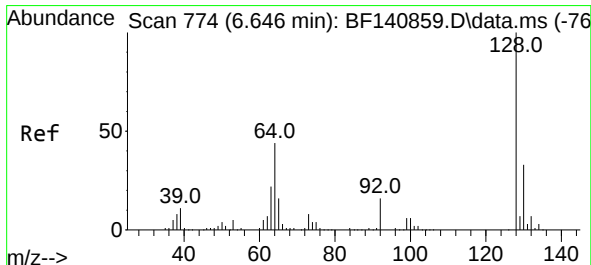
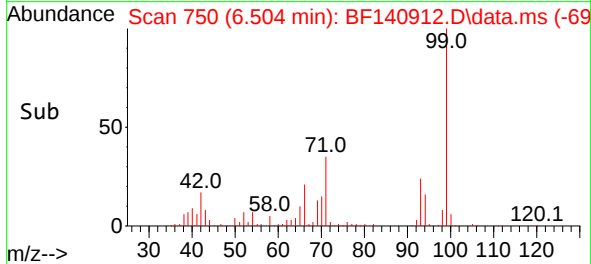
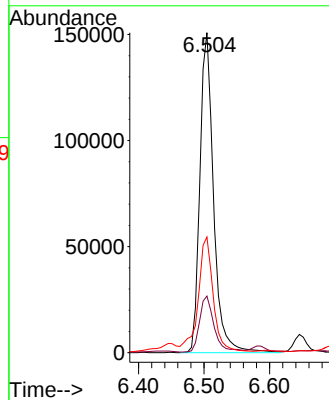
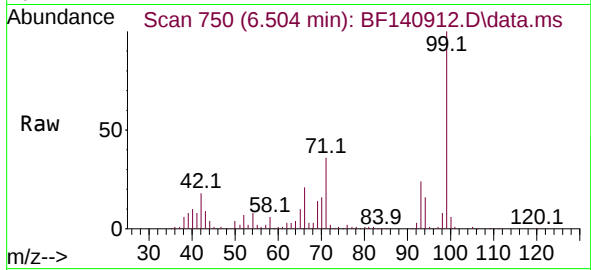




#7
Phenol-d6
Concen: 45.079 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

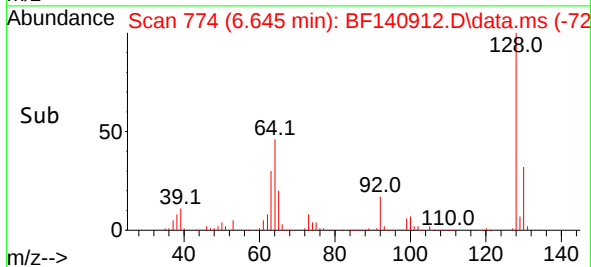
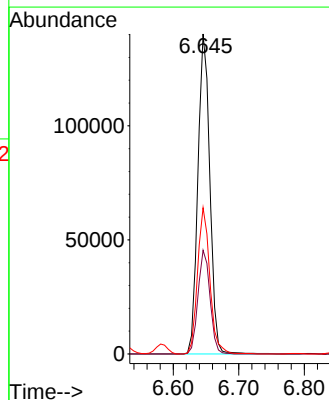
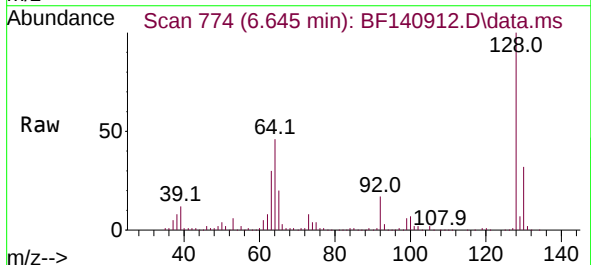
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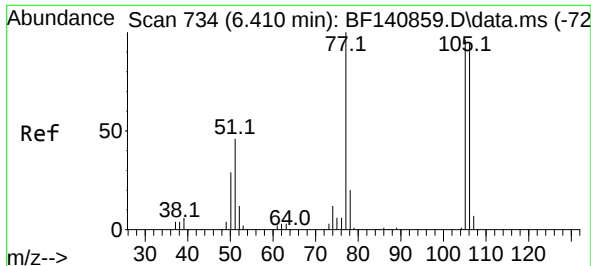
Tgt Ion: 99 Resp: 219544
Ion Ratio Lower Upper
99 100
42 17.7 14.3 21.5
71 36.2 29.9 44.9



#8
2-Chlorophenol
Concen: 44.434 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:128 Resp: 178169
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 45.7 24.3 64.3

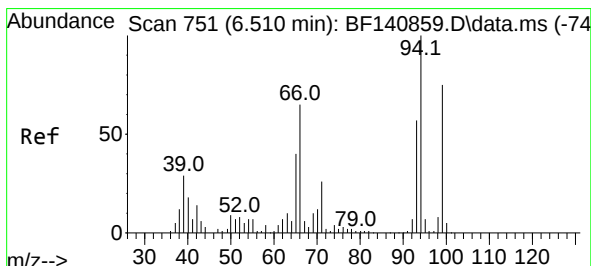
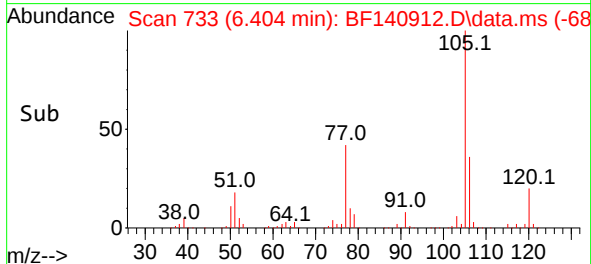
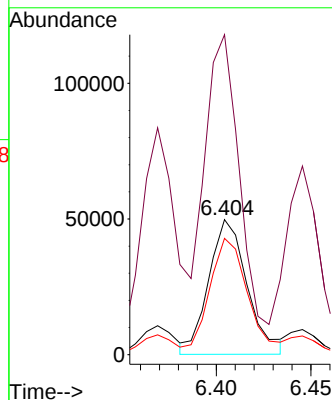
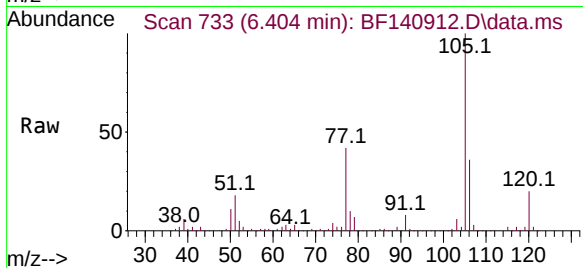




#9
Benzaldehyde
Concen: 25.990 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

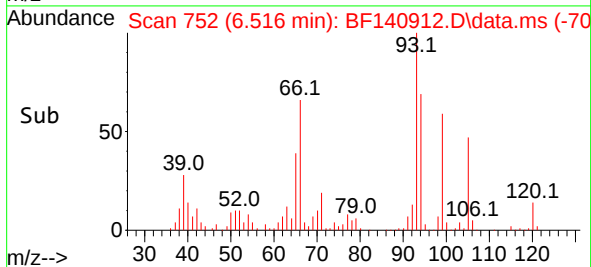
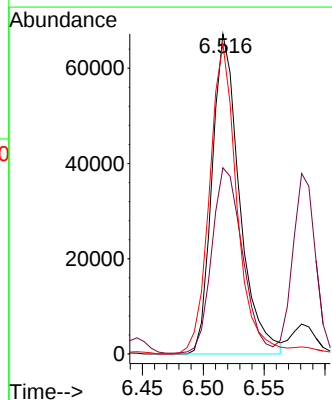
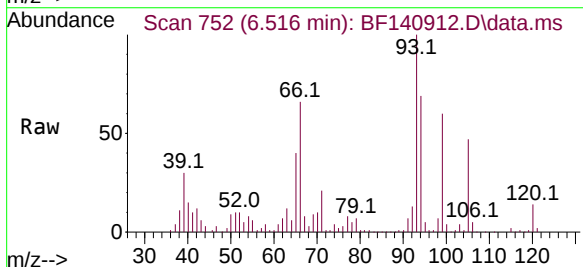
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion: 77 Resp: 70134
Ion Ratio Lower Upper
77 100
105 236.8 75.8 115.8#
106 86.1 74.1 114.1



#10
Phenol
Concen: 20.830 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion: 94 Resp: 105140
Ion Ratio Lower Upper
94 100
65 58.2 19.9 59.9
66 96.9 45.6 85.6#

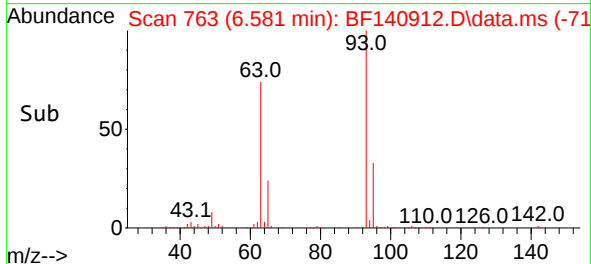
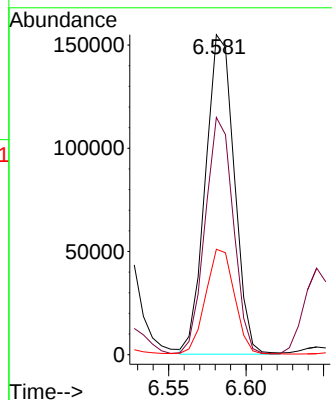
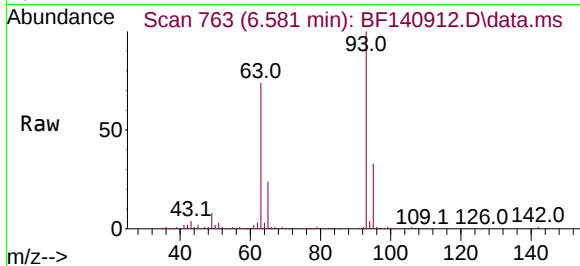




#11
bis(2-Chloroethyl)ether
Concen: 53.232 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

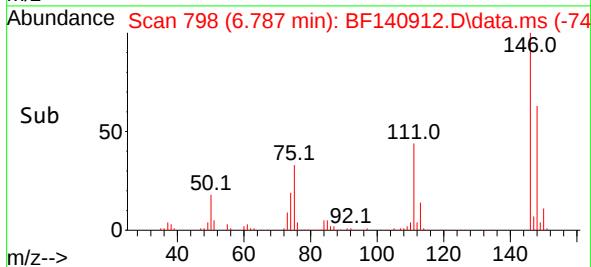
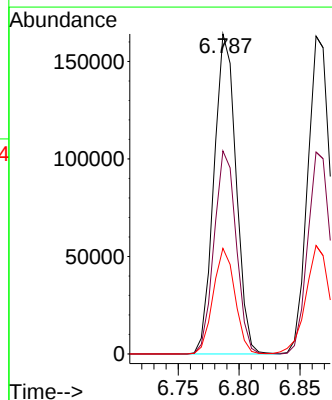
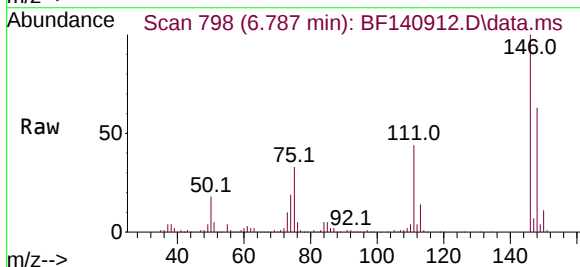
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion: 93 Resp: 200382
Ion Ratio Lower Upper
93 100
63 74.2 51.0 91.0
95 33.0 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 45.351 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:146 Resp: 207209
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
75 33.0 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 45.438 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140912.D

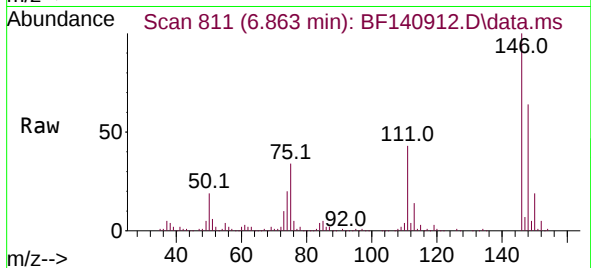
Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS



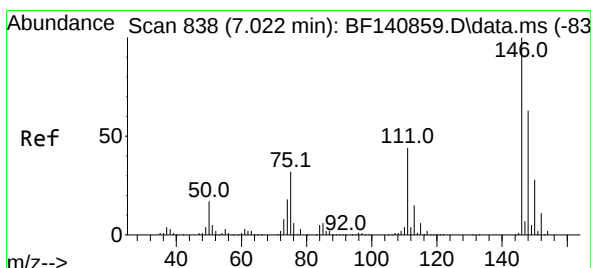
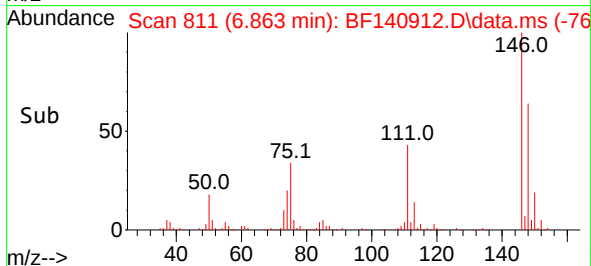
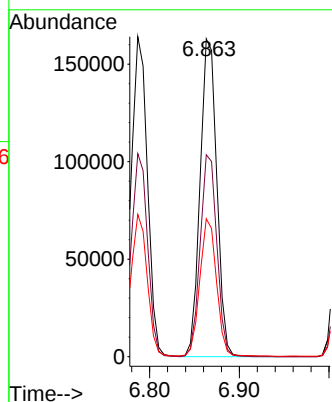
Tgt Ion:146 Resp: 210736

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

111 43.4 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 45.974 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

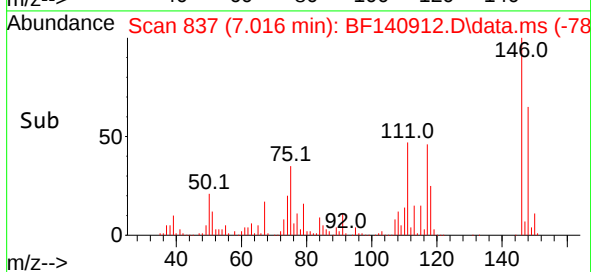
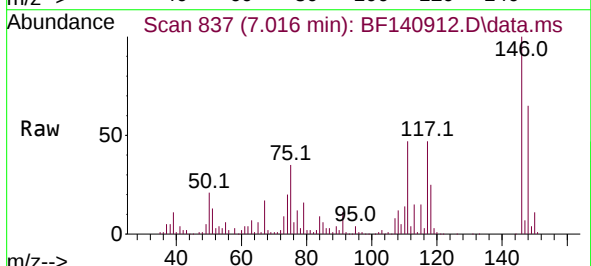
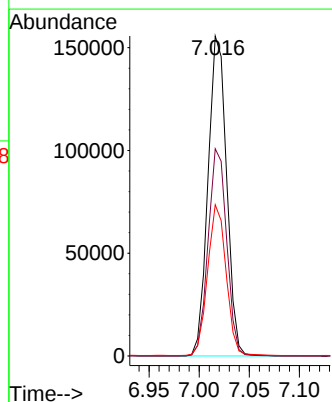
Tgt Ion:146 Resp: 201176

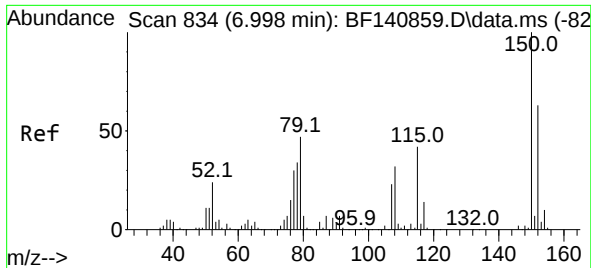
Ion Ratio Lower Upper

146 100

148 64.8 50.0 75.0

111 47.2 35.6 53.4

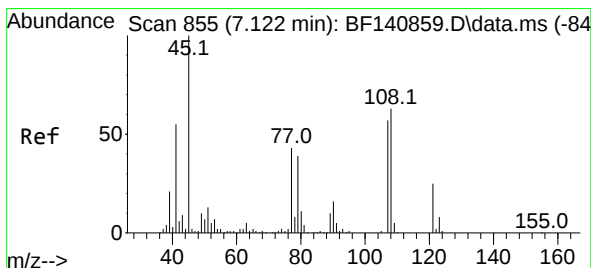
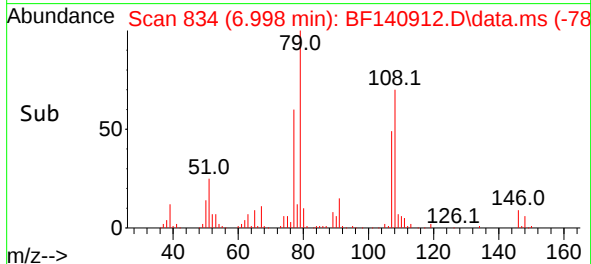
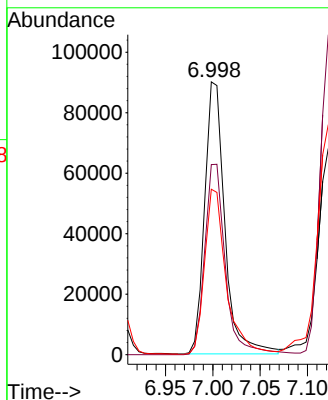
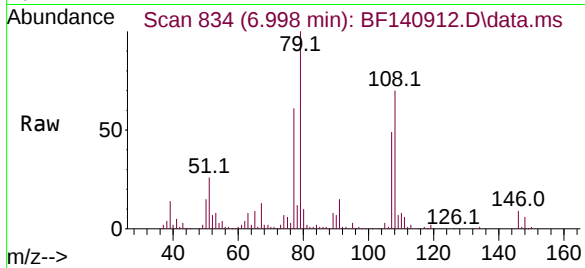




#15
Benzyl Alcohol
Concen: 38.333 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

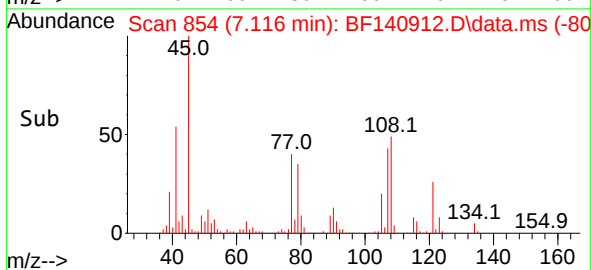
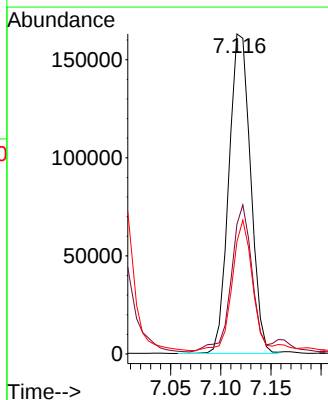
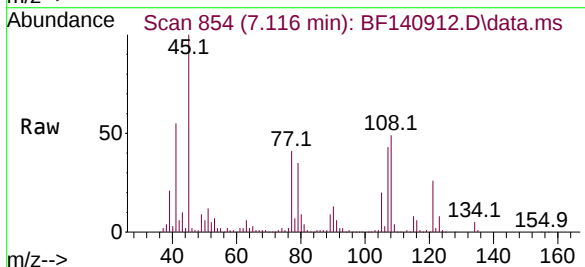
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

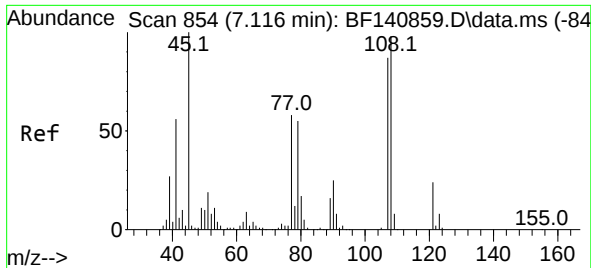
Tgt Ion: 79 Resp: 133484
Ion Ratio Lower Upper
79 100
108 69.7 55.1 82.7
77 60.6 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.538 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion: 45 Resp: 246281
Ion Ratio Lower Upper
45 100
77 40.5 23.3 63.3
79 35.1 20.0 60.0

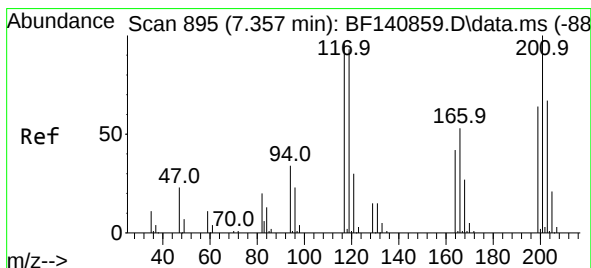
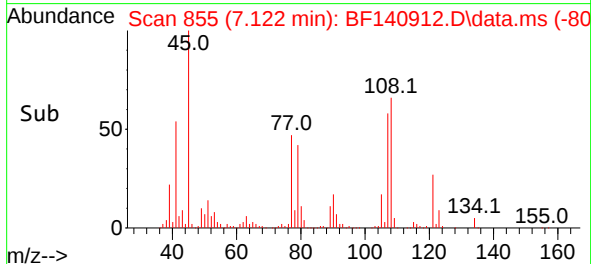
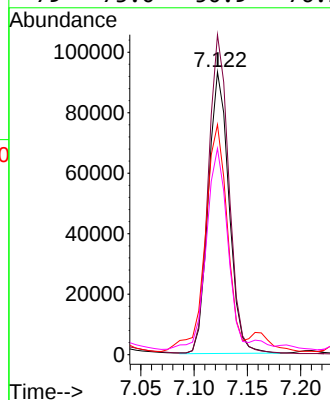
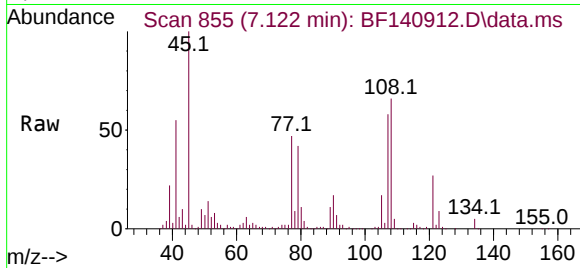




#17
2-Methylphenol
Concen: 39.219 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

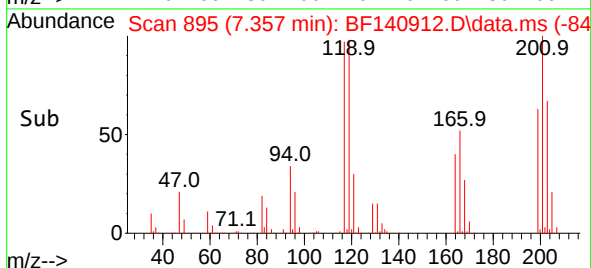
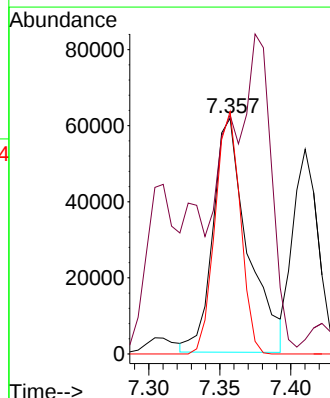
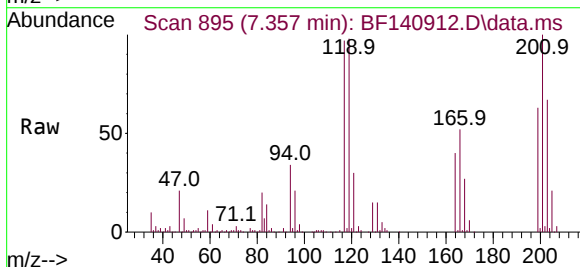
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

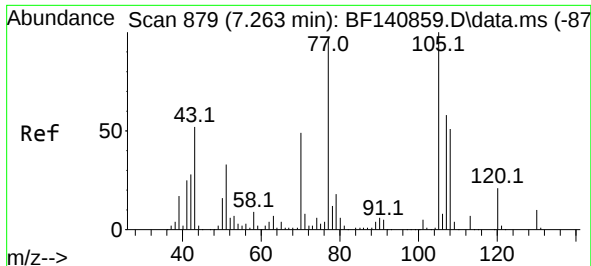
Tgt Ion:107	Resp:	125553
Ion Ratio	Lower	Upper
107	100	
108	113.2	90.2 135.4
77	81.4	53.8 80.6#
79	73.0	50.9 76.3



#18
Hexachloroethane
Concen: 60.753 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:117	Resp:	104894
Ion Ratio	Lower	Upper
117	100	
119	101.3	77.4 116.0
201	102.9	83.4 125.0





#19

n-Nitroso-di-n-propylamine

Concen: 56.722 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

Tgt Ion: 70 Resp: 165708

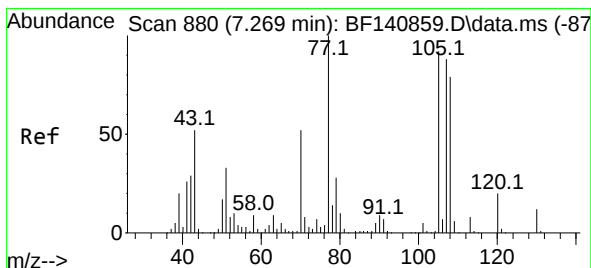
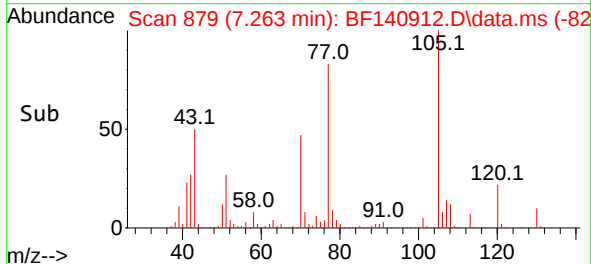
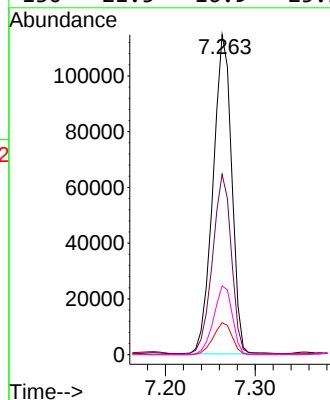
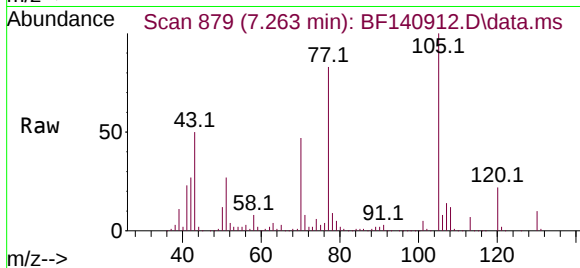
Ion Ratio Lower Upper

70 100

42 56.4 45.3 67.9

101 10.0 8.0 12.0

130 21.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 35.877 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Tgt Ion:107 Resp: 152300

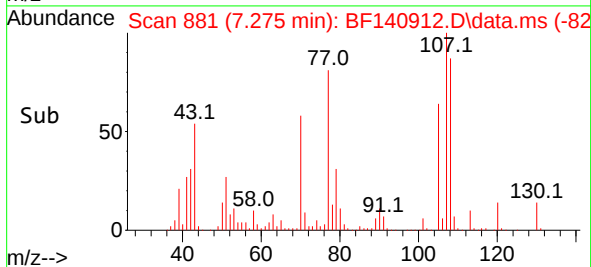
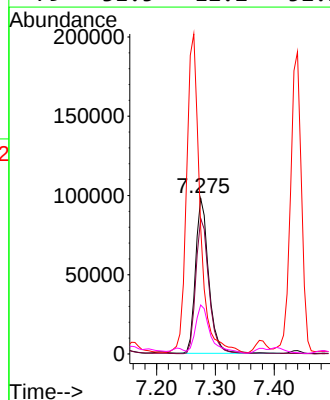
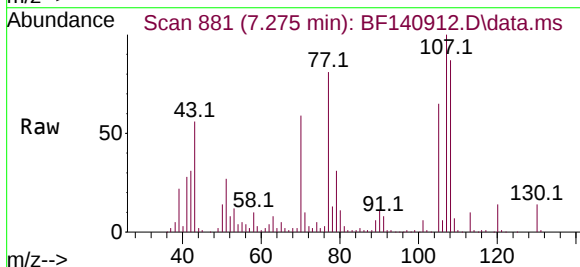
Ion Ratio Lower Upper

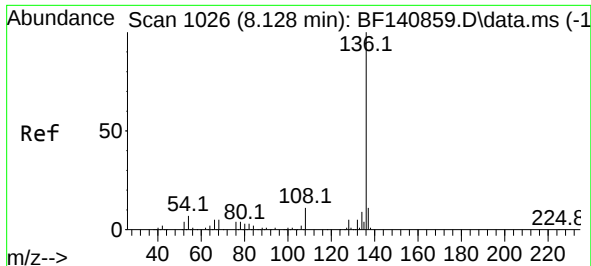
107 100

108 87.1 70.1 110.1

77 81.2 94.4 134.4#

79 31.5 12.2 52.2



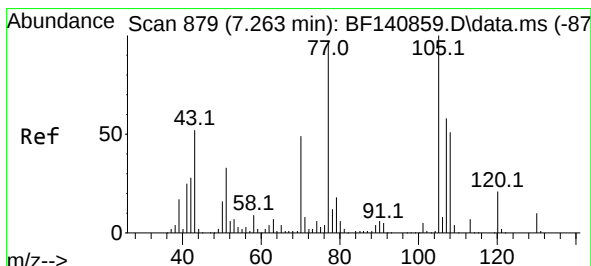
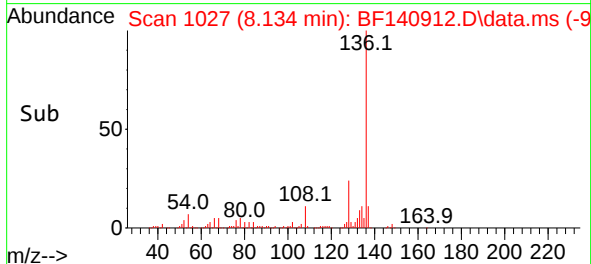
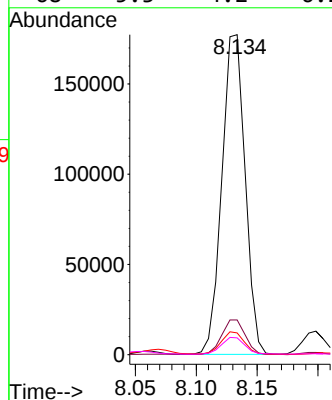
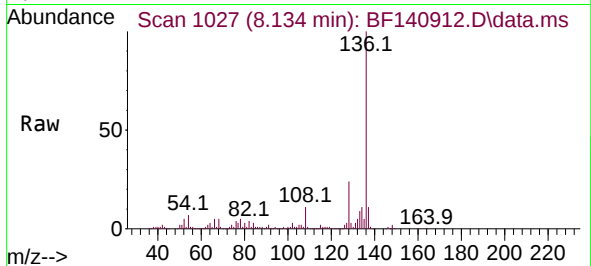


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:136 Resp: 235451

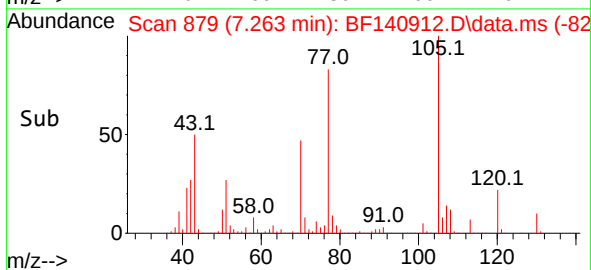
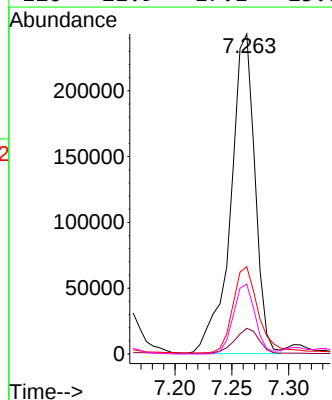
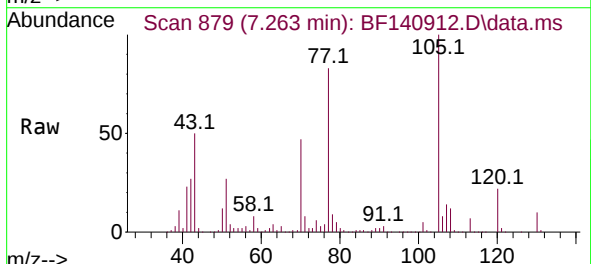
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.8	5.6	8.4
68	5.3	4.2	6.2

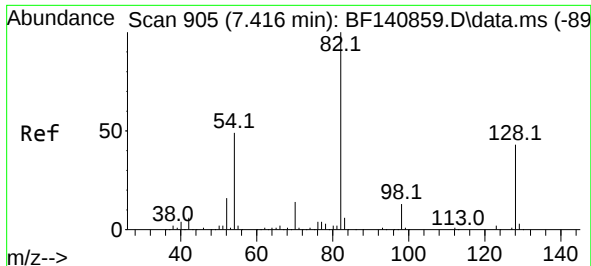


#22
Acetophenone
Concen: 61.287 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:105 Resp: 360973

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.2	9.4
51	27.2	26.3	39.5
120	21.9	17.1	25.7

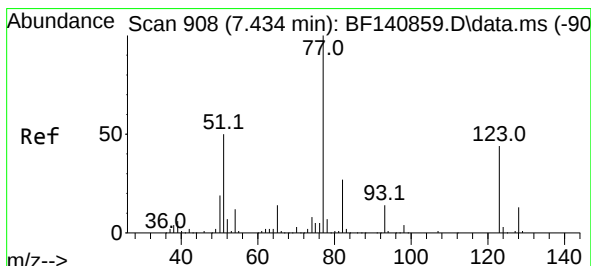
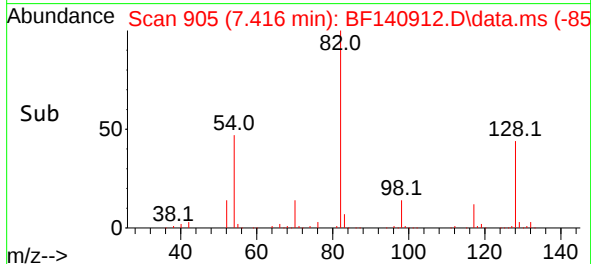
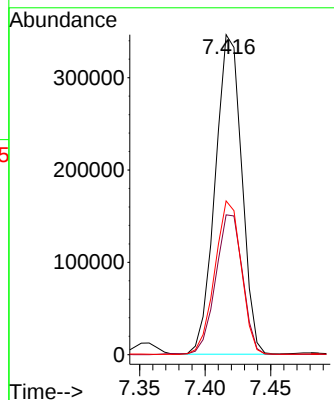
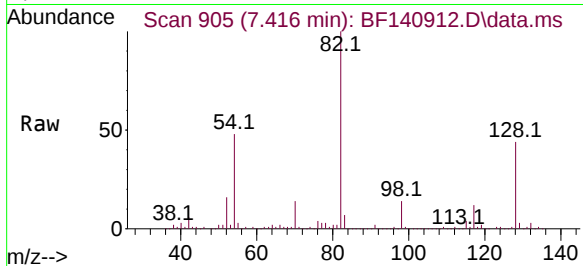




#23
 Nitrobenzene-d5
 Concen: 103.483 ng
 RT: 7.416 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: BF140912.D
 Acq: 18 Dec 2024 18:04

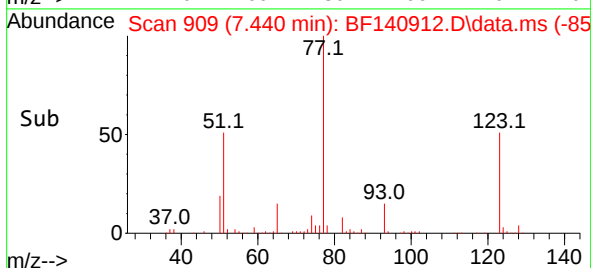
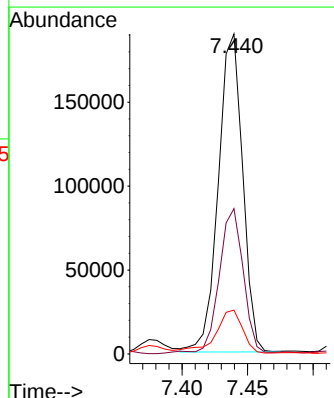
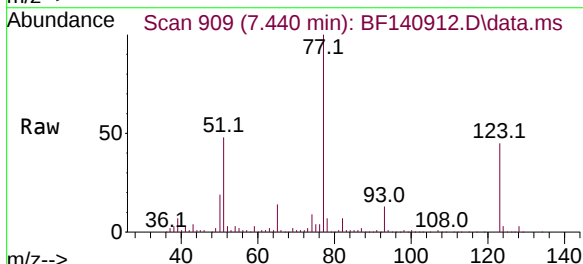
Instrument :
 BNA_F
 ClientSampleId :
 MW6-20241213MS

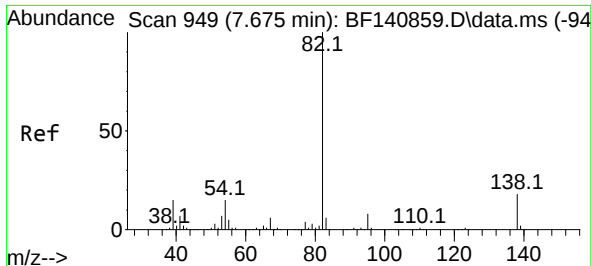
Tgt Ion: 82 Resp: 487003
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.4 51.6
 54 48.1 38.8 58.2



#24
 Nitrobenzene
 Concen: 50.746 ng
 RT: 7.440 min Scan# 909
 Delta R.T. 0.006 min
 Lab File: BF140912.D
 Acq: 18 Dec 2024 18:04

Tgt Ion: 77 Resp: 244659
 Ion Ratio Lower Upper
 77 100
 123 45.4 35.0 52.4
 65 13.7 11.4 17.0

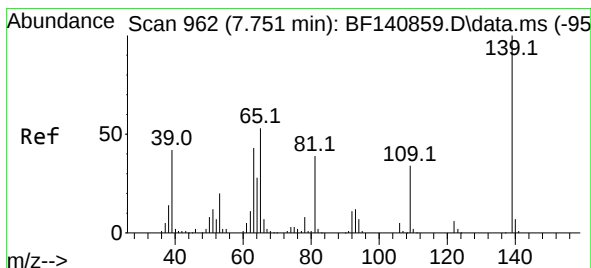
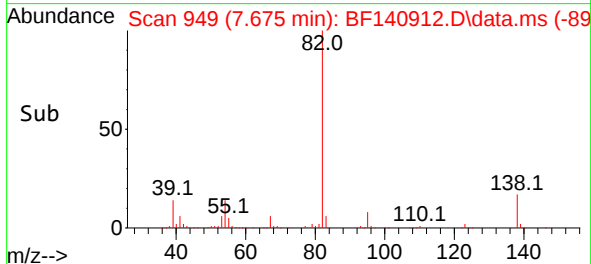
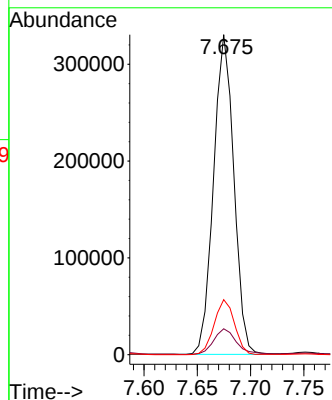
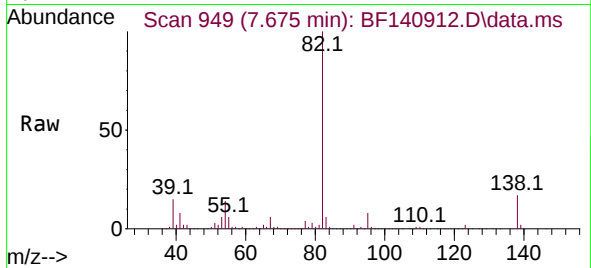




#25
Isophorone
Concen: 55.577 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

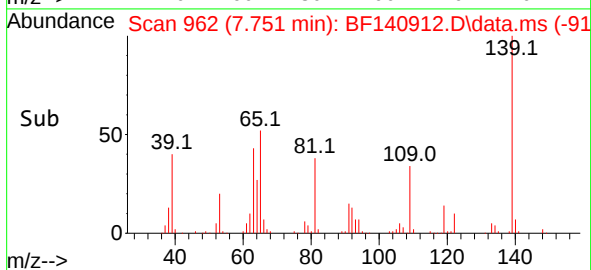
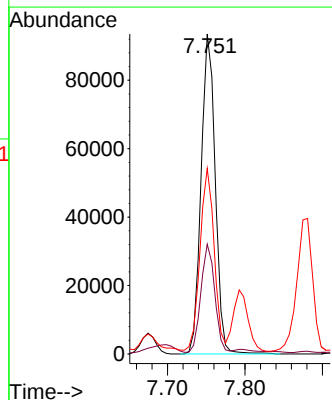
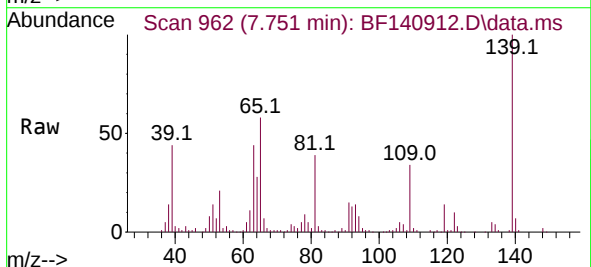
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

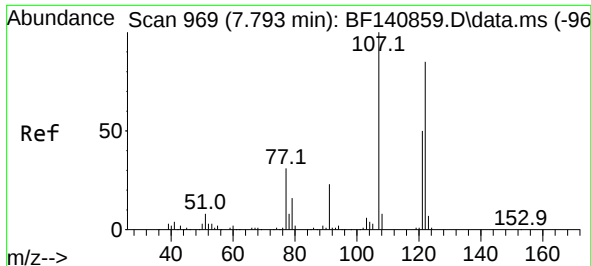
Tgt Ion: 82 Resp: 438242
Ion Ratio Lower Upper
82 100
95 8.1 6.3 9.5
138 17.2 14.1 21.1



#26
2-Nitrophenol
Concen: 53.407 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:139 Resp: 118590
Ion Ratio Lower Upper
139 100
109 34.3 26.9 40.3
65 58.0 42.6 64.0

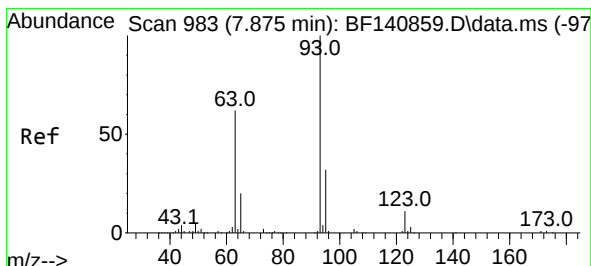
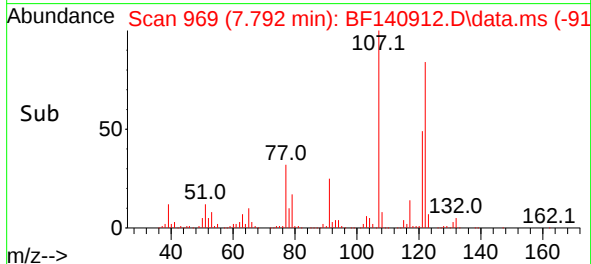
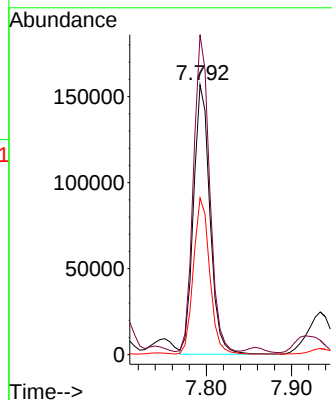
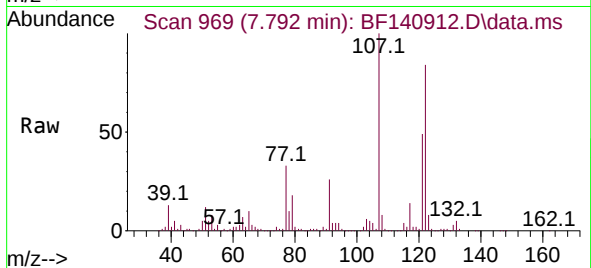




#27
2,4-Dimethylphenol
Concen: 80.839 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

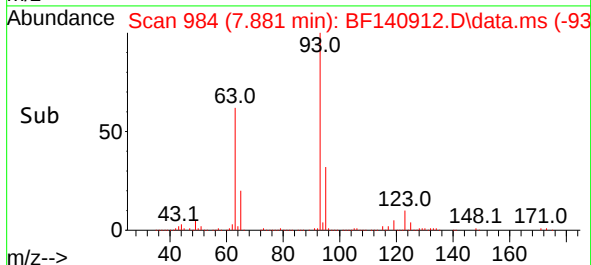
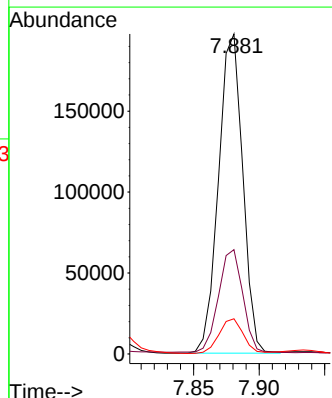
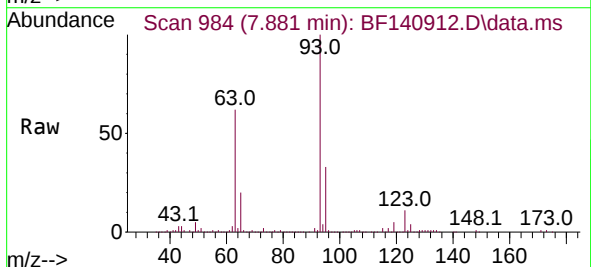
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

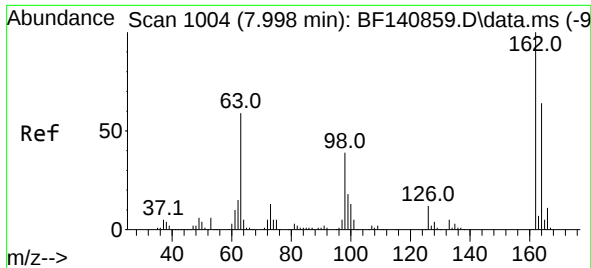
Tgt Ion:122 Resp: 209632
Ion Ratio Lower Upper
122 100
107 118.6 92.6 139.0
121 58.1 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 51.350 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion: 93 Resp: 252895
Ion Ratio Lower Upper
93 100
95 32.6 25.3 37.9
123 11.0 8.6 13.0

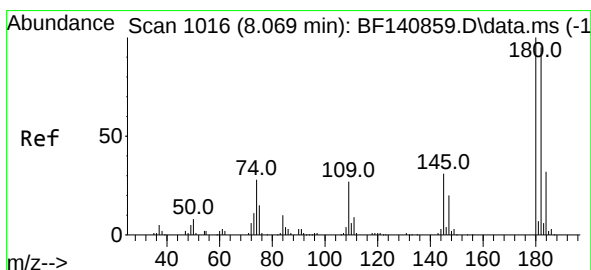
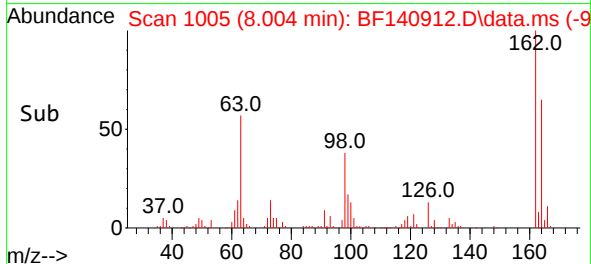
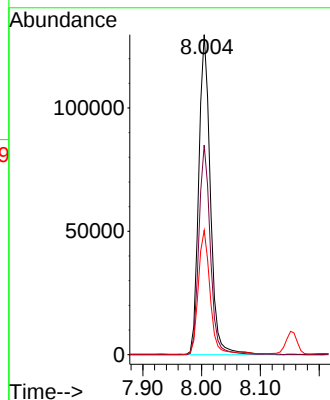
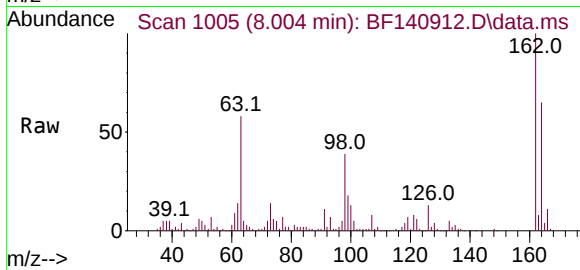




#29
2,4-Dichlorophenol
Concen: 49.751 ng
RT: 8.004 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

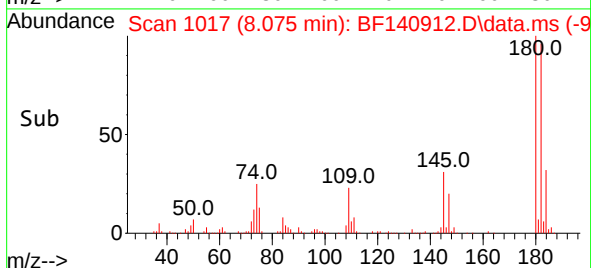
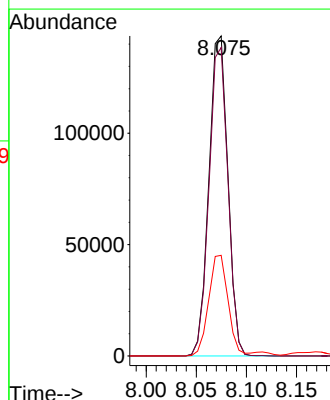
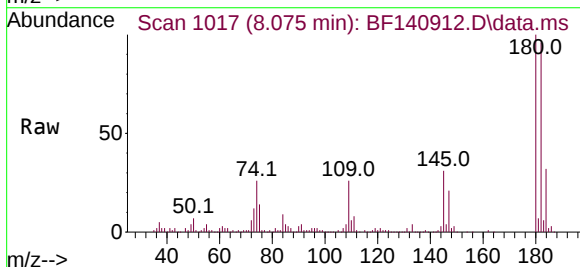
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

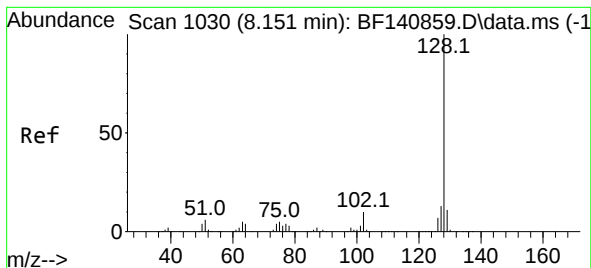
Tgt Ion:162 Resp: 178117
Ion Ratio Lower Upper
162 100
164 65.5 43.7 83.7
98 38.8 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 46.316 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:180 Resp: 190090
Ion Ratio Lower Upper
180 100
182 96.4 75.8 113.6
145 31.4 25.2 37.8





#31

Naphthalene

Concen: 59.400 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

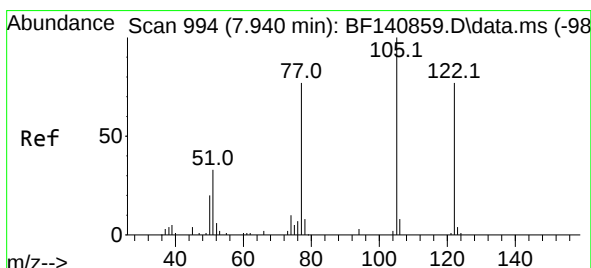
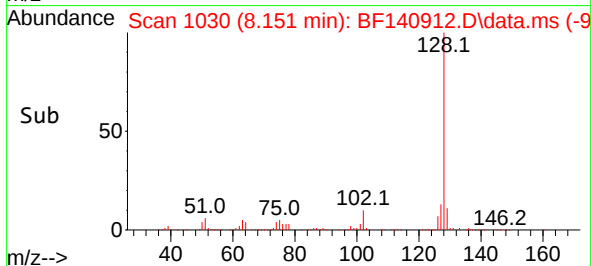
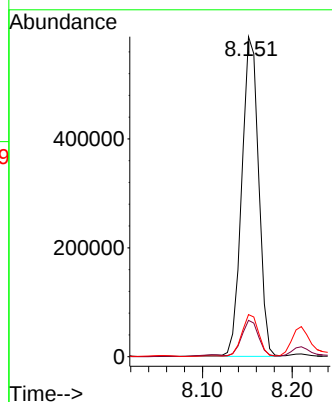
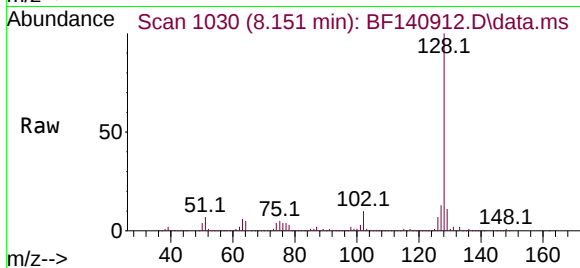
Tgt Ion:128 Resp: 768248

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.1 10.6 16.0



#32

Benzoic acid

Concen: 19.383 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

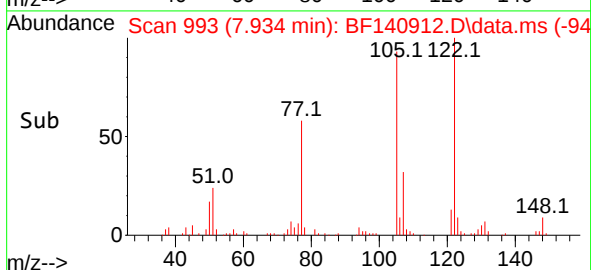
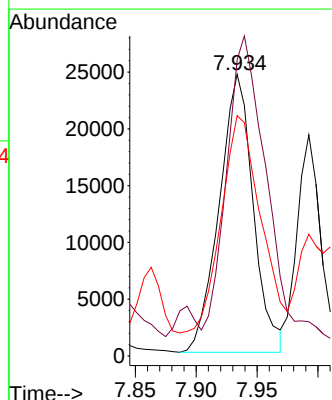
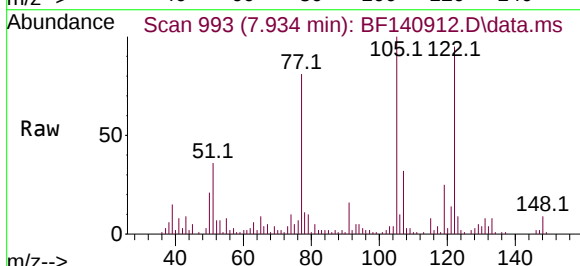
Tgt Ion:122 Resp: 47671

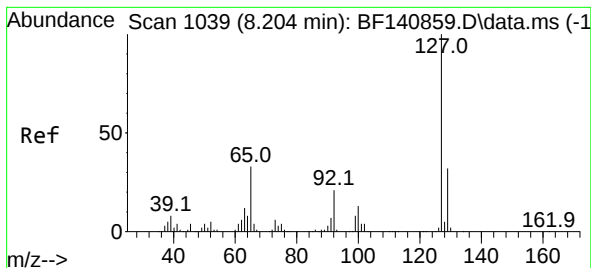
Ion Ratio Lower Upper

122 100

105 105.3 108.3 148.3#

77 85.4 78.8 118.8





#33

4-Chloroaniline

Concen: 21.579 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

Tgt Ion:127 Resp: 92694

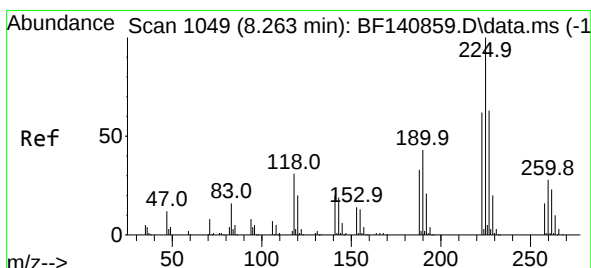
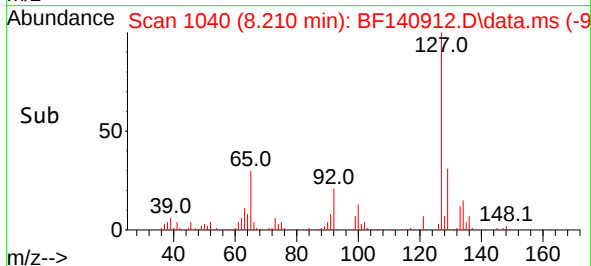
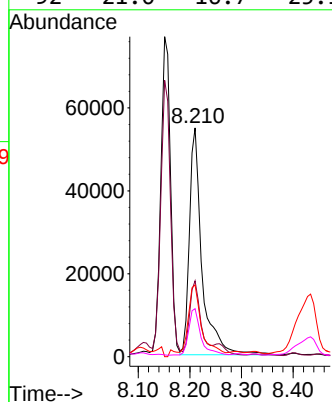
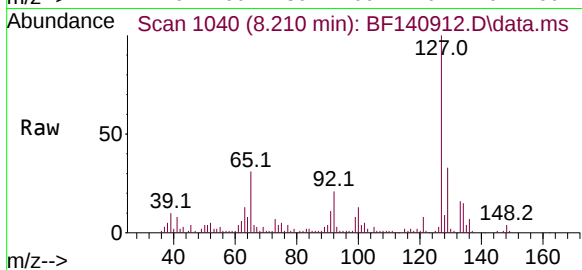
Ion Ratio Lower Upper

127 100

129 33.2 26.0 39.0

65 31.4 26.0 39.0

92 21.0 16.7 25.1



#34

Hexachlorobutadiene

Concen: 44.949 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

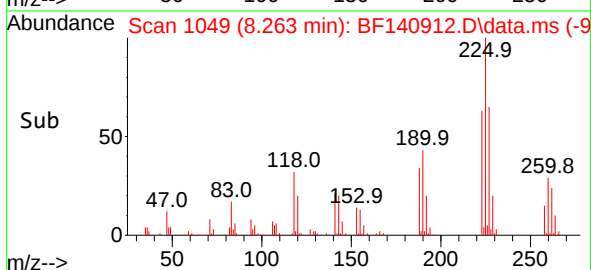
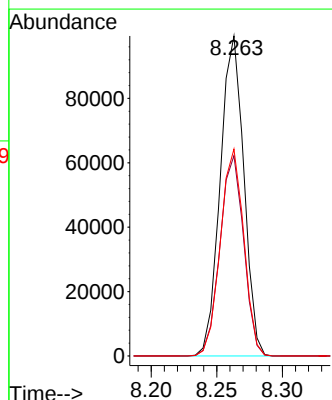
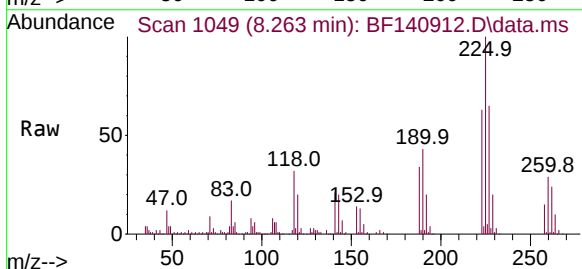
Tgt Ion:225 Resp: 124116

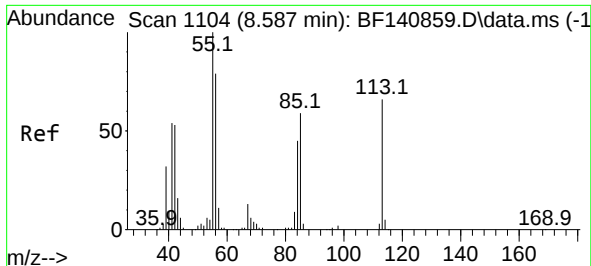
Ion Ratio Lower Upper

225 100

223 62.6 49.6 74.4

227 64.7 50.7 76.1

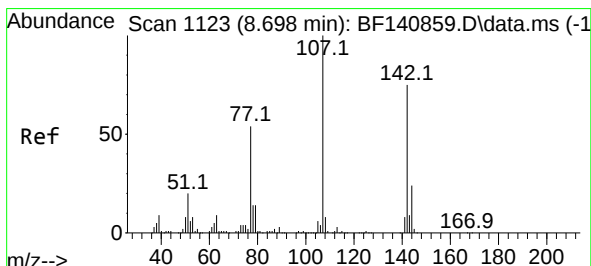
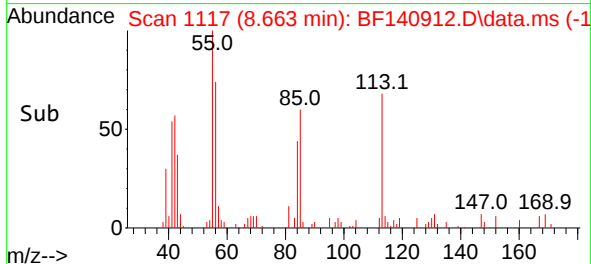
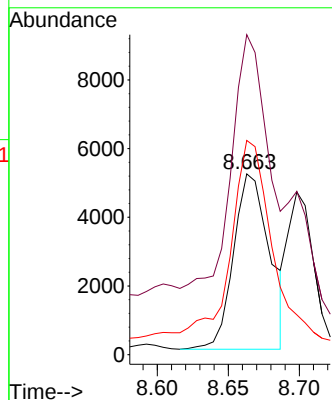
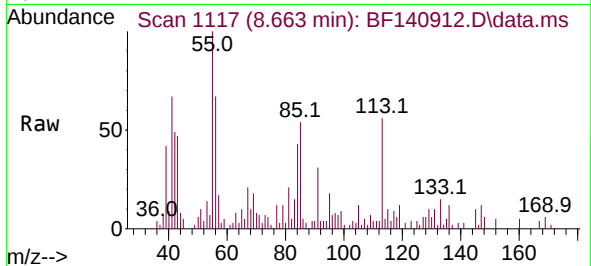




#35
Caprolactam
Concen: 8.469 ng
RT: 8.663 min Scan# 1117
Delta R.T. 0.076 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

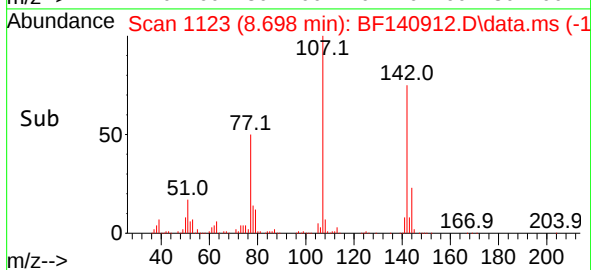
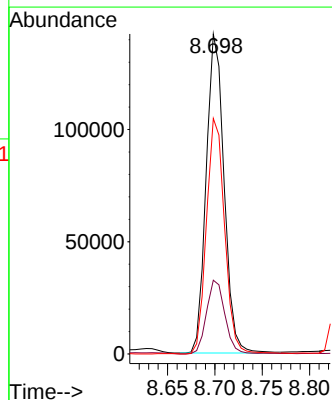
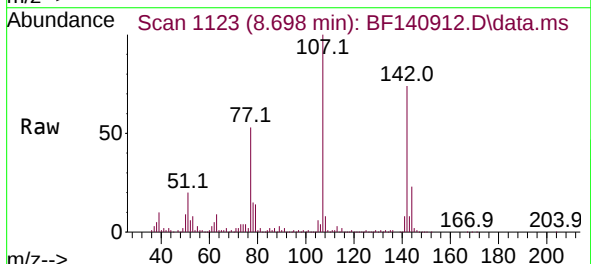
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

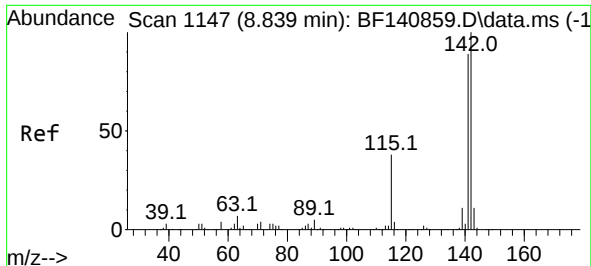
Tgt Ion:113 Resp: 9027
Ion Ratio Lower Upper
113 100
55 177.0 132.3 172.3#
56 118.5 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 46.227 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:107 Resp: 186274
Ion Ratio Lower Upper
107 100
144 23.1 19.4 29.2
142 73.6 60.3 90.5

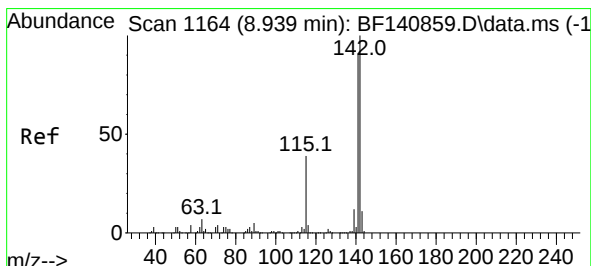
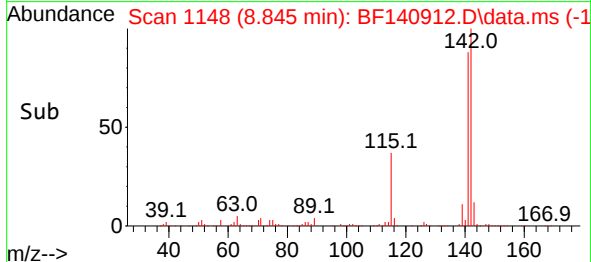
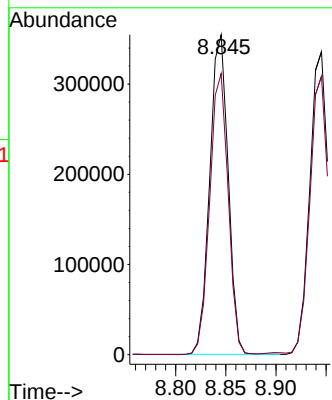
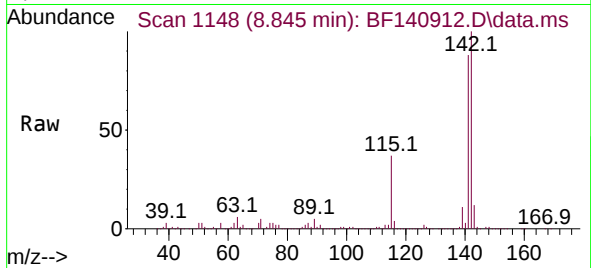




#37
2-Methylnaphthalene
Concen: 52.871 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

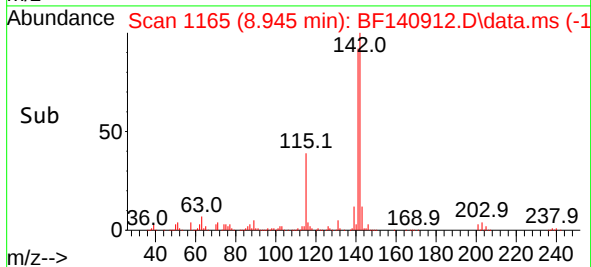
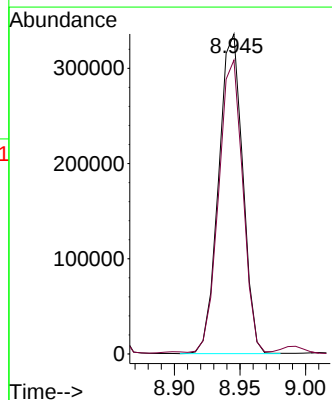
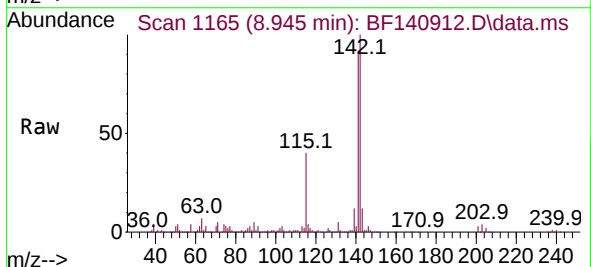
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

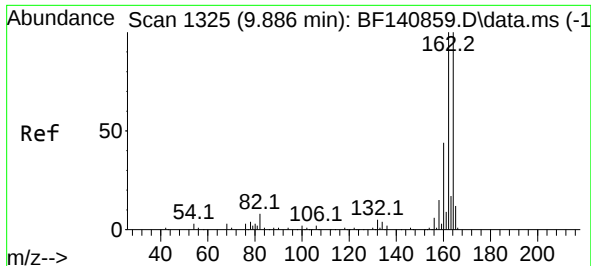
Tgt Ion:142 Resp: 452341
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6



#38
1-Methylnaphthalene
Concen: 50.661 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:142 Resp: 428660
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0

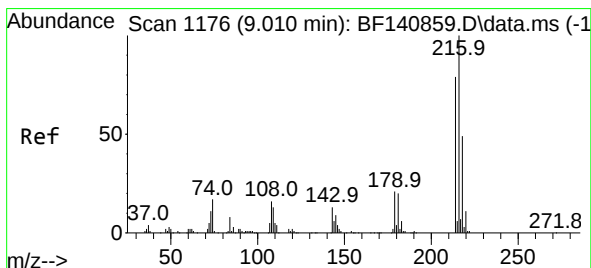
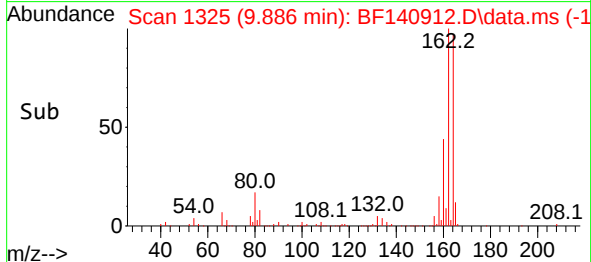
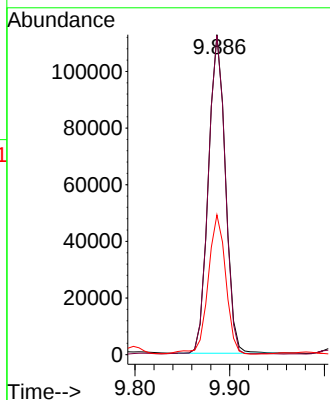
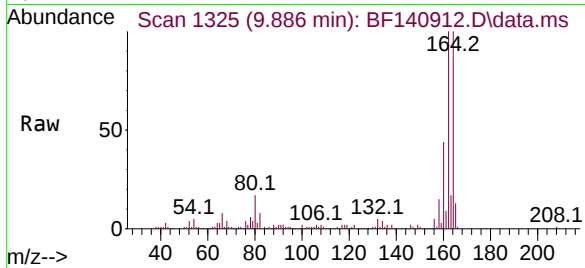




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

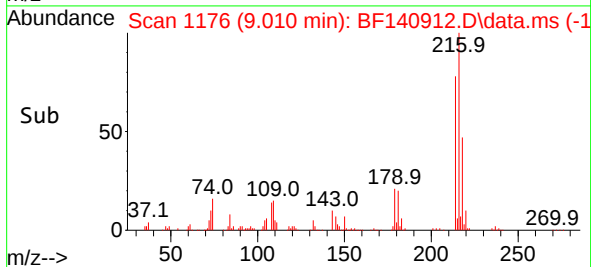
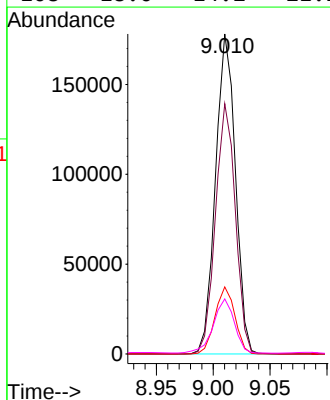
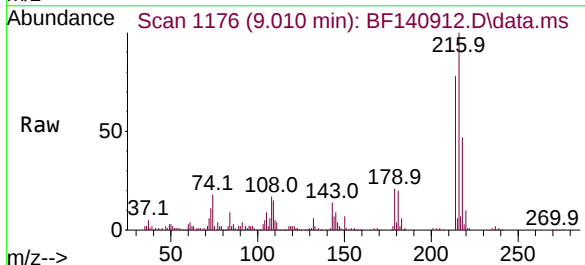
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Tgt Ion:164 Resp: 140282
Ion Ratio Lower Upper
164 100
162 99.7 79.9 119.9
160 43.7 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.342 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:216 Resp: 217061
Ion Ratio Lower Upper
216 100
214 78.2 63.6 95.4
179 20.9 17.0 25.4
108 18.0 14.2 21.2

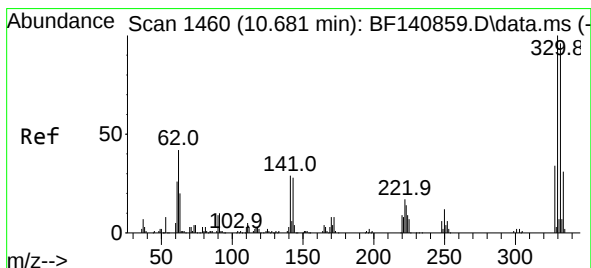
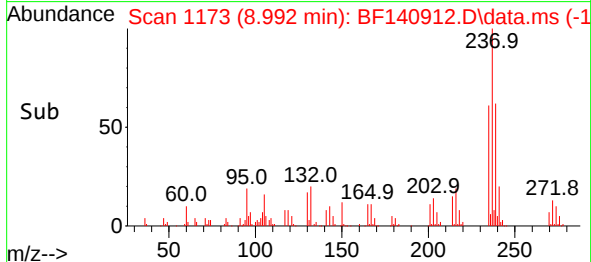
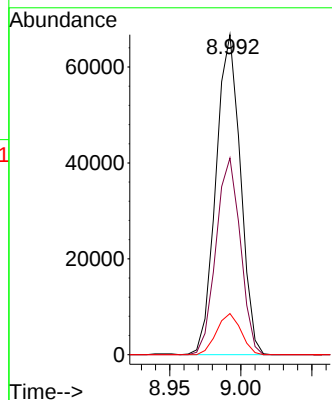
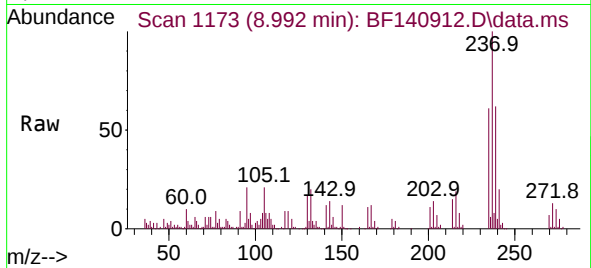




#41
Hexachlorocyclopentadiene
Concen: 61.515 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

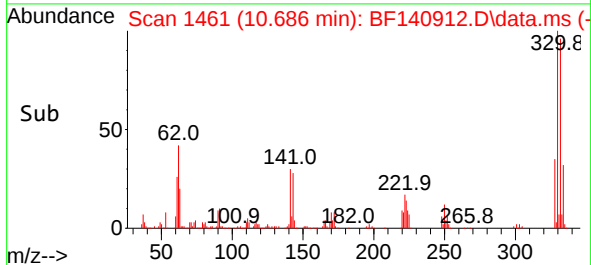
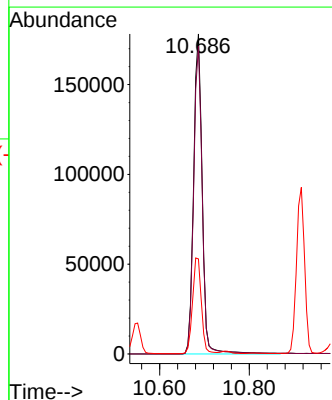
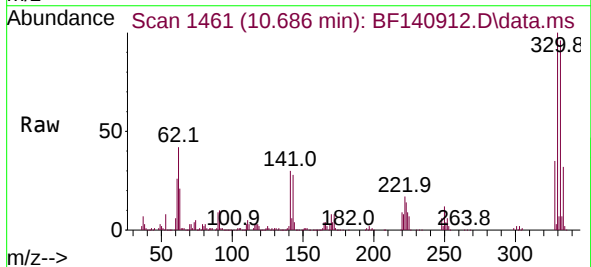
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

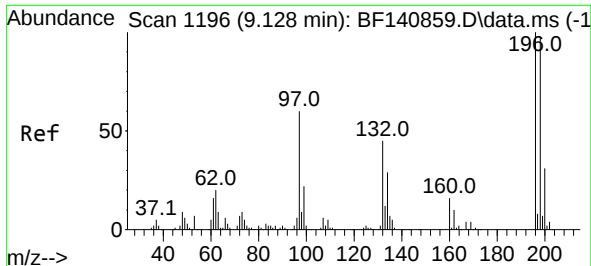
Tgt Ion:	237	Resp:	79945
Ion	Ratio	Lower	Upper
237	100		
235	61.5	43.7	83.7
272	12.8	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 143.426 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:	330	Resp:	237964
Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	30.6	24.9	37.3





#43

2,4,6-Trichlorophenol

Concen: 51.208 ng

RT: 9.134 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

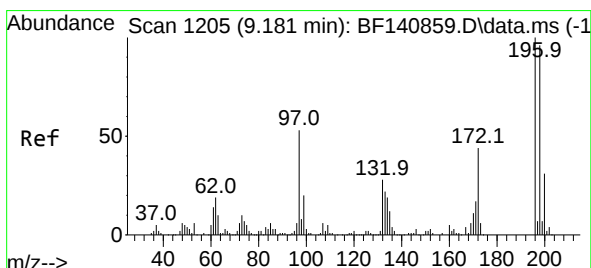
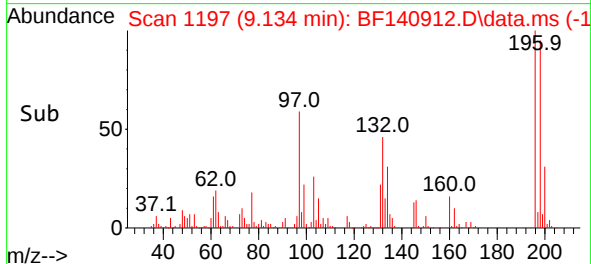
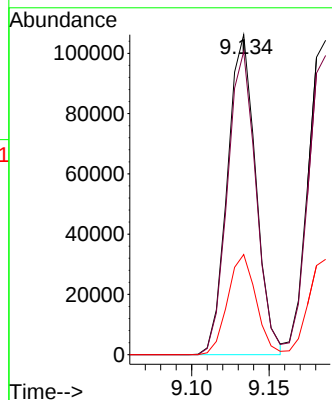
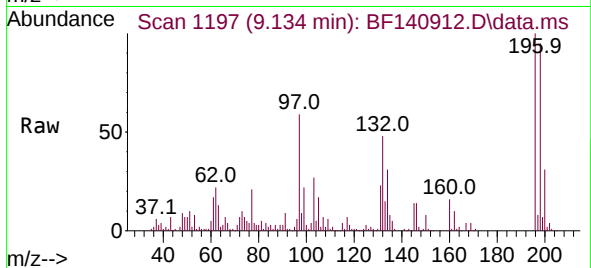
Tgt Ion:196 Resp: 135198

Ion Ratio Lower Upper

196 100

198 94.8 77.4 116.0

200 31.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 50.049 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Tgt Ion:196 Resp: 145237

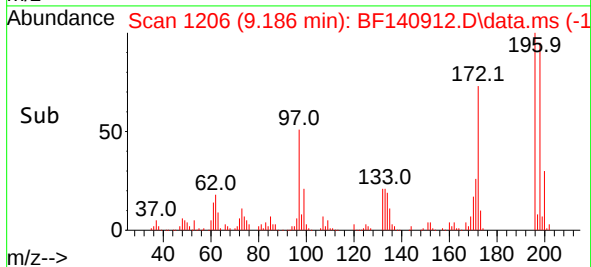
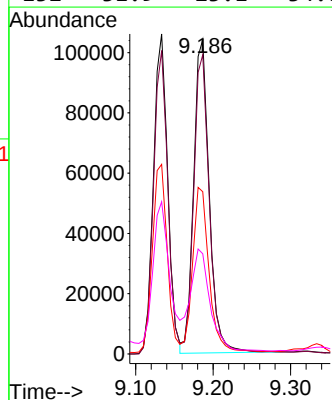
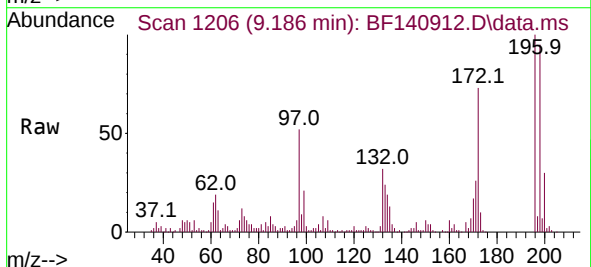
Ion Ratio Lower Upper

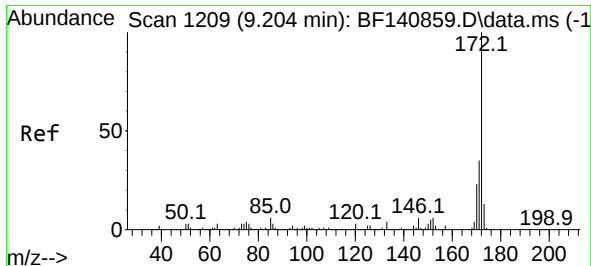
196 100

198 95.2 77.2 115.8

97 51.6 42.2 63.4

132 31.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 97.327 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

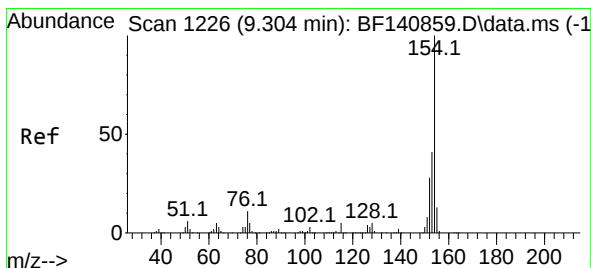
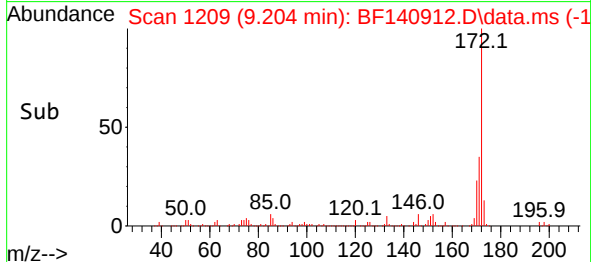
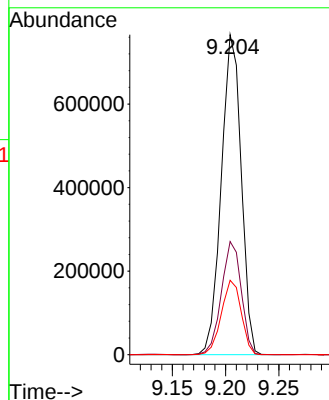
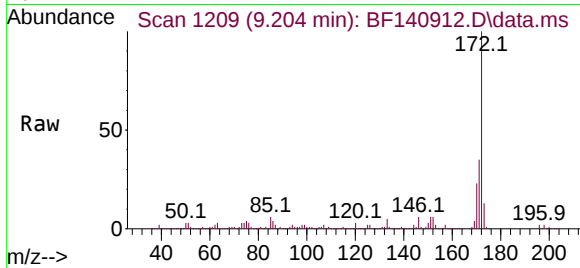
Tgt Ion:172 Resp: 993067

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 51.157 ng

RT: 9.310 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

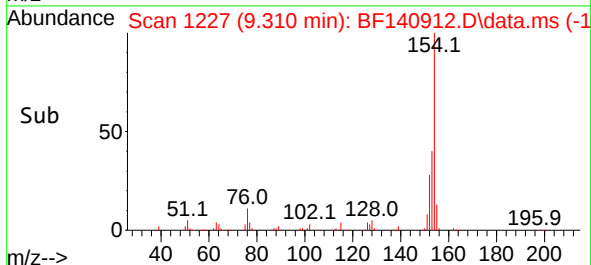
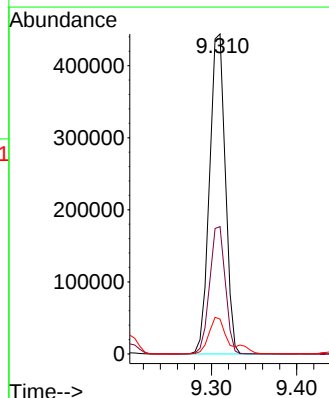
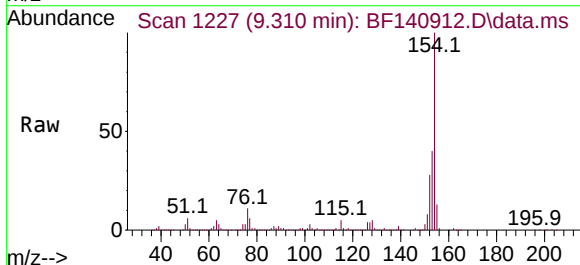
Tgt Ion:154 Resp: 570652

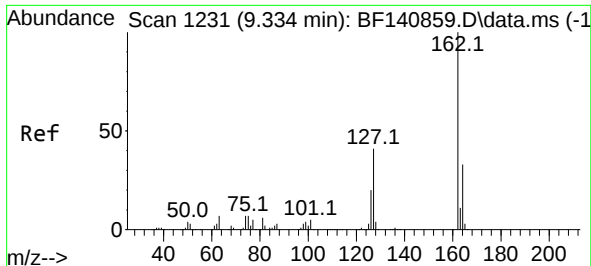
Ion Ratio Lower Upper

154 100

153 39.8 20.8 60.8

76 10.9 0.0 31.0

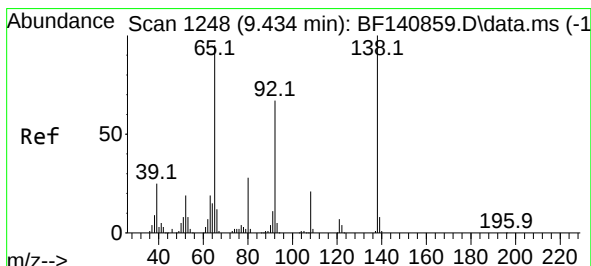
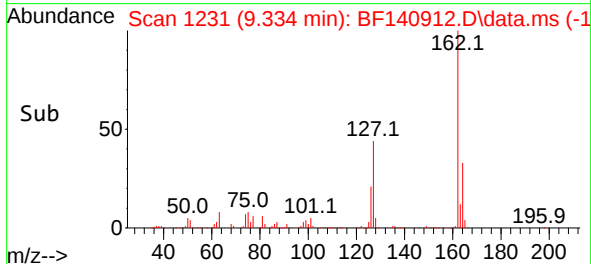
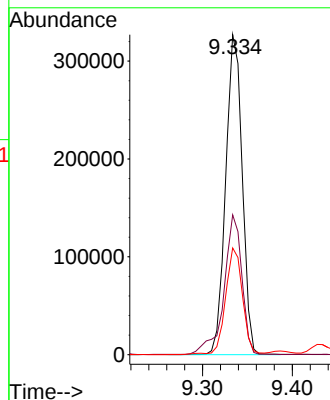
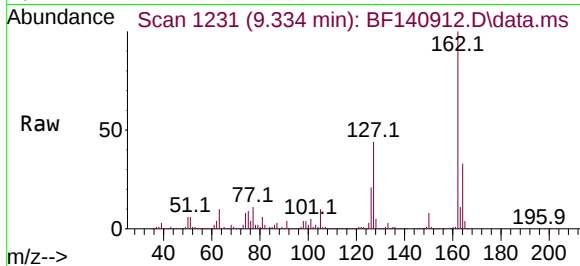




#47
2-Chloronaphthalene
Concen: 49.025 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

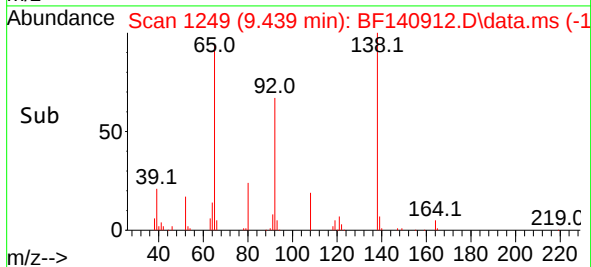
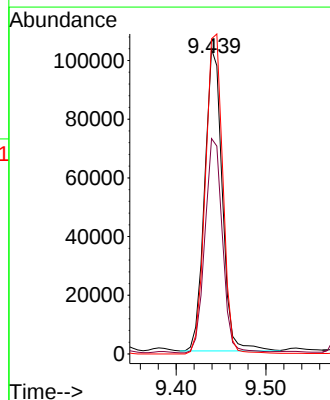
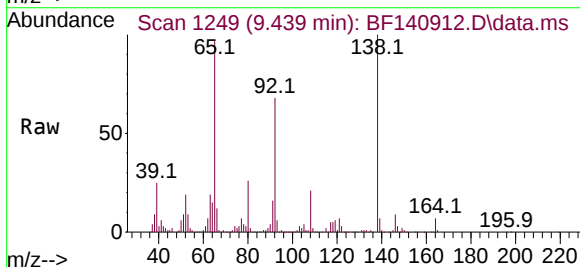
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

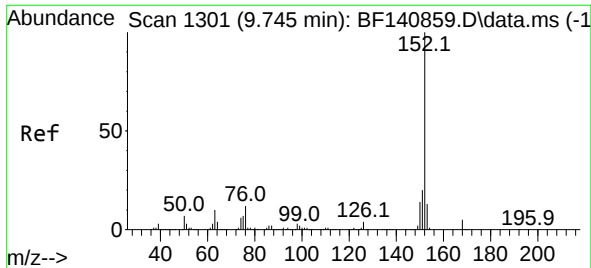
Tgt Ion:162 Resp: 418363
Ion Ratio Lower Upper
162 100
127 43.7 33.5 50.3
164 33.3 26.2 39.2



#48
2-Nitroaniline
Concen: 54.460 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion: 65 Resp: 140359
Ion Ratio Lower Upper
65 100
92 70.6 56.3 84.5
138 103.4 83.8 125.6





#49

Acenaphthylene

Concen: 53.781 ng

RT: 9.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

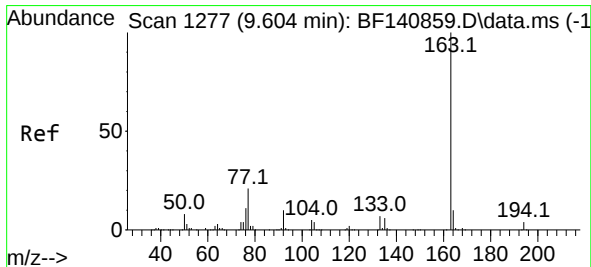
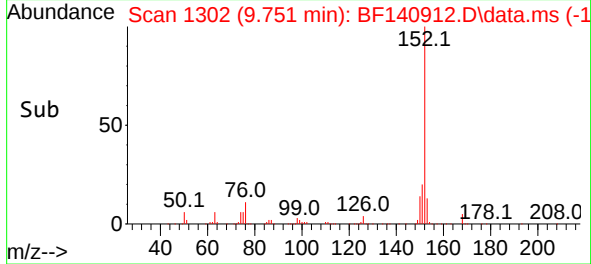
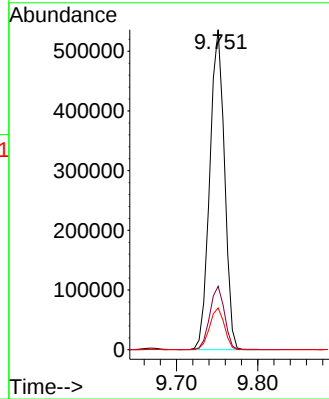
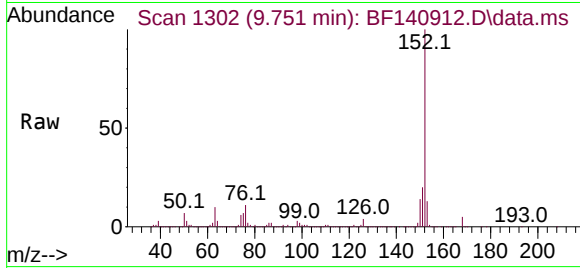
Tgt Ion:152 Resp: 674463

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 51.831 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

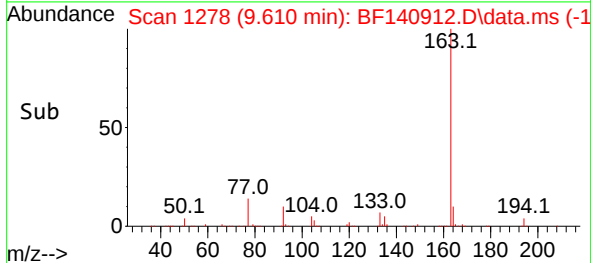
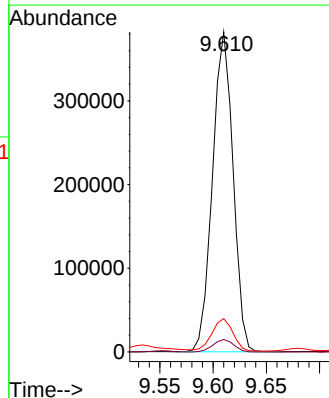
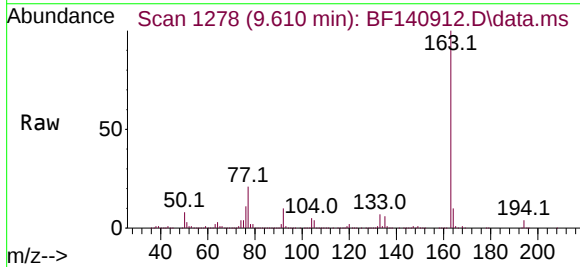
Tgt Ion:163 Resp: 512617

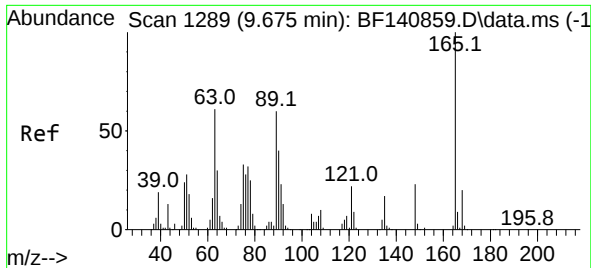
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.1 12.1

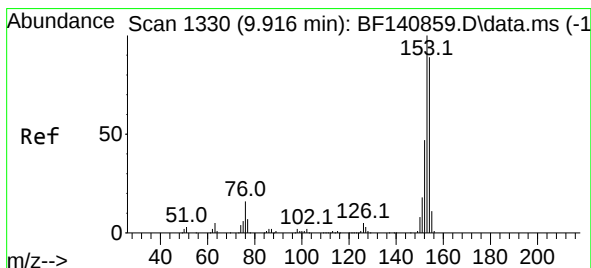
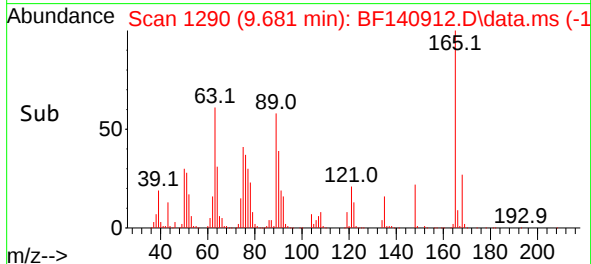
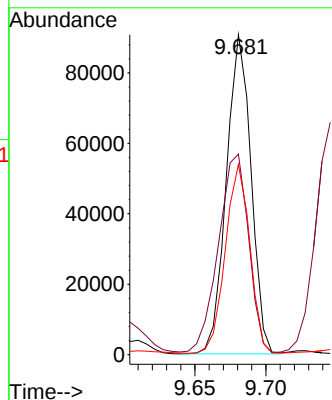
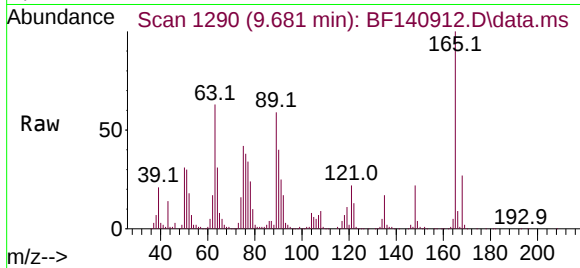




#51
2,6-Dinitrotoluene
Concen: 48.431 ng
RT: 9.681 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

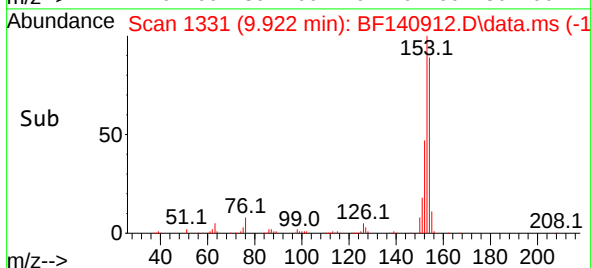
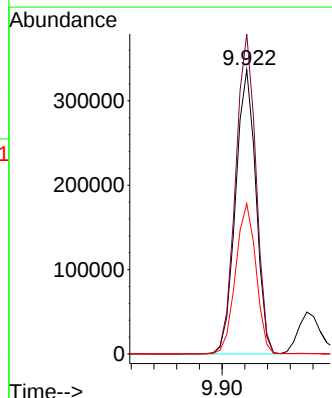
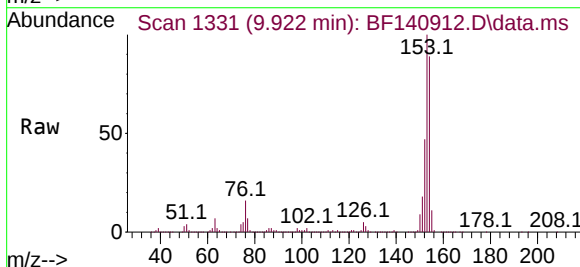
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

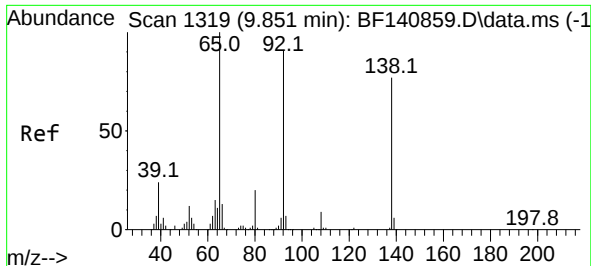
Tgt Ion:165 Resp: 109503
Ion Ratio Lower Upper
165 100
63 62.7 49.7 74.5
89 59.5 48.2 72.4



#52
Acenaphthene
Concen: 52.252 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:154 Resp: 418589
Ion Ratio Lower Upper
154 100
153 112.6 89.9 134.9
152 52.9 42.6 63.8

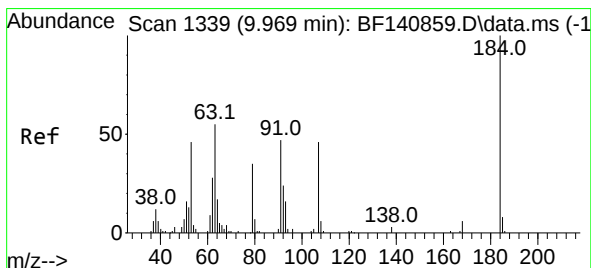
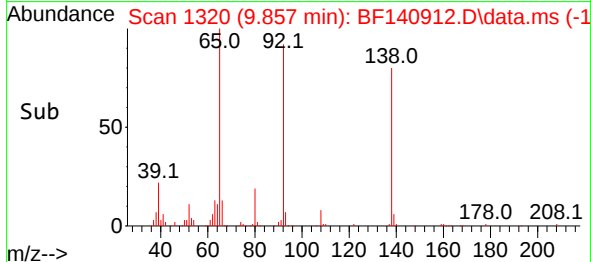
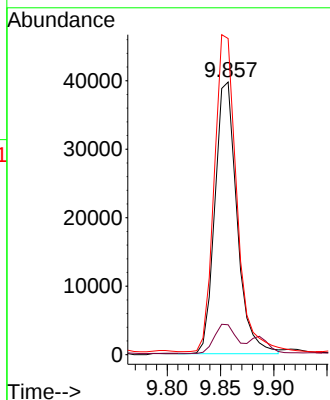
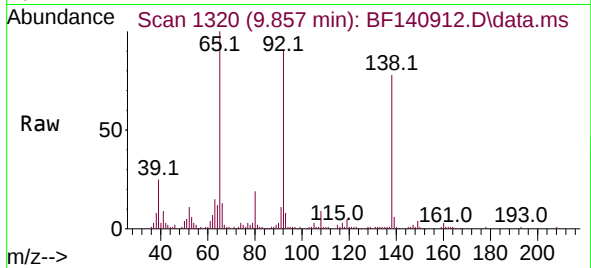




#53
3-Nitroaniline
Concen: 25.448 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

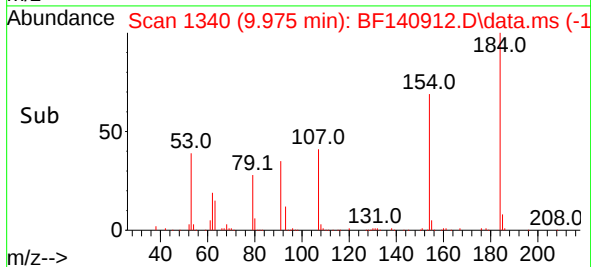
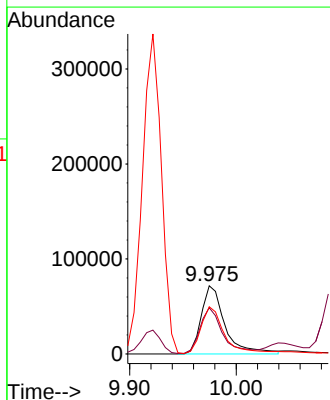
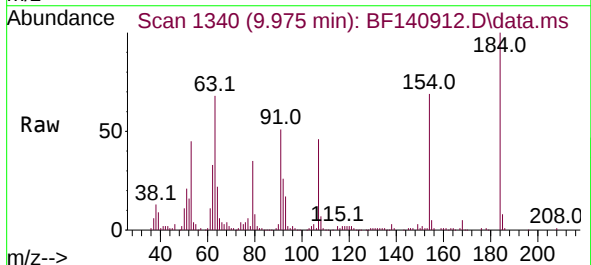
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

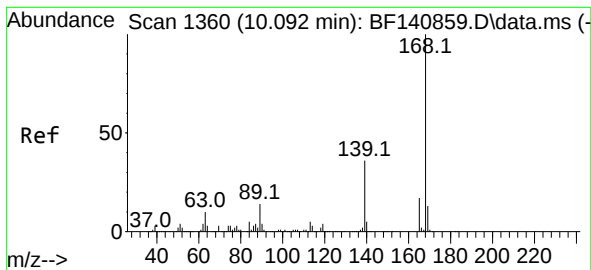
Tgt Ion:138 Resp: 57100
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 116.0 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 99.103 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:184 Resp: 111206
Ion Ratio Lower Upper
184 100
63 67.8 51.6 77.4
154 69.4 56.1 84.1





#55

Dibenzofuran

Concen: 50.551 ng

RT: 10.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

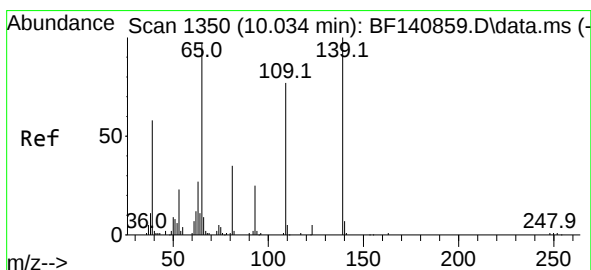
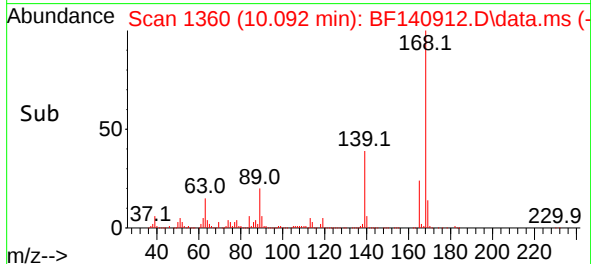
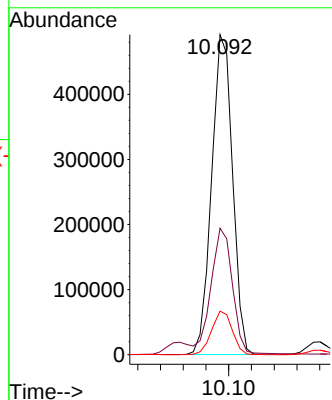
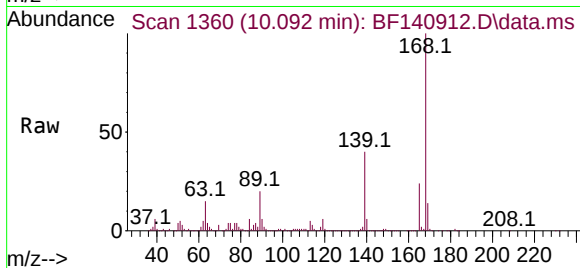
Tgt Ion:168 Resp: 627512

Ion Ratio Lower Upper

168 100

139 39.5 31.1 46.7

169 13.6 10.6 16.0



#56

4-Nitrophenol

Concen: 27.059 ng

RT: 10.057 min Scan# 1354

Delta R.T. 0.023 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

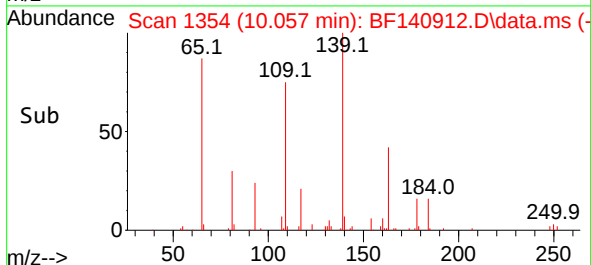
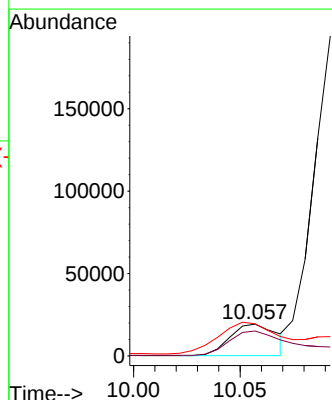
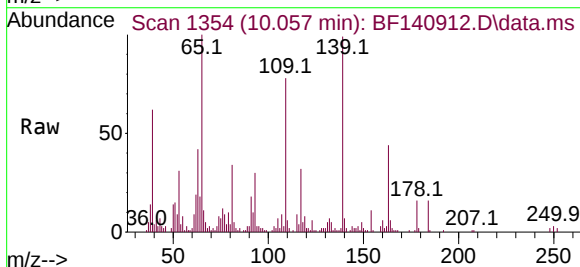
Tgt Ion:139 Resp: 28903

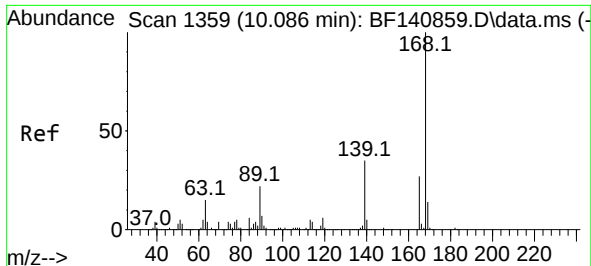
Ion Ratio Lower Upper

139 100

109 78.6 56.7 96.7

65 101.2 78.1 118.1

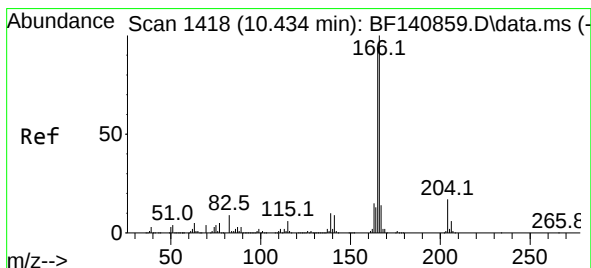
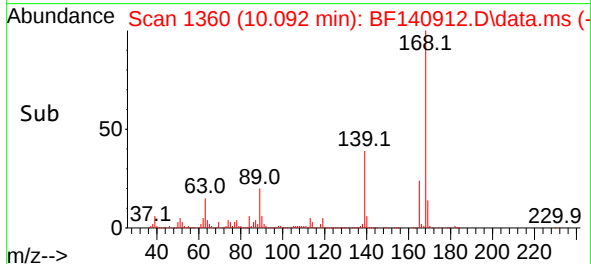
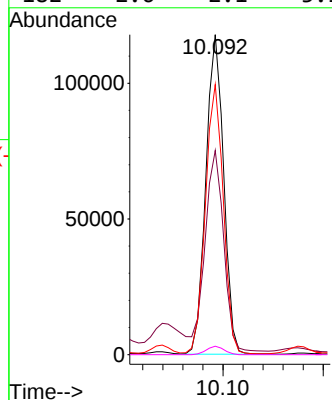
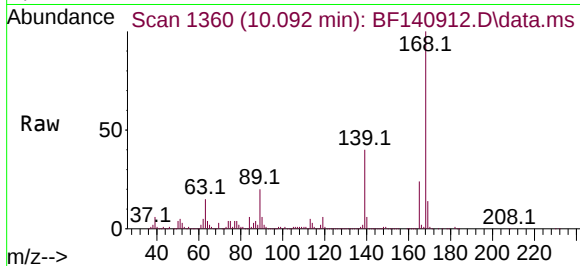




#57
2,4-Dinitrotoluene
Concen: 48.902 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

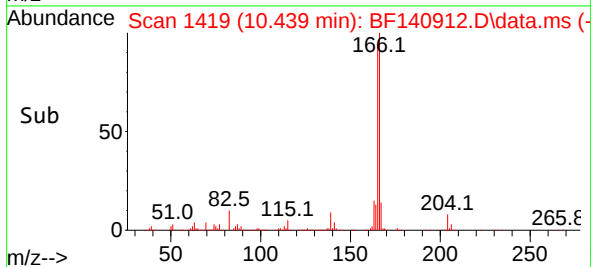
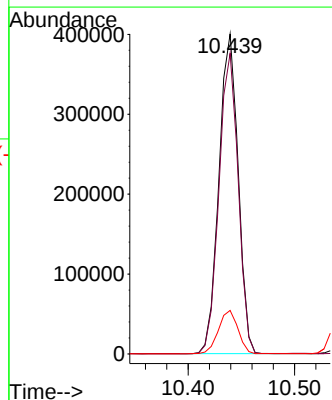
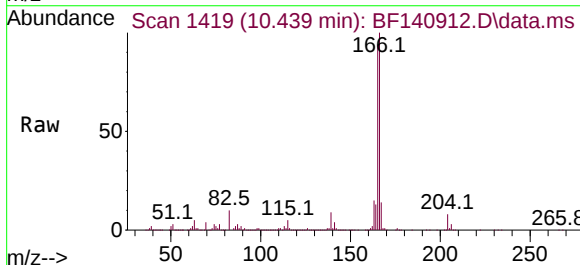
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

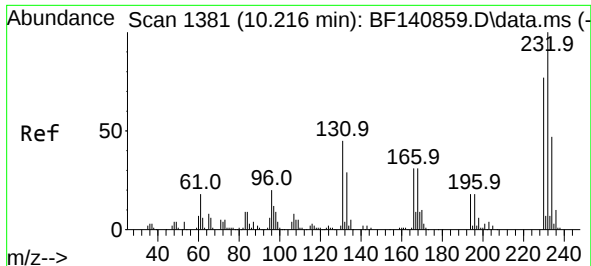
Tgt Ion:165 Resp: 145476
Ion Ratio Lower Upper
165 100
63 63.8 49.3 73.9
89 84.4 66.2 99.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 48.855 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:166 Resp: 500319
Ion Ratio Lower Upper
166 100
165 93.9 75.1 112.7
167 13.6 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.622 ng

RT: 10.222 min Scan# 1382

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

Tgt Ion:232 Resp: 126796

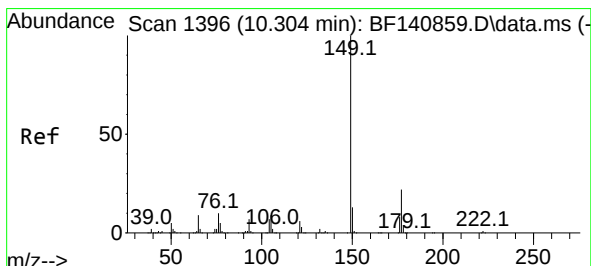
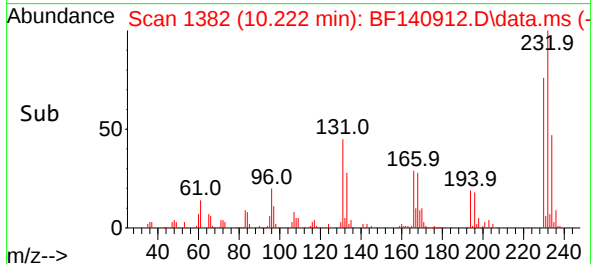
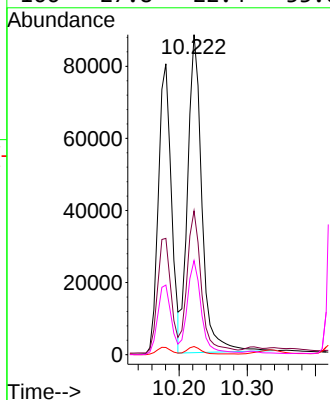
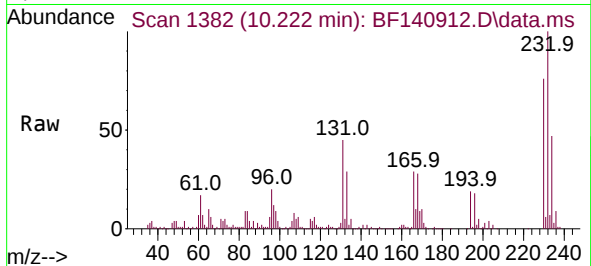
Ion Ratio Lower Upper

232 100

131 42.7 35.1 52.7

130 2.5 1.8 2.8

166 27.8 22.4 33.6



#60

Diethylphthalate

Concen: 49.748 ng

RT: 10.304 min Scan# 1396

Delta R.T. -0.000 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

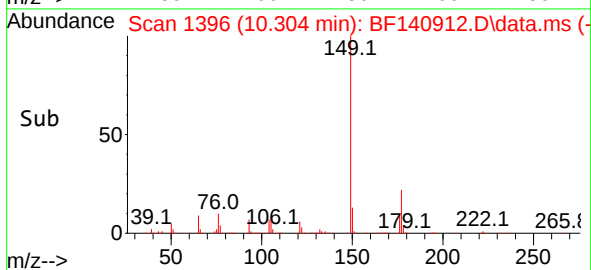
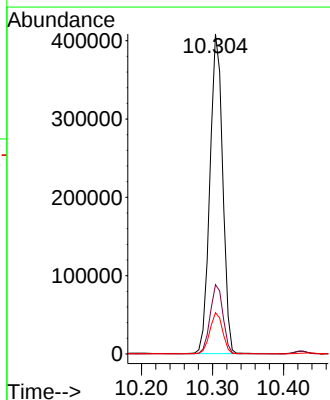
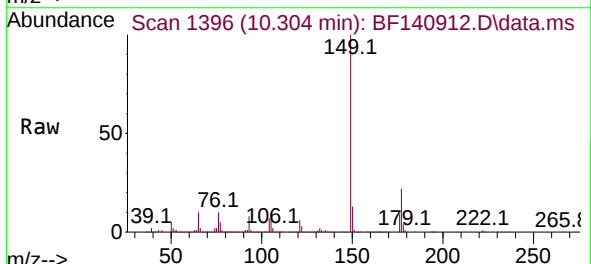
Tgt Ion:149 Resp: 510205

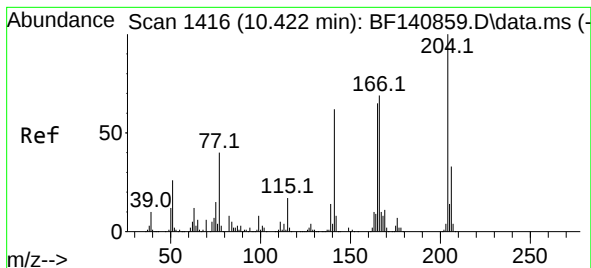
Ion Ratio Lower Upper

149 100

177 21.7 17.2 25.8

150 12.9 10.1 15.1

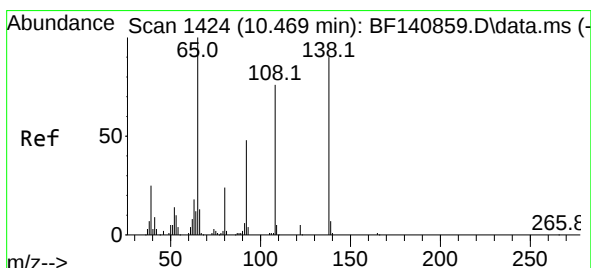
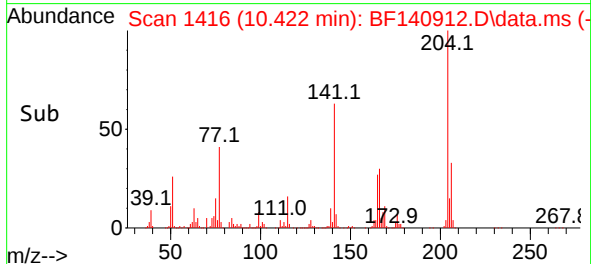
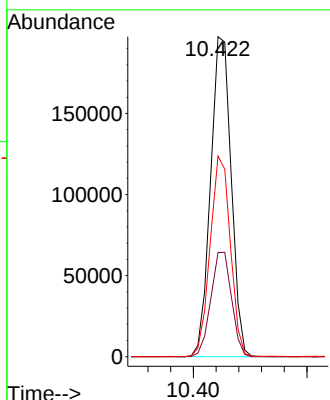
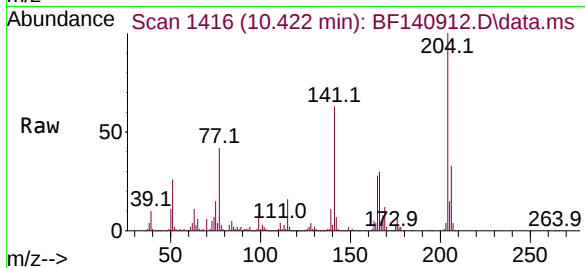




#61
4-Chlorophenyl-phenylether
Concen: 48.346 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

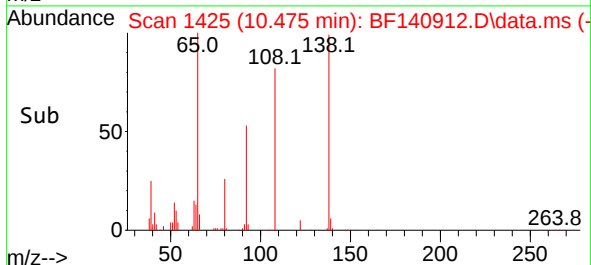
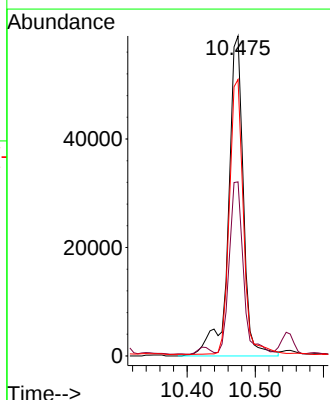
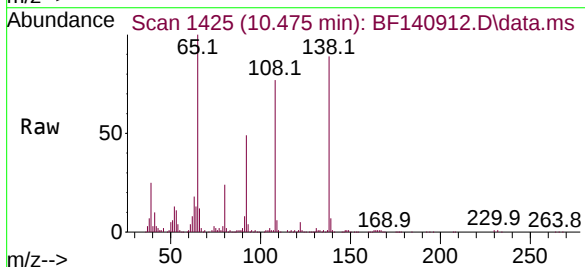
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

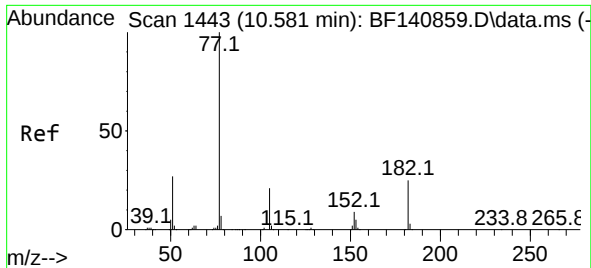
Tgt Ion:204 Resp: 248701
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 62.7 50.0 75.0



#62
4-Nitroaniline
Concen: 38.579 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:138 Resp: 90457
Ion Ratio Lower Upper
138 100
92 54.4 32.6 72.6
108 86.4 64.1 104.1

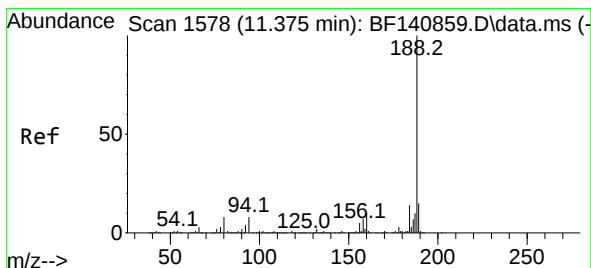
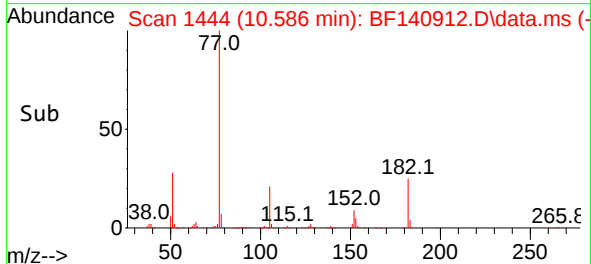
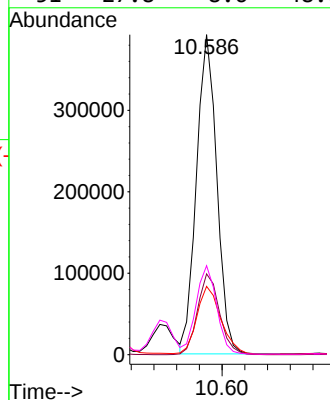
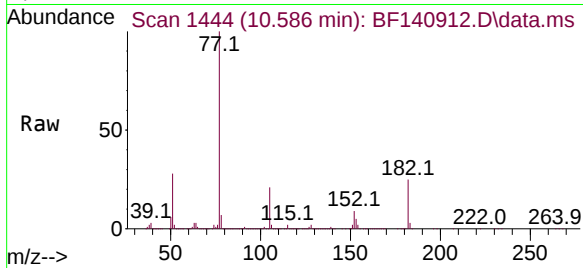




#63
Azobenzene
Concen: 50.643 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

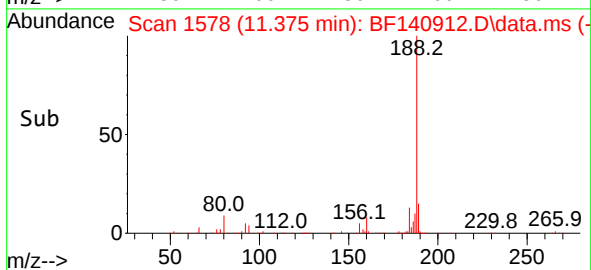
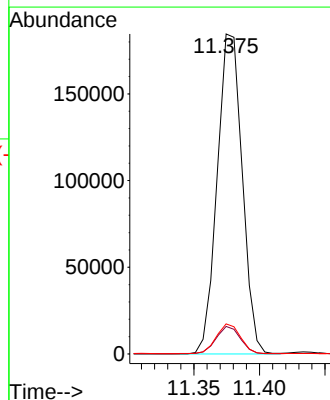
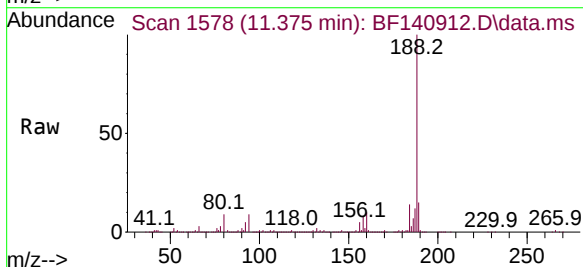
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

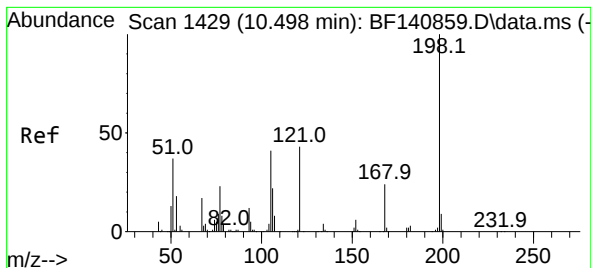
Tgt Ion: 77	Resp: 488284
Ion Ratio	Lower Upper
77 100	
182 25.3	4.5 44.5
105 21.4	0.9 40.9
51 27.8	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:188	Resp: 244956
Ion Ratio	Lower Upper
188 100	
94 8.6	6.4 9.6
80 9.4	6.8 10.2

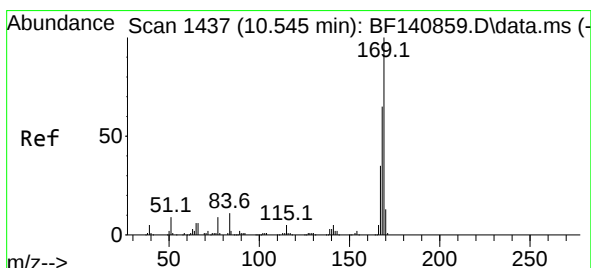
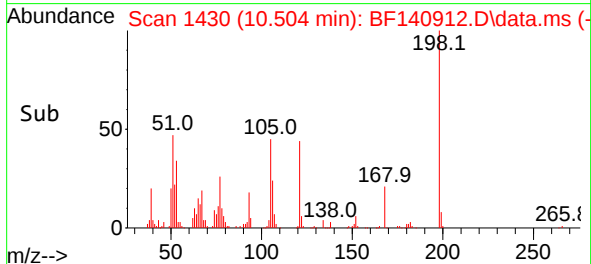
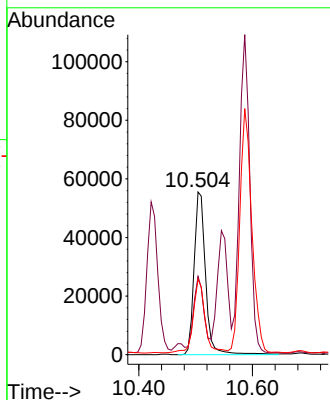
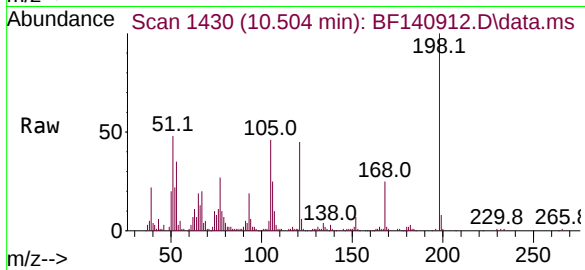




#65
4,6-Dinitro-2-methylphenol
Concen: 56.538 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

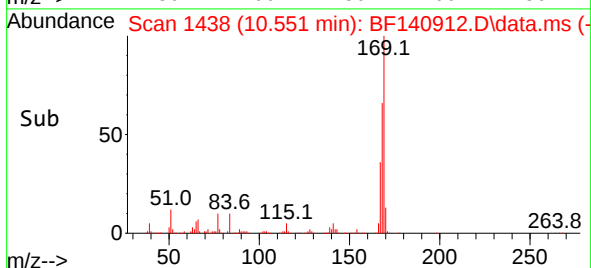
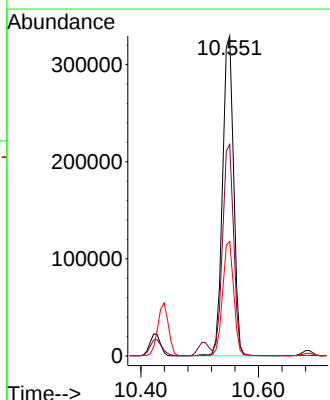
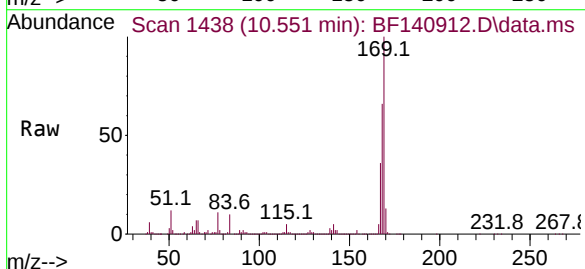
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

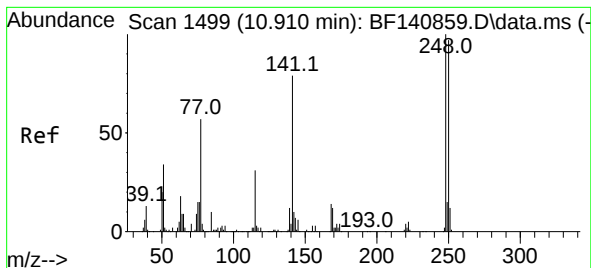
Tgt Ion:198 Resp: 78478
Ion Ratio Lower Upper
198 100
51 48.1 24.4 64.4
105 46.3 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 57.067 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:169 Resp: 429786
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 35.8 28.3 42.5

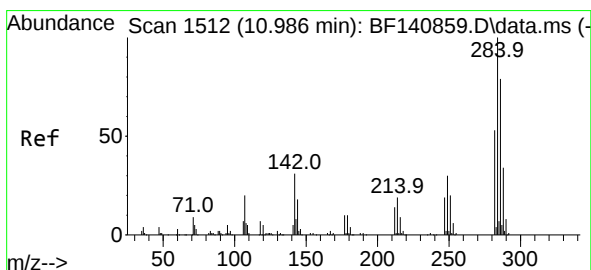
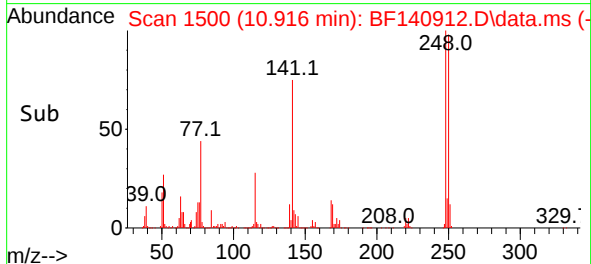
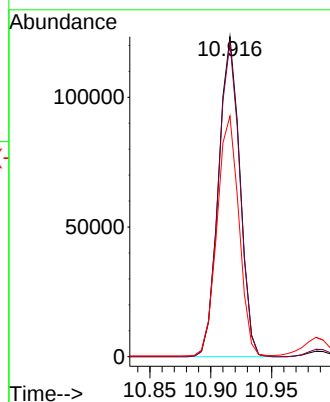
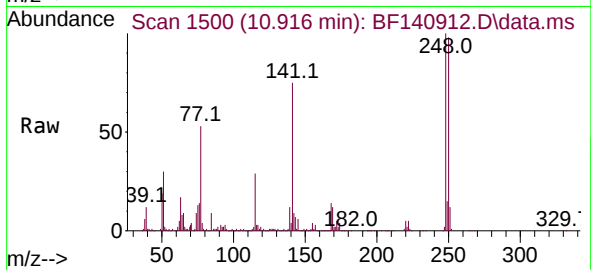




#67
4-Bromophenyl-phenylether
Concen: 54.989 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

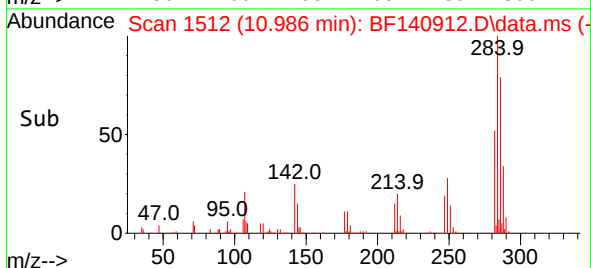
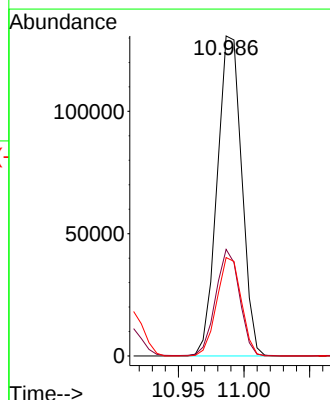
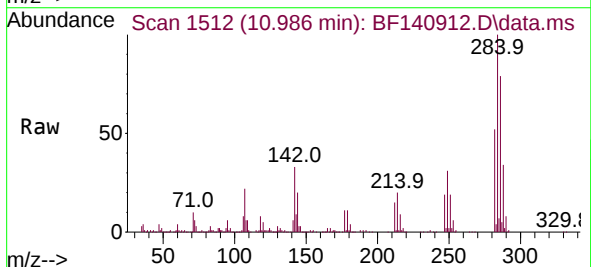
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

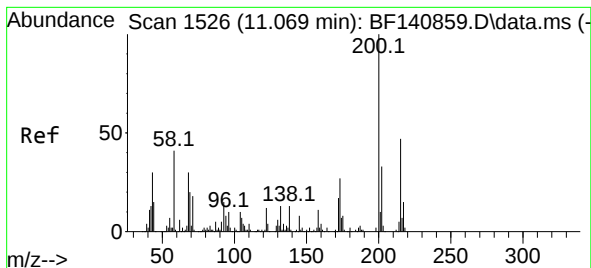
Tgt Ion:248 Resp: 150690
Ion Ratio Lower Upper
248 100
250 98.1 77.4 116.2
141 75.2 62.9 94.3



#68
Hexachlorobenzene
Concen: 54.711 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:284 Resp: 169988
Ion Ratio Lower Upper
284 100
142 33.3 24.6 36.8
249 30.8 24.3 36.5





#69

Atrazine

Concen: 61.933 ng

RT: 11.080 min Scan# 1528

Delta R.T. 0.012 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

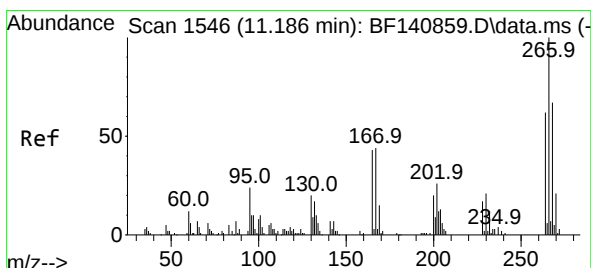
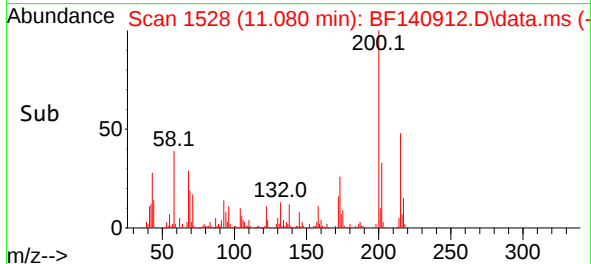
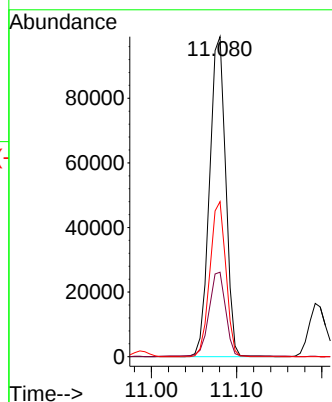
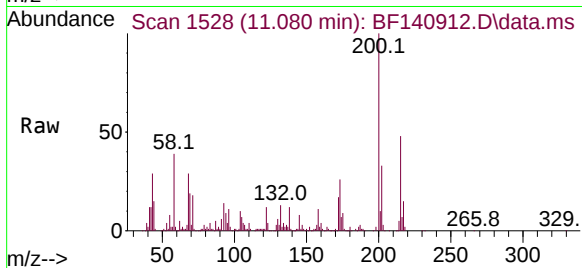
Tgt Ion:200 Resp: 130269

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

215 48.4 26.7 66.7



#70

Pentachlorophenol

Concen: 133.750 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

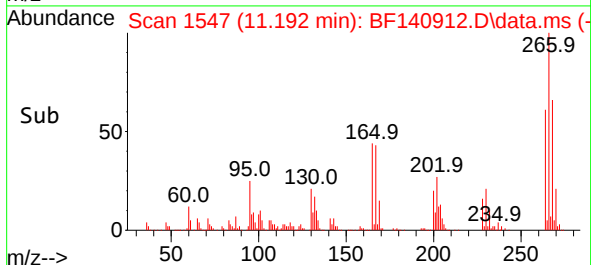
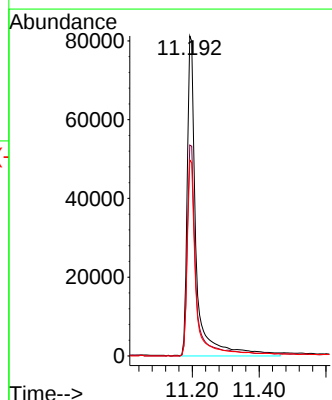
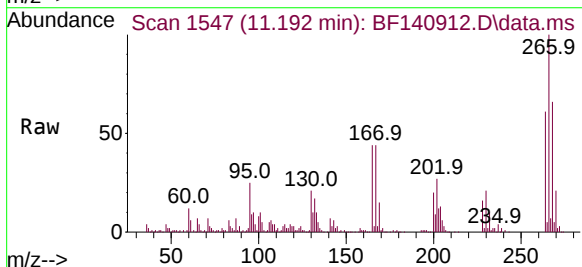
Tgt Ion:266 Resp: 151933

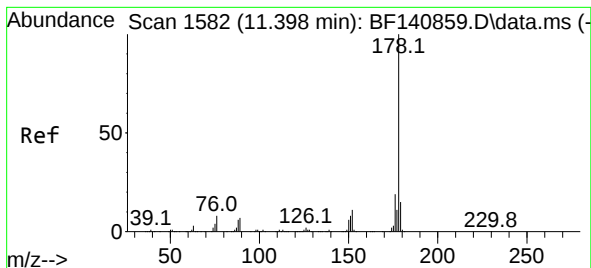
Ion Ratio Lower Upper

266 100

268 65.9 54.0 81.0

264 61.3 49.4 74.2





#71

Phenanthrene

Concen: 55.529 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

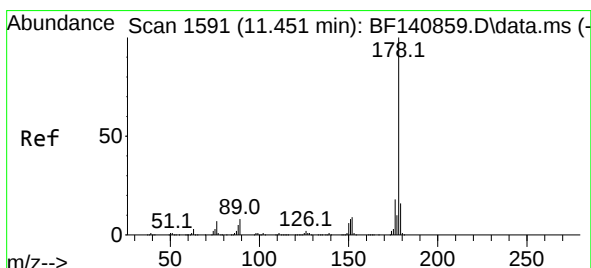
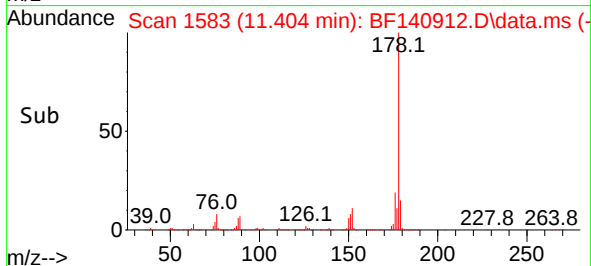
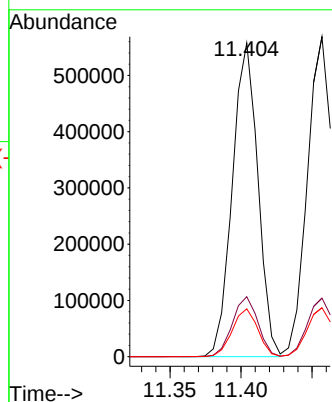
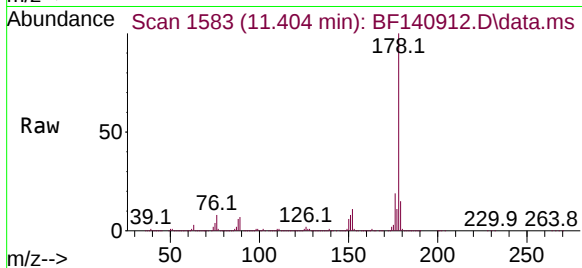
Tgt Ion:178 Resp: 699482

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.2 12.1 18.1



#72

Anthracene

Concen: 57.811 ng

RT: 11.457 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

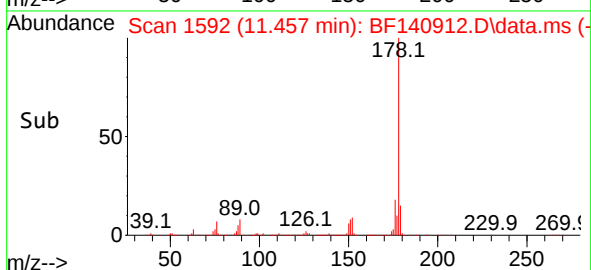
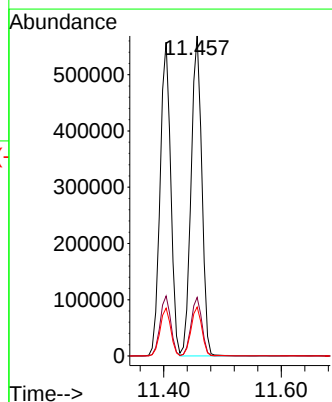
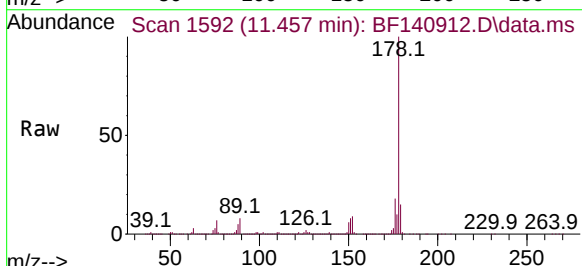
Tgt Ion:178 Resp: 717157

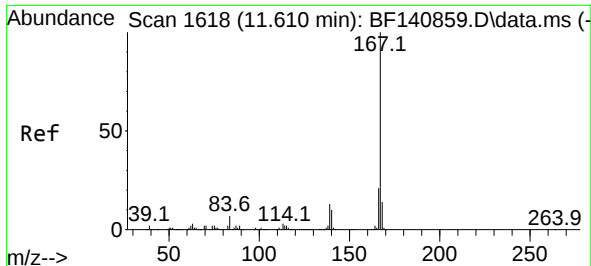
Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

179 15.3 12.6 18.8

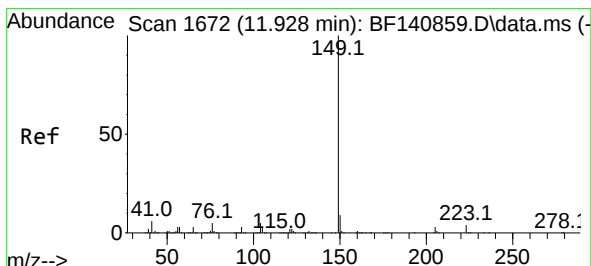
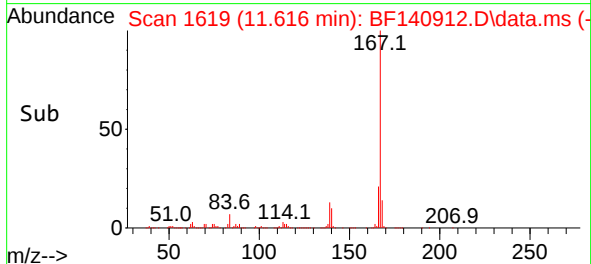
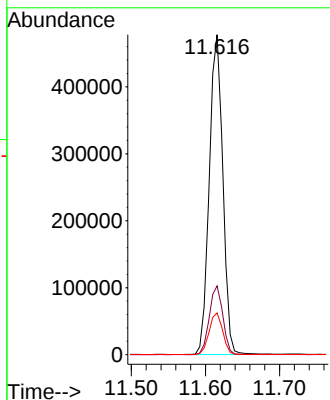
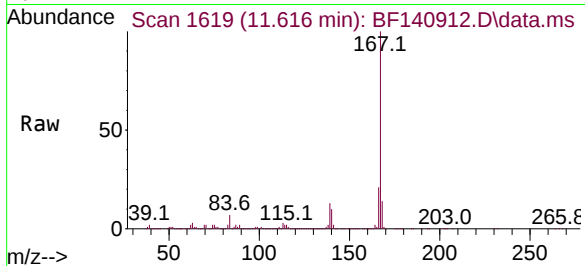




#73
Carbazole
Concen: 49.904 ng
RT: 11.616 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

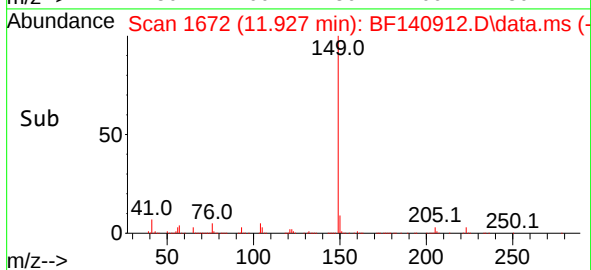
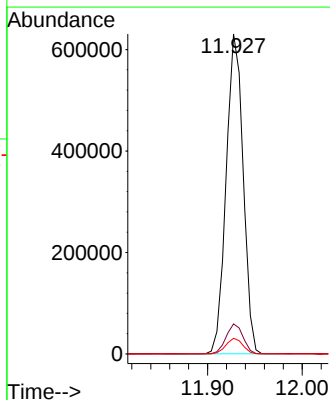
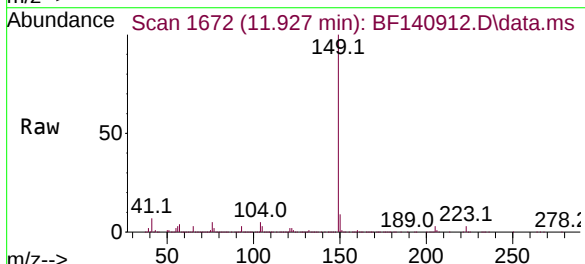
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

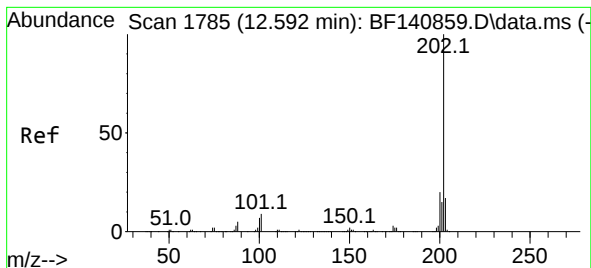
Tgt Ion:167 Resp: 606371
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 13.0 10.2 15.2



#74
Di-n-butylphthalate
Concen: 55.044 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:149 Resp: 784943
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.9 3.8 5.8





#75

Fluoranthene

Concen: 47.659 ng

RT: 12.592 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

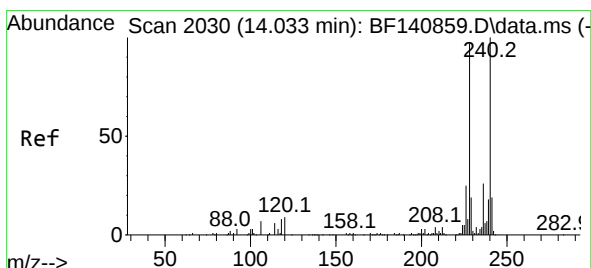
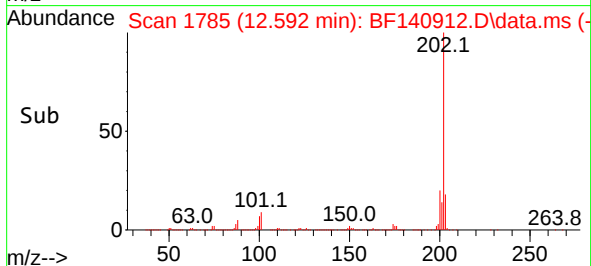
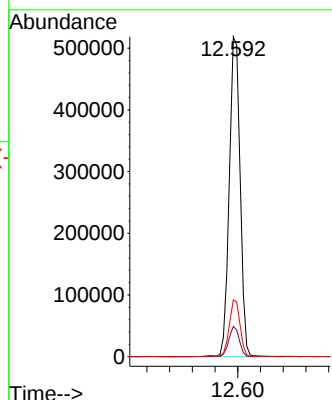
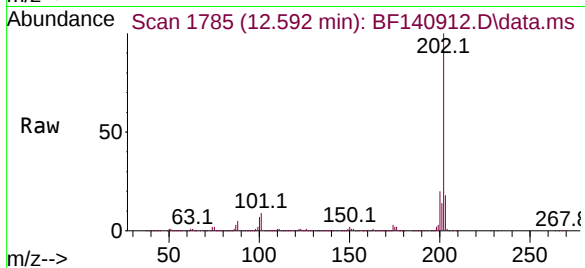
Tgt Ion:202 Resp: 691399

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.3

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

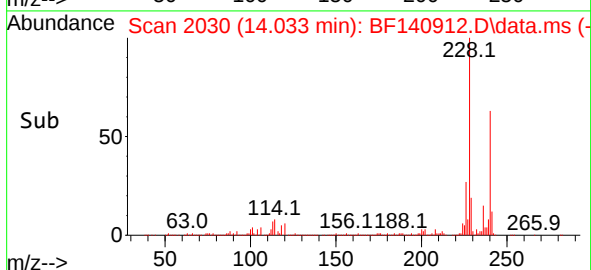
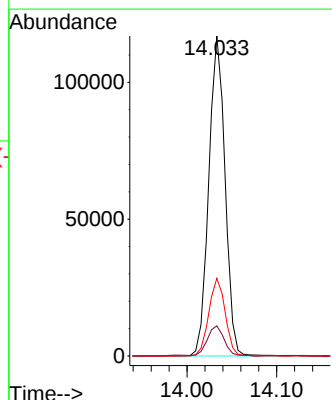
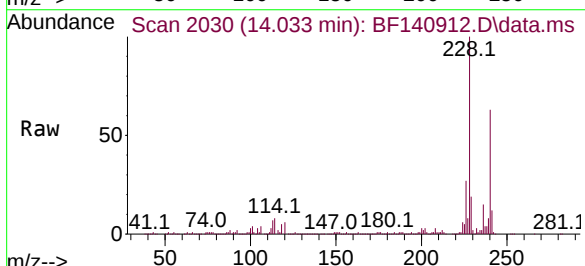
Tgt Ion:240 Resp: 147078

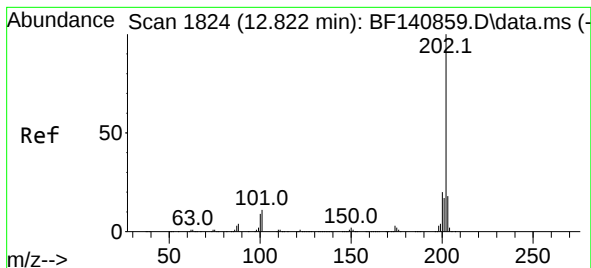
Ion Ratio Lower Upper

240 100

120 9.4 7.6 11.4

236 24.2 20.5 30.7





#78

Pyrene

Concen: 52.484 ng

RT: 12.827 min Scan# 1825

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

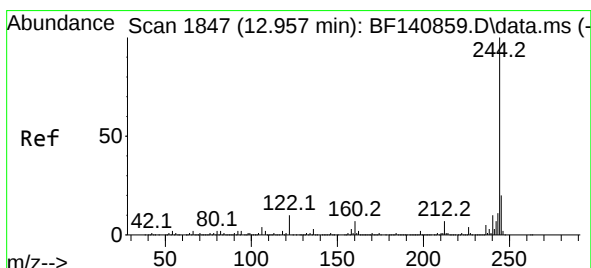
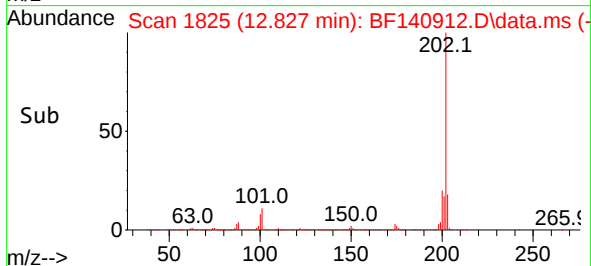
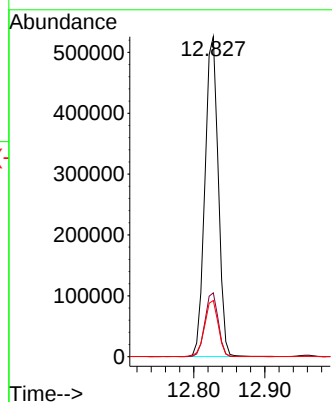
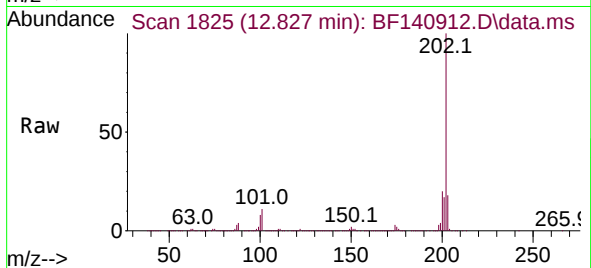
Tgt Ion:202 Resp: 686440

Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 17.5 14.2 21.4



#79

Terphenyl-d14

Concen: 100.923 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

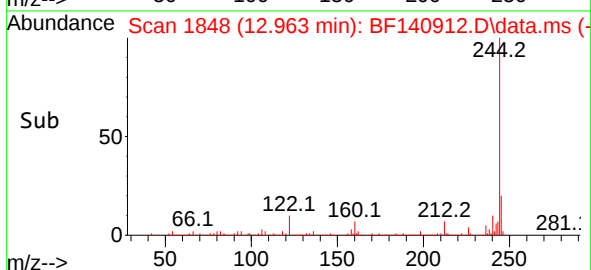
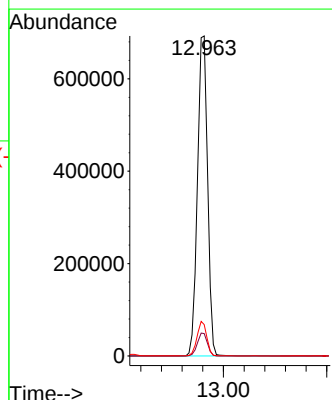
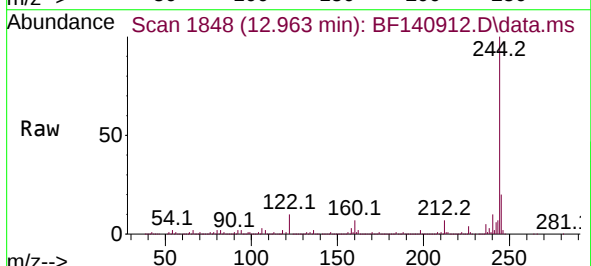
Tgt Ion:244 Resp: 941335

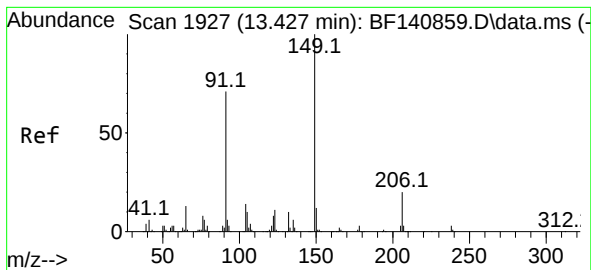
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.8 8.2 12.2





#80

Butylbenzylphthalate

Concen: 52.833 ng

RT: 13.433 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

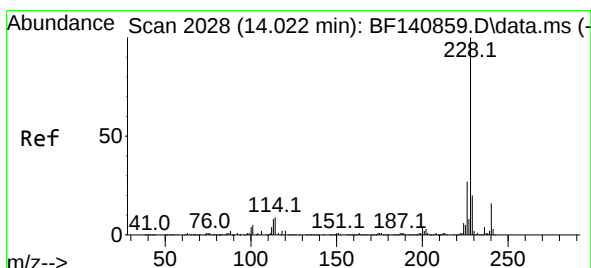
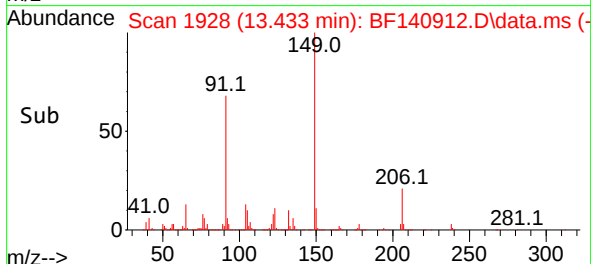
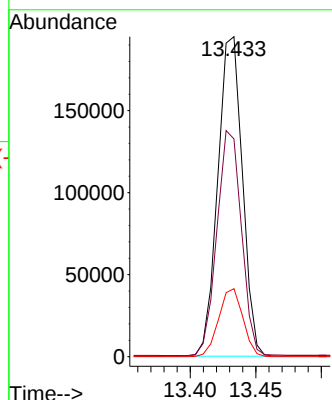
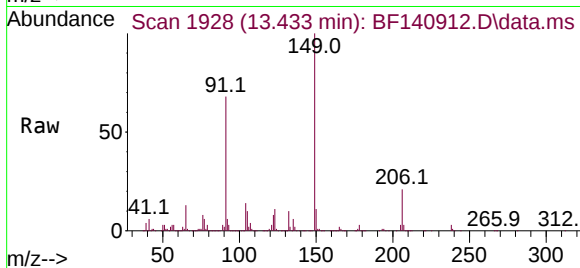
Tgt Ion:149 Resp: 254258

Ion Ratio Lower Upper

149 100

91 68.0 56.7 85.1

206 21.2 16.4 24.6



#81

Benzo(a)anthracene

Concen: 50.161 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

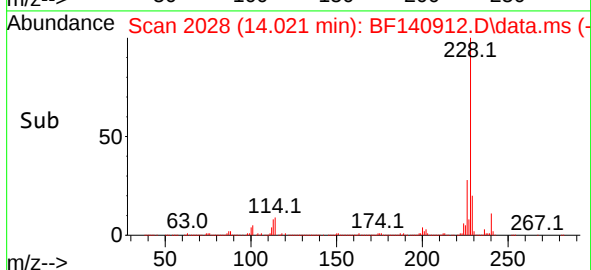
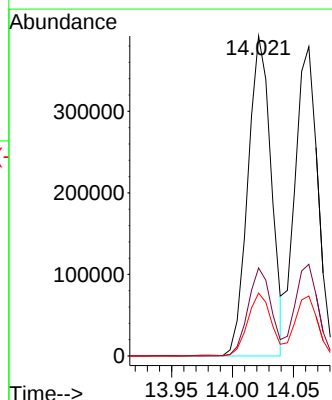
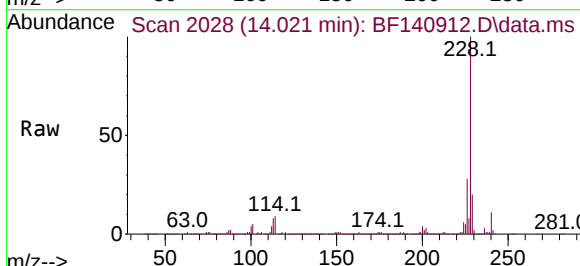
Tgt Ion:228 Resp: 522877

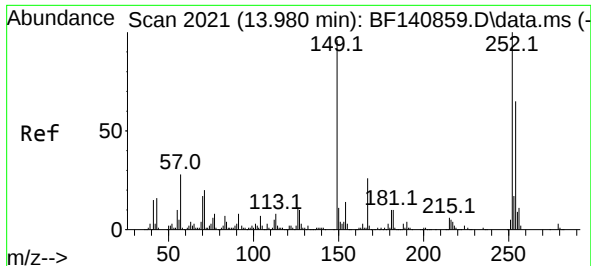
Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 19.7 15.8 23.8

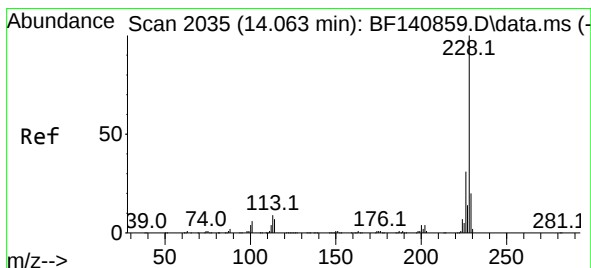
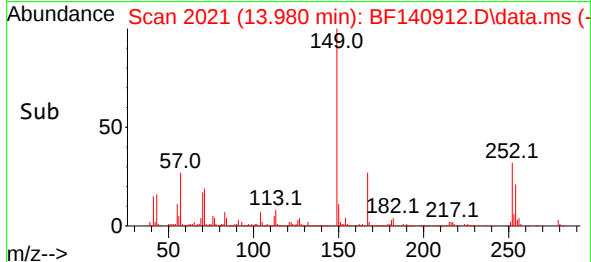
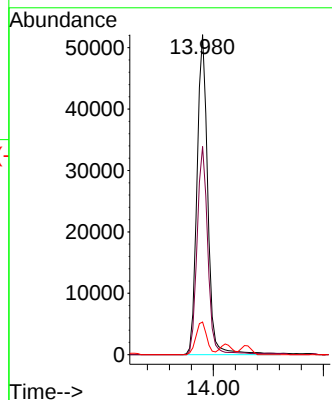
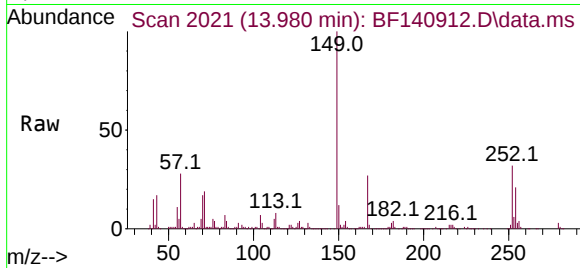




#82
3,3'-Dichlorobenzidine
Concen: 22.613 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

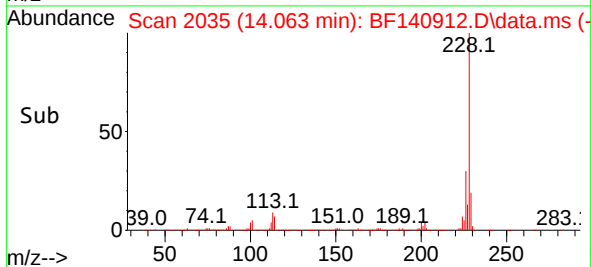
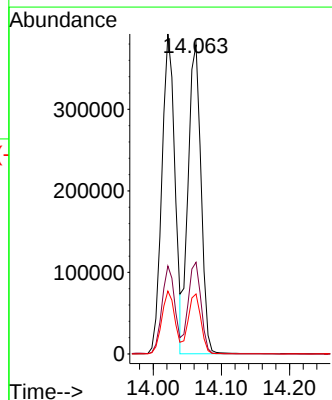
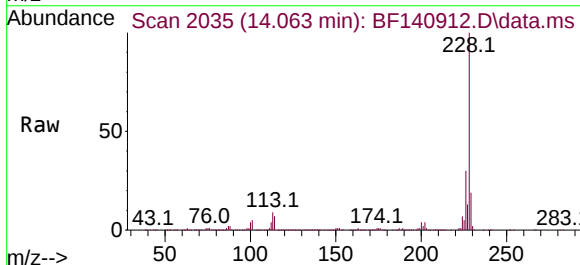
Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

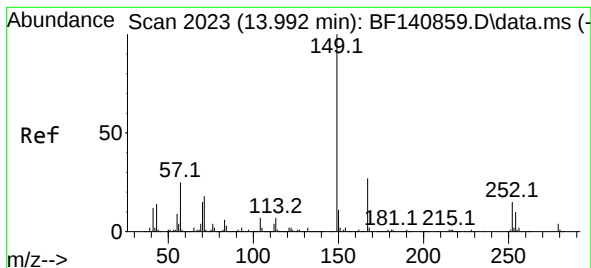
Tgt Ion:252 Resp: 71117
Ion Ratio Lower Upper
252 100
254 65.1 52.3 78.5
126 10.2 8.4 12.6



#83
Chrysene
Concen: 52.167 ng
RT: 14.063 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF140912.D
Acq: 18 Dec 2024 18:04

Tgt Ion:228 Resp: 494484
Ion Ratio Lower Upper
228 100
226 29.7 24.1 36.1
229 19.4 16.0 24.0

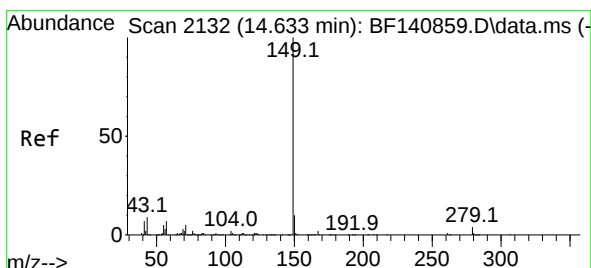
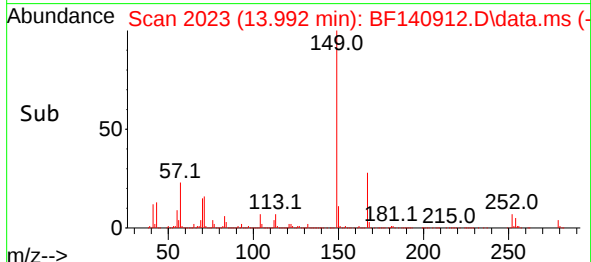
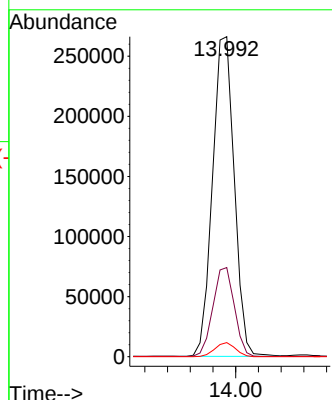
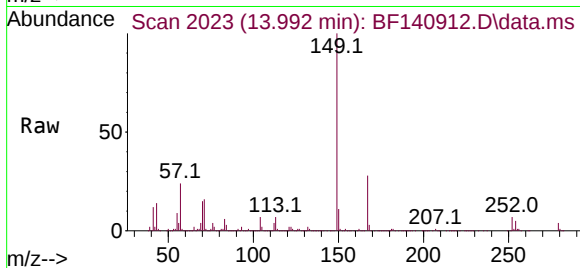




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.040 ng
 RT: 13.992 min Scan# 2023
 Delta R.T. -0.000 min
 Lab File: BF140912.D
 Acq: 18 Dec 2024 18:04

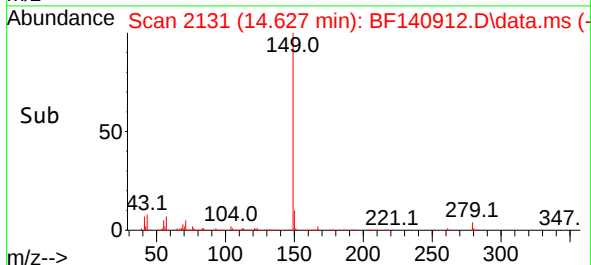
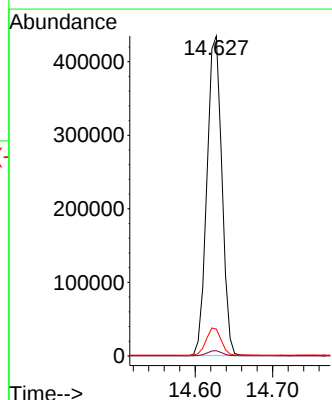
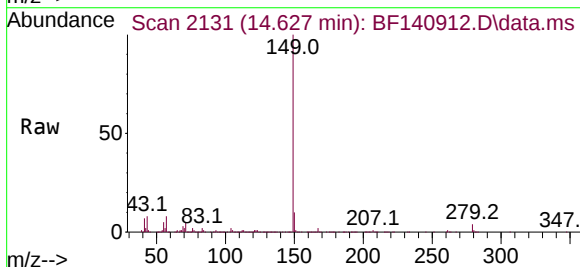
Instrument :
 BNA_F
 ClientSampleId :
 MW6-20241213MS

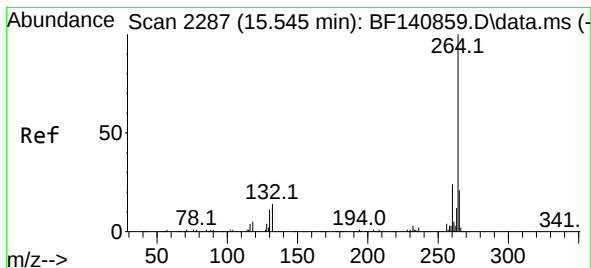
Tgt Ion:149 Resp: 353952
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.8 32.8
 279 4.4 3.5 5.3



#85
 Di-n-octyl phthalate
 Concen: 61.731 ng
 RT: 14.627 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BF140912.D
 Acq: 18 Dec 2024 18:04

Tgt Ion:149 Resp: 579524
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.6 7.0 10.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

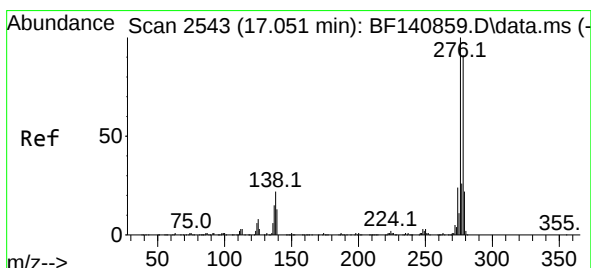
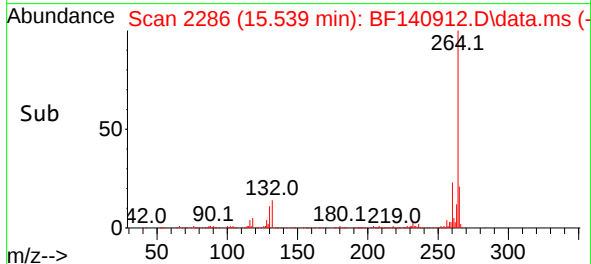
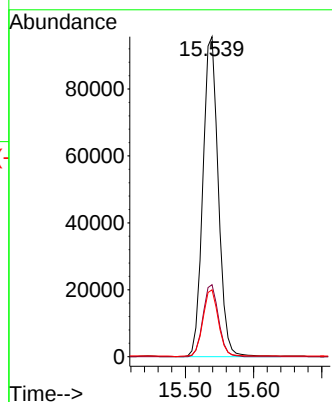
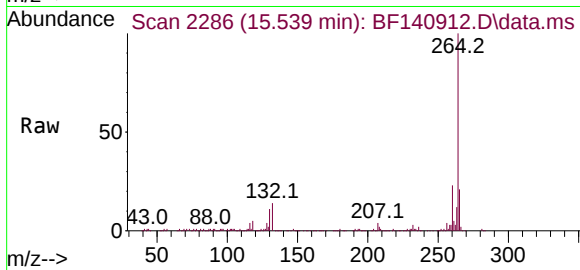
Tgt Ion:264 Resp: 150433

Ion Ratio Lower Upper

264 100

260 22.5 19.1 28.7

265 20.9 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 50.452 ng

RT: 17.057 min Scan# 2544

Delta R.T. 0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

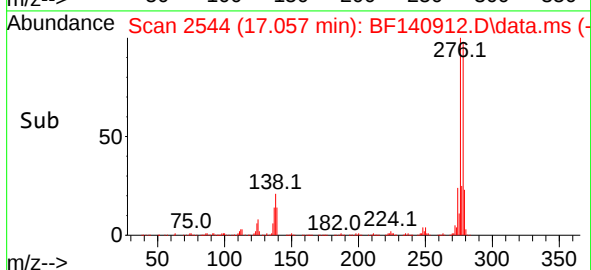
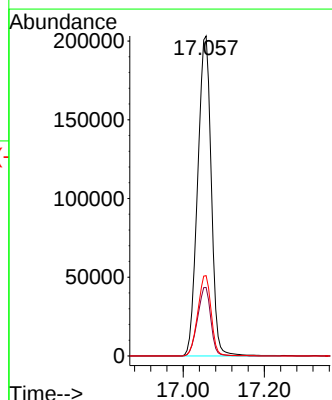
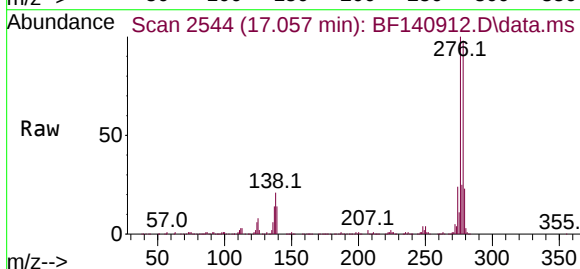
Tgt Ion:276 Resp: 473624

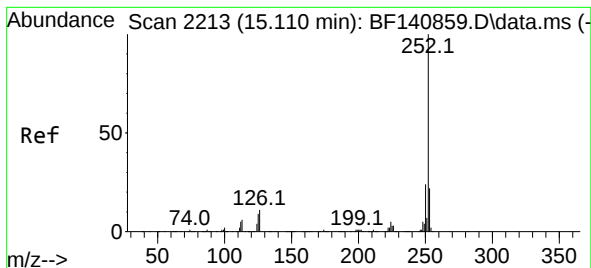
Ion Ratio Lower Upper

276 100

138 20.8 16.9 25.3

277 24.7 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 49.824 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

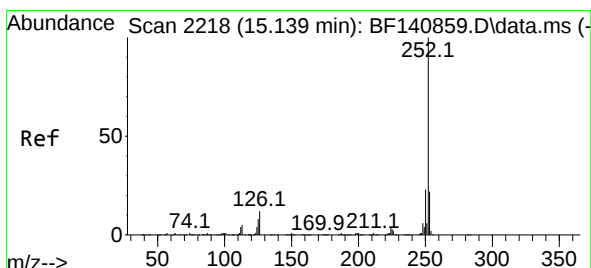
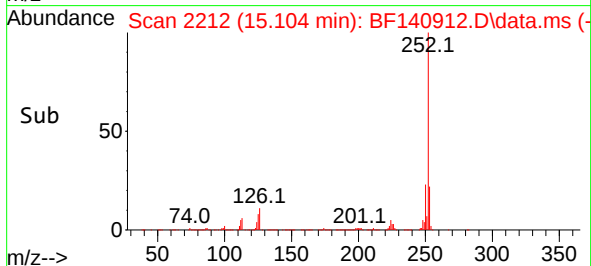
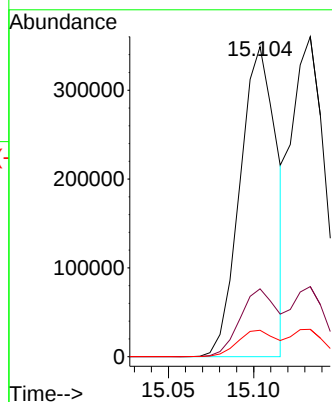
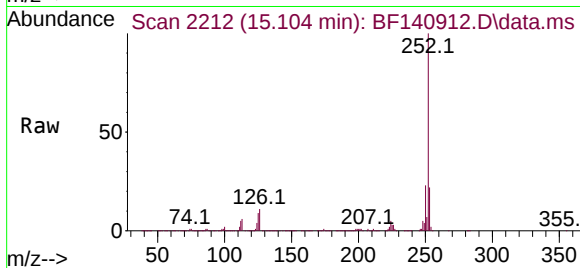
Tgt Ion:252 Resp: 520276

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.5 7.0 10.4



#89

Benzo(k)fluoranthene

Concen: 54.988 ng

RT: 15.133 min Scan# 2217

Delta R.T. -0.006 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

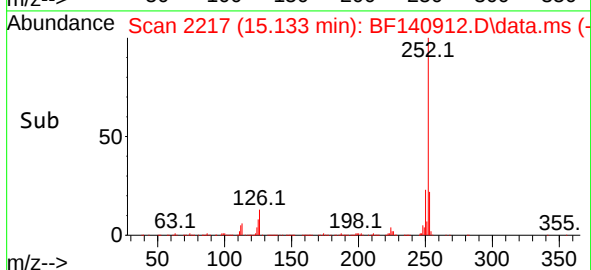
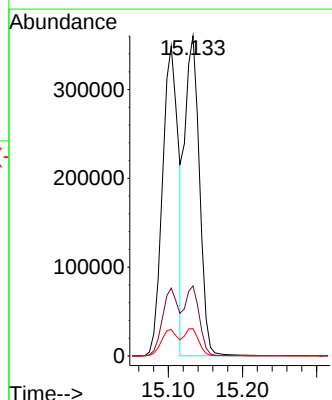
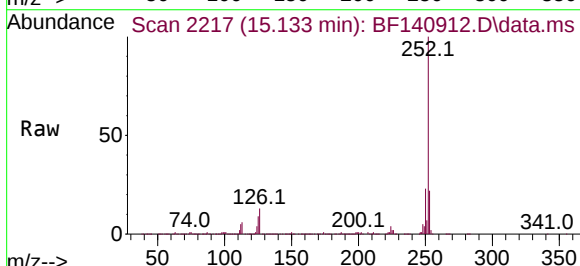
Tgt Ion:252 Resp: 492548

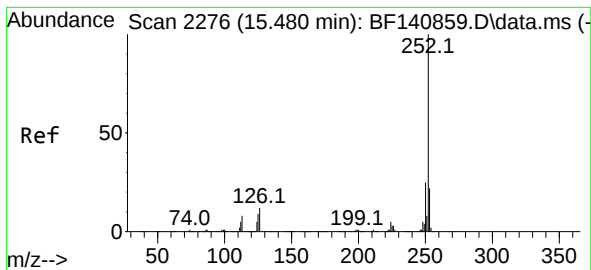
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.6 6.8 10.2





#90

Benzo(a)pyrene

Concen: 58.078 ng

RT: 15.480 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

Instrument :

BNA_F

ClientSampleId :

MW6-20241213MS

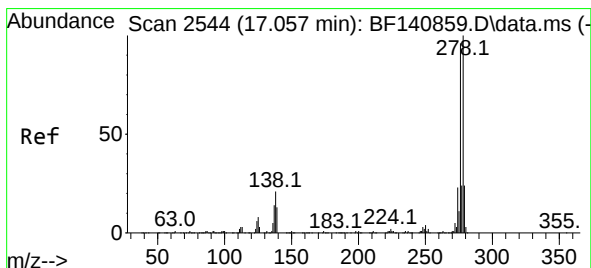
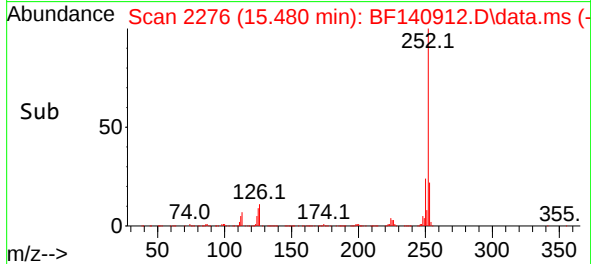
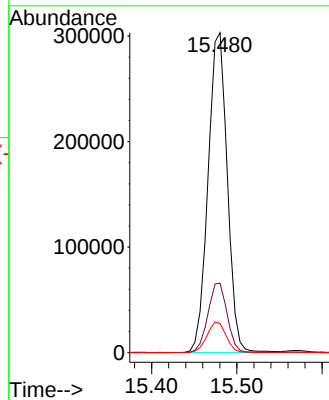
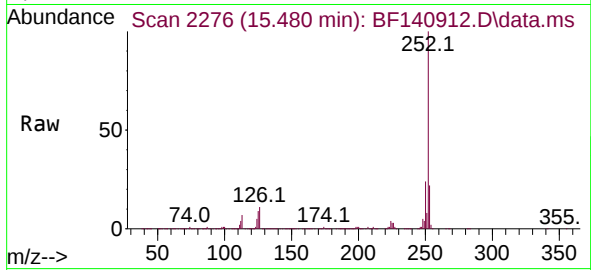
Tgt Ion:252 Resp: 474880

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.1 7.5 11.3



#91

Dibenzo(a,h)anthracene

Concen: 50.962 ng

RT: 17.057 min Scan# 2544

Delta R.T. -0.000 min

Lab File: BF140912.D

Acq: 18 Dec 2024 18:04

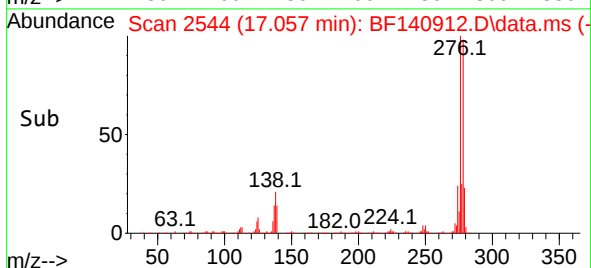
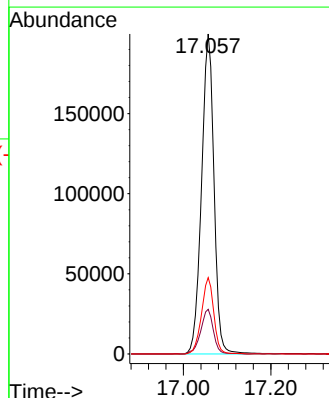
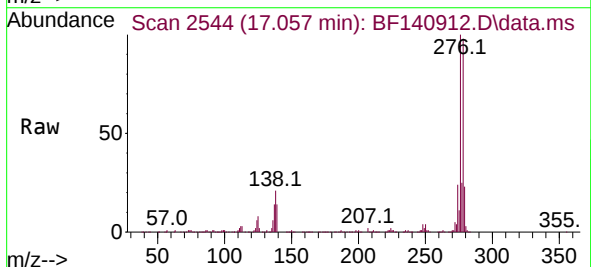
Tgt Ion:278 Resp: 396339

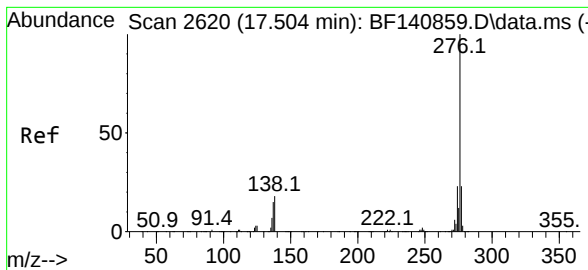
Ion Ratio Lower Upper

278 100

139 13.9 10.6 16.0

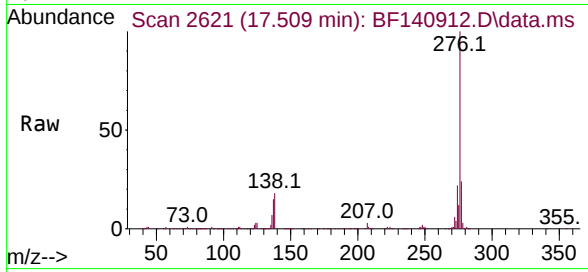
279 23.8 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 44.319 ng
 RT: 17.509 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF140912.D
 Acq: 18 Dec 2024 18:04

Instrument :
 BNA_F
 ClientSampleId :
 MW6-20241213MS



Tgt Ion:	276	Resp:	350797
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.7	28.1
138	18.1	14.2	21.2

