

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140106.D
 Acq On : 29 Oct 2024 12:30
 Operator : RC/JU
 Sample : P4561-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-18MSD

Quant Time: Oct 29 12:59:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	121800	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	465155	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	256664	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	439821	20.000	ng	0.00
76) Chrysene-d12	14.051	240	211408	20.000	ng	0.00
86) Perylene-d12	15.527	264	270997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	656615	84.394	ng	0.01
7) Phenol-d6	6.516	99	877396	87.071	ng	0.00
23) Nitrobenzene-d5	7.451	82	559285	66.639	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	247838	103.233	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1005847	64.768	ng	0.00
79) Terphenyl-d14	12.992	244	839676	64.720	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	134597	37.104	ng	98
3) Pyridine	3.504	79	353874	39.356	ng	99
4) n-Nitrosodimethylamine	3.463	42	191536	39.648	ng	# 98
6) Aniline	6.551	93	290433	30.926	ng	99
8) 2-Chlorophenol	6.675	128	362464	45.571	ng	98
9) Benzaldehyde	6.439	77	66947	11.810	ng	96
10) Phenol	6.528	94	484149	46.604	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	359328	44.750	ng	99
12) 1,3-Dichlorobenzene	6.834	146	391824	42.914	ng	99
13) 1,4-Dichlorobenzene	6.910	146	398892	43.729	ng	99
14) 1,2-Dichlorobenzene	7.057	146	382664	44.949	ng	99
15) Benzyl Alcohol	7.028	79	340430	46.056	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	602557	44.009	ng	98
17) 2-Methylphenol	7.139	107	305111	44.987	ng	98
18) Hexachloroethane	7.404	117	146986	45.187	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	268245	43.892	ng	98
20) 3+4-Methylphenols	7.286	107	371349	42.807	ng	# 90
22) Acetophenone	7.298	105	503721	44.213	ng	98
24) Nitrobenzene	7.469	77	412447	44.823	ng	100
25) Isophorone	7.710	82	733519	46.048	ng	99
26) 2-Nitrophenol	7.786	139	192422	55.431	ng	98
27) 2,4-Dimethylphenol	7.822	122	300404	51.898	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	436527	45.231	ng	99
29) 2,4-Dichlorophenol	8.028	162	305647	46.359	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	320744	43.966	ng	100
31) Naphthalene	8.192	128	1061785	44.260	ng	100
32) Benzoic acid	7.933	122	231719	45.898	ng	98
33) 4-Chloroaniline	8.239	127	93330	11.409	ng	98
34) Hexachlorobutadiene	8.310	225	206714	45.097	ng	99
35) Caprolactam	8.610	113	73615	35.115	ng	93
36) 4-Chloro-3-methylphenol	8.716	107	338753	46.402	ng	100
37) 2-Methylnaphthalene	8.886	142	676008	46.011	ng	100
38) 1-Methylnaphthalene	8.980	142	625170	43.370	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	319152	46.091	ng	99
41) Hexachlorocyclopentadiene	9.039	237	386142	160.268	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	232567	47.439	ng	99

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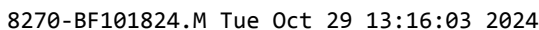
Instrument :
 BNA_F
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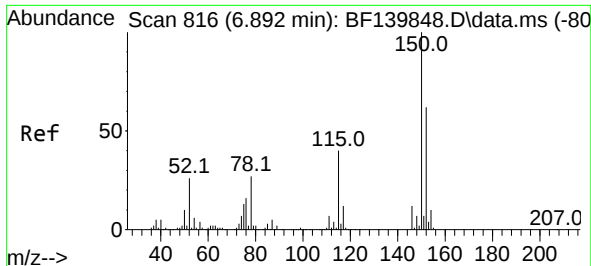
Quant Time: Oct 29 12:59:43 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	235734	46.607	ng	98
46) 1,1'-Biphenyl	9.345	154	815178	45.623	ng	99
47) 2-Chloronaphthalene	9.375	162	649391	45.126	ng	99
48) 2-Nitroaniline	9.469	65	224758	51.066	ng	95
49) Acenaphthylene	9.792	152	1010496	48.570	ng	99
50) Dimethylphthalate	9.645	163	763825	47.778	ng	100
51) 2,6-Dinitrotoluene	9.710	165	167332	48.341	ng	98
52) Acenaphthene	9.963	154	711175	52.842	ng	100
53) 3-Nitroaniline	9.874	138	91124	25.527	ng	97
54) 2,4-Dinitrophenol	9.986	184	196382	131.934	ng	# 1
55) Dibenzofuran	10.133	168	885829	45.875	ng	100
56) 4-Nitrophenol	10.033	139	269111	97.989	ng	97
57) 2,4-Dinitrotoluene	10.116	165	226623	53.238	ng	98
58) Fluorene	10.474	166	674927	45.890	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	191597	48.321	ng	98
60) Diethylphthalate	10.345	149	735614	46.863	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	346171	46.608	ng	99
62) 4-Nitroaniline	10.492	138	156655	46.466	ng	98
63) Azobenzene	10.627	77	871386	52.363	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	127360	70.992	ng	92
66) n-Nitrosodiphenylamine	10.586	169	620045	47.103	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	217392	47.979	ng	98
68) Hexachlorobenzene	11.021	284	237439	46.595	ng	99
69) Atrazine	11.110	200	196449	55.092	ng	100
70) Pentachlorophenol	11.216	266	281948	91.166	ng	99
71) Phenanthrene	11.439	178	943324	45.406	ng	100
72) Anthracene	11.492	178	974760	48.088	ng	100
73) Carbazole	11.645	167	808719	42.899	ng	99
74) Di-n-butylphthalate	11.974	149	1041388	47.814	ng	99
75) Fluoranthene	12.627	202	838403	39.920	ng	100
77) Benzidine	12.745	184	181236	52.135	ng	99
78) Pyrene	12.857	202	811499	43.852	ng	100
80) Butylbenzylphthalate	13.468	149	308600	55.625	ng	100
81) Benzo(a)anthracene	14.039	228	635224	46.158	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	126129	31.434	ng	99
83) Chrysene	14.080	228	619134	49.067	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	381465	61.285	ng	100
85) Di-n-octyl phthalate	14.639	149	647308	57.175	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	726495	41.671	ng	99
88) Benzo(b)fluoranthene	15.098	252	721940	43.733	ng	99
89) Benzo(k)fluoranthene	15.127	252	658679	46.266	ng	100
90) Benzo(a)pyrene	15.468	252	684055	50.360	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	606275	41.686	ng	99
92) Benzo(g,h,i)perylene	17.480	276	507958	34.966	ng	98

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

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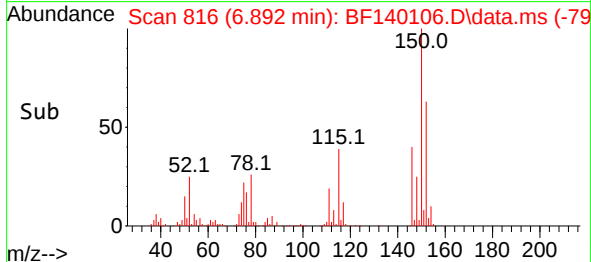
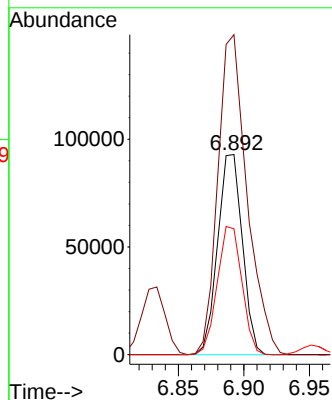
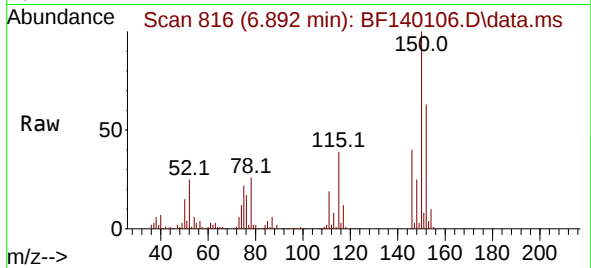




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

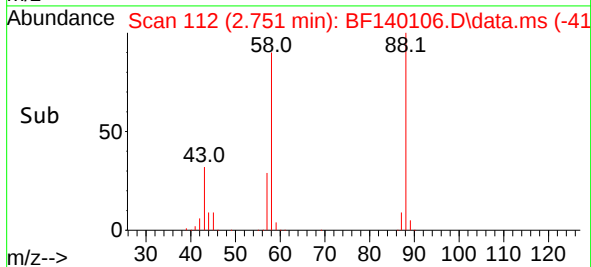
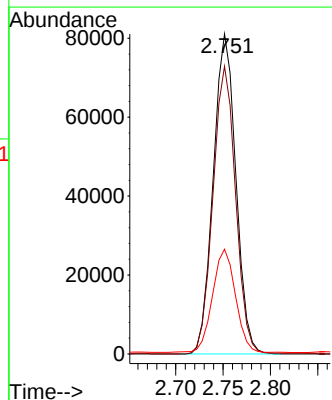
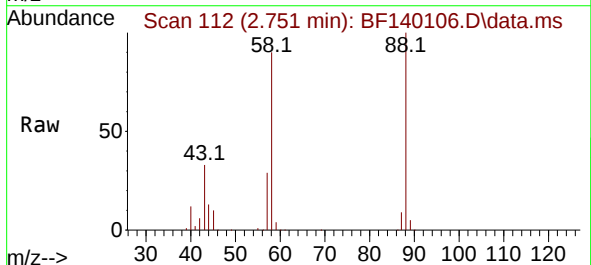
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

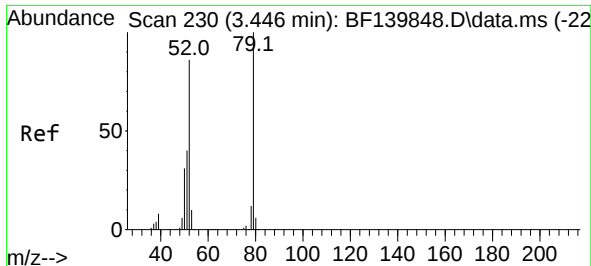
Tgt Ion:152 Resp: 121800
Ion Ratio Lower Upper
152 100
150 159.9 130.2 195.2
115 62.9 51.4 77.2



#2
1,4-Dioxane
Concen: 37.104 ng
RT: 2.751 min Scan# 112
Delta R.T. 0.065 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion: 88 Resp: 134597
Ion Ratio Lower Upper
88 100
58 90.0 73.3 109.9
43 32.7 27.1 40.7





#3

Pyridine

Concen: 39.356 ng

RT: 3.504 min Scan# 24

Delta R.T. 0.059 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

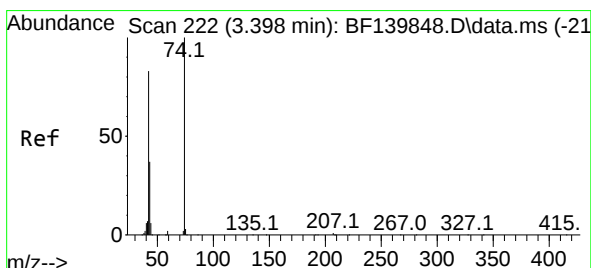
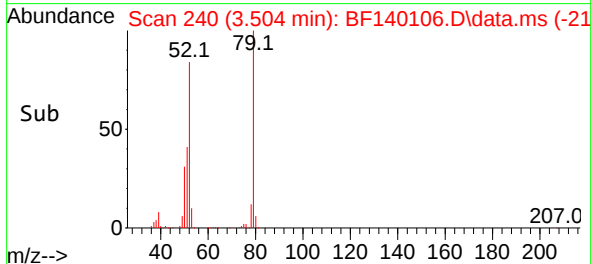
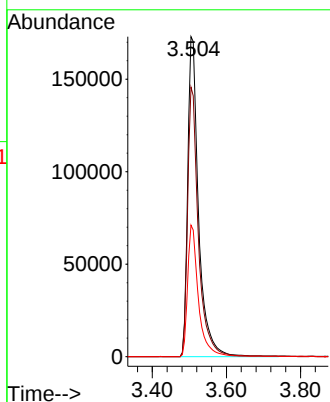
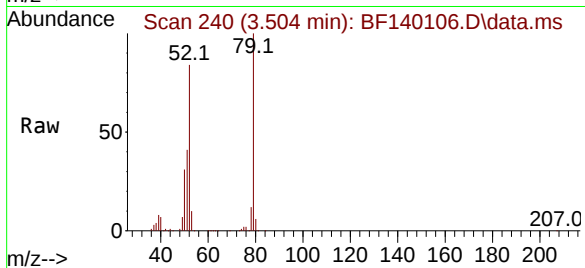
Tgt Ion: 79 Resp: 353874

Ion Ratio Lower Upper

79 100

52 84.2 68.5 102.7

51 41.1 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 39.648 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.065 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

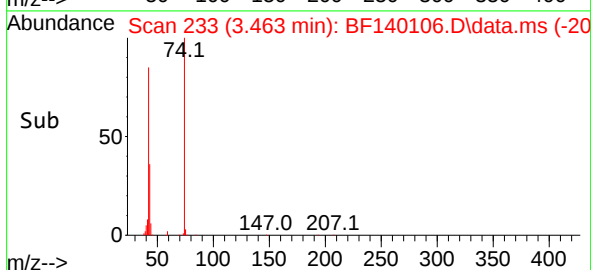
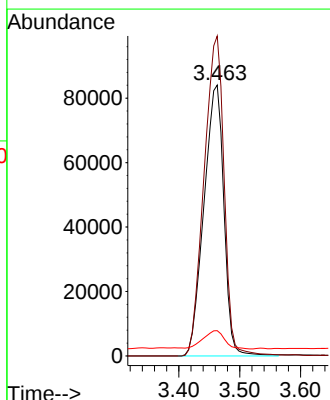
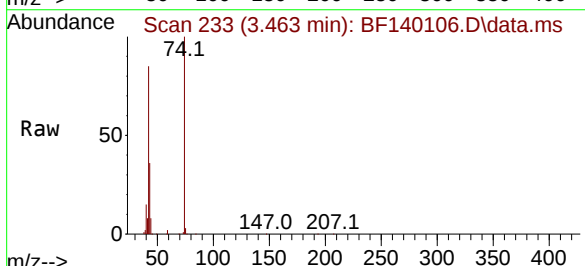
Tgt Ion: 42 Resp: 191536

Ion Ratio Lower Upper

42 100

74 118.2 96.2 144.4

44 9.4 6.2 9.2#

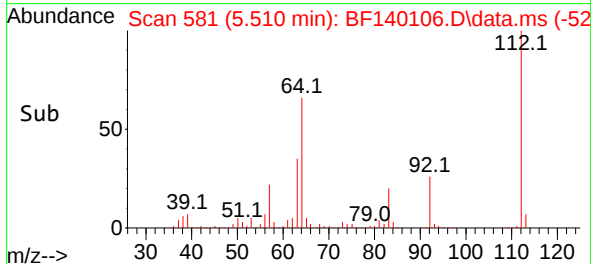
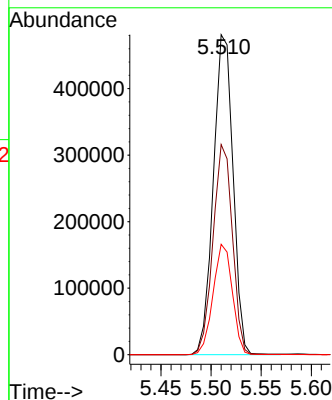
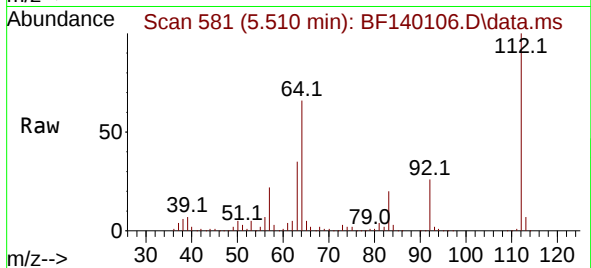




#5
2-Fluorophenol
Concen: 84.394 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

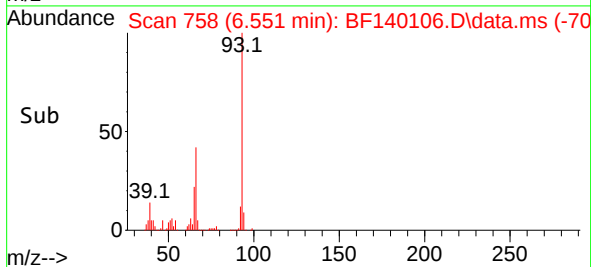
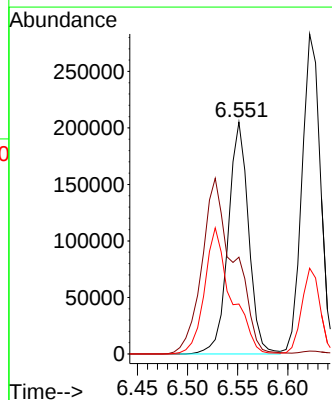
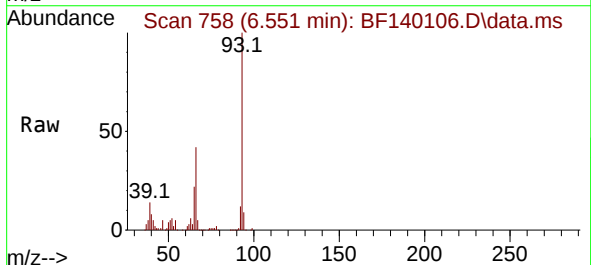
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

Tgt Ion:112 Resp: 656615
Ion Ratio Lower Upper
112 100
64 65.6 53.0 79.6
63 34.5 27.0 40.4



#6
Aniline
Concen: 30.926 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion: 93 Resp: 290433
Ion Ratio Lower Upper
93 100
66 41.8 34.0 51.0
65 21.6 17.4 26.0





#7

Phenol-d6

Concen: 87.071 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

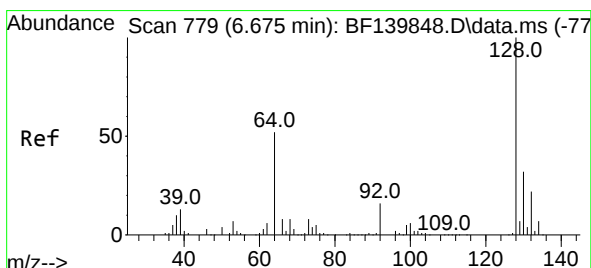
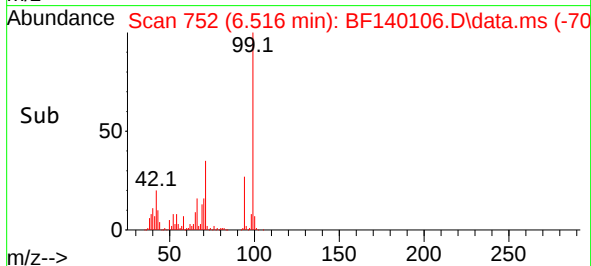
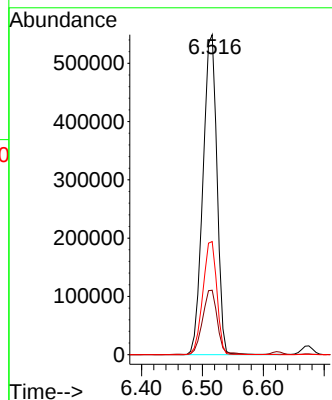
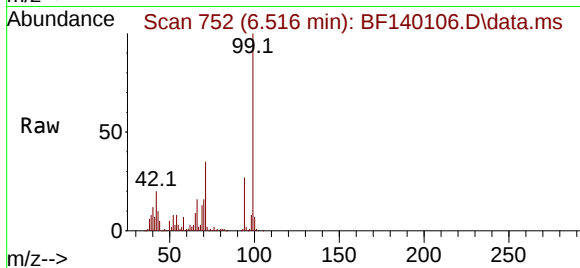
Tgt Ion: 99 Resp: 877396

Ion Ratio Lower Upper

99 100

42 20.2 16.7 25.1

71 35.4 27.7 41.5



#8

2-Chlorophenol

Concen: 45.571 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

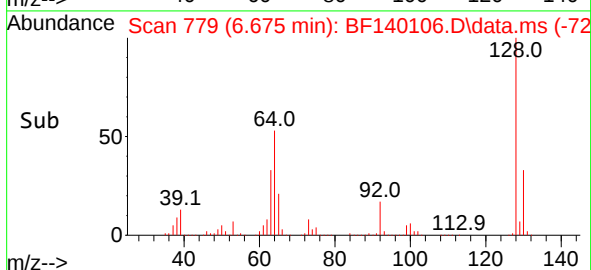
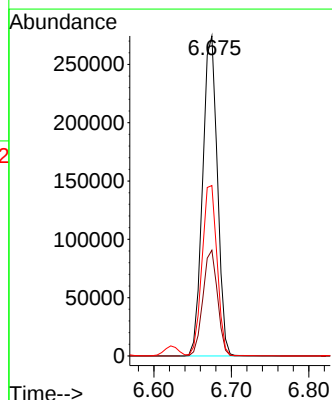
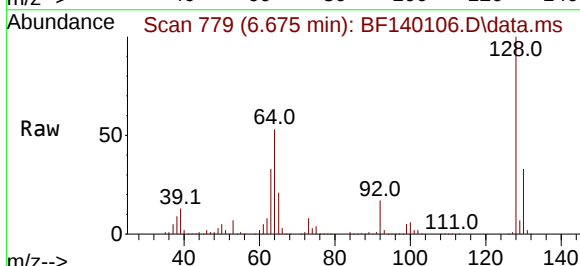
Tgt Ion: 128 Resp: 362464

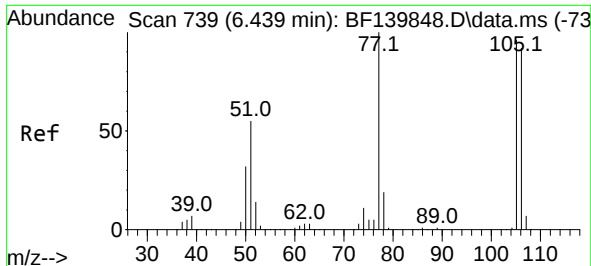
Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

64 53.3 34.6 74.6

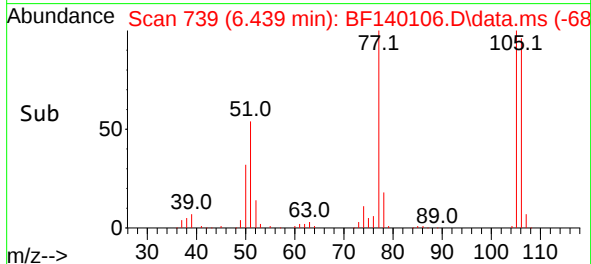
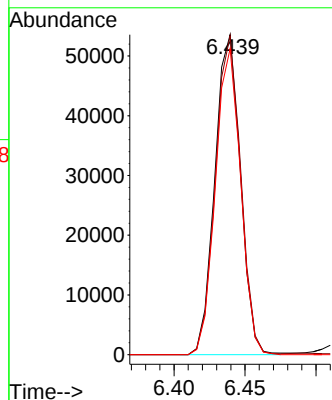
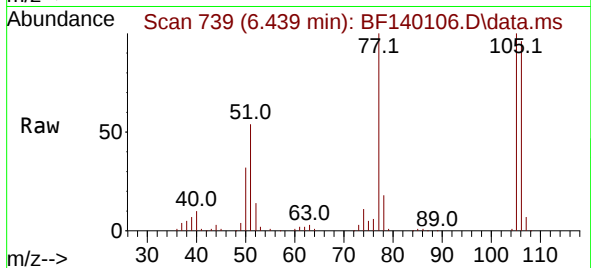




#9
Benzaldehyde
Concen: 11.810 ng
RT: 6.439 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

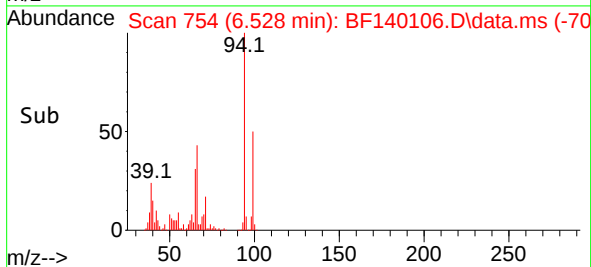
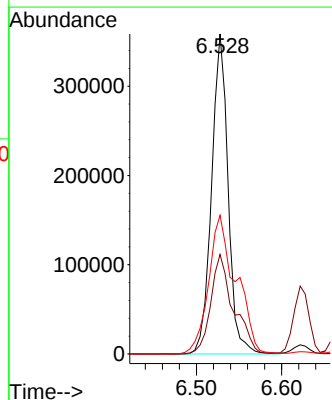
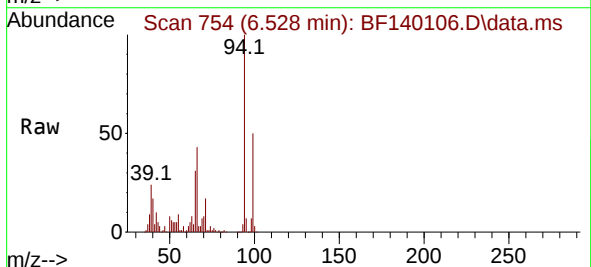
Instrument :
BNA_F
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BP-F-18MSD

Tgt Ion: 77 Resp: 66947
Ion Ratio Lower Upper
77 100
105 99.6 75.5 115.5
106 95.7 71.7 111.7



#10
Phenol
Concen: 46.604 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion: 94 Resp: 484149
Ion Ratio Lower Upper
94 100
65 31.1 11.1 51.1
66 43.3 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 44.750 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

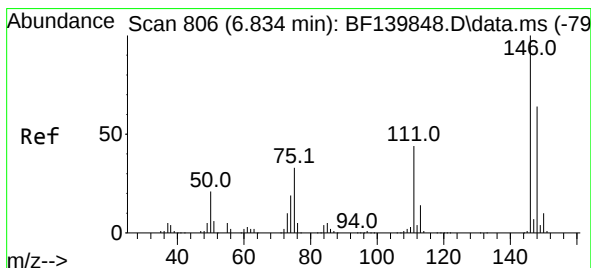
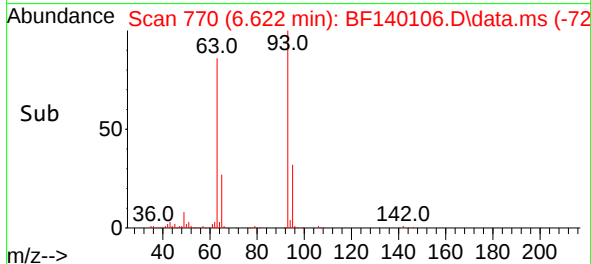
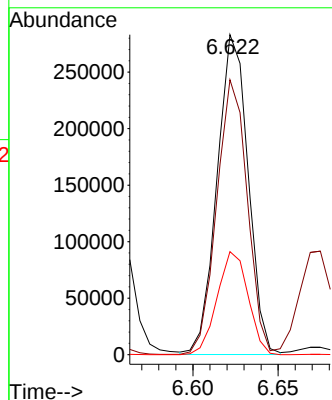
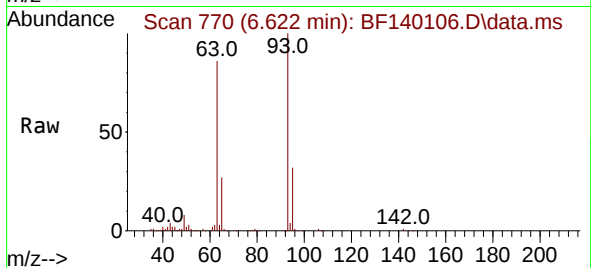
Tgt Ion: 93 Resp: 359328

Ion Ratio Lower Upper

93 100

63 85.9 65.0 105.0

95 32.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 42.914 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

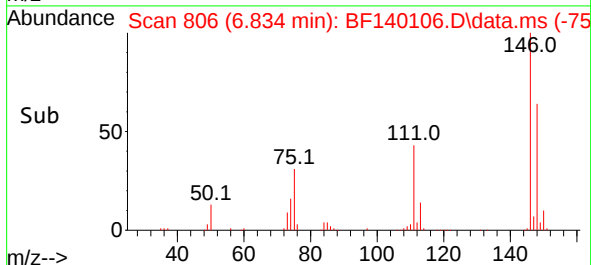
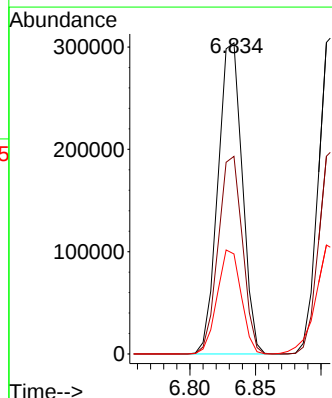
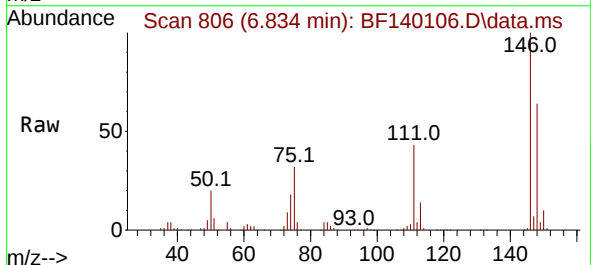
Tgt Ion:146 Resp: 391824

Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

75 32.1 26.4 39.6

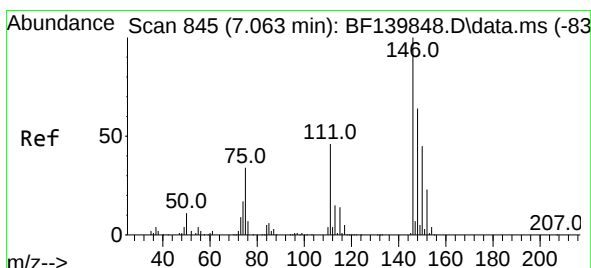
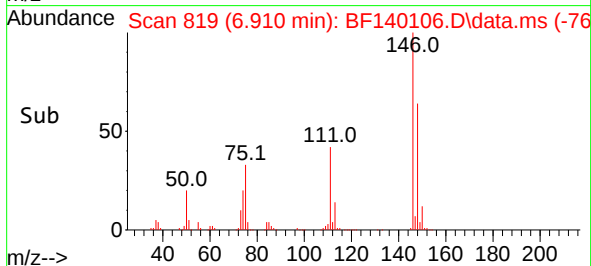
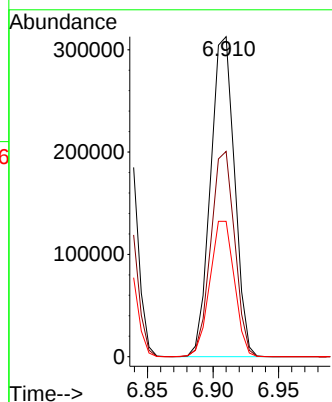
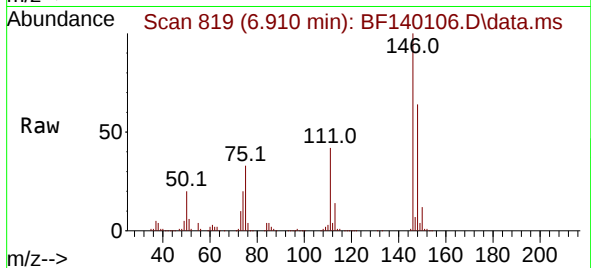




#13
1,4-Dichlorobenzene
Concen: 43.729 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

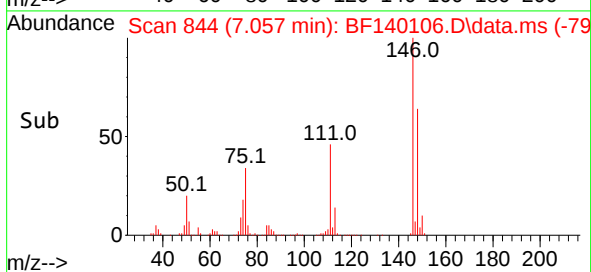
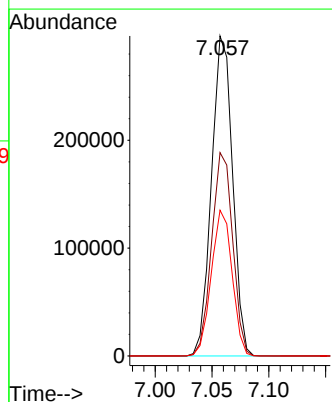
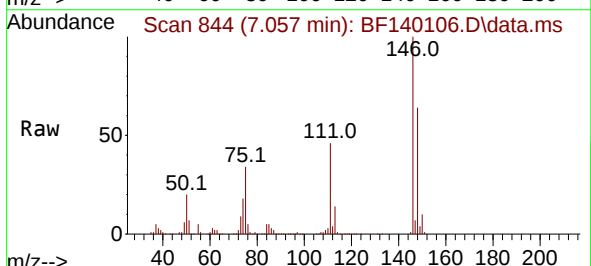
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

Tgt Ion:146 Resp: 398892
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 42.3 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 44.949 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:146 Resp: 382664
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 45.5 36.7 55.1

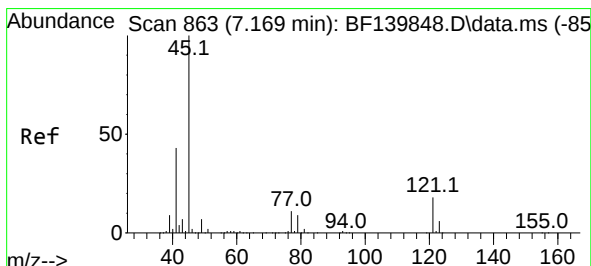
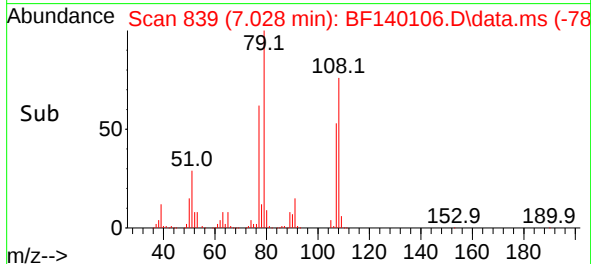
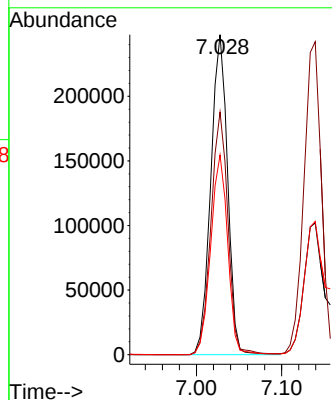
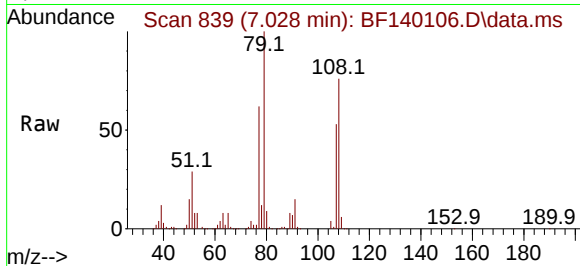




#15
Benzyl Alcohol
Concen: 46.056 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

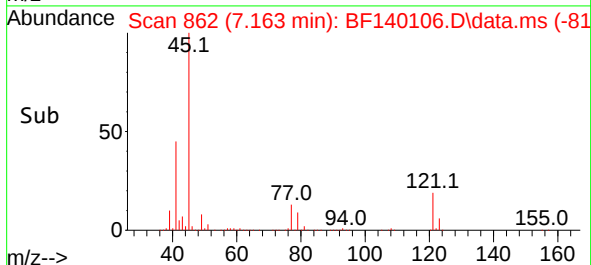
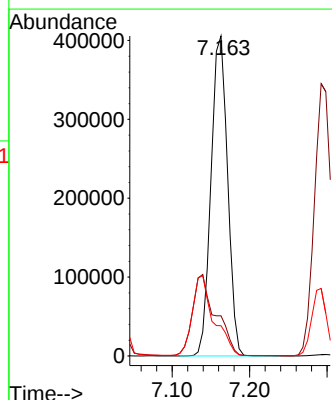
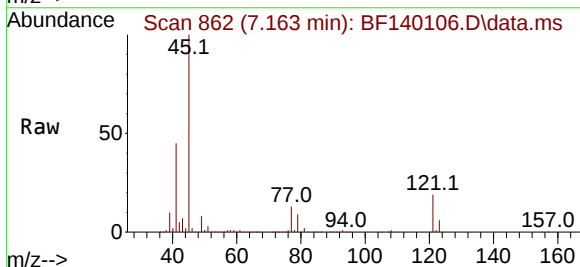
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

Tgt Ion: 79 Resp: 340430
Ion Ratio Lower Upper
79 100
108 75.8 61.4 92.0
77 62.4 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.009 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion: 45 Resp: 602557
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.5
79 9.4 0.0 29.1



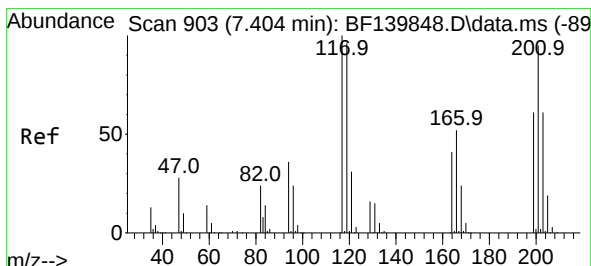
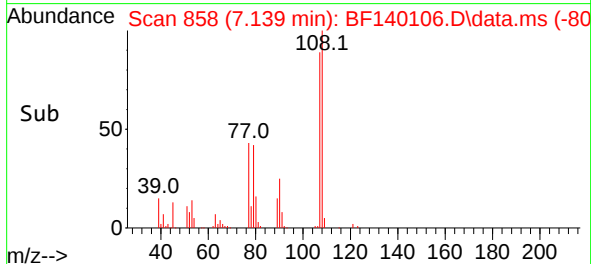
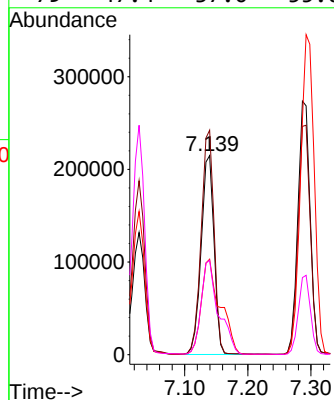
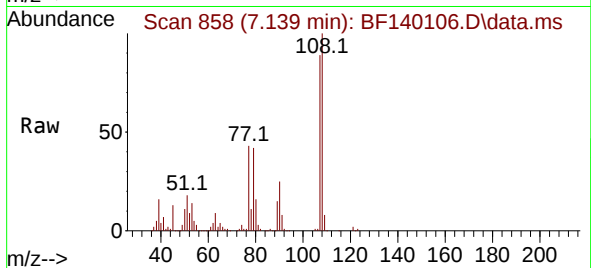


#17
2-Methylphenol
Concen: 44.987 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

Tgt Ion:107 Resp: 305111

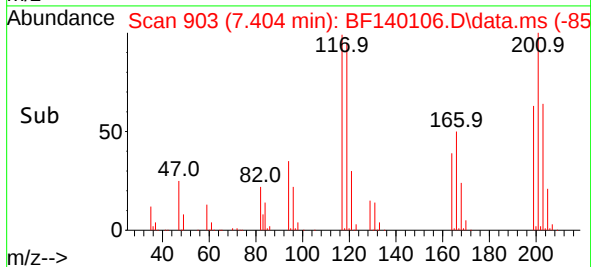
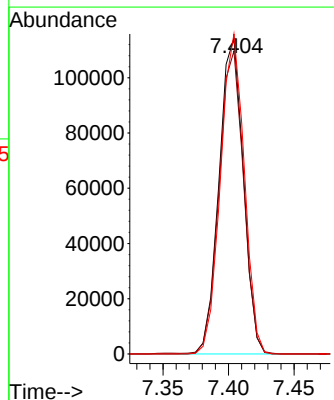
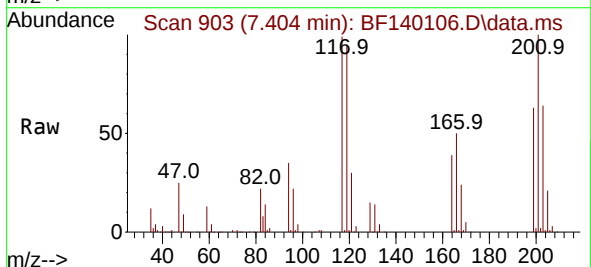
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.3	136.9
77	48.0	37.1	55.7
79	47.4	37.0	55.6

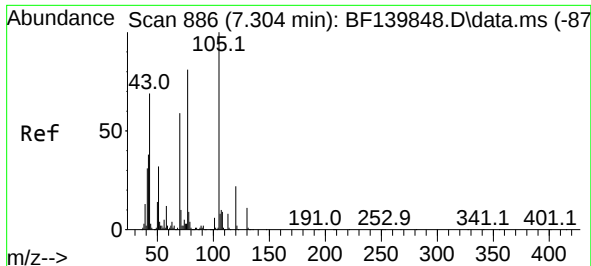


#18
Hexachloroethane
Concen: 45.187 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:117 Resp: 146986

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.0	115.4
201	101.3	76.2	114.4



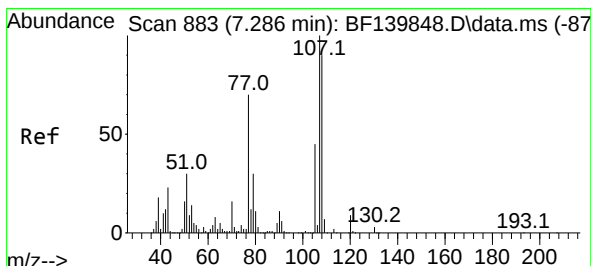
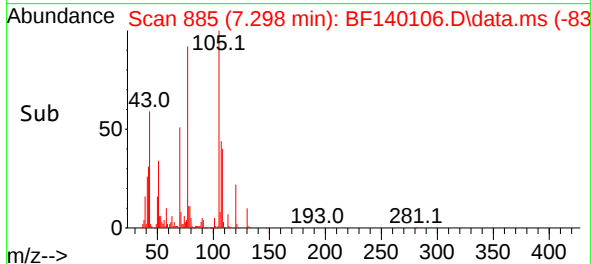
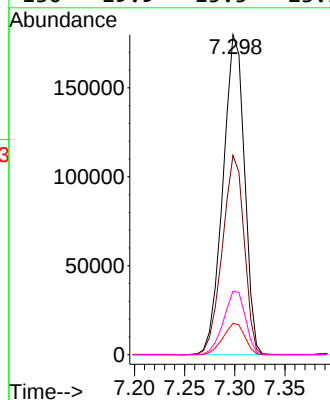
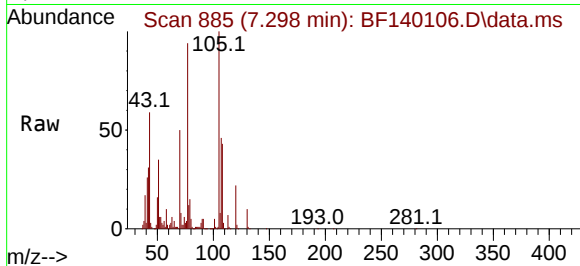


#19
n-Nitroso-di-n-propylamine
Concen: 43.892 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

Tgt Ion: 70 Resp: 268245

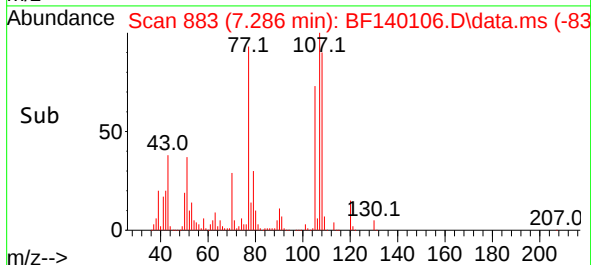
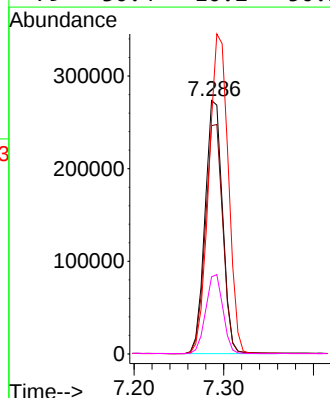
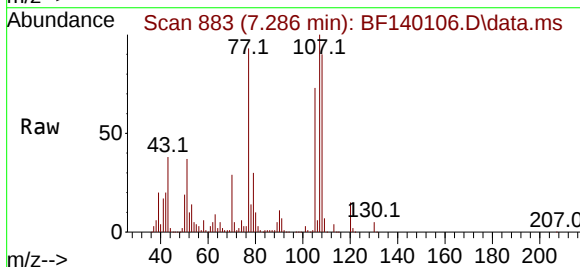
Ion	Ratio	Lower	Upper
70	100		
42	62.3	51.5	77.3
101	9.8	7.5	11.3
130	19.9	15.5	23.3

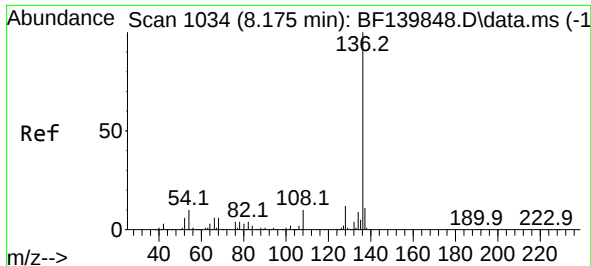


#20
3+4-Methylphenols
Concen: 42.807 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion: 107 Resp: 371349

Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.8	109.8
77	92.7	50.5	90.5#
79	30.4	10.2	50.2



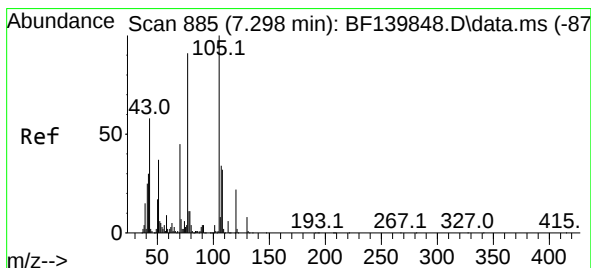
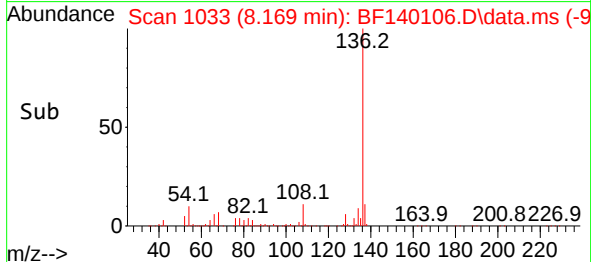
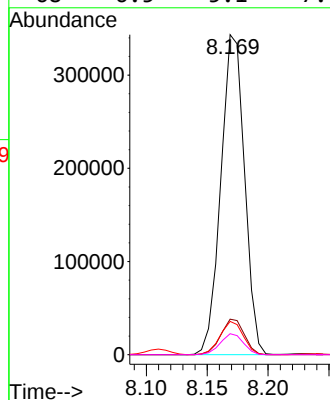
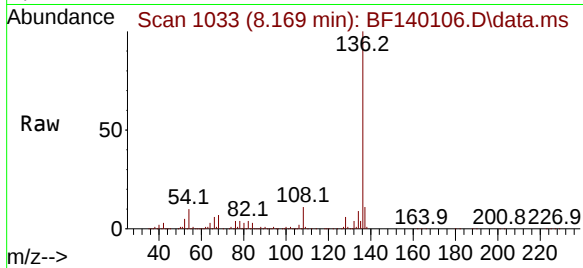


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

Tgt Ion:136 Resp: 465155

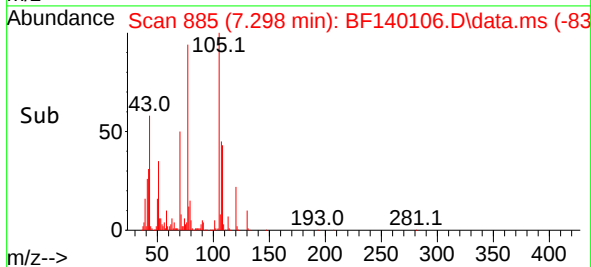
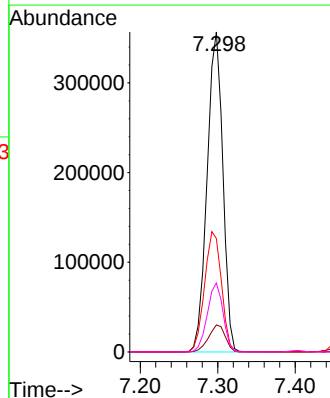
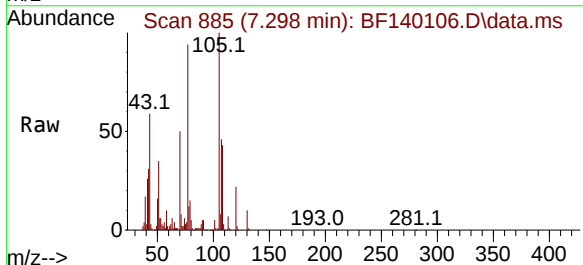
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.4	8.4	12.6
68	6.5	5.1	7.7



#22
Acetophenone
Concen: 44.213 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:105 Resp: 503721

Ion	Ratio	Lower	Upper
105	100		
71	8.5	5.9	8.9
51	35.5	29.4	44.2
120	21.6	17.5	26.3





#23

Nitrobenzene-d5

Concen: 66.639 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

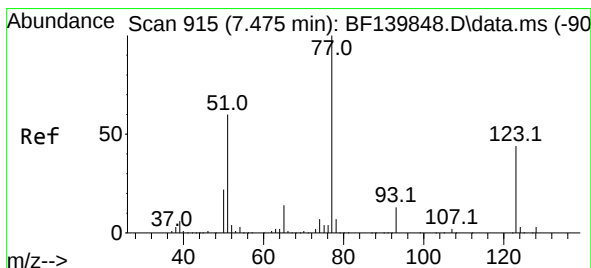
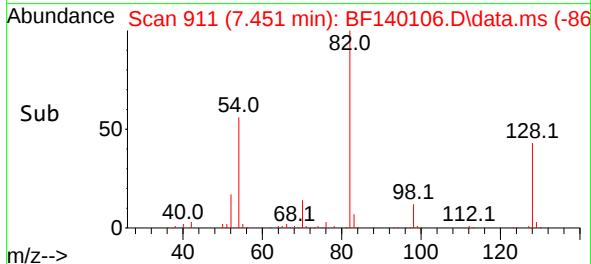
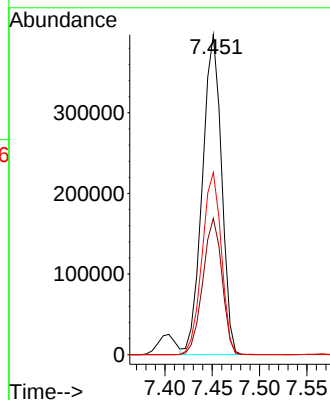
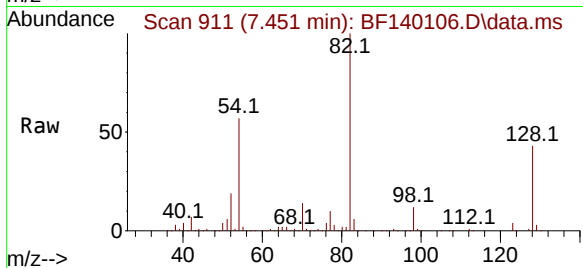
Tgt Ion: 82 Resp: 559285

Ion Ratio Lower Upper

82 100

128 42.6 33.4 50.0

54 57.0 47.8 71.8



#24

Nitrobenzene

Concen: 44.823 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

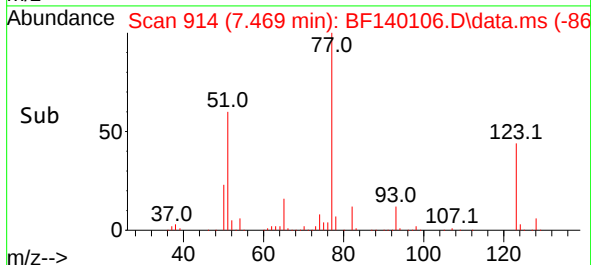
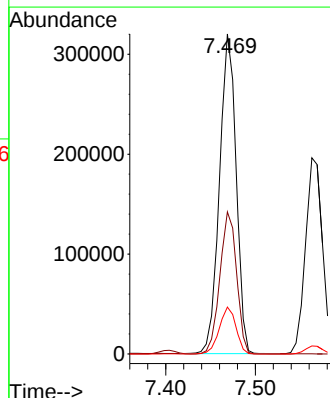
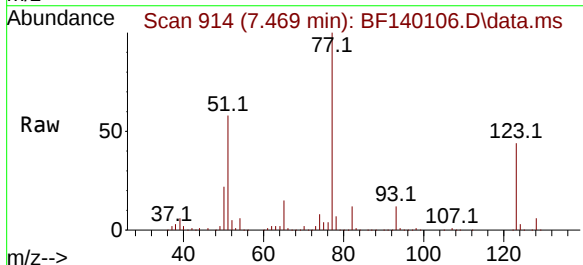
Tgt Ion: 77 Resp: 412447

Ion Ratio Lower Upper

77 100

123 44.4 35.7 53.5

65 14.7 11.5 17.3

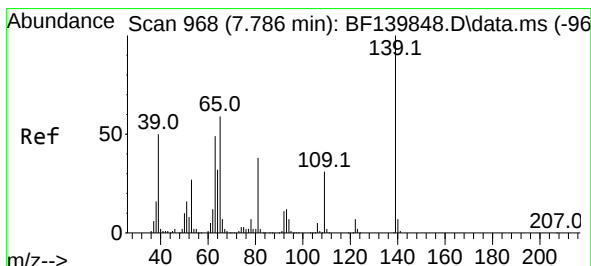
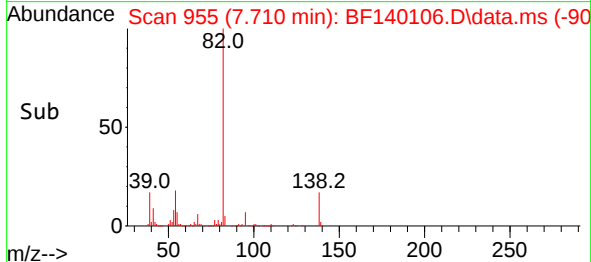
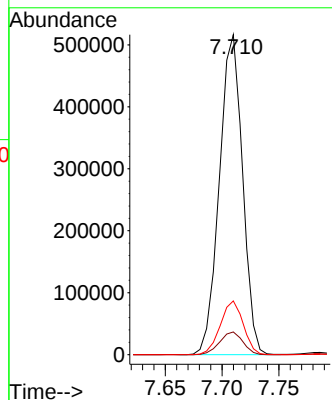
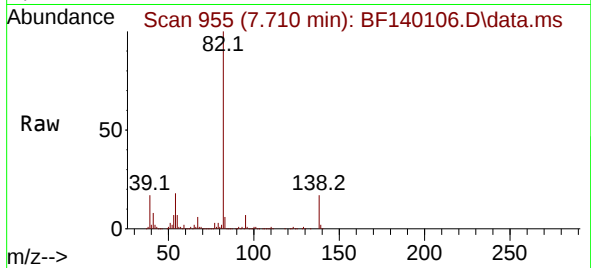




#25
Isophorone
Concen: 46.048 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

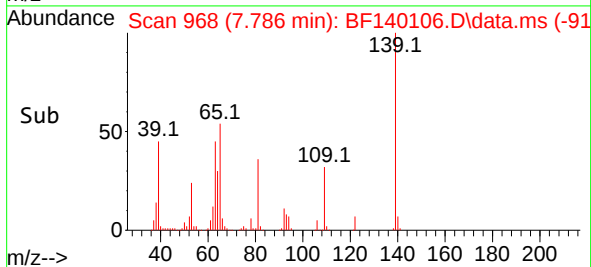
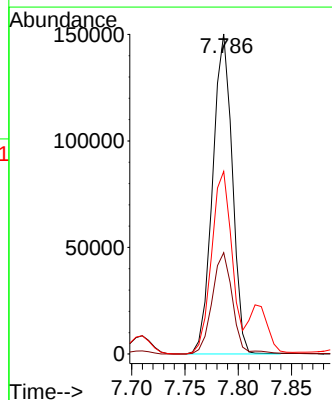
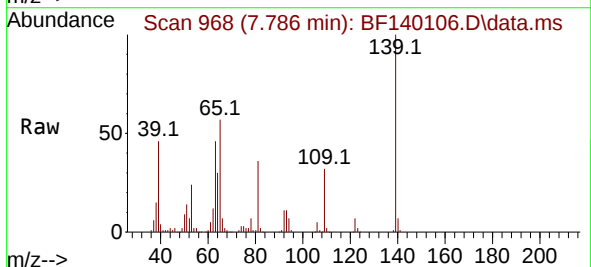
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

Tgt Ion: 82 Resp: 733519
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.8 13.2 19.8



#26
2-Nitrophenol
Concen: 55.431 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:139 Resp: 192422
Ion Ratio Lower Upper
139 100
109 31.6 25.1 37.7
65 57.0 47.5 71.3

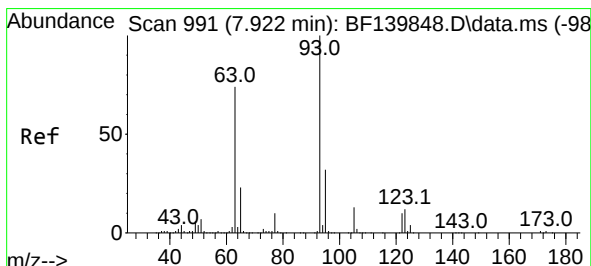
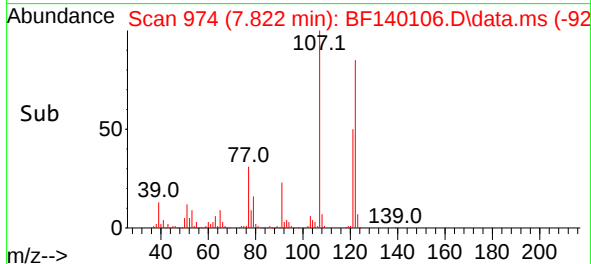
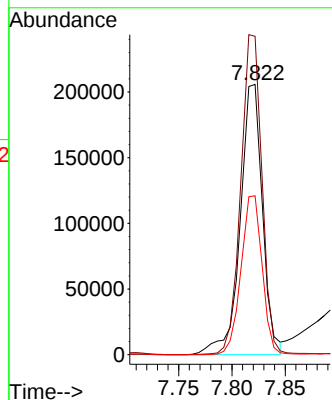
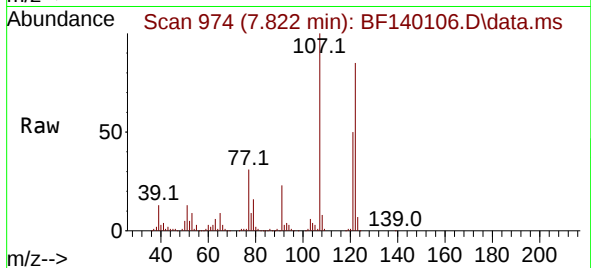




#27
2,4-Dimethylphenol
Concen: 51.898 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

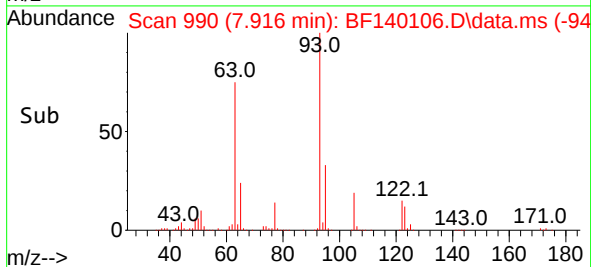
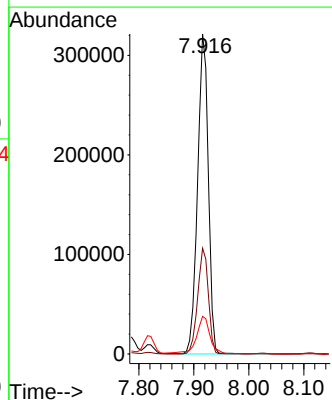
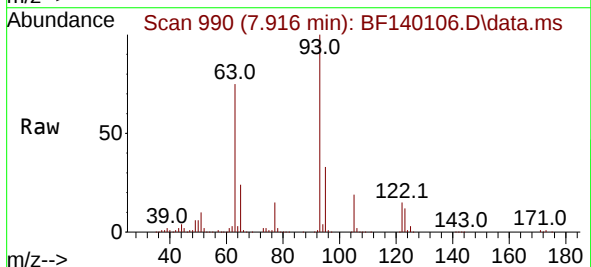
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

Tgt Ion:122 Resp: 300404
Ion Ratio Lower Upper
122 100
107 117.8 91.9 137.9
121 58.8 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.231 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion: 93 Resp: 436527
Ion Ratio Lower Upper
93 100
95 33.1 26.0 39.0
123 11.7 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 46.359 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

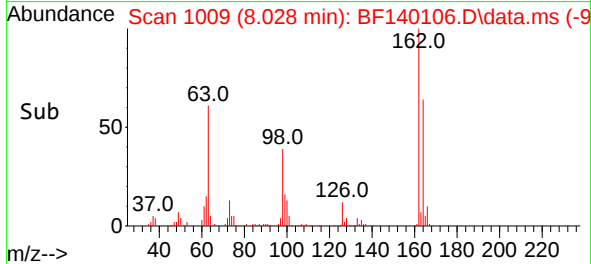
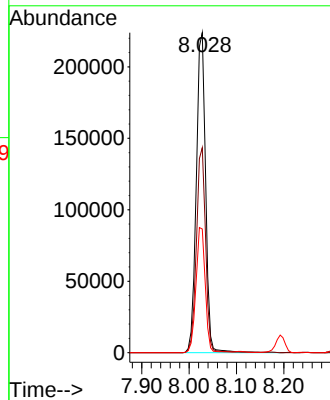
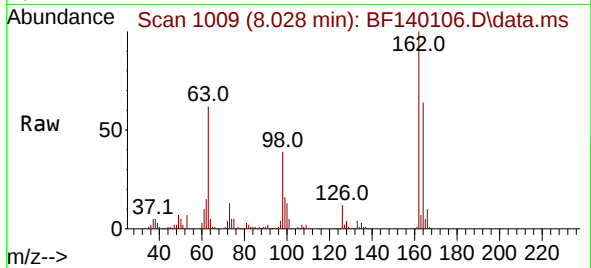
Tgt Ion:162 Resp: 305647

Ion Ratio Lower Upper

162 100

164 64.1 43.9 83.9

98 38.7 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 43.966 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

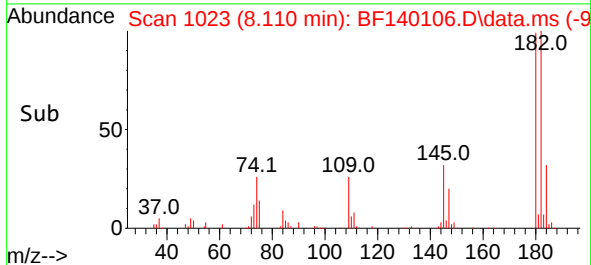
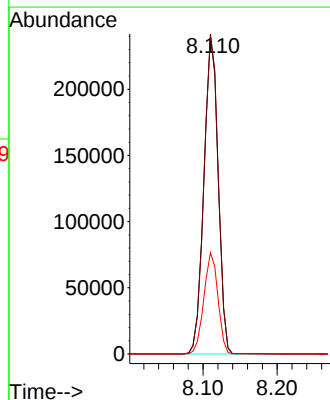
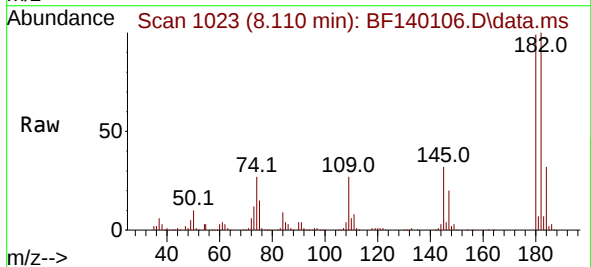
Tgt Ion:180 Resp: 320744

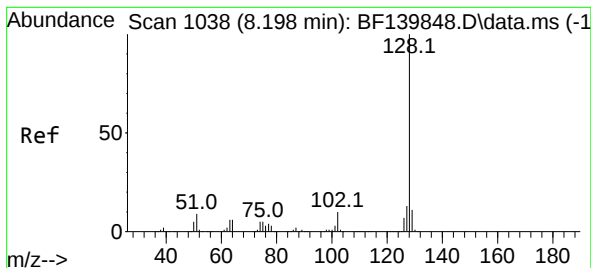
Ion Ratio Lower Upper

180 100

182 100.6 80.5 120.7

145 31.9 25.4 38.0





#31

Naphthalene

Concen: 44.260 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

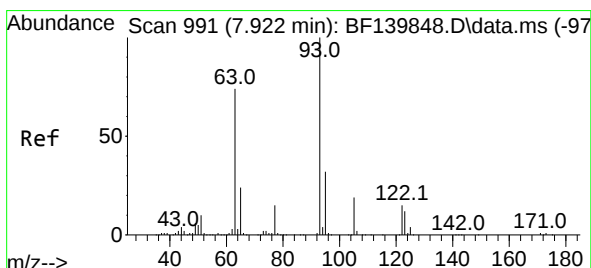
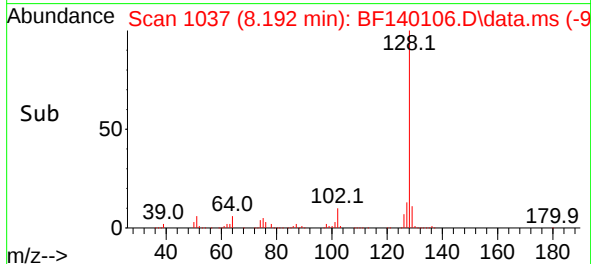
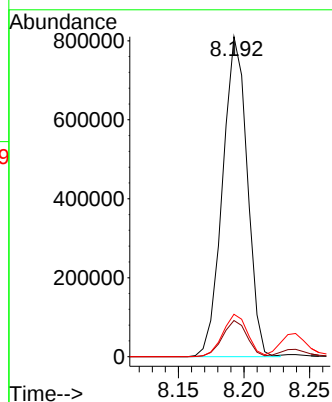
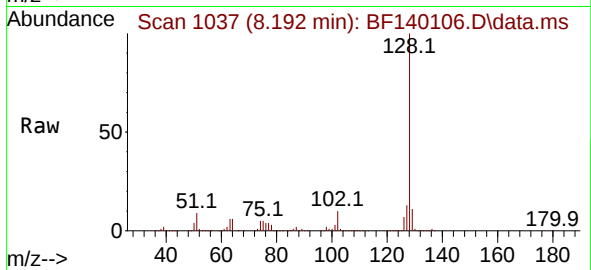
Tgt Ion:128 Resp: 1061785

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 45.898 ng

RT: 7.933 min Scan# 993

Delta R.T. 0.011 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

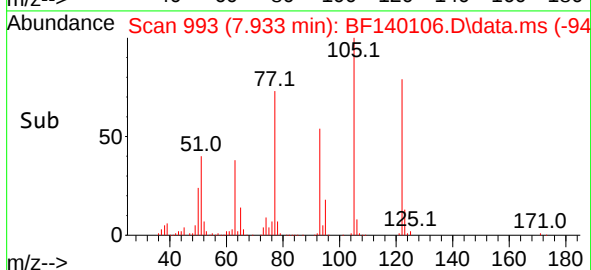
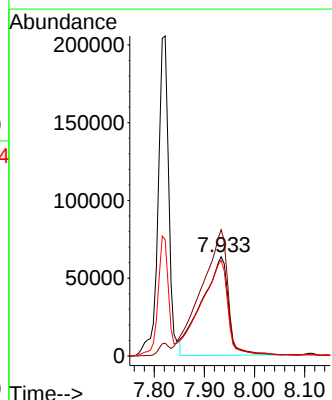
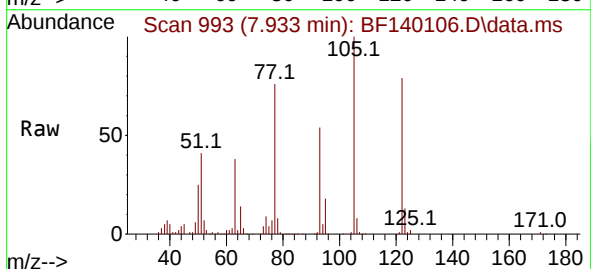
Tgt Ion:122 Resp: 231719

Ion Ratio Lower Upper

122 100

105 127.2 107.6 147.6

77 96.1 80.2 120.2

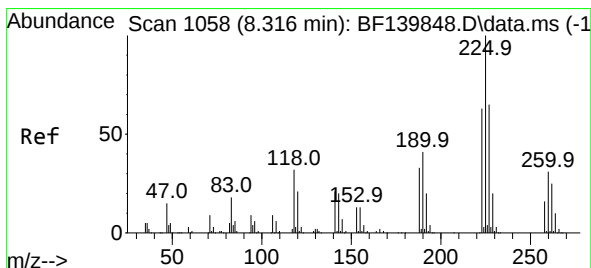
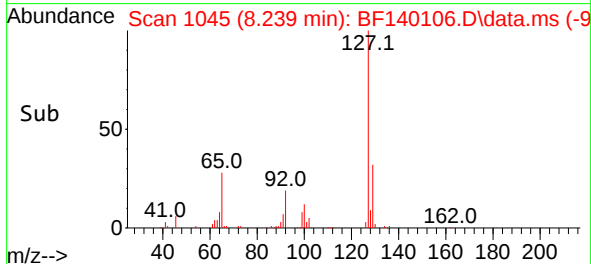
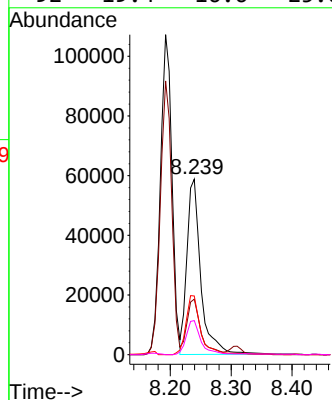
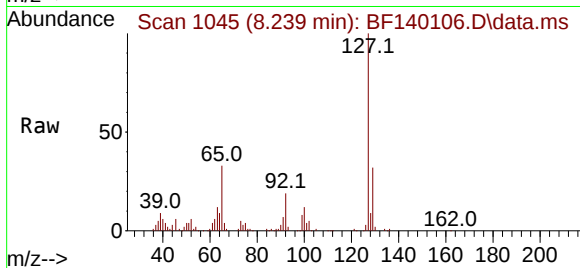




#33
4-Chloroaniline
Concen: 11.409 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

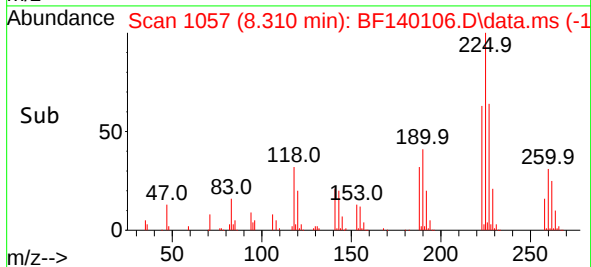
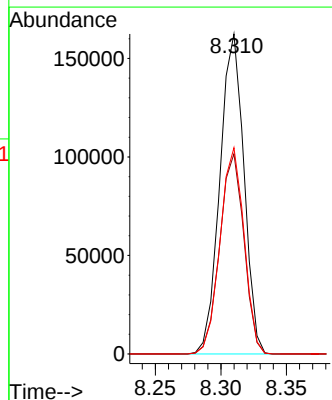
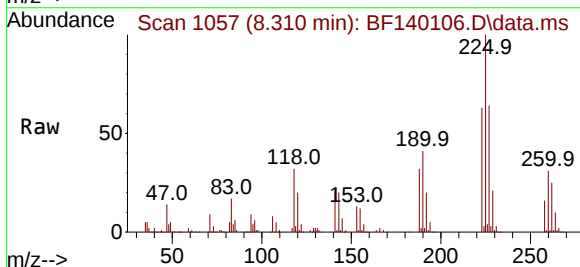
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

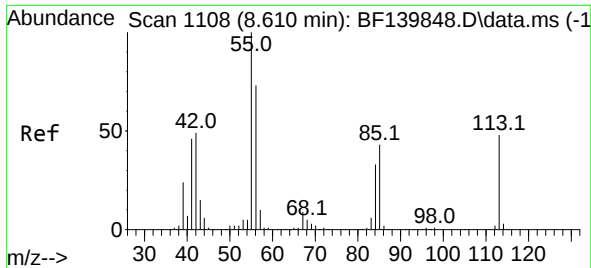
Tgt Ion:	127	Resp:	93330
Ion Ratio	Lower	Upper	
127	100		
129	31.7	25.4	38.2
65	33.4	28.4	42.6
92	19.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 45.097 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:	225	Resp:	206714
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.6	76.0
227	64.4	51.8	77.8

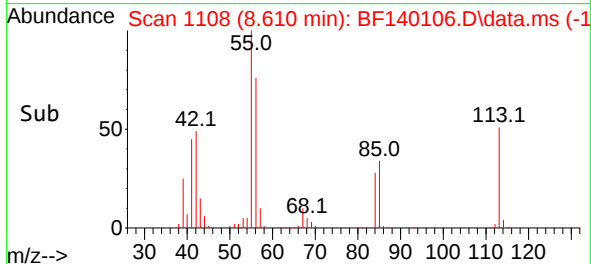
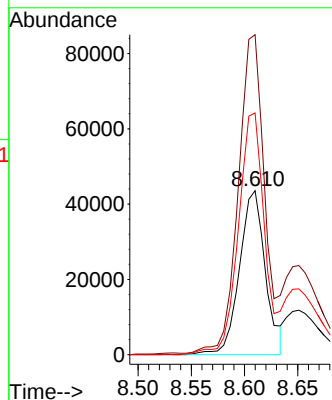
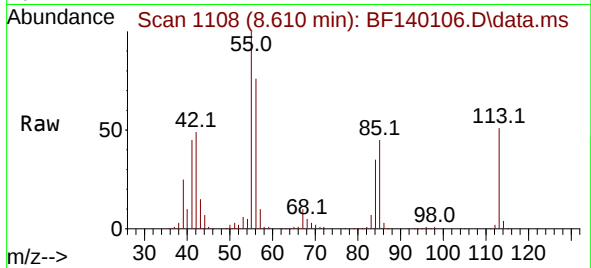




#35
 Caprolactam
 Concen: 35.115 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF140106.D
 Acq: 29 Oct 2024 12:30

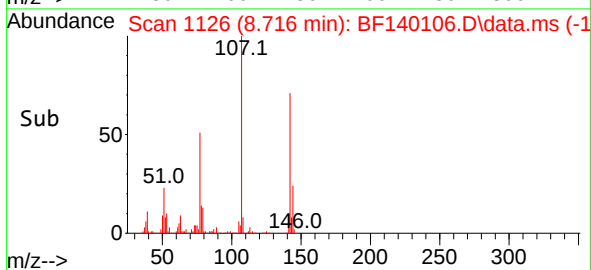
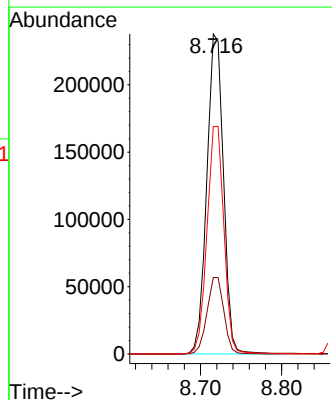
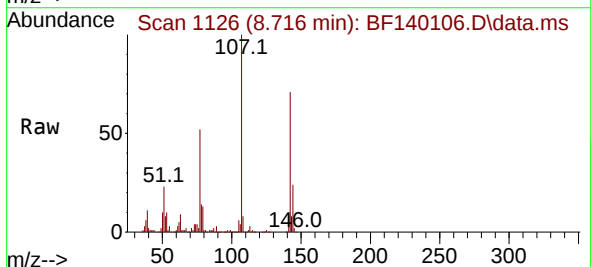
Instrument :
 BNA_F
 ClientSampleId :
 BP-F-18MSD

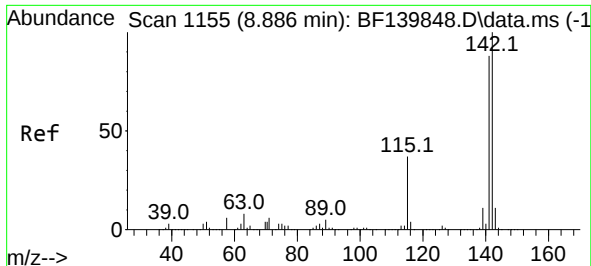
Tgt Ion:113 Resp: 73615
 Ion Ratio Lower Upper
 113 100
 55 195.2 189.2 229.2
 56 147.5 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 46.402 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF140106.D
 Acq: 29 Oct 2024 12:30

Tgt Ion:107 Resp: 338753
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.1 28.7
 142 71.1 57.2 85.8





#37

2-Methylnaphthalene

Concen: 46.011 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

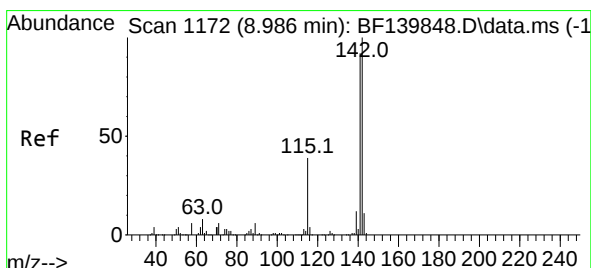
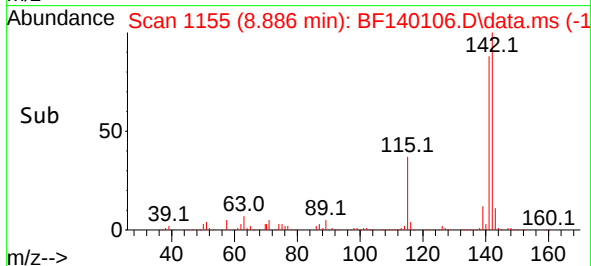
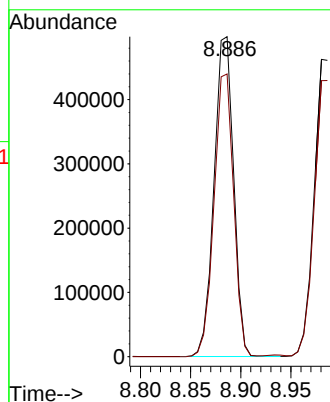
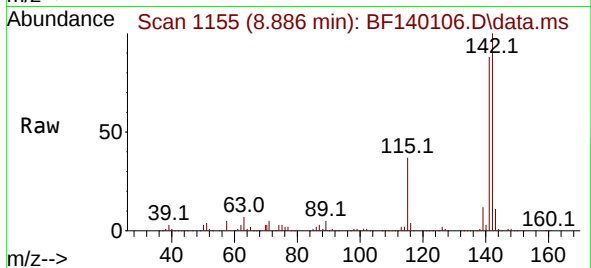
BP-F-18MSD

Tgt Ion:142 Resp: 676008

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2



#38

1-Methylnaphthalene

Concen: 43.370 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140106.D

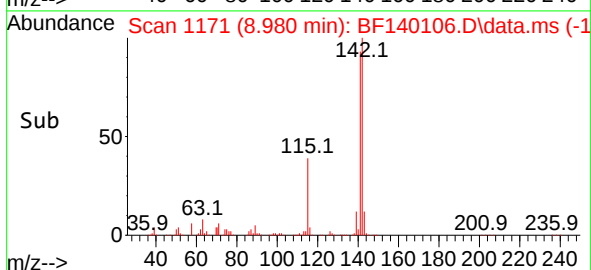
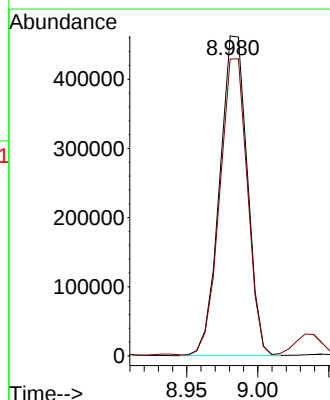
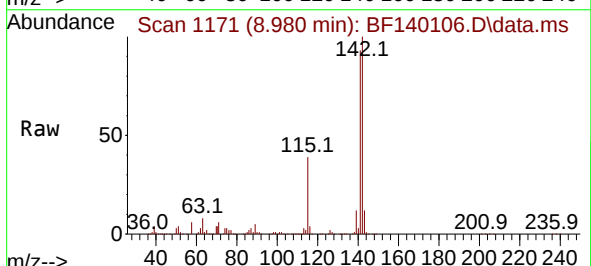
Acq: 29 Oct 2024 12:30

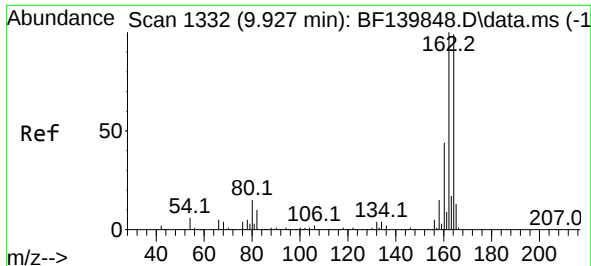
Tgt Ion:142 Resp: 625170

Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3

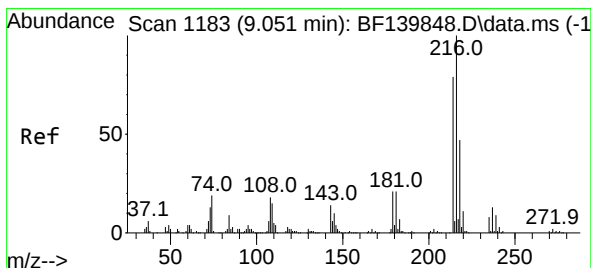
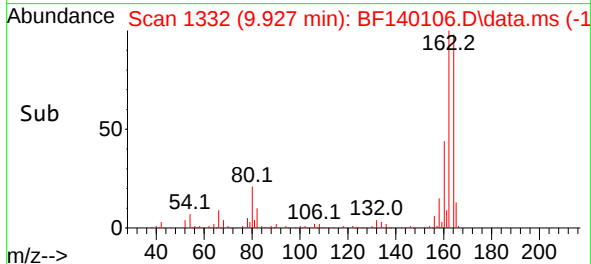
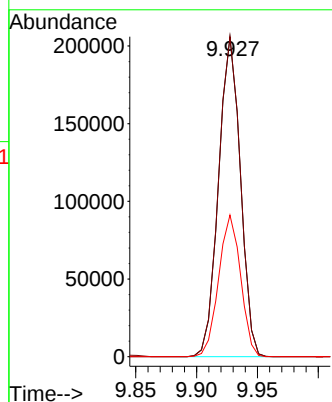
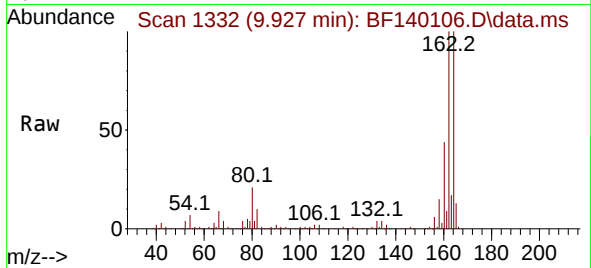




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

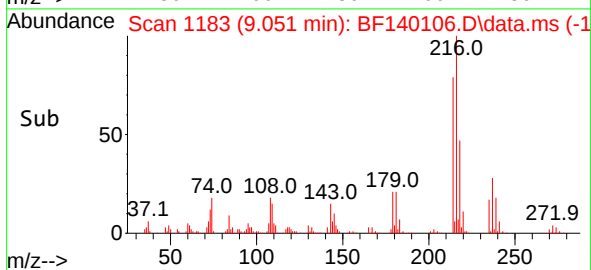
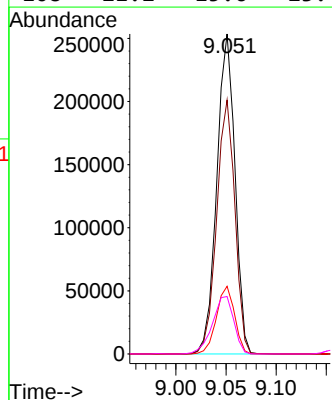
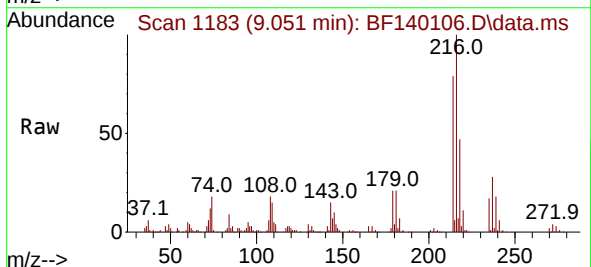
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

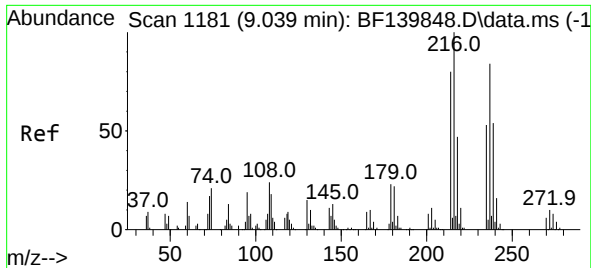
Tgt Ion:164 Resp: 256664
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 44.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.091 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:216 Resp: 319152
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.0
179 21.2 17.2 25.8
108 21.2 15.6 23.4

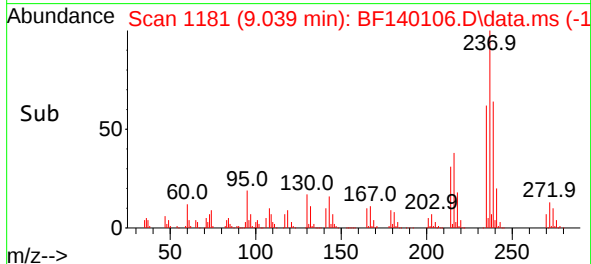
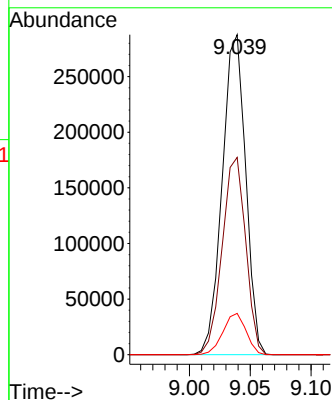
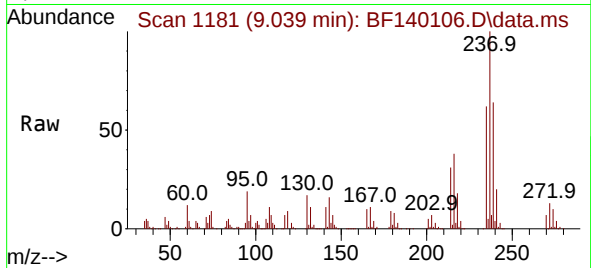




#41
Hexachlorocyclopentadiene
Concen: 160.268 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

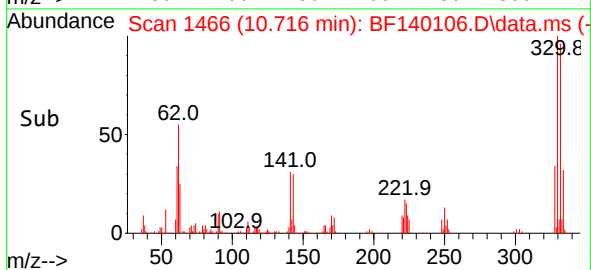
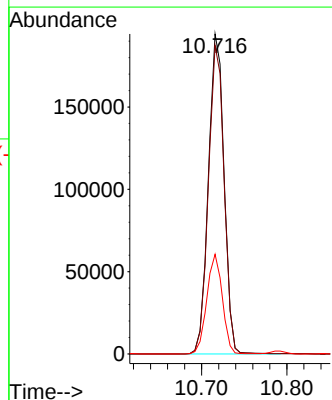
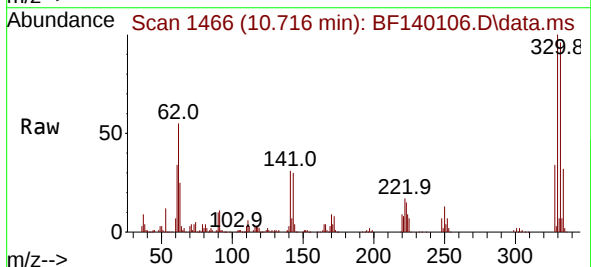
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

Tgt Ion:237 Resp: 386142
Ion Ratio Lower Upper
237 100
235 61.7 42.9 82.9
272 12.9 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 103.233 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:330 Resp: 247838
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 31.0 26.6 39.8

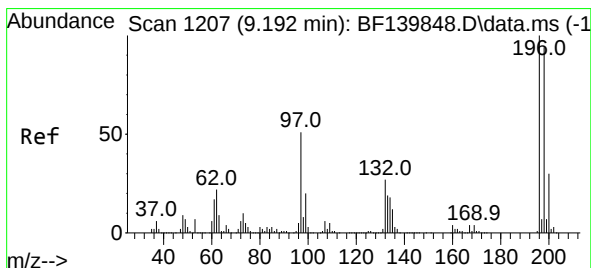
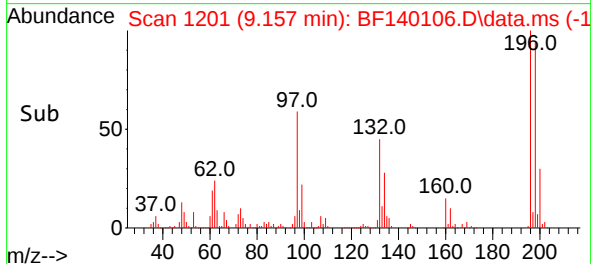
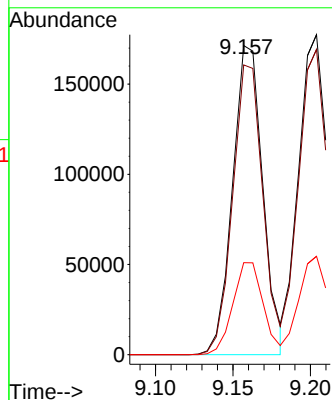
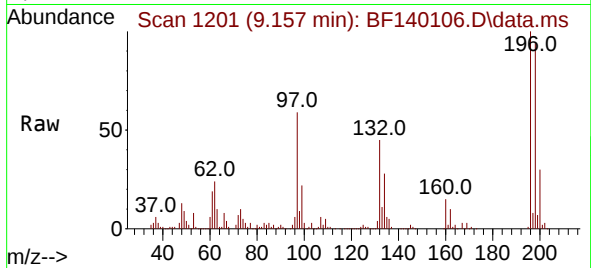




#43
2,4,6-Trichlorophenol
Concen: 47.439 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

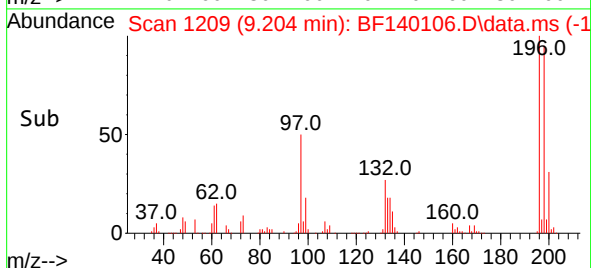
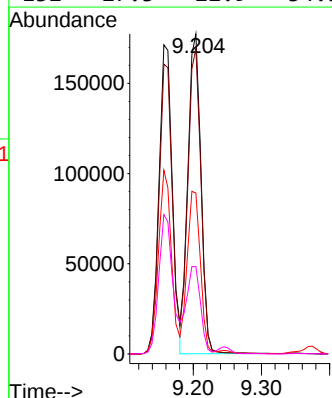
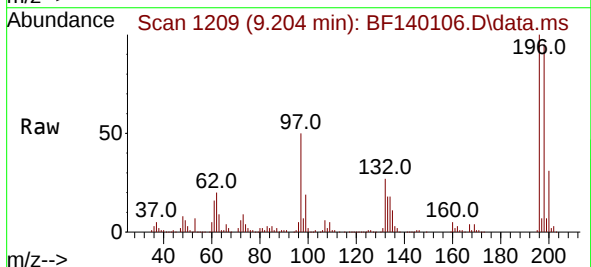
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

Tgt Ion:196 Resp: 232567
Ion Ratio Lower Upper
196 100
198 93.7 76.2 114.2
200 29.8 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 46.607 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:196 Resp: 235734
Ion Ratio Lower Upper
196 100
198 95.4 75.8 113.6
97 50.3 41.8 62.6
132 27.3 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 64.768 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

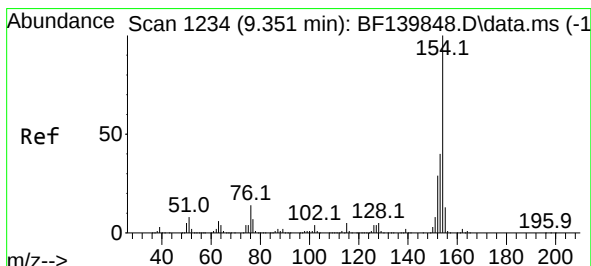
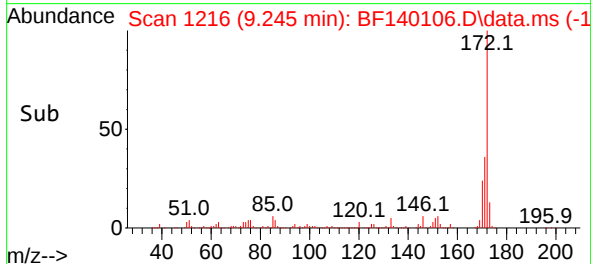
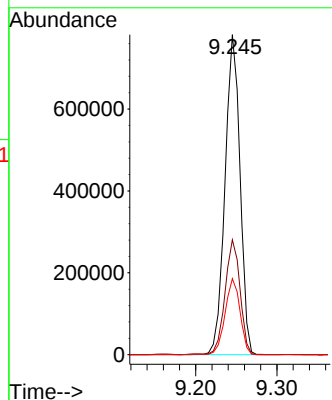
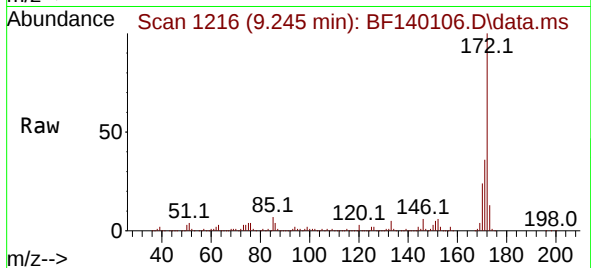
Tgt Ion:172 Resp: 1005847

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 45.623 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

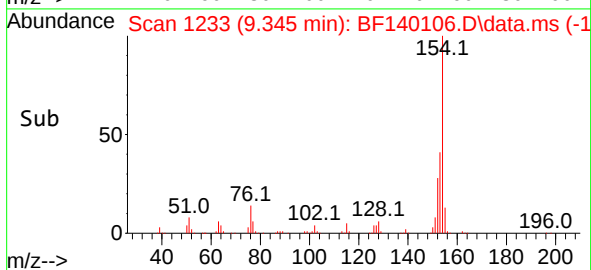
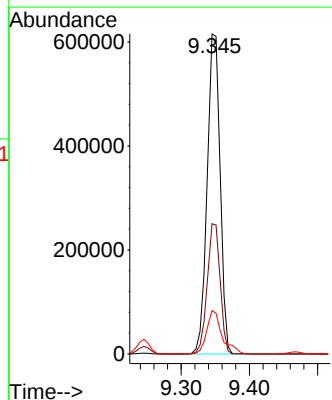
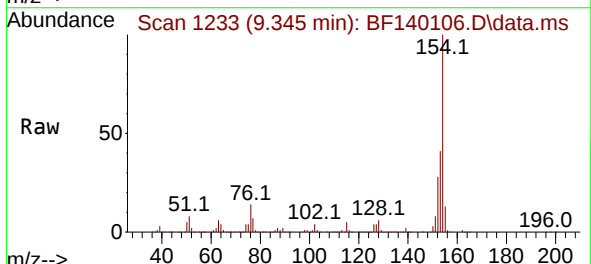
Tgt Ion:154 Resp: 815178

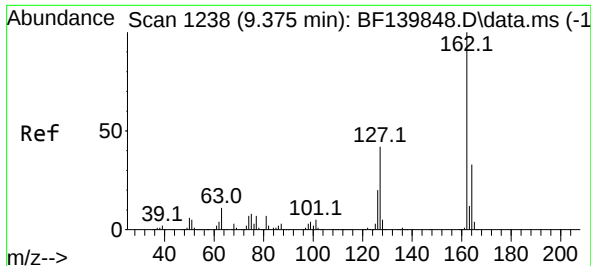
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 13.5 0.0 33.9

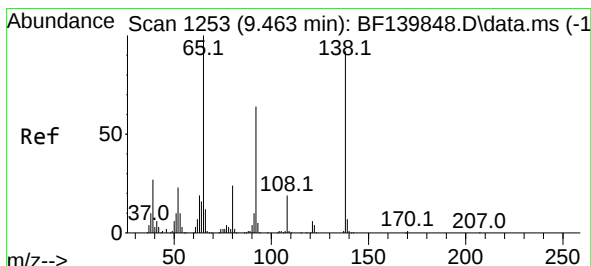
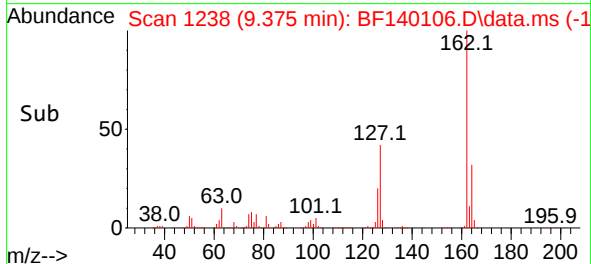
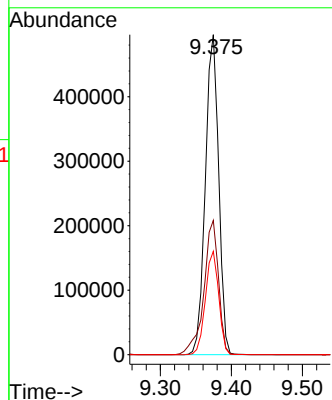
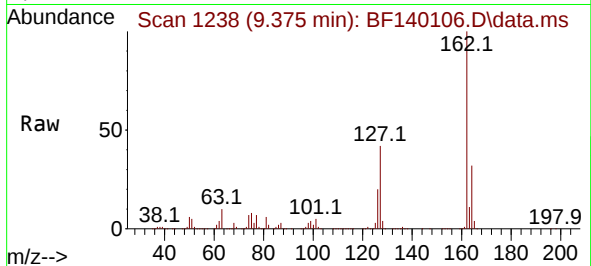




#47
2-Chloronaphthalene
Concen: 45.126 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

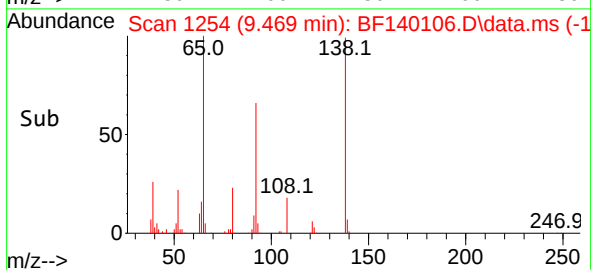
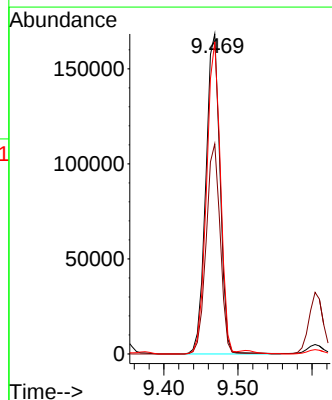
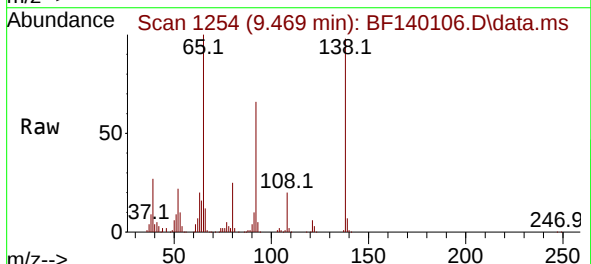
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

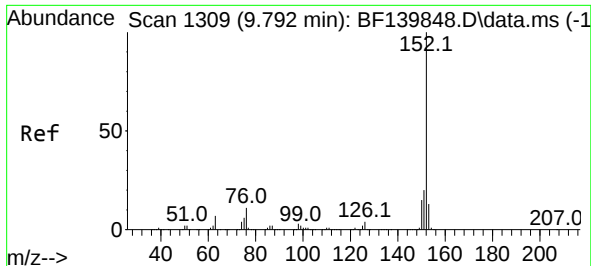
Tgt Ion:162 Resp: 649391
Ion Ratio Lower Upper
162 100
127 41.9 33.8 50.6
164 32.3 26.6 39.8



#48
2-Nitroaniline
Concen: 51.066 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion: 65 Resp: 224758
Ion Ratio Lower Upper
65 100
92 65.7 50.9 76.3
138 97.6 73.4 110.0





#49

Acenaphthylene

Concen: 48.570 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

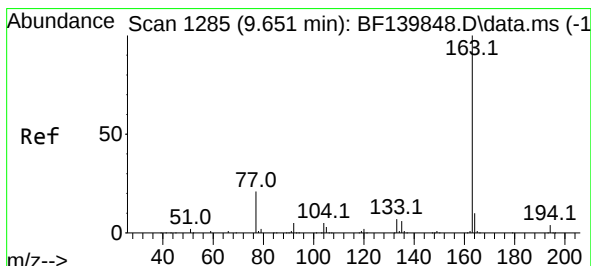
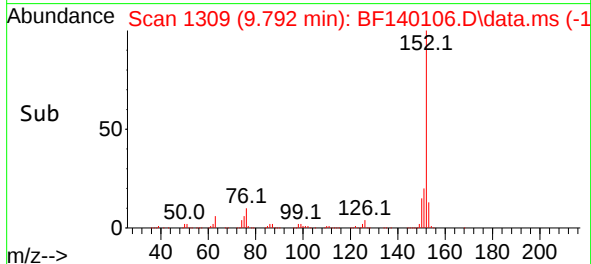
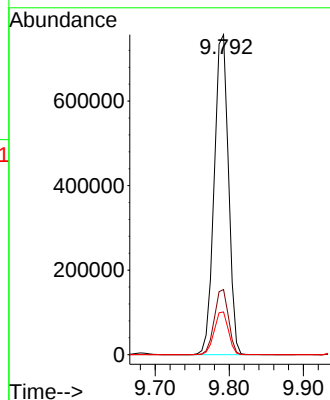
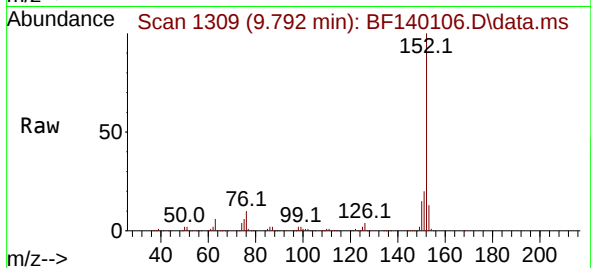
Tgt Ion:152 Resp: 1010496

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 47.778 ng

RT: 9.645 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

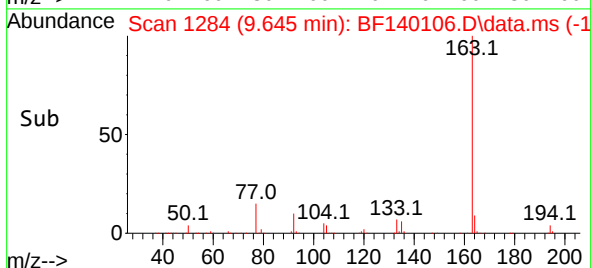
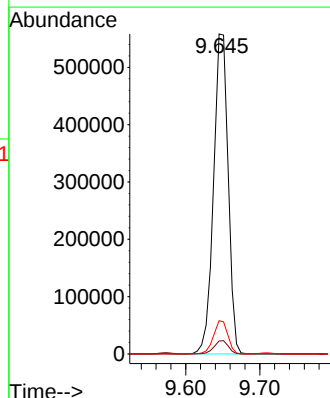
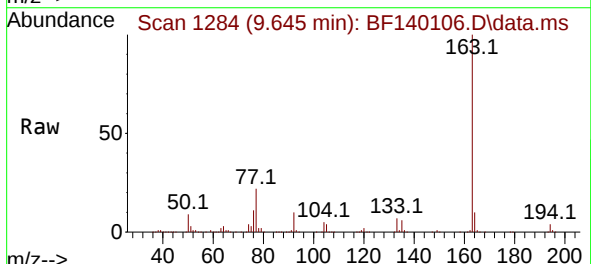
Tgt Ion:163 Resp: 763825

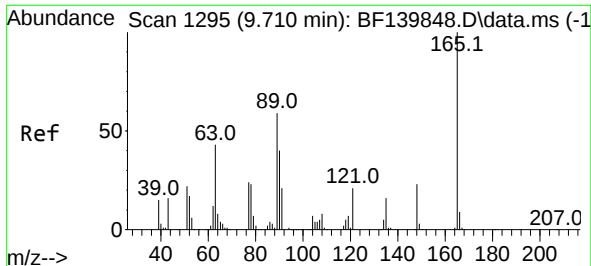
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.4 8.2 12.2

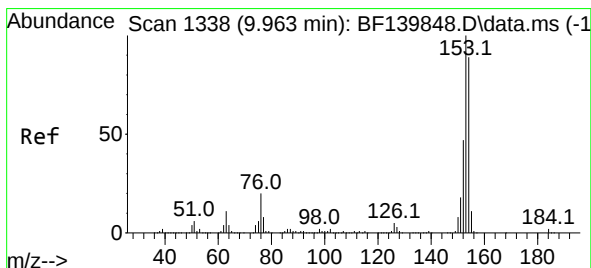
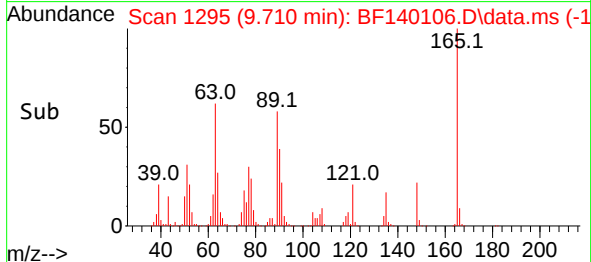
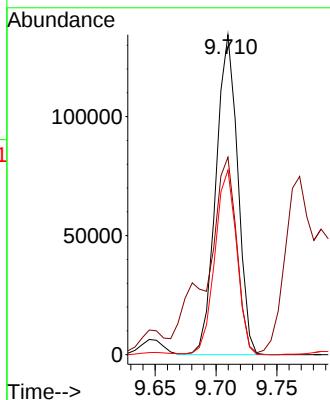
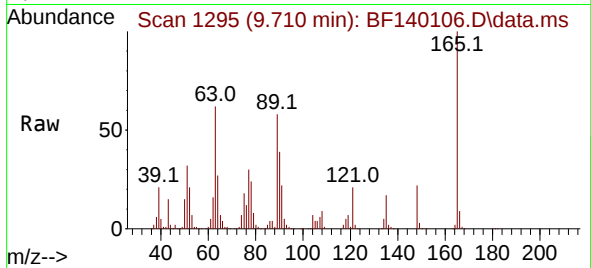




#51
2,6-Dinitrotoluene
Concen: 48.341 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

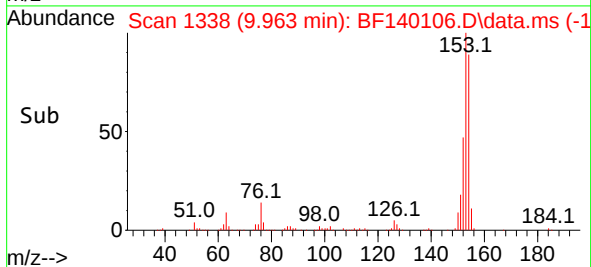
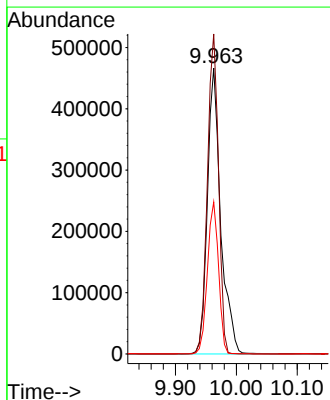
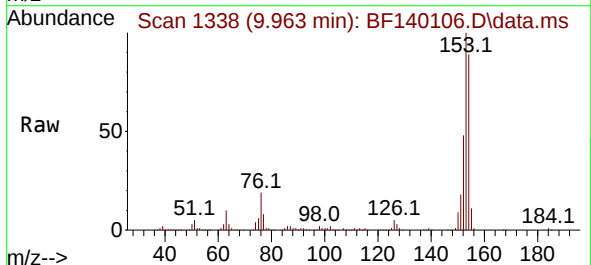
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

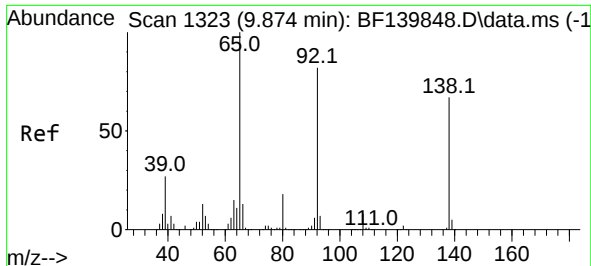
Tgt Ion:165 Resp: 167332
Ion Ratio Lower Upper
165 100
63 61.7 50.6 75.8
89 57.7 47.5 71.3



#52
Acenaphthene
Concen: 52.842 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:154 Resp: 711175
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 53.2 42.4 63.6

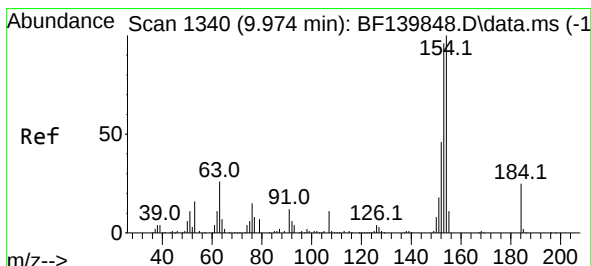
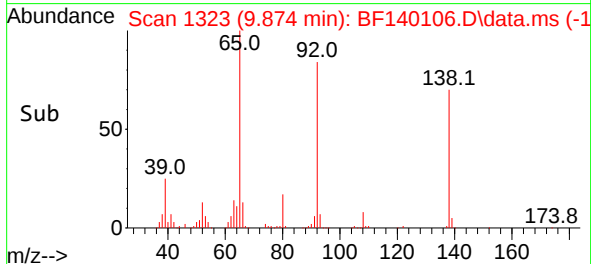
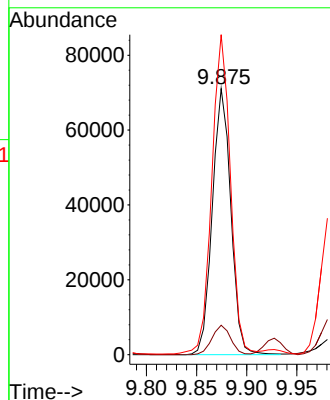
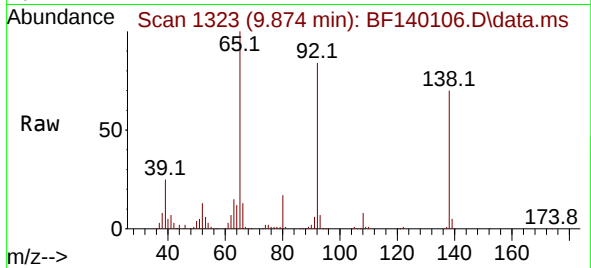




#53
3-Nitroaniline
Concen: 25.527 ng
RT: 9.874 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

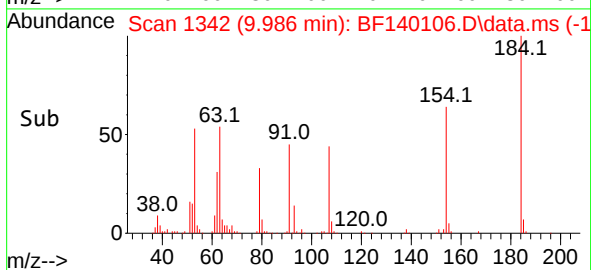
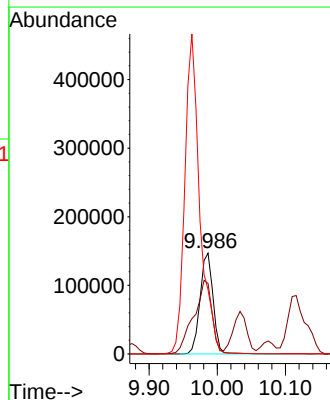
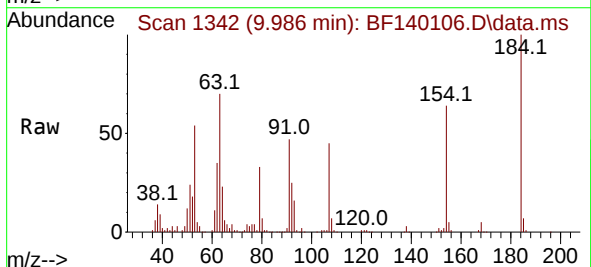
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

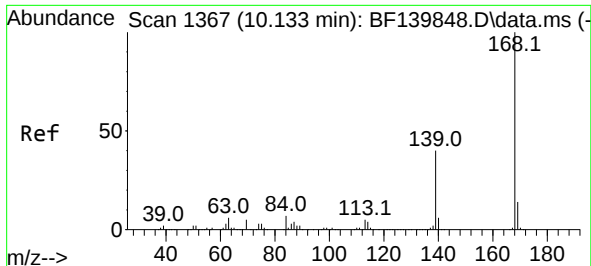
Tgt Ion:138 Resp: 91124
Ion Ratio Lower Upper
138 100
108 11.1 10.2 15.2
92 120.3 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 131.934 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:184 Resp: 196382
Ion Ratio Lower Upper
184 100
63 70.1 84.7 127.1#
154 63.9 338.2 507.2#

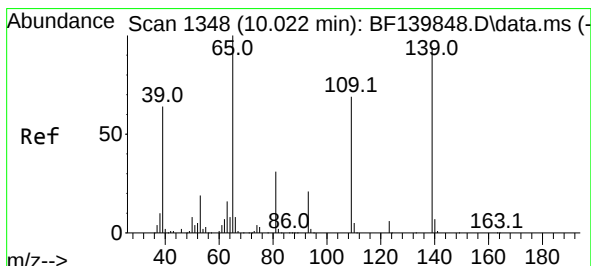
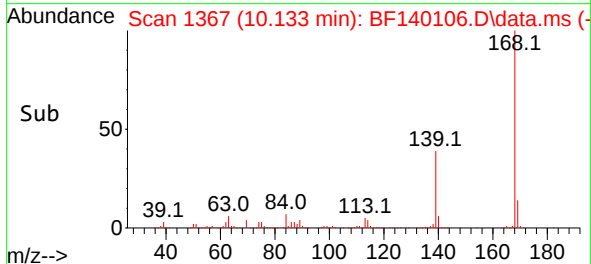
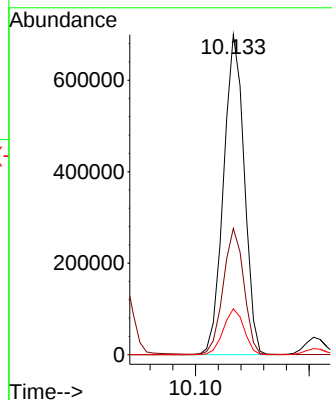
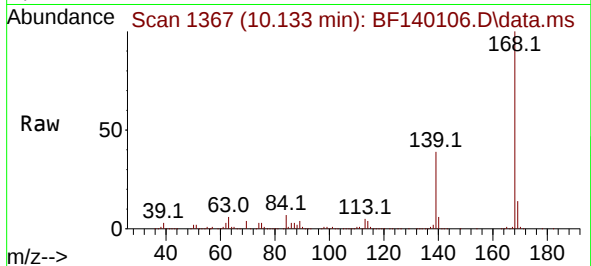




#55
Dibenzenofuran
Concen: 45.875 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

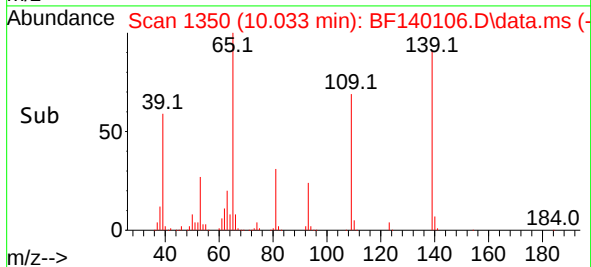
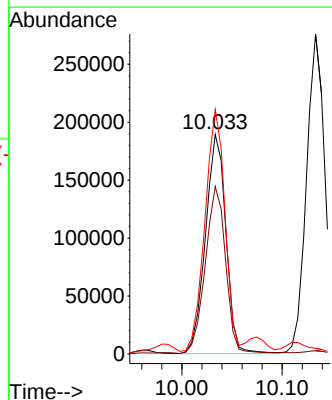
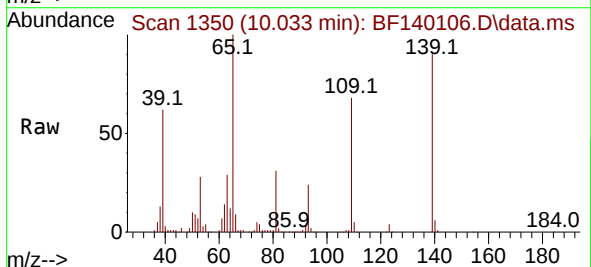
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

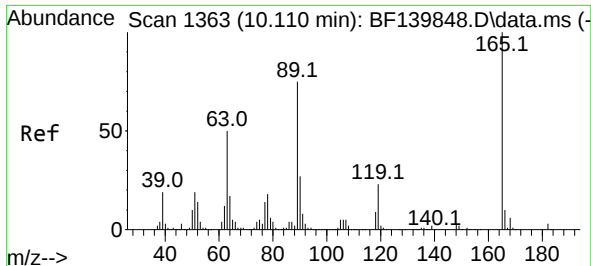
Tgt Ion:168 Resp: 885829
Ion Ratio Lower Upper
168 100
139 39.5 31.8 47.6
169 14.4 11.6 17.4



#56
4-Nitrophenol
Concen: 97.989 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:139 Resp: 269111
Ion Ratio Lower Upper
139 100
109 76.2 53.6 93.6
65 111.3 87.8 127.8

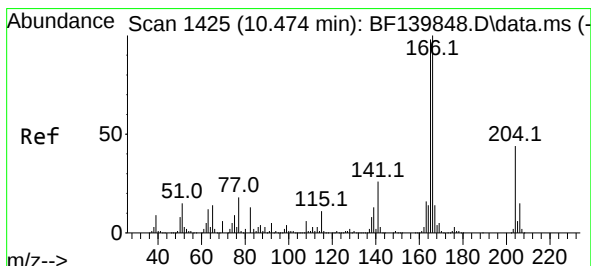
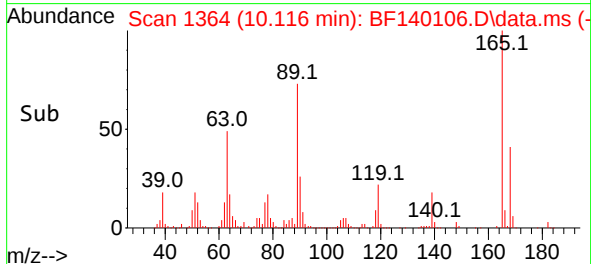
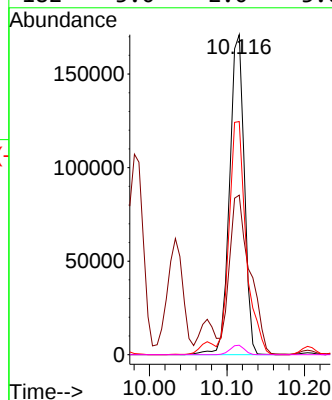
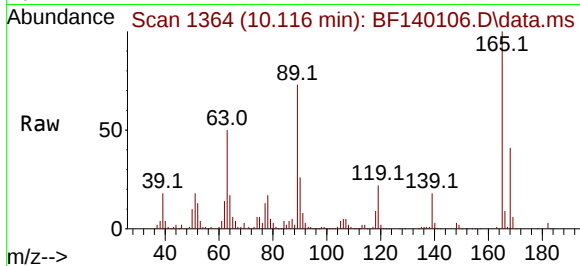




#57
2,4-Dinitrotoluene
Concen: 53.238 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

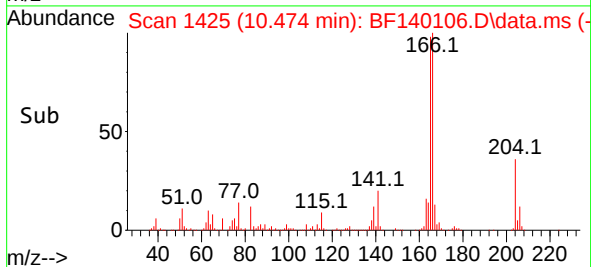
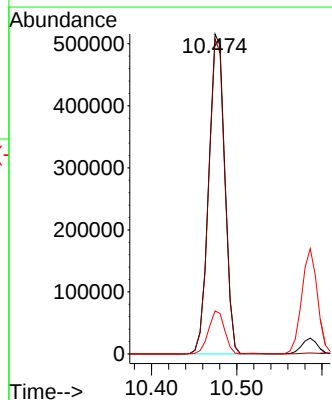
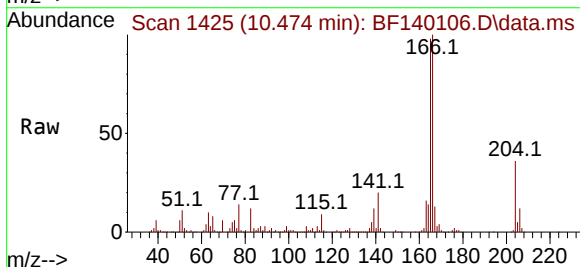
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

Tgt Ion:165 Resp: 226623
Ion Ratio Lower Upper
165 100
63 49.8 40.1 60.1
89 72.9 60.4 90.6
182 3.0 2.0 3.0



#58
Fluorene
Concen: 45.890 ng
RT: 10.474 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:166 Resp: 674927
Ion Ratio Lower Upper
166 100
165 98.4 78.5 117.7
167 13.5 10.9 16.3

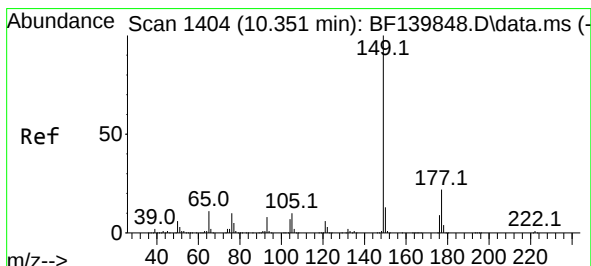
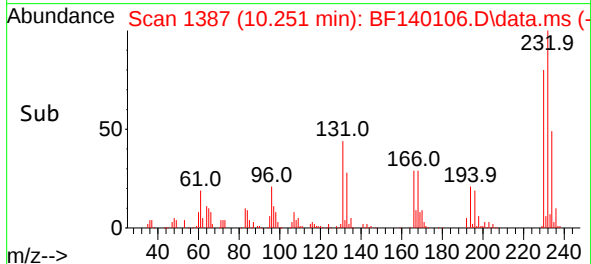
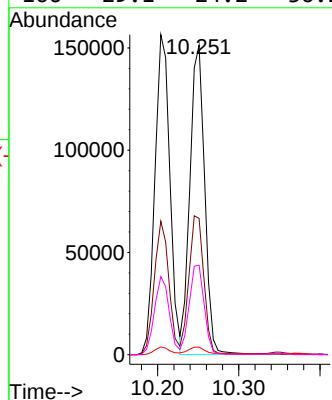
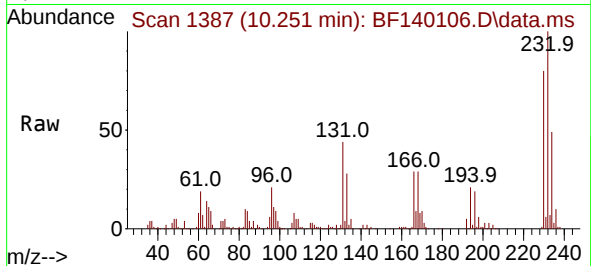




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.321 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

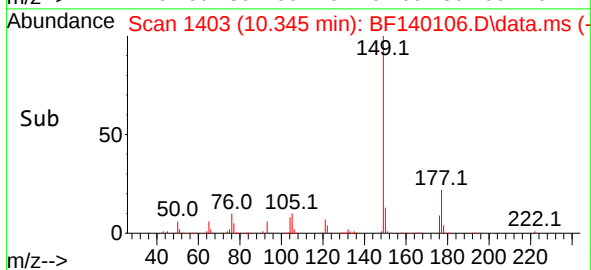
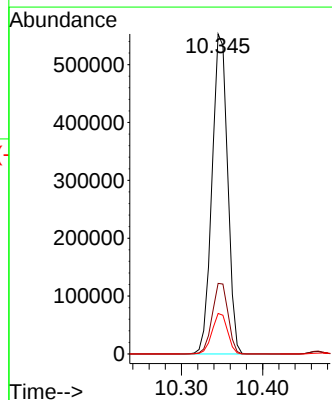
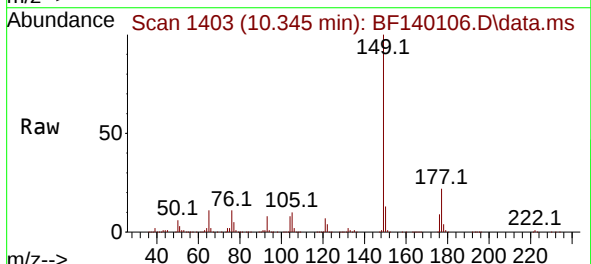
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

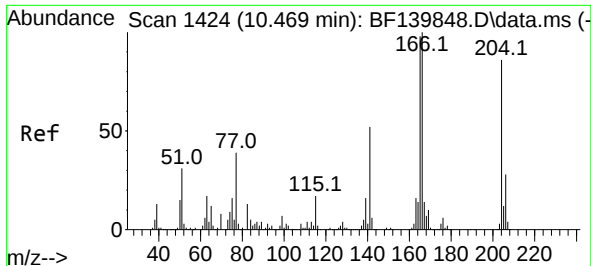
Tgt Ion:232 Resp: 191597
Ion Ratio Lower Upper
232 100
131 45.4 37.0 55.6
130 2.8 1.9 2.9
166 29.1 24.2 36.2



#60
Diethylphthalate
Concen: 46.863 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:149 Resp: 735614
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.7 10.1 15.1

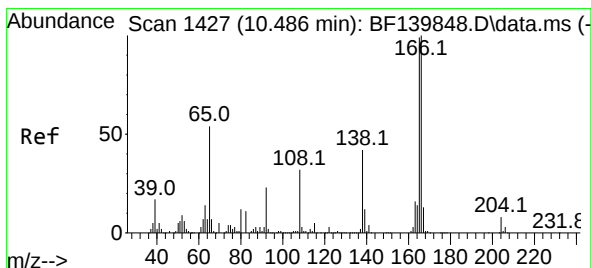
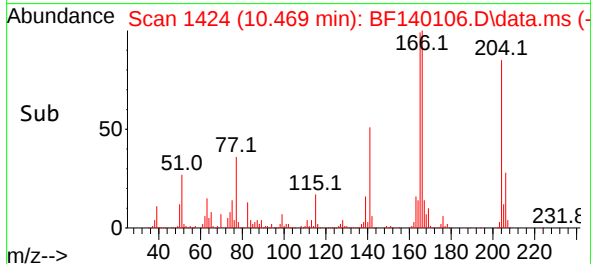
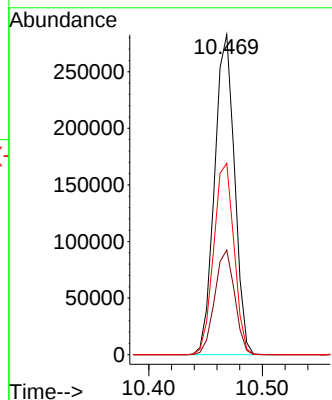
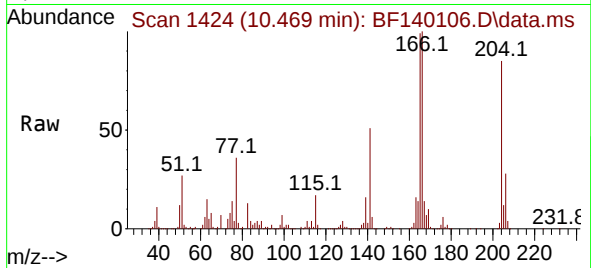




#61
4-Chlorophenyl-phenylether
Concen: 46.608 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

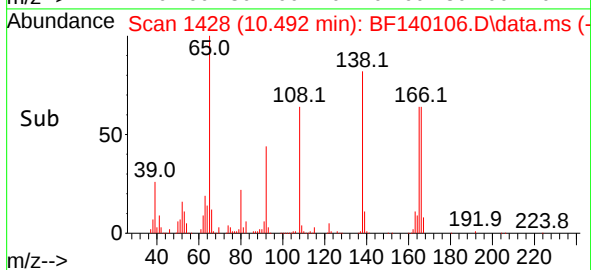
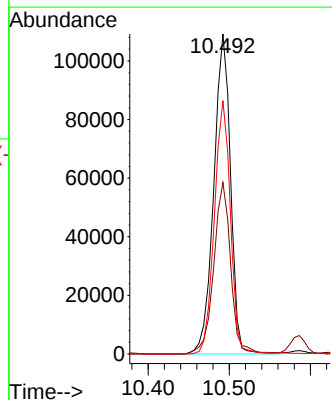
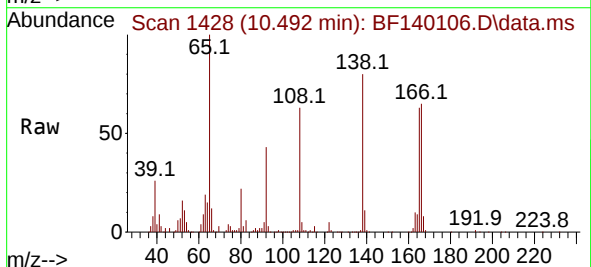
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

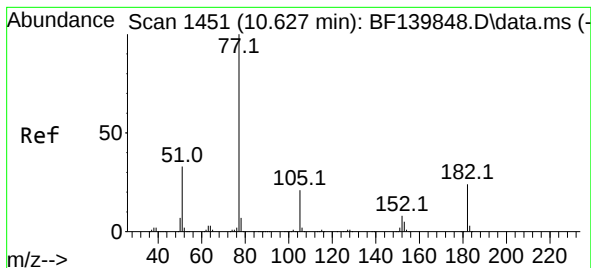
Tgt Ion:204 Resp: 346171
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 59.8 48.6 73.0



#62
4-Nitroaniline
Concen: 46.466 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:138 Resp: 156655
Ion Ratio Lower Upper
138 100
92 53.6 35.7 75.7
108 79.1 57.5 97.5





#63

Azobenzene

Concen: 52.363 ng

RT: 10.627 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

Tgt Ion: 77 Resp: 871386

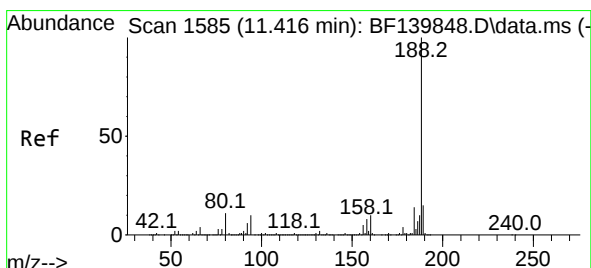
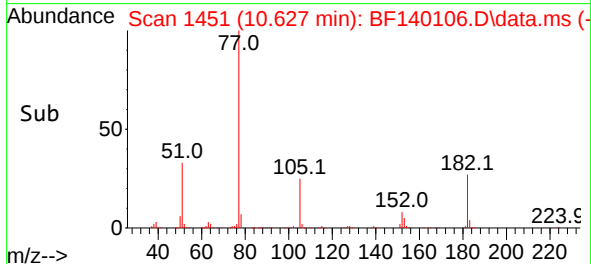
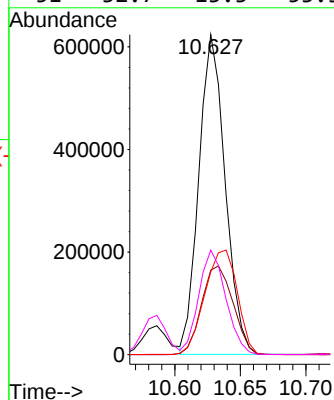
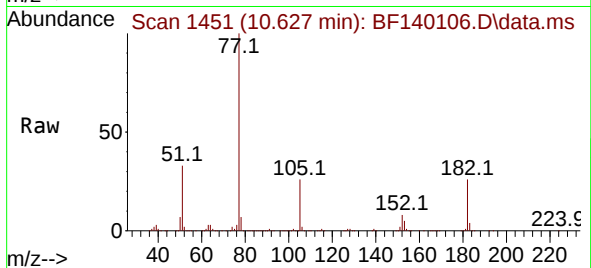
Ion Ratio Lower Upper

77 100

182 26.4 3.3 43.3

105 25.9 1.2 41.2

51 32.7 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

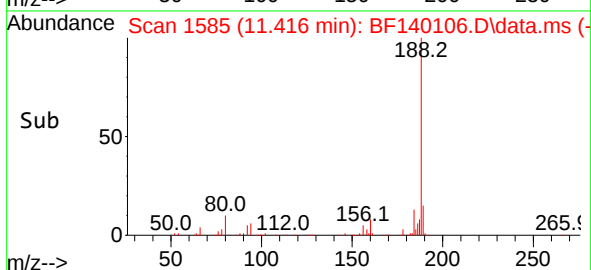
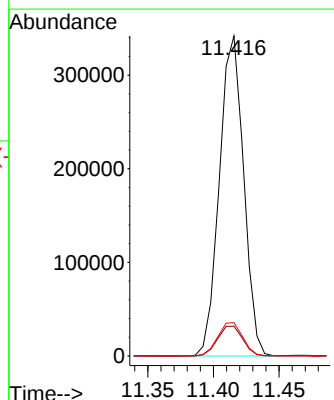
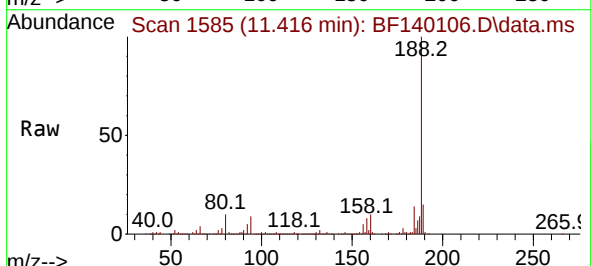
Tgt Ion:188 Resp: 439821

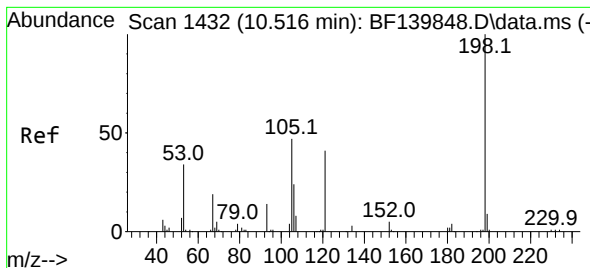
Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.4 9.0 13.4

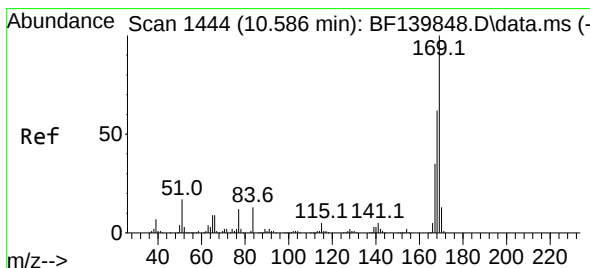
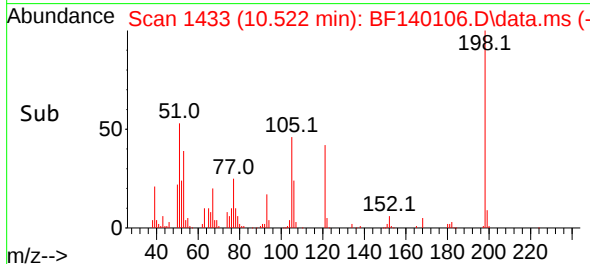
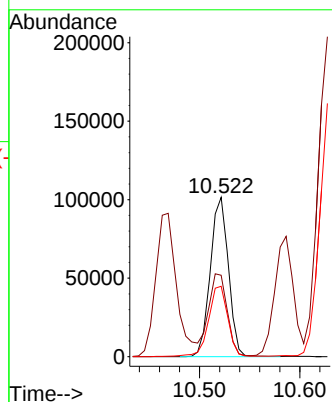
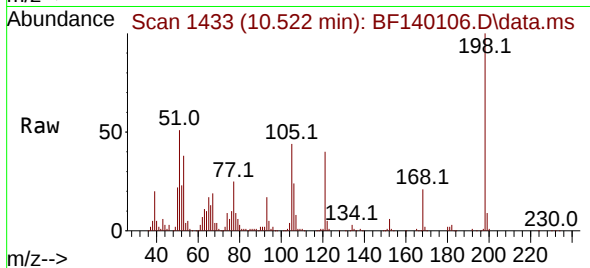




#65
4,6-Dinitro-2-methylphenol
Concen: 70.992 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

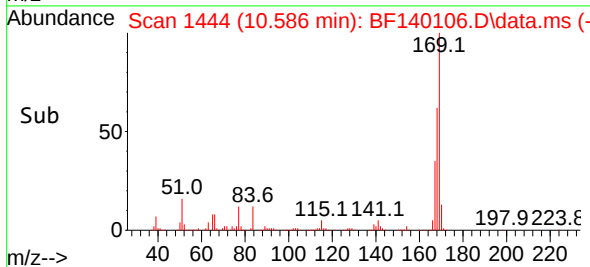
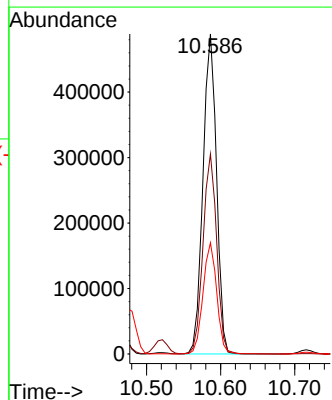
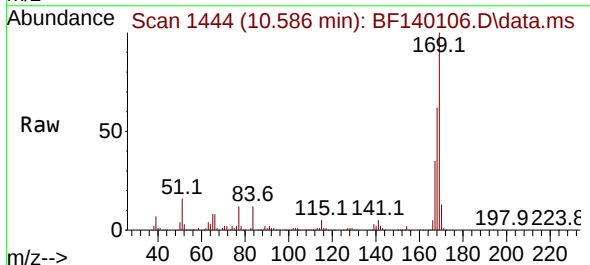
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

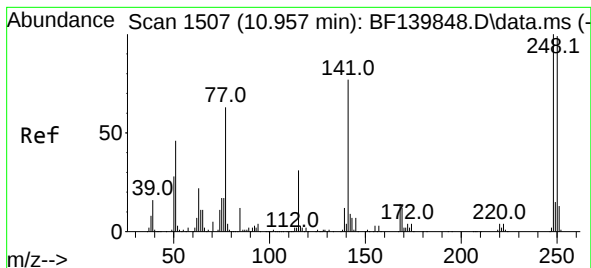
Tgt Ion:198 Resp: 127360
Ion Ratio Lower Upper
198 100
51 51.1 38.2 78.2
105 44.2 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 47.103 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:169 Resp: 620045
Ion Ratio Lower Upper
169 100
168 62.5 49.8 74.6
167 34.7 28.0 42.0

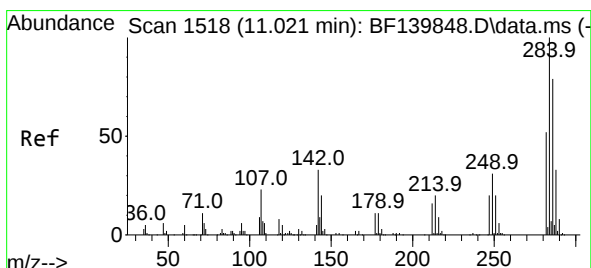
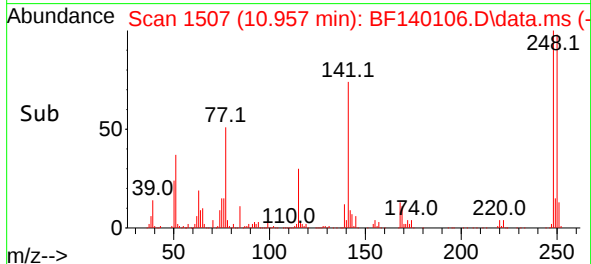
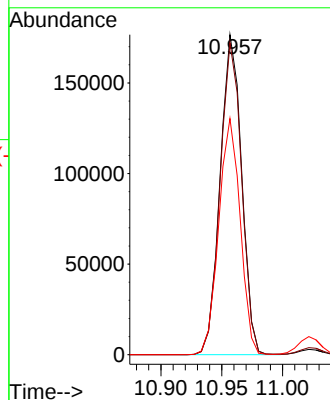
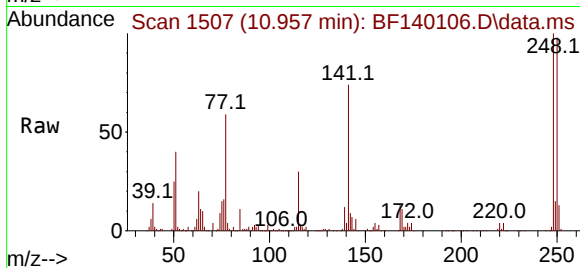




#67
4-Bromophenyl-phenylether
Concen: 47.979 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

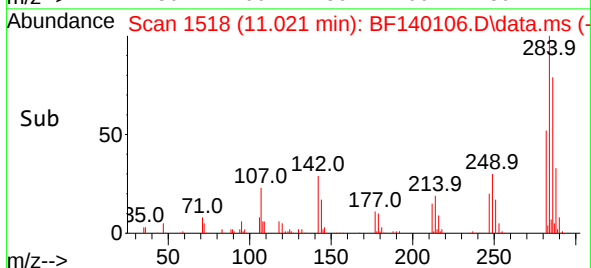
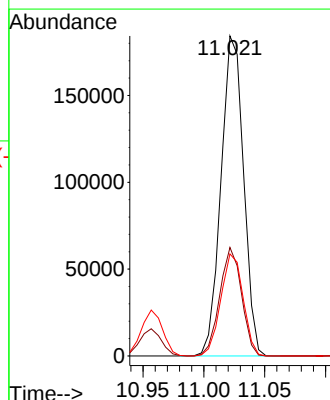
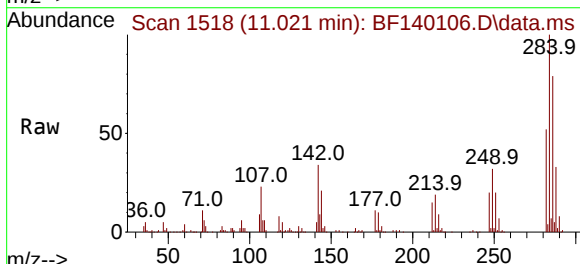
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

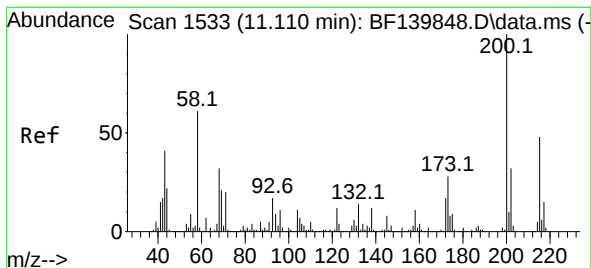
Tgt Ion:248 Resp: 217392
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.6
141 73.8 61.7 92.5



#68
Hexachlorobenzene
Concen: 46.595 ng
RT: 11.021 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:284 Resp: 237439
Ion Ratio Lower Upper
284 100
142 33.9 26.9 40.3
249 31.9 25.3 37.9





#69

Atrazine

Concen: 55.092 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

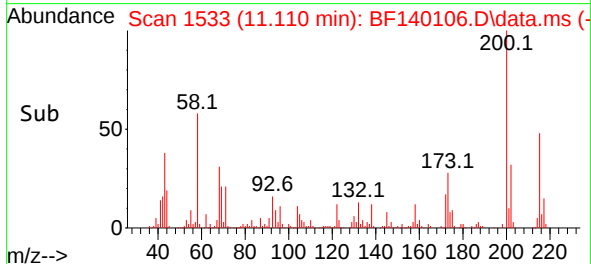
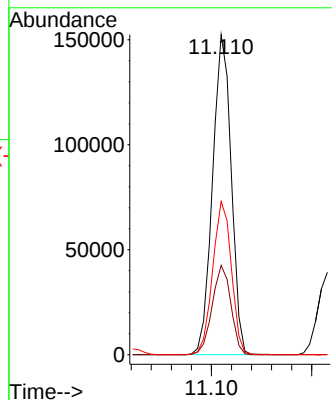
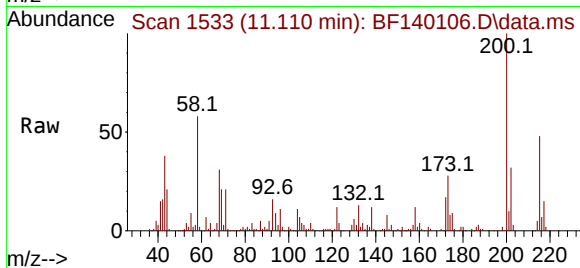
Tgt Ion:200 Resp: 196449

Ion Ratio Lower Upper

200 100

173 27.9 7.7 47.7

215 47.9 27.7 67.7



#70

Pentachlorophenol

Concen: 91.166 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

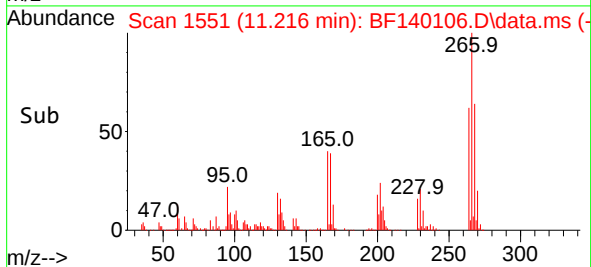
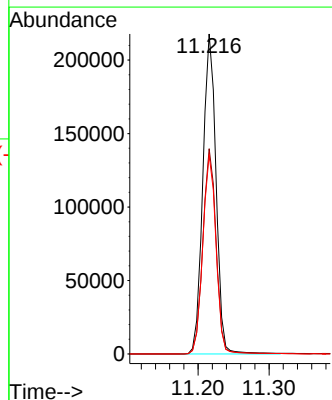
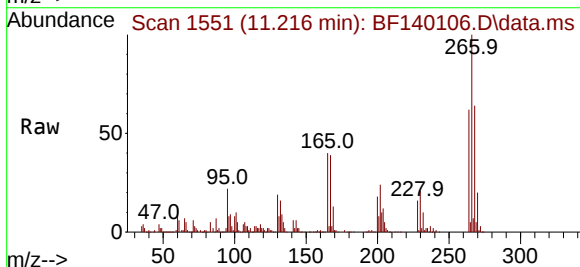
Tgt Ion:266 Resp: 281948

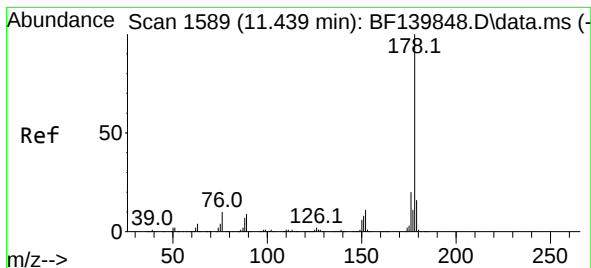
Ion Ratio Lower Upper

266 100

268 64.1 50.4 75.6

264 62.2 50.6 75.8





#71

Phenanthrene

Concen: 45.406 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

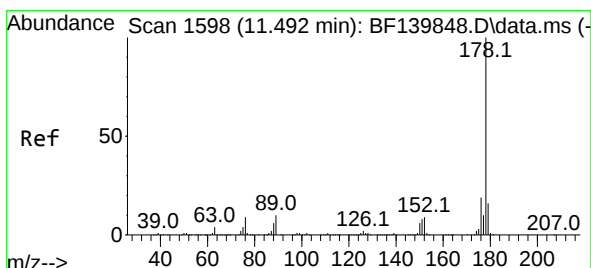
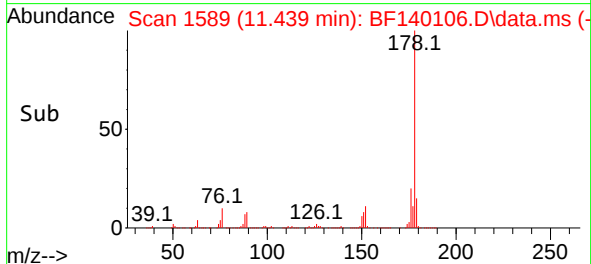
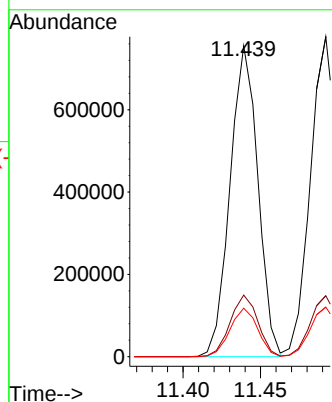
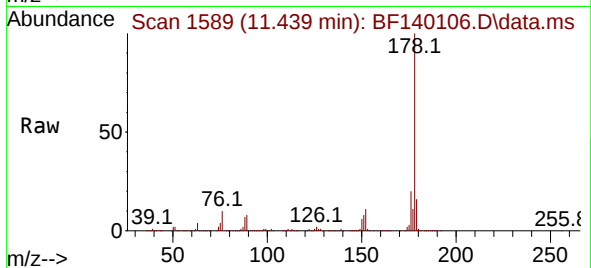
Tgt Ion:178 Resp: 943324

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.6 12.6 18.8



#72

Anthracene

Concen: 48.088 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

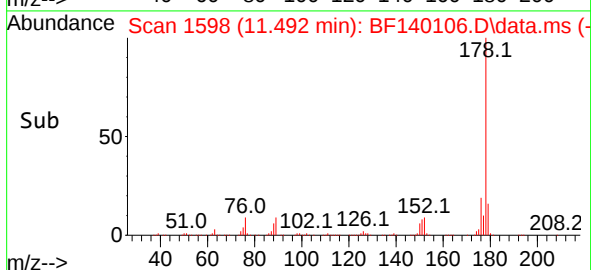
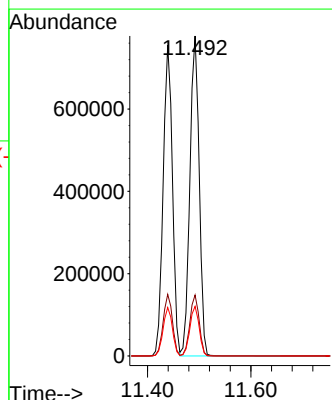
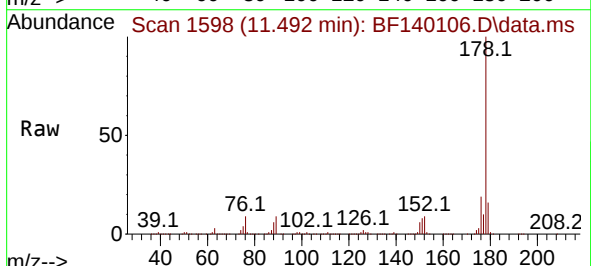
Tgt Ion:178 Resp: 974760

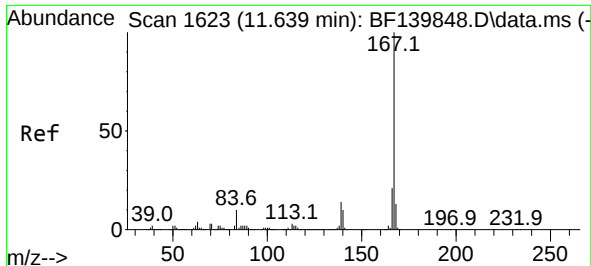
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.5 12.4 18.6

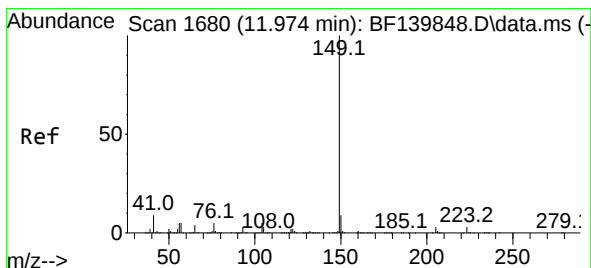
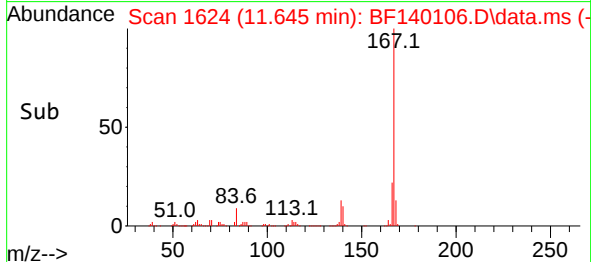
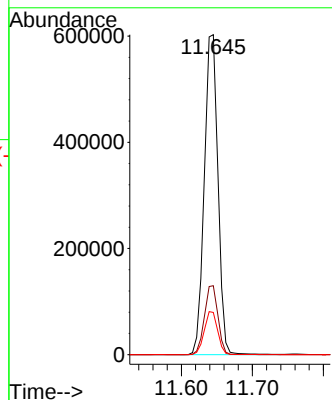
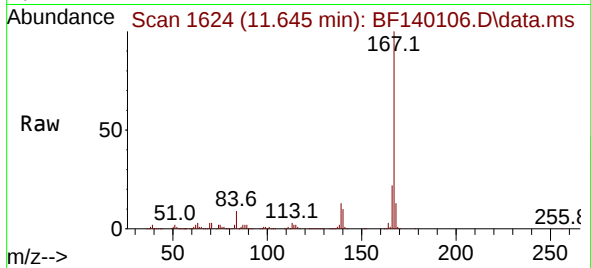




#73
 Carbazole
 Concen: 42.899 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF140106.D
 Acq: 29 Oct 2024 12:30

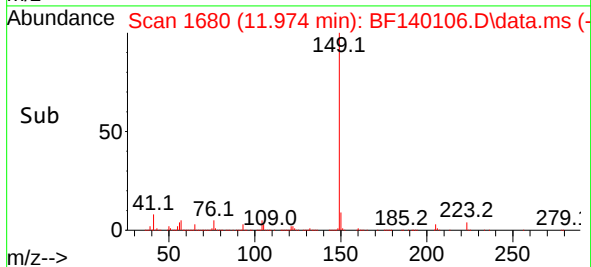
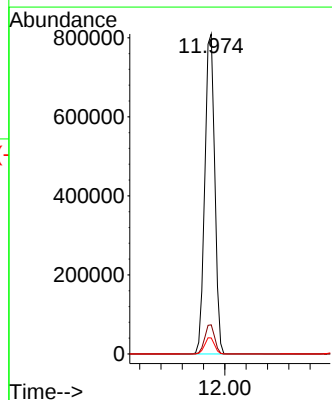
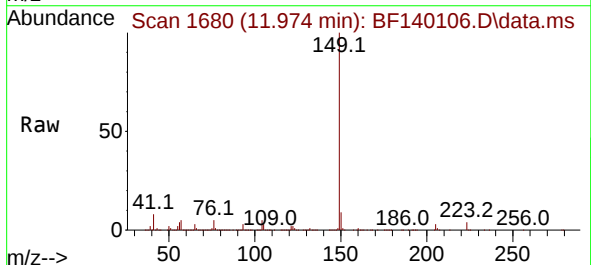
Instrument :
 BNA_F
 ClientSampleId :
 BP-F-18MSD

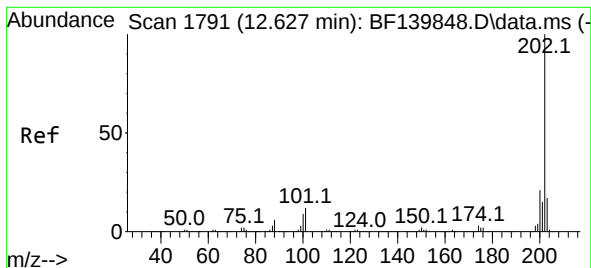
Tgt Ion:167 Resp: 808719
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 47.814 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF140106.D
 Acq: 29 Oct 2024 12:30

Tgt Ion:149 Resp: 1041388
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 39.920 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

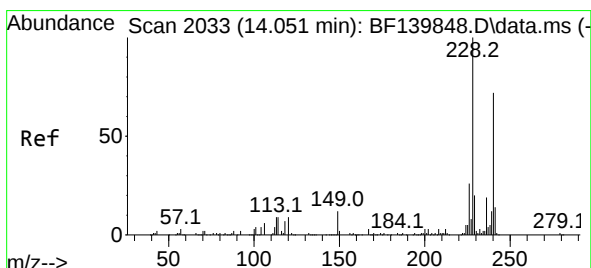
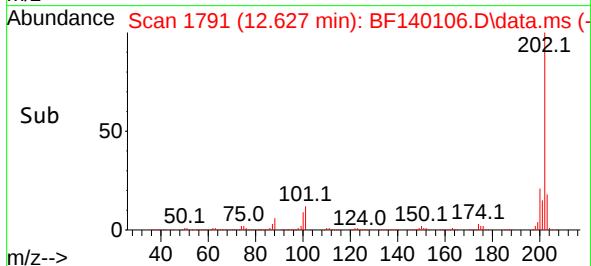
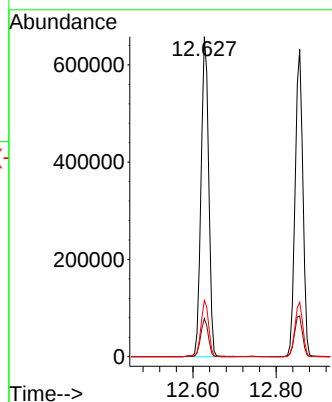
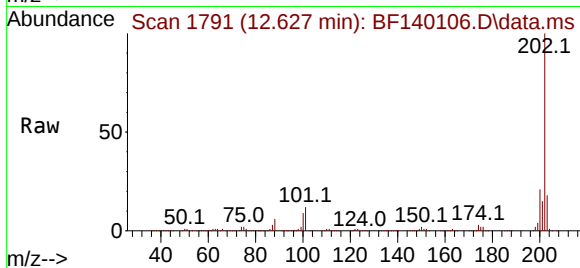
Tgt Ion:202 Resp: 838403

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.9

203 17.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

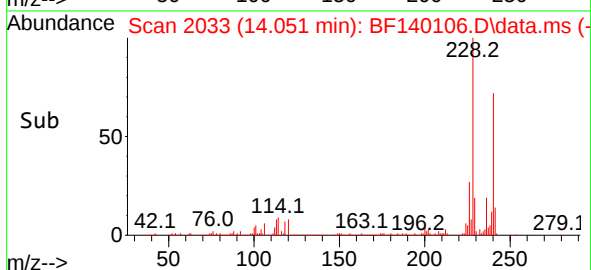
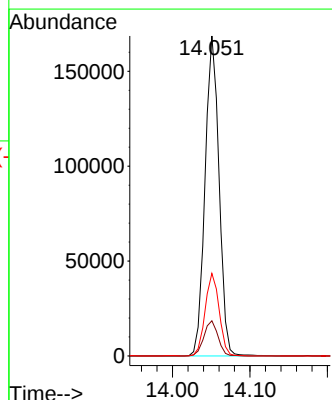
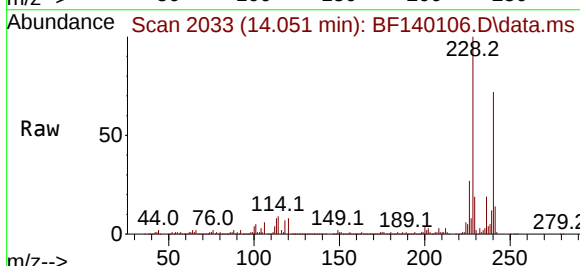
Tgt Ion:240 Resp: 211408

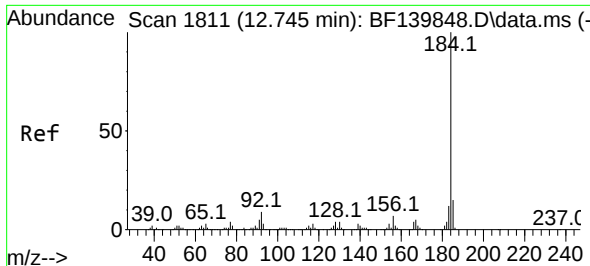
Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

236 25.8 20.9 31.3

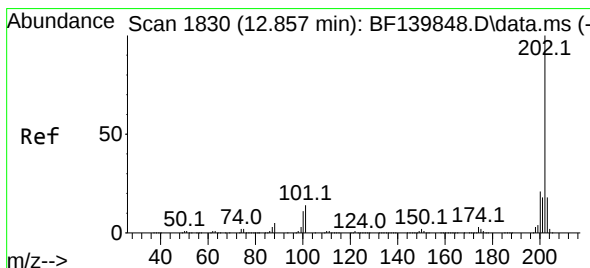
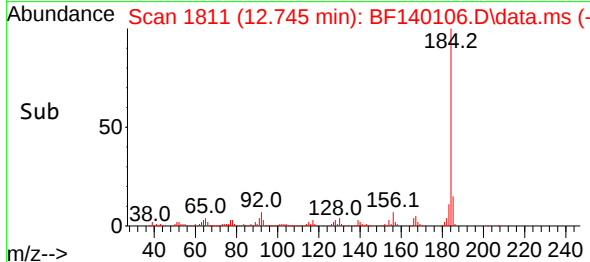
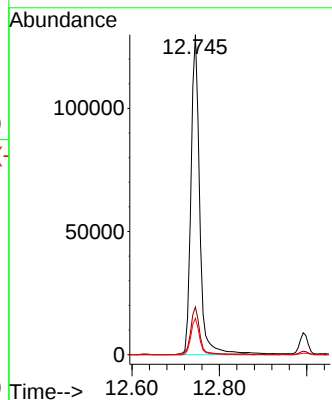
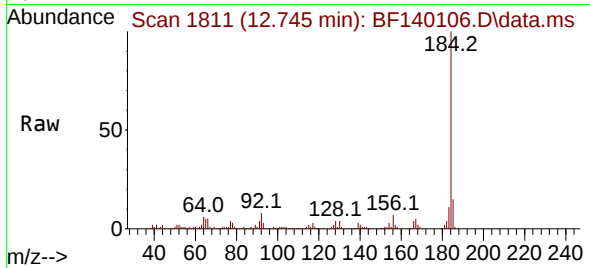




#77
Benzidine
Concen: 52.135 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

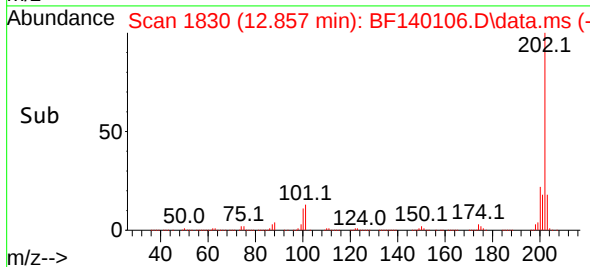
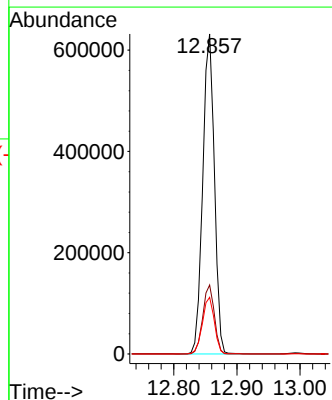
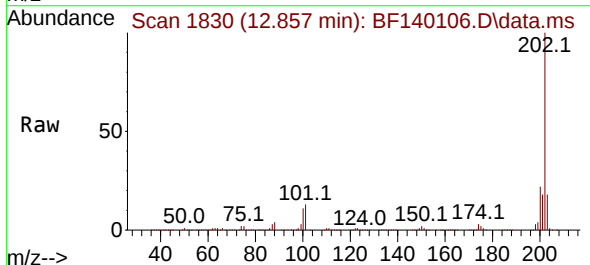
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

Tgt Ion:184 Resp: 181236
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 11.3 9.4 14.2



#78
Pyrene
Concen: 43.852 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:202 Resp: 811499
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 64.720 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

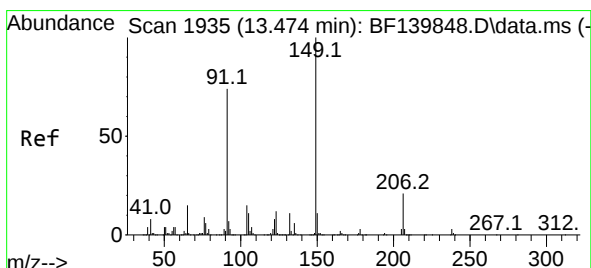
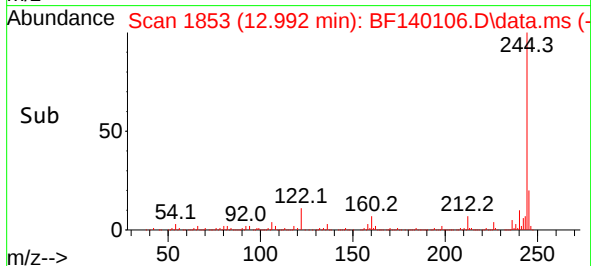
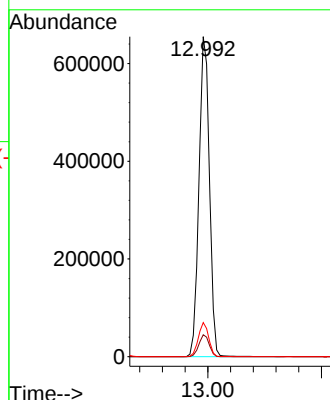
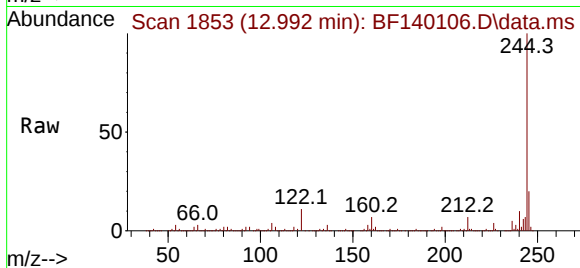
Tgt Ion:244 Resp: 839676

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.7 8.6 13.0



#80

Butylbenzylphthalate

Concen: 55.625 ng

RT: 13.468 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

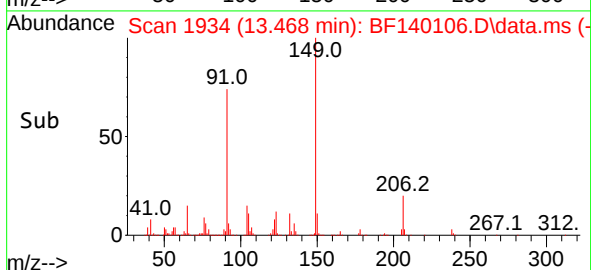
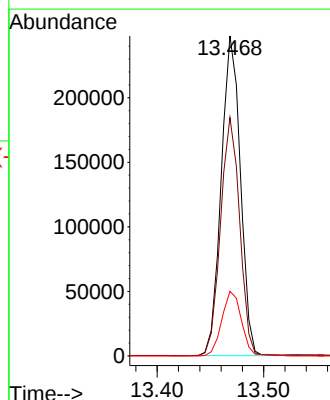
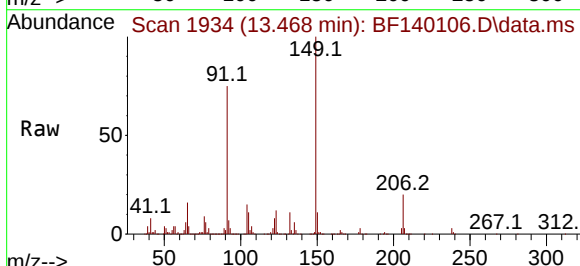
Tgt Ion:149 Resp: 308600

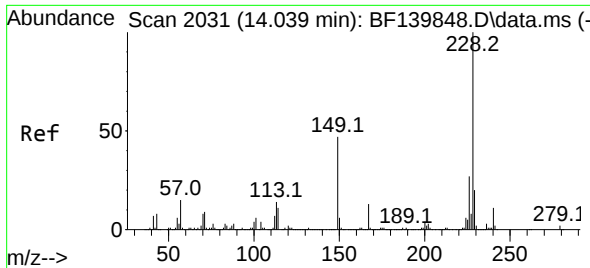
Ion Ratio Lower Upper

149 100

91 74.5 59.4 89.2

206 20.2 16.4 24.6

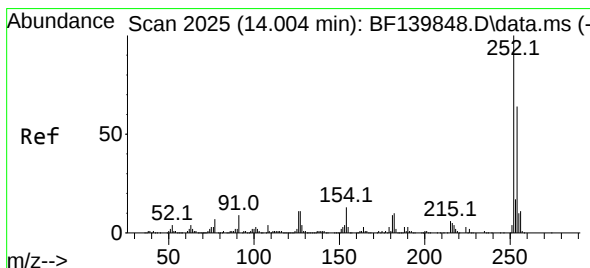
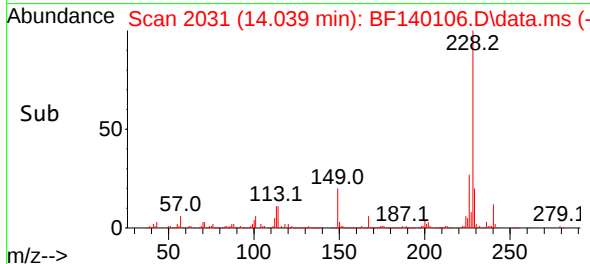
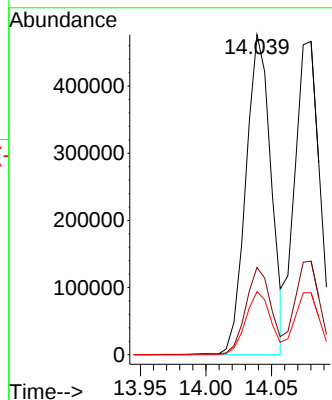
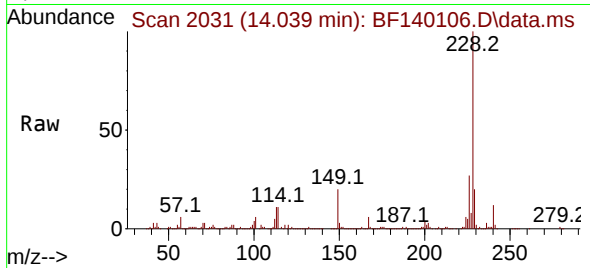




#81
Benzo(a)anthracene
Concen: 46.158 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

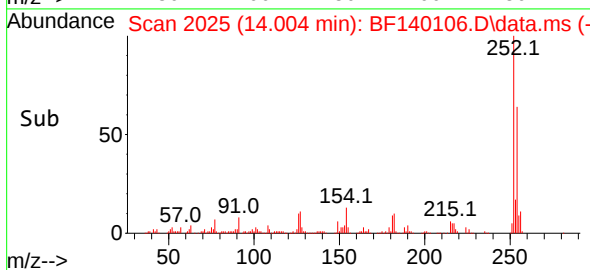
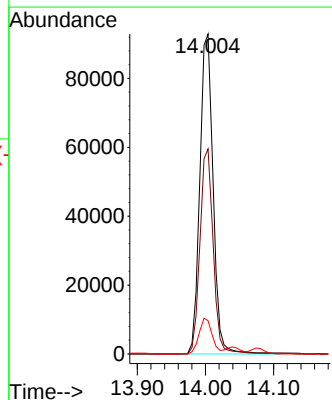
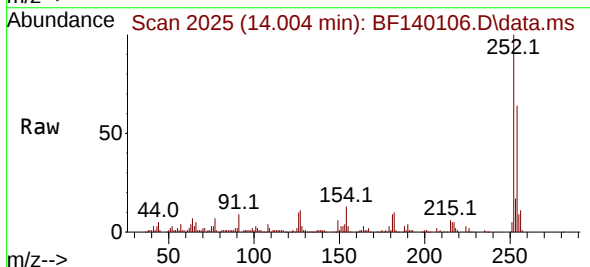
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

Tgt Ion:228 Resp: 635224
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 31.434 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:252 Resp: 126129
Ion Ratio Lower Upper
252 100
254 64.1 50.8 76.2
126 10.4 8.9 13.3





#83

Chrysene

Concen: 49.067 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

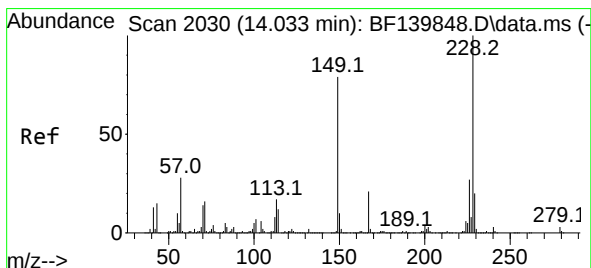
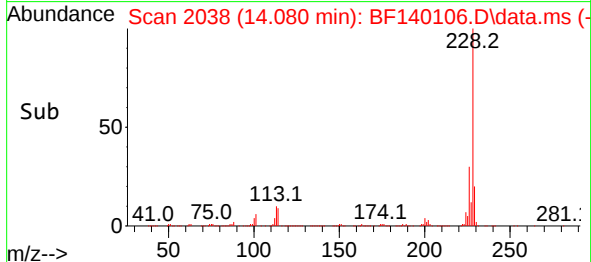
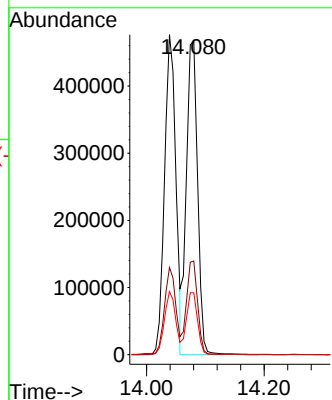
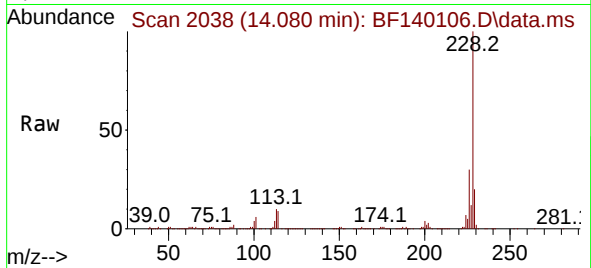
Tgt Ion:228 Resp: 619134

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.285 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

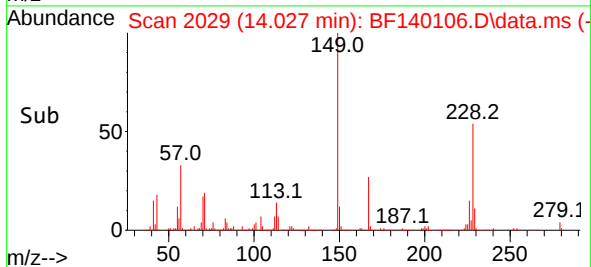
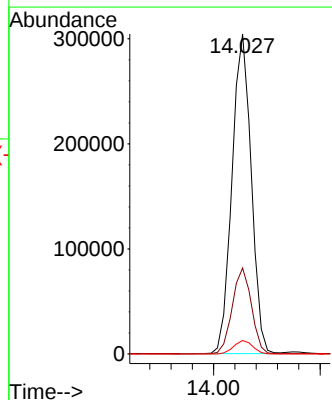
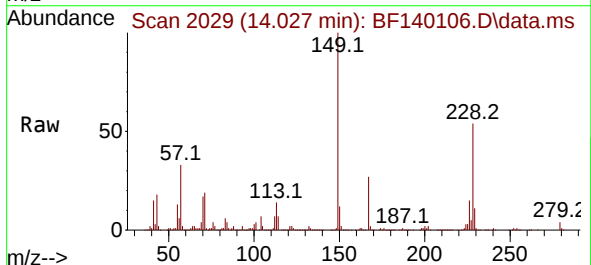
Tgt Ion:149 Resp: 381465

Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 57.175 ng

RT: 14.639 min Scan# 2133

Delta R.T. -0.012 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

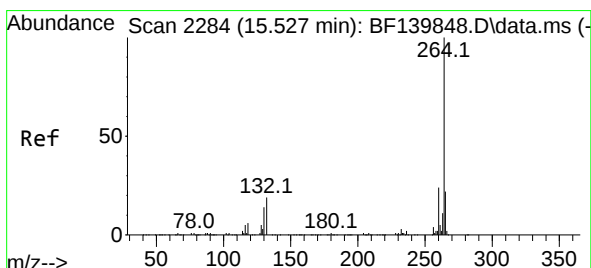
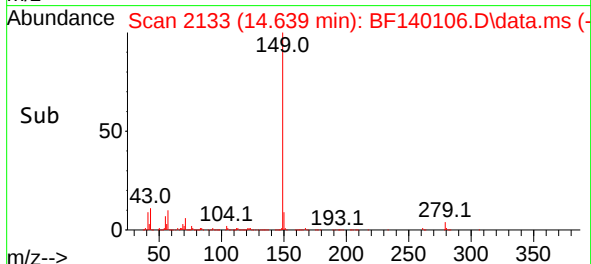
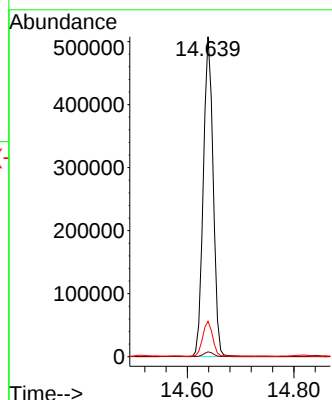
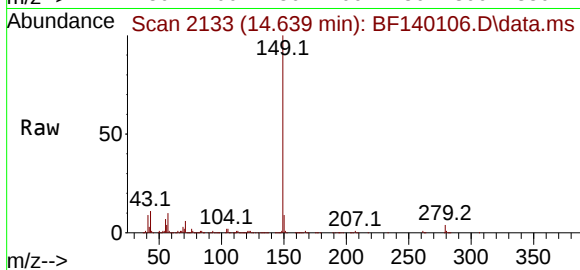
Tgt Ion:149 Resp: 647308

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

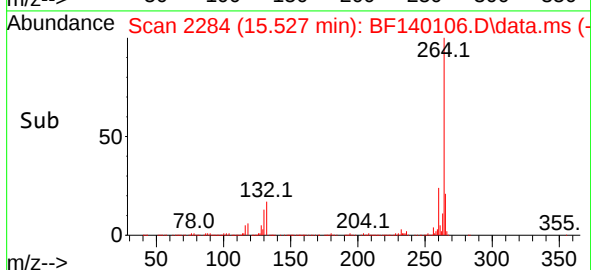
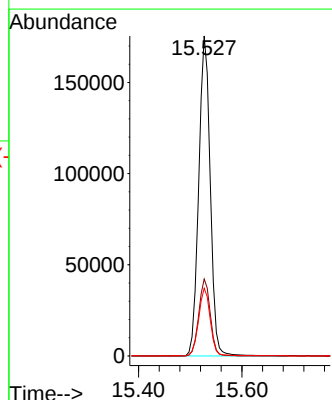
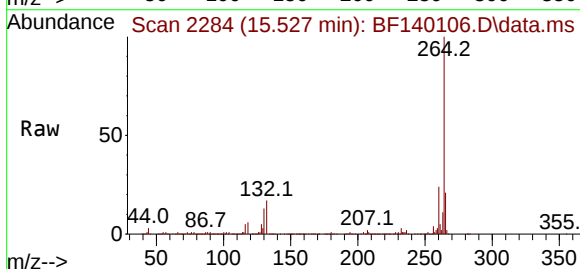
Tgt Ion:264 Resp: 270997

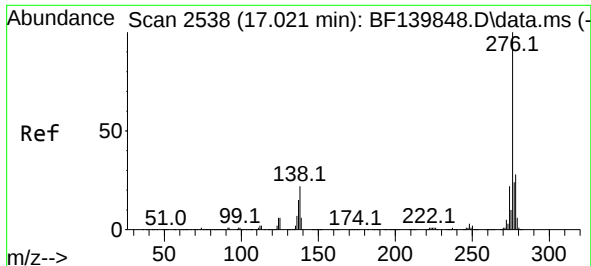
Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.1 17.4 26.0

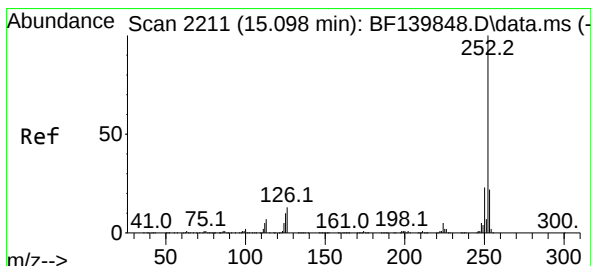
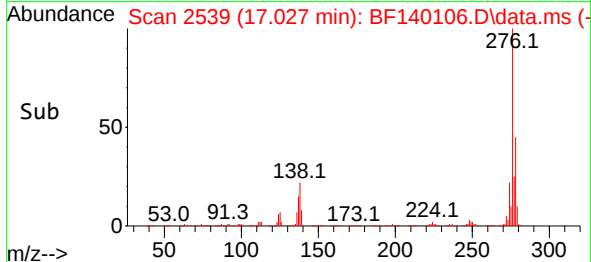
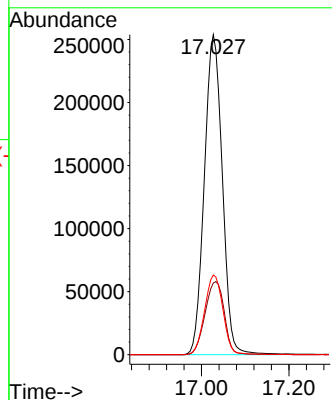
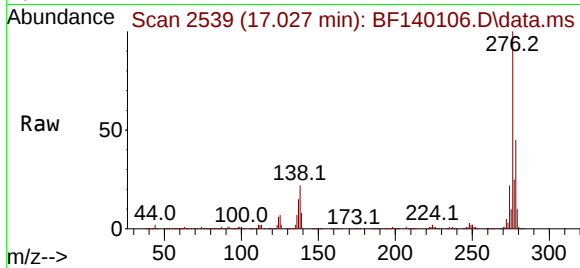




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.671 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

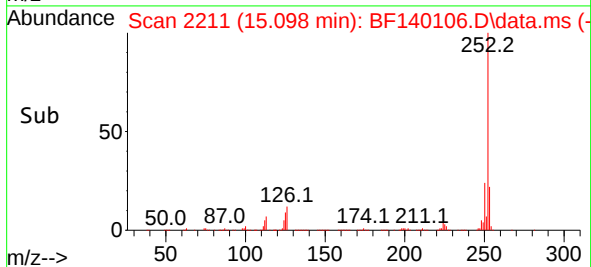
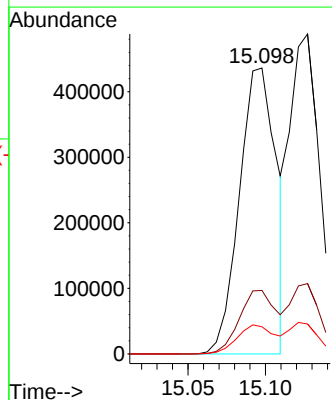
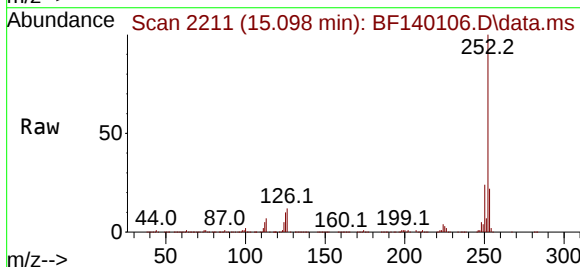
Instrument :
BNA_F
ClientSampleId :
BP-F-18MSD

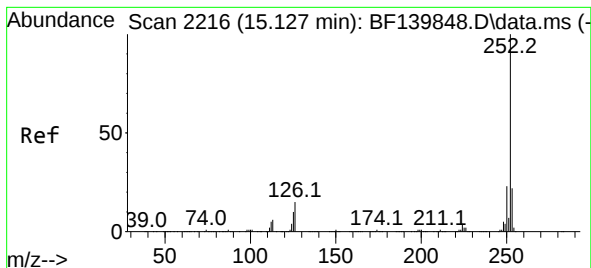
Tgt Ion:276 Resp: 726495
Ion Ratio Lower Upper
276 100
138 24.5 20.4 30.6
277 25.4 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 43.733 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140106.D
Acq: 29 Oct 2024 12:30

Tgt Ion:252 Resp: 721940
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.5 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.266 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

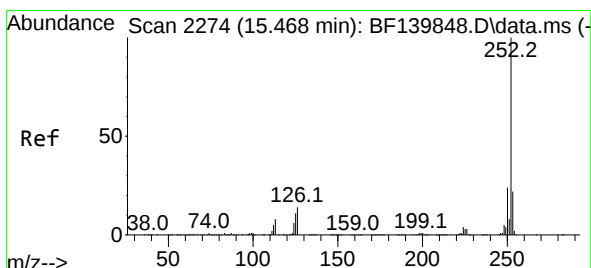
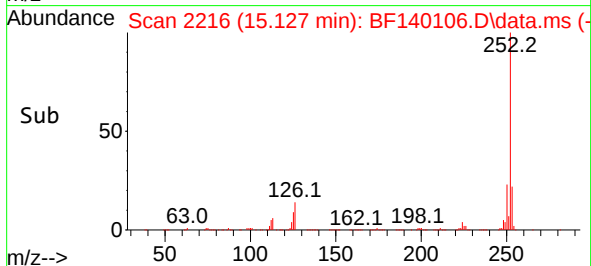
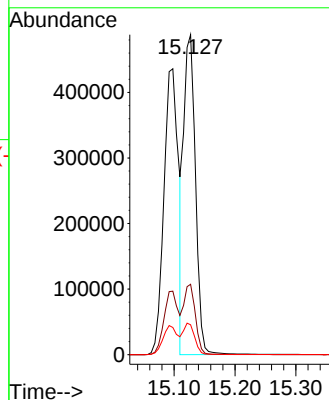
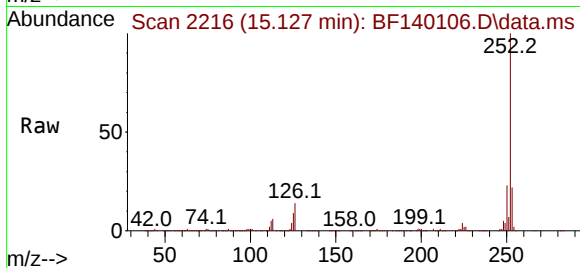
Tgt Ion:252 Resp: 658679

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.4 7.9 11.9



#90

Benzo(a)pyrene

Concen: 50.360 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

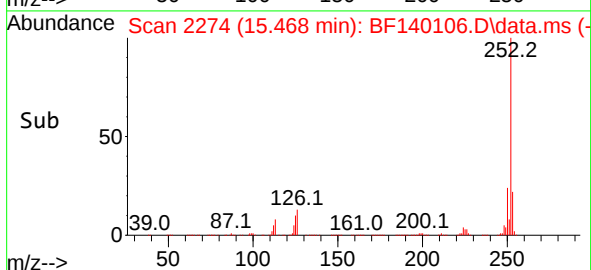
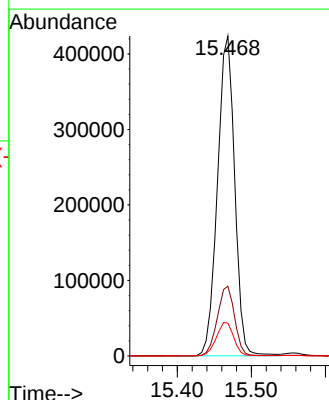
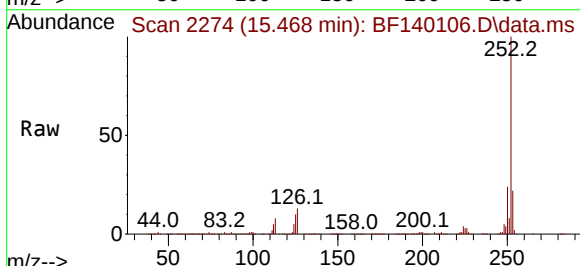
Tgt Ion:252 Resp: 684055

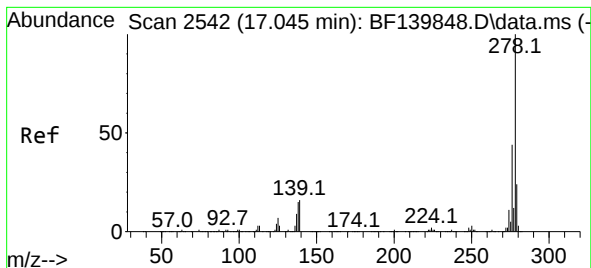
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.3 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 41.686 ng

RT: 17.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Instrument :

BNA_F

ClientSampleId :

BP-F-18MSD

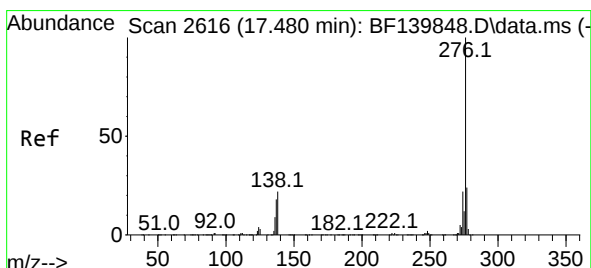
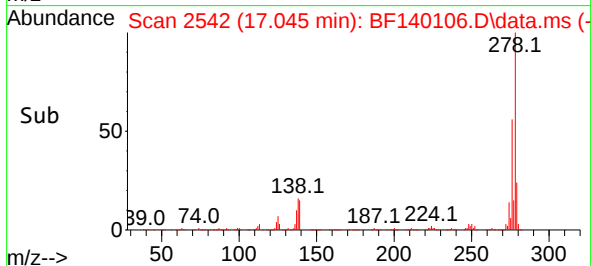
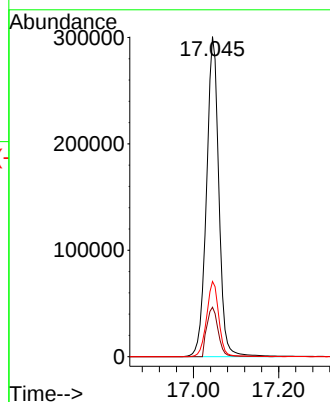
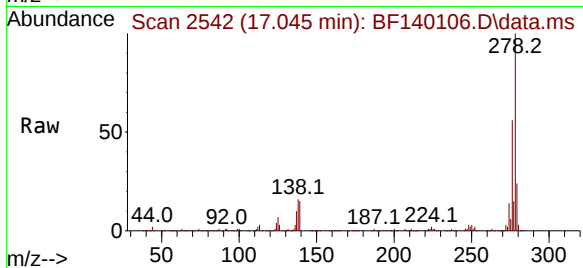
Tgt Ion:278 Resp: 606275

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

279 23.5 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 34.966 ng

RT: 17.480 min Scan# 2616

Delta R.T. 0.000 min

Lab File: BF140106.D

Acq: 29 Oct 2024 12:30

Tgt Ion:276 Resp: 507958

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 20.2 17.4 26.0

