

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140057.D
 Acq On : 26 Oct 2024 13:58
 Operator : RC/JU
 Sample : P4547-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-20MS

Quant Time: Oct 28 01:07:02 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	6.887	152	141513	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	556548	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	317233	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	543034	20.000	ng	0.00
76) Chrysene-d12	14.051	240	260710	20.000	ng	0.00
86) Perylene-d12	15.527	264	285198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	820534	90.772	ng	0.02
7) Phenol-d6	6.516	99	1067394	91.171	ng	0.00
23) Nitrobenzene-d5	7.451	82	666477	66.371	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	315066	106.179	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1180147	61.482	ng	0.00
79) Terphenyl-d14	12.998	244	1098755	68.674	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	163481	38.789	ng	96
3) Pyridine	3.534	79	421487	40.346	ng	96
4) n-Nitrosodimethylamine	3.487	42	229191	40.833	ng	99
6) Aniline	6.551	93	269365	24.687	ng	98
8) 2-Chlorophenol	6.675	128	399582	43.239	ng	97
9) Benzaldehyde	6.440	77	80183	12.174	ng	98
10) Phenol	6.528	94	513786	42.567	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	381599	40.903	ng	99
12) 1,3-Dichlorobenzene	6.834	146	427655	40.314	ng	98
13) 1,4-Dichlorobenzene	6.910	146	433619	40.914	ng	99
14) 1,2-Dichlorobenzene	7.057	146	421547	42.618	ng	98
15) Benzyl Alcohol	7.028	79	374711	43.632	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	628563	39.513	ng	97
17) 2-Methylphenol	7.140	107	332765	42.229	ng	98
18) Hexachloroethane	7.404	117	157555	41.689	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	291673	41.077	ng	95
20) 3+4-Methylphenols	7.287	107	411024	40.780	ng	91
22) Acetophenone	7.298	105	546224	40.070	ng	99
24) Nitrobenzene	7.469	77	444845	40.405	ng	100
25) Isophorone	7.710	82	806462	42.314	ng	99
26) 2-Nitrophenol	7.787	139	212287	51.111	ng	96
27) 2,4-Dimethylphenol	7.822	122	334505	48.299	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	475584	41.186	ng	100
29) 2,4-Dichlorophenol	8.028	162	337939	42.839	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	351789	40.302	ng	99
31) Naphthalene	8.192	128	1167784	40.685	ng	100
32) Benzoic acid	7.934	122	233878	38.718	ng	99
33) 4-Chloroaniline	8.234	127	71391	7.294	ng	98
34) Hexachlorobutadiene	8.310	225	229130	41.779	ng	98
35) Caprolactam	8.610	113	78986	31.490	ng	93
36) 4-Chloro-3-methylphenol	8.716	107	376264	43.076	ng	99
37) 2-Methylnaphthalene	8.886	142	746283	42.453	ng	100
38) 1-Methylnaphthalene	8.986	142	692977	40.179	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	357398	41.760	ng	99
41) Hexachlorocyclopentadiene	9.039	237	397201	133.382	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	263544	43.494	ng	99

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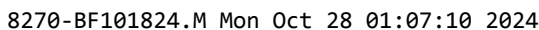
Instrument :
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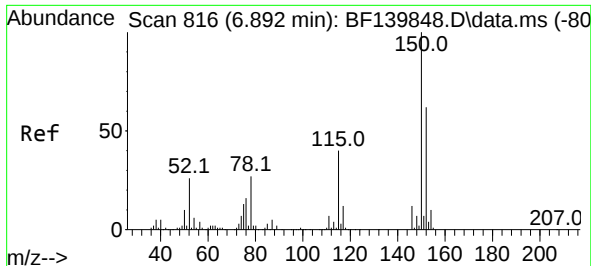
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	261831	41.883	ng	97
46) 1,1'-Biphenyl	9.351	154	897739	40.651	ng	99
47) 2-Chloronaphthalene	9.375	162	722337	40.611	ng	100
48) 2-Nitroaniline	9.469	65	247740	45.541	ng	92
49) Acenaphthylene	9.792	152	1115565	43.383	ng	99
50) Dimethylphthalate	9.651	163	848076	42.919	ng	100
51) 2,6-Dinitrotoluene	9.710	165	187243	43.765	ng	98
52) Acenaphthene	9.963	154	771182	46.360	ng	99
53) 3-Nitroaniline	9.875	138	83523	18.931	ng	97
54) 2,4-Dinitrophenol	9.986	184	181712	100.411	ng	# 1
55) Dibenzofuran	10.133	168	987172	41.362	ng	99
56) 4-Nitrophenol	10.033	139	284342	83.767	ng	97
57) 2,4-Dinitrotoluene	10.116	165	252272	47.949	ng	98
58) Fluorene	10.480	166	741599	40.796	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	215904	44.055	ng	98
60) Diethylphthalate	10.351	149	822061	42.372	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	386856	42.141	ng	99
62) 4-Nitroaniline	10.492	138	176142	42.270	ng	98
63) Azobenzene	10.628	77	922575	44.854	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	132583	59.857	ng	91
66) n-Nitrosodiphenylamine	10.586	169	692666	42.618	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	248603	44.439	ng	97
68) Hexachlorobenzene	11.022	284	268605	42.692	ng	99
69) Atrazine	11.110	200	226459	51.437	ng	99
70) Pentachlorophenol	11.216	266	307411	80.506	ng	100
71) Phenanthrene	11.439	178	1063947	41.478	ng	100
72) Anthracene	11.492	178	1103909	44.109	ng	99
73) Carbazole	11.645	167	917821	39.433	ng	99
74) Di-n-butylphthalate	11.974	149	1182778	43.984	ng	100
75) Fluoranthene	12.627	202	983519	37.929	ng	99
77) Benzidine	12.745	184	230453	53.757	ng	99
78) Pyrene	12.857	202	962217	42.164	ng	100
80) Butylbenzylphthalate	13.469	149	378474	55.318	ng	98
81) Benzo(a)anthracene	14.039	228	726535	42.809	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	110608	22.353	ng	99
83) Chrysene	14.080	228	637684	40.980	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	475998	62.011	ng	100
85) Di-n-octyl phthalate	14.645	149	747779	53.559	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	702784	38.304	ng	98
88) Benzo(b)fluoranthene	15.098	252	691475	39.802	ng	99
89) Benzo(k)fluoranthene	15.127	252	677714	45.233	ng	99
90) Benzo(a)pyrene	15.468	252	662337	46.333	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	588503	38.449	ng	98
92) Benzo(g,h,i)perylene	17.480	276	492985	32.245	ng	98

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

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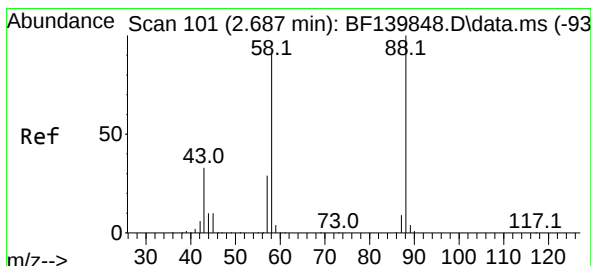
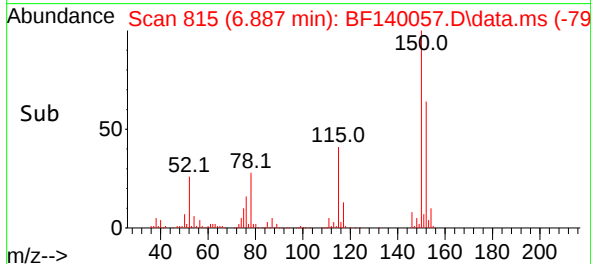
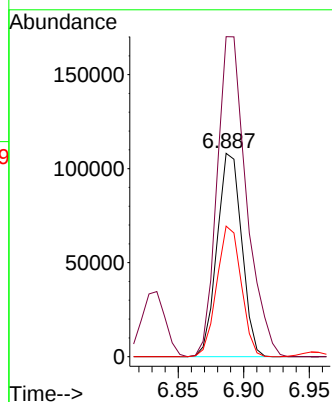
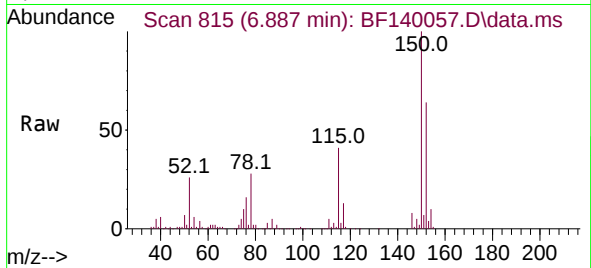




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

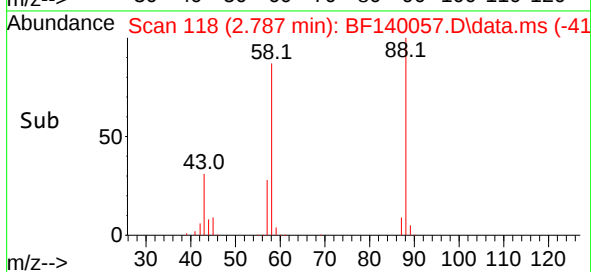
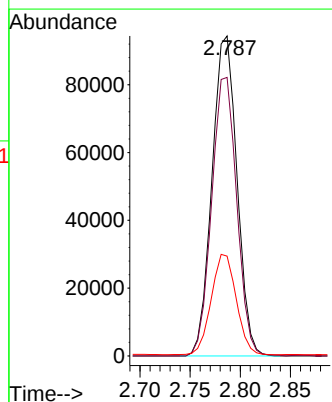
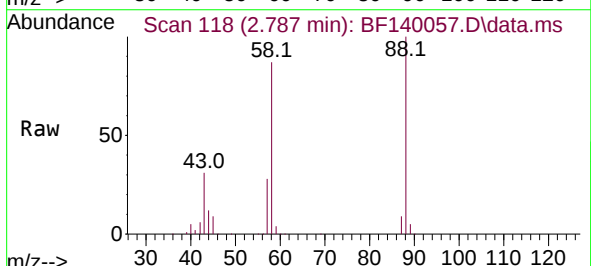
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BP-F-20MS

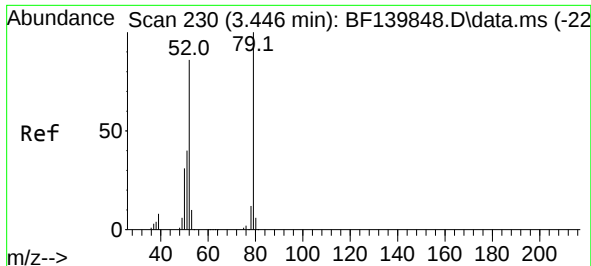
Tgt Ion:152 Resp: 141513
Ion Ratio Lower Upper
152 100
150 157.3 130.2 195.2
115 64.1 51.4 77.2



#2
1,4-Dioxane
Concen: 38.789 ng
RT: 2.787 min Scan# 118
Delta R.T. 0.100 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion: 88 Resp: 163481
Ion Ratio Lower Upper
88 100
58 87.4 73.3 109.9
43 31.3 27.1 40.7





#3

Pyridine

Concen: 40.346 ng

RT: 3.534 min Scan# 24

Delta R.T. 0.088 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

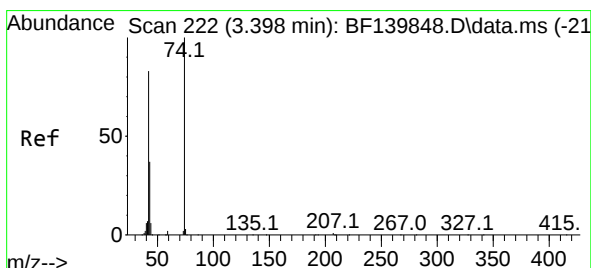
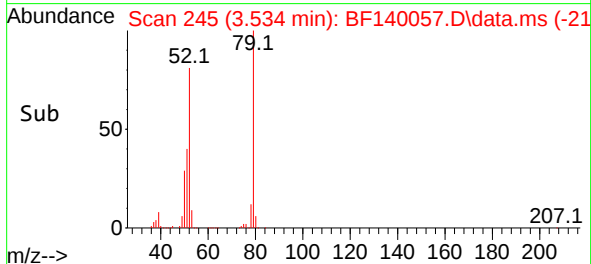
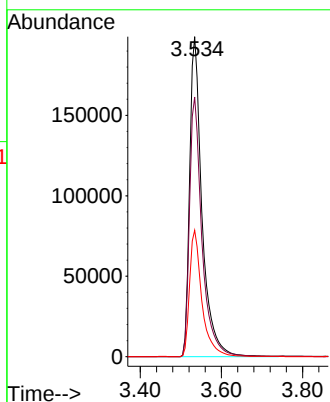
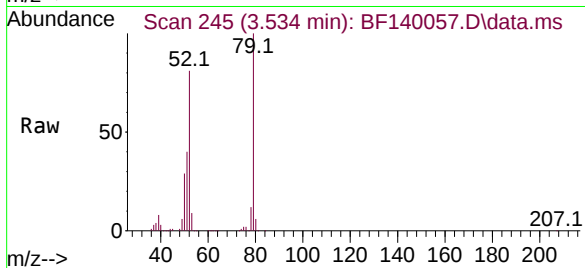
Tgt Ion: 79 Resp: 421487

Ion Ratio Lower Upper

79 100

52 81.1 68.5 102.7

51 39.5 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 40.833 ng

RT: 3.487 min Scan# 237

Delta R.T. 0.088 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

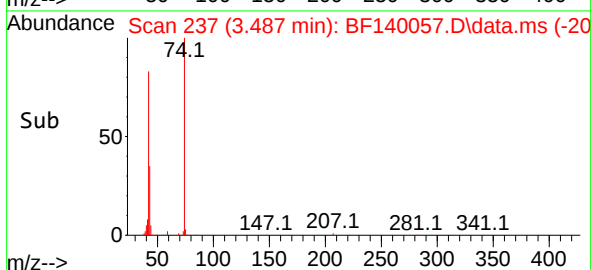
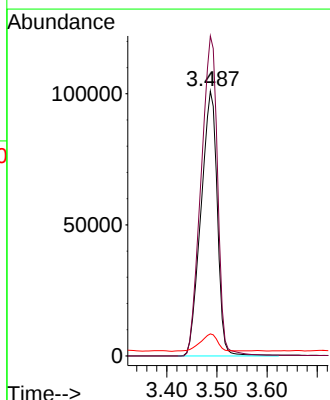
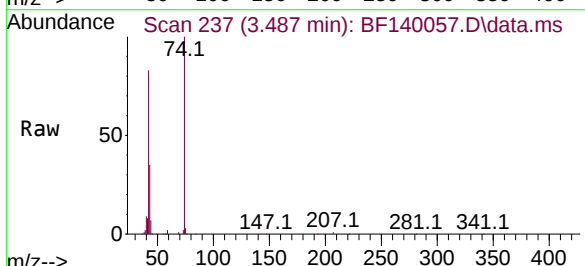
Tgt Ion: 42 Resp: 229191

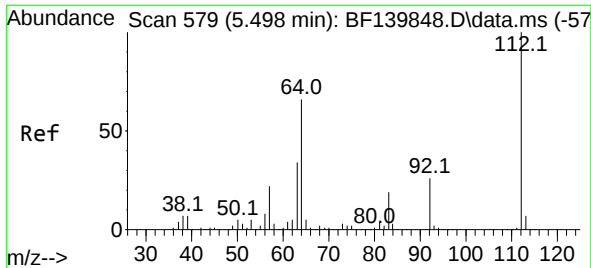
Ion Ratio Lower Upper

42 100

74 120.9 96.2 144.4

44 8.3 6.2 9.2

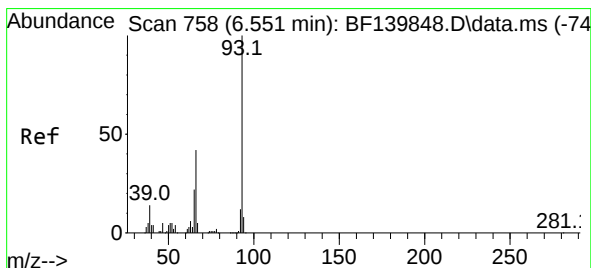
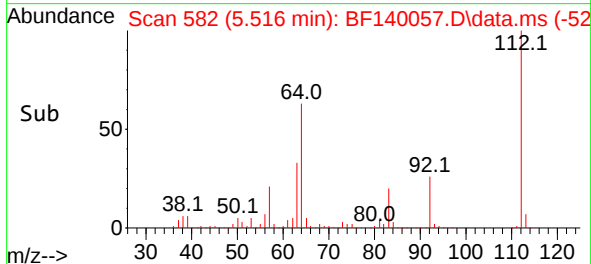
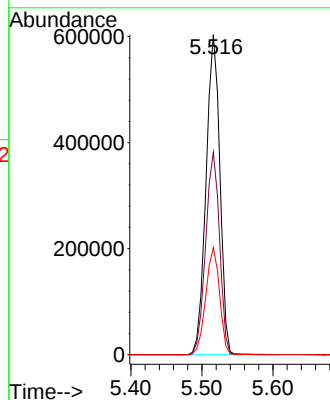
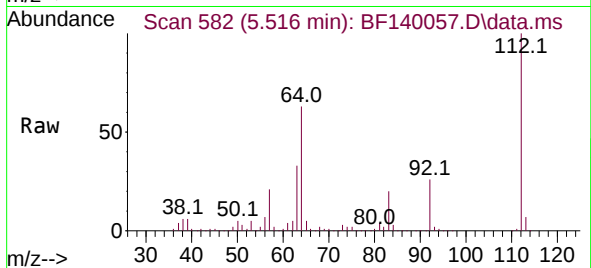




#5
2-Fluorophenol
Concen: 90.772 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

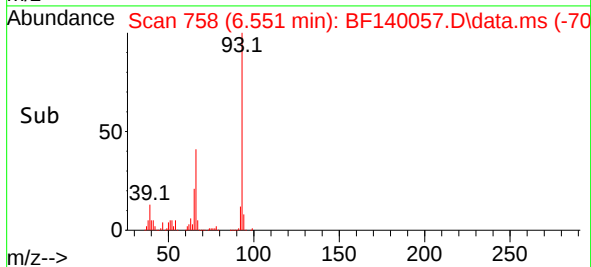
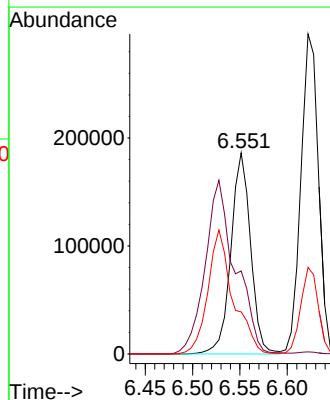
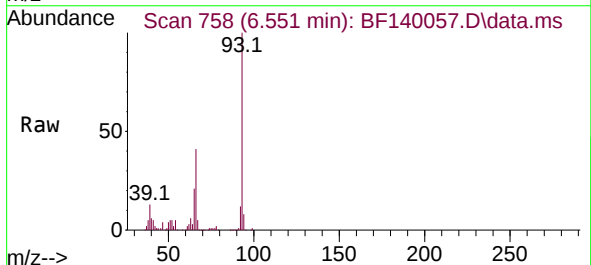
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

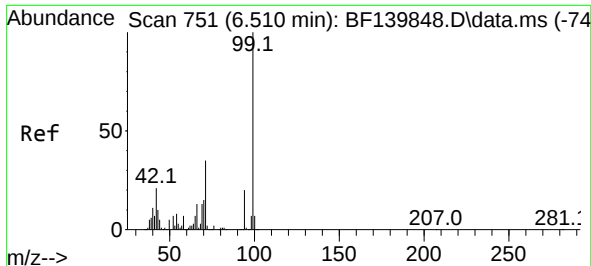
Tgt Ion:112 Resp: 820534
Ion Ratio Lower Upper
112 100
64 63.3 53.0 79.6
63 33.4 27.0 40.4



#6
Aniline
Concen: 24.687 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion: 93 Resp: 269365
Ion Ratio Lower Upper
93 100
66 41.3 34.0 51.0
65 20.9 17.4 26.0





#7

Phenol-d6

Concen: 91.171 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

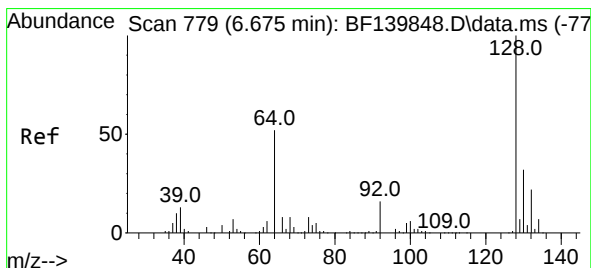
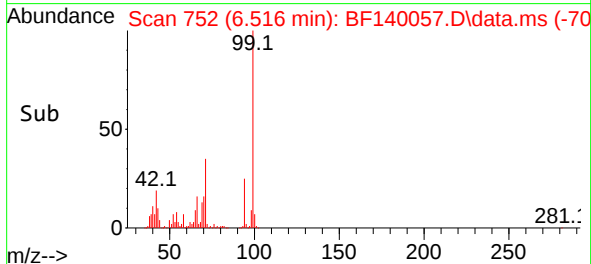
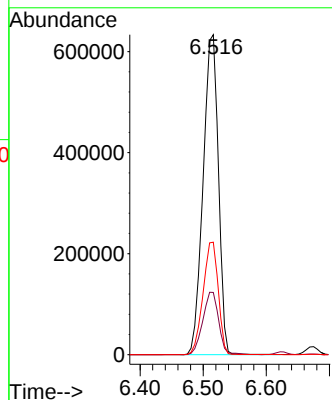
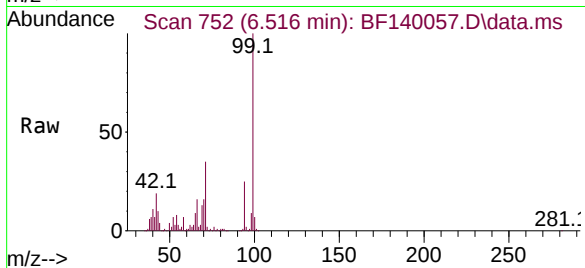
BNA_F

ClientSampleId :

BP-F-20MS

Tgt Ion: 99 Resp: 1067394

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.7	25.1
71	35.2	27.7	41.5



#8

2-Chlorophenol

Concen: 43.239 ng

RT: 6.675 min Scan# 779

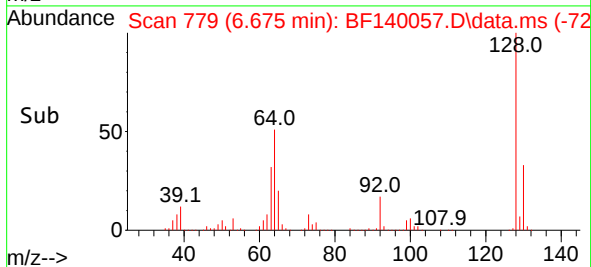
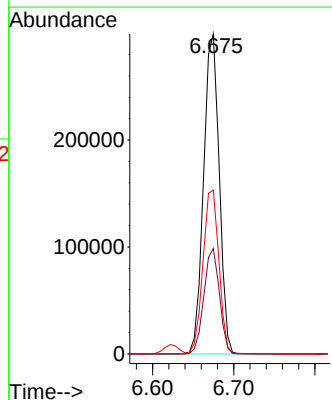
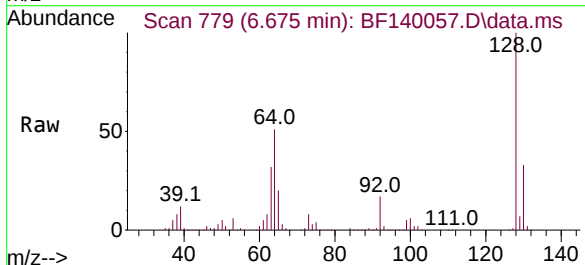
Delta R.T. 0.000 min

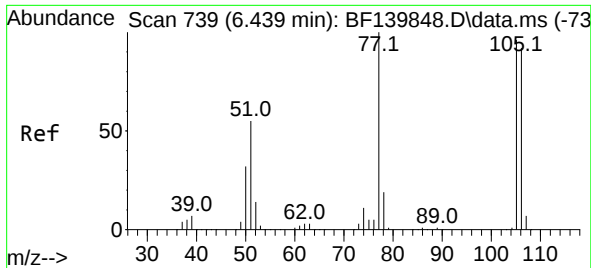
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Tgt Ion:128 Resp: 399582

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	51.2	34.6	74.6

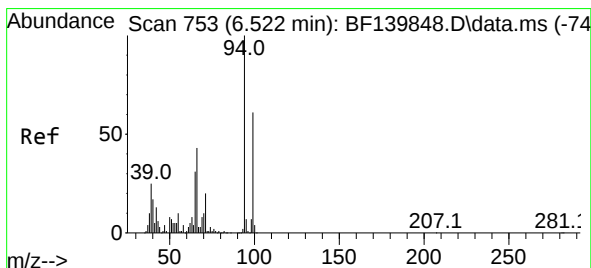
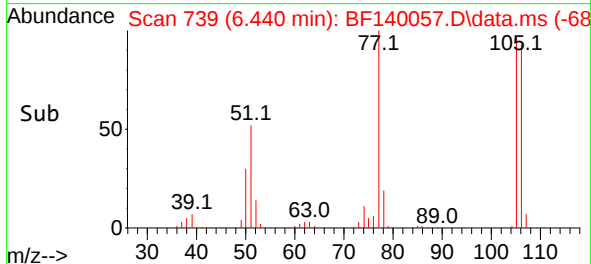
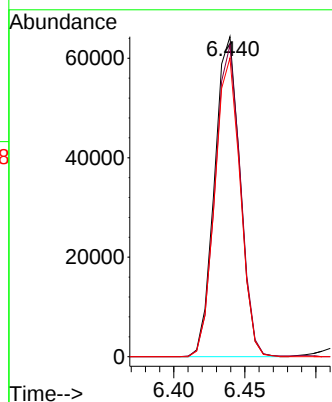
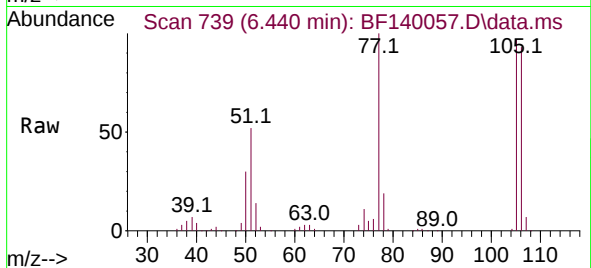




#9
Benzaldehyde
Concen: 12.174 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

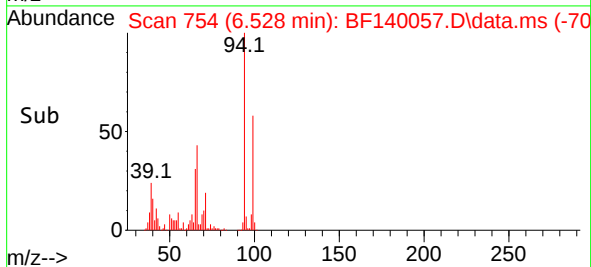
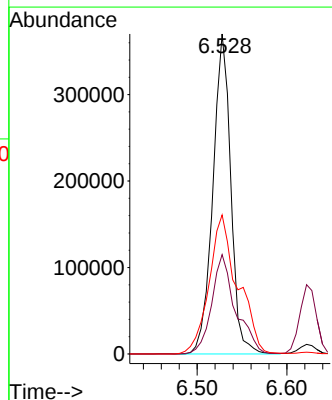
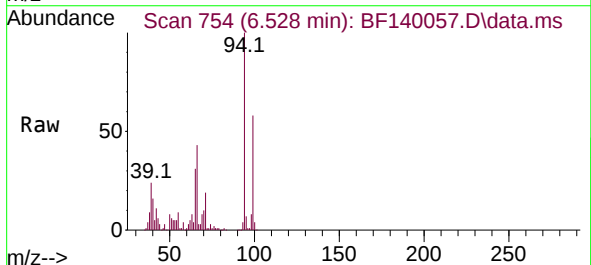
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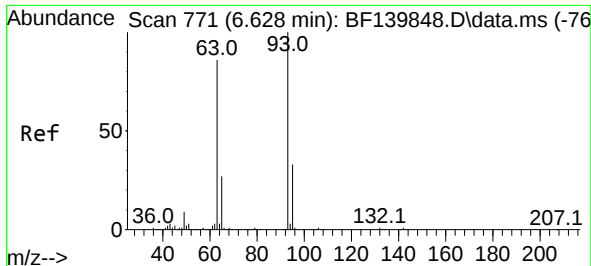
Tgt Ion: 77	Resp: 80183		
Ion Ratio	Lower	Upper	
77 100			
105 97.4	75.5	115.5	
106 93.4	71.7	111.7	



#10
Phenol
Concen: 42.567 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion: 94	Resp: 513786
Ion Ratio	Lower Upper
94 100	
65 31.0	11.1 51.1
66 43.5	22.7 62.7

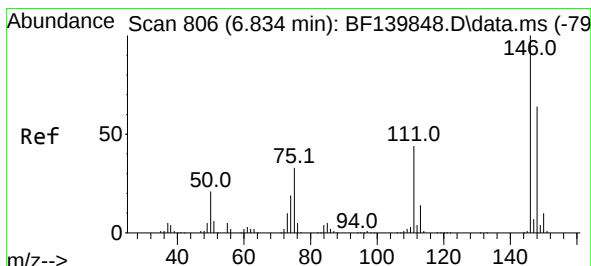
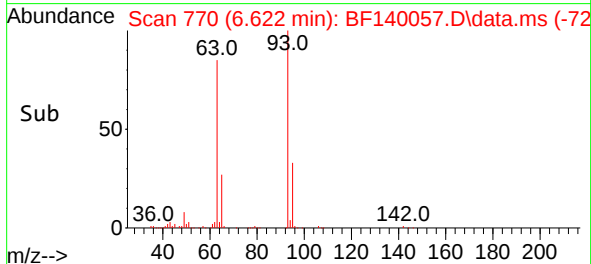
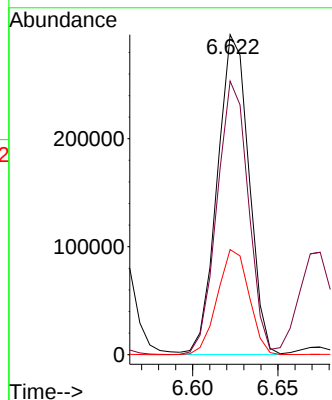
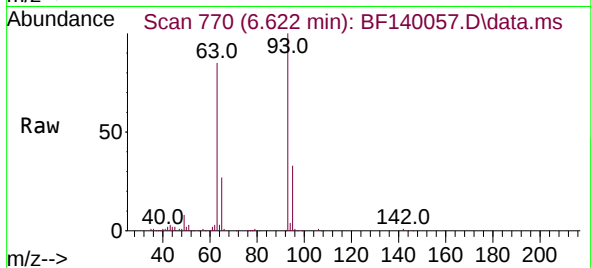




#11
bis(2-Chloroethyl)ether
Concen: 40.903 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

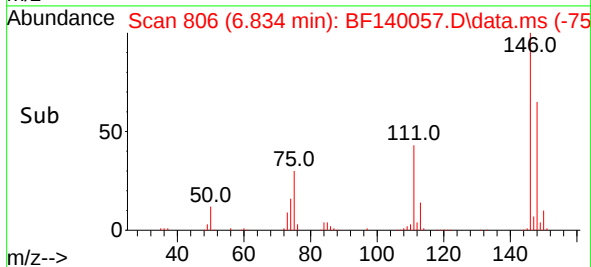
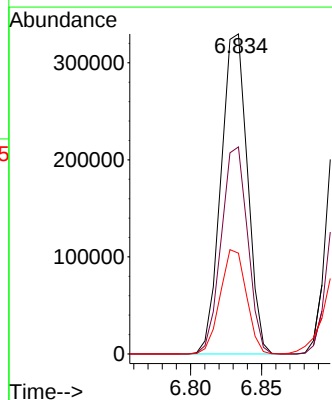
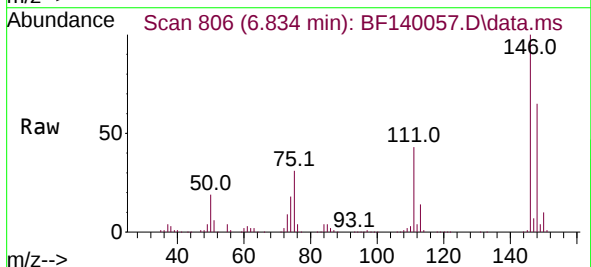
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

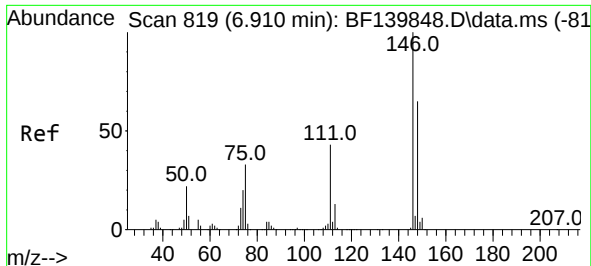
Tgt Ion: 93 Resp: 381599
Ion Ratio Lower Upper
93 100
63 85.5 65.0 105.0
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.314 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:146 Resp: 427655
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
75 31.5 26.4 39.6

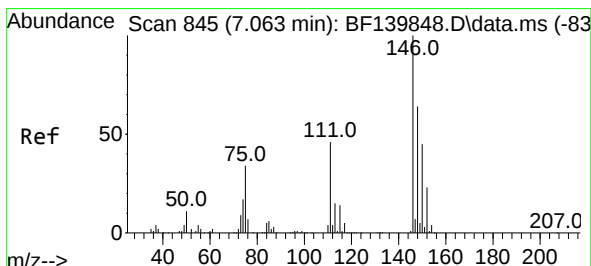
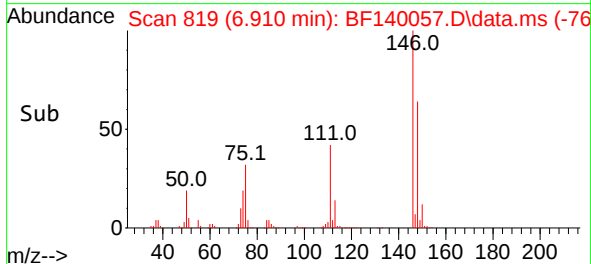
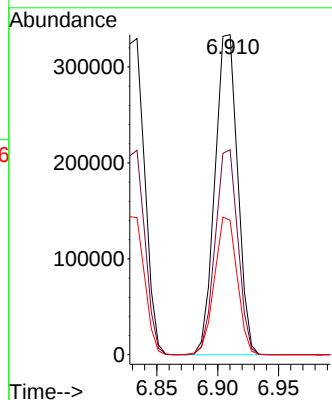
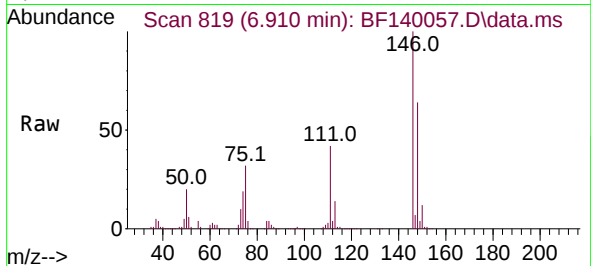




#13
1,4-Dichlorobenzene
Concen: 40.914 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

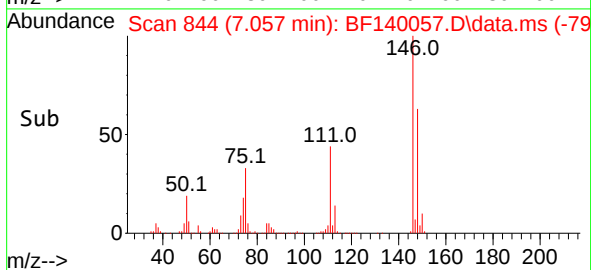
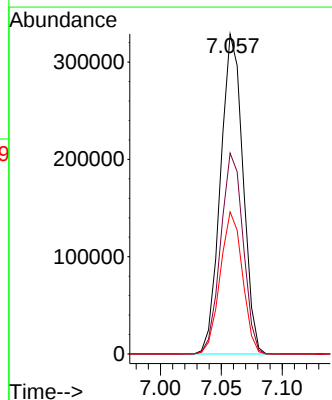
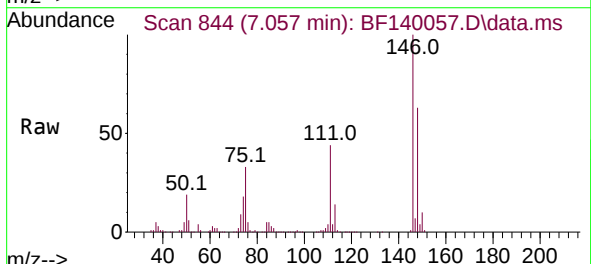
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

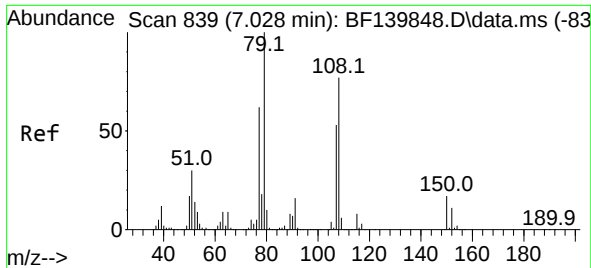
Tgt Ion:146 Resp: 433619
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 42.0 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 42.618 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:146 Resp: 421547
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.2
111 44.4 36.7 55.1

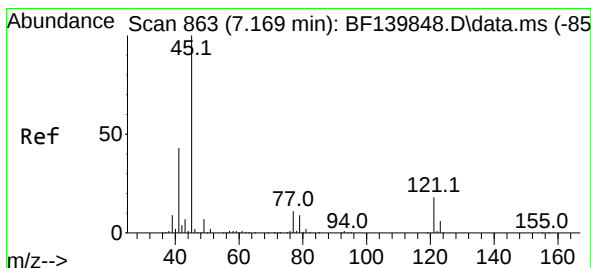
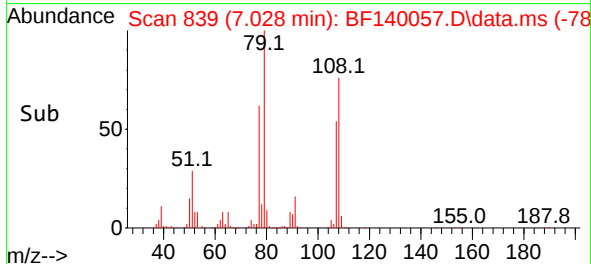
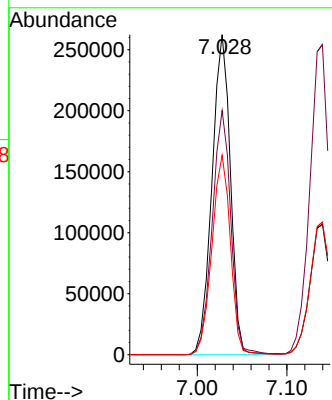
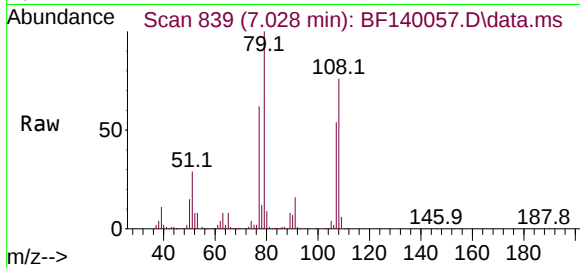




#15
Benzyl Alcohol
Concen: 43.632 ng
RT: 7.028 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

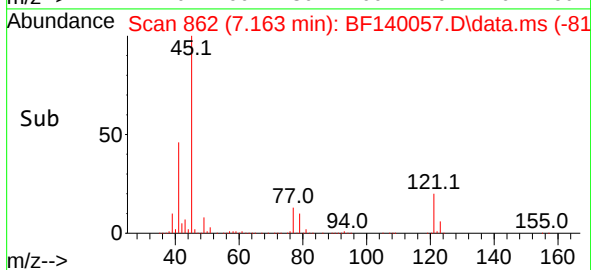
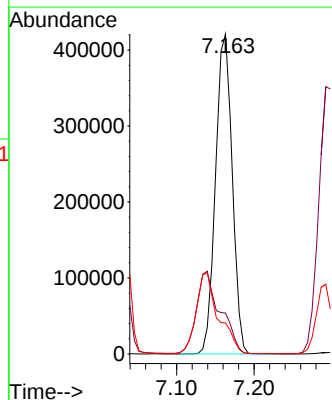
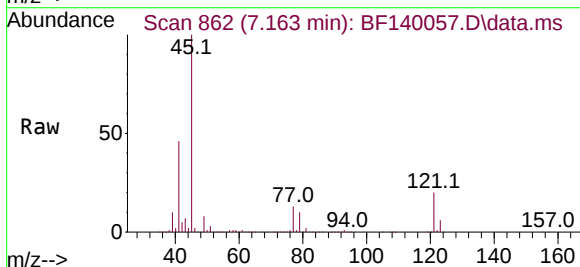
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

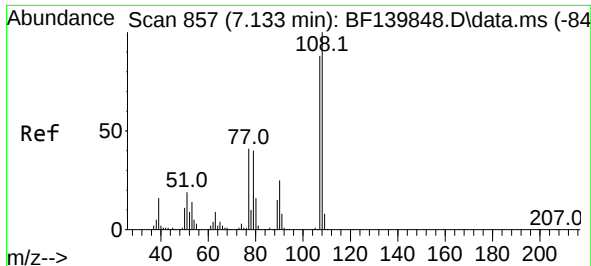
Tgt Ion: 79 Resp: 374711
Ion Ratio Lower Upper
79 100
108 76.3 61.4 92.0
77 62.4 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.513 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion: 45 Resp: 628563
Ion Ratio Lower Upper
45 100
77 12.8 0.0 31.5
79 9.7 0.0 29.1

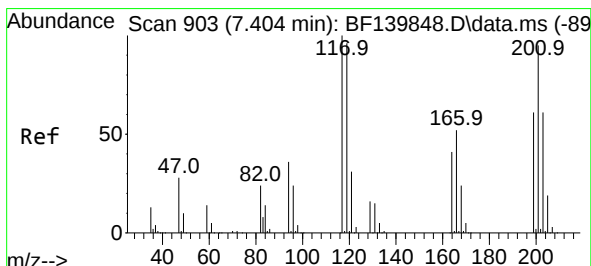
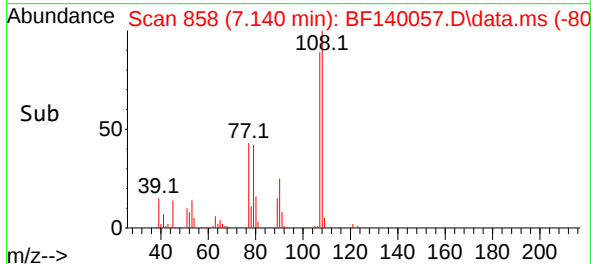
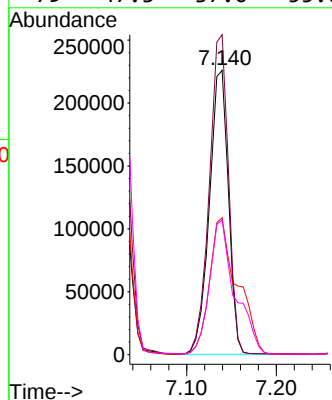
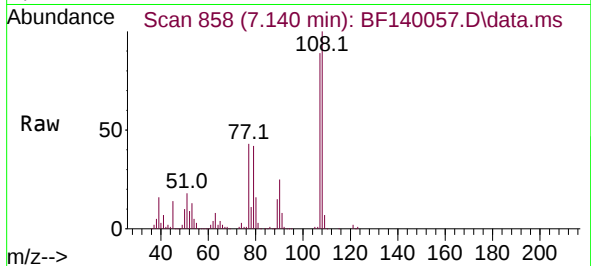




#17
2-Methylphenol
Concen: 42.229 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

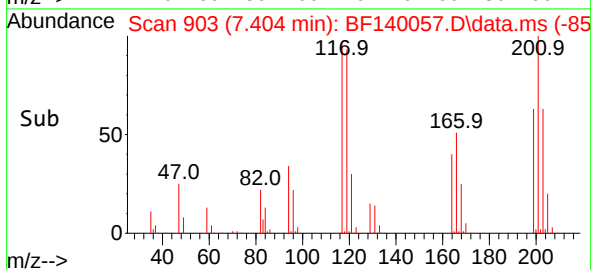
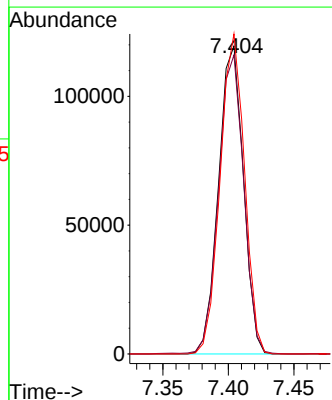
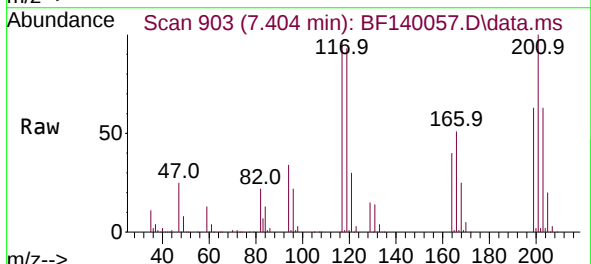
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

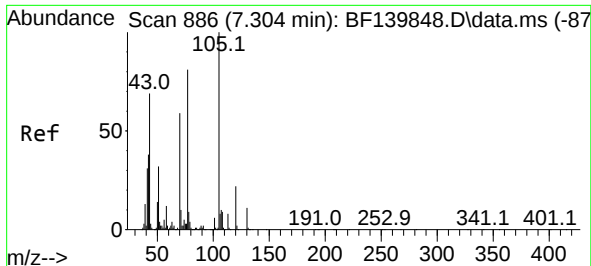
Tgt Ion:	107	Resp:	332765
Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.3	136.9
77	48.1	37.1	55.7
79	47.3	37.0	55.6



#18
Hexachloroethane
Concen: 41.689 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:	117	Resp:	157555
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.0	115.4
201	103.9	76.2	114.4



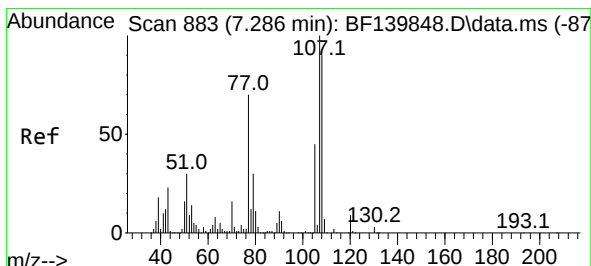
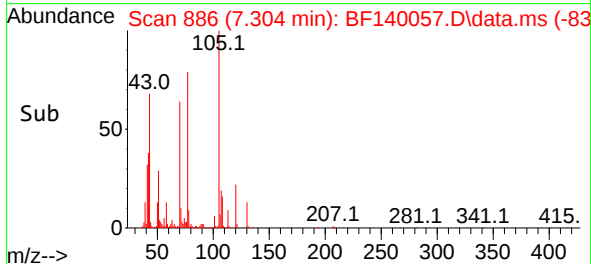
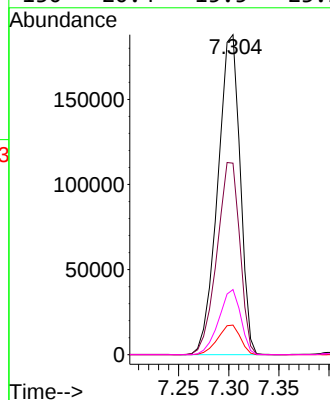
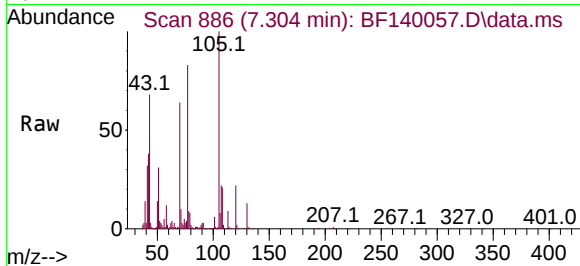


#19
n-Nitroso-di-n-propylamine
Concen: 41.077 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

Tgt Ion: 70 Resp: 291673

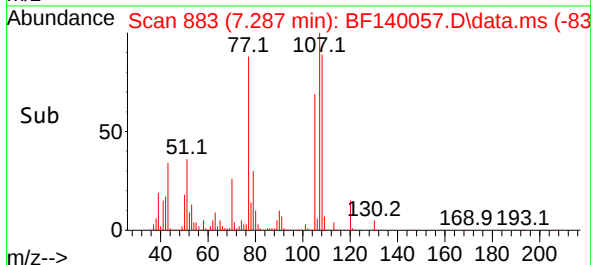
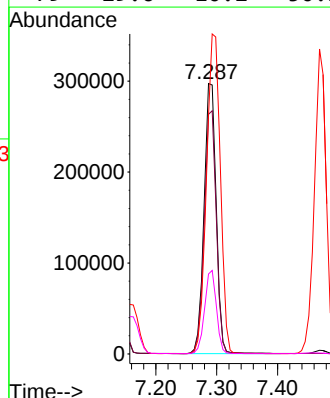
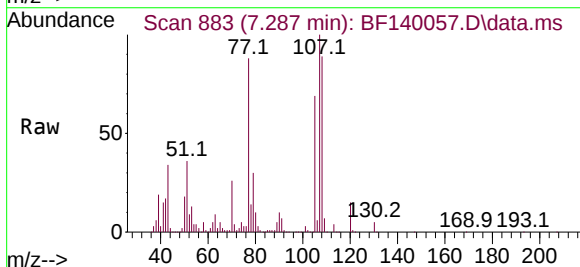
Ion	Ratio	Lower	Upper
70	100		
42	59.8	51.5	77.3
101	9.2	7.5	11.3
130	20.4	15.5	23.3

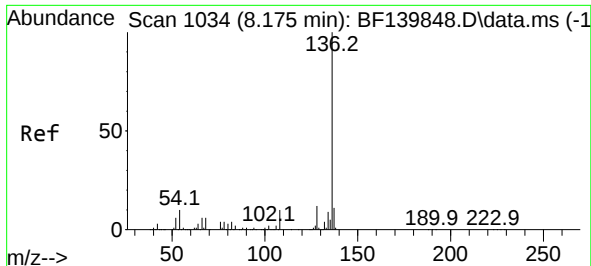


#20
3+4-Methylphenols
Concen: 40.780 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion: 107 Resp: 411024

Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.8	109.8
77	88.1	50.5	90.5
79	29.6	10.2	50.2

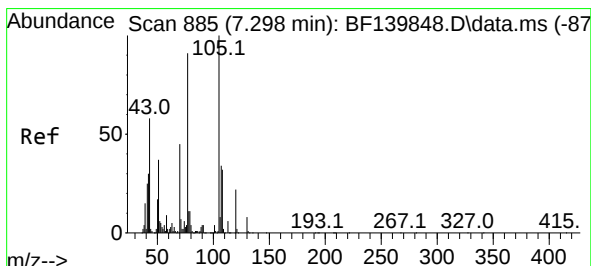
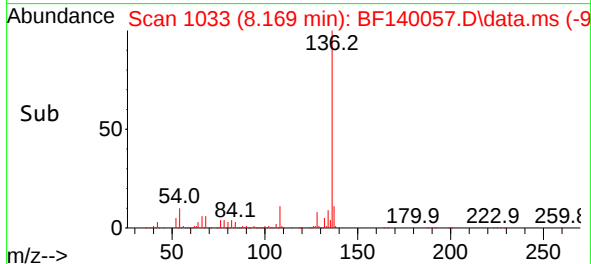
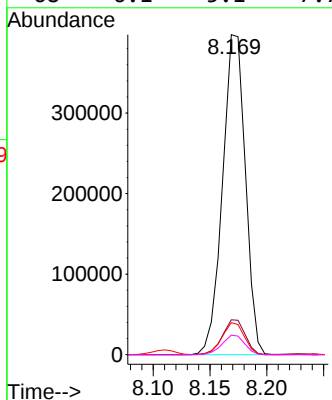
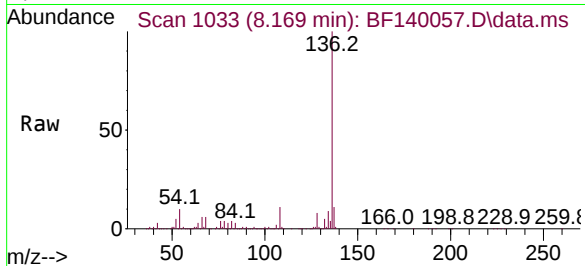




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

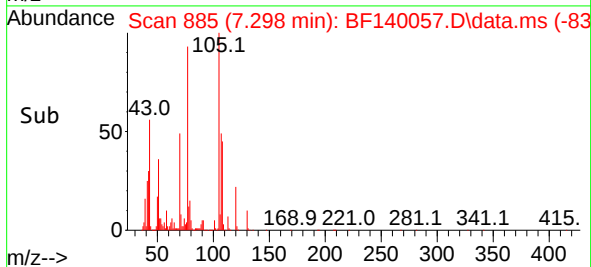
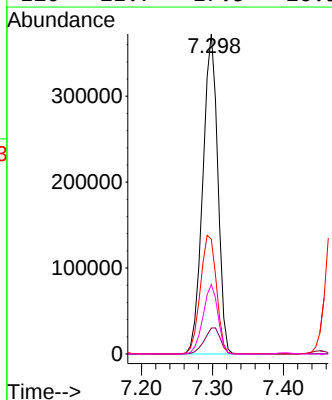
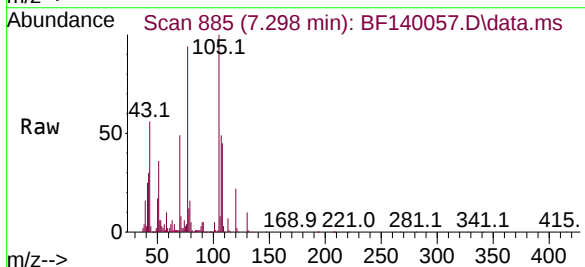
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

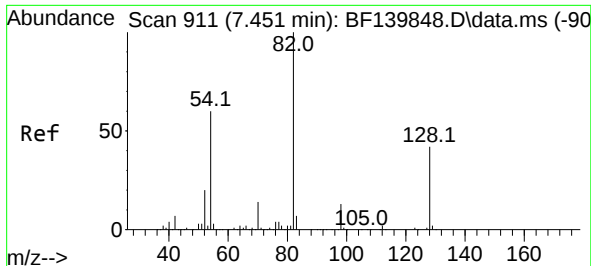
Tgt Ion:136	Resp: 556548
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 12.8
54 10.0	8.4 12.6
68 6.1	5.1 7.7



#22
Acetophenone
Concen: 40.070 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt	Ion:105	Resp:	546224
Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.9	8.9
51	35.9	29.4	44.2
120	21.7	17.5	26.3





#23

Nitrobenzene-d5

Concen: 66.371 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

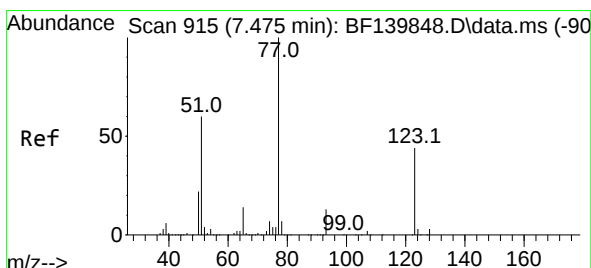
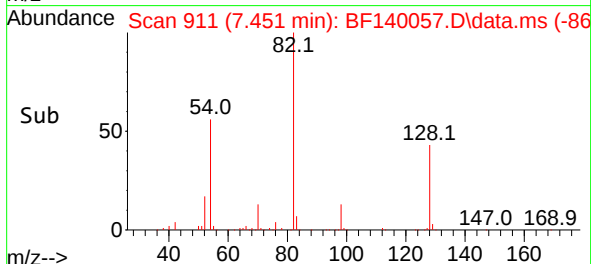
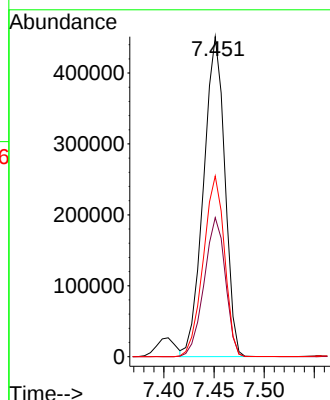
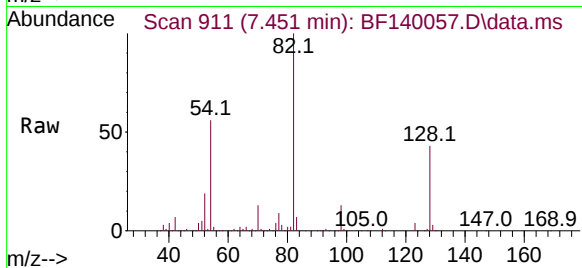
Tgt Ion: 82 Resp: 666477

Ion Ratio Lower Upper

82 100

128 43.5 33.4 50.0

54 56.4 47.8 71.8



#24

Nitrobenzene

Concen: 40.405 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

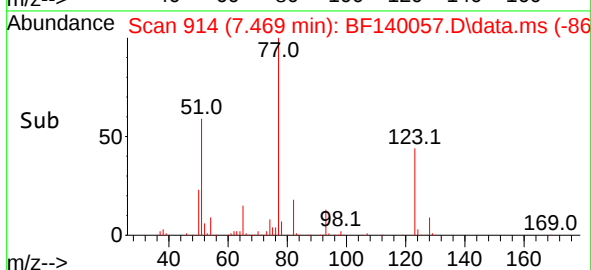
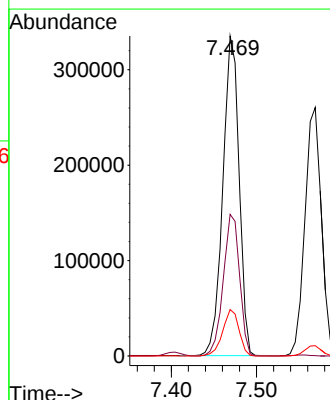
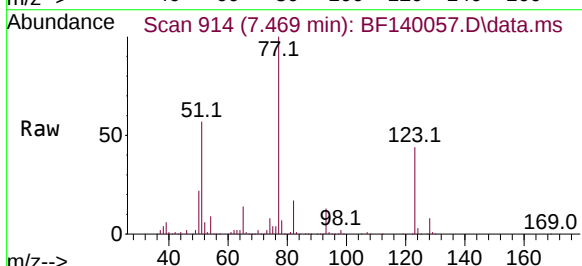
Tgt Ion: 77 Resp: 444845

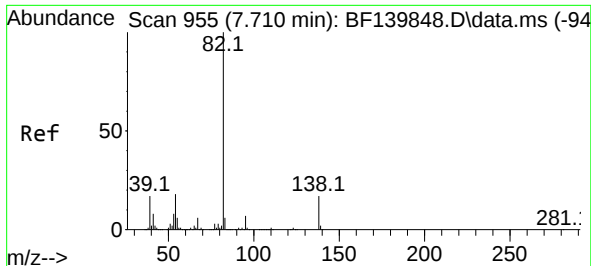
Ion Ratio Lower Upper

77 100

123 44.3 35.7 53.5

65 14.5 11.5 17.3

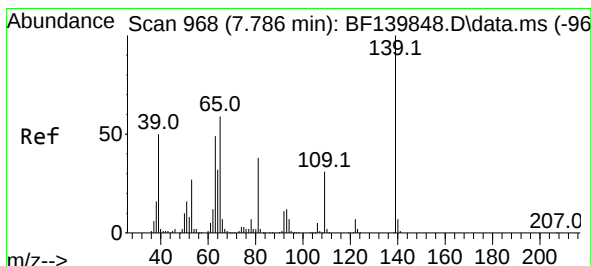
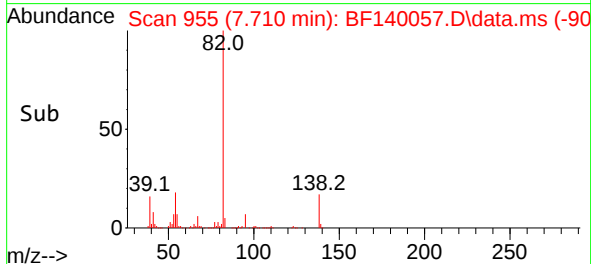
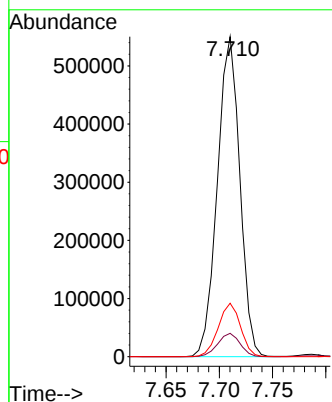
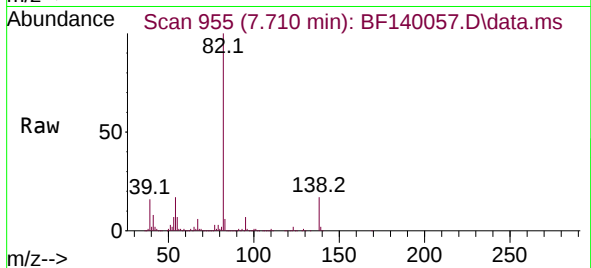




#25
Isophorone
Concen: 42.314 ng
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

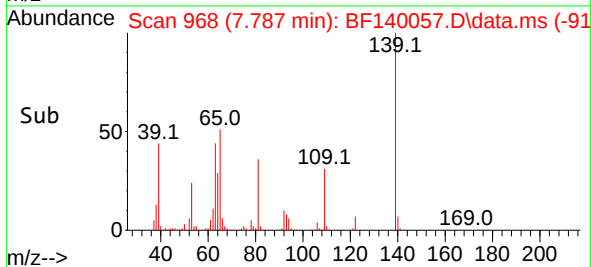
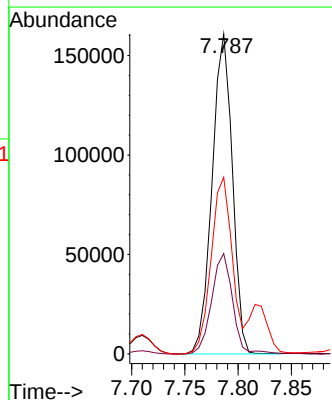
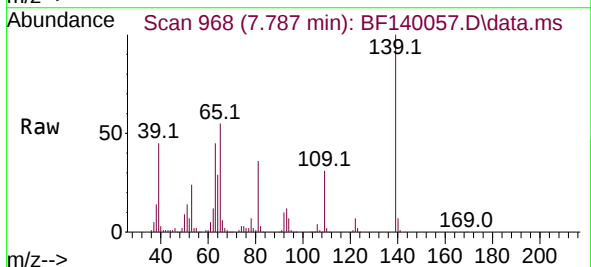
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

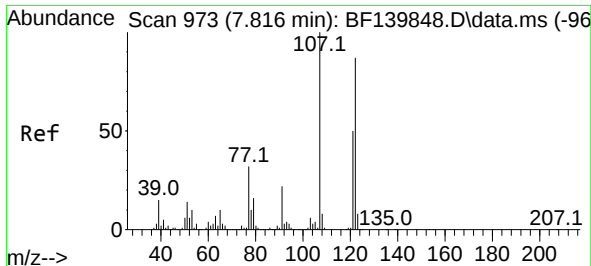
Tgt Ion: 82 Resp: 806462
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.7 13.2 19.8



#26
2-Nitrophenol
Concen: 51.111 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

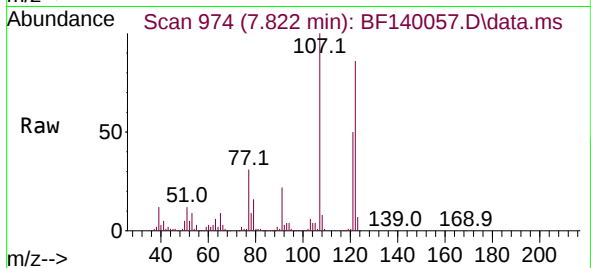
Tgt Ion:139 Resp: 212287
Ion Ratio Lower Upper
139 100
109 31.3 25.1 37.7
65 55.2 47.5 71.3



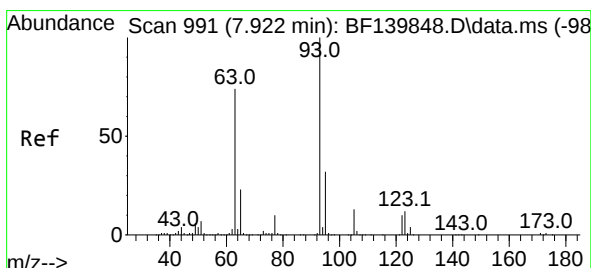
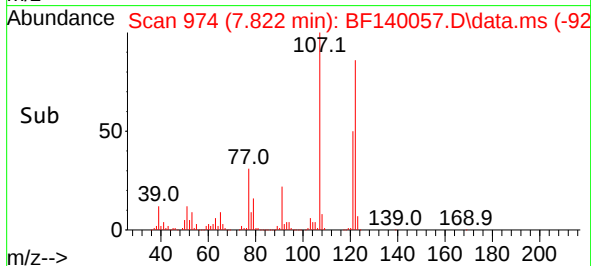
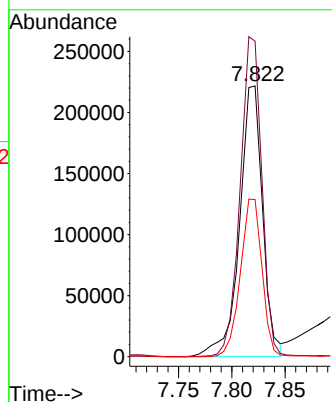


#27
2,4-Dimethylphenol
Concen: 48.299 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

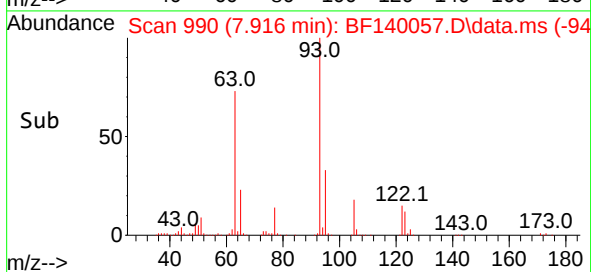
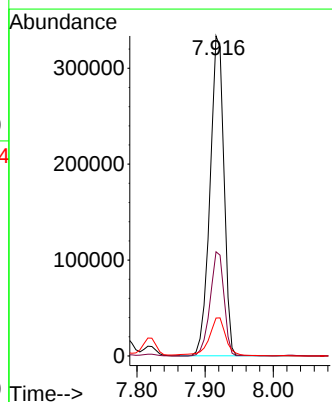
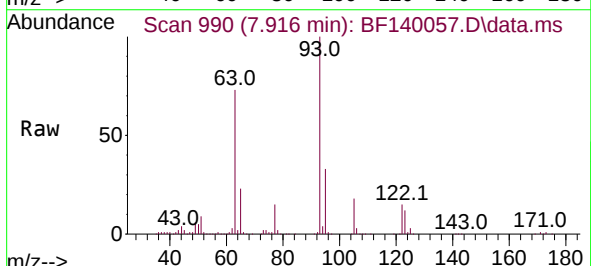


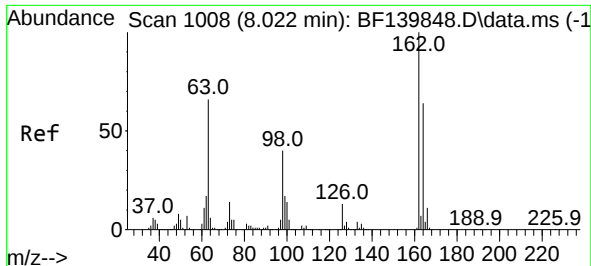
Tgt Ion:122 Resp: 334505
Ion Ratio Lower Upper
122 100
107 116.5 91.9 137.9
121 58.0 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.186 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion: 93 Resp: 475584
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 11.9 9.8 14.8

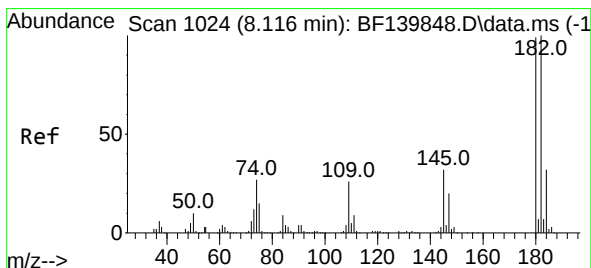
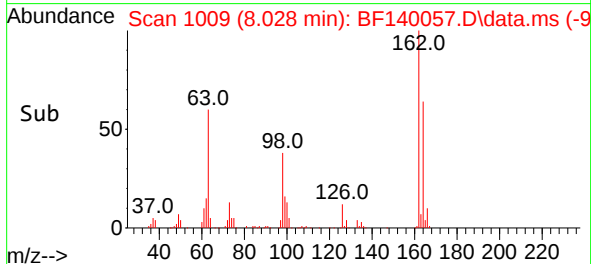
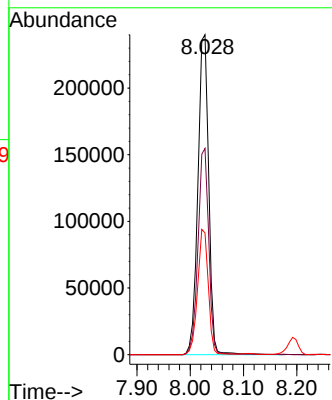
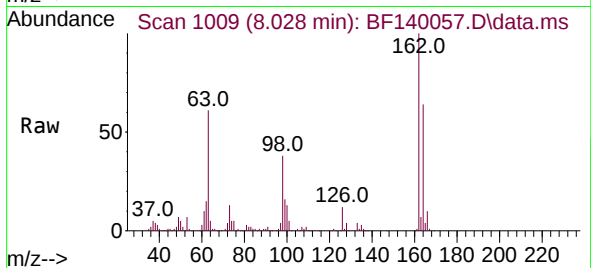




#29
2,4-Dichlorophenol
Concen: 42.839 ng
RT: 8.028 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

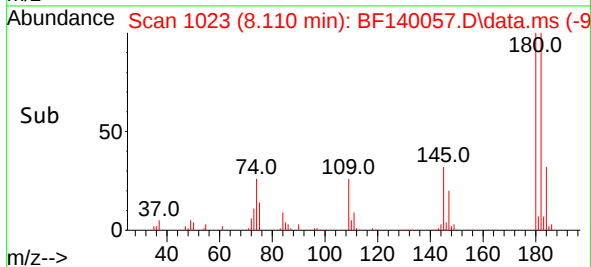
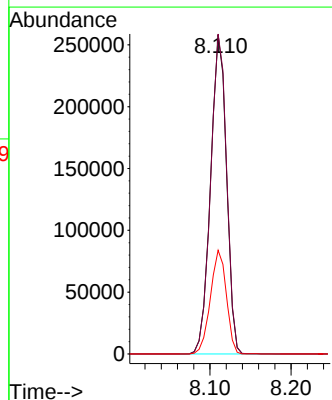
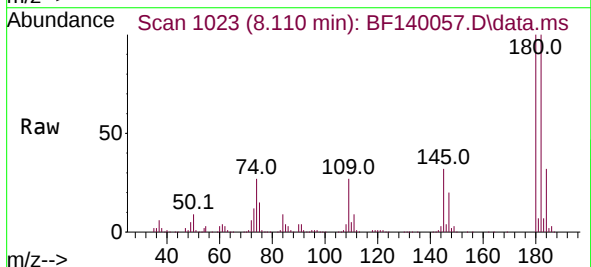
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

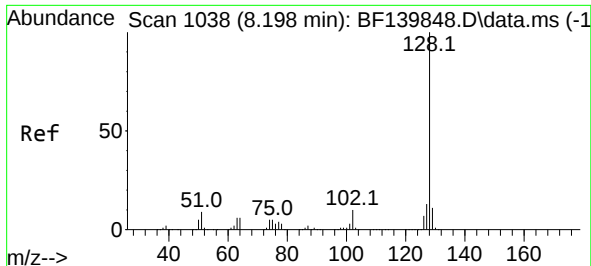
Tgt Ion:162 Resp: 337939
Ion Ratio Lower Upper
162 100
164 64.5 43.9 83.9
98 38.0 19.9 59.9



#30
1,2,4-Trichlorobenzene
Concen: 40.302 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:180 Resp: 351789
Ion Ratio Lower Upper
180 100
182 100.3 80.5 120.7
145 32.5 25.4 38.0

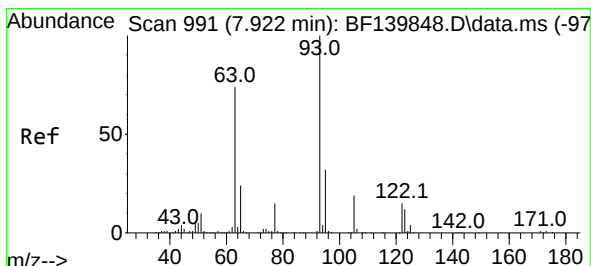
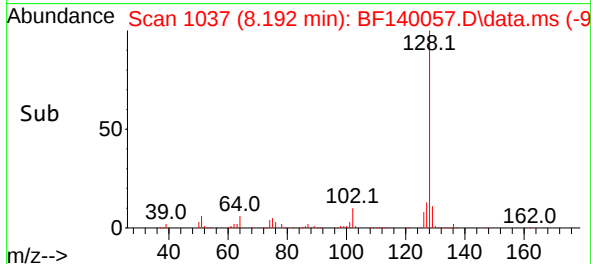
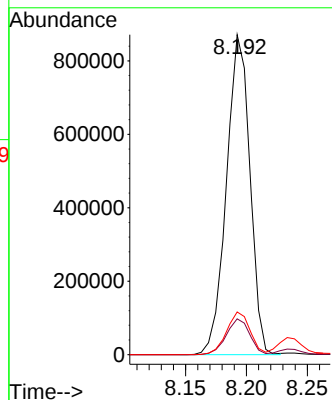
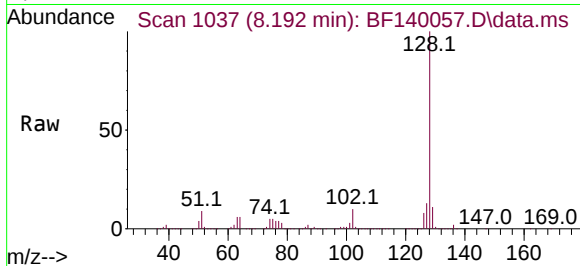




#31
Naphthalene
Concen: 40.685 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

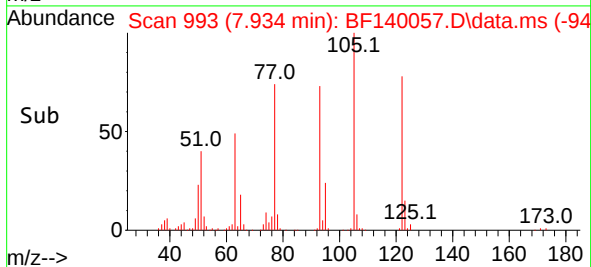
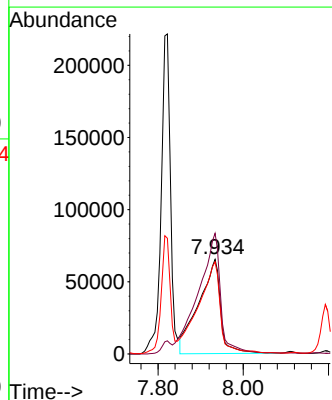
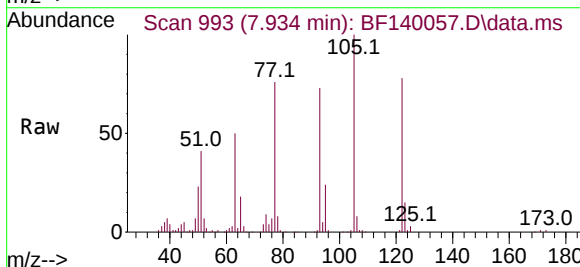
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

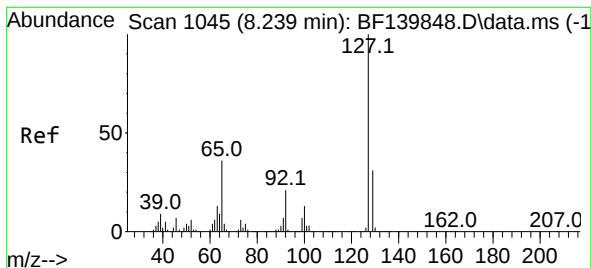
Tgt Ion:128 Resp: 1167784
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 38.718 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:122 Resp: 233878
Ion Ratio Lower Upper
122 100
105 127.5 107.6 147.6
77 97.3 80.2 120.2





#33

4-Chloroaniline

Concen: 7.294 ng

RT: 8.234 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

Tgt Ion:127 Resp: 71391

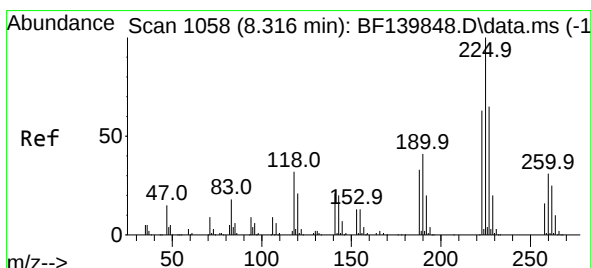
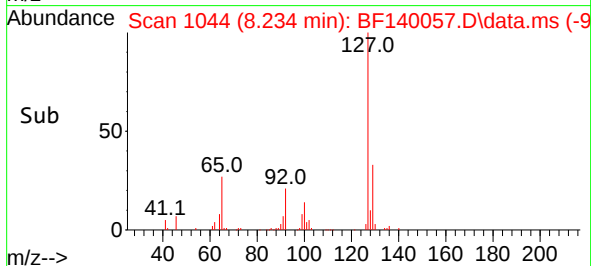
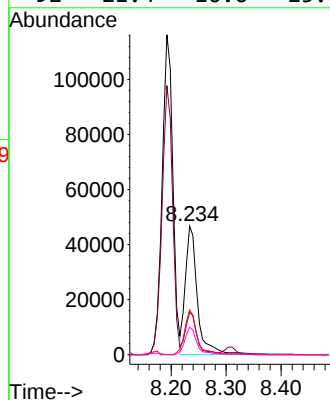
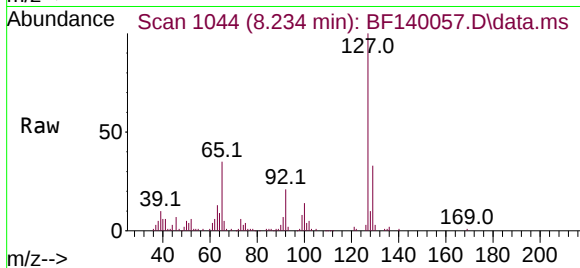
Ion Ratio Lower Upper

127 100

129 33.0 25.4 38.2

65 34.7 28.4 42.6

92 21.4 16.6 25.0



#34

Hexachlorobutadiene

Concen: 41.779 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

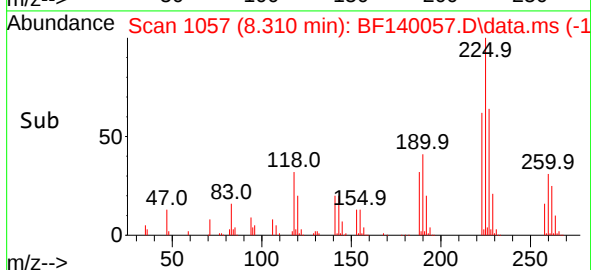
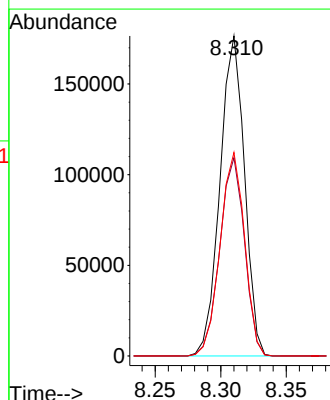
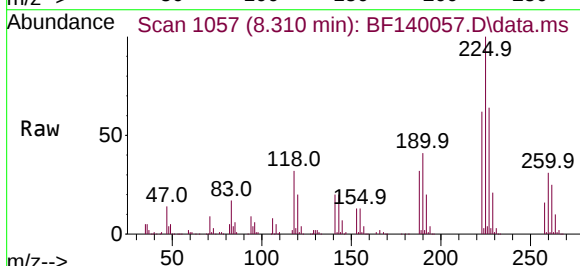
Tgt Ion:225 Resp: 229130

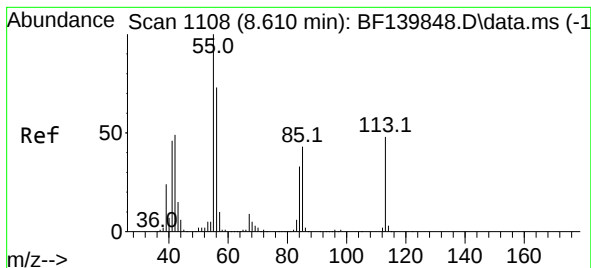
Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

227 63.6 51.8 77.8





#35

Caprolactam

Concen: 31.490 ng

RT: 8.610 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

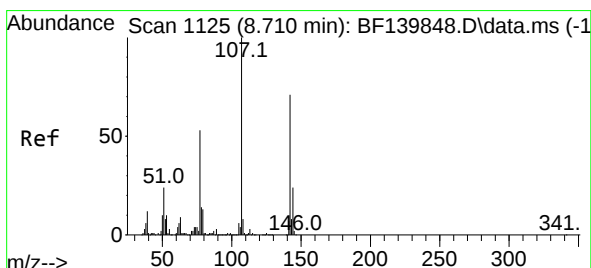
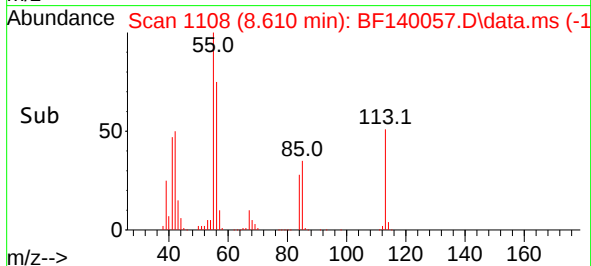
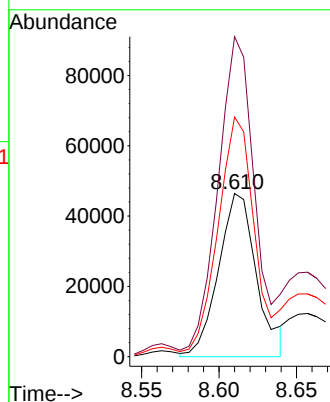
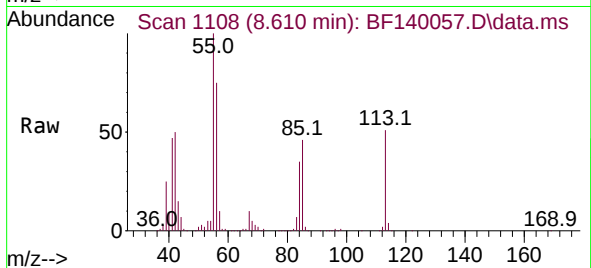
Tgt Ion:113 Resp: 78986

Ion Ratio Lower Upper

113 100

55 196.1 189.2 229.2

56 146.9 132.5 172.5



#36

4-Chloro-3-methylphenol

Concen: 43.076 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

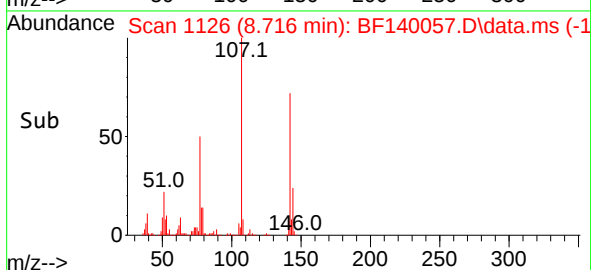
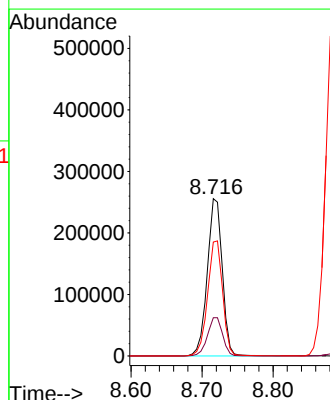
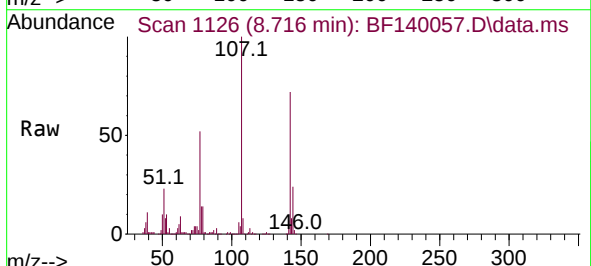
Tgt Ion:107 Resp: 376264

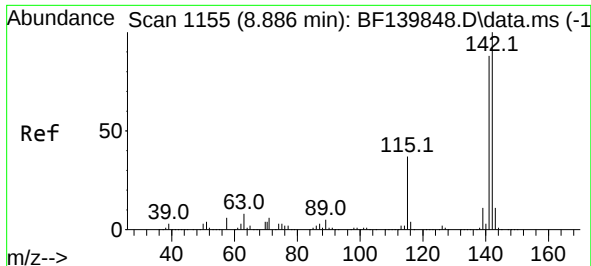
Ion Ratio Lower Upper

107 100

144 24.3 19.1 28.7

142 72.5 57.2 85.8





#37

2-Methylnaphthalene

Concen: 42.453 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

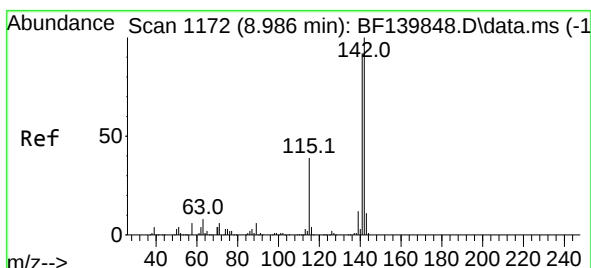
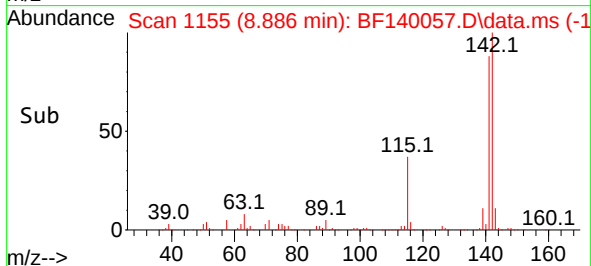
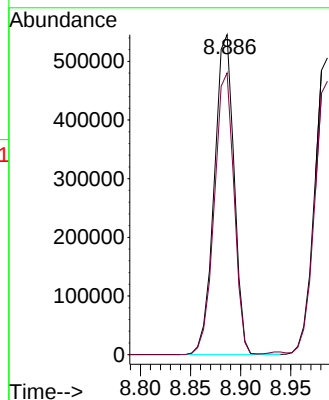
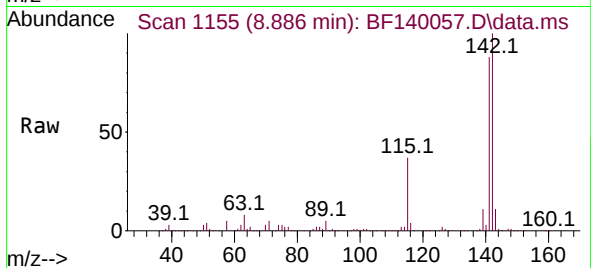
BP-F-20MS

Tgt Ion:142 Resp: 746283

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2



#38

1-Methylnaphthalene

Concen: 40.179 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140057.D

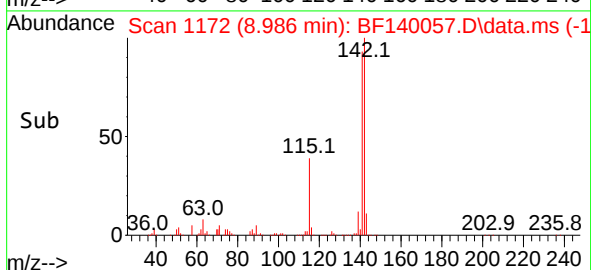
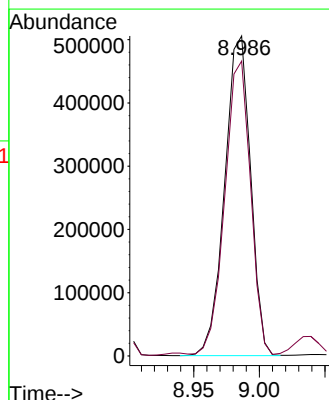
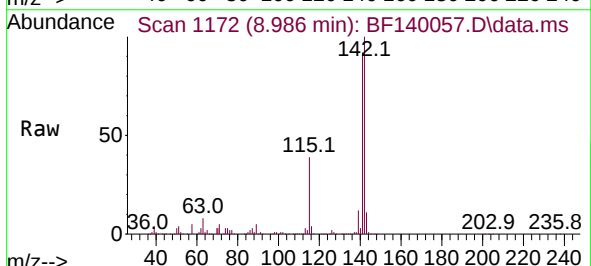
Acq: 26 Oct 2024 13:58

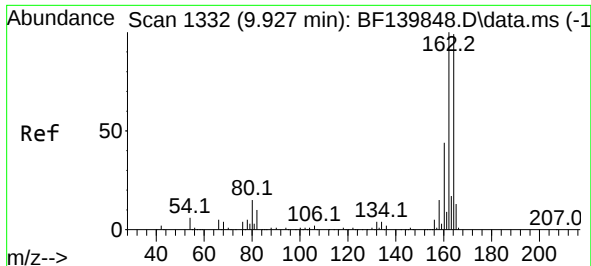
Tgt Ion:142 Resp: 692977

Ion Ratio Lower Upper

142 100

141 92.1 73.5 110.3

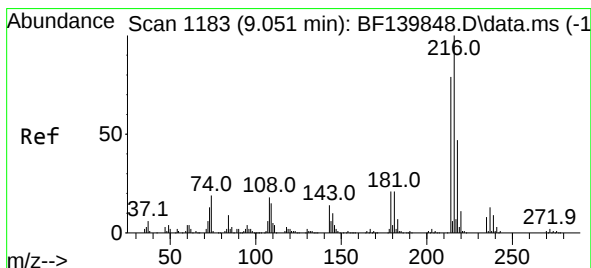
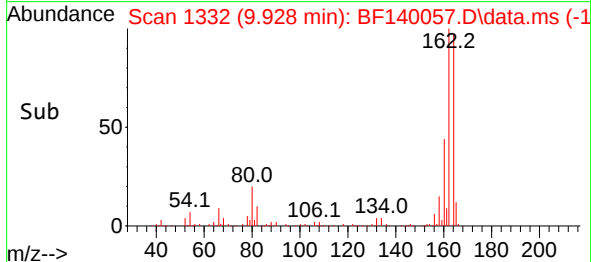
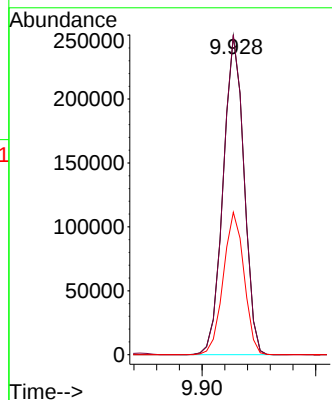
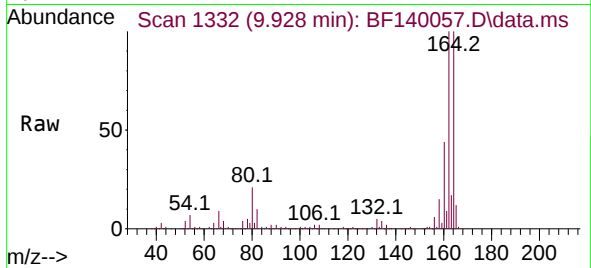




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

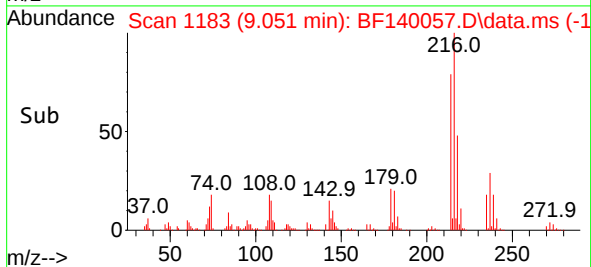
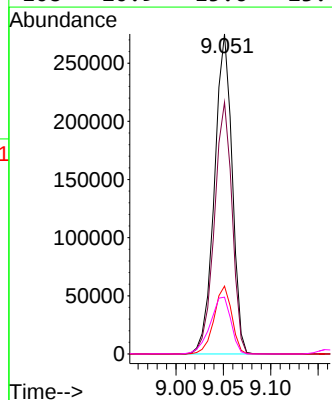
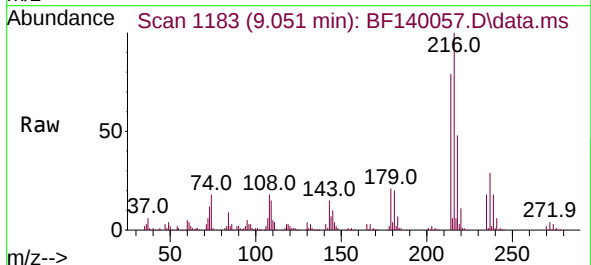
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

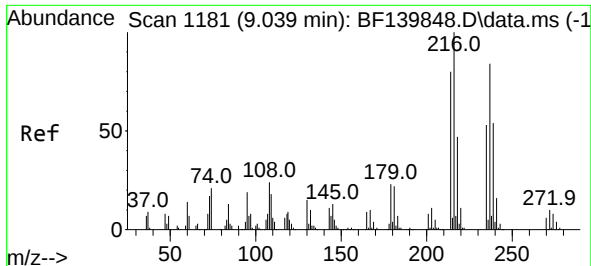
Tgt Ion:164 Resp: 317233
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 44.7 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.760 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:216 Resp: 357398
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.0
179 21.2 17.2 25.8
108 20.9 15.6 23.4

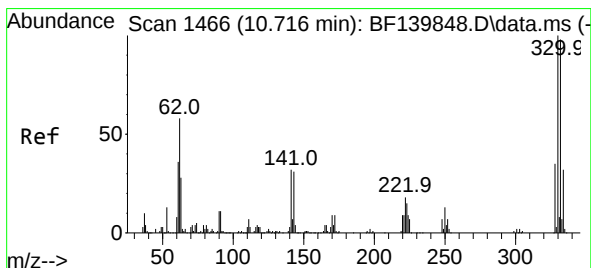
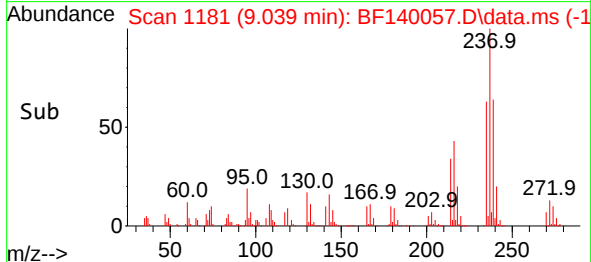
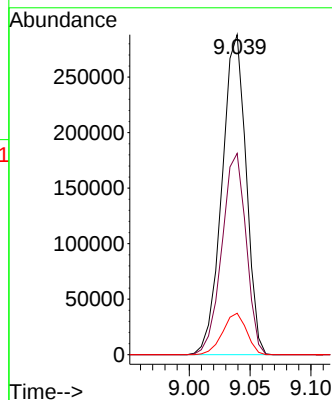
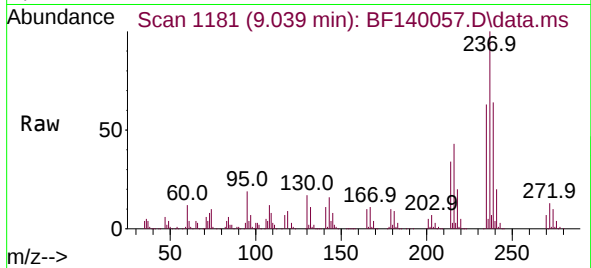




#41
Hexachlorocyclopentadiene
Concen: 133.382 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

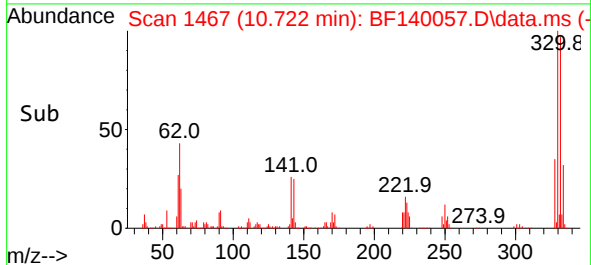
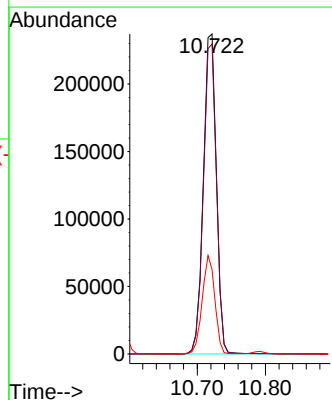
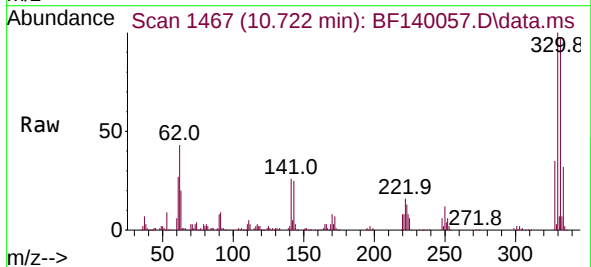
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

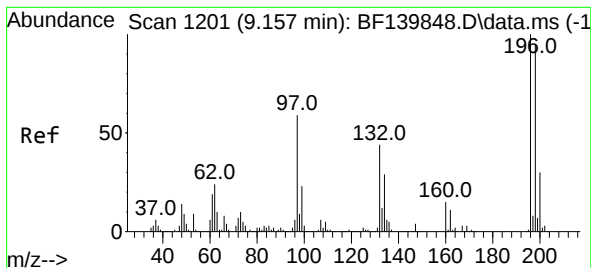
Tgt Ion:237 Resp: 397201
Ion Ratio Lower Upper
237 100
235 62.9 42.9 82.9
272 13.0 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 106.179 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:330 Resp: 315066
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 29.7 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 43.494 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

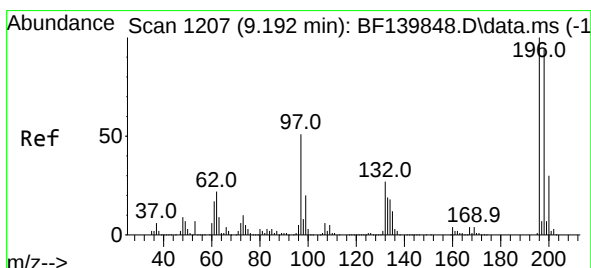
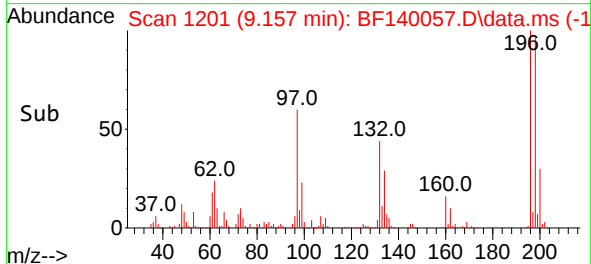
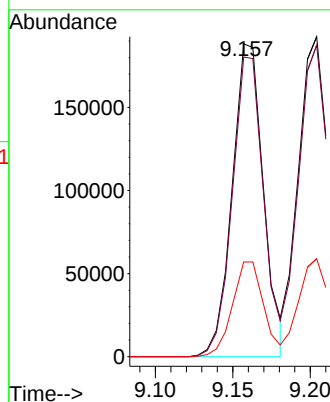
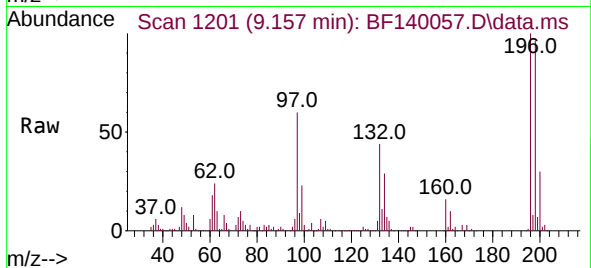
Tgt Ion:196 Resp: 263544

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.2

200 30.3 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 41.883 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Tgt Ion:196 Resp: 261831

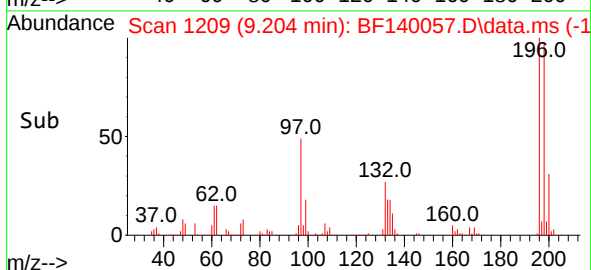
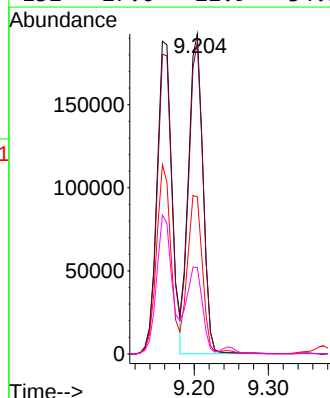
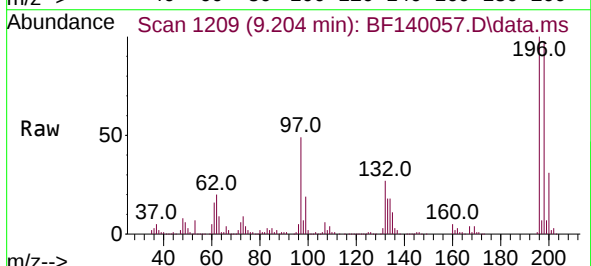
Ion Ratio Lower Upper

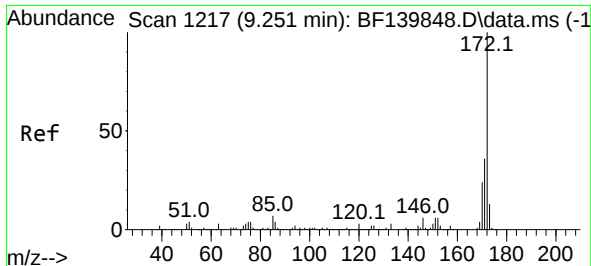
196 100

198 97.4 75.8 113.6

97 49.2 41.8 62.6

132 27.0 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 61.482 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

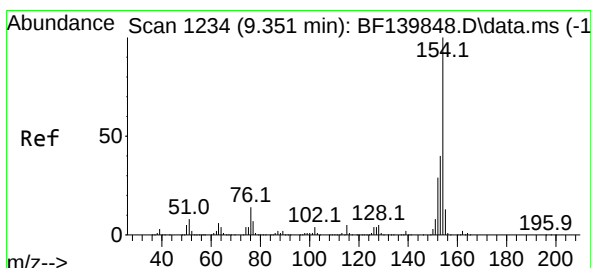
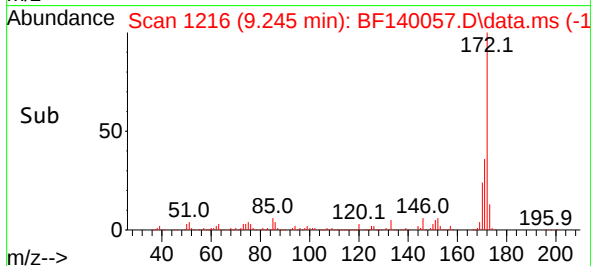
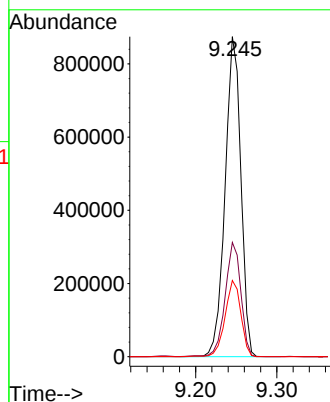
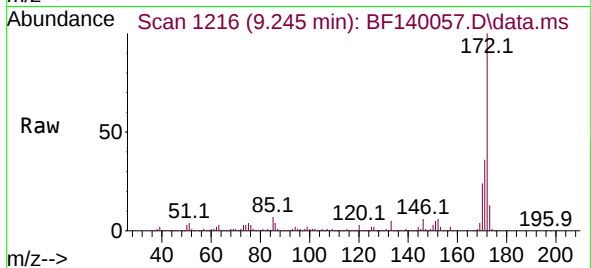
Tgt Ion:172 Resp: 1180147

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 40.651 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

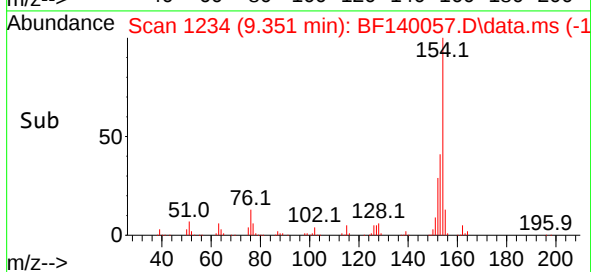
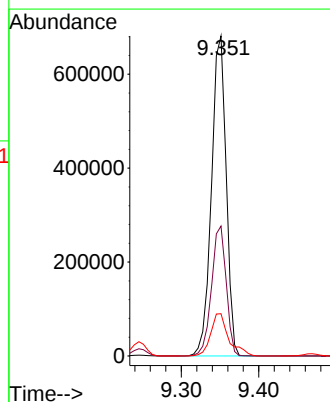
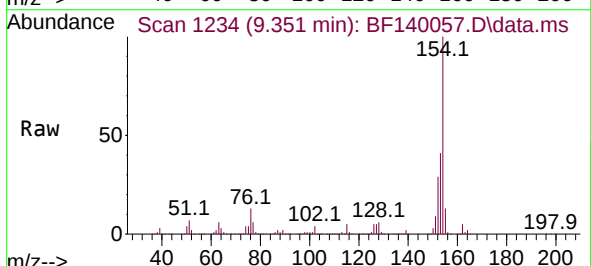
Tgt Ion:154 Resp: 897739

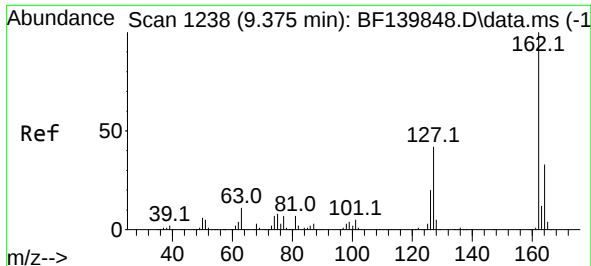
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 13.2 0.0 33.9





#47

2-Chloronaphthalene

Concen: 40.611 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

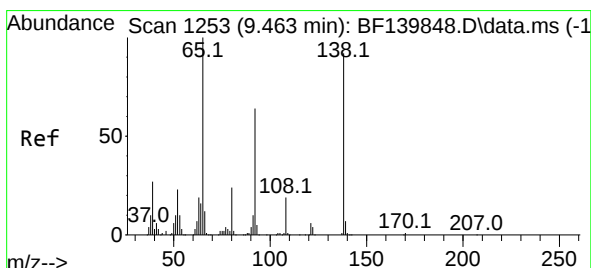
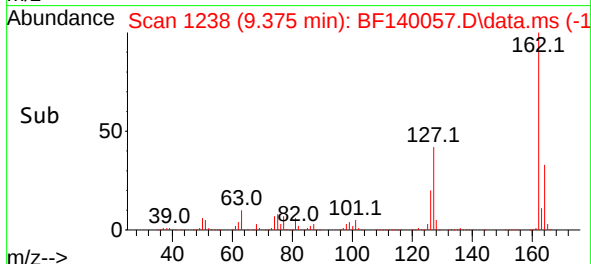
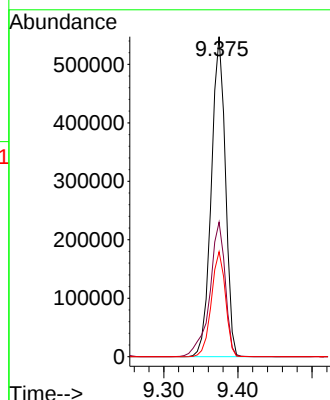
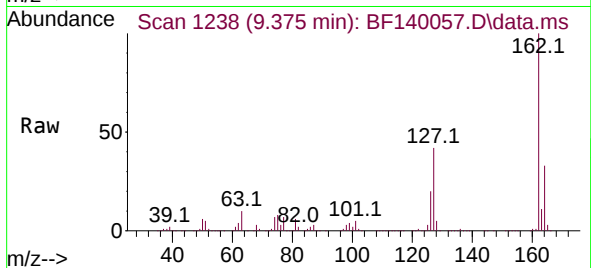
Tgt Ion:162 Resp: 722337

Ion Ratio Lower Upper

162 100

127 42.0 33.8 50.6

164 32.8 26.6 39.8



#48

2-Nitroaniline

Concen: 45.541 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

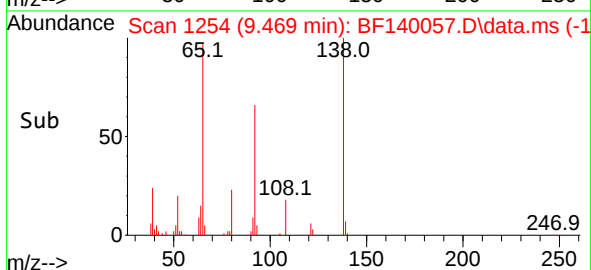
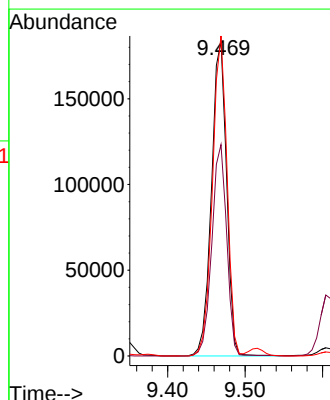
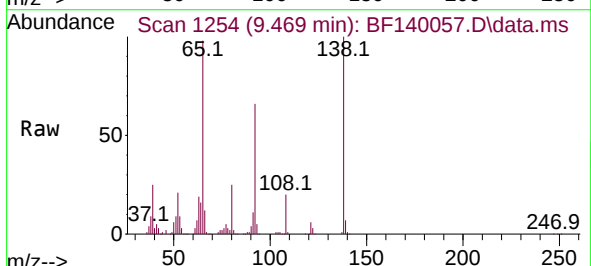
Tgt Ion: 65 Resp: 247740

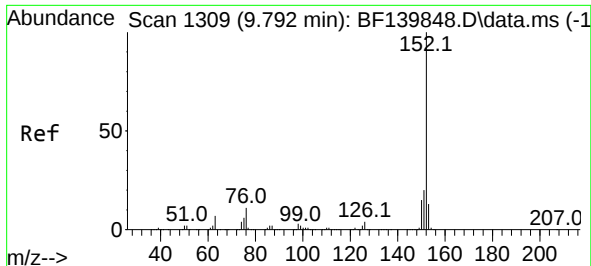
Ion Ratio Lower Upper

65 100

92 67.2 50.9 76.3

138 101.7 73.4 110.0

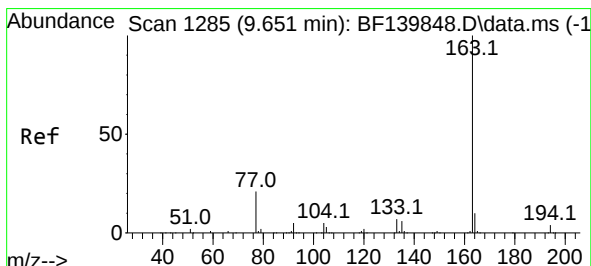
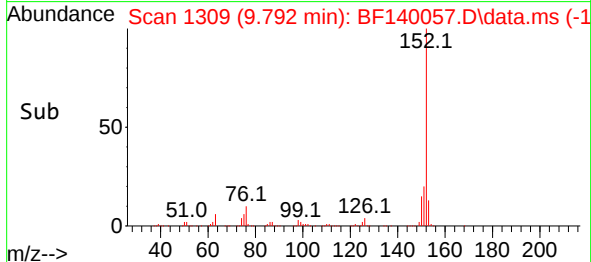
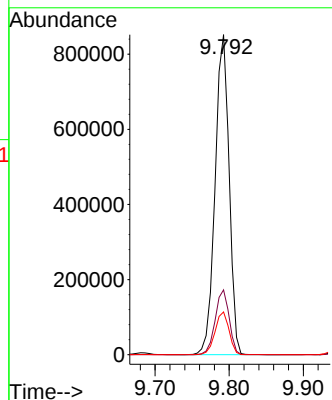
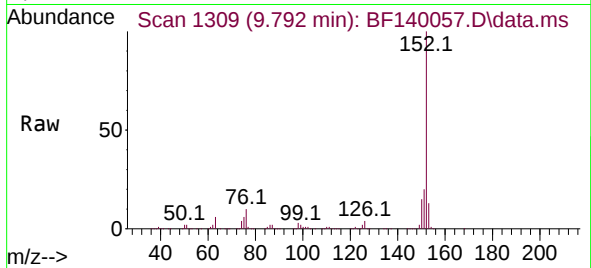




#49
Acenaphthylene
Concen: 43.383 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

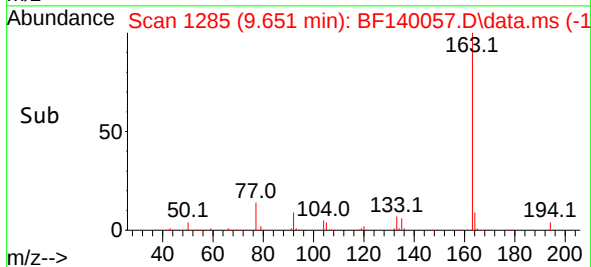
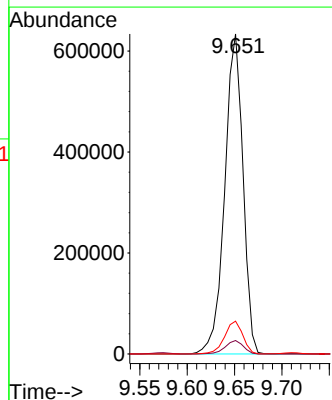
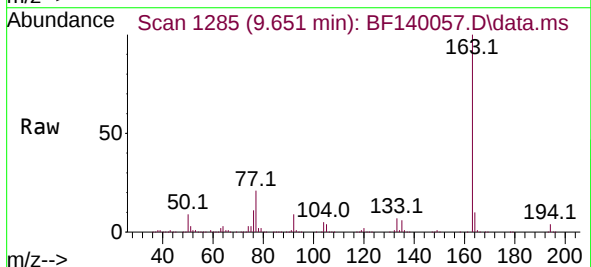
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

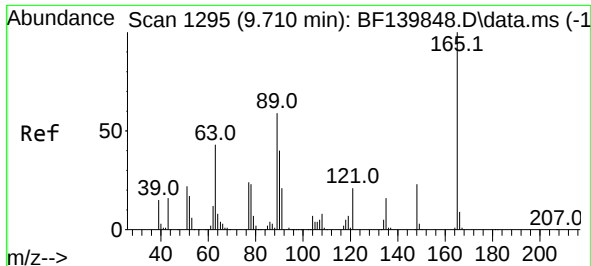
Tgt Ion:152 Resp: 1115565
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 42.919 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:163 Resp: 848076
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.2

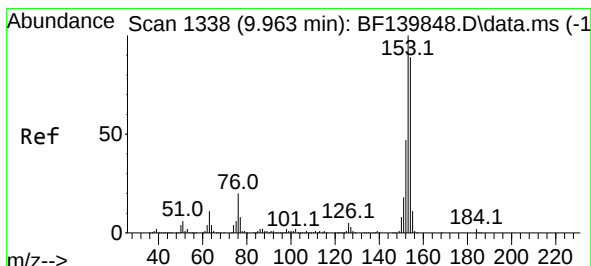
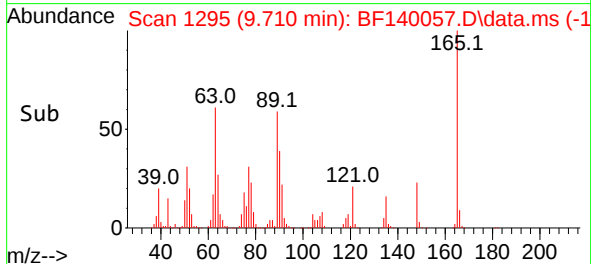
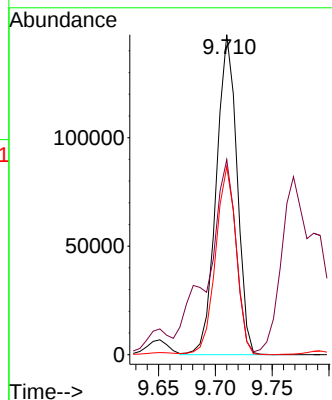
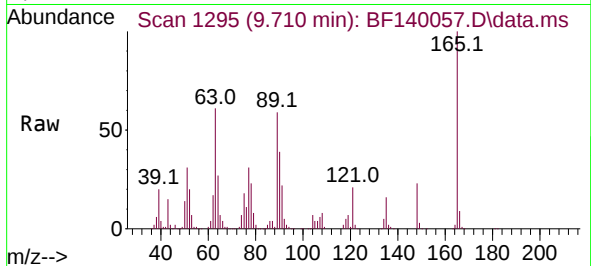




#51
2,6-Dinitrotoluene
Concen: 43.765 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

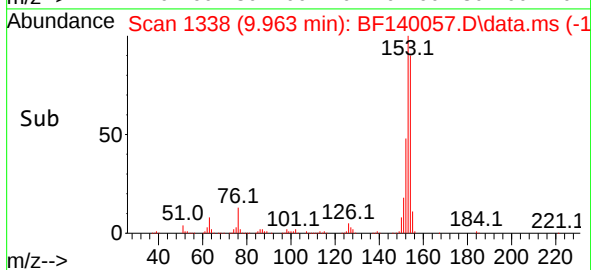
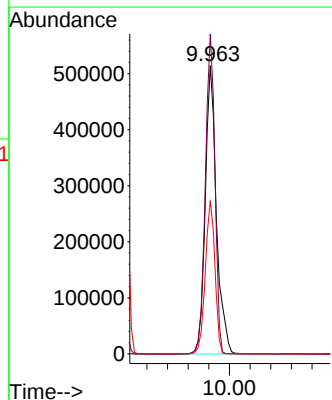
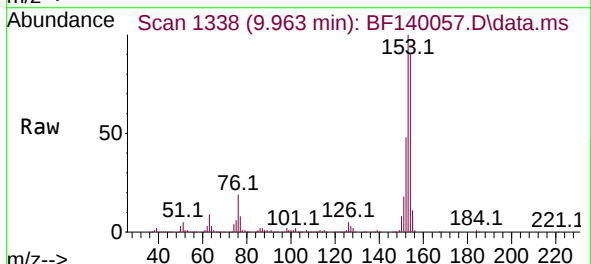
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

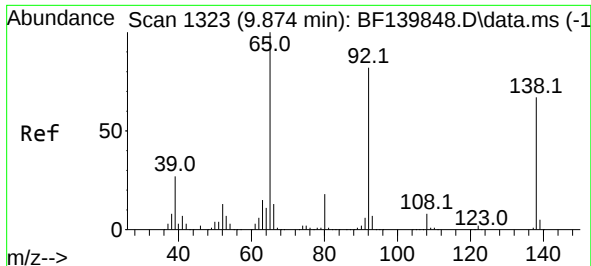
Tgt Ion:165 Resp: 187243
Ion Ratio Lower Upper
165 100
63 60.9 50.6 75.8
89 58.7 47.5 71.3



#52
Acenaphthene
Concen: 46.360 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:154 Resp: 771182
Ion Ratio Lower Upper
154 100
153 111.0 89.8 134.6
152 53.2 42.4 63.6

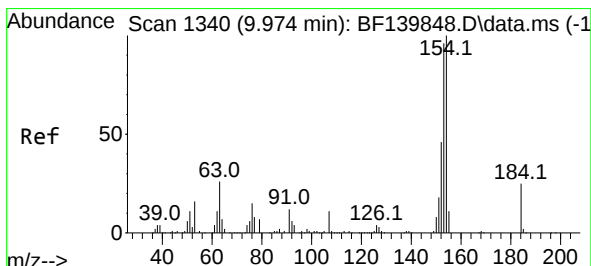
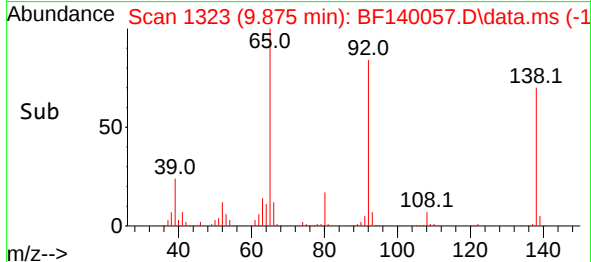
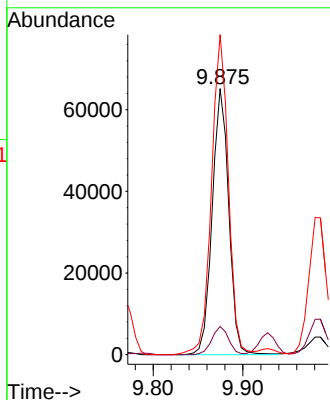
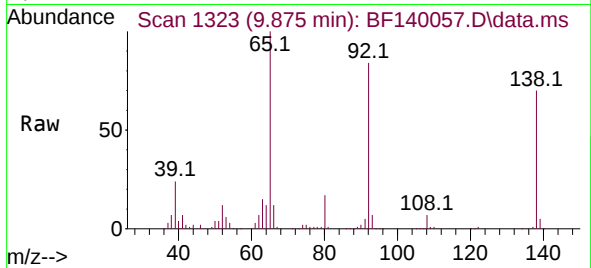




#53
3-Nitroaniline
Concen: 18.931 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

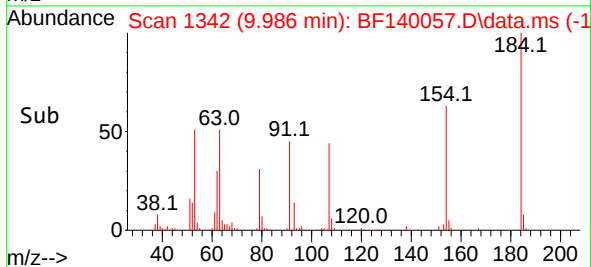
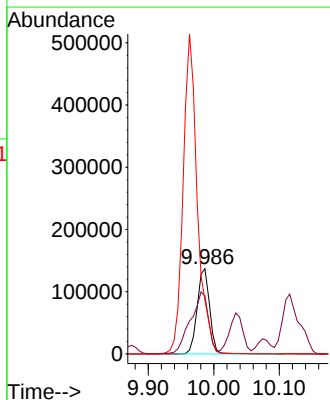
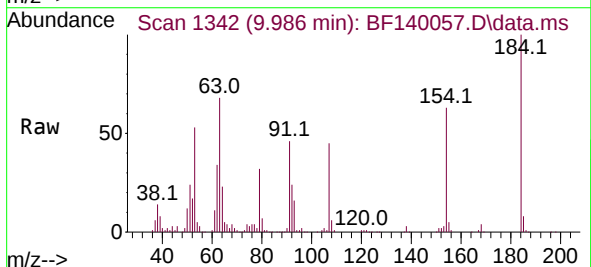
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

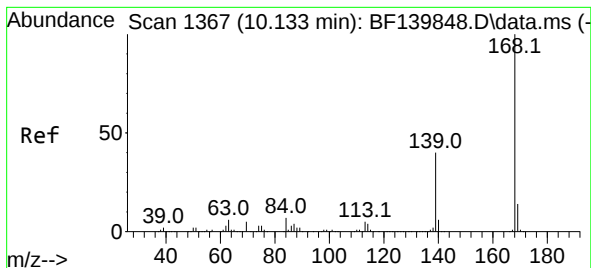
Tgt Ion:138 Resp: 83523
Ion Ratio Lower Upper
138 100
108 10.6 10.2 15.2
92 120.3 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 100.411 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:184 Resp: 181712
Ion Ratio Lower Upper
184 100
63 67.9 84.7 127.1#
154 63.3 338.2 507.2#





#55

Dibenzenofuran

Concen: 41.362 ng

RT: 10.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

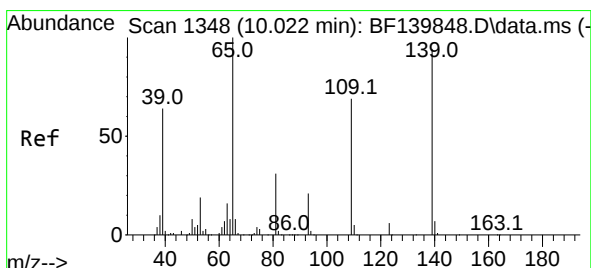
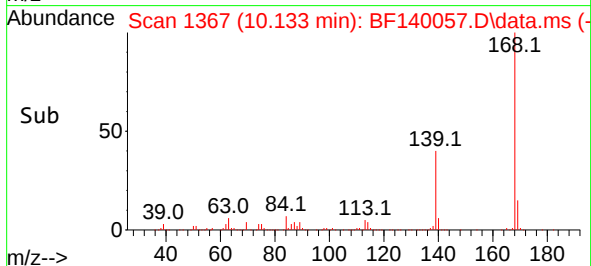
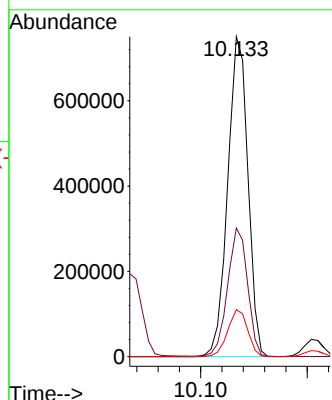
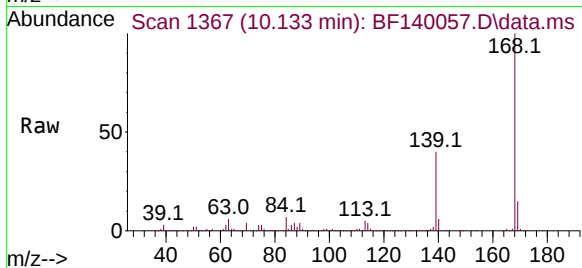
Tgt Ion:168 Resp: 987172

Ion Ratio Lower Upper

168 100

139 40.2 31.8 47.6

169 14.7 11.6 17.4



#56

4-Nitrophenol

Concen: 83.767 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

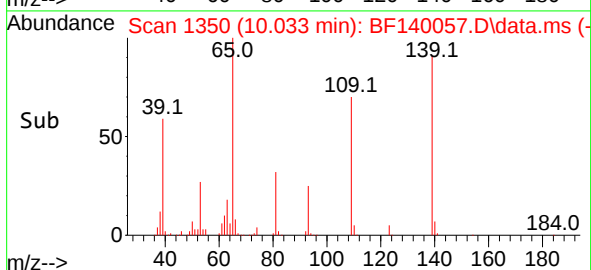
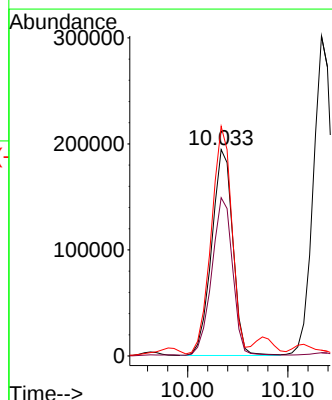
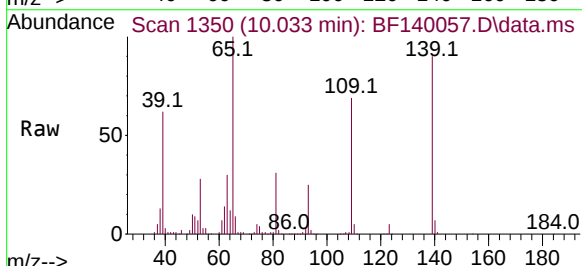
Tgt Ion:139 Resp: 284342

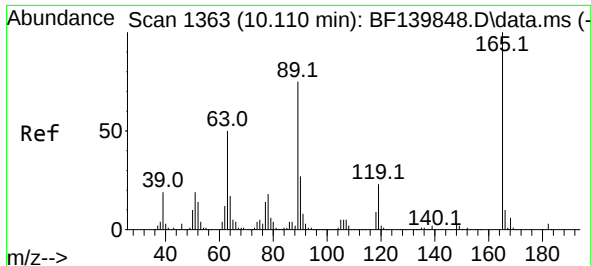
Ion Ratio Lower Upper

139 100

109 76.7 53.6 93.6

65 111.2 87.8 127.8

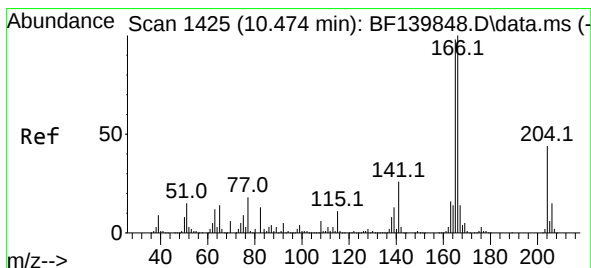
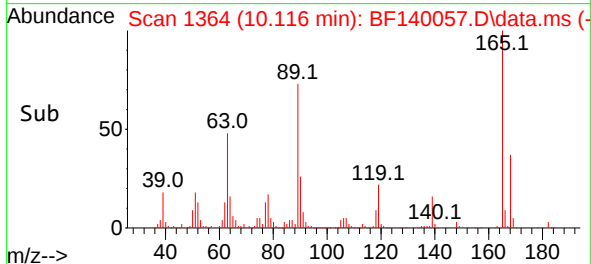
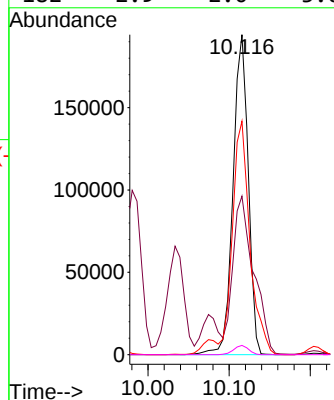
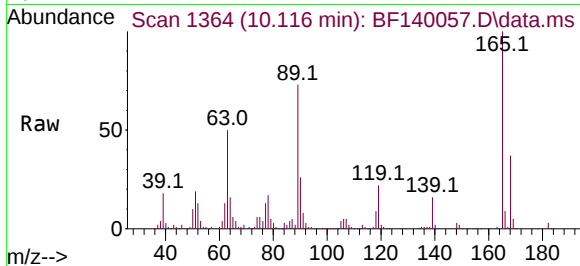




#57
2,4-Dinitrotoluene
Concen: 47.949 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

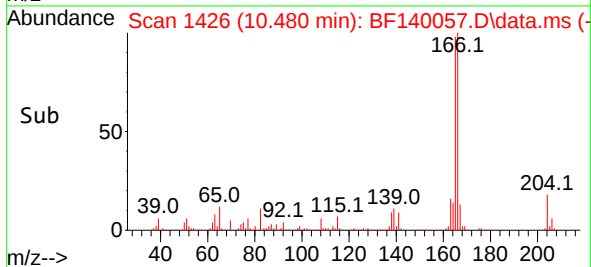
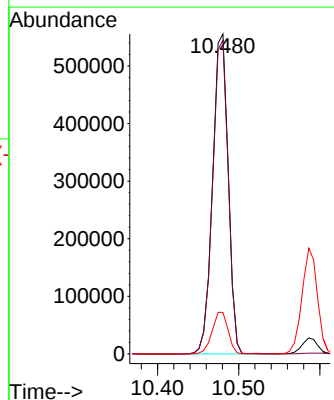
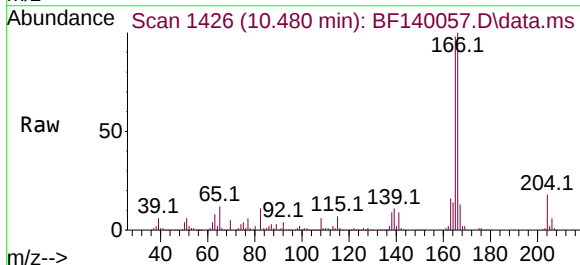
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

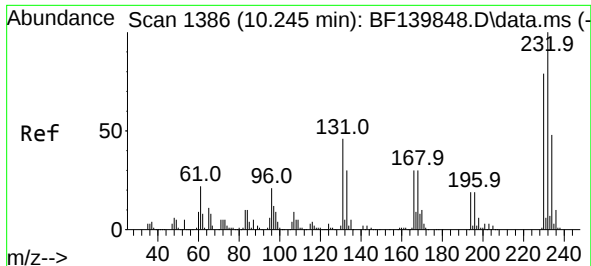
Tgt Ion:165 Resp: 252272
Ion Ratio Lower Upper
165 100
63 49.5 40.1 60.1
89 73.0 60.4 90.6
182 2.9 2.0 3.0



#58
Fluorene
Concen: 40.796 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:166 Resp: 741599
Ion Ratio Lower Upper
166 100
165 98.0 78.5 117.7
167 13.0 10.9 16.3

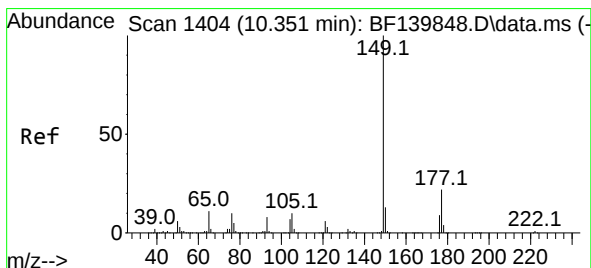
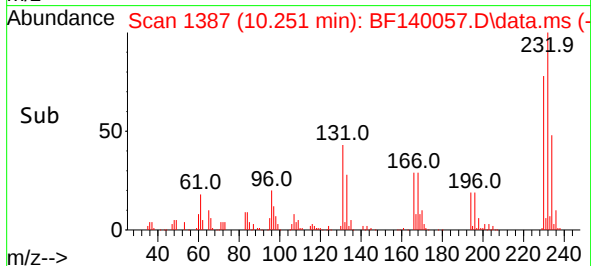
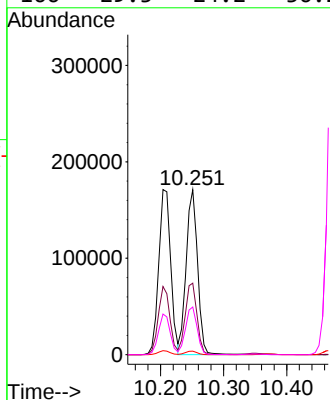
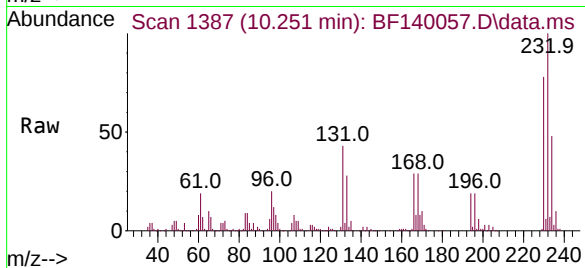




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.055 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

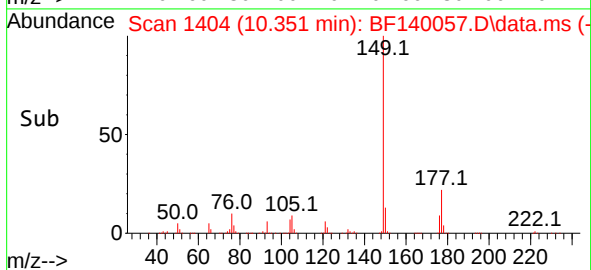
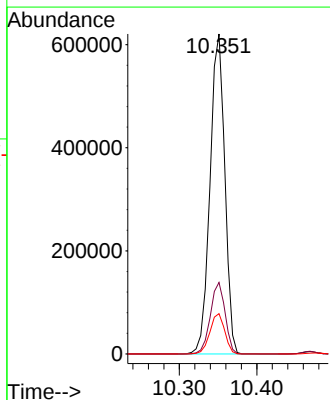
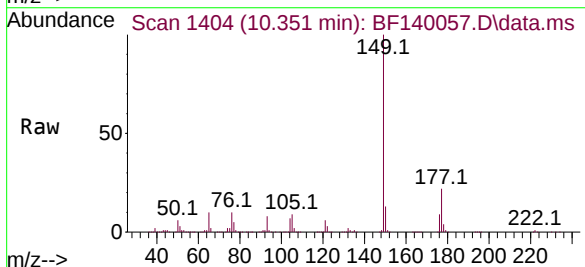
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

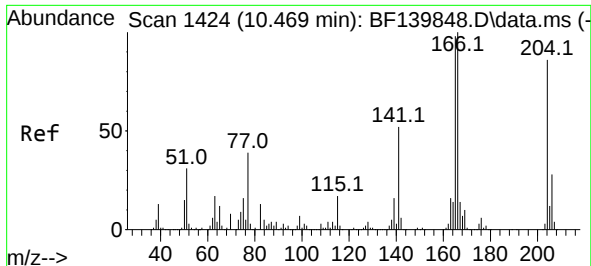
Tgt Ion:232 Resp: 215904
Ion Ratio Lower Upper
232 100
131 44.4 37.0 55.6
130 2.2 1.9 2.9
166 29.3 24.2 36.2



#60
Diethylphthalate
Concen: 42.372 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:149 Resp: 822061
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.6 10.1 15.1

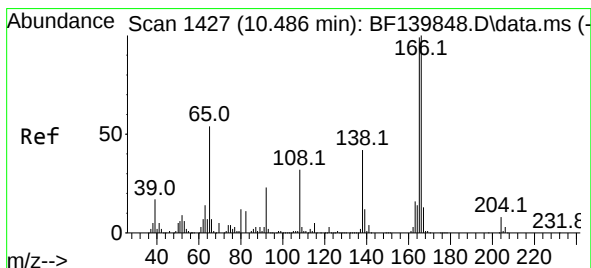
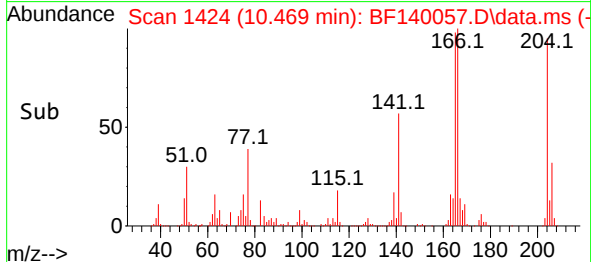
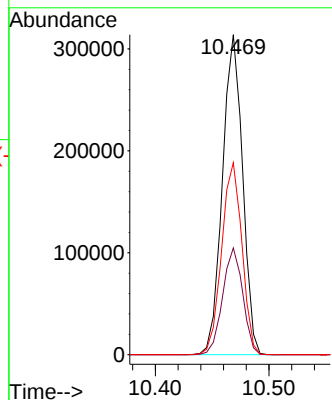
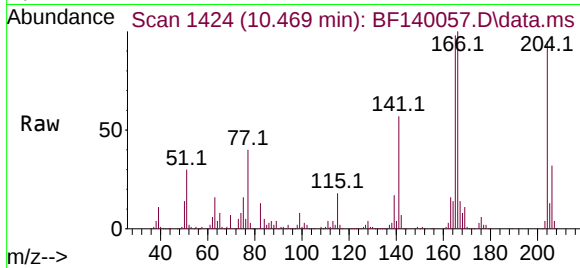




#61
4-Chlorophenyl-phenylether
Concen: 42.141 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

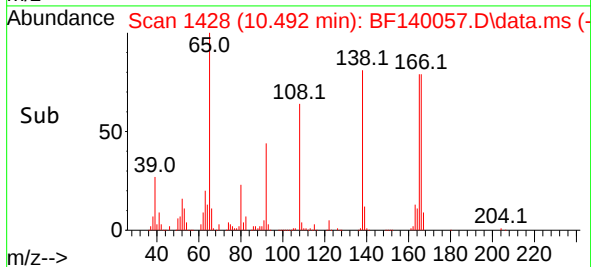
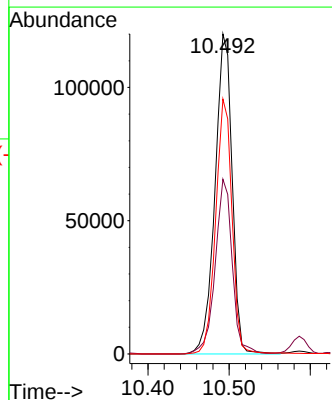
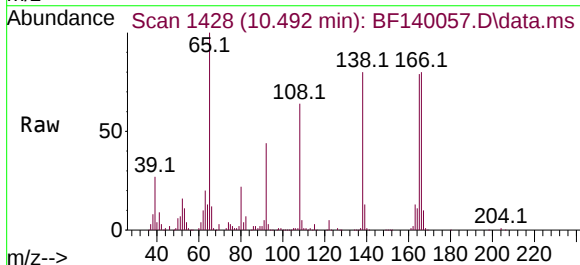
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

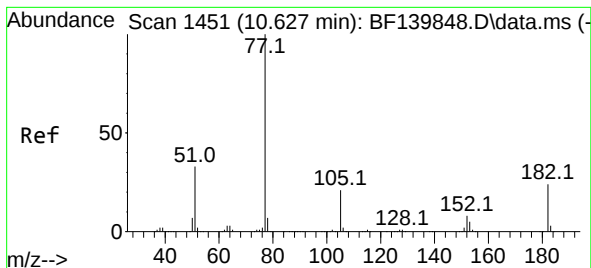
Tgt Ion:204 Resp: 386856
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 60.0 48.6 73.0



#62
4-Nitroaniline
Concen: 42.270 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:138 Resp: 176142
Ion Ratio Lower Upper
138 100
92 54.6 35.7 75.7
108 79.6 57.5 97.5





#63

Azobenzene

Concen: 44.854 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

Tgt Ion: 77 Resp: 922575

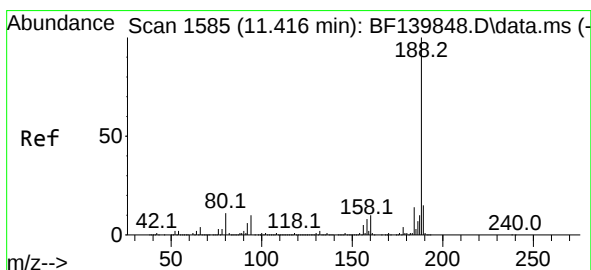
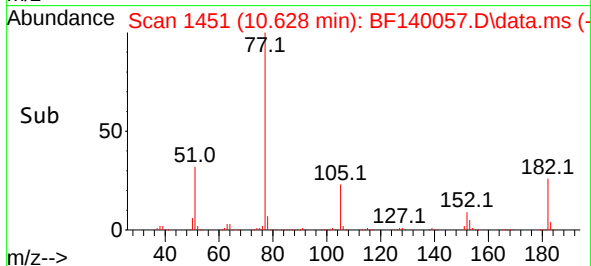
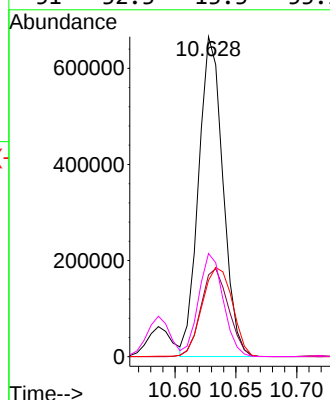
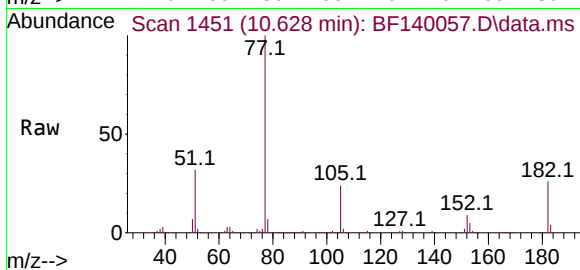
Ion Ratio Lower Upper

77 100

182 25.6 3.3 43.3

105 23.8 1.2 41.2

51 32.3 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: BF140057.D

Acq: 26 Oct 2024 13:58

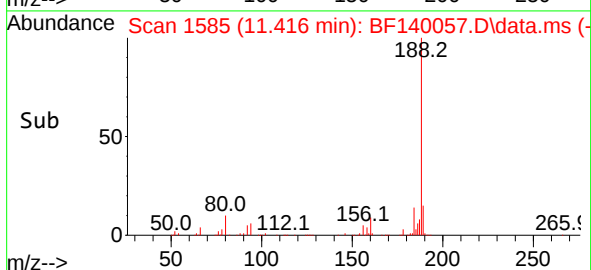
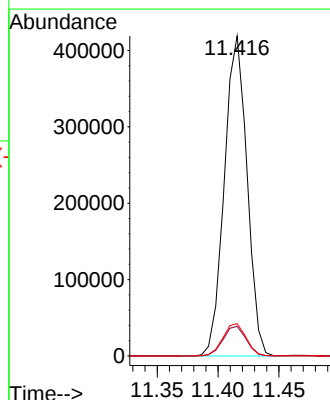
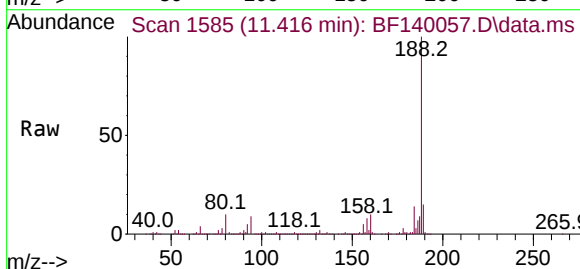
Tgt Ion:188 Resp: 543034

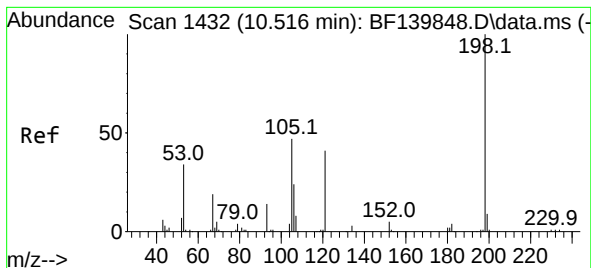
Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.1 9.0 13.4

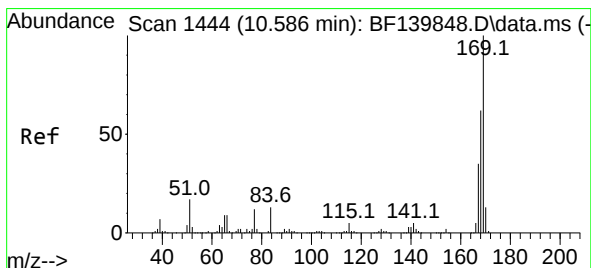
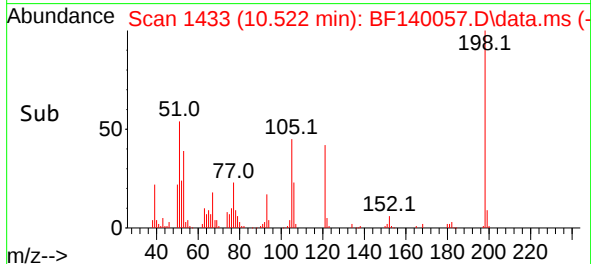
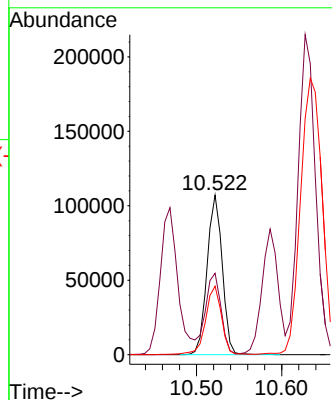
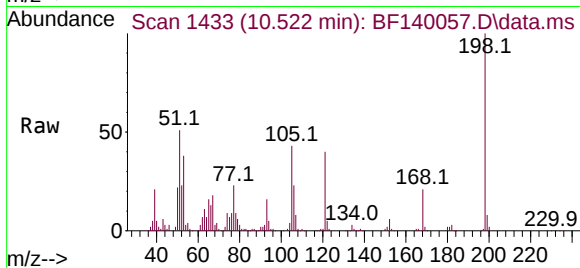




#65
4,6-Dinitro-2-methylphenol
Concen: 59.857 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

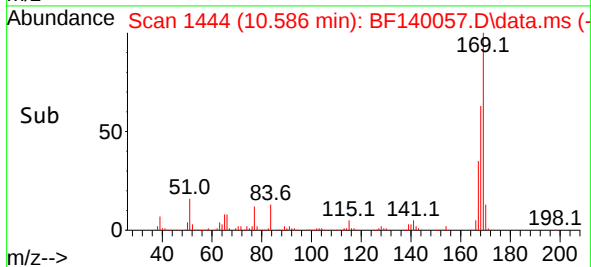
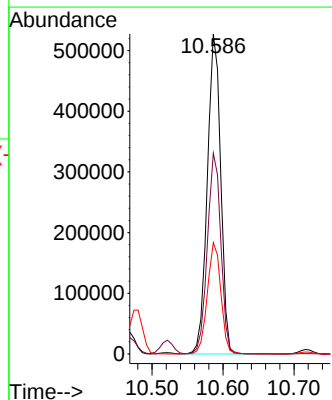
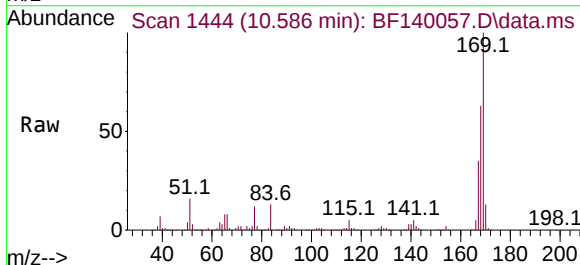
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

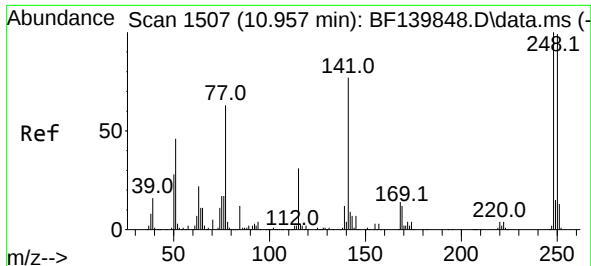
Tgt Ion:198 Resp: 132583
Ion Ratio Lower Upper
198 100
51 51.1 38.2 78.2
105 43.0 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 42.618 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:169 Resp: 692666
Ion Ratio Lower Upper
169 100
168 62.7 49.8 74.6
167 34.8 28.0 42.0

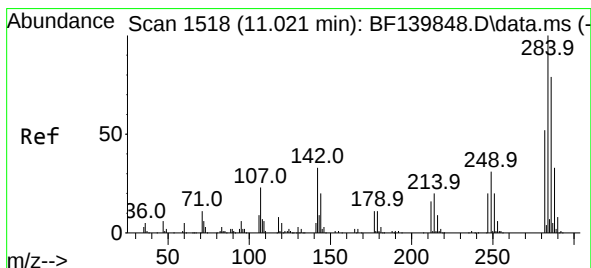
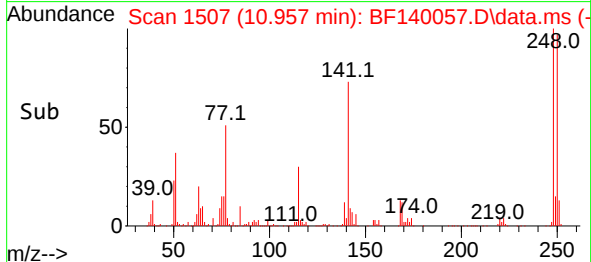
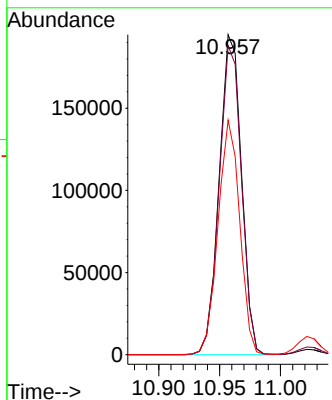
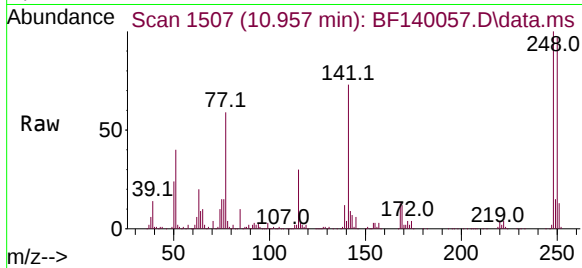




#67
4-Bromophenyl-phenylether
Concen: 44.439 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

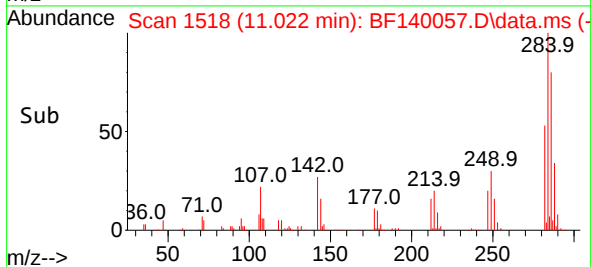
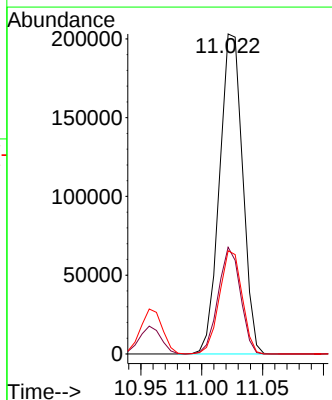
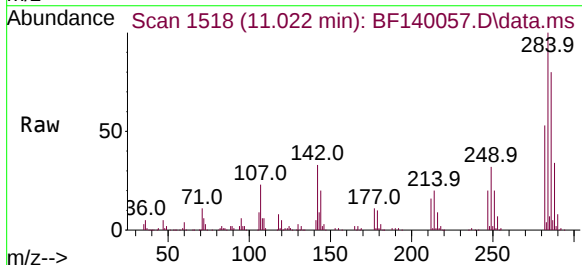
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

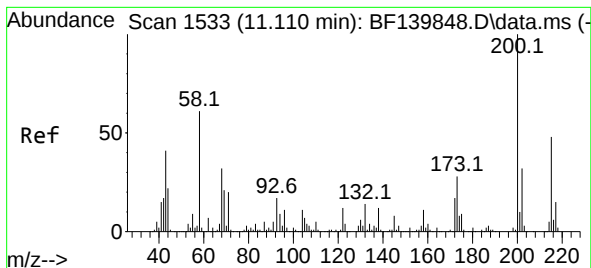
Tgt Ion:248 Resp: 248603
Ion Ratio Lower Upper
248 100
250 96.6 79.0 118.6
141 73.3 61.7 92.5



#68
Hexachlorobenzene
Concen: 42.692 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:284 Resp: 268605
Ion Ratio Lower Upper
284 100
142 33.3 26.9 40.3
249 32.3 25.3 37.9





#69

Atrazine

Concen: 51.437 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

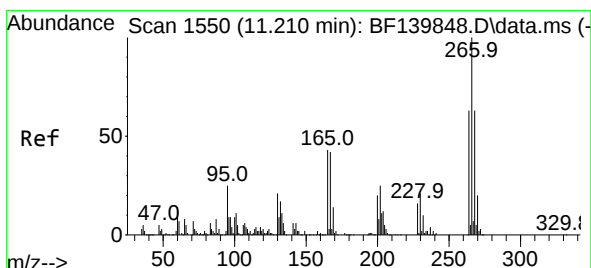
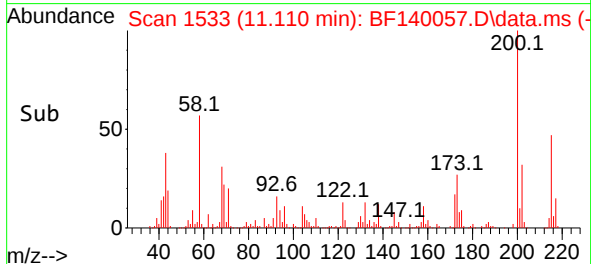
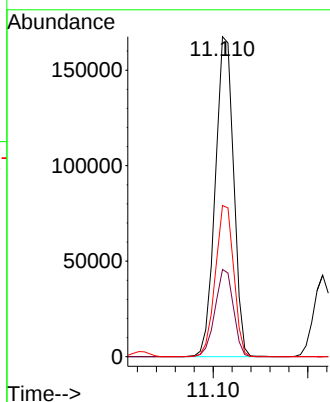
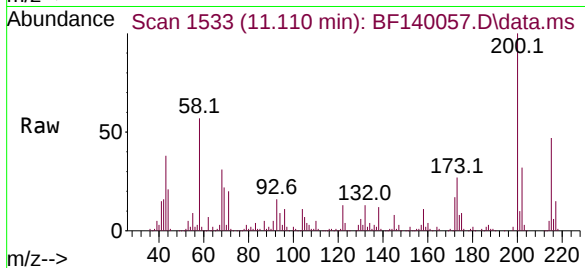
Tgt Ion:200 Resp: 226459

Ion Ratio Lower Upper

200 100

173 27.2 7.7 47.7

215 47.2 27.7 67.7



#70

Pentachlorophenol

Concen: 80.506 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

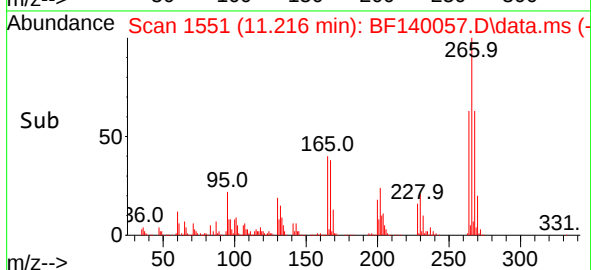
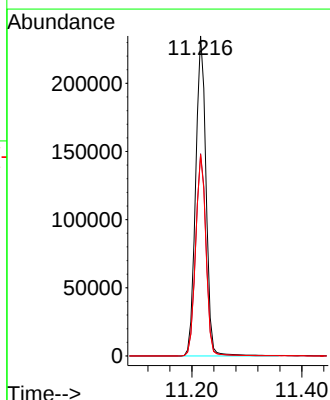
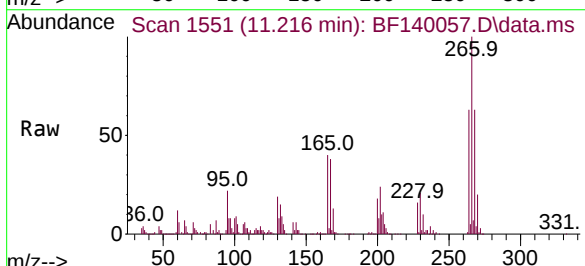
Tgt Ion:266 Resp: 307411

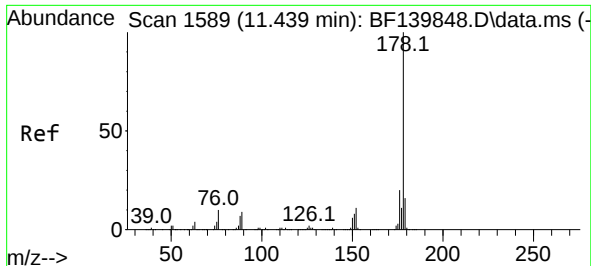
Ion Ratio Lower Upper

266 100

268 63.2 50.4 75.6

264 62.9 50.6 75.8

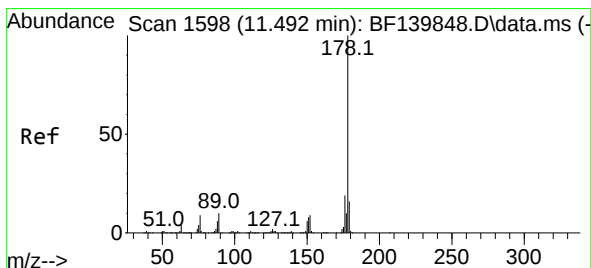
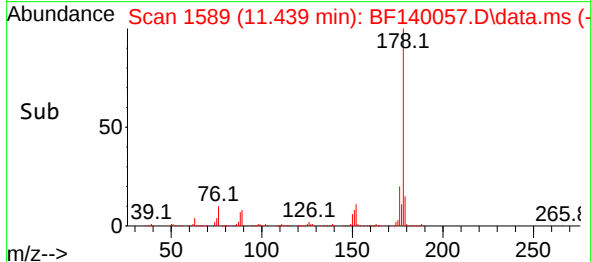
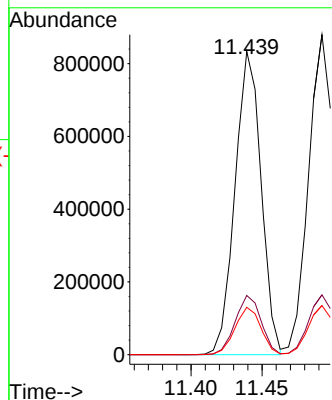
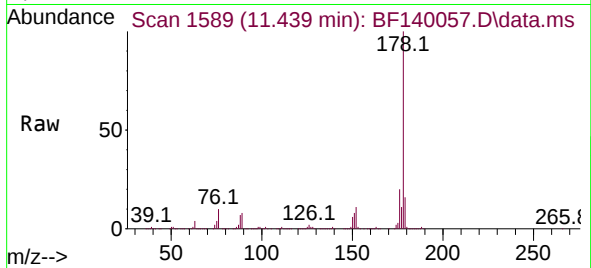




#71
Phenanthrene
Concen: 41.478 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

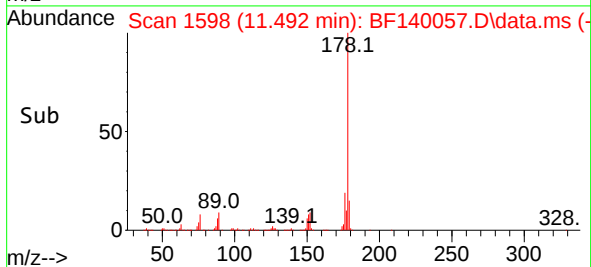
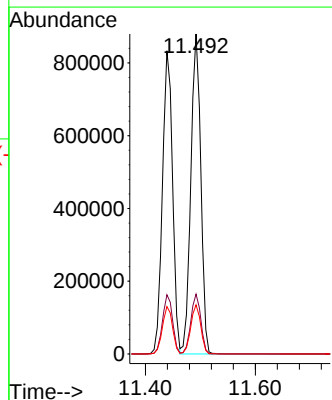
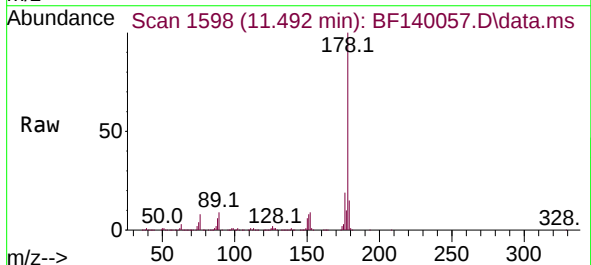
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

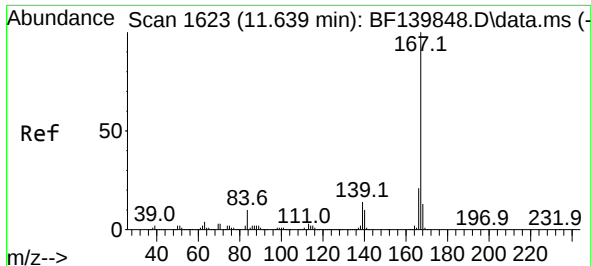
Tgt Ion:178 Resp: 1063947
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.6 12.6 18.8



#72
Anthracene
Concen: 44.109 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:178 Resp: 1103909
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.4 12.4 18.6

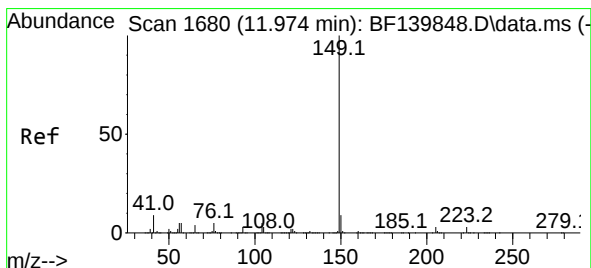
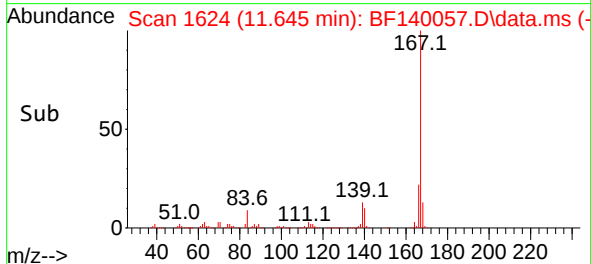
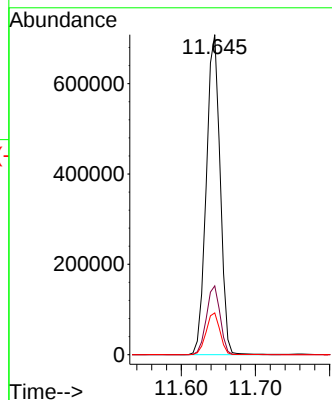
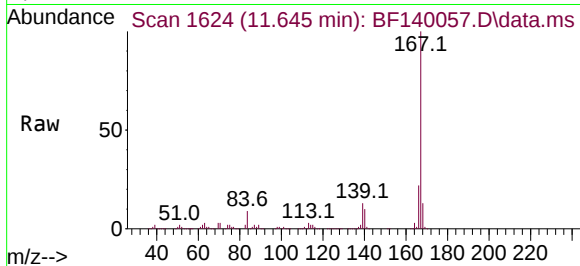




#73
 Carbazole
 Concen: 39.433 ng
 RT: 11.645 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF140057.D
 Acq: 26 Oct 2024 13:58

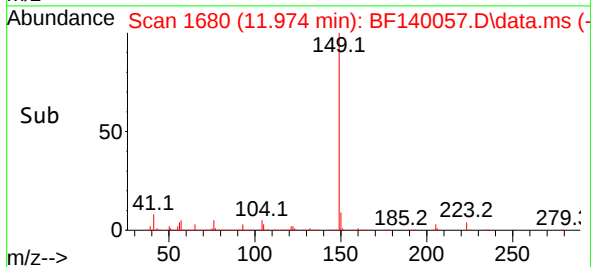
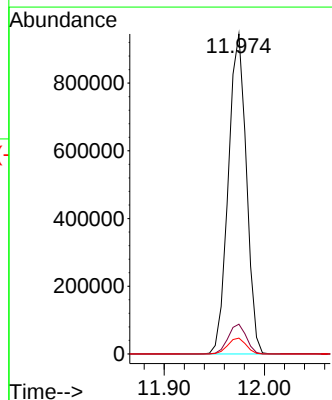
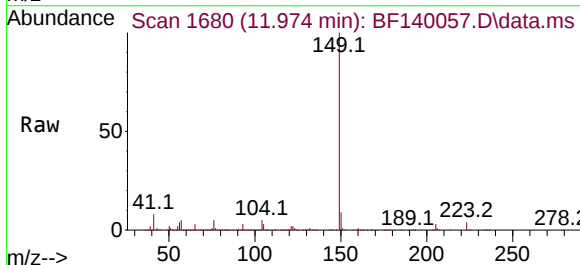
Instrument :
 BNA_F
 ClientSampleId :
 BP-F-20MS

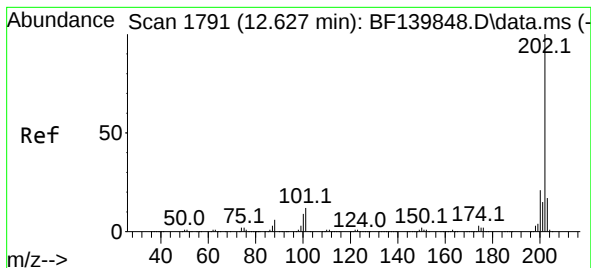
Tgt Ion:167 Resp: 917821
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.0 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 43.984 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF140057.D
 Acq: 26 Oct 2024 13:58

Tgt Ion:149 Resp: 1182778
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 37.929 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

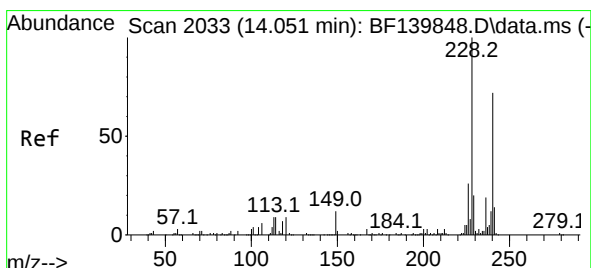
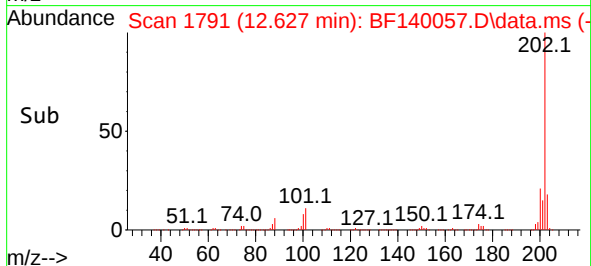
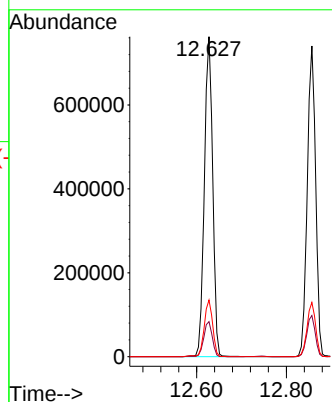
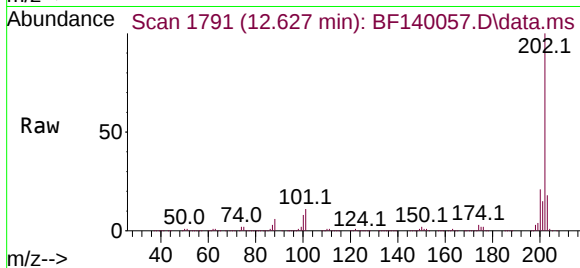
Tgt Ion:202 Resp: 983519

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.9

203 17.7 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: BF140057.D

Acq: 26 Oct 2024 13:58

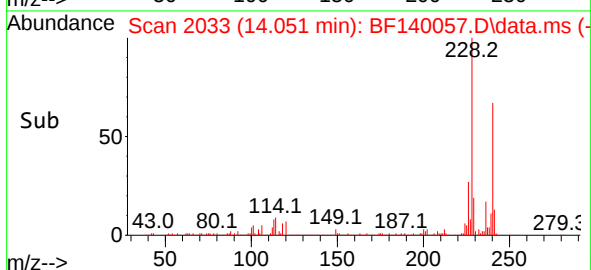
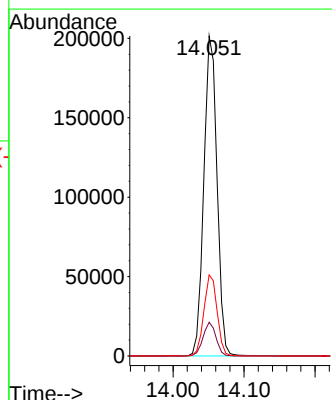
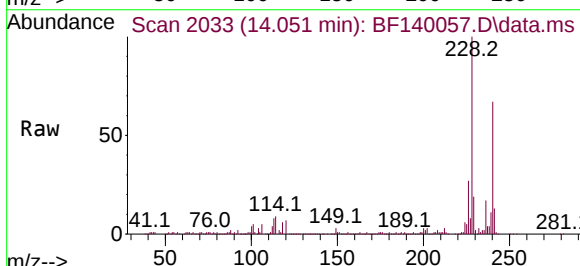
Tgt Ion:240 Resp: 260710

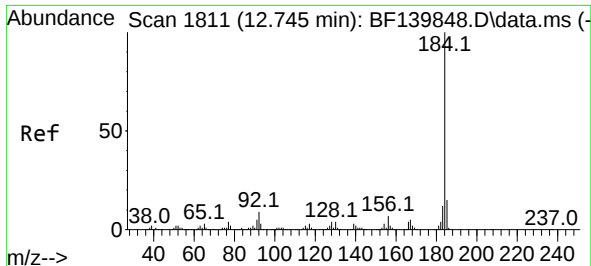
Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 25.3 20.9 31.3

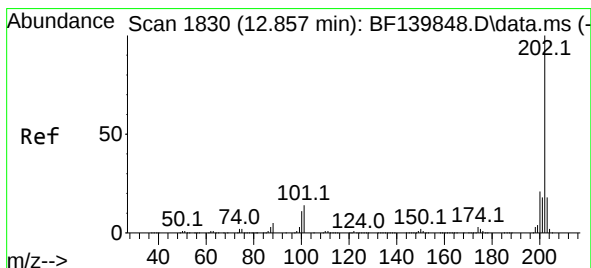
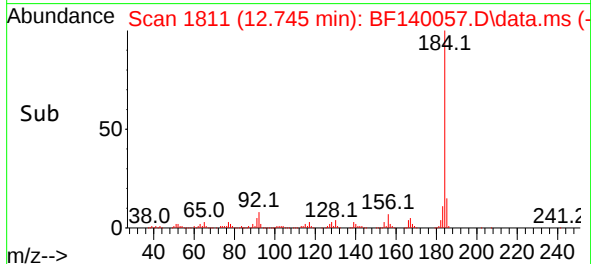
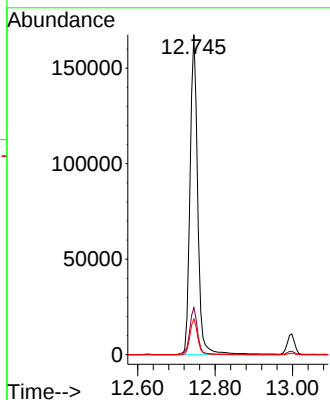
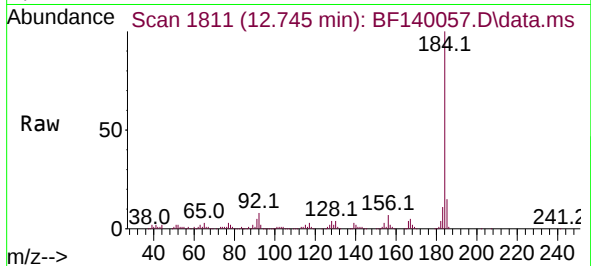




#77
Benzidine
Concen: 53.757 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

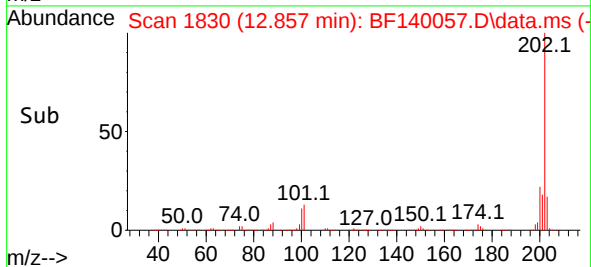
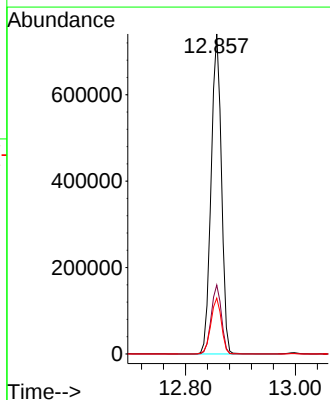
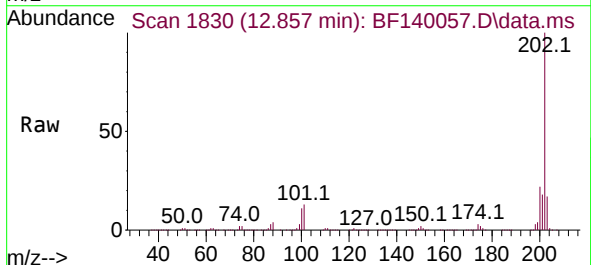
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

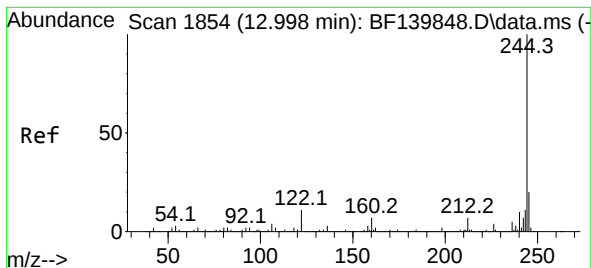
Tgt Ion:184 Resp: 230453
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 11.2 9.4 14.2



#78
Pyrene
Concen: 42.164 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:202 Resp: 962217
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 68.674 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

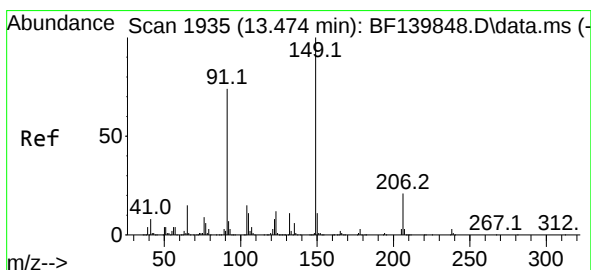
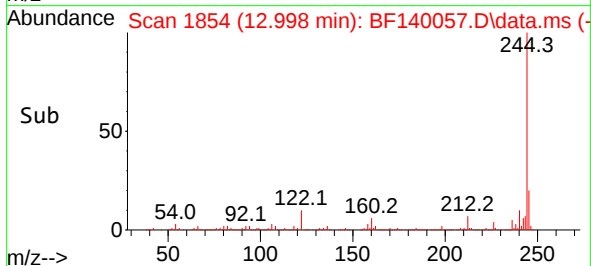
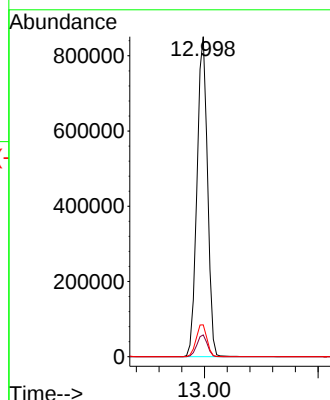
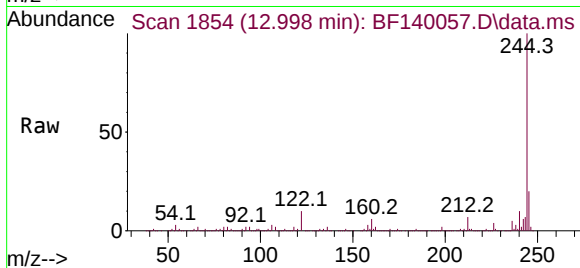
Tgt Ion:244 Resp: 1098755

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.0 8.6 13.0



#80

Butylbenzylphthalate

Concen: 55.318 ng

RT: 13.469 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

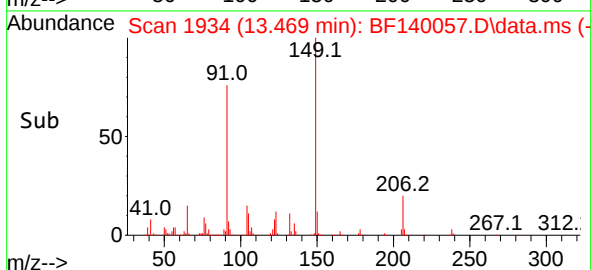
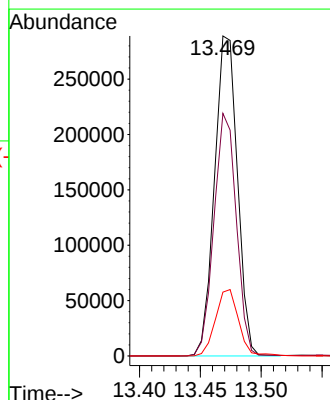
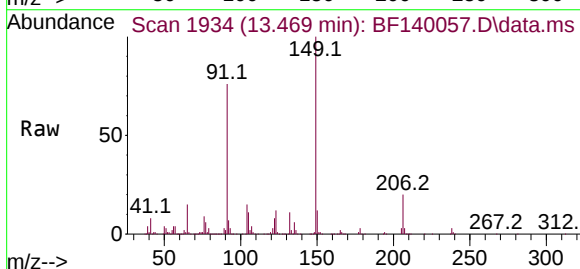
Tgt Ion:149 Resp: 378474

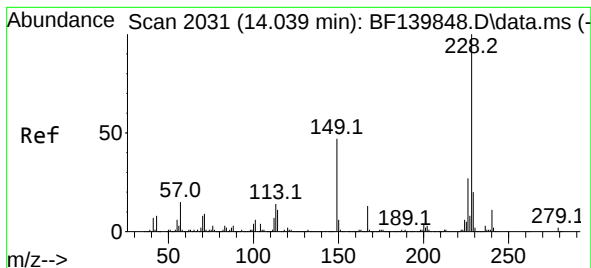
Ion Ratio Lower Upper

149 100

91 75.8 59.4 89.2

206 20.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 42.809 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

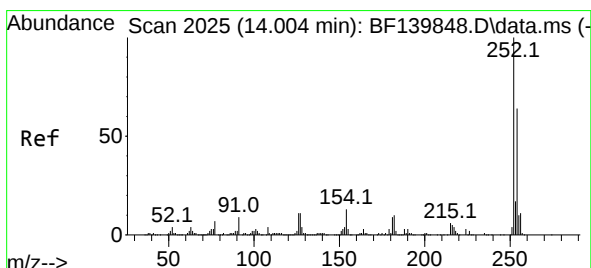
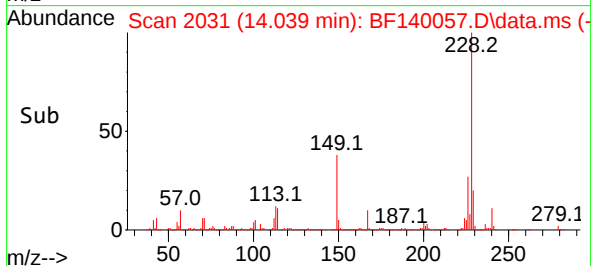
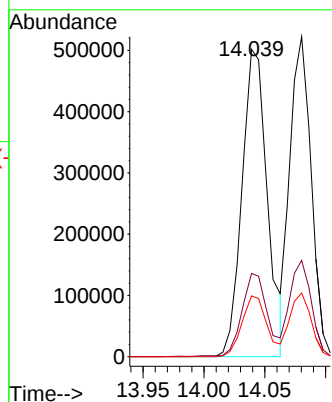
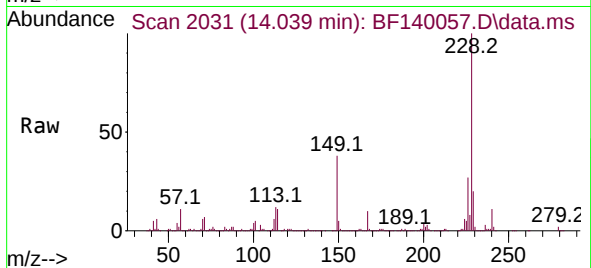
Tgt Ion:228 Resp: 726535

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 22.353 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

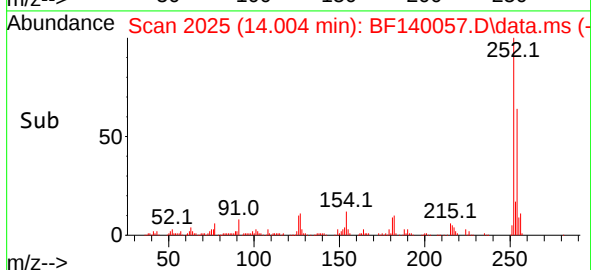
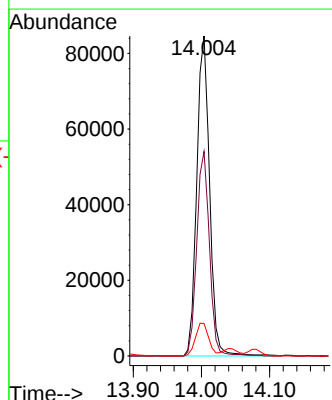
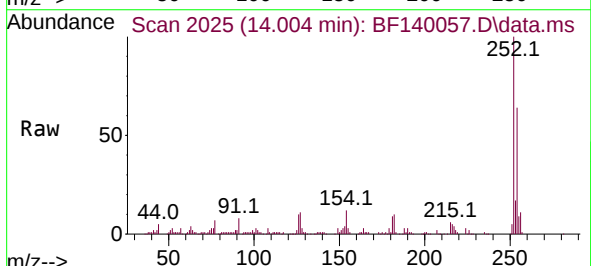
Tgt Ion:252 Resp: 110608

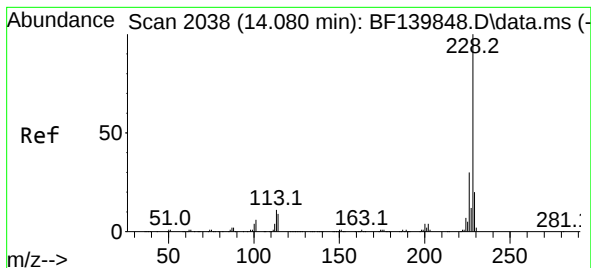
Ion Ratio Lower Upper

252 100

254 63.9 50.8 76.2

126 10.1 8.9 13.3





#83

Chrysene

Concen: 40.980 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

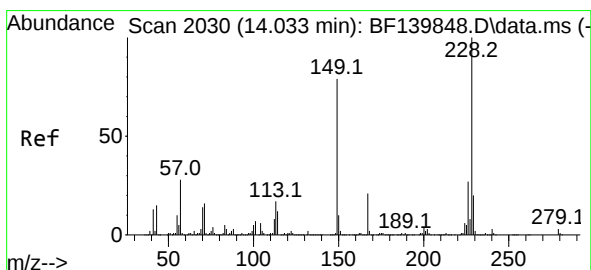
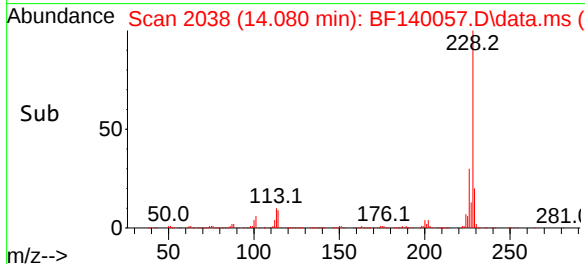
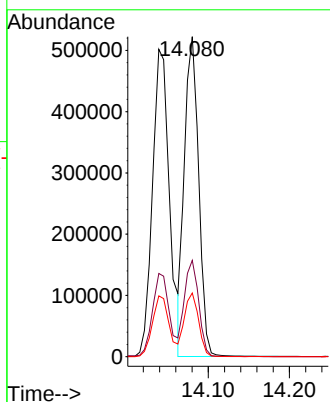
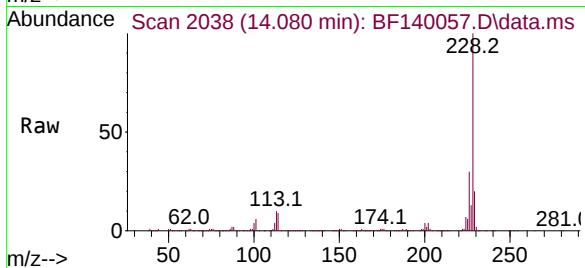
Tgt Ion:228 Resp: 637684

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.011 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

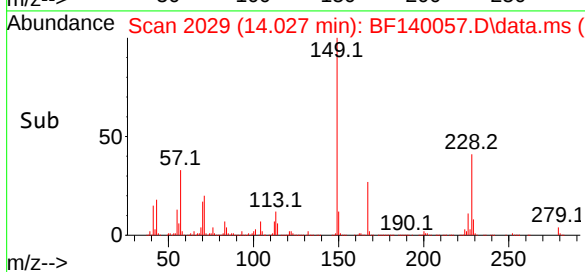
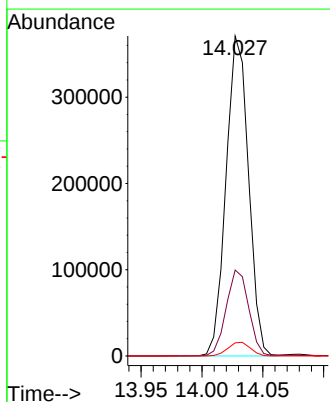
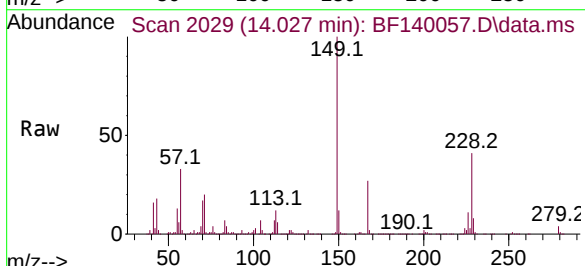
Tgt Ion:149 Resp: 475998

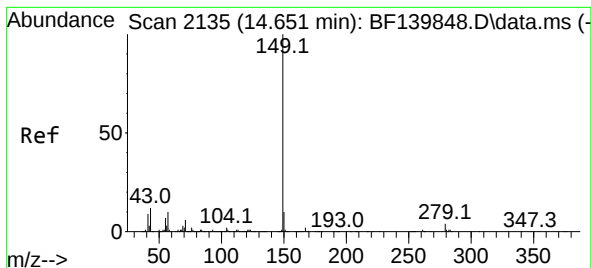
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 53.559 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

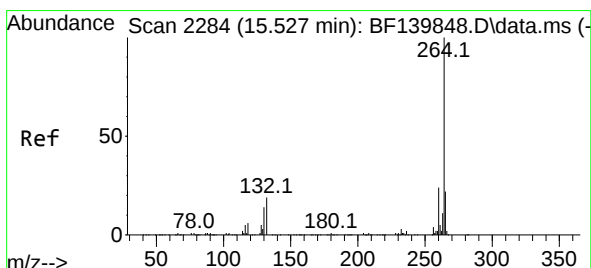
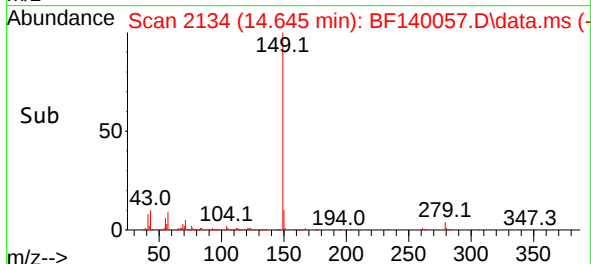
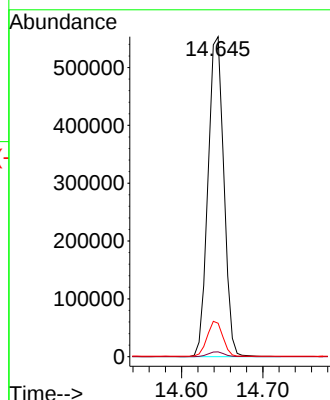
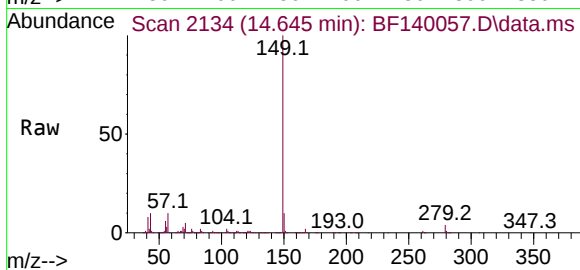
Tgt Ion:149 Resp: 747779

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 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: BF140057.D

Acq: 26 Oct 2024 13:58

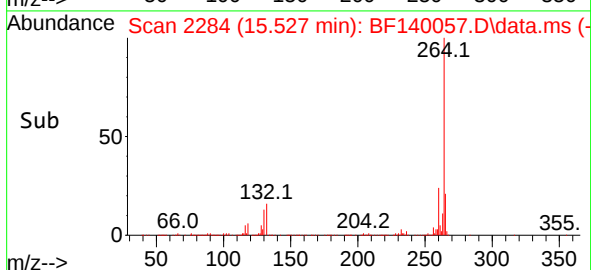
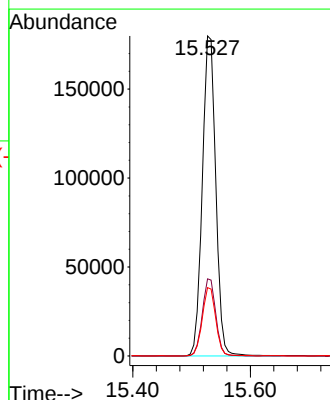
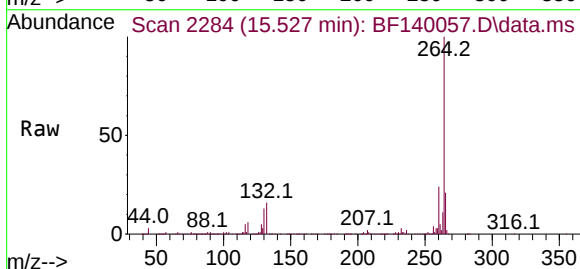
Tgt Ion:264 Resp: 285198

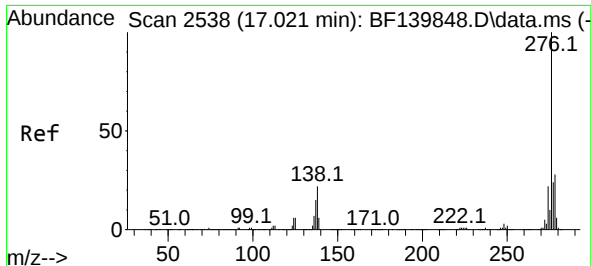
Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.3 17.4 26.0

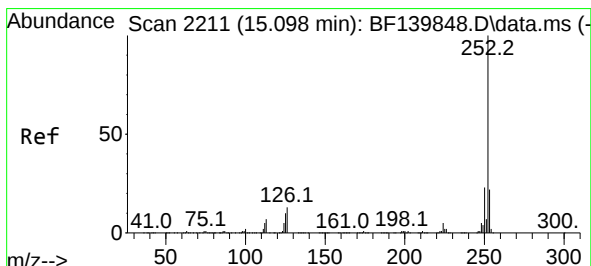
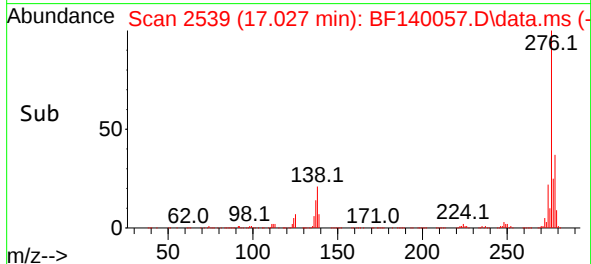
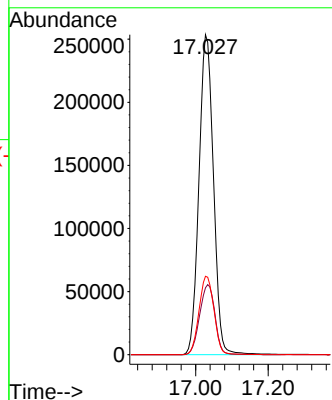
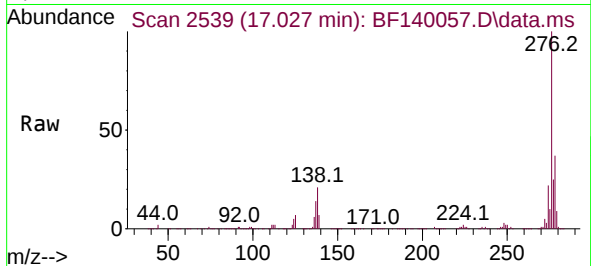




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.304 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

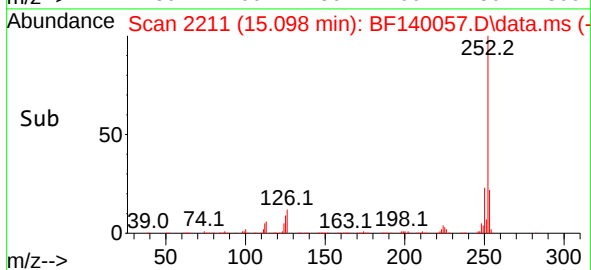
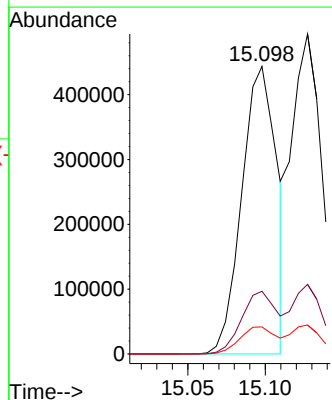
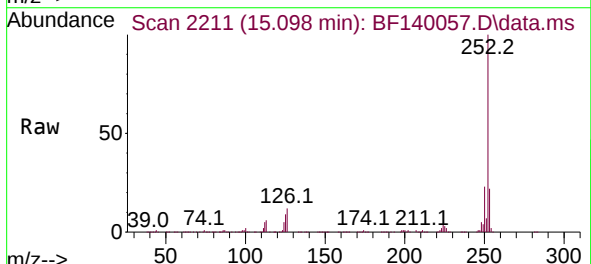
Instrument :
BNA_F
ClientSampleId :
BP-F-20MS

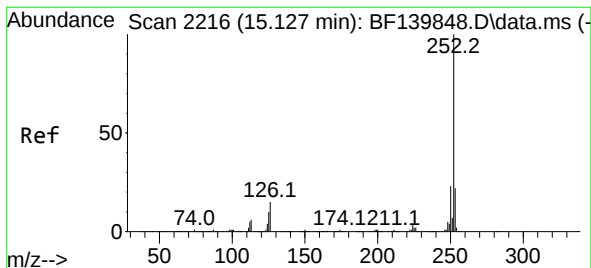
Tgt Ion:276 Resp: 702784
Ion Ratio Lower Upper
276 100
138 23.2 20.4 30.6
277 25.4 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 39.802 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140057.D
Acq: 26 Oct 2024 13:58

Tgt Ion:252 Resp: 691475
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.4 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 45.233 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

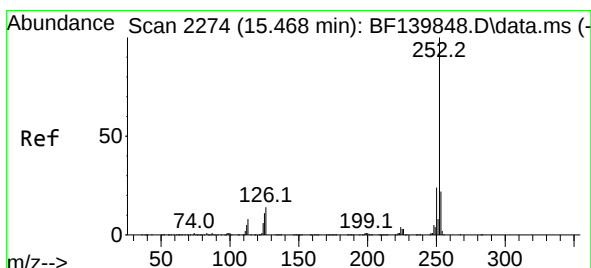
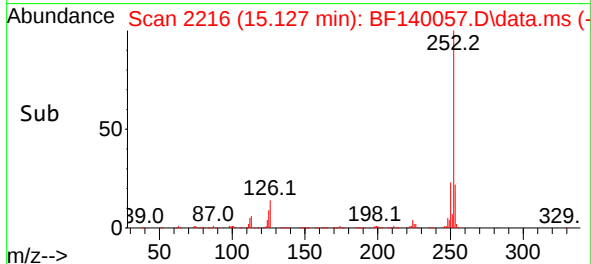
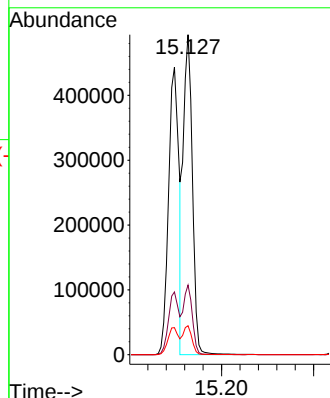
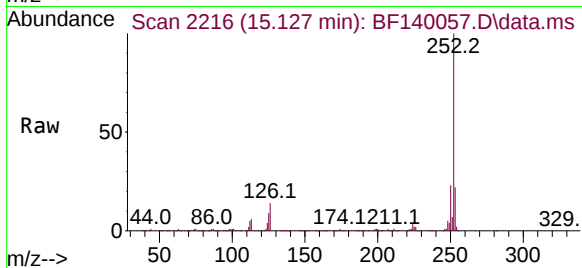
Tgt Ion:252 Resp: 677714

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.1 7.9 11.9



#90

Benzo(a)pyrene

Concen: 46.333 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

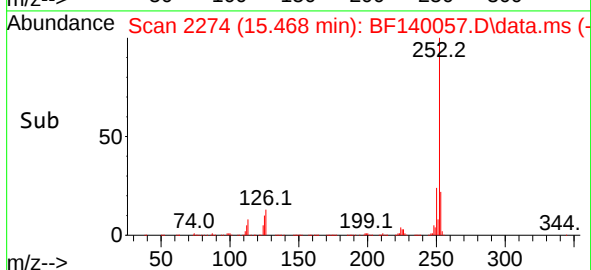
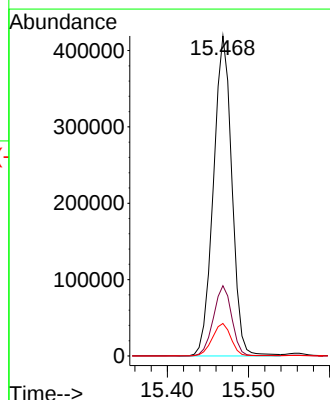
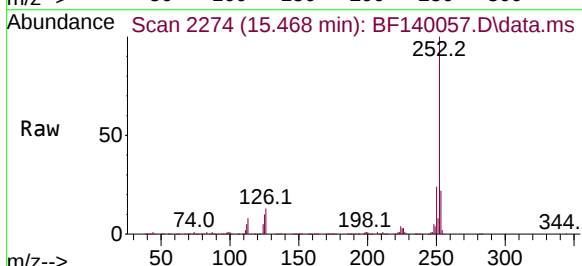
Tgt Ion:252 Resp: 662337

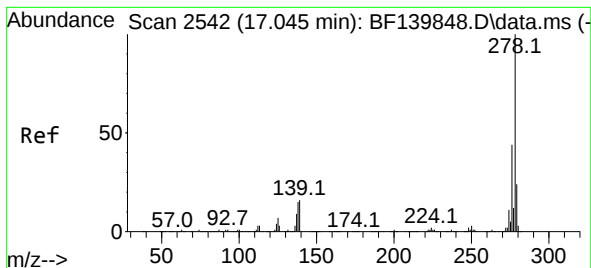
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.1 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 38.449 ng

RT: 17.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

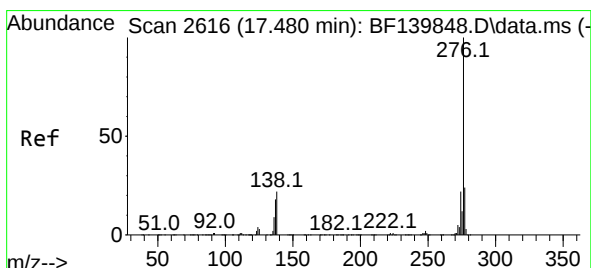
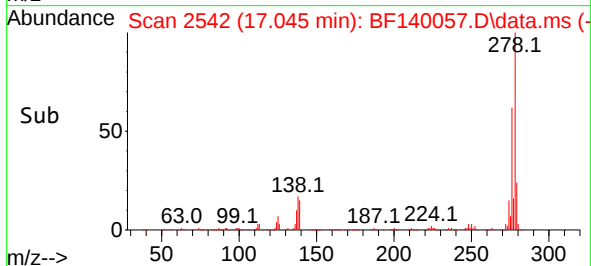
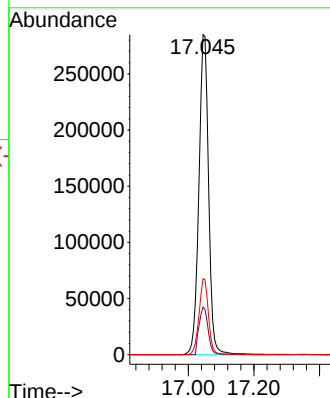
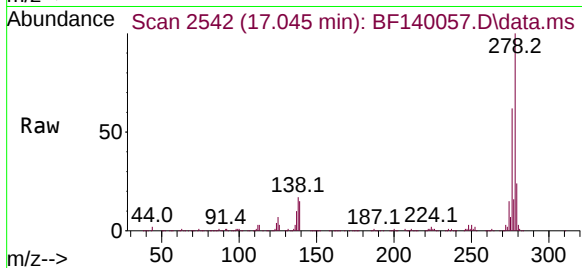
Tgt Ion:278 Resp: 588503

Ion Ratio Lower Upper

278 100

139 14.8 13.1 19.7

279 23.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 32.245 ng

RT: 17.480 min Scan# 2616

Delta R.T. 0.000 min

Lab File: BF140057.D

Acq: 26 Oct 2024 13:58

Tgt Ion:276 Resp: 492985

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 19.8 17.4 26.0

