

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140753.D
 Acq On : 05 Dec 2024 17:19
 Operator : RC/JU
 Sample : P5096-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-AMS

Quant Time: Dec 05 17:39:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	67405	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	250139	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	136184	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	233226	20.000	ng	0.00
76) Chrysene-d12	14.057	240	135190	20.000	ng	0.00
86) Perylene-d12	15.568	264	148168	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	471956	119.465	ng	0.01
7) Phenol-d6	6.516	99	624013	119.480	ng	0.00
23) Nitrobenzene-d5	7.434	82	402880	82.384	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	177893	122.138	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	757616	82.888	ng	-0.01
79) Terphenyl-d14	12.980	244	636920	73.361	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	72869	43.870	ng	98
3) Pyridine	3.463	79	158060	43.250	ng	98
4) n-Nitrosodimethylamine	3.416	42	97446	45.367	ng	95
6) Aniline	6.540	93	145030	39.453	ng	# 80
8) 2-Chlorophenol	6.663	128	221030	52.004	ng	95
9) Benzaldehyde	6.422	77	65735	23.775	ng	99
10) Phenol	6.528	94	279089	52.325	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	214122	52.461	ng	99
12) 1,3-Dichlorobenzene	6.810	146	229888	48.137	ng	99
13) 1,4-Dichlorobenzene	6.887	146	235804	48.764	ng	99
14) 1,2-Dichlorobenzene	7.040	146	222915	49.196	ng	99
15) Benzyl Alcohol	7.016	79	173205	44.719	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	247146	51.255	ng	65
17) 2-Methylphenol	7.134	107	167077	49.108	ng	94
18) Hexachloroethane	7.375	117	87377	48.380	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	157868	51.146	ng	97
20) 3+4-Methylphenols	7.293	107	224425	51.320	ng	# 69
22) Acetophenone	7.281	105	303315	49.738	ng	94
24) Nitrobenzene	7.451	77	234895	46.475	ng	98
25) Isophorone	7.693	82	422240	51.767	ng	99
26) 2-Nitrophenol	7.769	139	116462	51.996	ng	97
27) 2,4-Dimethylphenol	7.810	122	162990	60.820	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	252847	50.885	ng	99
29) 2,4-Dichlorophenol	8.028	162	185720	52.300	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	195127	48.126	ng	99
31) Naphthalene	8.175	128	636725	49.418	ng	99
32) Benzoic acid	7.951	122	82136	37.135	ng	98
33) 4-Chloroaniline	8.245	127	54595	14.152	ng	98
34) Hexachlorobutadiene	8.281	225	133989	49.893	ng	98
35) Caprolactam	8.598	113	39438	35.887	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	197193	49.597	ng	99
37) 2-Methylnaphthalene	8.863	142	421384	51.491	ng	99
38) 1-Methylnaphthalene	8.963	142	387025	48.248	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	208624	52.329	ng	99
41) Hexachlorocyclopentadiene	9.010	237	135429	144.642	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	128518	51.373	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	130709	48.143	ng	98
46) 1,1'-Biphenyl	9.328	154	525902	51.723	ng	100
47) 2-Chloronaphthalene	9.351	162	384381	49.892	ng	100
48) 2-Nitroaniline	9.457	65	120667	48.796	ng	98
49) Acenaphthylene	9.769	152	627189	53.880	ng	100
50) Dimethylphthalate	9.628	163	474200	52.871	ng	100
51) 2,6-Dinitrotoluene	9.698	165	101264	49.783	ng	93
52) Acenaphthene	9.939	154	378799	51.215	ng	99
53) 3-Nitroaniline	9.875	138	64539	32.440	ng	94
54) 2,4-Dinitrophenol	9.986	184	85216	80.803	ng	98
55) Dibenzofuran	10.116	168	572203	50.719	ng	99
56) 4-Nitrophenol	10.057	139	90861	66.967	ng	96
57) 2,4-Dinitrotoluene	10.104	165	133081	49.227	ng	96
58) Fluorene	10.457	166	452412	49.960	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	108191	51.850	ng	94
60) Diethylphthalate	10.328	149	467633	51.317	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	229717	51.691	ng	97
62) 4-Nitroaniline	10.492	138	90613	43.427	ng	95
63) Azobenzene	10.610	77	510575	59.165	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	67511	56.646	ng	92
66) n-Nitrosodiphenylamine	10.569	169	383995	55.675	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	132561	55.191	ng	96
68) Hexachlorobenzene	11.010	284	144554	51.977	ng	100
69) Atrazine	11.098	200	116576	60.082	ng	99
70) Pentachlorophenol	11.216	266	91617	74.848	ng	99
71) Phenanthrene	11.422	178	596117	53.173	ng	99
72) Anthracene	11.475	178	600909	54.795	ng	100
73) Carbazole	11.633	167	508011	48.154	ng	100
74) Di-n-butylphthalate	11.951	149	666151	54.694	ng	100
75) Fluoranthene	12.616	202	562021	46.172	ng	100
77) Benzidine	12.751	184	30096	7.657	ng	99
78) Pyrene	12.845	202	561670	44.934	ng	99
80) Butylbenzylphthalate	13.457	149	216707	48.125	ng	99
81) Benzo(a)anthracene	14.045	228	472285	52.775	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	108202	40.271	ng	99
83) Chrysene	14.086	228	438914	53.638	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	290339	51.062	ng	99
85) Di-n-octyl phthalate	14.651	149	485221	62.443	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	441369	45.710	ng	98
88) Benzo(b)fluoranthene	15.127	252	502800	54.026	ng	100
89) Benzo(k)fluoranthene	15.157	252	414643	50.913	ng	100
90) Benzo(a)pyrene	15.504	252	435170	57.509	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	370109	46.803	ng	98
92) Benzo(g,h,i)perylene	17.551	276	309045	38.298	ng	99

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

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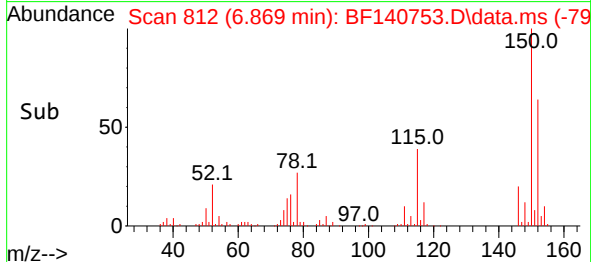
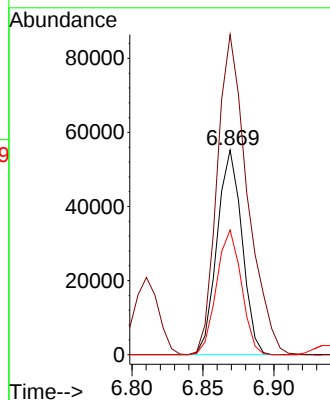
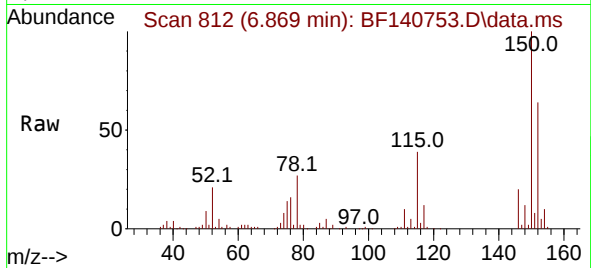




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140753.D
 Acq: 05 Dec 2024 17:19

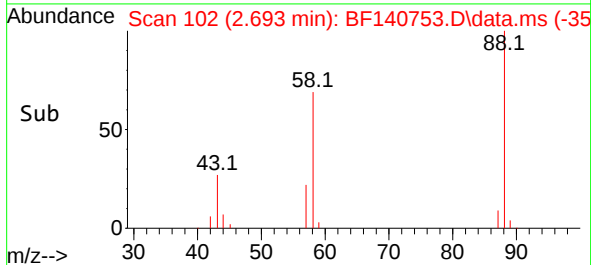
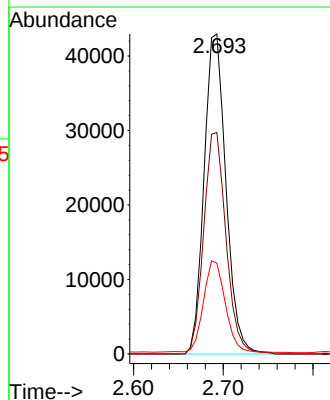
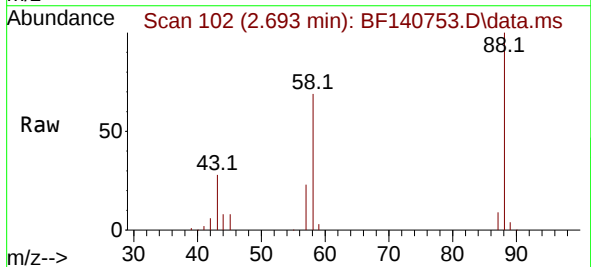
Instrument :
 BNA_F
 ClientSampleId :
 MH-AMS

Tgt Ion:152 Resp: 67405
 Ion Ratio Lower Upper
 152 100
 150 156.4 128.5 192.7
 115 60.9 50.2 75.4



#2
 1,4-Dioxane
 Concen: 43.870 ng
 RT: 2.693 min Scan# 102
 Delta R.T. 0.041 min
 Lab File: BF140753.D
 Acq: 05 Dec 2024 17:19

Tgt Ion: 88 Resp: 72869
 Ion Ratio Lower Upper
 88 100
 58 70.5 57.4 86.2
 43 29.0 24.3 36.5





#3

Pyridine

Concen: 43.250 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

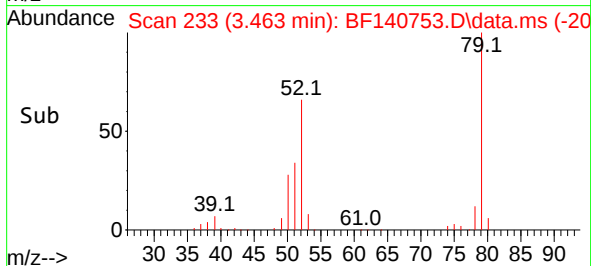
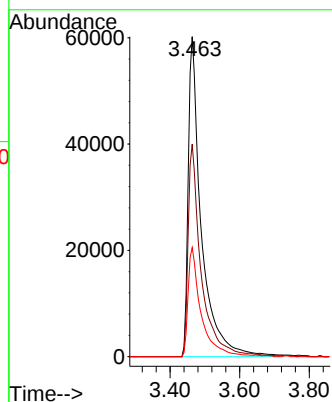
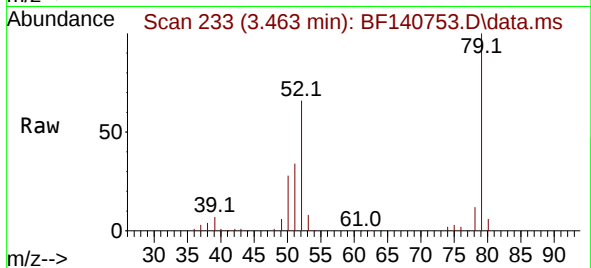
Tgt Ion: 79 Resp: 158060

Ion Ratio Lower Upper

79 100

52 66.4 52.1 78.1

51 34.1 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 45.367 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.035 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

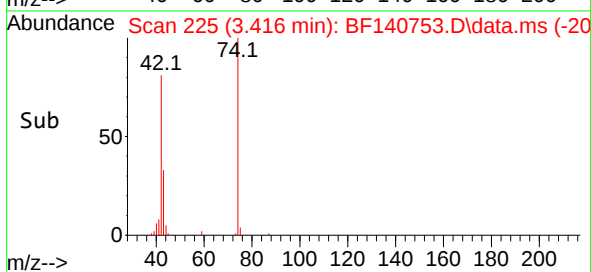
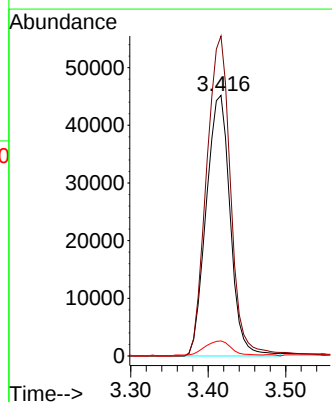
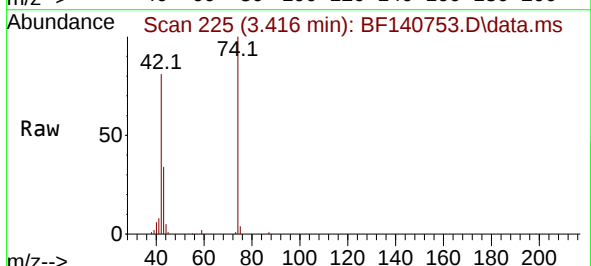
Tgt Ion: 42 Resp: 97446

Ion Ratio Lower Upper

42 100

74 122.8 93.8 140.6

44 5.8 4.6 6.8

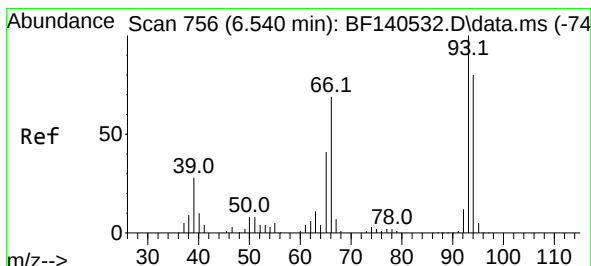
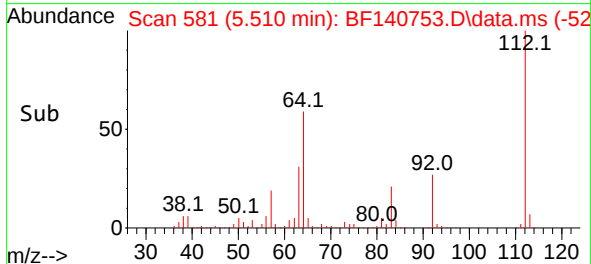
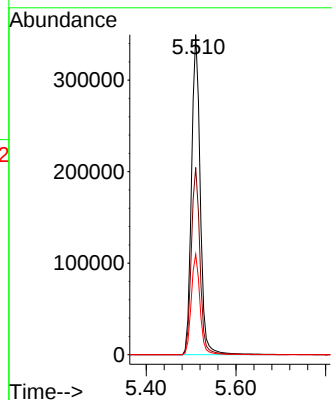
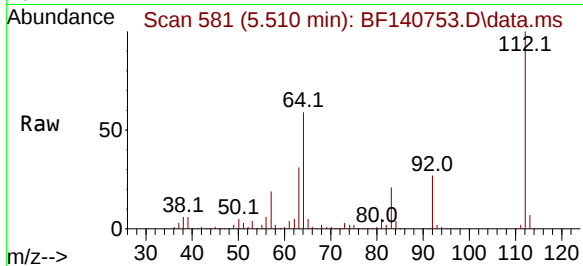




#5
2-Fluorophenol
Concen: 119.465 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

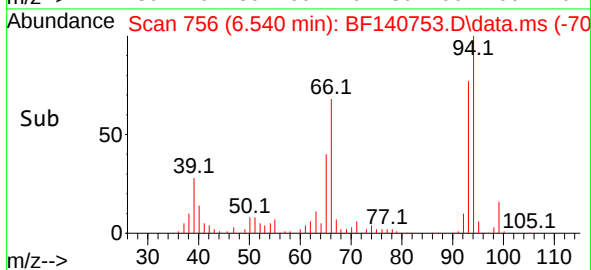
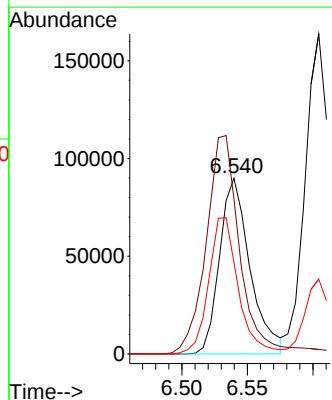
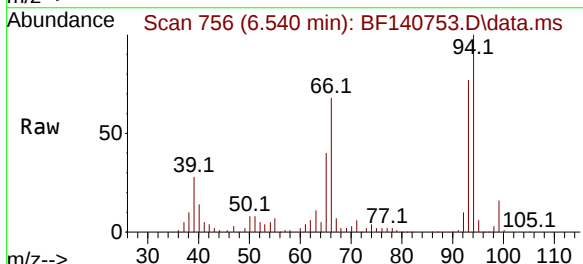
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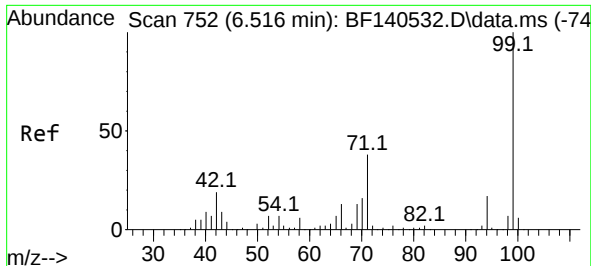
Tgt Ion:112 Resp: 471956
Ion Ratio Lower Upper
112 100
64 58.5 49.2 73.8
63 31.3 27.0 40.4



#6
Aniline
Concen: 39.453 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion: 93 Resp: 145030
Ion Ratio Lower Upper
93 100
66 88.2 56.5 84.7#
65 52.0 32.9 49.3#





#7

Phenol-d6

Concen: 119.480 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

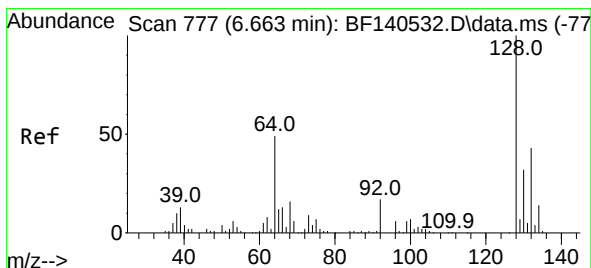
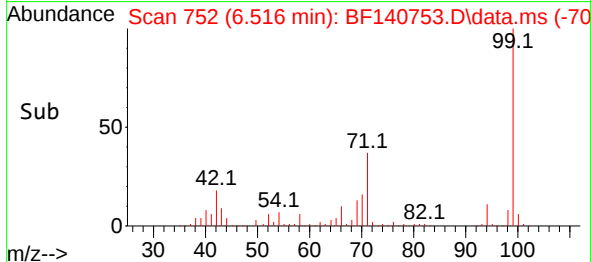
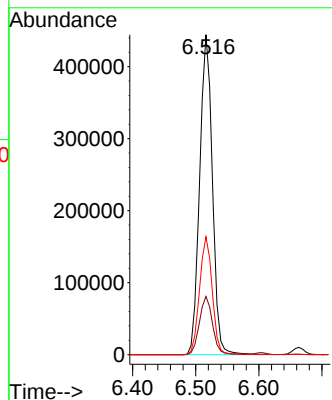
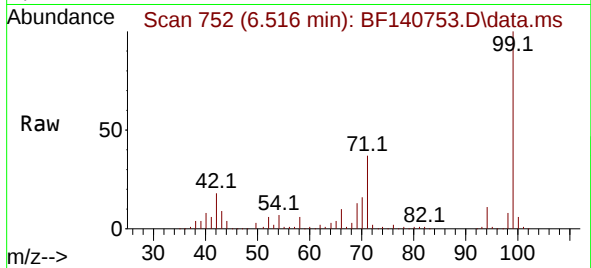
Tgt Ion: 99 Resp: 624013

Ion Ratio Lower Upper

99 100

42 18.2 15.4 23.0

71 36.8 30.6 46.0



#8

2-Chlorophenol

Concen: 52.004 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

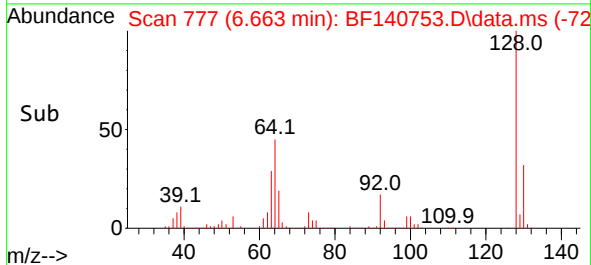
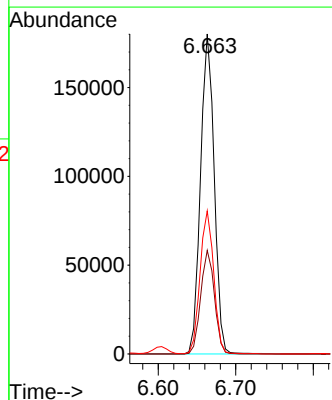
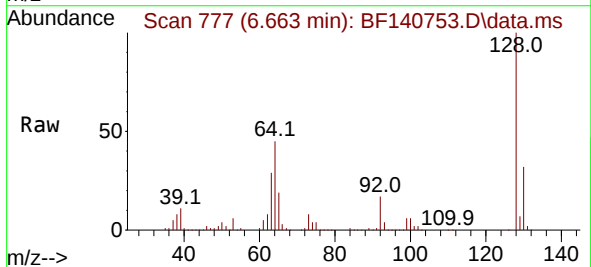
Tgt Ion:128 Resp: 221030

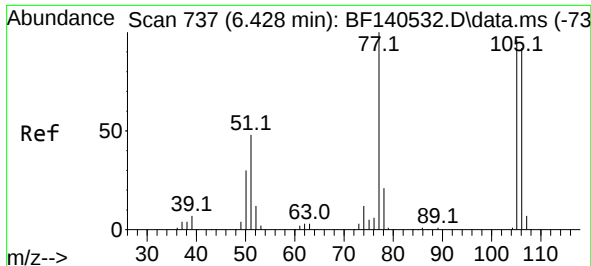
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 44.7 30.2 70.2

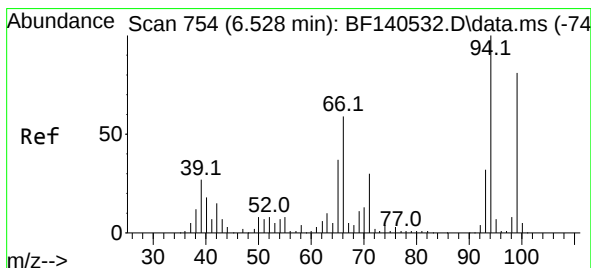
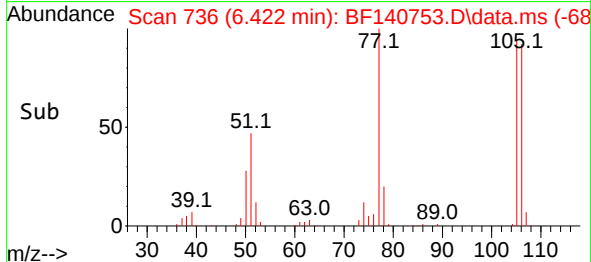
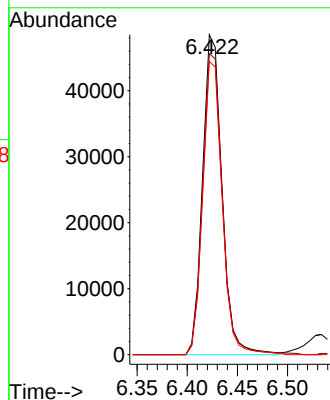
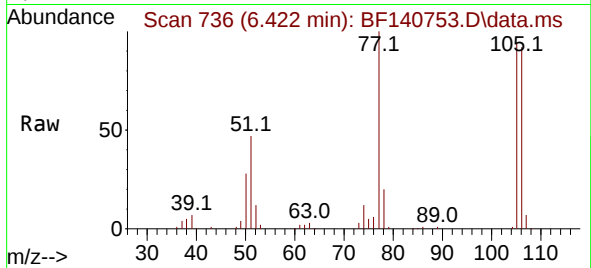




#9
Benzaldehyde
Concen: 23.775 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

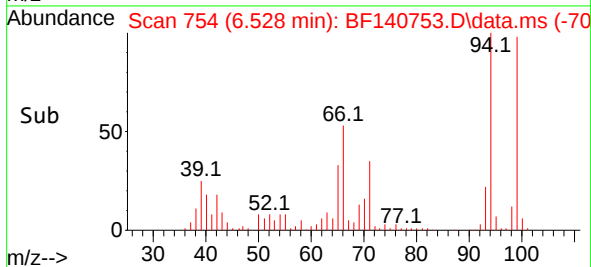
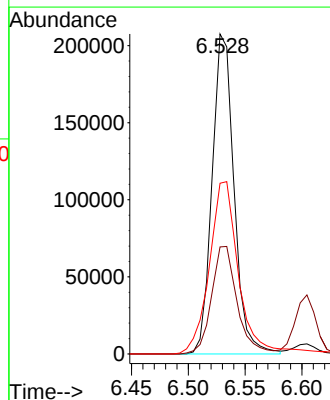
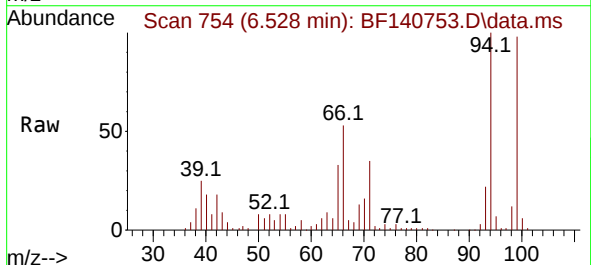
Instrument :
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Tgt Ion: 77 Resp: 65735
Ion Ratio Lower Upper
77 100
105 94.0 75.6 115.6
106 91.7 72.0 112.0



#10
Phenol
Concen: 52.325 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion: 94 Resp: 279089
Ion Ratio Lower Upper
94 100
65 33.5 17.2 57.2
66 53.3 39.2 79.2

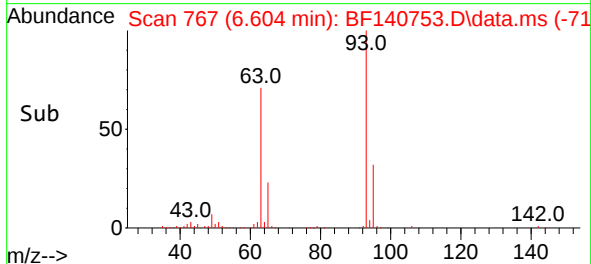
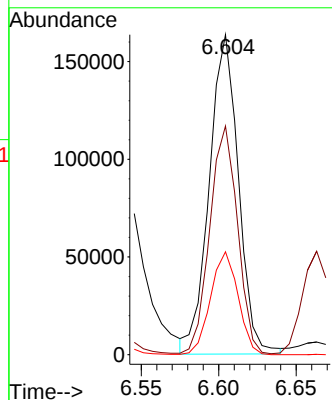
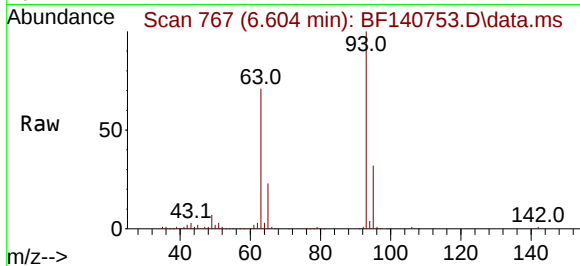




#11
bis(2-Chloroethyl)ether
Concen: 52.461 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

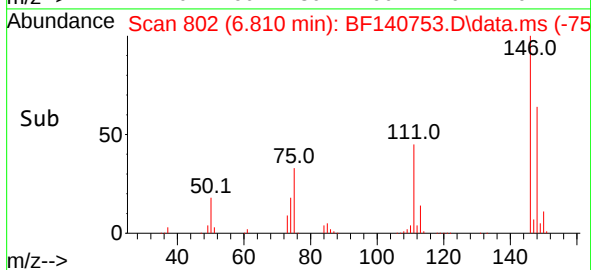
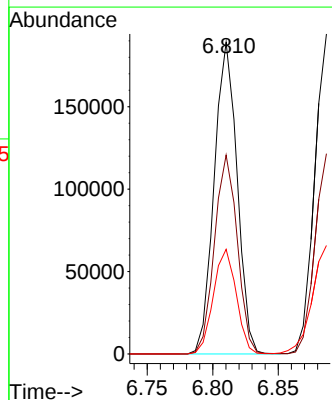
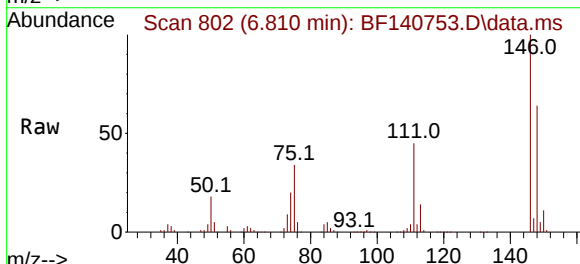
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 93 Resp: 214122
Ion Ratio Lower Upper
93 100
63 71.5 52.8 92.8
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.137 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion: 146 Resp: 229888
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 33.6 28.2 42.2

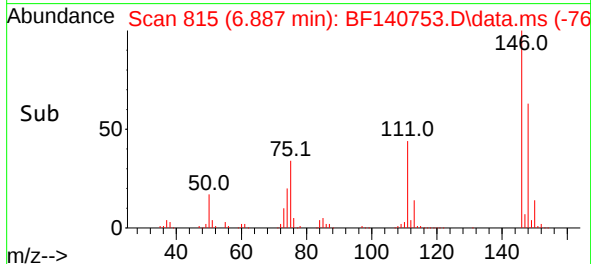
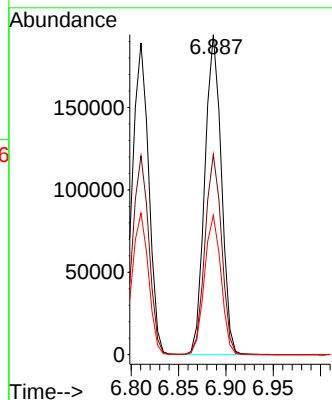
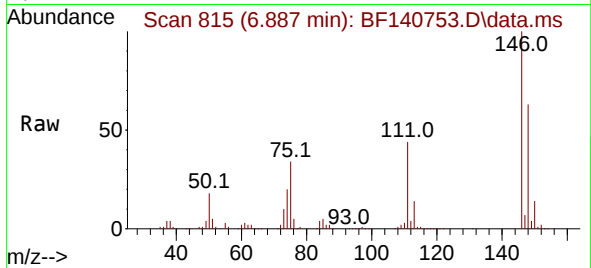




#13
1,4-Dichlorobenzene
Concen: 48.764 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

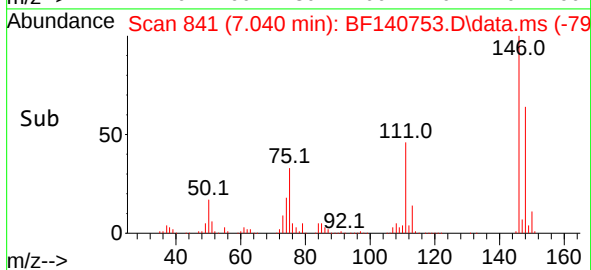
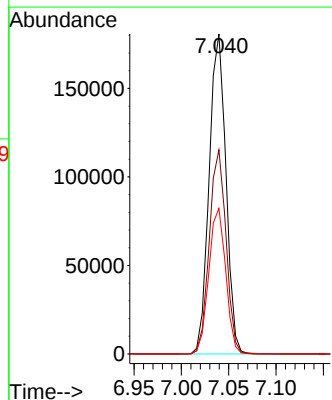
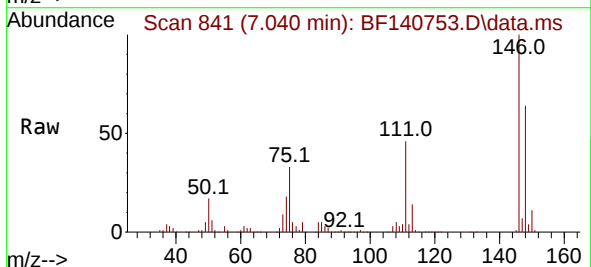
Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:146 Resp: 235804
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.6
111 43.6 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 49.196 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:146 Resp: 222915
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 45.5 36.7 55.1

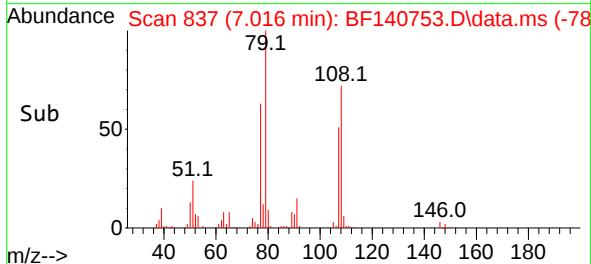
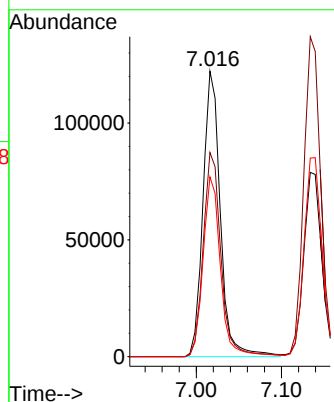
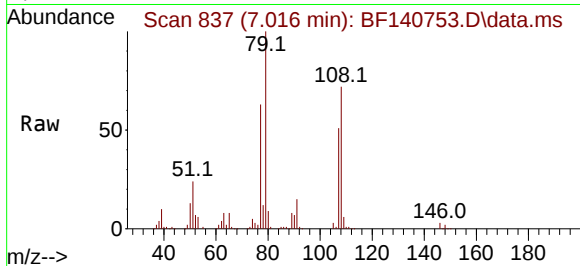




#15
Benzyl Alcohol
Concen: 44.719 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

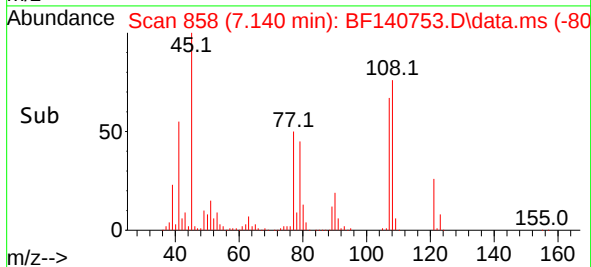
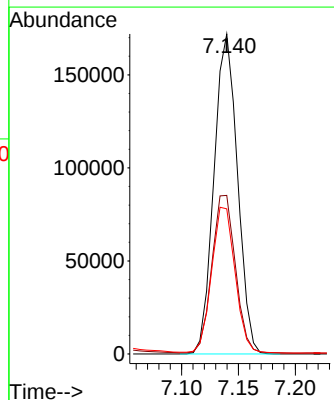
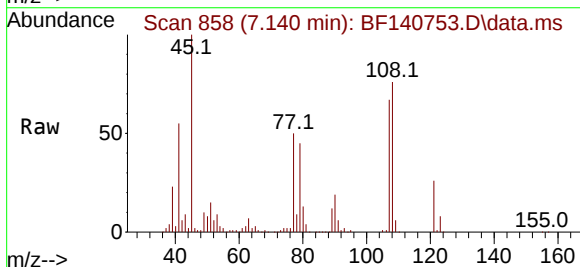
Instrument :
BNA_F
ClientSampleId :
MH-AMS

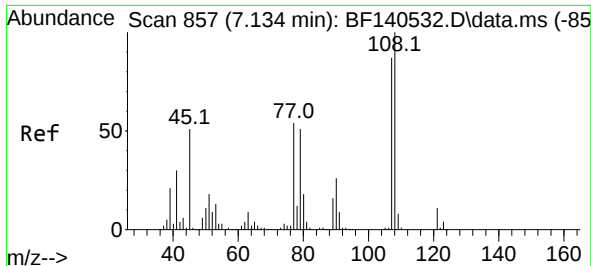
Tgt Ion: 79 Resp: 173205
Ion Ratio Lower Upper
79 100
108 71.5 55.0 82.6
77 63.0 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.255 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion: 45 Resp: 247146
Ion Ratio Lower Upper
45 100
77 49.5 10.7 50.7
79 45.4 7.0 47.0



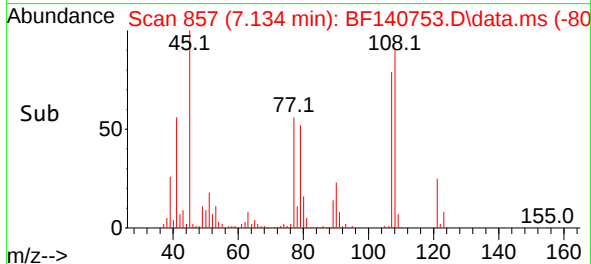
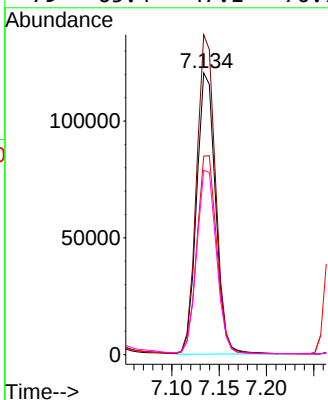
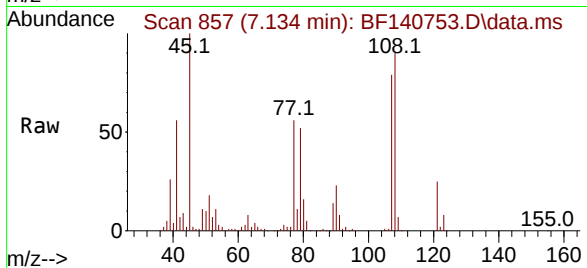


#17
2-Methylphenol
Concen: 49.108 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:107 Resp: 167077

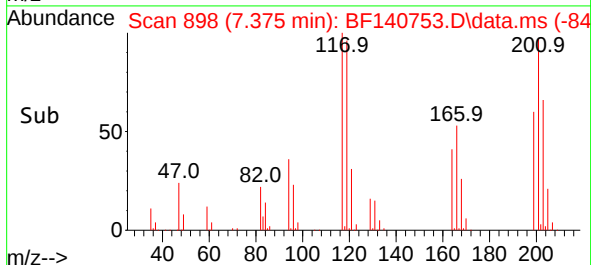
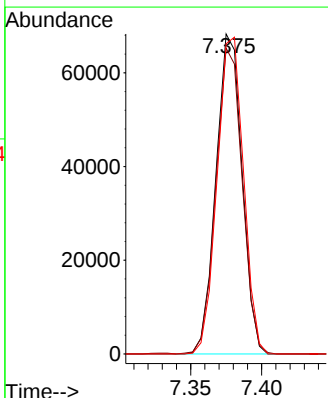
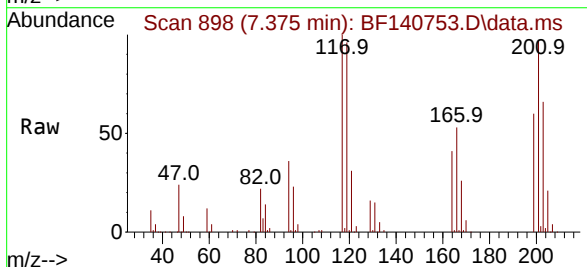
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.7	137.5
77	70.5	49.3	73.9
79	65.4	47.1	70.7



#18
Hexachloroethane
Concen: 48.380 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:117 Resp: 87377

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.1	115.7
201	96.9	81.1	121.7



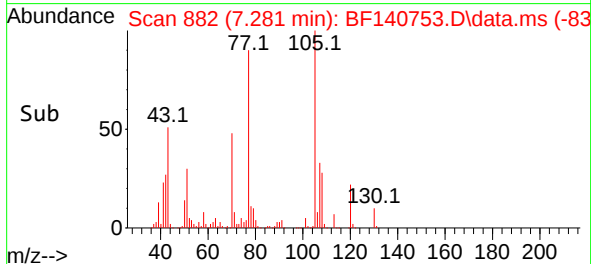
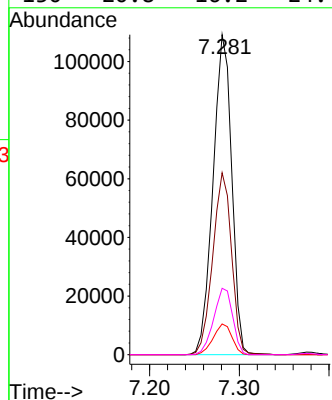
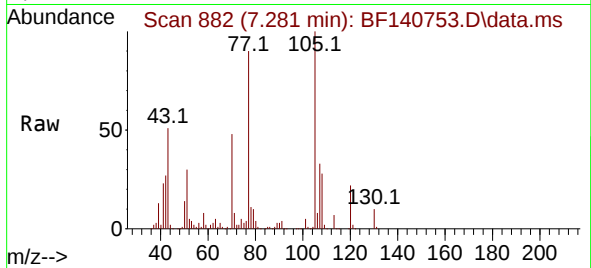


#19
n-Nitroso-di-n-propylamine
Concen: 51.146 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion: 70 Resp: 157868

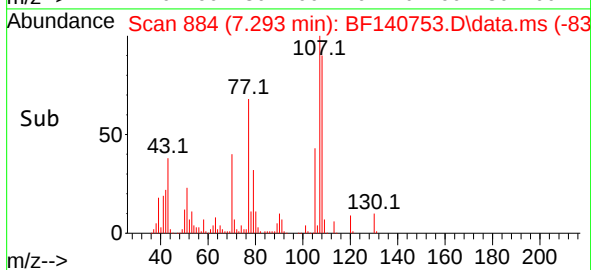
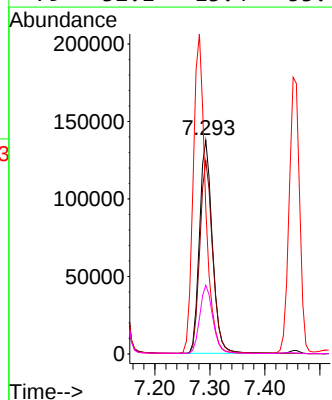
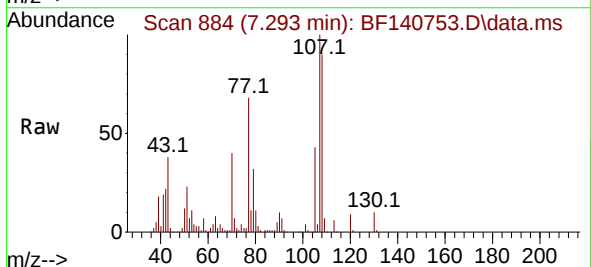
Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.6	71.4
101	9.6	7.6	11.4
130	20.8	16.2	24.4

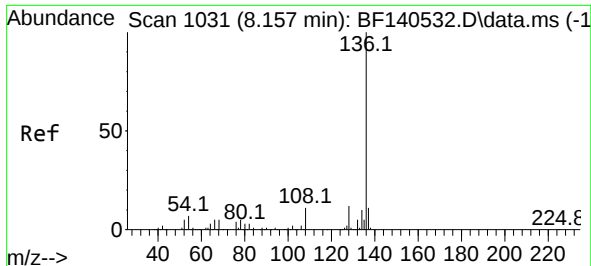


#20
3+4-Methylphenols
Concen: 51.320 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion: 107 Resp: 224425

Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.9	109.9
77	68.0	117.7	157.7#
79	32.1	13.4	53.4

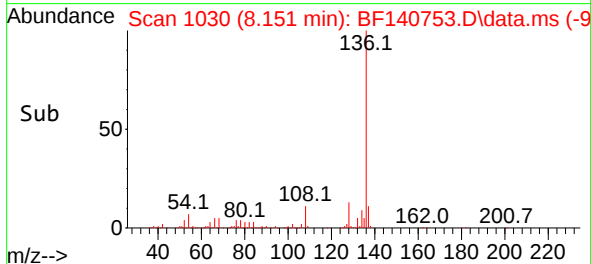
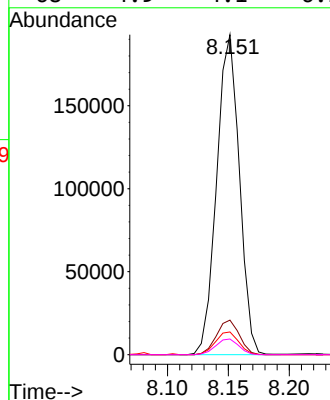
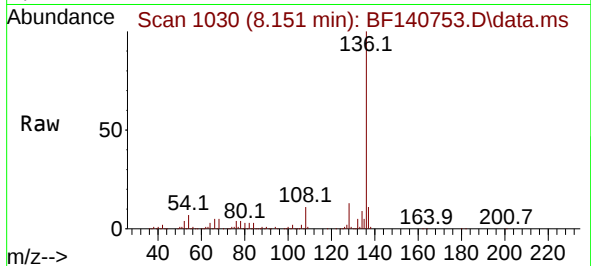




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

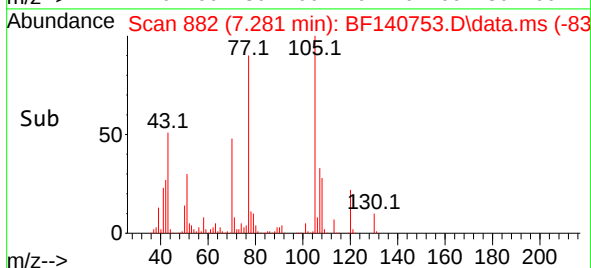
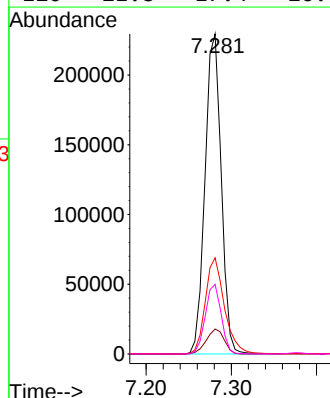
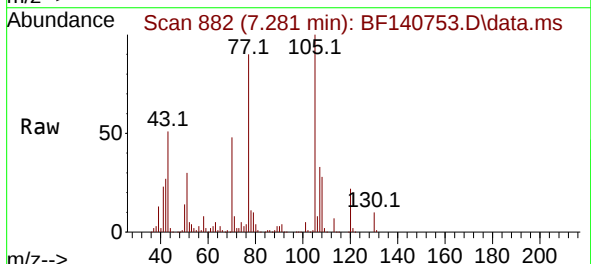
Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:	136	Resp:	250139
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.1	5.8	8.8
68	4.9	4.1	6.1



#22
Acetophenone
Concen: 49.738 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:	105	Resp:	303315
Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.2	9.2
51	30.1	29.0	43.6
120	21.8	17.4	26.0





#23

Nitrobenzene-d5

Concen: 82.384 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

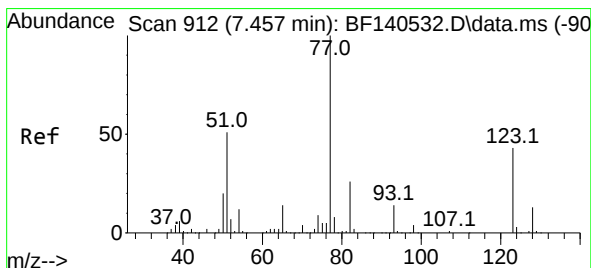
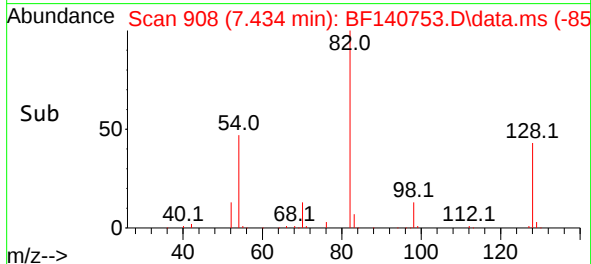
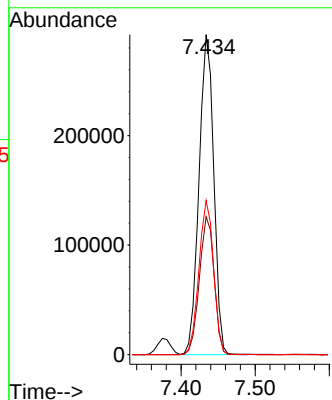
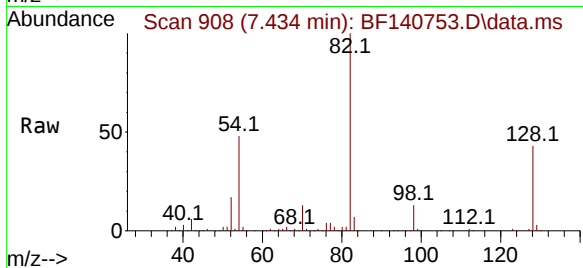
Tgt Ion: 82 Resp: 402880

Ion Ratio Lower Upper

82 100

128 43.1 33.0 49.4

54 48.2 39.5 59.3



#24

Nitrobenzene

Concen: 46.475 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

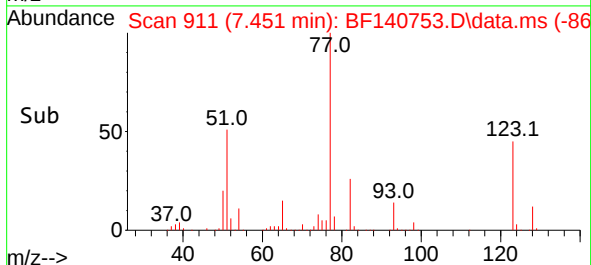
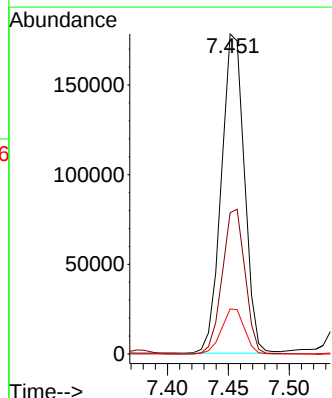
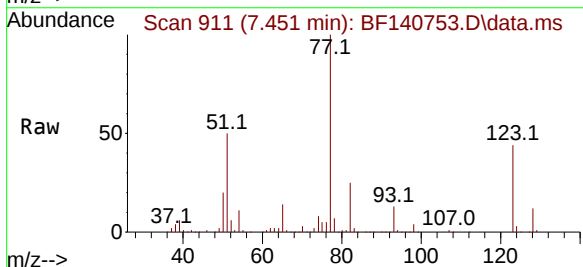
Tgt Ion: 77 Resp: 234895

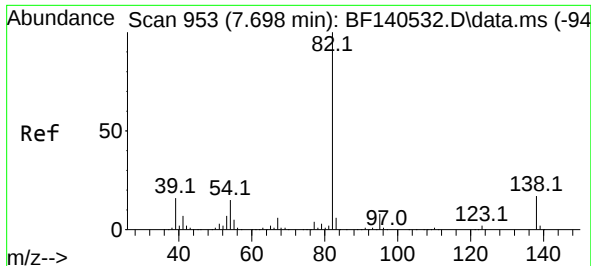
Ion Ratio Lower Upper

77 100

123 44.2 34.3 51.5

65 14.0 11.2 16.8

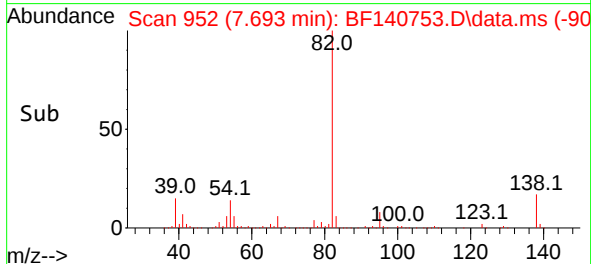
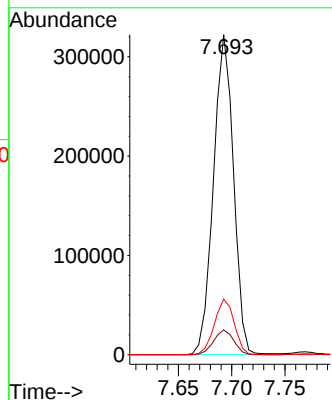
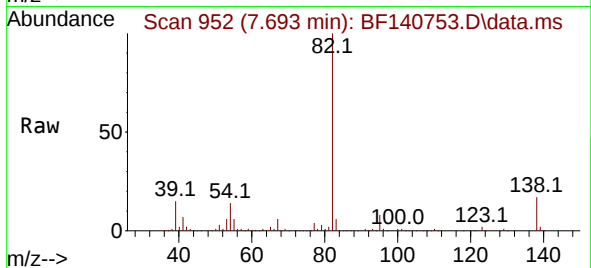




#25
Isophorone
Concen: 51.767 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

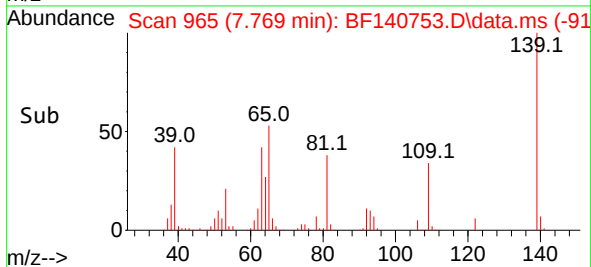
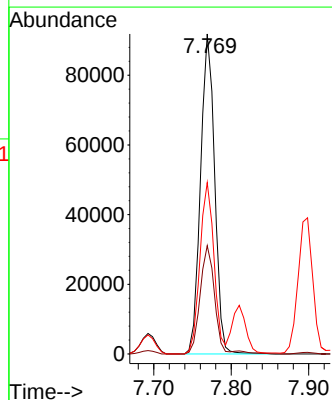
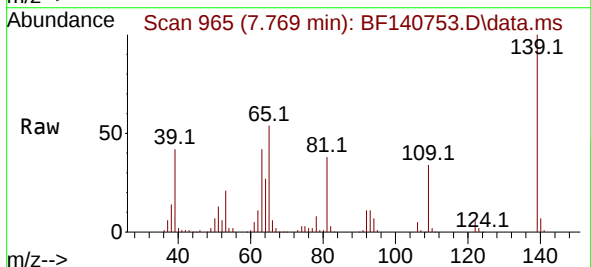
Instrument :
BNA_F
ClientSampleId :
MH-AMS

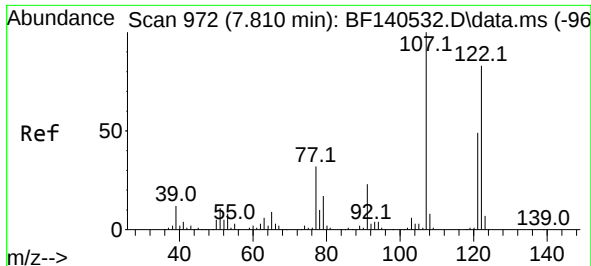
Tgt Ion: 82 Resp: 422240
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.4 13.8 20.6



#26
2-Nitrophenol
Concen: 51.996 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:139 Resp: 116462
Ion Ratio Lower Upper
139 100
109 33.9 28.0 42.0
65 53.6 44.6 67.0

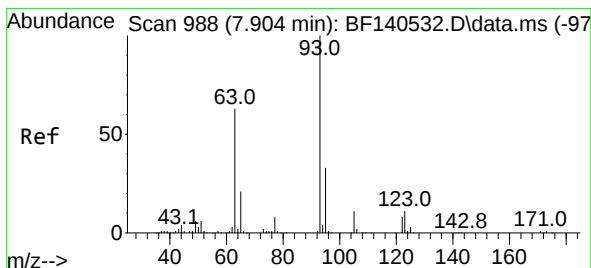
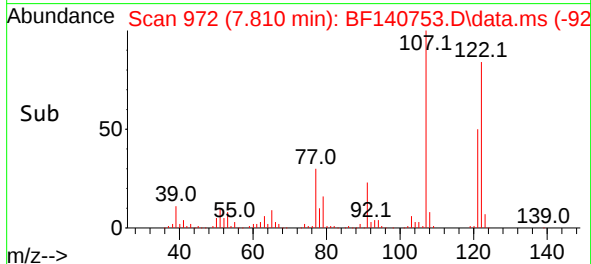
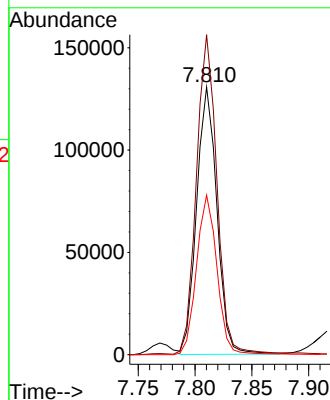
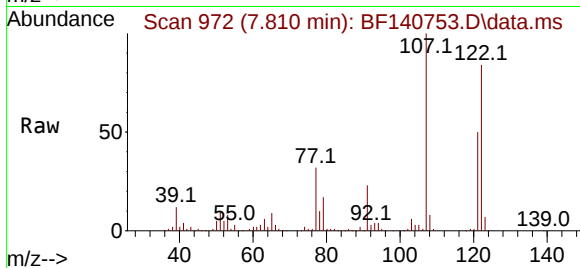




#27
2,4-Dimethylphenol
Concen: 60.820 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

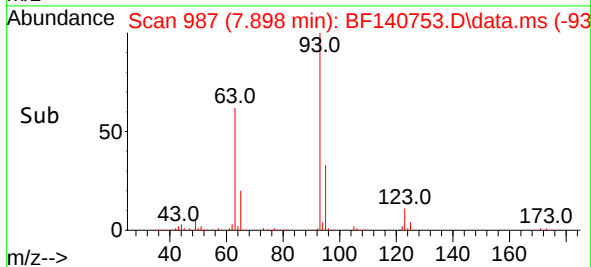
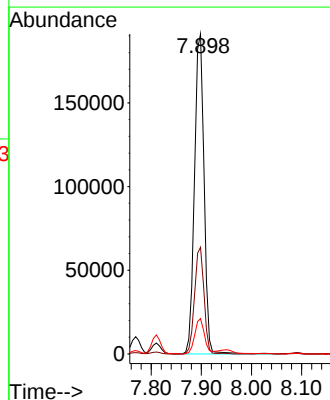
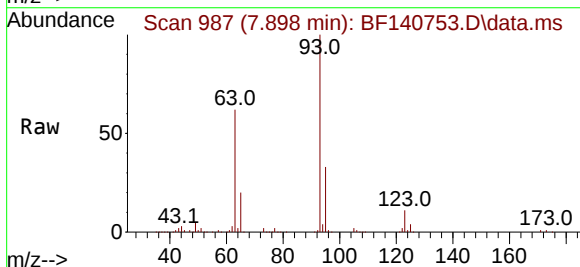
Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:122 Resp: 162990
Ion Ratio Lower Upper
122 100
107 119.5 96.8 145.2
121 59.6 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 50.885 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion: 93 Resp: 252847
Ion Ratio Lower Upper
93 100
95 33.4 26.1 39.1
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.300 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

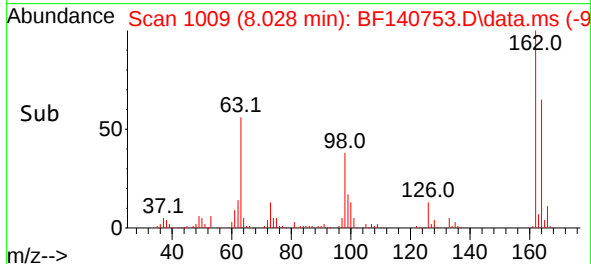
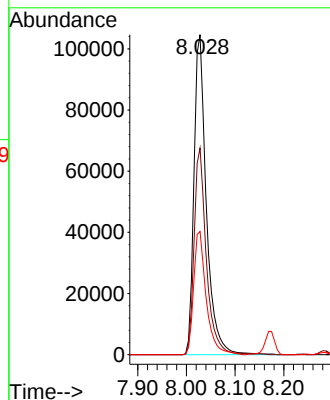
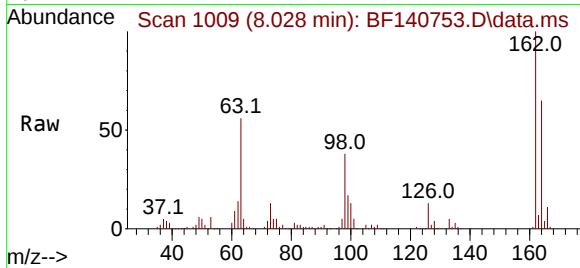
Tgt Ion:162 Resp: 185720

Ion Ratio Lower Upper

162 100

164 64.5 44.8 84.8

98 38.5 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 48.126 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

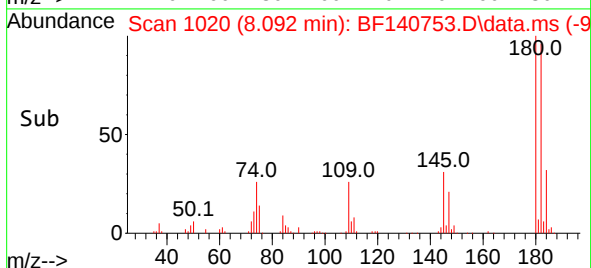
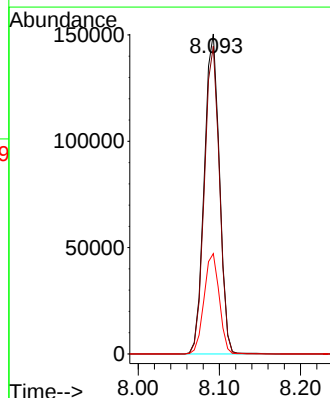
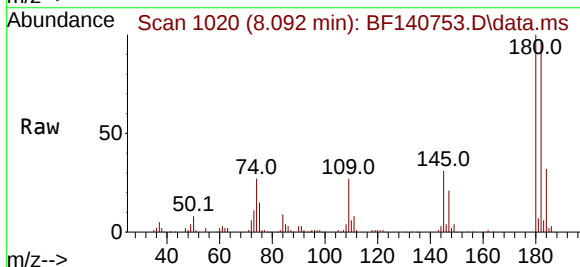
Tgt Ion:180 Resp: 195127

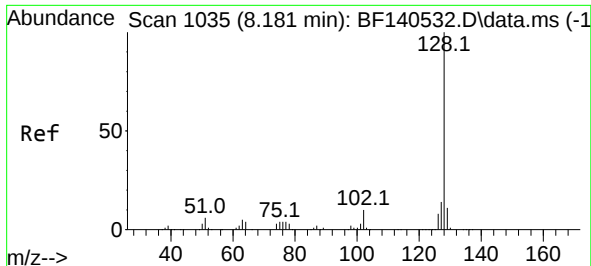
Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

145 31.4 25.9 38.9

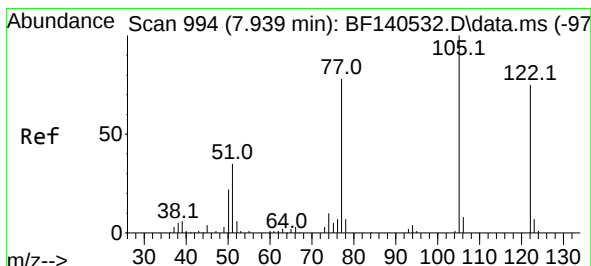
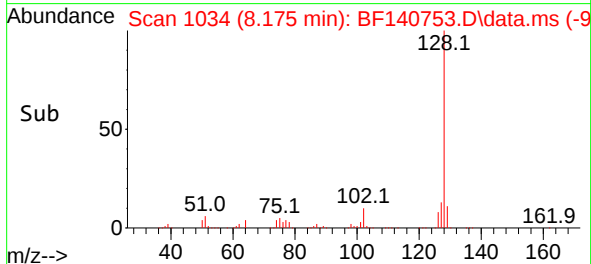
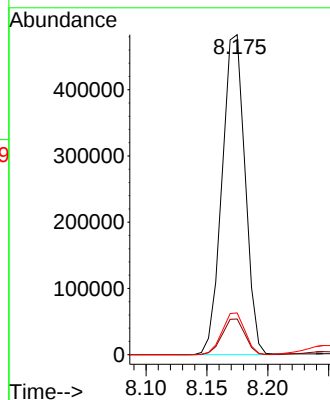
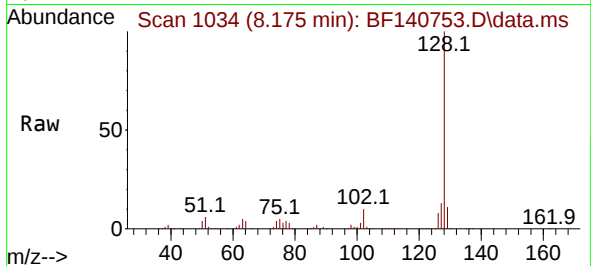




#31
Naphthalene
Concen: 49.418 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

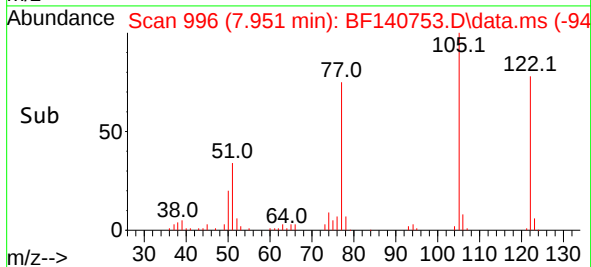
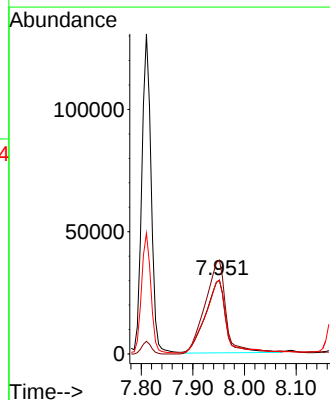
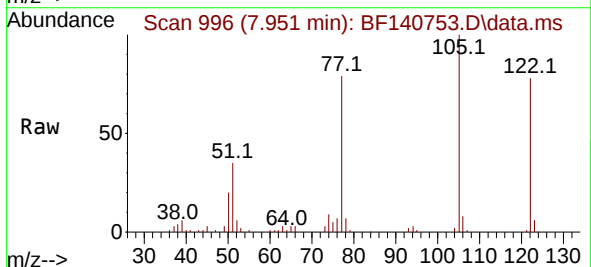
Instrument :
BNA_F
ClientSampleId :
MH-AMS

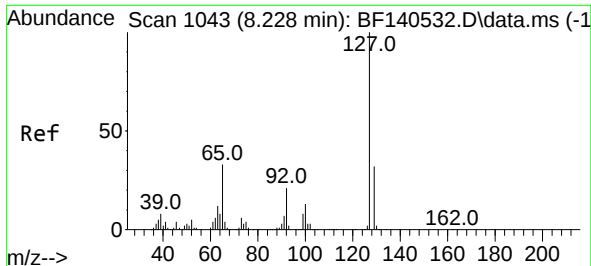
Tgt Ion:128 Resp: 636725
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 37.135 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:122 Resp: 82136
Ion Ratio Lower Upper
122 100
105 127.4 109.3 149.3
77 100.3 82.3 122.3

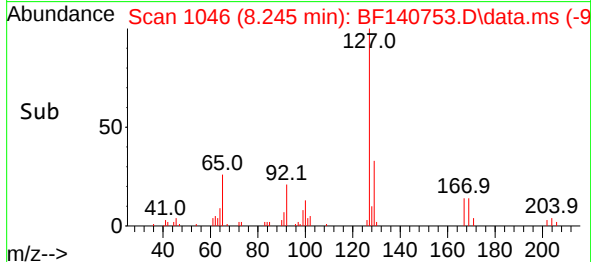
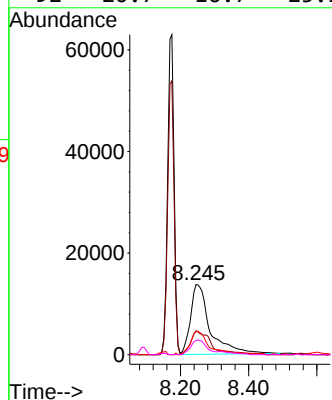
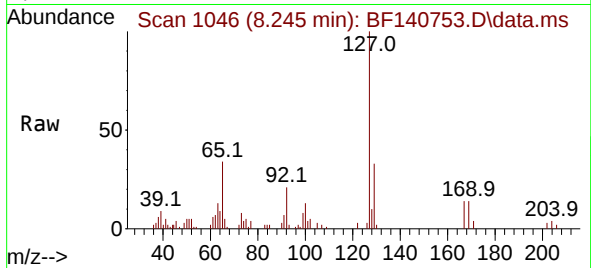




#33
4-Chloroaniline
Concen: 14.152 ng
RT: 8.245 min Scan# 1046
Delta R.T. 0.018 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

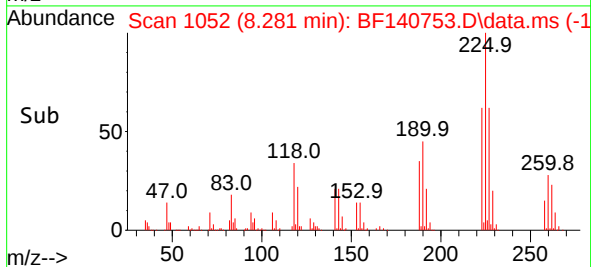
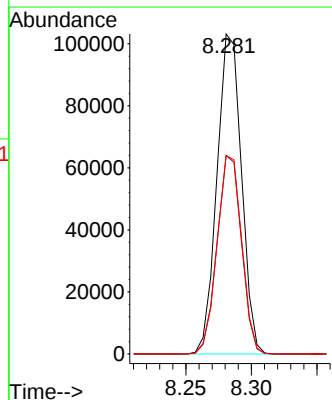
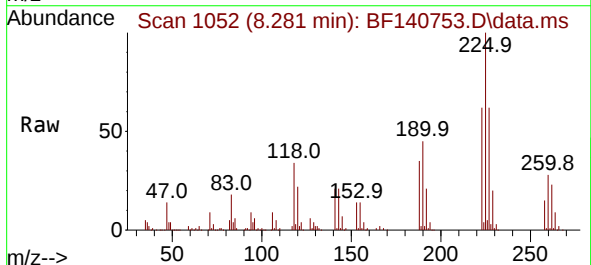
Instrument :
BNA_F
ClientSampleId :
MH-AMS

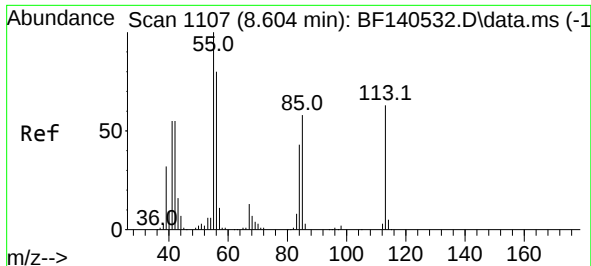
Tgt Ion:	127	Resp:	54595
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	34.0	26.0	39.0
92	20.7	16.7	25.1



#34
Hexachlorobutadiene
Concen: 49.893 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:	225	Resp:	133989
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.8	74.8
227	62.0	51.3	76.9

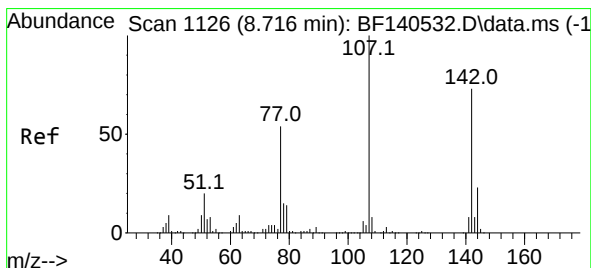
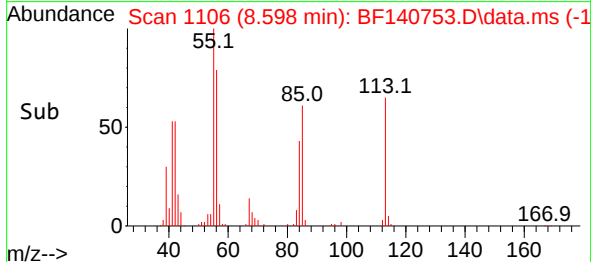
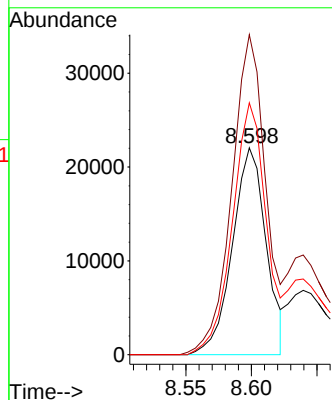
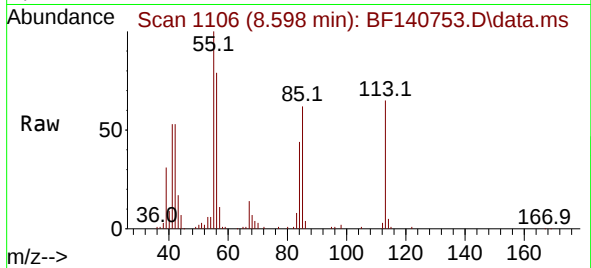




#35
Caprolactam
Concen: 35.887 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

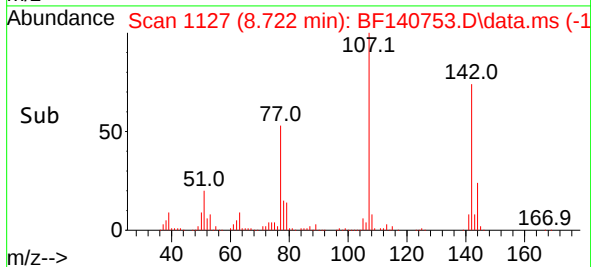
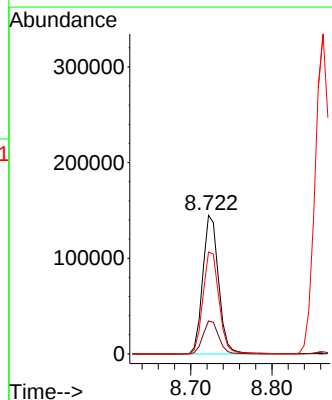
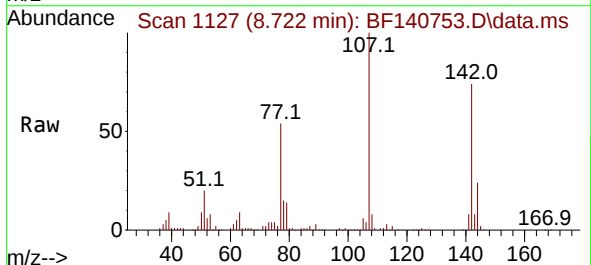
Instrument :
BNA_F
ClientSampleId :
MH-AMS

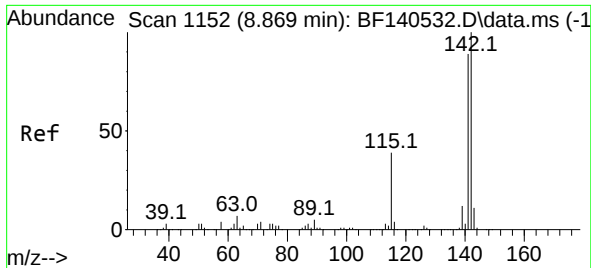
Tgt Ion:113 Resp: 39438
Ion Ratio Lower Upper
113 100
55 154.7 137.7 177.7
56 121.7 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 49.597 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:107 Resp: 197193
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 73.5 58.3 87.5

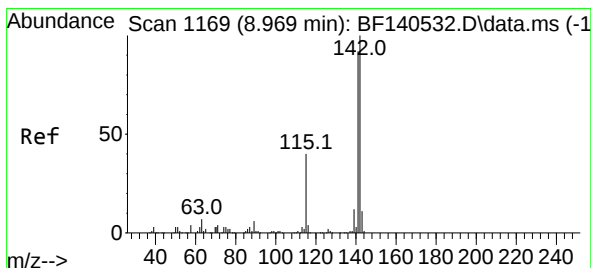
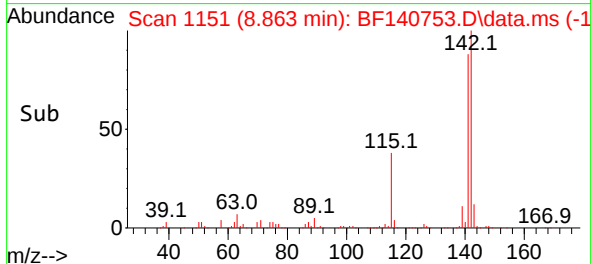
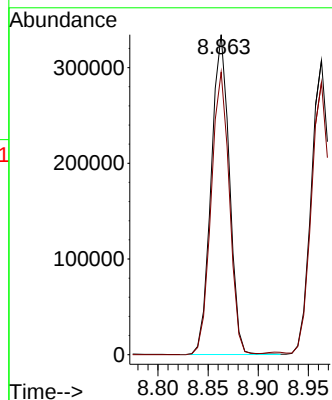
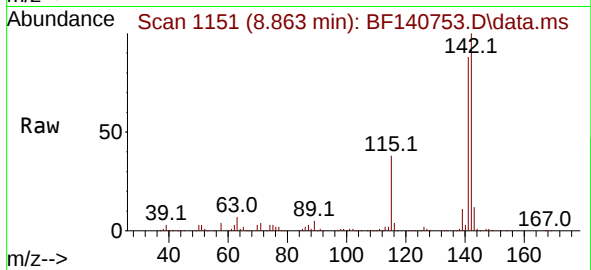




#37
2-Methylnaphthalene
Concen: 51.491 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

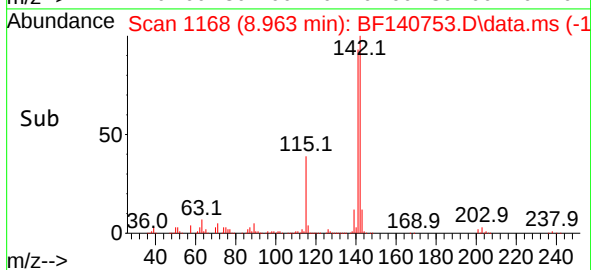
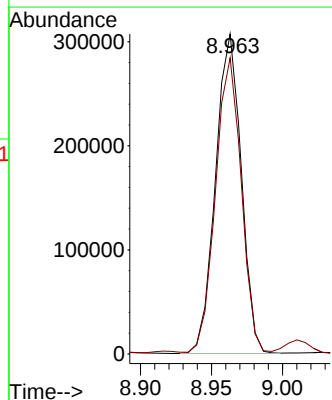
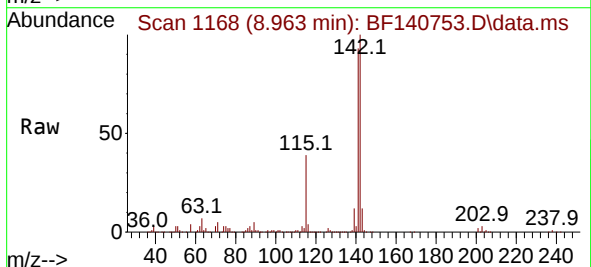
Instrument :
BNA_F
ClientSampleId :
MH-AMS

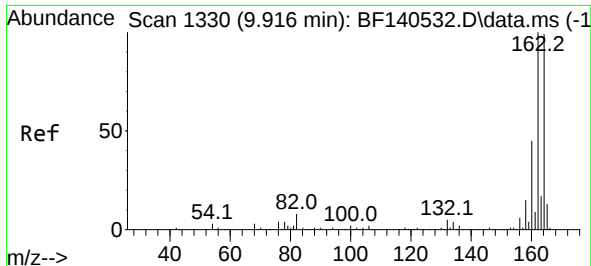
Tgt Ion:142 Resp: 421384
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.6



#38
1-Methylnaphthalene
Concen: 48.248 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:142 Resp: 387025
Ion Ratio Lower Upper
142 100
141 92.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

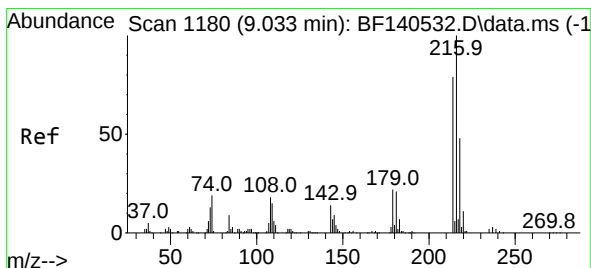
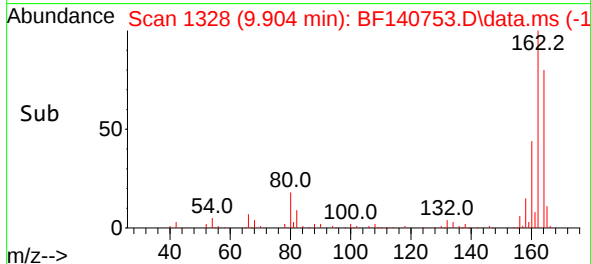
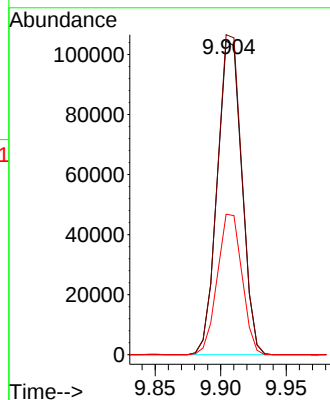
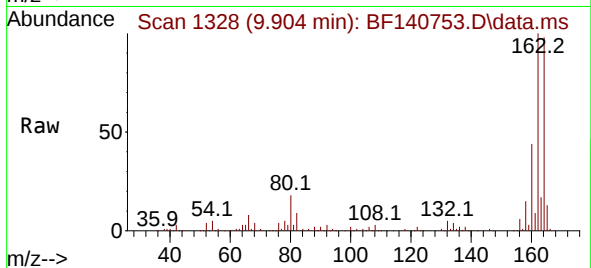
Tgt Ion:164 Resp: 136184

Ion Ratio Lower Upper

164 100

162 102.0 80.6 120.8

160 44.8 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.329 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Tgt Ion:216 Resp: 208624

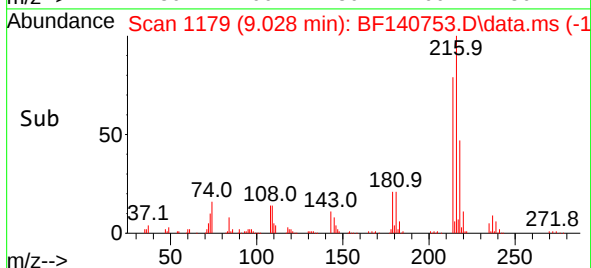
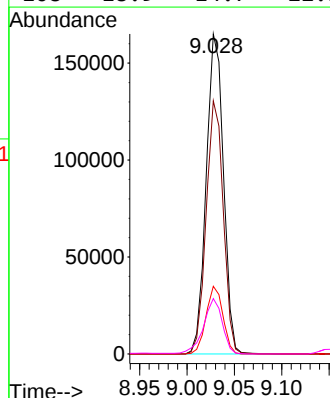
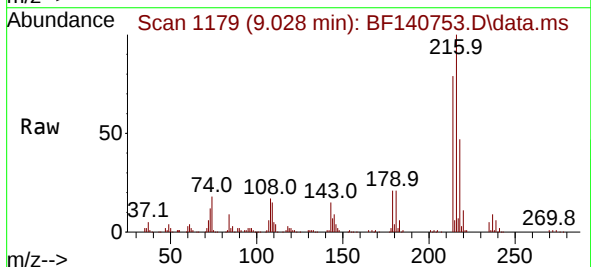
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 20.7 17.5 26.3

108 18.9 14.7 22.1

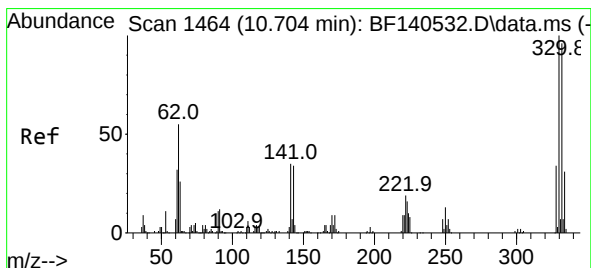
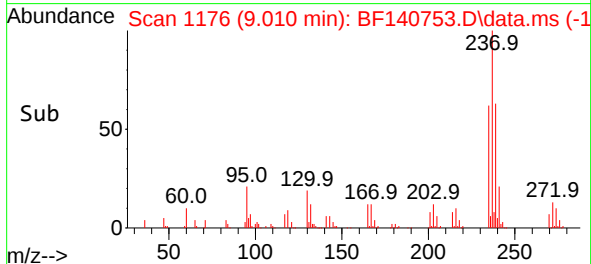
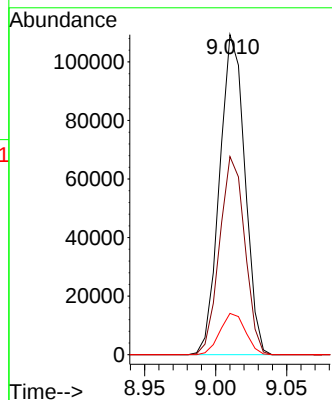
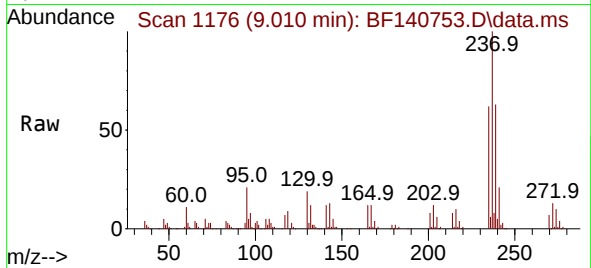




#41
Hexachlorocyclopentadiene
Concen: 144.642 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

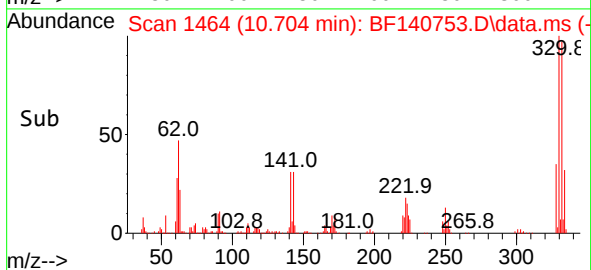
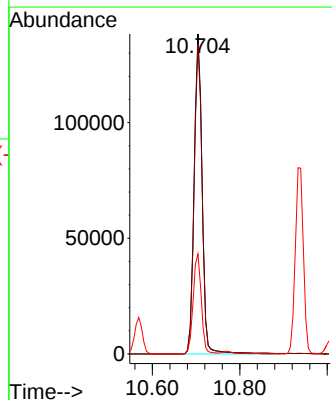
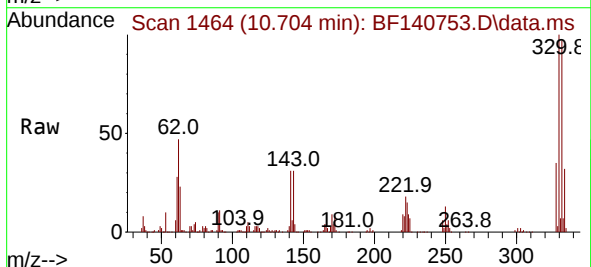
Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:237 Resp: 135429
Ion Ratio Lower Upper
237 100
235 61.9 41.1 81.1
272 12.9 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 122.138 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:330 Resp: 177893
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 31.4 26.7 40.1

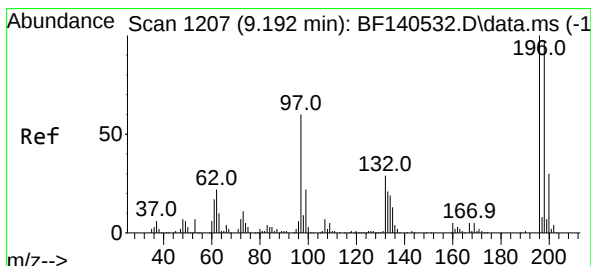
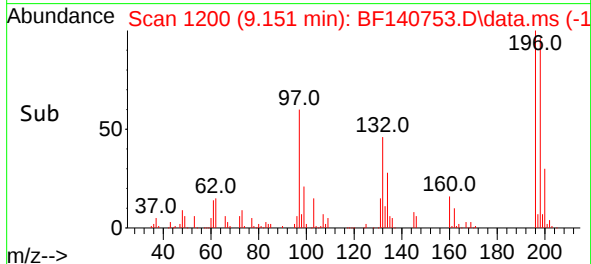
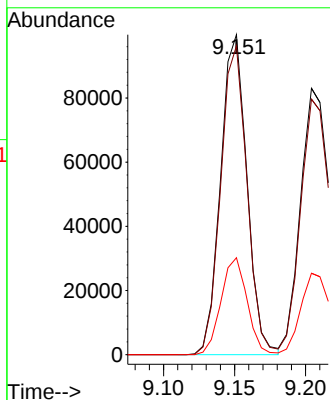
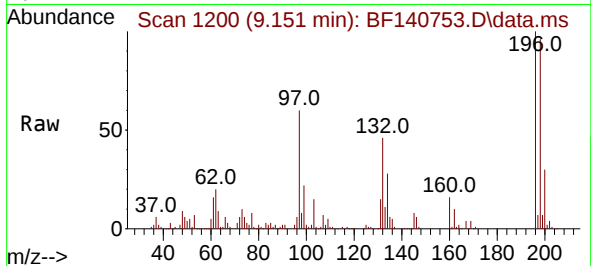




#43
2,4,6-Trichlorophenol
Concen: 51.373 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

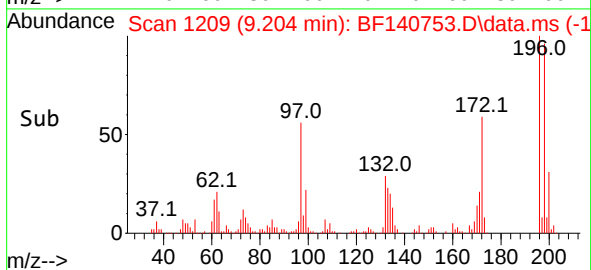
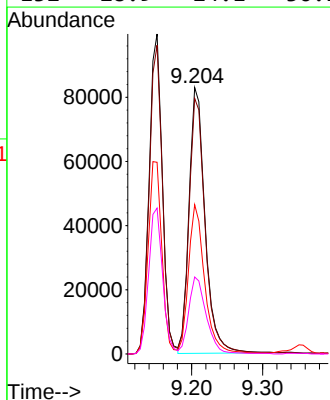
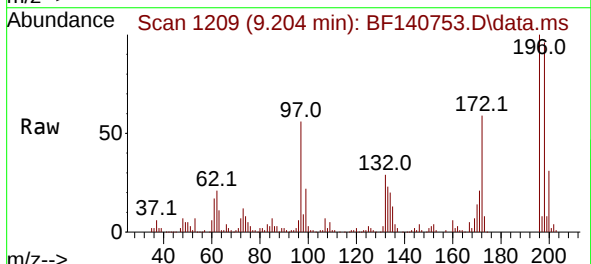
Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:196 Resp: 128518
Ion Ratio Lower Upper
196 100
198 96.5 76.8 115.2
200 30.3 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 48.143 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:196 Resp: 130709
Ion Ratio Lower Upper
196 100
198 95.9 77.2 115.8
97 56.0 47.1 70.7
132 28.9 24.1 36.1

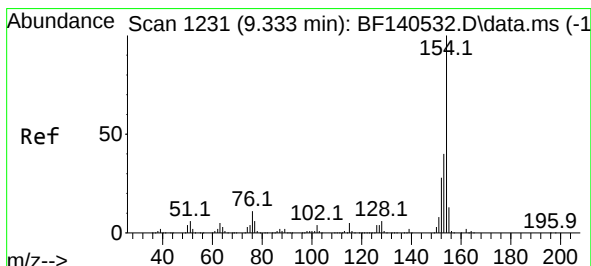
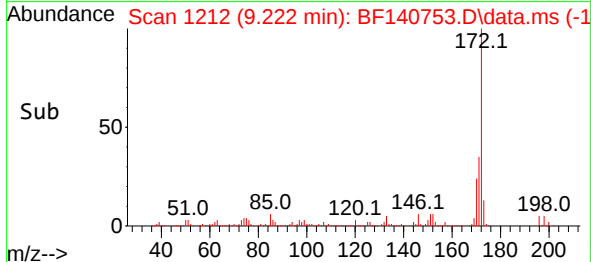
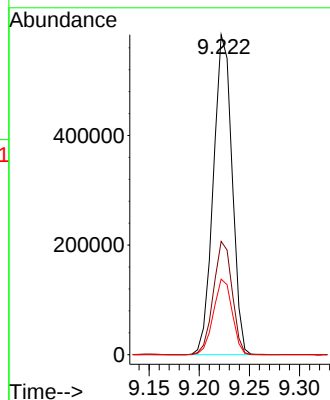
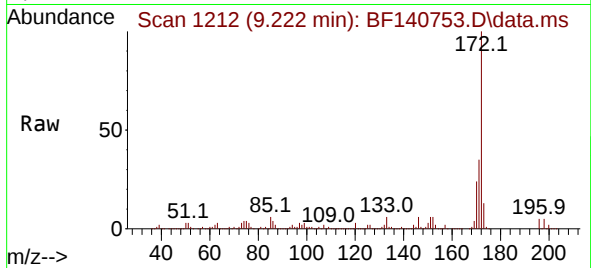




#45
2-Fluorobiphenyl
Concen: 82.888 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

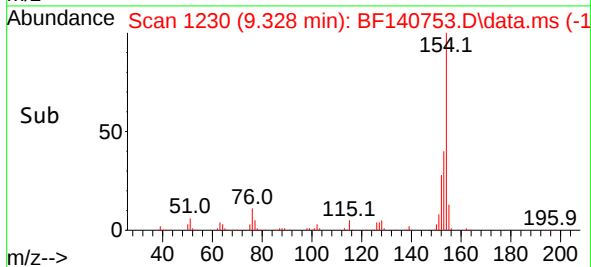
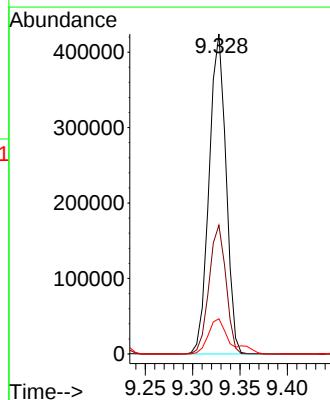
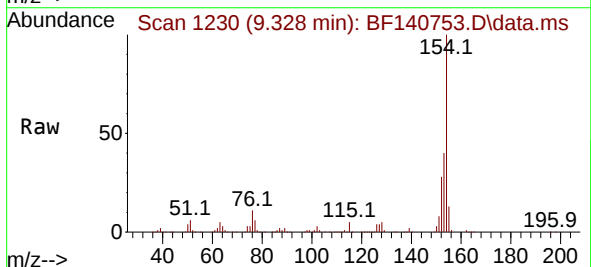
Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:172 Resp: 757616
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 51.723 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:154 Resp: 525902
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 49.892 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

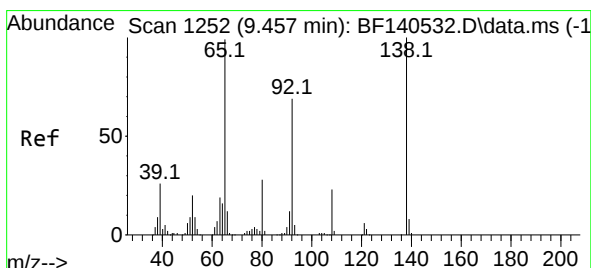
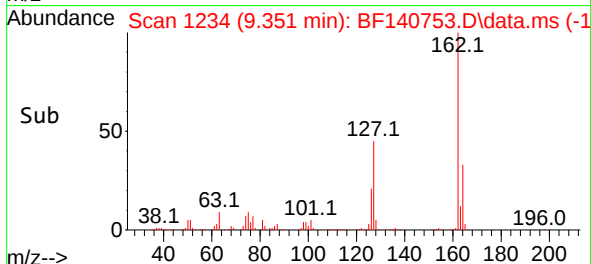
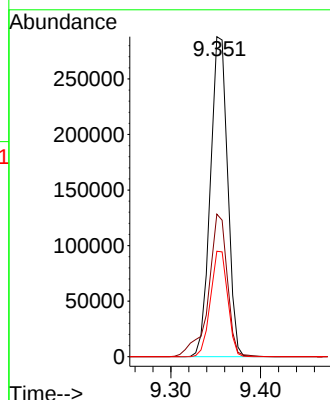
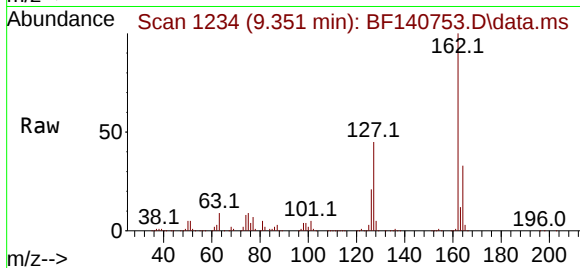
Tgt Ion:162 Resp: 384381

Ion Ratio Lower Upper

162 100

127 44.5 35.7 53.5

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 48.796 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

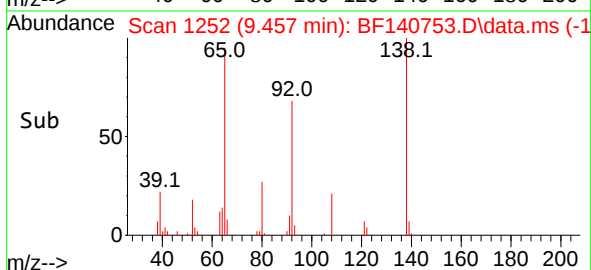
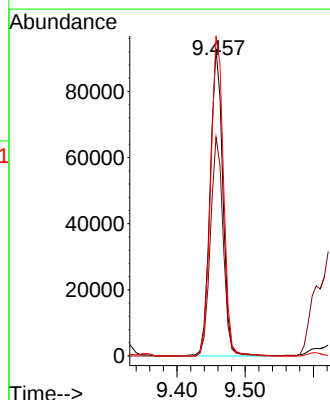
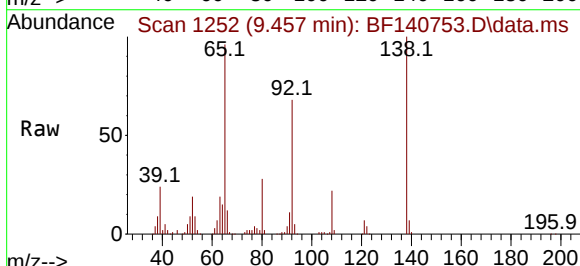
Tgt Ion: 65 Resp: 120667

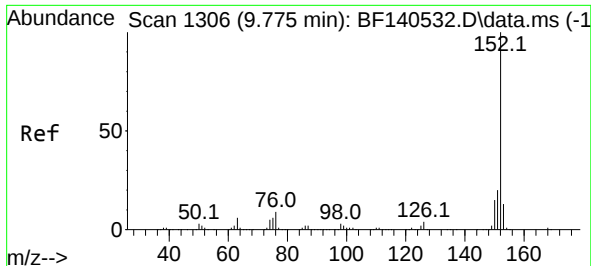
Ion Ratio Lower Upper

65 100

92 71.2 56.1 84.1

138 104.2 81.0 121.6





#49

Acenaphthylene

Concen: 53.880 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

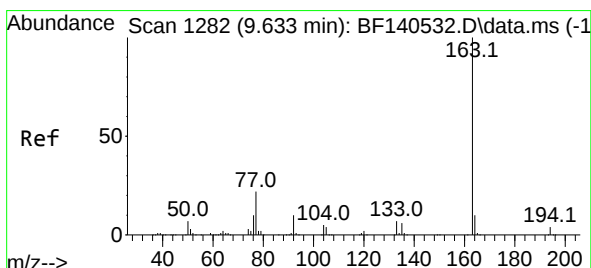
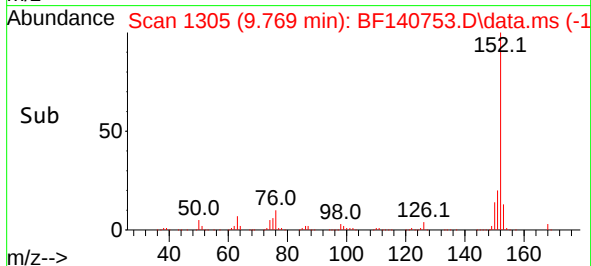
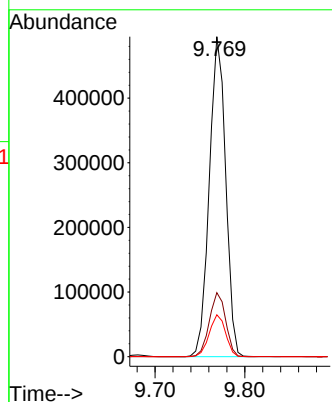
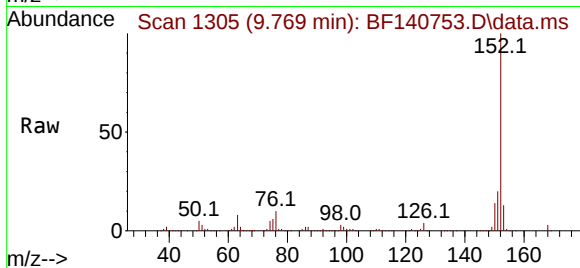
Tgt Ion:152 Resp: 627189

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 52.871 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

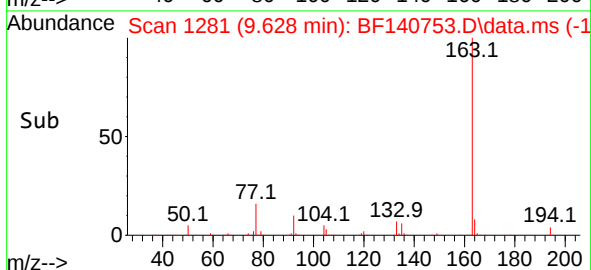
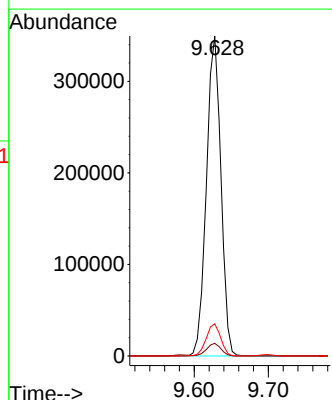
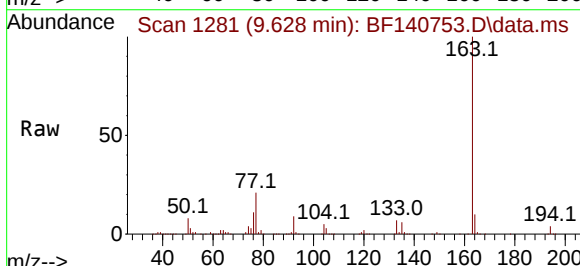
Tgt Ion:163 Resp: 474200

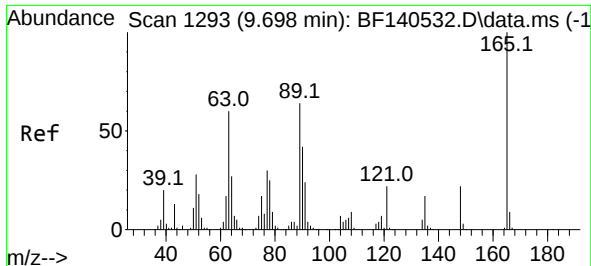
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 49.783 ng

RT: 9.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

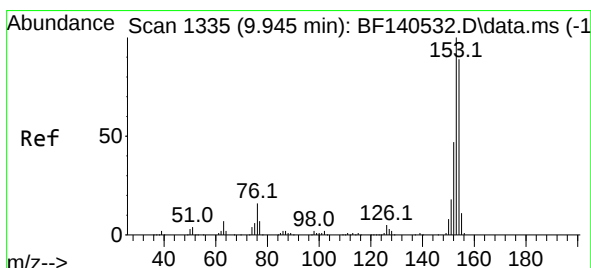
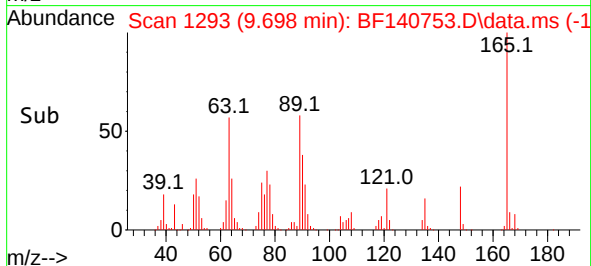
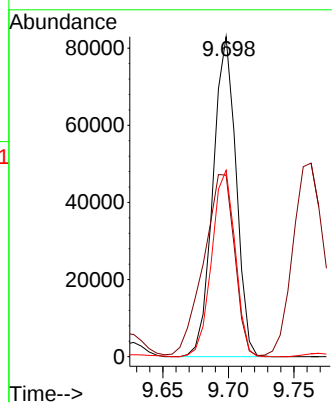
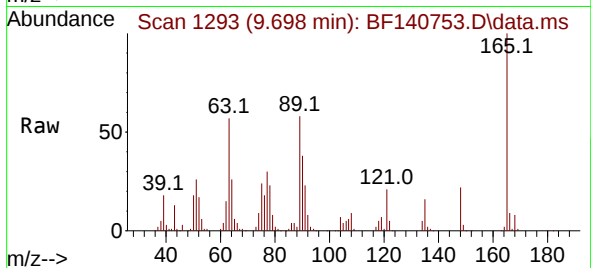
Tgt Ion:165 Resp: 101264

Ion Ratio Lower Upper

165 100

63 56.8 49.9 74.9

89 58.3 50.9 76.3



#52

Acenaphthene

Concen: 51.215 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

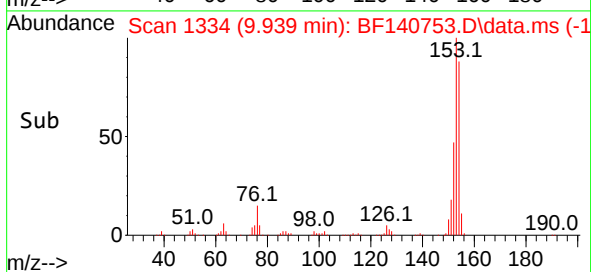
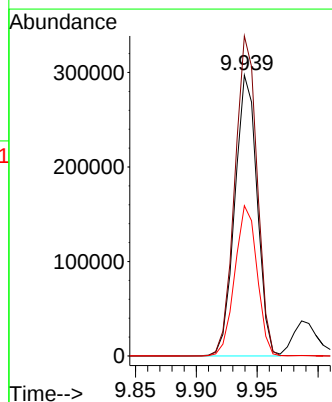
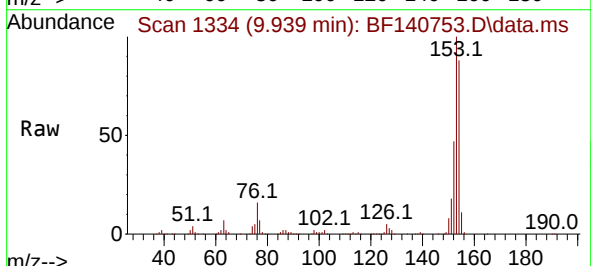
Tgt Ion:154 Resp: 378799

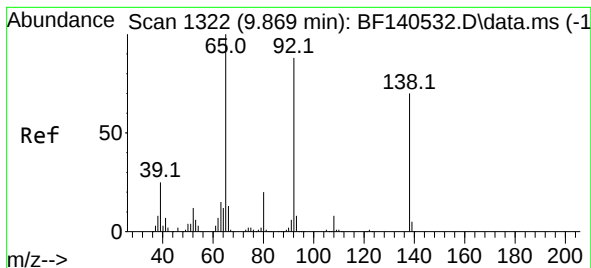
Ion Ratio Lower Upper

154 100

153 114.0 89.7 134.5

152 53.5 42.5 63.7





#53

3-Nitroaniline

Concen: 32.440 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

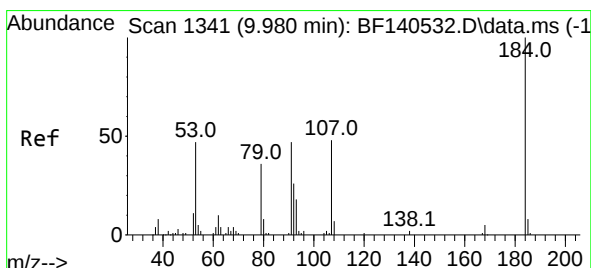
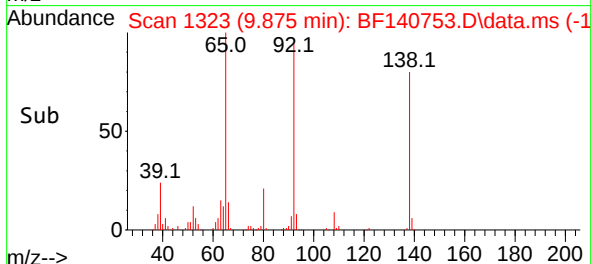
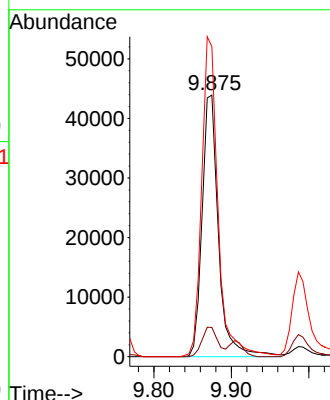
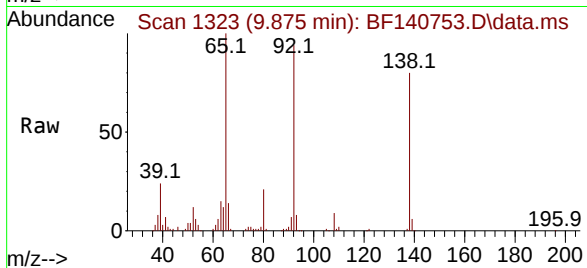
Tgt Ion:138 Resp: 64539

Ion Ratio Lower Upper

138 100

108 11.2 9.2 13.8

92 118.5 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 80.803 ng

RT: 9.986 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

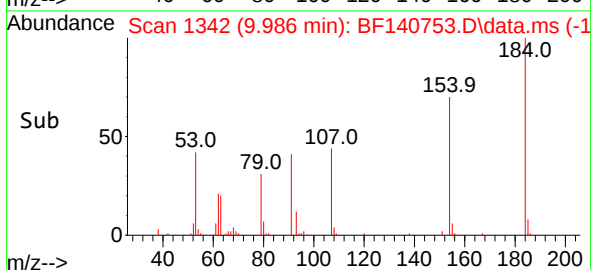
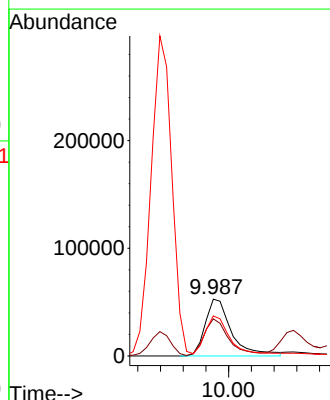
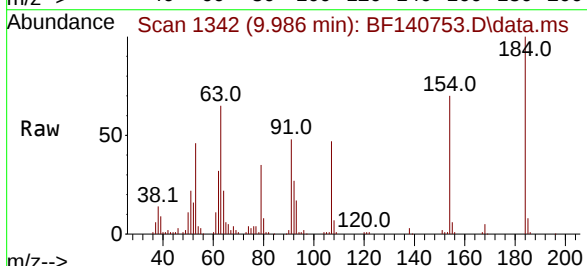
Tgt Ion:184 Resp: 85216

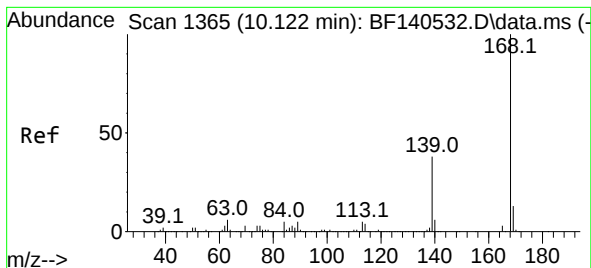
Ion Ratio Lower Upper

184 100

63 65.4 54.1 81.1

154 70.4 57.4 86.0





#55

Dibenzofuran

Concen: 50.719 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

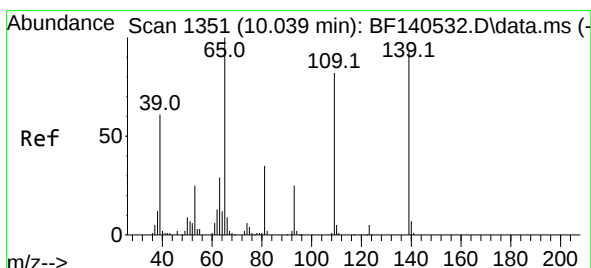
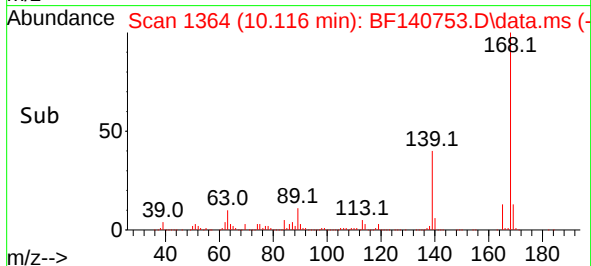
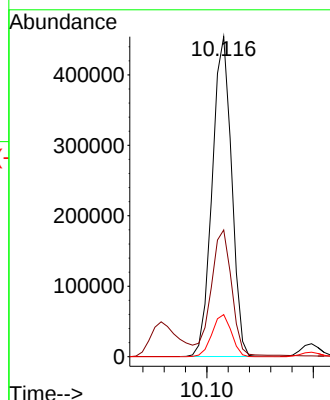
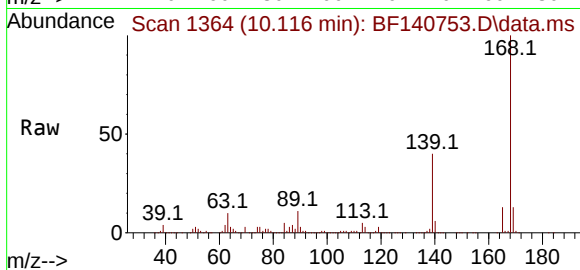
Tgt Ion:168 Resp: 572203

Ion Ratio Lower Upper

168 100

139 39.6 31.3 46.9

169 13.2 10.5 15.7



#56

4-Nitrophenol

Concen: 66.967 ng

RT: 10.057 min Scan# 1354

Delta R.T. 0.018 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

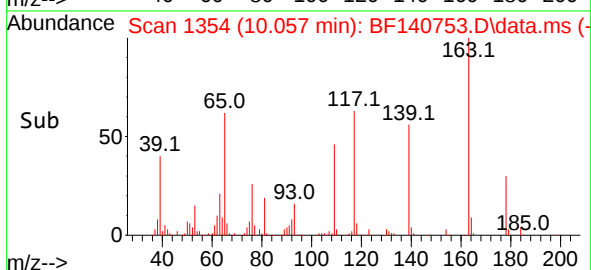
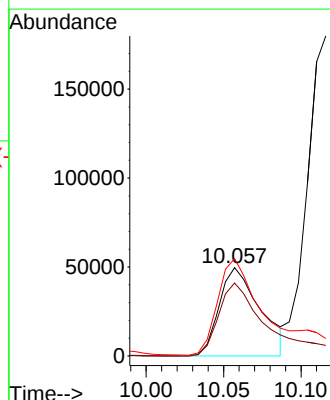
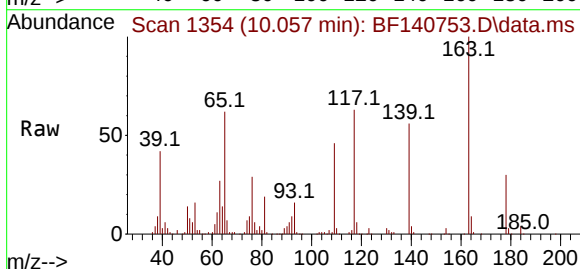
Tgt Ion:139 Resp: 90861

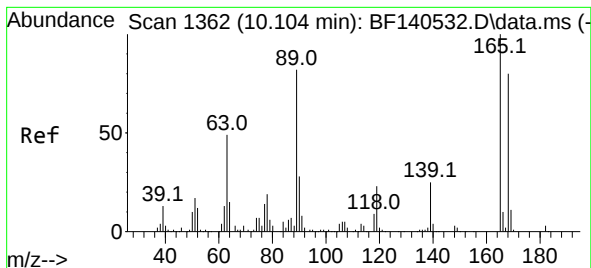
Ion Ratio Lower Upper

139 100

109 82.6 68.4 108.4

65 110.5 88.6 128.6

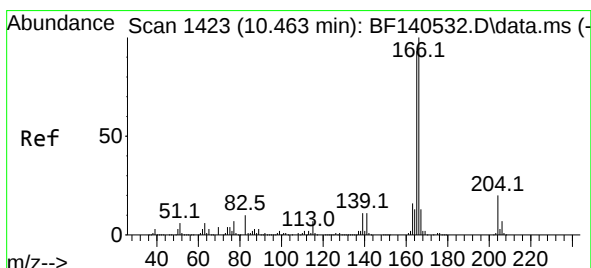
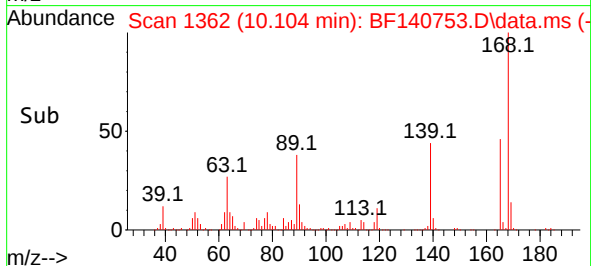
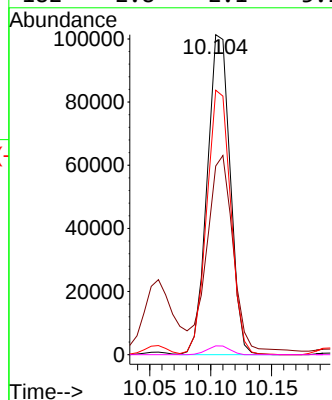
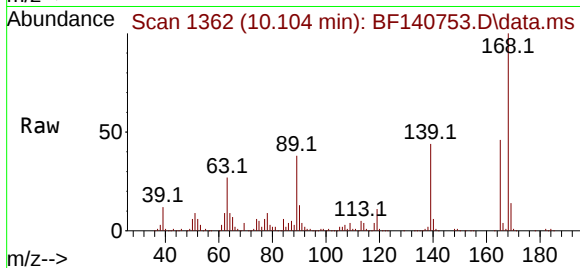




#57
2,4-Dinitrotoluene
Concen: 49.227 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

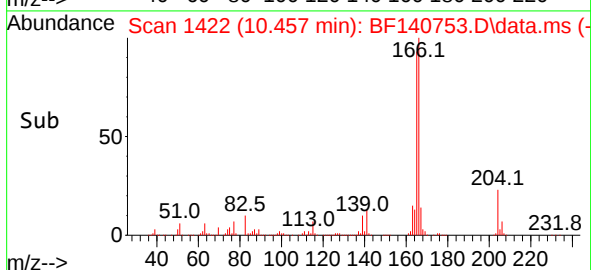
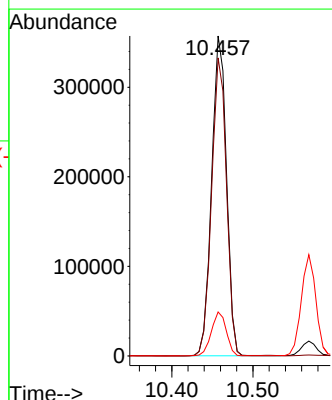
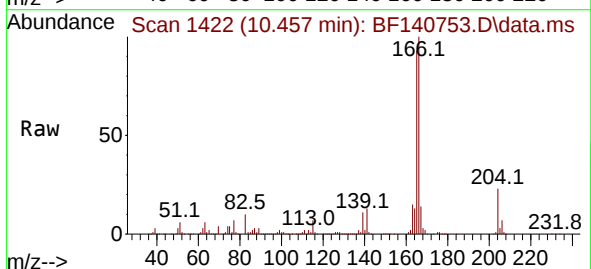
Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:165 Resp: 133081
Ion Ratio Lower Upper
165 100
63 59.0 41.7 62.5
89 82.7 65.8 98.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 49.960 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:166 Resp: 452412
Ion Ratio Lower Upper
166 100
165 93.1 74.6 111.8
167 13.8 10.6 16.0



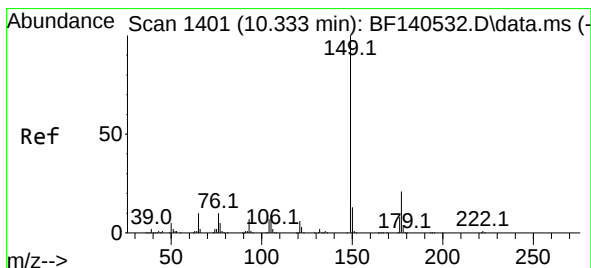
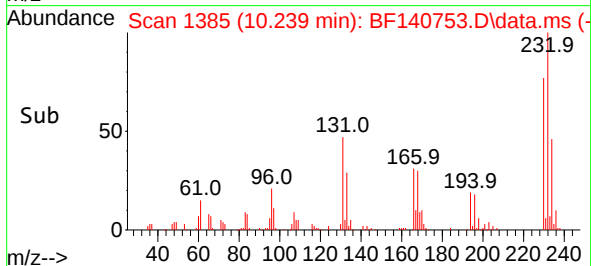
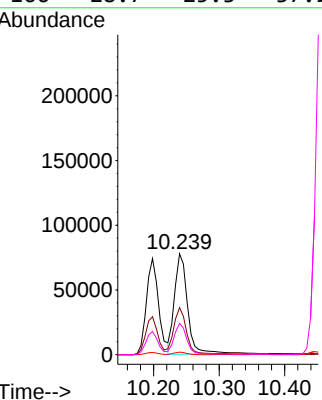
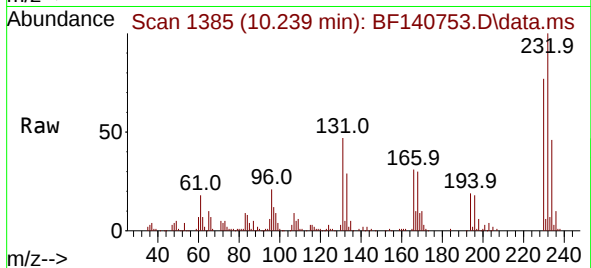


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.850 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:232 Resp: 108191

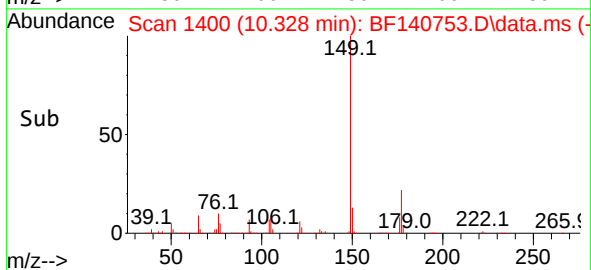
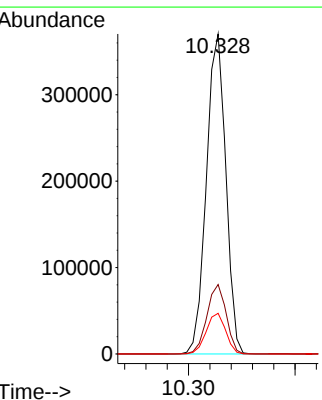
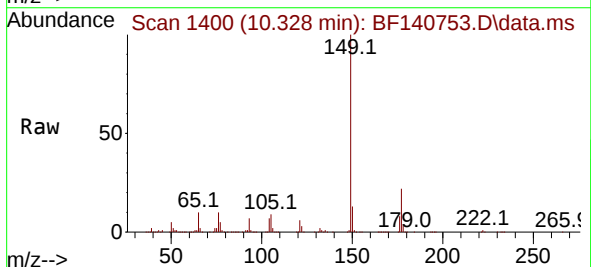
Ion	Ratio	Lower	Upper
232	100		
131	45.0	39.6	59.4
130	2.4	1.9	2.9
166	28.7	25.3	37.9

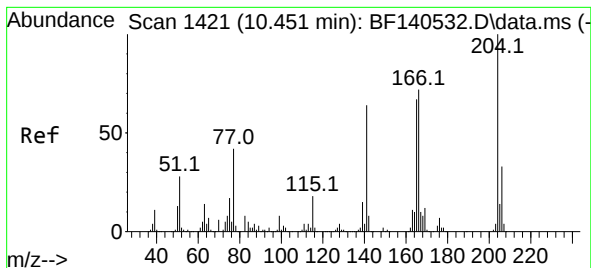


#60
Diethylphthalate
Concen: 51.317 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:149 Resp: 467633

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.7	10.1	15.1

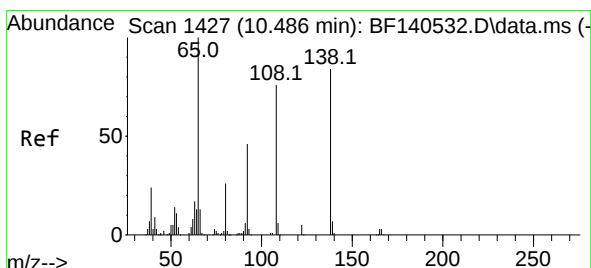
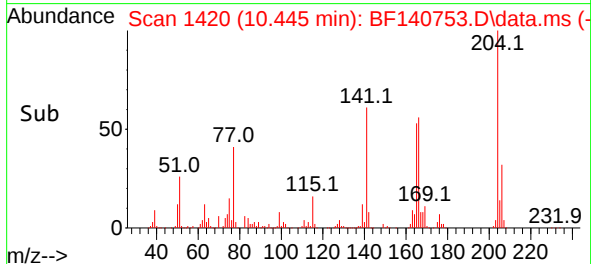
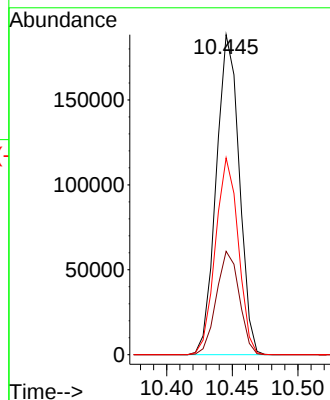
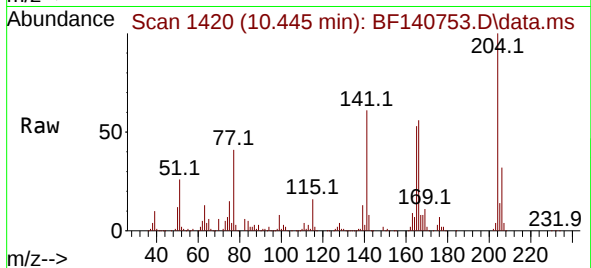




#61
4-Chlorophenyl-phenylether
Concen: 51.691 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

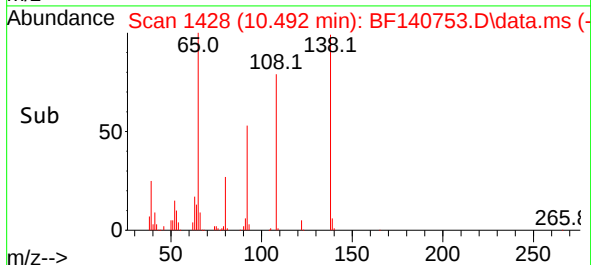
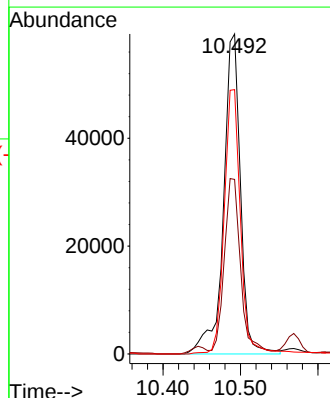
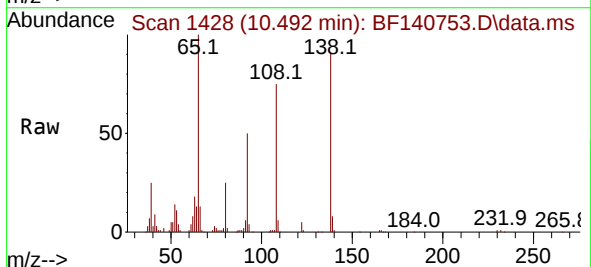
Instrument :
BNA_F
ClientSampleId :
MH-AMS

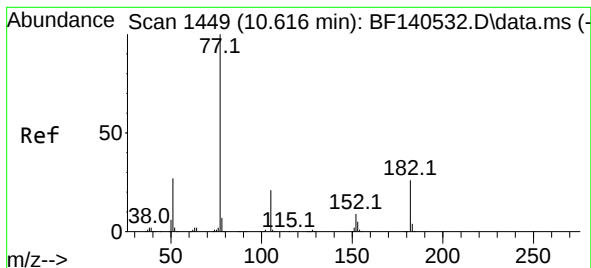
Tgt Ion:204 Resp: 229717
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 61.5 51.1 76.7



#62
4-Nitroaniline
Concen: 43.427 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:138 Resp: 90613
Ion Ratio Lower Upper
138 100
92 54.5 34.5 74.5
108 82.6 70.6 110.6





#63

Azobenzene

Concen: 59.165 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

Tgt Ion: 77 Resp: 510575

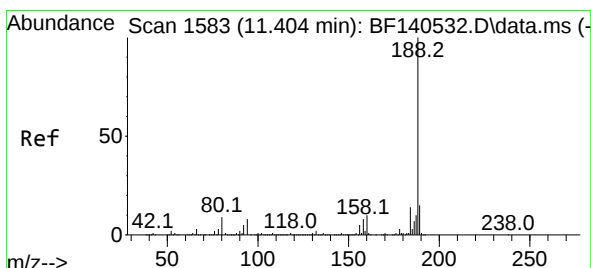
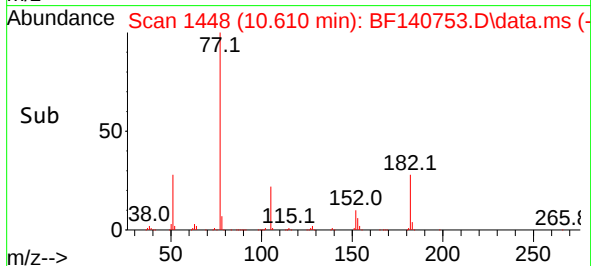
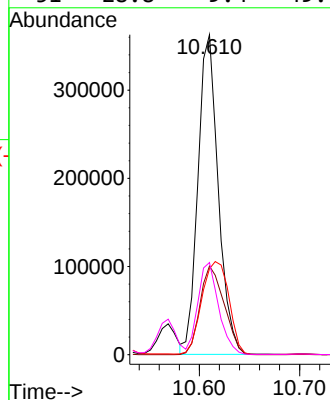
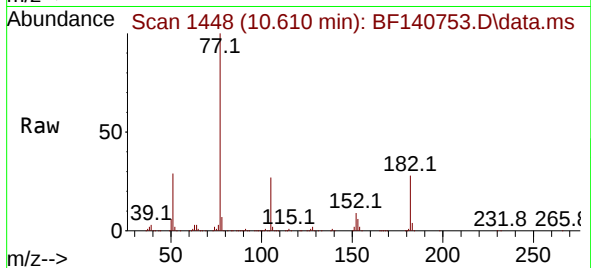
Ion Ratio Lower Upper

77 100

182 27.7 5.3 45.3

105 26.8 0.3 40.3

51 28.8 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

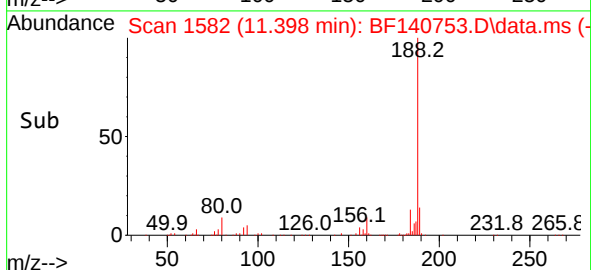
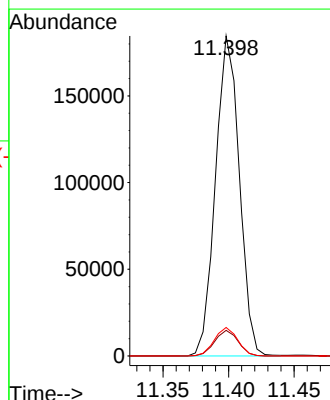
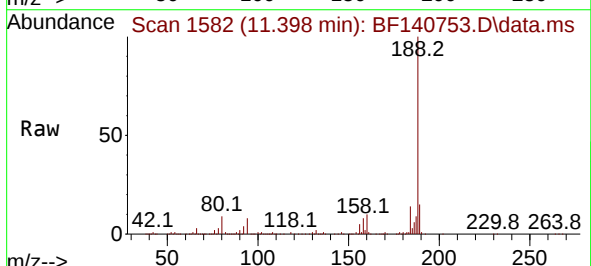
Tgt Ion:188 Resp: 233226

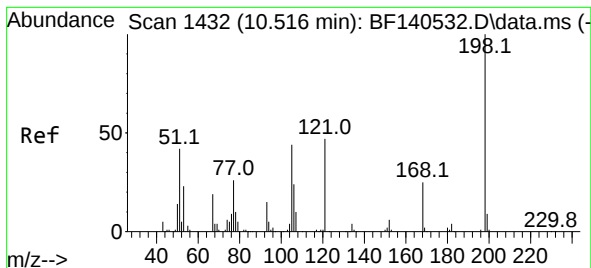
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.9 6.9 10.3

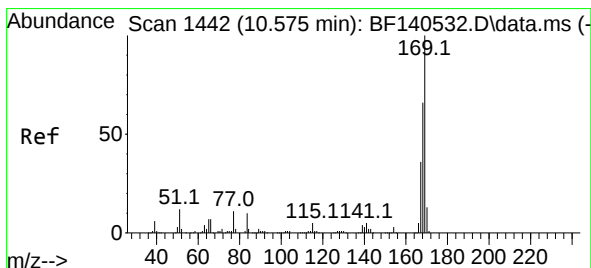
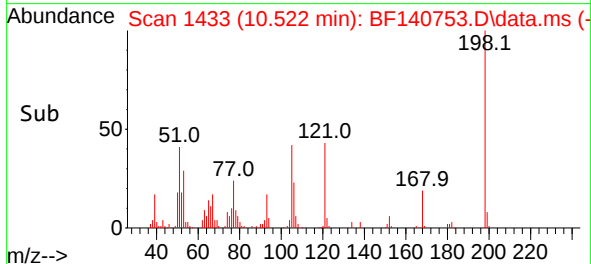
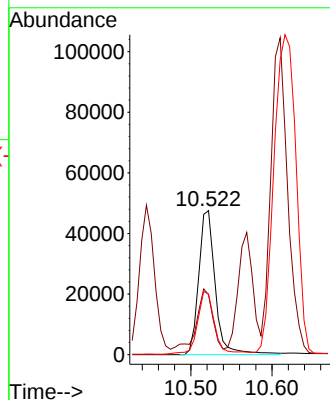
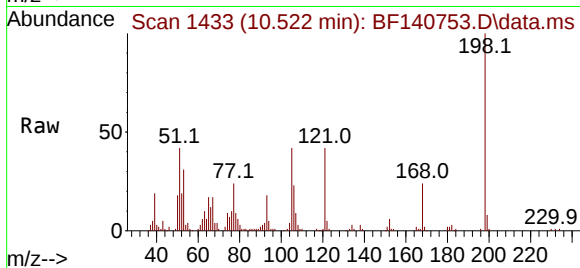




#65
4,6-Dinitro-2-methylphenol
Concen: 56.646 ng
RT: 10.522 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

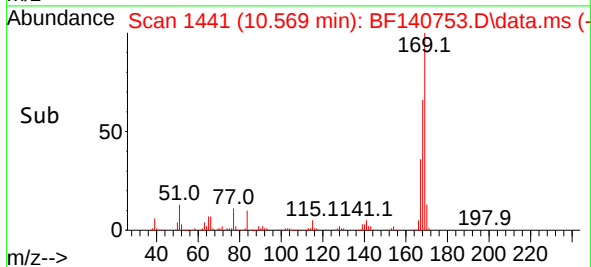
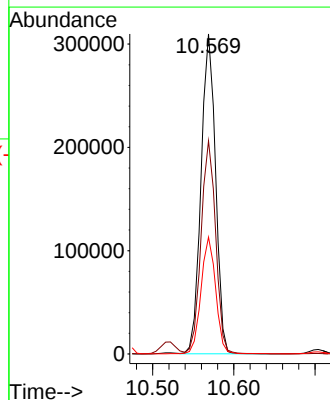
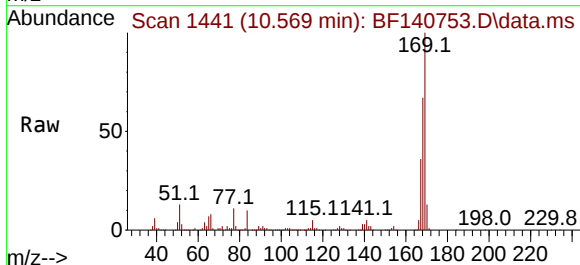
Instrument :
BNA_F
ClientSampleId :
MH-AMS

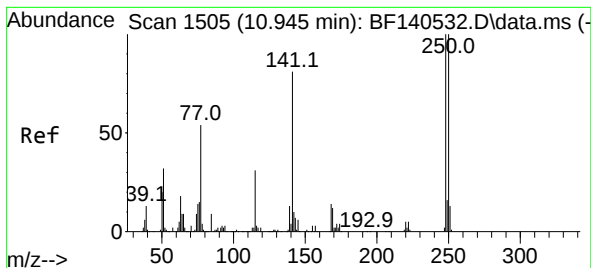
Tgt Ion:198 Resp: 67511
Ion Ratio Lower Upper
198 100
51 41.7 29.4 69.4
105 42.1 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 55.675 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:169 Resp: 383995
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 36.5 29.0 43.6

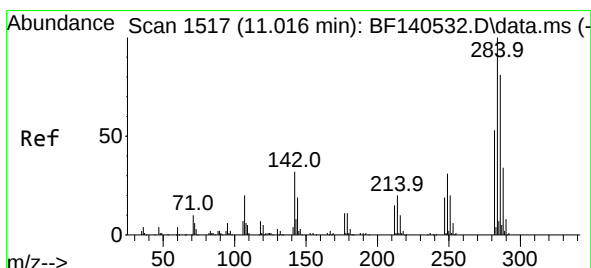
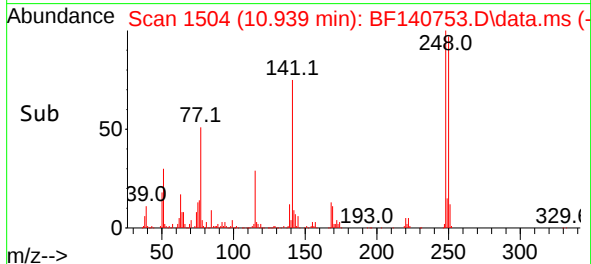
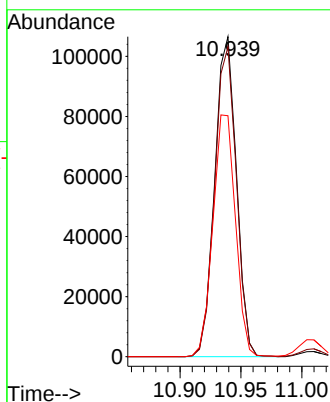
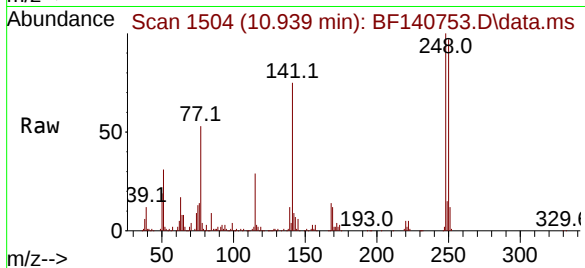




#67
4-Bromophenyl-phenylether
Concen: 55.191 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

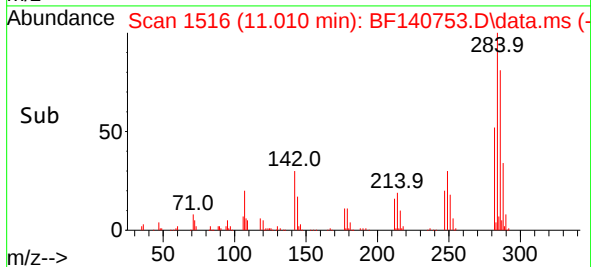
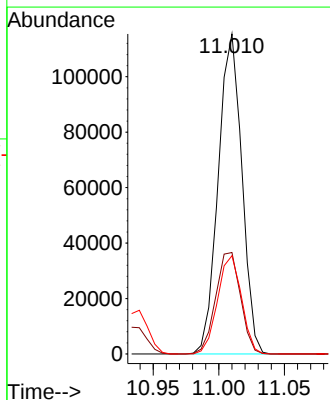
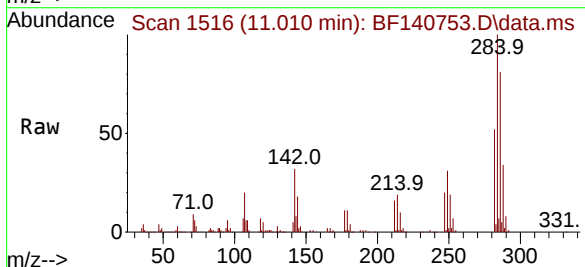
Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:248 Resp: 132561
Ion Ratio Lower Upper
248 100
250 96.8 79.8 119.8
141 75.3 64.7 97.1



#68
Hexachlorobenzene
Concen: 51.977 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:284 Resp: 144554
Ion Ratio Lower Upper
284 100
142 31.7 25.3 37.9
249 30.7 24.8 37.2





#69

Atrazine

Concen: 60.082 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

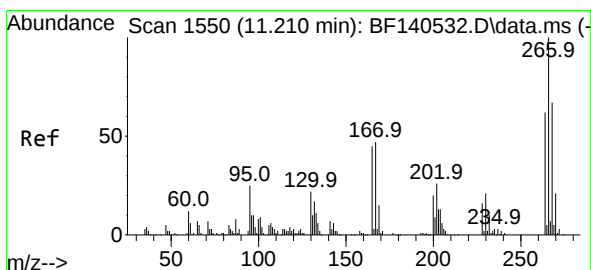
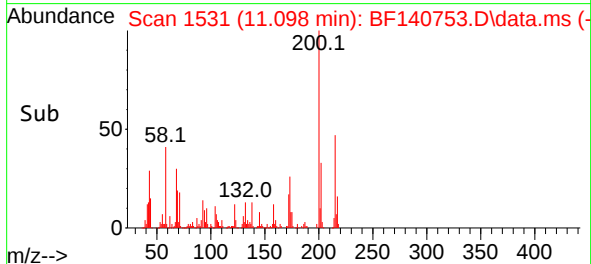
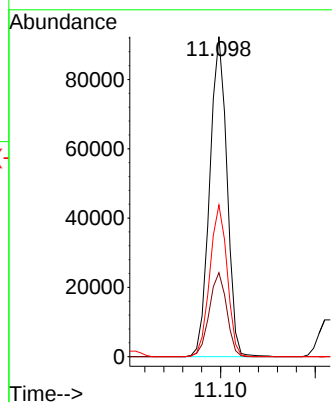
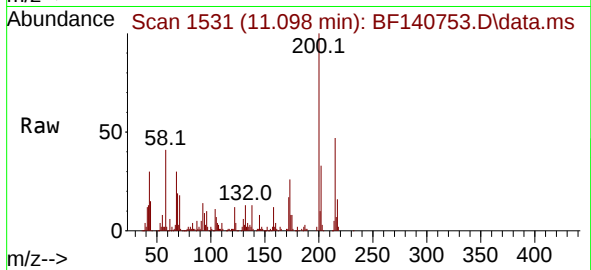
Tgt Ion:200 Resp: 116576

Ion Ratio Lower Upper

200 100

173 26.2 7.0 47.0

215 47.4 26.7 66.7



#70

Pentachlorophenol

Concen: 74.848 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

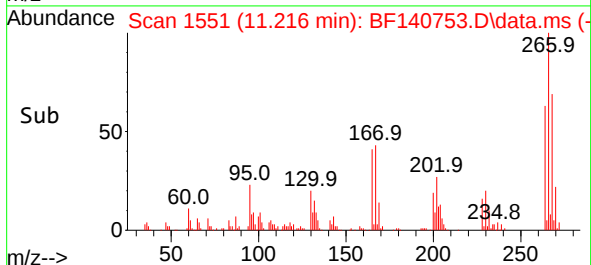
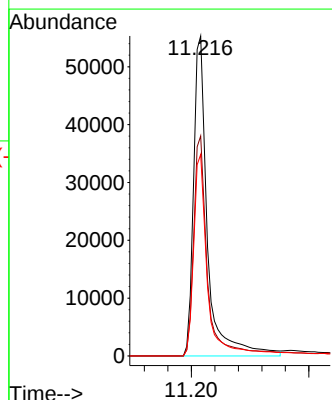
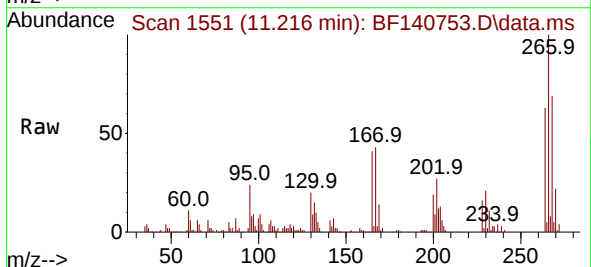
Tgt Ion:266 Resp: 91617

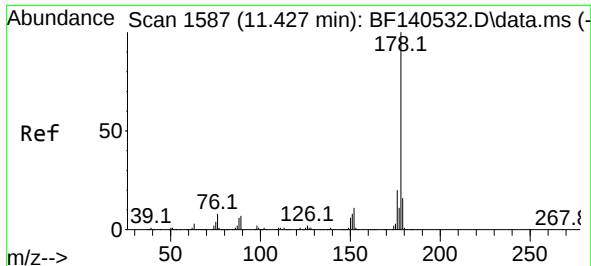
Ion Ratio Lower Upper

266 100

268 68.8 53.7 80.5

264 63.0 49.8 74.8

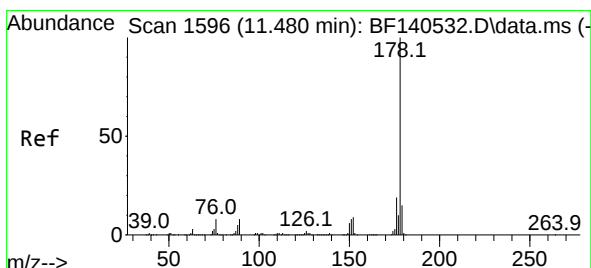
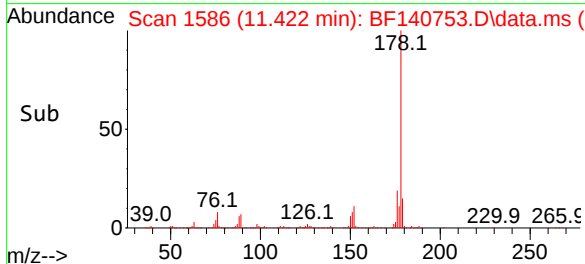
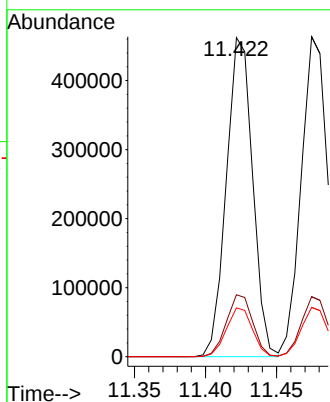
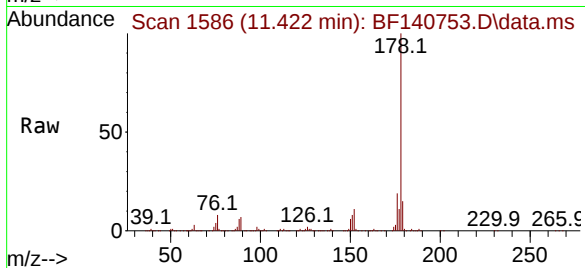




#71
Phenanthrene
Concen: 53.173 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

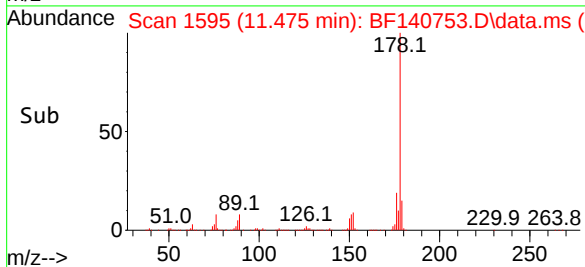
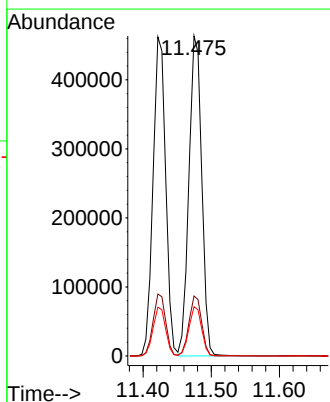
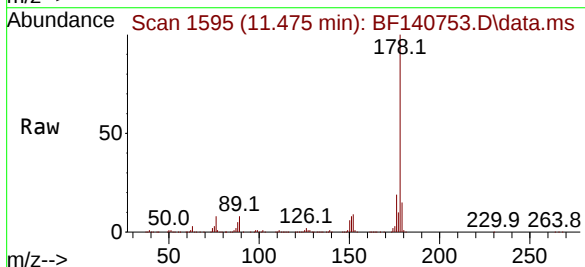
Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:178 Resp: 596117
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.3 12.4 18.6



#72
Anthracene
Concen: 54.795 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:178 Resp: 600909
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.4 12.2 18.4





#73

Carbazole

Concen: 48.154 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

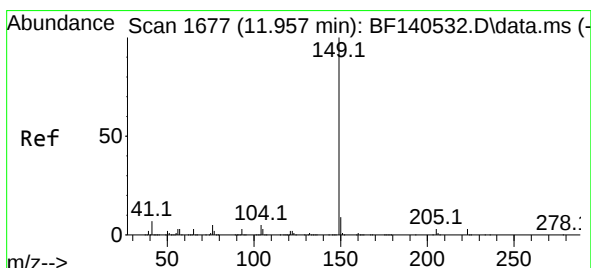
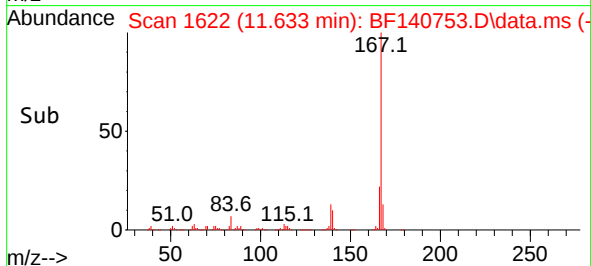
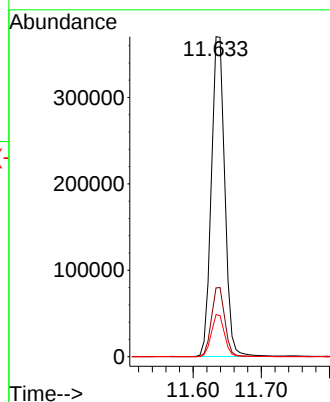
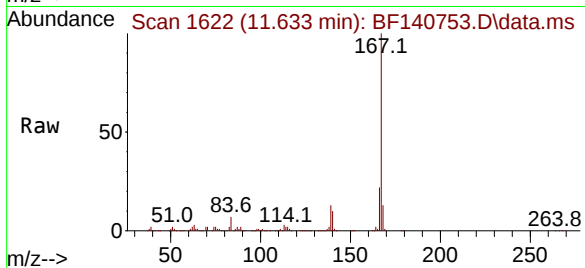
Tgt Ion:167 Resp: 508011

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.1 10.6 15.8



#74

Di-n-butylphthalate

Concen: 54.694 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

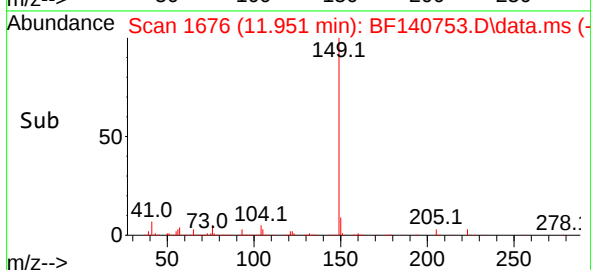
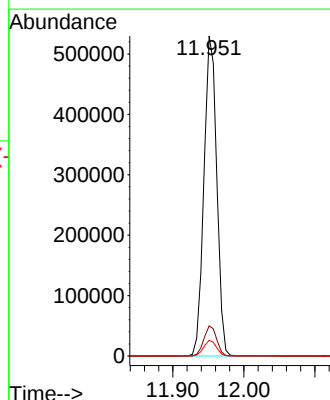
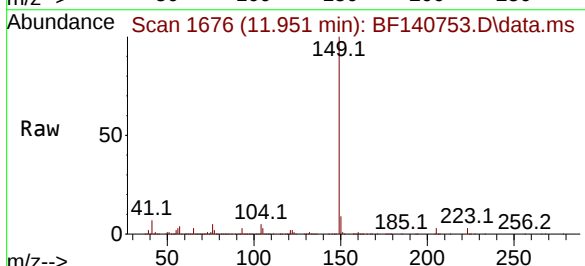
Tgt Ion:149 Resp: 666151

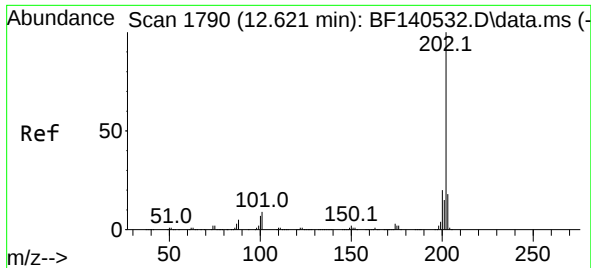
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.9 4.1 6.1

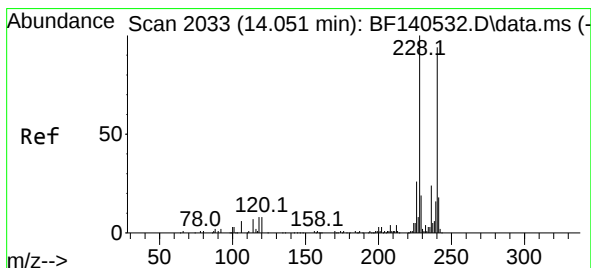
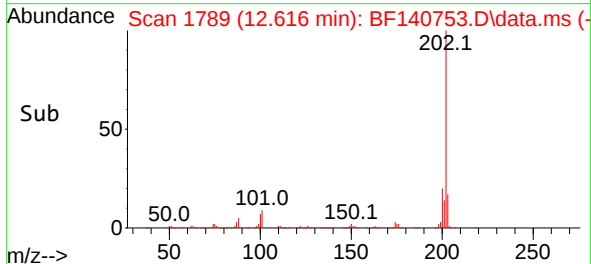
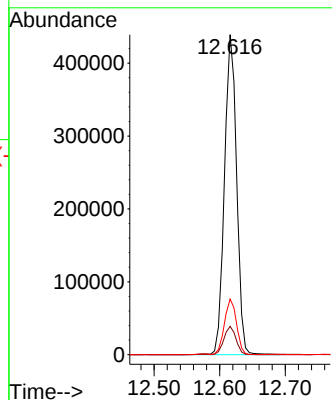
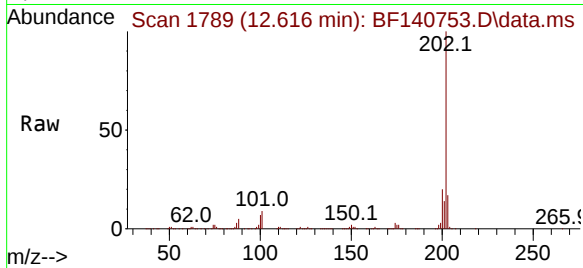




#75
Fluoranthene
Concen: 46.172 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

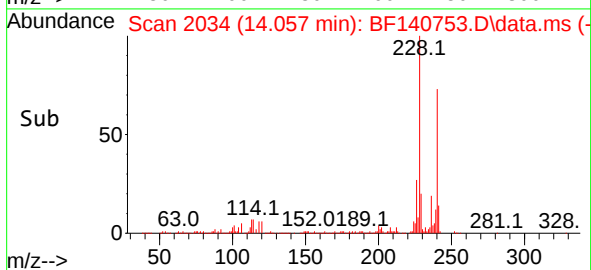
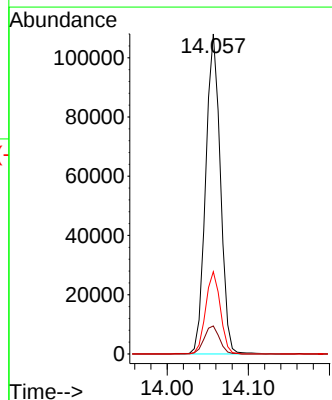
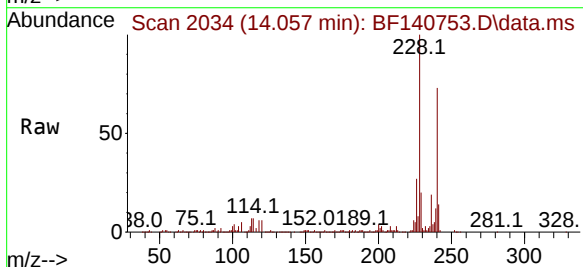
Instrument :
BNA_F
ClientSampleId :
MH-AMS

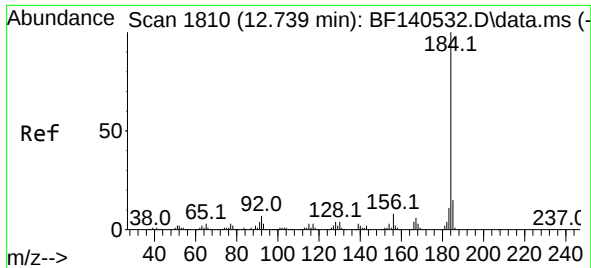
Tgt Ion:202 Resp: 562021
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:240 Resp: 135190
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 25.7 20.6 31.0

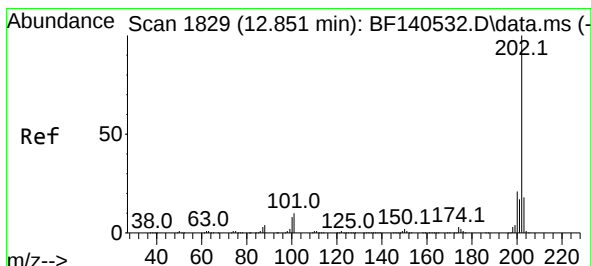
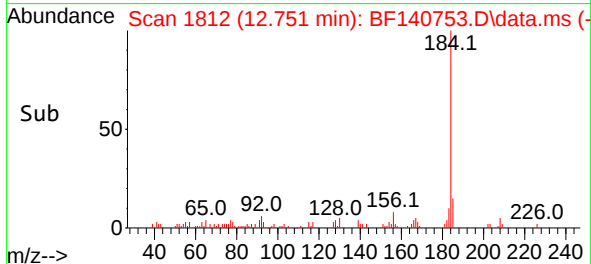
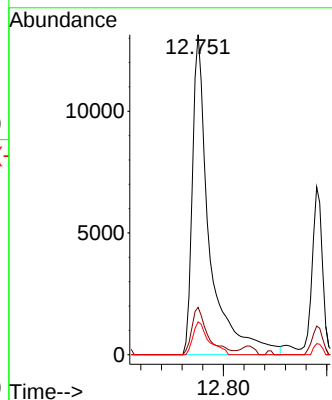
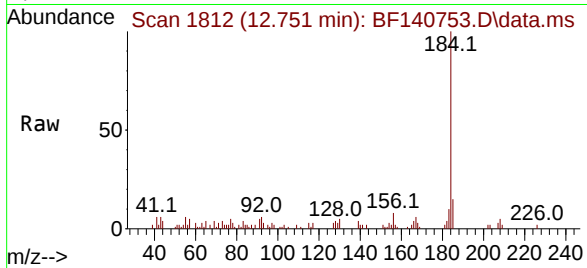




#77
Benzidine
Concen: 7.657 ng
RT: 12.751 min Scan# 1812
Delta R.T. 0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

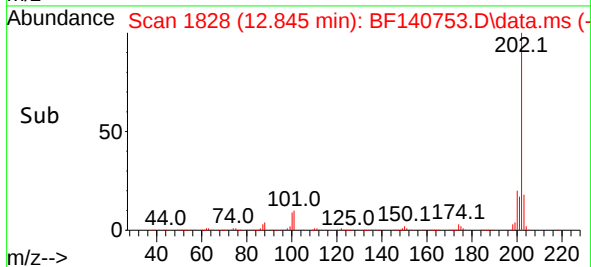
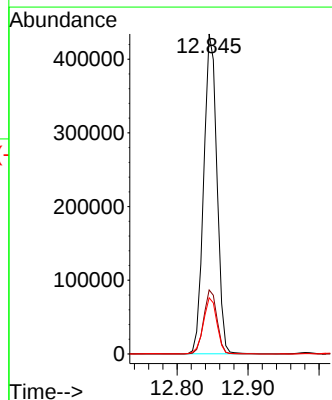
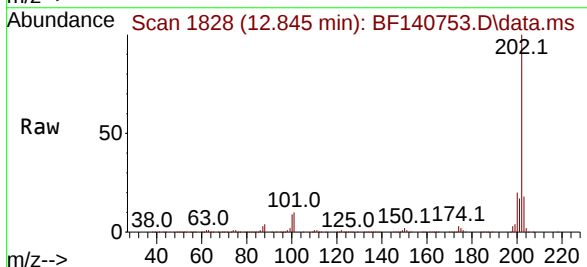
Instrument :
BNA_F
ClientSampleId :
MH-AMS

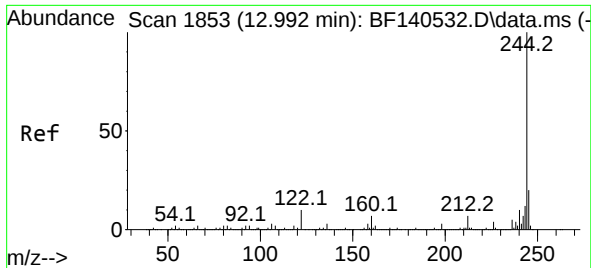
Tgt Ion:184 Resp: 30096
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.3 8.8 13.2



#78
Pyrene
Concen: 44.934 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

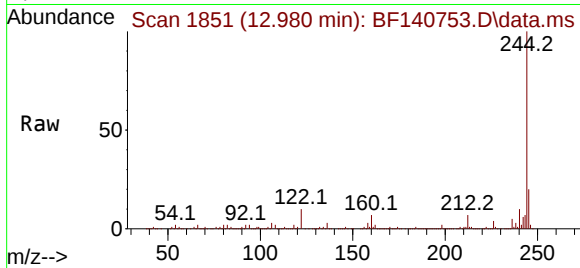
Tgt Ion:202 Resp: 561670
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 17.6 14.2 21.4



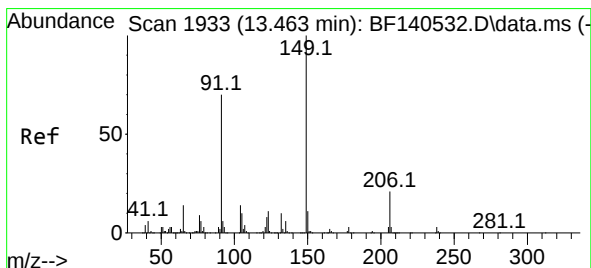
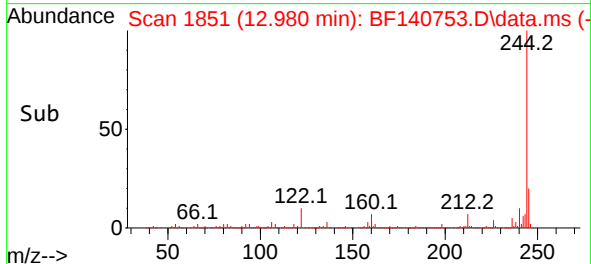
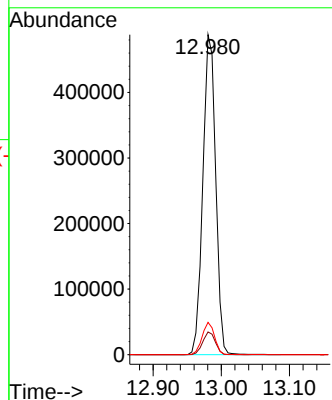


#79
 Terphenyl-d14
 Concen: 73.361 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140753.D
 Acq: 05 Dec 2024 17:19

Instrument :
 BNA_F
 ClientSampleId :
 MH-AMS

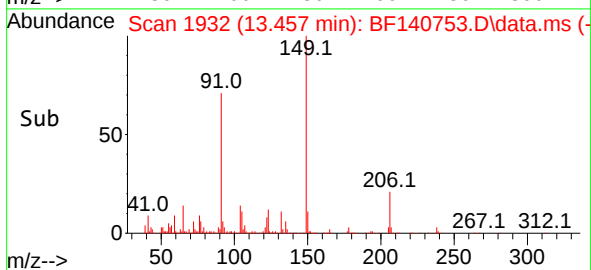
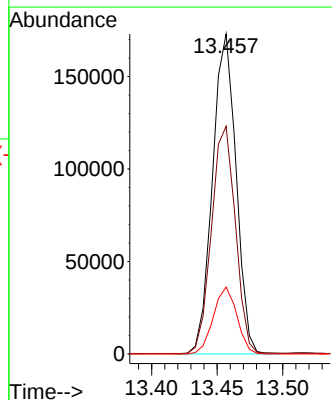
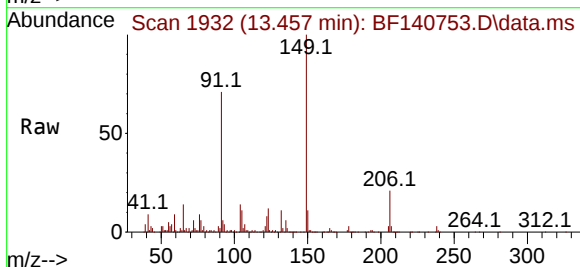


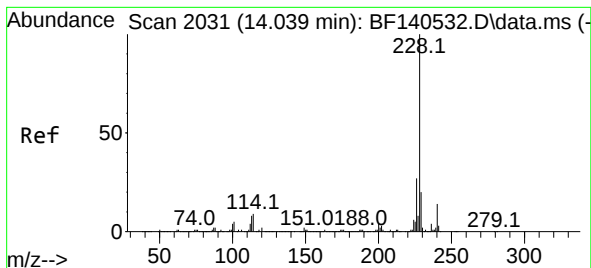
Tgt Ion:244 Resp: 636920
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.1 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 48.125 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140753.D
 Acq: 05 Dec 2024 17:19

Tgt Ion:149 Resp: 216707
 Ion Ratio Lower Upper
 149 100
 91 71.2 56.2 84.2
 206 20.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 52.775 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

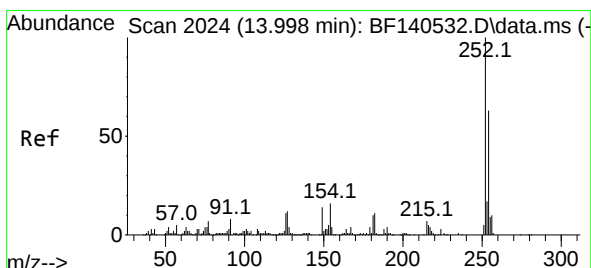
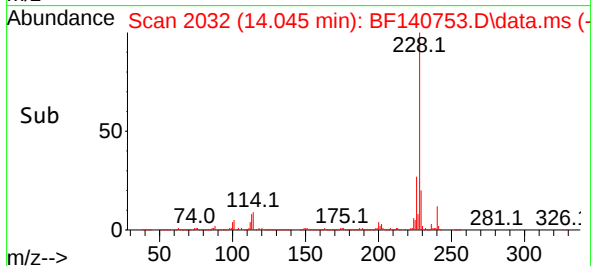
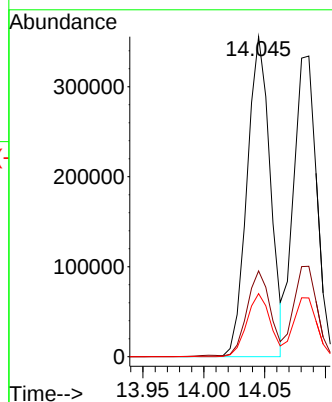
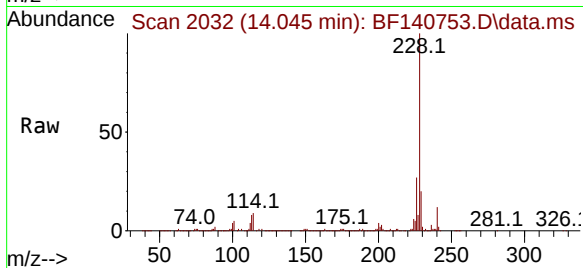
Tgt Ion:228 Resp: 472285

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 40.271 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

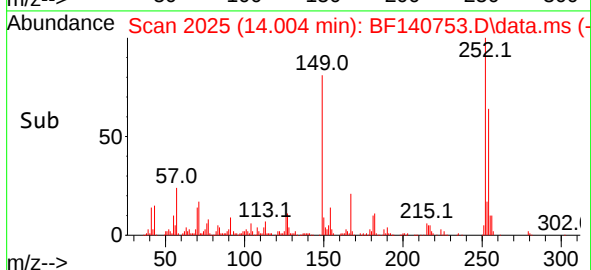
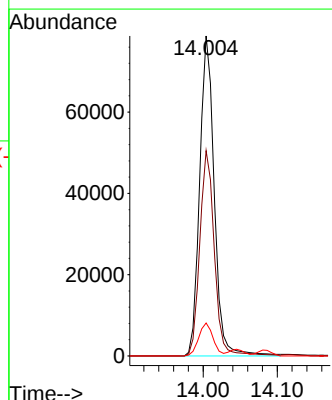
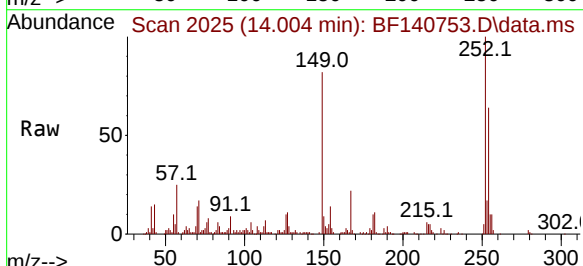
Tgt Ion:252 Resp: 108202

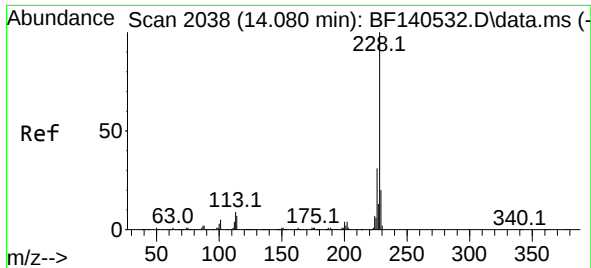
Ion Ratio Lower Upper

252 100

254 64.1 50.8 76.2

126 10.3 8.6 13.0





#83

Chrysene

Concen: 53.638 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

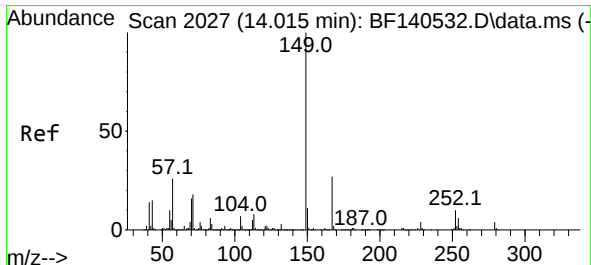
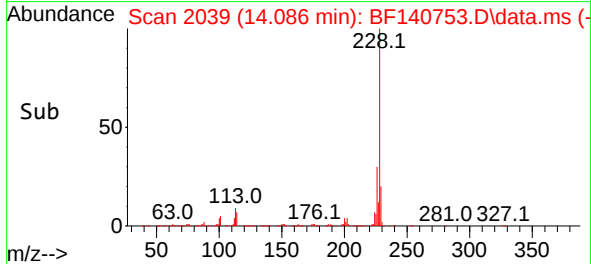
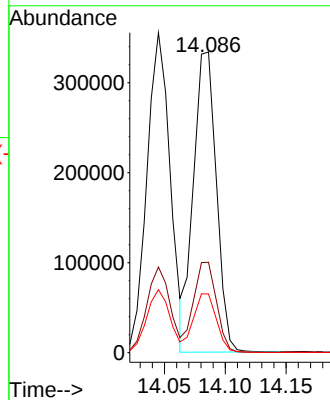
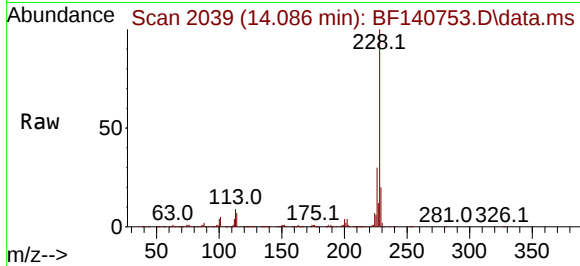
Tgt Ion:228 Resp: 438914

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.062 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

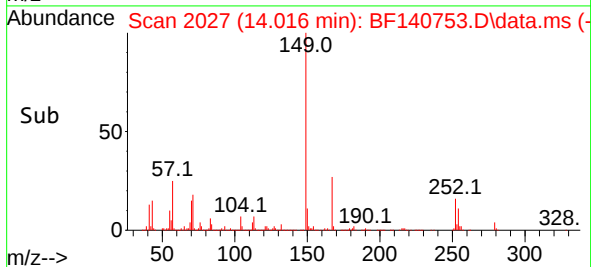
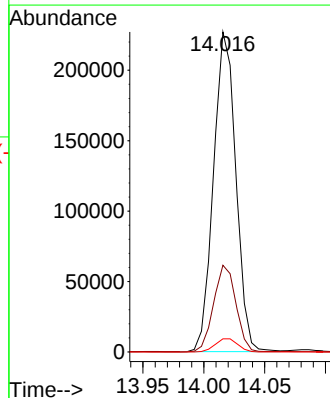
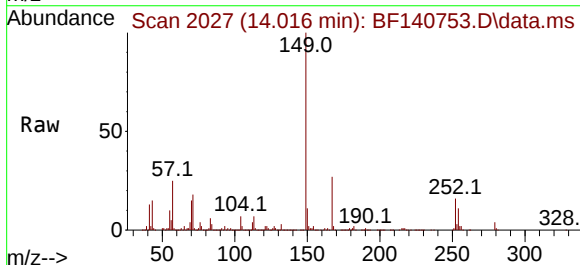
Tgt Ion:149 Resp: 290339

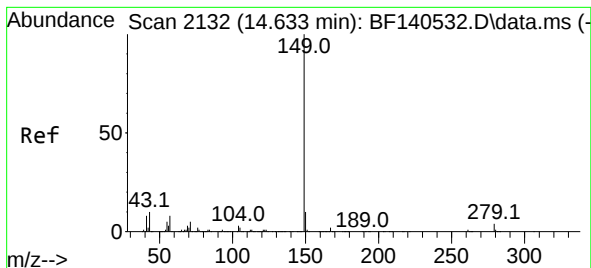
Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 62.443 ng

RT: 14.651 min Scan# 2135

Delta R.T. 0.018 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

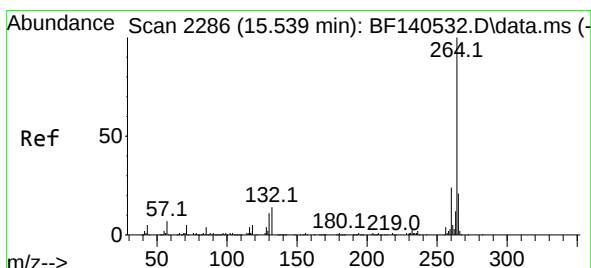
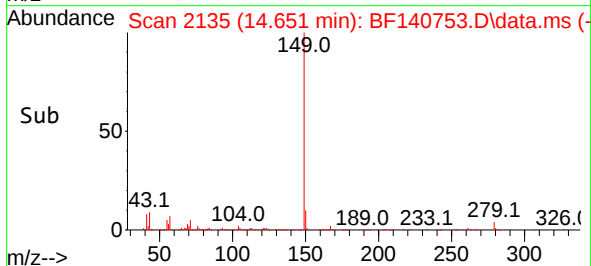
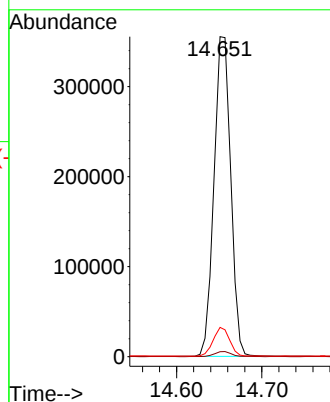
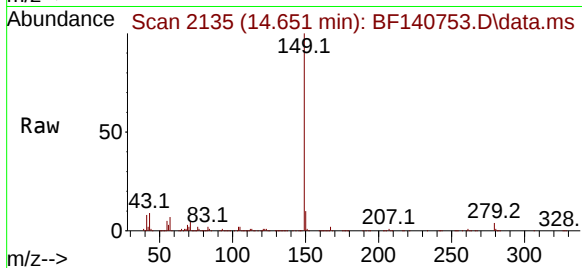
Tgt Ion:149 Resp: 485221

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.030 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

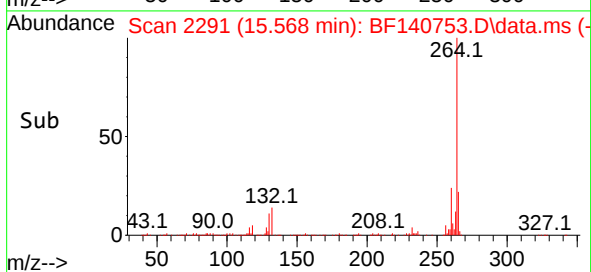
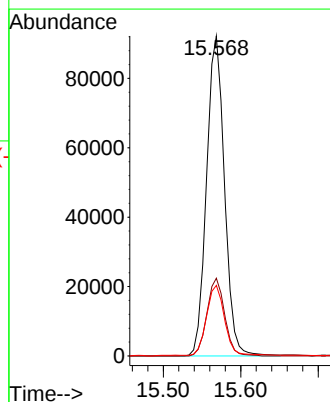
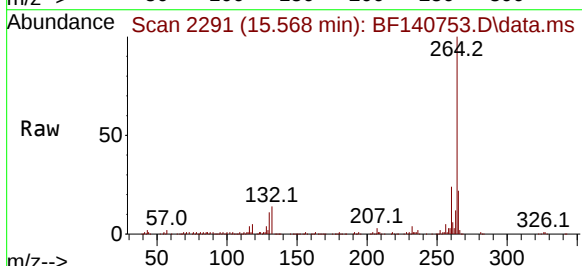
Tgt Ion:264 Resp: 148168

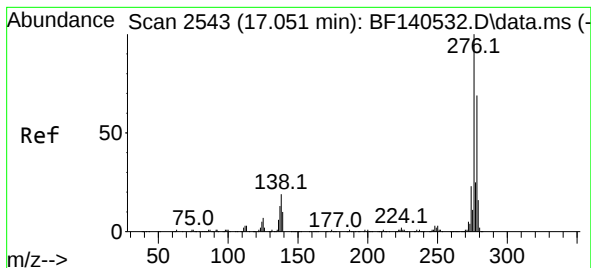
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 22.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.710 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

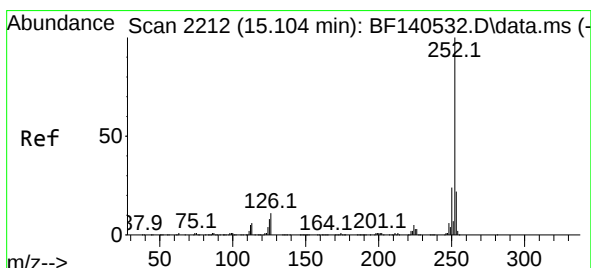
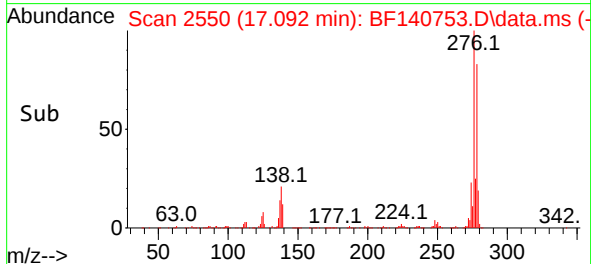
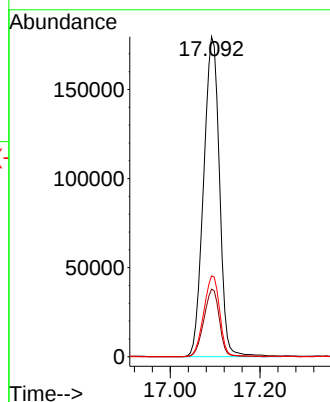
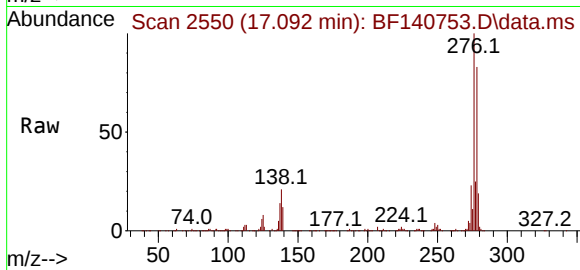
Tgt Ion:276 Resp: 441369

Ion Ratio Lower Upper

276 100

138 20.6 15.5 23.3

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 54.026 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.024 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

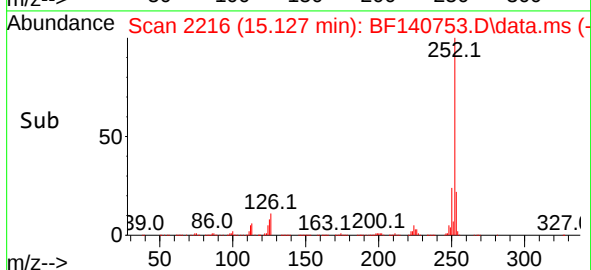
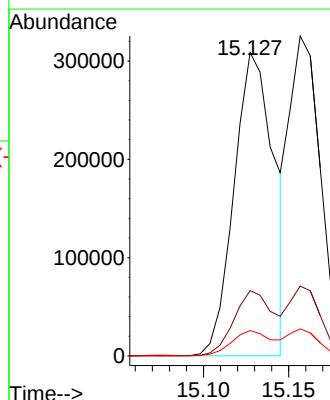
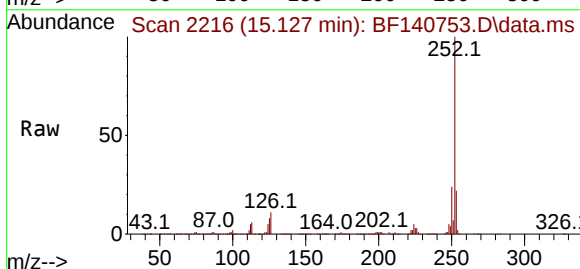
Tgt Ion:252 Resp: 502800

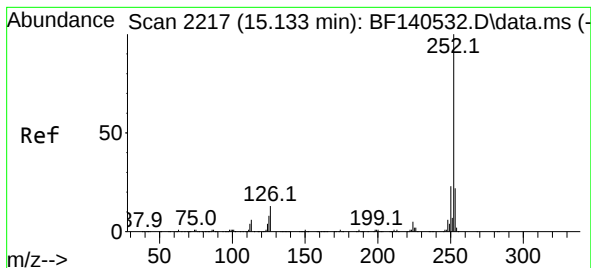
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 50.913 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

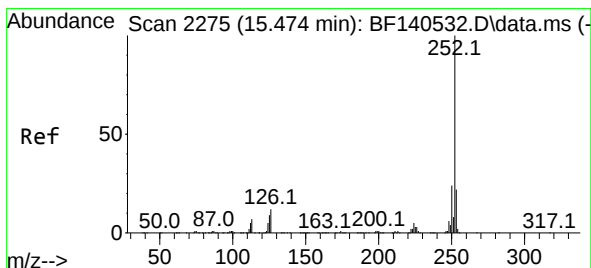
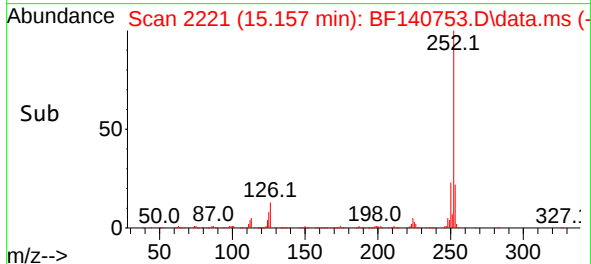
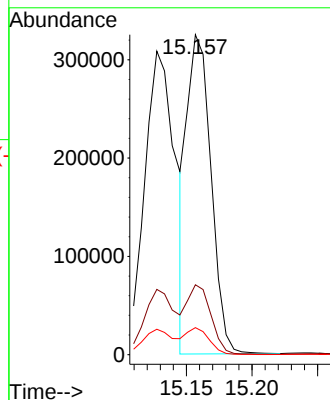
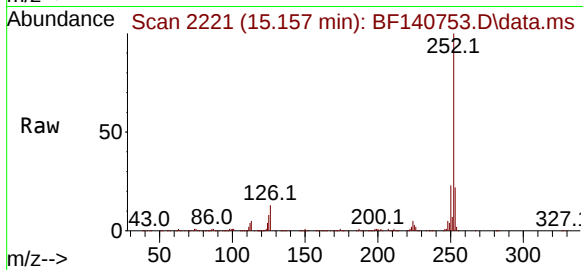
Tgt Ion:252 Resp: 414643

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.5 6.5 9.7



#90

Benzo(a)pyrene

Concen: 57.509 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.030 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

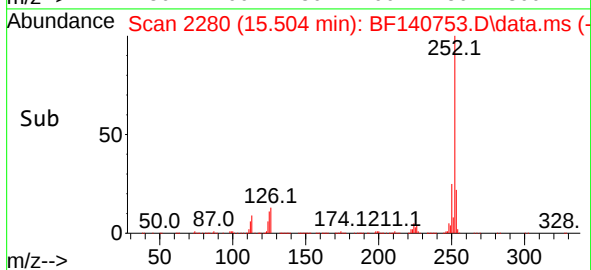
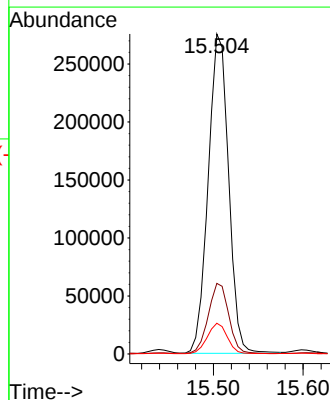
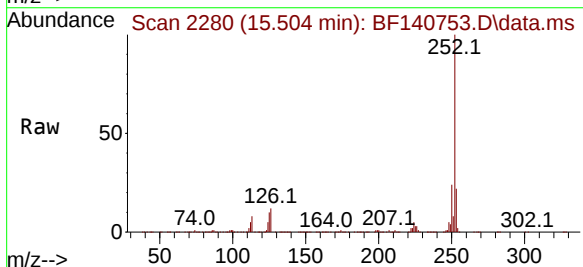
Tgt Ion:252 Resp: 435170

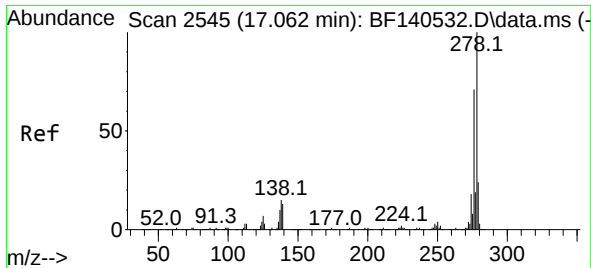
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.6 7.0 10.6

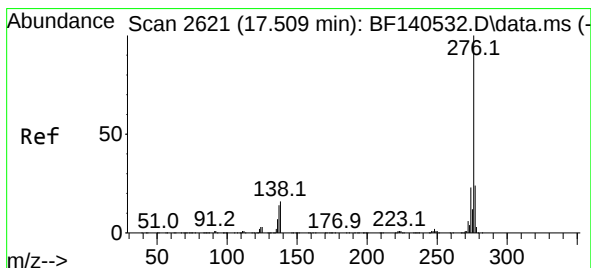
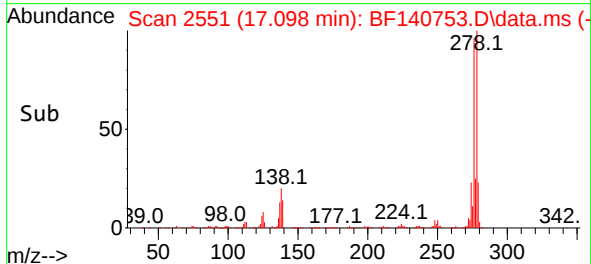
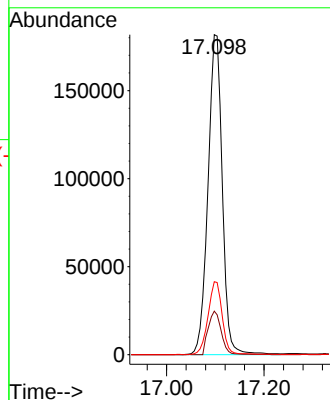
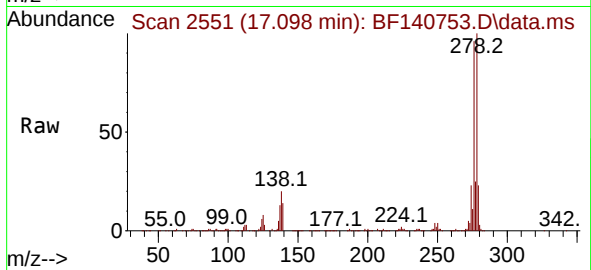




#91
 Dibenzo(a,h)anthracene
 Concen: 46.803 ng
 RT: 17.098 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF140753.D
 Acq: 05 Dec 2024 17:19

Instrument :
 BNA_F
 ClientSampleId :
 MH-AMS

Tgt Ion:278 Resp: 370109
 Ion Ratio Lower Upper
 278 100
 139 13.6 10.2 15.4
 279 22.8 18.9 28.3



#92
 Benzo(g,h,i)perylene
 Concen: 38.298 ng
 RT: 17.551 min Scan# 2628
 Delta R.T. 0.041 min
 Lab File: BF140753.D
 Acq: 05 Dec 2024 17:19

Tgt Ion:276 Resp: 309045
 Ion Ratio Lower Upper
 276 100
 277 23.0 18.9 28.3
 138 17.1 13.2 19.8

