

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140576.D
 Acq On : 22 Nov 2024 14:40
 Operator : RC/JU
 Sample : P4938-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732MS

Quant Time: Nov 22 15:01:19 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	84346	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	306818	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	169712	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	323089	20.000	ng	0.00
76) Chrysene-d12	14.051	240	192467	20.000	ng	0.00
86) Perylene-d12	15.539	264	184087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	588103	118.966	ng	0.00
7) Phenol-d6	6.510	99	753692	115.325	ng	0.00
23) Nitrobenzene-d5	7.434	82	487484	81.269	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	219031	120.673	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	867549	76.164	ng	0.00
79) Terphenyl-d14	12.986	244	951528	76.982	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	103227	49.665	ng	99
3) Pyridine	3.463	79	233136	50.980	ng	98
4) n-Nitrosodimethylamine	3.422	42	137977	51.335	ng	92
6) Aniline	6.534	93	186698	40.587	ng	# 82
8) 2-Chlorophenol	6.657	128	273483	51.422	ng	98
9) Benzaldehyde	6.422	77	135608	39.196	ng	98
10) Phenol	6.528	94	342970	51.387	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	257357	50.390	ng	99
12) 1,3-Dichlorobenzene	6.810	146	288950	48.351	ng	99
13) 1,4-Dichlorobenzene	6.887	146	292613	48.358	ng	98
14) 1,2-Dichlorobenzene	7.040	146	275244	48.544	ng	99
15) Benzyl Alcohol	7.016	79	241340	49.796	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	314689	52.155	ng	93
17) 2-Methylphenol	7.128	107	207777	48.804	ng	98
18) Hexachloroethane	7.381	117	114903	50.843	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	197812	51.215	ng	99
20) 3+4-Methylphenols	7.281	107	270705	49.470	ng	94
22) Acetophenone	7.281	105	370317	49.507	ng	98
24) Nitrobenzene	7.457	77	292304	47.150	ng	97
25) Isophorone	7.693	82	513135	51.289	ng	98
26) 2-Nitrophenol	7.769	139	142460	51.854	ng	99
27) 2,4-Dimethylphenol	7.810	122	198135	60.276	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	304699	49.992	ng	97
29) 2,4-Dichlorophenol	8.016	162	222389	51.057	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	232673	46.785	ng	99
31) Naphthalene	8.175	128	776821	49.154	ng	99
32) Benzoic acid	7.934	122	127170	44.988	ng	96
33) 4-Chloroaniline	8.228	127	57064	12.060	ng	95
34) Hexachlorobutadiene	8.287	225	157591	47.841	ng	99
35) Caprolactam	8.592	113	48620	36.070	ng	# 77
36) 4-Chloro-3-methylphenol	8.716	107	236528	48.501	ng	100
37) 2-Methylnaphthalene	8.863	142	497142	49.526	ng	99
38) 1-Methylnaphthalene	8.963	142	465762	47.337	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	243135	48.937	ng	98
41) Hexachlorocyclopentadiene	9.016	237	211916	179.754	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	154438	49.538	ng	99

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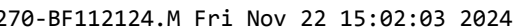
Instrument :
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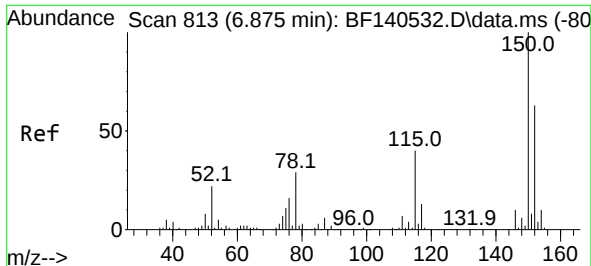
Quant Time: Nov 22 15:01:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	163652	48.368	ng	98
46) 1,1'-Biphenyl	9.328	154	619105	48.861	ng	100
47) 2-Chloronaphthalene	9.357	162	464797	48.411	ng	99
48) 2-Nitroaniline	9.457	65	151057	49.017	ng	96
49) Acenaphthylene	9.775	152	761743	52.511	ng	100
50) Dimethylphthalate	9.634	163	558789	49.994	ng	100
51) 2,6-Dinitrotoluene	9.698	165	119412	47.107	ng	94
52) Acenaphthene	9.945	154	465271	50.478	ng	99
53) 3-Nitroaniline	9.863	138	58078	23.425	ng	99
54) 2,4-Dinitrophenol	9.981	184	116383	87.803	ng	97
55) Dibenzofuran	10.116	168	697716	49.627	ng	99
56) 4-Nitrophenol	10.039	139	179221	105.995	ng	98
57) 2,4-Dinitrotoluene	10.104	165	167884	49.832	ng	98
58) Fluorene	10.463	166	547731	48.536	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	139067	53.481	ng	# 95
60) Diethylphthalate	10.328	149	571314	50.309	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	269386	48.642	ng	99
62) 4-Nitroaniline	10.486	138	119320	45.887	ng	97
63) Azobenzene	10.610	77	573985	53.373	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	87028	52.712	ng	96
66) n-Nitrosodiphenylamine	10.569	169	479390	50.174	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	163647	49.183	ng	99
68) Hexachlorobenzene	11.010	284	184498	47.888	ng	98
69) Atrazine	11.098	200	161070	59.924	ng	99
70) Pentachlorophenol	11.210	266	191833	113.131	ng	99
71) Phenanthrene	11.428	178	782871	50.408	ng	100
72) Anthracene	11.481	178	815370	53.672	ng	100
73) Carbazole	11.633	167	750943	51.383	ng	100
74) Di-n-butylphthalate	11.957	149	887501	52.600	ng	99
75) Fluoranthene	12.616	202	879609	52.165	ng	99
77) Benzidine	12.739	184	213574	38.166	ng	99
78) Pyrene	12.845	202	879936	49.446	ng	99
80) Butylbenzylphthalate	13.457	149	335508	52.335	ng	96
81) Benzo(a)anthracene	14.039	228	660322	51.828	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	125454	32.797	ng	100
83) Chrysene	14.074	228	607860	52.178	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	441633	54.556	ng	100
85) Di-n-octyl phthalate	14.639	149	655682	59.269	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	582709	48.572	ng	98
88) Benzo(b)fluoranthene	15.104	252	583147	50.433	ng	98
89) Benzo(k)fluoranthene	15.133	252	506222	50.030	ng	99
90) Benzo(a)pyrene	15.480	252	513647	54.635	ng	99
91) Dibenzo(a,h)anthracene	17.063	278	473943	48.239	ng	98
92) Benzo(g,h,i)perylene	17.510	276	427739	42.664	ng	99

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

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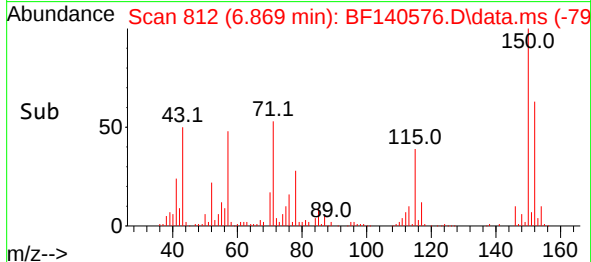
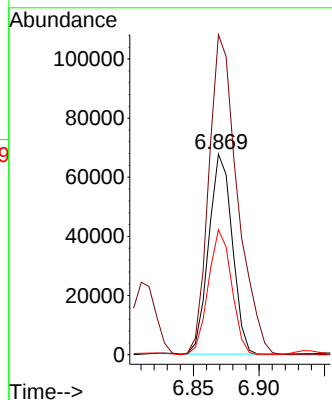
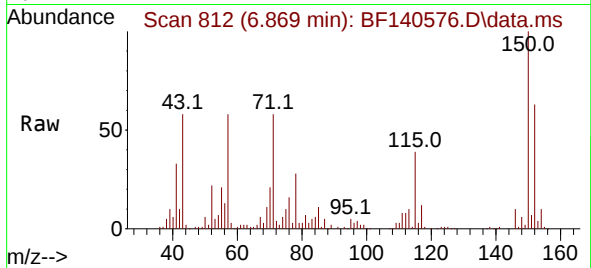




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

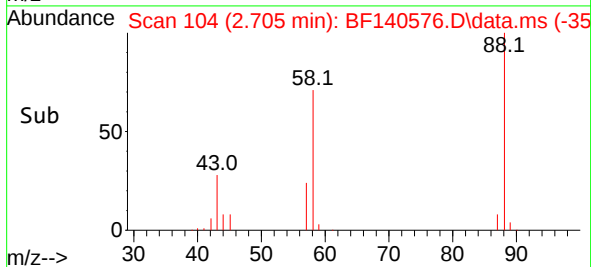
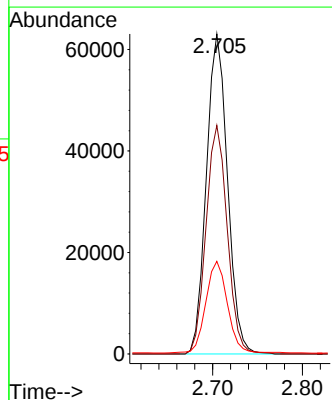
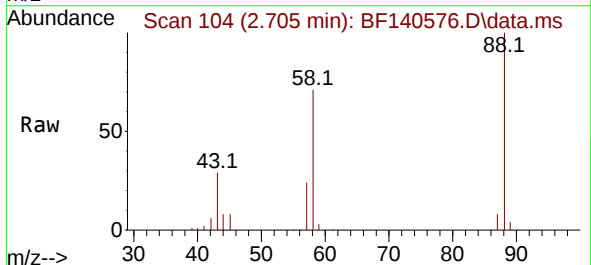
Instrument :
BNA_F
ClientSampleId :
MH-732MS

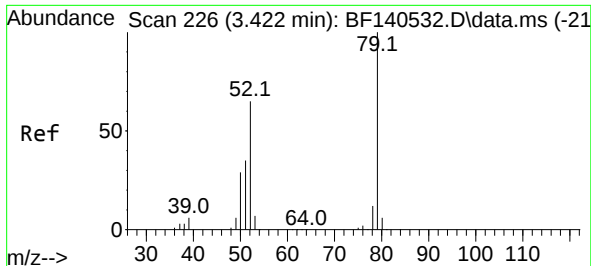
Tgt Ion:152 Resp: 84346
Ion Ratio Lower Upper
152 100
150 159.5 128.5 192.7
115 62.3 50.2 75.4



#2
1,4-Dioxane
Concen: 49.665 ng
RT: 2.705 min Scan# 104
Delta R.T. 0.053 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion: 88 Resp: 103227
Ion Ratio Lower Upper
88 100
58 71.7 57.4 86.2
43 29.6 24.3 36.5





#3

Pyridine

Concen: 50.980 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

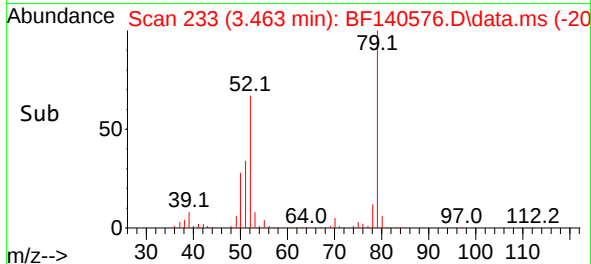
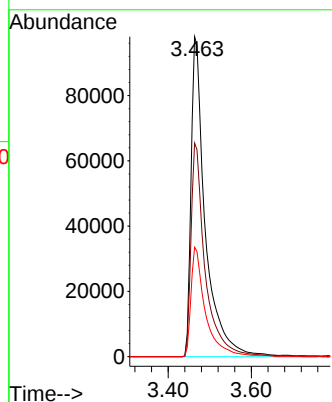
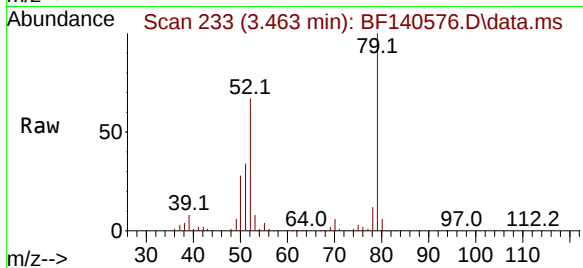
Tgt Ion: 79 Resp: 233136

Ion Ratio Lower Upper

79 100

52 66.7 52.1 78.1

51 34.2 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 51.335 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.041 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

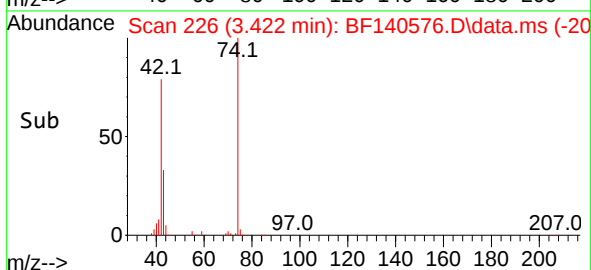
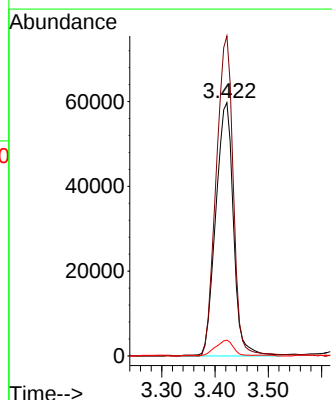
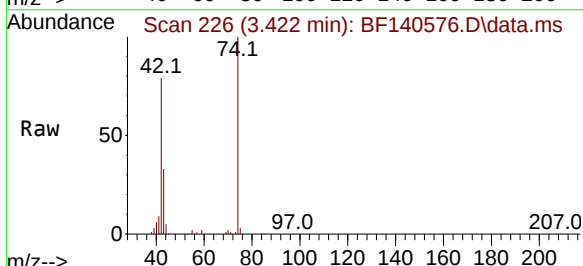
Tgt Ion: 42 Resp: 137977

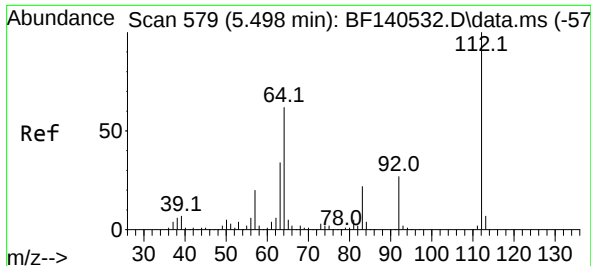
Ion Ratio Lower Upper

42 100

74 126.3 93.8 140.6

44 6.3 4.6 6.8

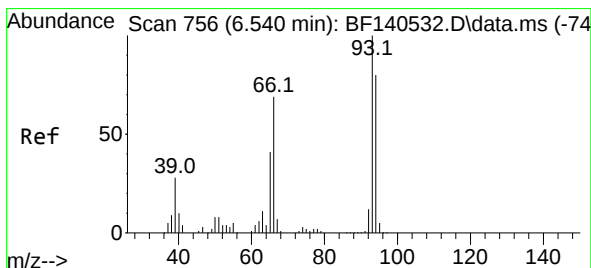
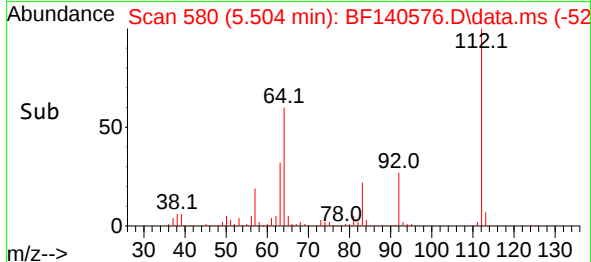
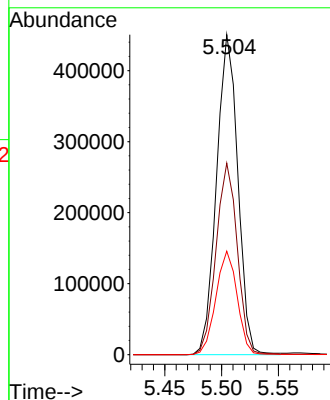
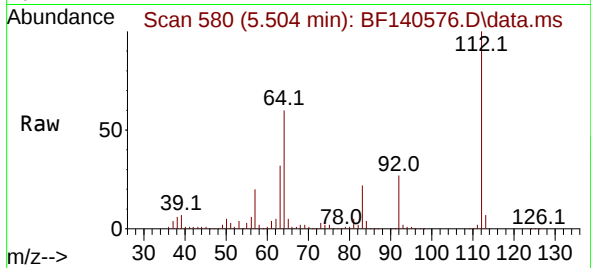




#5
2-Fluorophenol
Concen: 118.966 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

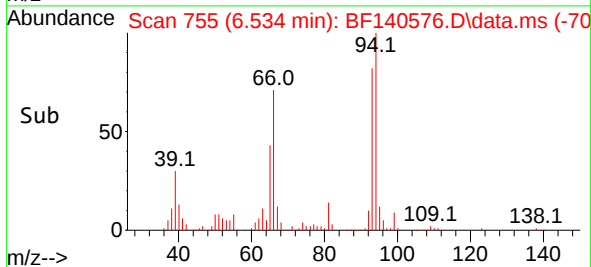
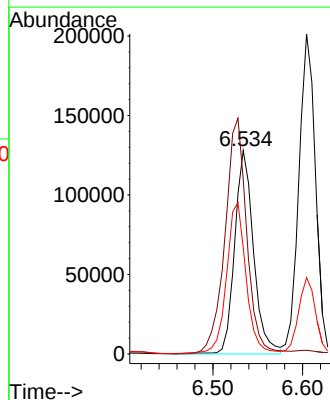
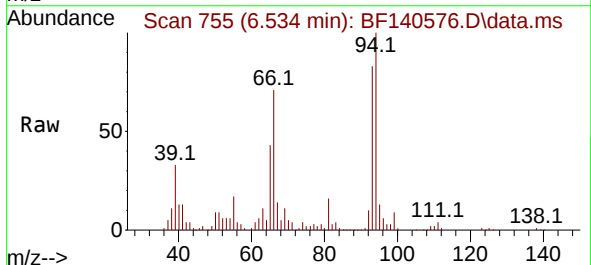
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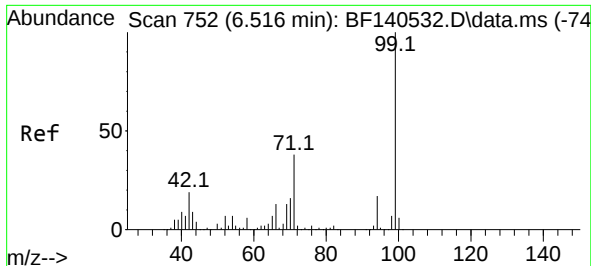
Tgt Ion:112 Resp: 588103
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 32.4 27.0 40.4



#6
Aniline
Concen: 40.587 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion: 93 Resp: 186698
Ion Ratio Lower Upper
93 100
66 85.9 56.5 84.7#
65 52.3 32.9 49.3#





#7

Phenol-d6

Concen: 115.325 ng

RT: 6.510 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

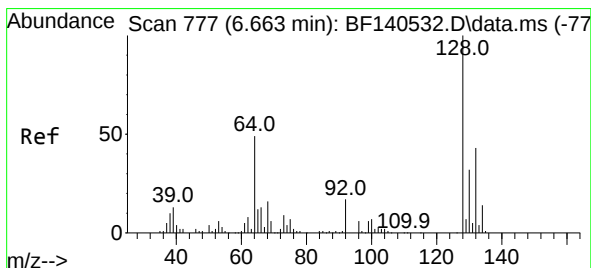
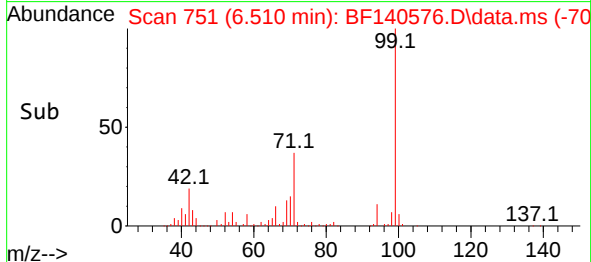
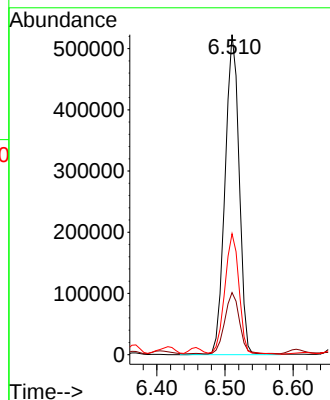
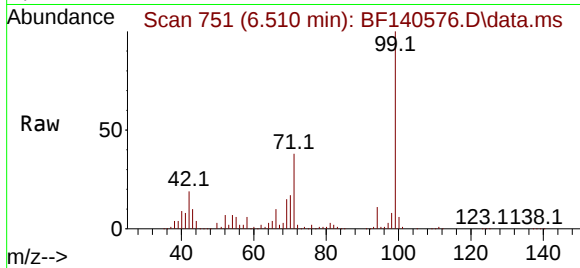
Tgt Ion: 99 Resp: 753692

Ion Ratio Lower Upper

99 100

42 19.4 15.4 23.0

71 37.8 30.6 46.0



#8

2-Chlorophenol

Concen: 51.422 ng

RT: 6.657 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

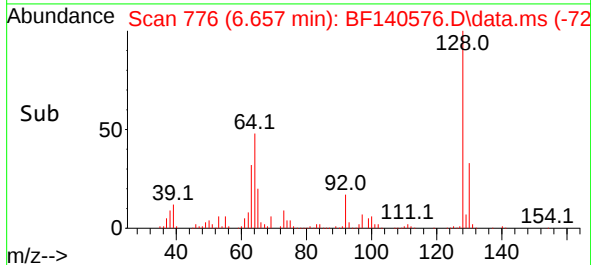
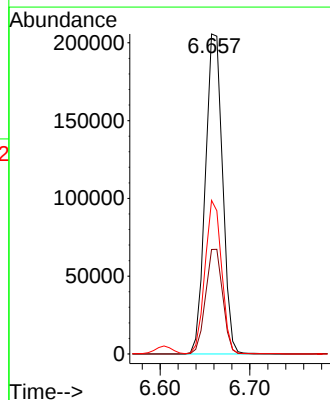
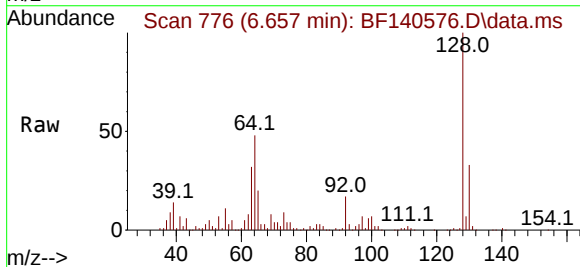
Tgt Ion:128 Resp: 273483

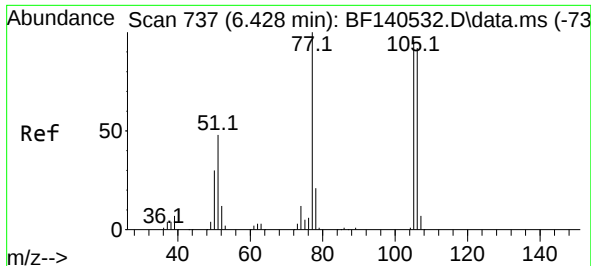
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 48.0 30.2 70.2





#9

Benzaldehyde

Concen: 39.196 ng

RT: 6.422 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

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ClientSampleId :

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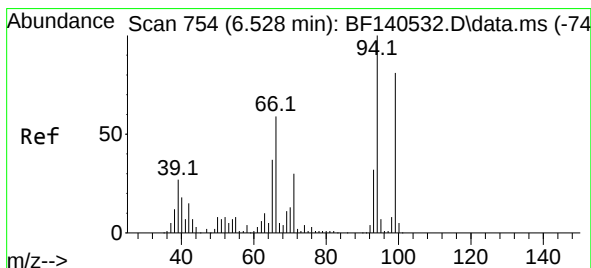
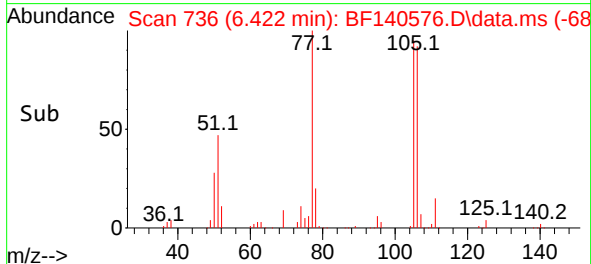
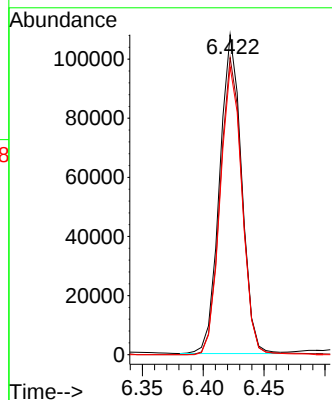
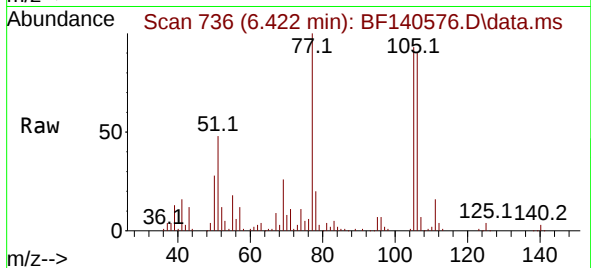
Tgt Ion: 77 Resp: 135608

Ion Ratio Lower Upper

77 100

105 92.9 75.6 115.6

106 89.9 72.0 112.0



#10

Phenol

Concen: 51.387 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

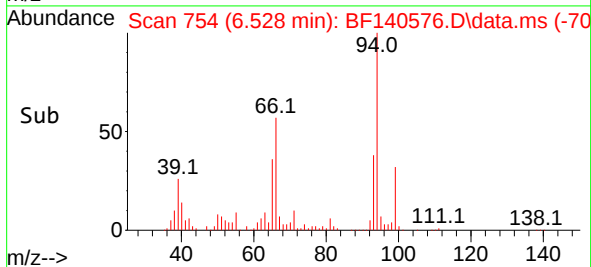
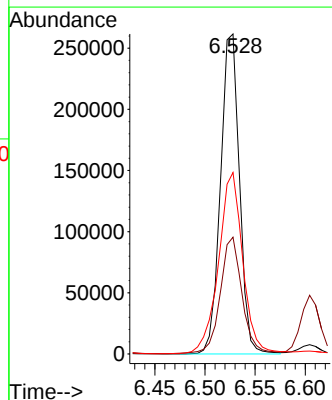
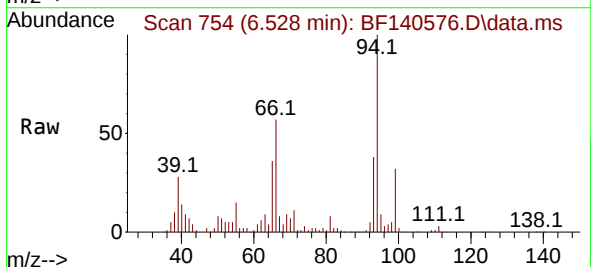
Tgt Ion: 94 Resp: 342970

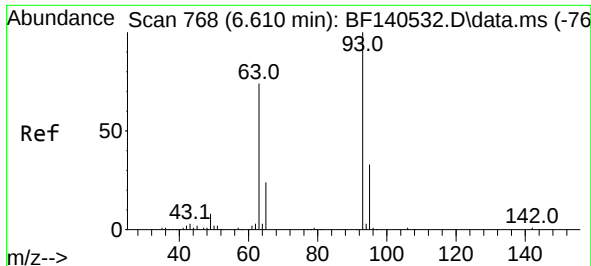
Ion Ratio Lower Upper

94 100

65 36.5 17.2 57.2

66 56.7 39.2 79.2

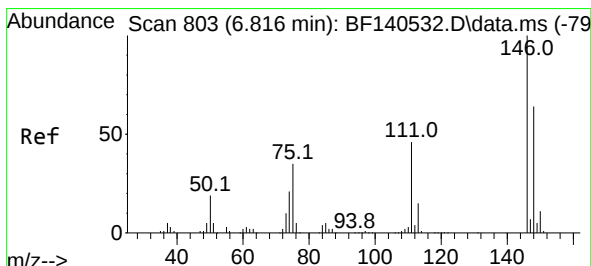
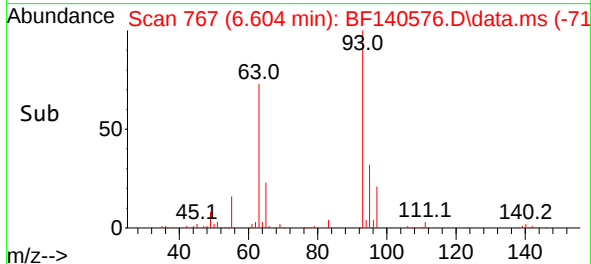
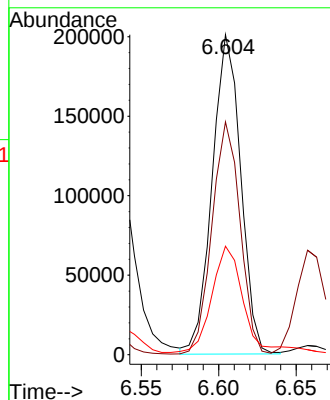
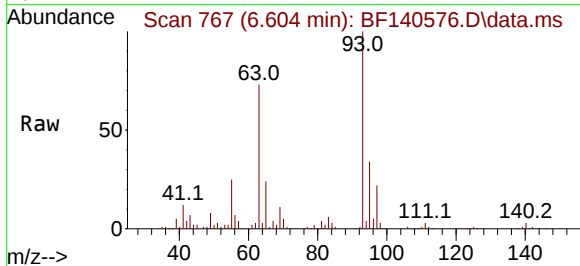




#11
bis(2-Chloroethyl)ether
Concen: 50.390 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

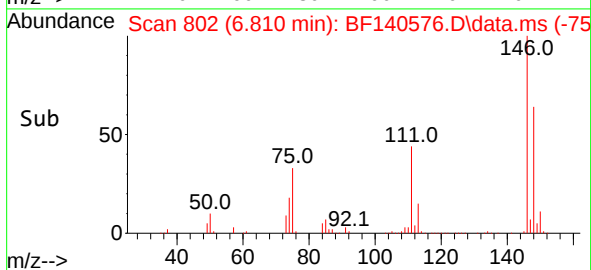
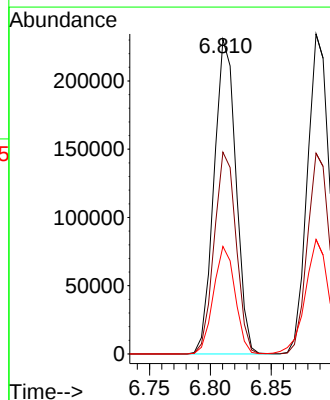
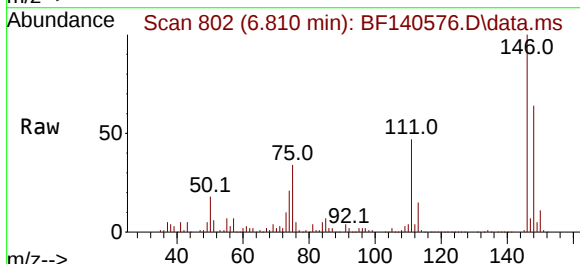
Instrument :
BNA_F
ClientSampleId :
MH-732MS

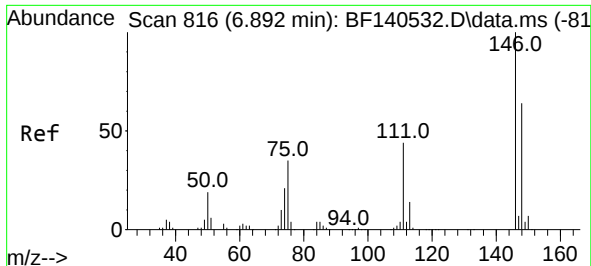
Tgt Ion: 93 Resp: 257357
Ion Ratio Lower Upper
93 100
63 72.8 52.8 92.8
95 33.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.351 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:146 Resp: 288950
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 34.2 28.2 42.2

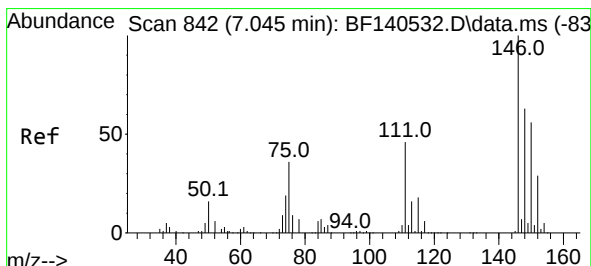
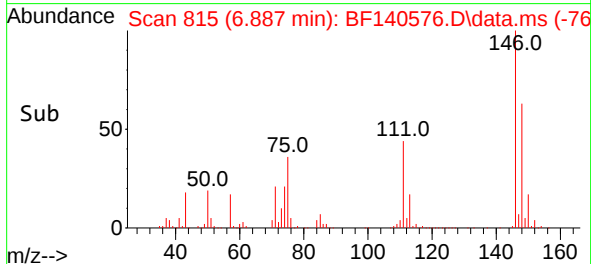
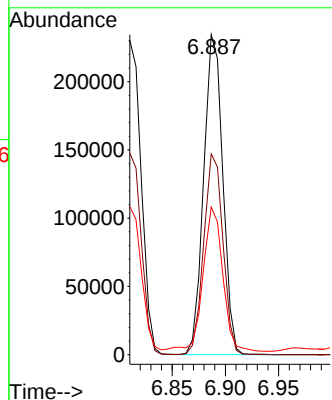
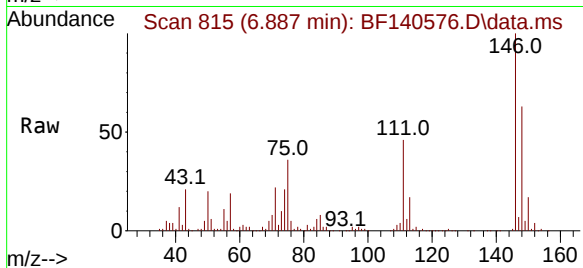




#13
1,4-Dichlorobenzene
Concen: 48.358 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

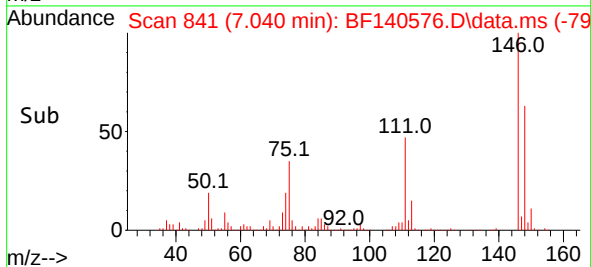
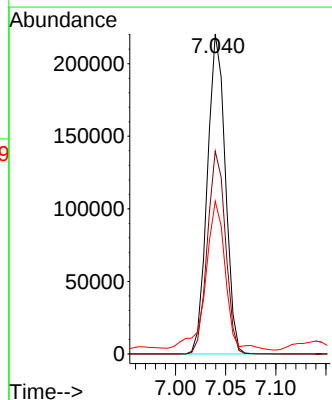
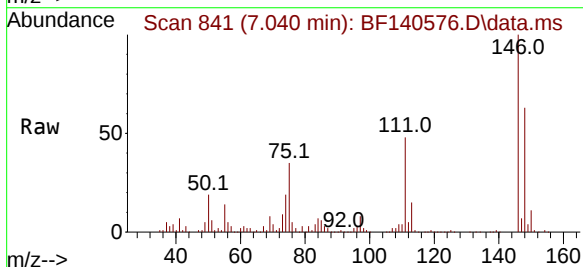
Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:146 Resp: 292613
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.6
111 46.1 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 48.544 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:146 Resp: 275244
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 47.8 36.7 55.1

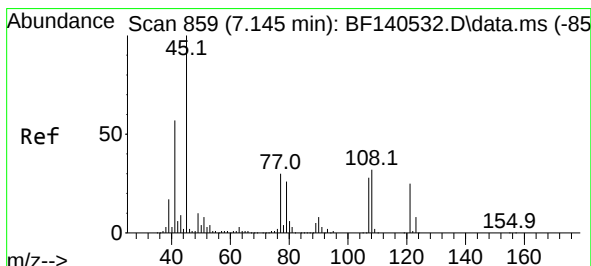
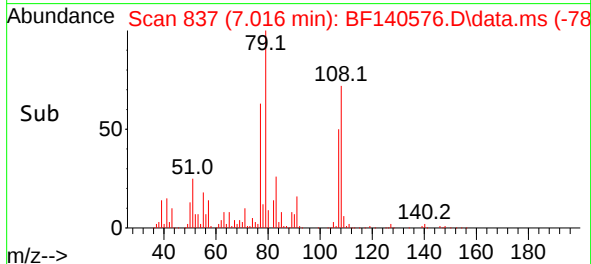
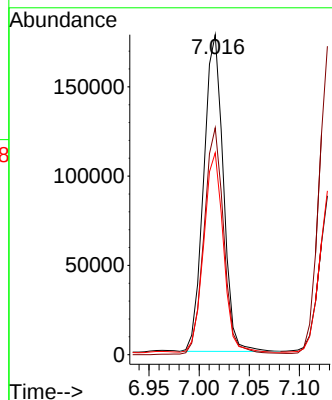
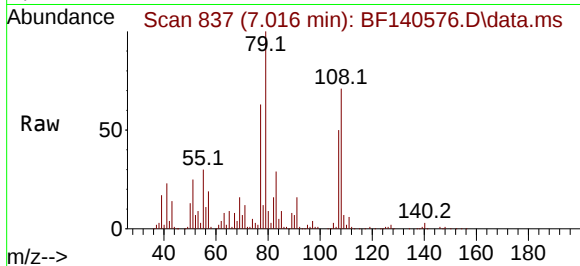




#15
Benzyl Alcohol
Concen: 49.796 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

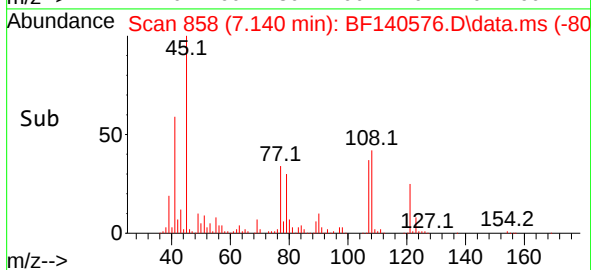
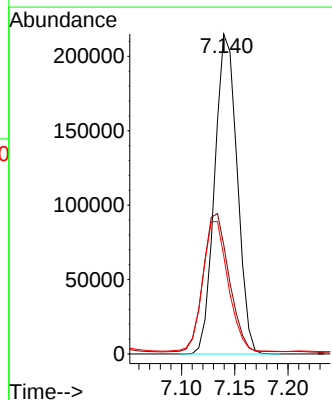
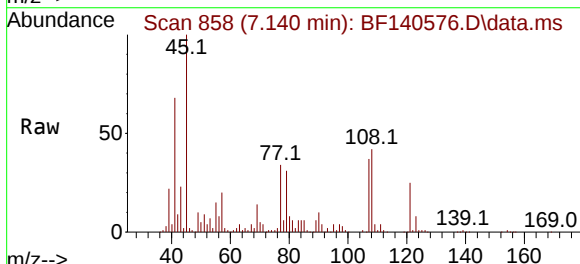
Instrument :
BNA_F
ClientSampleId :
MH-732MS

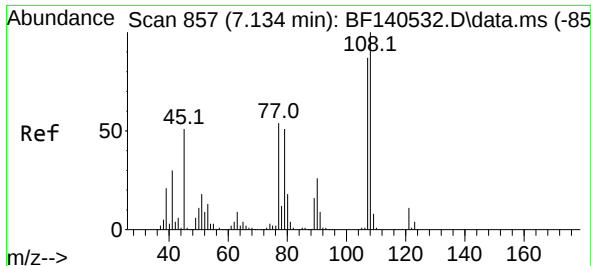
Tgt Ion: 79 Resp: 241340
Ion Ratio Lower Upper
79 100
108 70.9 55.0 82.6
77 63.1 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.155 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion: 45 Resp: 314689
Ion Ratio Lower Upper
45 100
77 34.2 10.7 50.7
79 30.7 7.0 47.0

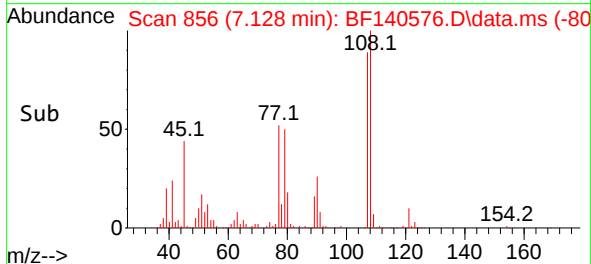
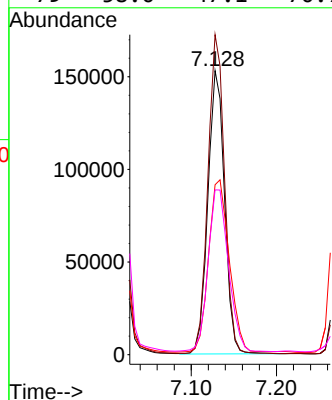
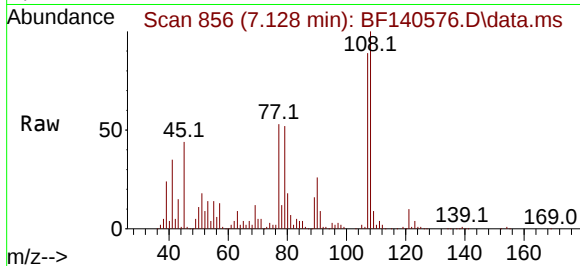




#17
2-Methylphenol
Concen: 48.804 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

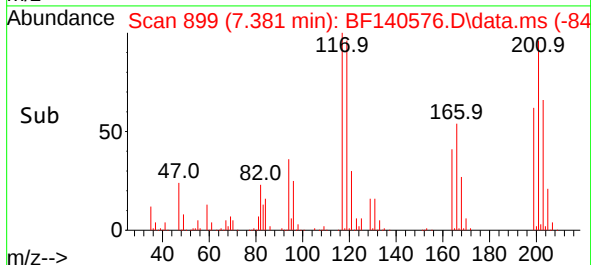
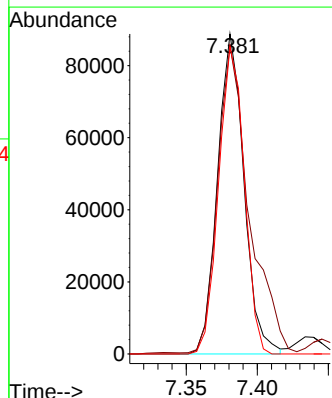
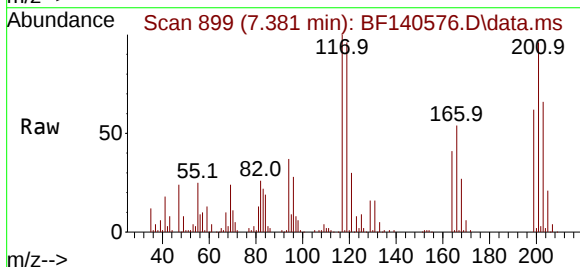
Instrument :
BNA_F
ClientSampleId :
MH-732MS

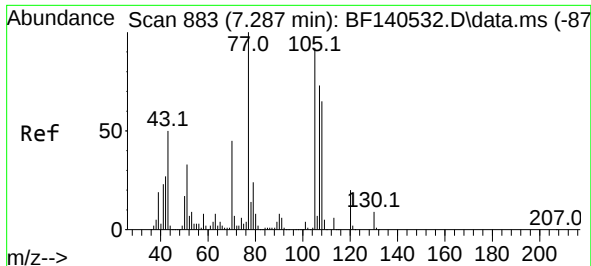
Tgt Ion:	107	Resp:	207777
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.7	137.5
77	59.8	49.3	73.9
79	58.0	47.1	70.7



#18
Hexachloroethane
Concen: 50.843 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:	117	Resp:	114903
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.1	115.7
201	96.0	81.1	121.7





#19

n-Nitroso-di-n-propylamine

Concen: 51.215 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

Tgt Ion: 70 Resp: 197812

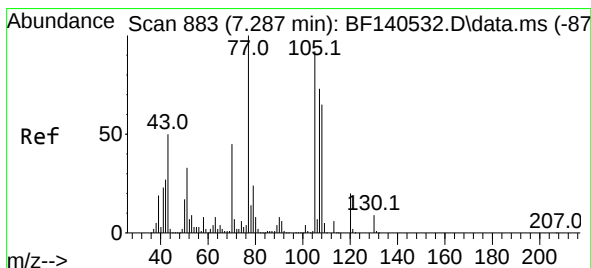
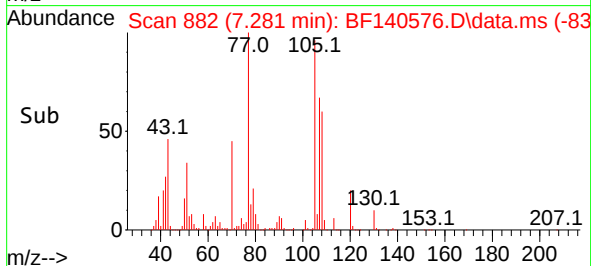
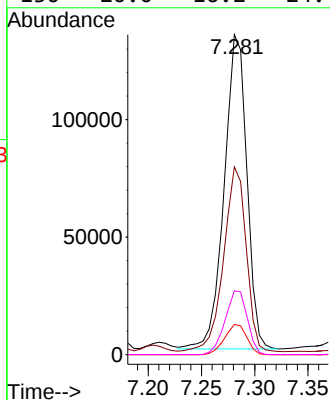
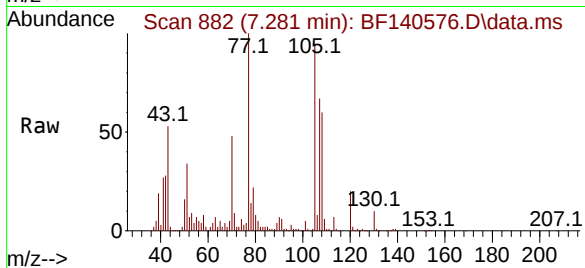
Ion Ratio Lower Upper

70 100

42 58.7 47.6 71.4

101 9.5 7.6 11.4

130 20.0 16.2 24.4



#20

3+4-Methylphenols

Concen: 49.470 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Tgt Ion:107 Resp: 270705

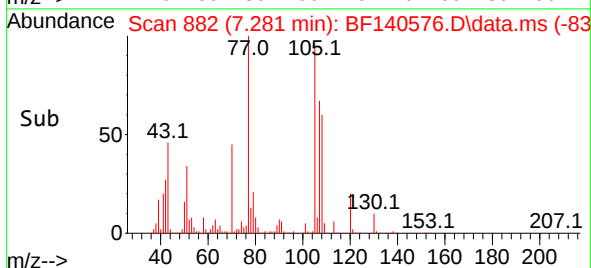
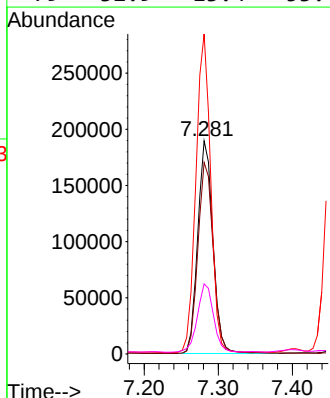
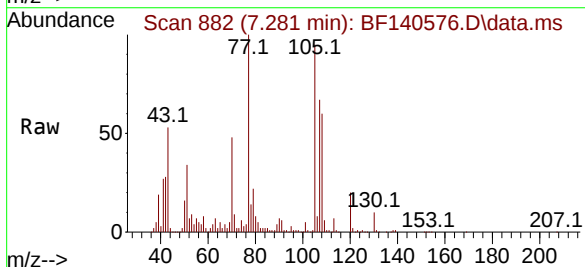
Ion Ratio Lower Upper

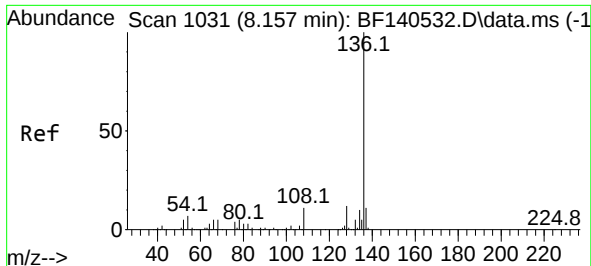
107 100

108 89.9 69.9 109.9

77 150.1 117.7 157.7

79 32.9 13.4 53.4

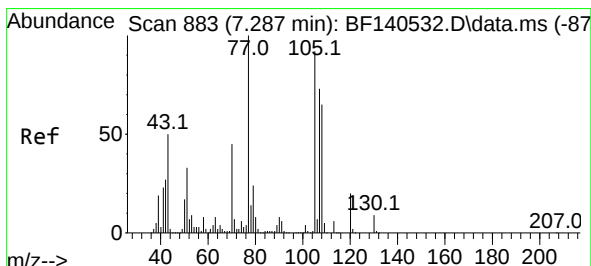
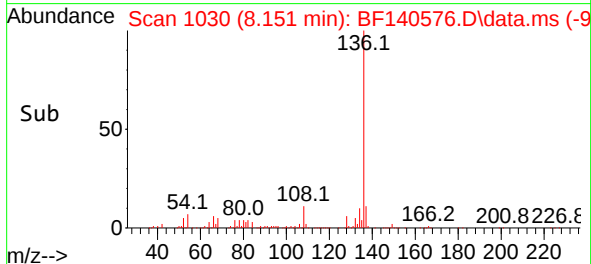
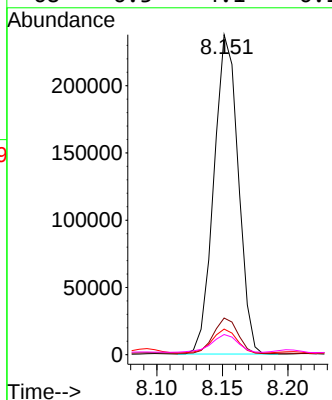
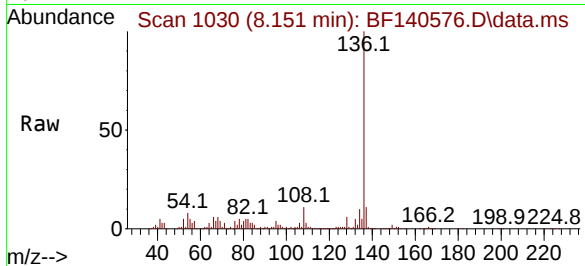




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

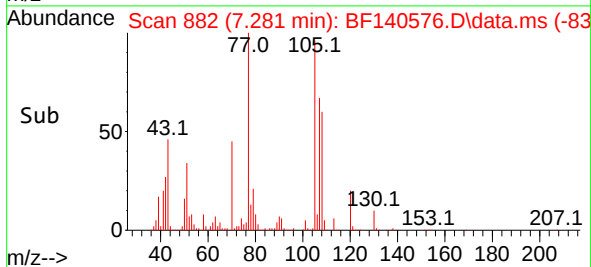
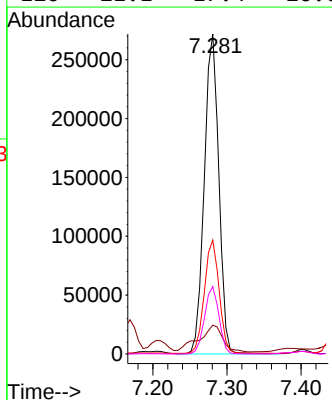
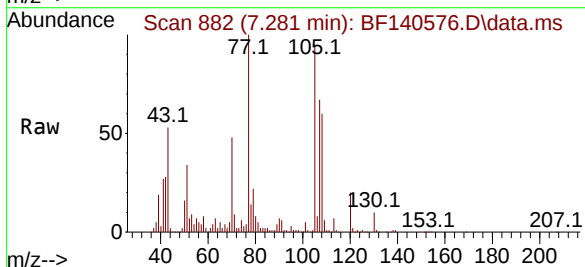
Instrument :
BNA_F
ClientSampleId :
MH-732MS

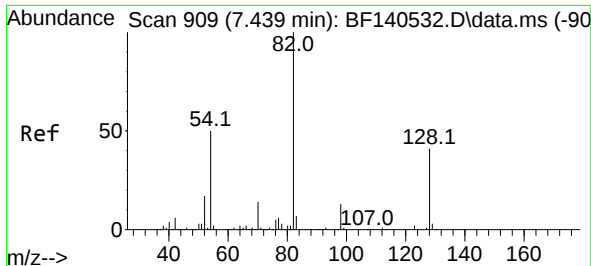
Tgt Ion:136 Resp: 306818
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 8.0 5.8 8.8
68 6.3 4.1 6.1#



#22
Acetophenone
Concen: 49.507 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:105 Resp: 370317
Ion Ratio Lower Upper
105 100
71 9.0 6.2 9.2
51 35.6 29.0 43.6
120 21.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 81.269 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

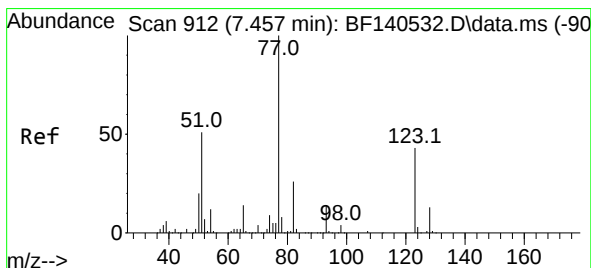
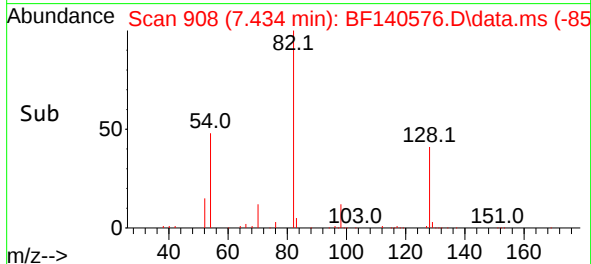
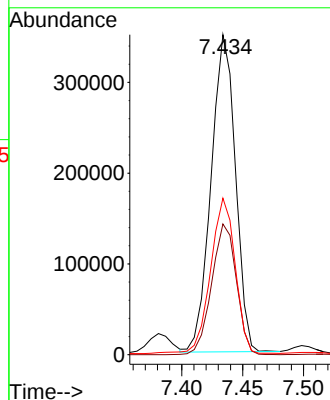
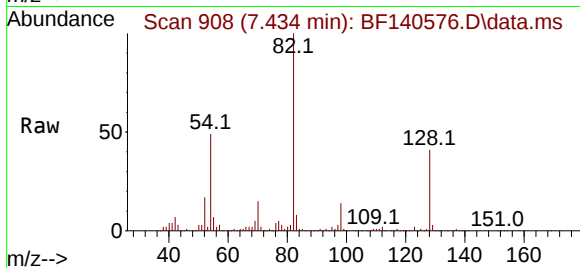
Tgt Ion: 82 Resp: 487484

Ion Ratio Lower Upper

82 100

128 40.9 33.0 49.4

54 48.9 39.5 59.3



#24

Nitrobenzene

Concen: 47.150 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

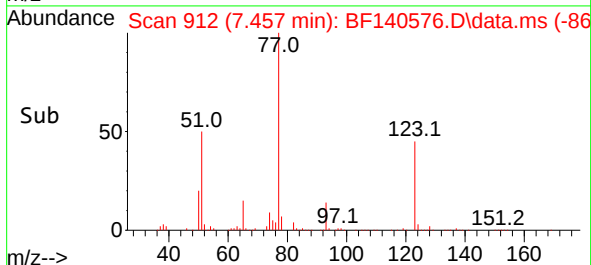
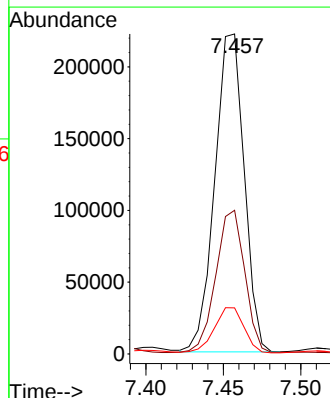
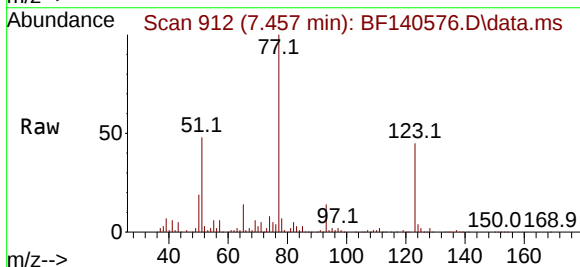
Tgt Ion: 77 Resp: 292304

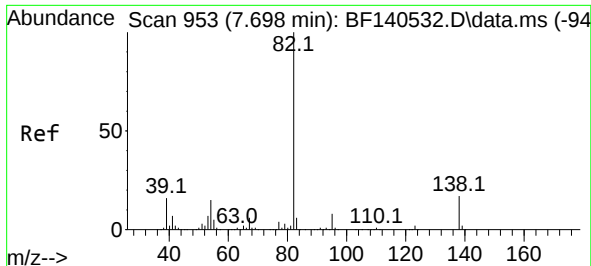
Ion Ratio Lower Upper

77 100

123 44.9 34.3 51.5

65 14.4 11.2 16.8

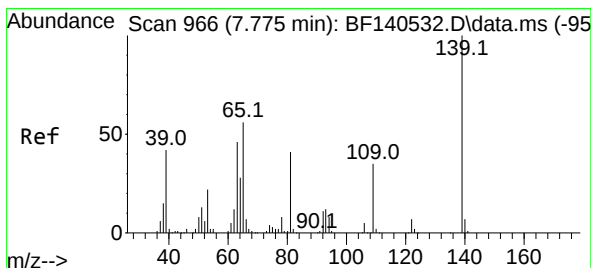
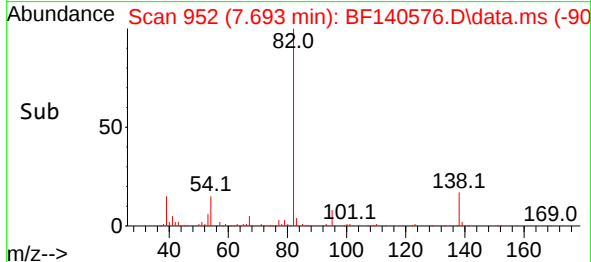
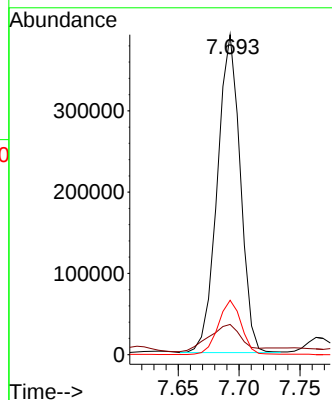
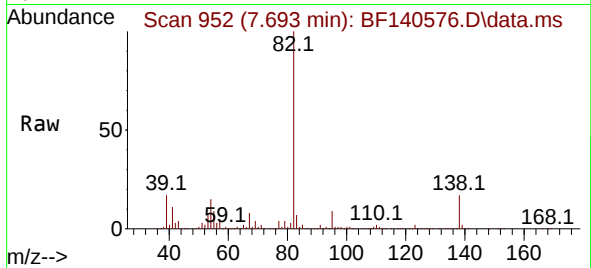




#25
Isophorone
Concen: 51.289 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

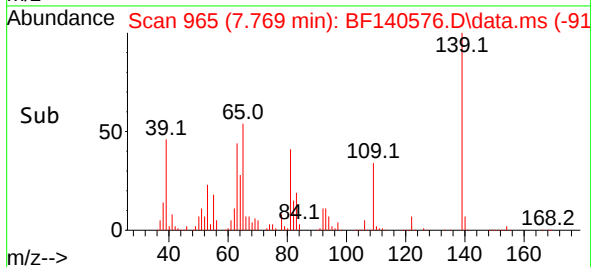
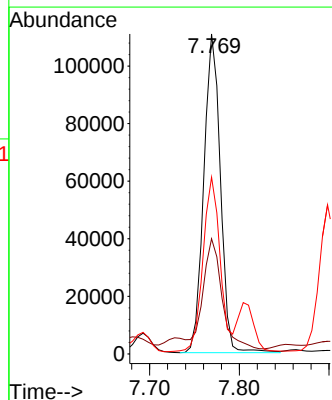
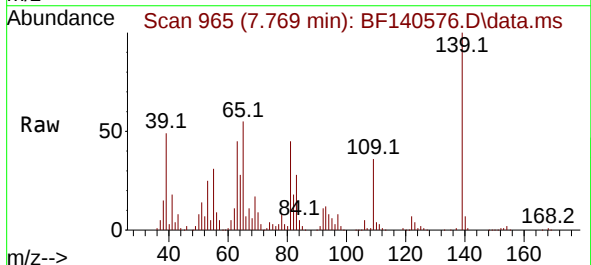
Instrument :
BNA_F
ClientSampleId :
MH-732MS

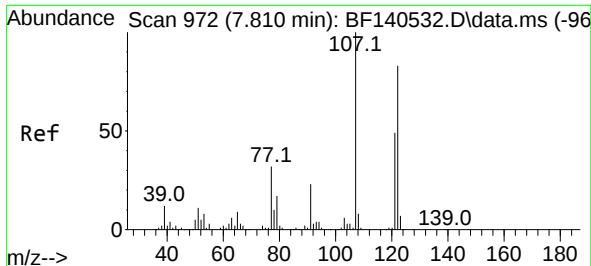
Tgt Ion: 82 Resp: 513135
Ion Ratio Lower Upper
82 100
95 9.5 6.4 9.6
138 17.0 13.8 20.6



#26
2-Nitrophenol
Concen: 51.854 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion: 139 Resp: 142460
Ion Ratio Lower Upper
139 100
109 36.0 28.0 42.0
65 55.3 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 60.276 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

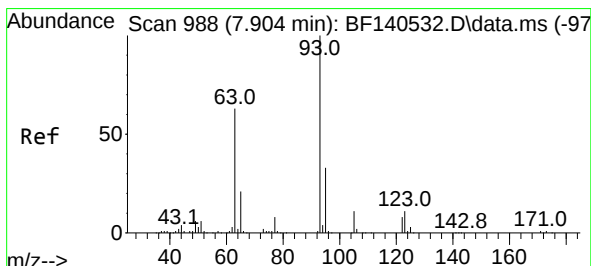
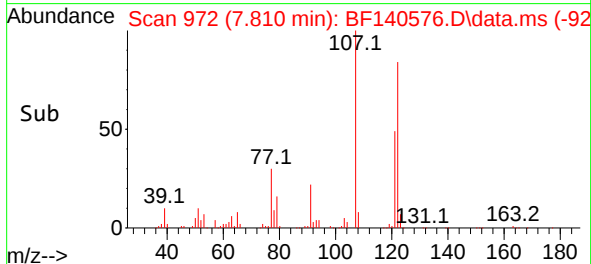
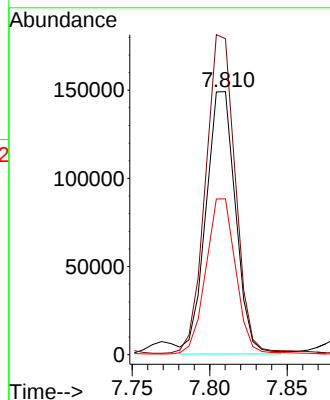
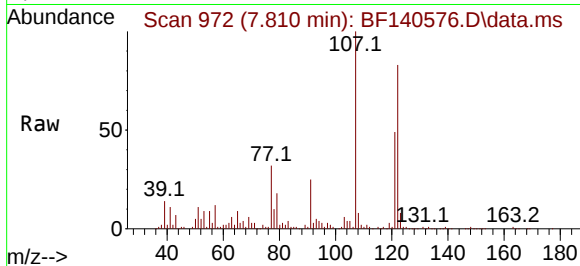
Tgt Ion:122 Resp: 198135

Ion Ratio Lower Upper

122 100

107 120.2 96.8 145.2

121 59.2 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 49.992 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

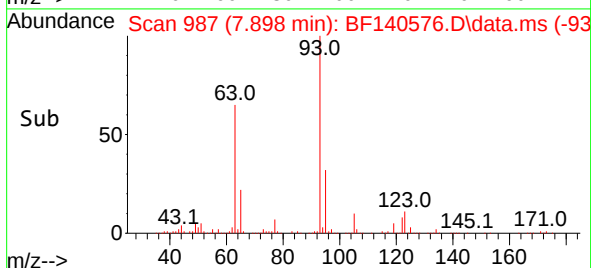
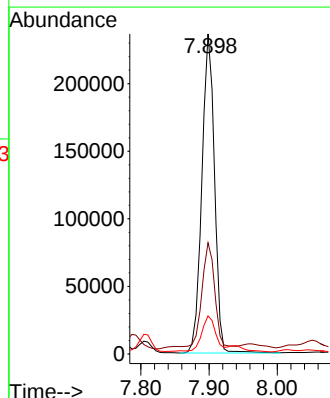
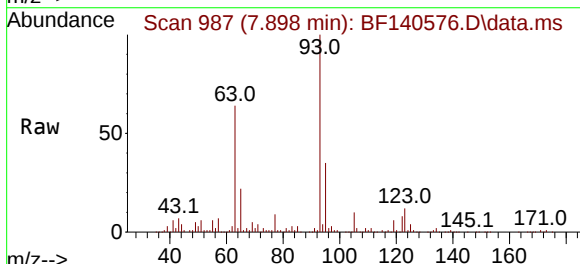
Tgt Ion: 93 Resp: 304699

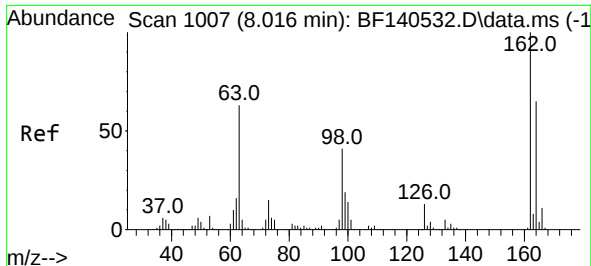
Ion Ratio Lower Upper

93 100

95 34.8 26.1 39.1

123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.057 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

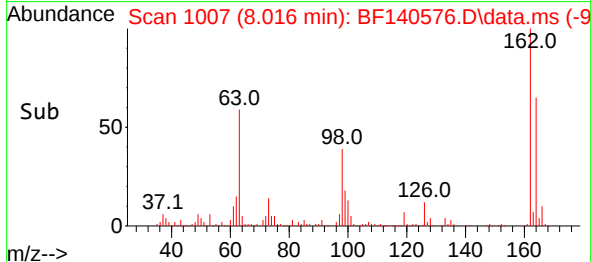
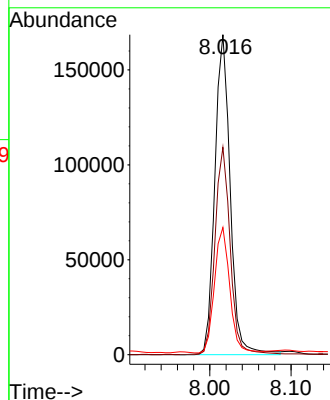
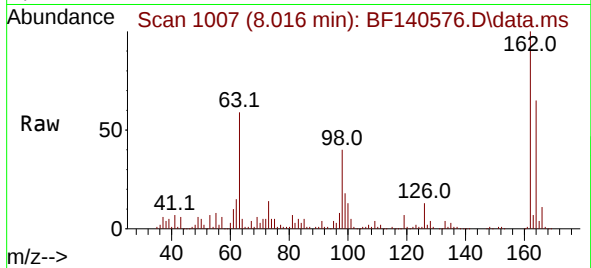
Tgt Ion:162 Resp: 222389

Ion Ratio Lower Upper

162 100

164 64.8 44.8 84.8

98 39.8 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 46.785 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

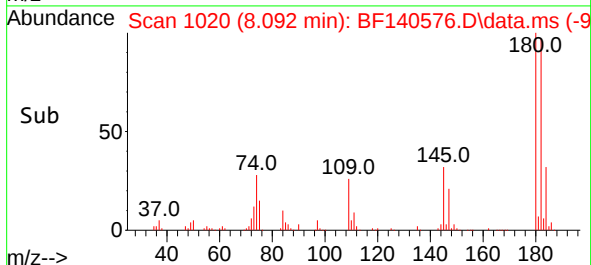
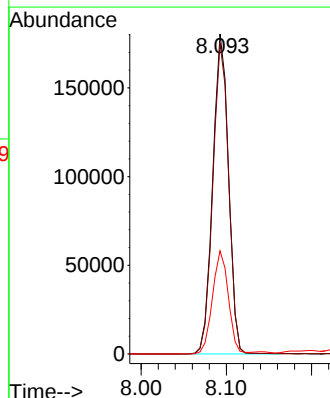
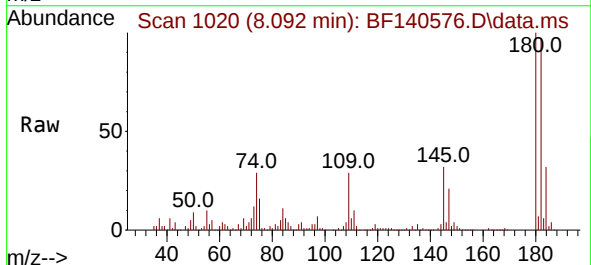
Tgt Ion:180 Resp: 232673

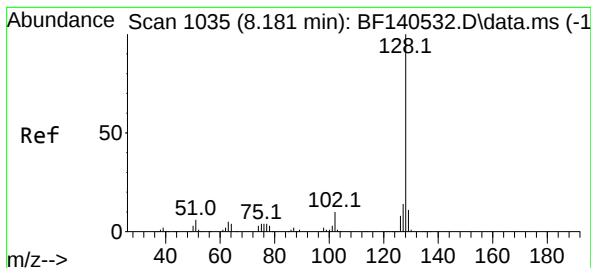
Ion Ratio Lower Upper

180 100

182 97.2 76.4 114.6

145 32.2 25.9 38.9





#31

Naphthalene

Concen: 49.154 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

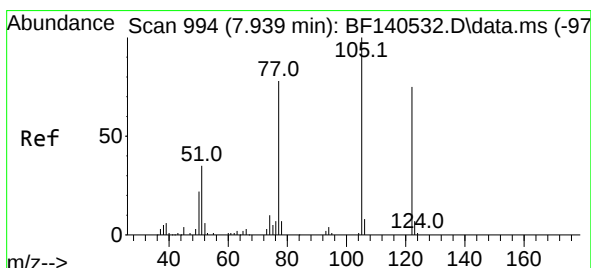
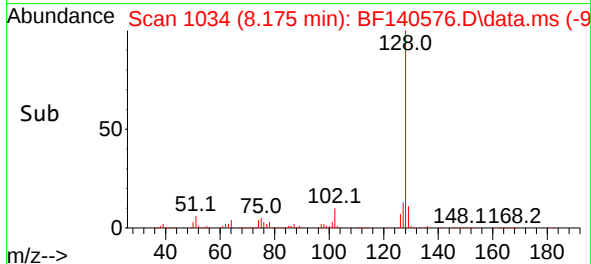
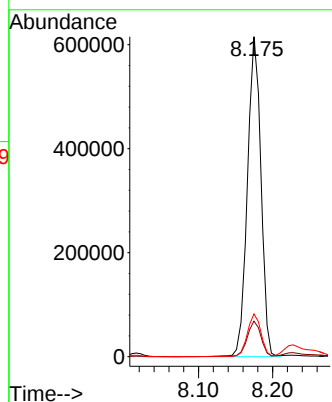
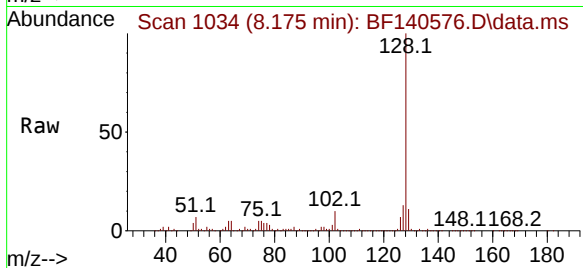
Tgt Ion:128 Resp: 776821

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 44.988 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.005 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

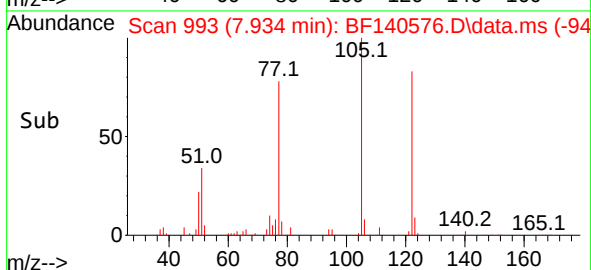
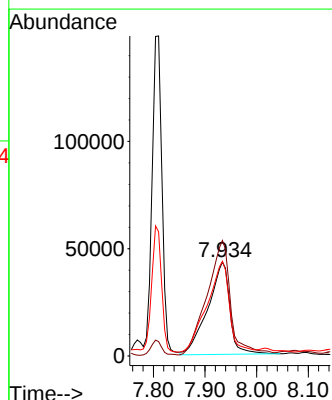
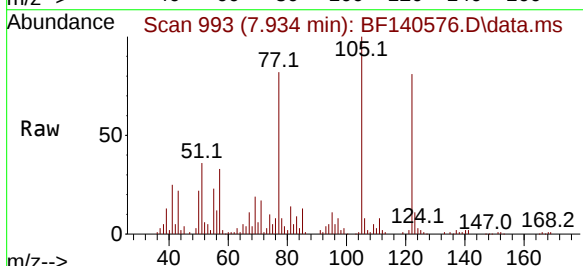
Tgt Ion:122 Resp: 127170

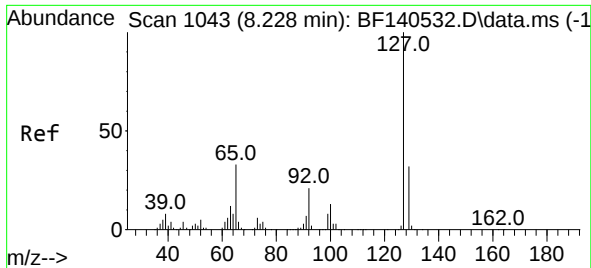
Ion Ratio Lower Upper

122 100

105 122.9 109.3 149.3

77 100.9 82.3 122.3

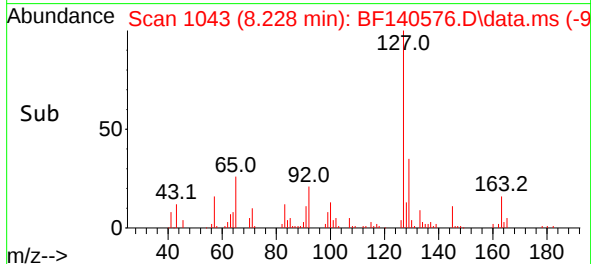
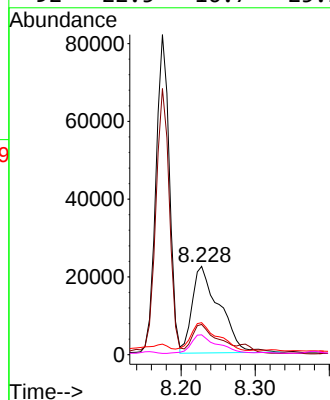
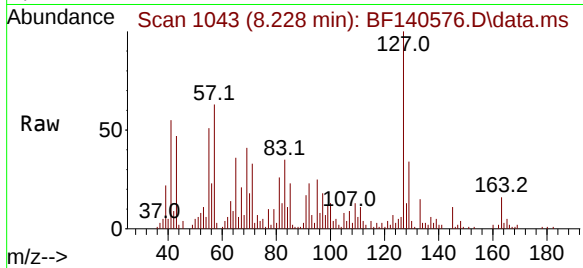




#33
4-Chloroaniline
Concen: 12.060 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

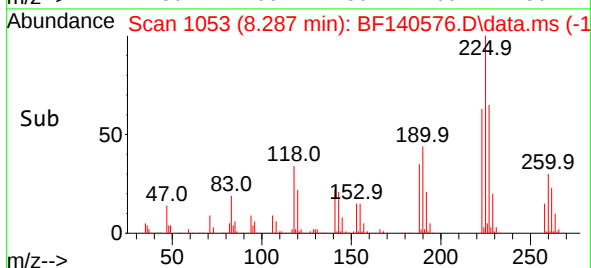
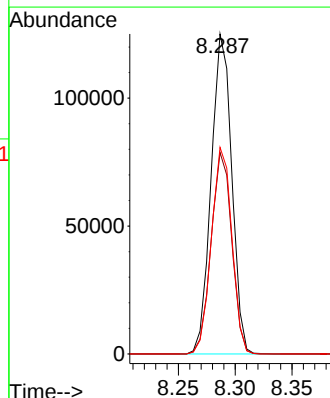
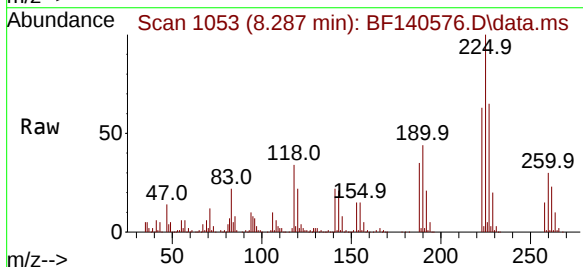
Instrument :
BNA_F
ClientSampleId :
MH-732MS

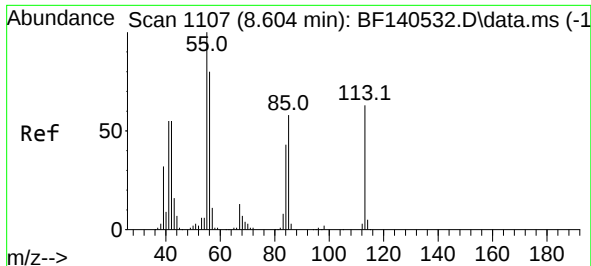
Tgt Ion:	127	Resp:	57064
Ion Ratio	Lower	Upper	
127	100		
129	34.3	26.0	39.0
65	36.2	26.0	39.0
92	22.5	16.7	25.1



#34
Hexachlorobutadiene
Concen: 47.841 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:	225	Resp:	157591
Ion Ratio	Lower	Upper	
225	100		
223	62.9	49.8	74.8
227	64.5	51.3	76.9

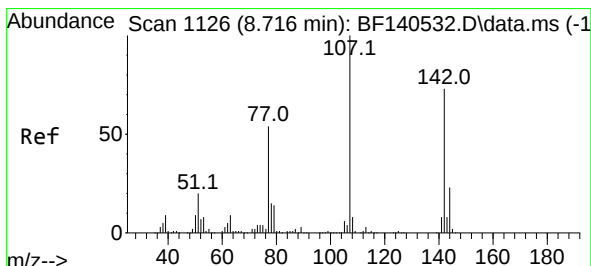
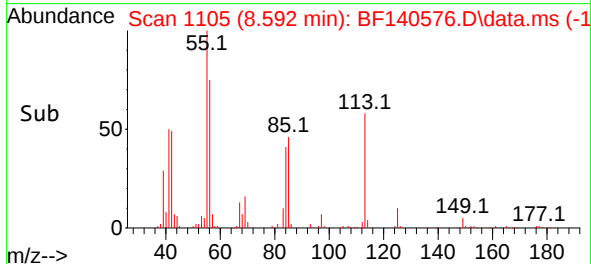
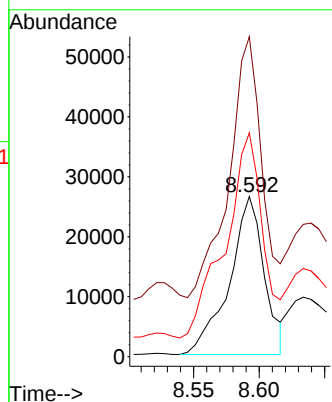
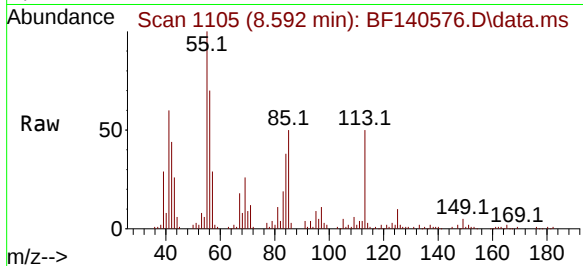




#35
 Caprolactam
 Concen: 36.070 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF140576.D
 Acq: 22 Nov 2024 14:40

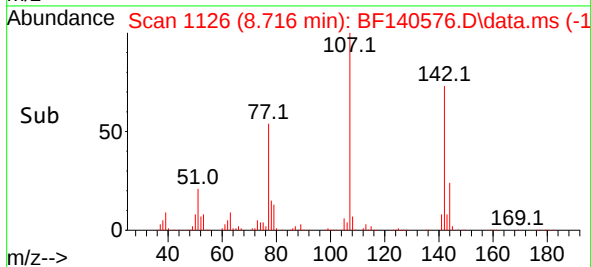
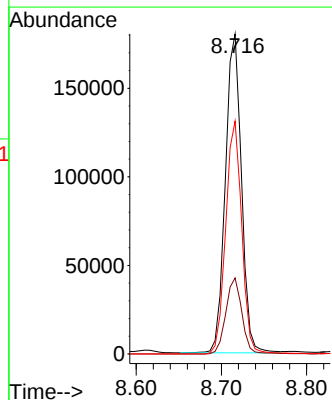
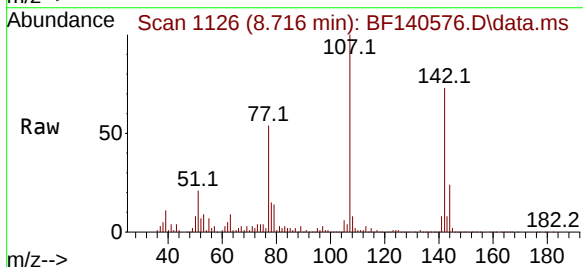
Instrument :
 BNA_F
 ClientSampleId :
 MH-732MS

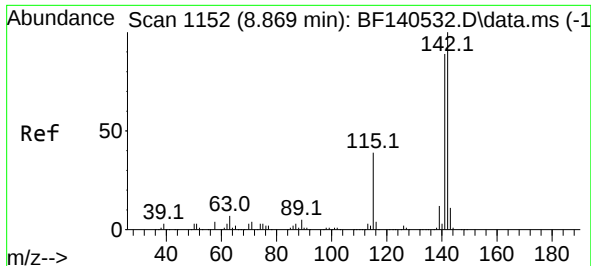
Tgt Ion:113 Resp: 48620
 Ion Ratio Lower Upper
 113 100
 55 199.7 137.7 177.7#
 56 139.7 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 48.501 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140576.D
 Acq: 22 Nov 2024 14:40

Tgt Ion:107 Resp: 236528
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.7 28.1
 142 72.8 58.3 87.5





#37

2-Methylnaphthalene

Concen: 49.526 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

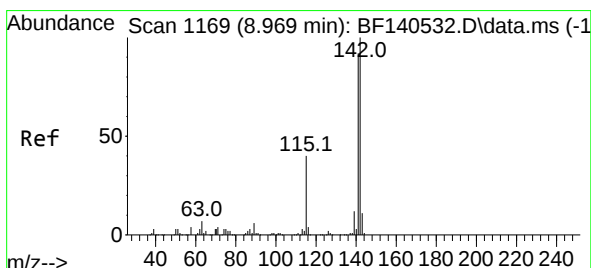
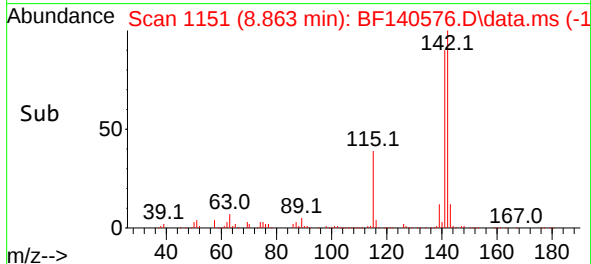
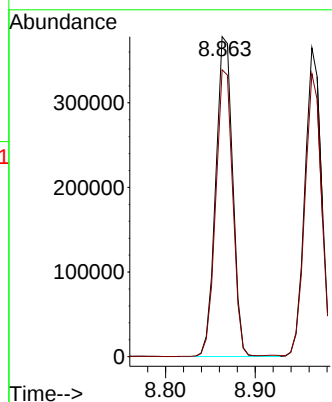
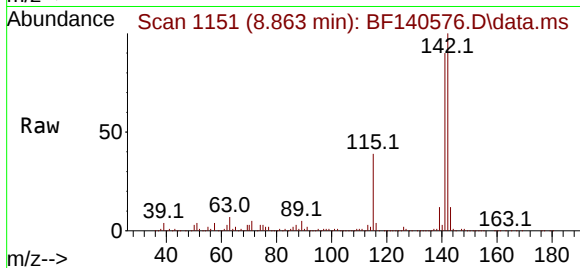
MH-732MS

Tgt Ion:142 Resp: 497142

Ion Ratio Lower Upper

142 100

141 89.7 71.0 106.6



#38

1-Methylnaphthalene

Concen: 47.337 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140576.D

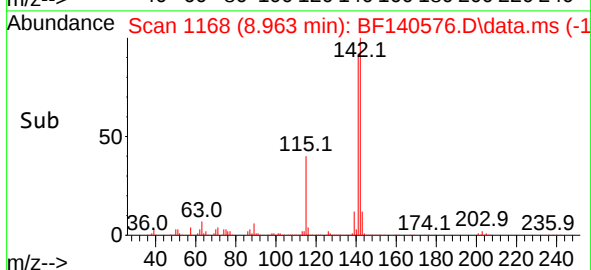
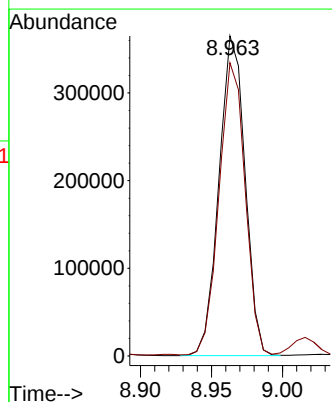
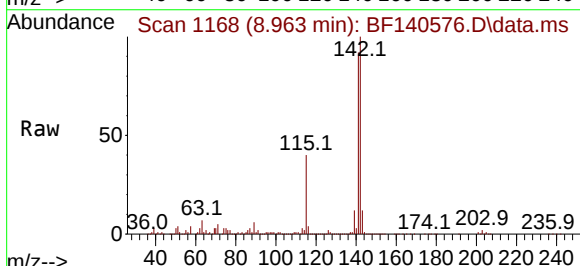
Acq: 22 Nov 2024 14:40

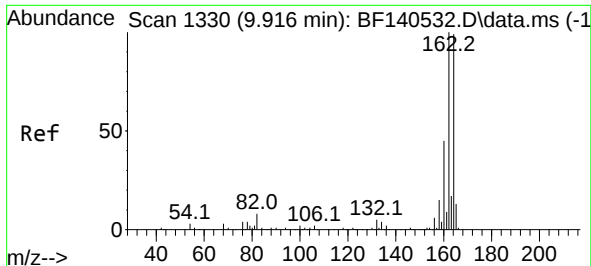
Tgt Ion:142 Resp: 465762

Ion Ratio Lower Upper

142 100

141 91.6 73.3 109.9

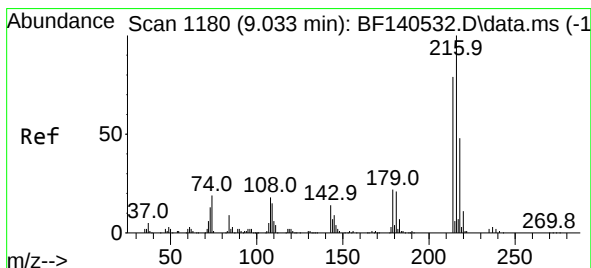
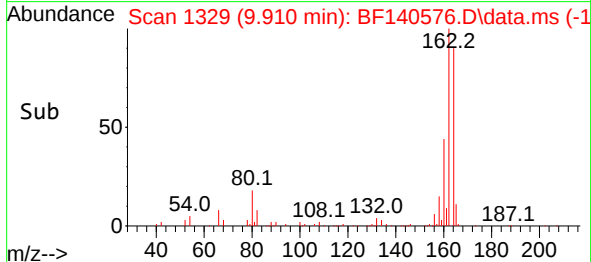
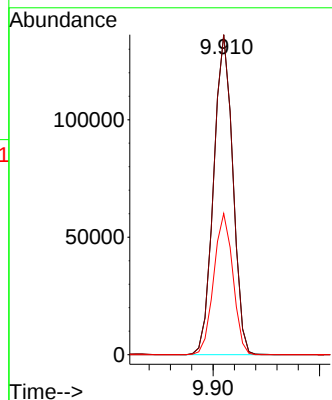
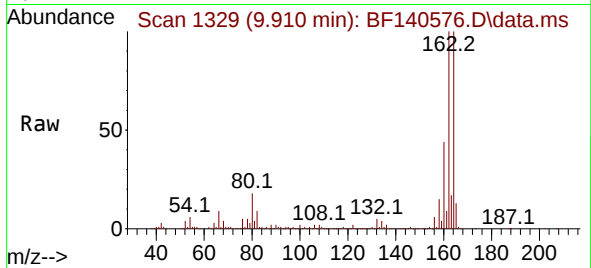




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

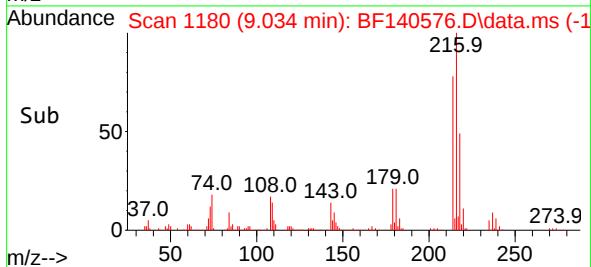
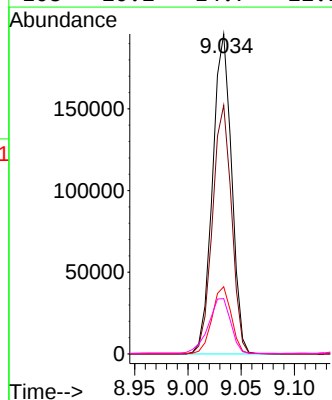
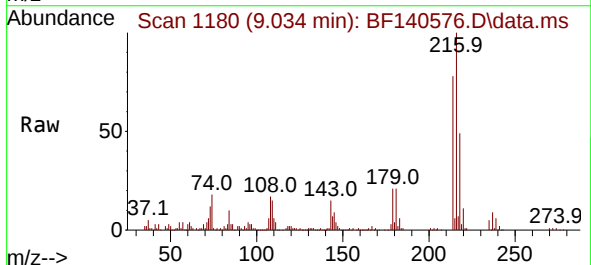
Instrument :
BNA_F
ClientSampleId :
MH-732MS

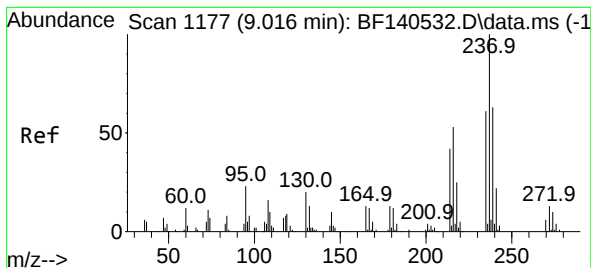
Tgt Ion:164 Resp: 169712
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 44.1 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.937 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:216 Resp: 243135
Ion Ratio Lower Upper
216 100
214 77.8 63.0 94.4
179 20.8 17.5 26.3
108 20.2 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 179.754 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

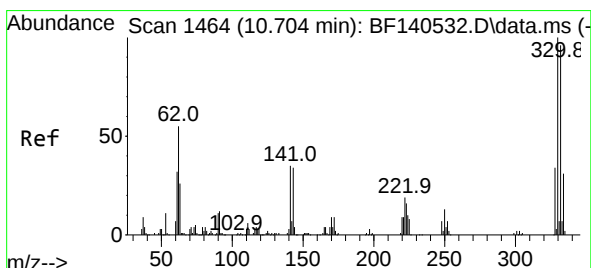
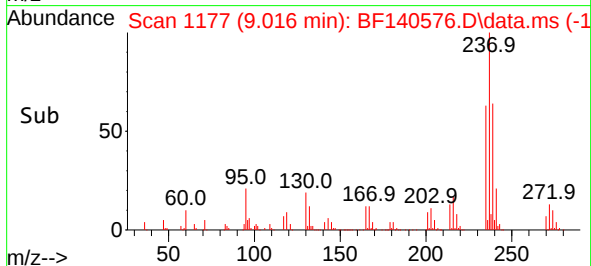
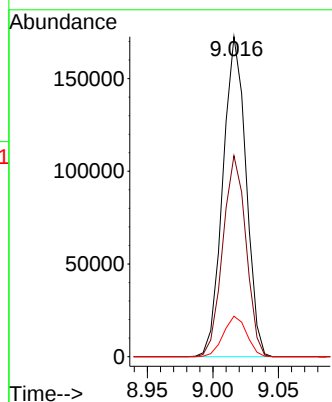
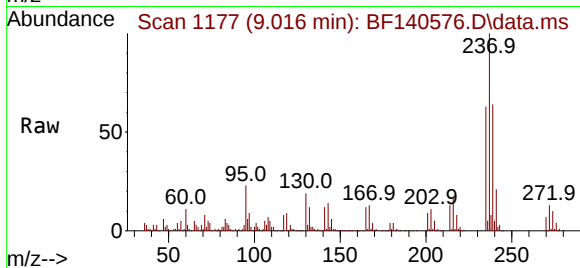
Tgt Ion:237 Resp: 211916

Ion Ratio Lower Upper

237 100

235 62.8 41.1 81.1

272 12.6 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 120.673 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

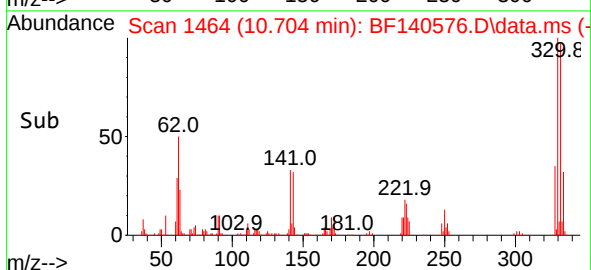
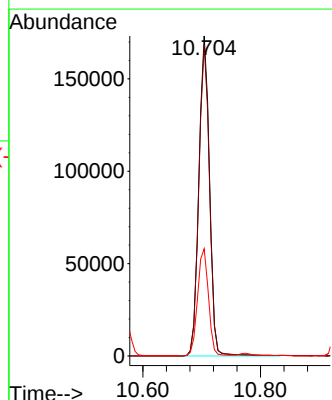
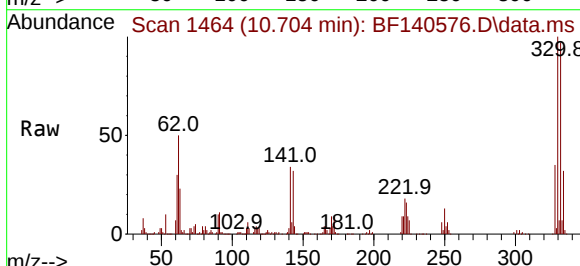
Tgt Ion:330 Resp: 219031

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

141 34.1 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 49.538 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

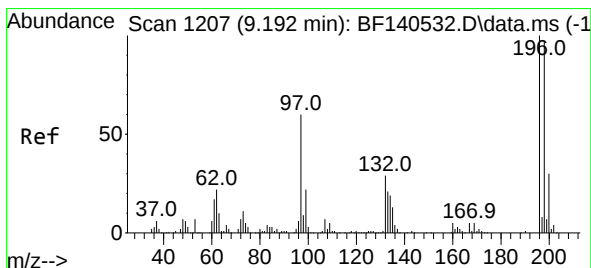
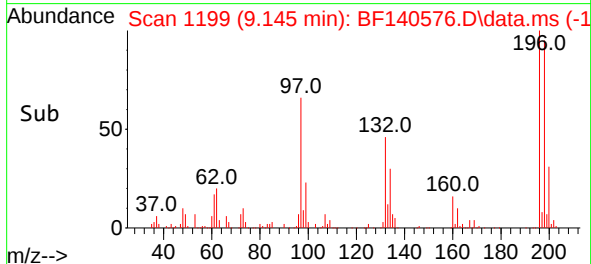
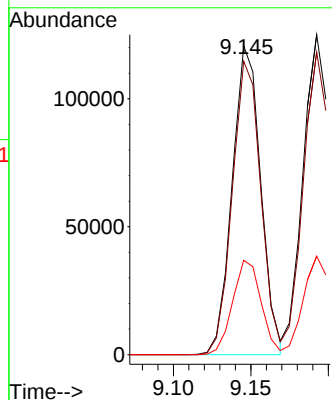
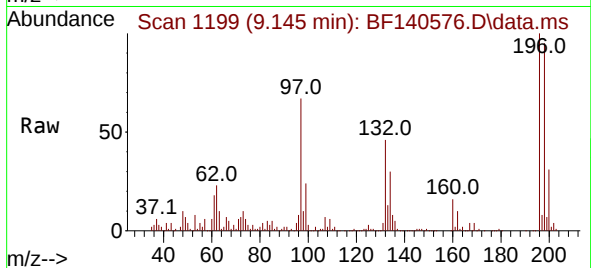
Tgt Ion:196 Resp: 154438

Ion Ratio Lower Upper

196 100

198 95.0 76.8 115.2

200 30.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 48.368 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Tgt Ion:196 Resp: 163652

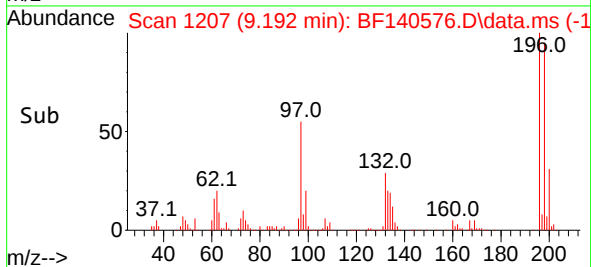
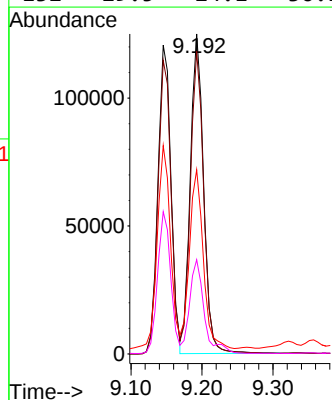
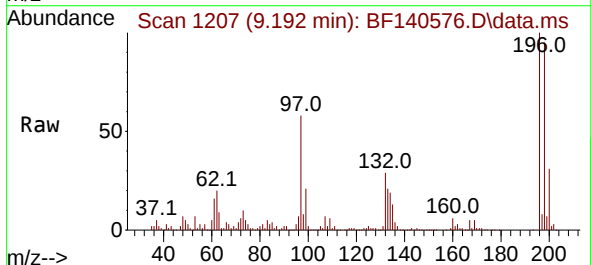
Ion Ratio Lower Upper

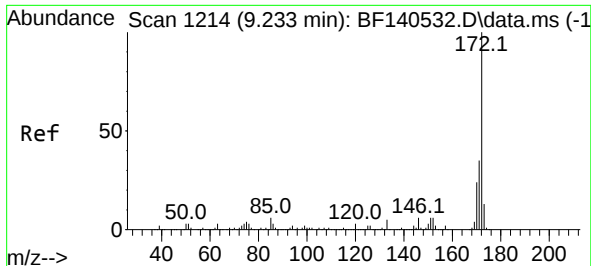
196 100

198 94.6 77.2 115.8

97 57.5 47.1 70.7

132 29.5 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 76.164 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

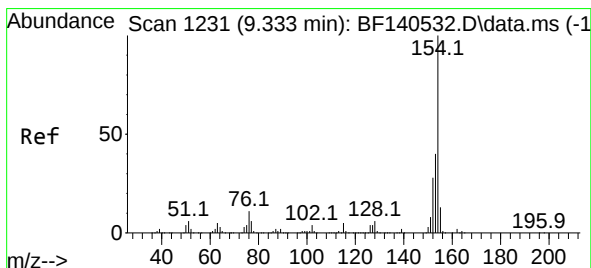
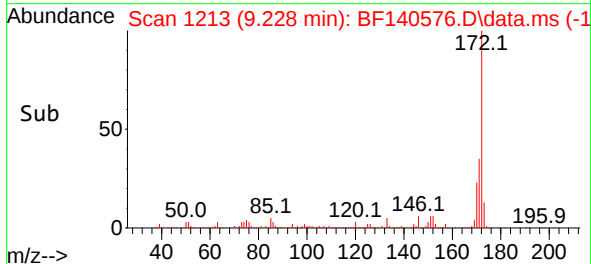
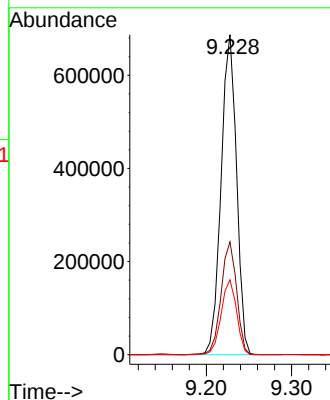
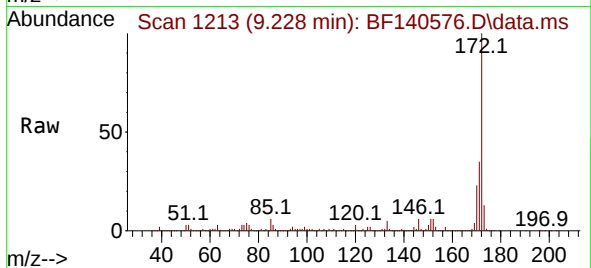
Tgt Ion:172 Resp: 867549

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 48.861 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

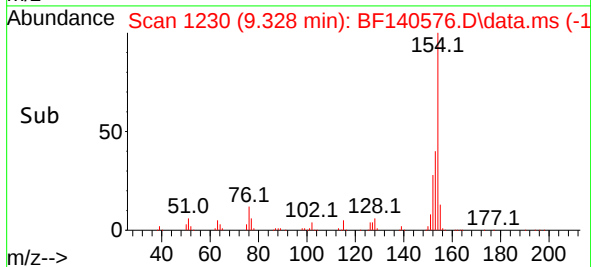
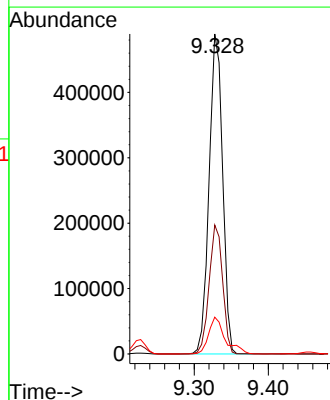
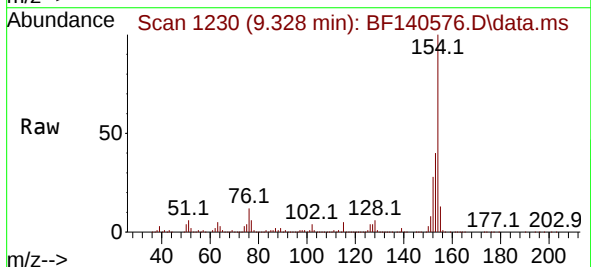
Tgt Ion:154 Resp: 619105

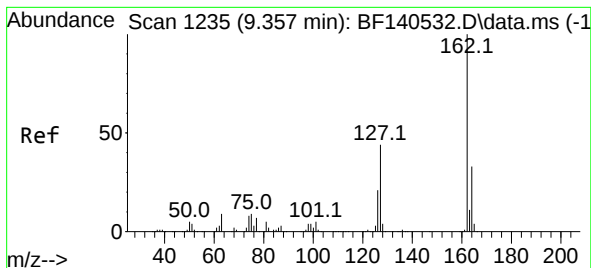
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 11.5 0.0 31.2





#47

2-Chloronaphthalene

Concen: 48.411 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

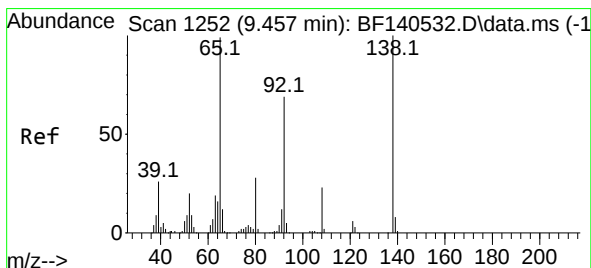
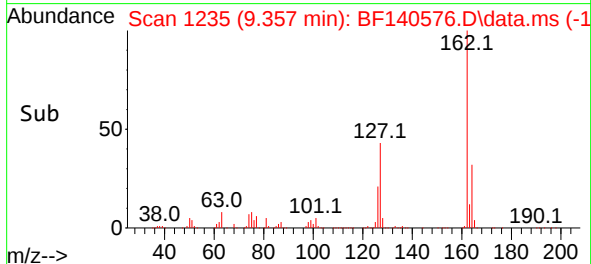
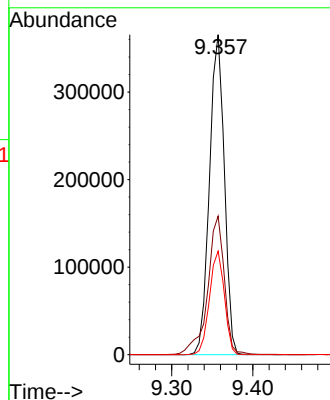
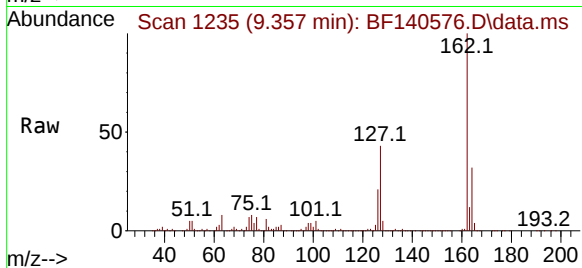
Tgt Ion:162 Resp: 464797

Ion Ratio Lower Upper

162 100

127 43.3 35.7 53.5

164 32.4 26.1 39.1



#48

2-Nitroaniline

Concen: 49.017 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

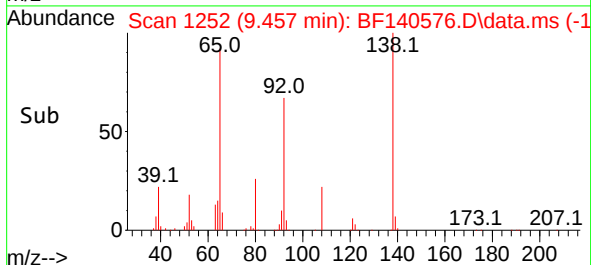
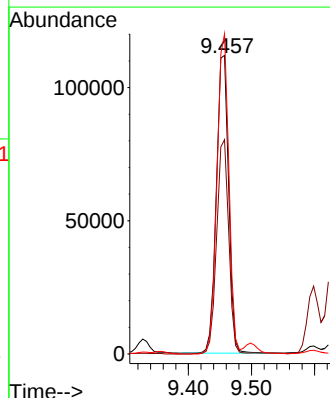
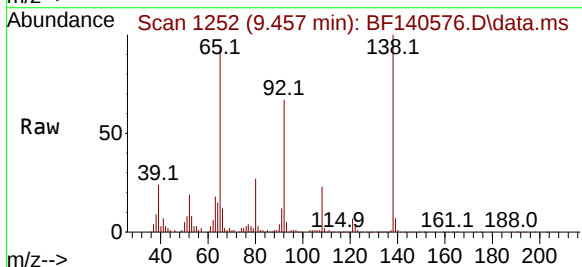
Tgt Ion: 65 Resp: 151057

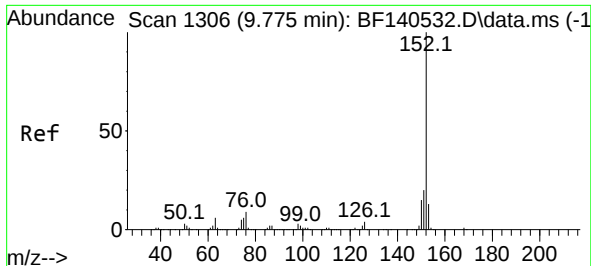
Ion Ratio Lower Upper

65 100

92 71.8 56.1 84.1

138 107.2 81.0 121.6





#49

Acenaphthylene

Concen: 52.511 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

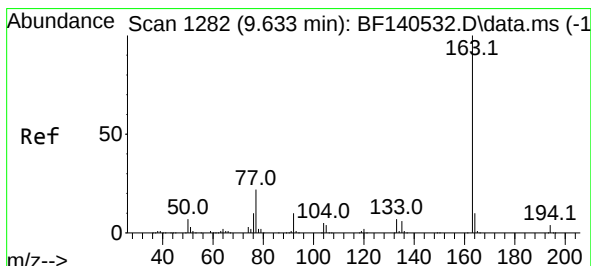
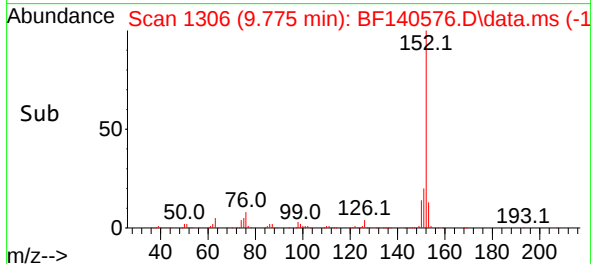
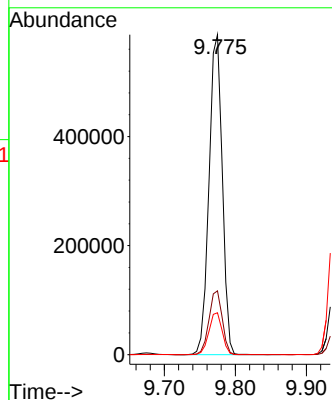
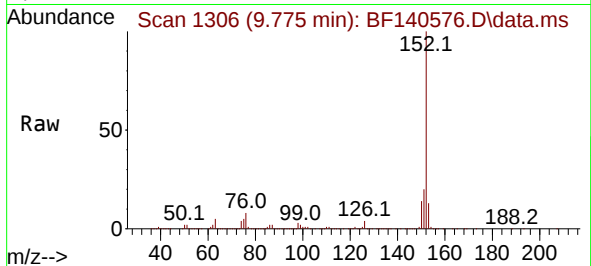
Tgt Ion:152 Resp: 761743

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 49.994 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

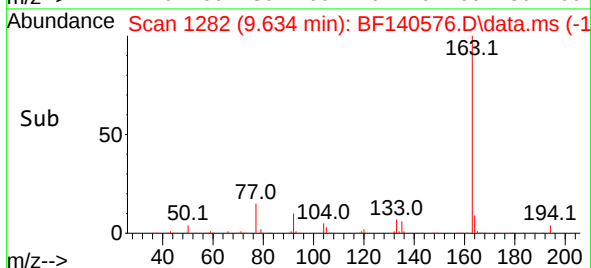
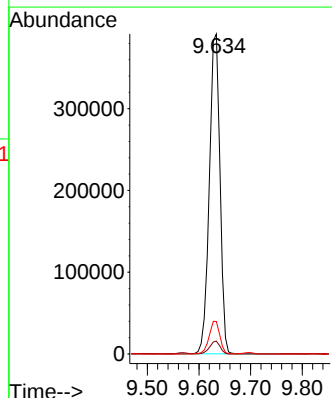
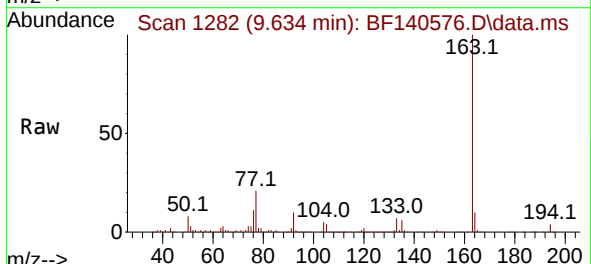
Tgt Ion:163 Resp: 558789

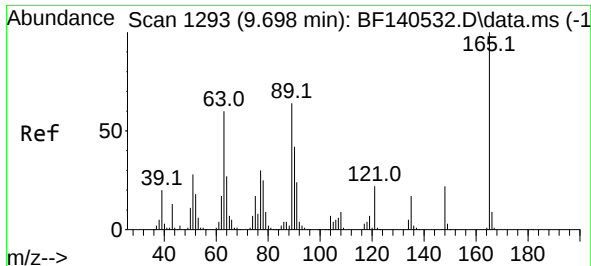
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.107 ng

RT: 9.698 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

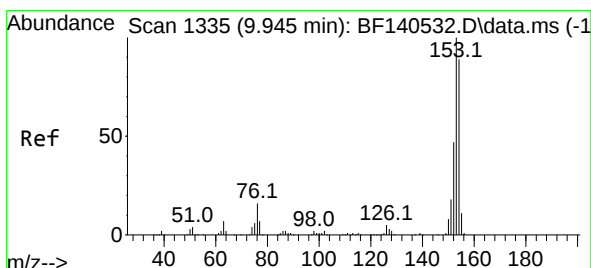
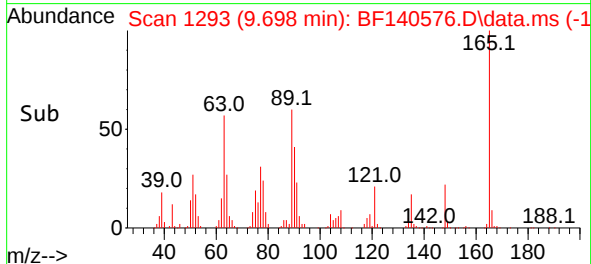
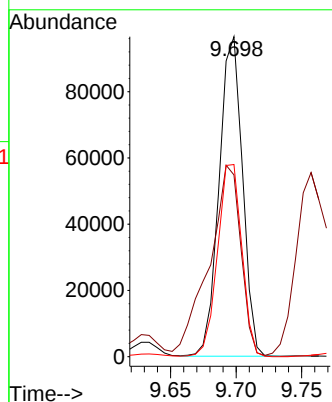
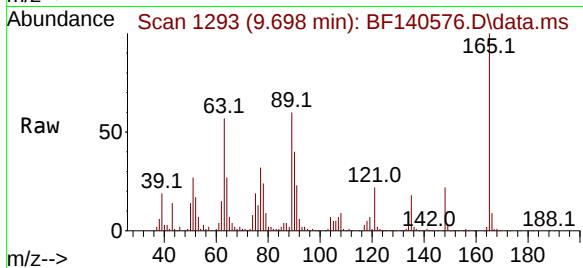
Tgt Ion:165 Resp: 119412

Ion Ratio Lower Upper

165 100

63 56.8 49.9 74.9

89 60.0 50.9 76.3



#52

Acenaphthene

Concen: 50.478 ng

RT: 9.945 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

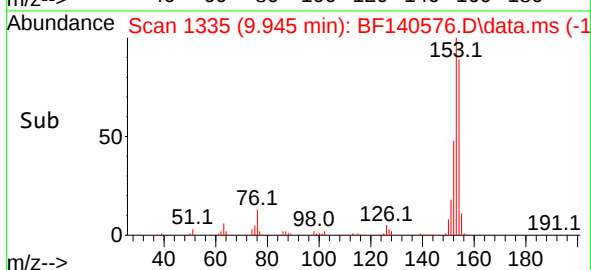
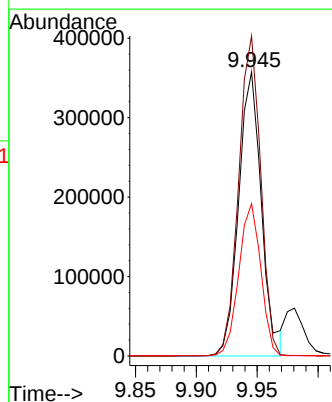
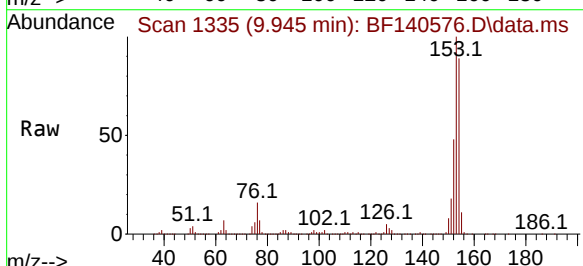
Tgt Ion:154 Resp: 465271

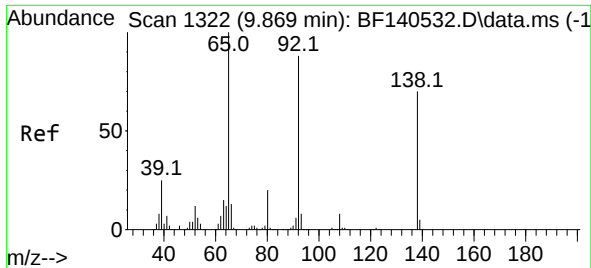
Ion Ratio Lower Upper

154 100

153 112.7 89.7 134.5

152 53.6 42.5 63.7

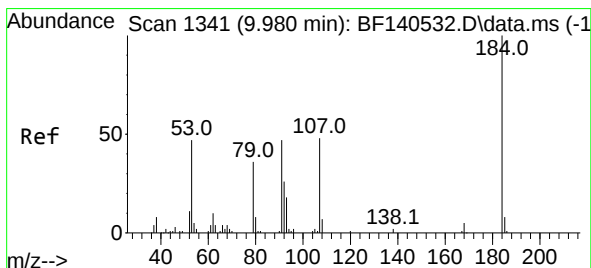
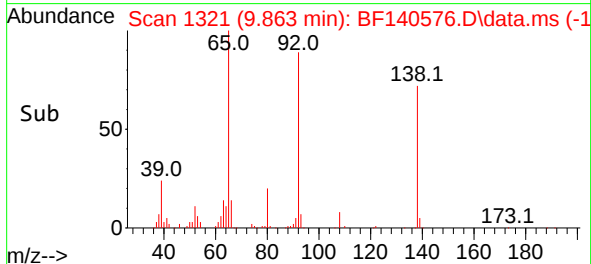
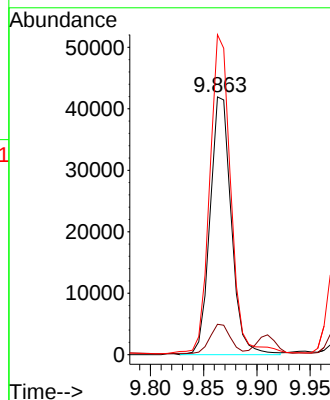
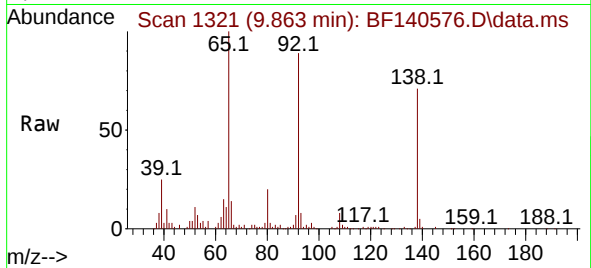




#53
3-Nitroaniline
Concen: 23.425 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

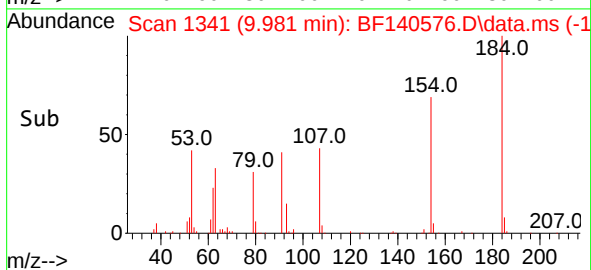
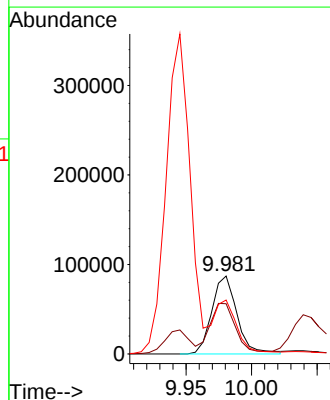
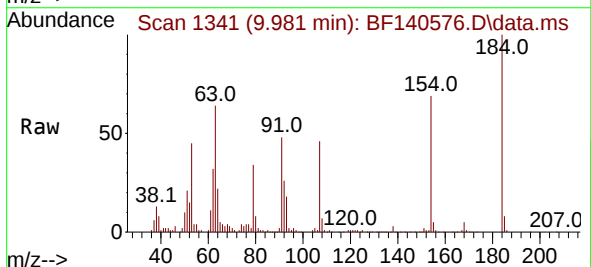
Instrument :
BNA_F
ClientSampleId :
MH-732MS

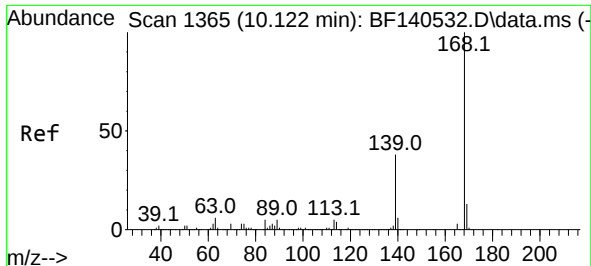
Tgt Ion:138 Resp: 58078
Ion Ratio Lower Upper
138 100
108 11.8 9.2 13.8
92 124.1 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 87.803 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:184 Resp: 116383
Ion Ratio Lower Upper
184 100
63 64.5 54.1 81.1
154 69.1 57.4 86.0

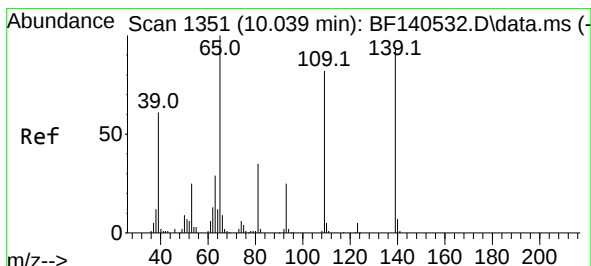
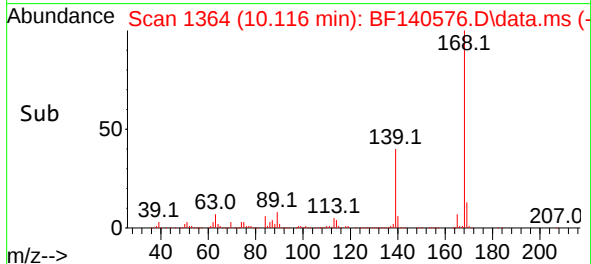
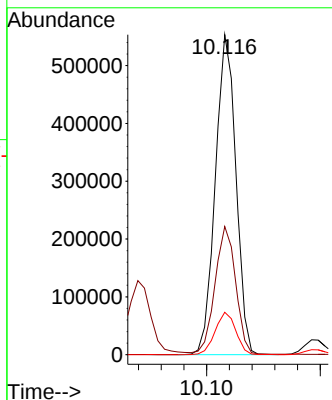
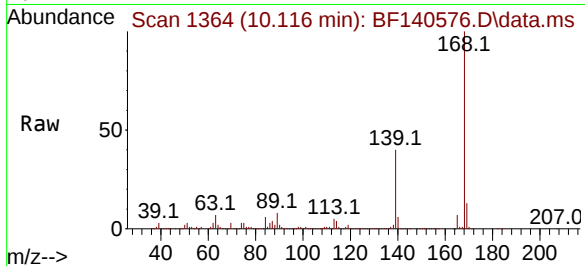




#55
Dibenzenofuran
Concen: 49.627 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

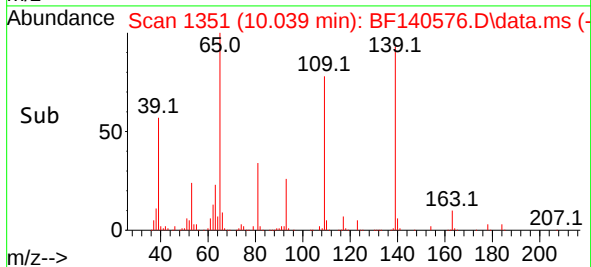
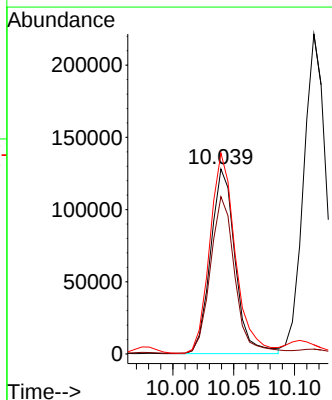
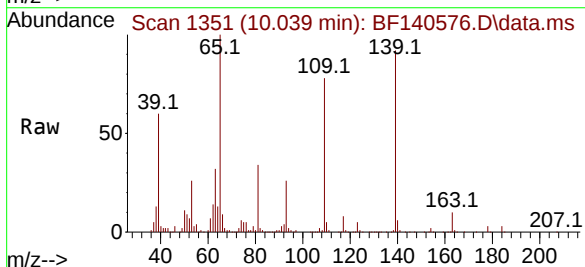
Instrument :
BNA_F
ClientSampleId :
MH-732MS

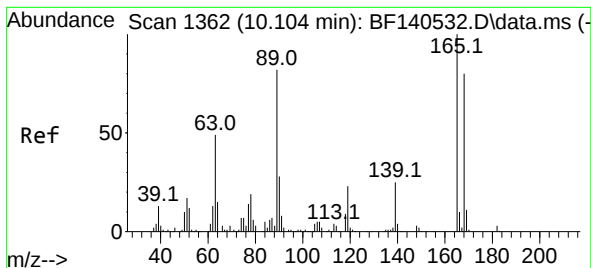
Tgt Ion:168 Resp: 697716
Ion Ratio Lower Upper
168 100
139 40.0 31.3 46.9
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 105.995 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:139 Resp: 179221
Ion Ratio Lower Upper
139 100
109 85.0 68.4 108.4
65 108.6 88.6 128.6

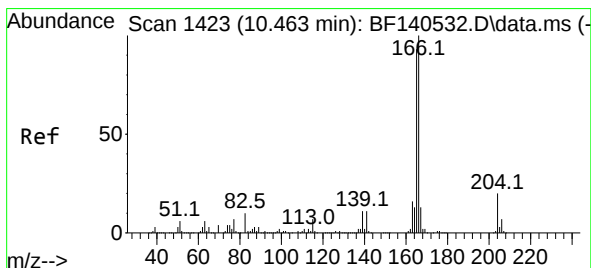
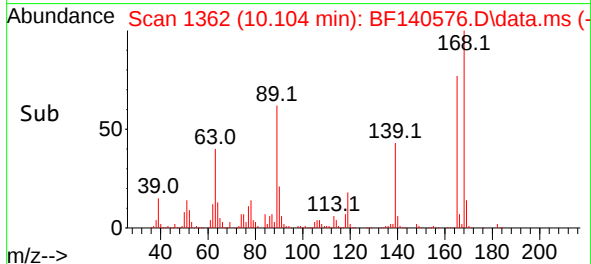
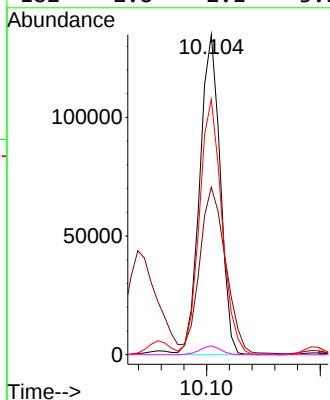
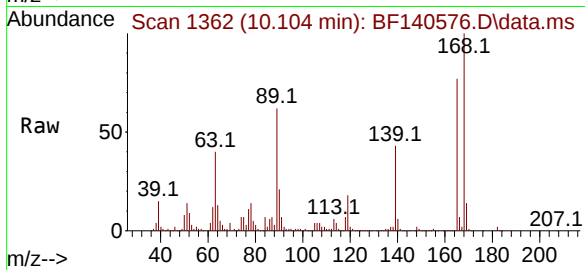




#57
2,4-Dinitrotoluene
Concen: 49.832 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

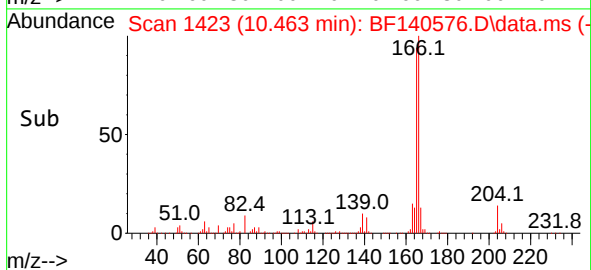
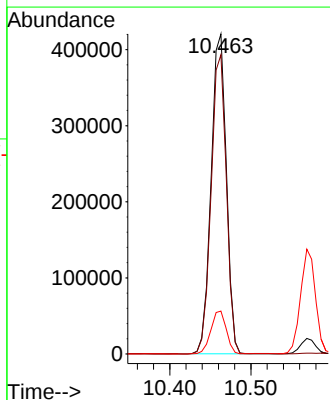
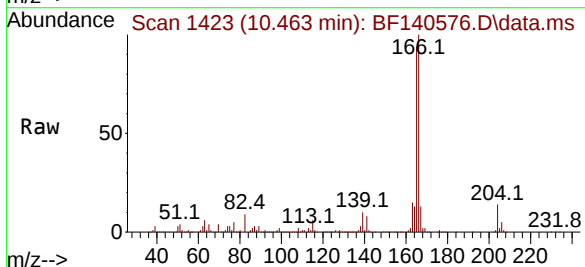
Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:165 Resp: 167884
Ion Ratio Lower Upper
165 100
63 52.3 41.7 62.5
89 79.8 65.8 98.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 48.536 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:166 Resp: 547731
Ion Ratio Lower Upper
166 100
165 93.5 74.6 111.8
167 13.4 10.6 16.0

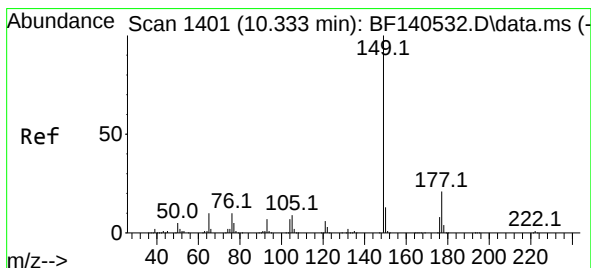
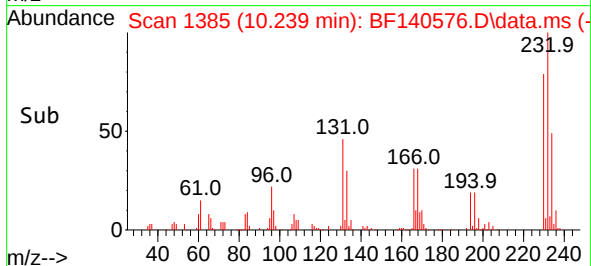
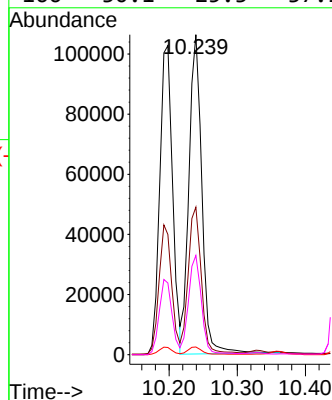
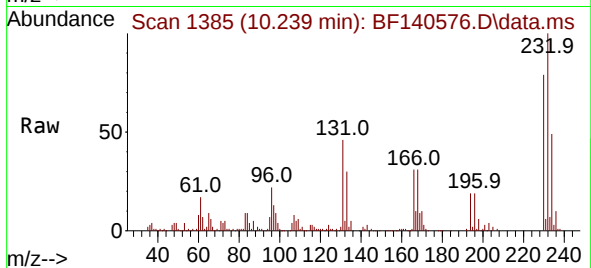




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.481 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

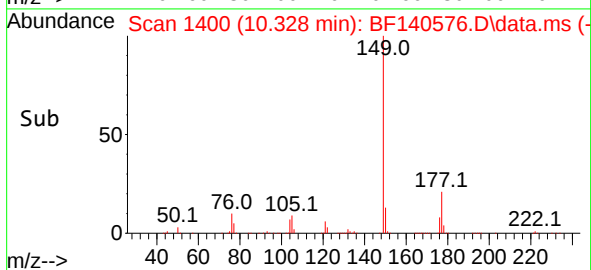
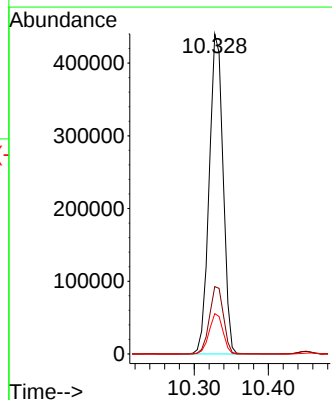
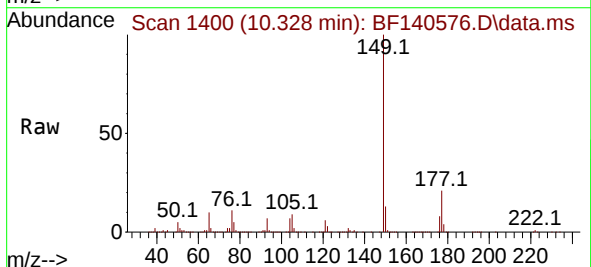
Instrument :
BNA_F
ClientSampleId :
MH-732MS

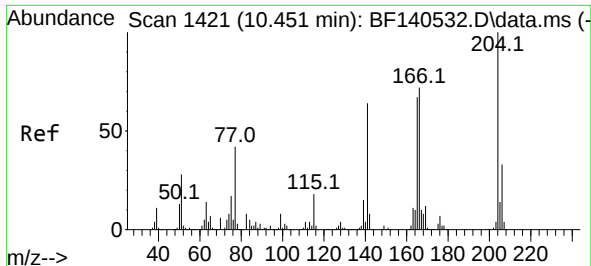
Tgt Ion:232 Resp: 139067
Ion Ratio Lower Upper
232 100
131 45.5 39.6 59.4
130 2.9 1.9 2.9#
166 30.1 25.3 37.9



#60
Diethylphthalate
Concen: 50.309 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:149 Resp: 571314
Ion Ratio Lower Upper
149 100
177 21.0 17.1 25.7
150 12.6 10.1 15.1

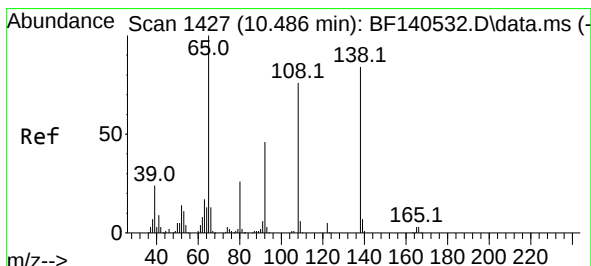
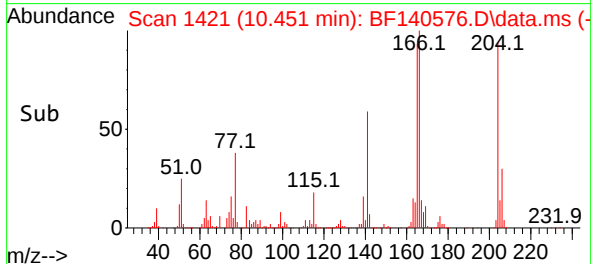
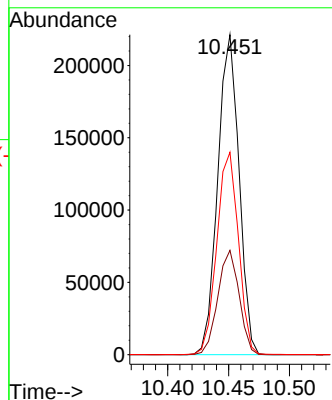
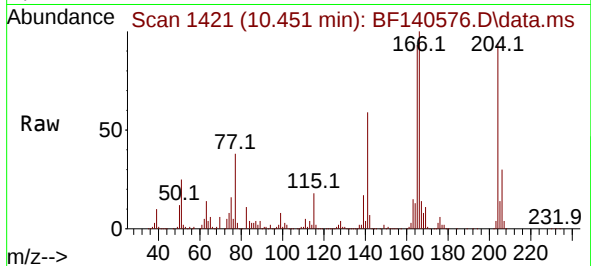




#61
4-Chlorophenyl-phenylether
Concen: 48.642 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

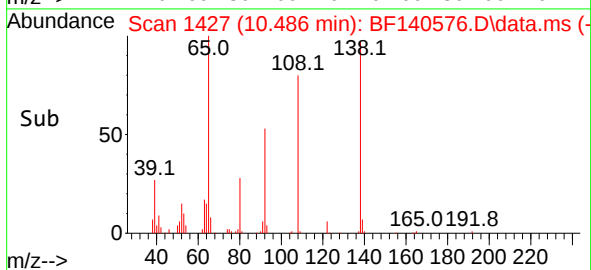
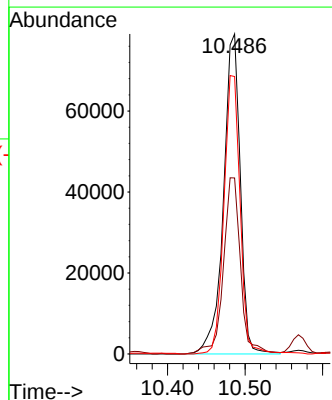
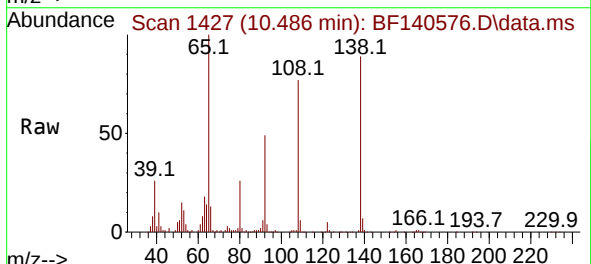
Instrument :
BNA_F
ClientSampleId :
MH-732MS

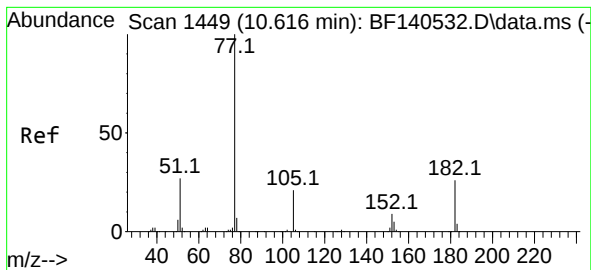
Tgt Ion:204 Resp: 269386
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 63.3 51.1 76.7



#62
4-Nitroaniline
Concen: 45.887 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:138 Resp: 119320
Ion Ratio Lower Upper
138 100
92 55.0 34.5 74.5
108 86.7 70.6 110.6





#63

Azobenzene

Concen: 53.373 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

Tgt Ion: 77 Resp: 573985

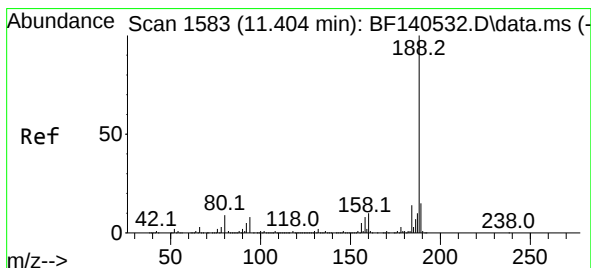
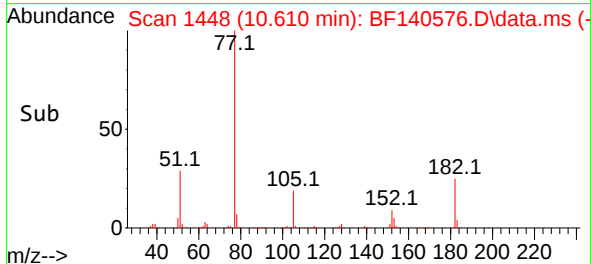
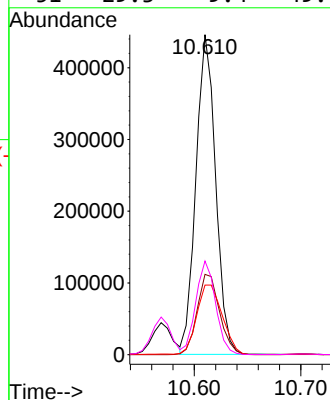
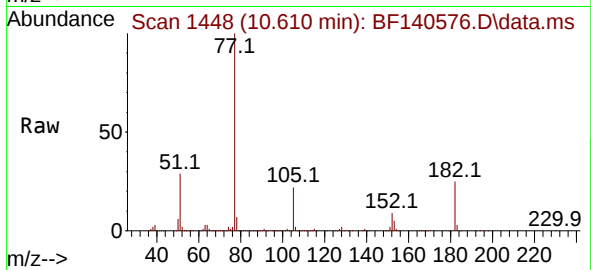
Ion Ratio Lower Upper

77 100

182 25.1 5.3 45.3

105 21.8 0.3 40.3

51 29.3 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: BF140576.D

Acq: 22 Nov 2024 14:40

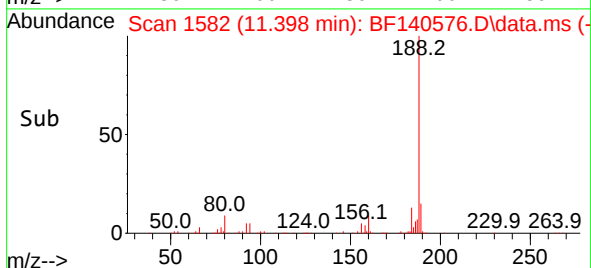
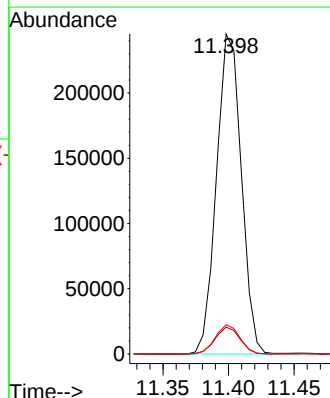
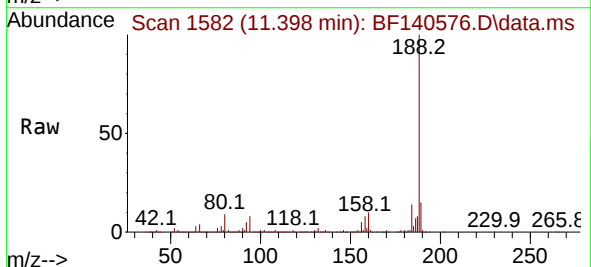
Tgt Ion: 188 Resp: 323089

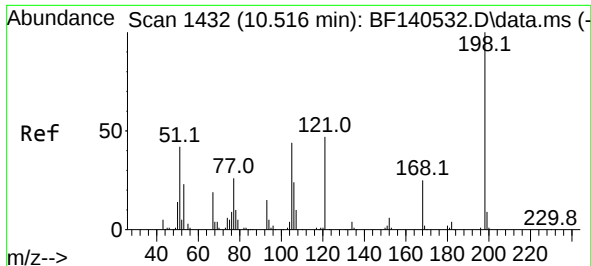
Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.2 6.9 10.3

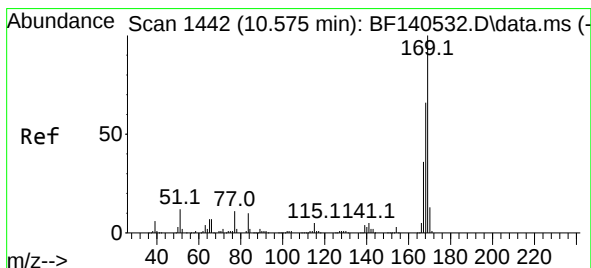
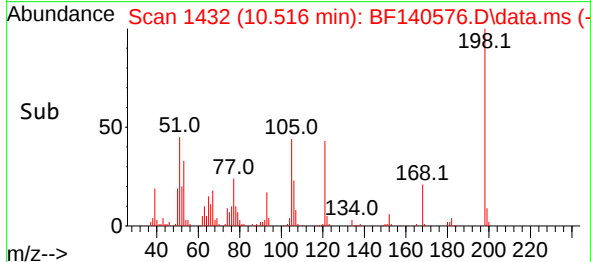
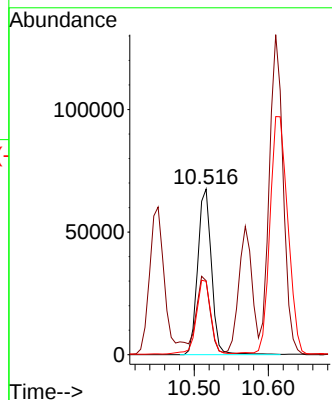
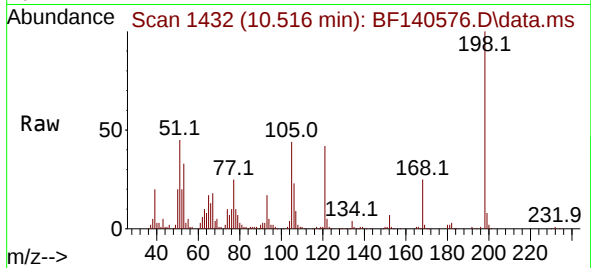




#65
4,6-Dinitro-2-methylphenol
Concen: 52.712 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

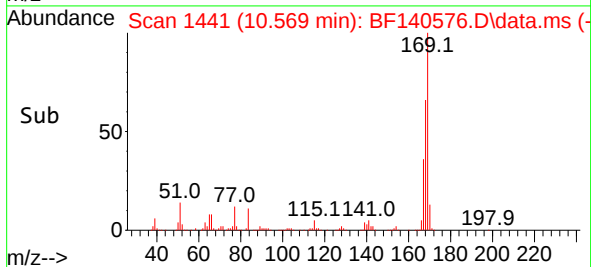
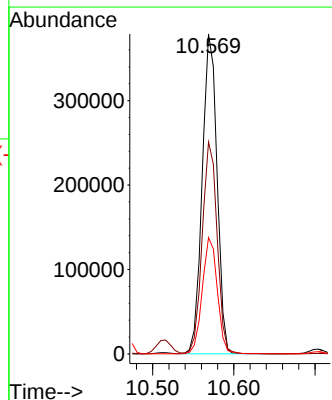
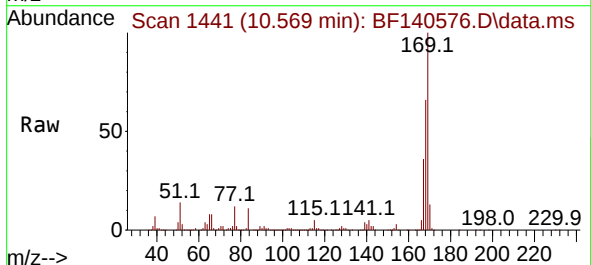
Instrument :
BNA_F
ClientSampleId :
MH-732MS

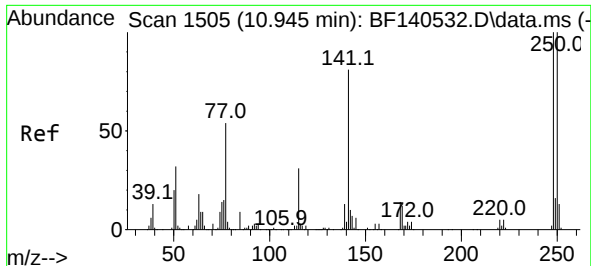
Tgt Ion:198 Resp: 87028
Ion Ratio Lower Upper
198 100
51 44.7 29.4 69.4
105 44.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 50.174 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:169 Resp: 479390
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.3 29.0 43.6

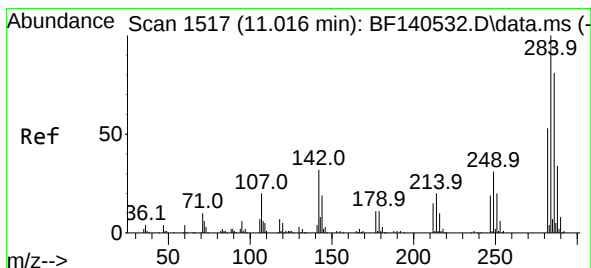
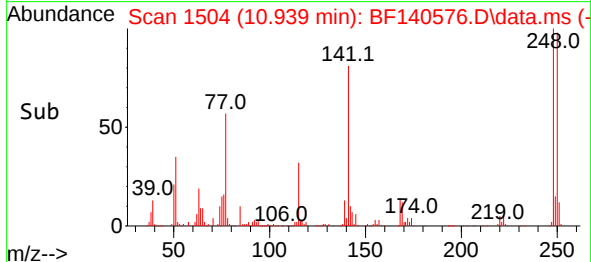
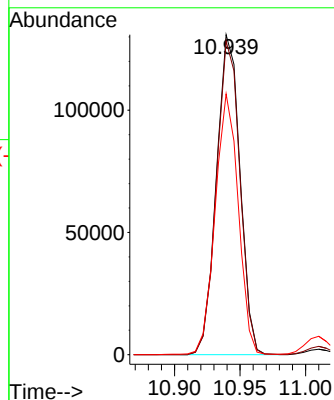
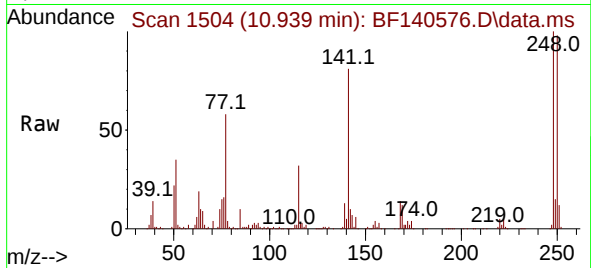




#67
4-Bromophenyl-phenylether
Concen: 49.183 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

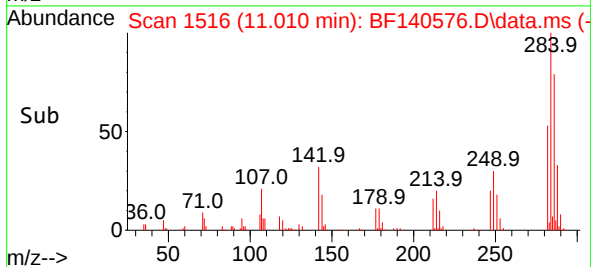
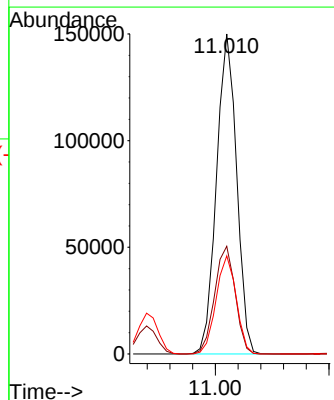
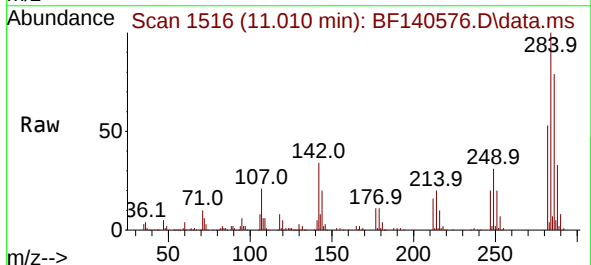
Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:248 Resp: 163647
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.8
141 81.5 64.7 97.1



#68
Hexachlorobenzene
Concen: 47.888 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:284 Resp: 184498
Ion Ratio Lower Upper
284 100
142 33.6 25.3 37.9
249 30.6 24.8 37.2





#69

Atrazine

Concen: 59.924 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

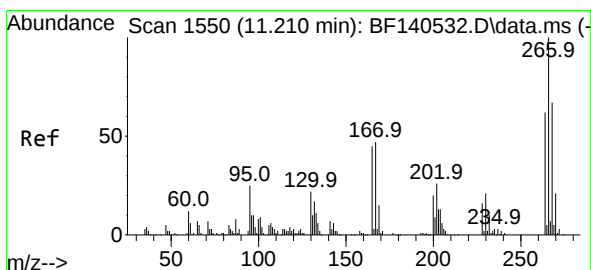
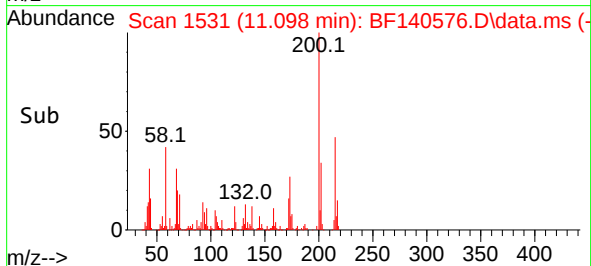
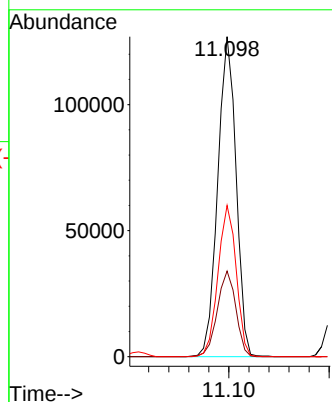
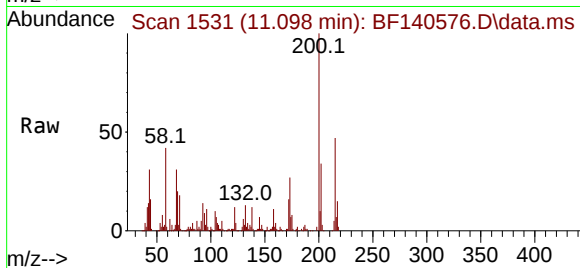
Tgt Ion:200 Resp: 161070

Ion Ratio Lower Upper

200 100

173 26.7 7.0 47.0

215 47.3 26.7 66.7



#70

Pentachlorophenol

Concen: 113.131 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

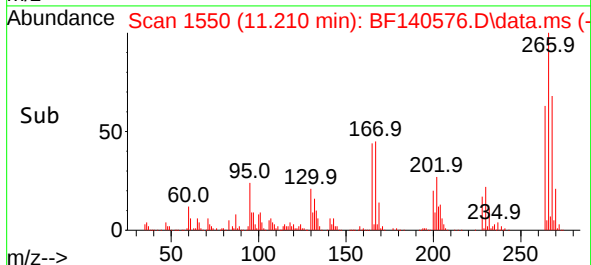
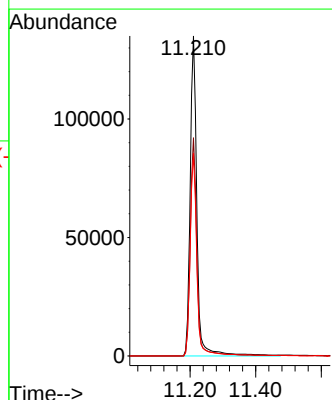
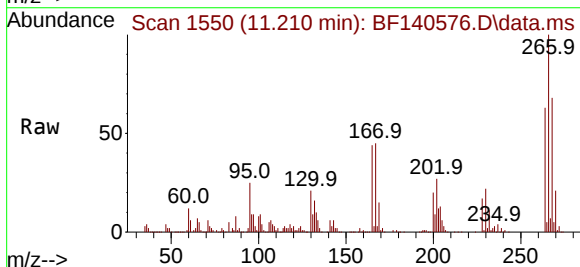
Tgt Ion:266 Resp: 191833

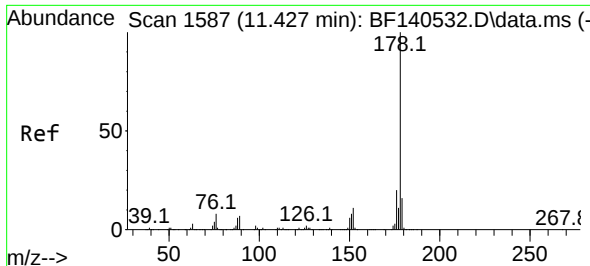
Ion Ratio Lower Upper

266 100

268 68.2 53.7 80.5

264 63.3 49.8 74.8

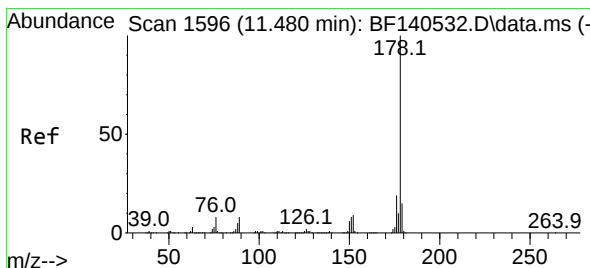
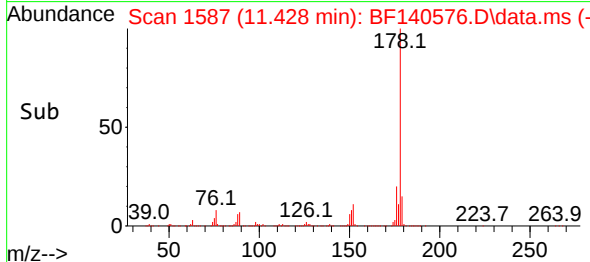
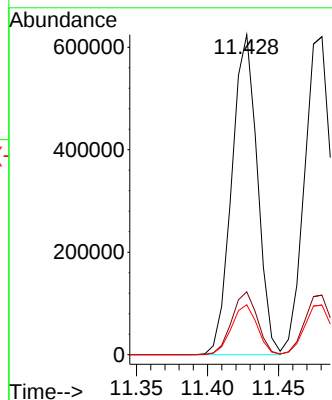
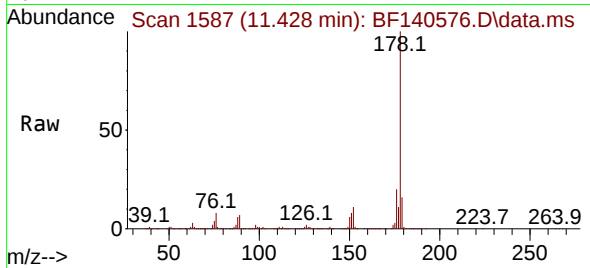




#71
Phenanthrene
Concen: 50.408 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

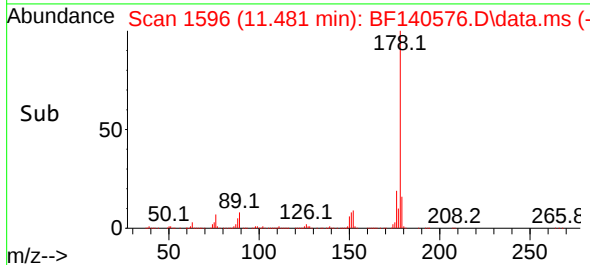
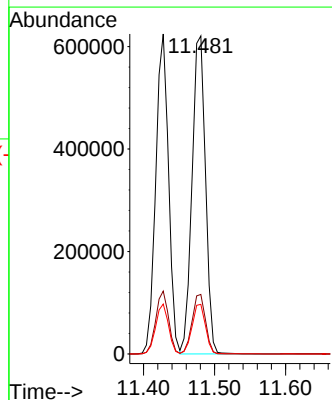
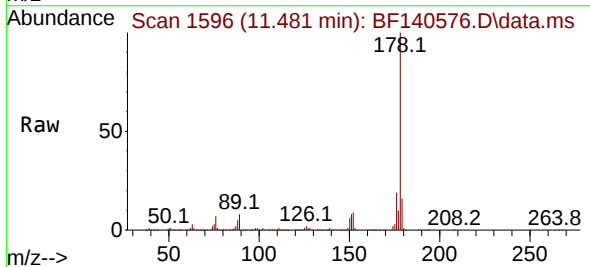
Instrument :
BNA_F
ClientSampleId :
MH-732MS

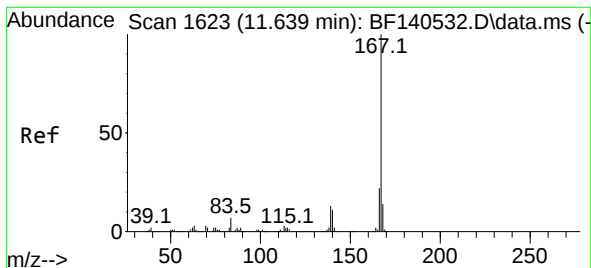
Tgt Ion:178 Resp: 782871
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.6 12.4 18.6



#72
Anthracene
Concen: 53.672 ng
RT: 11.481 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:178 Resp: 815370
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.2 18.4





#73

Carbazole

Concen: 51.383 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

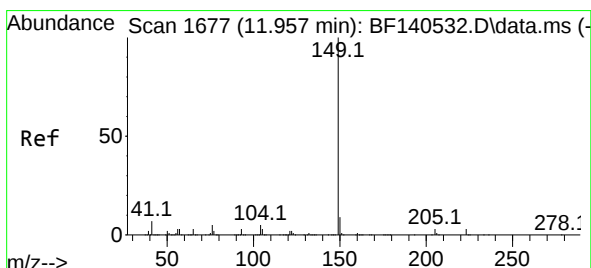
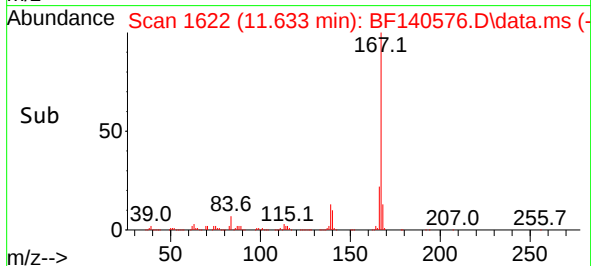
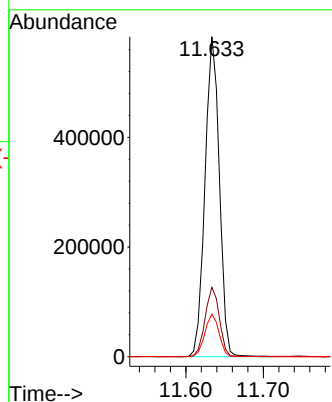
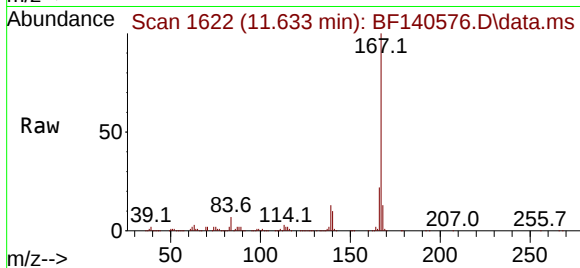
Tgt Ion:167 Resp: 750943

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.3 10.6 15.8



#74

Di-n-butylphthalate

Concen: 52.600 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

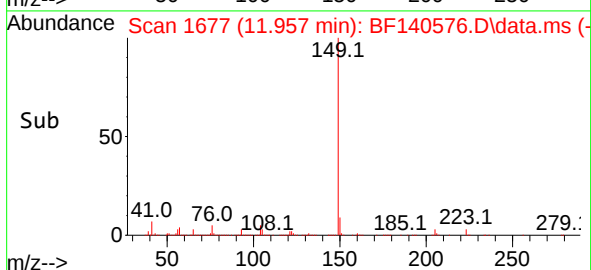
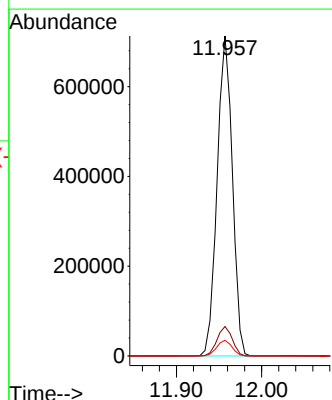
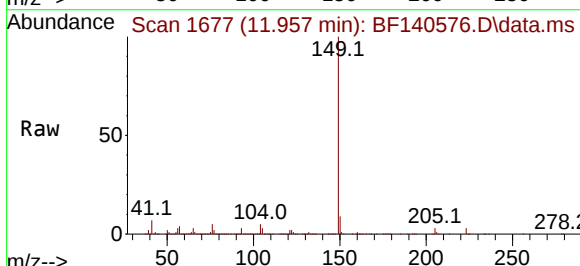
Tgt Ion:149 Resp: 887501

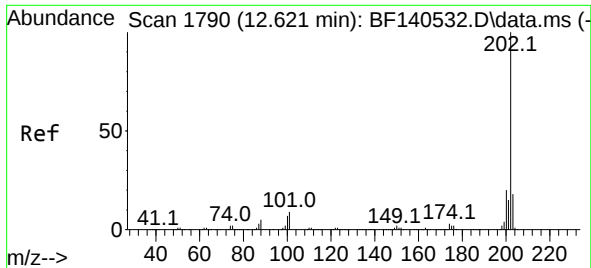
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.9 4.1 6.1

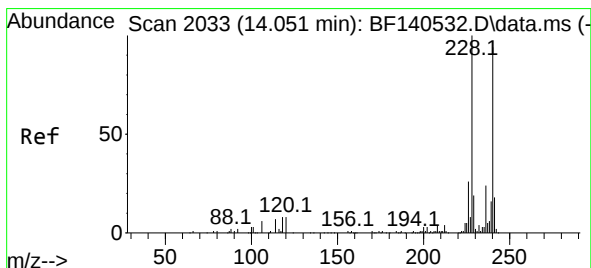
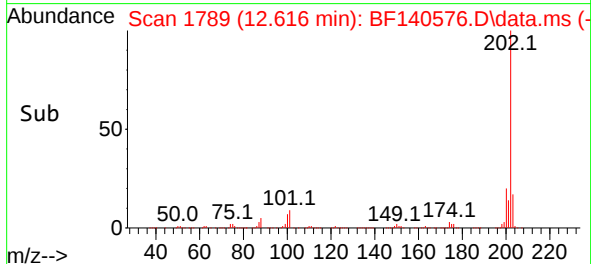
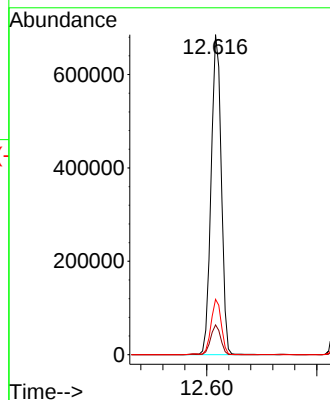
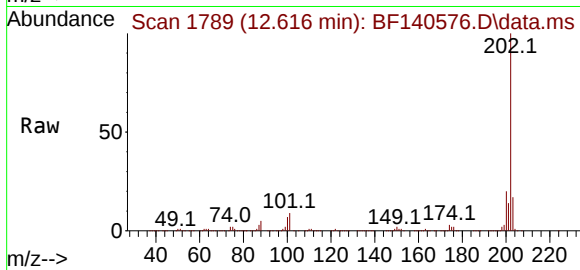




#75
Fluoranthene
Concen: 52.165 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

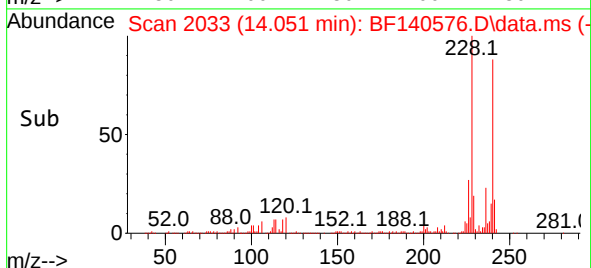
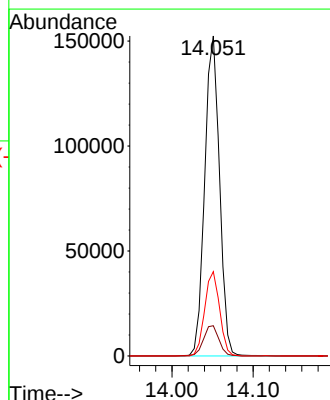
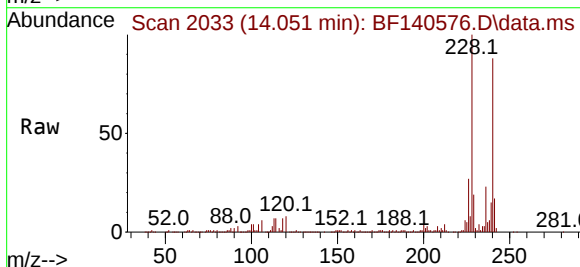
Instrument :
BNA_F
ClientSampleId :
MH-732MS

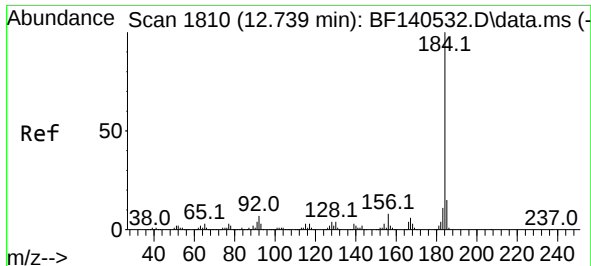
Tgt Ion:202 Resp: 879609
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:240 Resp: 192467
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 26.3 20.6 31.0

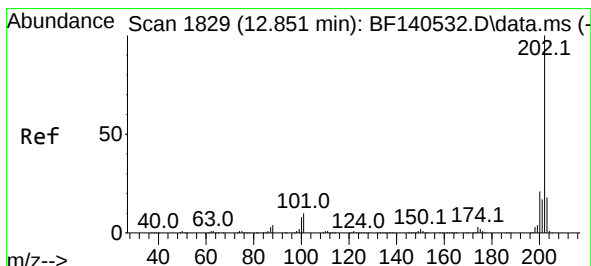
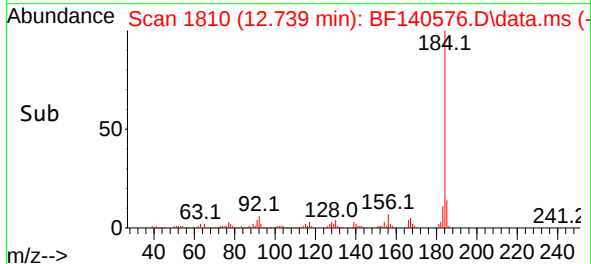
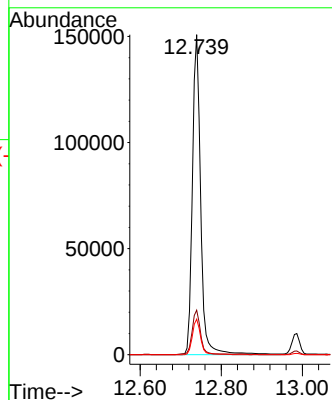
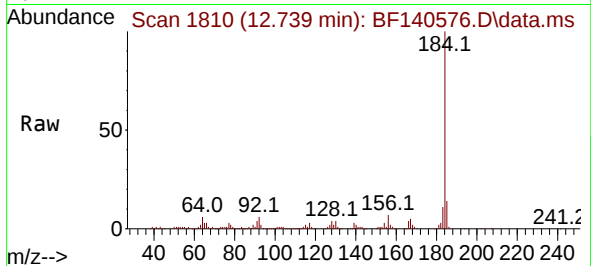




#77
Benzidine
Concen: 38.166 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

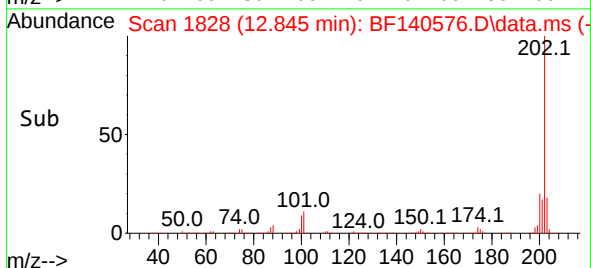
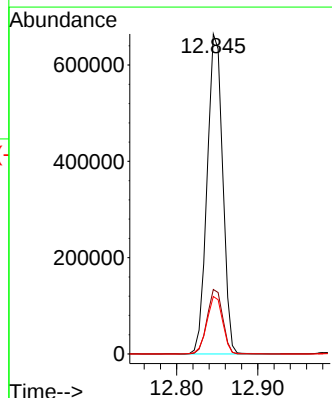
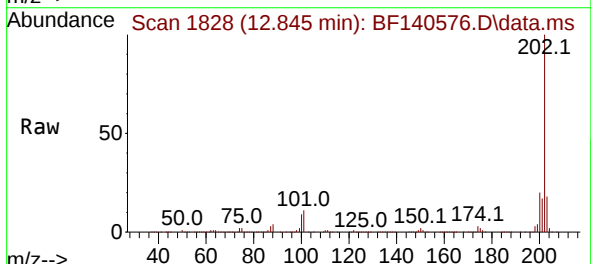
Instrument :
BNA_F
ClientSampleId :
MH-732MS

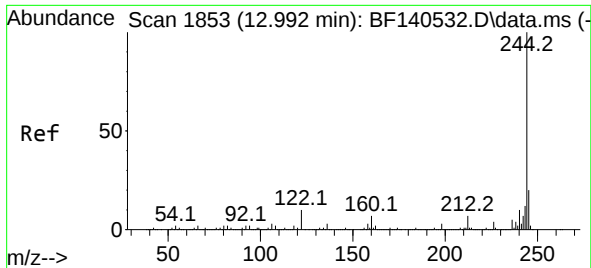
Tgt Ion:184 Resp: 213574
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 11.1 8.8 13.2



#78
Pyrene
Concen: 49.446 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:202 Resp: 879936
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 18.0 14.2 21.4

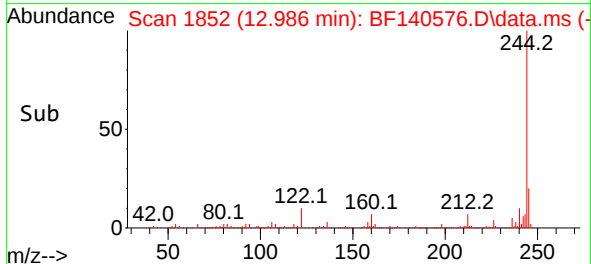
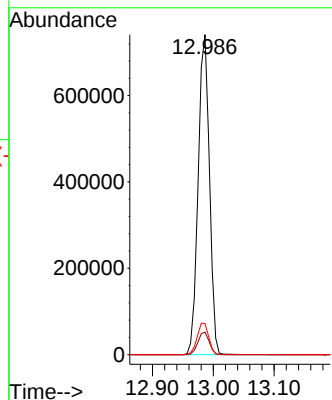
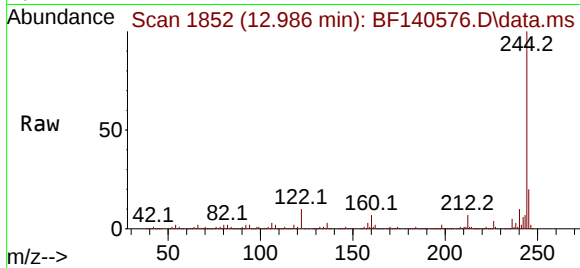




#79
 Terphenyl-d14
 Concen: 76.982 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140576.D
 Acq: 22 Nov 2024 14:40

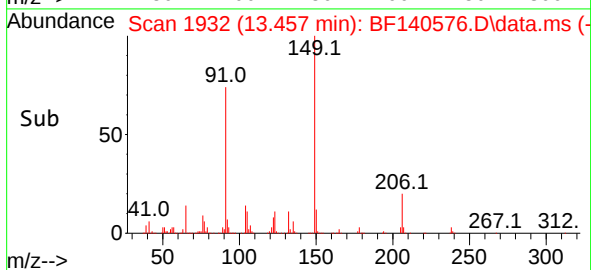
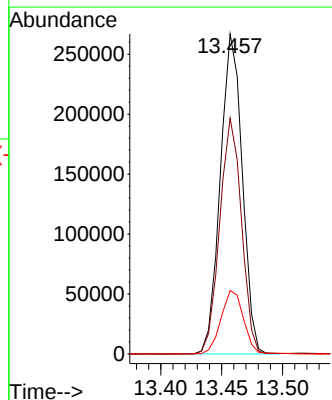
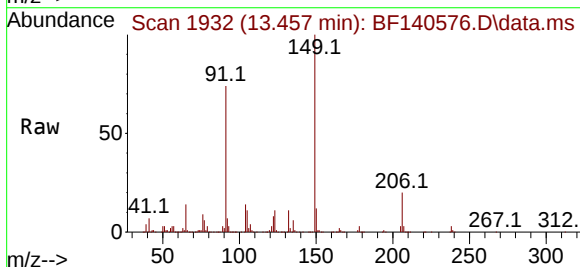
Instrument :
 BNA_F
 ClientSampleId :
 MH-732MS

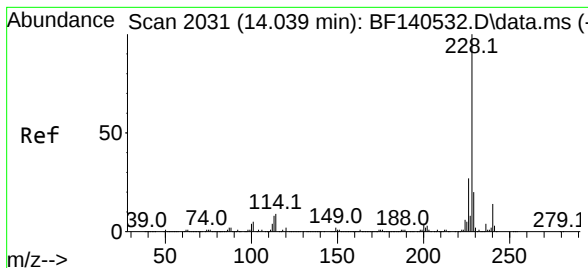
Tgt Ion:244 Resp: 951528
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.7 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 52.335 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140576.D
 Acq: 22 Nov 2024 14:40

Tgt Ion:149 Resp: 335508
 Ion Ratio Lower Upper
 149 100
 91 73.6 56.2 84.2
 206 19.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 51.828 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

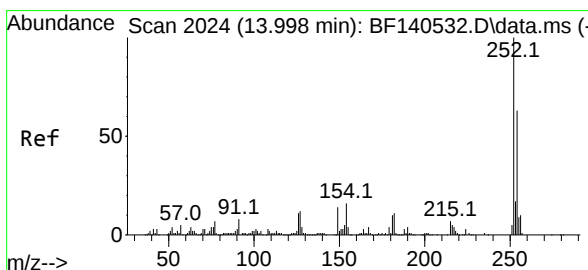
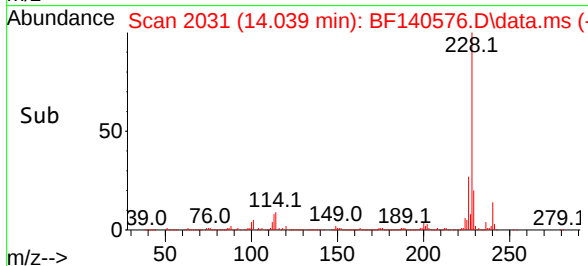
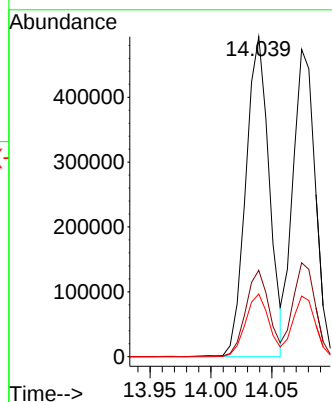
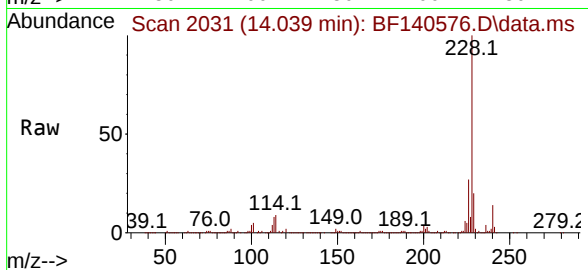
Tgt Ion:228 Resp: 660322

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 32.797 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

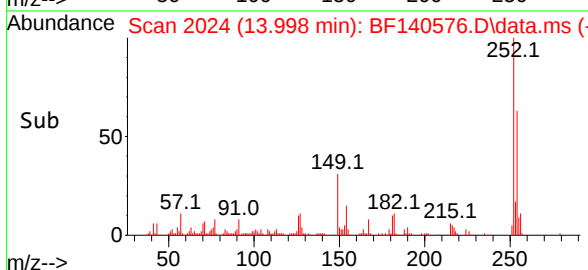
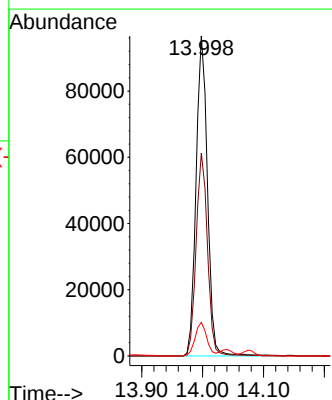
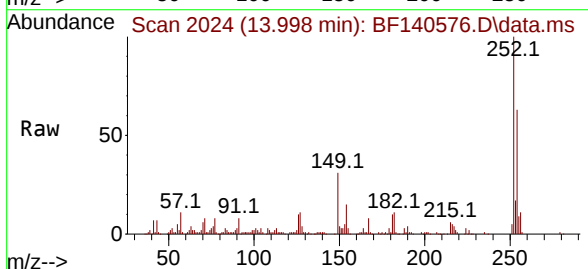
Tgt Ion:252 Resp: 125454

Ion Ratio Lower Upper

252 100

254 63.4 50.8 76.2

126 10.5 8.6 13.0





#83

Chrysene

Concen: 52.178 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

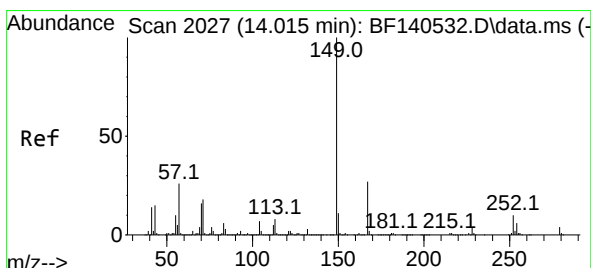
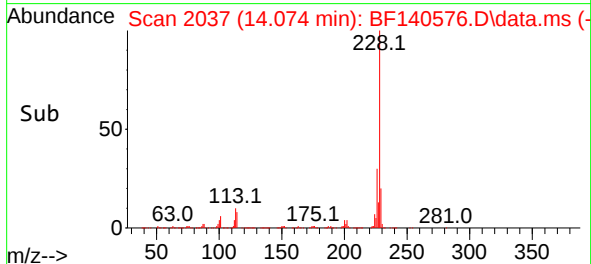
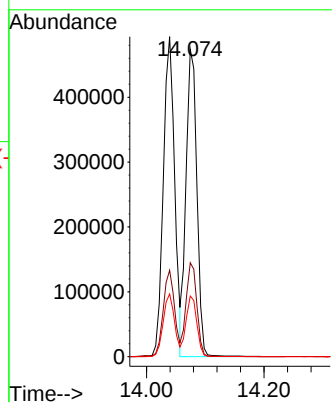
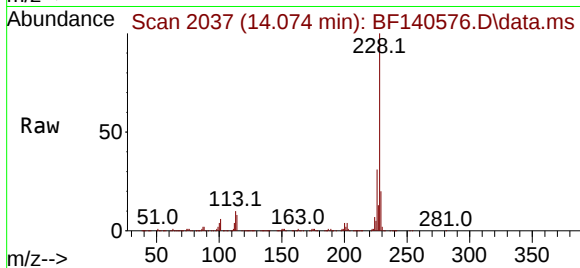
Tgt Ion:228 Resp: 607860

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.556 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

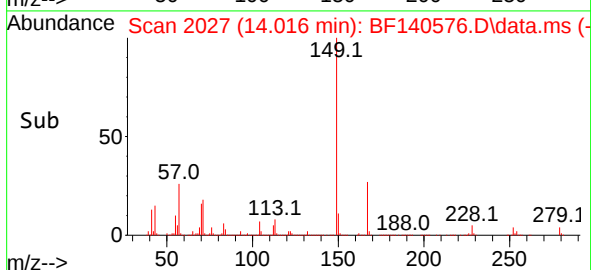
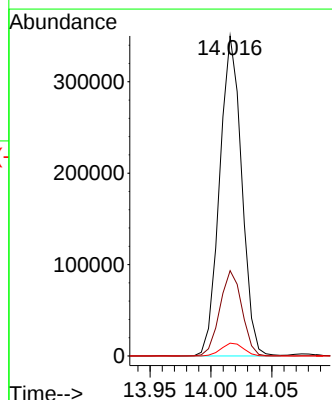
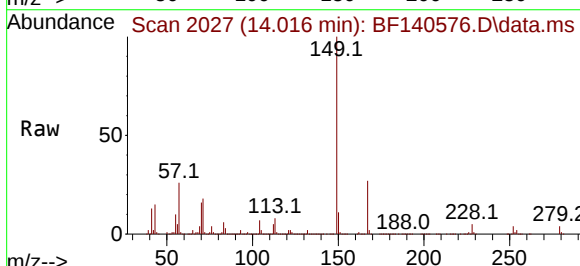
Tgt Ion:149 Resp: 441633

Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 59.269 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

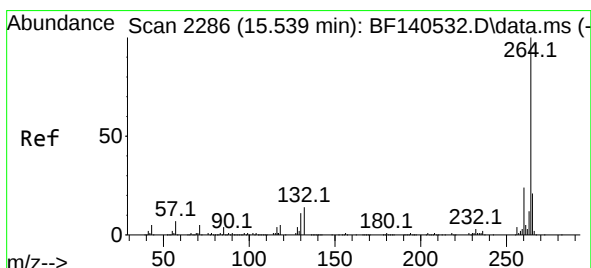
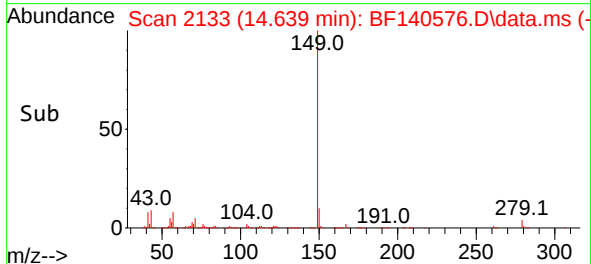
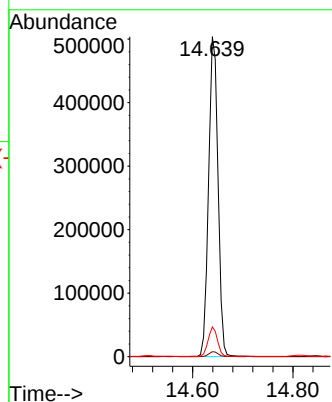
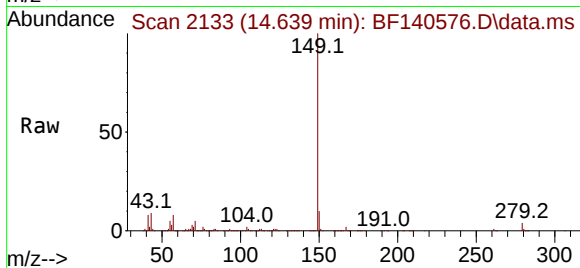
Tgt Ion:149 Resp: 655682

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

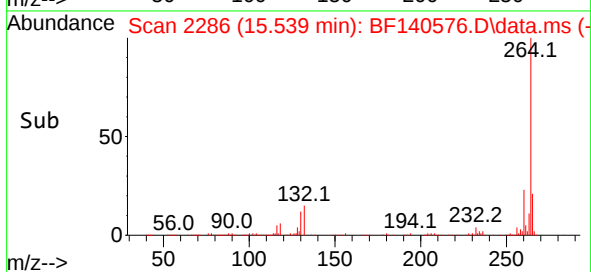
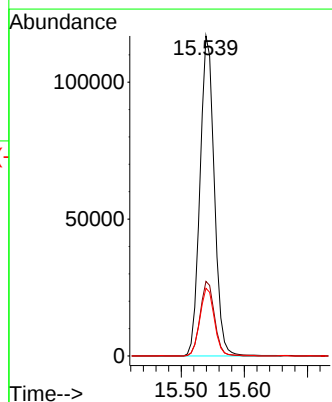
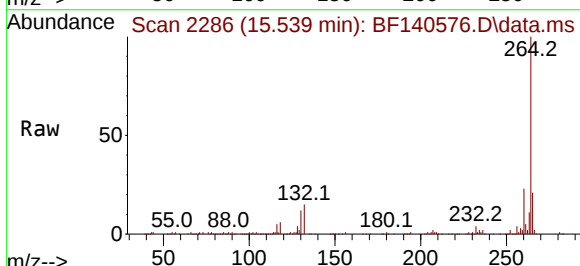
Tgt Ion:264 Resp: 184087

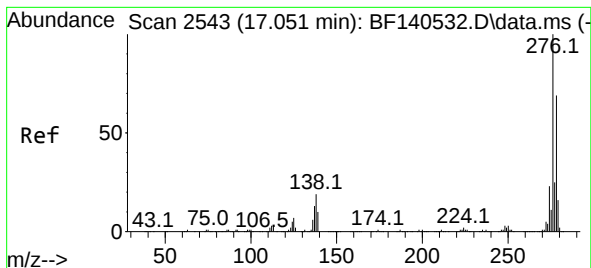
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.572 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

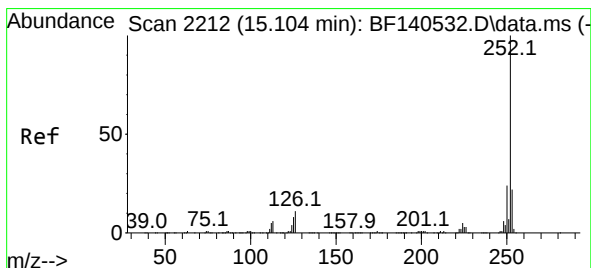
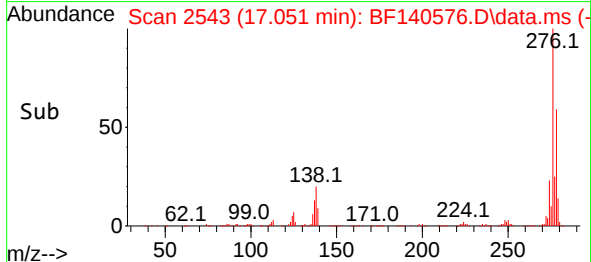
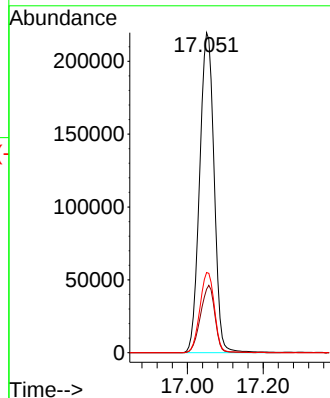
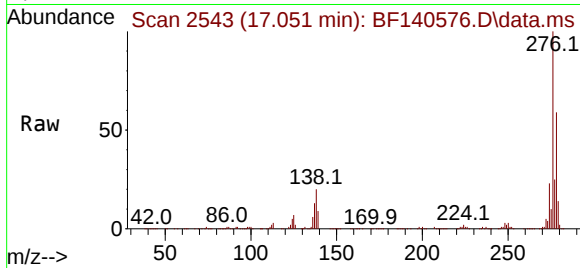
Tgt Ion:276 Resp: 582709

Ion Ratio Lower Upper

276 100

138 20.9 15.5 23.3

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 50.433 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

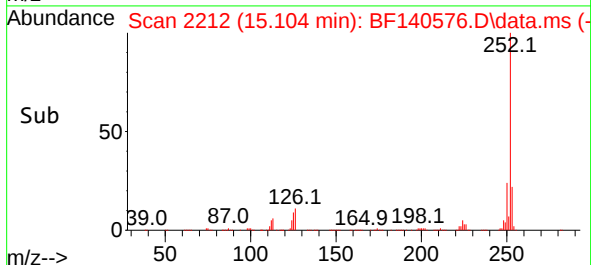
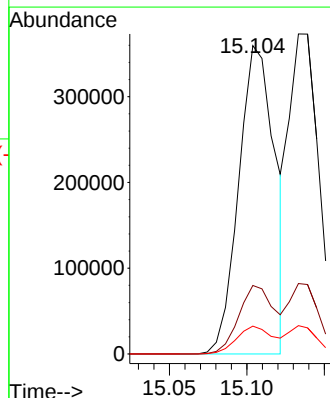
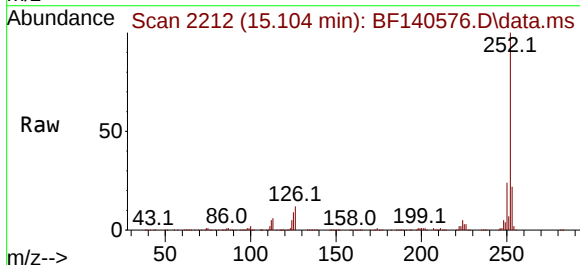
Tgt Ion:252 Resp: 583147

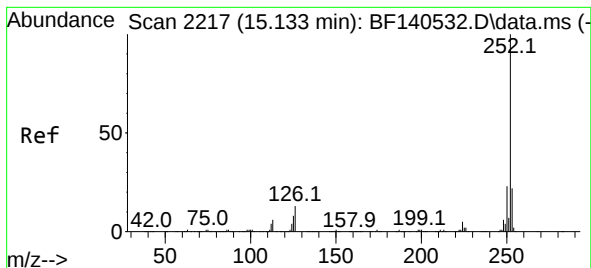
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 9.0 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 50.030 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.000 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

Instrument :

BNA_F

ClientSampleId :

MH-732MS

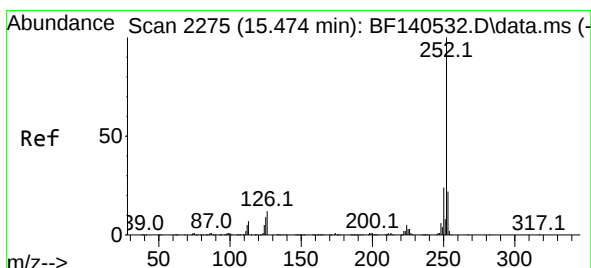
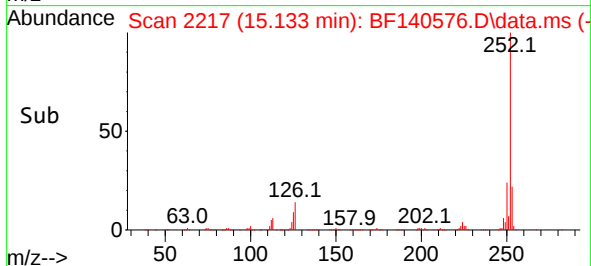
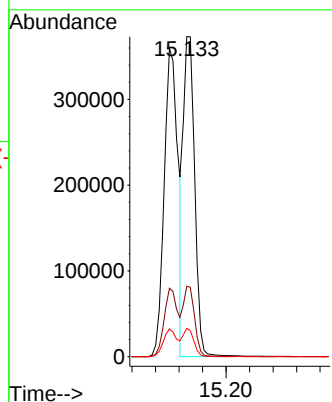
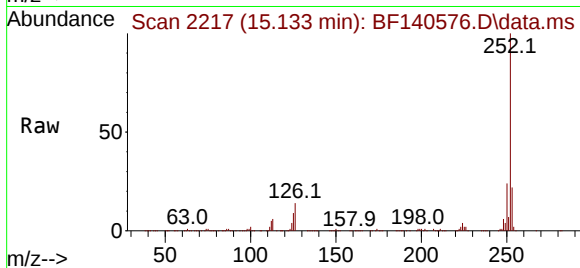
Tgt Ion:252 Resp: 506222

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.8 6.5 9.7



#90

Benzo(a)pyrene

Concen: 54.635 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140576.D

Acq: 22 Nov 2024 14:40

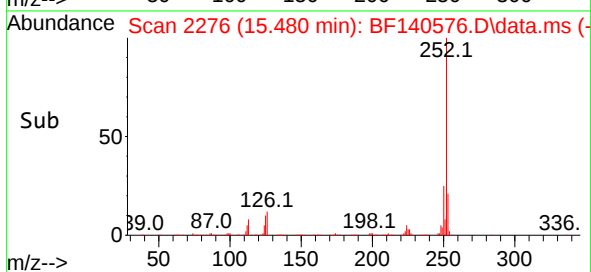
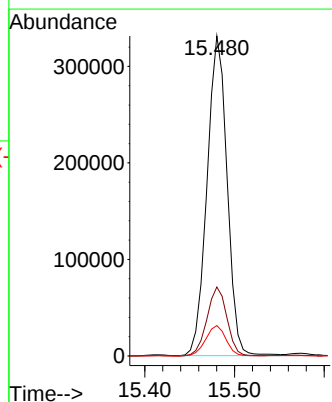
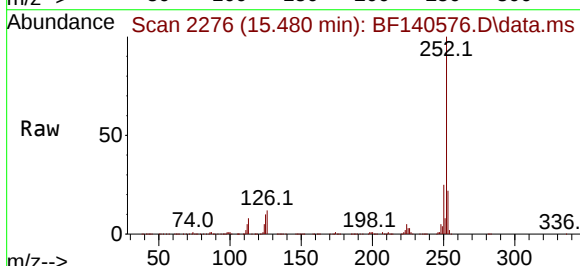
Tgt Ion:252 Resp: 513647

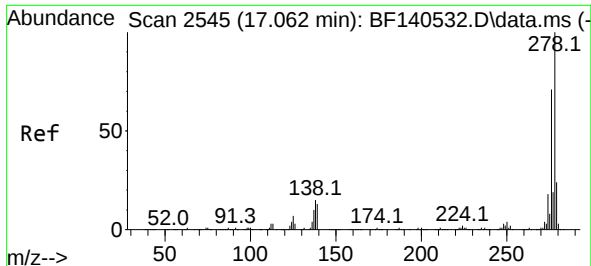
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.5 7.0 10.6

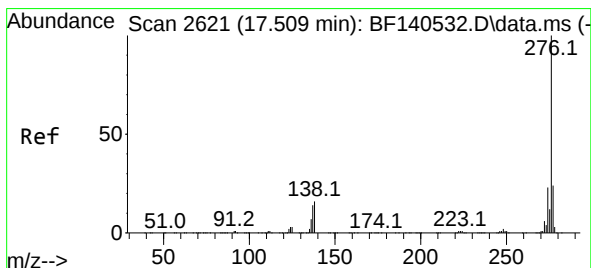
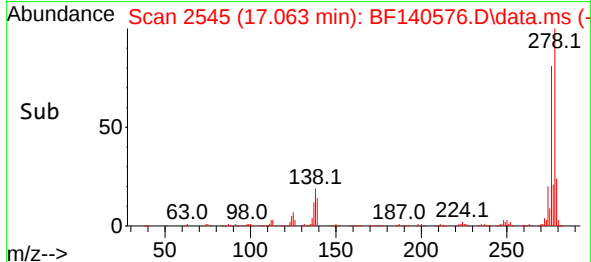
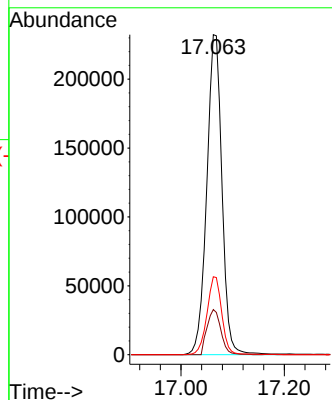
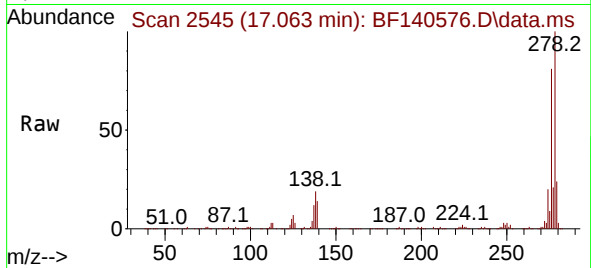




#91
Dibenzo(a,h)anthracene
Concen: 48.239 ng
RT: 17.063 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:278 Resp: 473943
Ion Ratio Lower Upper
278 100
139 14.1 10.2 15.4
279 24.4 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 42.664 ng
RT: 17.510 min Scan# 2621
Delta R.T. 0.000 min
Lab File: BF140576.D
Acq: 22 Nov 2024 14:40

Tgt Ion:276 Resp: 427739
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 17.3 13.2 19.8

