

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

Quant Time: Nov 21 16:11:44 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	6.875	152	106835	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	417612	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	239418	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	448820	20.000	ng	0.00
76) Chrysene-d12	14.057	240	266538	20.000	ng	0.00
86) Perylene-d12	15.551	264	215076	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	494717	79.009	ng	0.00
7) Phenol-d6	6.516	99	674309	81.459	ng	0.00
23) Nitrobenzene-d5	7.439	82	644226	78.907	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204020	79.677	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1227501	76.390	ng	0.00
79) Terphenyl-d14	12.992	244	1291669	75.460	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.640	88	102768	39.036	ng 99
3) Pyridine	3.410	79	258925	44.701	ng 99
4) n-Nitrosodimethylamine	3.369	42	140208	41.184	ng 98
6) Aniline	6.539	93	274234	47.067	ng 91
8) 2-Chlorophenol	6.663	128	270746	40.191	ng 98
9) Benzaldehyde	6.428	77	161873	36.939	ng 99
10) Phenol	6.528	94	346860	41.030	ng 98
11) bis(2-Chloroethyl)ether	6.610	93	257441	39.796	ng 99
12) 1,3-Dichlorobenzene	6.816	146	300749	39.732	ng 99
13) 1,4-Dichlorobenzene	6.892	146	304030	39.668	ng 100
14) 1,2-Dichlorobenzene	7.045	146	283001	39.406	ng 98
15) Benzyl Alcohol	7.016	79	257787	41.993	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	314742	41.183	ng 93
17) 2-Methylphenol	7.133	107	224359	41.606	ng 98
18) Hexachloroethane	7.381	117	114809	40.108	ng 98
19) n-Nitroso-di-n-propyla...	7.286	70	205658	42.038	ng 99
20) 3+4-Methylphenols	7.286	107	287897	41.536	ng 98
22) Acetophenone	7.281	105	396692	38.963	ng 99
24) Nitrobenzene	7.457	77	330161	39.127	ng 99
25) Isophorone	7.692	82	549222	40.332	ng 99
26) 2-Nitrophenol	7.769	139	150969	40.372	ng 98
27) 2,4-Dimethylphenol	7.810	122	177031	39.568	ng 99
28) bis(2-Chloroethoxy)met...	7.898	93	331321	39.938	ng 100
29) 2,4-Dichlorophenol	8.016	162	236857	39.952	ng 99
30) 1,2,4-Trichlorobenzene	8.098	180	263327	38.901	ng 99
31) Naphthalene	8.175	128	842187	39.152	ng 99
32) Benzoic acid	7.939	122	156794	41.429	ng 98
33) 4-Chloroaniline	8.228	127	280483	43.551	ng 99
34) Hexachlorobutadiene	8.292	225	176676	39.406	ng 99
35) Caprolactam	8.604	113	74088	40.381	ng 94
36) 4-Chloro-3-methylphenol	8.716	107	266862	40.203	ng 99
37) 2-Methylnaphthalene	8.869	142	546332	39.987	ng 99
38) 1-Methylnaphthalene	8.969	142	531502	39.688	ng 99
40) 1,2,4,5-Tetrachloroben...	9.033	216	272114	38.824	ng 100
41) Hexachlorocyclopentadiene	9.016	237	52730	37.711	ng 97
43) 2,4,6-Trichlorophenol	9.151	196	173239	39.390	ng 99

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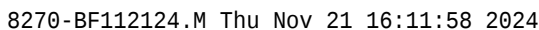
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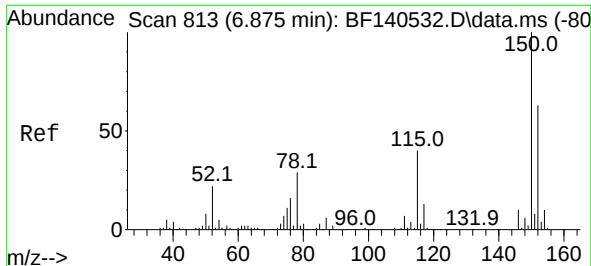
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	192368	40.302	ng	99
46) 1,1'-Biphenyl	9.333	154	693007	38.769	ng	100
47) 2-Chloronaphthalene	9.357	162	530895	39.197	ng	100
48) 2-Nitroaniline	9.457	65	174060	40.037	ng	99
49) Acenaphthylene	9.774	152	795061	38.850	ng	99
50) Dimethylphthalate	9.633	163	624268	39.591	ng	99
51) 2,6-Dinitrotoluene	9.698	165	140739	39.356	ng	100
52) Acenaphthene	9.945	154	510276	39.243	ng	100
53) 3-Nitroaniline	9.874	138	143055	40.901	ng	96
54) 2,4-Dinitrophenol	9.980	184	58542	36.341	ng	99
55) Dibenzofuran	10.122	168	766460	38.644	ng	99
56) 4-Nitrophenol	10.039	139	100812	42.263	ng	99
57) 2,4-Dinitrotoluene	10.104	165	194980	41.025	ng	98
58) Fluorene	10.463	166	622708	39.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	153327	41.797	ng	97
60) Diethylphthalate	10.333	149	626046	39.078	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	308891	39.536	ng	99
62) 4-Nitroaniline	10.486	138	148087	40.369	ng	99
63) Azobenzene	10.616	77	597687	39.396	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	94340	41.134	ng	99
66) n-Nitrosodiphenylamine	10.574	169	513960	38.723	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	180160	38.977	ng	99
68) Hexachlorobenzene	11.016	284	208589	38.974	ng	99
69) Atrazine	11.098	200	129353	34.643	ng	99
70) Pentachlorophenol	11.210	266	100767	42.779	ng	98
71) Phenanthrene	11.427	178	838392	38.861	ng	99
72) Anthracene	11.480	178	819442	38.829	ng	100
73) Carbazole	11.639	167	795975	39.207	ng	100
74) Di-n-butylphthalate	11.963	149	932026	39.765	ng	99
75) Fluoranthene	12.621	202	937019	40.002	ng	100
77) Benzidine	12.745	184	304946	39.351	ng	99
78) Pyrene	12.851	202	941890	38.219	ng	99
80) Butylbenzylphthalate	13.463	149	359930	40.542	ng	97
81) Benzo(a)anthracene	14.045	228	700865	39.723	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	217249	41.011	ng	99
83) Chrysene	14.080	228	635750	39.406	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	468853	41.823	ng	99
85) Di-n-octyl phthalate	14.645	149	673561	43.965	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	546567	38.995	ng	99
88) Benzo(b)fluoranthene	15.109	252	551853	40.850	ng	100
89) Benzo(k)fluoranthene	15.145	252	474176	40.110	ng	100
90) Benzo(a)pyrene	15.486	252	439811	40.041	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	459746	40.052	ng	100
92) Benzo(g,h,i)perylene	17.521	276	463747	39.591	ng	99

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

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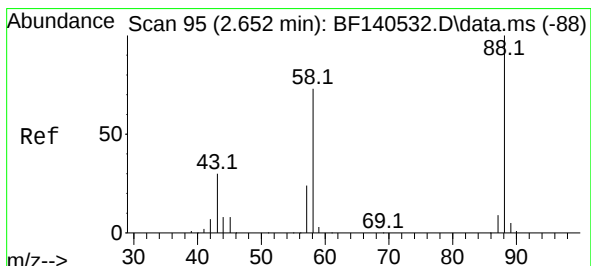
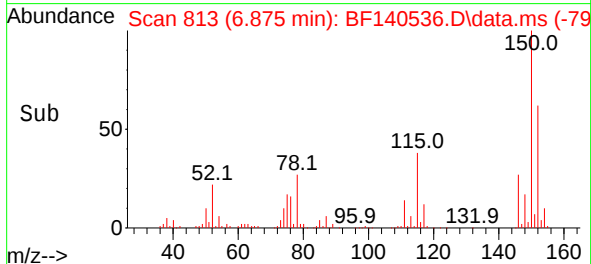
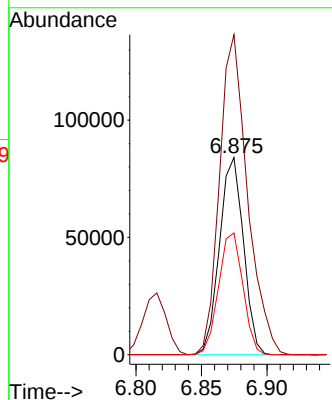
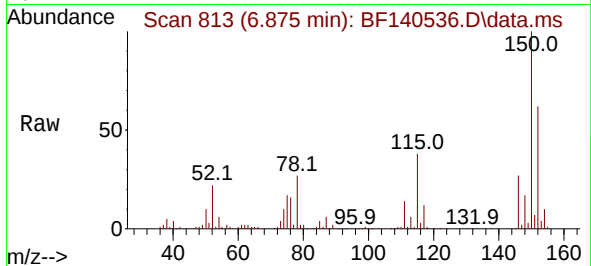




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

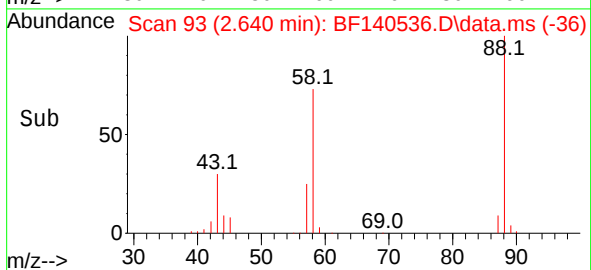
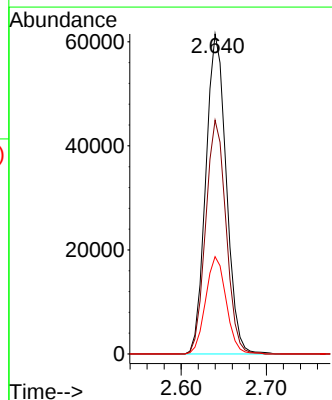
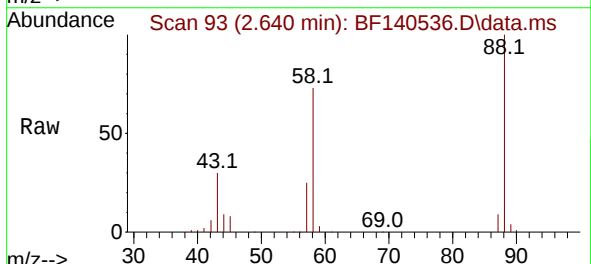
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ICVBF112124

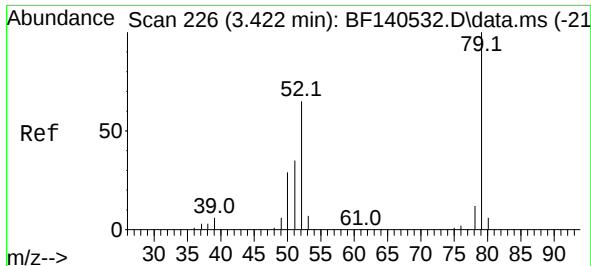
Tgt Ion:152 Resp: 106835
Ion Ratio Lower Upper
152 100
150 162.4 128.5 192.7
115 61.8 50.2 75.4



#2
1,4-Dioxane
Concen: 39.036 ng
RT: 2.640 min Scan# 93
Delta R.T. -0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 88 Resp: 102768
Ion Ratio Lower Upper
88 100
58 72.6 57.4 86.2
43 30.5 24.3 36.5





#3

Pyridine

Concen: 44.701 ng

RT: 3.410 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

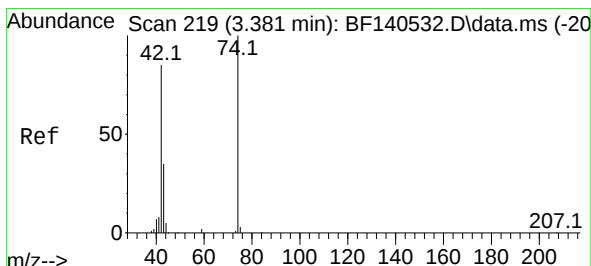
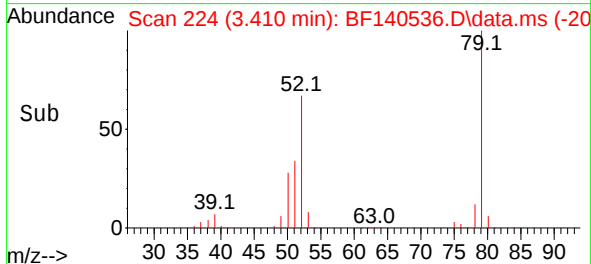
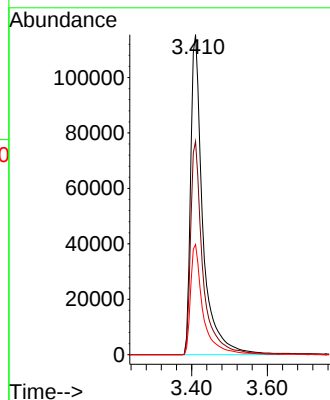
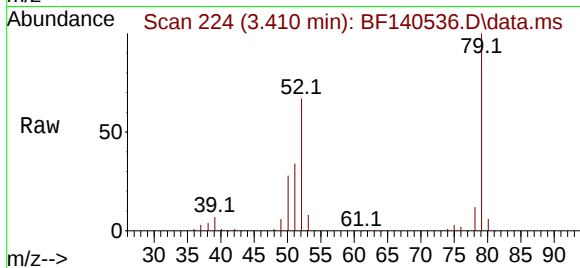
Tgt Ion: 79 Resp: 258925

Ion Ratio Lower Upper

79 100

52 66.6 52.1 78.1

51 34.4 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 41.184 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

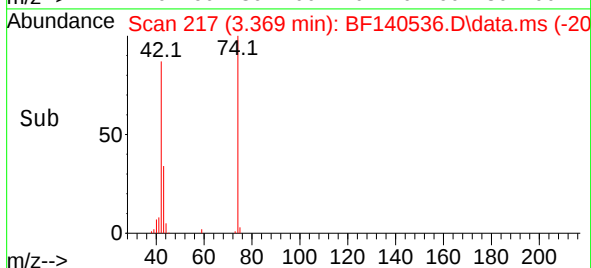
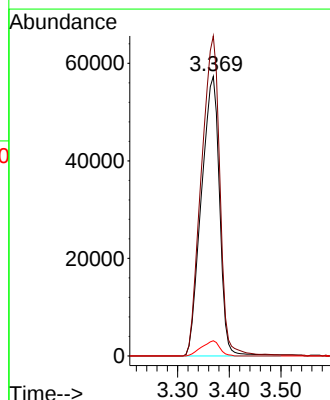
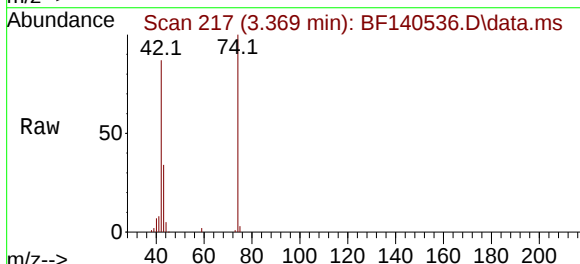
Tgt Ion: 42 Resp: 140208

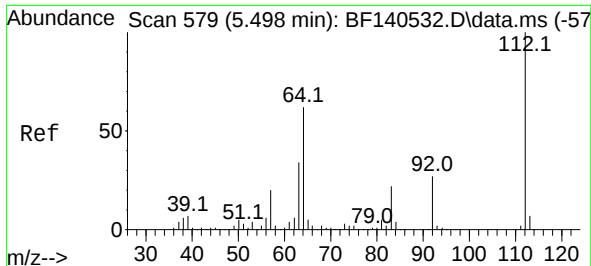
Ion Ratio Lower Upper

42 100

74 114.5 93.8 140.6

44 5.5 4.6 6.8

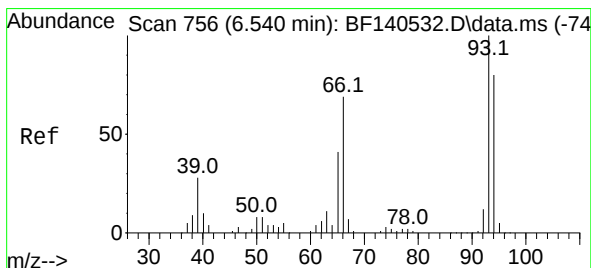
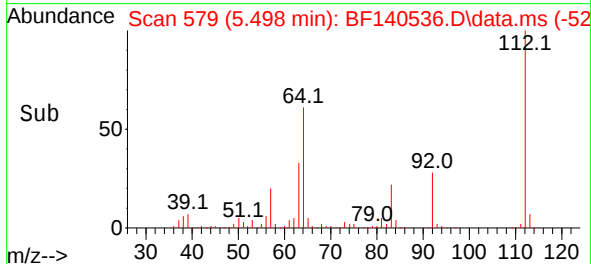
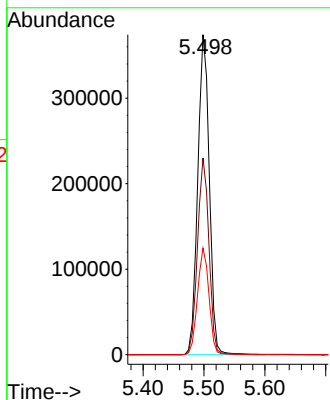
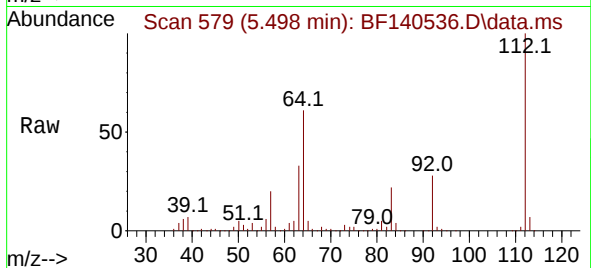




#5
2-Fluorophenol
Concen: 79.009 ng
RT: 5.498 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

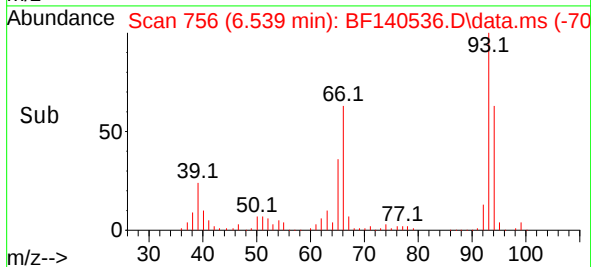
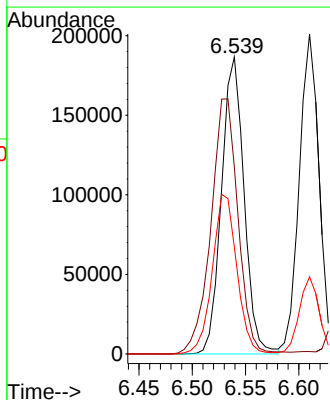
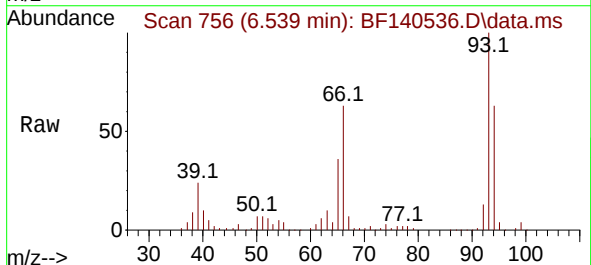
Instrument :
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ClientSampleId :
ICVBF112124

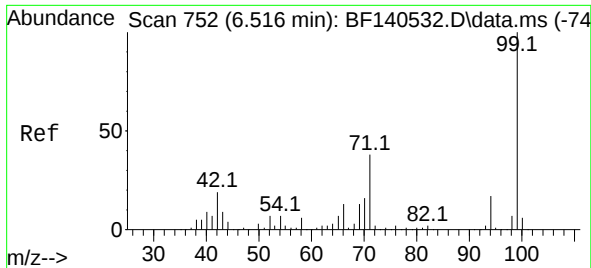
Tgt Ion:112 Resp: 494717
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 33.3 27.0 40.4



#6
Aniline
Concen: 47.067 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 93 Resp: 274234
Ion Ratio Lower Upper
93 100
66 62.8 56.5 84.7
65 35.9 32.9 49.3

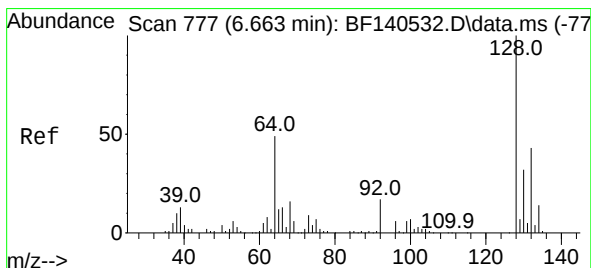
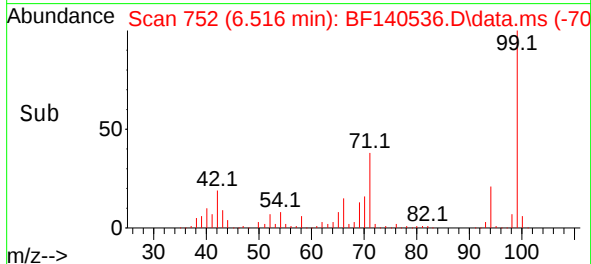
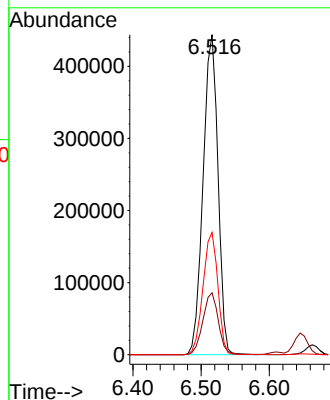
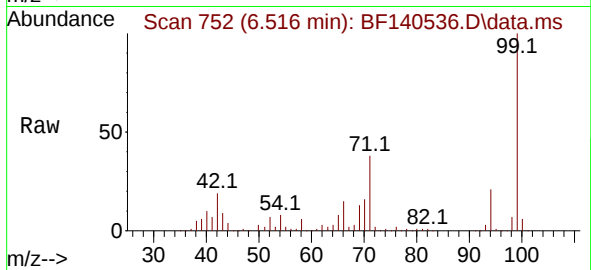




#7
Phenol-d6
Concen: 81.459 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

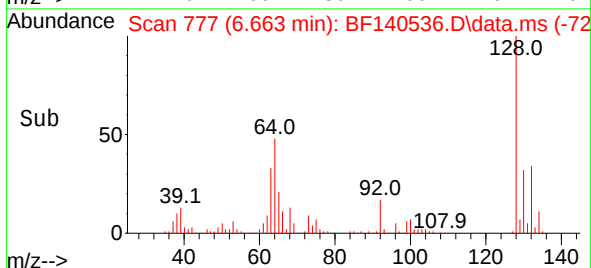
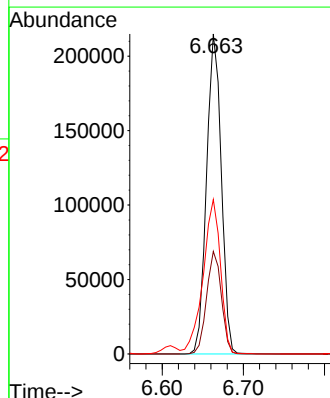
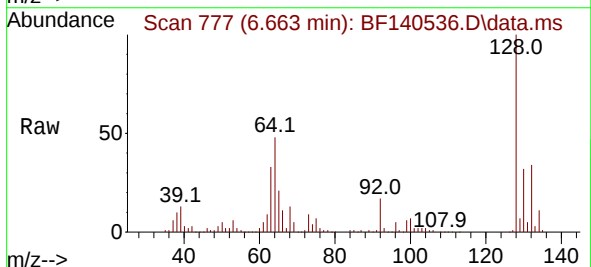
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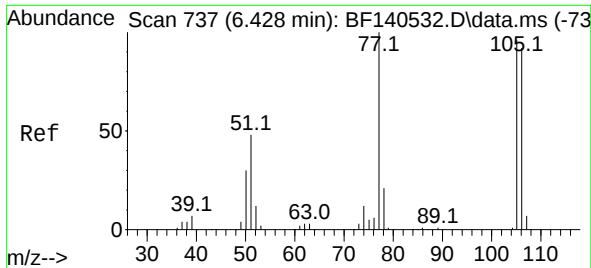
Tgt Ion: 99 Resp: 674309
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 38.2 30.6 46.0



#8
2-Chlorophenol
Concen: 40.191 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:128 Resp: 270746
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 48.3 30.2 70.2



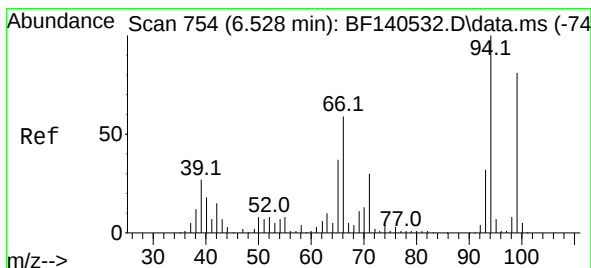
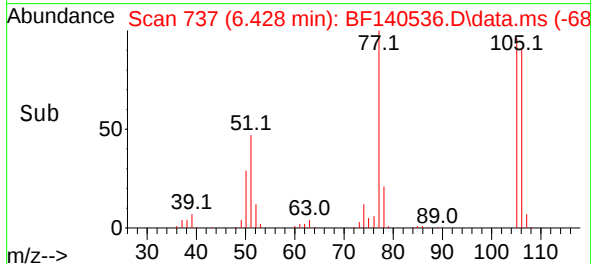
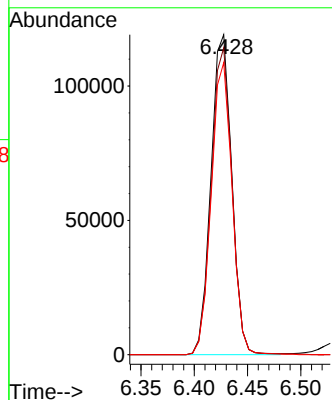
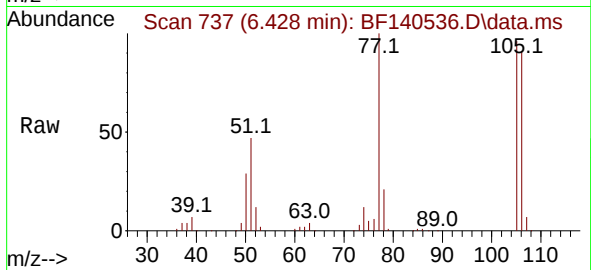


#9
Benzaldehyde
Concen: 36.939 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion: 77 Resp: 161873

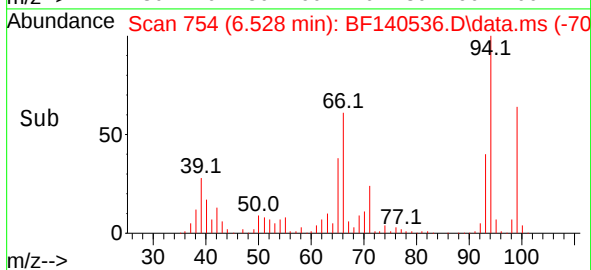
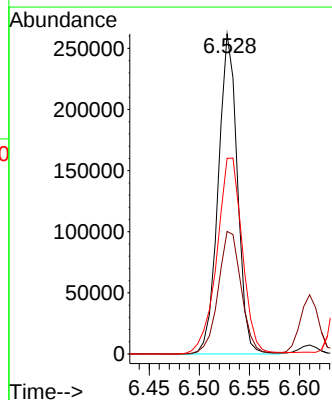
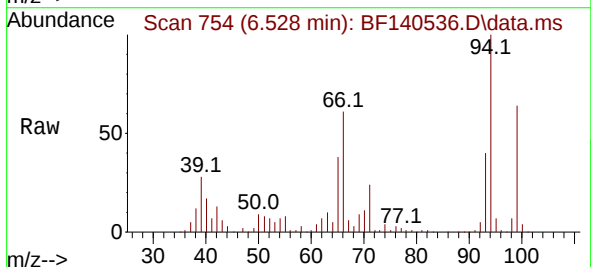
Ion	Ratio	Lower	Upper
77	100		
105	95.9	75.6	115.6
106	91.2	72.0	112.0

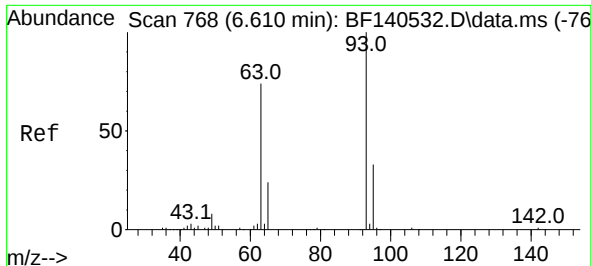


#10
Phenol
Concen: 41.030 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 94 Resp: 346860

Ion	Ratio	Lower	Upper
94	100		
65	38.3	17.2	57.2
66	61.2	39.2	79.2

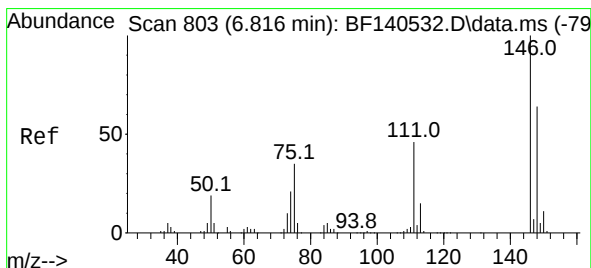
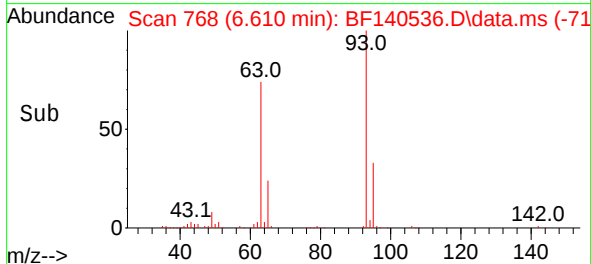
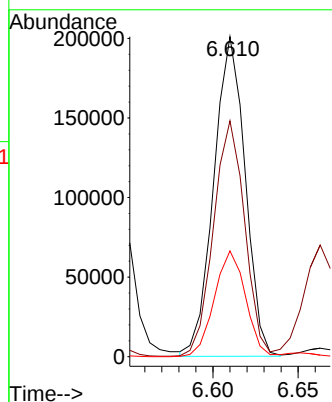
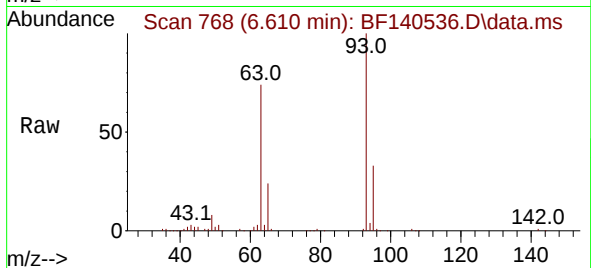




#11
bis(2-Chloroethyl)ether
Concen: 39.796 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

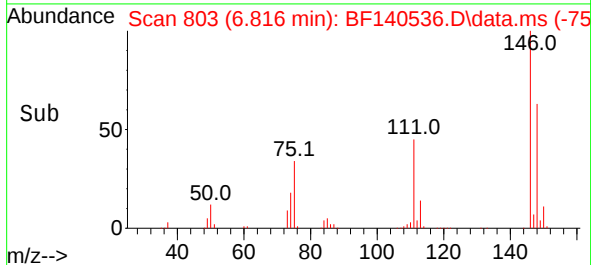
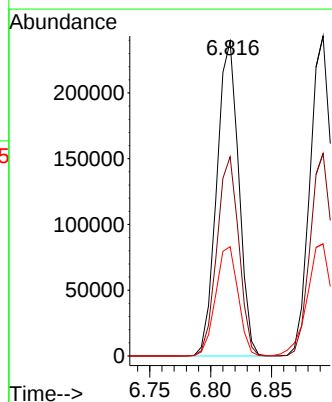
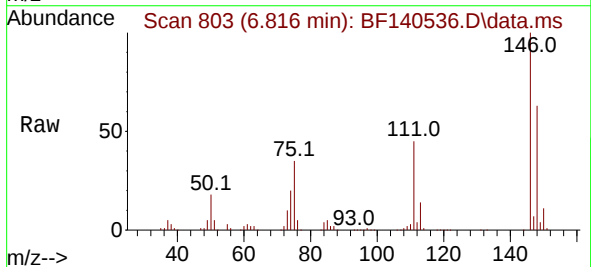
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

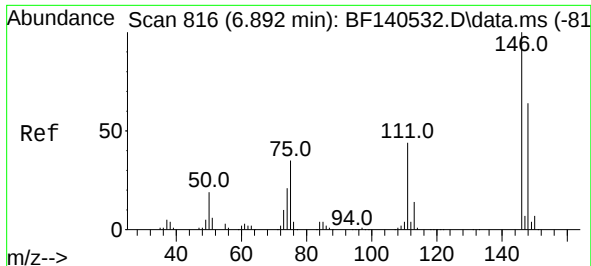
Tgt Ion: 93 Resp: 257441
Ion Ratio Lower Upper
93 100
63 73.7 52.8 92.8
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.732 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 146 Resp: 300749
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
75 34.7 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.668 ng

RT: 6.892 min Scan# 816

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

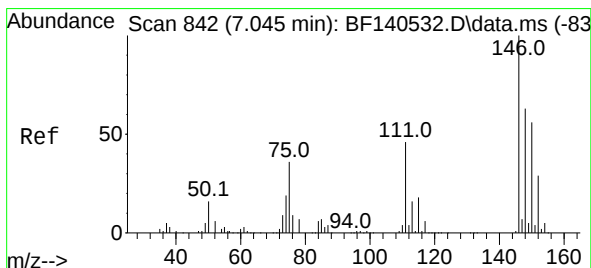
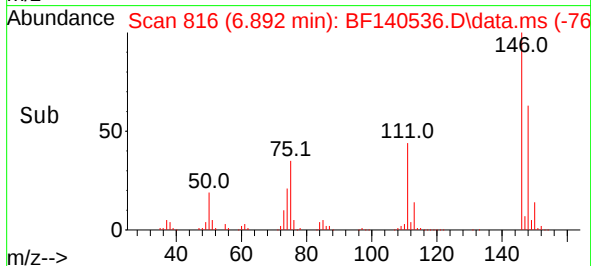
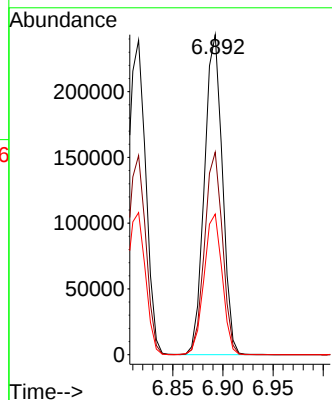
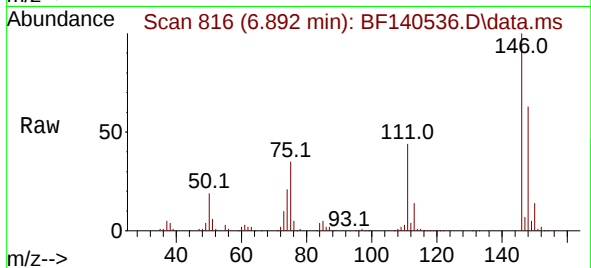
Tgt Ion:146 Resp: 304030

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

111 44.0 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 39.406 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

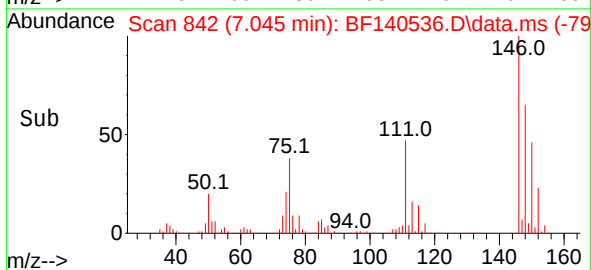
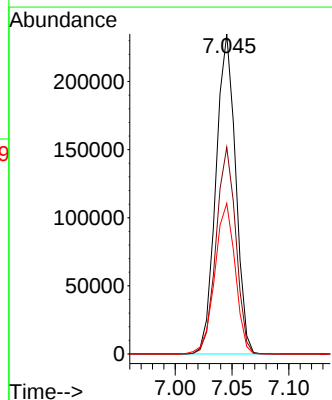
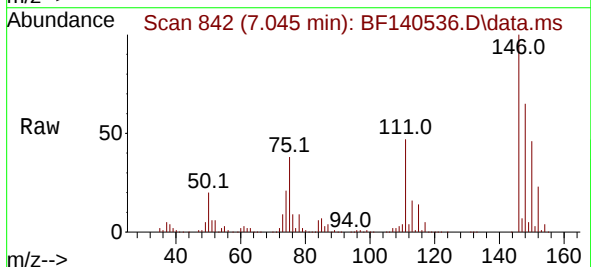
Tgt Ion:146 Resp: 283001

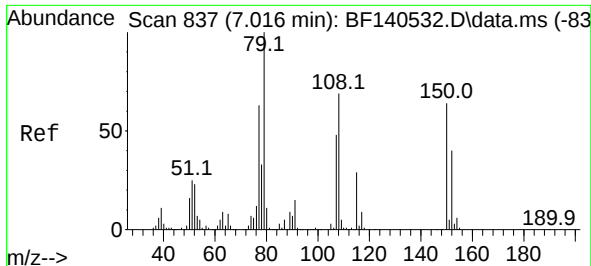
Ion Ratio Lower Upper

146 100

148 64.6 50.5 75.7

111 47.1 36.7 55.1





#15

Benzyl Alcohol

Concen: 41.993 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

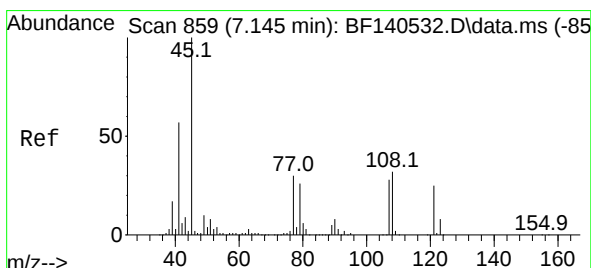
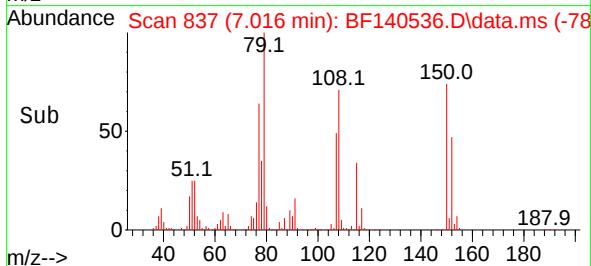
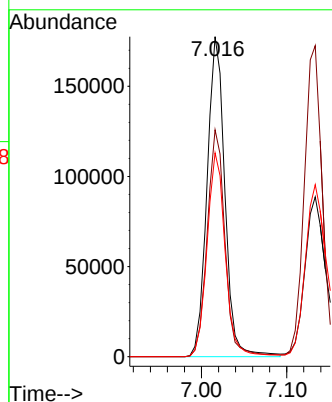
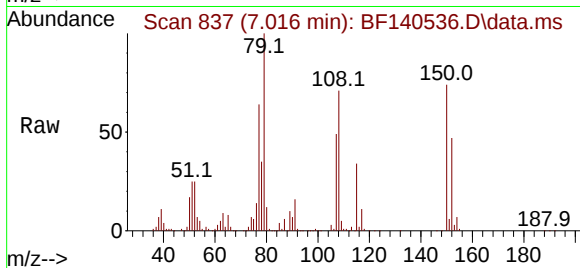
Tgt Ion: 79 Resp: 257787

Ion Ratio Lower Upper

79 100

108 70.9 55.0 82.6

77 63.7 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.183 ng

RT: 7.145 min Scan# 859

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

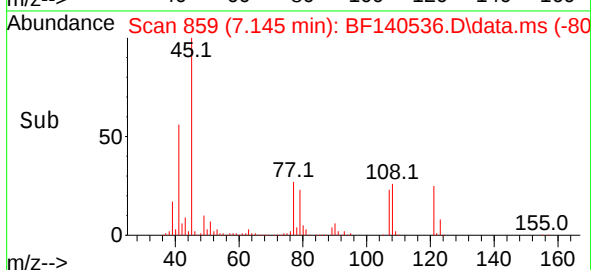
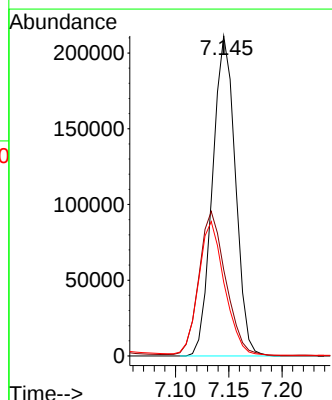
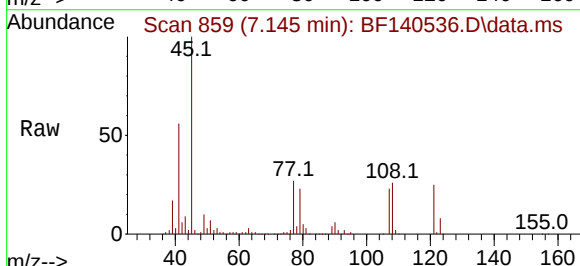
Tgt Ion: 45 Resp: 314742

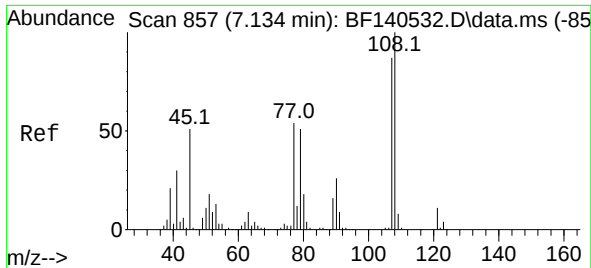
Ion Ratio Lower Upper

45 100

77 26.9 10.7 50.7

79 23.0 7.0 47.0

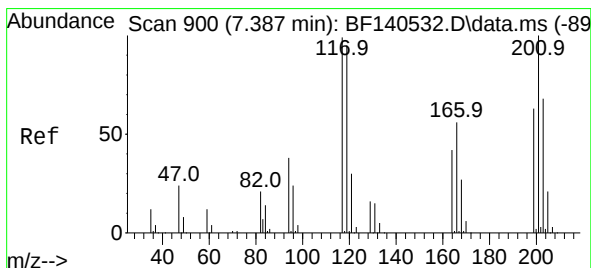
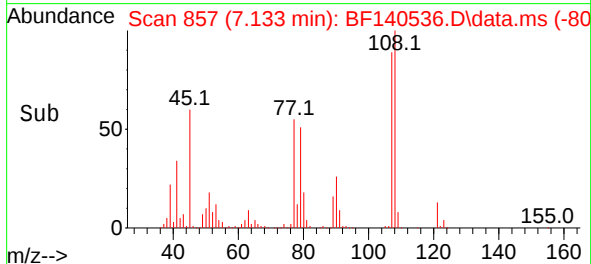
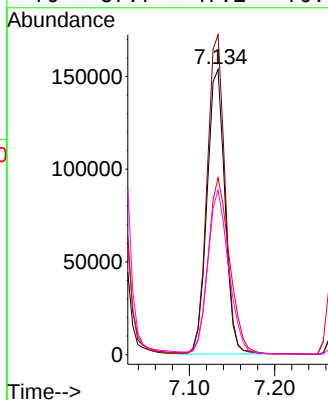
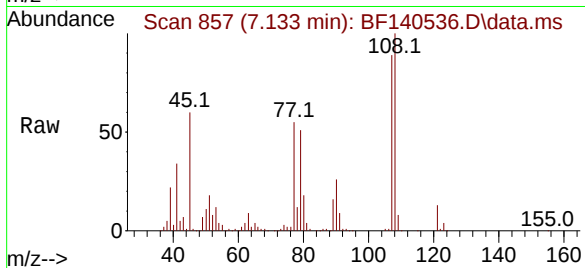




#17
2-Methylphenol
Concen: 41.606 ng
RT: 7.133 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

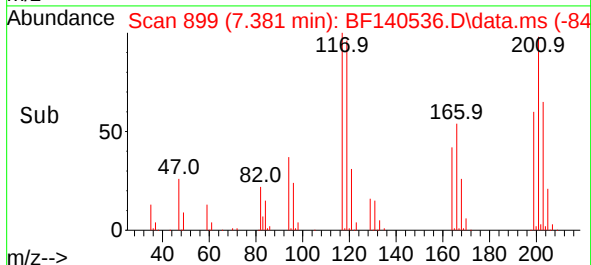
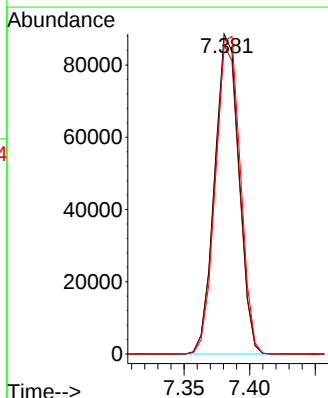
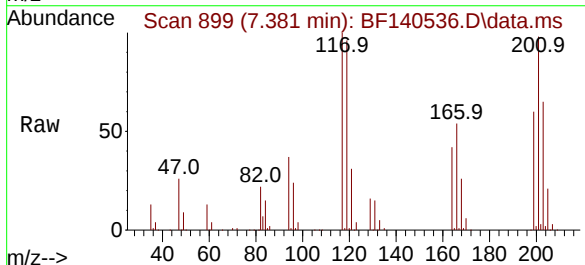
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

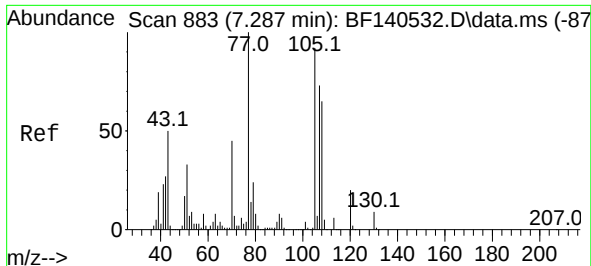
Tgt Ion:107 Resp: 224359
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 62.0 49.3 73.9
79 57.7 47.1 70.7



#18
Hexachloroethane
Concen: 40.108 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:117 Resp: 114809
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7
201 97.7 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.038 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 70 Resp: 205658

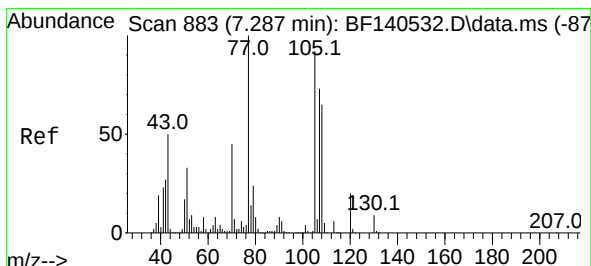
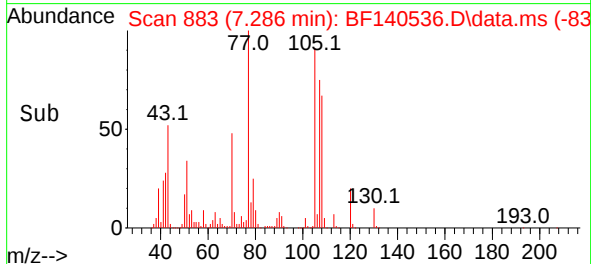
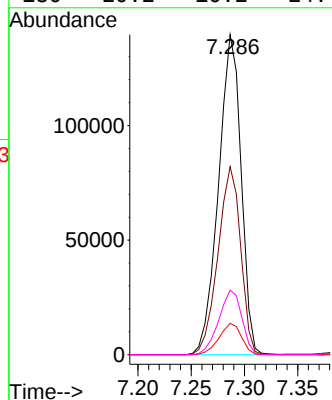
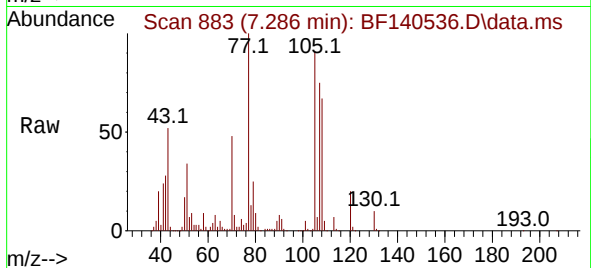
Ion Ratio Lower Upper

70 100

42 58.8 47.6 71.4

101 9.8 7.6 11.4

130 20.2 16.2 24.4



#20

3+4-Methylphenols

Concen: 41.536 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:107 Resp: 287897

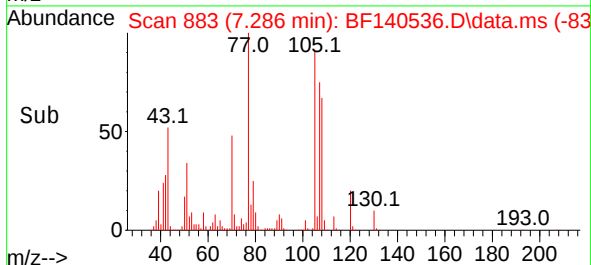
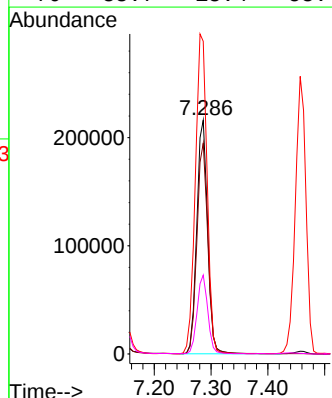
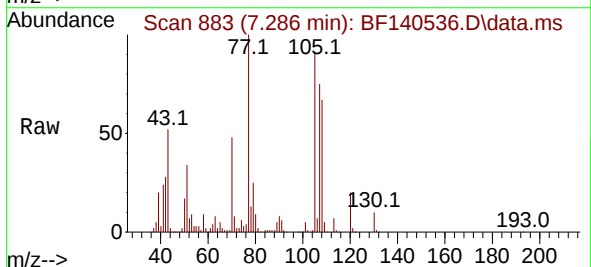
Ion Ratio Lower Upper

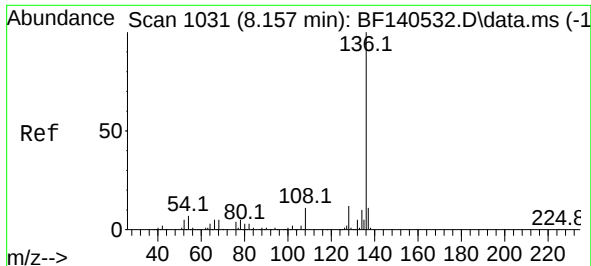
107 100

108 90.2 69.9 109.9

77 133.8 117.7 157.7

79 33.7 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

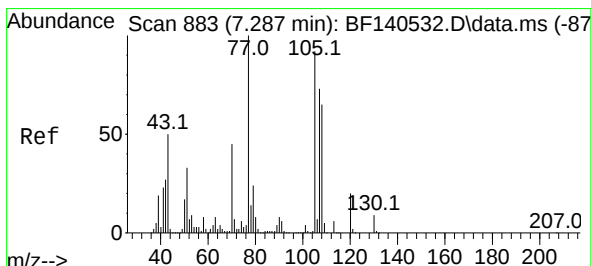
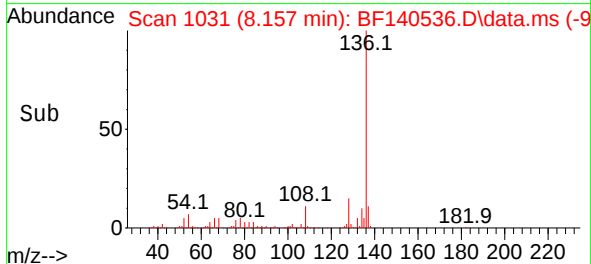
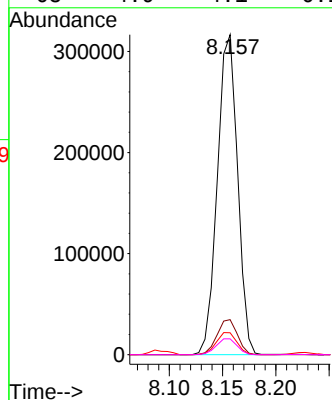
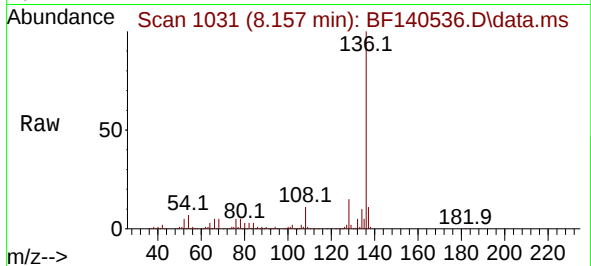
Instrument :

BNA_F

ClientSampleId :

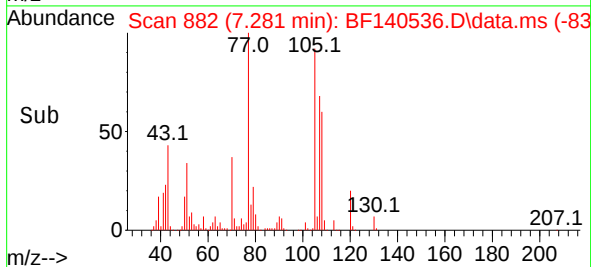
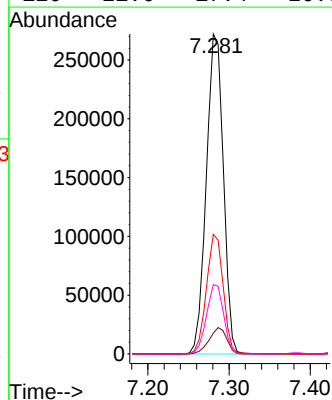
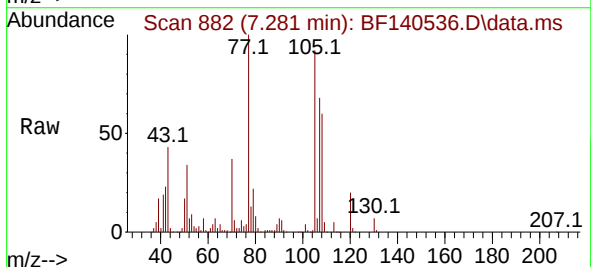
ICVBF112124

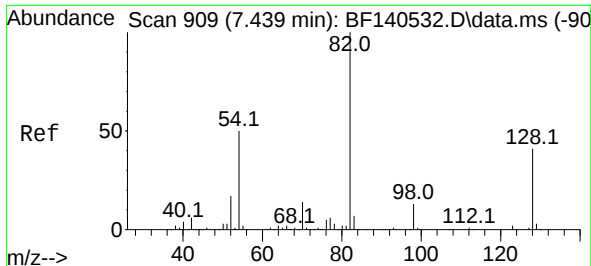
Tgt Ion:136 Resp: 417612
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.9 5.8 8.8
68 4.9 4.1 6.1



#22
Acetophenone
Concen: 38.963 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:105 Resp: 396692
Ion Ratio Lower Upper
105 100
71 6.5 6.2 9.2
51 37.4 29.0 43.6
120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 78.907 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

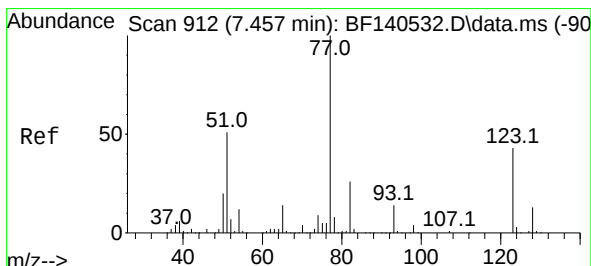
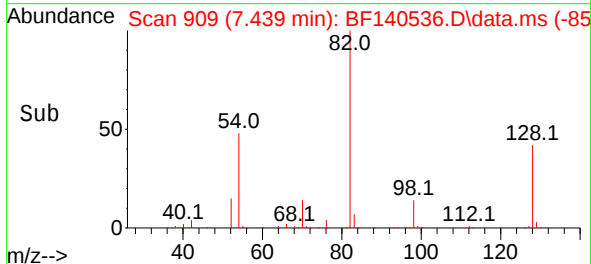
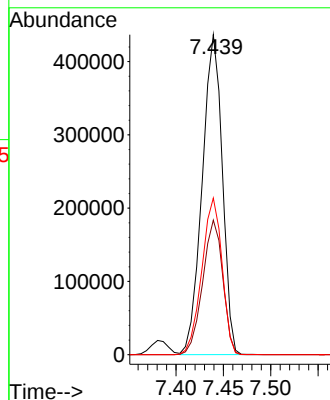
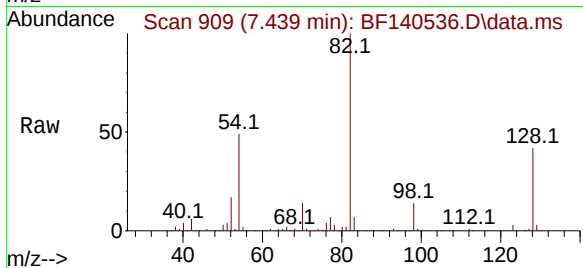
Tgt Ion: 82 Resp: 644226

Ion Ratio Lower Upper

82 100

128 42.1 33.0 49.4

54 49.0 39.5 59.3



#24

Nitrobenzene

Concen: 39.127 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

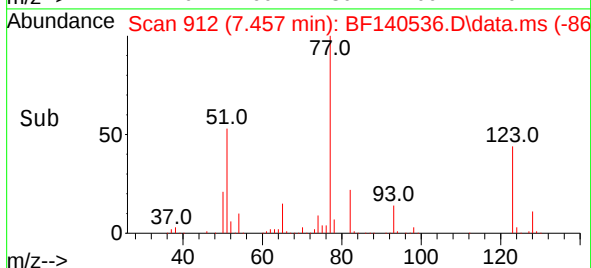
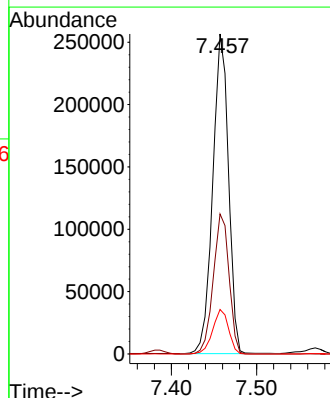
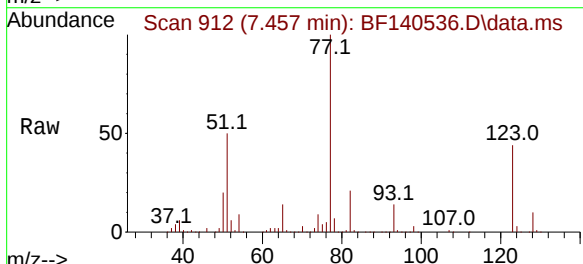
Tgt Ion: 77 Resp: 330161

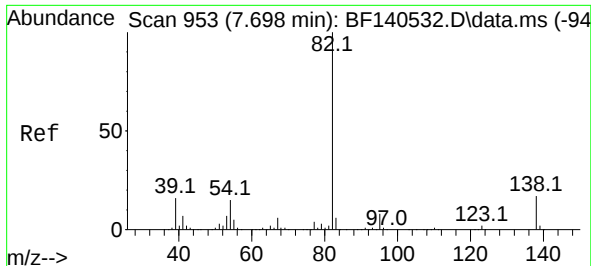
Ion Ratio Lower Upper

77 100

123 43.8 34.3 51.5

65 13.9 11.2 16.8

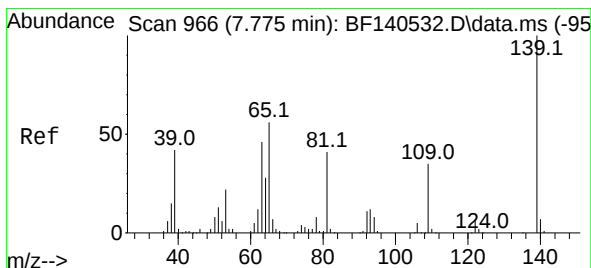
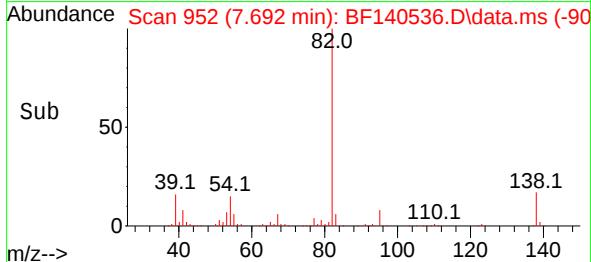
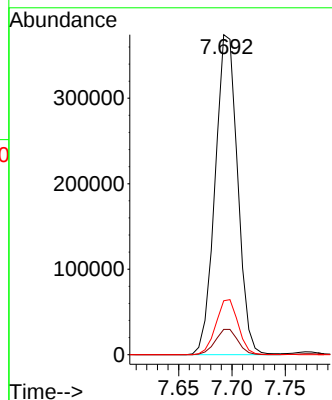
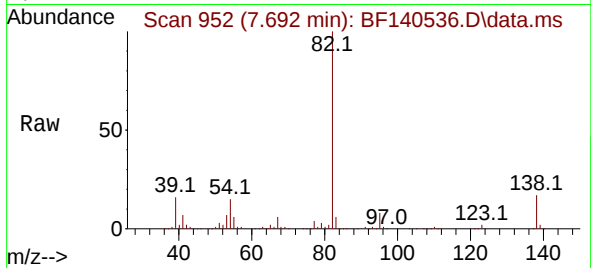




#25
Isophorone
Concen: 40.332 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

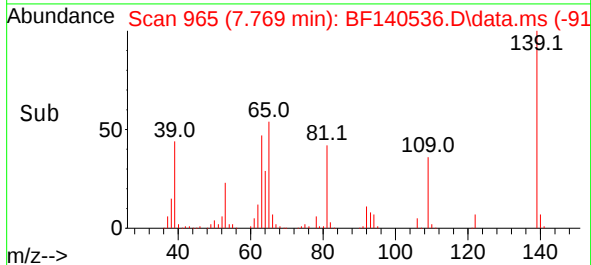
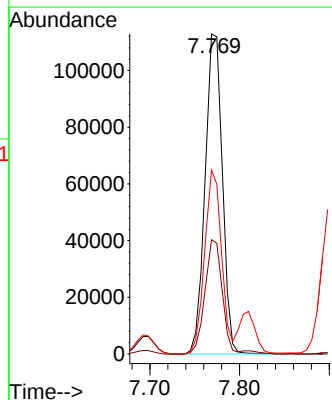
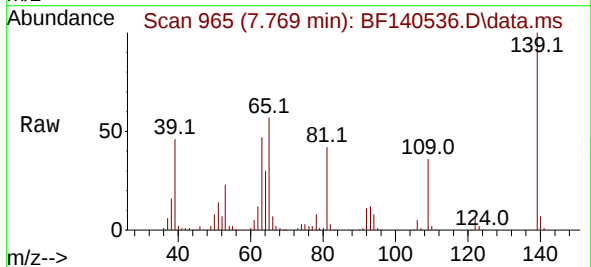
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

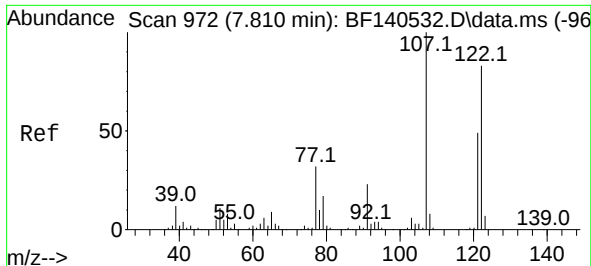
Tgt Ion: 82 Resp: 549222
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.9 13.8 20.6



#26
2-Nitrophenol
Concen: 40.372 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:139 Resp: 150969
Ion Ratio Lower Upper
139 100
109 35.7 28.0 42.0
65 57.5 44.6 67.0

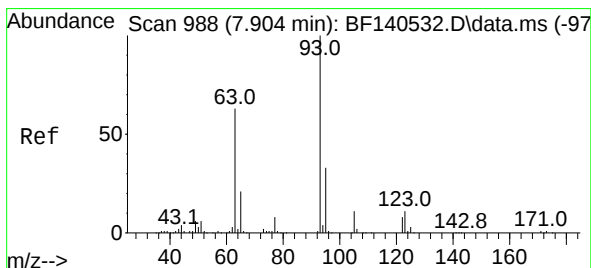
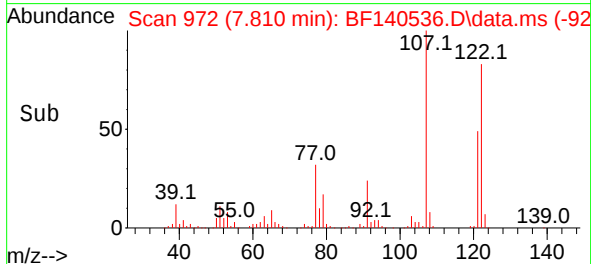
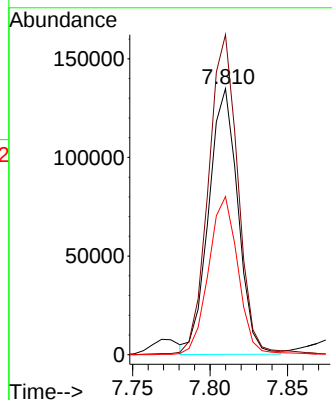
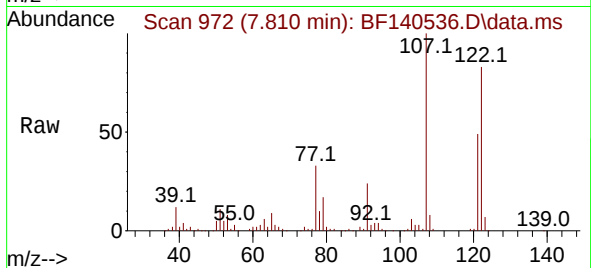




#27
2,4-Dimethylphenol
Concen: 39.568 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

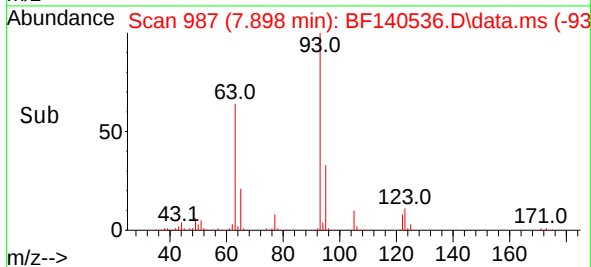
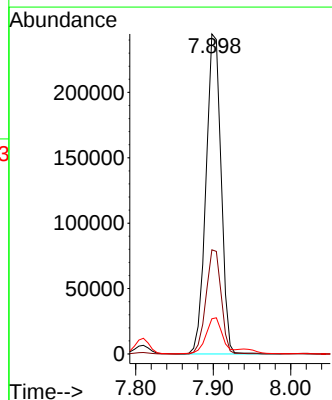
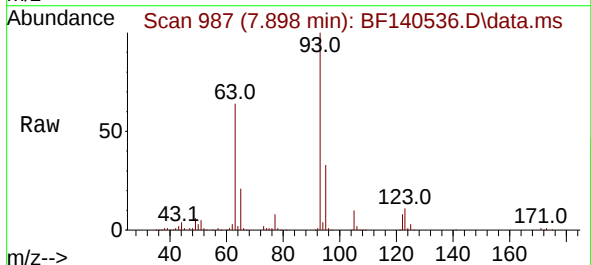
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

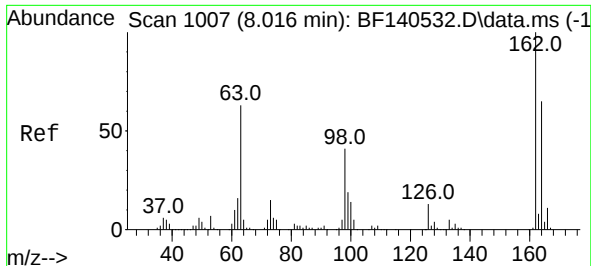
Tgt Ion:122 Resp: 177031
Ion Ratio Lower Upper
122 100
107 120.3 96.8 145.2
121 59.4 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.938 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 93 Resp: 331321
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.952 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

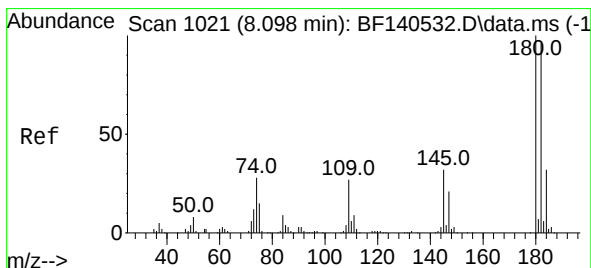
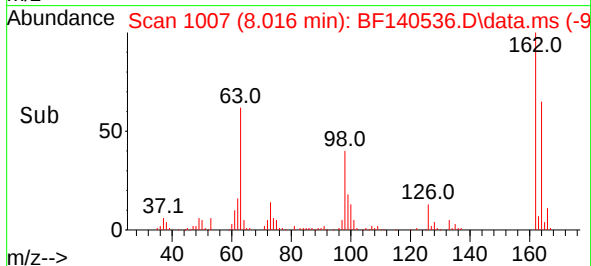
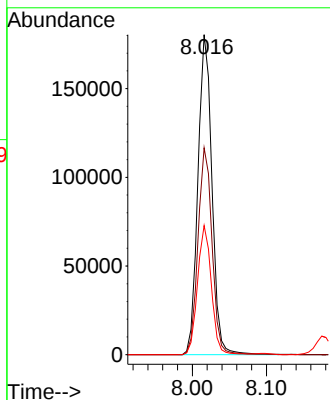
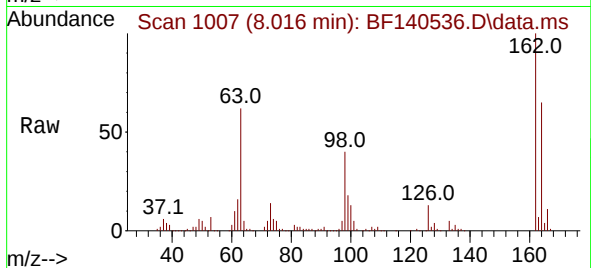
Tgt Ion:162 Resp: 236857

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

98 40.3 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 38.901 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

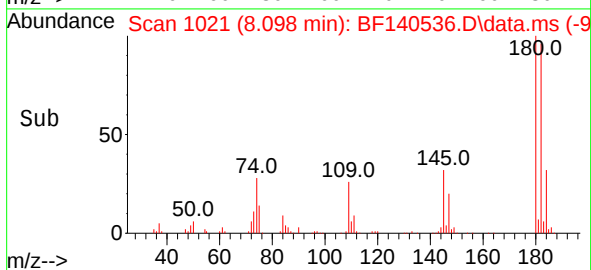
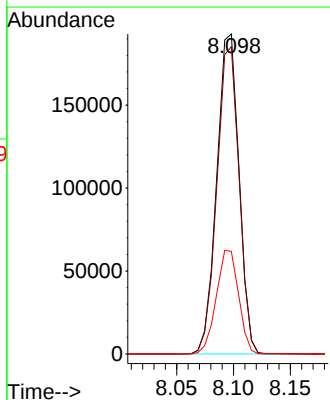
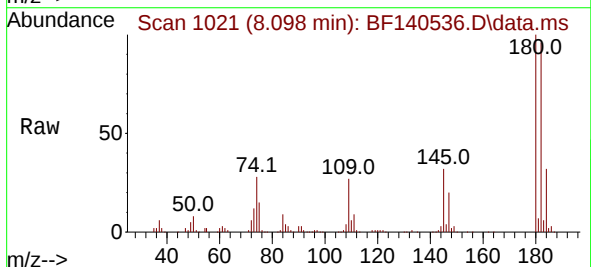
Tgt Ion:180 Resp: 263327

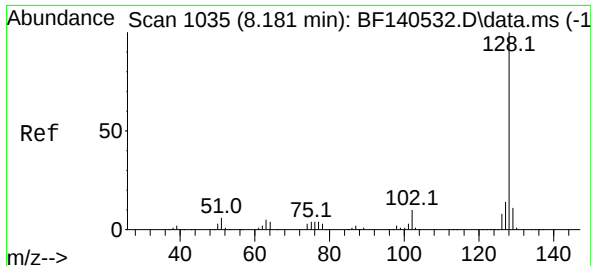
Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 32.1 25.9 38.9





#31

Naphthalene

Concen: 39.152 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

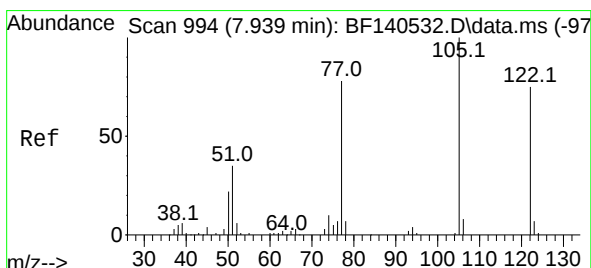
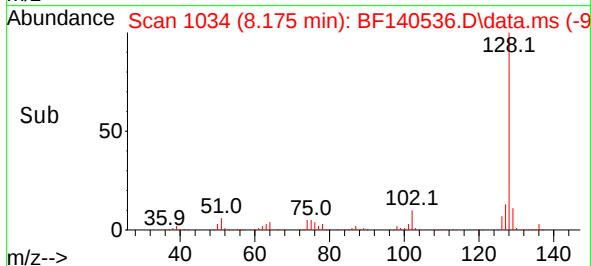
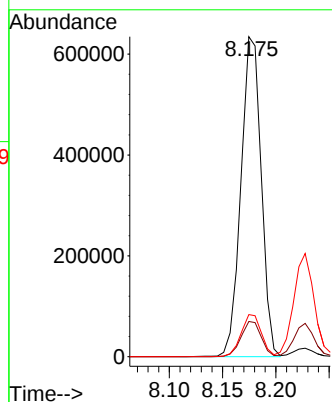
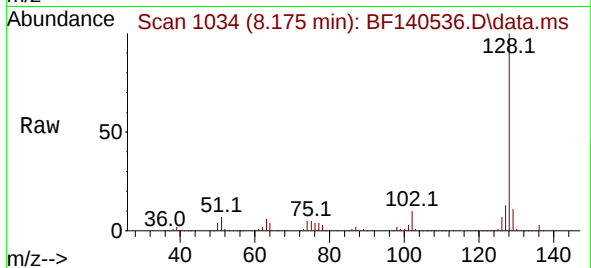
Tgt Ion:128 Resp: 842187

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.2 10.8 16.2



#32

Benzoic acid

Concen: 41.429 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

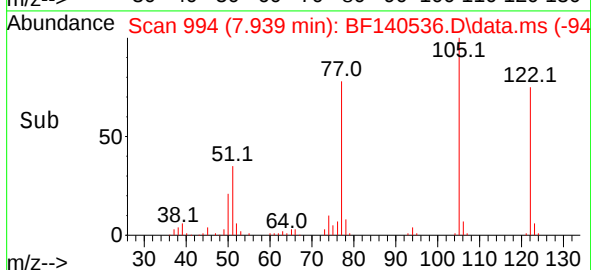
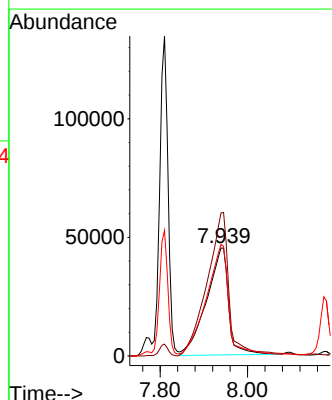
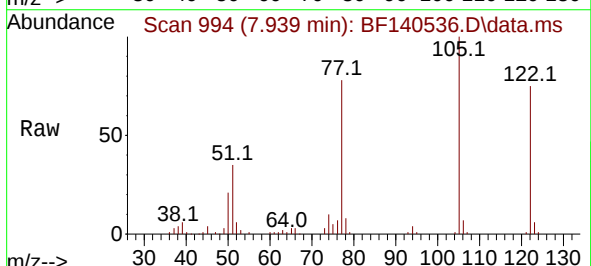
Tgt Ion:122 Resp: 156794

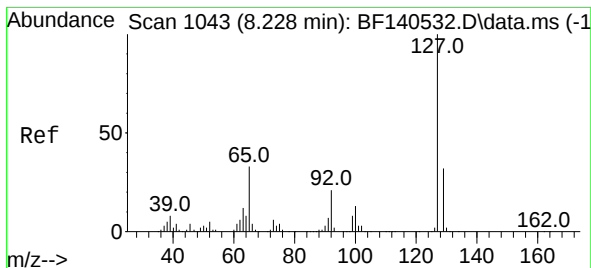
Ion Ratio Lower Upper

122 100

105 132.5 109.3 149.3

77 103.2 82.3 122.3





#33

4-Chloroaniline

Concen: 43.551 ng

RT: 8.228 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:127 Resp: 280483

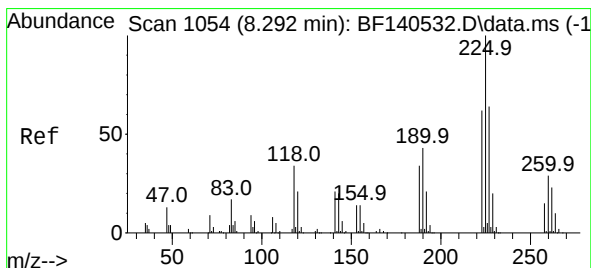
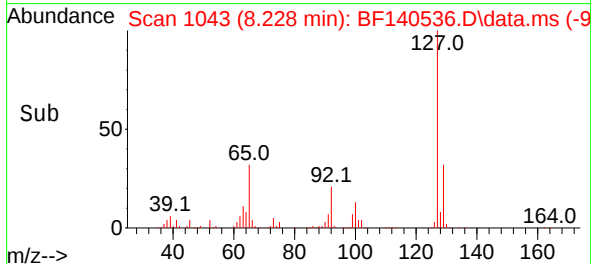
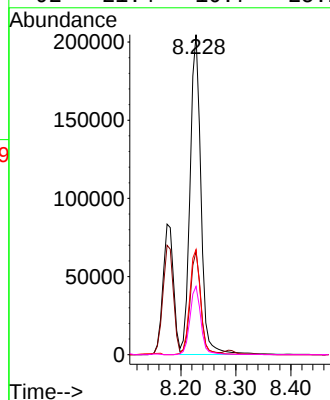
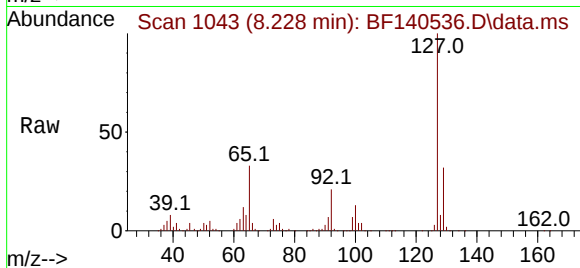
Ion Ratio Lower Upper

127 100

129 32.3 26.0 39.0

65 32.9 26.0 39.0

92 21.4 16.7 25.1



#34

Hexachlorobutadiene

Concen: 39.406 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

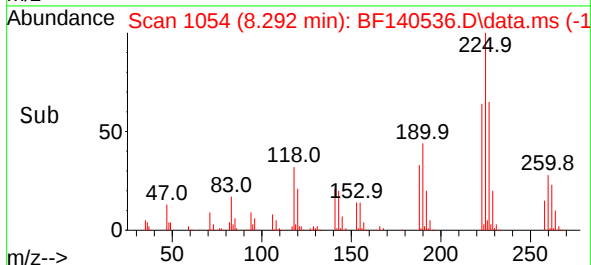
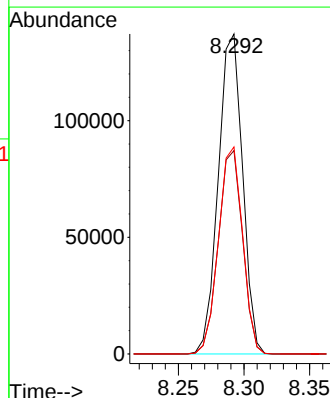
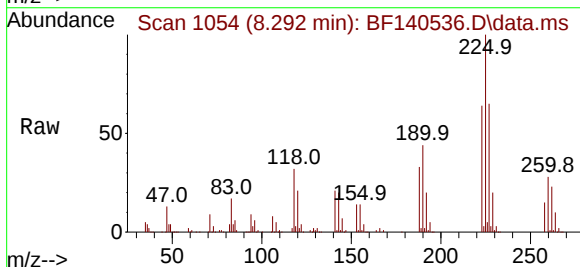
Tgt Ion:225 Resp: 176676

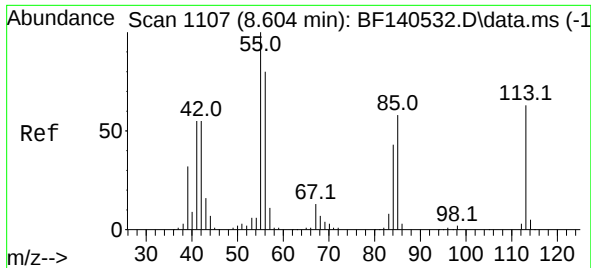
Ion Ratio Lower Upper

225 100

223 63.5 49.8 74.8

227 64.7 51.3 76.9





#35

Caprolactam

Concen: 40.381 ng

RT: 8.604 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

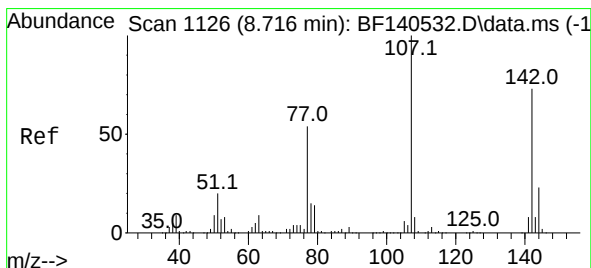
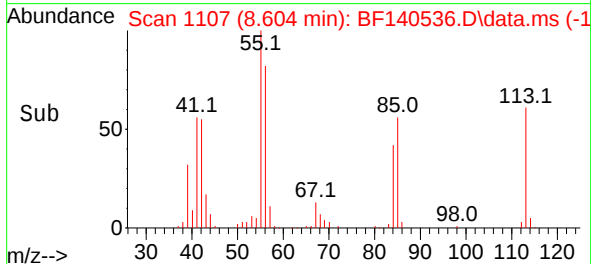
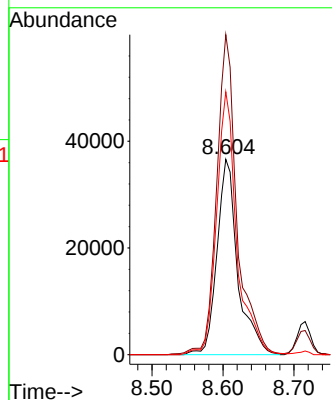
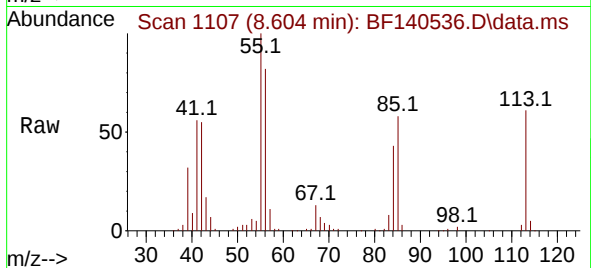
Tgt Ion:113 Resp: 74088

Ion Ratio Lower Upper

113 100

55 163.7 137.7 177.7

56 134.5 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 40.203 ng

RT: 8.716 min Scan# 1126

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

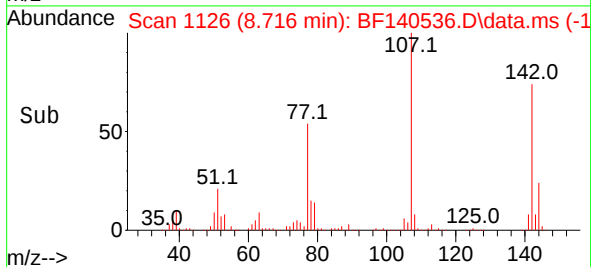
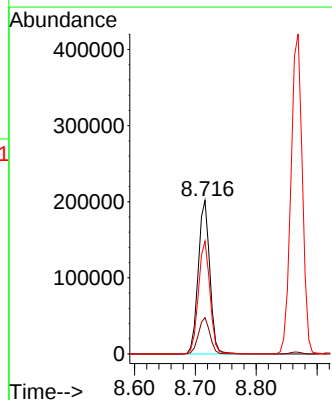
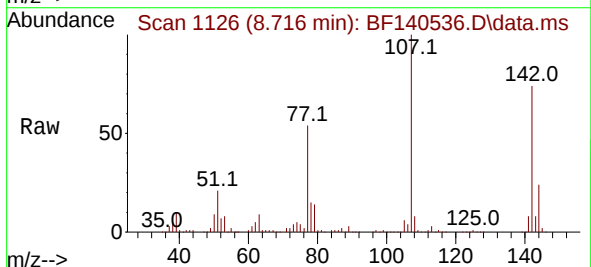
Tgt Ion:107 Resp: 266862

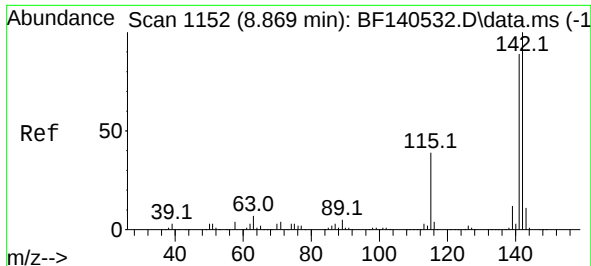
Ion Ratio Lower Upper

107 100

144 23.7 18.7 28.1

142 73.5 58.3 87.5





#37

2-Methylnaphthalene

Concen: 39.987 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

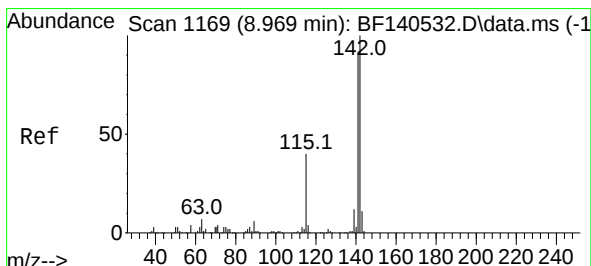
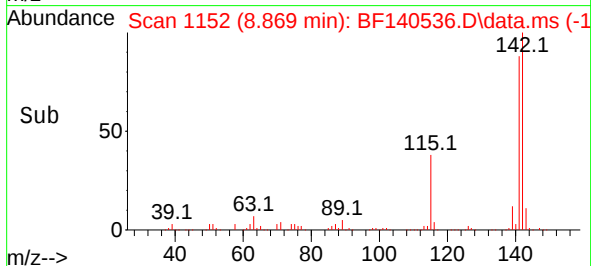
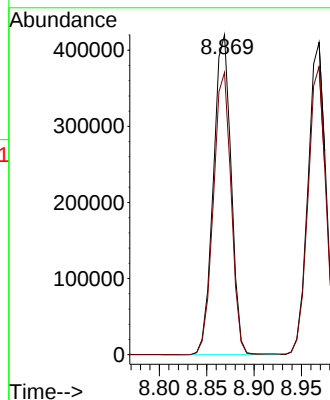
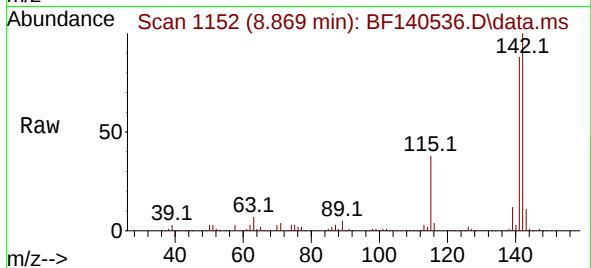
ICVBF112124

Tgt Ion:142 Resp: 546332

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.688 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140536.D

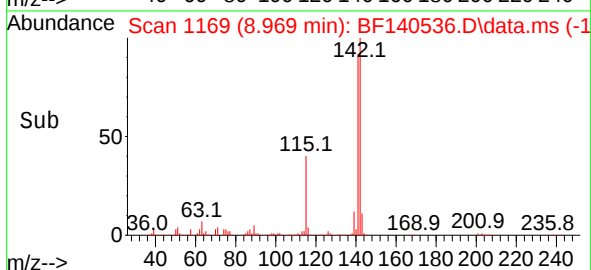
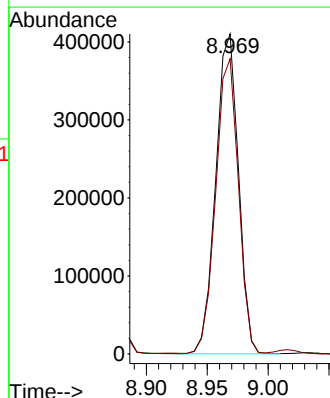
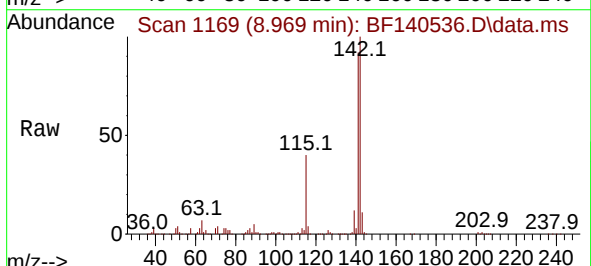
Acq: 21 Nov 2024 15:07

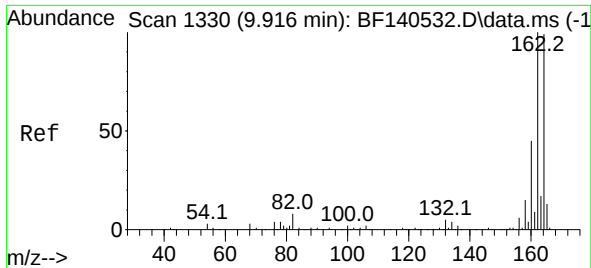
Tgt Ion:142 Resp: 531502

Ion Ratio Lower Upper

142 100

141 92.3 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

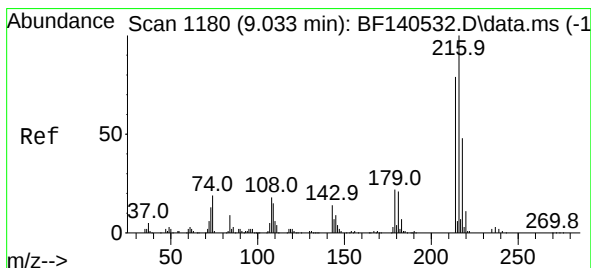
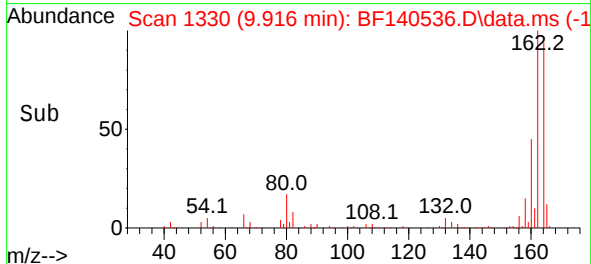
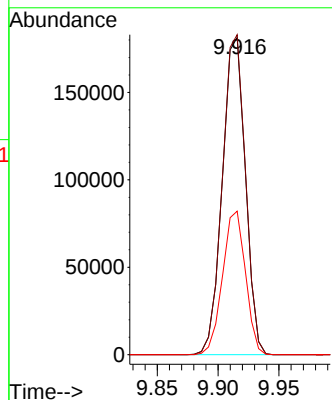
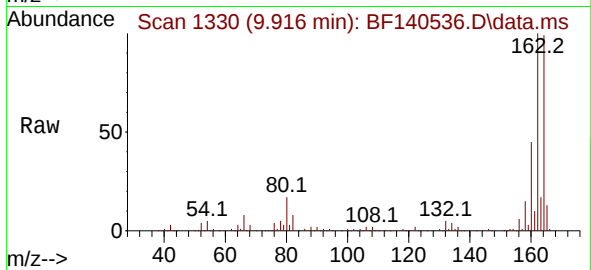
Tgt Ion:164 Resp: 239418

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.824 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:216 Resp: 272114

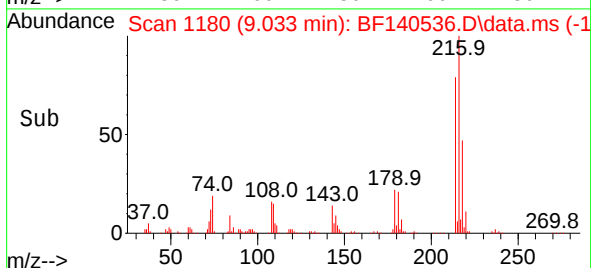
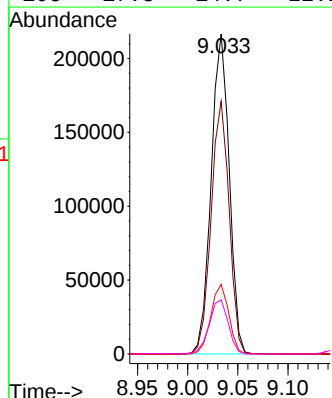
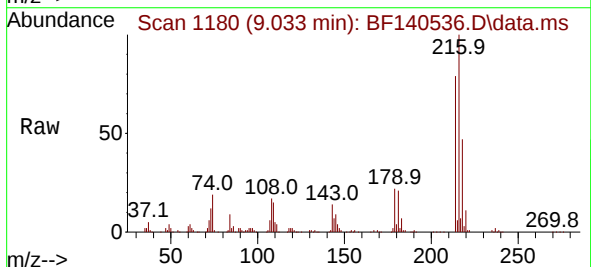
Ion Ratio Lower Upper

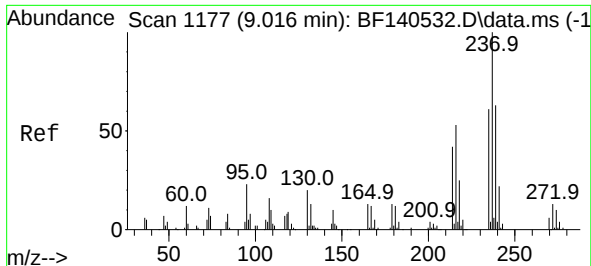
216 100

214 78.5 63.0 94.4

179 21.6 17.5 26.3

108 17.8 14.7 22.1

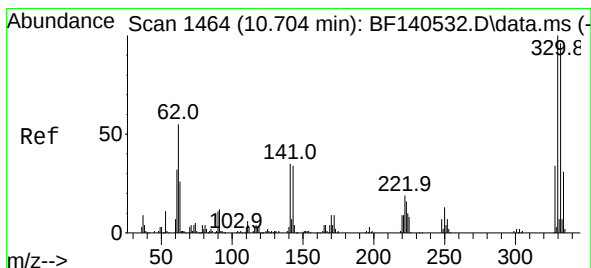
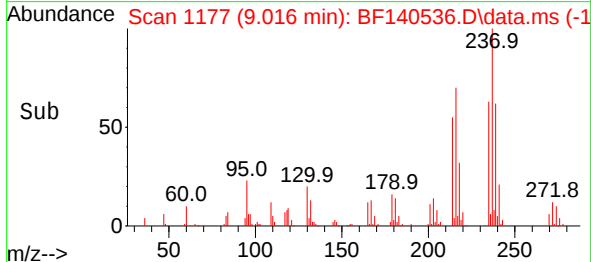
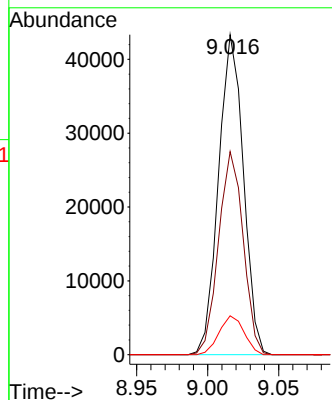
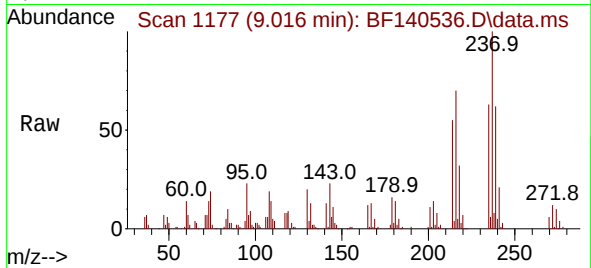




#41
Hexachlorocyclopentadiene
Concen: 37.711 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

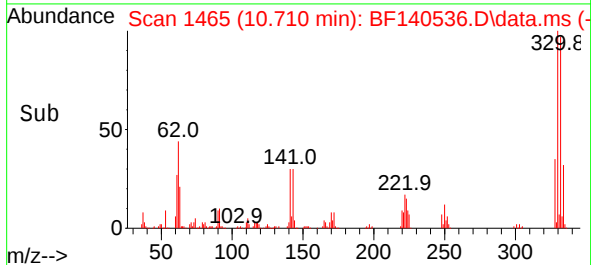
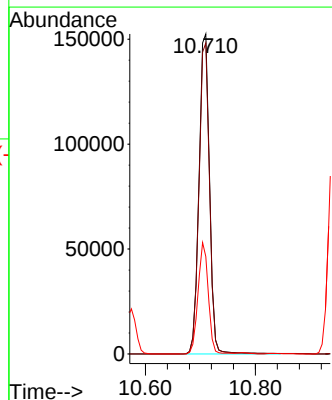
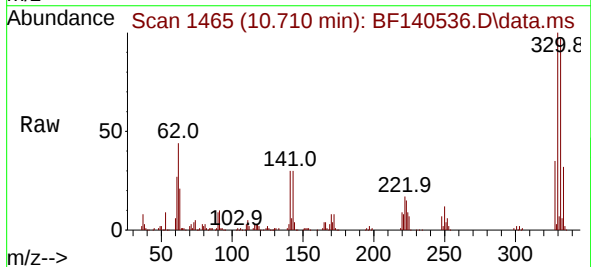
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

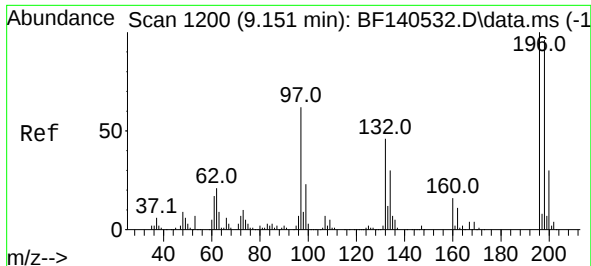
Tgt Ion:237 Resp: 52730
Ion Ratio Lower Upper
237 100
235 63.4 41.1 81.1
272 12.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 79.677 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:330 Resp: 204020
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 33.7 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 39.390 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

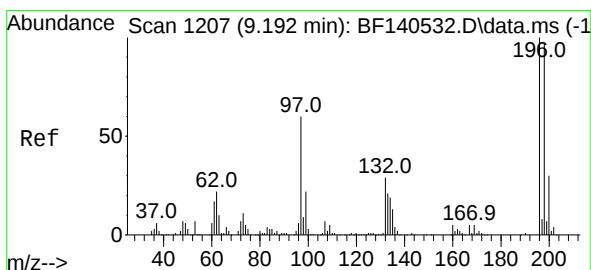
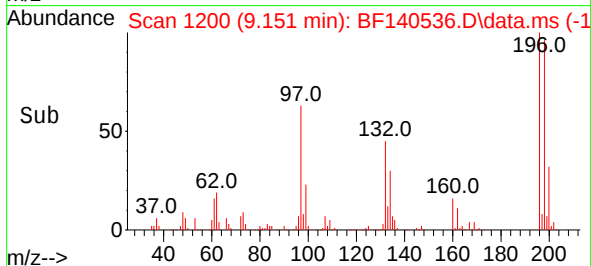
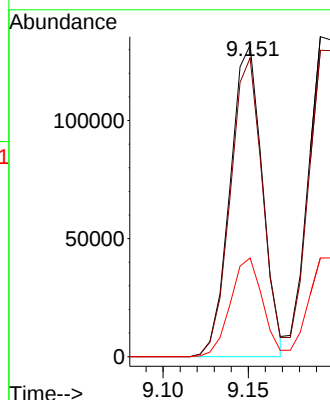
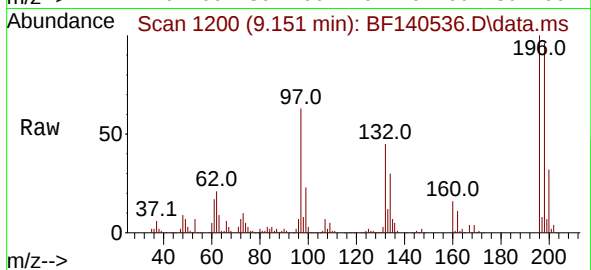
Tgt Ion:196 Resp: 173239

Ion Ratio Lower Upper

196 100

198 95.9 76.8 115.2

200 31.7 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 40.302 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:196 Resp: 192368

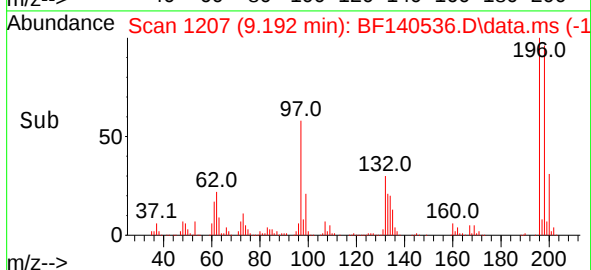
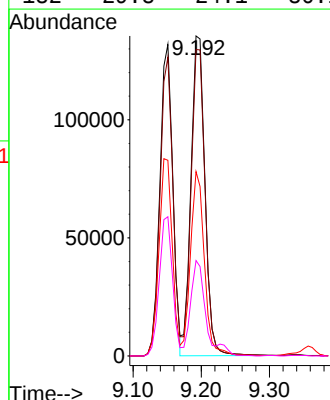
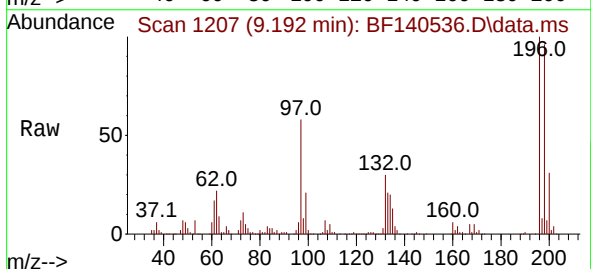
Ion Ratio Lower Upper

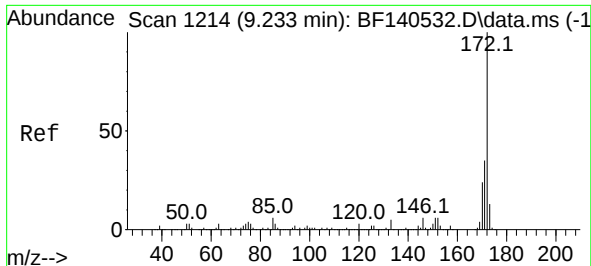
196 100

198 95.7 77.2 115.8

97 57.6 47.1 70.7

132 29.8 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 76.390 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

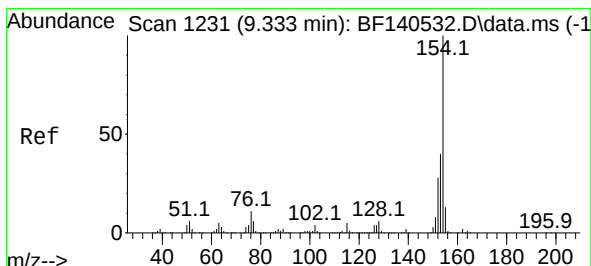
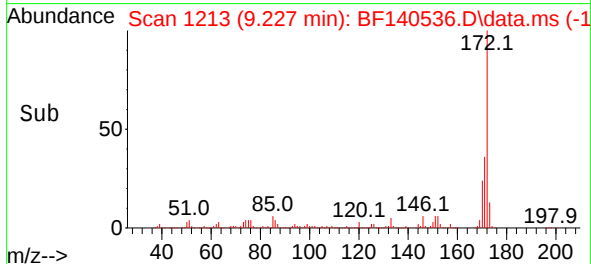
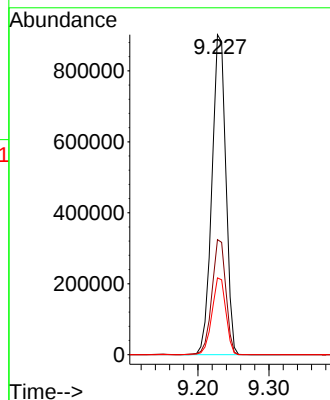
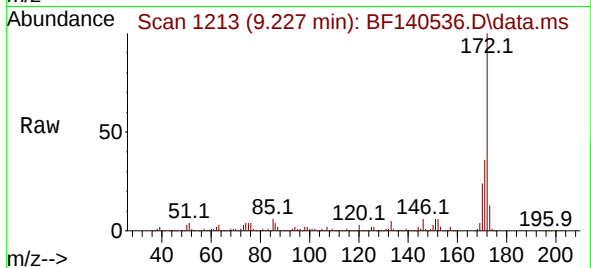
Tgt Ion:172 Resp: 1227501

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 38.769 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

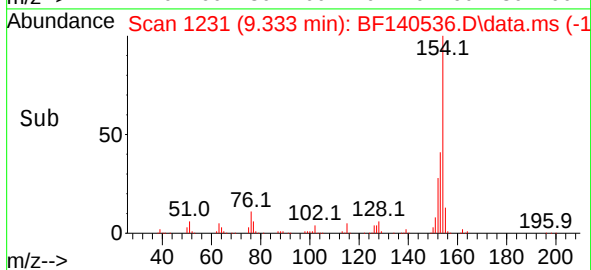
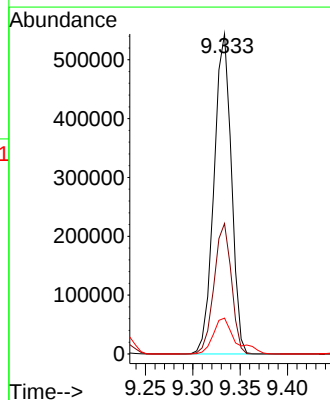
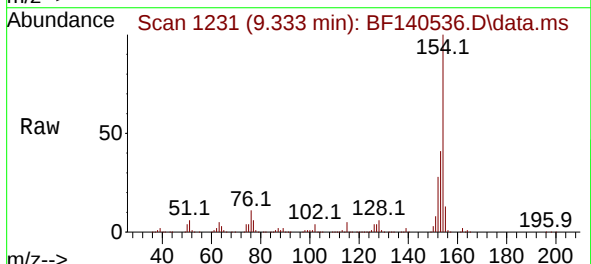
Tgt Ion:154 Resp: 693007

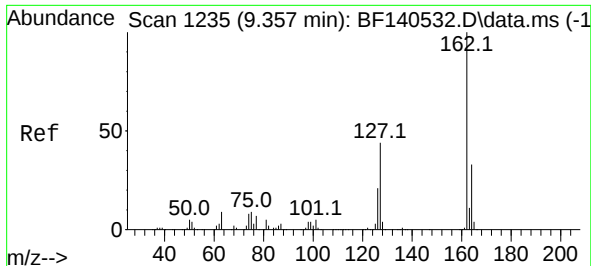
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.197 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

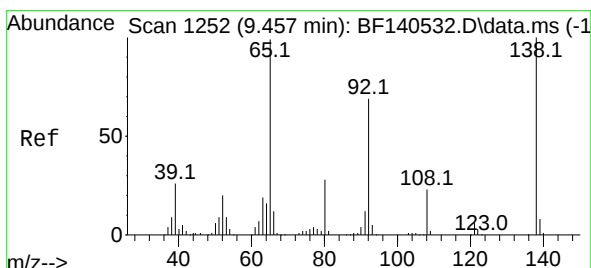
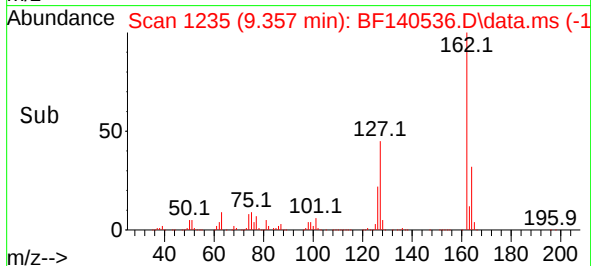
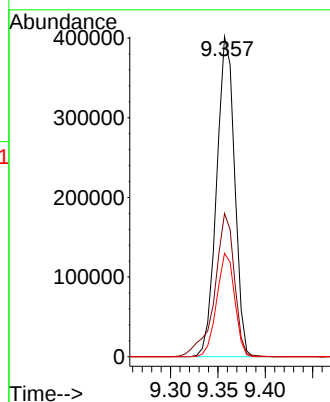
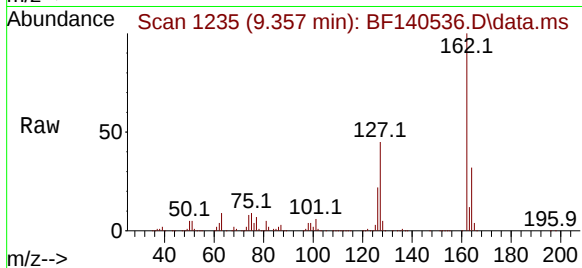
Tgt Ion:162 Resp: 530895

Ion Ratio Lower Upper

162 100

127 44.8 35.7 53.5

164 32.3 26.1 39.1



#48

2-Nitroaniline

Concen: 40.037 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

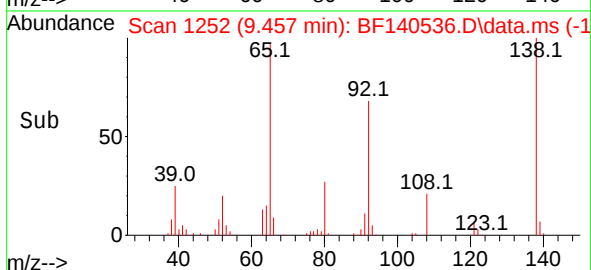
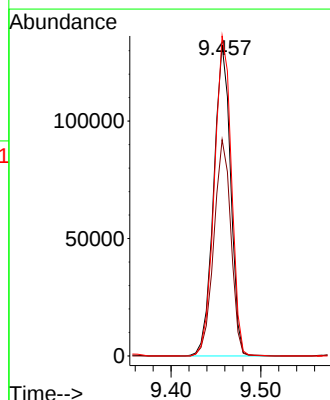
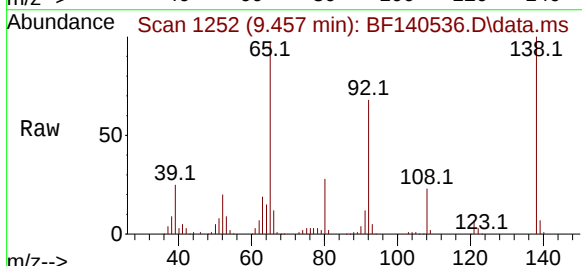
Tgt Ion: 65 Resp: 174060

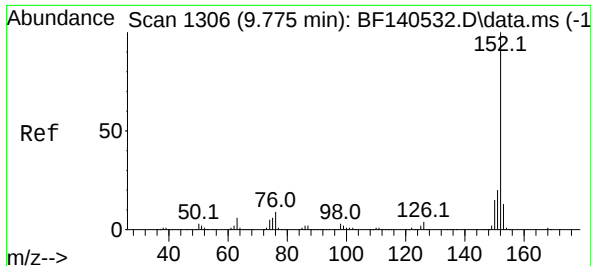
Ion Ratio Lower Upper

65 100

92 69.5 56.1 84.1

138 102.8 81.0 121.6





#49

Acenaphthylene

Concen: 38.850 ng

RT: 9.774 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

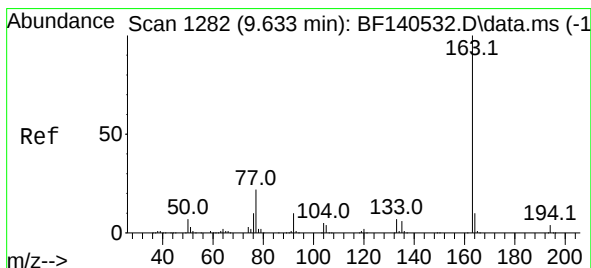
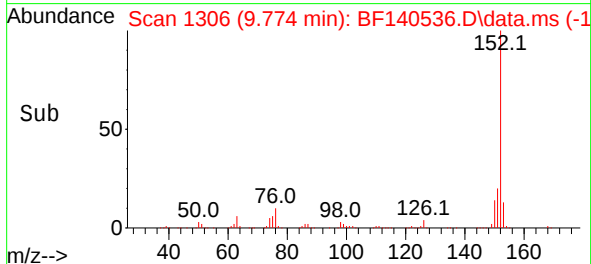
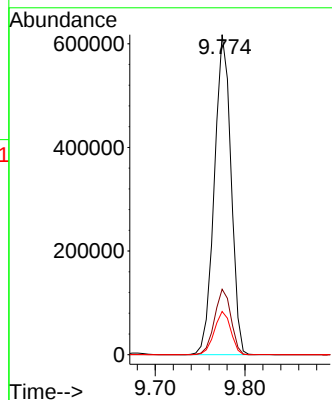
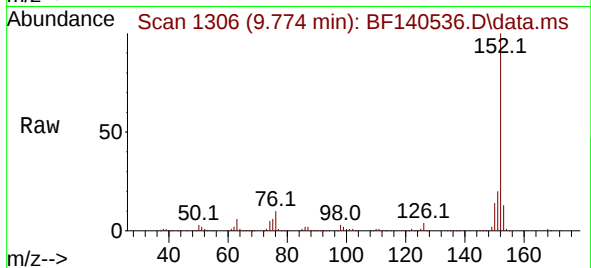
Tgt Ion:152 Resp: 795061

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.5 10.6 16.0



#50

Dimethylphthalate

Concen: 39.591 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

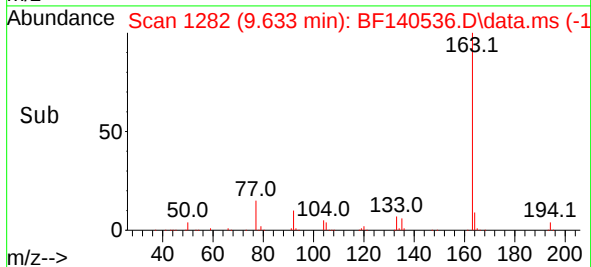
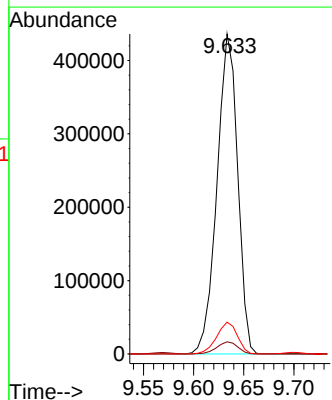
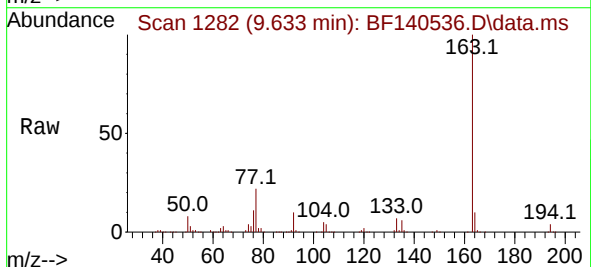
Tgt Ion:163 Resp: 624268

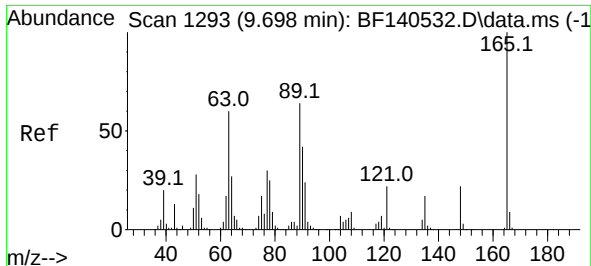
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 9.9 8.2 12.2

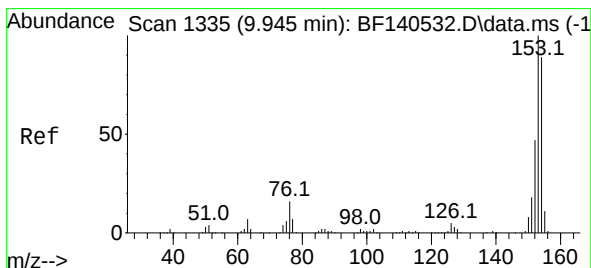
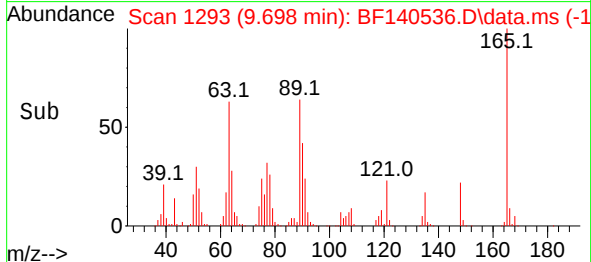
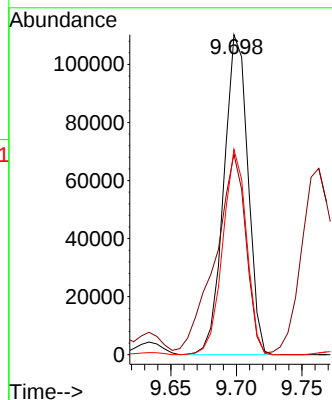
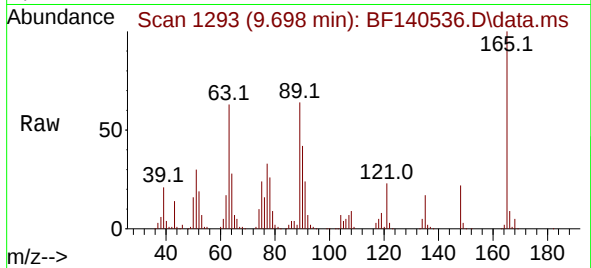




#51
2,6-Dinitrotoluene
Concen: 39.356 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

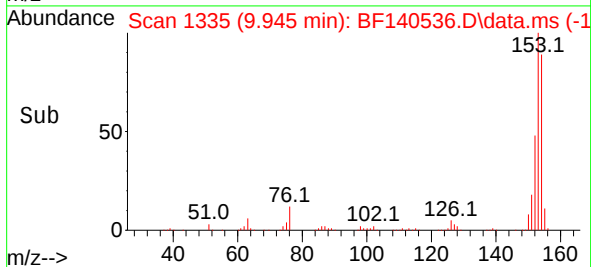
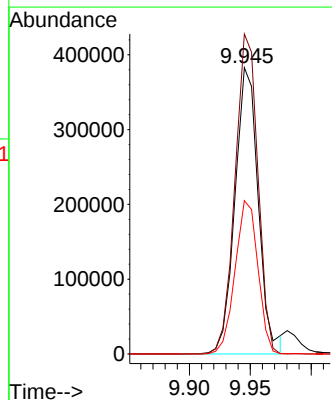
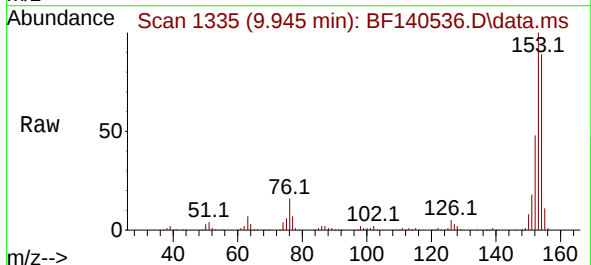
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

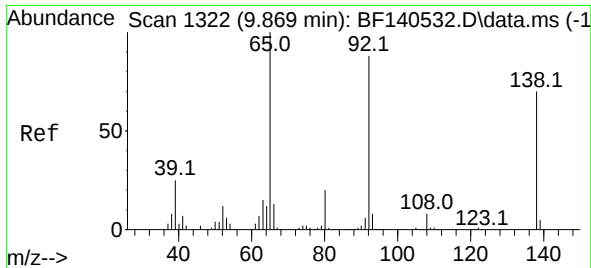
Tgt Ion:165 Resp: 140739
Ion Ratio Lower Upper
165 100
63 62.6 49.9 74.9
89 64.1 50.9 76.3



#52
Acenaphthene
Concen: 39.243 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:154 Resp: 510276
Ion Ratio Lower Upper
154 100
153 111.8 89.7 134.5
152 53.6 42.5 63.7

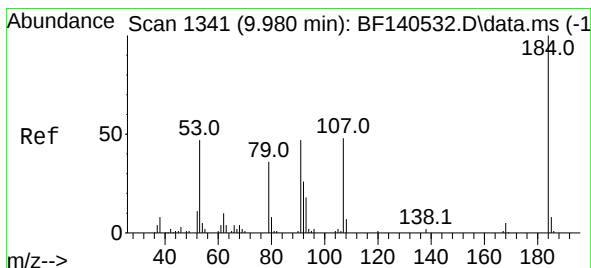
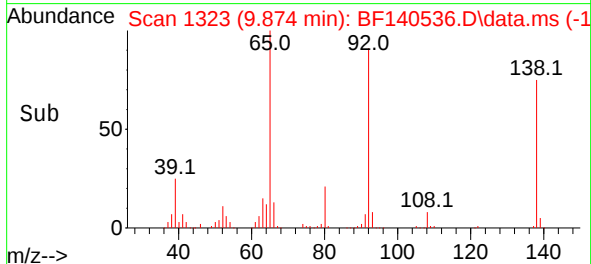
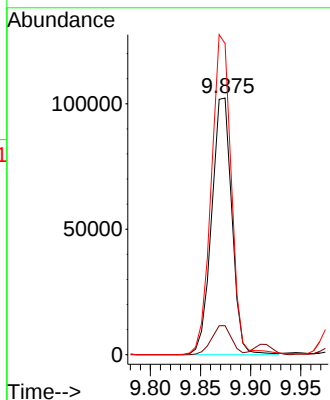
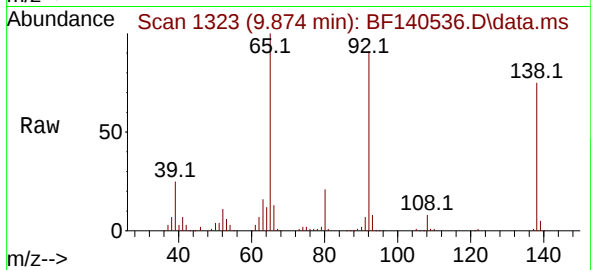




#53
3-Nitroaniline
Concen: 40.901 ng
RT: 9.874 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

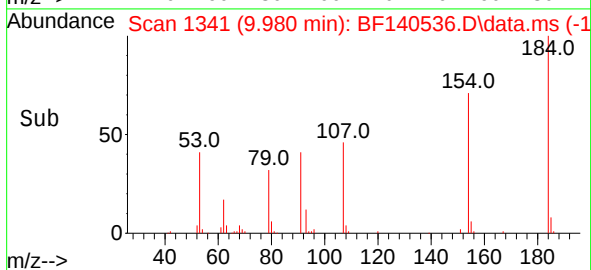
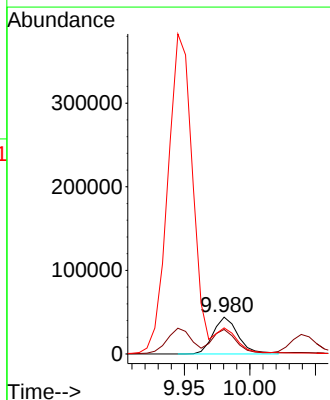
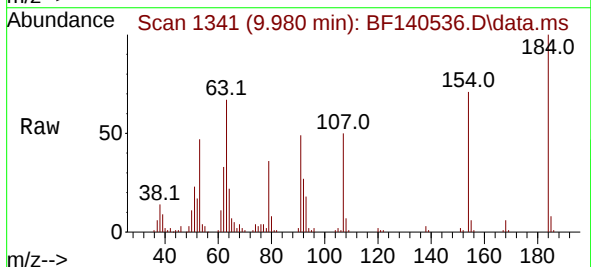
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

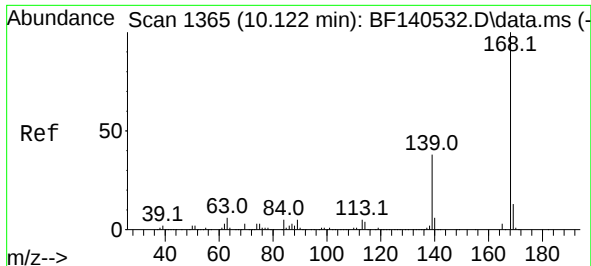
Tgt Ion:138 Resp: 143055
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 121.3 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 36.341 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:184 Resp: 58542
Ion Ratio Lower Upper
184 100
63 66.6 54.1 81.1
154 71.0 57.4 86.0





#55

Dibenzenofuran

Concen: 38.644 ng

RT: 10.122 min Scan# 1365

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

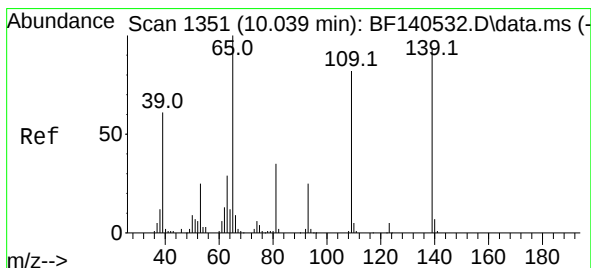
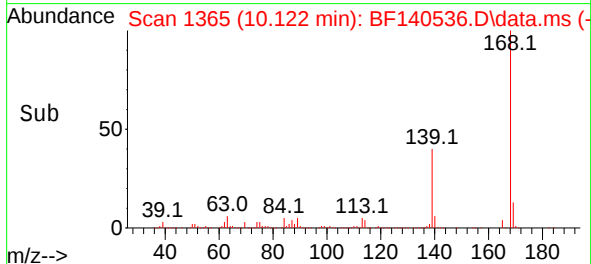
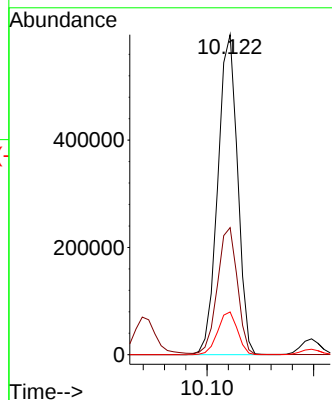
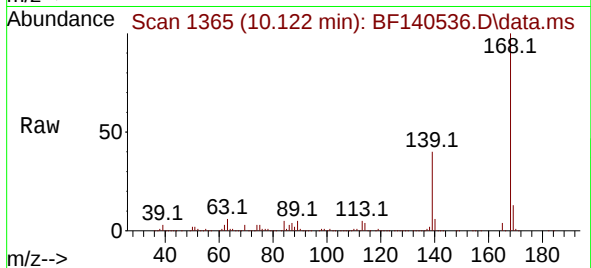
Tgt Ion:168 Resp: 766460

Ion Ratio Lower Upper

168 100

139 39.7 31.3 46.9

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 42.263 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

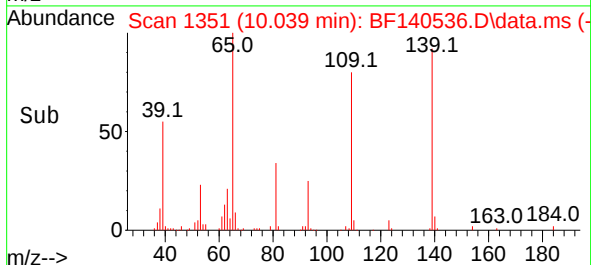
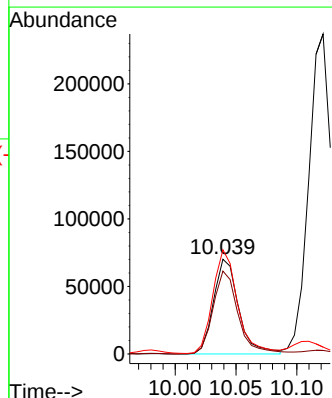
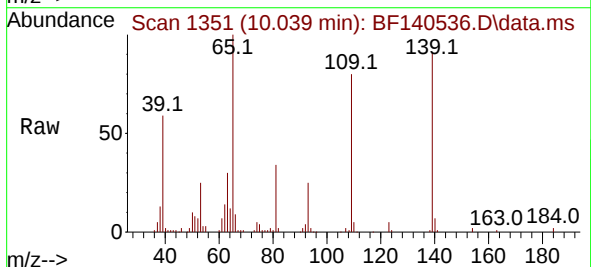
Tgt Ion:139 Resp: 100812

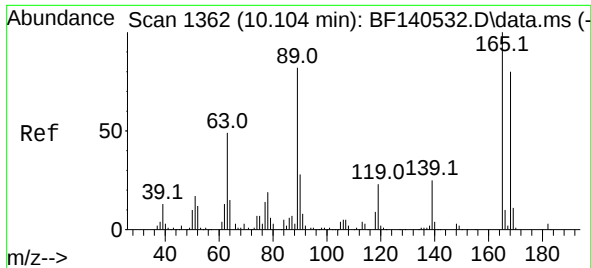
Ion Ratio Lower Upper

139 100

109 87.5 68.4 108.4

65 109.9 88.6 128.6

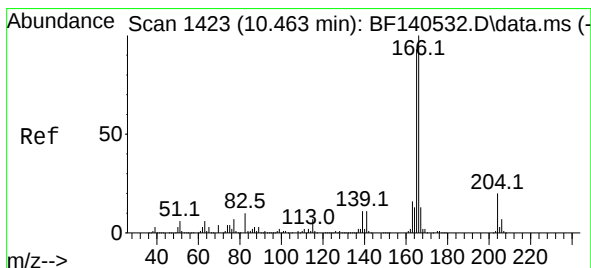
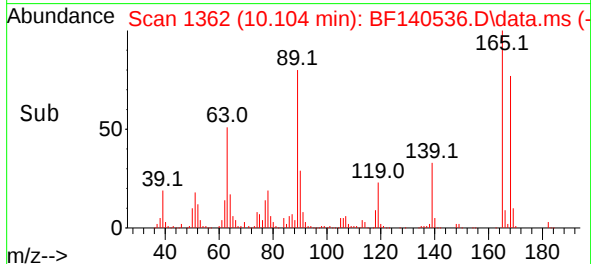
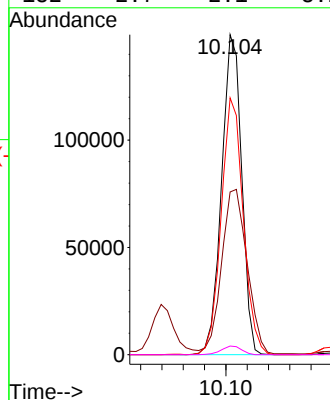
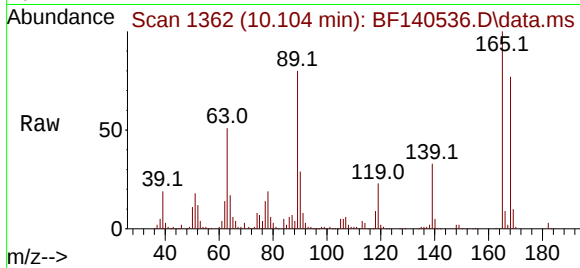




#57
2,4-Dinitrotoluene
Concen: 41.025 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

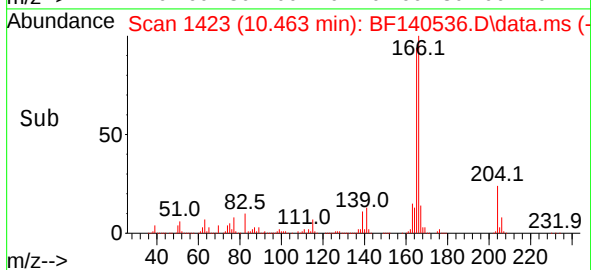
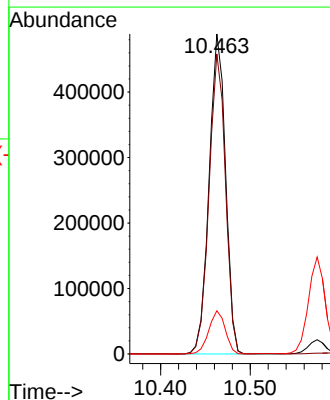
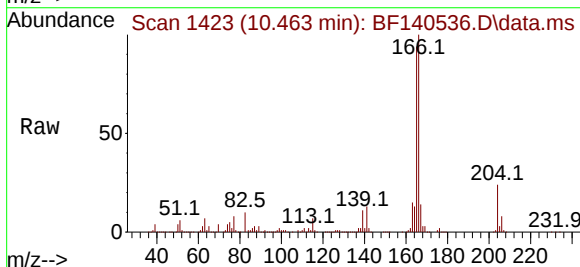
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

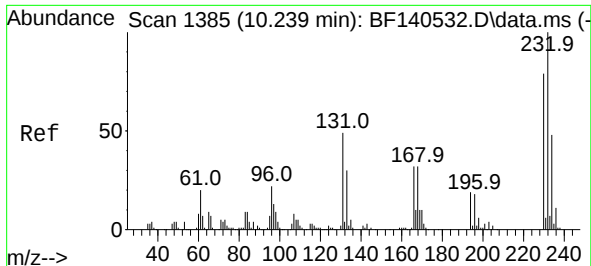
Tgt Ion:165 Resp: 194980
Ion Ratio Lower Upper
165 100
63 50.9 41.7 62.5
89 80.3 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 39.115 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

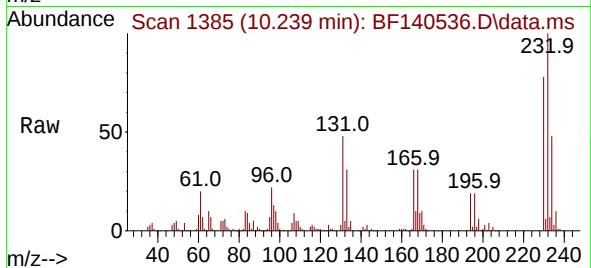
Tgt Ion:166 Resp: 622708
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 13.5 10.6 16.0



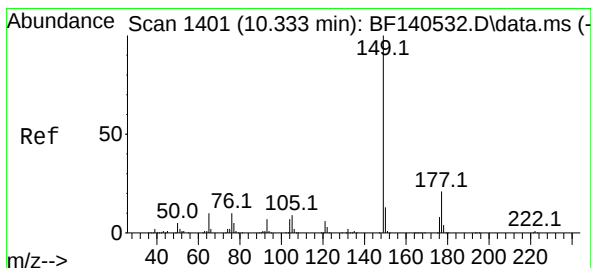
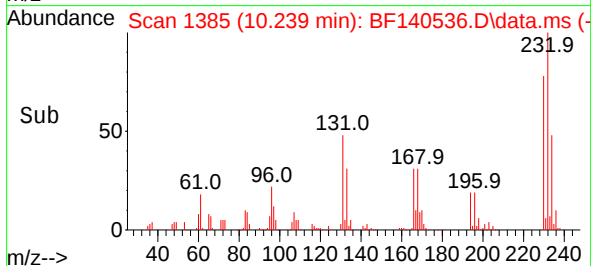
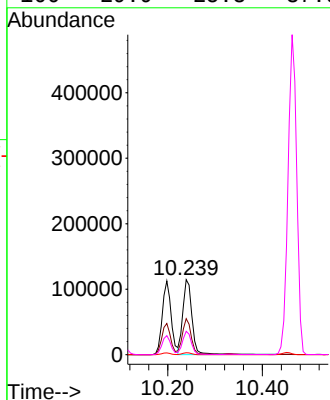


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.797 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

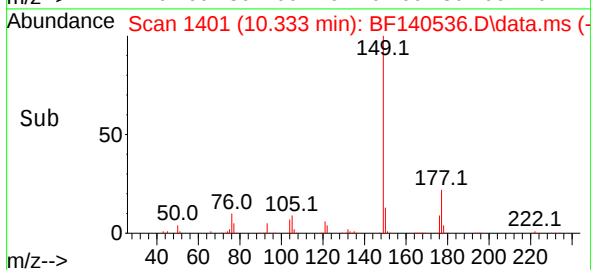
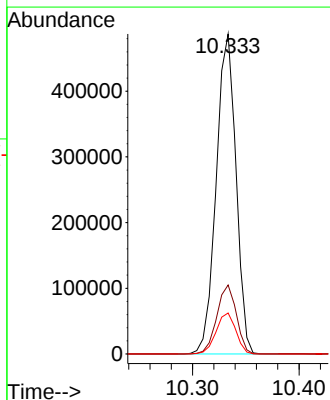
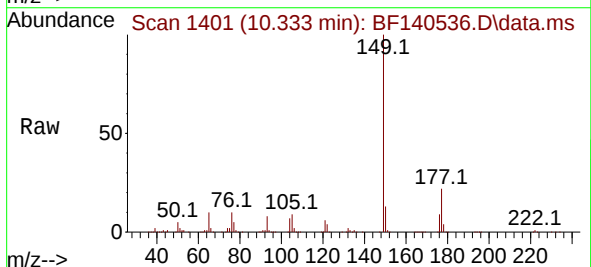


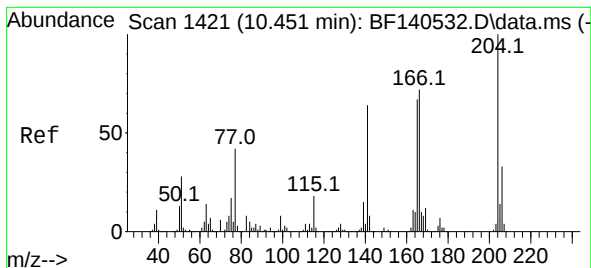
Tgt Ion:232 Resp: 153327
Ion Ratio Lower Upper
232 100
131 46.8 39.6 59.4
130 2.5 1.9 2.9
166 29.9 25.3 37.9



#60
Diethylphthalate
Concen: 39.078 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:149 Resp: 626046
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.8 10.1 15.1

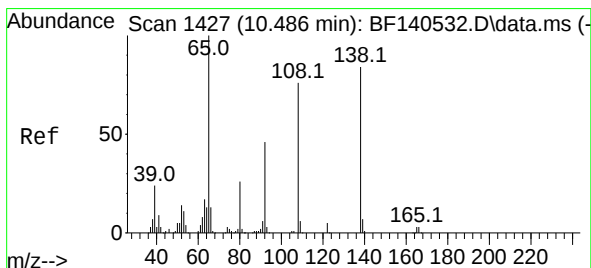
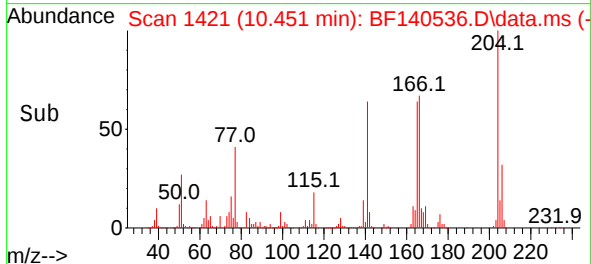
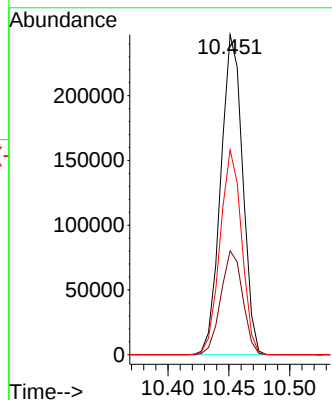
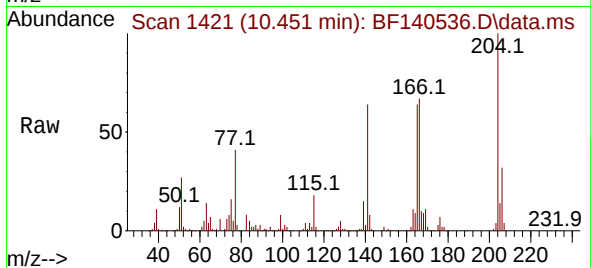




#61
4-Chlorophenyl-phenylether
Concen: 39.536 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

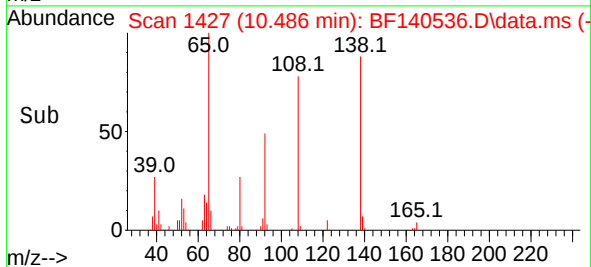
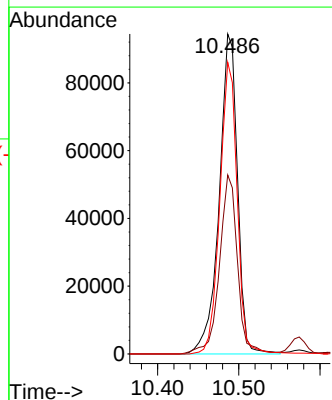
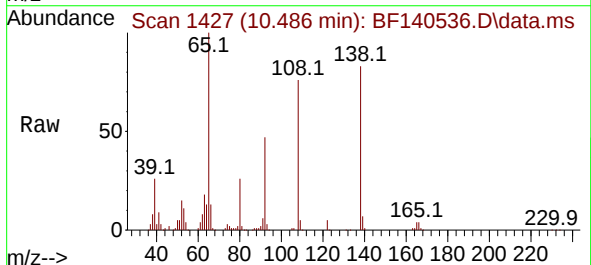
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

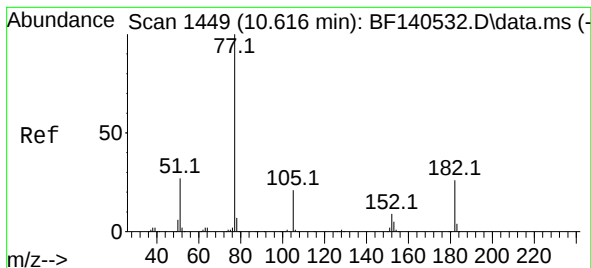
Tgt Ion:204 Resp: 308891
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 64.0 51.1 76.7



#62
4-Nitroaniline
Concen: 40.369 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:138 Resp: 148087
Ion Ratio Lower Upper
138 100
92 56.0 34.5 74.5
108 91.1 70.6 110.6





#63

Azobenzene

Concen: 39.396 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 77 Resp: 597687

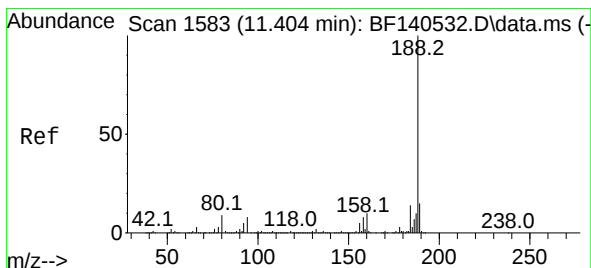
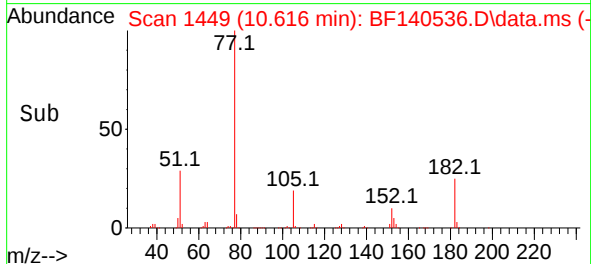
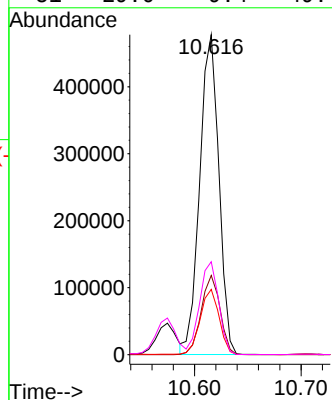
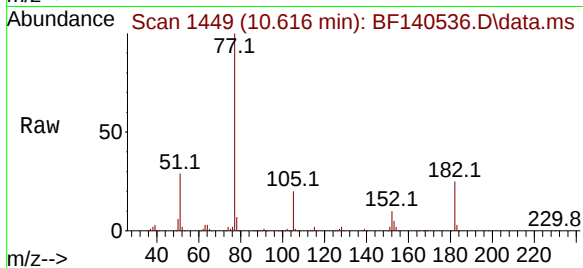
Ion Ratio Lower Upper

77 100

182 24.7 5.3 45.3

105 20.4 0.3 40.3

51 29.0 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

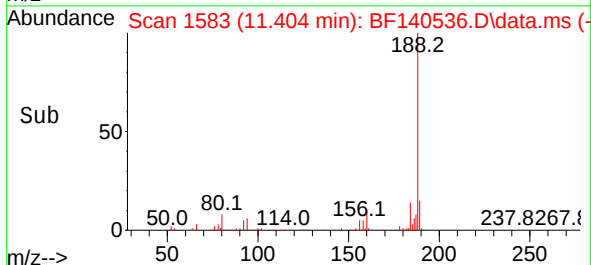
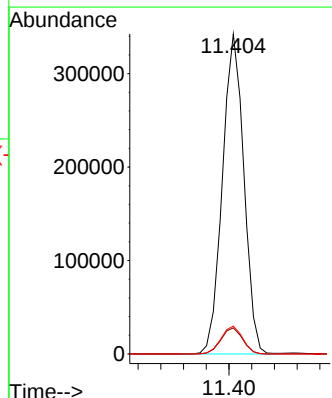
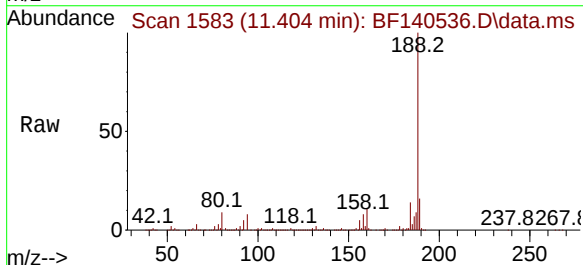
Tgt Ion: 188 Resp: 448820

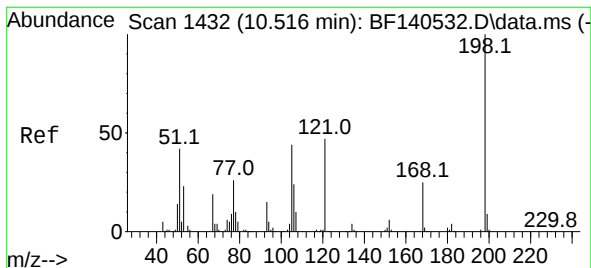
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.7 6.9 10.3

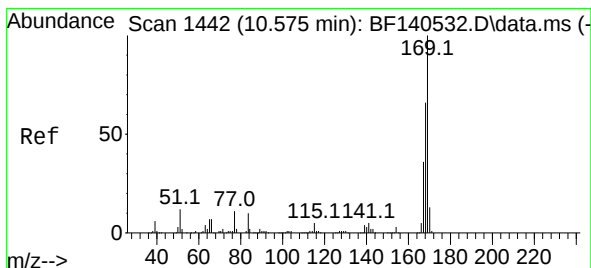
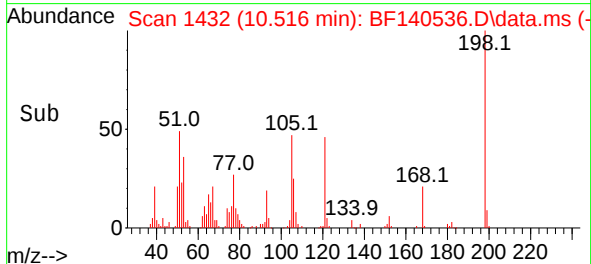
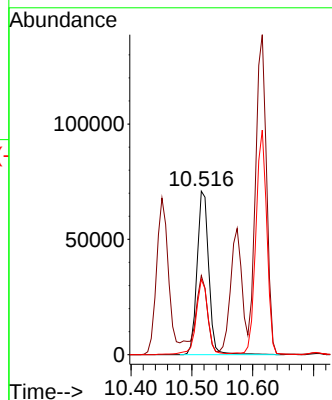
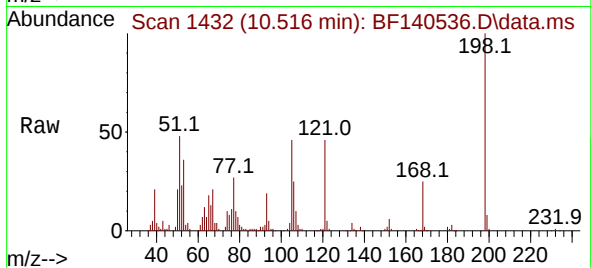




#65
4,6-Dinitro-2-methylphenol
Concen: 41.134 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

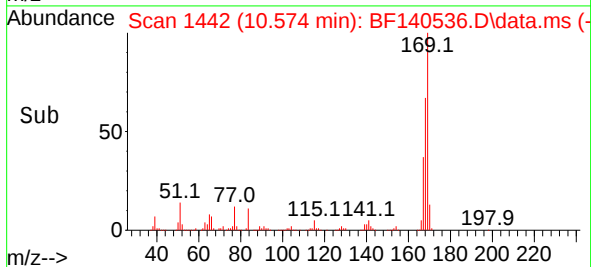
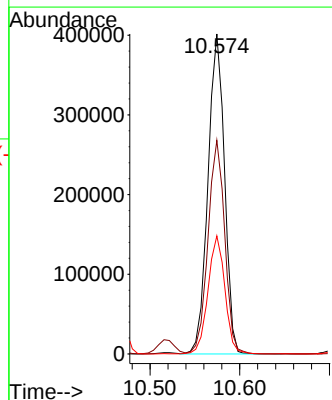
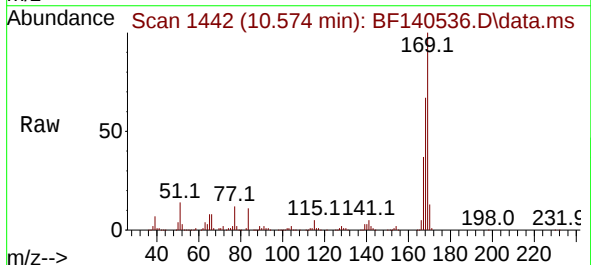
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

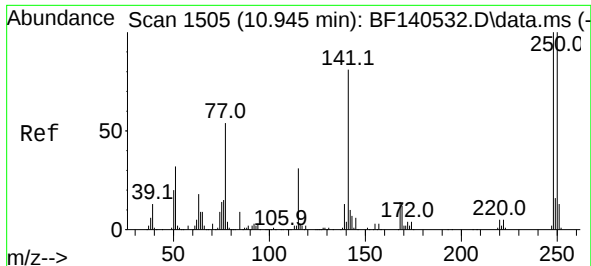
Tgt Ion:198 Resp: 94340
Ion Ratio Lower Upper
198 100
51 48.3 29.4 69.4
105 46.2 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 38.723 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:169 Resp: 513960
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.9 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 38.977 ng

RT: 10.945 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

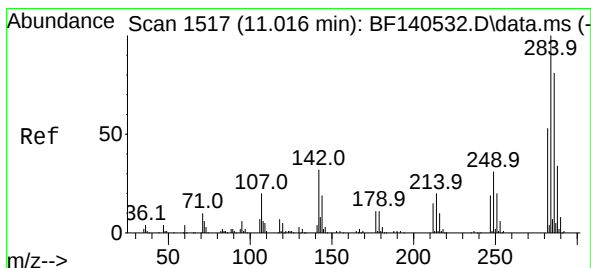
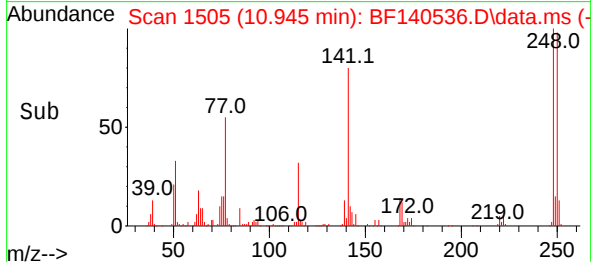
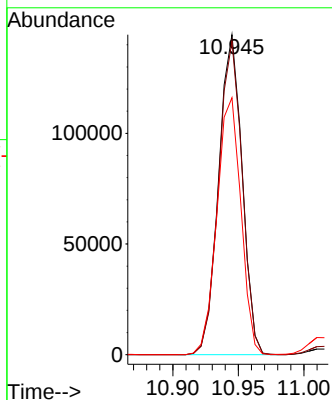
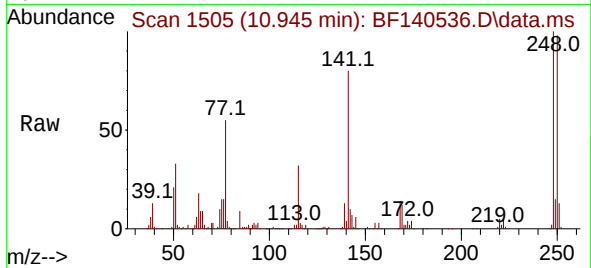
Tgt Ion:248 Resp: 180160

Ion Ratio Lower Upper

248 100

250 98.0 79.8 119.8

141 80.3 64.7 97.1



#68

Hexachlorobenzene

Concen: 38.974 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

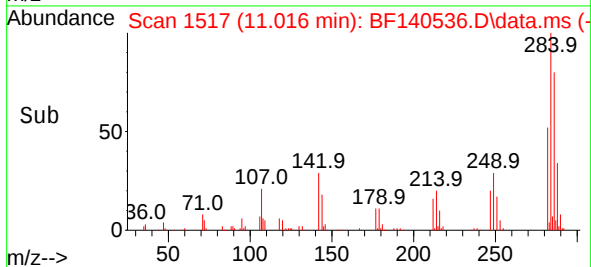
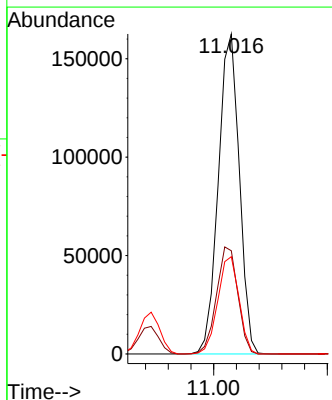
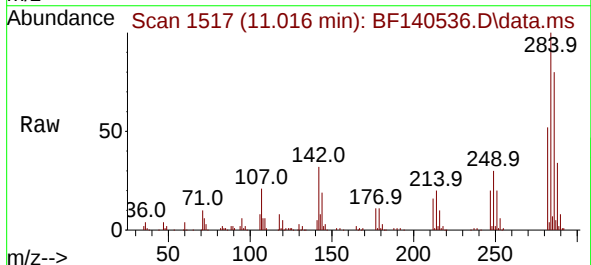
Tgt Ion:284 Resp: 208589

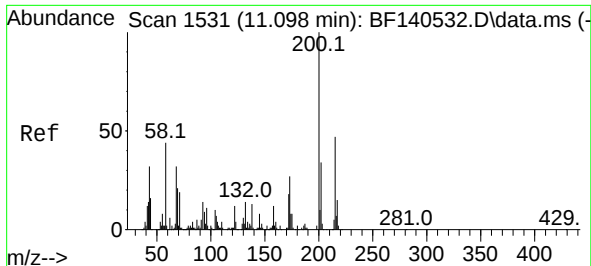
Ion Ratio Lower Upper

284 100

142 32.2 25.3 37.9

249 30.4 24.8 37.2





#69

Atrazine

Concen: 34.643 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

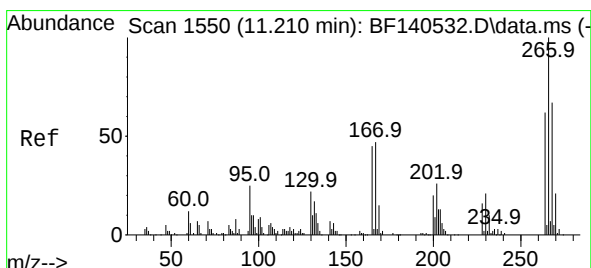
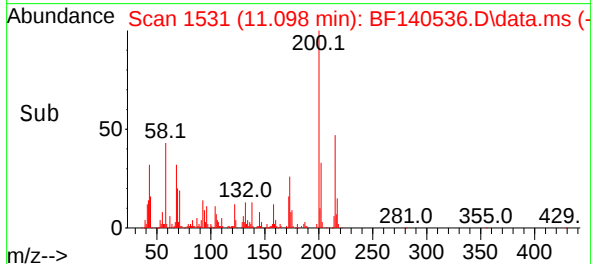
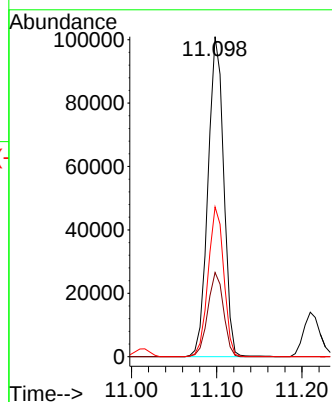
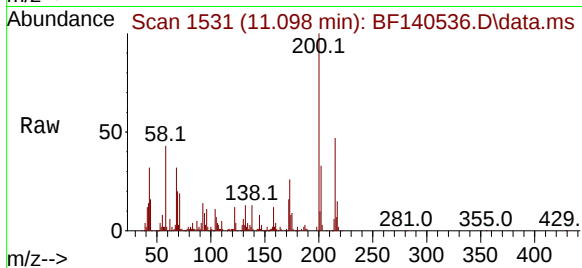
Tgt Ion:200 Resp: 129353

Ion Ratio Lower Upper

200 100

173 26.3 7.0 47.0

215 46.8 26.7 66.7



#70

Pentachlorophenol

Concen: 42.779 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

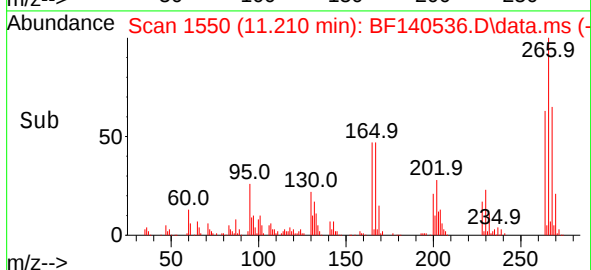
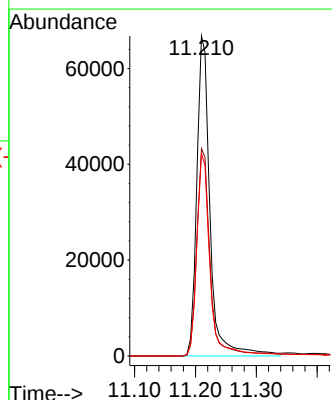
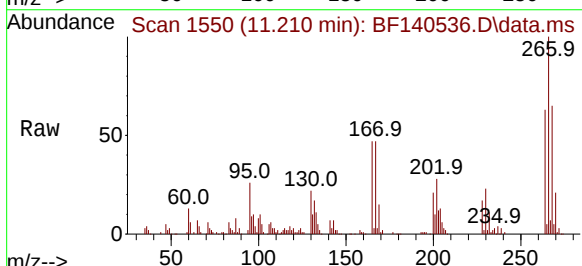
Tgt Ion:266 Resp: 100767

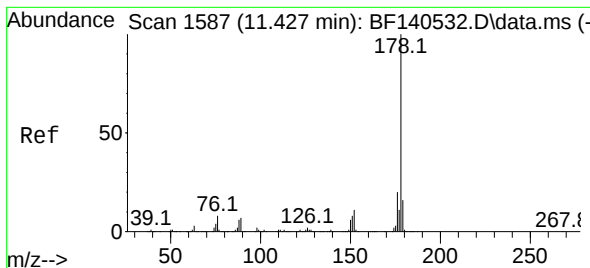
Ion Ratio Lower Upper

266 100

268 64.8 53.7 80.5

264 63.3 49.8 74.8





#71

Phenanthrene

Concen: 38.861 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

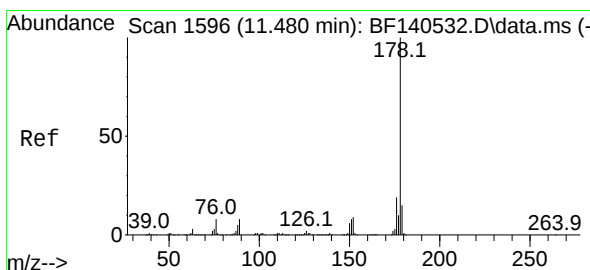
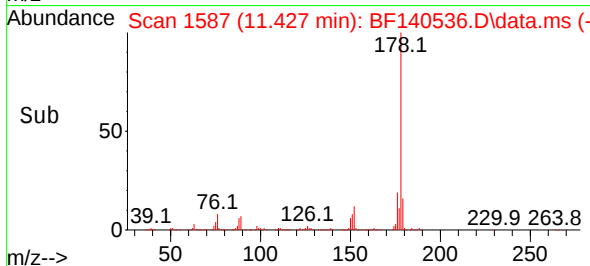
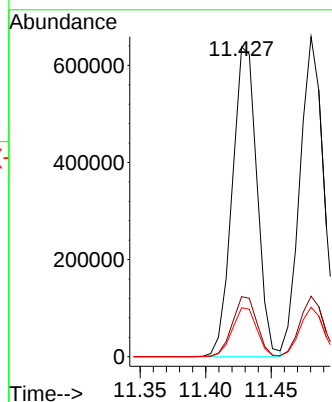
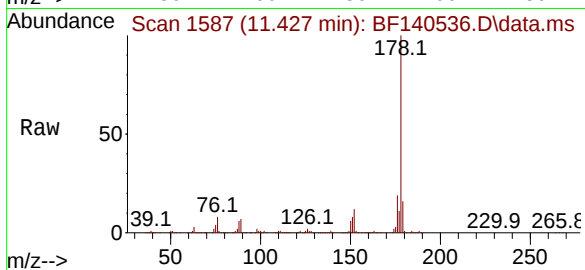
Tgt Ion:178 Resp: 838392

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

179 15.8 12.4 18.6



#72

Anthracene

Concen: 38.829 ng

RT: 11.480 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

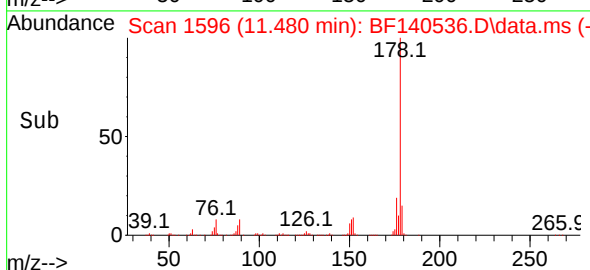
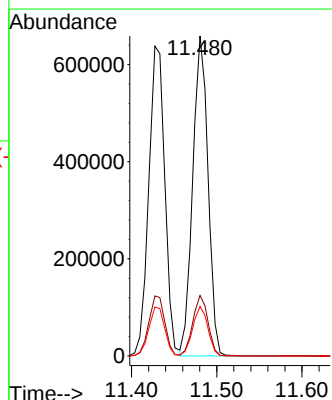
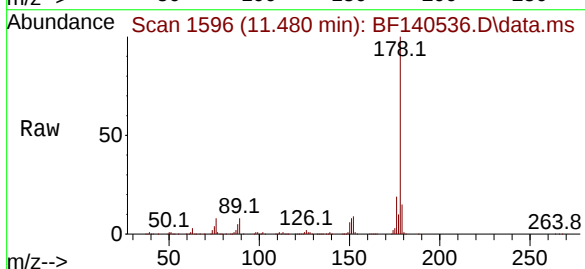
Tgt Ion:178 Resp: 819442

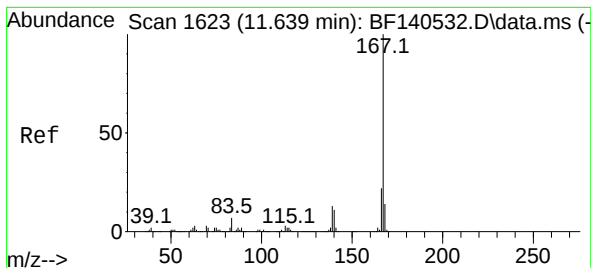
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.5 12.2 18.4





#73

Carbazole

Concen: 39.207 ng

RT: 11.639 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

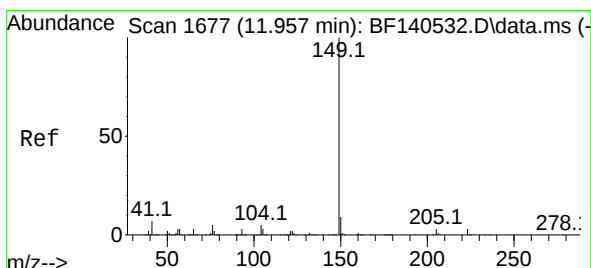
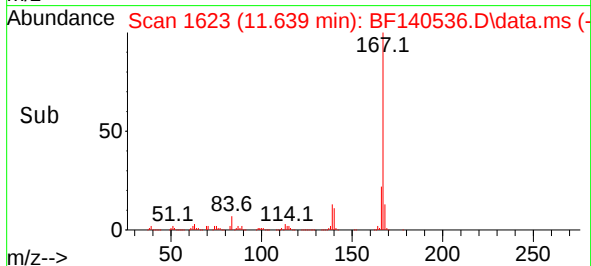
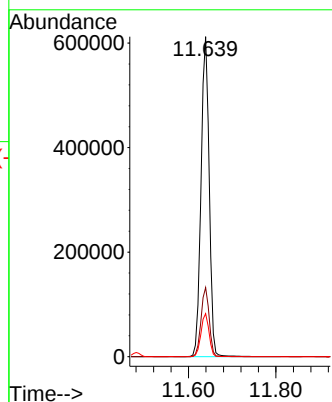
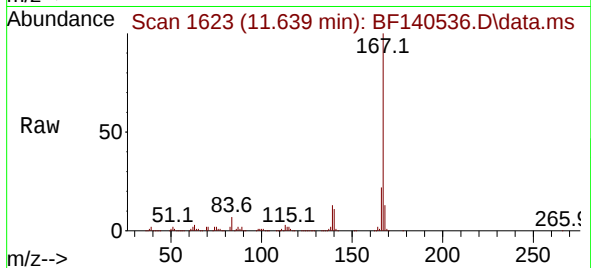
Tgt Ion:167 Resp: 795975

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 39.765 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

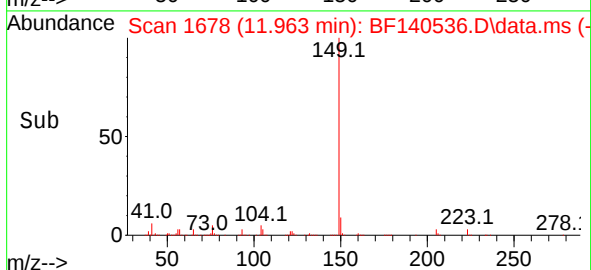
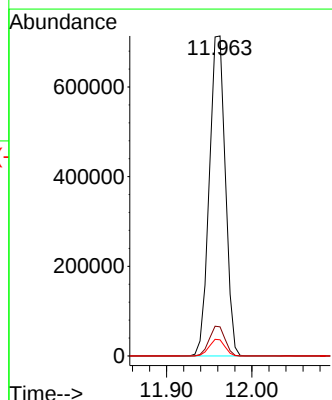
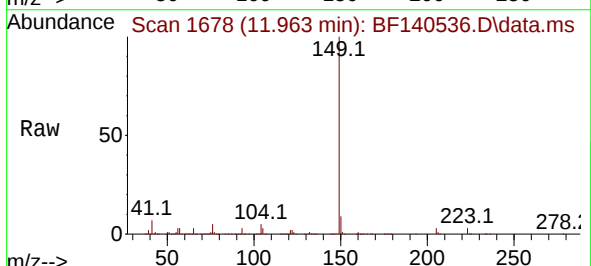
Tgt Ion:149 Resp: 932026

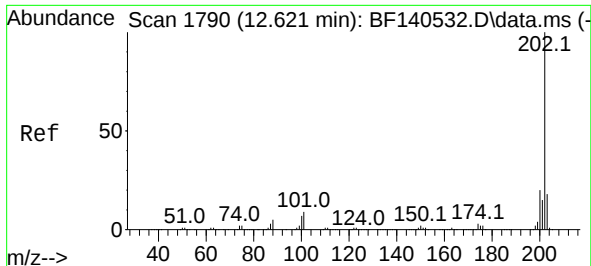
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 5.1 4.1 6.1

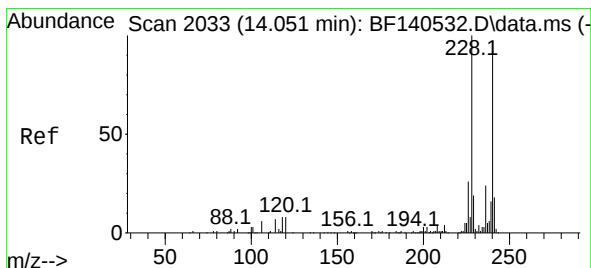
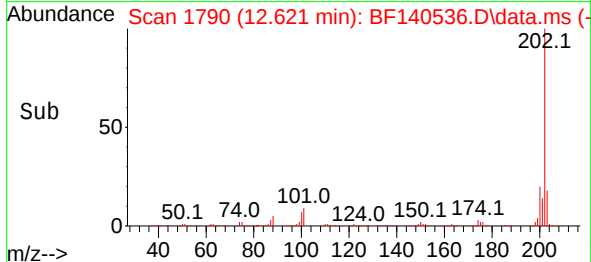
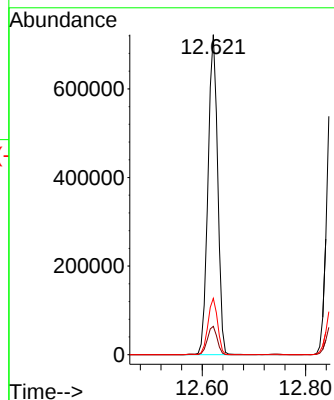
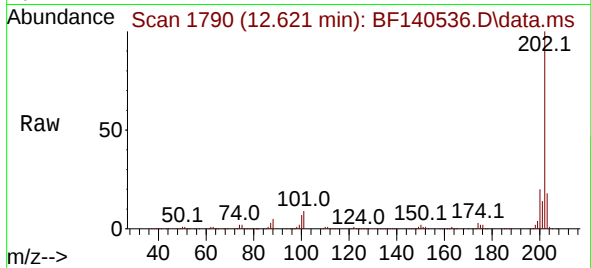




#75
Fluoranthene
Concen: 40.002 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

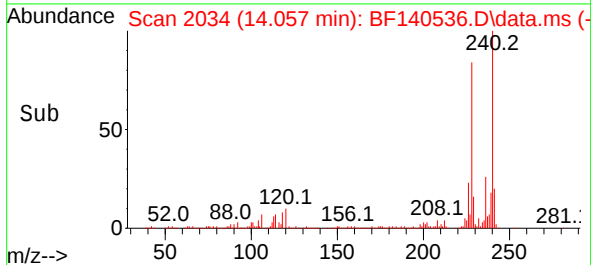
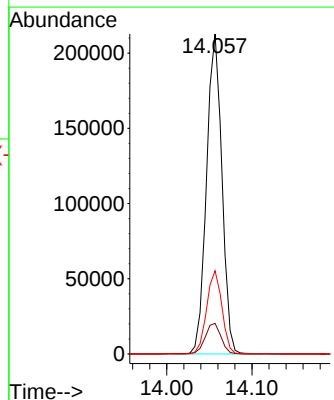
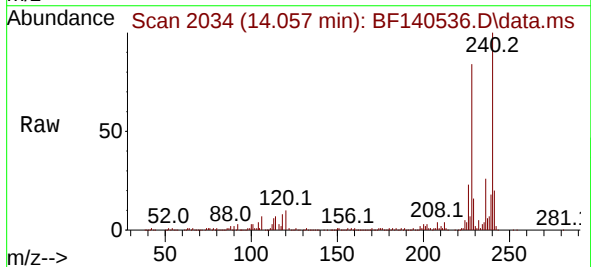
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

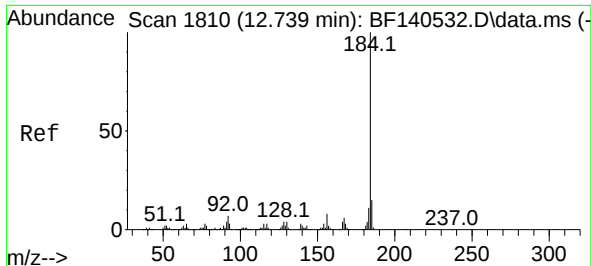
Tgt Ion:202 Resp: 937019
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:240 Resp: 266538
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.0 20.6 31.0

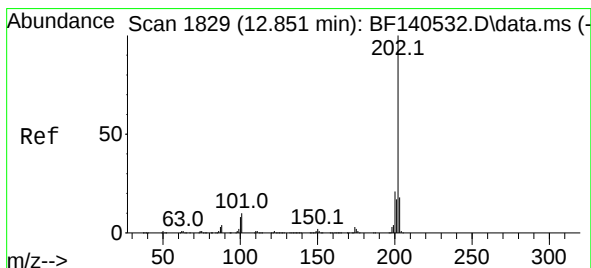
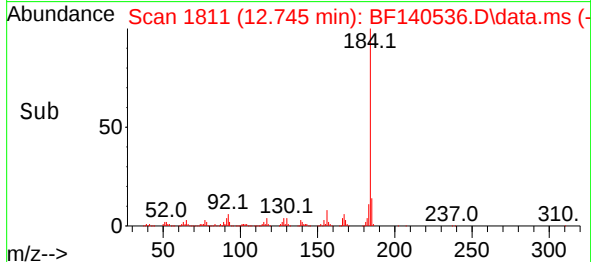
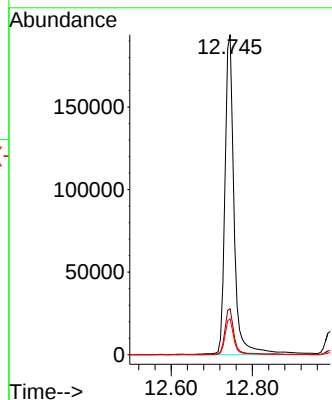
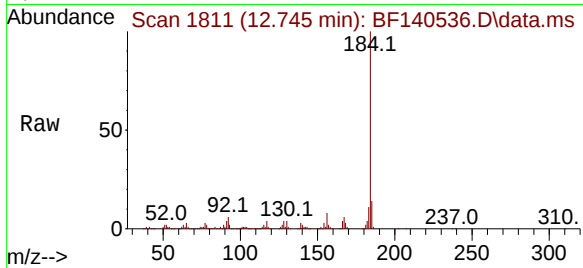




#77
Benzidine
Concen: 39.351 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

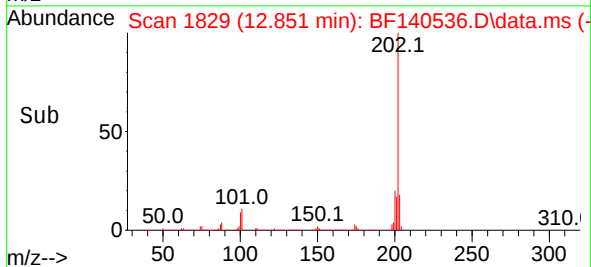
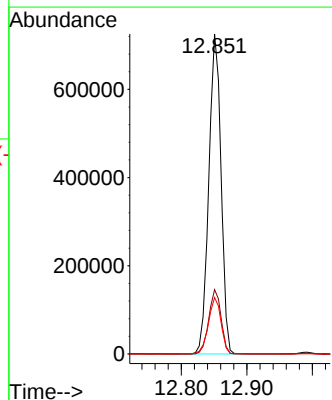
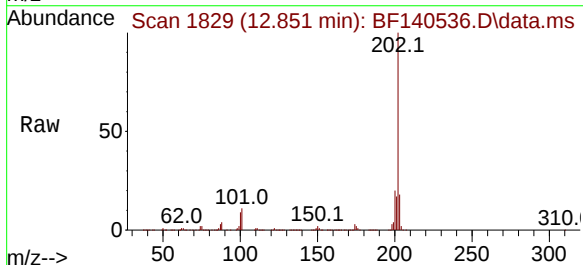
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

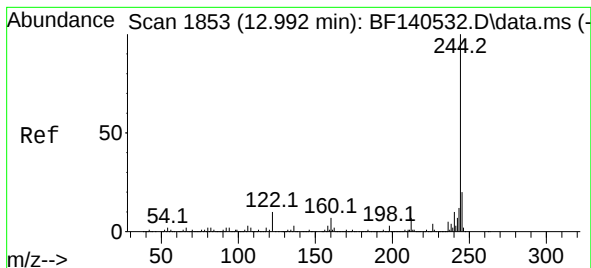
Tgt Ion:184 Resp: 304946
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 8.8 13.2



#78
Pyrene
Concen: 38.219 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:202 Resp: 941890
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 75.460 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

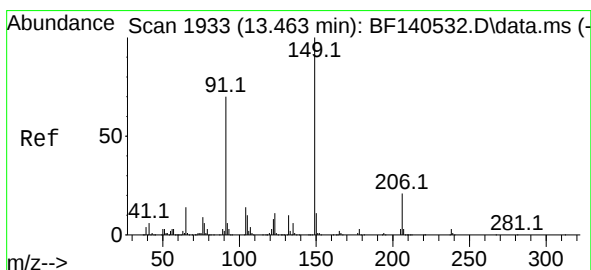
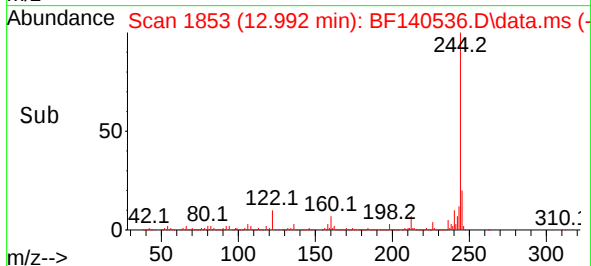
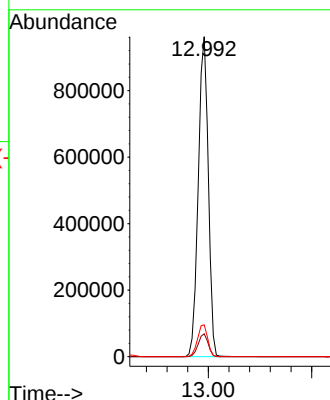
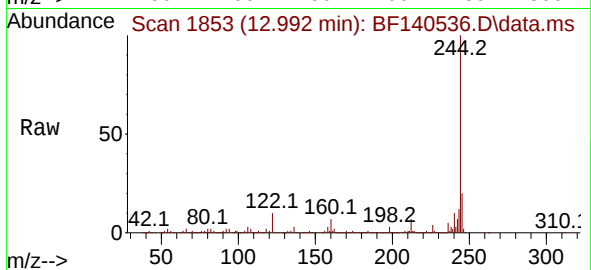
Tgt Ion:244 Resp: 1291669

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.9 8.0 12.0



#80

Butylbenzylphthalate

Concen: 40.542 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

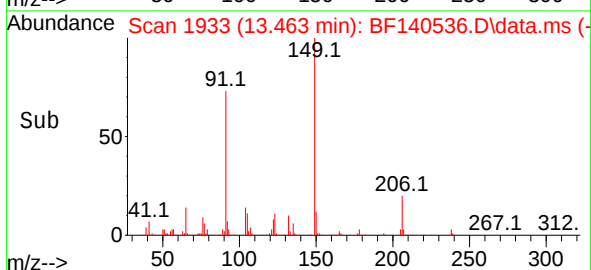
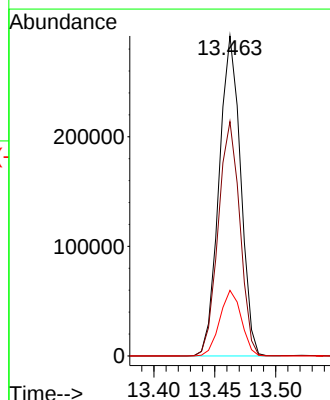
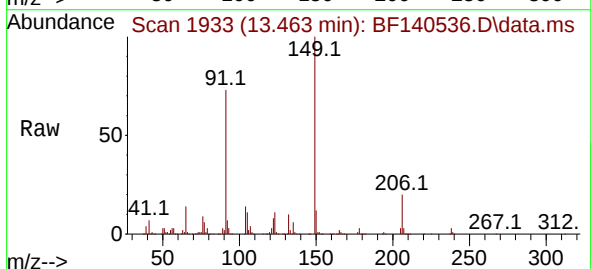
Tgt Ion:149 Resp: 359930

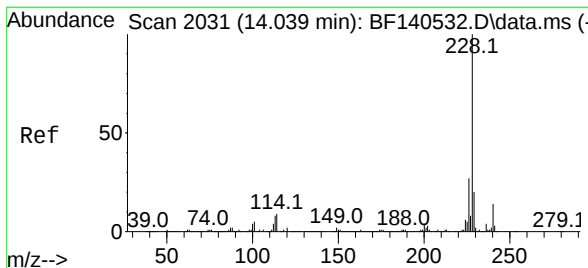
Ion Ratio Lower Upper

149 100

91 73.3 56.2 84.2

206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.723 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

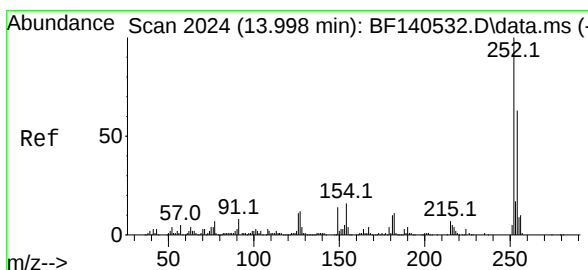
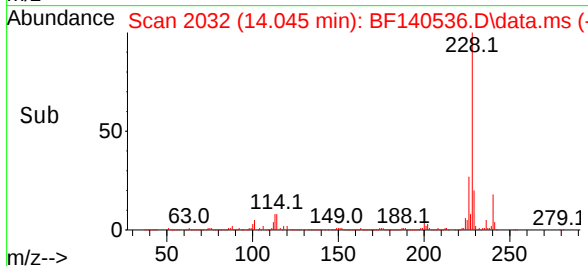
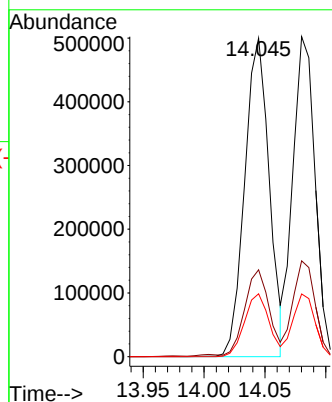
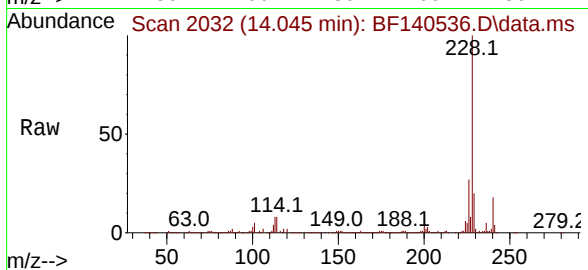
Tgt Ion:228 Resp: 700865

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 41.011 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

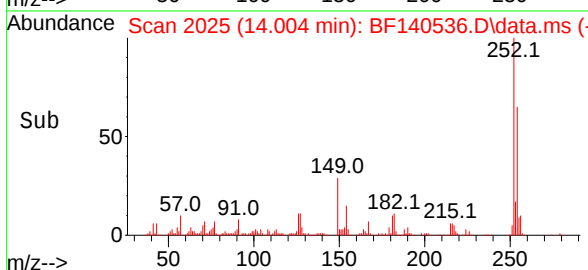
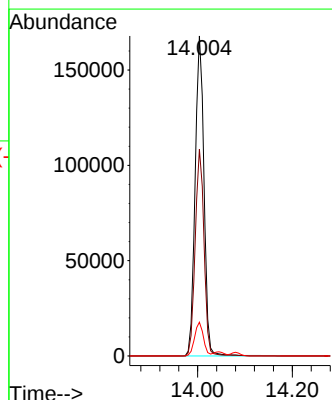
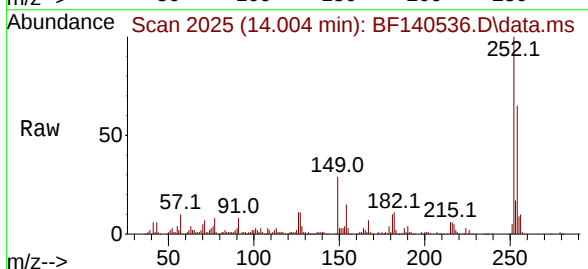
Tgt Ion:252 Resp: 217249

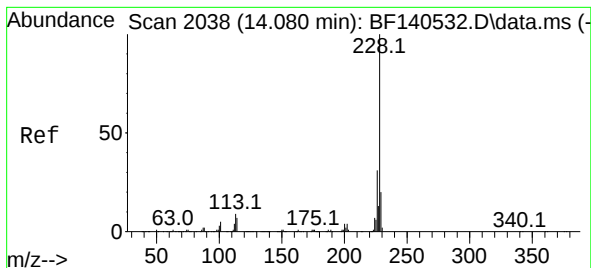
Ion Ratio Lower Upper

252 100

254 64.6 50.8 76.2

126 10.6 8.6 13.0





#83

Chrysene

Concen: 39.406 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

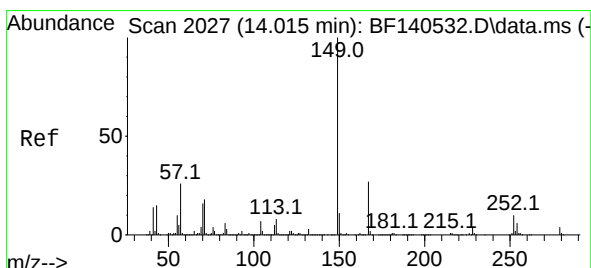
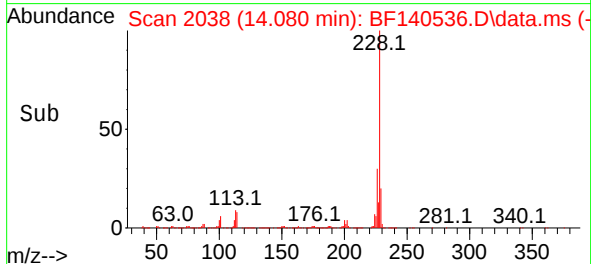
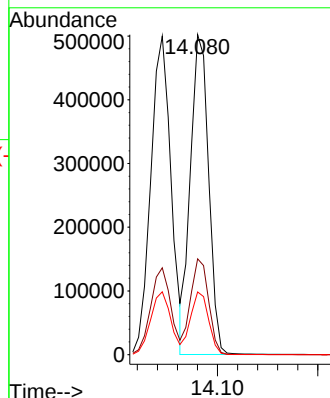
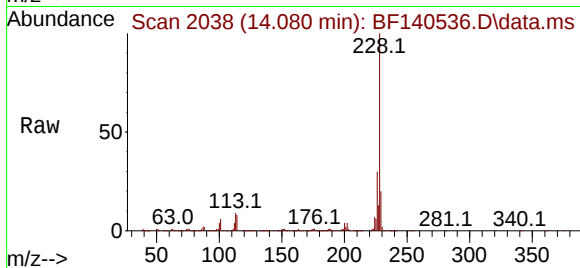
Tgt Ion:228 Resp: 635750

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.823 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

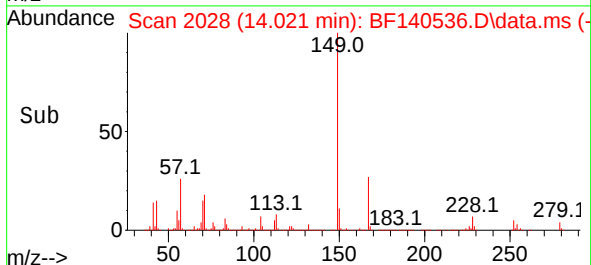
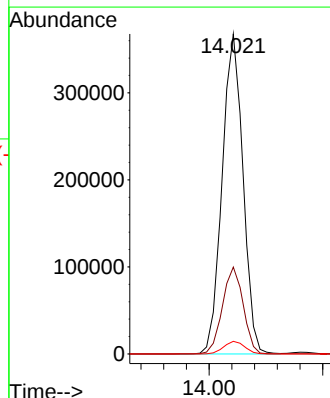
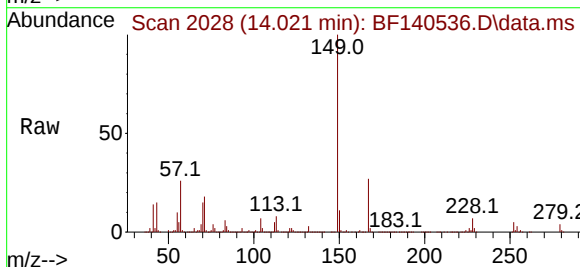
Tgt Ion:149 Resp: 468853

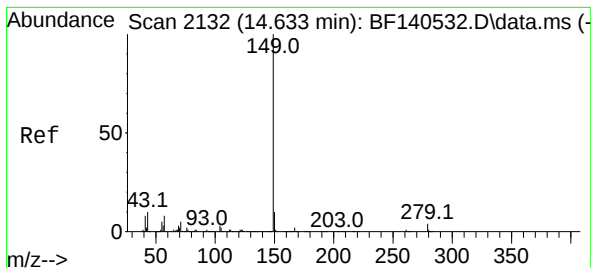
Ion Ratio Lower Upper

149 100

167 27.2 21.2 31.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.965 ng

RT: 14.645 min Scan# 2134

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

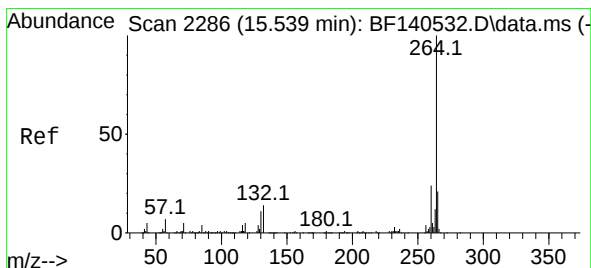
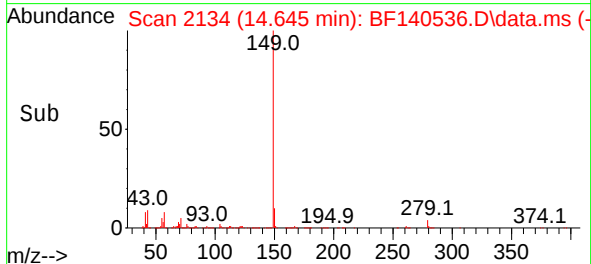
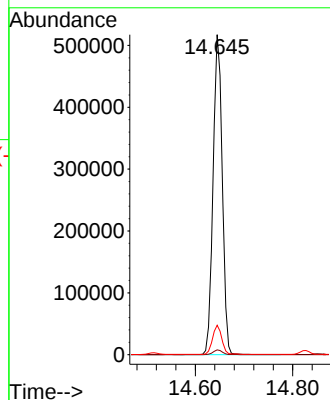
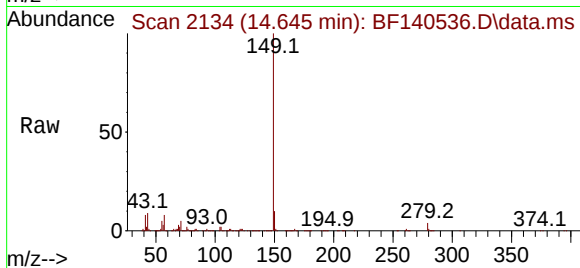
Tgt Ion:149 Resp: 673561

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2288

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

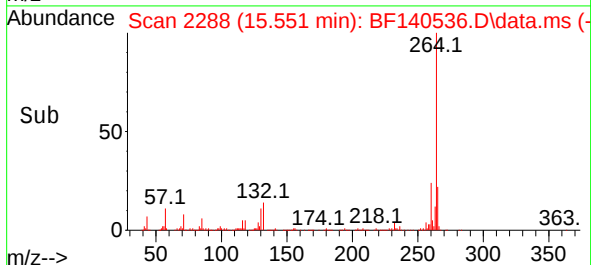
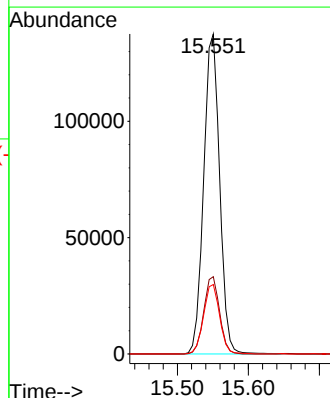
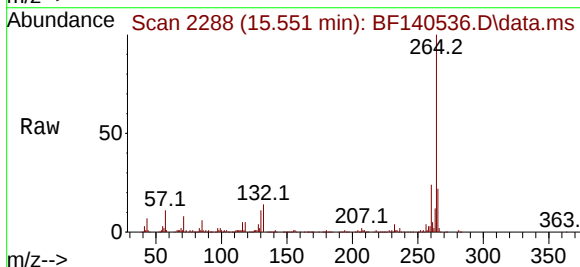
Tgt Ion:264 Resp: 215076

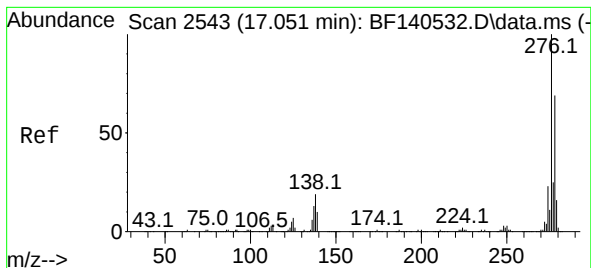
Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.995 ng

RT: 17.062 min Scan# 2545

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

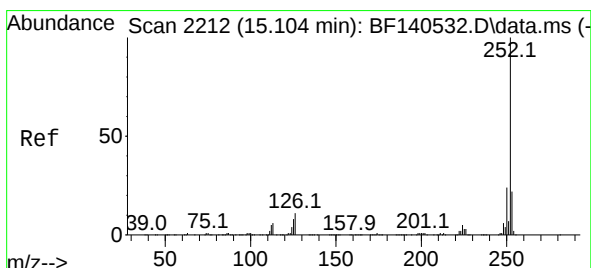
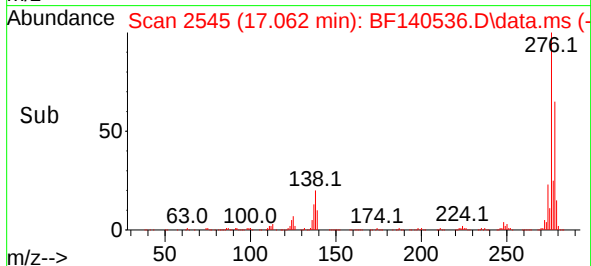
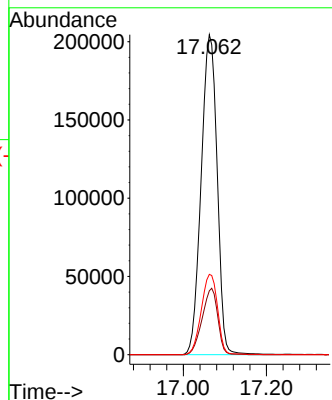
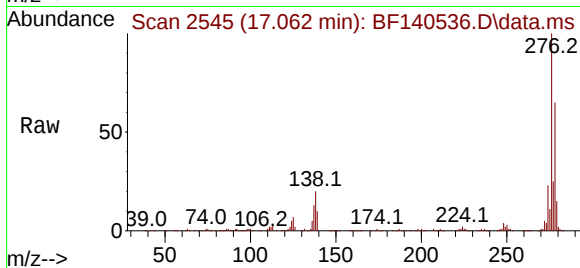
Tgt Ion:276 Resp: 546567

Ion Ratio Lower Upper

276 100

138 20.2 15.5 23.3

277 25.6 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 40.850 ng

RT: 15.109 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

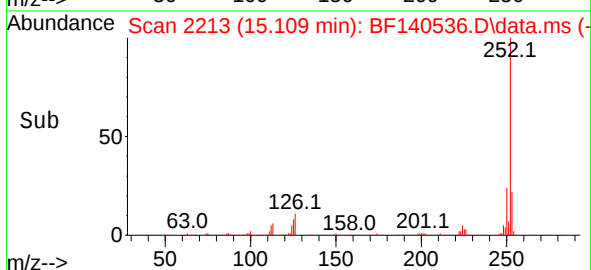
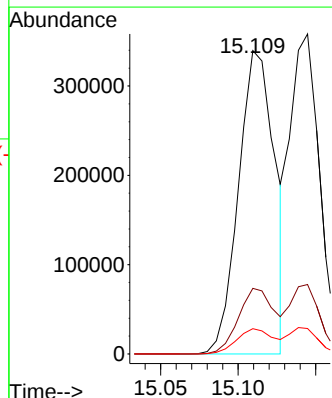
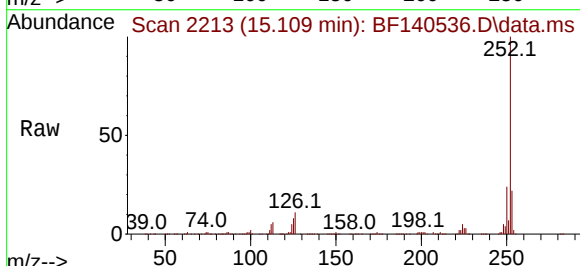
Tgt Ion:252 Resp: 551853

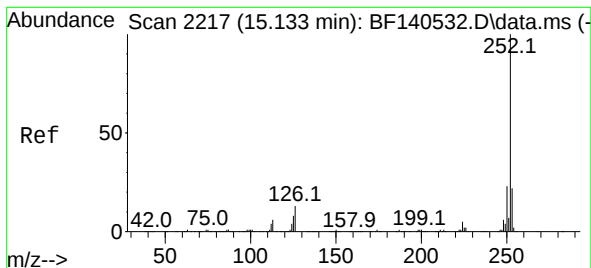
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 40.110 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

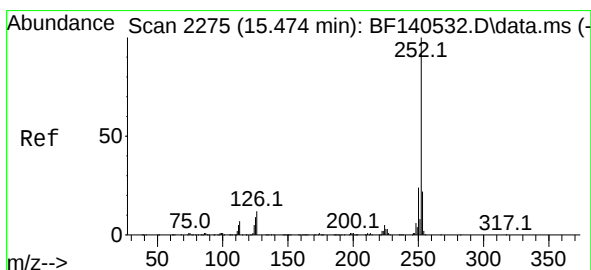
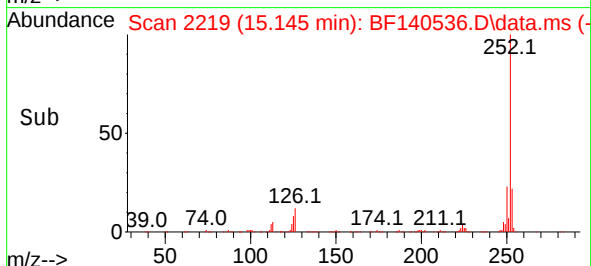
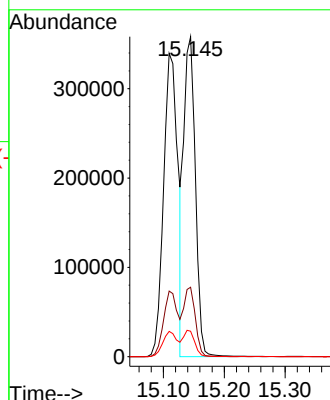
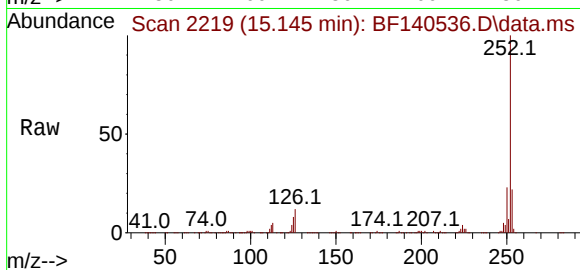
Tgt Ion:252 Resp: 474176

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.9 6.5 9.7



#90

Benzo(a)pyrene

Concen: 40.041 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

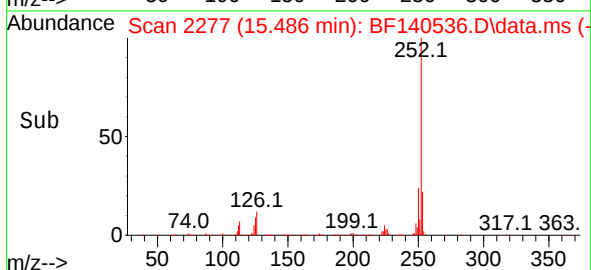
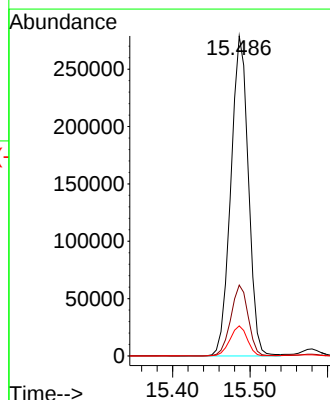
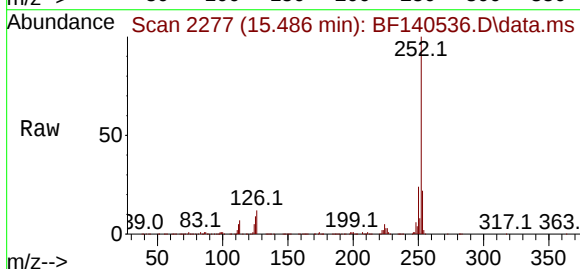
Tgt Ion:252 Resp: 439811

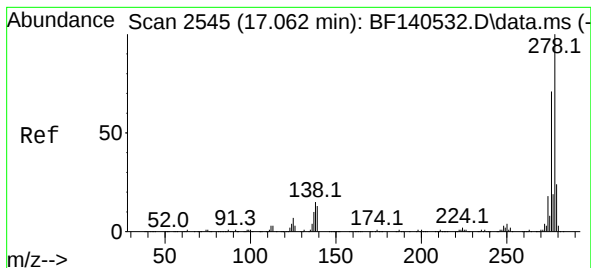
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.4 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 40.052 ng

RT: 17.074 min Scan# 2545

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

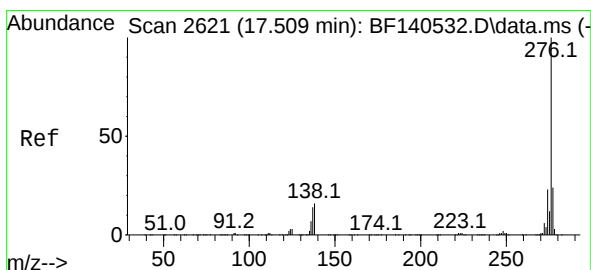
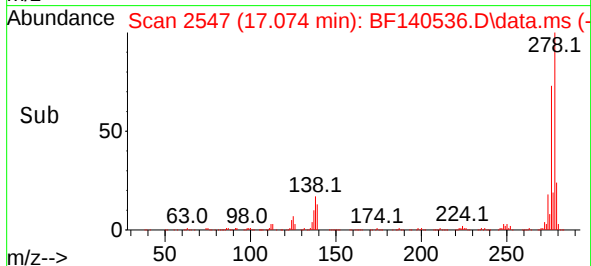
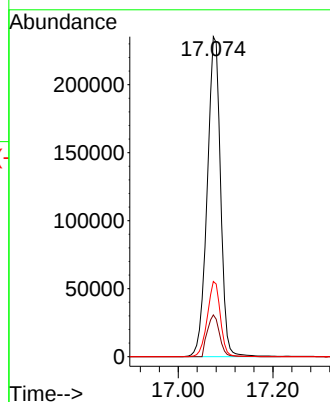
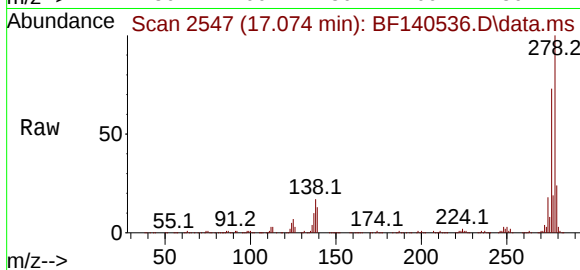
Tgt Ion:278 Resp: 459746

Ion Ratio Lower Upper

278 100

139 13.0 10.2 15.4

279 23.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 39.591 ng

RT: 17.521 min Scan# 2623

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:276 Resp: 463747

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 17.1 13.2 19.8

