

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

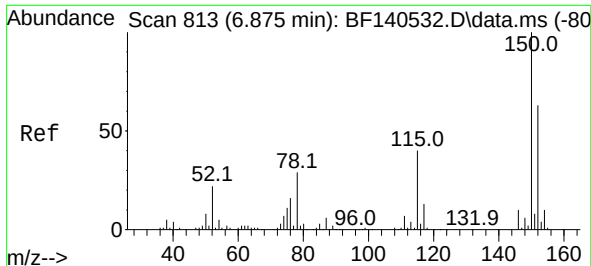
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 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	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

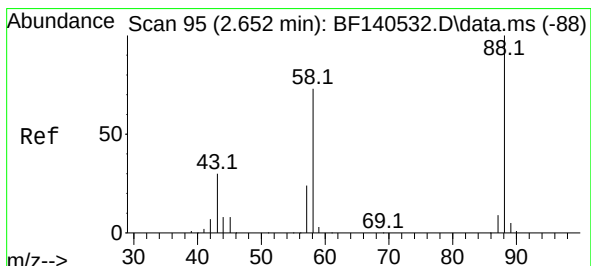
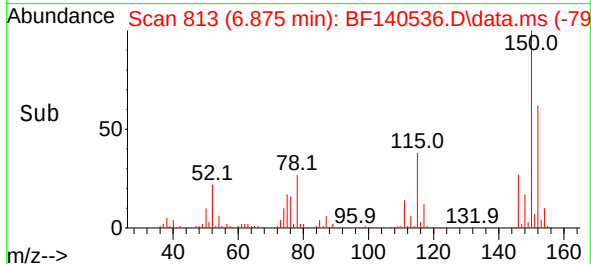
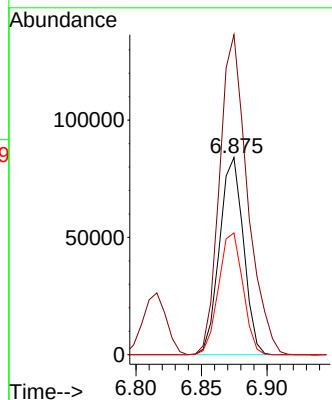
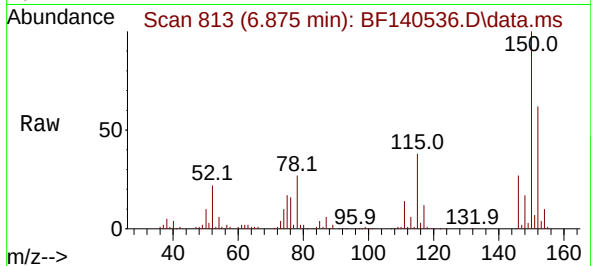
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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

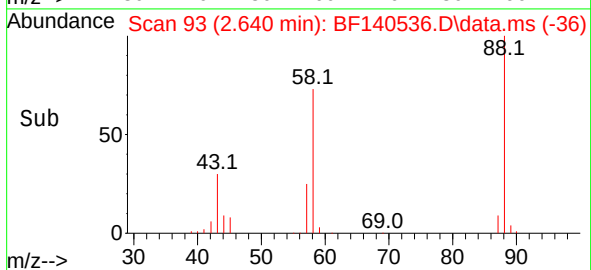
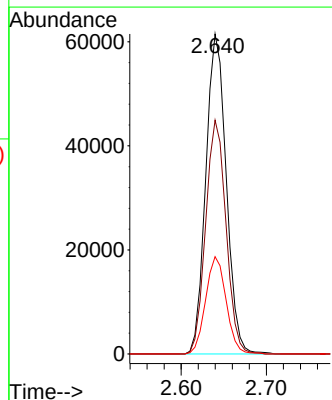
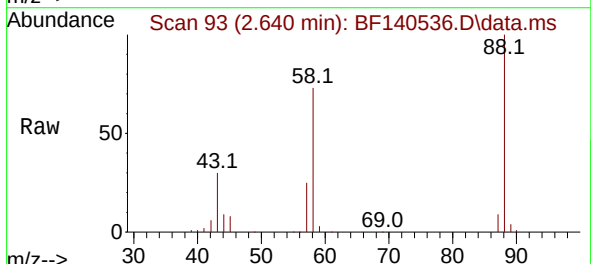
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

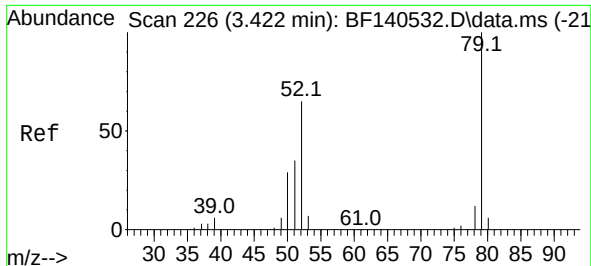
Tgt Ion:152 Resp: 106835
Ion Ratio Lower Upper
152 100
150 162.4 128.5 192.7
115 61.8 50.2 75.4



#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

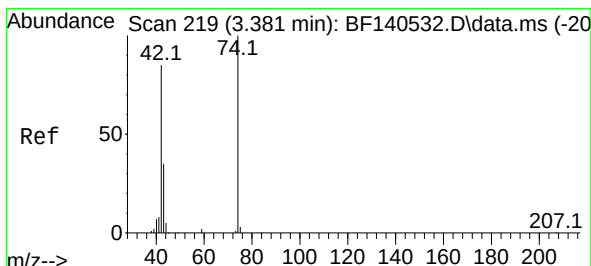
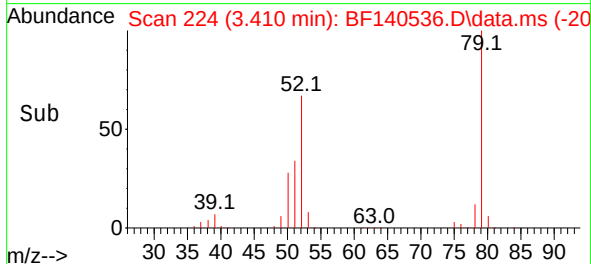
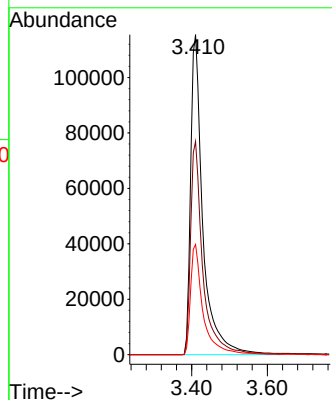
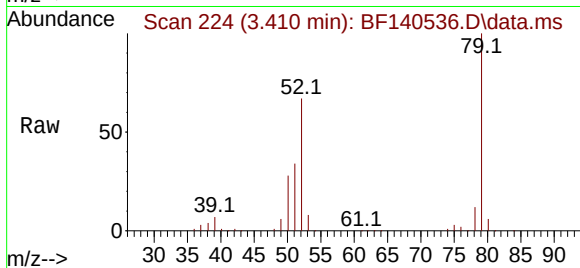
Tgt Ion: 79 Resp: 258925

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

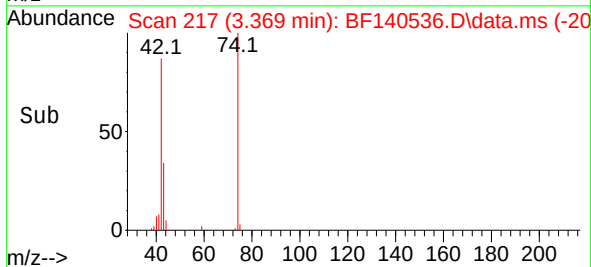
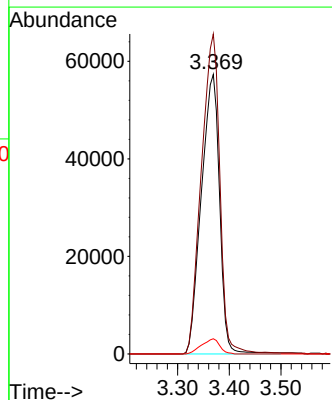
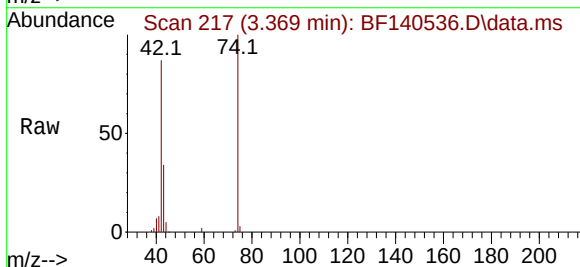
Tgt Ion: 42 Resp: 140208

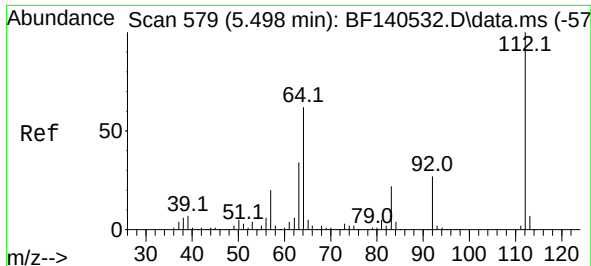
Ion Ratio Lower Upper

42 100

74 114.5 93.8 140.6

44 5.5 4.6 6.8

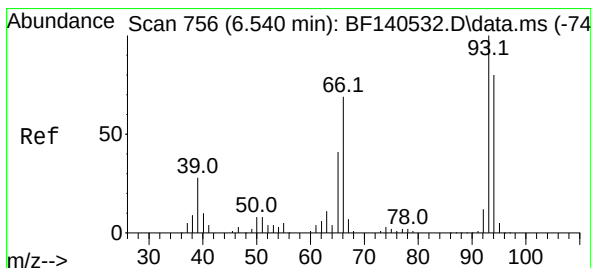
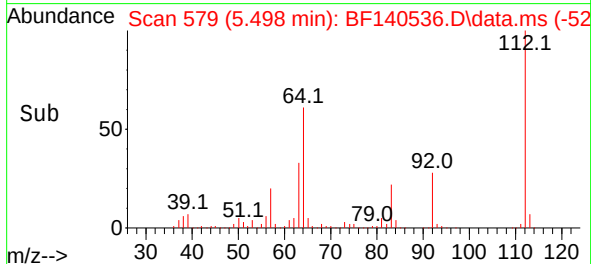
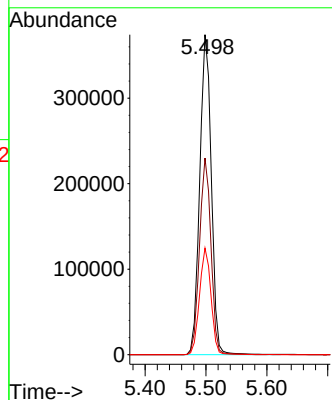
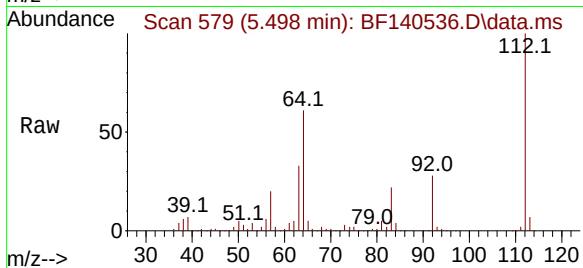




#5
2-Fluorophenol
Concen: 79.009 ng
RT: 5.498 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

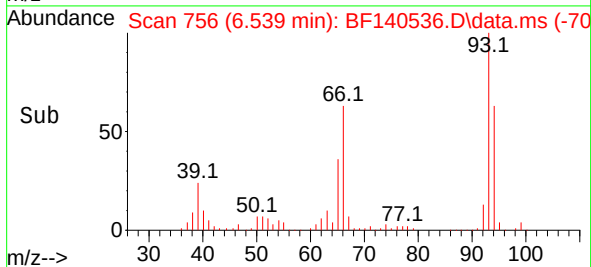
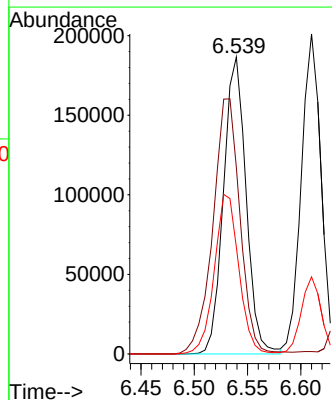
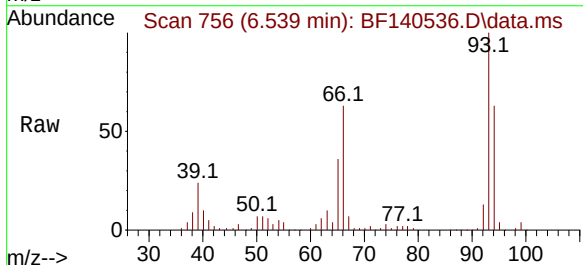
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

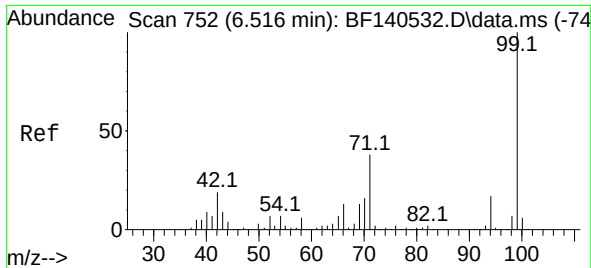
Tgt Ion:112 Resp: 494717
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 33.3 27.0 40.4



#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

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

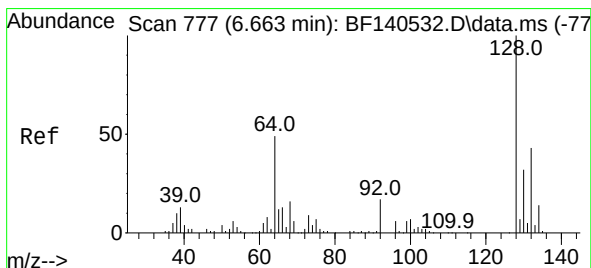
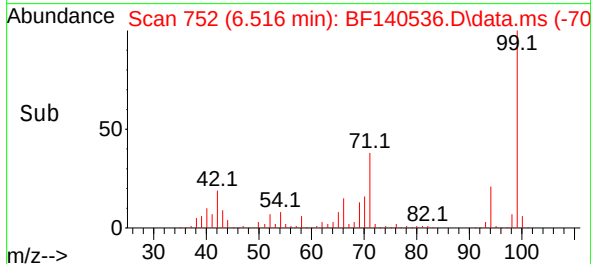
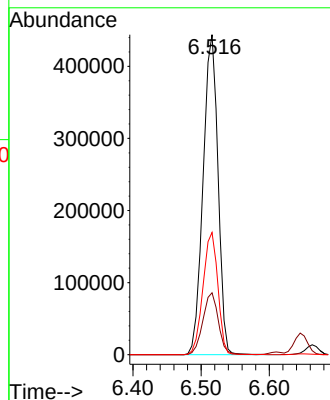
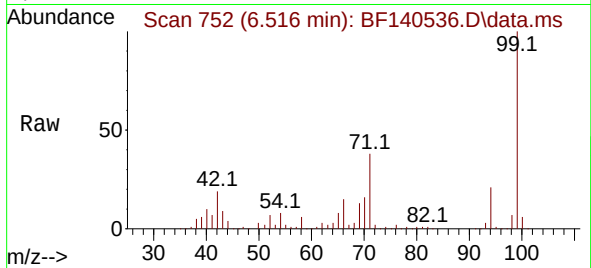
Tgt Ion: 99 Resp: 674309

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

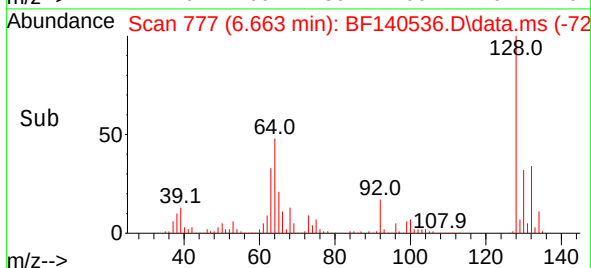
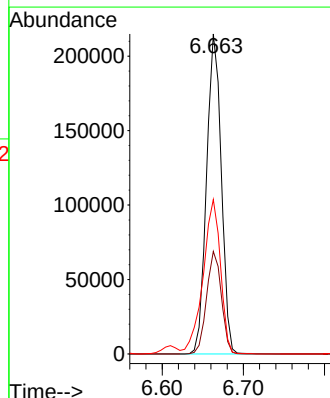
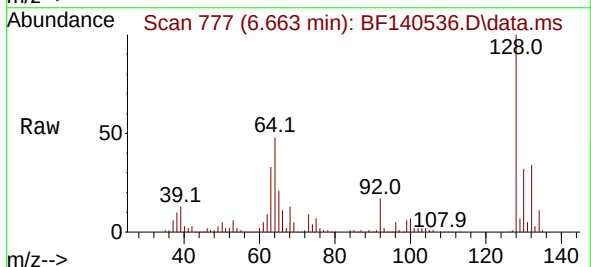
Tgt Ion:128 Resp: 270746

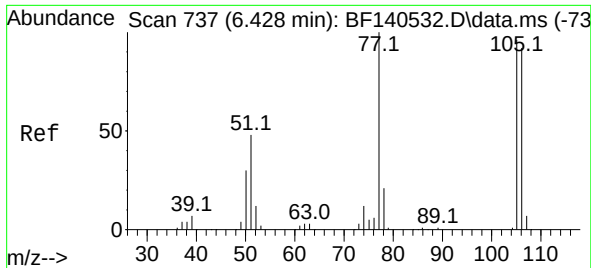
Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 48.3 30.2 70.2



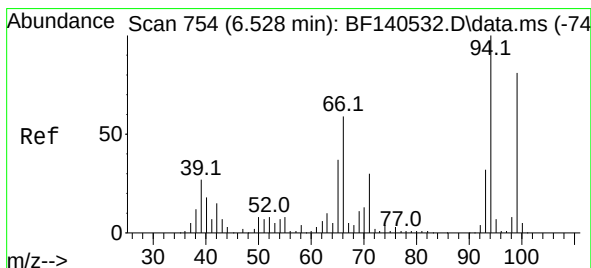
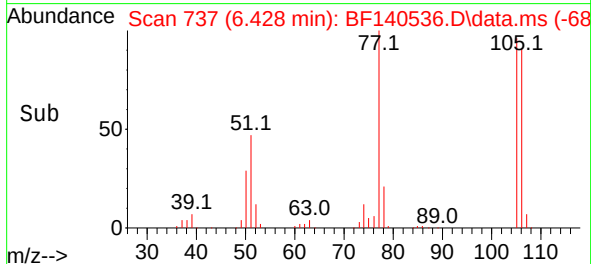
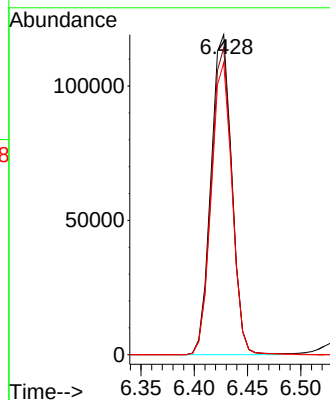
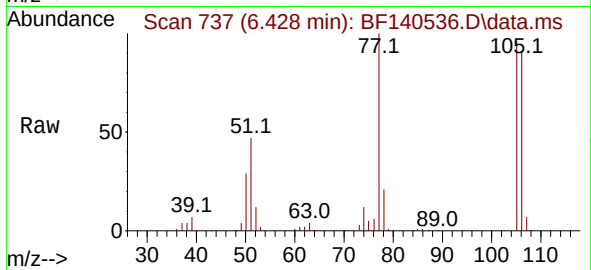


#9
Benzaldehyde
Concen: 36.939 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion: 77 Resp: 161873

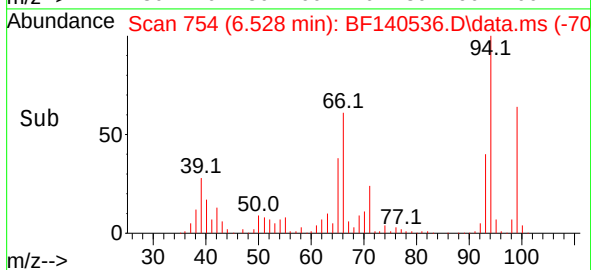
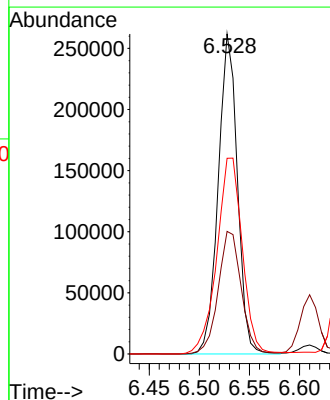
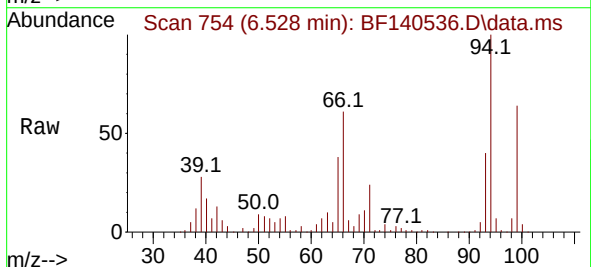
Ion	Ratio	Lower	Upper
77	100		
105	95.9	75.6	115.6
106	91.2	72.0	112.0

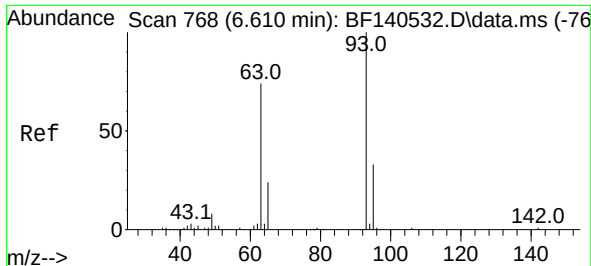


#10
Phenol
Concen: 41.030 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

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

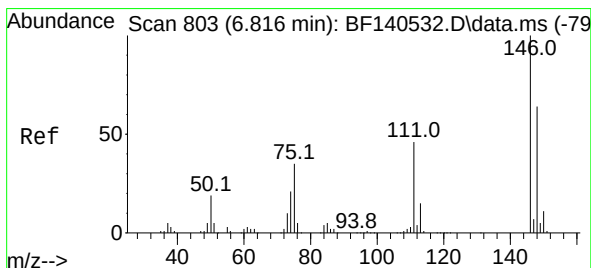
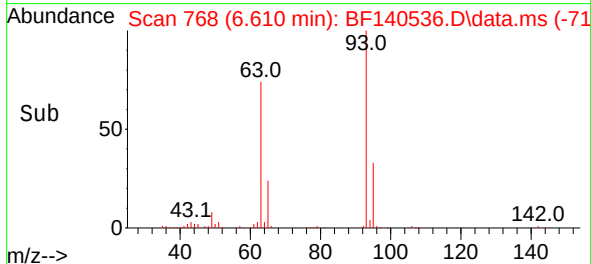
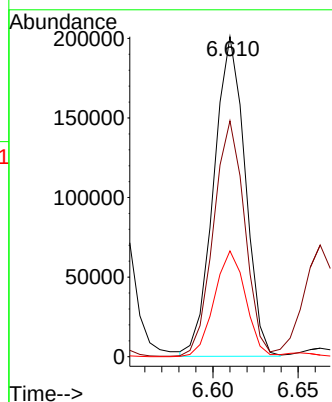
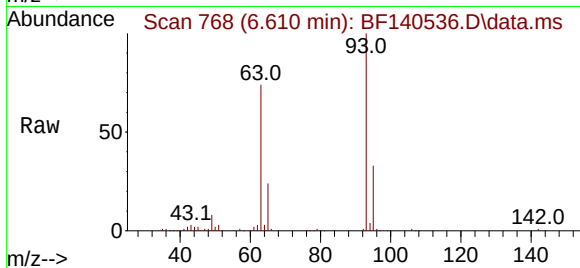




#11
bis(2-Chloroethyl)ether
Concen: 39.796 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

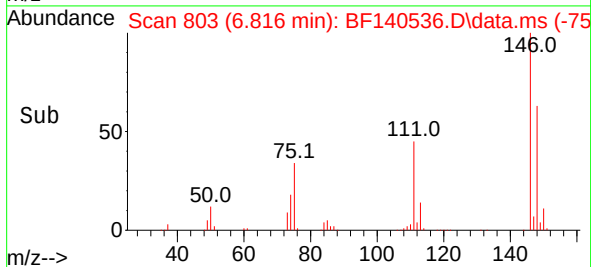
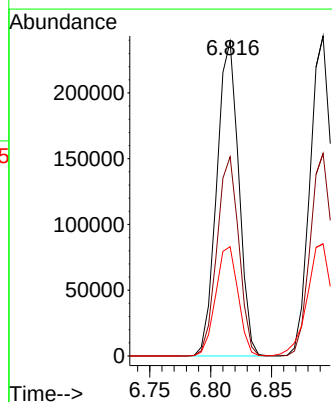
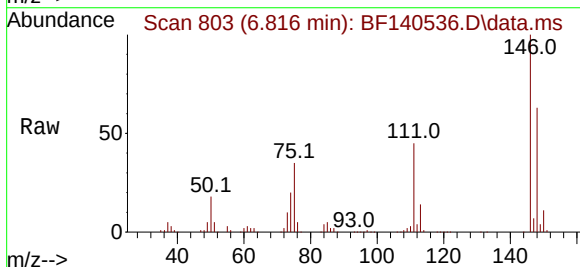
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

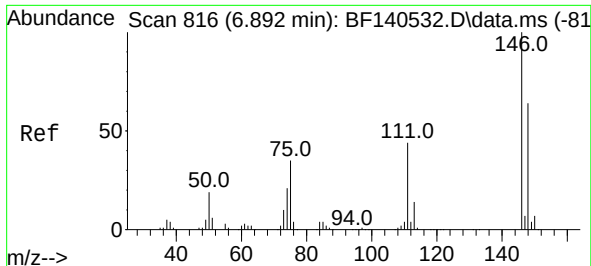
Tgt Ion: 93 Resp: 257441
Ion Ratio Lower Upper
93 100
63 73.7 52.8 92.8
95 33.0 12.3 52.3



#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

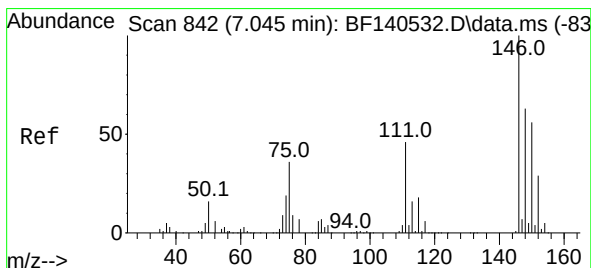
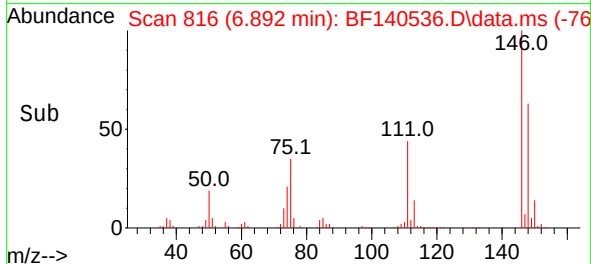
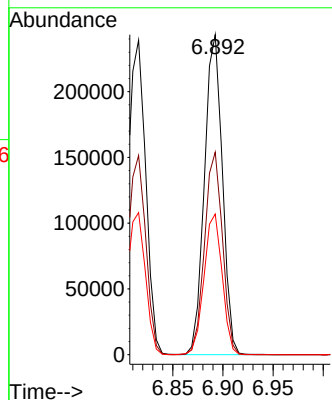
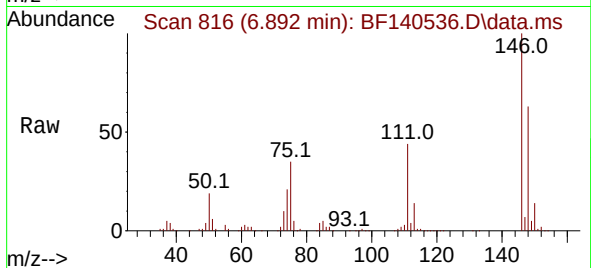




#13
1,4-Dichlorobenzene
Concen: 39.668 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

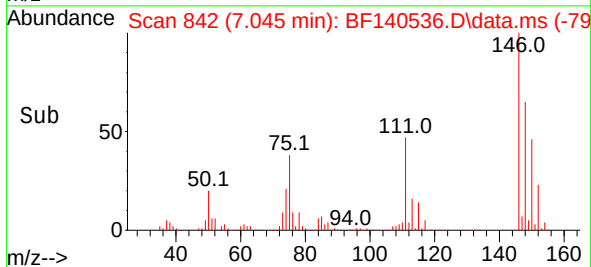
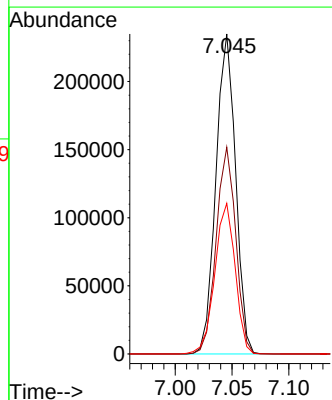
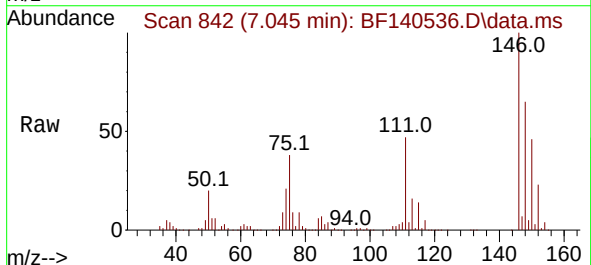
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

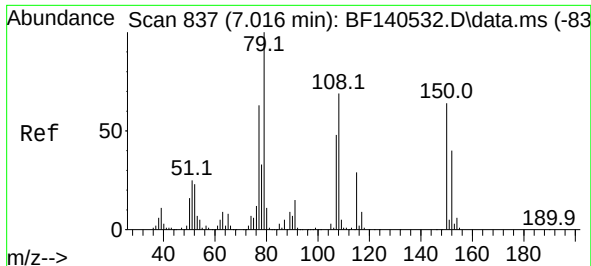
Tgt Ion:146 Resp: 304030
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 44.0 35.3 52.9



#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

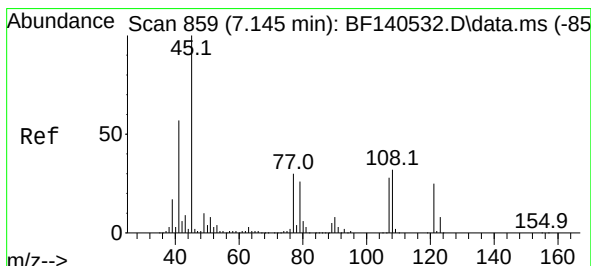
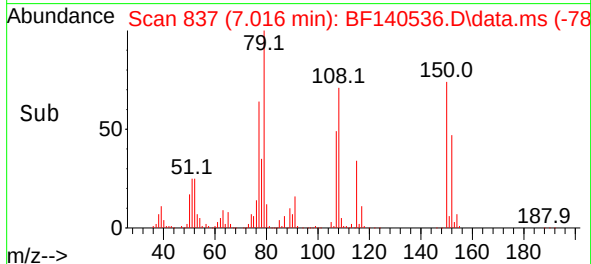
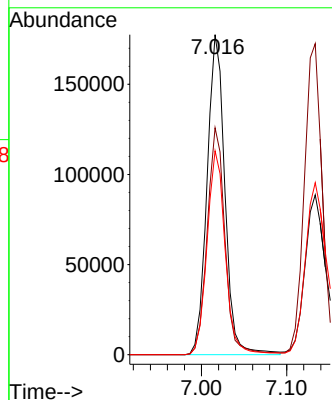
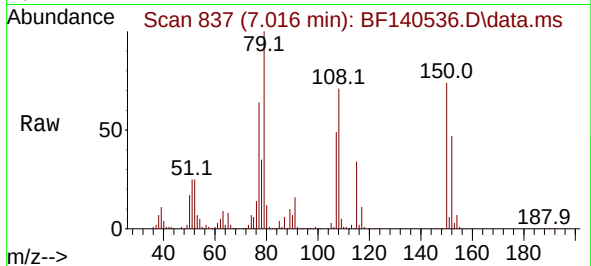




#15
Benzyl Alcohol
Concen: 41.993 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

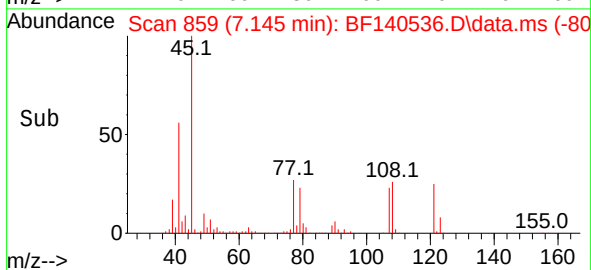
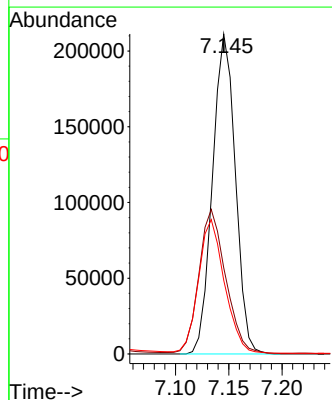
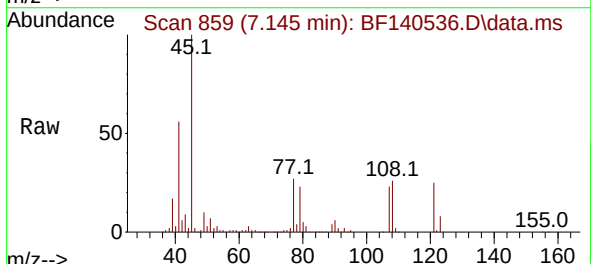
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

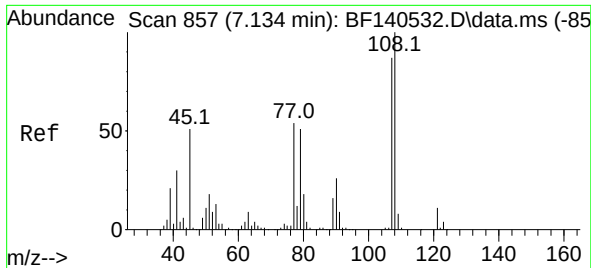
Tgt Ion: 79 Resp: 257787
Ion Ratio Lower Upper
79 100
108 70.9 55.0 82.6
77 63.7 50.1 75.1



#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

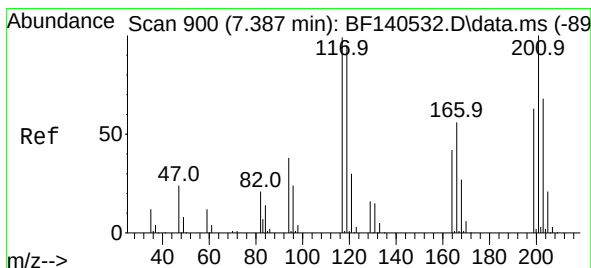
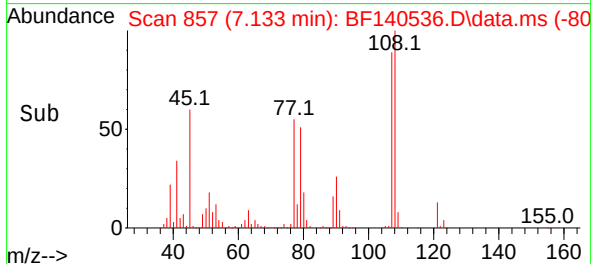
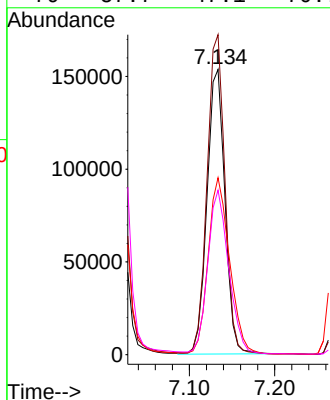
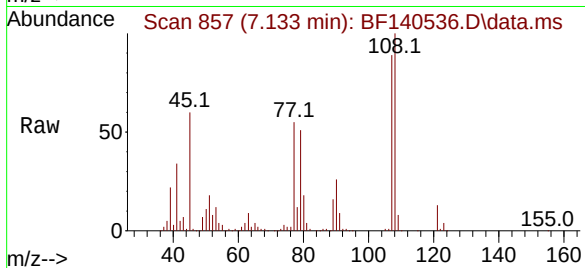




#17
2-Methylphenol
Concen: 41.606 ng
RT: 7.133 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

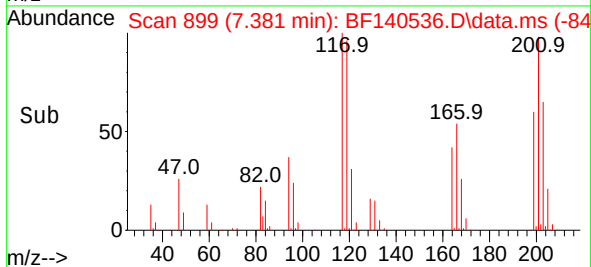
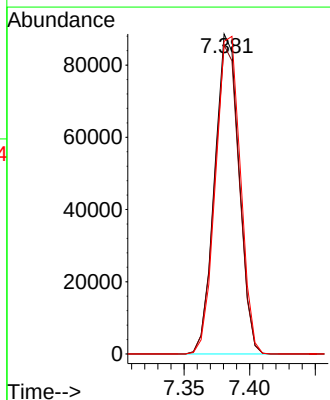
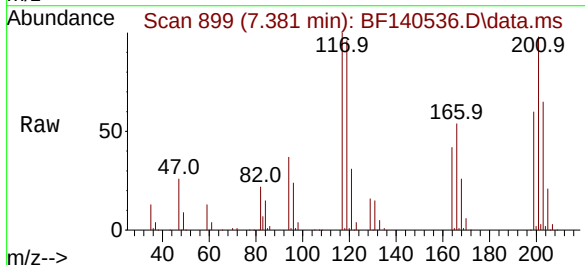
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

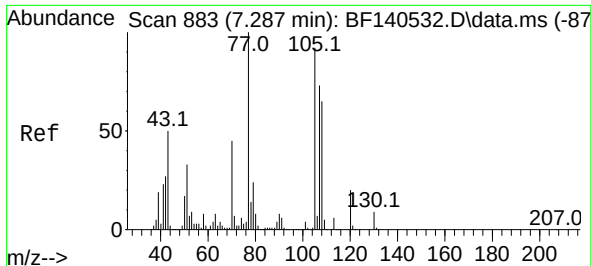
Tgt Ion:107 Resp: 224359
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 62.0 49.3 73.9
79 57.7 47.1 70.7



#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

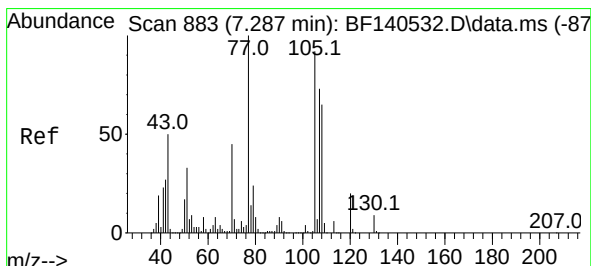
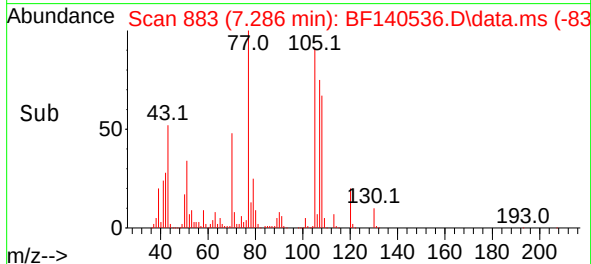
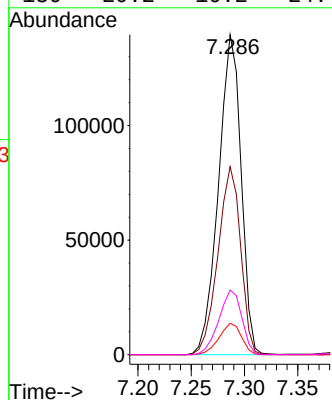
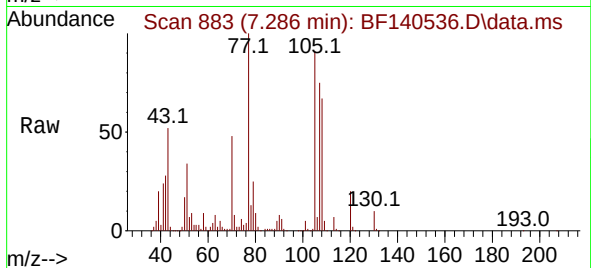
Ion Ratio Lower Upper

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

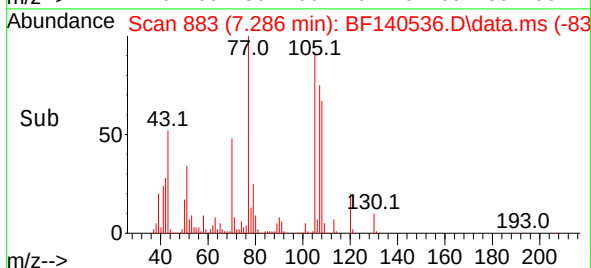
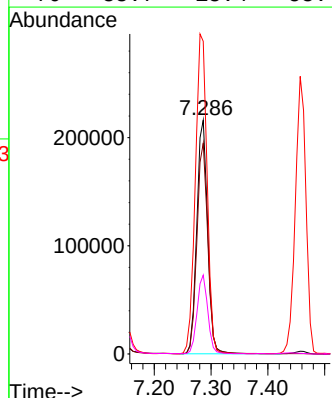
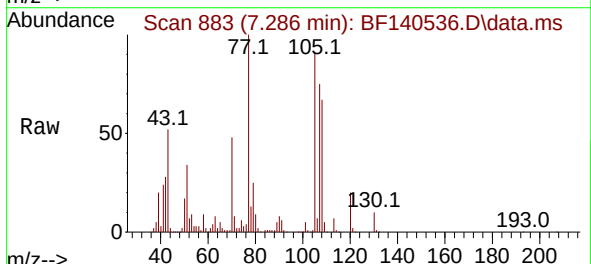
Ion Ratio Lower Upper

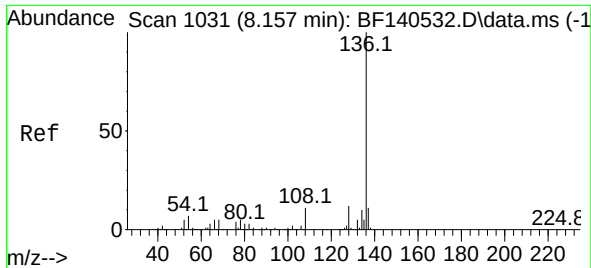
107 100

108 90.2 69.9 109.9

77 133.8 117.7 157.7

79 33.7 13.4 53.4

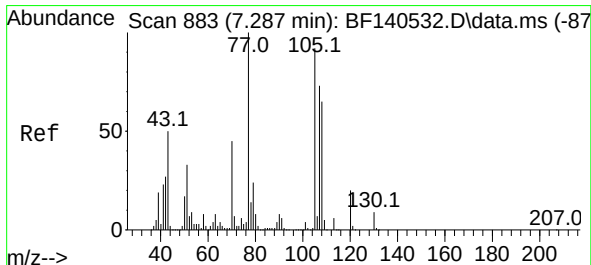
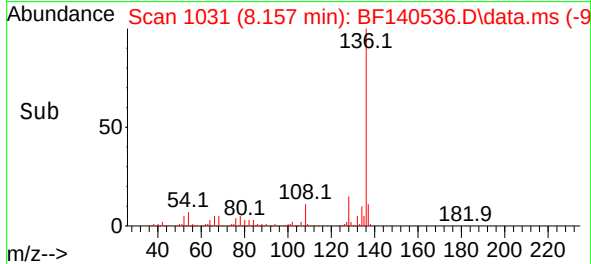
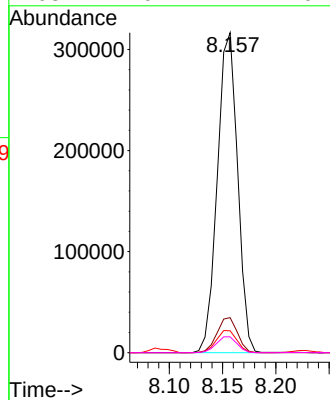
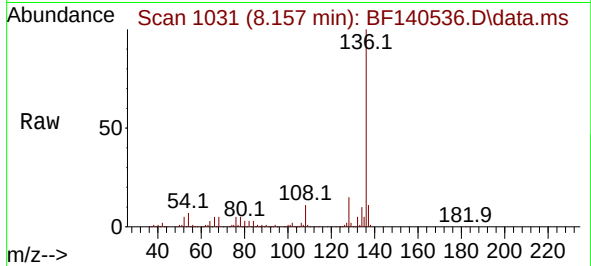




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

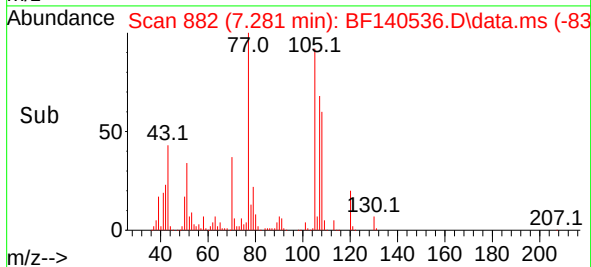
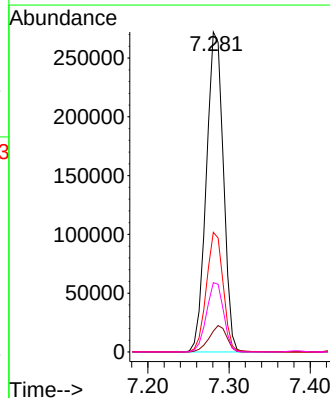
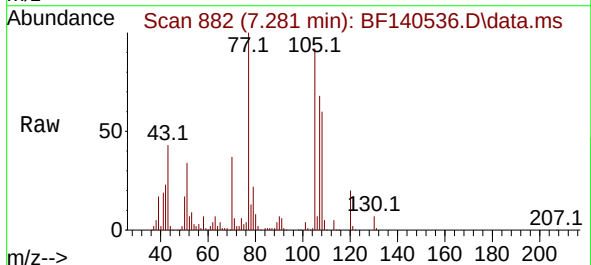
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

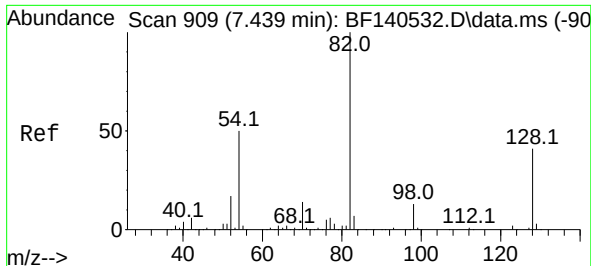
Tgt Ion:136	Resp: 417612
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 6.9	5.8 8.8
68 4.9	4.1 6.1



#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

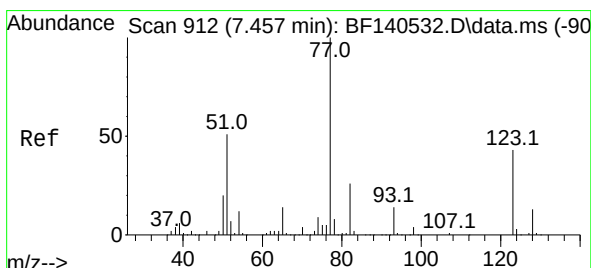
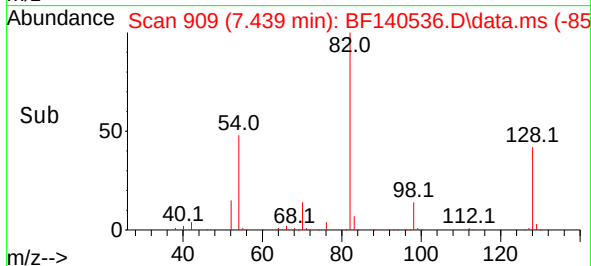
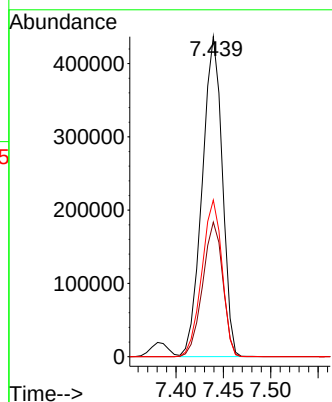
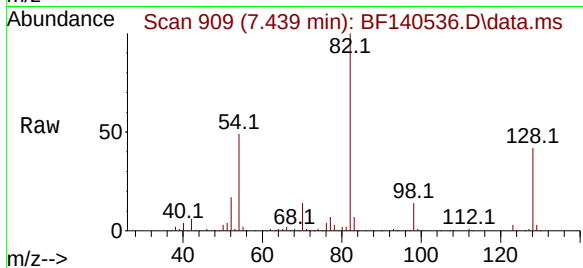
Tgt Ion: 82 Resp: 644226

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

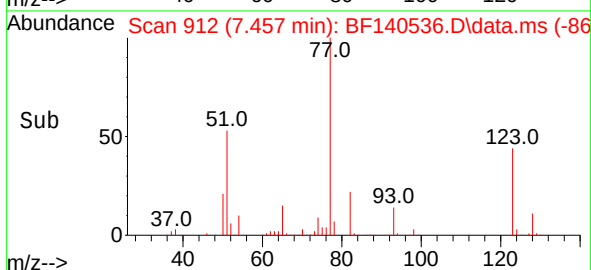
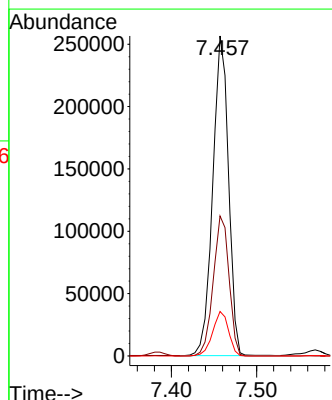
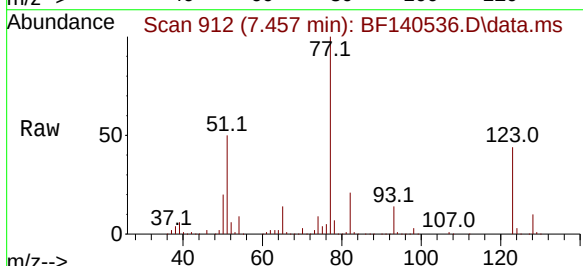
Tgt Ion: 77 Resp: 330161

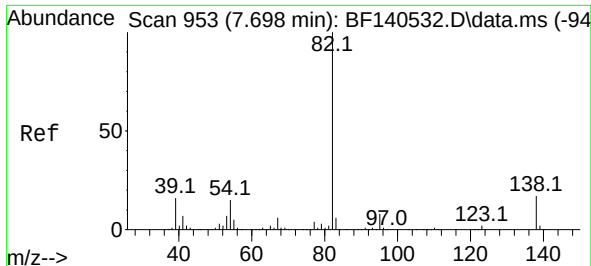
Ion Ratio Lower Upper

77 100

123 43.8 34.3 51.5

65 13.9 11.2 16.8

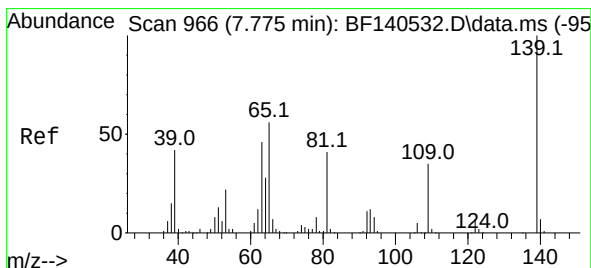
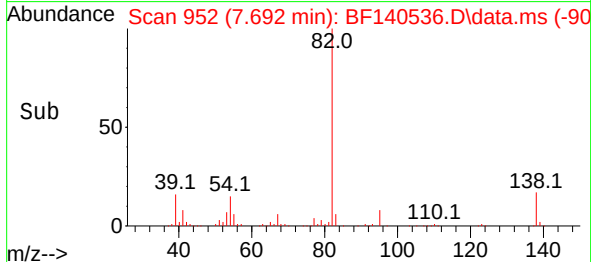
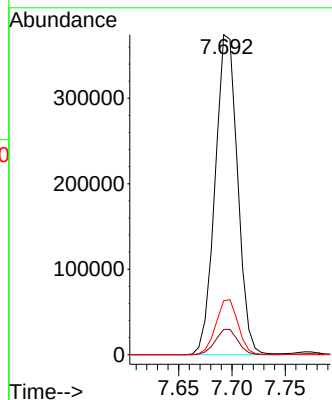
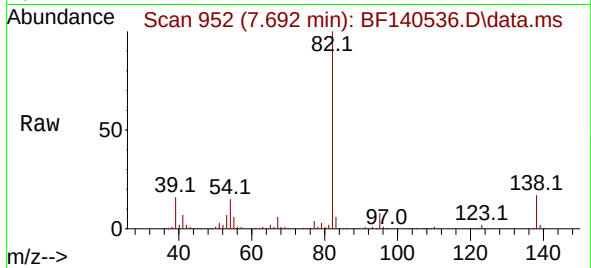




#25
Isophorone
Concen: 40.332 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

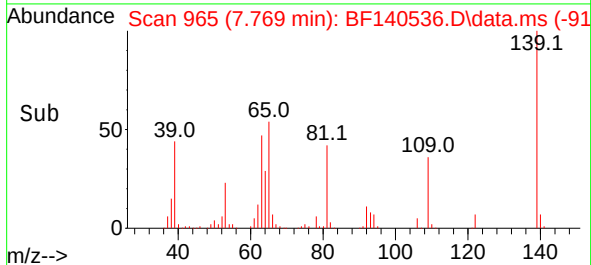
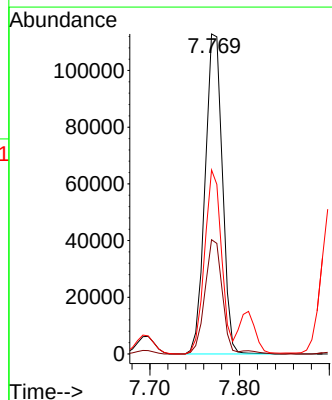
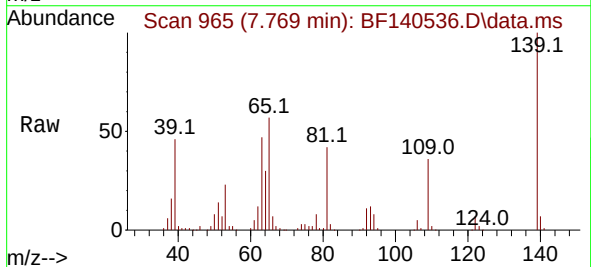
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

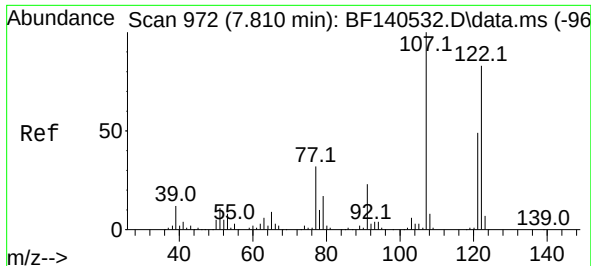
Tgt Ion: 82 Resp: 549222
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.9 13.8 20.6



#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

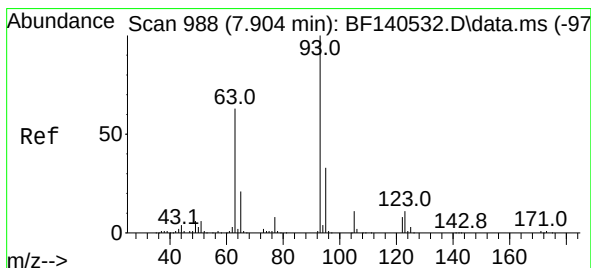
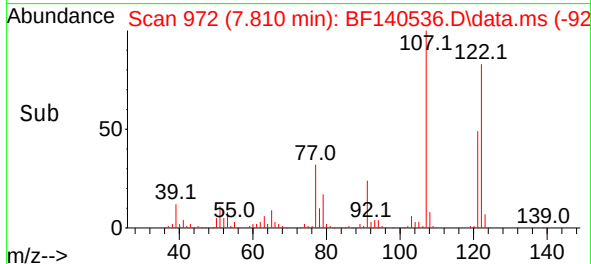
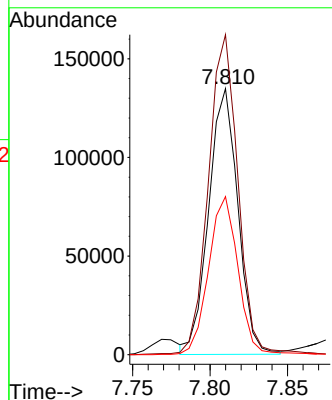
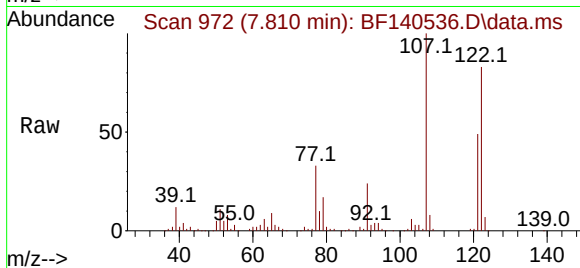




#27
2,4-Dimethylphenol
Concen: 39.568 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

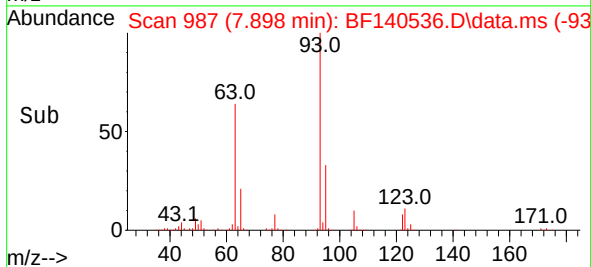
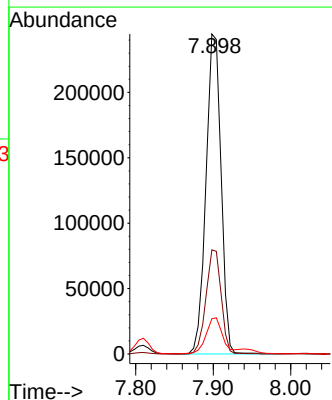
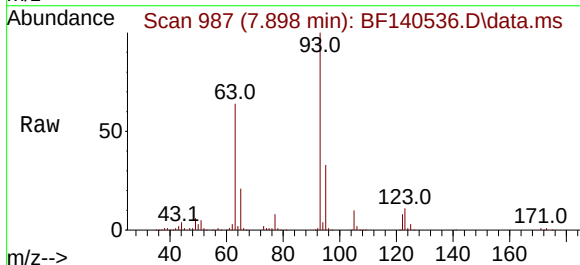
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

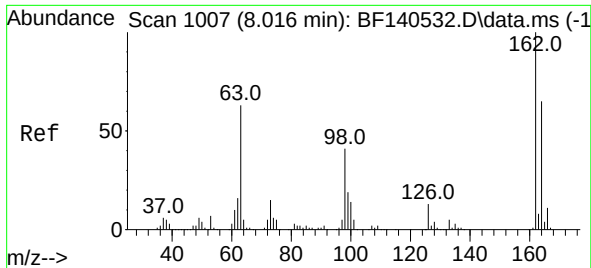
Tgt Ion:122 Resp: 177031
Ion Ratio Lower Upper
122 100
107 120.3 96.8 145.2
121 59.4 47.4 71.0



#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

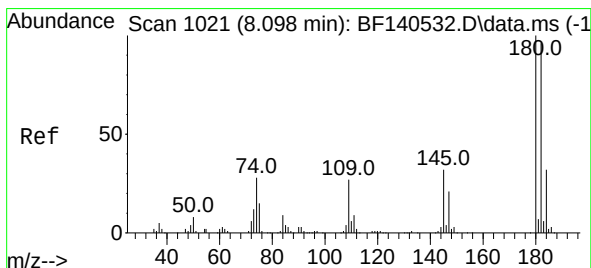
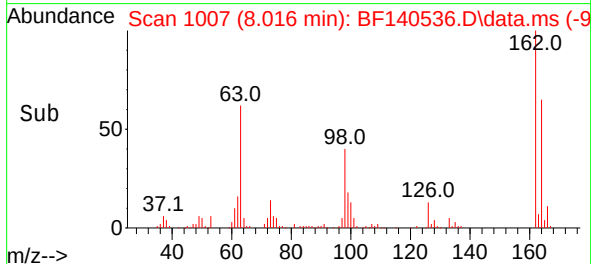
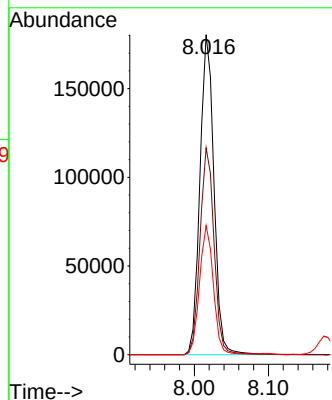
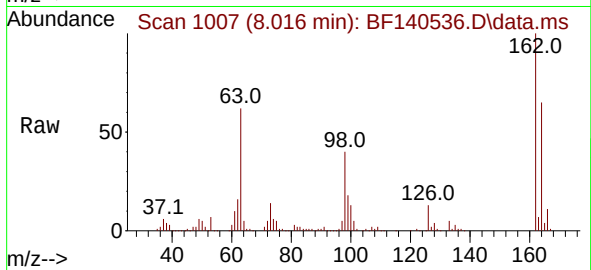
Tgt Ion:162 Resp: 236857

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

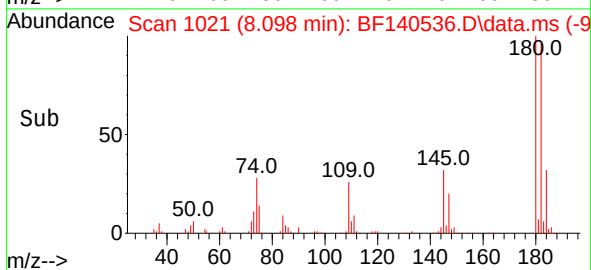
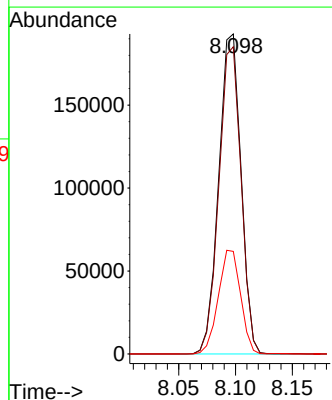
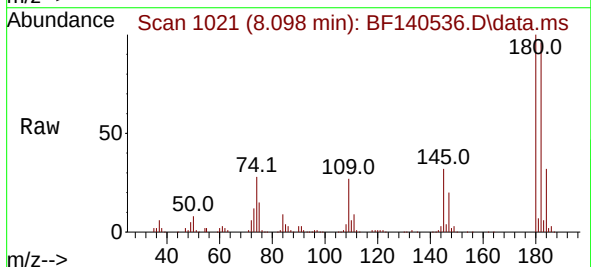
Tgt Ion:180 Resp: 263327

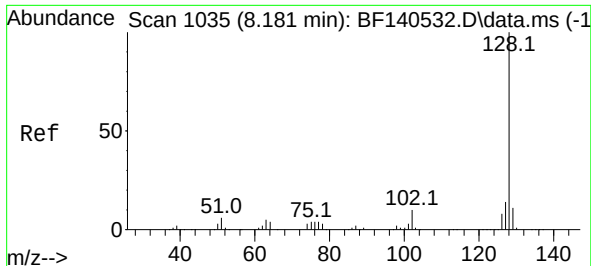
Ion Ratio Lower Upper

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

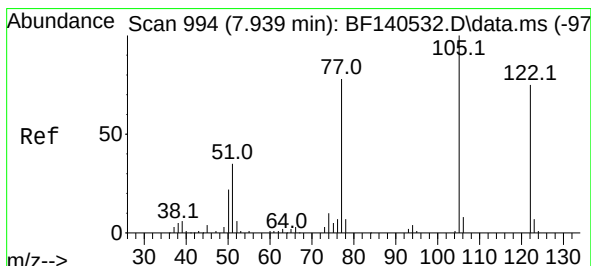
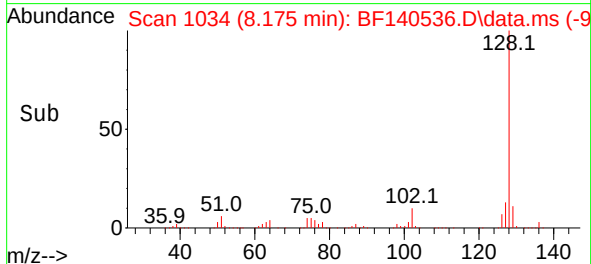
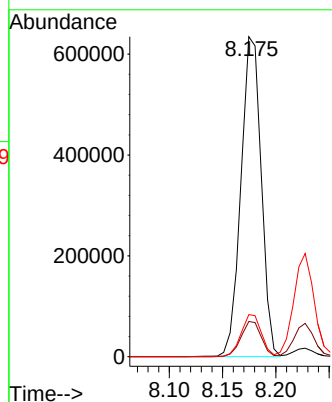
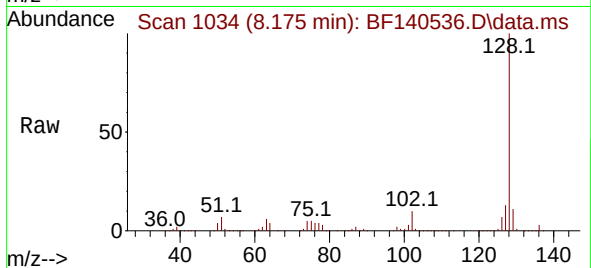
Tgt Ion:128 Resp: 842187

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

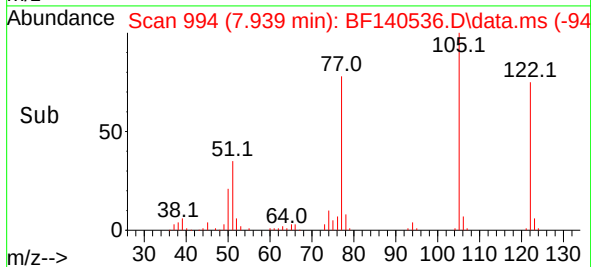
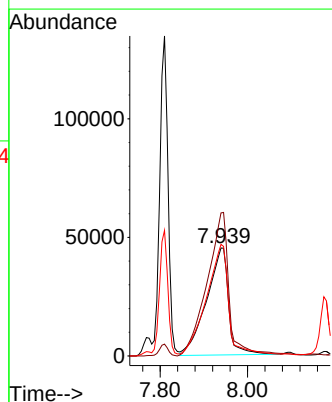
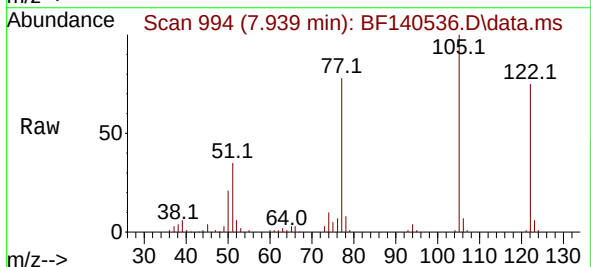
Tgt Ion:122 Resp: 156794

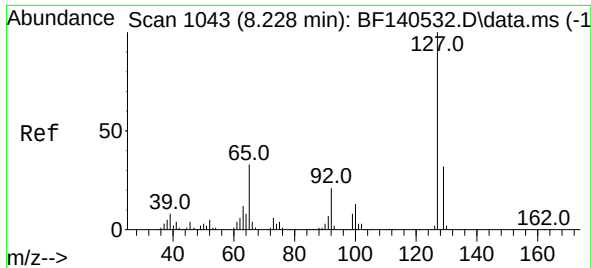
Ion Ratio Lower Upper

122 100

105 132.5 109.3 149.3

77 103.2 82.3 122.3

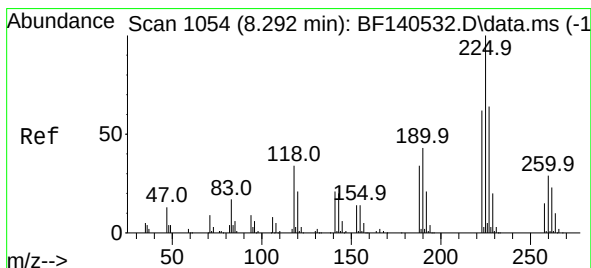
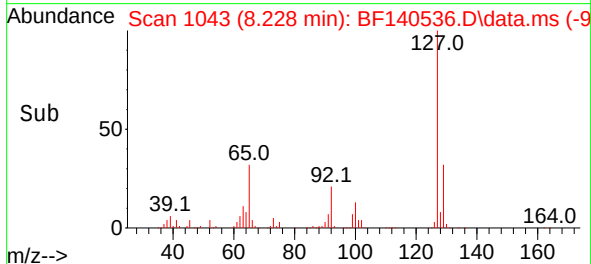
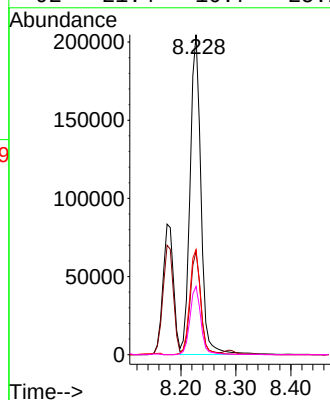
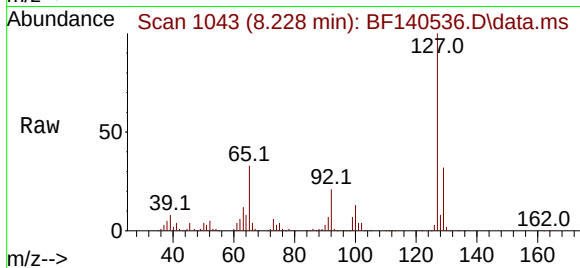




#33
4-Chloroaniline
Concen: 43.551 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

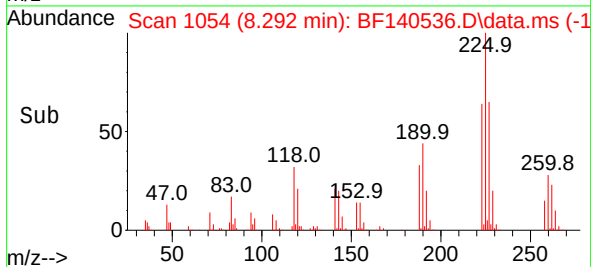
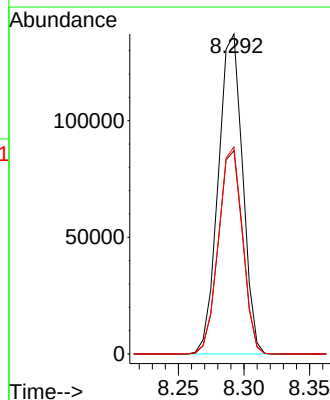
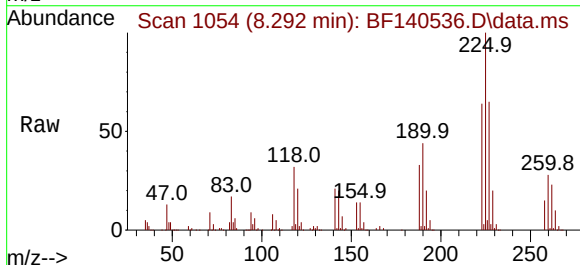
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

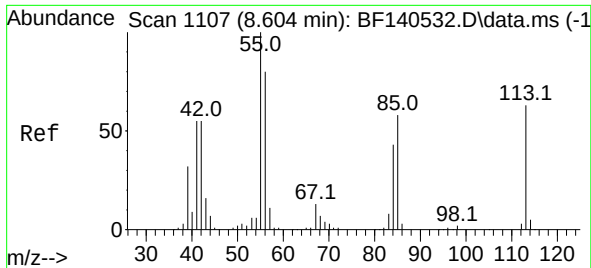
Tgt	Ion:127	Resp:	280483
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	32.9	26.0	39.0
92	21.4	16.7	25.1



#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	

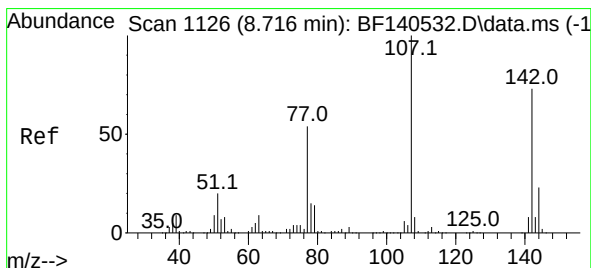
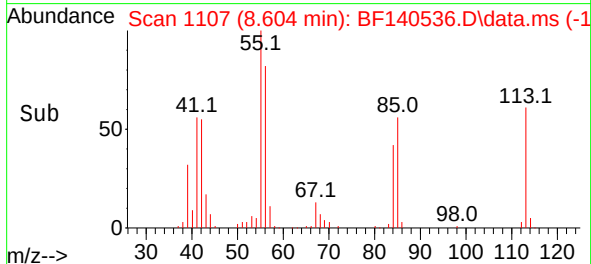
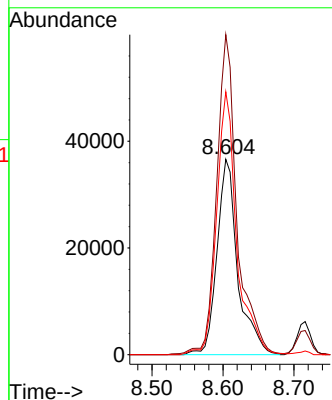
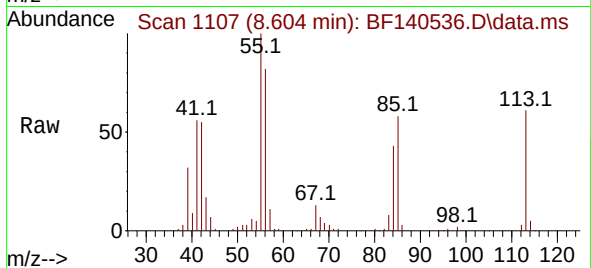




#35
Caprolactam
Concen: 40.381 ng
RT: 8.604 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

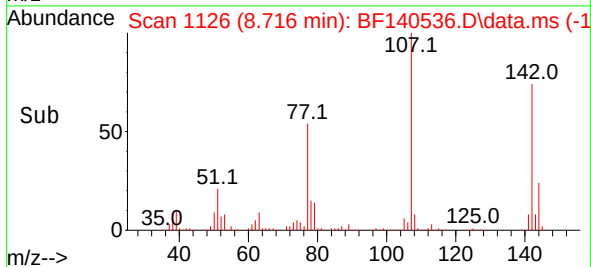
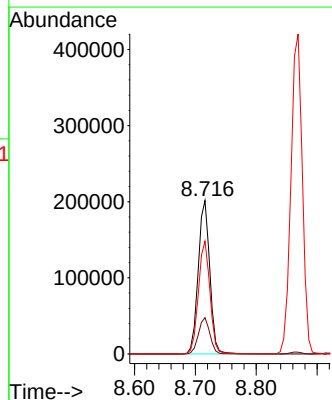
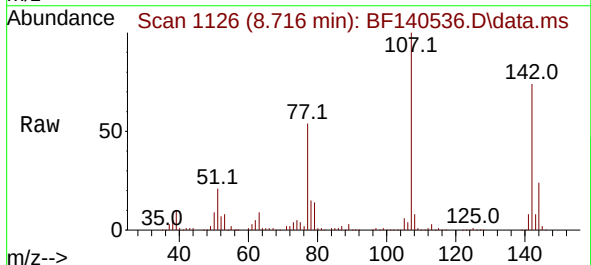
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

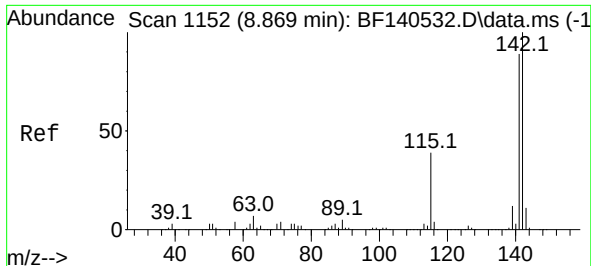
Tgt Ion:113 Resp: 74088
Ion Ratio Lower Upper
113 100
55 163.7 137.7 177.7
56 134.5 106.4 146.4



#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 :

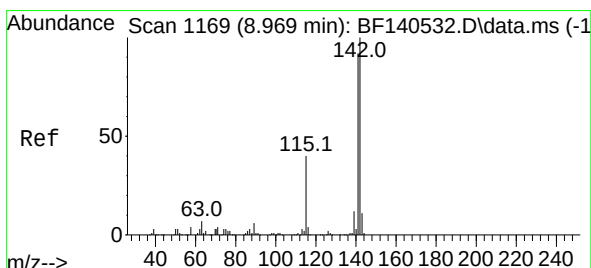
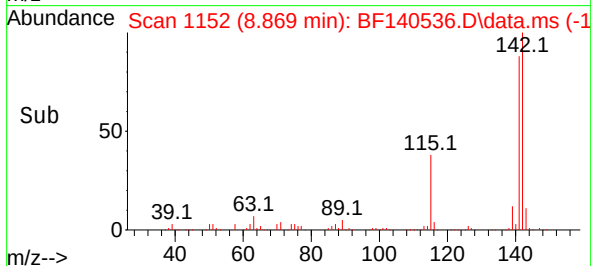
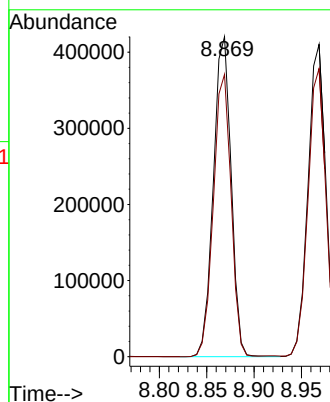
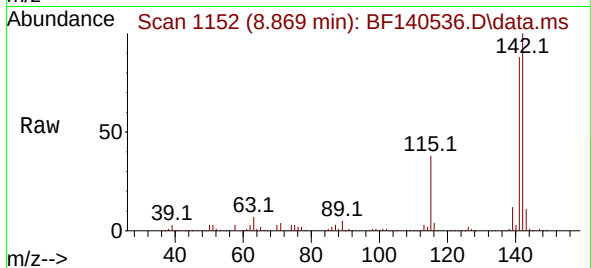
ICVBF112124

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

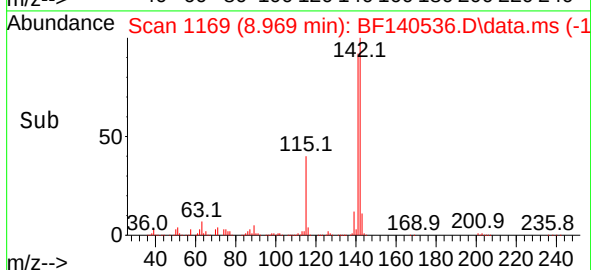
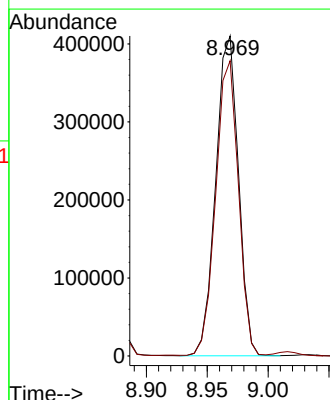
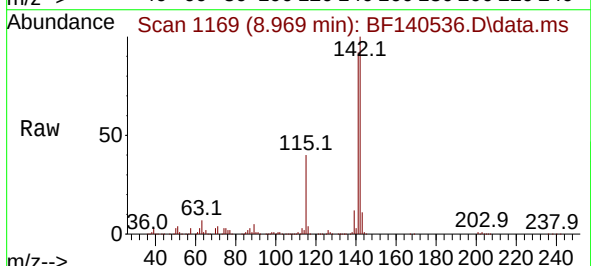
Acq: 21 Nov 2024 15:07

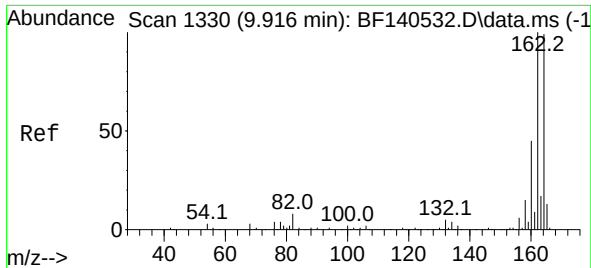
Tgt Ion:142 Resp: 531502

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

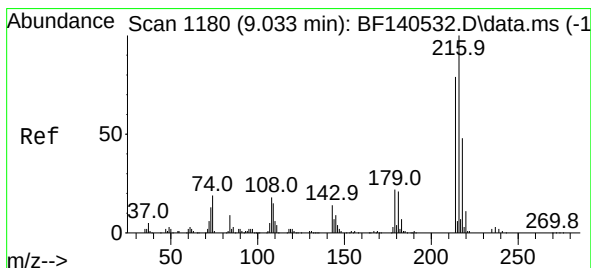
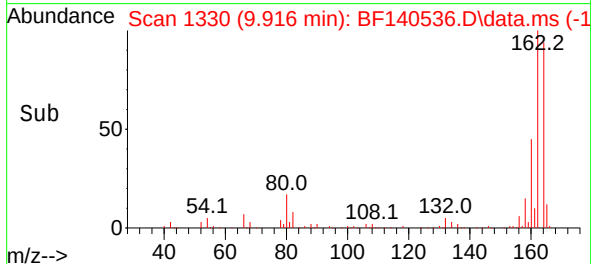
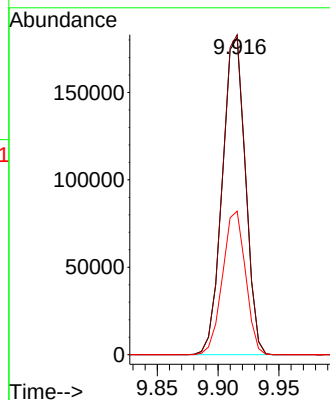
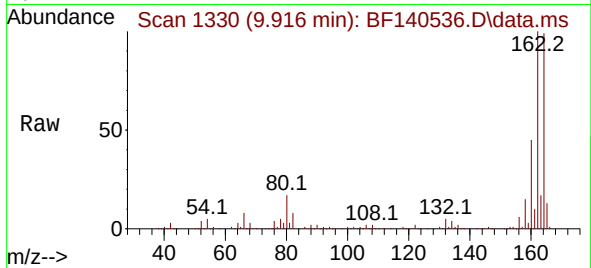
Tgt Ion:164 Resp: 239418

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

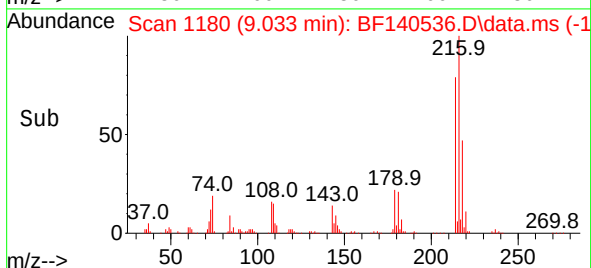
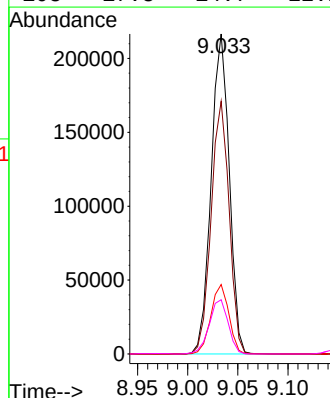
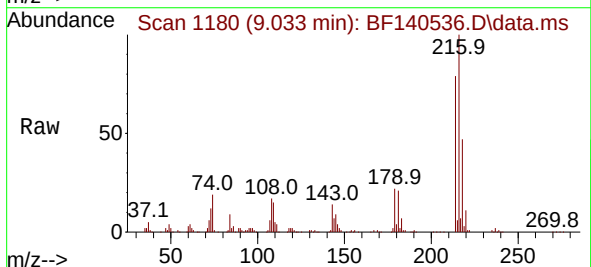
Ion Ratio Lower Upper

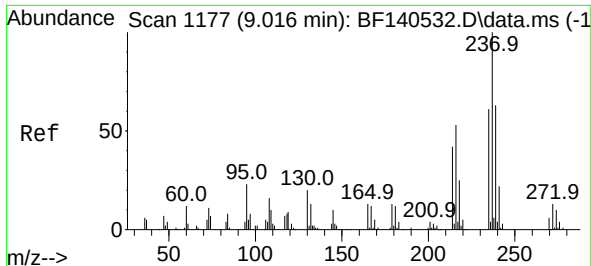
216 100

214 78.5 63.0 94.4

179 21.6 17.5 26.3

108 17.8 14.7 22.1

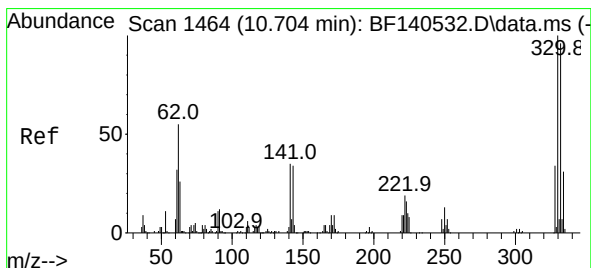
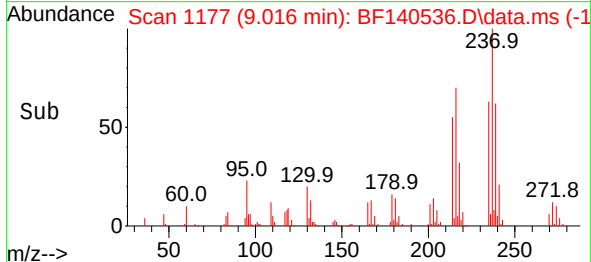
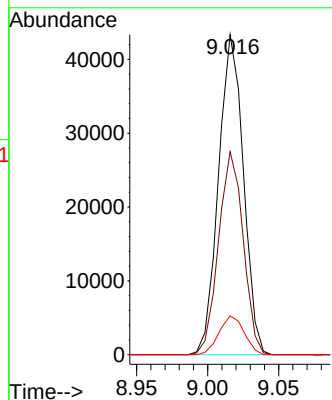
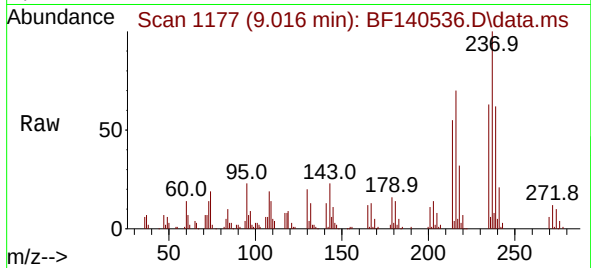




#41
Hexachlorocyclopentadiene
Concen: 37.711 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

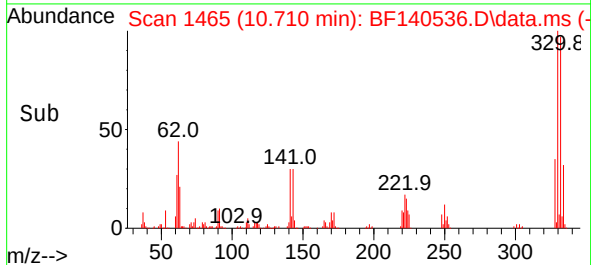
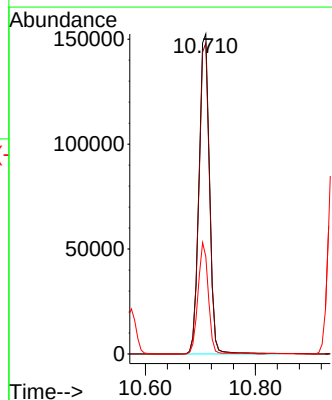
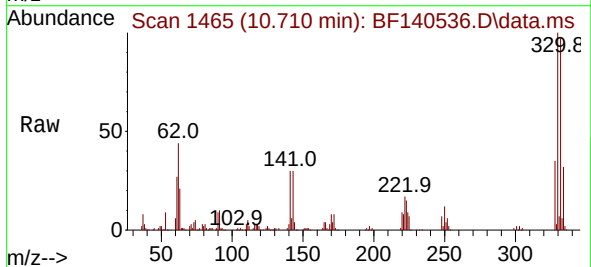
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

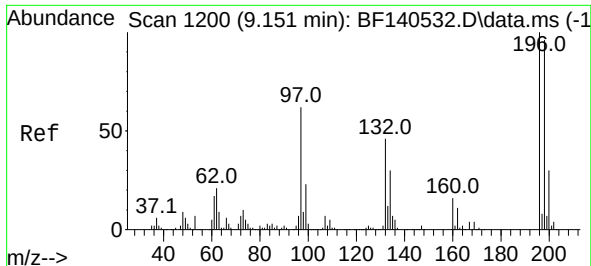
Tgt Ion:237 Resp: 52730
Ion Ratio Lower Upper
237 100
235 63.4 41.1 81.1
272 12.2 0.0 32.6



#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

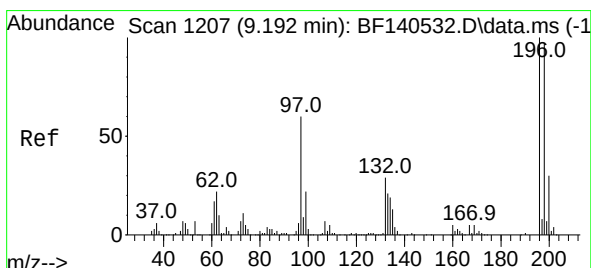
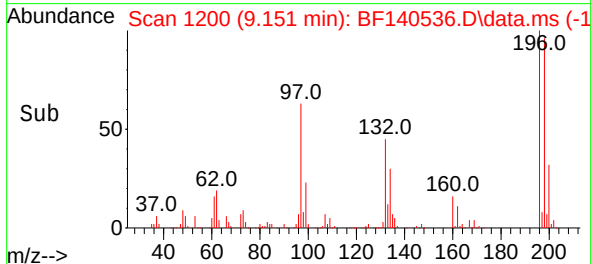
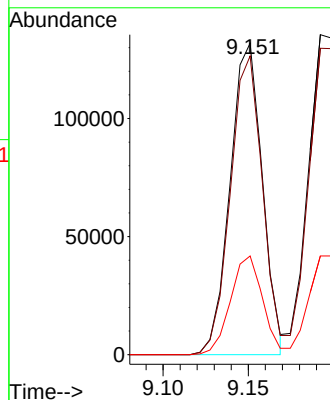
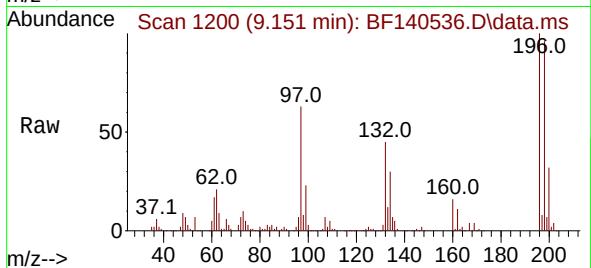
Tgt Ion:196 Resp: 173239

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

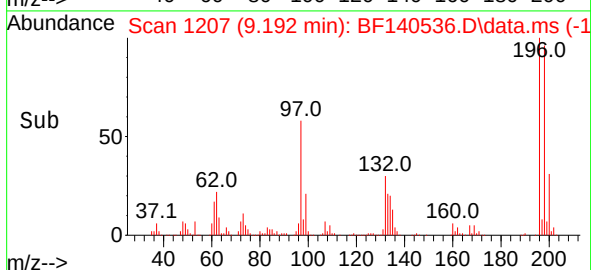
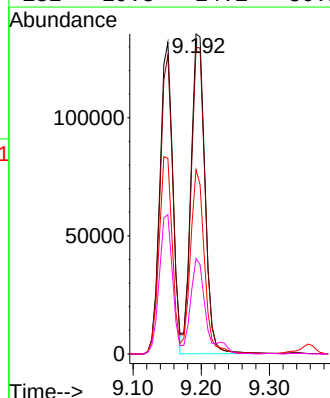
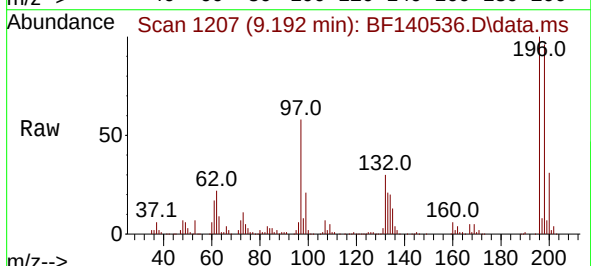
Ion Ratio Lower Upper

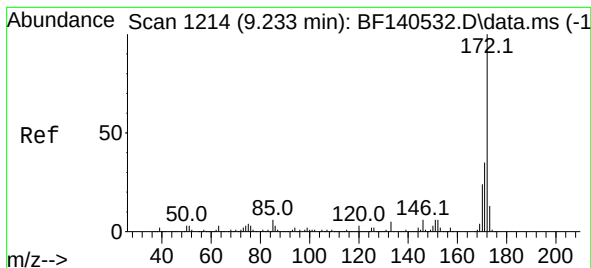
196 100

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

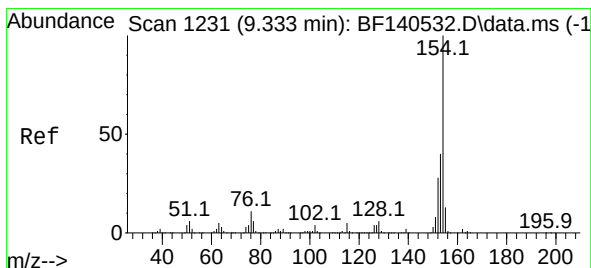
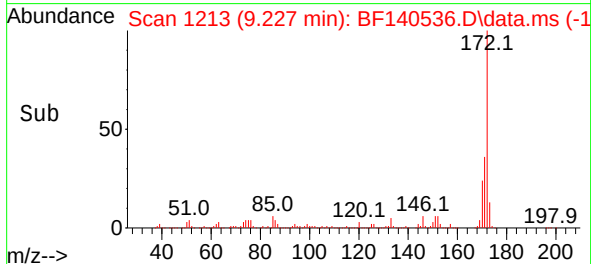
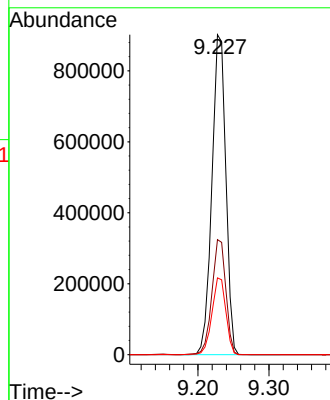
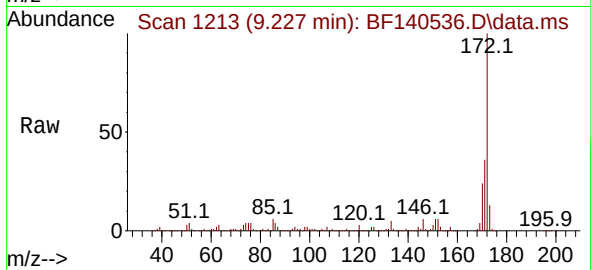
Tgt Ion:172 Resp: 1227501

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

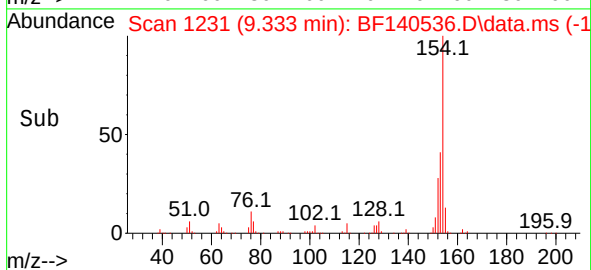
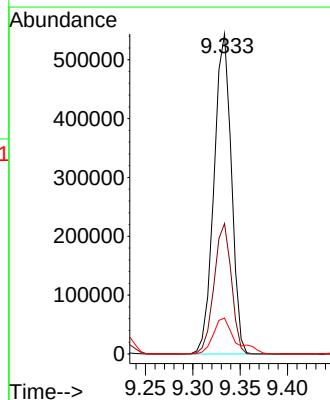
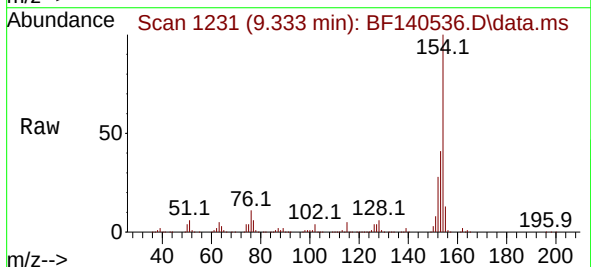
Tgt Ion:154 Resp: 693007

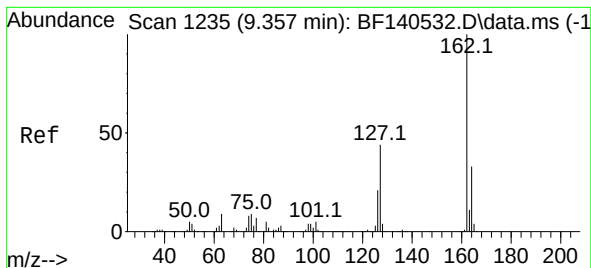
Ion Ratio Lower Upper

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

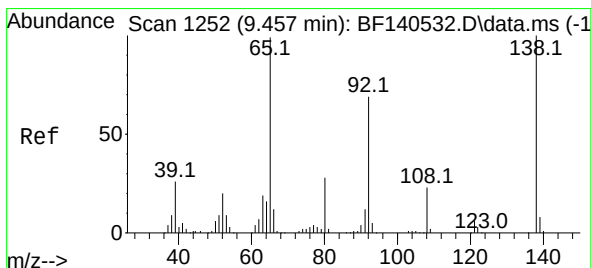
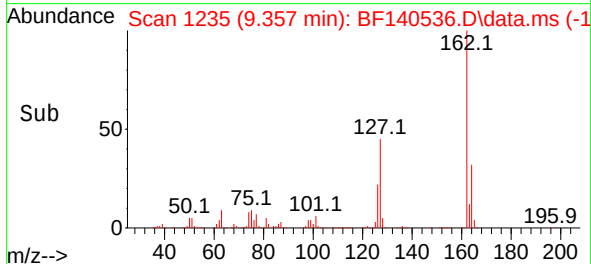
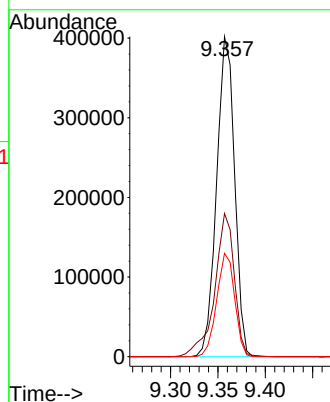
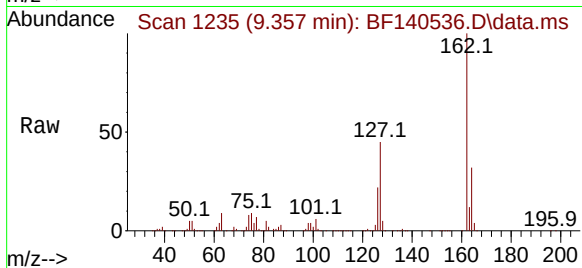
Tgt Ion:162 Resp: 530895

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

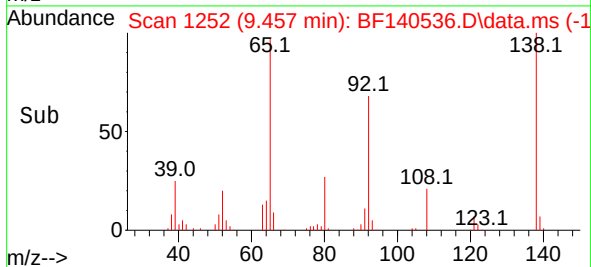
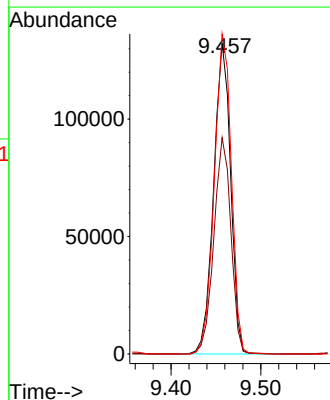
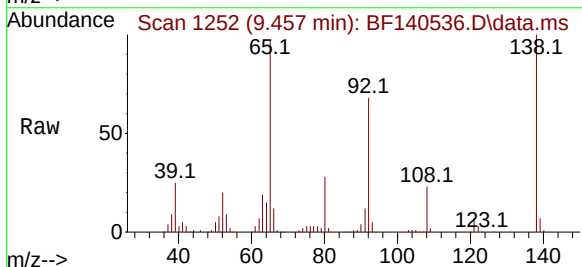
Tgt Ion: 65 Resp: 174060

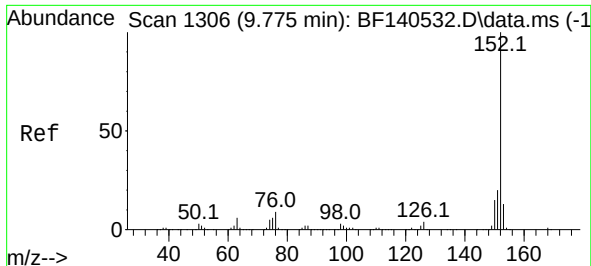
Ion Ratio Lower Upper

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

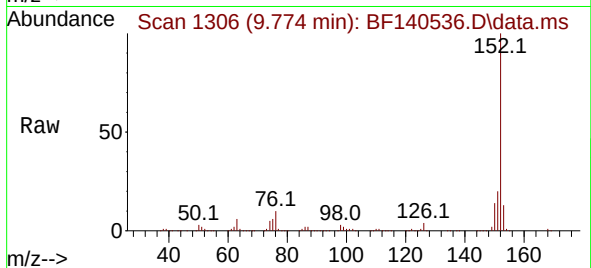
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



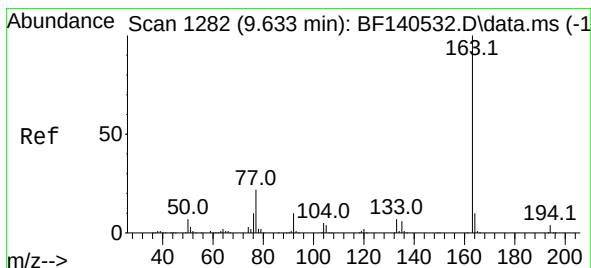
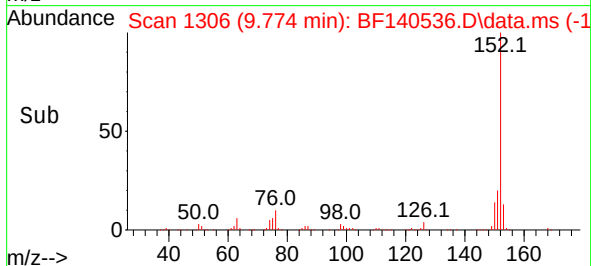
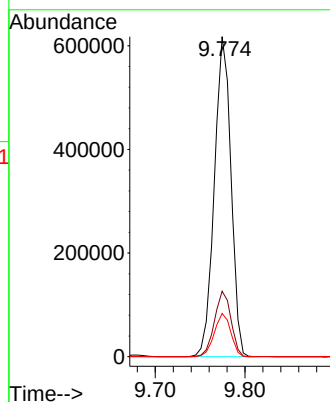
Tgt Ion:152 Resp: 795061

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

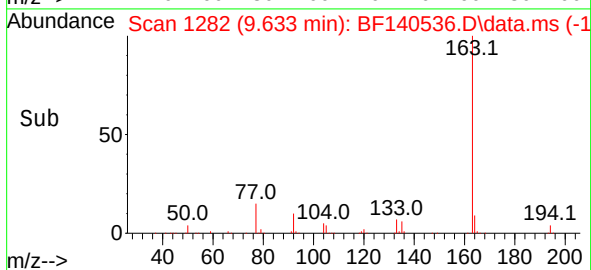
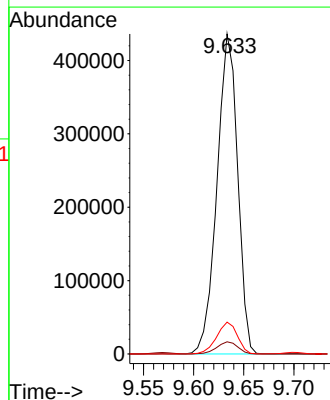
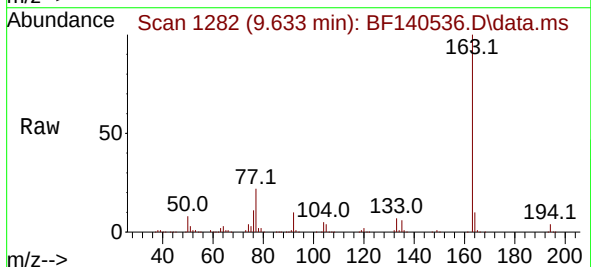
Tgt Ion:163 Resp: 624268

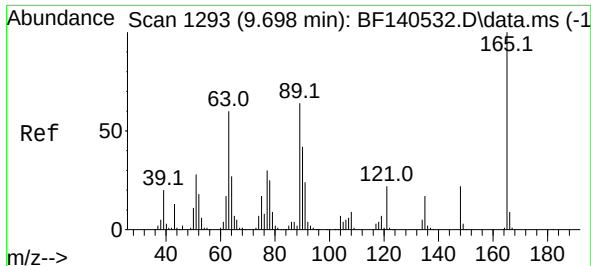
Ion Ratio Lower Upper

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

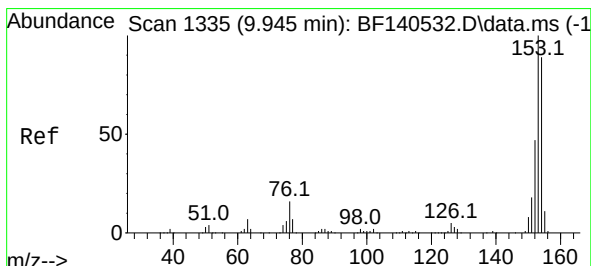
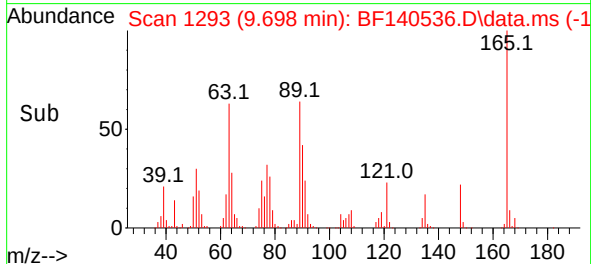
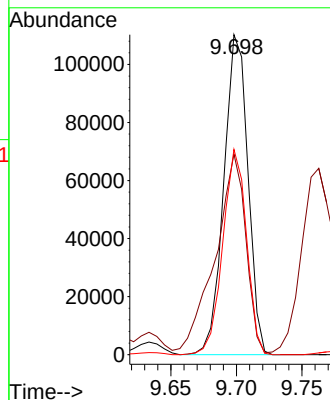
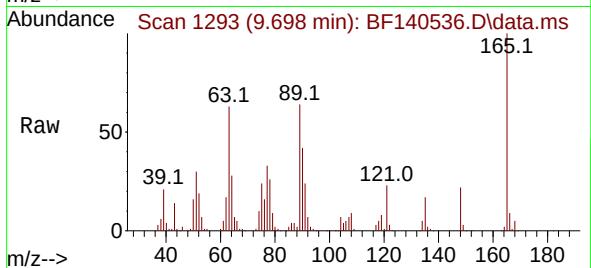
Tgt Ion:165 Resp: 140739

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

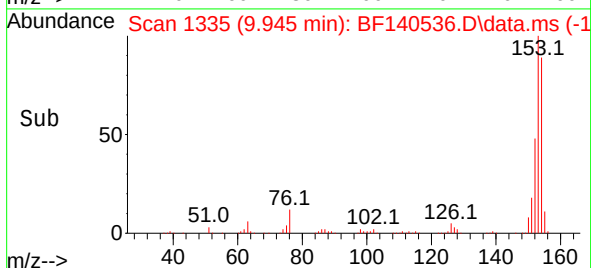
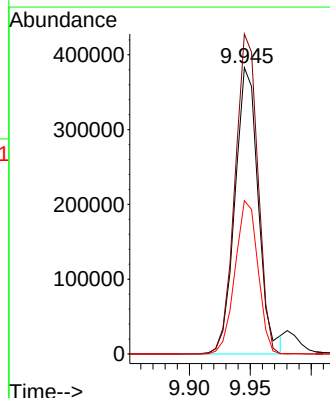
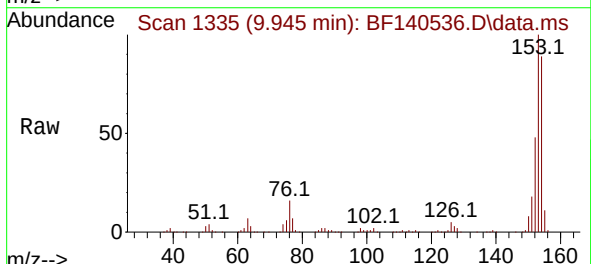
Tgt Ion:154 Resp: 510276

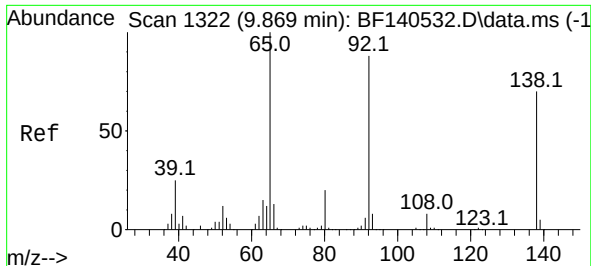
Ion Ratio Lower Upper

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

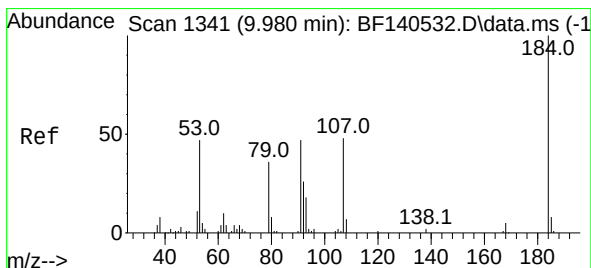
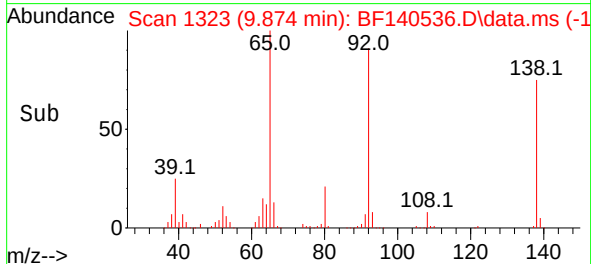
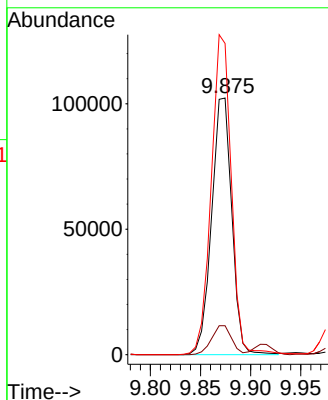
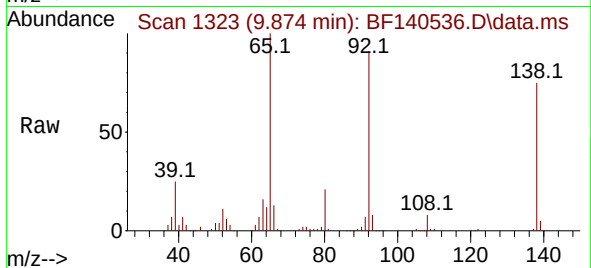
Tgt Ion:138 Resp: 143055

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

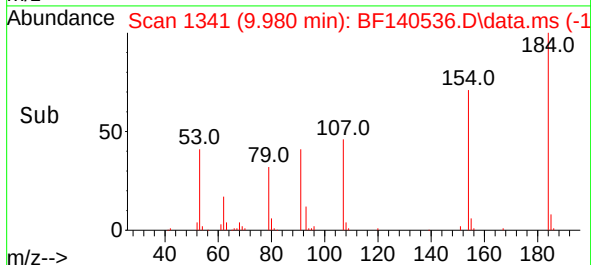
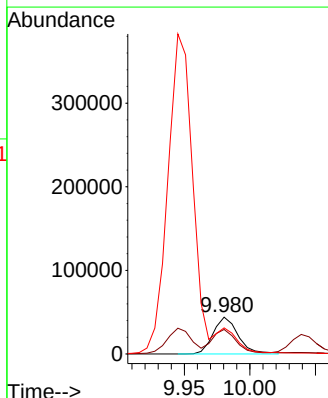
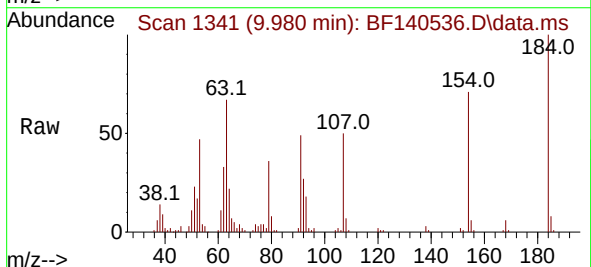
Tgt Ion:184 Resp: 58542

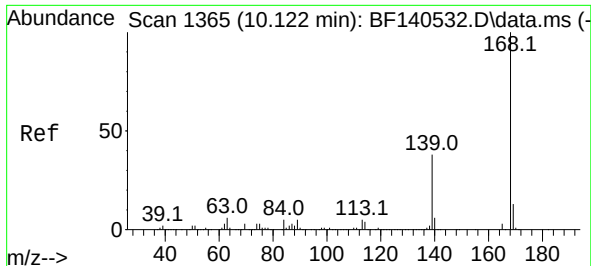
Ion Ratio Lower Upper

184 100

63 66.6 54.1 81.1

154 71.0 57.4 86.0

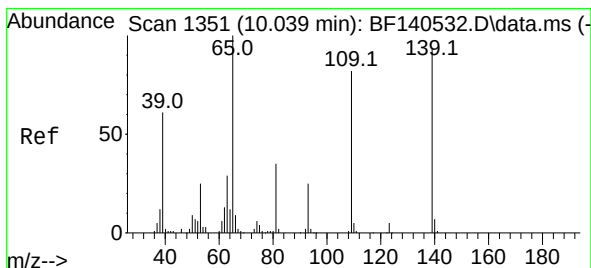
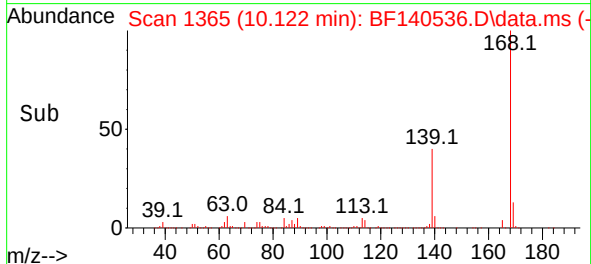
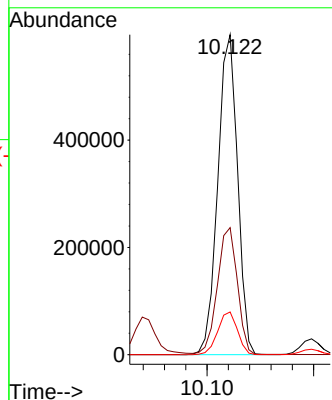
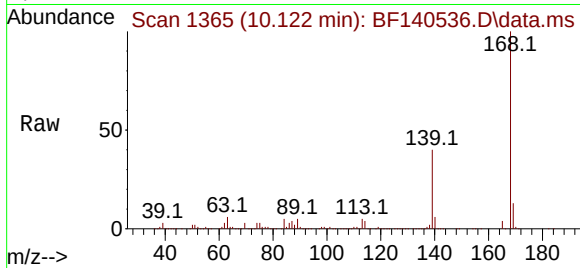




#55
Dibenzenofuran
Concen: 38.644 ng
RT: 10.122 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

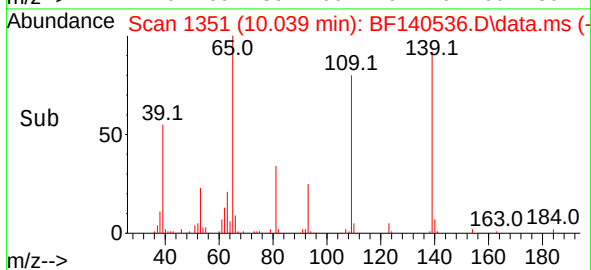
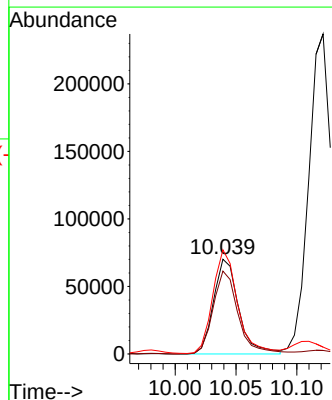
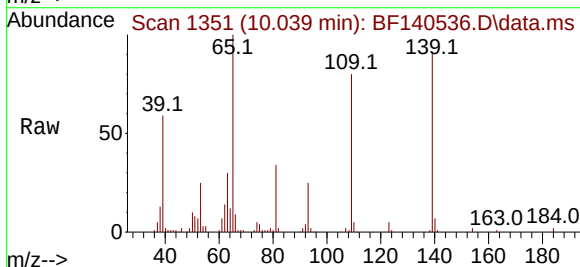
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

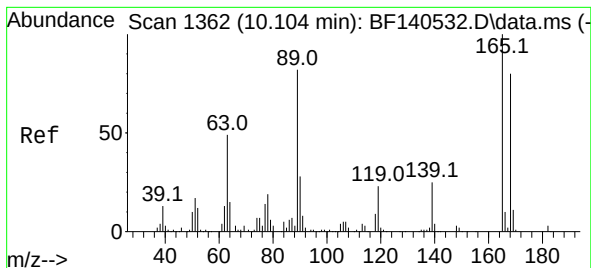
Tgt Ion:168 Resp: 766460
Ion Ratio Lower Upper
168 100
139 39.7 31.3 46.9
169 13.4 10.5 15.7



#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

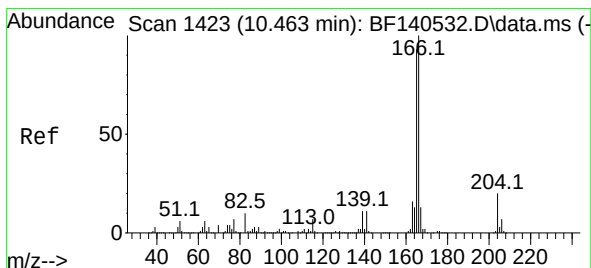
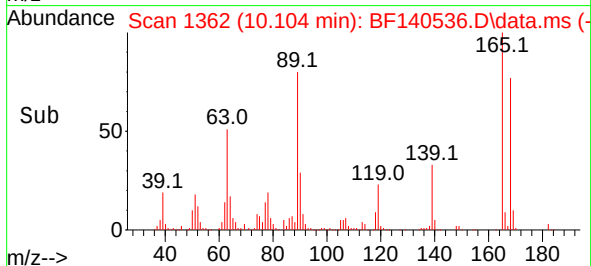
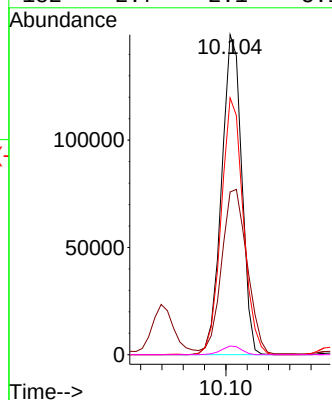
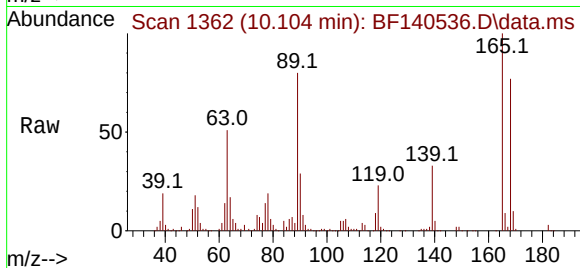




#57
2,4-Dinitrotoluene
Concen: 41.025 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

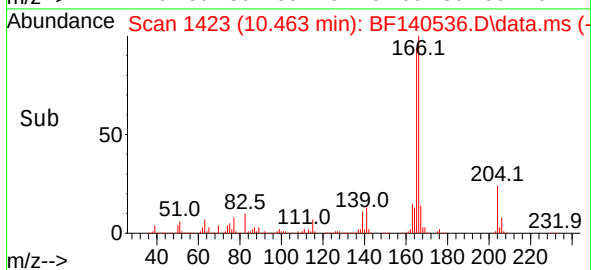
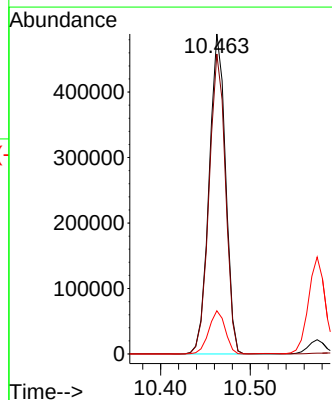
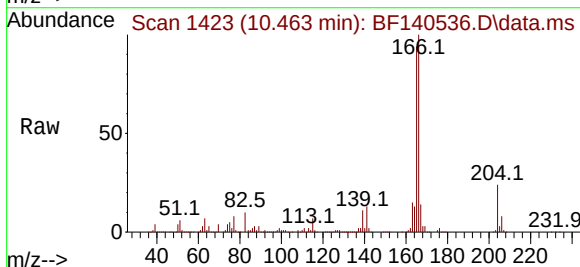
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

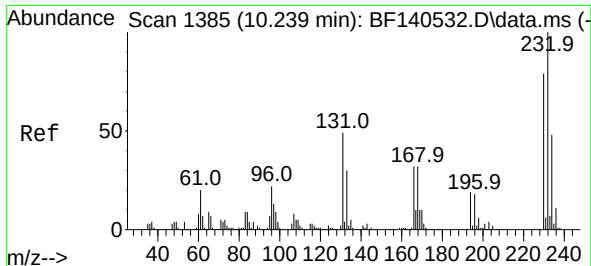
Tgt Ion:165 Resp: 194980
Ion Ratio Lower Upper
165 100
63 50.9 41.7 62.5
89 80.3 65.8 98.8
182 2.7 2.1 3.1



#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

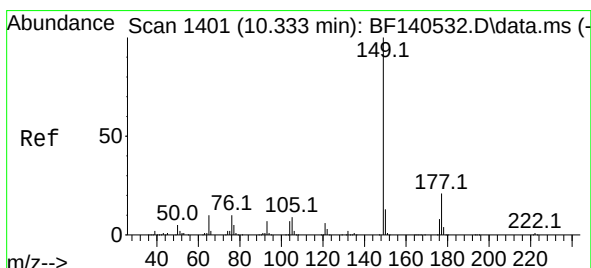
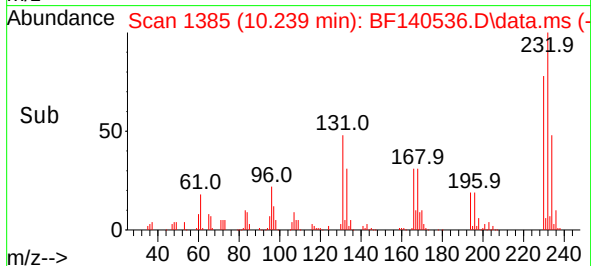
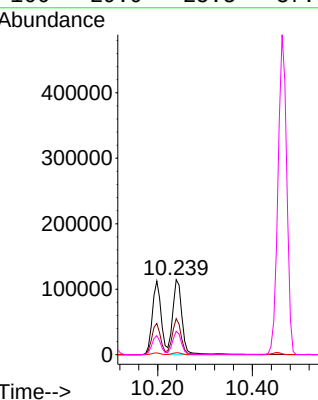
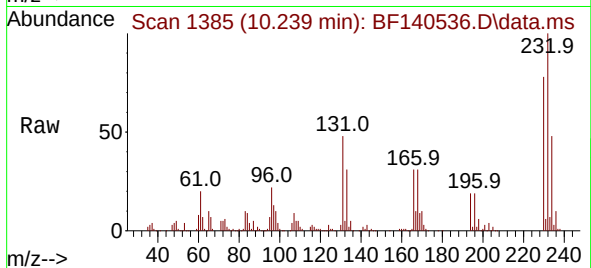
Ion Ratio Lower Upper

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

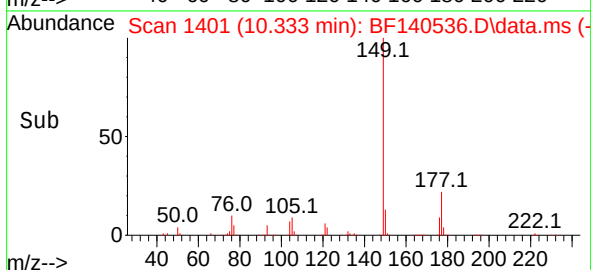
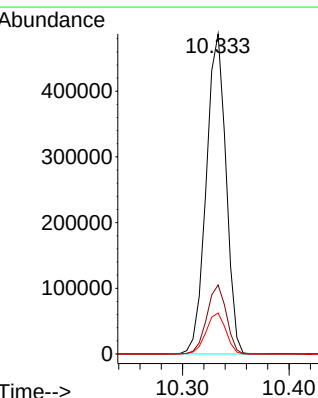
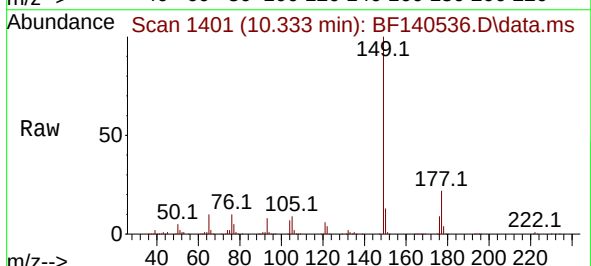
Tgt Ion:149 Resp: 626046

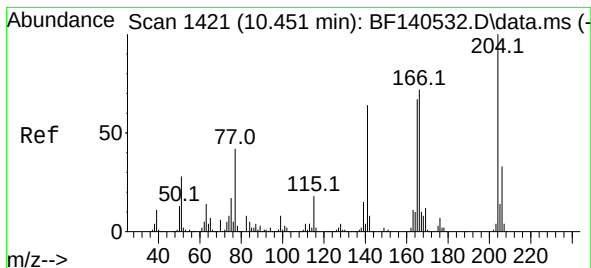
Ion Ratio Lower Upper

149 100

177 21.5 17.1 25.7

150 12.8 10.1 15.1

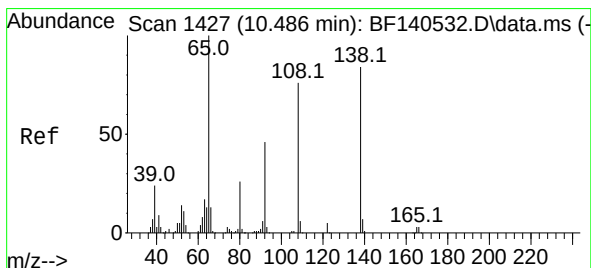
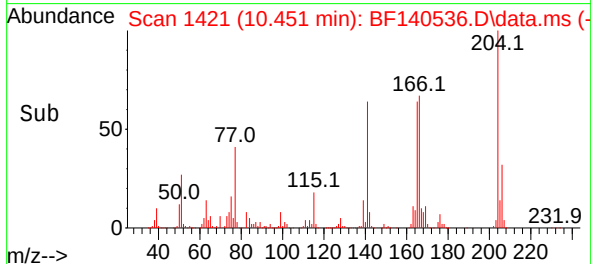
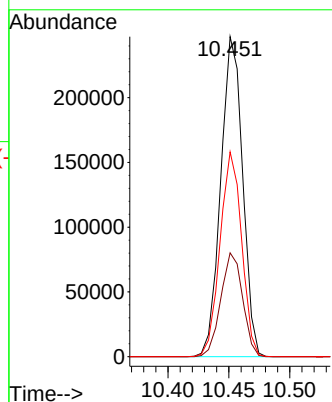
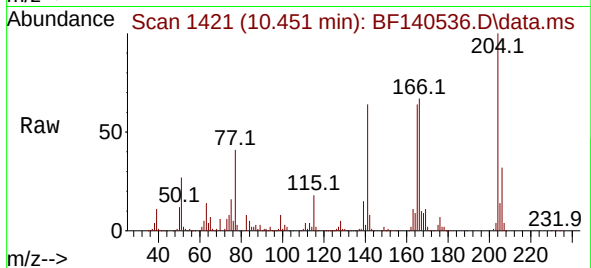




#61
4-Chlorophenyl-phenylether
Concen: 39.536 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

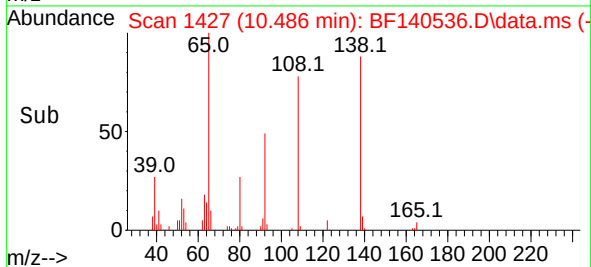
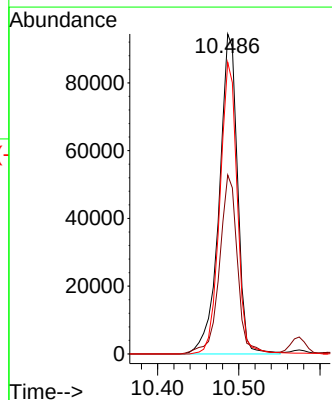
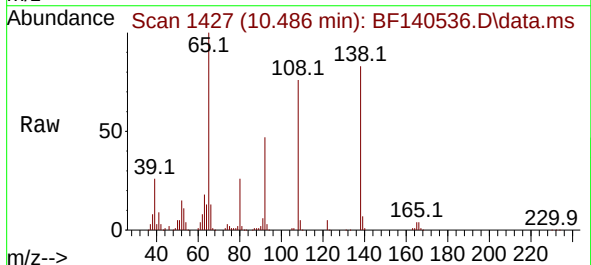
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

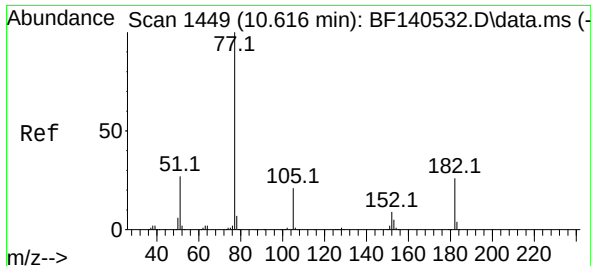
Tgt Ion:204 Resp: 308891
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 64.0 51.1 76.7



#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

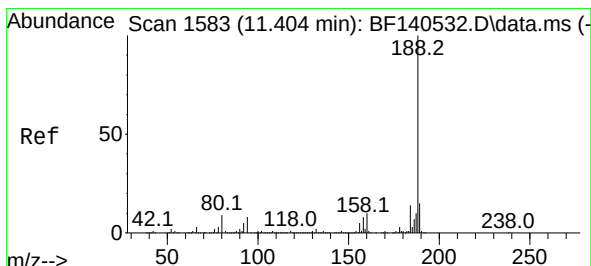
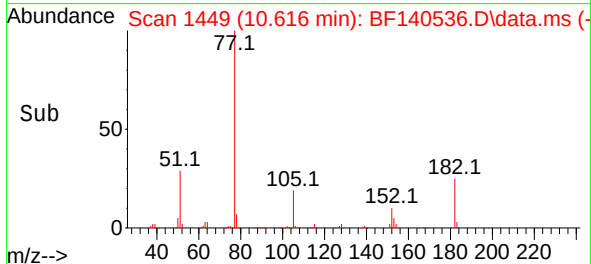
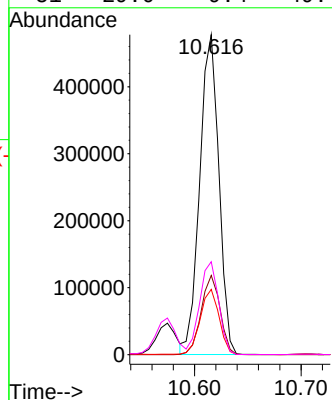
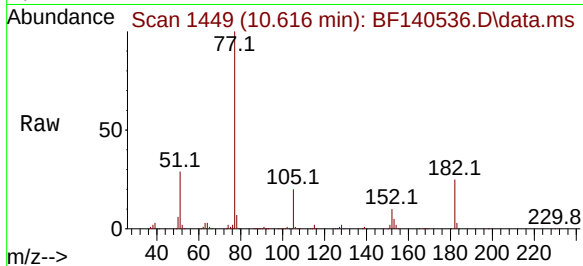




#63
Azobenzene
Concen: 39.396 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

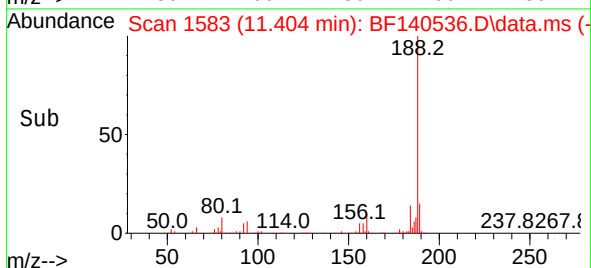
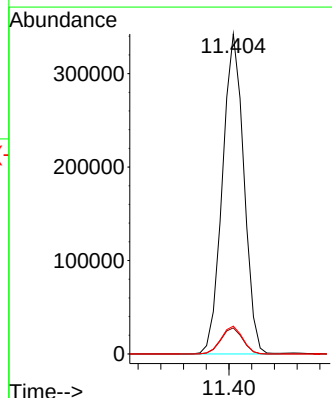
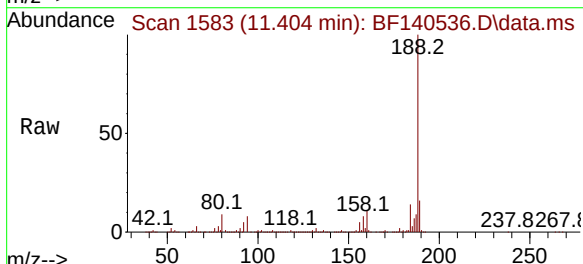
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

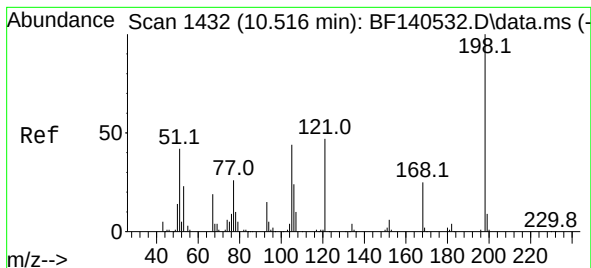
Tgt Ion:	77	Resp:	597687
Ion	Ratio	Lower	Upper
77	100		
182	24.7	5.3	45.3
105	20.4	0.3	40.3
51	29.0	9.4	49.4



#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

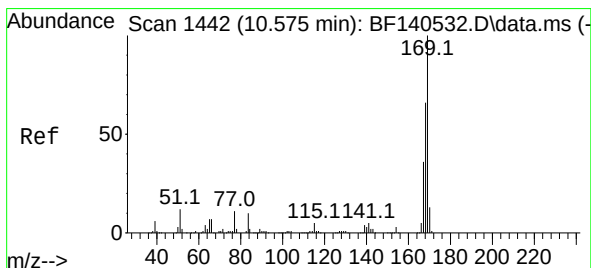
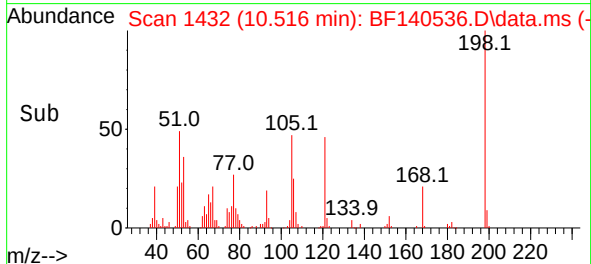
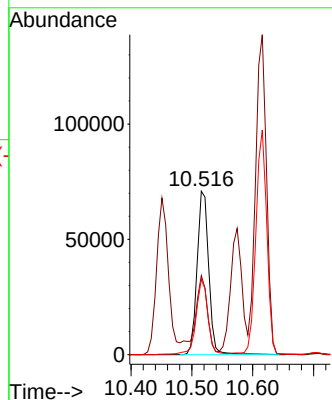
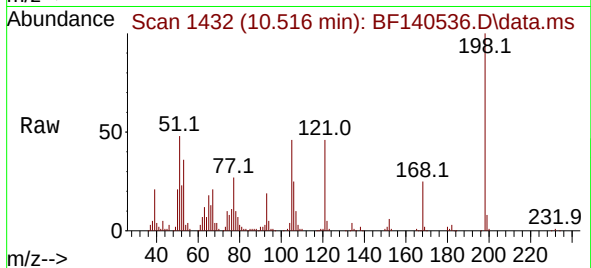




#65
4,6-Dinitro-2-methylphenol
Concen: 41.134 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

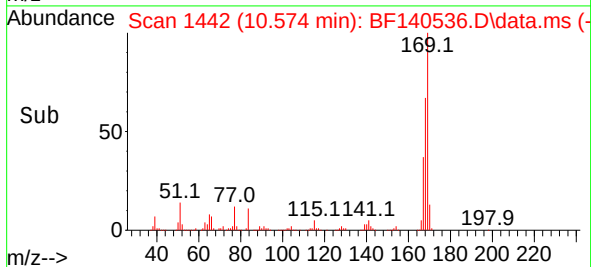
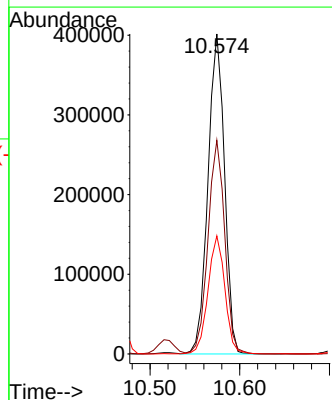
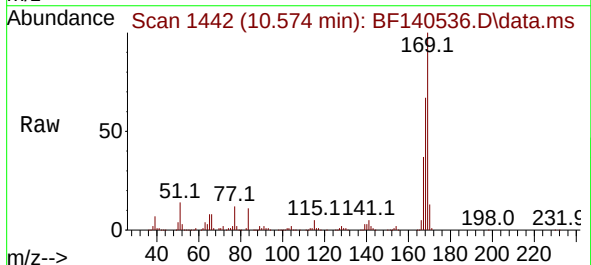
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

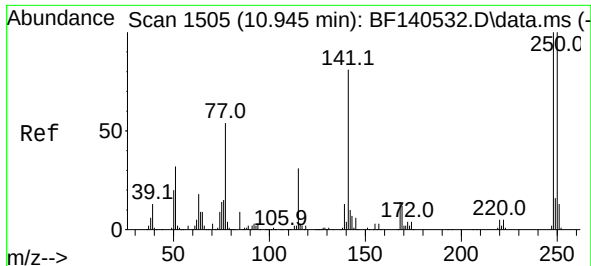
Tgt Ion:198 Resp: 94340
Ion Ratio Lower Upper
198 100
51 48.3 29.4 69.4
105 46.2 25.4 65.4



#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

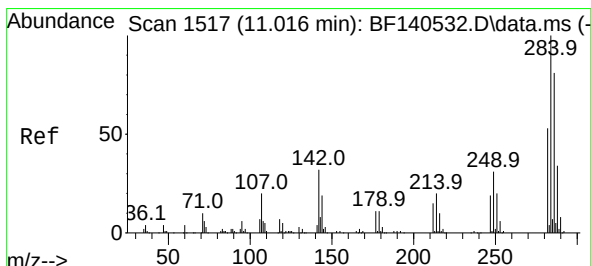
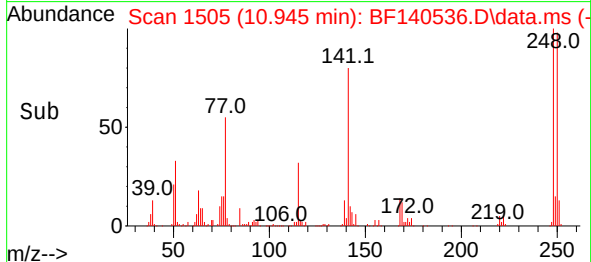
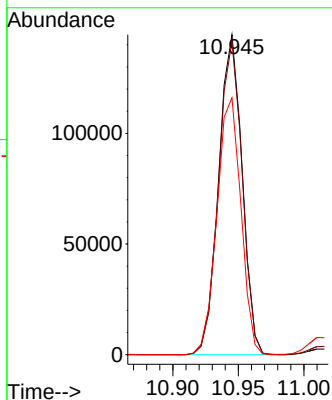
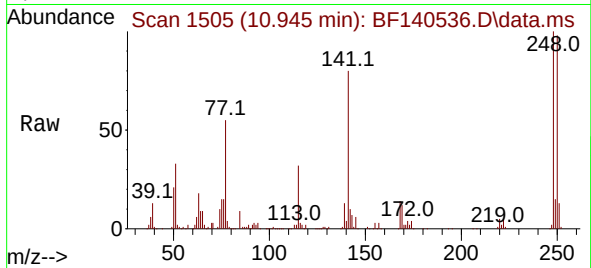




#67
4-Bromophenyl-phenylether
Concen: 38.977 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

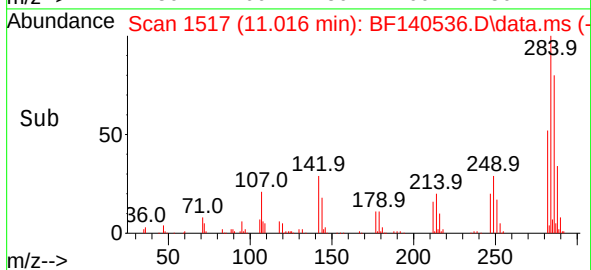
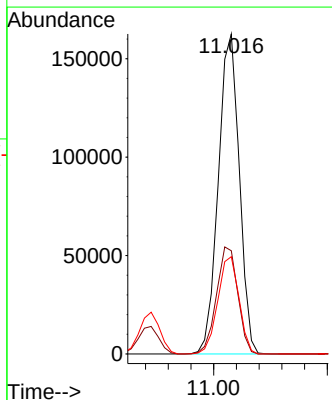
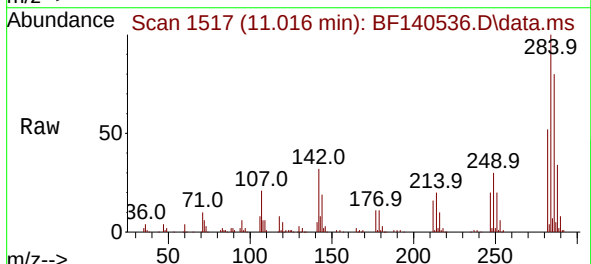
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

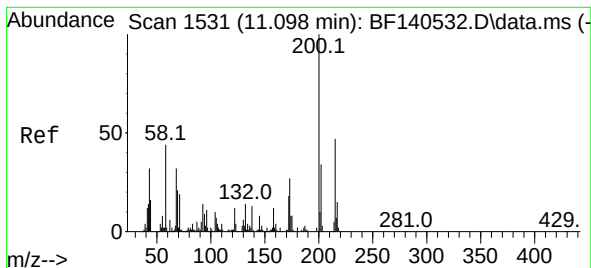
Tgt Ion:248 Resp: 180160
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.8
141 80.3 64.7 97.1



#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

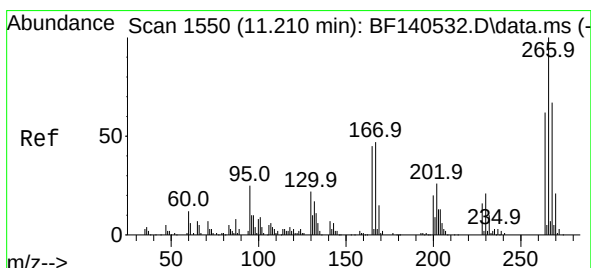
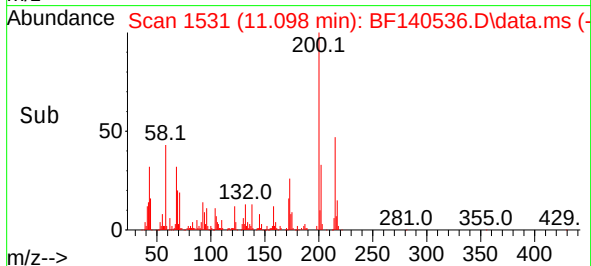
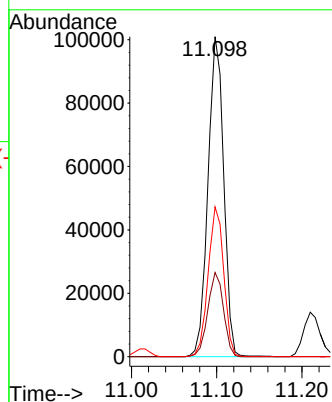
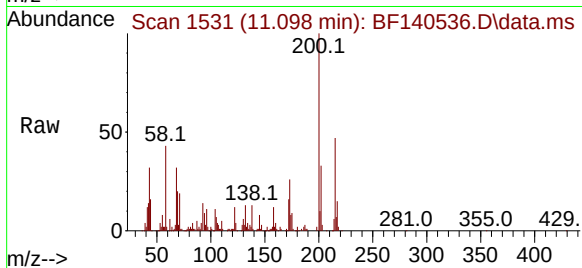
Tgt Ion:200 Resp: 129353

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

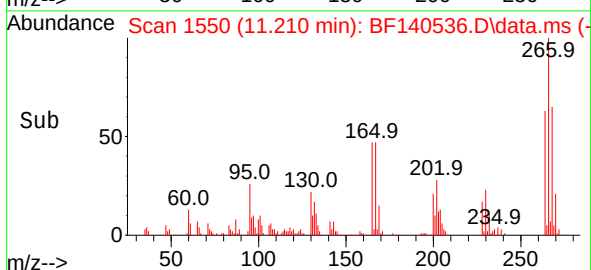
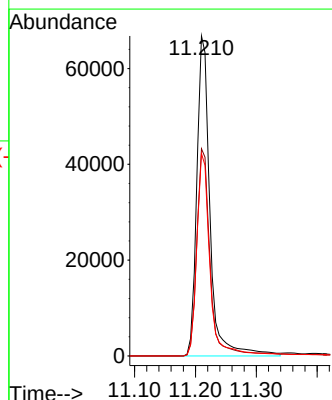
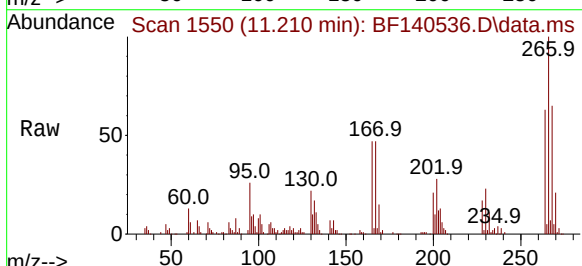
Tgt Ion:266 Resp: 100767

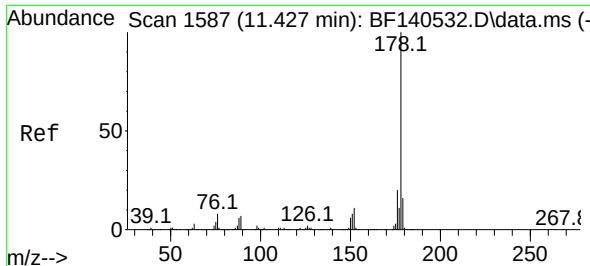
Ion Ratio Lower Upper

266 100

268 64.8 53.7 80.5

264 63.3 49.8 74.8

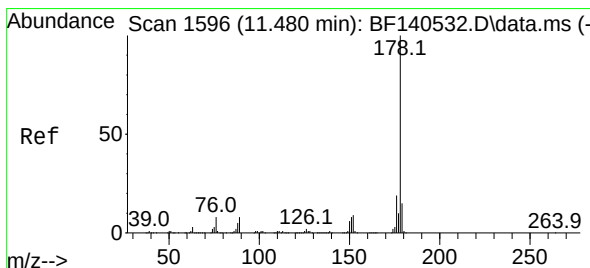
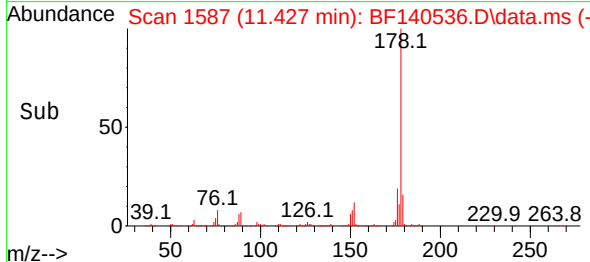
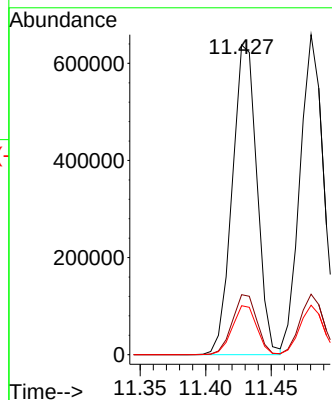
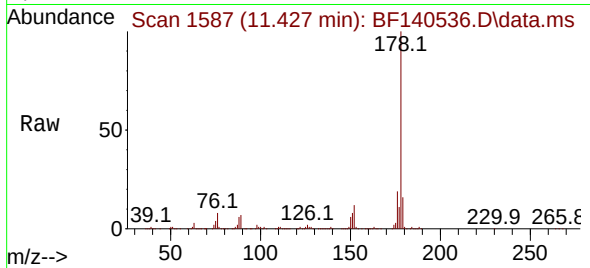




#71
Phenanthrene
Concen: 38.861 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

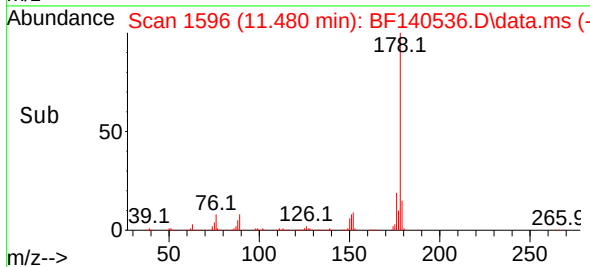
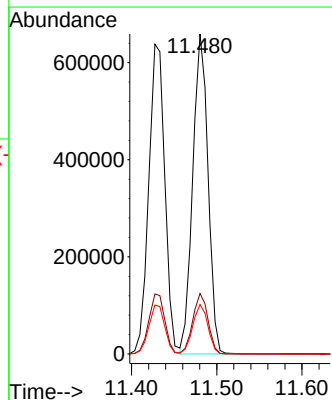
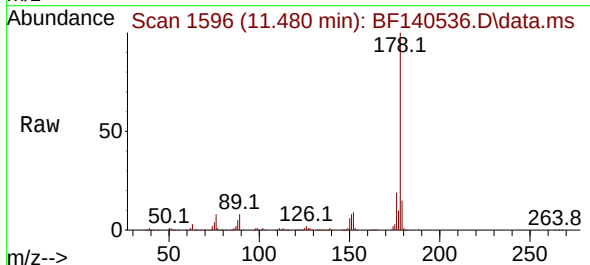
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

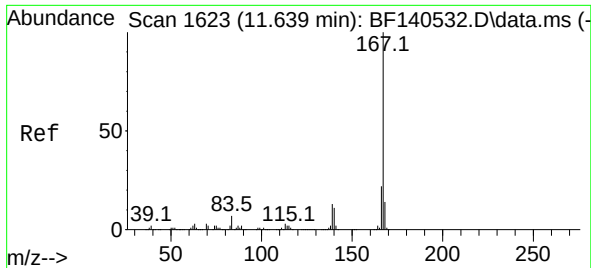
Tgt Ion:178 Resp: 838392
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.8 12.4 18.6



#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

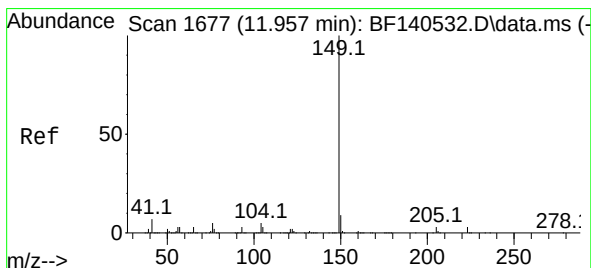
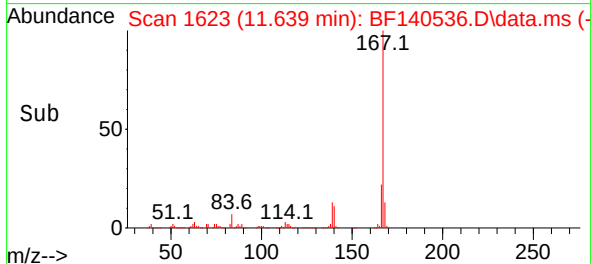
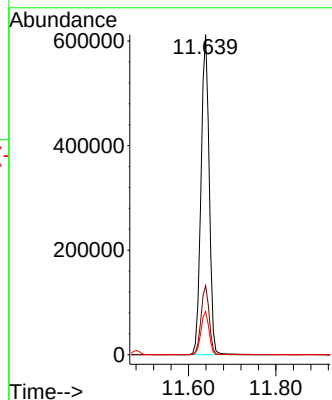
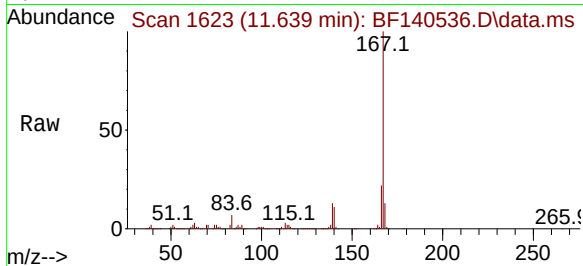




#73
 Carbazole
 Concen: 39.207 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.000 min
 Lab File: BF140536.D
 Acq: 21 Nov 2024 15:07

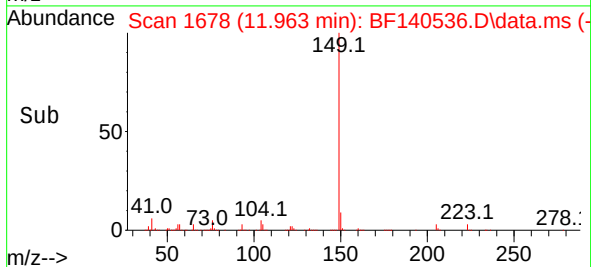
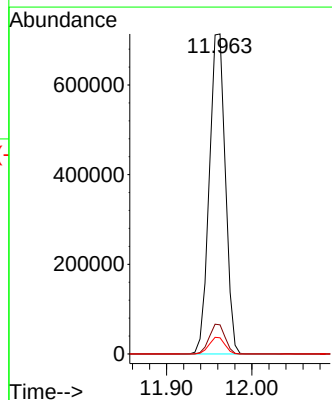
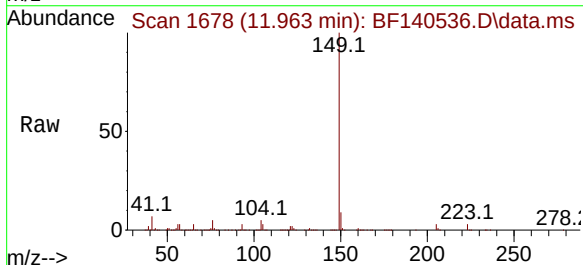
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

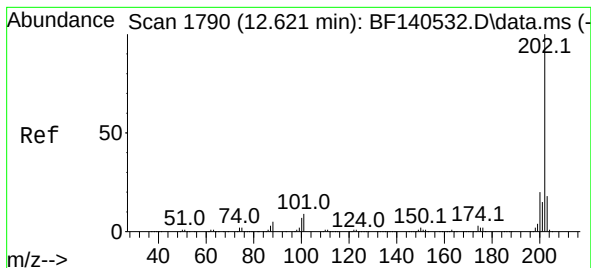
Tgt	Ion:167	Resp:	795975
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.4	10.6	15.8



#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

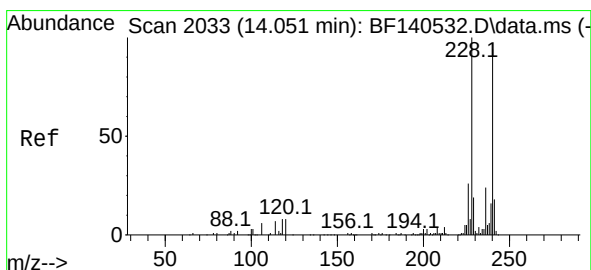
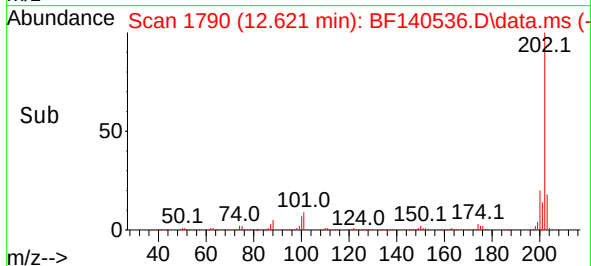
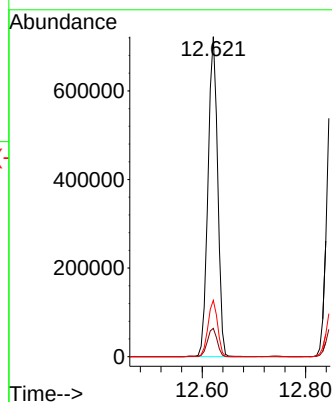
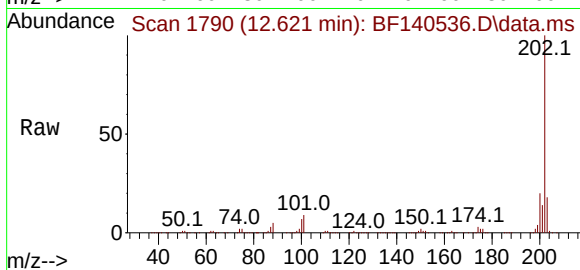
Tgt Ion:202 Resp: 937019

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

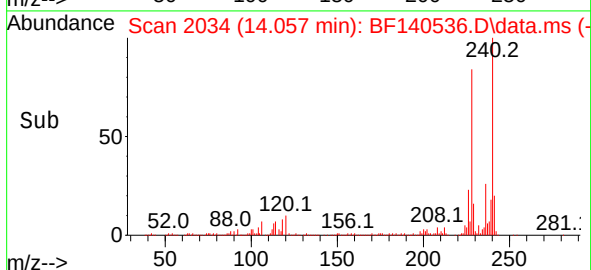
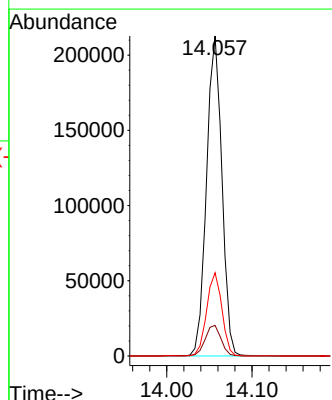
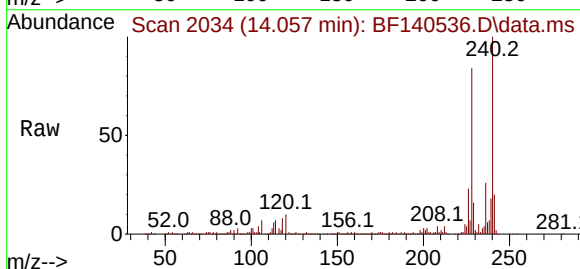
Tgt Ion:240 Resp: 266538

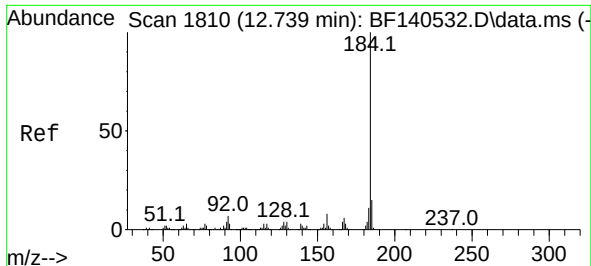
Ion Ratio Lower Upper

240 100

120 9.6 7.3 10.9

236 26.0 20.6 31.0

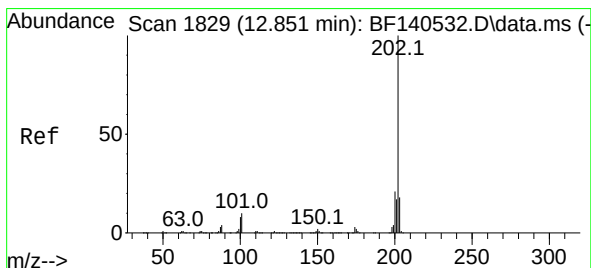
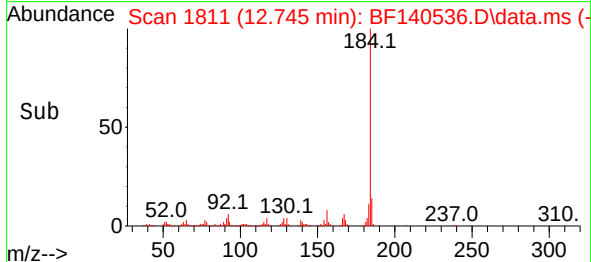
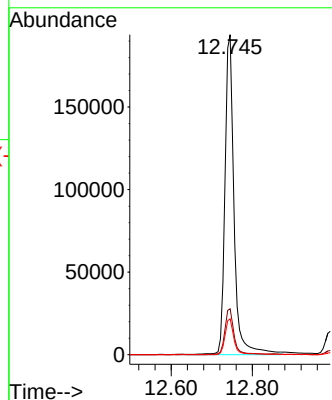
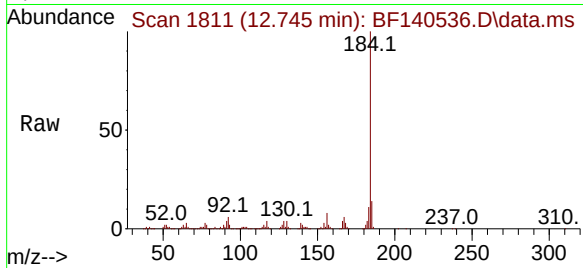




#77
Benzidine
Concen: 39.351 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

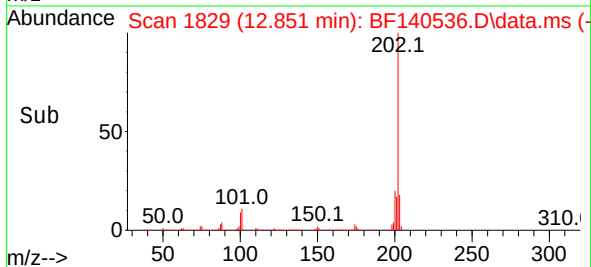
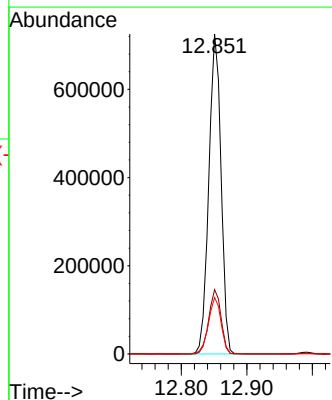
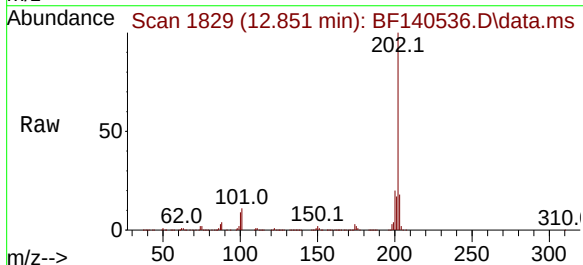
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

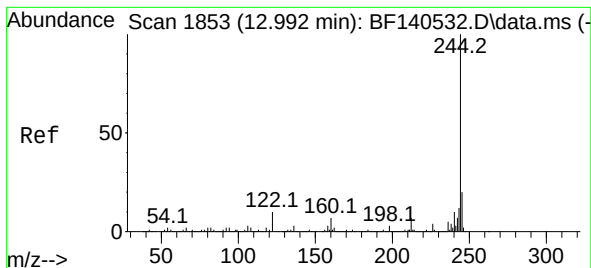
Tgt Ion:184 Resp: 304946
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 8.8 13.2



#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

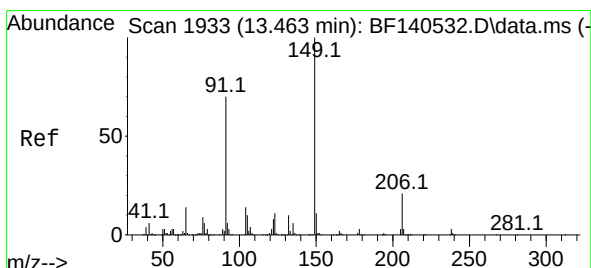
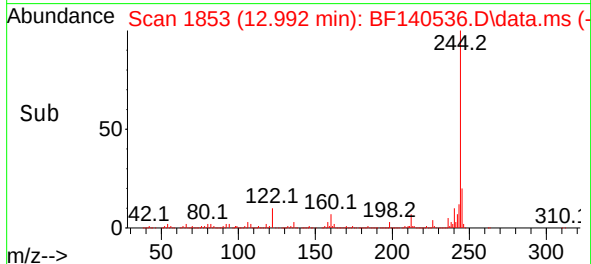
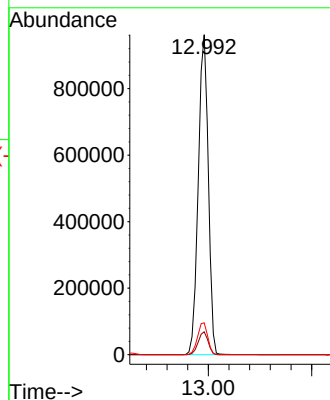
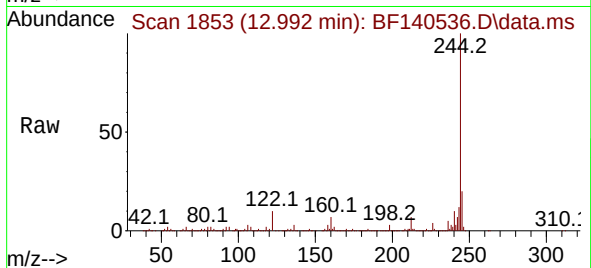
Tgt Ion:244 Resp: 1291669

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

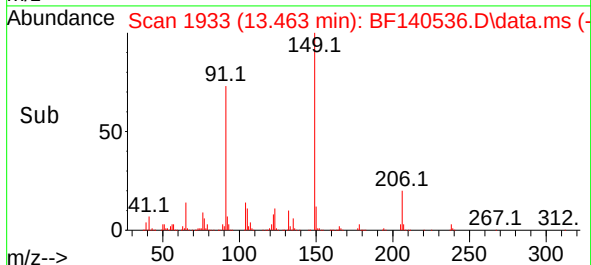
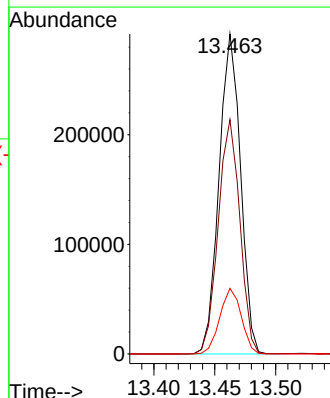
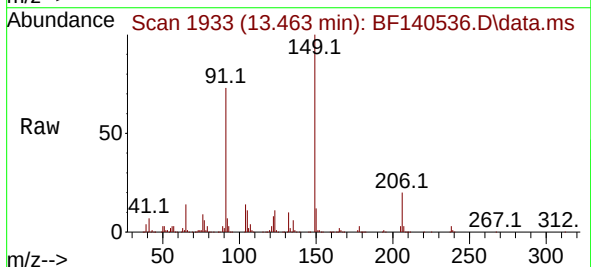
Tgt Ion:149 Resp: 359930

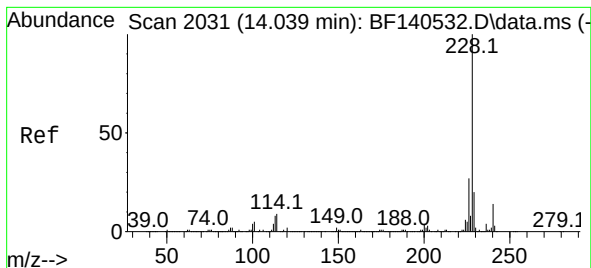
Ion Ratio Lower Upper

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

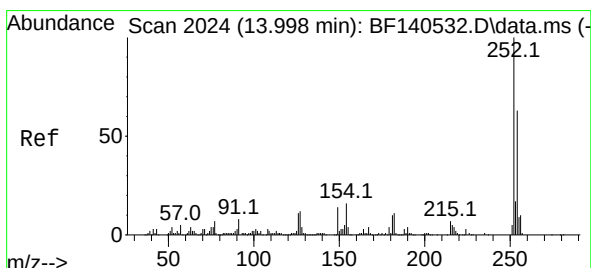
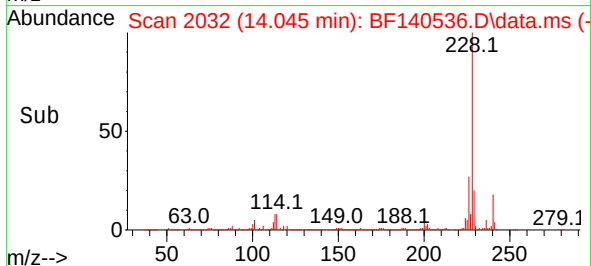
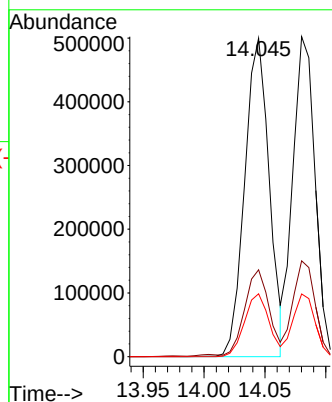
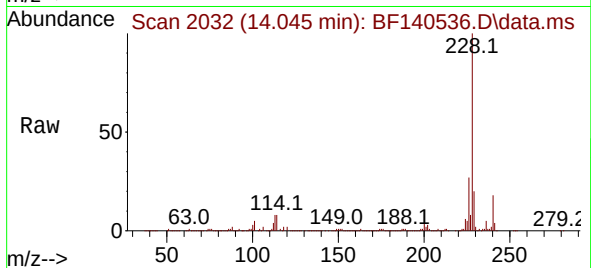
Tgt Ion:228 Resp: 700865

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

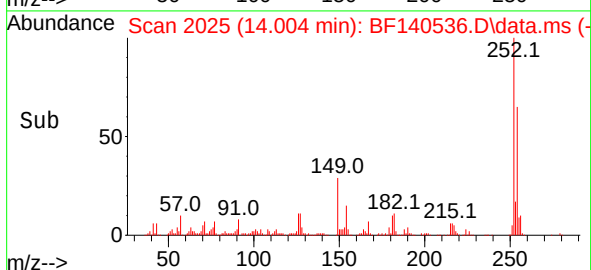
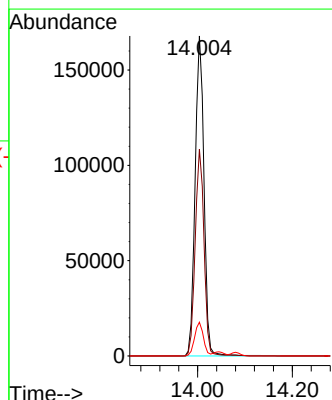
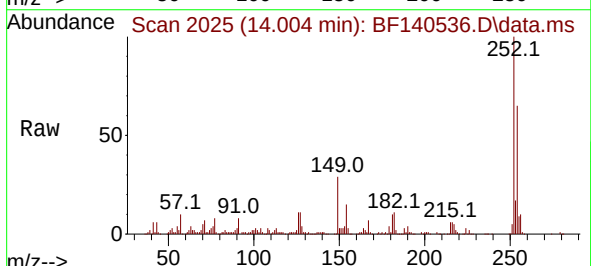
Tgt Ion:252 Resp: 217249

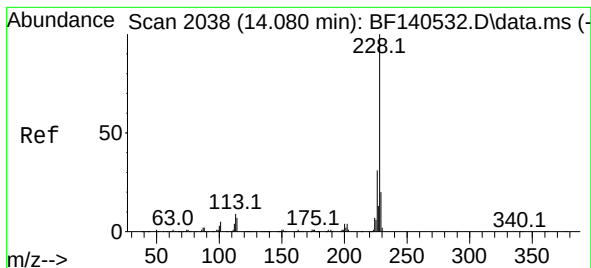
Ion Ratio Lower Upper

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

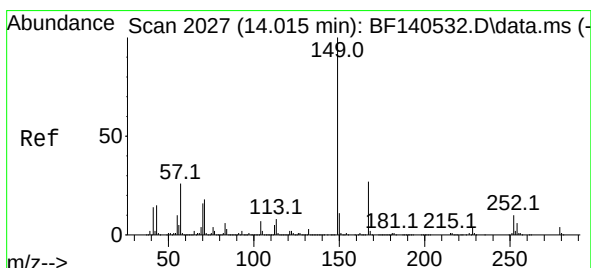
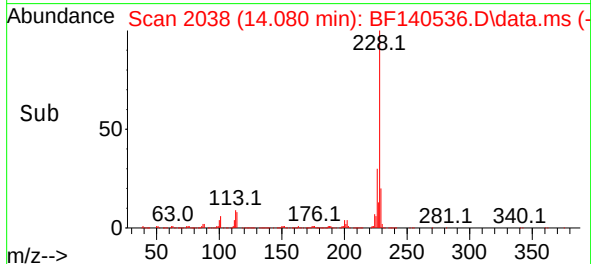
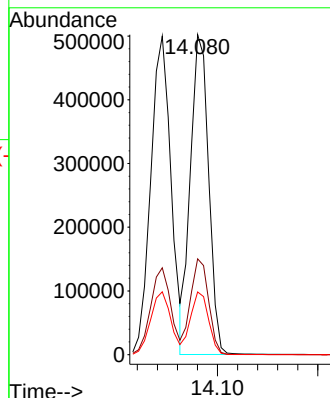
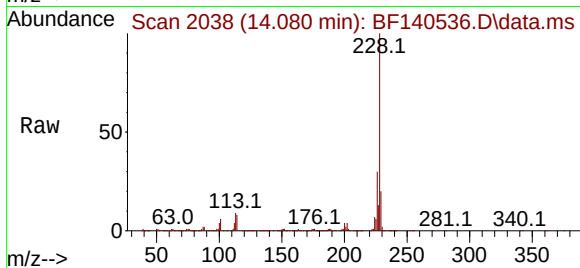
Tgt Ion:228 Resp: 635750

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

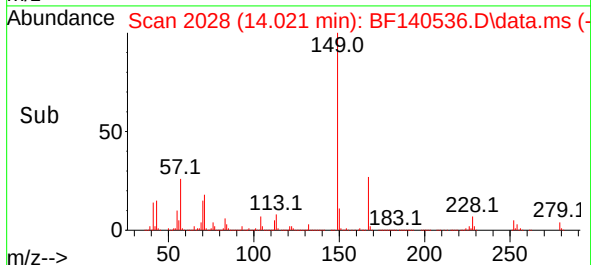
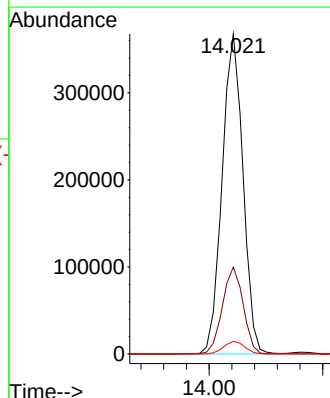
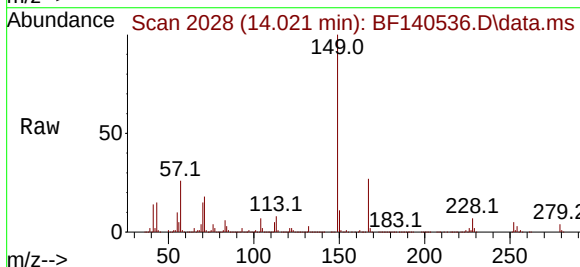
Tgt Ion:149 Resp: 468853

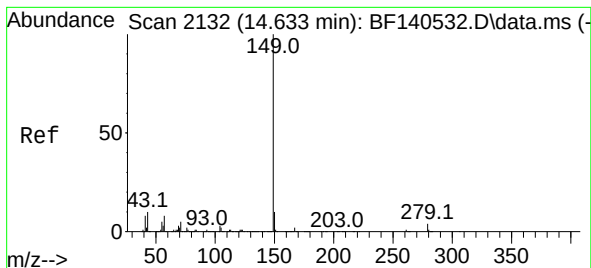
Ion Ratio Lower Upper

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

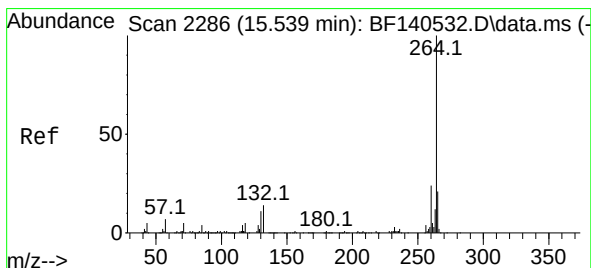
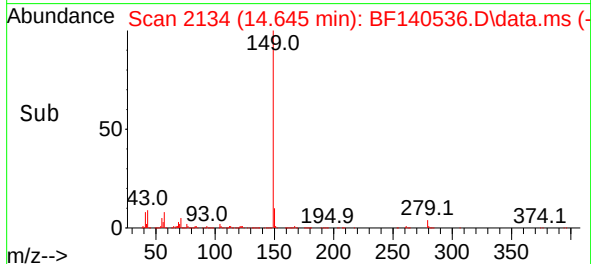
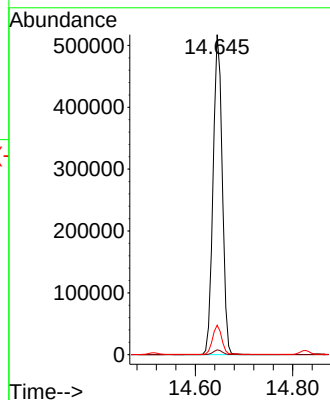
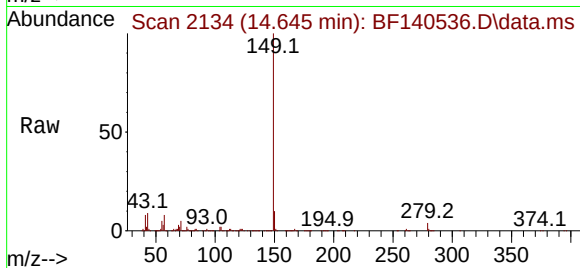
Tgt Ion:149 Resp: 673561

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

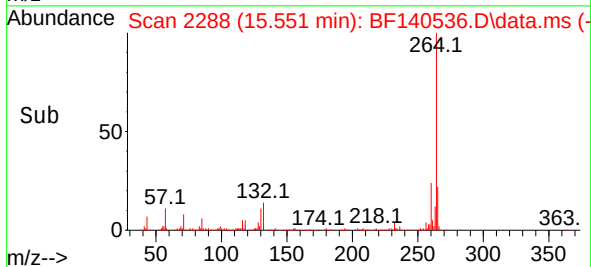
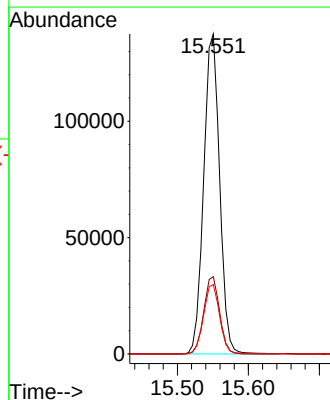
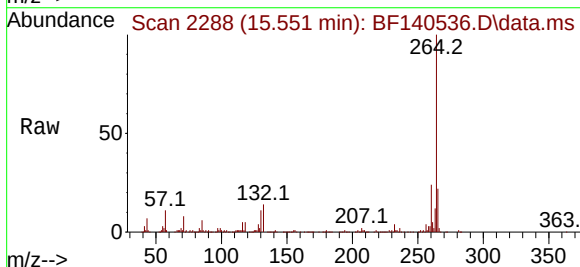
Tgt Ion:264 Resp: 215076

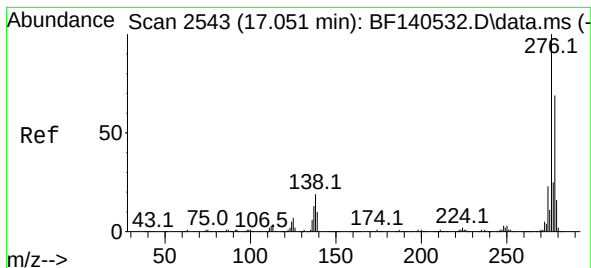
Ion Ratio Lower Upper

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

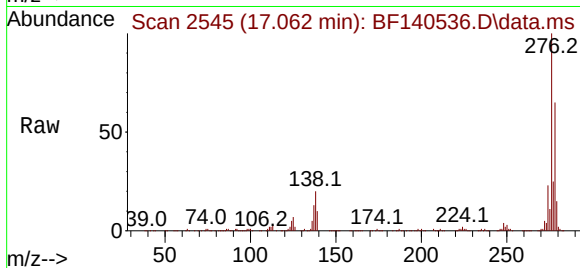
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



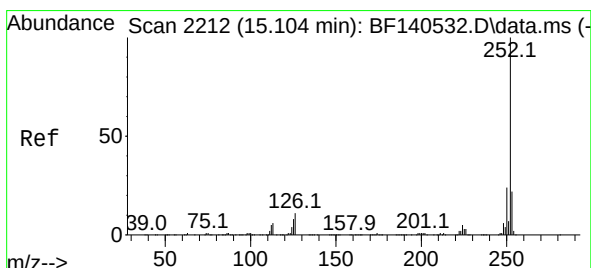
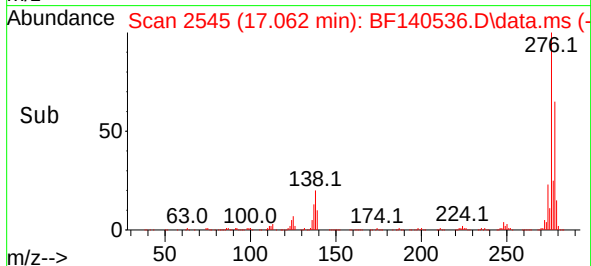
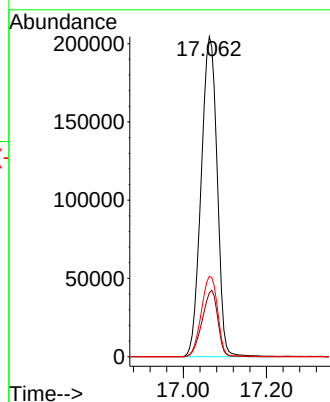
Tgt Ion:276 Resp: 546567

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

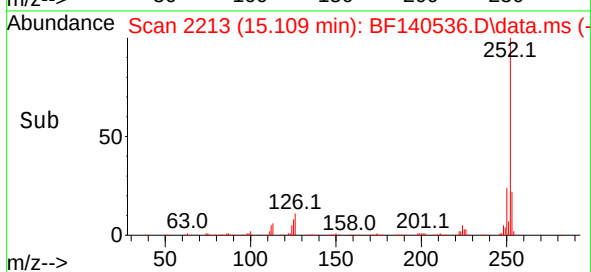
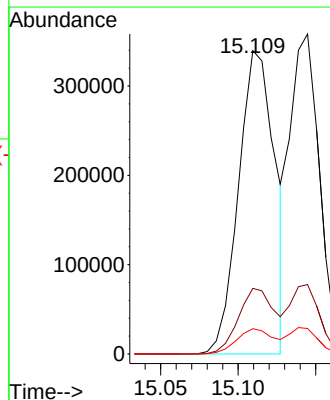
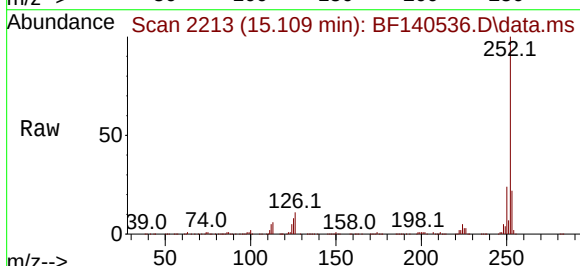
Tgt Ion:252 Resp: 551853

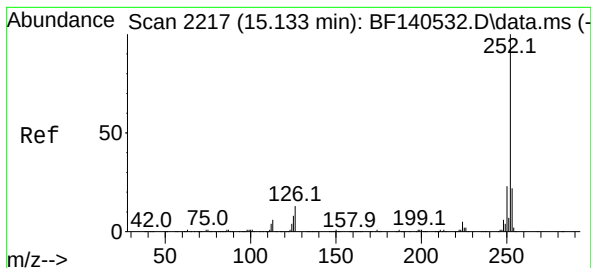
Ion Ratio Lower Upper

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

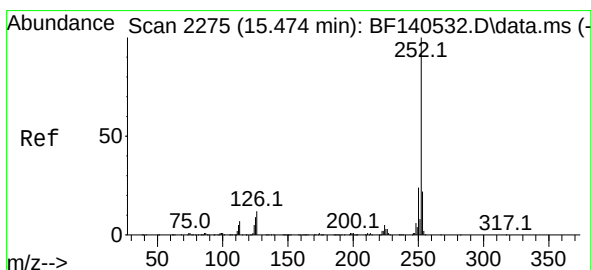
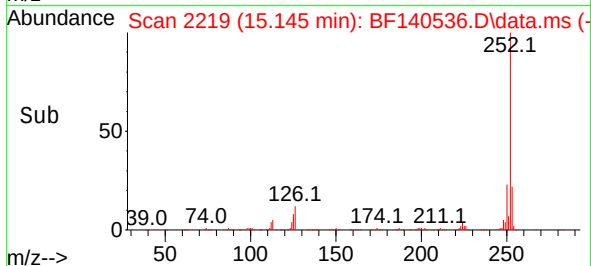
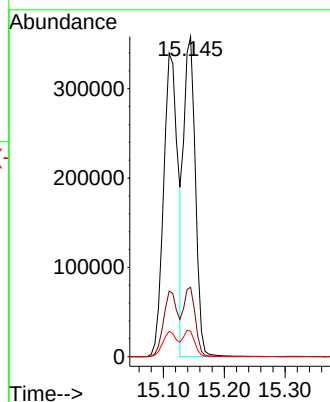
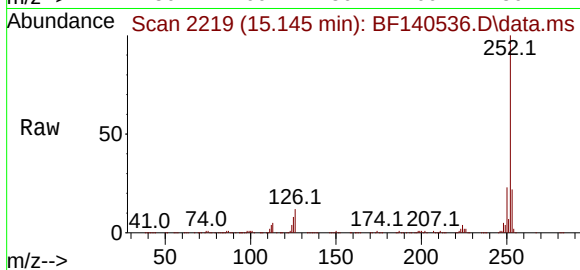
Tgt Ion:252 Resp: 474176

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

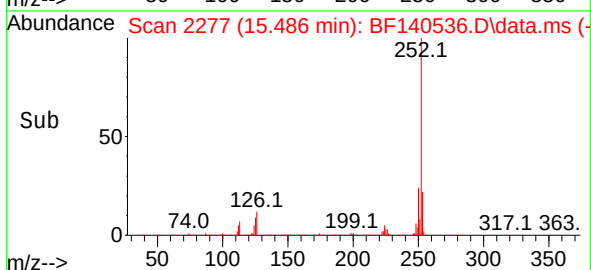
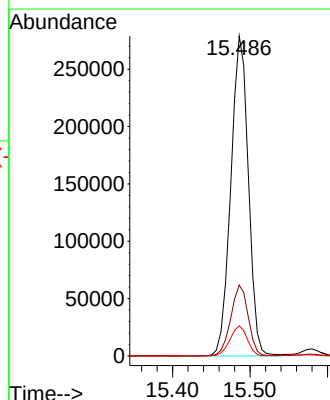
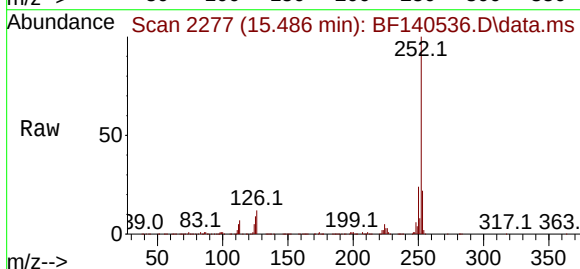
Tgt Ion:252 Resp: 439811

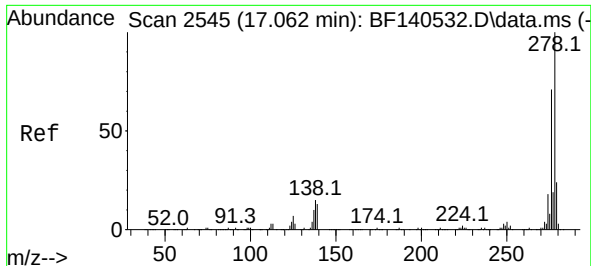
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.4 7.0 10.6

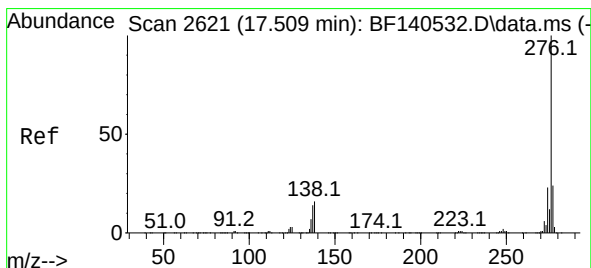
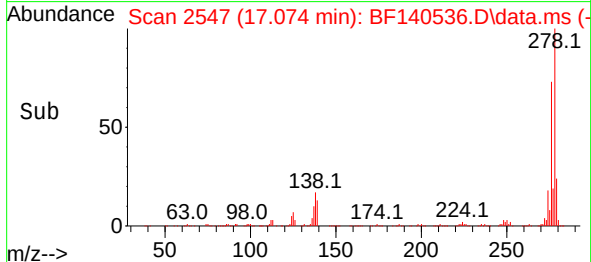
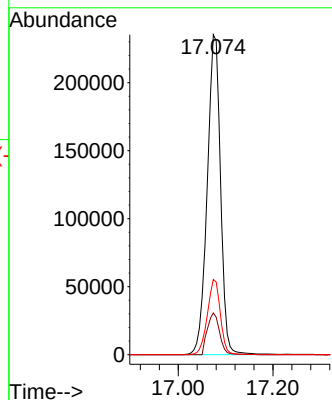
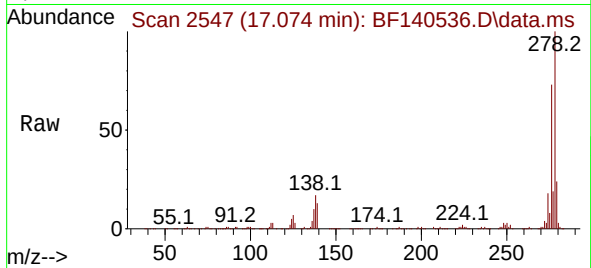




#91
Dibenzo(a,h)anthracene
Concen: 40.052 ng
RT: 17.074 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

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

