

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
 Data File : BF140222.D
 Acq On : 04 Nov 2024 16:30
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110424

Quant Time: Nov 04 17:14:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 17:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	221652	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	813997	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	473464	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	847494	20.000	ng	0.00
76) Chrysene-d12	14.057	240	518552	20.000	ng	0.00
86) Perylene-d12	15.545	264	488361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	995612	76.112	ng	0.00
7) Phenol-d6	6.504	99	1254226	74.725	ng	0.00
23) Nitrobenzene-d5	7.440	82	1193567	74.179	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	424674	81.350	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2292943	75.698	ng	0.00
79) Terphenyl-d14	12.992	244	2552131	78.524	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	217908	37.739	ng	95
3) Pyridine	3.428	79	541305	38.166	ng	96
4) n-Nitrosodimethylamine	3.387	42	277990	34.990	ng	93
6) Aniline	6.540	93	573840	39.169	ng	99
8) 2-Chlorophenol	6.663	128	529483	38.401	ng	96
9) Benzaldehyde	6.428	77	394089	36.136	ng	96
10) Phenol	6.516	94	674091	37.761	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	512011	37.306	ng	98
12) 1,3-Dichlorobenzene	6.822	146	617261	37.917	ng	98
13) 1,4-Dichlorobenzene	6.898	146	620881	37.754	ng	100
14) 1,2-Dichlorobenzene	7.051	146	579045	37.677	ng	99
15) Benzyl Alcohol	7.016	79	488792	37.179	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	698104	35.342	ng	99
17) 2-Methylphenol	7.128	107	424956	38.079	ng	98
18) Hexachloroethane	7.393	117	231794	37.859	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	391512	35.724	ng	96
20) 3+4-Methylphenols	7.281	107	542878	37.805	ng	97
22) Acetophenone	7.287	105	740893	37.137	ng	96
24) Nitrobenzene	7.463	77	617519	36.762	ng	98
25) Isophorone	7.698	82	1022303	37.401	ng	99
26) 2-Nitrophenol	7.775	139	272136	41.280	ng	95
27) 2,4-Dimethylphenol	7.804	122	355861	39.414	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	623998	37.889	ng	100
29) 2,4-Dichlorophenol	8.010	162	455829	39.922	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	541620	38.635	ng	98
31) Naphthalene	8.181	128	1577143	38.433	ng	99
32) Benzoic acid	7.922	122	316123	44.034	ng	97
33) 4-Chloroaniline	8.228	127	522678	38.431	ng	98
34) Hexachlorobutadiene	8.298	225	377989	38.853	ng	99
35) Caprolactam	8.604	113	133396	39.373	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	475621	38.250	ng	99
37) 2-Methylnaphthalene	8.869	142	1038199	37.911	ng	99
38) 1-Methylnaphthalene	8.969	142	1019408	38.030	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	571296	39.094	ng	99
41) Hexachlorocyclopentadiene	9.022	237	170360	42.507	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	362972	40.677	ng	99

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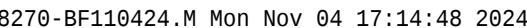
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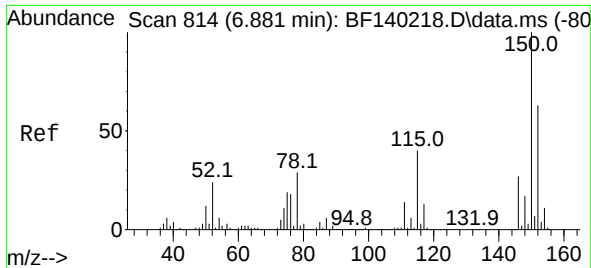
Quant Time: Nov 04 17:14:36 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	367215	39.387	ng	99
46) 1,1'-Biphenyl	9.334	154	1303171	37.919	ng	100
47) 2-Chloronaphthalene	9.363	162	1011538	38.792	ng	98
48) 2-Nitroaniline	9.457	65	300546	37.081	ng	91
49) Acenaphthylene	9.781	152	1411091	38.450	ng	100
50) Dimethylphthalate	9.639	163	1115448	38.418	ng	100
51) 2,6-Dinitrotoluene	9.698	165	273920	39.590	ng	94
52) Acenaphthene	9.951	154	1004850	38.413	ng	99
53) 3-Nitroaniline	9.869	138	250044	39.605	ng	97
54) 2,4-Dinitrophenol	9.975	184	123977	39.148	ng	96
55) Dibenzofuran	10.122	168	1405962	38.050	ng	99
56) 4-Nitrophenol	10.022	139	189008	40.458	ng	95
57) 2,4-Dinitrotoluene	10.104	165	358505	39.582	ng	95
58) Fluorene	10.469	166	1109968	37.564	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	314200	40.675	ng	97
60) Diethylphthalate	10.339	149	1131207	38.245	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	584377	38.434	ng	98
62) 4-Nitroaniline	10.486	138	253958	39.567	ng	96
63) Azobenzene	10.622	77	1096474	36.558	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	184673	41.617	ng	96
66) n-Nitrosodiphenylamine	10.581	169	934655	38.288	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	377774	39.582	ng	97
68) Hexachlorobenzene	11.016	284	425020	39.460	ng	99
69) Atrazine	11.104	200	280364	41.052	ng	99
70) Pentachlorophenol	11.210	266	248191	43.268	ng	99
71) Phenanthrene	11.433	178	1560242	37.872	ng	100
72) Anthracene	11.480	178	1526740	37.815	ng	100
73) Carbazole	11.639	167	1377196	37.610	ng	99
74) Di-n-butylphthalate	11.969	149	1650671	38.436	ng	100
75) Fluoranthene	12.622	202	1669769	37.839	ng	100
77) Benzidine	12.745	184	505137	56.158	ng	99
78) Pyrene	12.851	202	1672133	39.265	ng	100
80) Butylbenzylphthalate	13.469	149	606309	40.595	ng	97
81) Benzo(a)anthracene	14.045	228	1323931	38.926	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	419453	40.877	ng	99
83) Chrysene	14.080	228	1196732	38.252	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	834555	40.176	ng	100
85) Di-n-octyl phthalate	14.657	149	1248530	40.532	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	1259063	40.960	ng	99
88) Benzo(b)fluoranthene	15.110	252	1115122	36.201	ng	99
89) Benzo(k)fluoranthene	15.139	252	942925	34.351	ng	100
90) Benzo(a)pyrene	15.480	252	976618	39.336	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	1036787	41.415	ng	100
92) Benzo(g,h,i)perylene	17.515	276	1051075	41.120	ng	99

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

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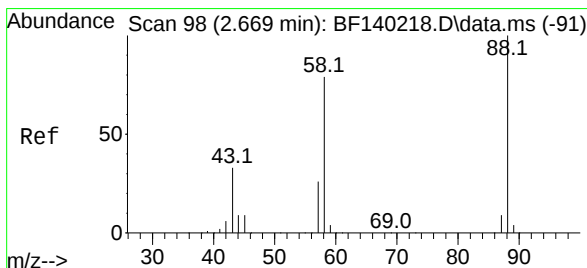
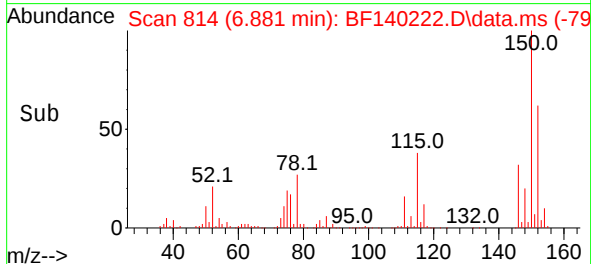
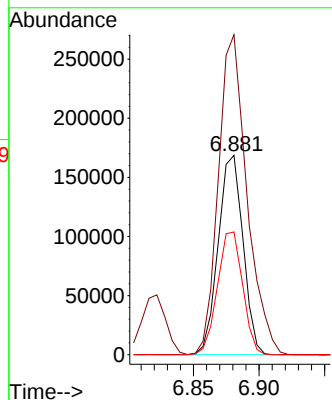
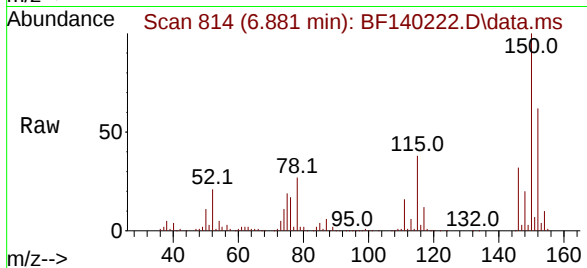




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF140222.D
 Acq: 04 Nov 2024 16:30

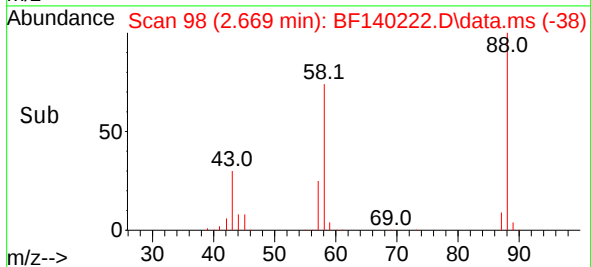
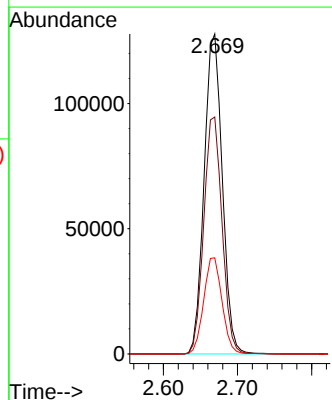
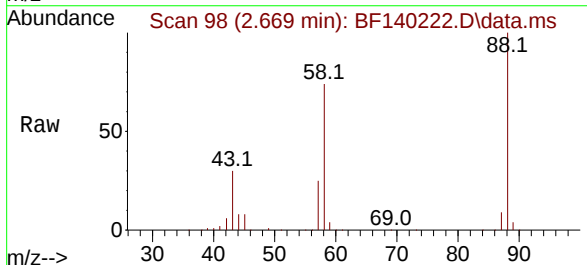
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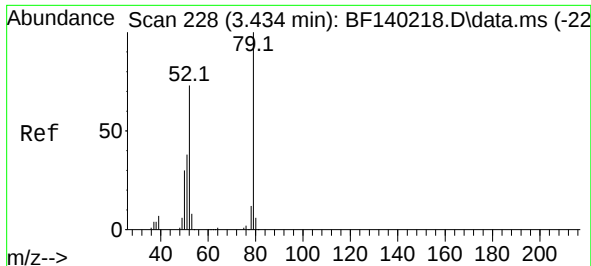
Tgt Ion:152 Resp: 221652
 Ion Ratio Lower Upper
 152 100
 150 160.6 127.8 191.8
 115 61.6 50.7 76.1



#2
 1,4-Dioxane
 Concen: 37.739 ng
 RT: 2.669 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: BF140222.D
 Acq: 04 Nov 2024 16:30

Tgt Ion: 88 Resp: 217908
 Ion Ratio Lower Upper
 88 100
 58 74.5 63.4 95.2
 43 30.5 26.8 40.2





#3

Pyridine

Concen: 38.166 ng

RT: 3.428 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

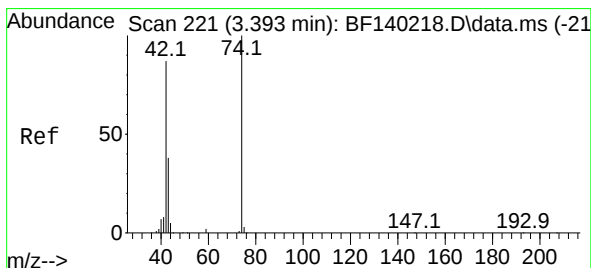
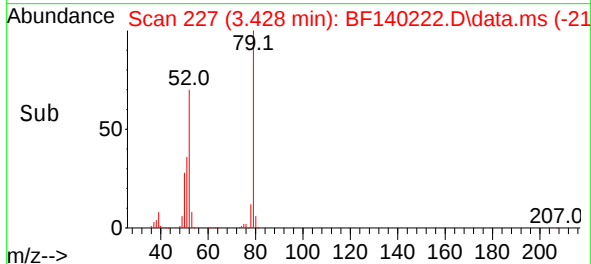
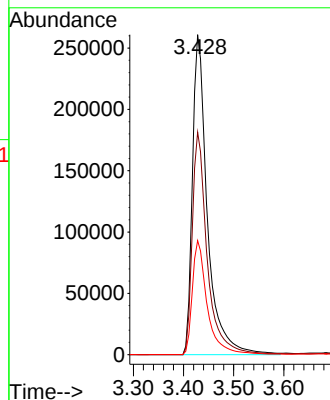
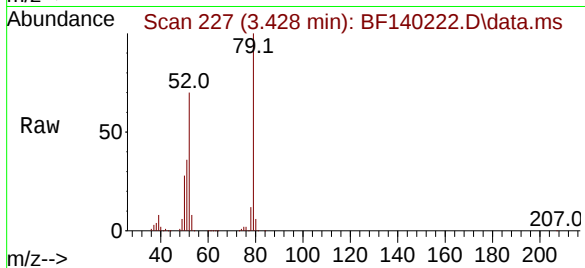
Tgt Ion: 79 Resp: 541305

Ion Ratio Lower Upper

79 100

52 69.5 58.2 87.4

51 35.7 30.6 46.0



#4

n-Nitrosodimethylamine

Concen: 34.990 ng

RT: 3.387 min Scan# 220

Delta R.T. -0.006 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

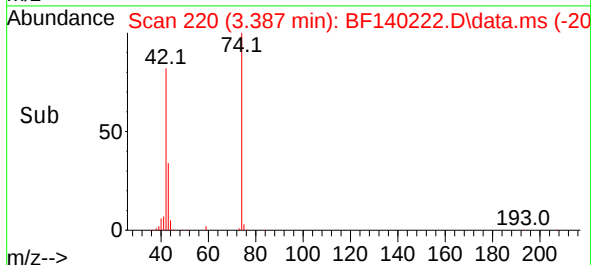
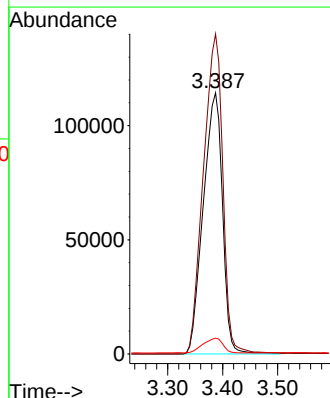
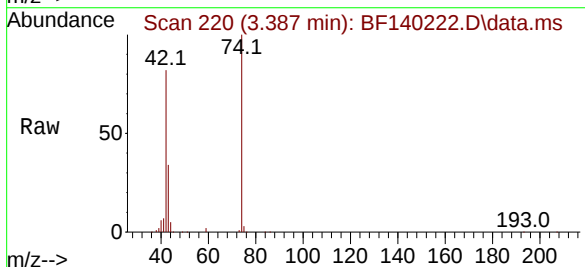
Tgt Ion: 42 Resp: 277990

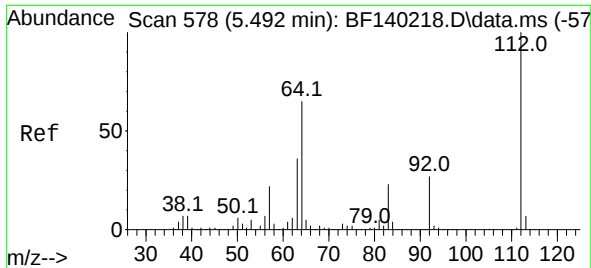
Ion Ratio Lower Upper

42 100

74 122.5 92.0 138.0

44 6.1 5.0 7.6

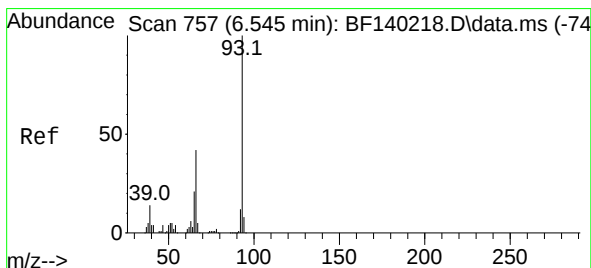
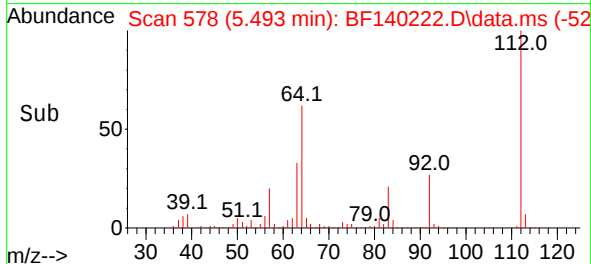
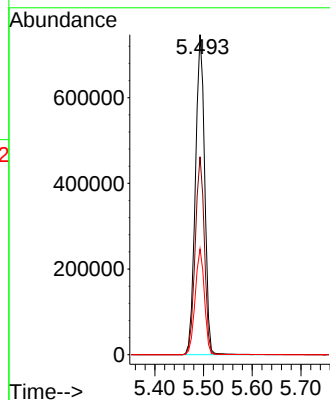
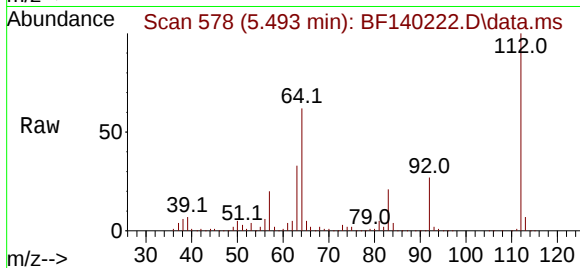




#5
2-Fluorophenol
Concen: 76.112 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

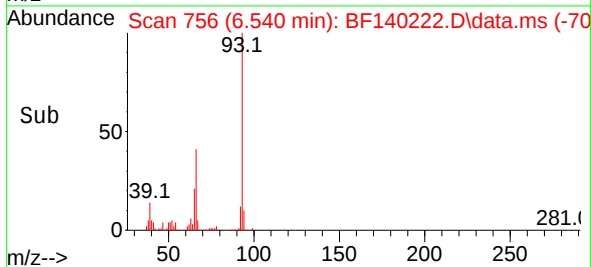
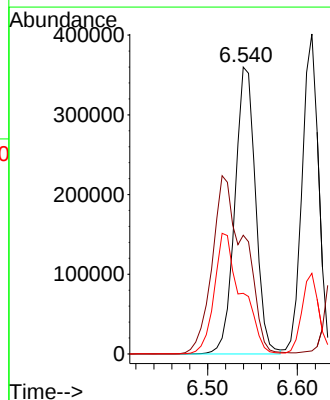
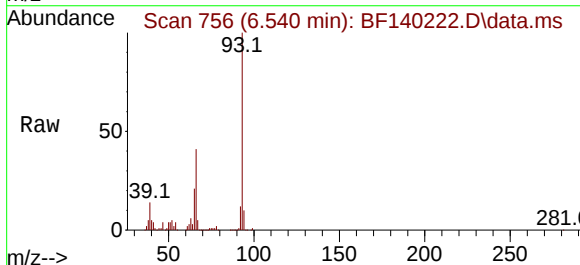
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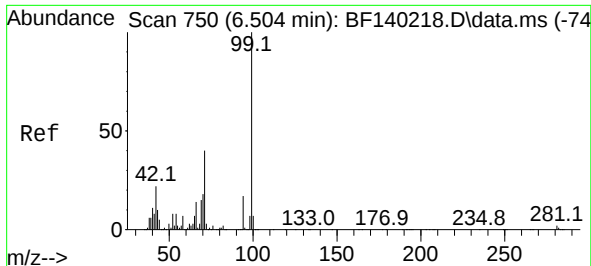
Tgt Ion:112 Resp: 995612
Ion Ratio Lower Upper
112 100
64 61.9 51.8 77.6
63 33.0 28.4 42.6



#6
Aniline
Concen: 39.169 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion: 93 Resp: 573840
Ion Ratio Lower Upper
93 100
66 41.4 33.7 50.5
65 21.2 17.2 25.8





#7

Phenol-d6

Concen: 74.725 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

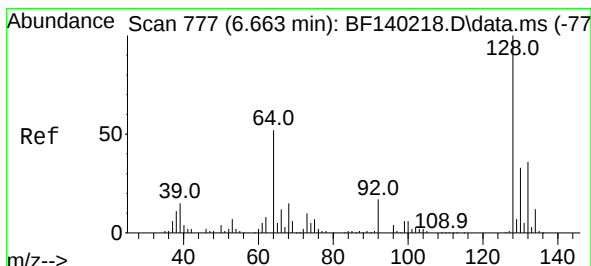
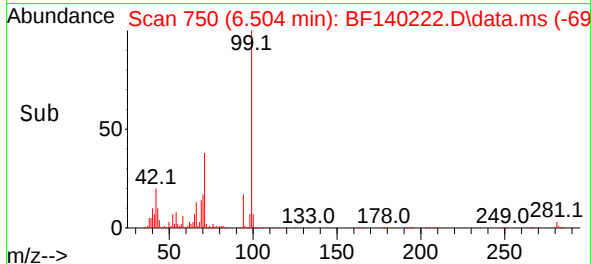
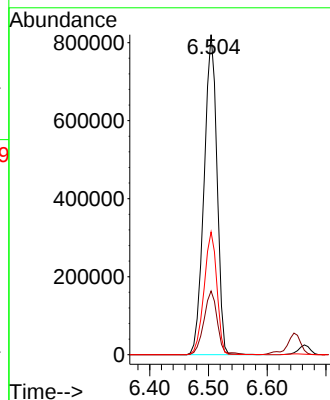
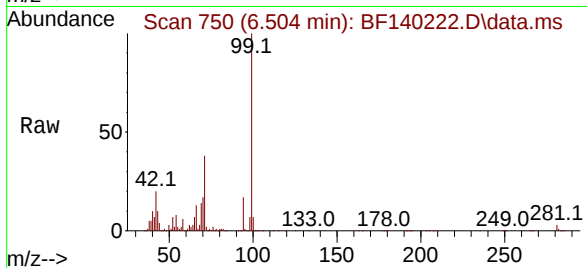
BNA_F

ClientSampleId :

ICVBF110424

Tgt Ion: 99 Resp: 1254226

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.8	26.6
71	38.4	32.0	48.0



#8

2-Chlorophenol

Concen: 38.401 ng

RT: 6.663 min Scan# 777

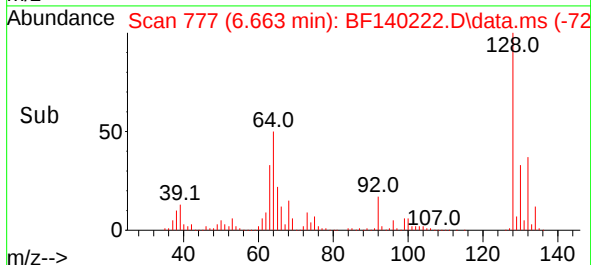
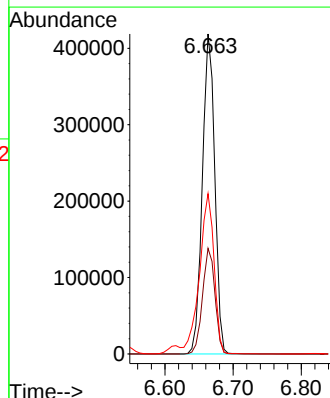
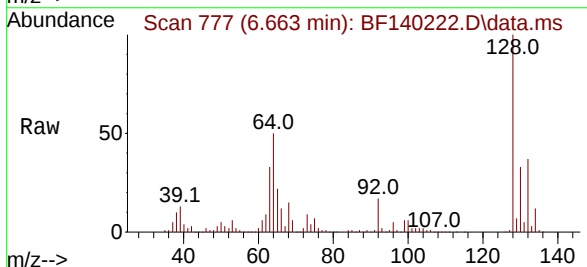
Delta R.T. 0.000 min

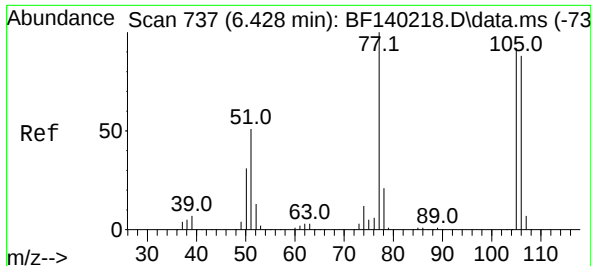
Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Tgt Ion: 128 Resp: 529483

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	50.1	34.4	74.4





#9

Benzaldehyde

Concen: 36.136 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

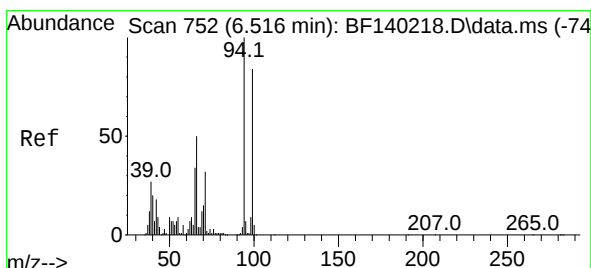
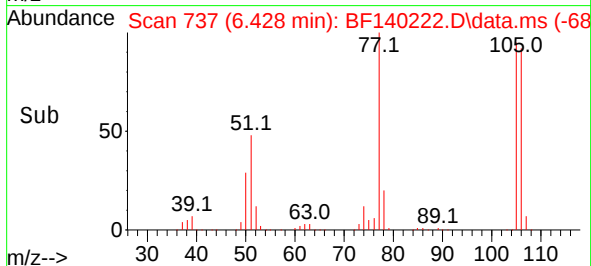
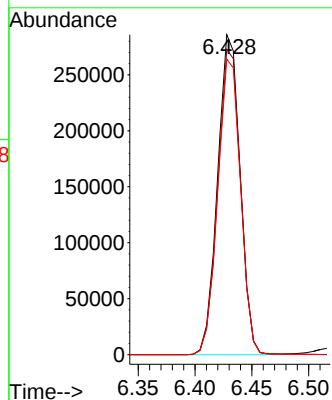
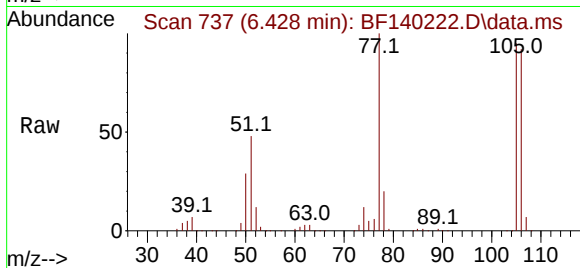
Tgt Ion: 77 Resp: 394089

Ion Ratio Lower Upper

77 100

105 95.4 71.7 111.7

106 92.4 67.9 107.9



#10

Phenol

Concen: 37.761 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

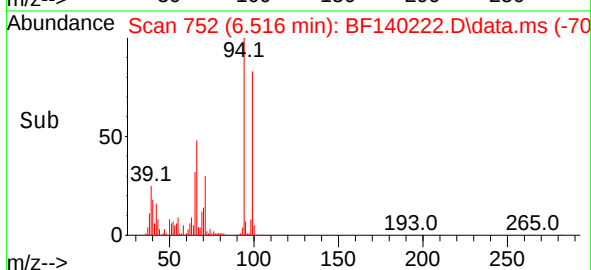
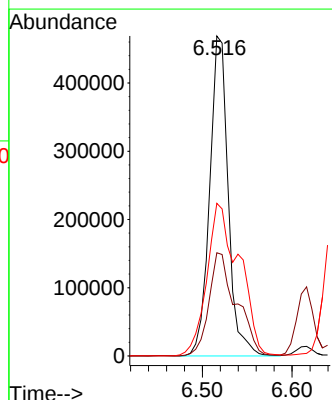
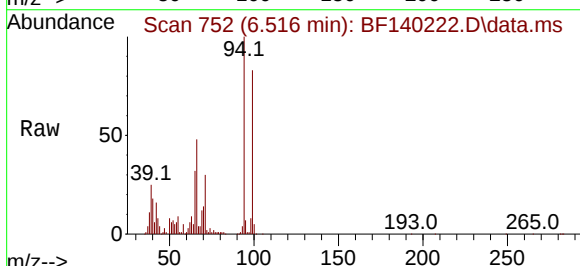
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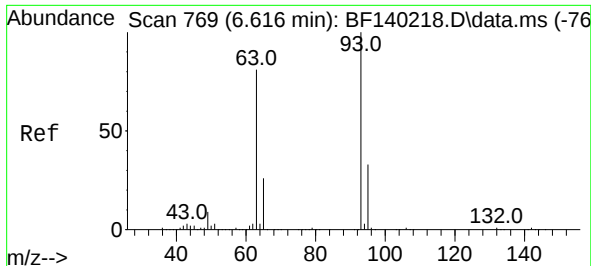
Ion Ratio Lower Upper

94 100

65 32.3 14.0 54.0

66 47.7 30.2 70.2

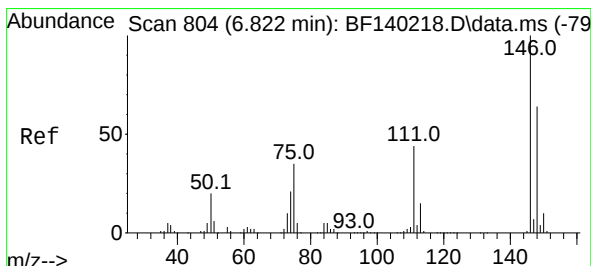
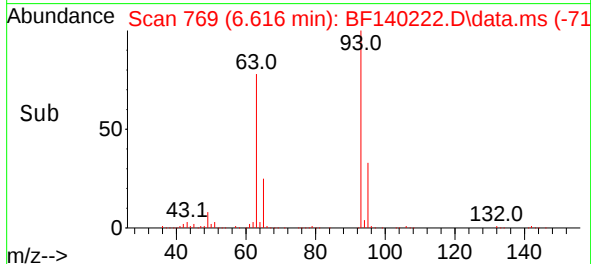
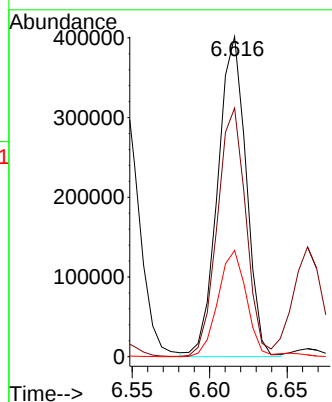
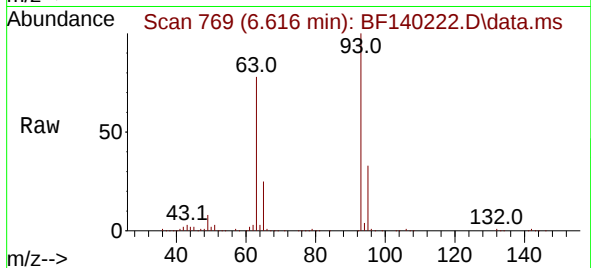




#11
bis(2-Chloroethyl)ether
Concen: 37.306 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

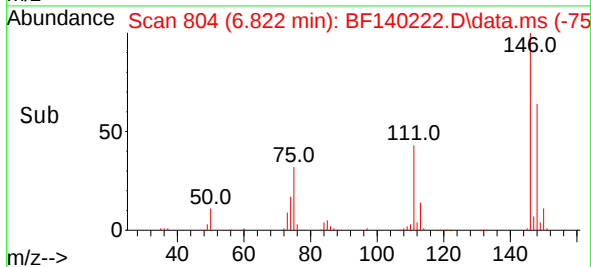
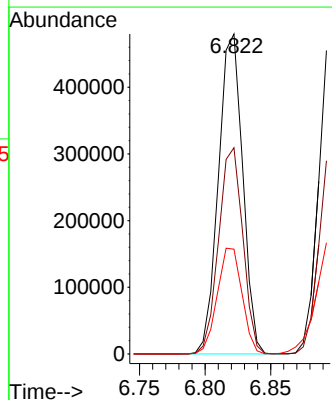
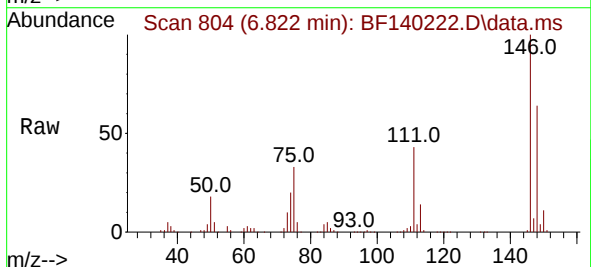
Instrument :
BNA_F
ClientSampleId :
ICVBF110424

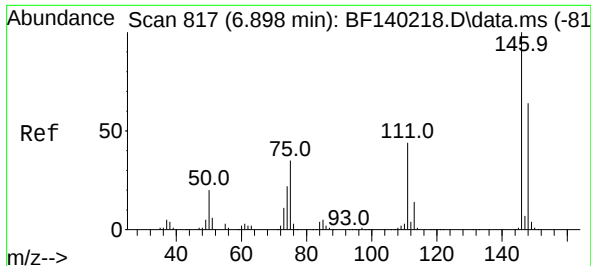
Tgt Ion: 93 Resp: 512011
Ion Ratio Lower Upper
93 100
63 77.7 59.8 99.8
95 33.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 37.917 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion:146 Resp: 617261
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 32.8 28.2 42.4





#13

1,4-Dichlorobenzene

Concen: 37.754 ng

RT: 6.898 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

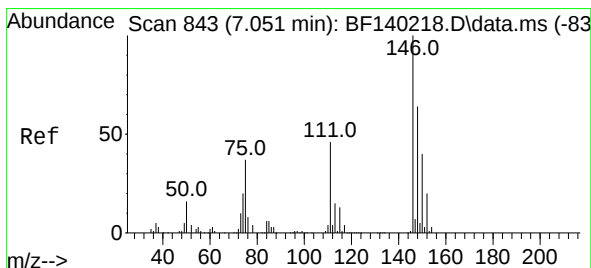
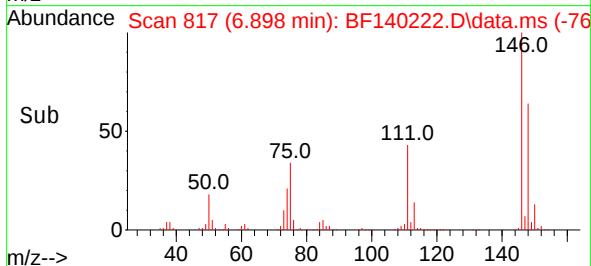
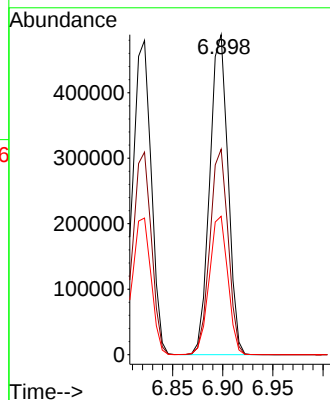
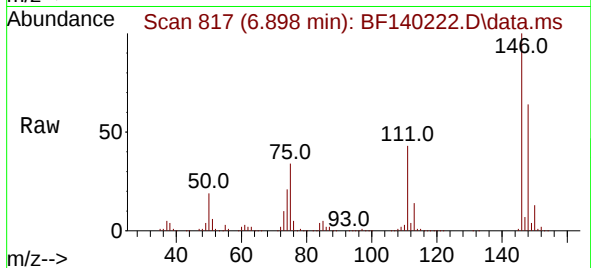
Tgt Ion:146 Resp: 620881

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 43.2 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 37.677 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

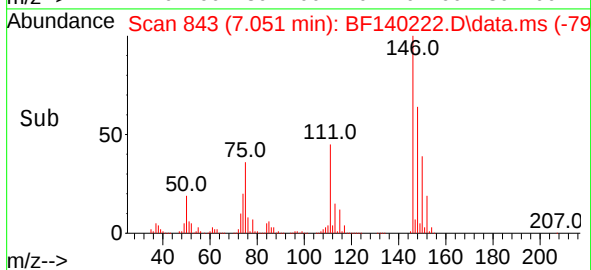
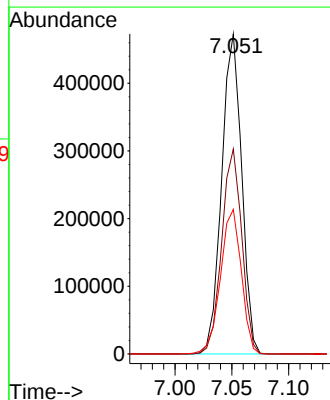
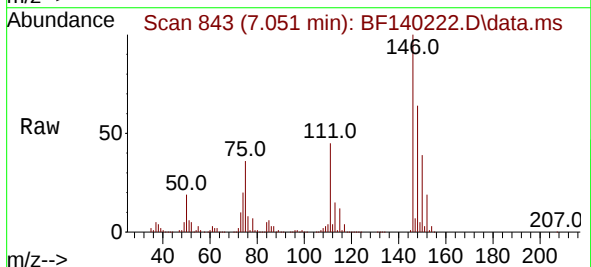
Tgt Ion:146 Resp: 579045

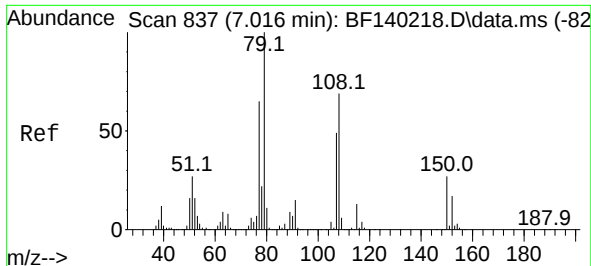
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 45.2 37.1 55.7

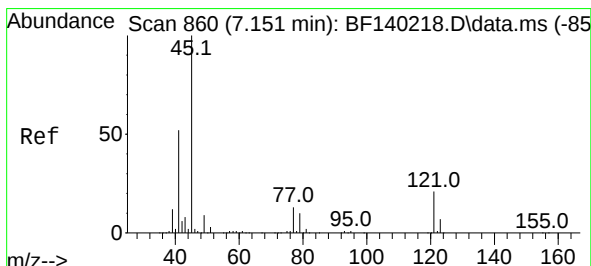
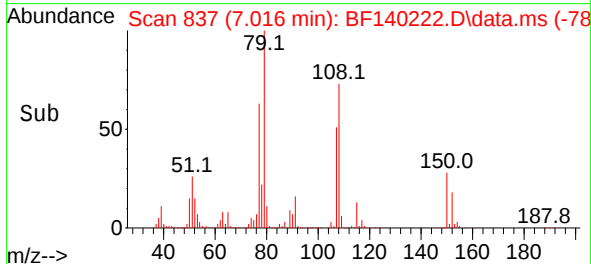
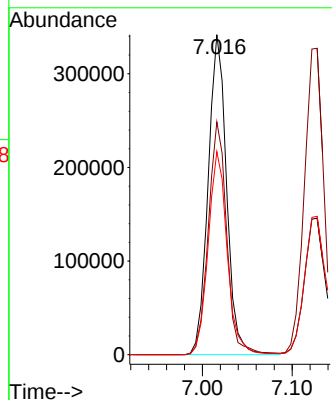
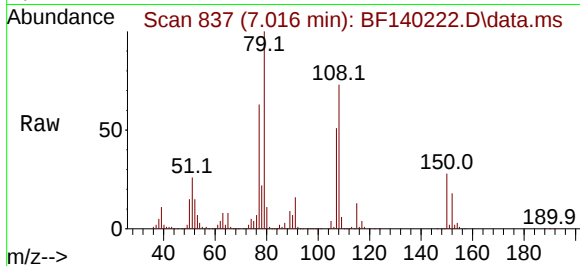




#15
Benzyl Alcohol
Concen: 37.179 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

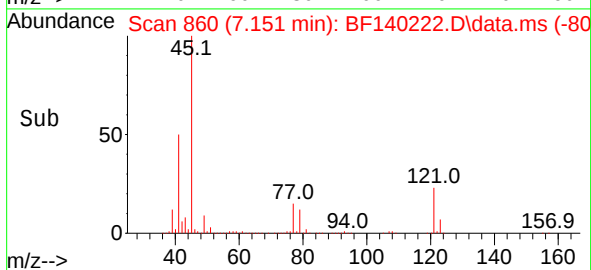
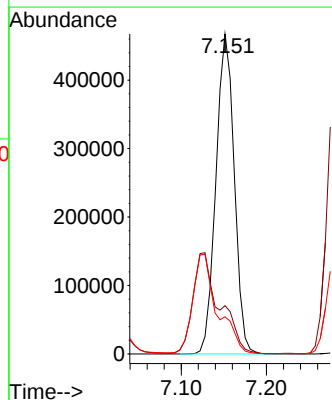
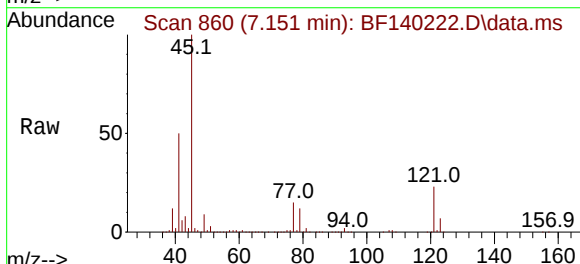
Instrument :
BNA_F
ClientSampleId :
ICVBF110424

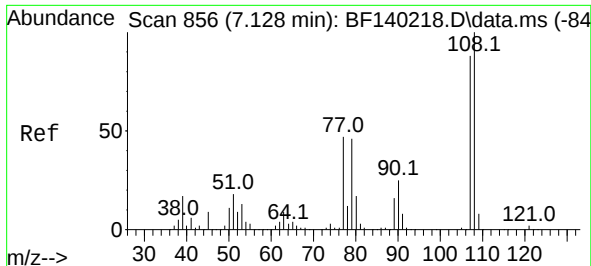
Tgt Ion: 79 Resp: 488792
Ion Ratio Lower Upper
79 100
108 72.8 55.6 83.4
77 63.4 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.342 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion: 45 Resp: 698104
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.5
79 11.6 0.0 31.0

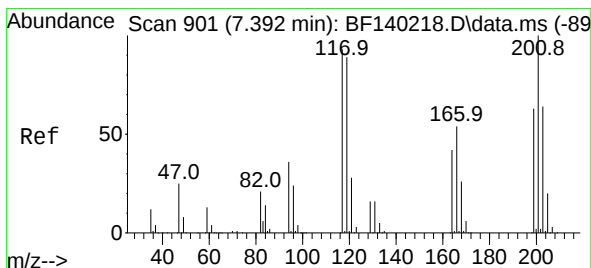
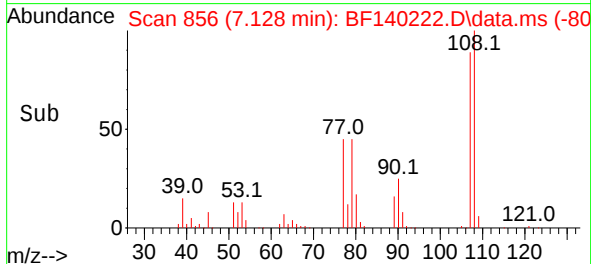
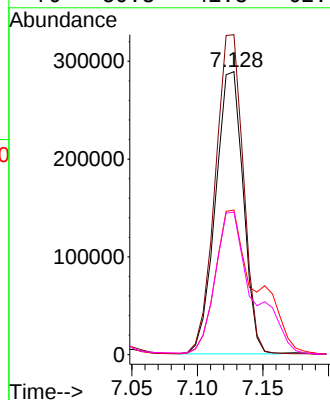
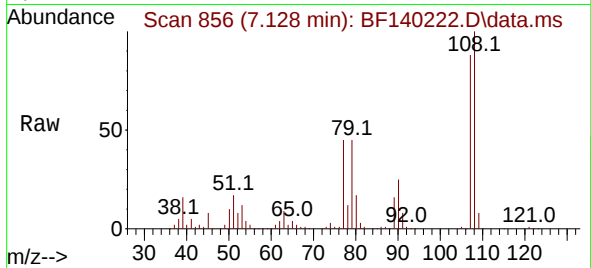




#17
2-Methylphenol
Concen: 38.079 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

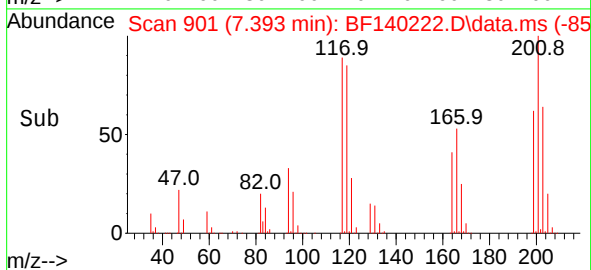
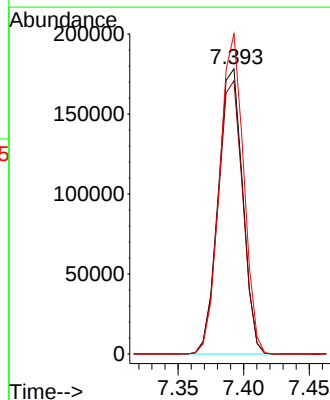
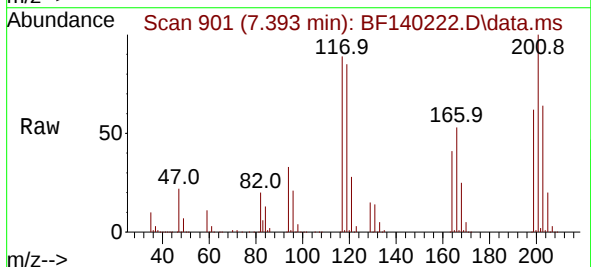
Instrument :
BNA_F
ClientSampleId :
ICVBF110424

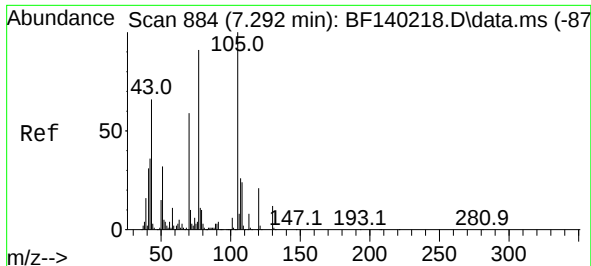
Tgt Ion:107 Resp: 424956
Ion Ratio Lower Upper
107 100
108 113.0 91.4 137.0
77 51.1 43.0 64.4
79 50.3 41.8 62.6



#18
Hexachloroethane
Concen: 37.859 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion:117 Resp: 231794
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.4
201 112.2 86.2 129.4





#19

n-Nitroso-di-n-propylamine

Concen: 35.724 ng

RT: 7.293 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

Tgt Ion: 70 Resp: 391512

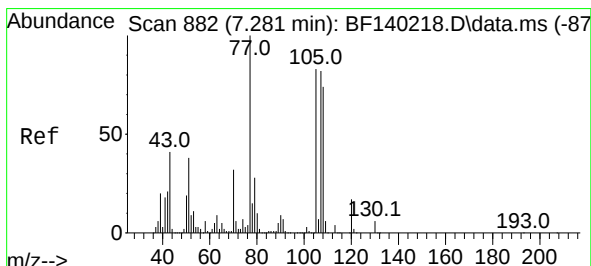
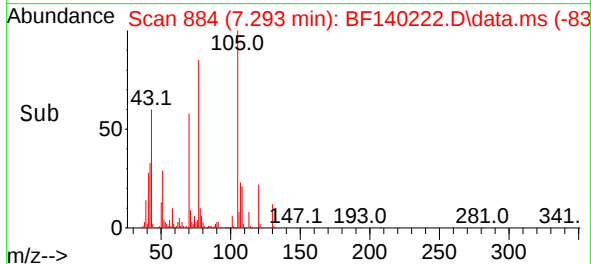
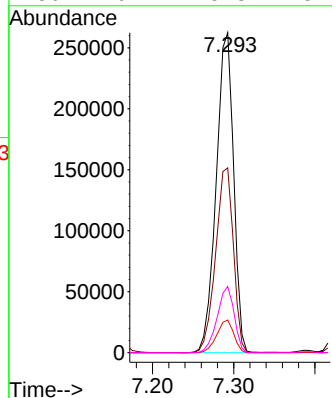
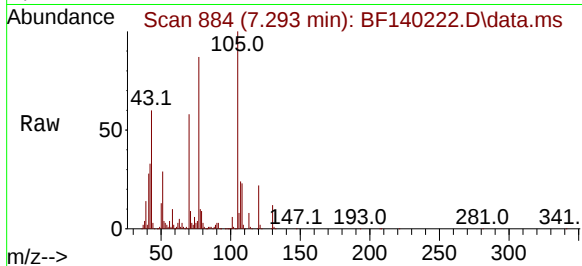
Ion Ratio Lower Upper

70 100

42 57.7 49.2 73.8

101 10.2 7.5 11.3

130 20.7 15.8 23.6



#20

3+4-Methylphenols

Concen: 37.805 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Tgt Ion: 107 Resp: 542878

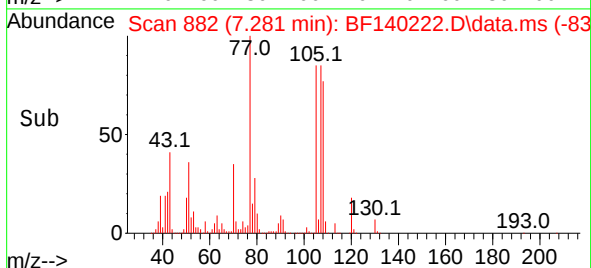
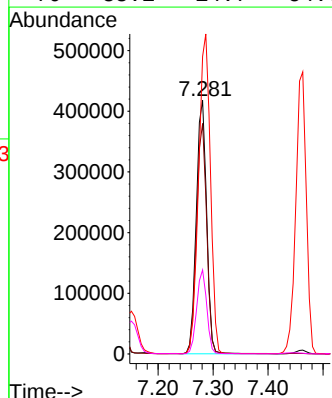
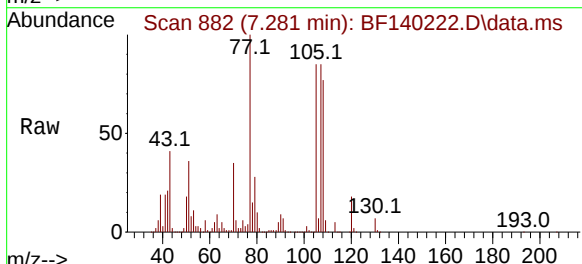
Ion Ratio Lower Upper

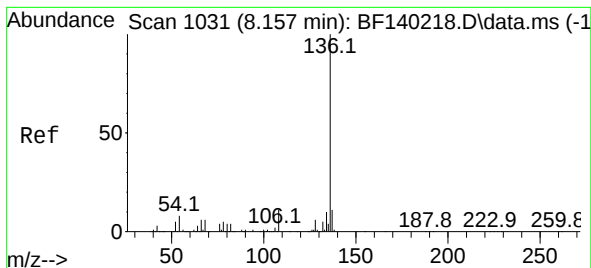
107 100

108 90.8 70.0 110.0

77 117.3 101.9 141.9

79 33.1 14.7 54.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

Tgt Ion:136 Resp: 813997

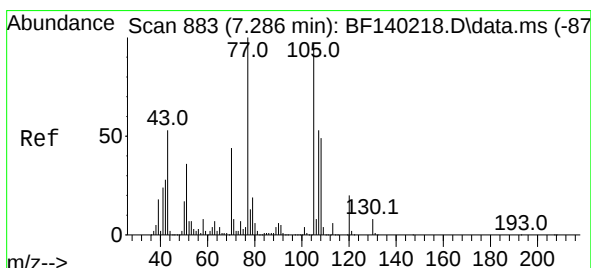
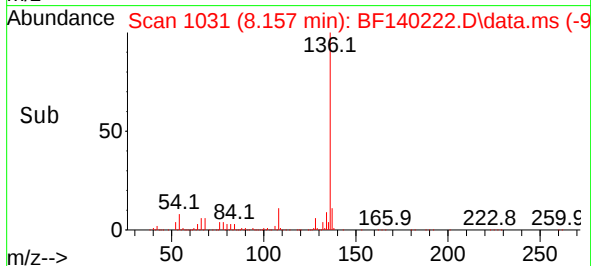
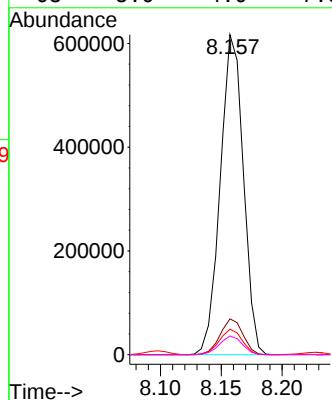
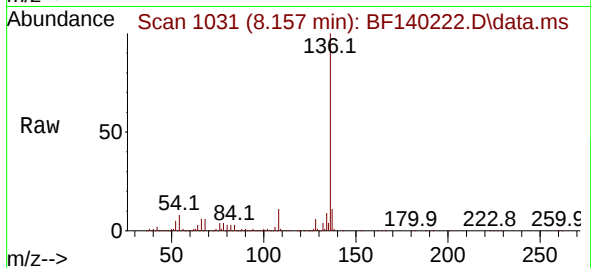
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.0 6.9 10.3

68 5.9 4.9 7.3



#22

Acetophenone

Concen: 37.137 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Tgt Ion:105 Resp: 740893

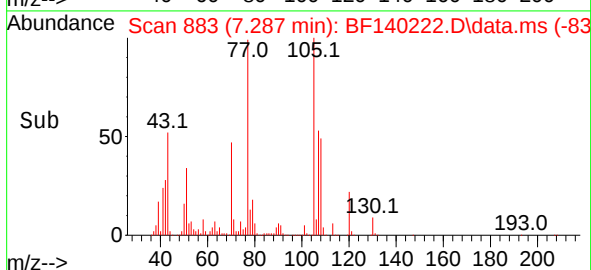
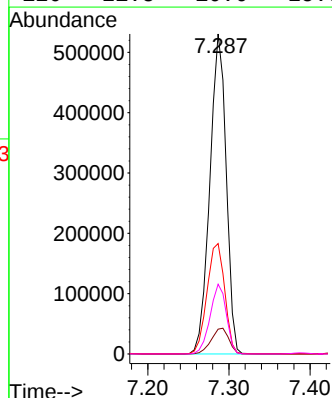
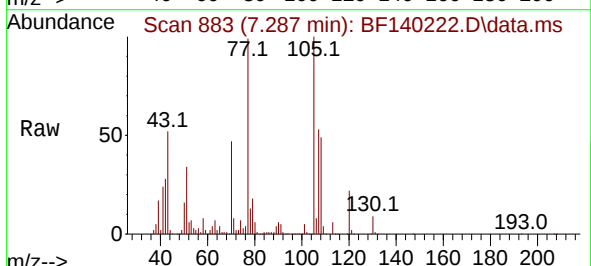
Ion Ratio Lower Upper

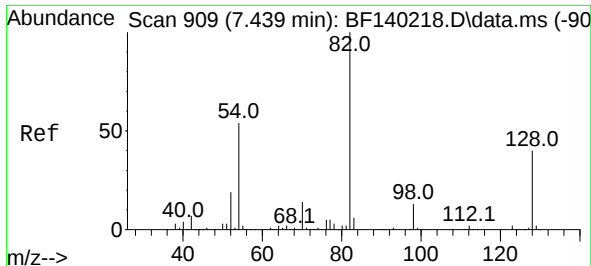
105 100

71 7.8 6.2 9.4

51 34.5 30.1 45.1

120 21.8 16.6 25.0





#23

Nitrobenzene-d5

Concen: 74.179 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

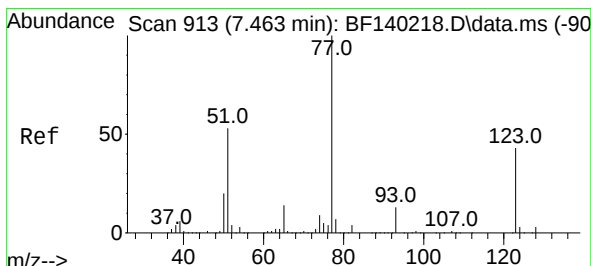
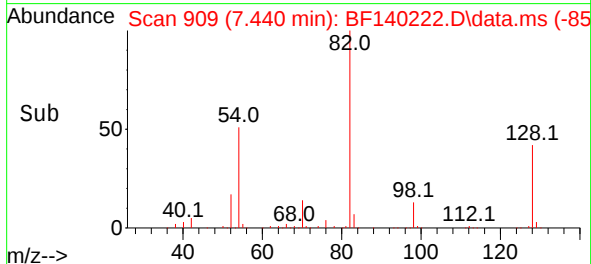
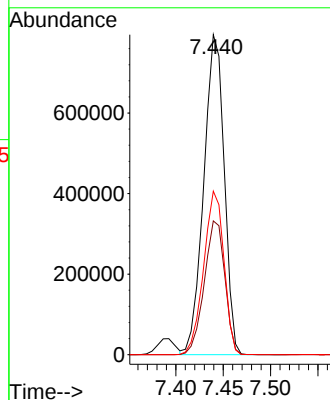
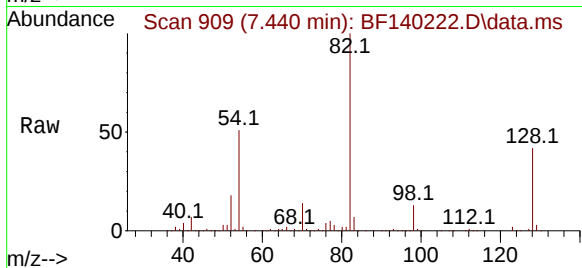
BNA_F

ClientSampleId :

ICVBF110424

Tgt Ion: 82 Resp: 1193567

Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.4	47.2
54	51.1	42.7	64.1



#24

Nitrobenzene

Concen: 36.762 ng

RT: 7.463 min Scan# 913

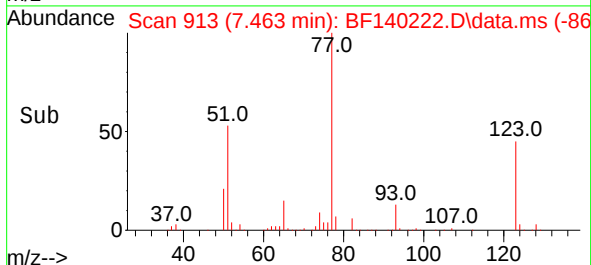
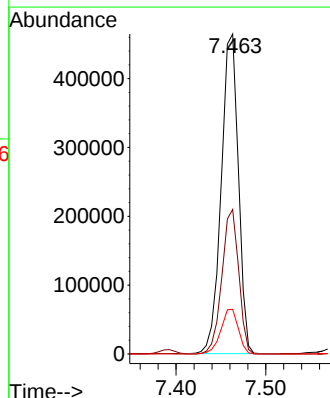
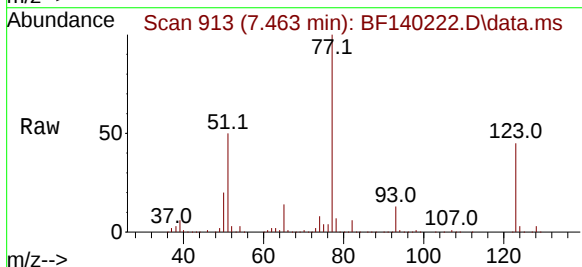
Delta R.T. 0.000 min

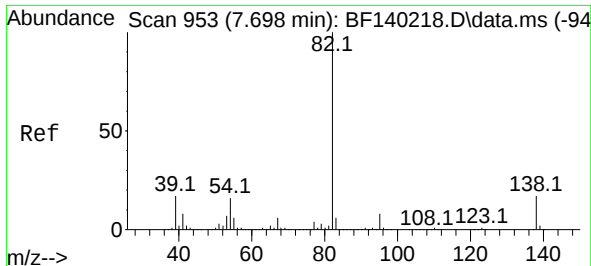
Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Tgt Ion: 77 Resp: 617519

Ion	Ratio	Lower	Upper
77	100		
123	45.2	34.6	51.8
65	14.0	11.4	17.0

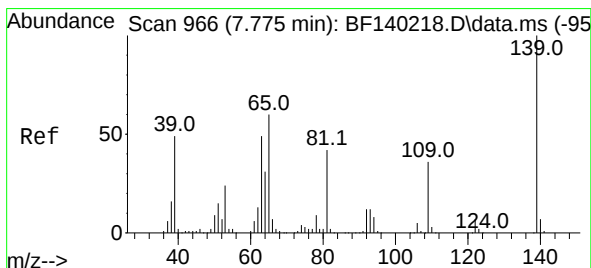
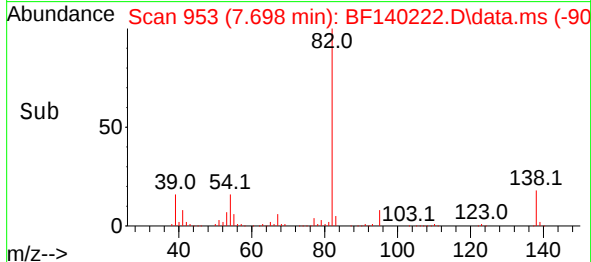
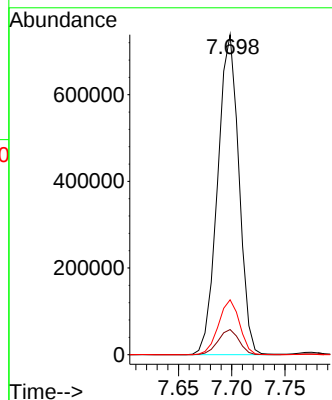
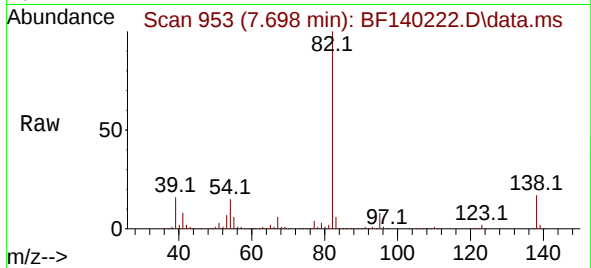




#25
Isophorone
Concen: 37.401 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

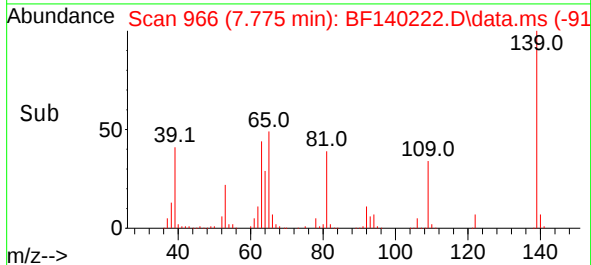
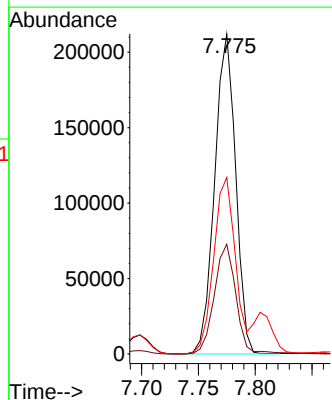
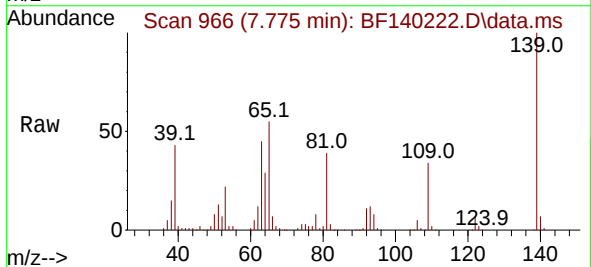
Instrument :
BNA_F
ClientSampleId :
ICVBF110424

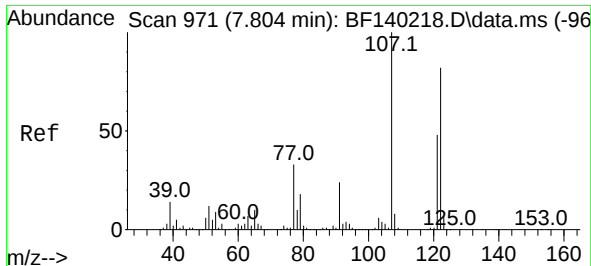
Tgt Ion: 82 Resp: 1022303
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 17.2 13.2 19.8



#26
2-Nitrophenol
Concen: 41.280 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion:139 Resp: 272136
Ion Ratio Lower Upper
139 100
109 34.2 28.6 42.8
65 55.1 47.8 71.6

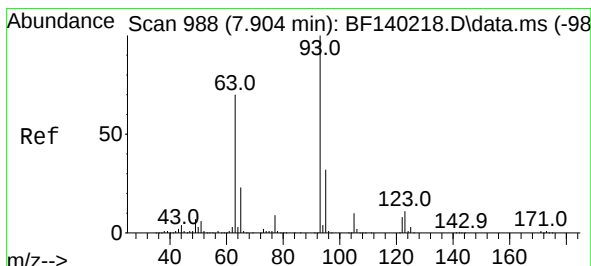
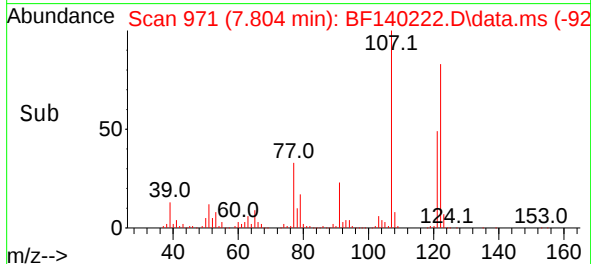
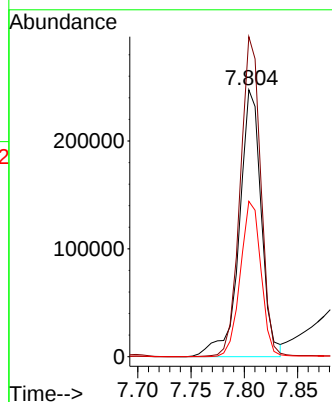
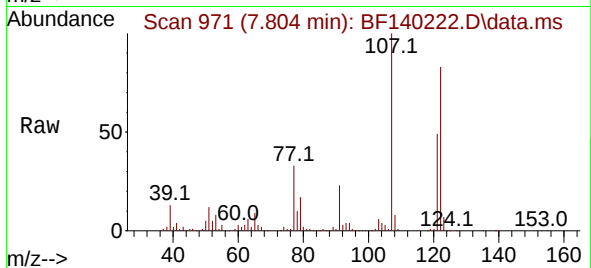




#27
2,4-Dimethylphenol
Concen: 39.414 ng
RT: 7.804 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

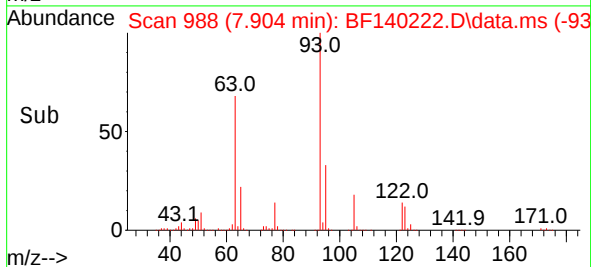
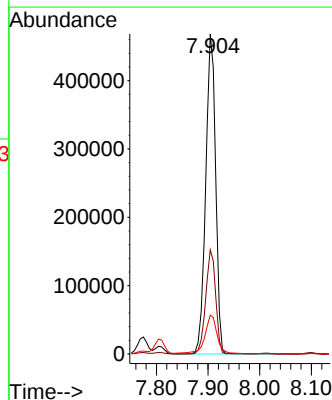
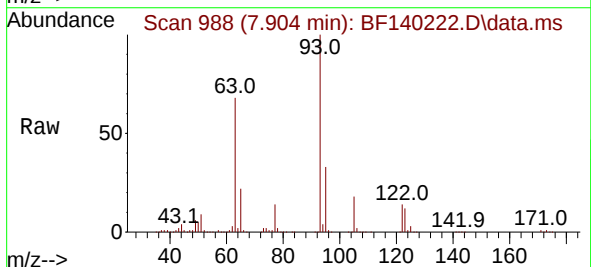
Instrument :
BNA_F
ClientSampleId :
ICVBF110424

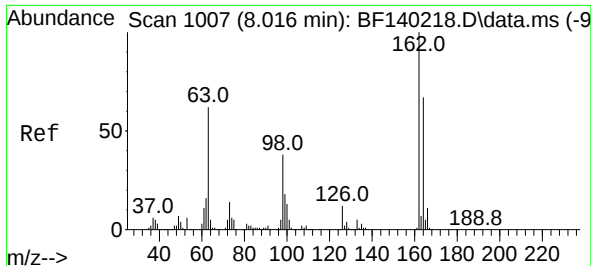
Tgt Ion:122 Resp: 355861
Ion Ratio Lower Upper
122 100
107 119.9 97.9 146.9
121 58.2 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 37.889 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion: 93 Resp: 623998
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 12.1 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 39.922 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

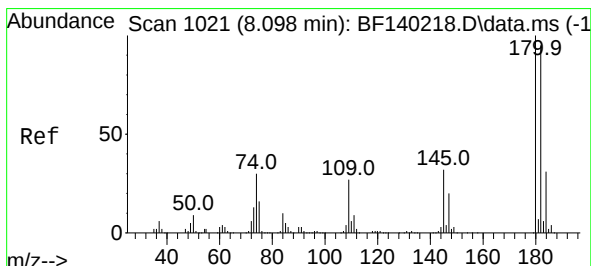
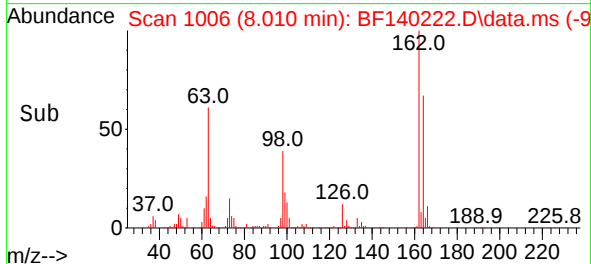
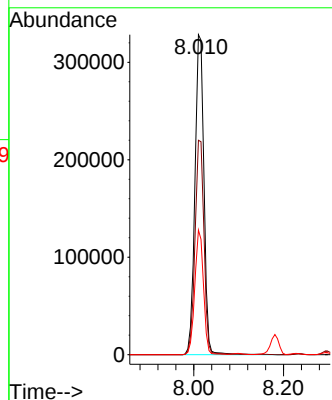
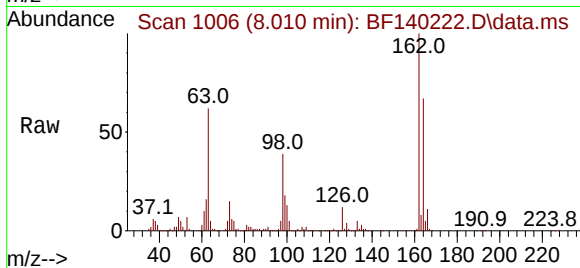
Instrument :

BNA_F

ClientSampleId :

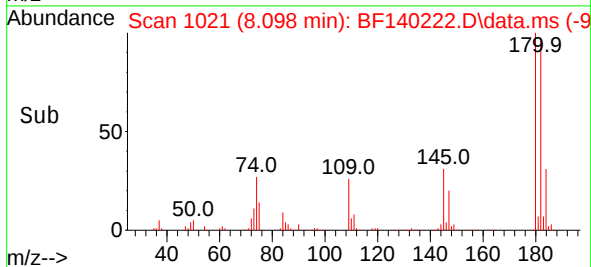
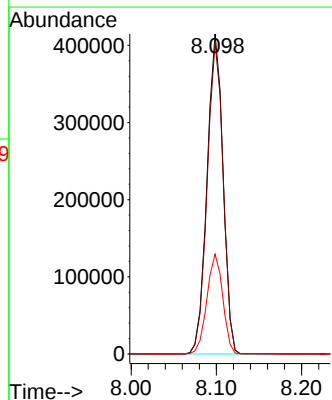
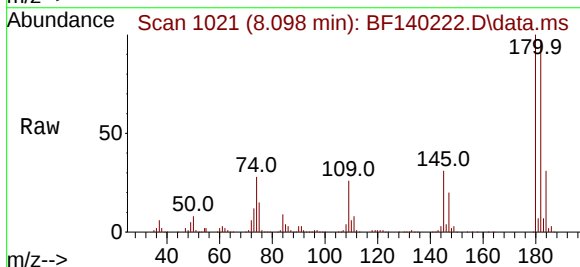
ICVBF110424

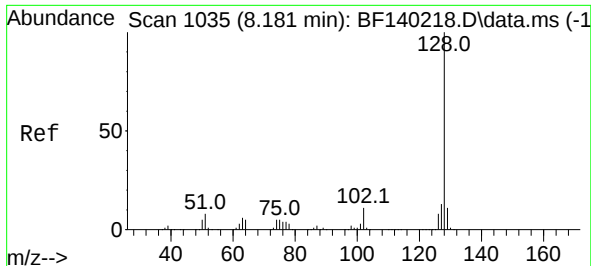
Tgt Ion:162 Resp: 455829
Ion Ratio Lower Upper
162 100
164 67.0 47.0 87.0
98 38.9 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 38.635 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion:180 Resp: 541620
Ion Ratio Lower Upper
180 100
182 97.2 76.1 114.1
145 31.2 25.2 37.8

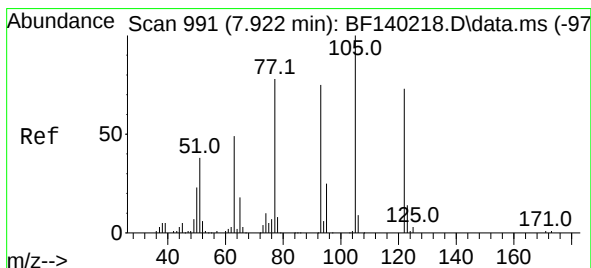
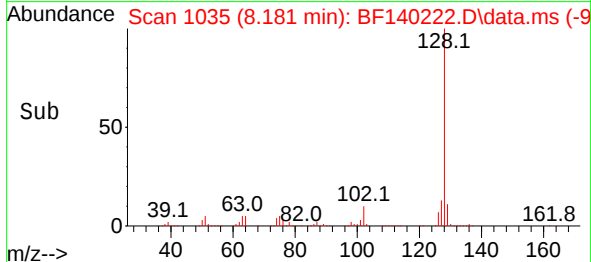
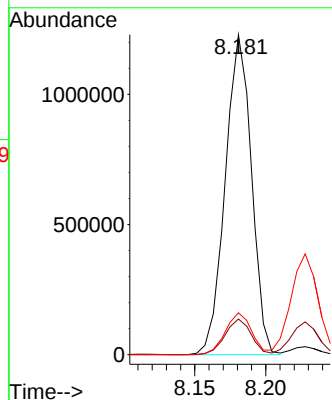
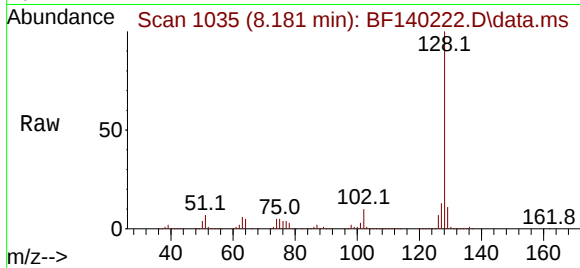




#31
Naphthalene
Concen: 38.433 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

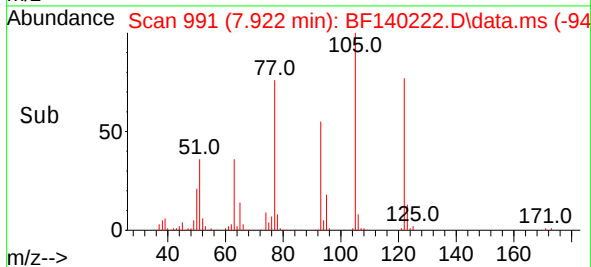
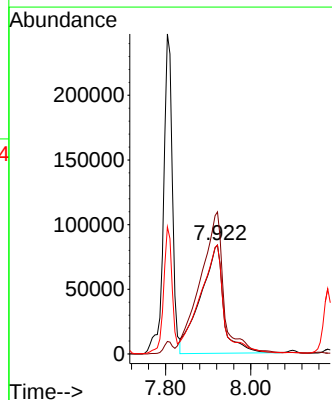
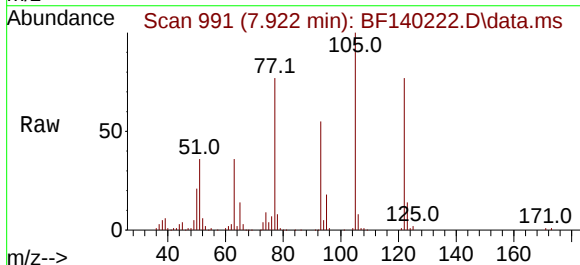
Instrument :
BNA_F
ClientSampleId :
ICVBF110424

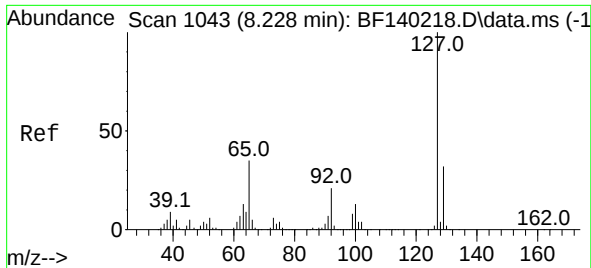
Tgt Ion:128 Resp: 1577143
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 44.034 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion:122 Resp: 316123
Ion Ratio Lower Upper
122 100
105 130.5 111.7 151.7
77 100.1 84.6 124.6

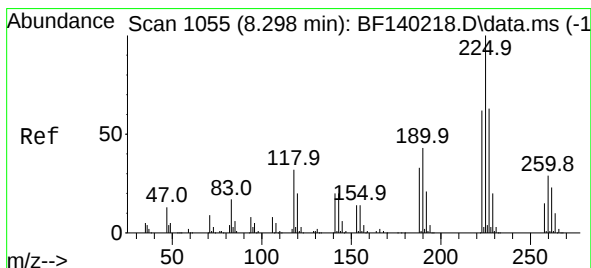
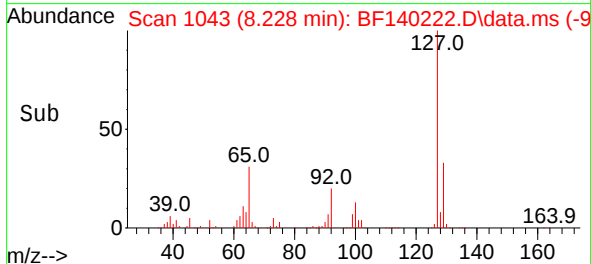
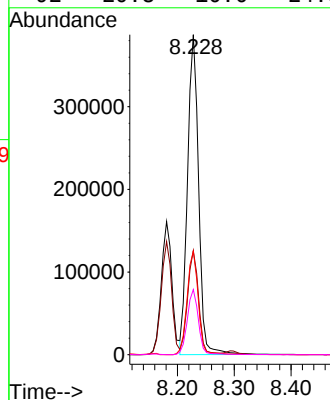
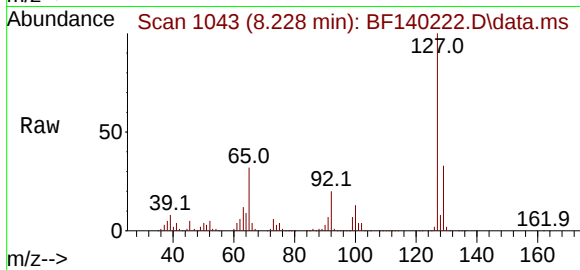




#33
4-Chloroaniline
Concen: 38.431 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

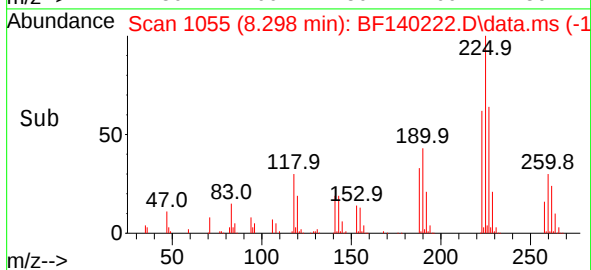
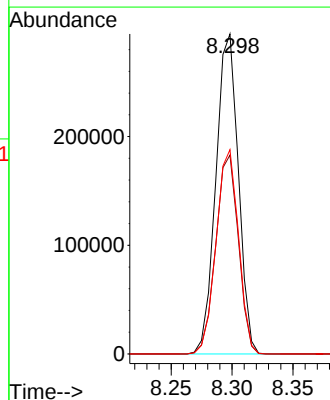
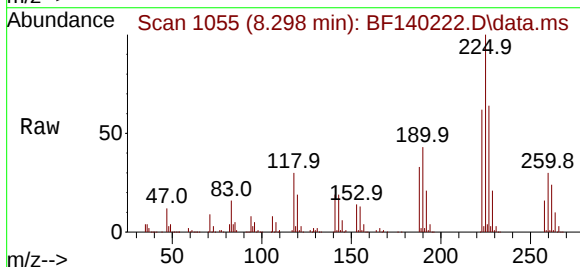
Instrument :
BNA_F
ClientSampleId :
ICVBF110424

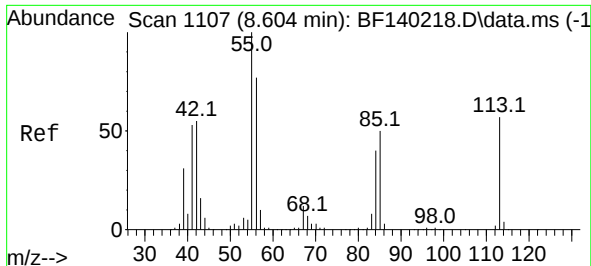
Tgt Ion:	127	Resp:	522678
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	32.4	28.2	42.2
92	20.3	16.6	24.8



#34
Hexachlorobutadiene
Concen: 38.853 ng
RT: 8.298 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion:	225	Resp:	377989
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.9	74.9
227	63.9	50.3	75.5





#35

Caprolactam

Concen: 39.373 ng

RT: 8.604 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

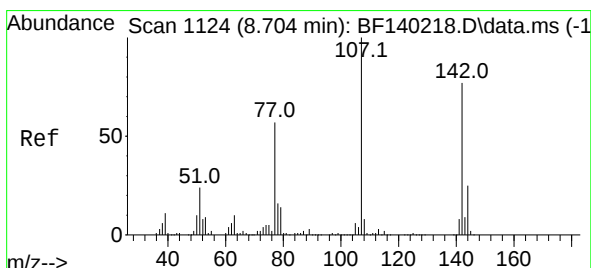
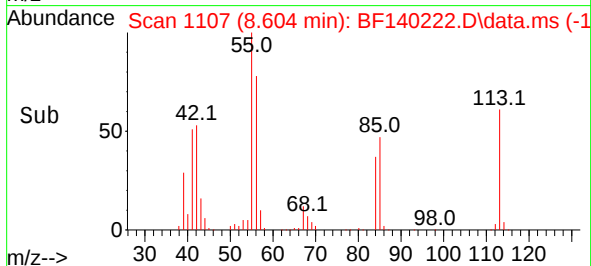
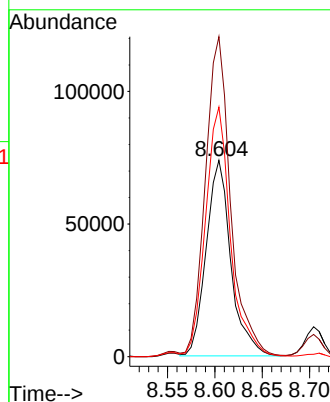
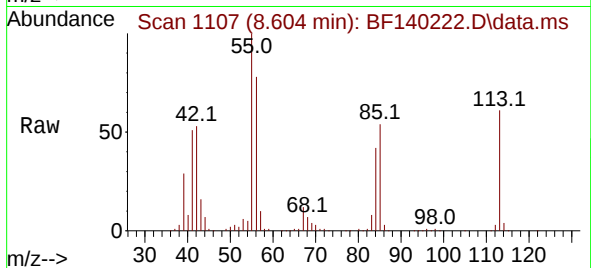
Tgt Ion:113 Resp: 133396

Ion Ratio Lower Upper

113 100

55 163.0 154.9 194.9

56 127.2 115.2 155.2



#36

4-Chloro-3-methylphenol

Concen: 38.250 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

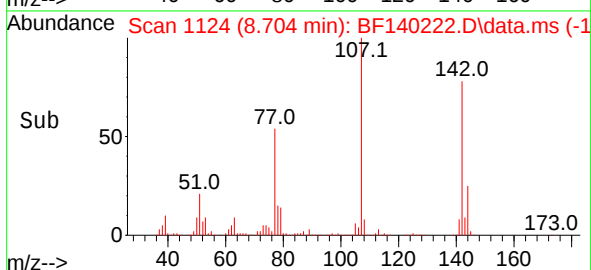
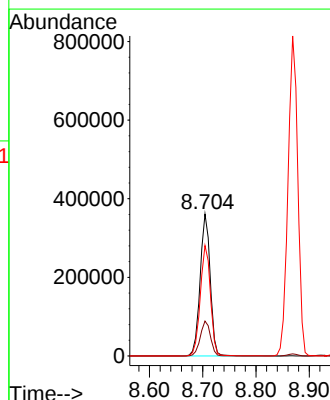
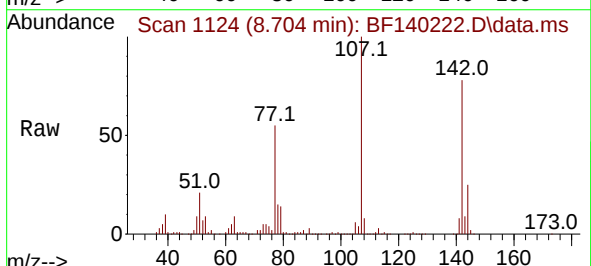
Tgt Ion:107 Resp: 475621

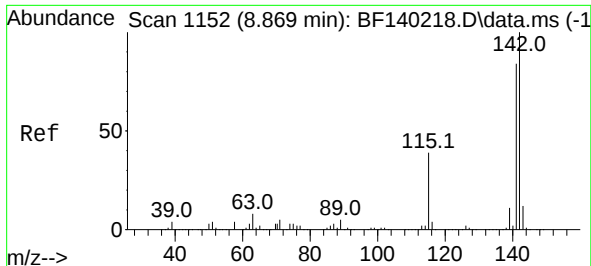
Ion Ratio Lower Upper

107 100

144 24.6 19.8 29.8

142 77.7 61.3 91.9





#37

2-Methylnaphthalene

Concen: 37.911 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

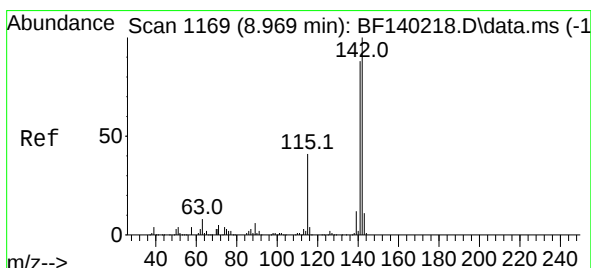
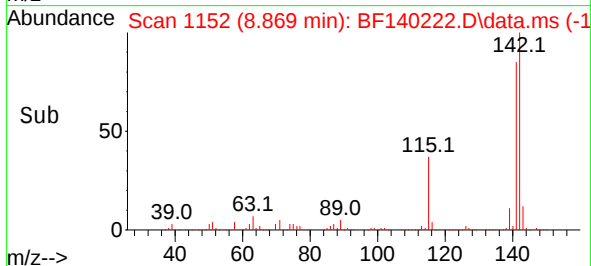
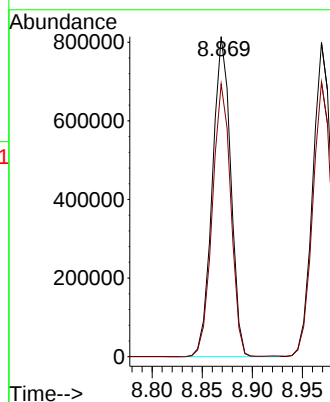
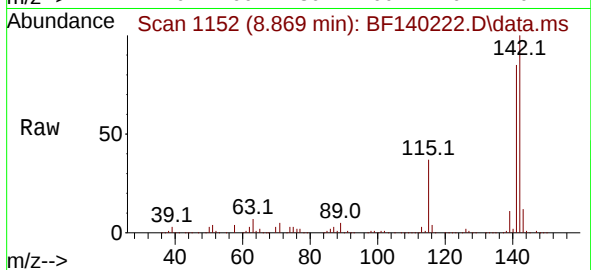
ICVBF110424

Tgt Ion:142 Resp: 1038199

Ion Ratio Lower Upper

142 100

141 85.3 67.4 101.2



#38

1-Methylnaphthalene

Concen: 38.030 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140222.D

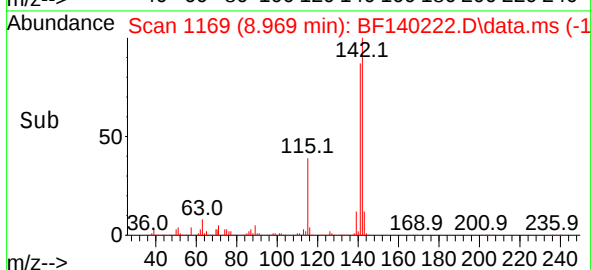
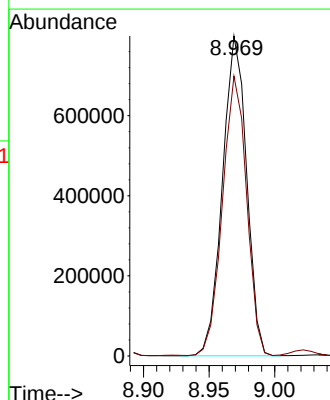
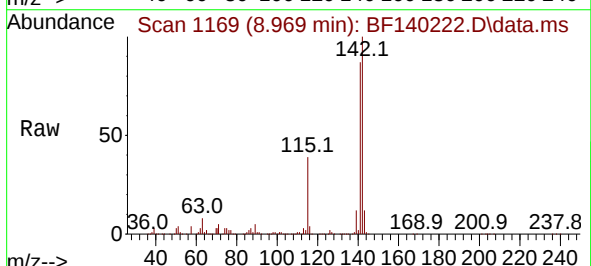
Acq: 04 Nov 2024 16:30

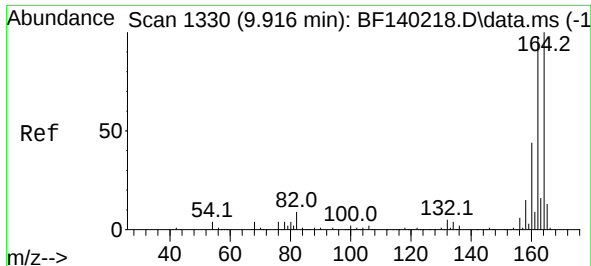
Tgt Ion:142 Resp: 1019408

Ion Ratio Lower Upper

142 100

141 87.5 70.6 106.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

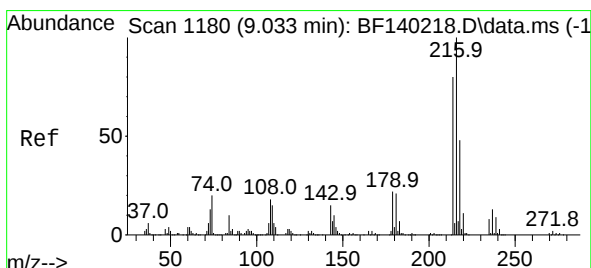
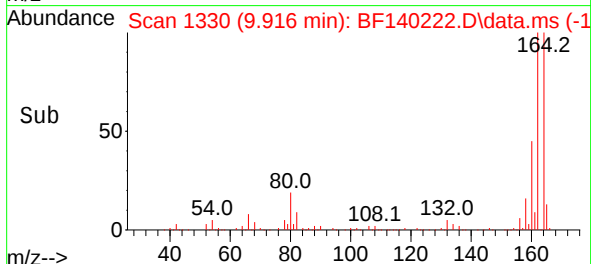
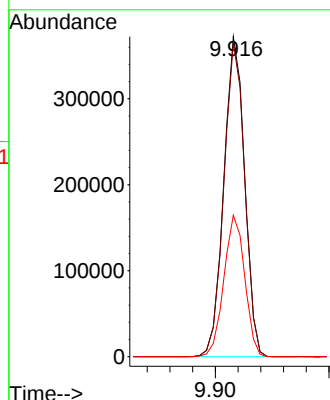
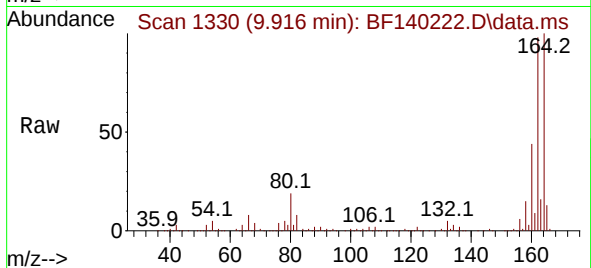
Tgt Ion:164 Resp: 473464

Ion Ratio Lower Upper

164 100

162 98.1 78.5 117.7

160 44.2 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.094 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Tgt Ion:216 Resp: 571296

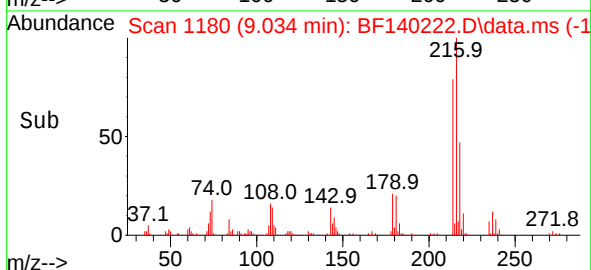
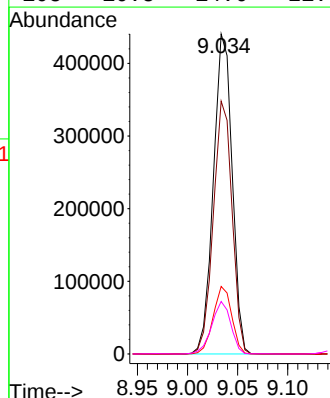
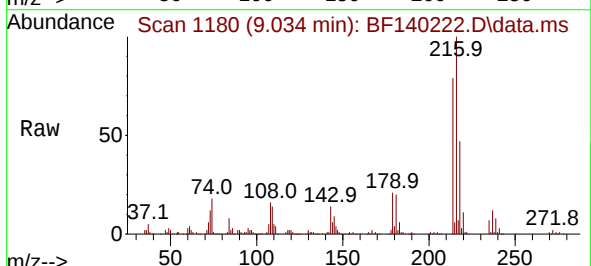
Ion Ratio Lower Upper

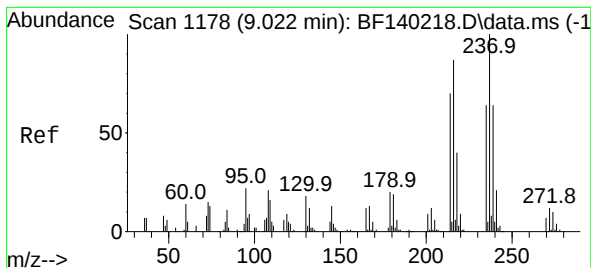
216 100

214 78.8 63.3 94.9

179 20.8 17.2 25.8

108 16.8 14.6 21.8





#41

Hexachlorocyclopentadiene

Concen: 42.507 ng

RT: 9.022 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

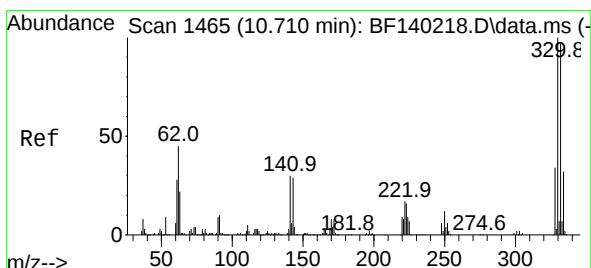
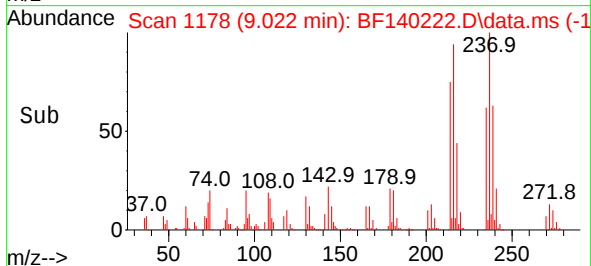
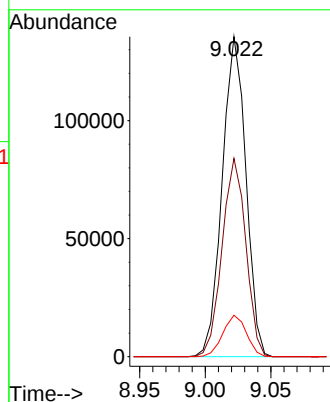
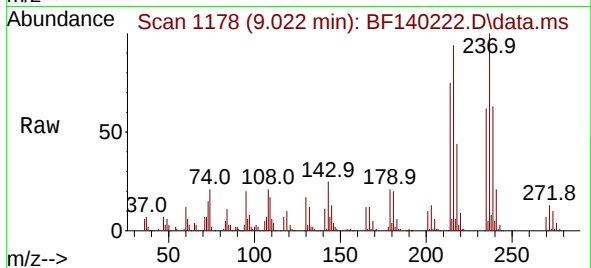
Tgt Ion:237 Resp: 170360

Ion Ratio Lower Upper

237 100

235 62.0 43.7 83.7

272 12.9 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 81.350 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

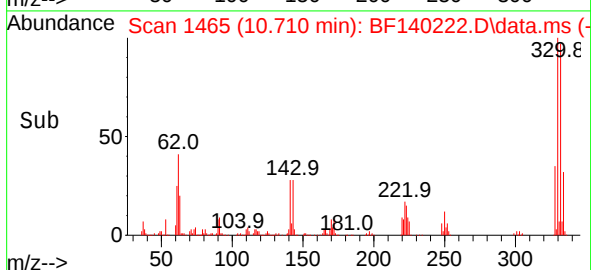
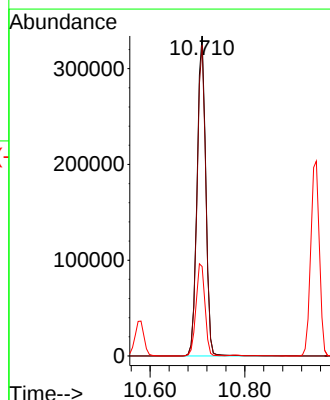
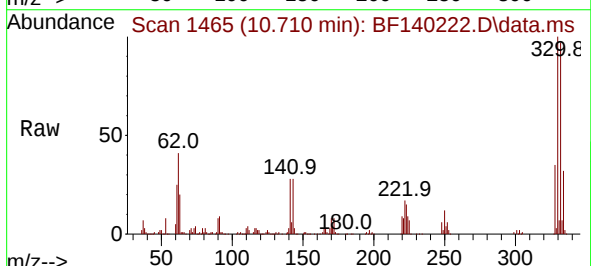
Tgt Ion:330 Resp: 424674

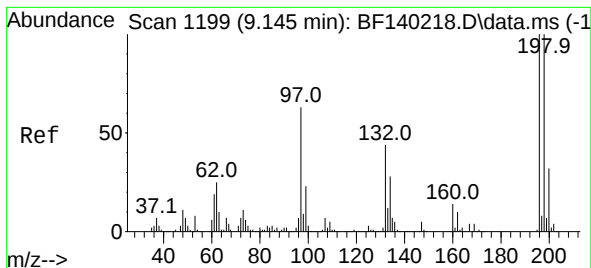
Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 29.9 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 40.677 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

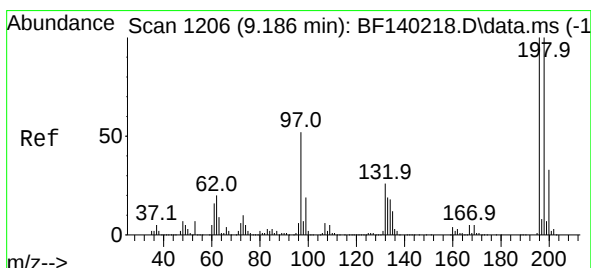
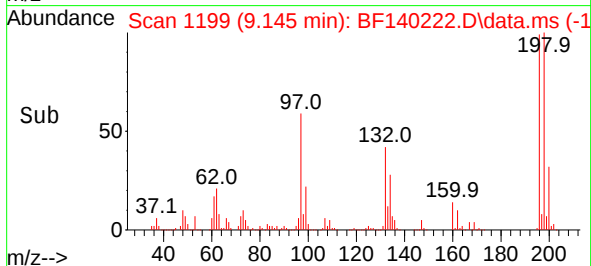
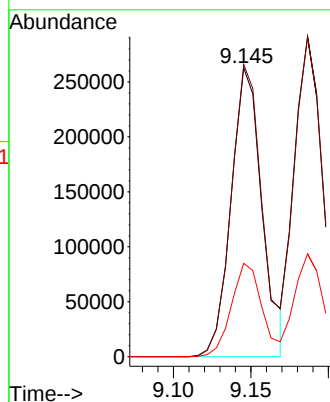
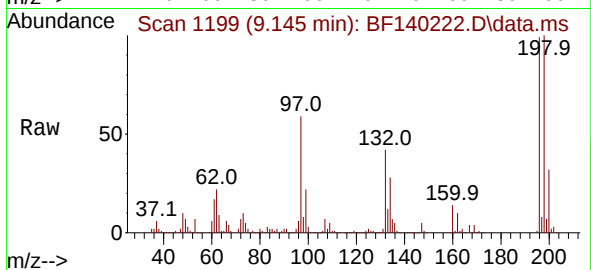
Tgt Ion:196 Resp: 362972

Ion Ratio Lower Upper

196 100

198 101.2 79.9 119.9

200 32.3 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 39.387 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Tgt Ion:196 Resp: 367215

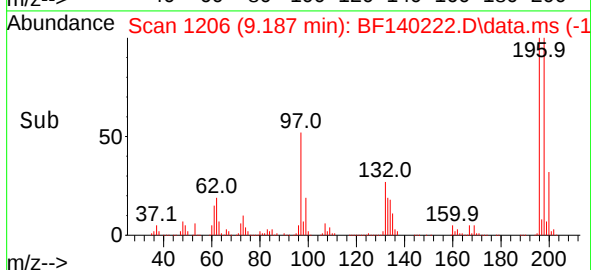
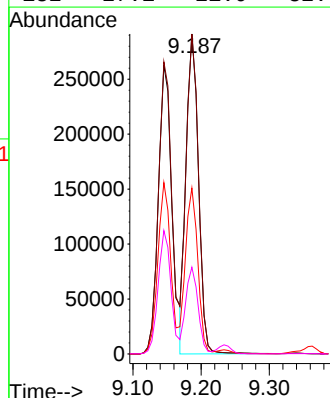
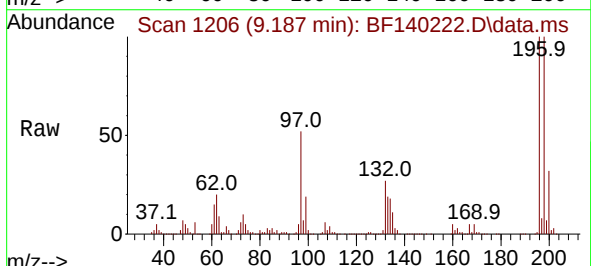
Ion Ratio Lower Upper

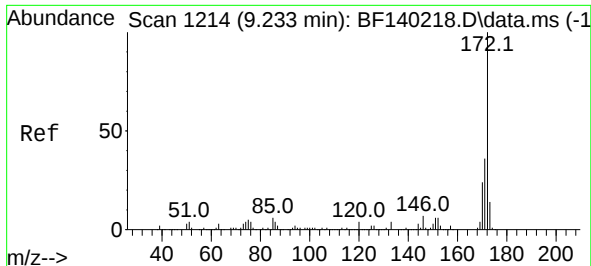
196 100

198 99.9 80.1 120.1

97 51.9 43.4 65.2

132 27.1 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 75.698 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

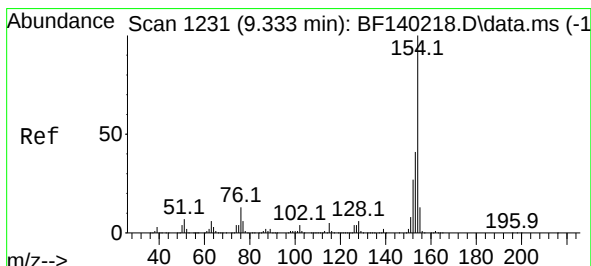
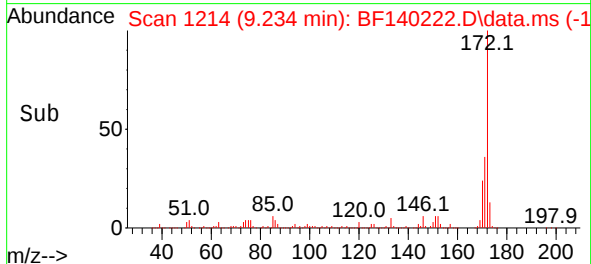
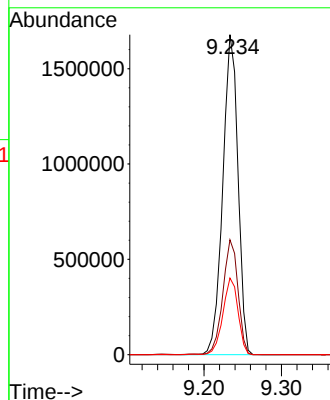
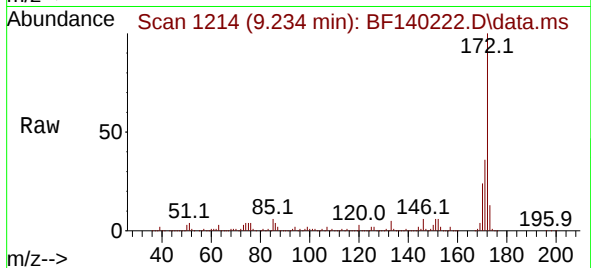
Tgt Ion:172 Resp: 2292943

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 24.0 19.2 28.8



#46

1,1'-Biphenyl

Concen: 37.919 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

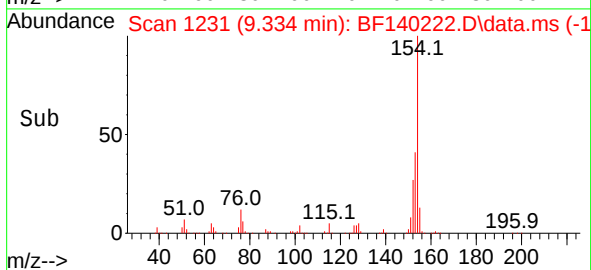
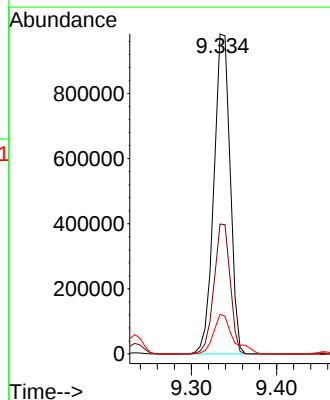
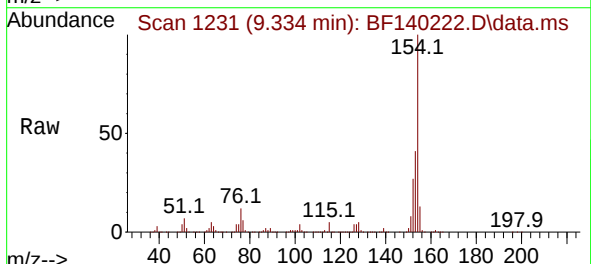
Tgt Ion:154 Resp: 1303171

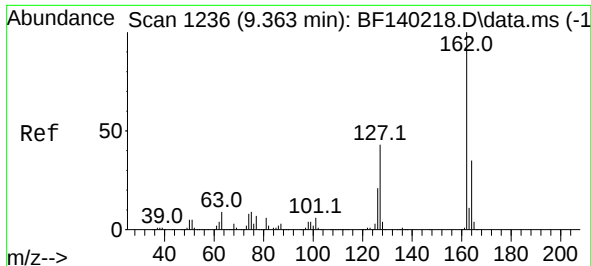
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 12.4 0.0 32.7





#47

2-Chloronaphthalene

Concen: 38.792 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

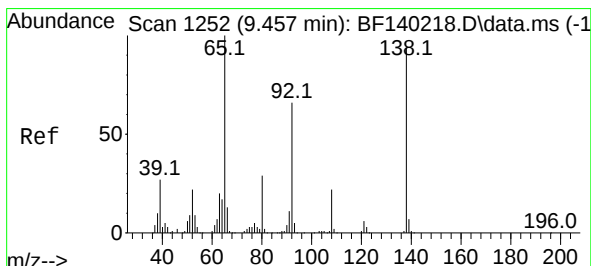
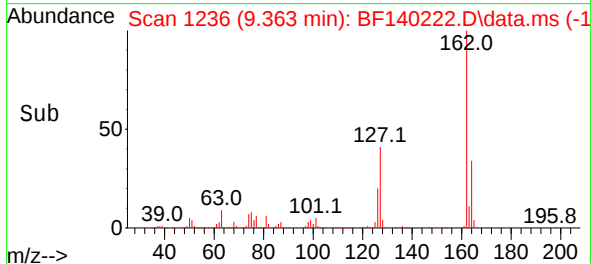
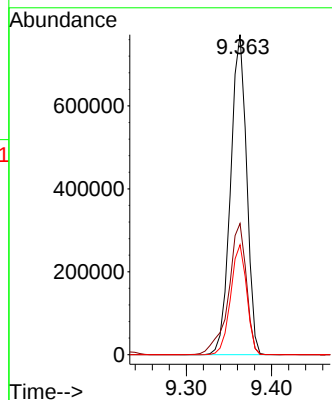
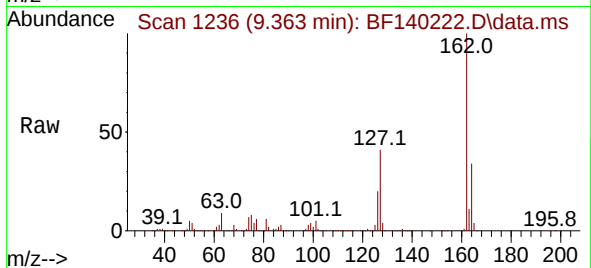
Tgt Ion:162 Resp: 1011538

Ion Ratio Lower Upper

162 100

127 41.0 34.2 51.2

164 34.3 27.7 41.5



#48

2-Nitroaniline

Concen: 37.081 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

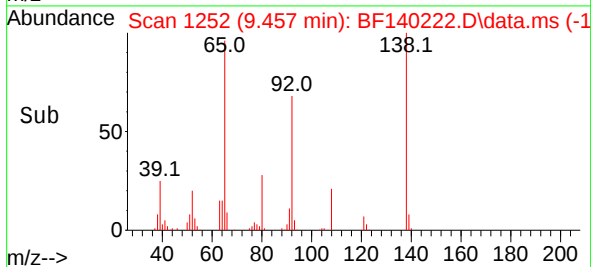
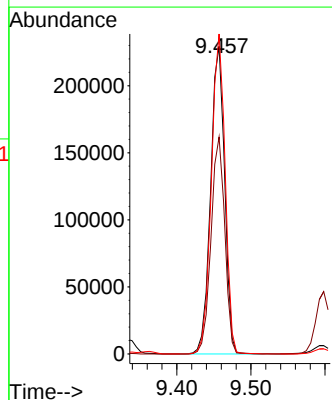
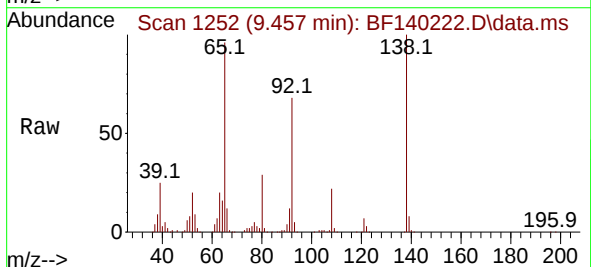
Tgt Ion: 65 Resp: 300546

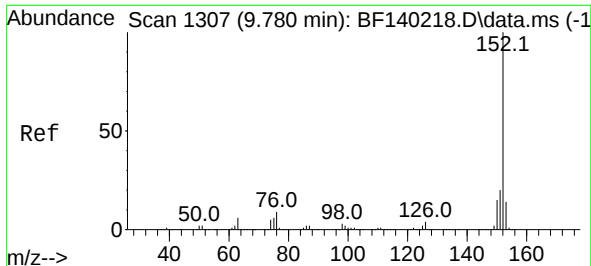
Ion Ratio Lower Upper

65 100

92 70.5 52.5 78.7

138 104.0 75.4 113.0





#49

Acenaphthylene

Concen: 38.450 ng

RT: 9.781 min Scan# 1411091

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

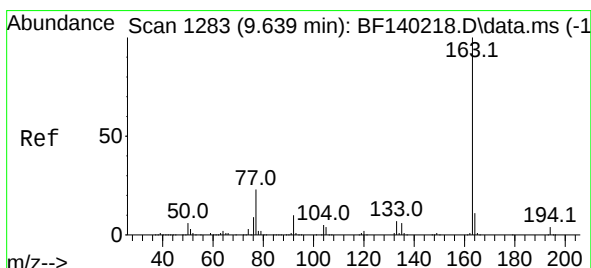
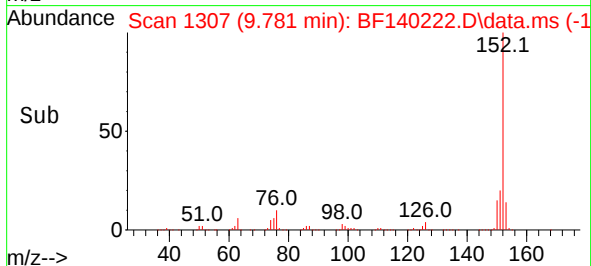
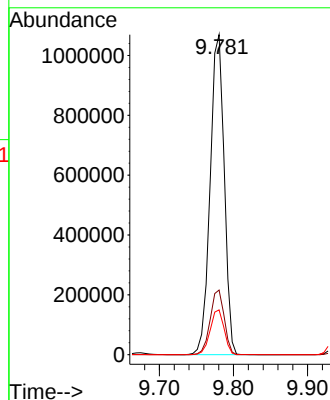
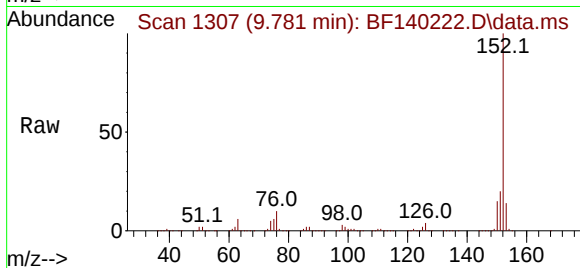
Tgt Ion:152 Resp: 1411091

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 14.0 11.3 16.9



#50

Dimethylphthalate

Concen: 38.418 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

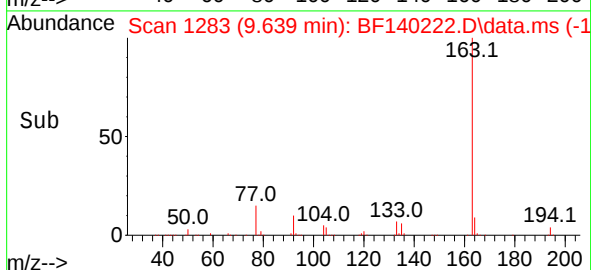
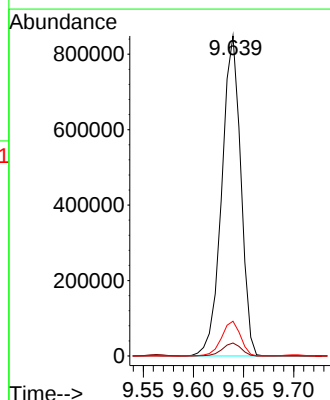
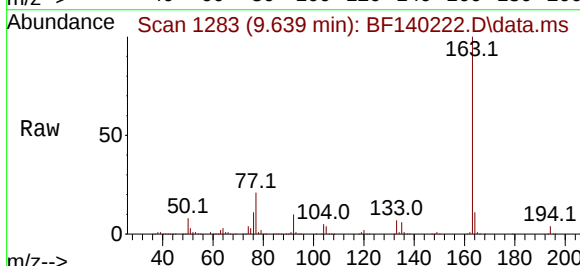
Tgt Ion:163 Resp: 1115448

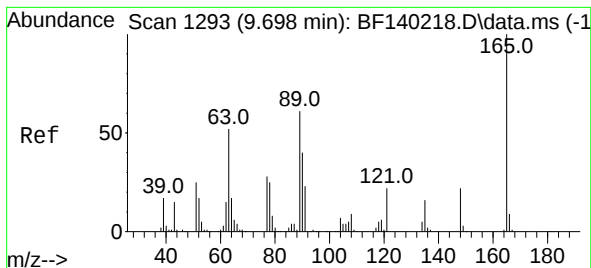
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.9 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 39.590 ng

RT: 9.698 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

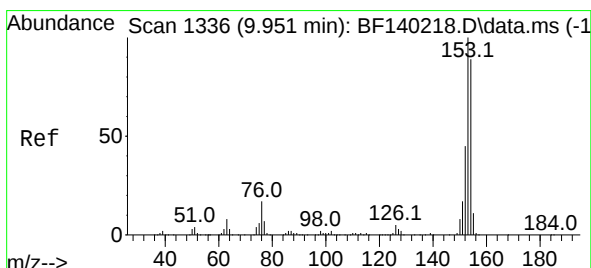
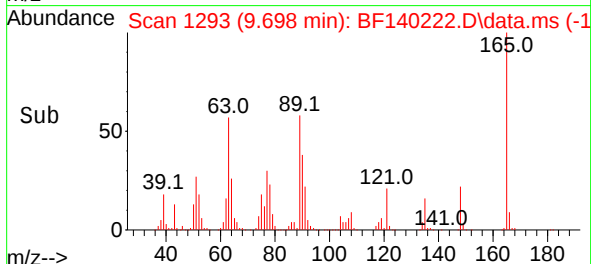
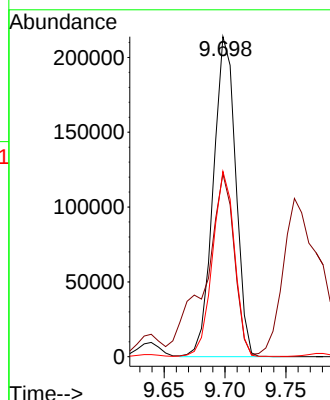
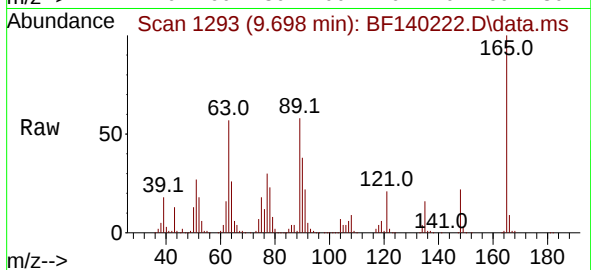
Tgt Ion:165 Resp: 273920

Ion Ratio Lower Upper

165 100

63 57.1 50.7 76.1

89 57.9 49.2 73.8



#52

Acenaphthene

Concen: 38.413 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

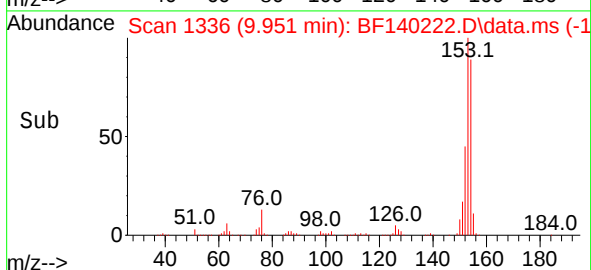
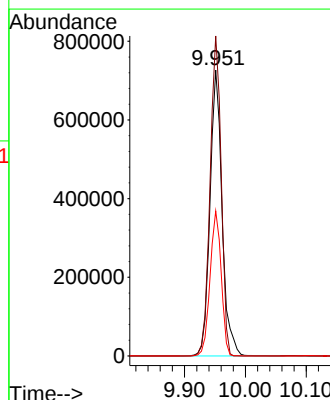
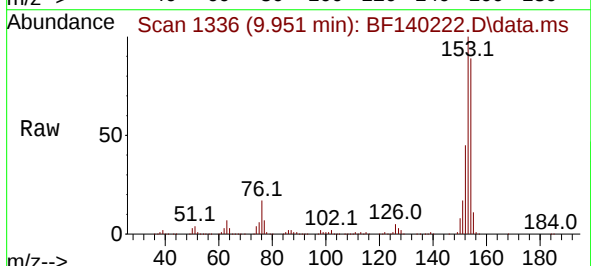
Tgt Ion:154 Resp: 1004850

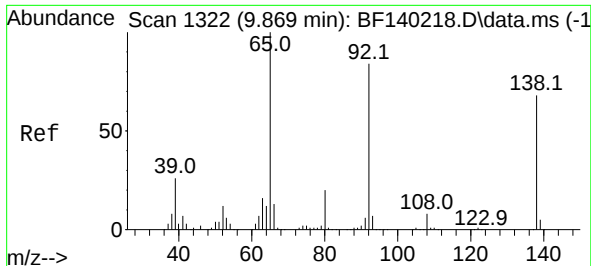
Ion Ratio Lower Upper

154 100

153 111.9 90.4 135.6

152 50.7 41.0 61.6





#53

3-Nitroaniline

Concen: 39.605 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

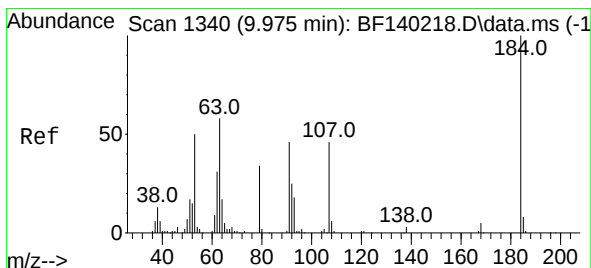
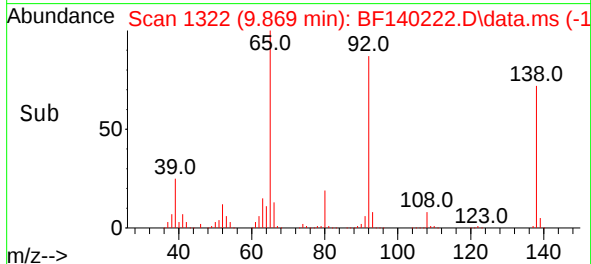
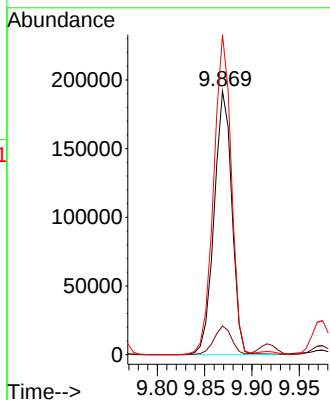
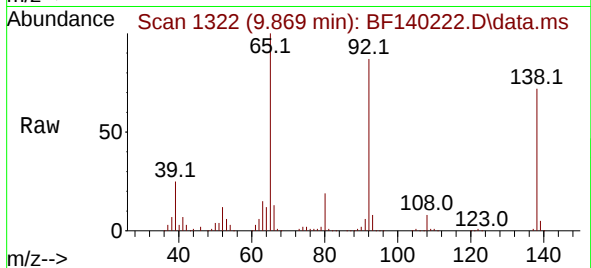
Tgt Ion:138 Resp: 250044

Ion Ratio Lower Upper

138 100

108 10.9 9.0 13.4

92 121.5 99.6 149.4



#54

2,4-Dinitrophenol

Concen: 39.148 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

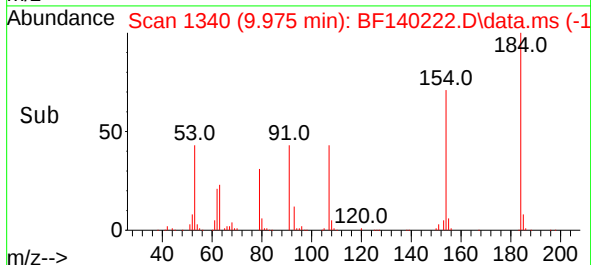
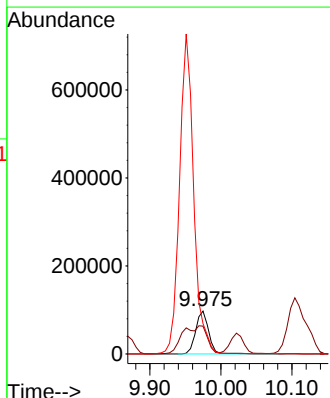
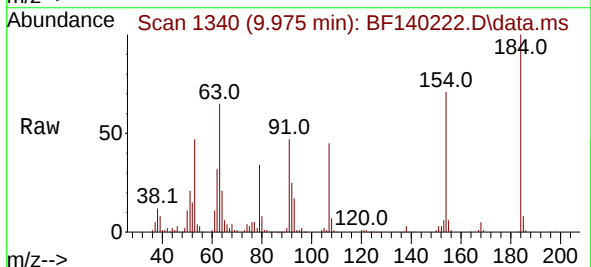
Tgt Ion:184 Resp: 123977

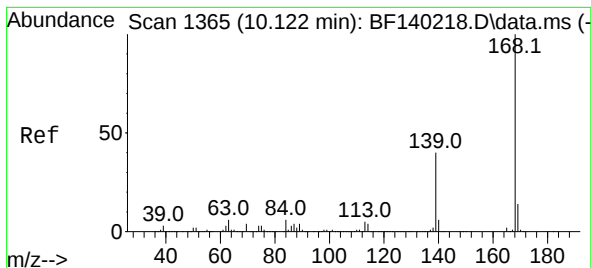
Ion Ratio Lower Upper

184 100

63 64.9 55.0 82.4

154 71.0 58.6 87.8





#55

Dibenzenofuran

Concen: 38.050 ng

RT: 10.122 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

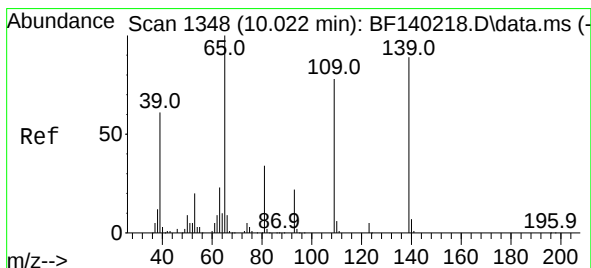
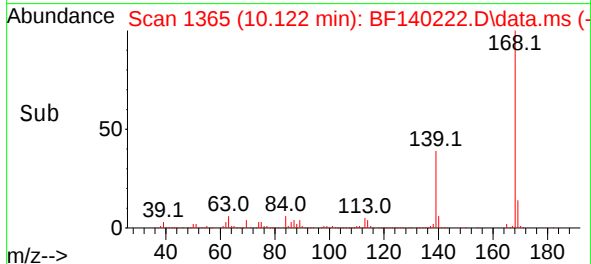
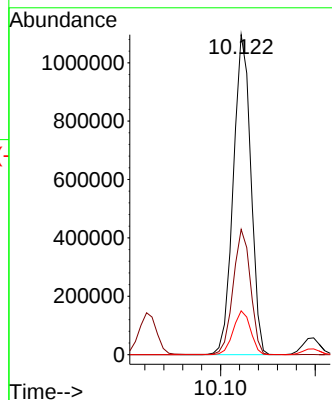
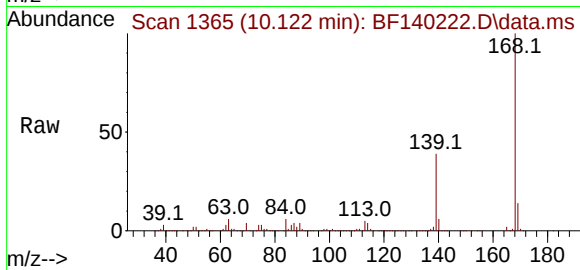
Tgt Ion:168 Resp: 1405962

Ion Ratio Lower Upper

168 100

139 39.1 32.0 48.0

169 13.7 11.0 16.4



#56

4-Nitrophenol

Concen: 40.458 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

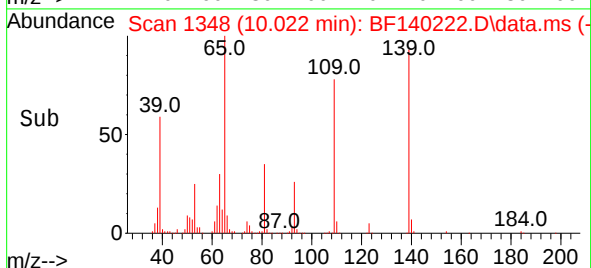
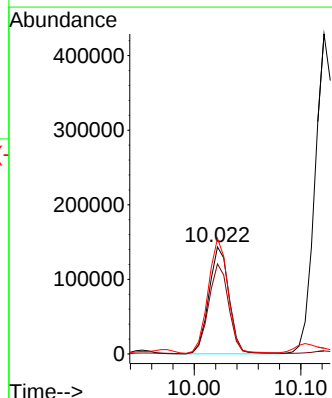
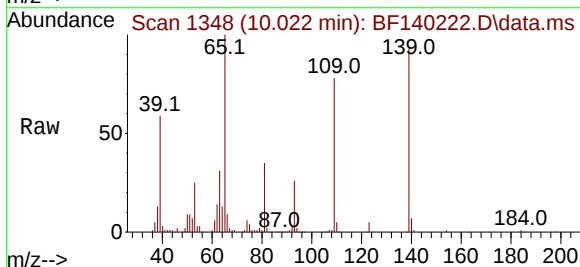
Tgt Ion:139 Resp: 189008

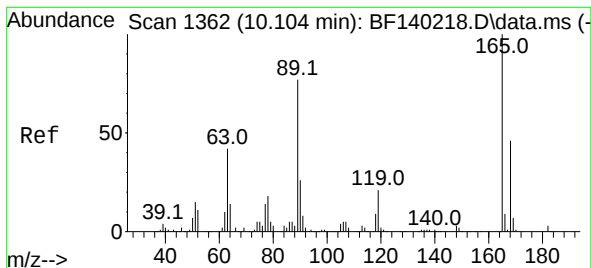
Ion Ratio Lower Upper

139 100

109 84.1 68.1 108.1

65 108.1 93.8 133.8

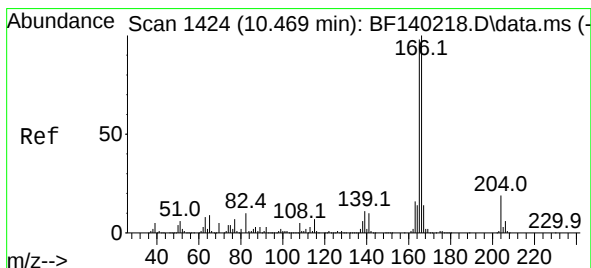
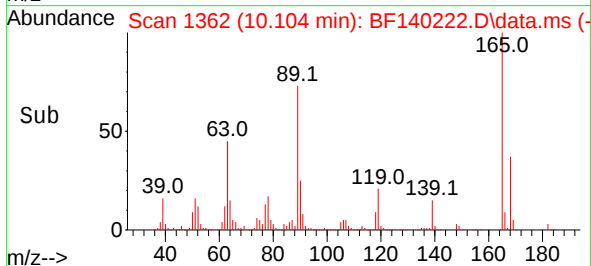
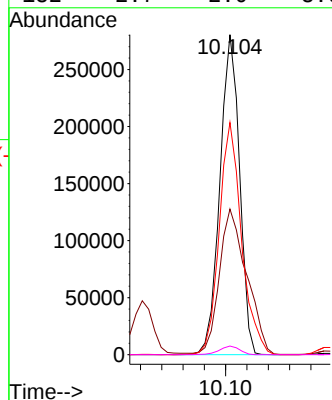
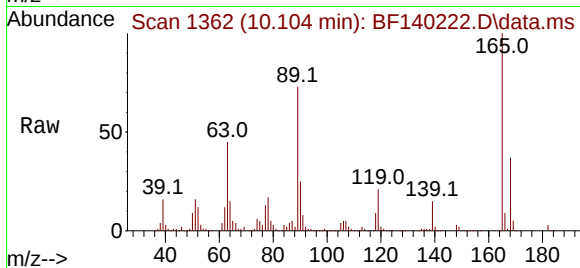




#57
2,4-Dinitrotoluene
Concen: 39.582 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

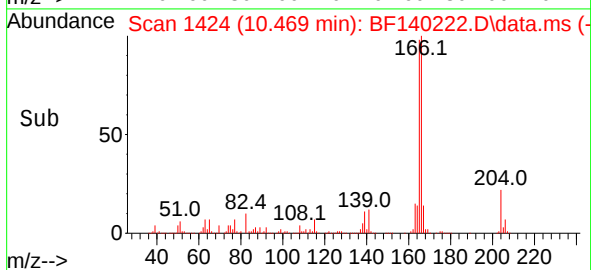
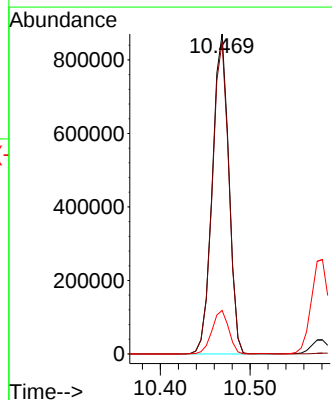
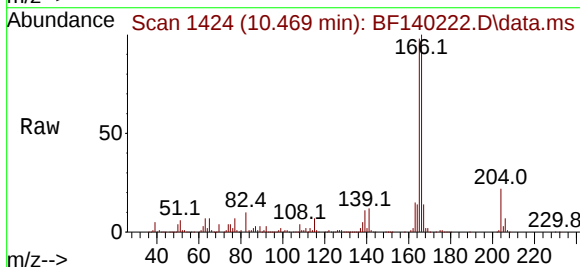
Instrument :
BNA_F
ClientSampleId :
ICVBF110424

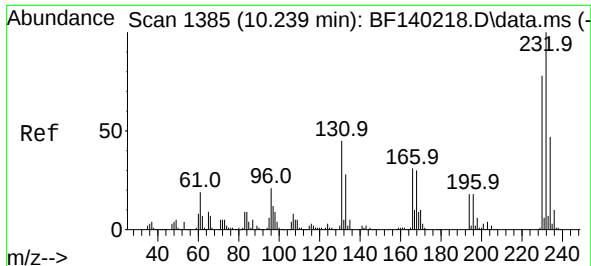
Tgt Ion:165 Resp: 358505
Ion Ratio Lower Upper
165 100
63 45.5 39.7 59.5
89 72.6 61.4 92.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 37.564 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion:166 Resp: 1109968
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.675 ng

RT: 10.239 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

Tgt Ion:232 Resp: 314200

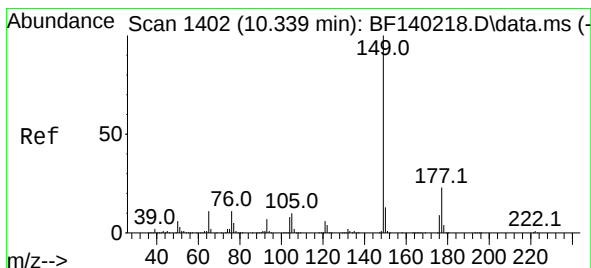
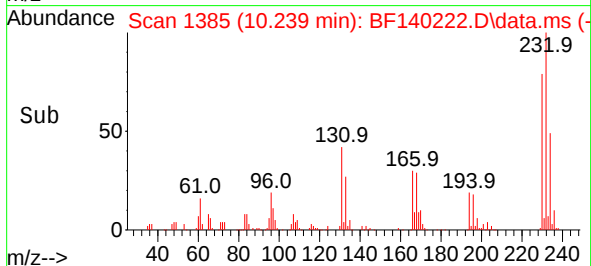
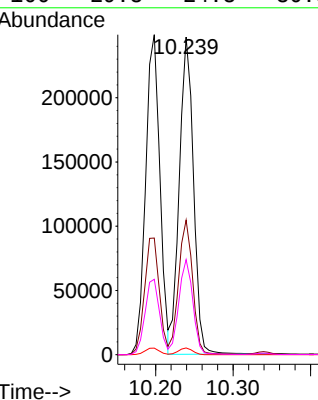
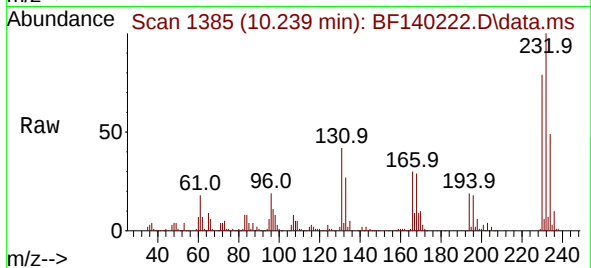
Ion Ratio Lower Upper

232 100

131 41.8 35.4 53.2

130 2.1 1.8 2.8

166 29.3 24.3 36.5



#60

Diethylphthalate

Concen: 38.245 ng

RT: 10.339 min Scan# 1402

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

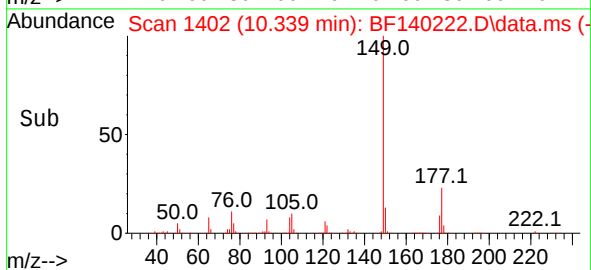
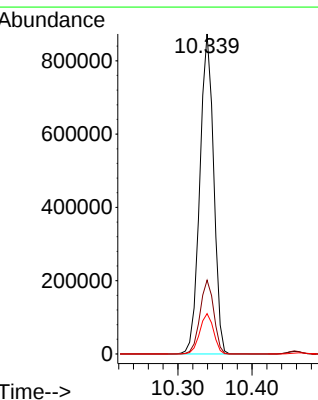
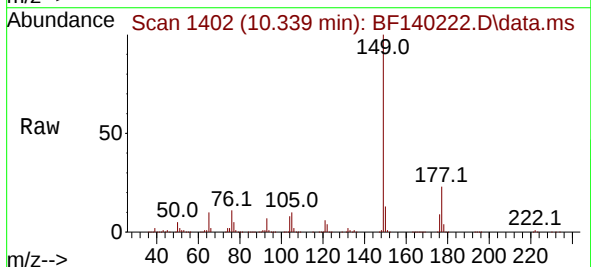
Tgt Ion:149 Resp: 1131207

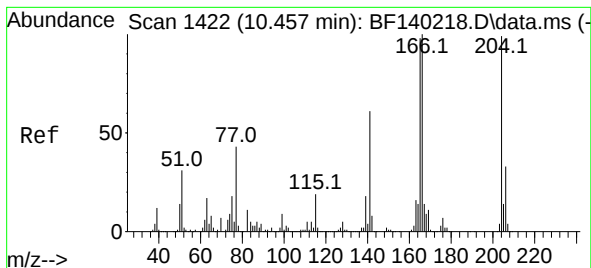
Ion Ratio Lower Upper

149 100

177 23.1 18.2 27.2

150 12.6 10.2 15.2

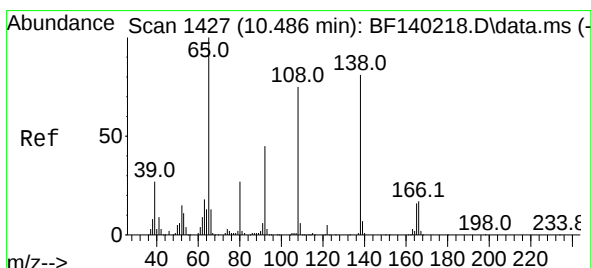
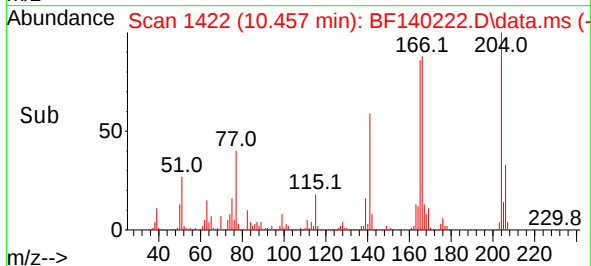
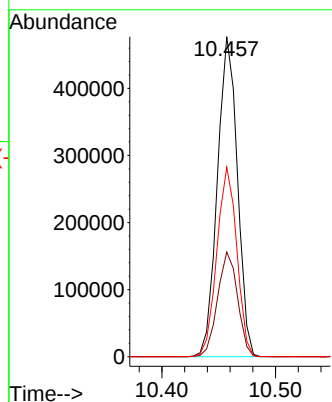
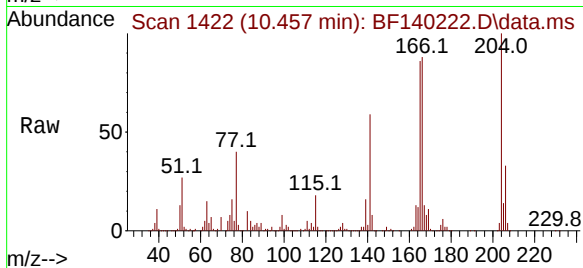




#61
4-Chlorophenyl-phenylether
Concen: 38.434 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

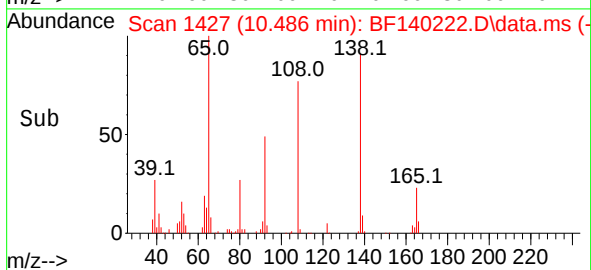
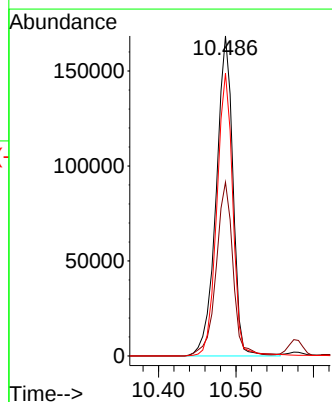
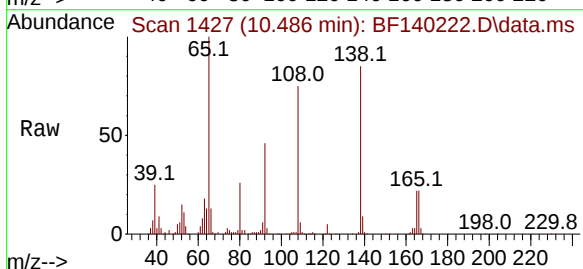
Instrument :
BNA_F
ClientSampleId :
ICVBF110424

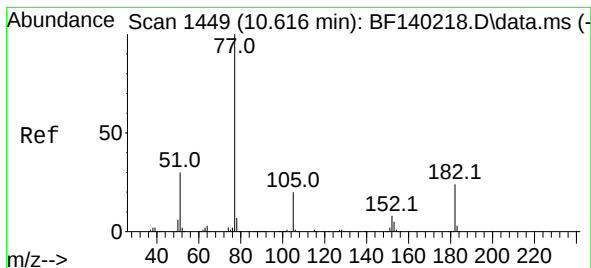
Tgt Ion:204 Resp: 584377
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 59.2 49.3 73.9



#62
4-Nitroaniline
Concen: 39.567 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion:138 Resp: 253958
Ion Ratio Lower Upper
138 100
92 54.3 35.3 75.3
108 88.4 73.1 113.1





#63

Azobenzene

Concen: 36.558 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

Tgt Ion: 77 Resp: 1096474

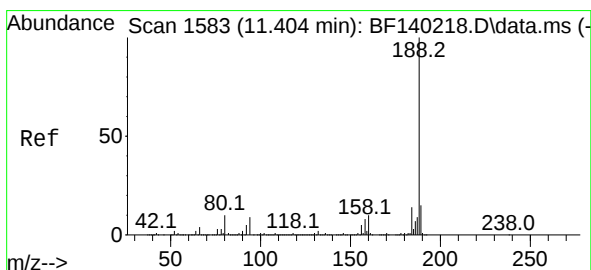
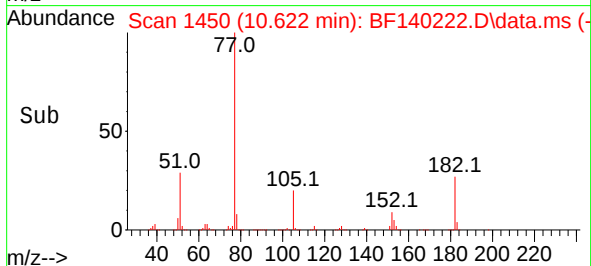
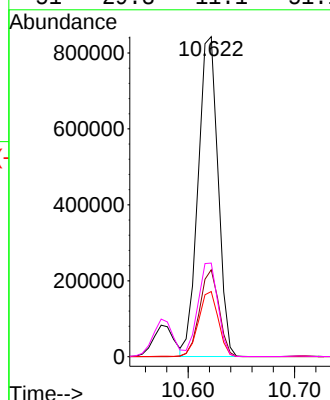
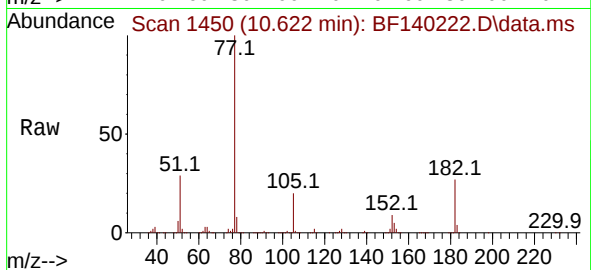
Ion Ratio Lower Upper

77 100

182 27.2 4.0 44.0

105 20.3 0.0 39.5

51 29.3 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

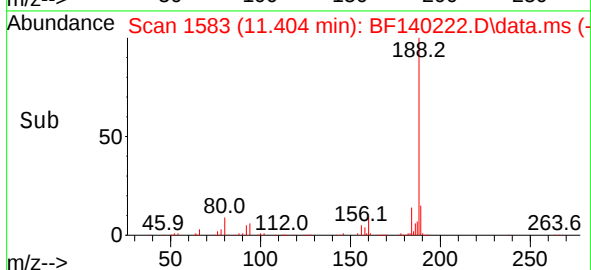
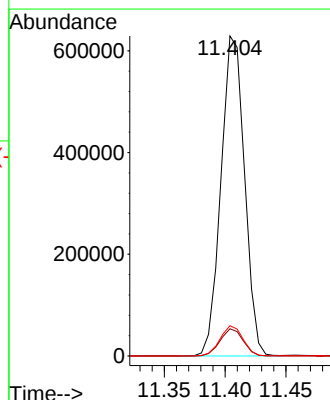
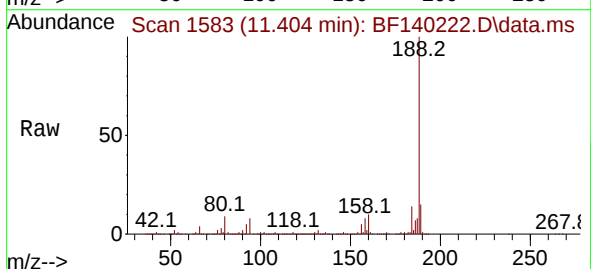
Tgt Ion: 188 Resp: 847494

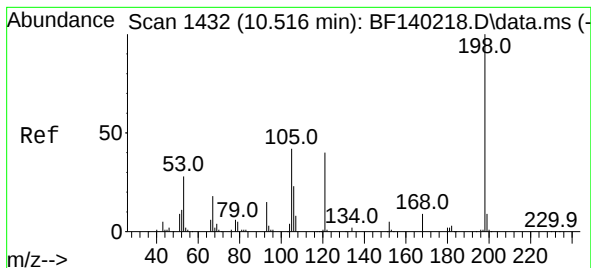
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 9.5 7.9 11.9

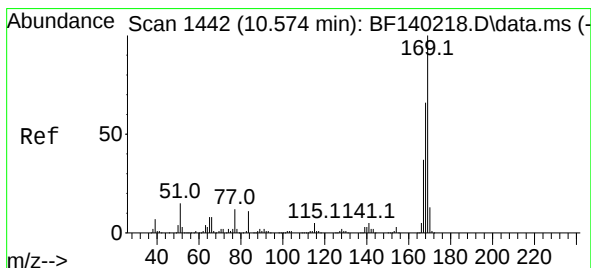
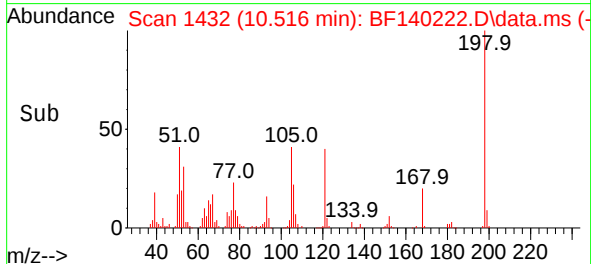
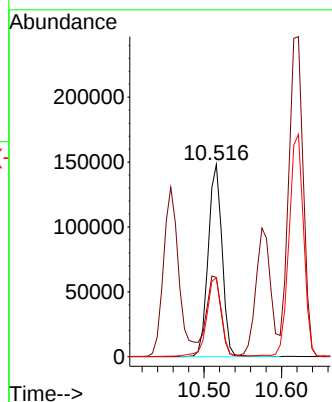
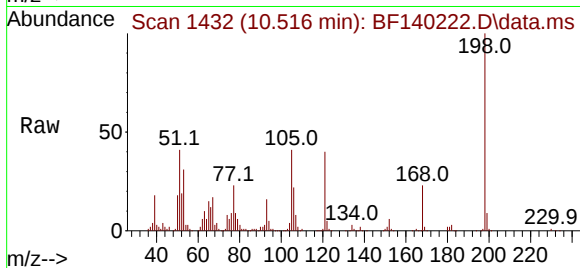




#65
4,6-Dinitro-2-methylphenol
Concen: 41.617 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

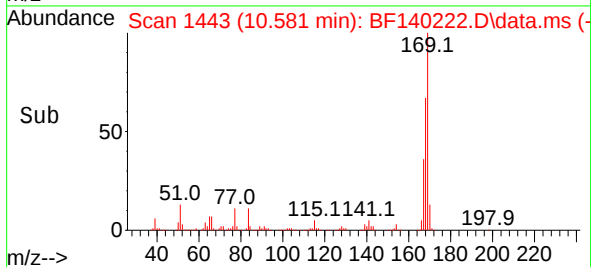
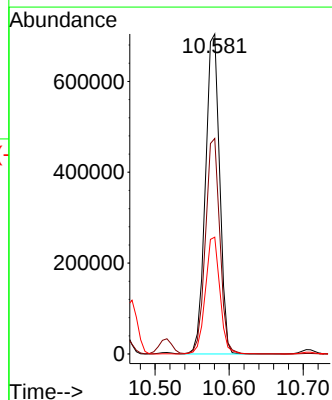
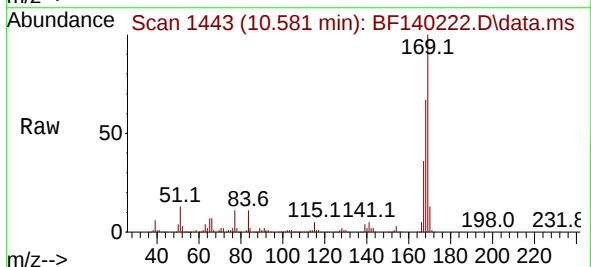
Instrument :
BNA_F
ClientSampleId :
ICVBF110424

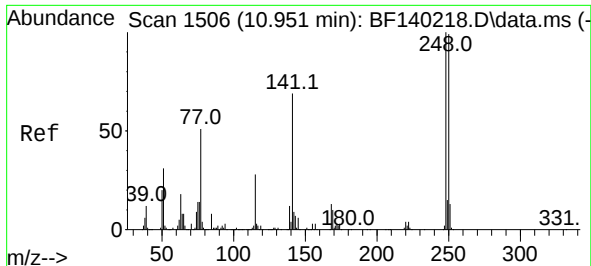
Tgt Ion:198 Resp: 184673
Ion Ratio Lower Upper
198 100
51 41.2 25.4 65.4
105 41.0 22.3 62.3



#66
n-Nitrosodiphenylamine
Concen: 38.288 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion:169 Resp: 934655
Ion Ratio Lower Upper
169 100
168 67.4 53.0 79.4
167 36.5 29.3 43.9

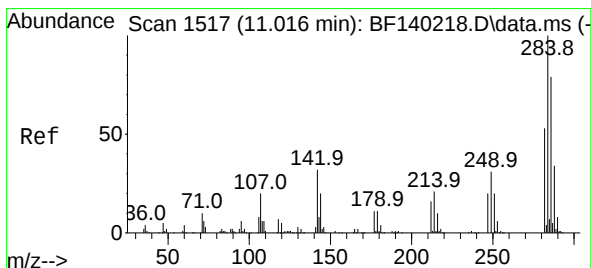
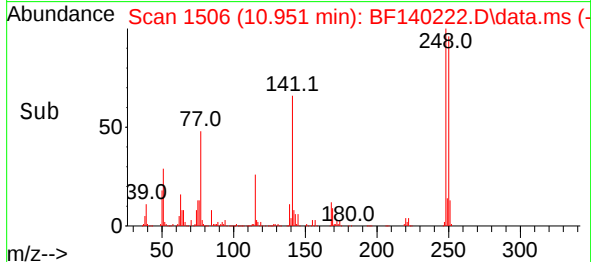
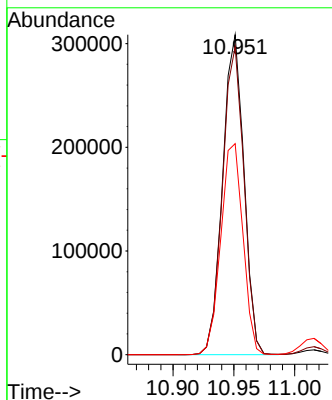
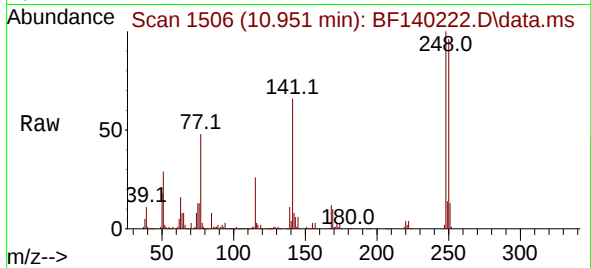




#67
4-Bromophenyl-phenylether
Concen: 39.582 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

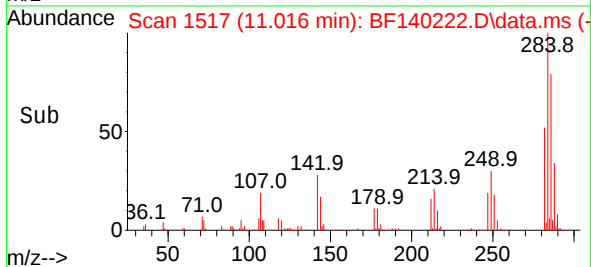
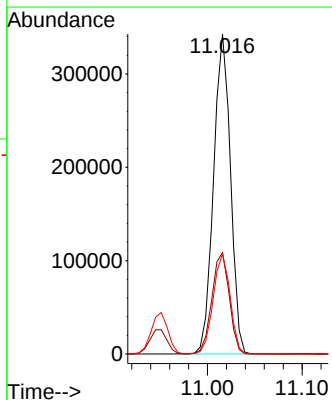
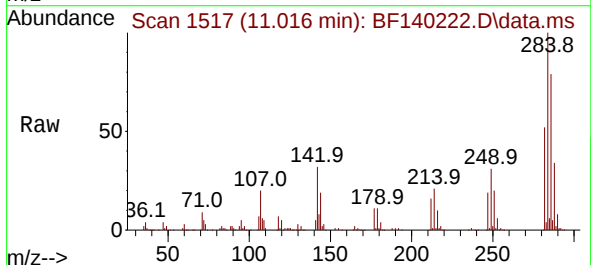
Instrument :
BNA_F
ClientSampleId :
ICVBF110424

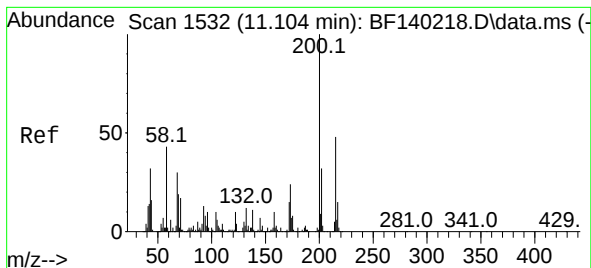
Tgt Ion:248 Resp: 377774
Ion Ratio Lower Upper
248 100
250 96.2 79.0 118.4
141 65.9 55.0 82.6



#68
Hexachlorobenzene
Concen: 39.460 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion:284 Resp: 425020
Ion Ratio Lower Upper
284 100
142 31.6 26.2 39.2
249 31.3 25.4 38.0





#69

Atrazine

Concen: 41.052 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

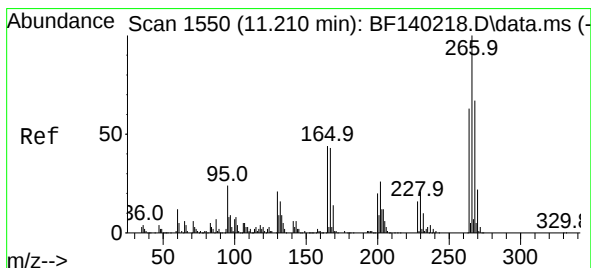
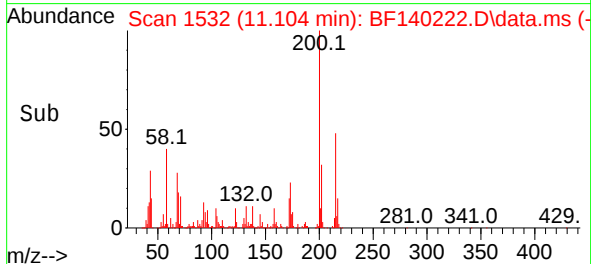
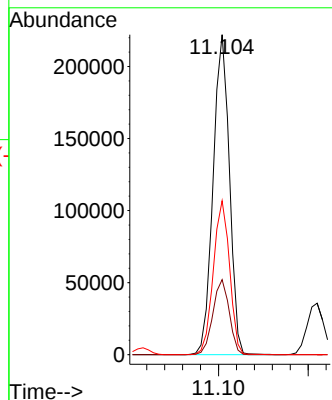
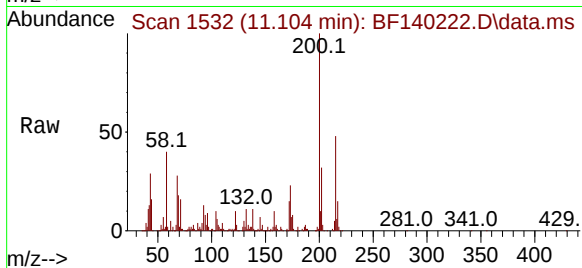
Tgt Ion:200 Resp: 280364

Ion Ratio Lower Upper

200 100

173 23.5 3.9 43.9

215 48.1 27.6 67.6



#70

Pentachlorophenol

Concen: 43.268 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

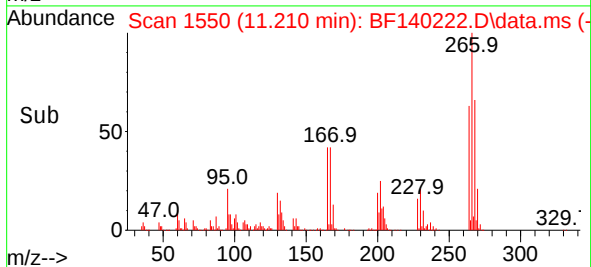
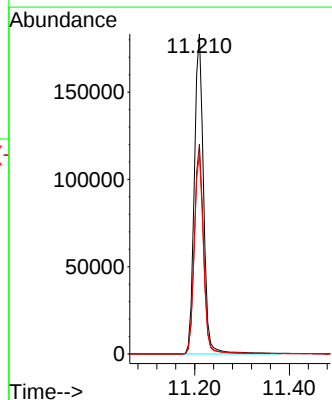
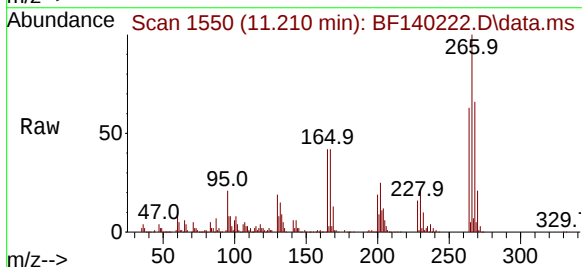
Tgt Ion:266 Resp: 248191

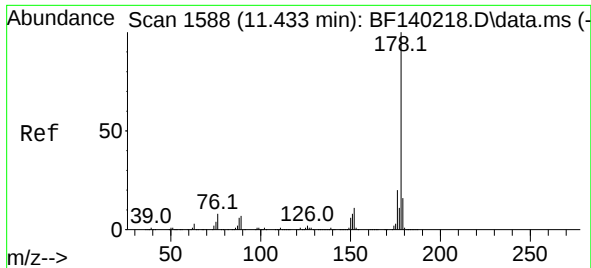
Ion Ratio Lower Upper

266 100

268 65.5 53.9 80.9

264 62.6 50.3 75.5

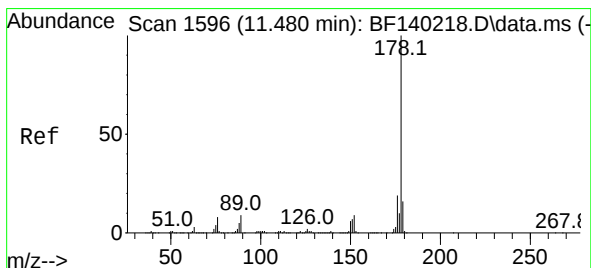
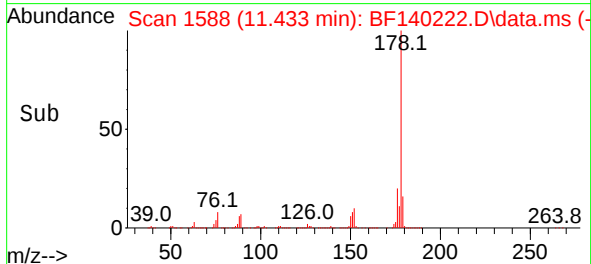
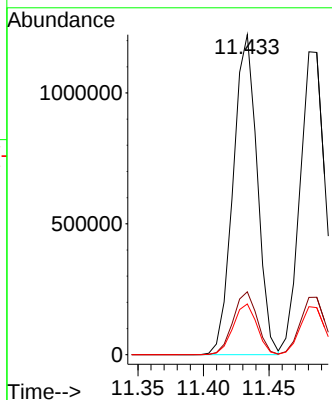
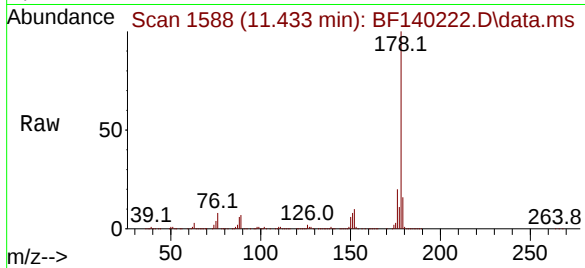




#71
Phenanthrene
Concen: 37.872 ng
RT: 11.433 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

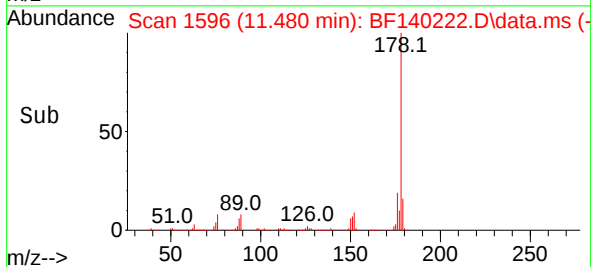
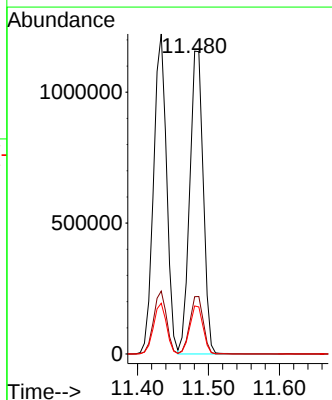
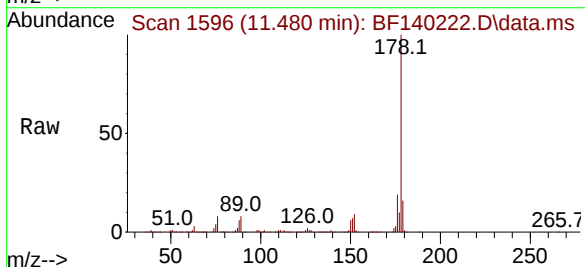
Instrument :
BNA_F
ClientSampleId :
ICVBF110424

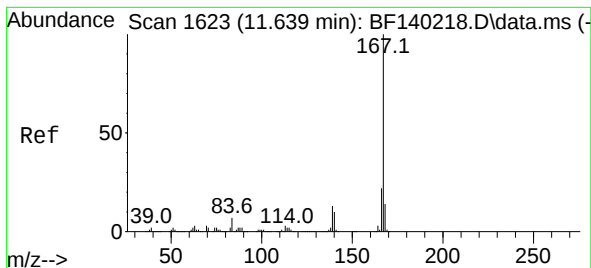
Tgt Ion:178 Resp: 1560242
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.9 12.6 18.8



#72
Anthracene
Concen: 37.815 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion:178 Resp: 1526740
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.8 12.6 19.0





#73

Carbazole

Concen: 37.610 ng

RT: 11.639 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

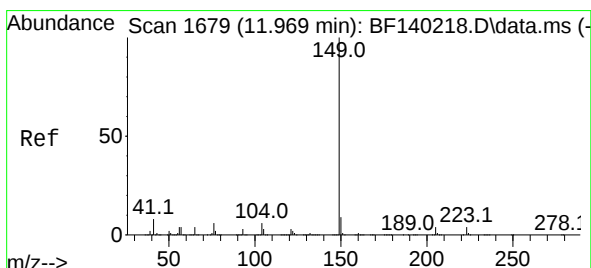
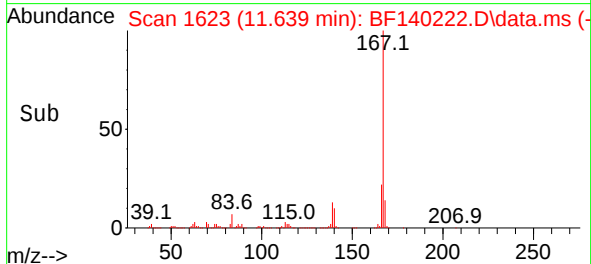
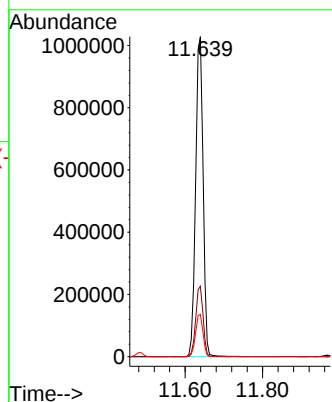
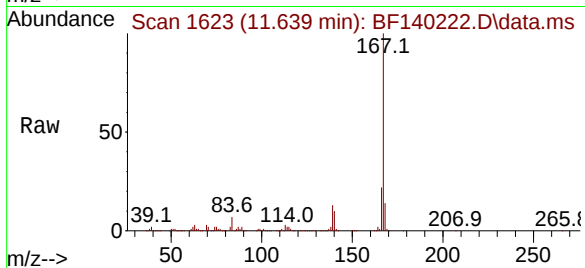
Tgt Ion:167 Resp: 1377196

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 13.2 10.4 15.6



#74

Di-n-butylphthalate

Concen: 38.436 ng

RT: 11.969 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

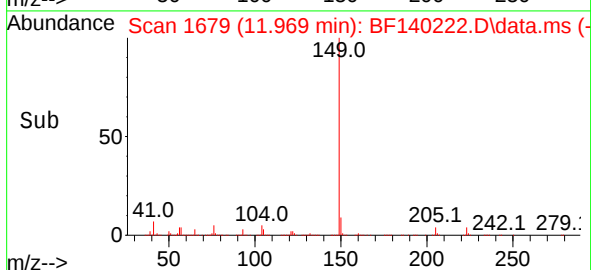
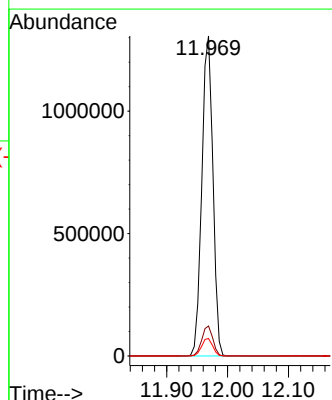
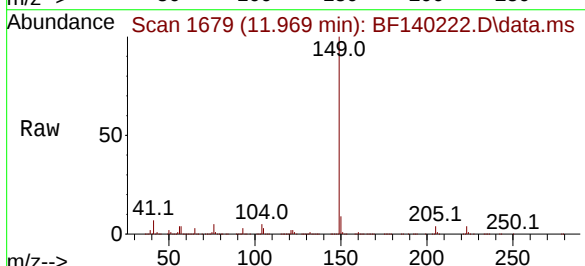
Tgt Ion:149 Resp: 1650671

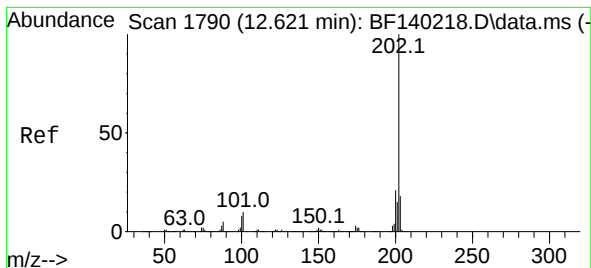
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.5 4.6 6.8





#75

Fluoranthene

Concen: 37.839 ng

RT: 12.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

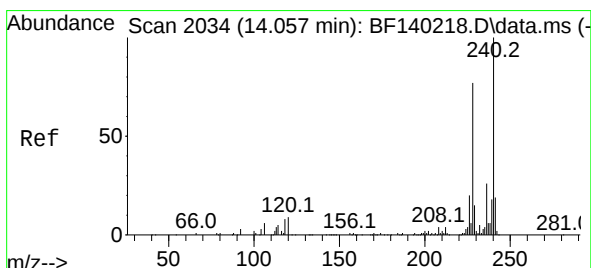
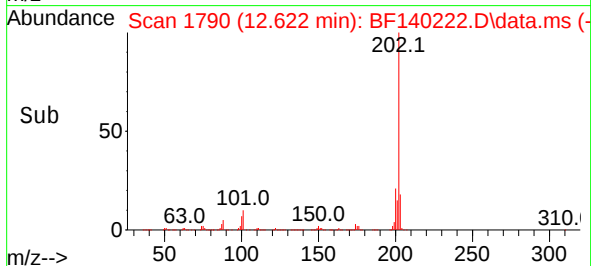
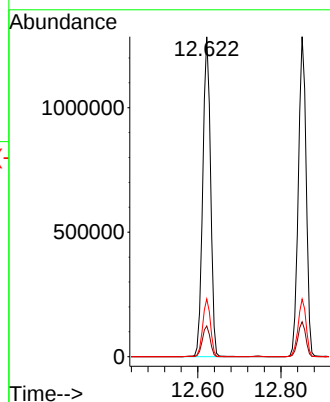
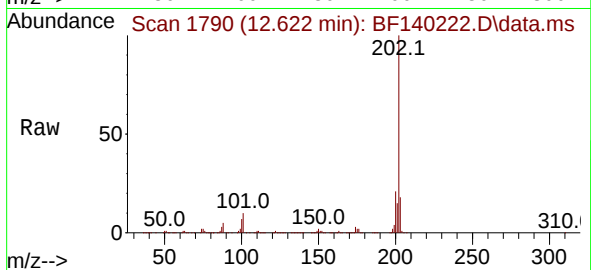
Tgt Ion:202 Resp: 1669769

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.6

203 18.1 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

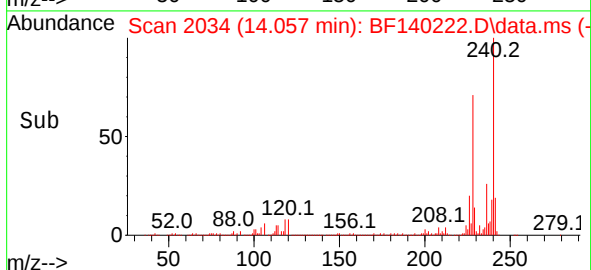
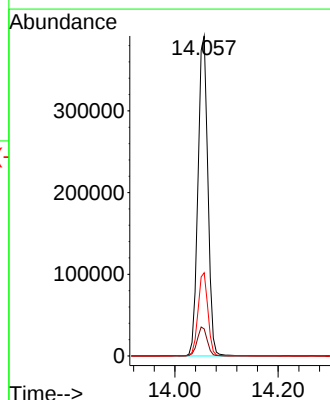
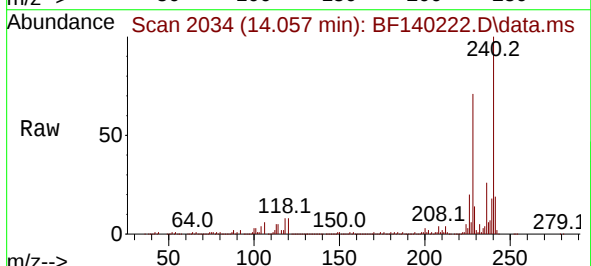
Tgt Ion:240 Resp: 518552

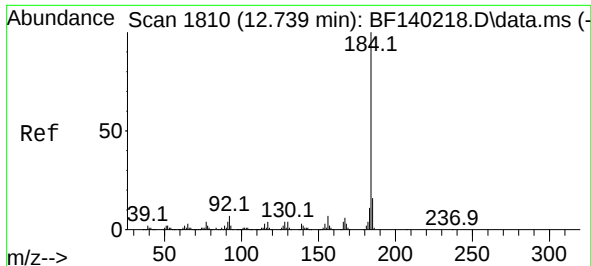
Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.4

236 26.0 20.6 30.8

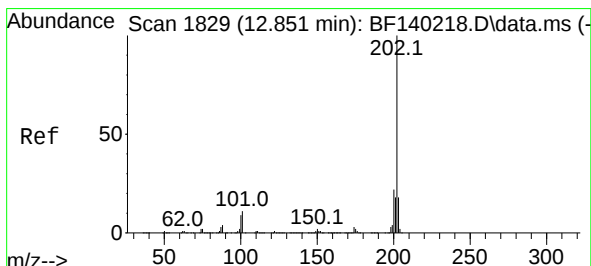
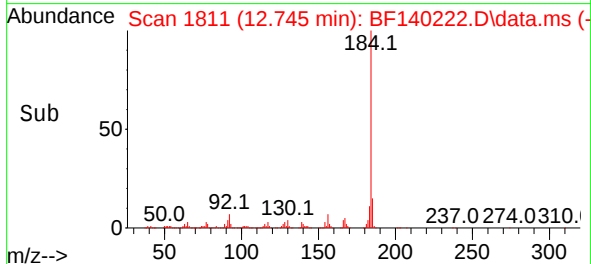
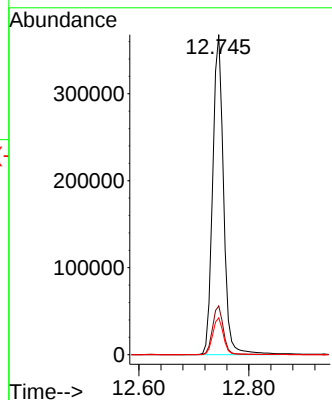
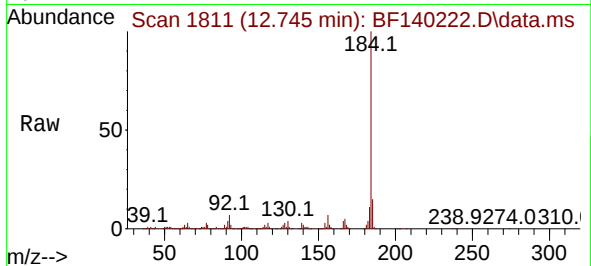




#77
Benzidine
Concen: 56.158 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

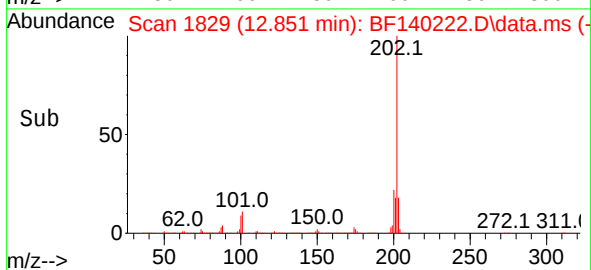
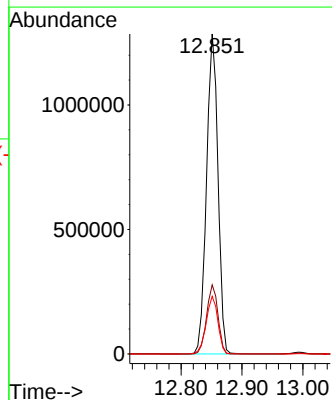
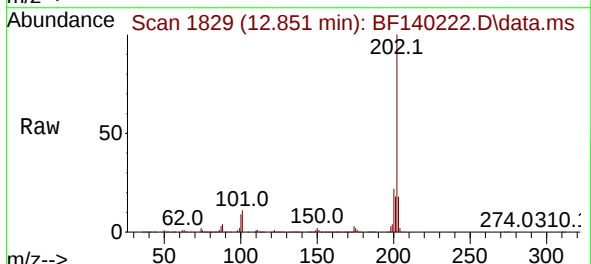
Instrument :
BNA_F
ClientSampleId :
ICVBF110424

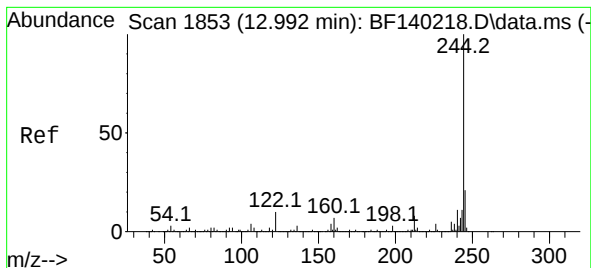
Tgt Ion:184 Resp: 505137
Ion Ratio Lower Upper
184 100
185 15.3 12.4 18.6
183 11.5 9.0 13.6



#78
Pyrene
Concen: 39.265 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion:202 Resp: 1672133
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.0
203 18.0 14.5 21.7





#79

Terphenyl-d14

Concen: 78.524 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

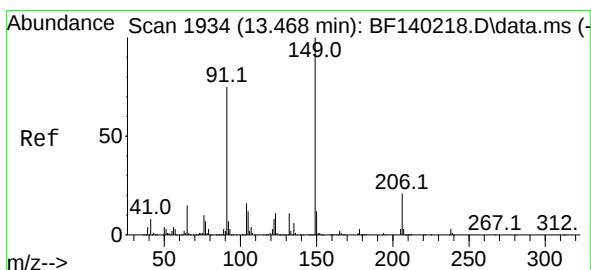
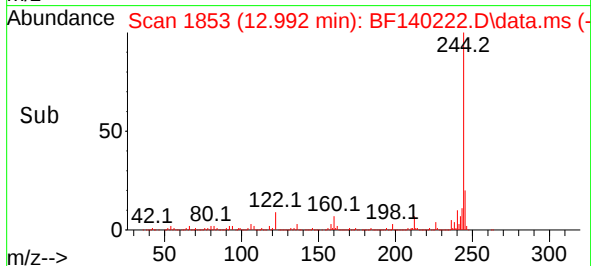
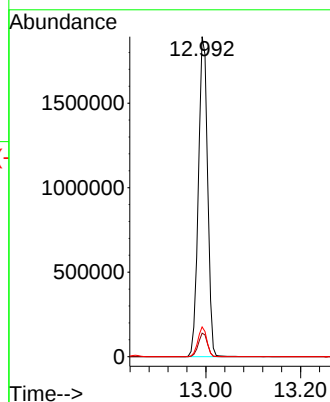
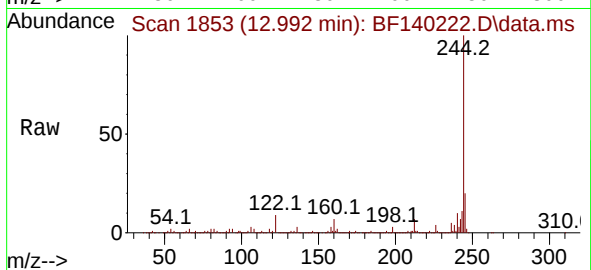
Tgt Ion:244 Resp: 2552131

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 9.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 40.595 ng

RT: 13.469 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

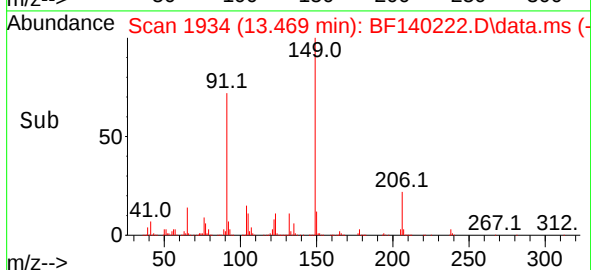
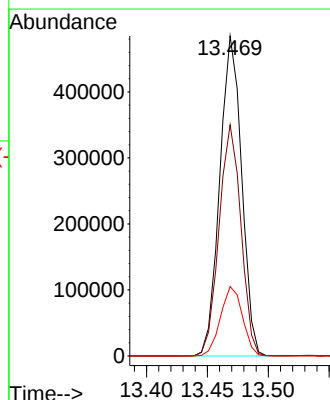
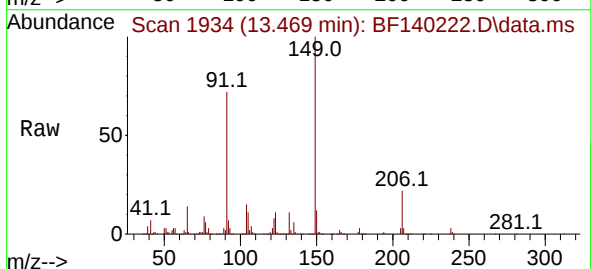
Tgt Ion:149 Resp: 606309

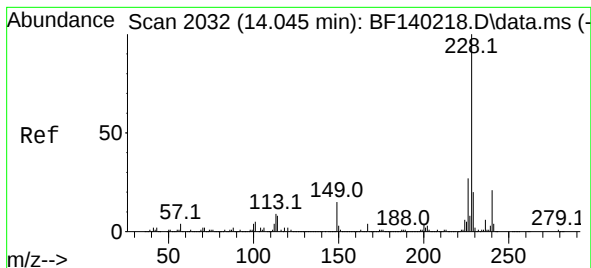
Ion Ratio Lower Upper

149 100

91 72.3 59.9 89.9

206 21.7 16.7 25.1





#81

Benzo(a)anthracene

Concen: 38.926 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

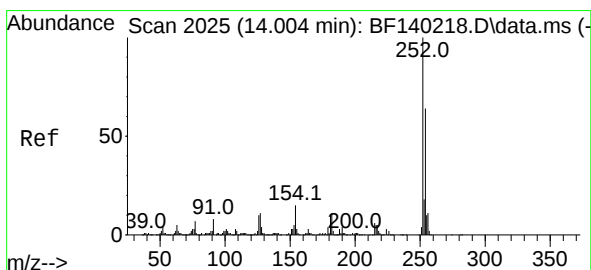
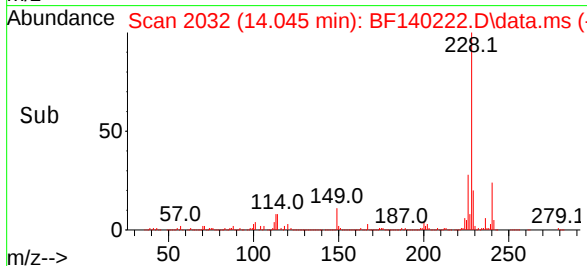
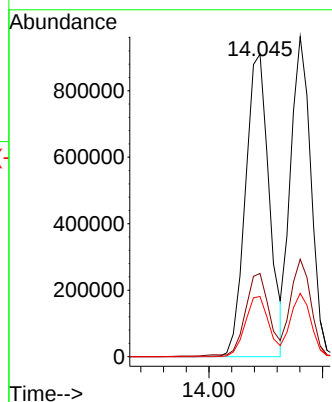
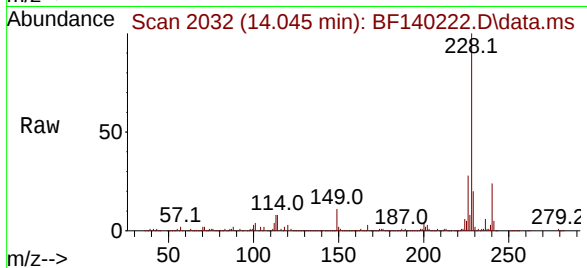
Tgt Ion:228 Resp: 1323931

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 40.877 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

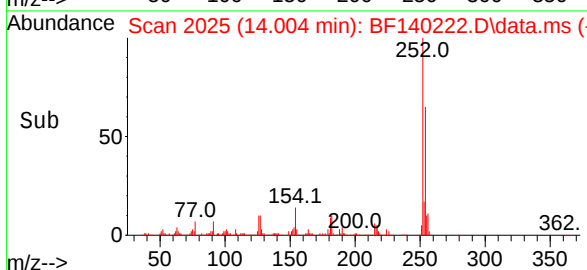
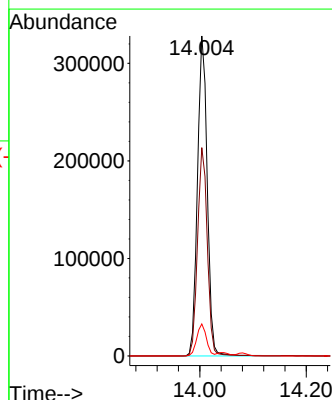
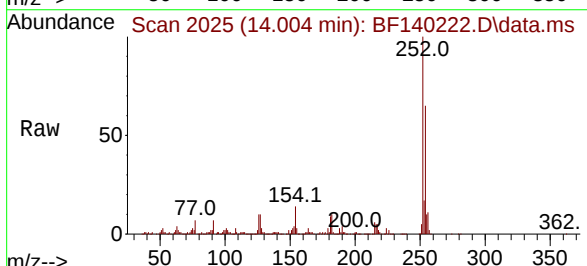
Tgt Ion:252 Resp: 419453

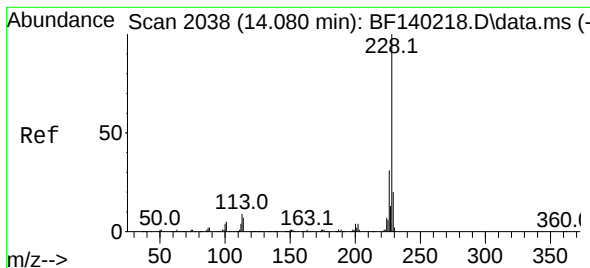
Ion Ratio Lower Upper

252 100

254 65.1 51.6 77.4

126 10.0 8.3 12.5





#83

Chrysene

Concen: 38.252 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

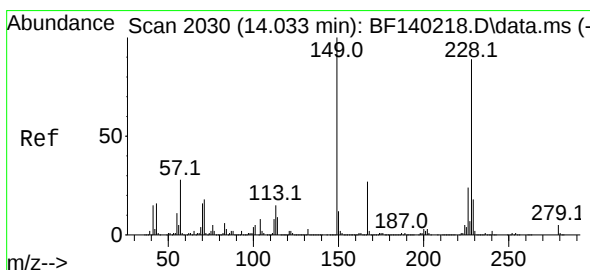
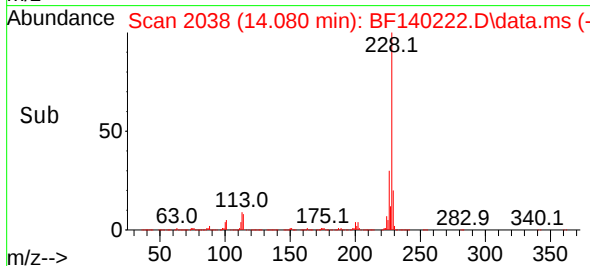
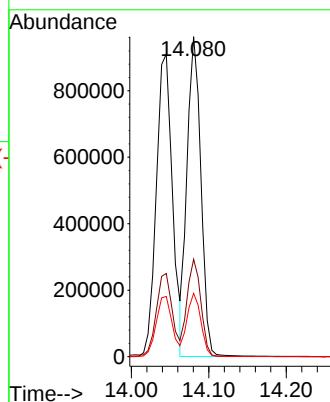
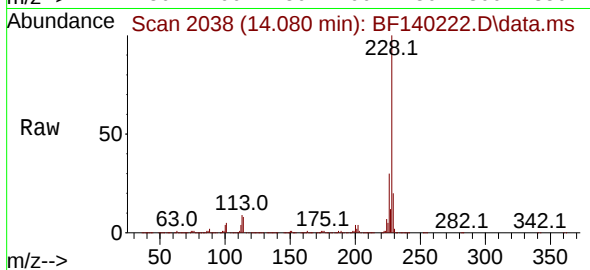
Tgt Ion:228 Resp: 1196732

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.176 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

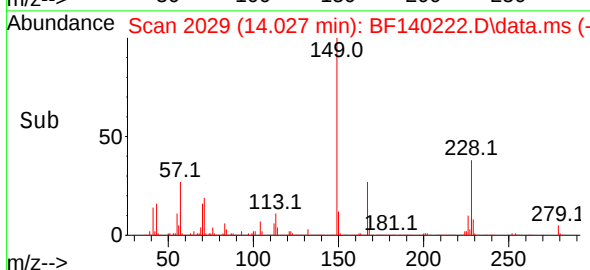
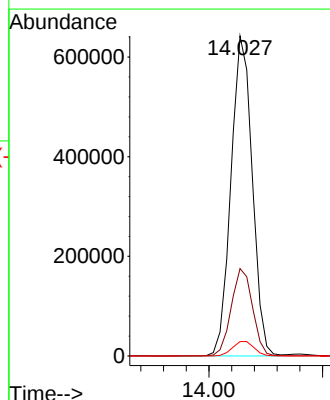
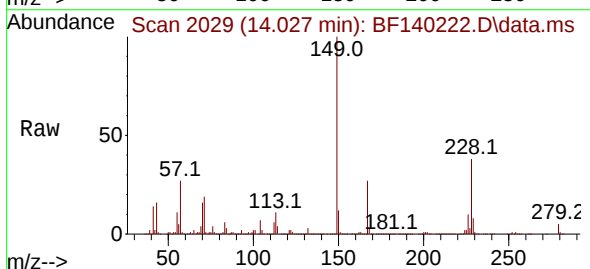
Tgt Ion:149 Resp: 834555

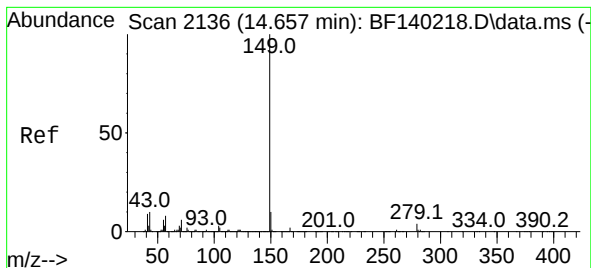
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 40.532 ng

RT: 14.657 min Scan# 2136

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

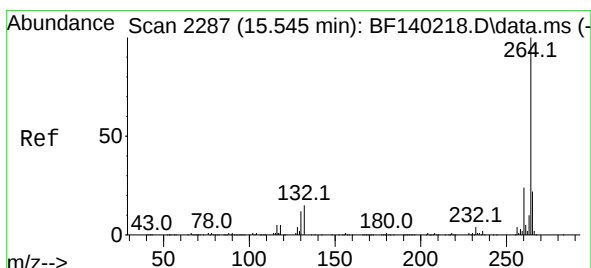
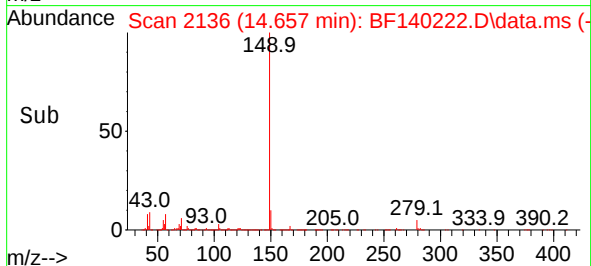
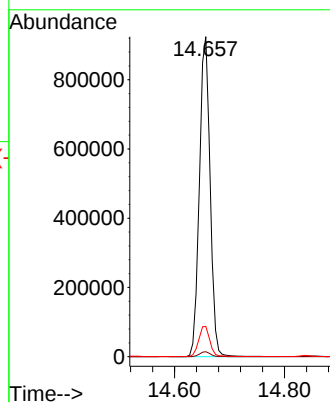
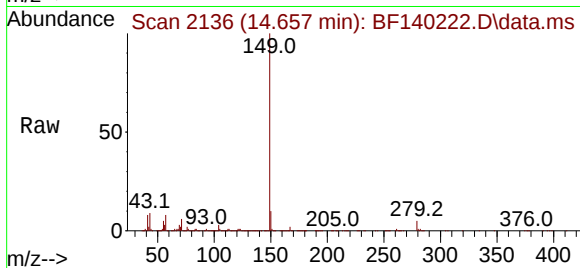
Tgt Ion:149 Resp: 1248530

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

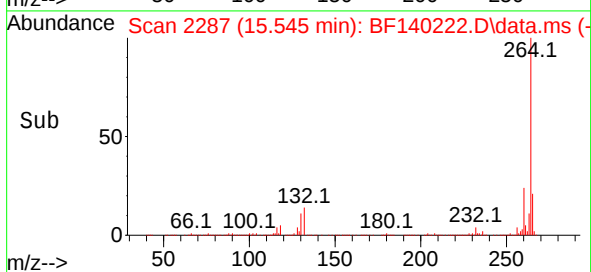
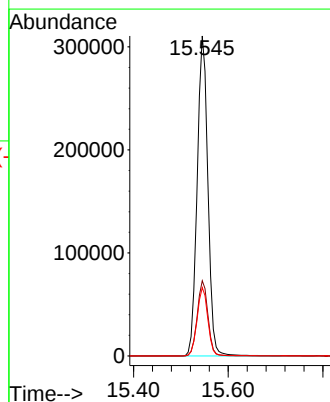
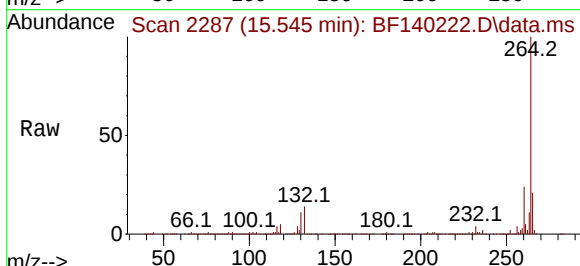
Tgt Ion:264 Resp: 488361

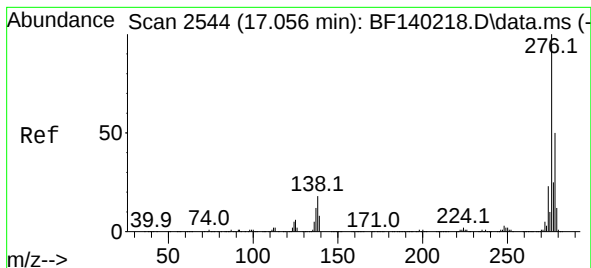
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.960 ng

RT: 17.057 min Scan# 2544

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

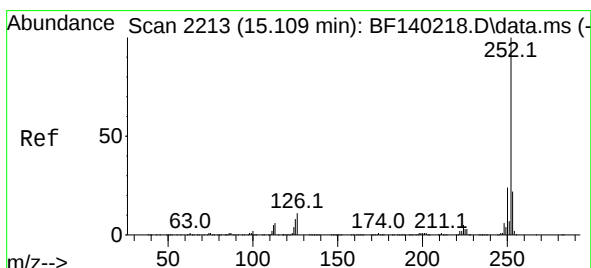
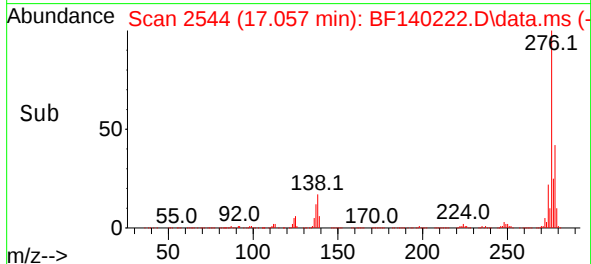
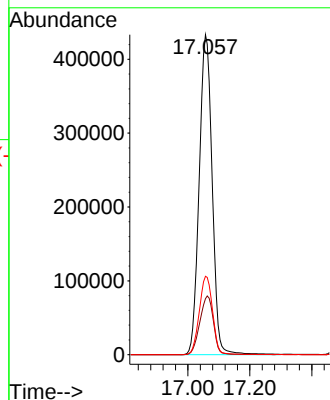
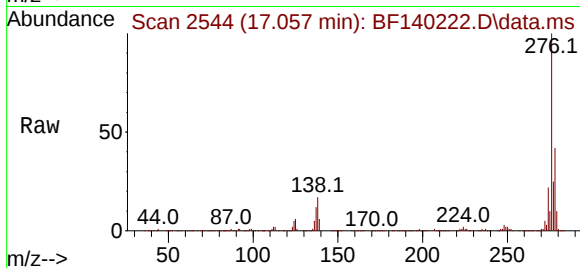
Tgt Ion:276 Resp: 1259063

Ion Ratio Lower Upper

276 100

138 19.2 15.7 23.5

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 36.201 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

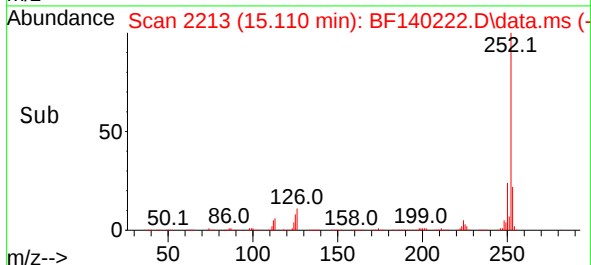
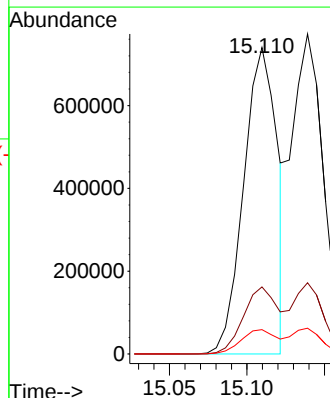
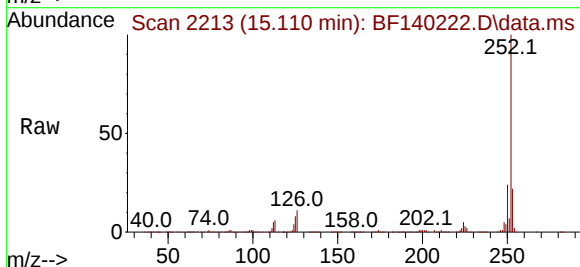
Tgt Ion:252 Resp: 1115122

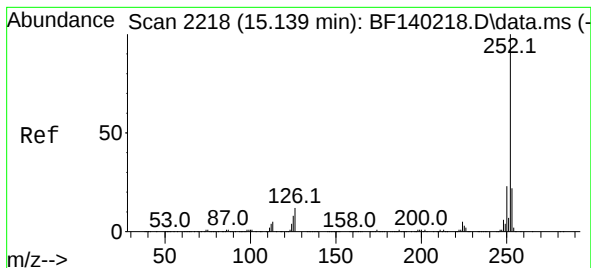
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 7.9 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 34.351 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF110424

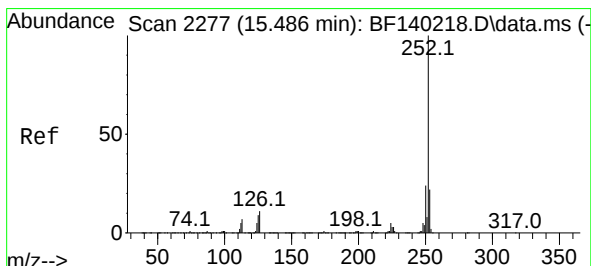
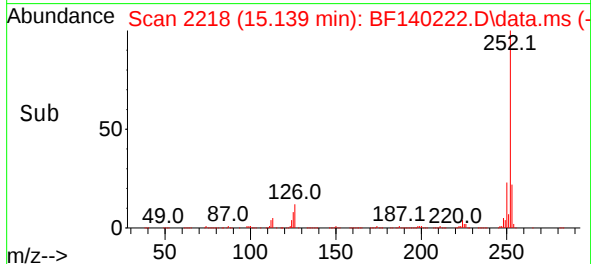
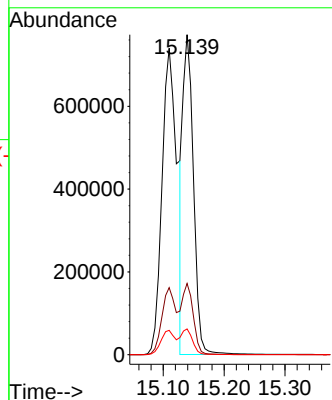
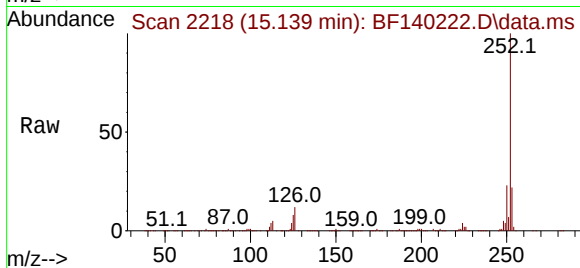
Tgt Ion:252 Resp: 942925

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.1 6.7 10.1



#90

Benzo(a)pyrene

Concen: 39.336 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.006 min

Lab File: BF140222.D

Acq: 04 Nov 2024 16:30

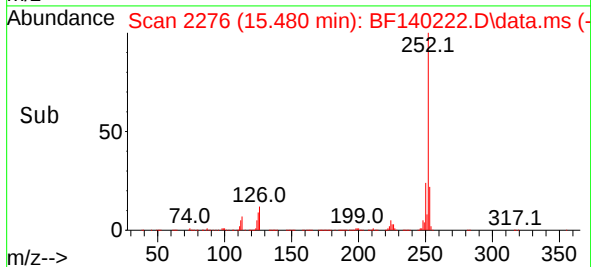
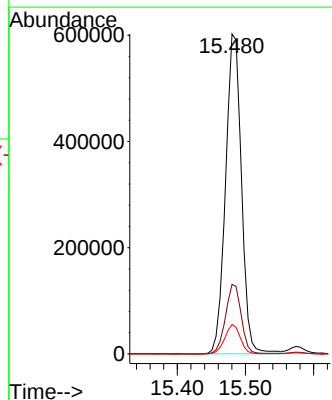
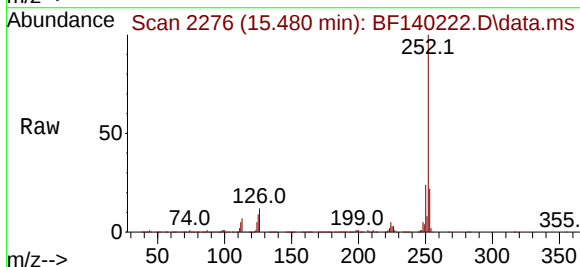
Tgt Ion:252 Resp: 976618

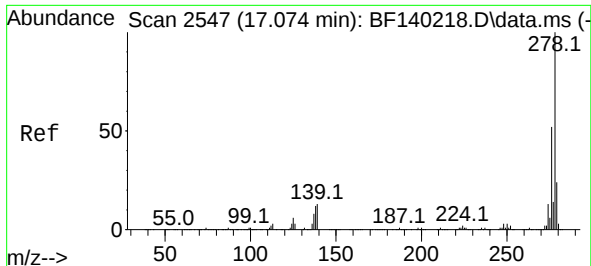
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 9.2 7.0 10.6

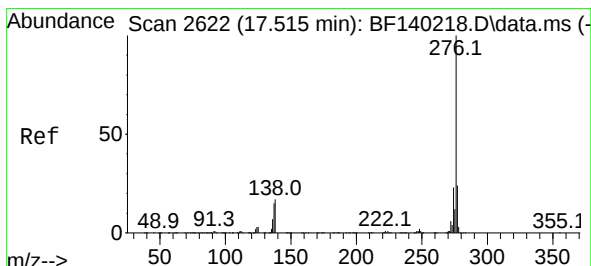
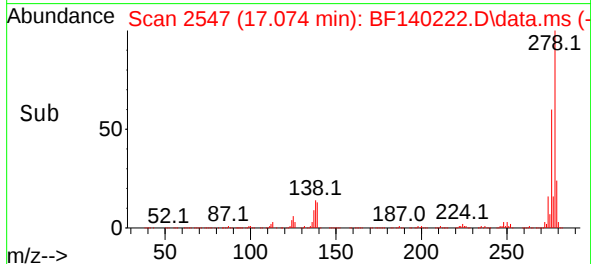
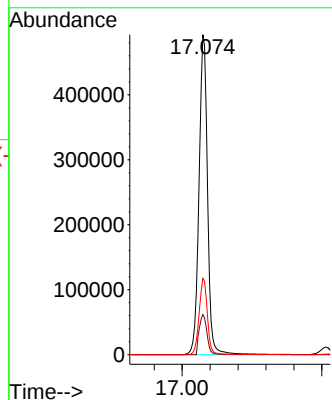
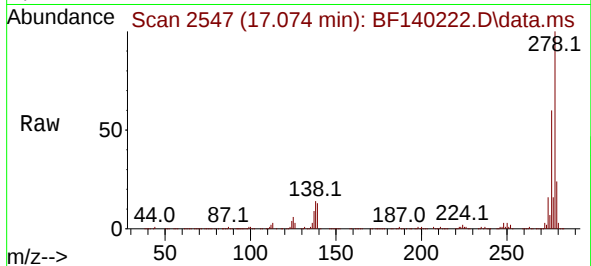




#91
Dibenzo(a,h)anthracene
Concen: 41.415 ng
RT: 17.074 min Scan# 2547
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Instrument :
BNA_F
ClientSampleId :
ICVBF110424

Tgt Ion:278 Resp: 1036787
Ion Ratio Lower Upper
278 100
139 12.6 10.2 15.2
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 41.120 ng
RT: 17.515 min Scan# 2622
Delta R.T. 0.000 min
Lab File: BF140222.D
Acq: 04 Nov 2024 16:30

Tgt Ion:276 Resp: 1051075
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 16.3 13.5 20.3

