

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140920.D
 Acq On : 19 Dec 2024 12:30
 Operator : RC/JU
 Sample : PB165719BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165719BS

Quant Time: Dec 19 13:03:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	74320	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	267213	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	145295	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	276523	20.000	ng	0.00
76) Chrysene-d12	14.039	240	202160	20.000	ng	0.00
86) Perylene-d12	15.539	264	153304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	648305	143.599	ng	0.01
7) Phenol-d6	6.504	99	845559	141.404	ng	0.00
23) Nitrobenzene-d5	7.416	82	509768	95.445	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	256222	149.103	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1051380	99.487	ng	0.00
79) Terphenyl-d14	12.963	244	1309363	102.132	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	73185	37.634	ng	99
3) Pyridine	3.493	79	203648	45.220	ng	99
4) n-Nitrosodimethylamine	3.434	42	107580	47.386	ng	95
6) Aniline	6.516	93	218406	42.718	ng	# 81
8) 2-Chlorophenol	6.645	128	264245	53.673	ng	100
9) Benzaldehyde	6.410	77	54571	16.470	ng	99
10) Phenol	6.516	94	310233	50.057	ng	99
11) bis(2-Chloroethyl)ether	6.586	93	242067	52.374	ng	99
12) 1,3-Dichlorobenzene	6.786	146	274743	48.974	ng	97
13) 1,4-Dichlorobenzene	6.863	146	280340	49.230	ng	99
14) 1,2-Dichlorobenzene	7.016	146	267740	49.832	ng	98
15) Benzyl Alcohol	7.004	79	231816	54.219	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	260221	47.793	ng	90
17) 2-Methylphenol	7.122	107	179621	45.698	ng	99
18) Hexachloroethane	7.351	117	92007	43.401	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	166424	46.397	ng	98
20) 3+4-Methylphenols	7.275	107	245179	47.040	ng	# 80
22) Acetophenone	7.263	105	325833	48.745	ng	96
24) Nitrobenzene	7.433	77	251790	46.018	ng	98
25) Isophorone	7.675	82	463942	51.843	ng	100
26) 2-Nitrophenol	7.751	139	131542	52.198	ng	97
27) 2,4-Dimethylphenol	7.792	122	183392	62.314	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	284667	50.930	ng	98
29) 2,4-Dichlorophenol	8.004	162	209399	51.536	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	217332	46.660	ng	99
31) Naphthalene	8.151	128	722311	49.209	ng	100
32) Benzoic acid	7.945	122	108900	39.016	ng	99
33) 4-Chloroaniline	8.210	127	172922	35.471	ng	98
34) Hexachlorobutadiene	8.263	225	147527	47.076	ng	99
35) Caprolactam	8.592	113	64427m	53.262	ng	
36) 4-Chloro-3-methylphenol	8.704	107	226144	49.451	ng	98
37) 2-Methylnaphthalene	8.845	142	467664	48.165	ng	100
38) 1-Methylnaphthalene	8.939	142	435954	45.399	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	232102	51.973	ng	99
41) Hexachlorocyclopentadiene	8.992	237	80002	60.237	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	137903	50.430	ng	99

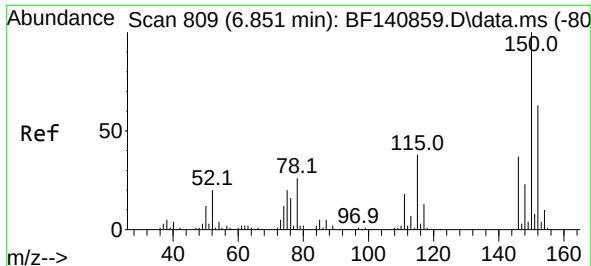
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
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 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	145754	48.494	ng	98
46) 1,1'-Biphenyl	9.304	154	592260	51.262	ng	100
47) 2-Chloronaphthalene	9.333	162	443486	50.175	ng	99
48) 2-Nitroaniline	9.439	65	138326	51.819	ng	94
49) Acenaphthylene	9.751	152	712379	54.845	ng	100
50) Dimethylphthalate	9.610	163	534630	52.191	ng	100
51) 2,6-Dinitrotoluene	9.680	165	117709	50.265	ng	96
52) Acenaphthene	9.922	154	423950	51.096	ng	99
53) 3-Nitroaniline	9.857	138	77915	33.527	ng	99
54) 2,4-Dinitrophenol	9.974	184	100437	87.255	ng	98
55) Dibenzofuran	10.092	168	646628	50.294	ng	100
56) 4-Nitrophenol	10.045	139	105588	84.218	ng	98
57) 2,4-Dinitrotoluene	10.092	165	152314	49.434	ng	99
58) Fluorene	10.439	166	535651	50.500	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	126820	51.782	ng	96
60) Diethylphthalate	10.310	149	541421	50.970	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	268448	50.384	ng	98
62) 4-Nitroaniline	10.474	138	119896m	49.370	ng	
63) Azobenzene	10.586	77	500037	50.073	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	82289	52.516	ng	98
66) n-Nitrosodiphenylamine	10.551	169	469665	55.243	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	163446	52.835	ng	97
68) Hexachlorobenzene	10.992	284	187878	53.566	ng	97
69) Atrazine	11.074	200	156884	66.071	ng	98
70) Pentachlorophenol	11.198	266	121901	95.062	ng	100
71) Phenanthrene	11.404	178	775119	54.509	ng	100
72) Anthracene	11.457	178	781166	55.782	ng	99
73) Carbazole	11.616	167	723083	52.716	ng	100
74) Di-n-butylphthalate	11.927	149	888683	55.205	ng	100
75) Fluoranthene	12.598	202	878064	53.617	ng	100
77) Benzidine	12.715	184	193115	46.804	ng	99
78) Pyrene	12.827	202	884761	49.216	ng	100
80) Butylbenzylphthalate	13.433	149	362433	54.792	ng	97
81) Benzo(a)anthracene	14.027	228	723148	50.472	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	136085	31.481	ng	97
83) Chrysene	14.062	228	639647	49.095	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	460166	53.952	ng	100
85) Di-n-octyl phthalate	14.627	149	609980	47.271	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	544345	56.900	ng	100
88) Benzo(b)fluoranthene	15.109	252	522468	49.097	ng	99
89) Benzo(k)fluoranthene	15.139	252	464512	50.887	ng	100
90) Benzo(a)pyrene	15.480	252	457218	54.870	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	446441	56.329	ng	99
92) Benzo(g,h,i)perylene	17.515	276	420924	52.182	ng	99

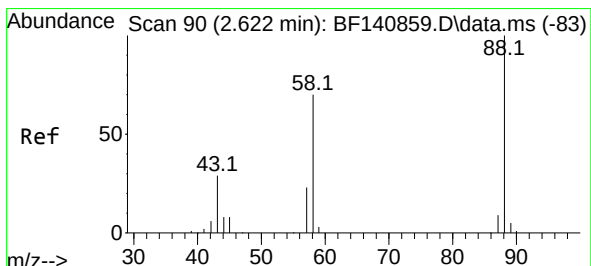
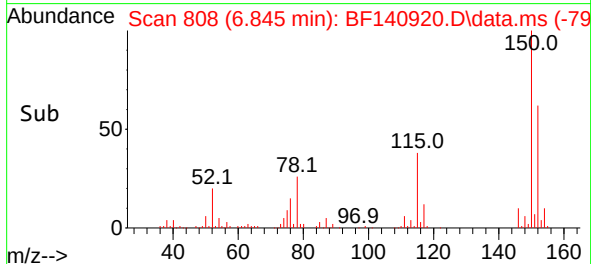
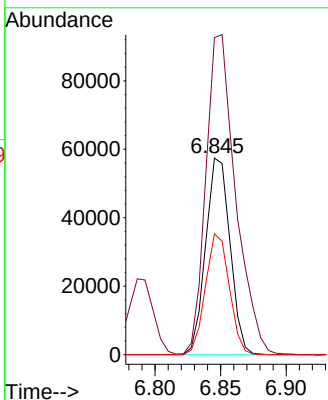
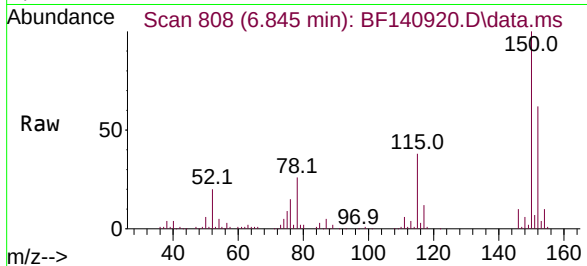
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF140920.D
 Acq: 19 Dec 2024 12:30

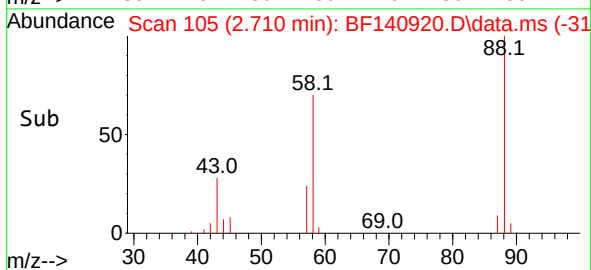
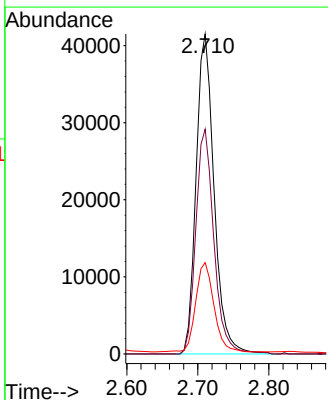
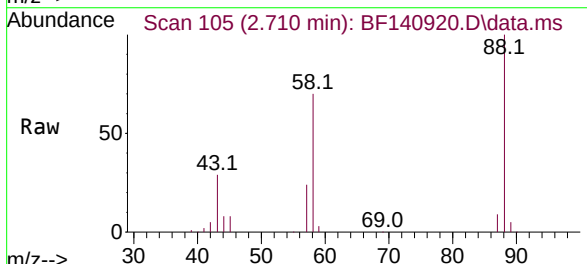
Instrument :
 BNA_F
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 PB165719BS

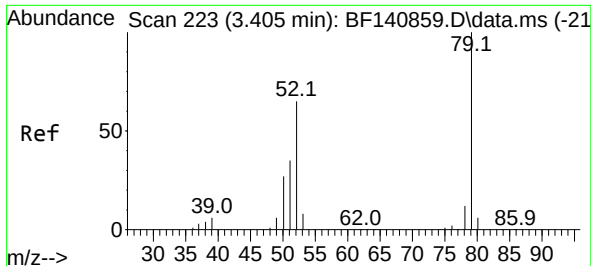
Tgt Ion:152 Resp: 74320
 Ion Ratio Lower Upper
 152 100
 150 161.3 127.9 191.9
 115 61.5 48.0 72.0



#2
 1,4-Dioxane
 Concen: 37.634 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.088 min
 Lab File: BF140920.D
 Acq: 19 Dec 2024 12:30

Tgt Ion: 88 Resp: 73185
 Ion Ratio Lower Upper
 88 100
 58 70.8 55.8 83.8
 43 28.0 22.7 34.1

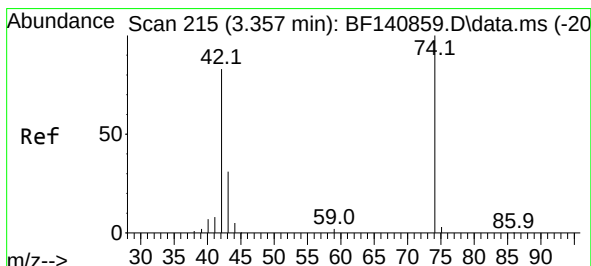
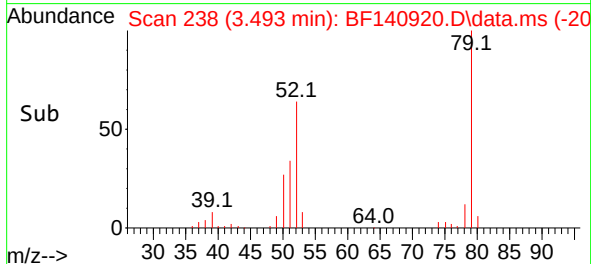
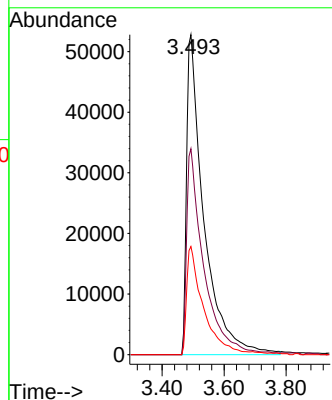
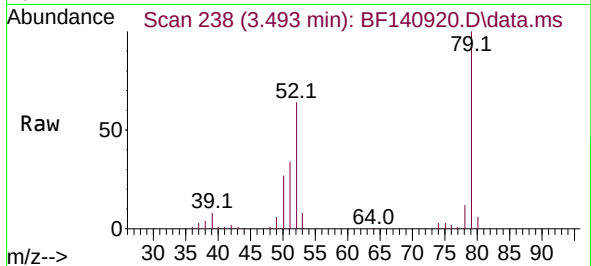




#3
Pyridine
Concen: 45.220 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

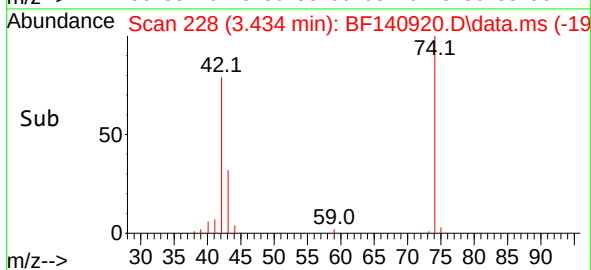
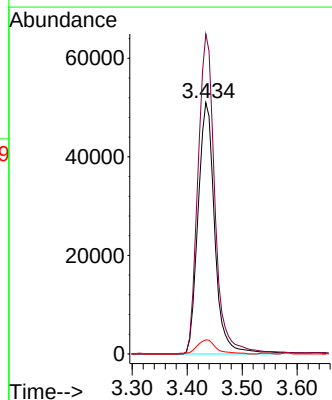
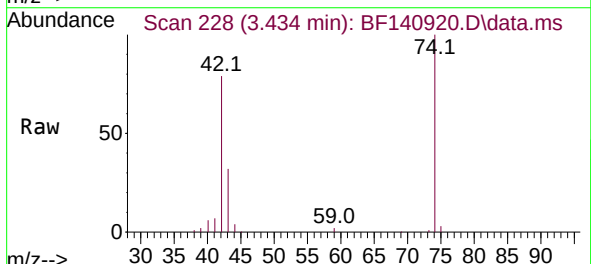
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BNA_F
ClientSampleId :
PB165719BS

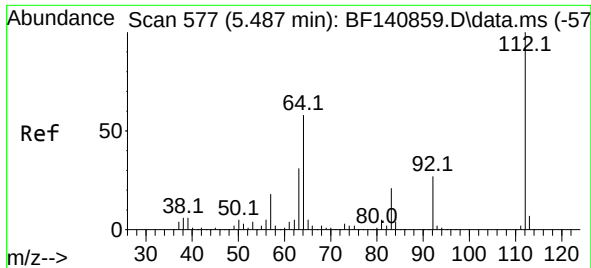
Tgt Ion: 79 Resp: 203648
Ion Ratio Lower Upper
79 100
52 64.3 51.7 77.5
51 33.8 28.2 42.4



#4
n-Nitrosodimethylamine
Concen: 47.386 ng
RT: 3.434 min Scan# 228
Delta R.T. 0.076 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion: 42 Resp: 107580
Ion Ratio Lower Upper
42 100
74 127.3 96.9 145.3
44 5.6 4.4 6.6

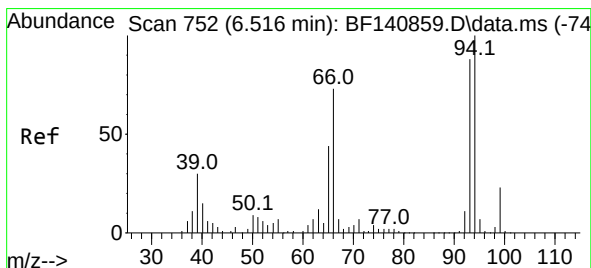
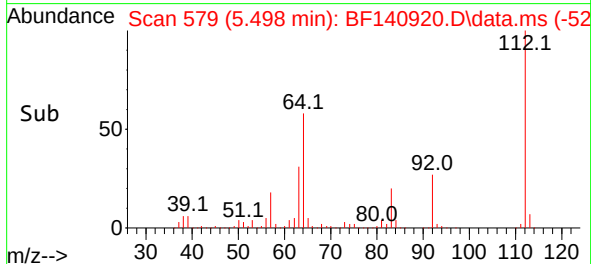
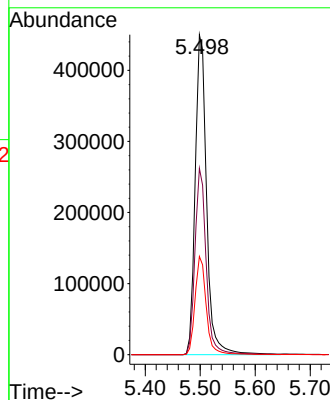
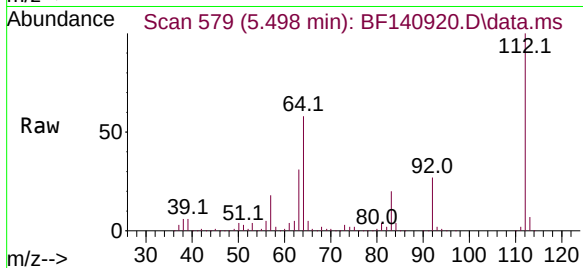




#5
2-Fluorophenol
Concen: 143.599 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

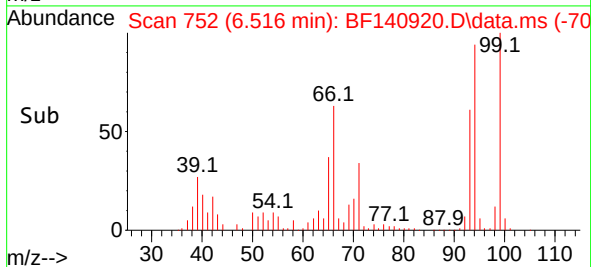
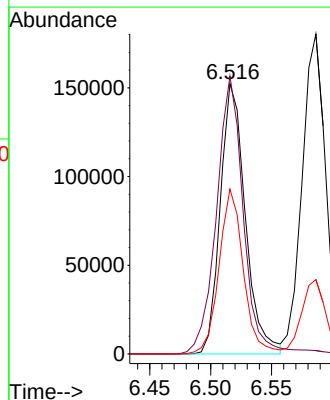
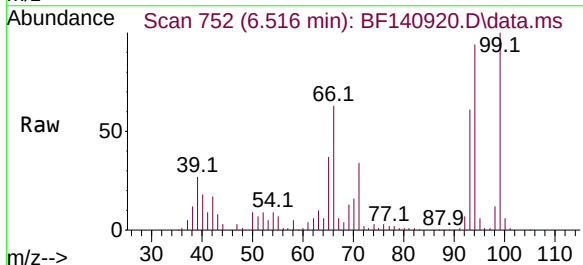
Instrument :
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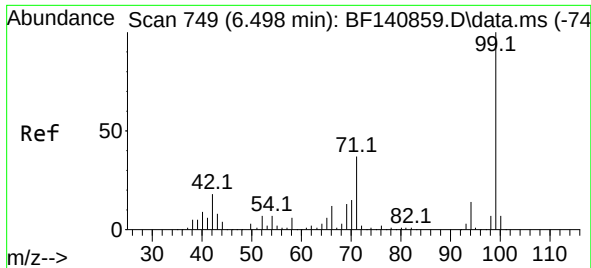
Tgt Ion:112 Resp: 648305
Ion Ratio Lower Upper
112 100
64 58.3 46.1 69.1
63 30.7 24.9 37.3



#6
Aniline
Concen: 42.718 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion: 93 Resp: 218406
Ion Ratio Lower Upper
93 100
66 102.9 67.0 100.4#
65 61.0 40.4 60.6#

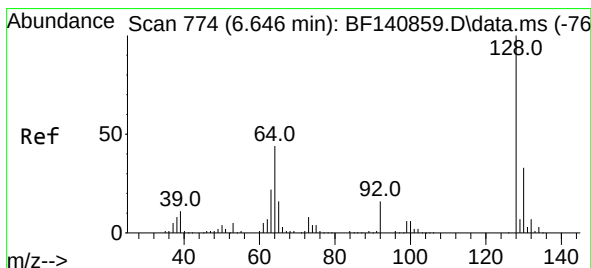
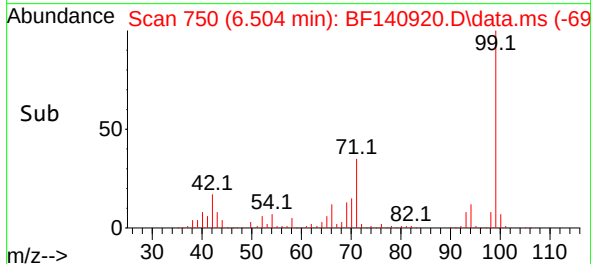
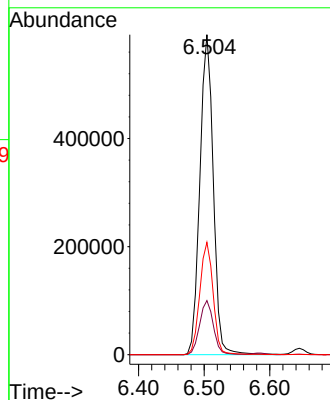
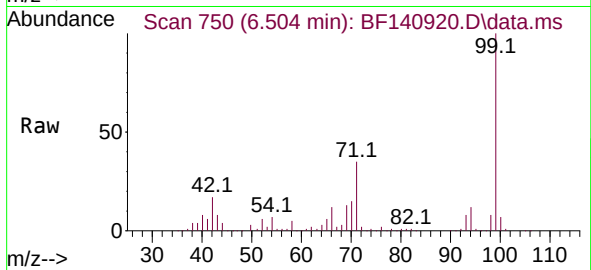




#7
Phenol-d6
Concen: 141.404 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

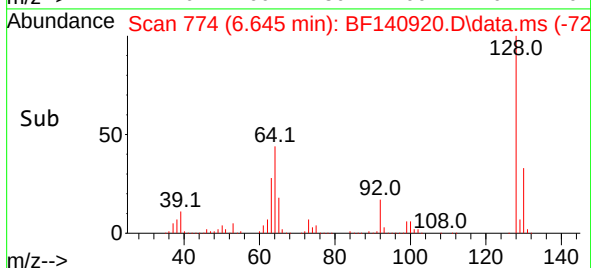
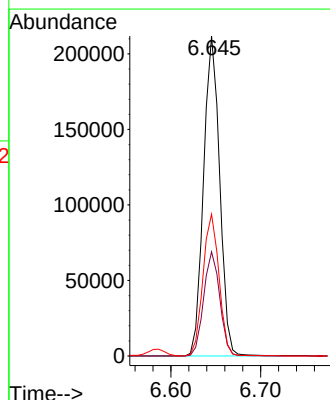
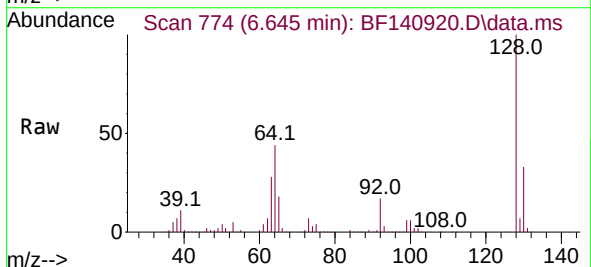
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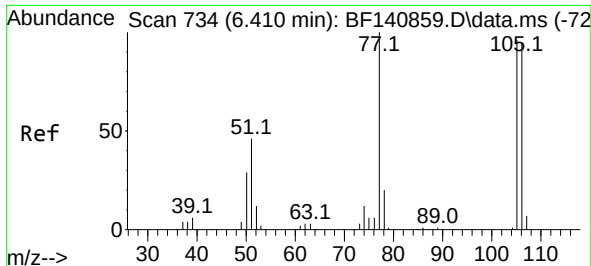
Tgt Ion: 99 Resp: 845559
Ion Ratio Lower Upper
99 100
42 16.9 14.3 21.5
71 35.1 29.9 44.9



#8
2-Chlorophenol
Concen: 53.673 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:128 Resp: 264245
Ion Ratio Lower Upper
128 100
130 32.5 12.9 52.9
64 44.3 24.3 64.3





#9

Benzaldehyde

Concen: 16.470 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

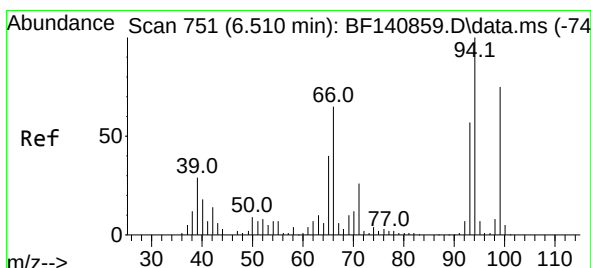
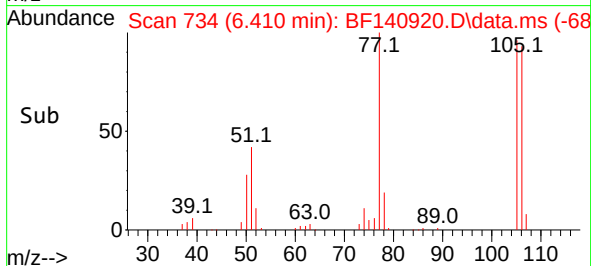
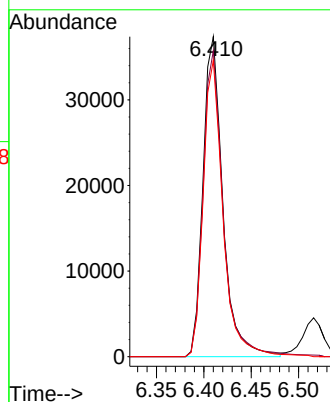
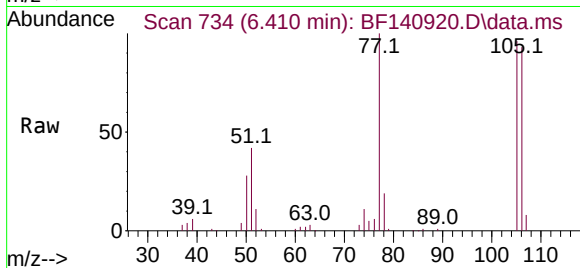
Tgt Ion: 77 Resp: 54571

Ion Ratio Lower Upper

77 100

105 95.6 75.8 115.8

106 92.6 74.1 114.1



#10

Phenol

Concen: 50.057 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

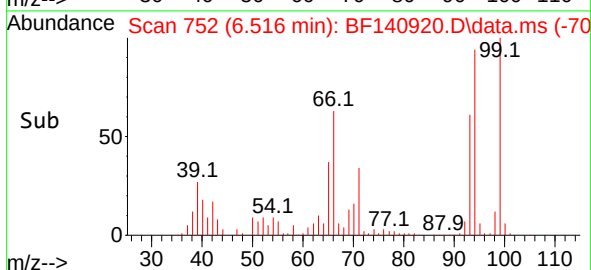
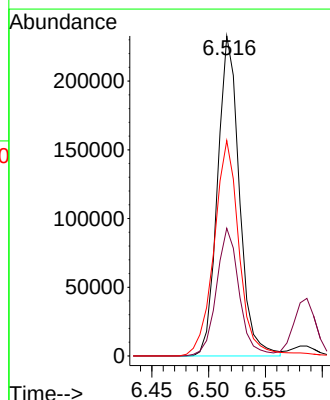
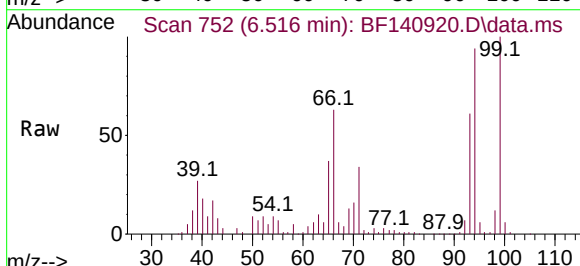
Tgt Ion: 94 Resp: 310233

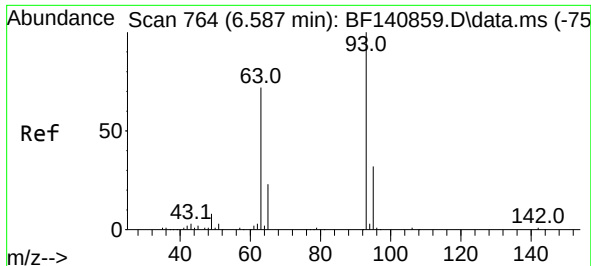
Ion Ratio Lower Upper

94 100

65 39.9 19.9 59.9

66 67.3 45.6 85.6

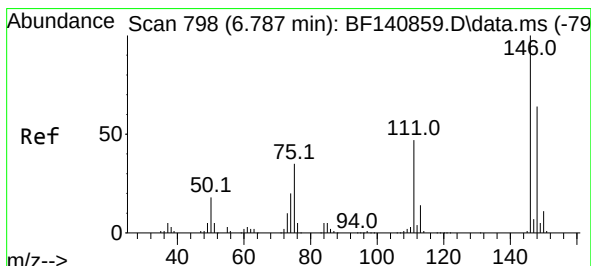
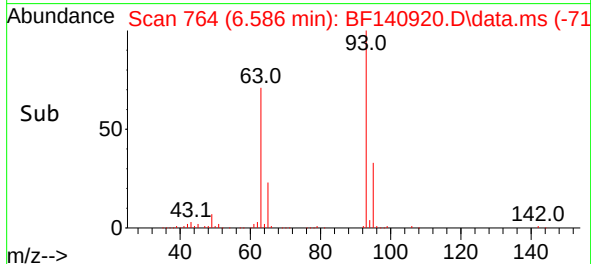
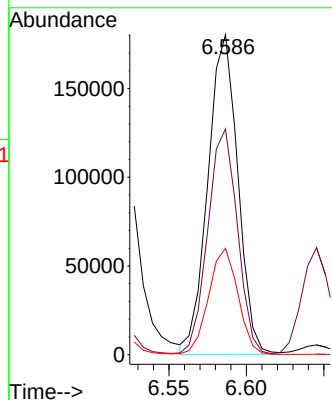
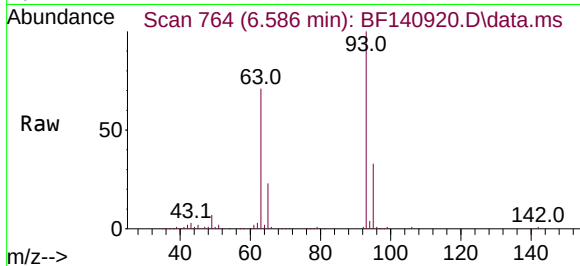




#11
bis(2-Chloroethyl)ether
Concen: 52.374 ng
RT: 6.586 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

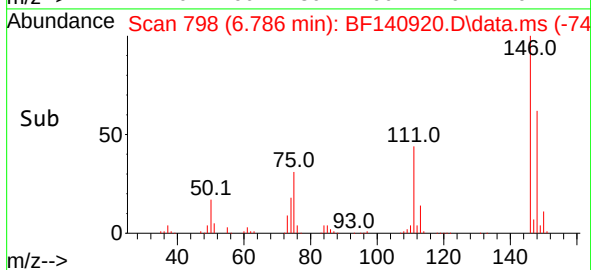
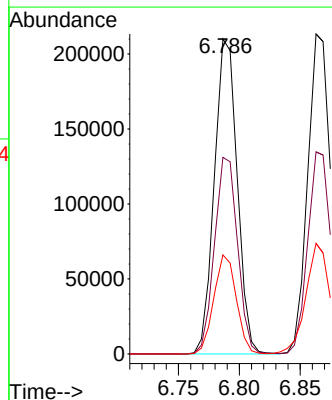
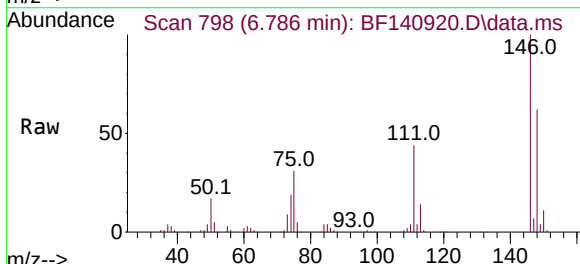
Instrument :
BNA_F
ClientSampleId :
PB165719BS

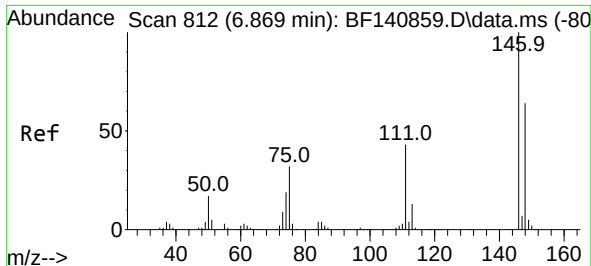
Tgt Ion: 93 Resp: 242067
Ion Ratio Lower Upper
93 100
63 70.6 51.0 91.0
95 33.2 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 48.974 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion: 146 Resp: 274743
Ion Ratio Lower Upper
146 100
148 62.4 51.0 76.6
75 31.4 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 49.230 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

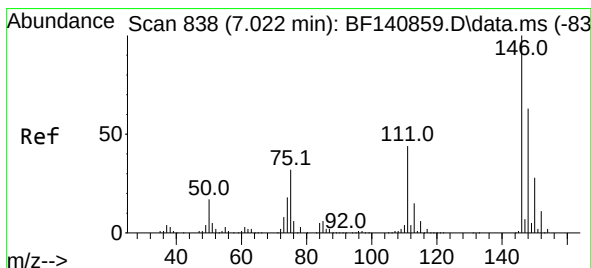
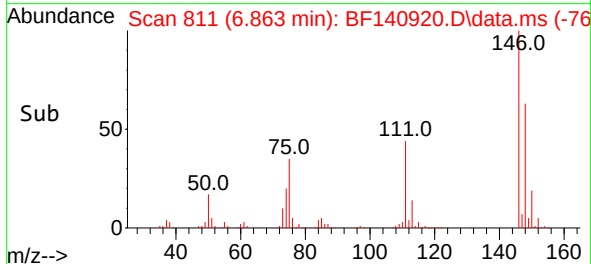
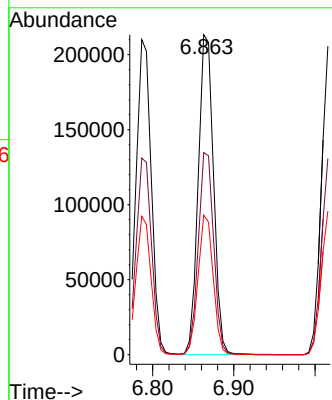
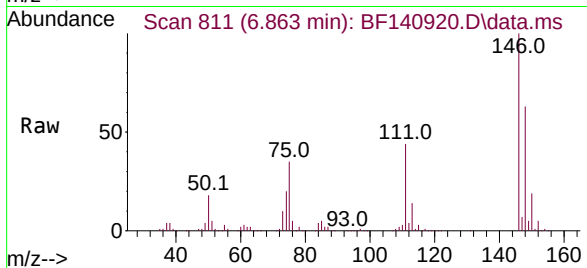
Tgt Ion:146 Resp: 280340

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

111 43.6 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 49.832 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

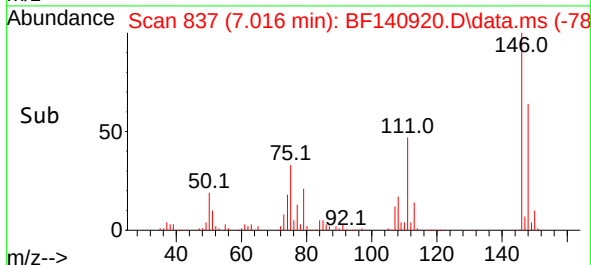
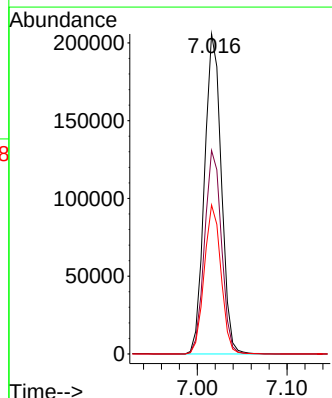
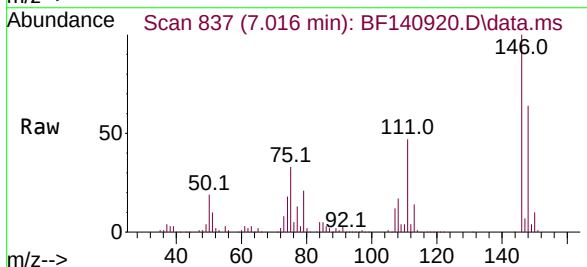
Tgt Ion:146 Resp: 267740

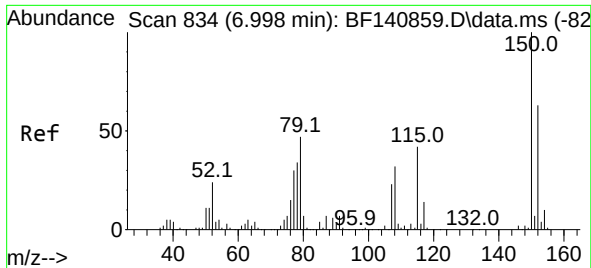
Ion Ratio Lower Upper

146 100

148 63.6 50.0 75.0

111 46.6 35.6 53.4

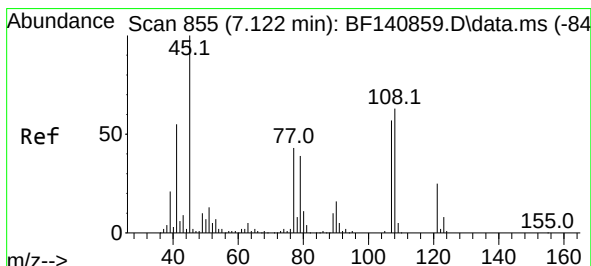
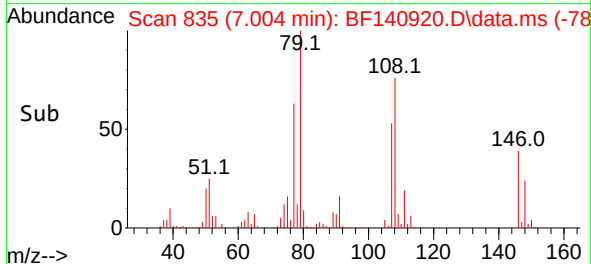
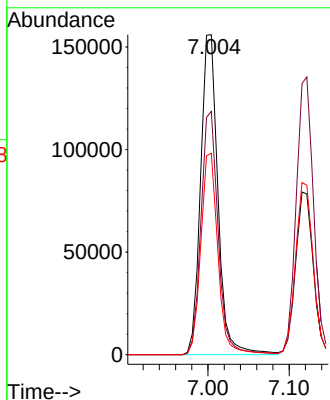
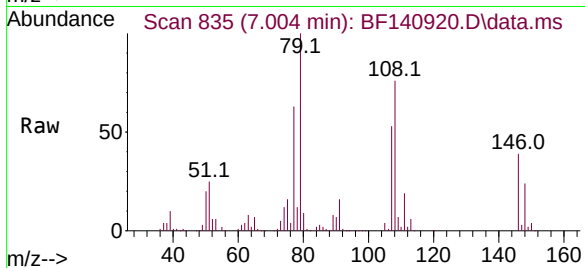




#15
Benzyl Alcohol
Concen: 54.219 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

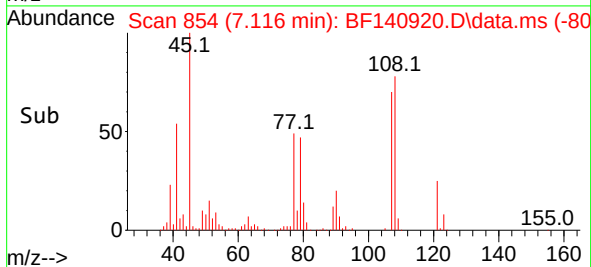
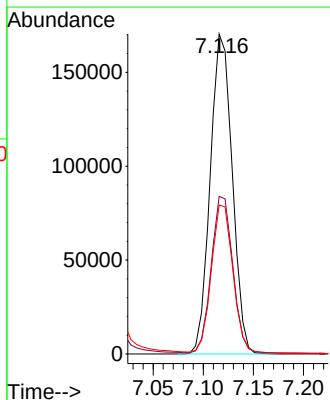
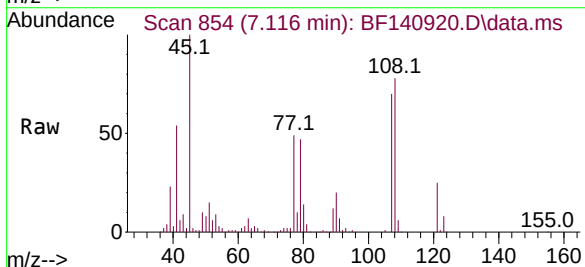
Instrument :
BNA_F
ClientSampleId :
PB165719BS

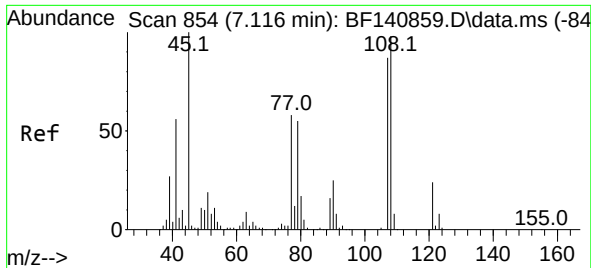
Tgt Ion: 79 Resp: 231816
Ion Ratio Lower Upper
79 100
108 76.1 55.1 82.7
77 62.9 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.793 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion: 45 Resp: 260221
Ion Ratio Lower Upper
45 100
77 49.2 23.3 63.3
79 46.6 20.0 60.0

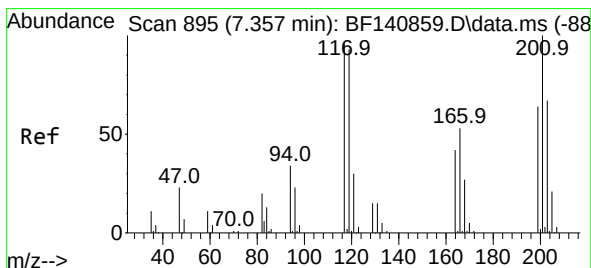
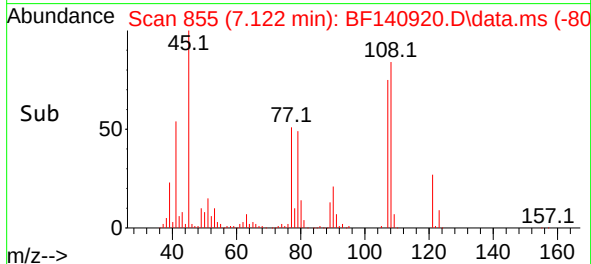
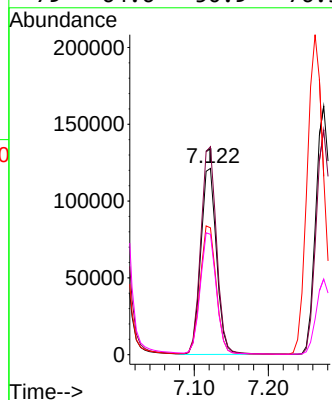
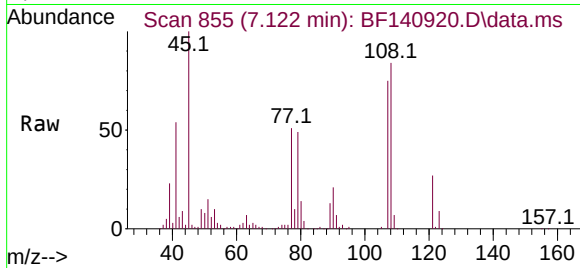




#17
2-Methylphenol
Concen: 45.698 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

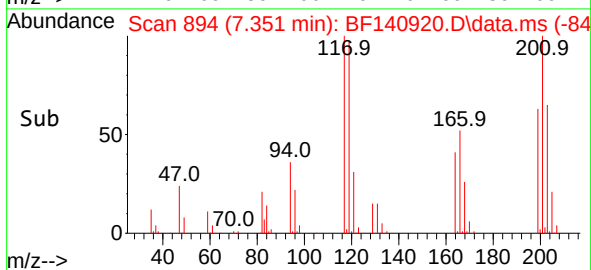
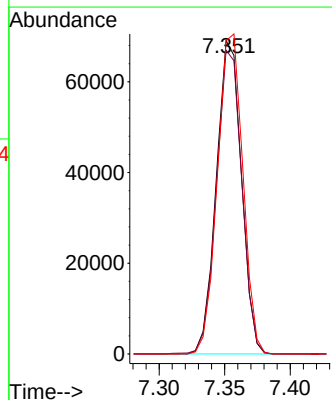
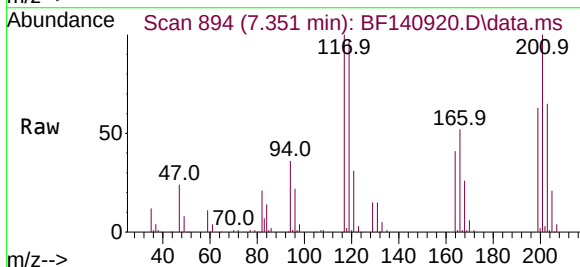
Instrument :
BNA_F
ClientSampleId :
PB165719BS

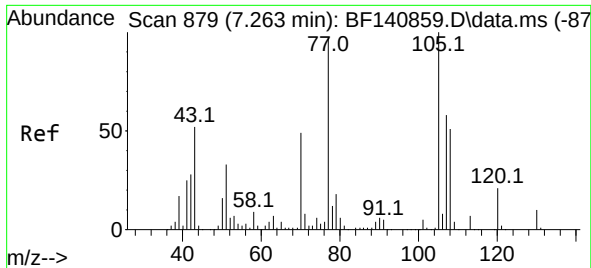
Tgt Ion:	107	Resp:	179621
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.2	135.4
77	68.1	53.8	80.6
79	64.6	50.9	76.3



#18
Hexachloroethane
Concen: 43.401 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:	117	Resp:	92007
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.0
201	99.9	83.4	125.0

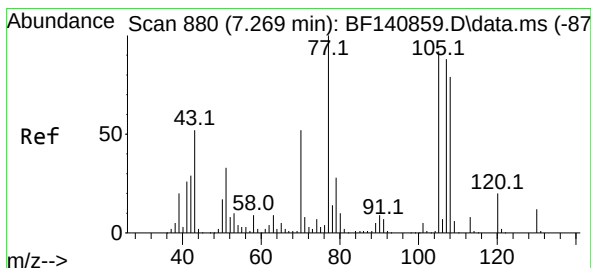
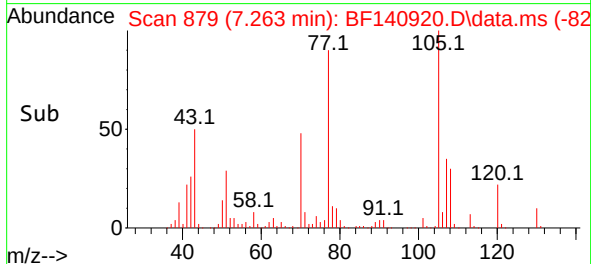
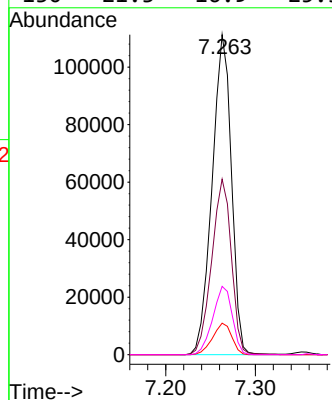
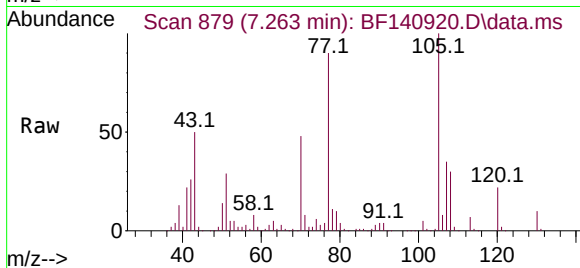




#19
n-Nitroso-di-n-propylamine
Concen: 46.397 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

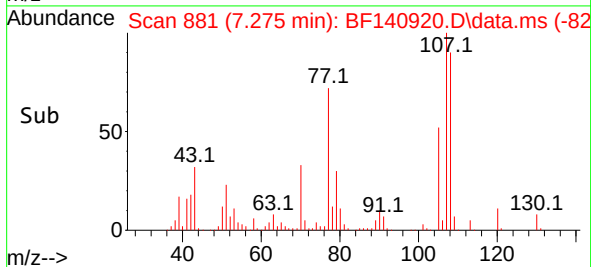
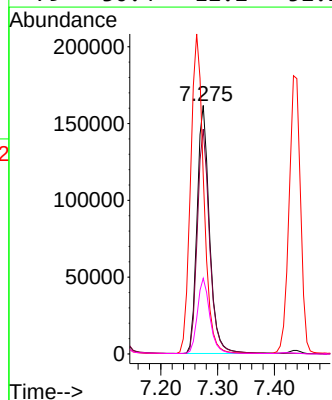
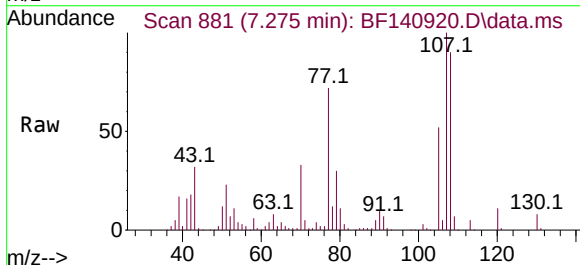
Instrument :
BNA_F
ClientSampleId :
PB165719BS

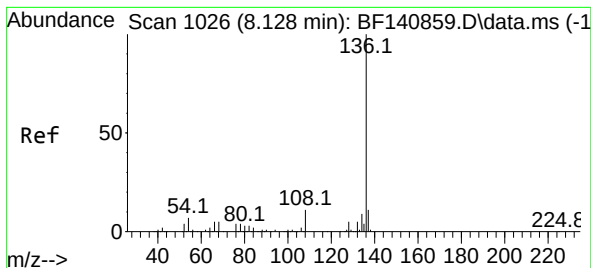
Tgt Ion: 70 Resp: 166424
Ion Ratio Lower Upper
70 100
42 54.9 45.3 67.9
101 9.8 8.0 12.0
130 21.3 16.9 25.3



#20
3+4-Methylphenols
Concen: 47.040 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion: 107 Resp: 245179
Ion Ratio Lower Upper
107 100
108 90.5 70.1 110.1
77 71.8 94.4 134.4#
79 30.4 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

Tgt Ion:136 Resp: 267213

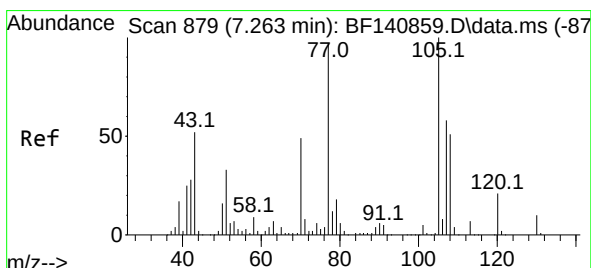
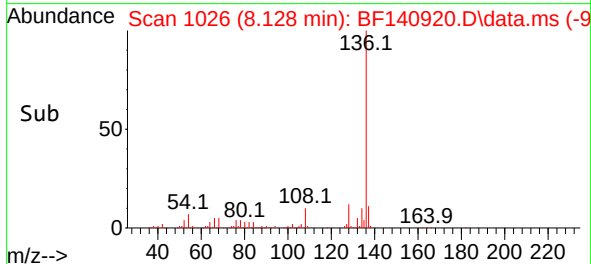
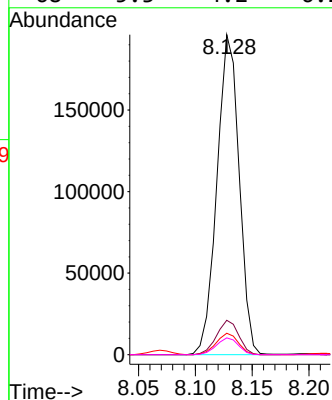
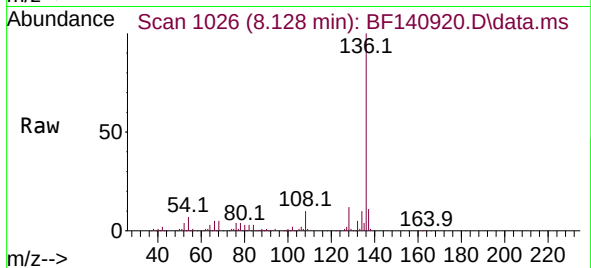
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.7 5.6 8.4

68 5.3 4.2 6.2



#22

Acetophenone

Concen: 48.745 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Tgt Ion:105 Resp: 325833

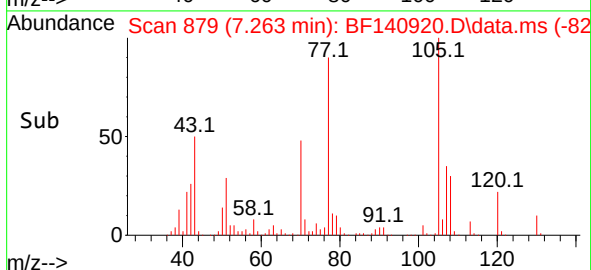
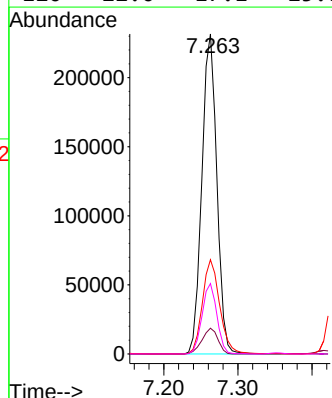
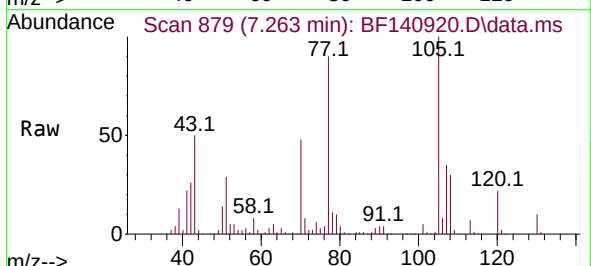
Ion Ratio Lower Upper

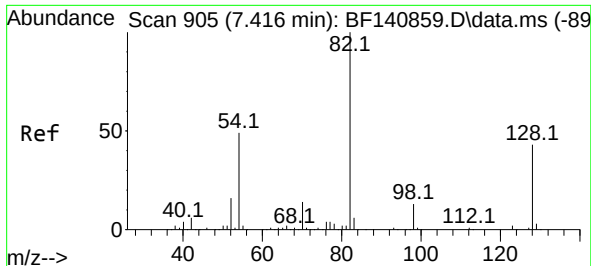
105 100

71 8.1 6.2 9.4

51 29.5 26.3 39.5

120 22.0 17.1 25.7





#23

Nitrobenzene-d5

Concen: 95.445 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

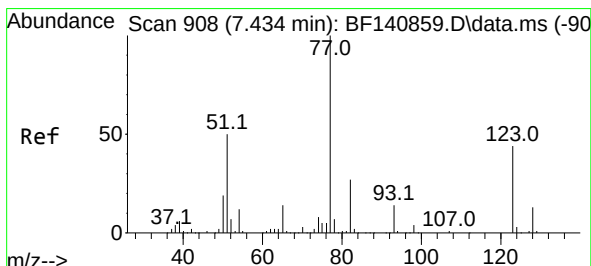
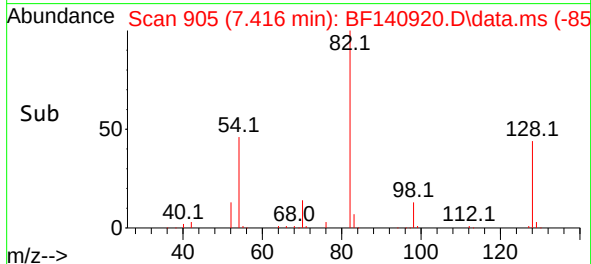
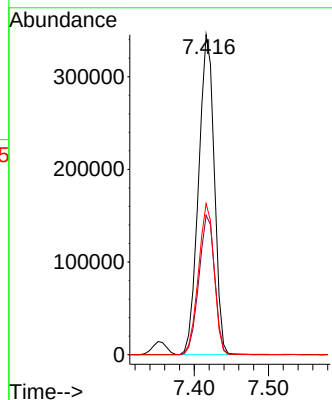
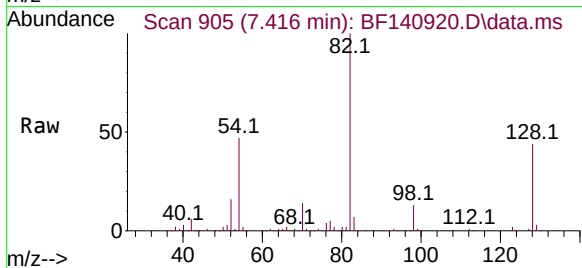
Tgt Ion: 82 Resp: 509768

Ion Ratio Lower Upper

82 100

128 43.6 34.4 51.6

54 47.2 38.8 58.2



#24

Nitrobenzene

Concen: 46.018 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

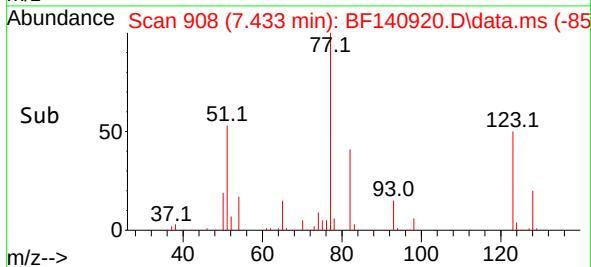
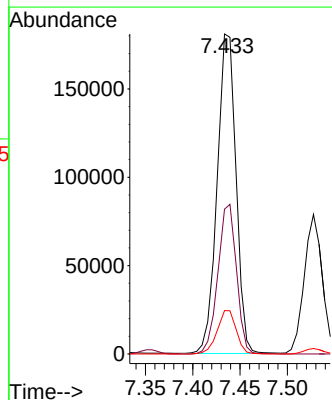
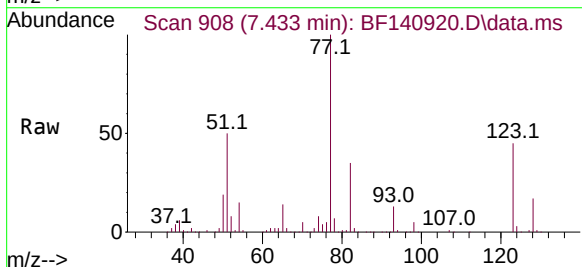
Tgt Ion: 77 Resp: 251790

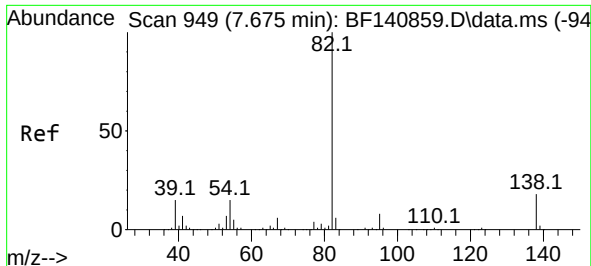
Ion Ratio Lower Upper

77 100

123 45.3 35.0 52.4

65 13.5 11.4 17.0

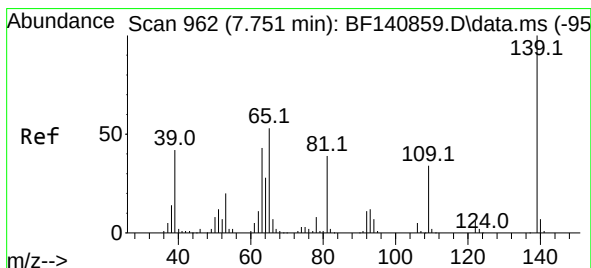
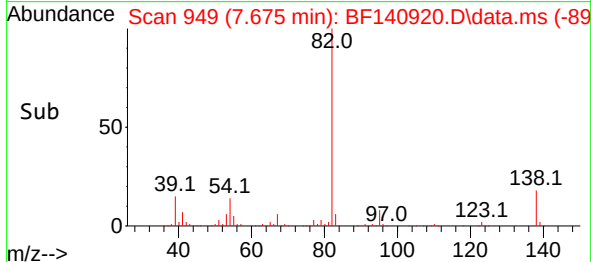
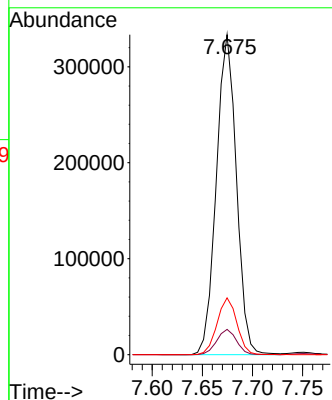
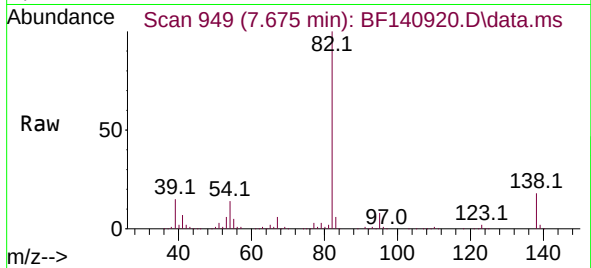




#25
Isophorone
Concen: 51.843 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

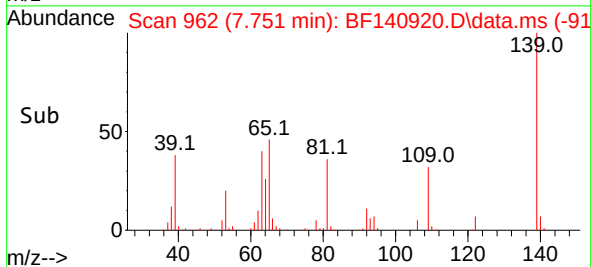
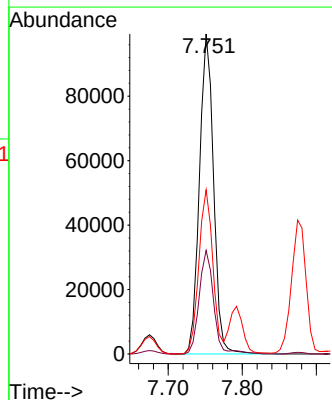
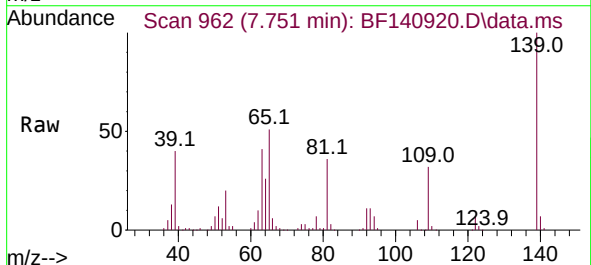
Instrument :
BNA_F
ClientSampleId :
PB165719BS

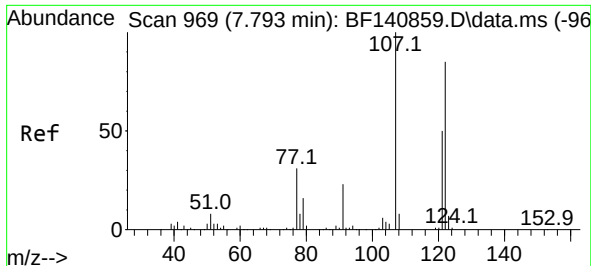
Tgt Ion: 82 Resp: 463942
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 17.8 14.1 21.1



#26
2-Nitrophenol
Concen: 52.198 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:139 Resp: 131542
Ion Ratio Lower Upper
139 100
109 32.4 26.9 40.3
65 51.3 42.6 64.0

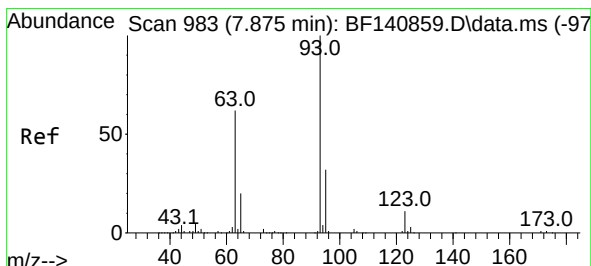
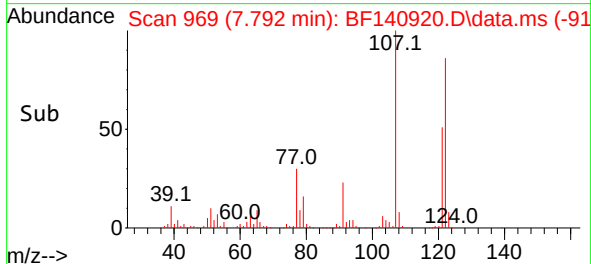
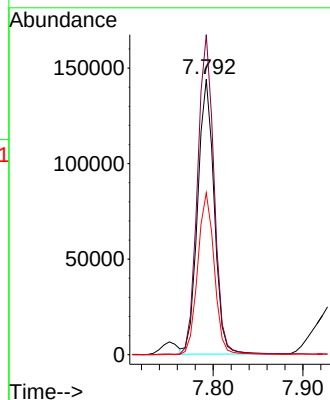
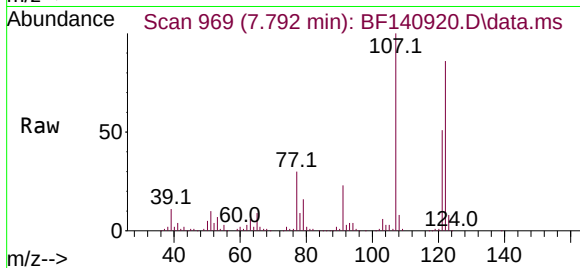




#27
2,4-Dimethylphenol
Concen: 62.314 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

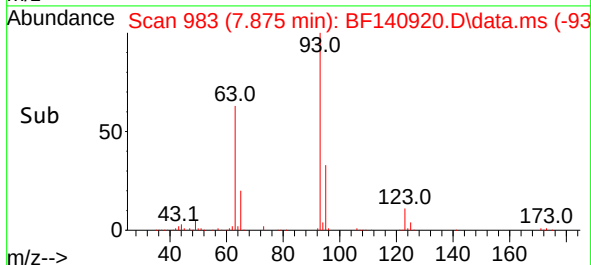
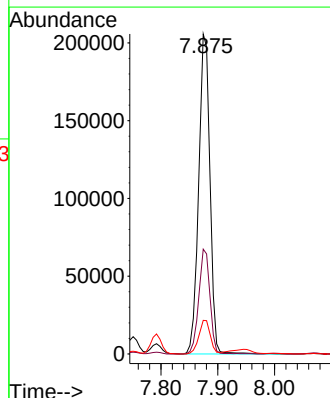
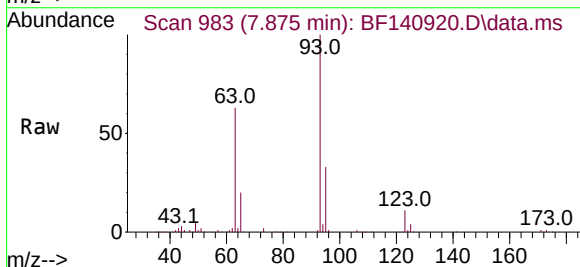
Instrument :
BNA_F
ClientSampleId :
PB165719BS

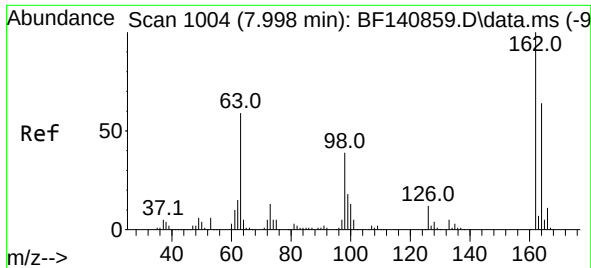
Tgt Ion:122 Resp: 183392
Ion Ratio Lower Upper
122 100
107 116.2 92.6 139.0
121 58.8 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 50.930 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion: 93 Resp: 284667
Ion Ratio Lower Upper
93 100
95 32.7 25.3 37.9
123 10.5 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 51.536 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

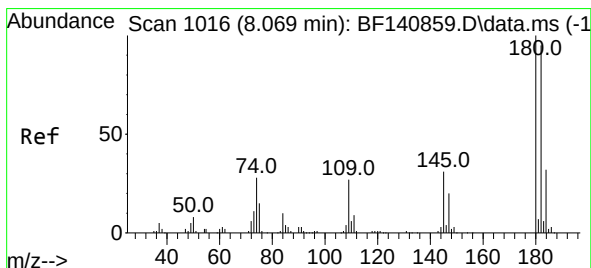
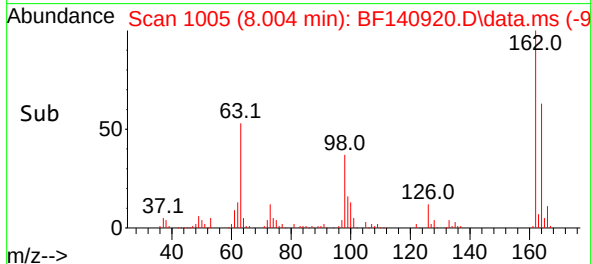
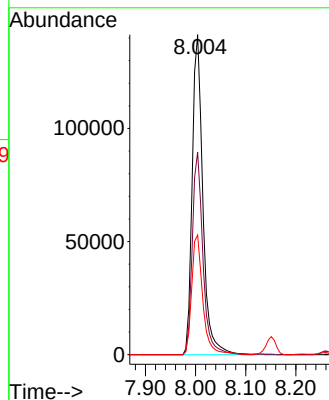
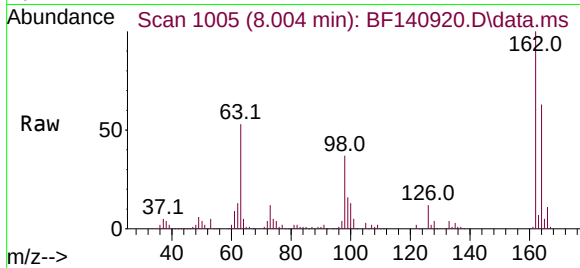
Tgt Ion:162 Resp: 209399

Ion Ratio Lower Upper

162 100

164 63.4 43.7 83.7

98 37.4 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 46.660 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

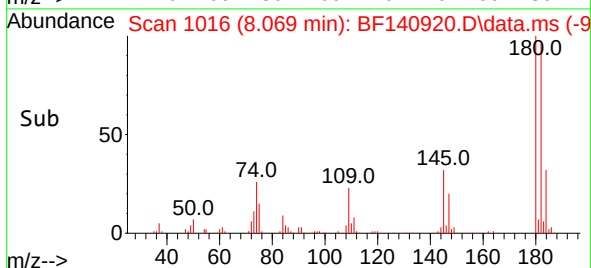
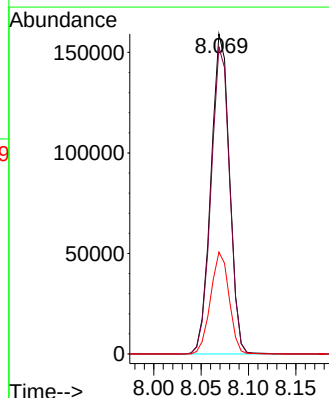
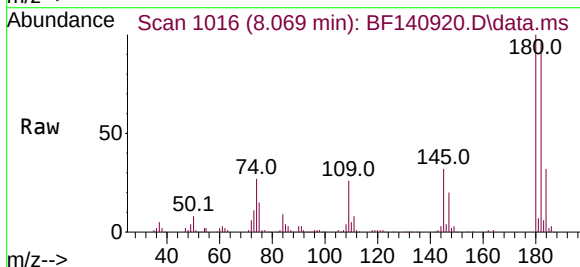
Tgt Ion:180 Resp: 217332

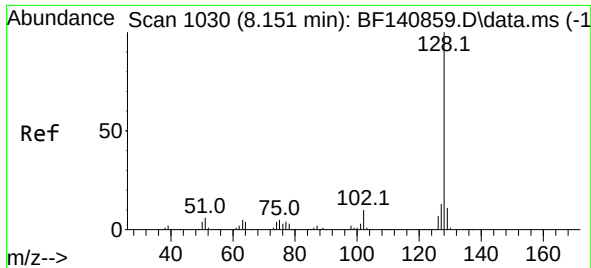
Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.6

145 31.8 25.2 37.8

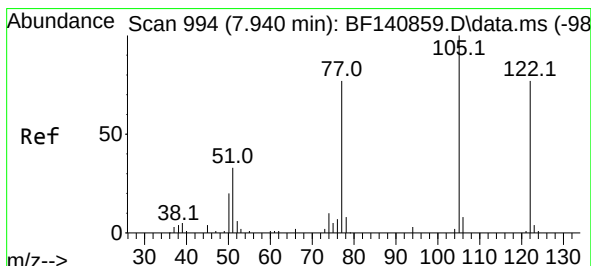
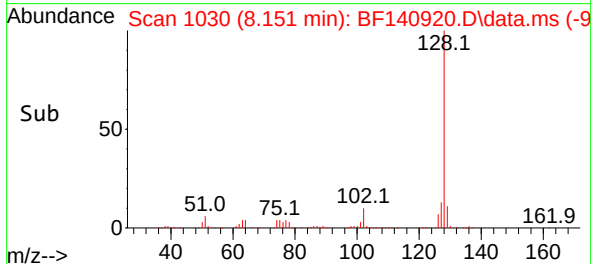
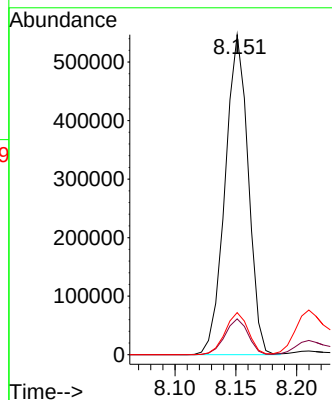
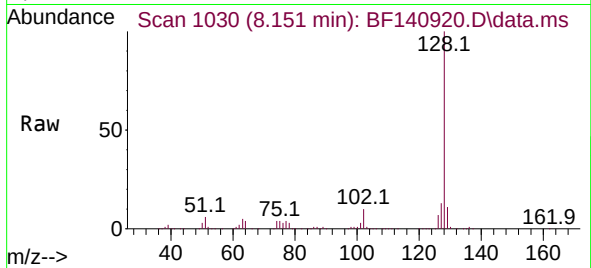




#31
Naphthalene
Concen: 49.209 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

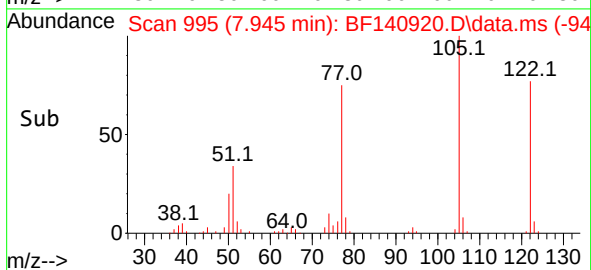
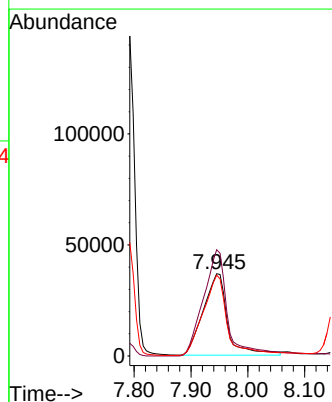
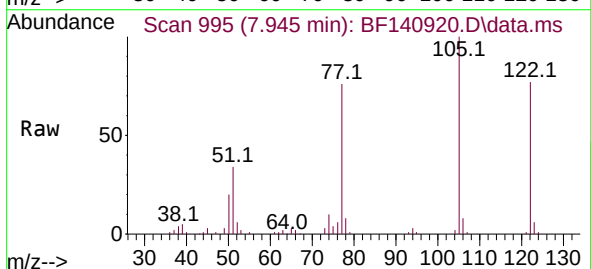
Instrument :
BNA_F
ClientSampleId :
PB165719BS

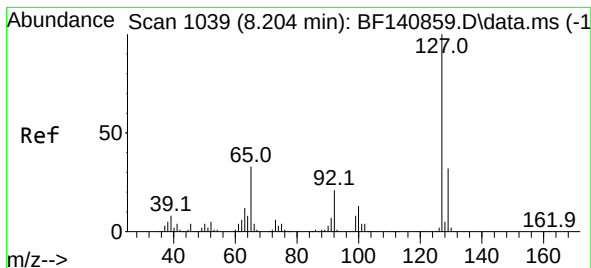
Tgt Ion:128 Resp: 722311
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 39.016 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.005 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:122 Resp: 108900
Ion Ratio Lower Upper
122 100
105 129.1 108.3 148.3
77 98.2 78.8 118.8





#33

4-Chloroaniline

Concen: 35.471 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

Tgt Ion:127 Resp: 172922

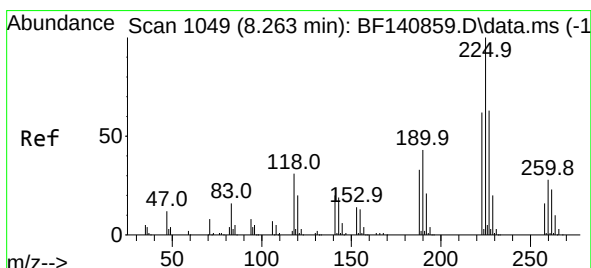
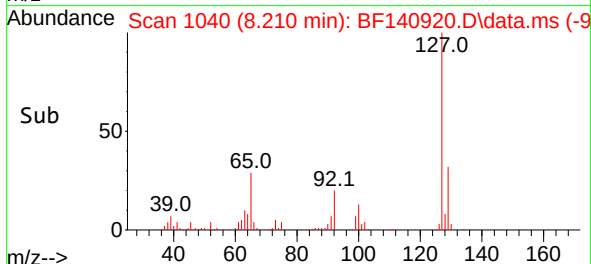
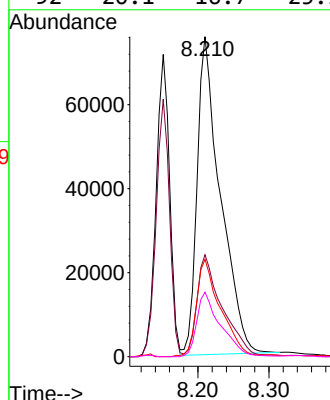
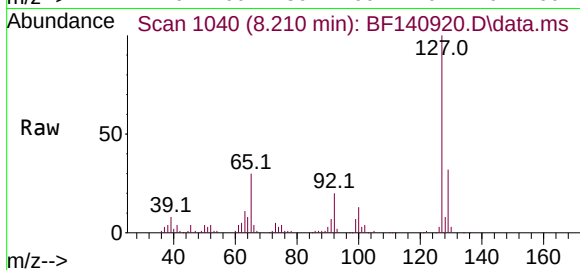
Ion Ratio Lower Upper

127 100

129 31.8 26.0 39.0

65 30.4 26.0 39.0

92 20.1 16.7 25.1



#34

Hexachlorobutadiene

Concen: 47.076 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

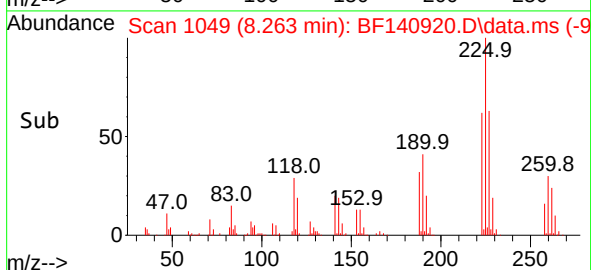
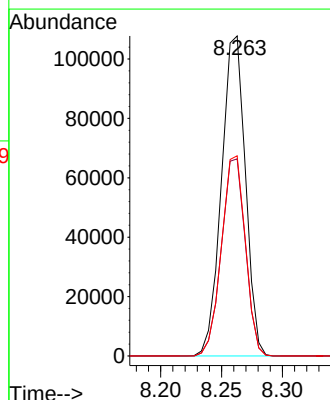
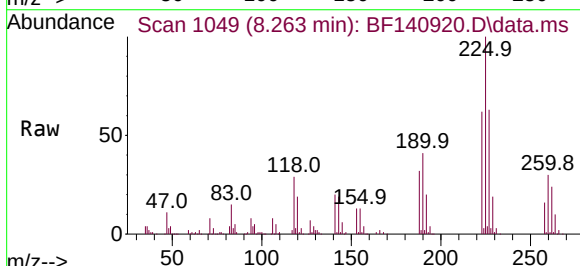
Tgt Ion:225 Resp: 147527

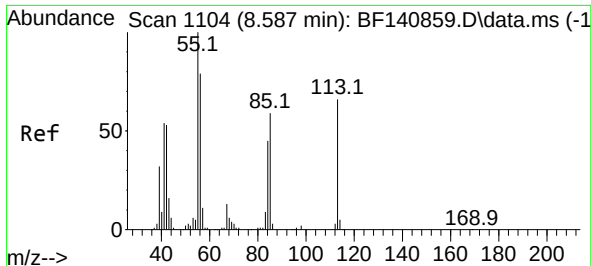
Ion Ratio Lower Upper

225 100

223 61.6 49.6 74.4

227 62.6 50.7 76.1

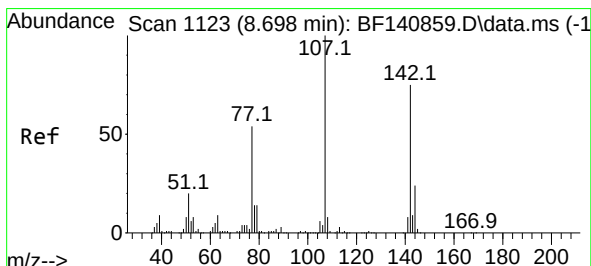
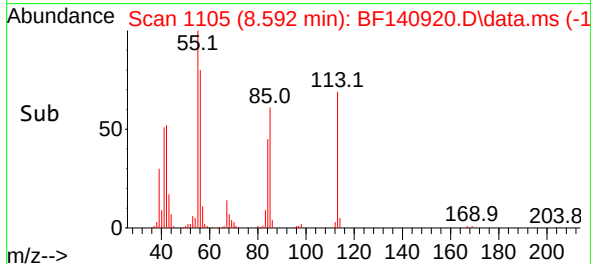
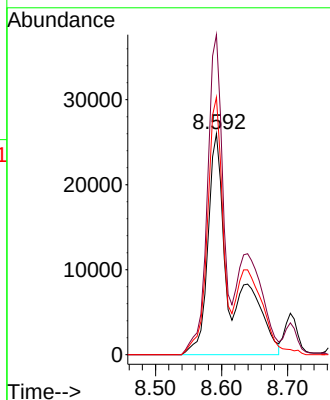
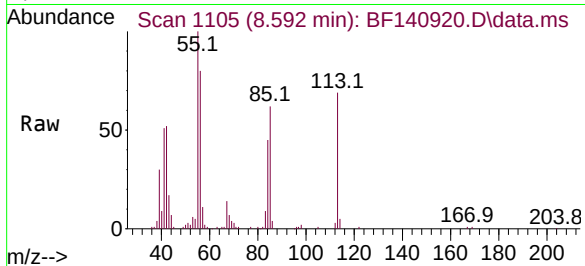




#35
 Caprolactam
 Concen: 53.262 ng m
 RT: 8.592 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: BF140920.D
 Acq: 19 Dec 2024 12:30

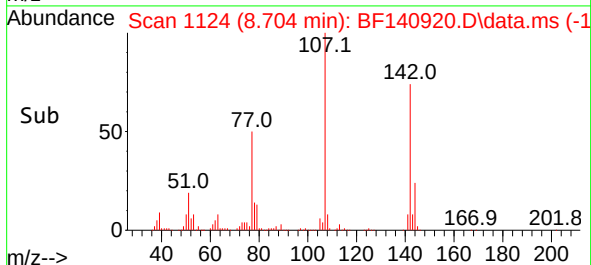
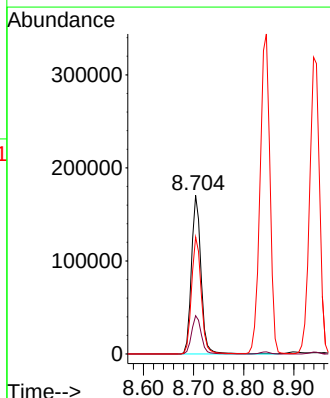
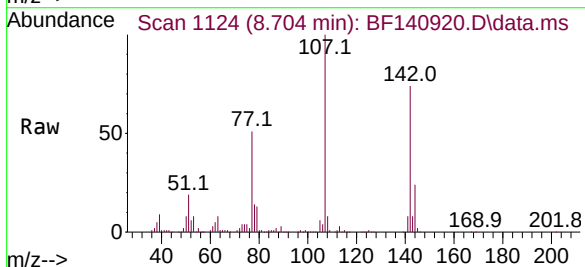
Instrument :
 BNA_F
 ClientSampleId :
 PB165719BS

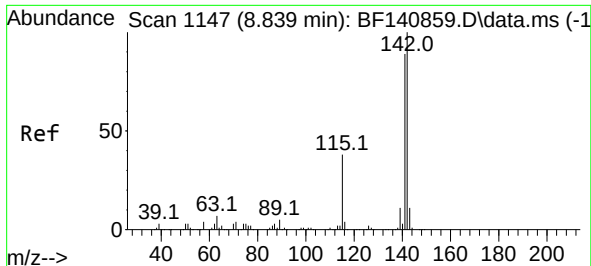
Tgt Ion:113 Resp: 64427
 Ion Ratio Lower Upper
 113 100
 55 144.8 132.3 172.3
 56 116.5 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.451 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: BF140920.D
 Acq: 19 Dec 2024 12:30

Tgt Ion:107 Resp: 226144
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.4 29.2
 142 73.7 60.3 90.5

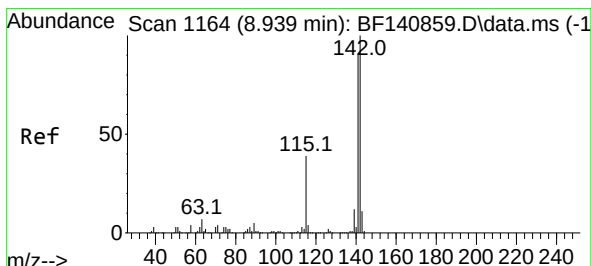
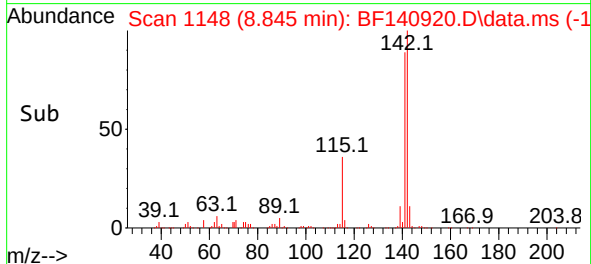
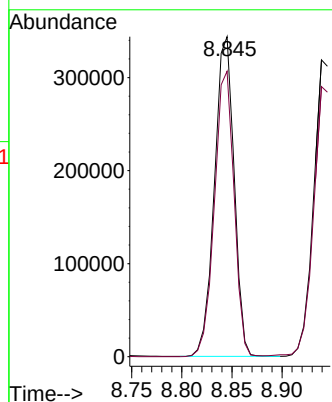
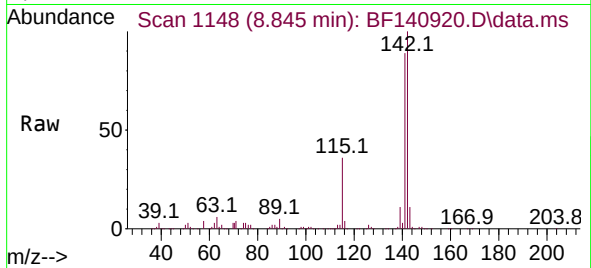




#37
2-Methylnaphthalene
Concen: 48.165 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

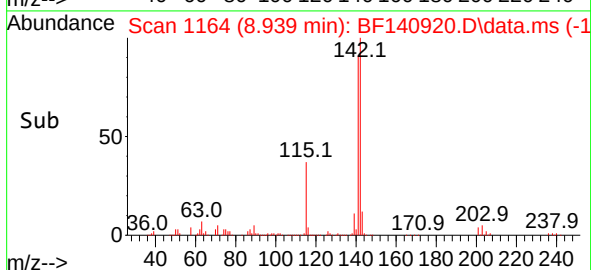
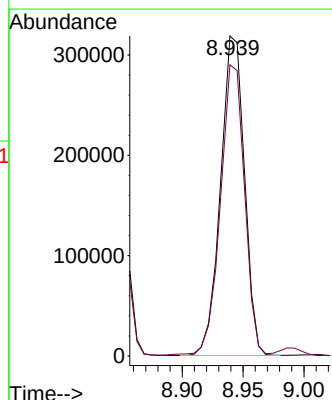
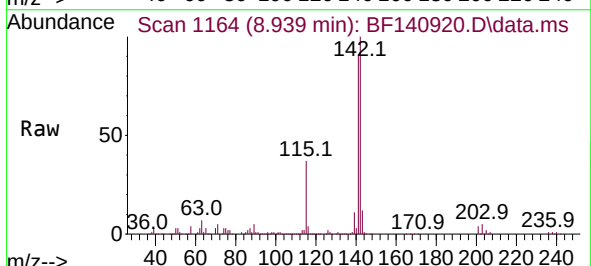
Instrument :
BNA_F
ClientSampleId :
PB165719BS

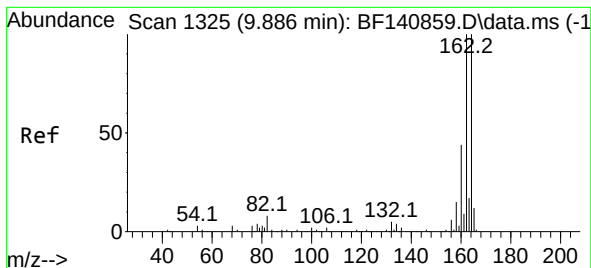
Tgt Ion:142 Resp: 467664
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6



#38
1-Methylnaphthalene
Concen: 45.399 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:142 Resp: 435954
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

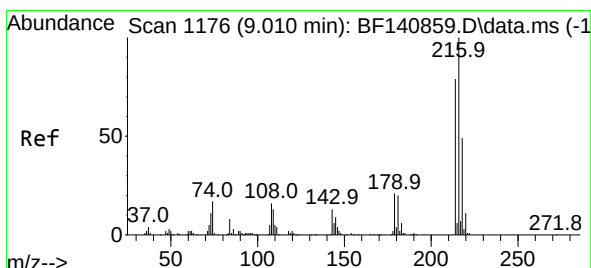
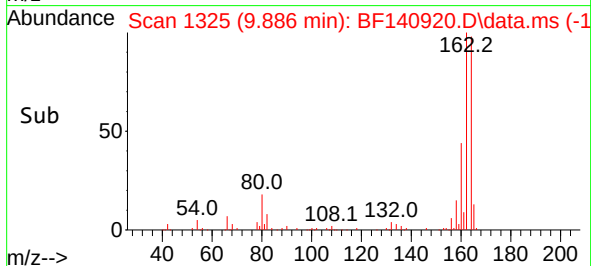
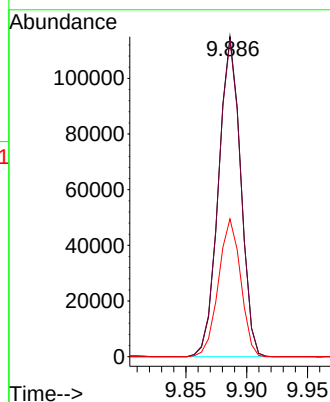
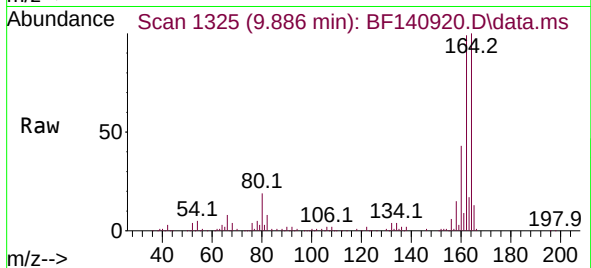
Tgt Ion:164 Resp: 145295

Ion Ratio Lower Upper

164 100

162 99.0 79.9 119.9

160 43.1 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.973 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Tgt Ion:216 Resp: 232102

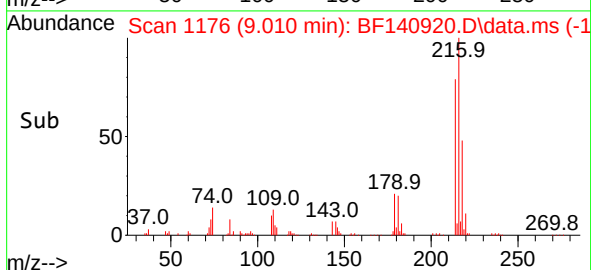
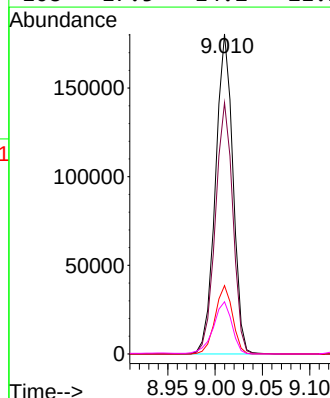
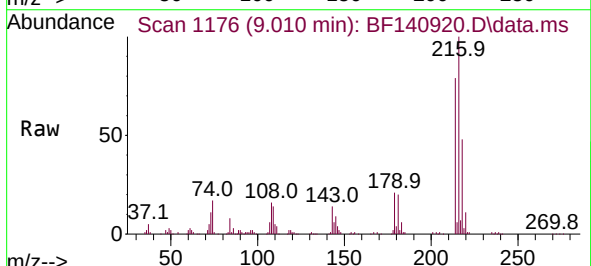
Ion Ratio Lower Upper

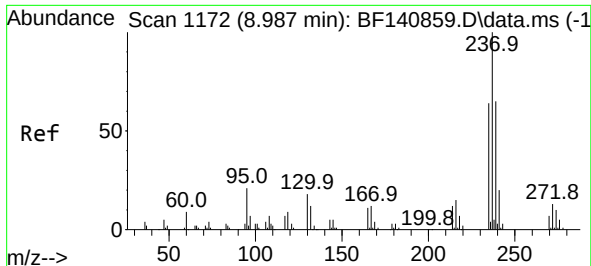
216 100

214 78.4 63.6 95.4

179 21.2 17.0 25.4

108 17.5 14.2 21.2

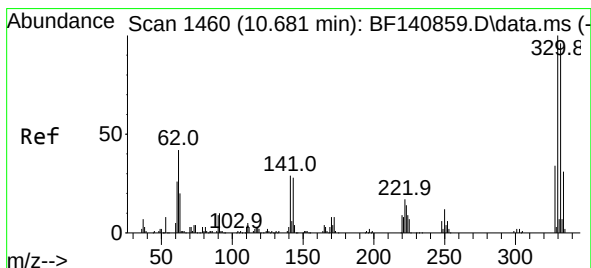
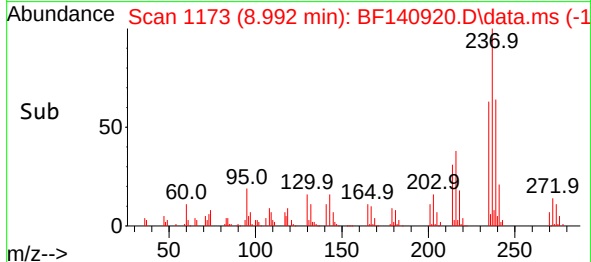
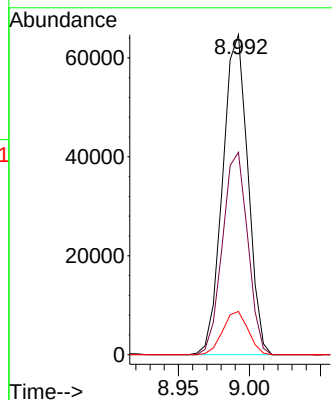
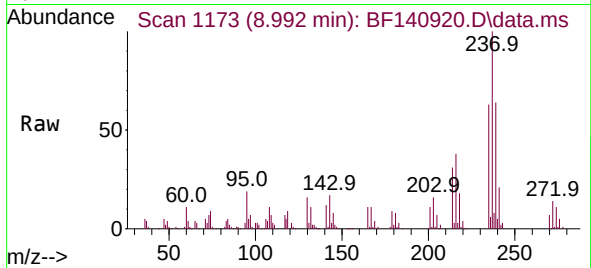




#41
Hexachlorocyclopentadiene
Concen: 60.237 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

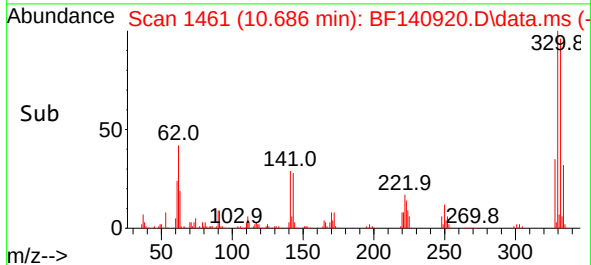
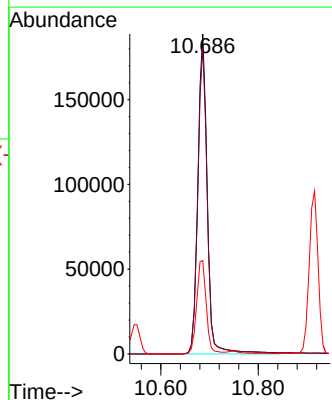
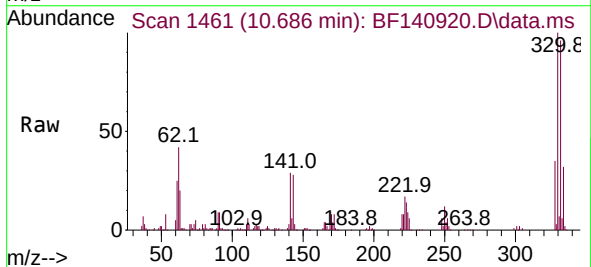
Instrument :
BNA_F
ClientSampleId :
PB165719BS

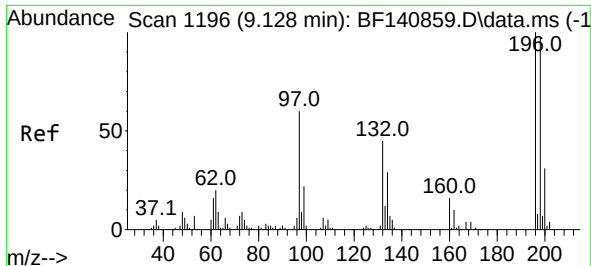
Tgt Ion:237 Resp: 80002
Ion Ratio Lower Upper
237 100
235 63.2 43.7 83.7
272 13.5 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 149.103 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:330 Resp: 256222
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 29.9 24.9 37.3

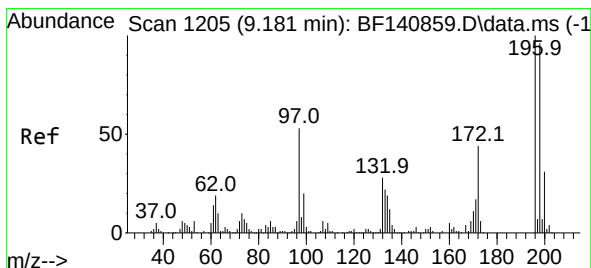
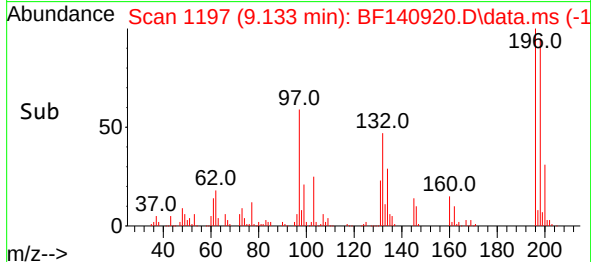
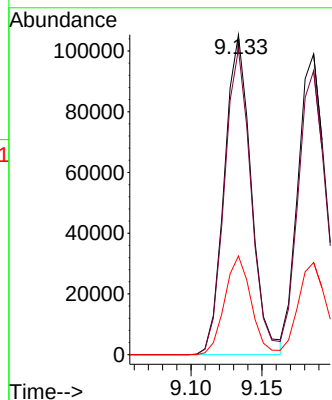
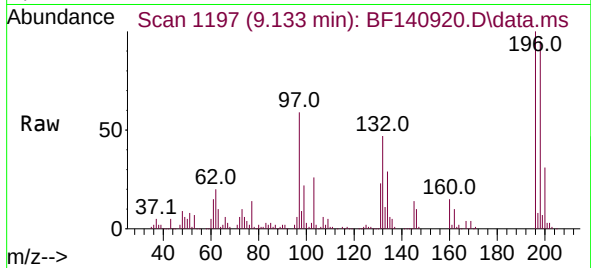




#43
2,4,6-Trichlorophenol
Concen: 50.430 ng
RT: 9.133 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

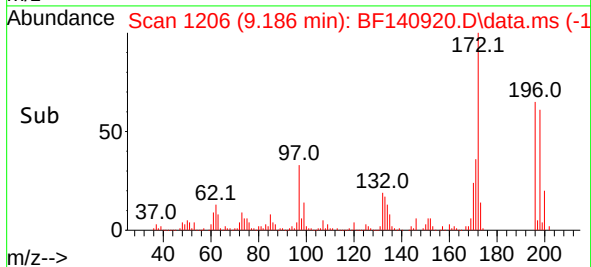
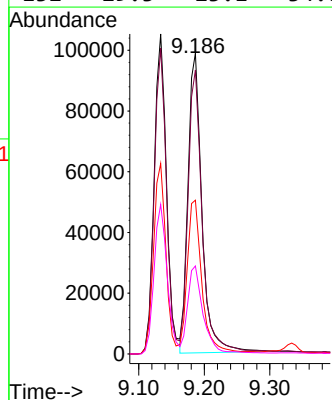
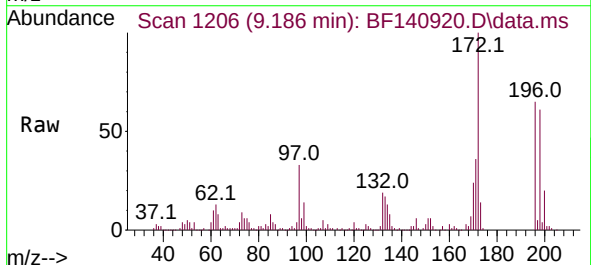
Instrument :
BNA_F
ClientSampleId :
PB165719BS

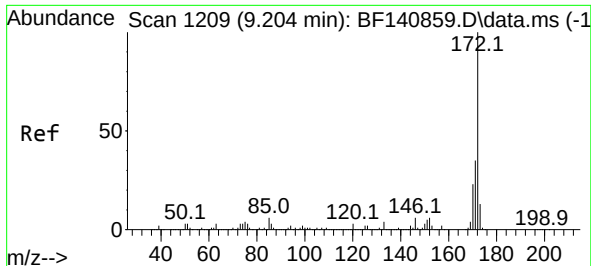
Tgt Ion:196 Resp: 137903
Ion Ratio Lower Upper
196 100
198 95.5 77.4 116.0
200 30.9 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 48.494 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:196 Resp: 145754
Ion Ratio Lower Upper
196 100
198 94.4 77.2 115.8
97 51.1 42.2 63.4
132 29.3 23.1 34.7

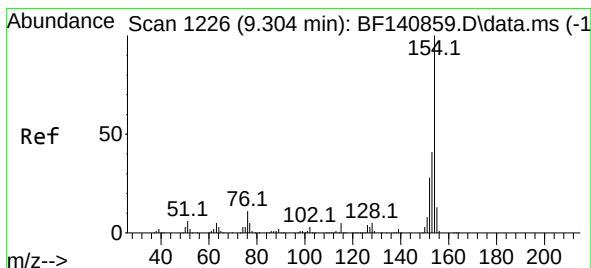
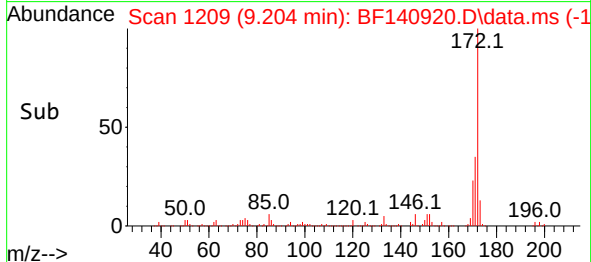
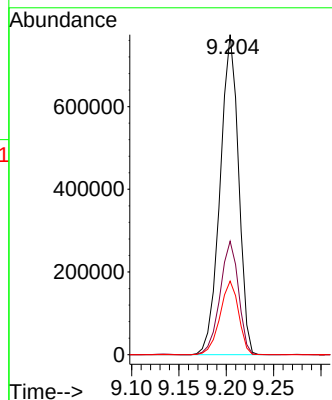
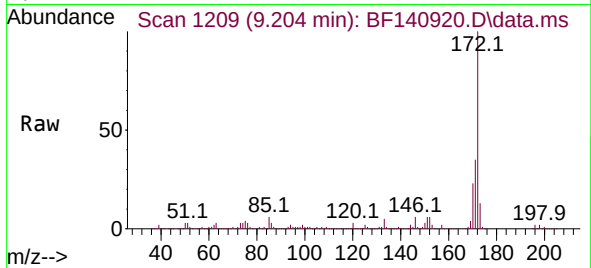




#45
2-Fluorobiphenyl
Concen: 99.487 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

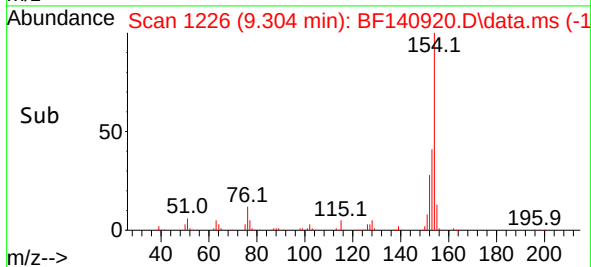
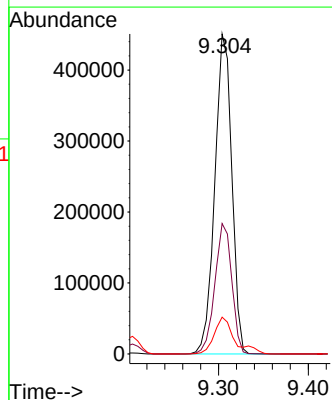
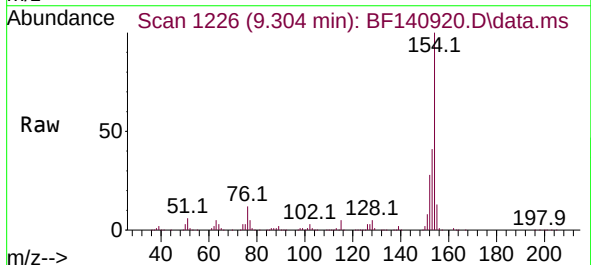
Instrument :
BNA_F
ClientSampleId :
PB165719BS

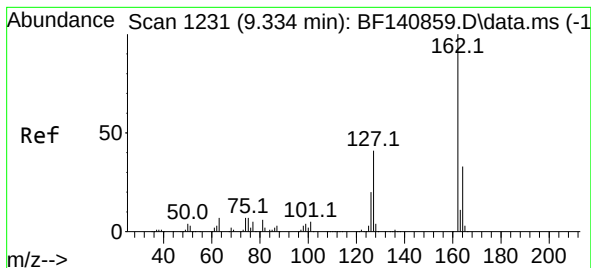
Tgt Ion:172 Resp: 1051380
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.0 18.6 28.0



#46
1,1'-Biphenyl
Concen: 51.262 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:154 Resp: 592260
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 11.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 50.175 ng

RT: 9.333 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

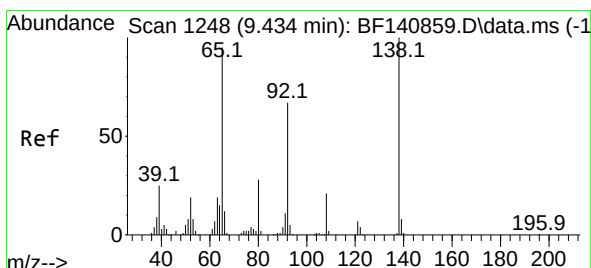
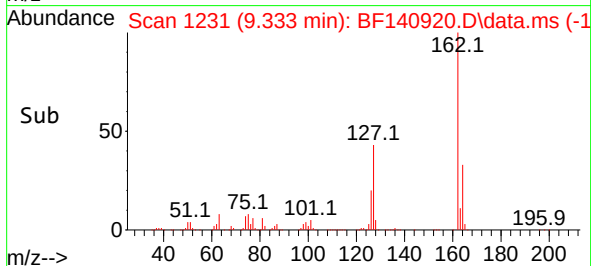
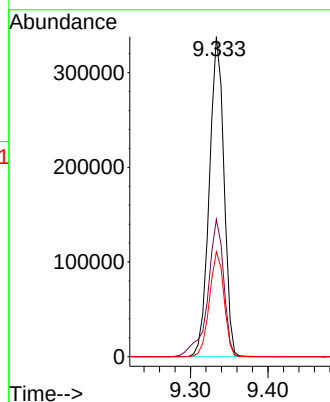
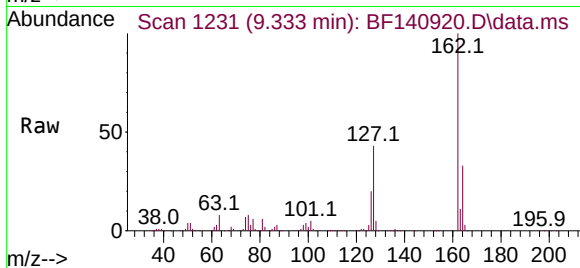
Tgt Ion:162 Resp: 443486

Ion Ratio Lower Upper

162 100

127 42.9 33.5 50.3

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 51.819 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

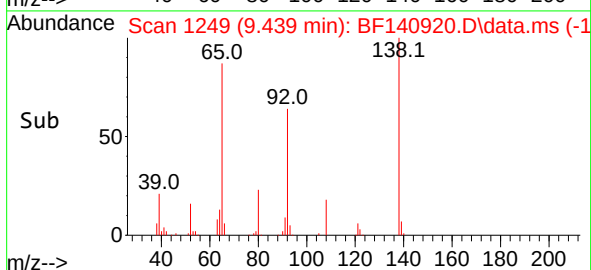
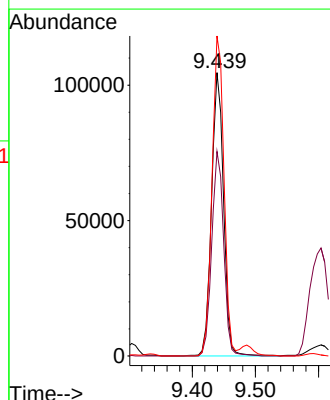
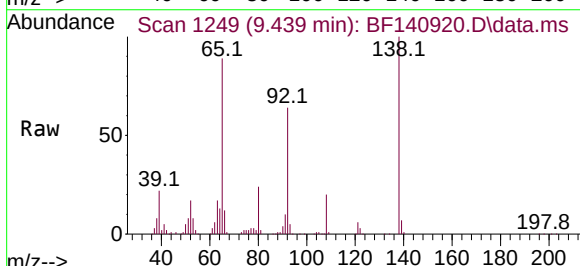
Tgt Ion: 65 Resp: 138326

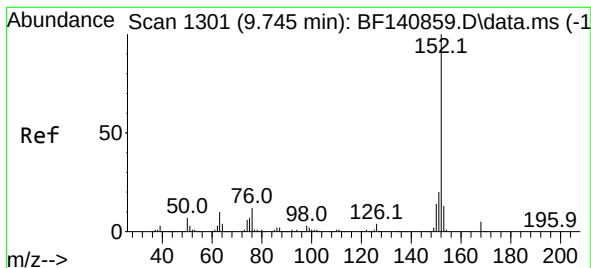
Ion Ratio Lower Upper

65 100

92 72.2 56.3 84.5

138 112.9 83.8 125.6





#49

Acenaphthylene

Concen: 54.845 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

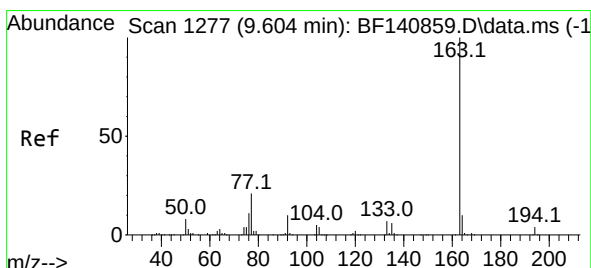
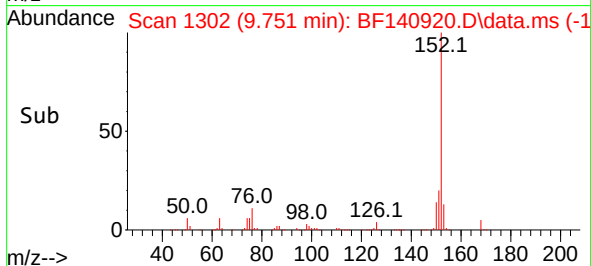
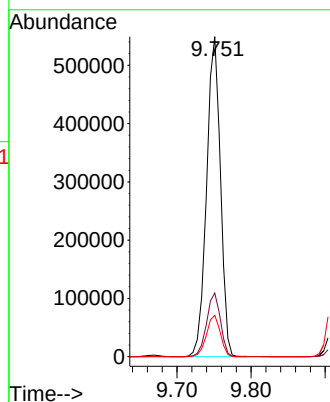
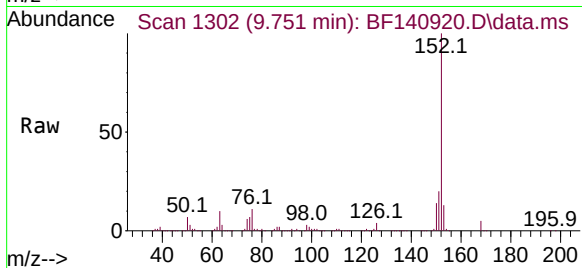
Tgt Ion:152 Resp: 712379

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 52.191 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

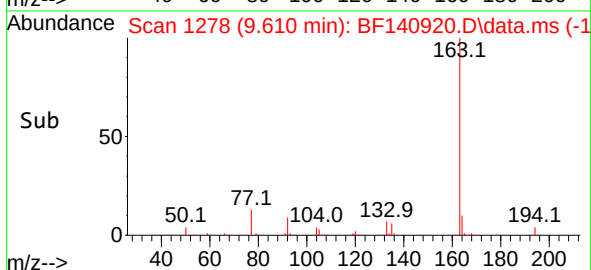
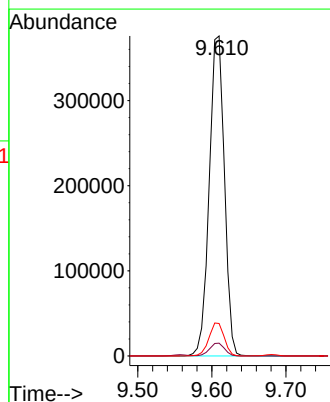
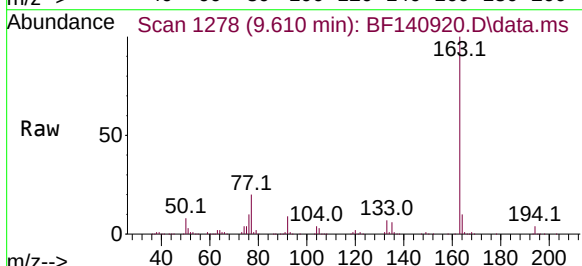
Tgt Ion:163 Resp: 534630

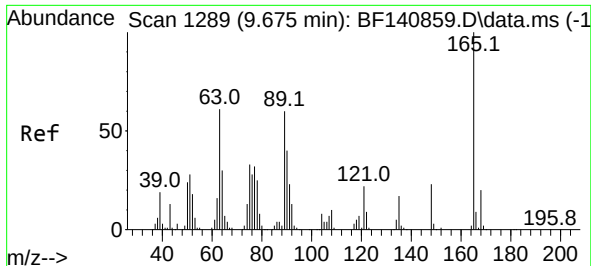
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 50.265 ng

RT: 9.680 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

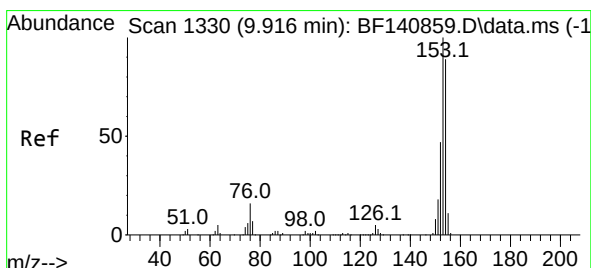
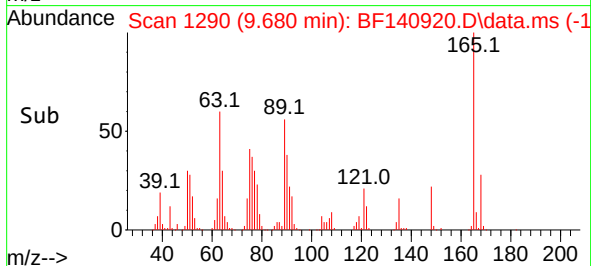
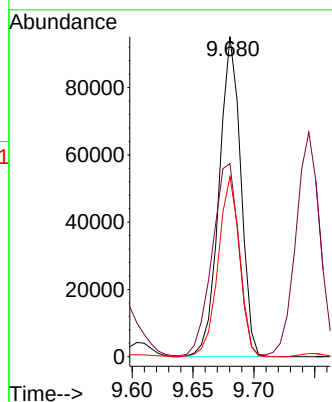
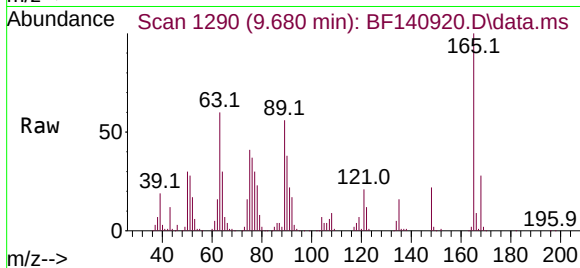
Tgt Ion:165 Resp: 117709

Ion Ratio Lower Upper

165 100

63 60.3 49.7 74.5

89 56.3 48.2 72.4



#52

Acenaphthene

Concen: 51.096 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

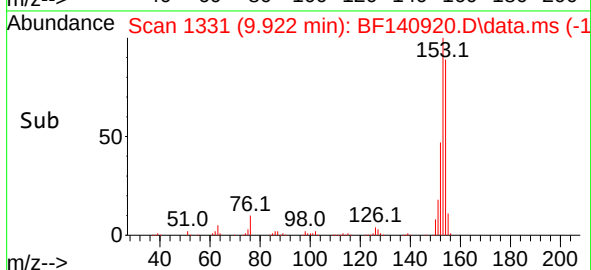
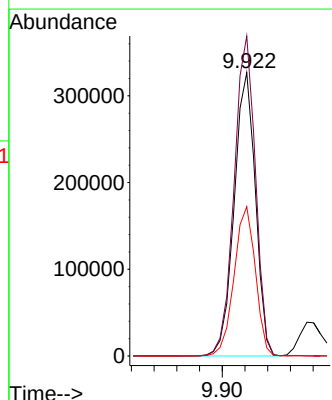
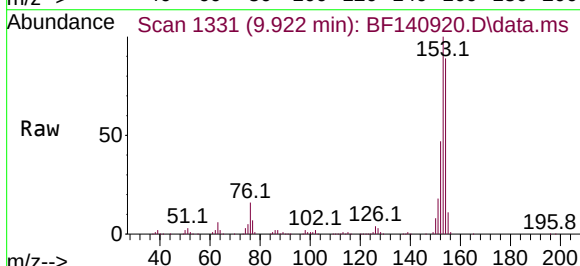
Tgt Ion:154 Resp: 423950

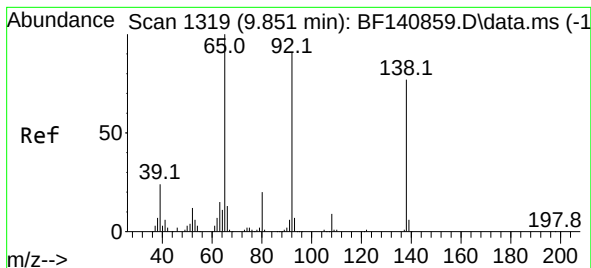
Ion Ratio Lower Upper

154 100

153 112.9 89.9 134.9

152 52.7 42.6 63.8





#53

3-Nitroaniline

Concen: 33.527 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

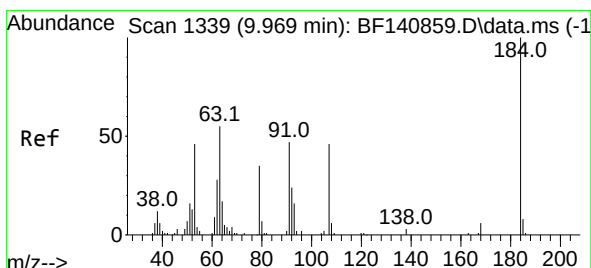
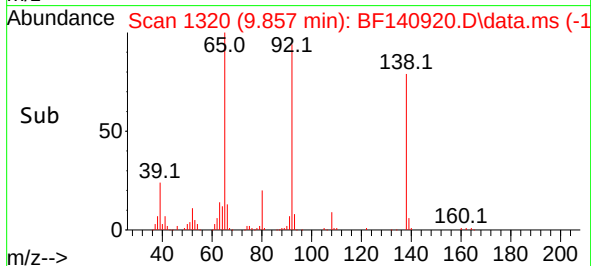
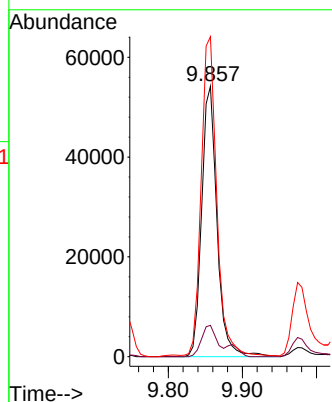
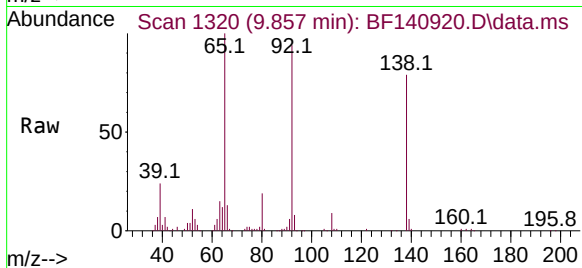
Tgt Ion:138 Resp: 77915

Ion Ratio Lower Upper

138 100

108 11.6 9.0 13.4

92 118.3 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 87.255 ng

RT: 9.974 min Scan# 1340

Delta R.T. 0.005 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

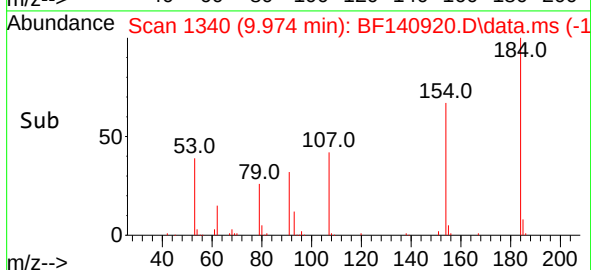
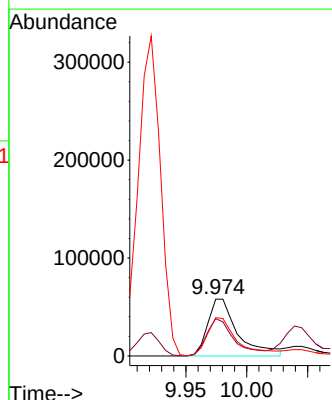
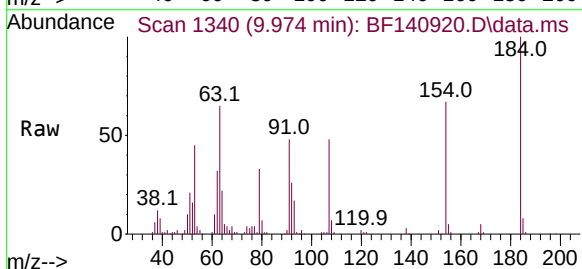
Tgt Ion:184 Resp: 100437

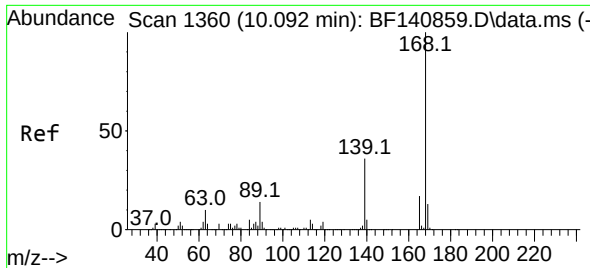
Ion Ratio Lower Upper

184 100

63 65.5 51.6 77.4

154 67.2 56.1 84.1

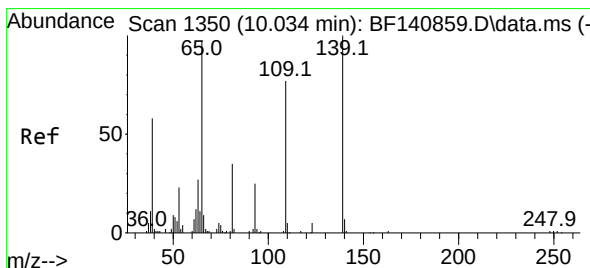
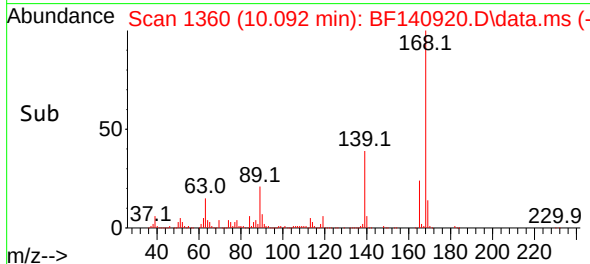
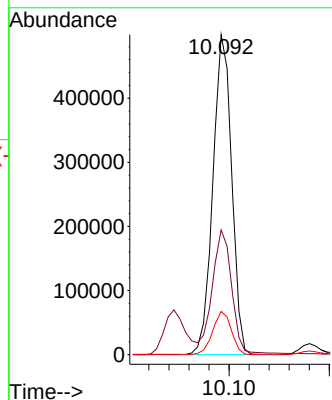
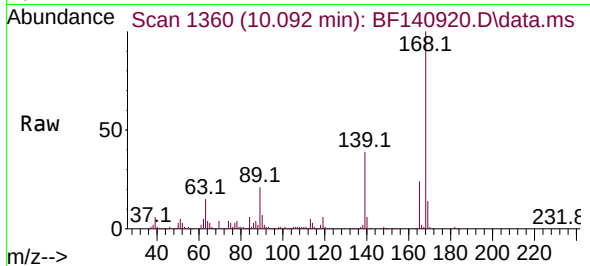




#55
Dibenzofuran
Concen: 50.294 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

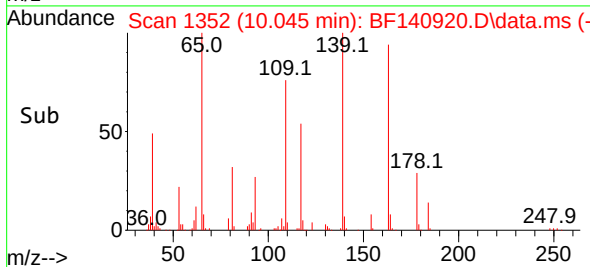
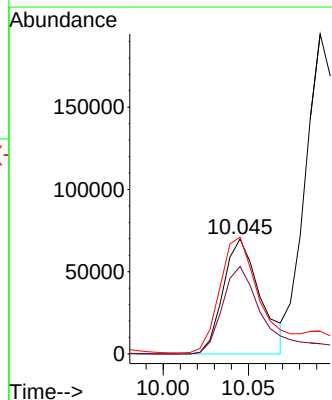
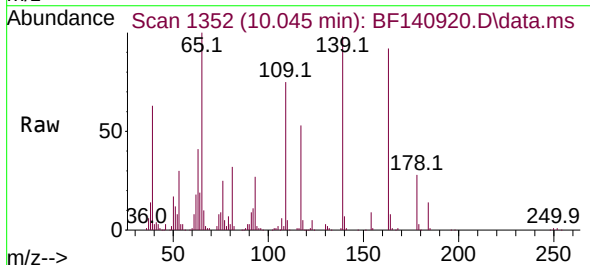
Instrument :
BNA_F
ClientSampleId :
PB165719BS

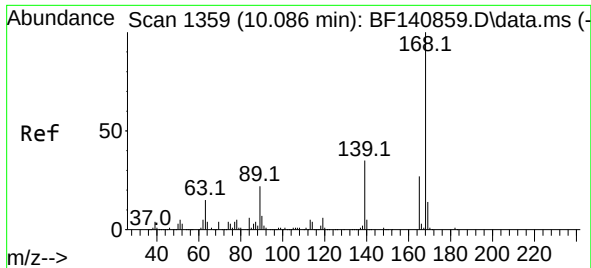
Tgt Ion:168 Resp: 646628
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 84.218 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.011 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:139 Resp: 105588
Ion Ratio Lower Upper
139 100
109 76.2 56.7 96.7
65 101.7 78.1 118.1

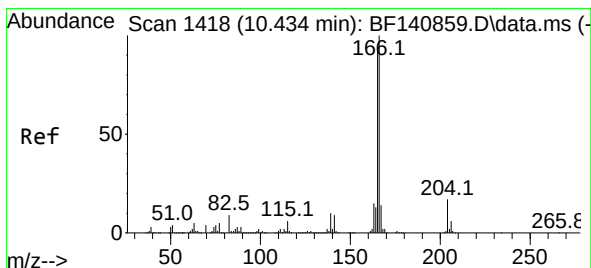
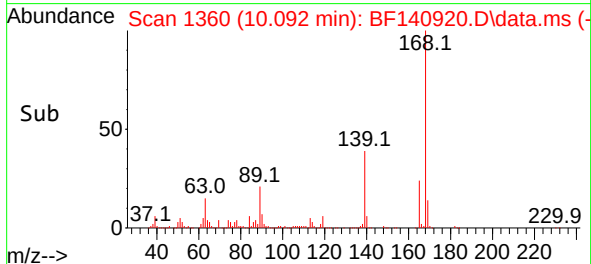
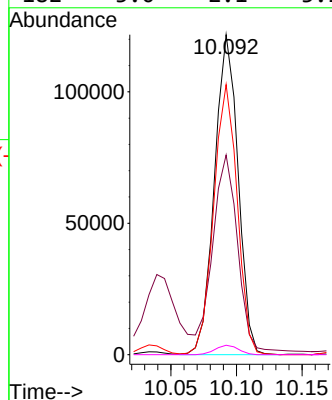
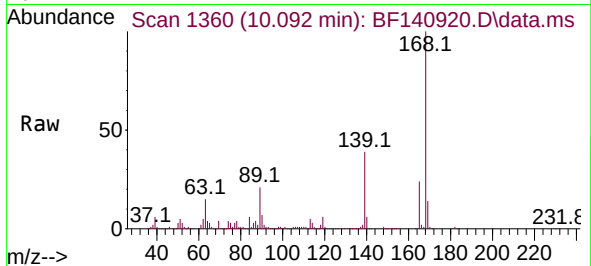




#57
2,4-Dinitrotoluene
Concen: 49.434 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

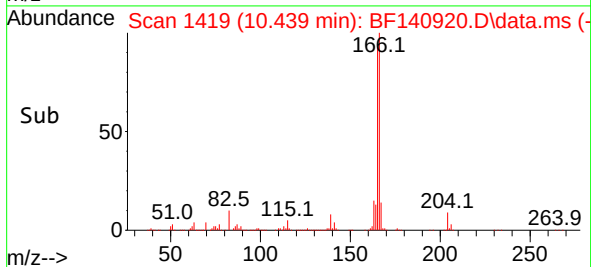
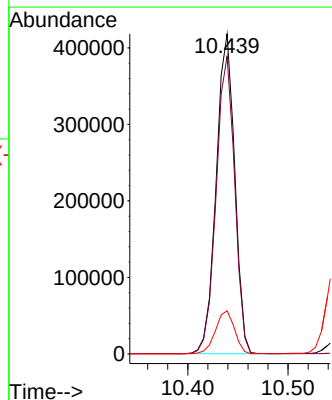
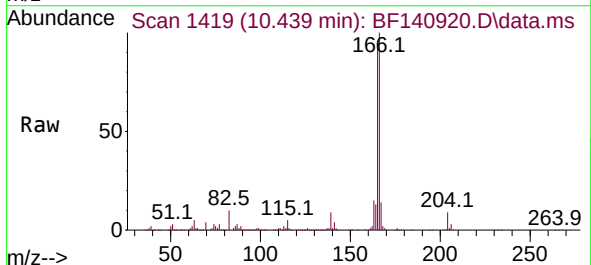
Instrument :
BNA_F
ClientSampleId :
PB165719BS

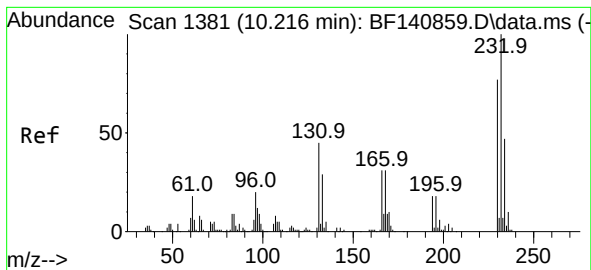
Tgt Ion:165 Resp: 152314
Ion Ratio Lower Upper
165 100
63 62.4 49.3 73.9
89 84.4 66.2 99.4
182 3.0 2.1 3.1



#58
Fluorene
Concen: 50.500 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

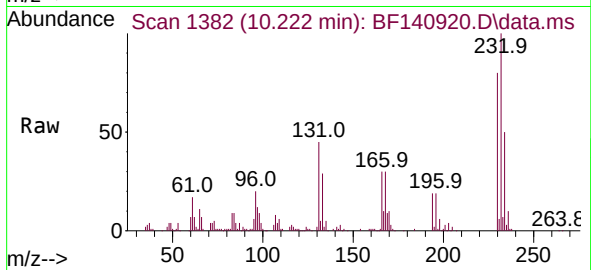
Tgt Ion:166 Resp: 535651
Ion Ratio Lower Upper
166 100
165 93.0 75.1 112.7
167 13.5 11.1 16.7



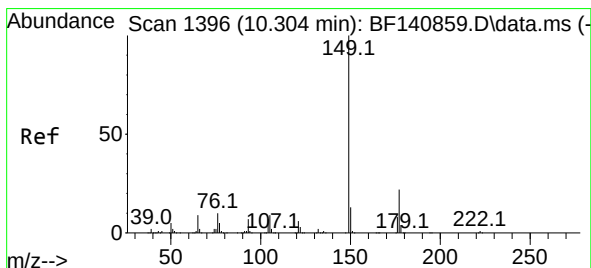
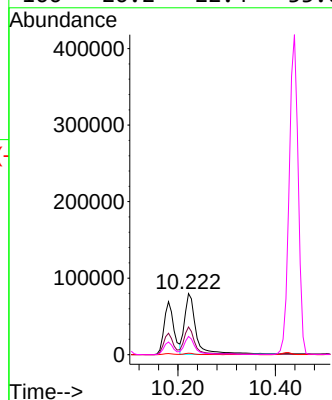
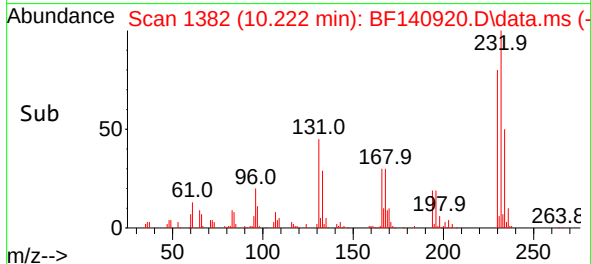


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.782 ng
RT: 10.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

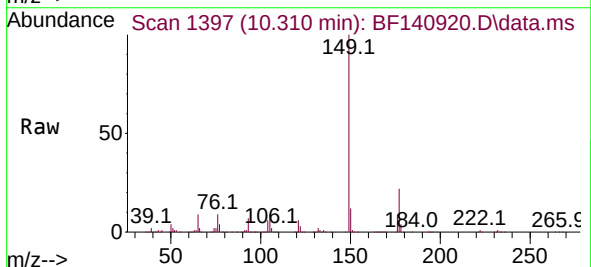
Instrument :
BNA_F
ClientSampleId :
PB165719BS



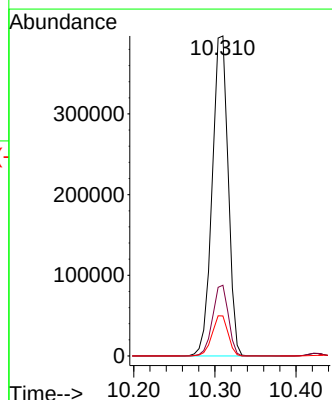
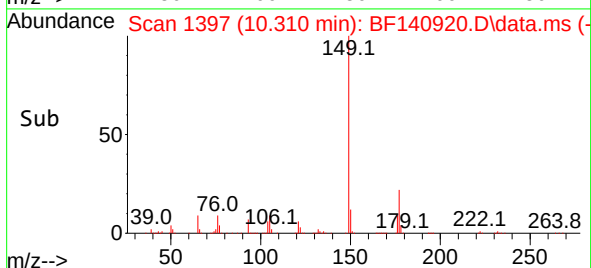
Tgt Ion:232 Resp: 126820
Ion Ratio Lower Upper
232 100
131 40.6 35.1 52.7
130 2.5 1.8 2.8
166 26.2 22.4 33.6

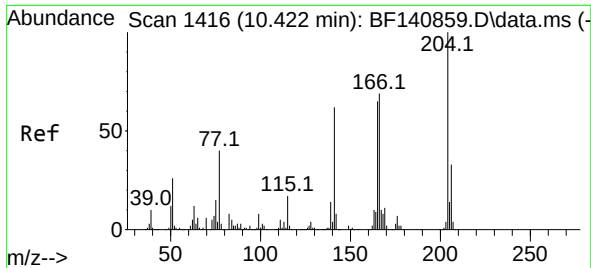


#60
Diethylphthalate
Concen: 50.970 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30



Tgt Ion:149 Resp: 541421
Ion Ratio Lower Upper
149 100
177 22.1 17.2 25.8
150 12.5 10.1 15.1

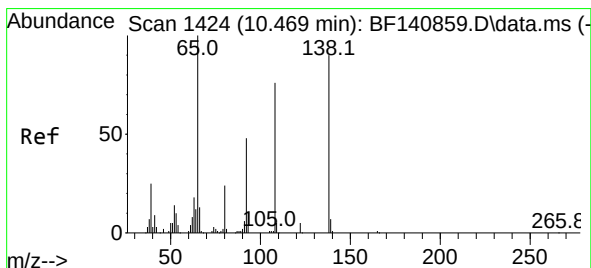
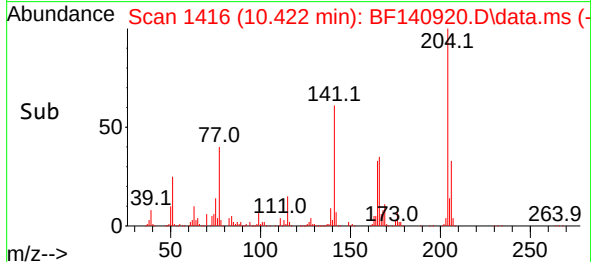
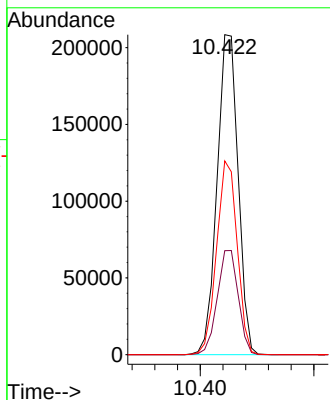
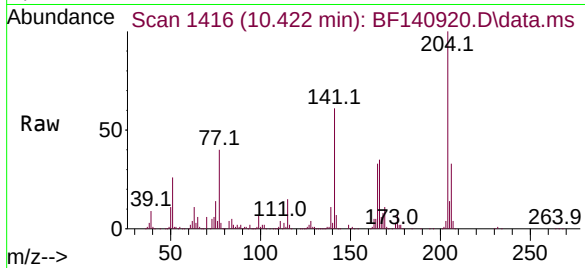




#61
4-Chlorophenyl-phenylether
Concen: 50.384 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

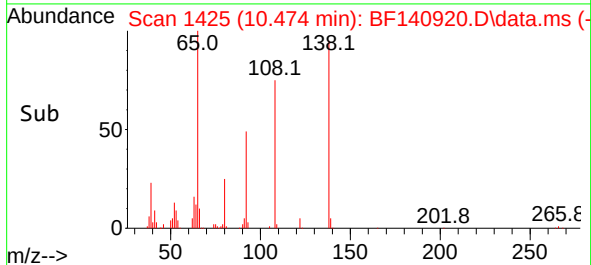
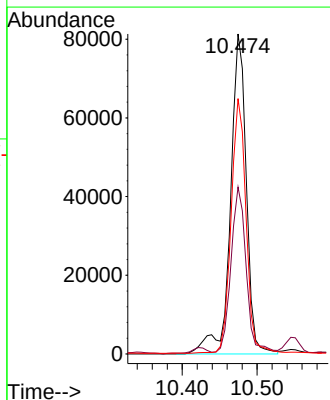
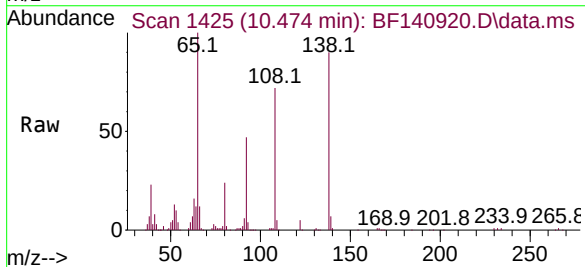
Instrument :
BNA_F
ClientSampleId :
PB165719BS

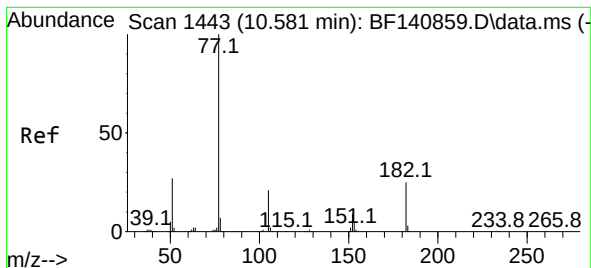
Tgt Ion:204 Resp: 268448
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 60.5 50.0 75.0



#62
4-Nitroaniline
Concen: 49.370 ng m
RT: 10.474 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:138 Resp: 119896
Ion Ratio Lower Upper
138 100
92 52.2 32.6 72.6
108 79.8 64.1 104.1





#63

Azobenzene

Concen: 50.073 ng

RT: 10.586 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

Tgt Ion: 77 Resp: 500037

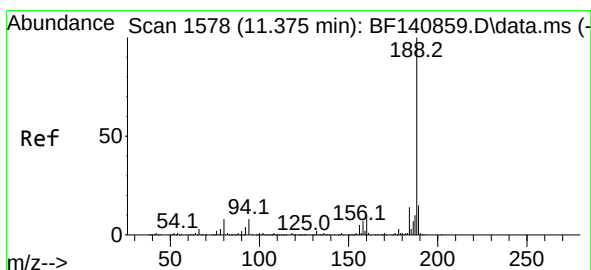
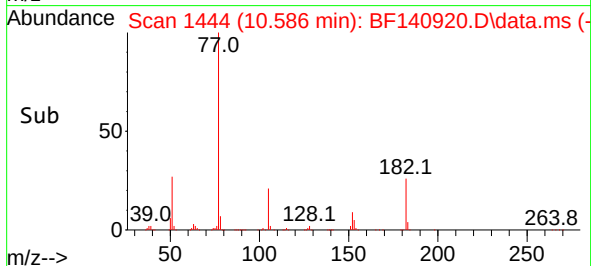
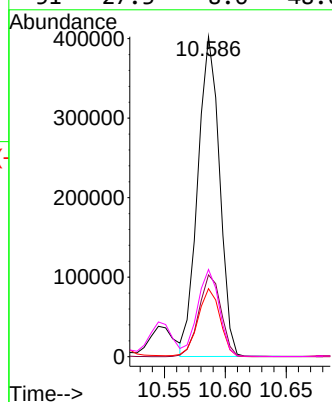
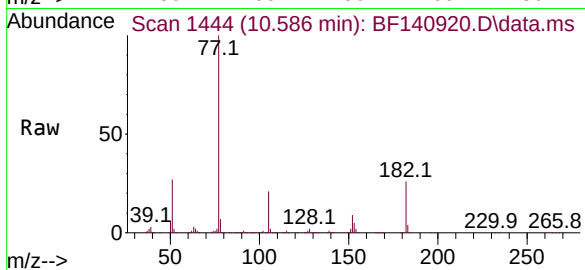
Ion Ratio Lower Upper

77 100

182 25.5 4.5 44.5

105 21.3 0.9 40.9

51 27.3 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

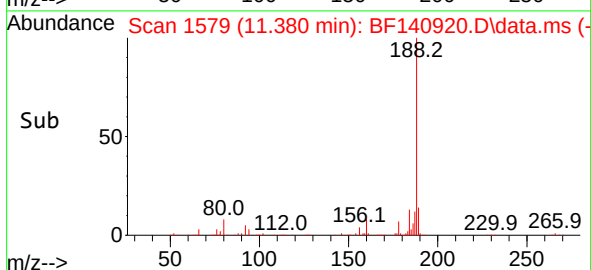
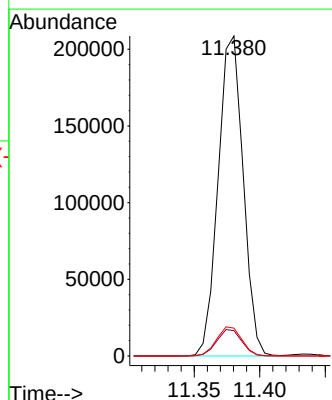
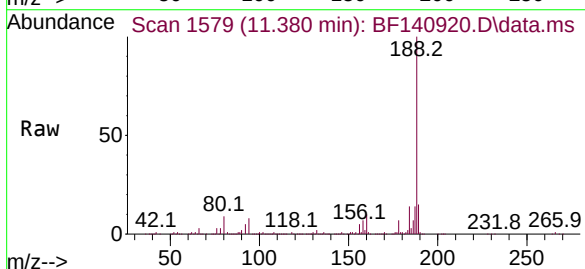
Tgt Ion: 188 Resp: 276523

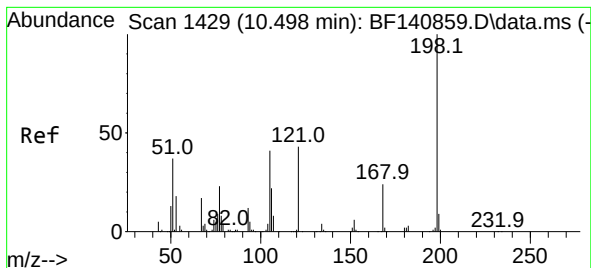
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.7 6.8 10.2

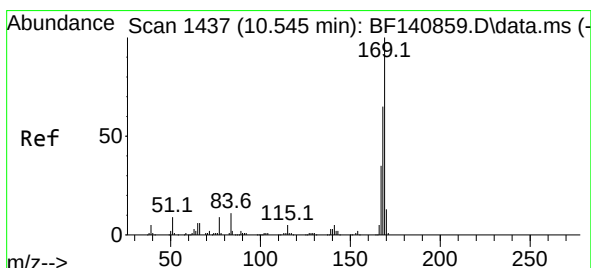
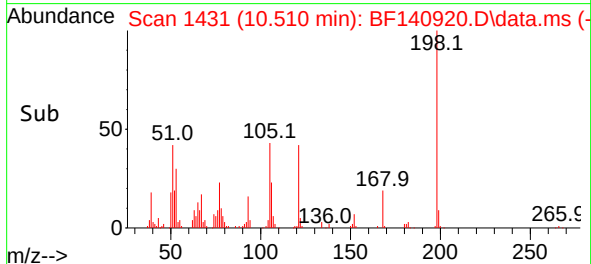
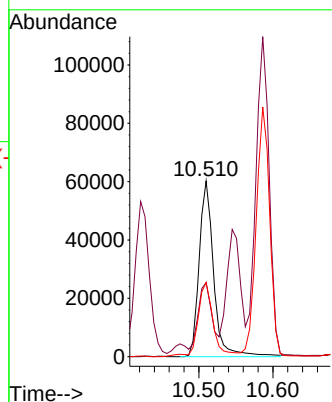
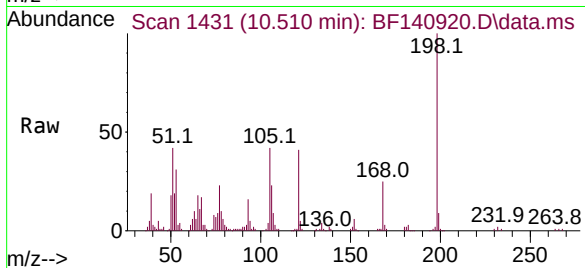




#65
4,6-Dinitro-2-methylphenol
Concen: 52.516 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

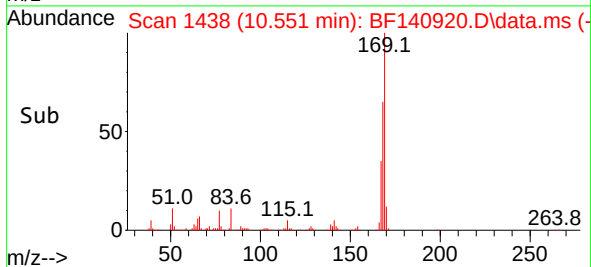
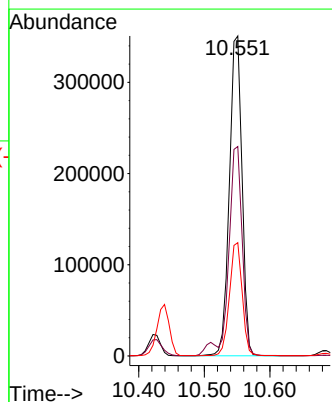
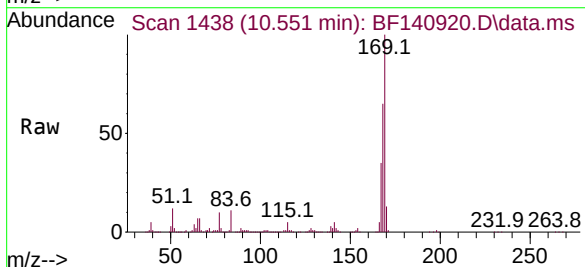
Instrument :
BNA_F
ClientSampleId :
PB165719BS

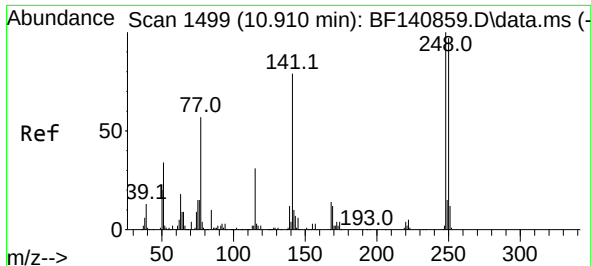
Tgt Ion:198 Resp: 82289
Ion Ratio Lower Upper
198 100
51 42.1 24.4 64.4
105 42.1 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 55.243 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:169 Resp: 469665
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.0
167 35.4 28.3 42.5





#67

4-Bromophenyl-phenylether

Concen: 52.835 ng

RT: 10.916 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

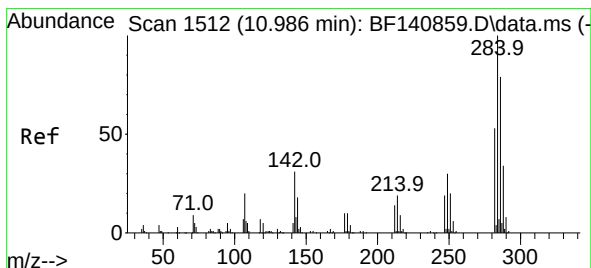
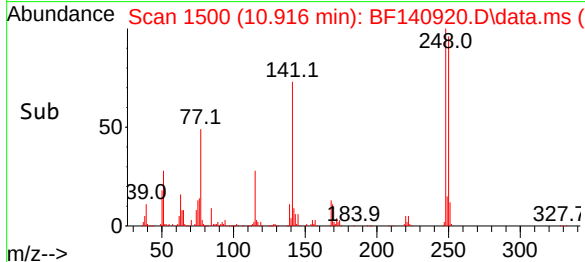
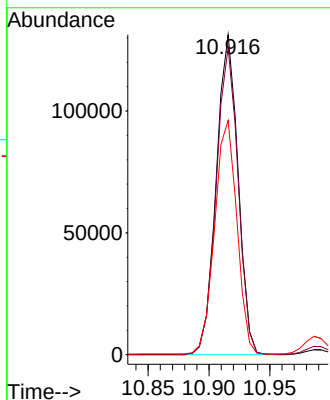
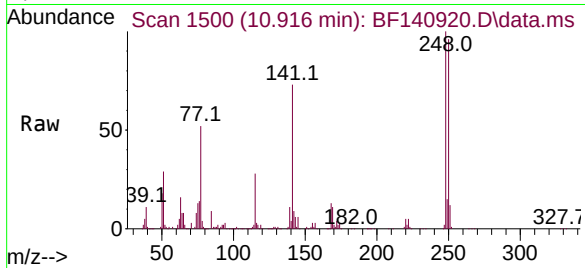
Tgt Ion:248 Resp: 163446

Ion Ratio Lower Upper

248 100

250 96.0 77.4 116.2

141 73.2 62.9 94.3



#68

Hexachlorobenzene

Concen: 53.566 ng

RT: 10.992 min Scan# 1513

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

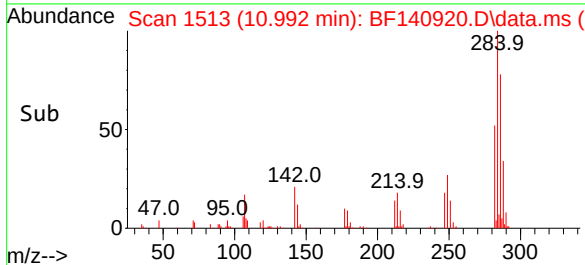
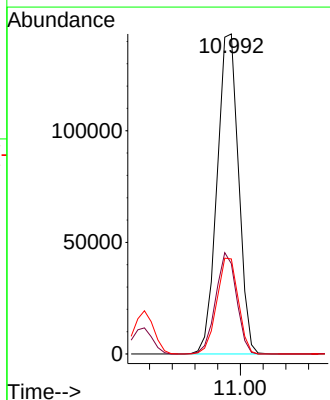
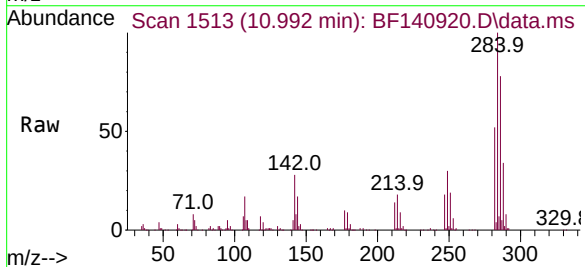
Tgt Ion:284 Resp: 187878

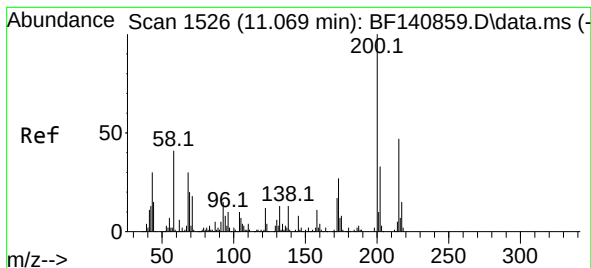
Ion Ratio Lower Upper

284 100

142 28.2 24.6 36.8

249 29.7 24.3 36.5





#69

Atrazine

Concen: 66.071 ng

RT: 11.074 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

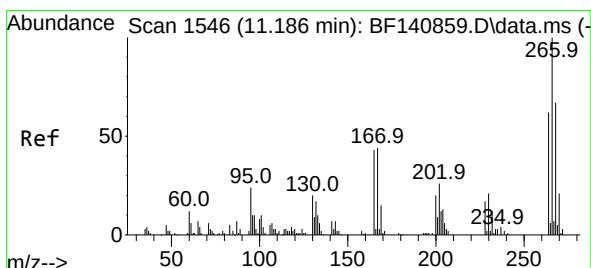
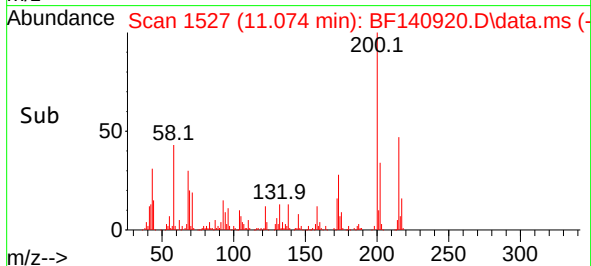
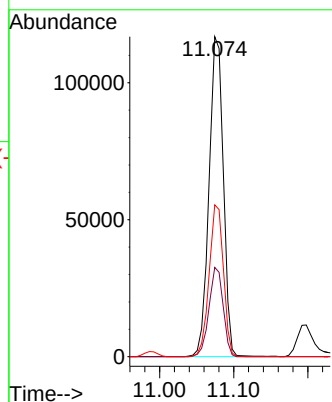
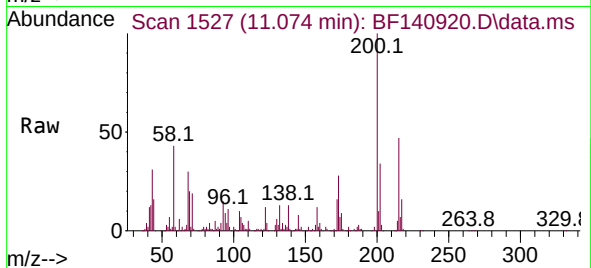
Tgt Ion:200 Resp: 156884

Ion Ratio Lower Upper

200 100

173 27.9 6.6 46.6

215 47.5 26.7 66.7



#70

Pentachlorophenol

Concen: 95.062 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

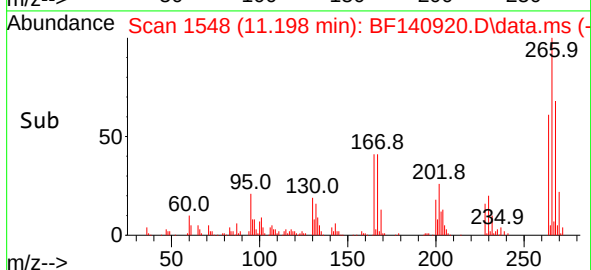
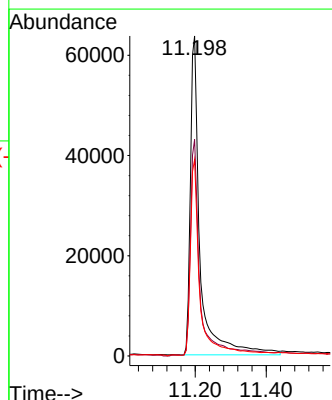
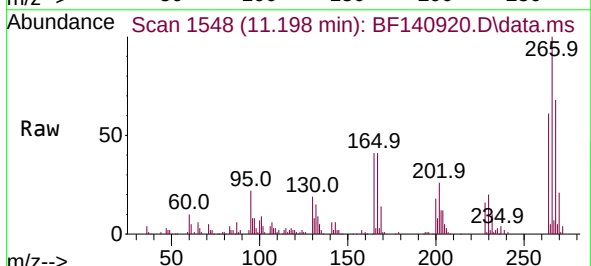
Tgt Ion:266 Resp: 121901

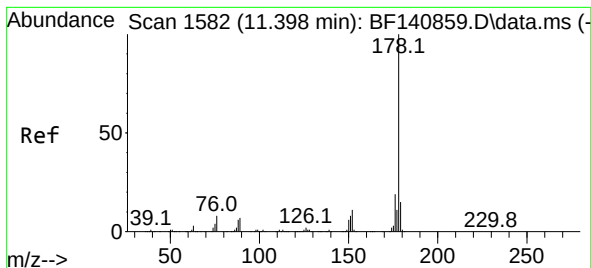
Ion Ratio Lower Upper

266 100

268 67.6 54.0 81.0

264 61.3 49.4 74.2





#71

Phenanthrene

Concen: 54.509 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

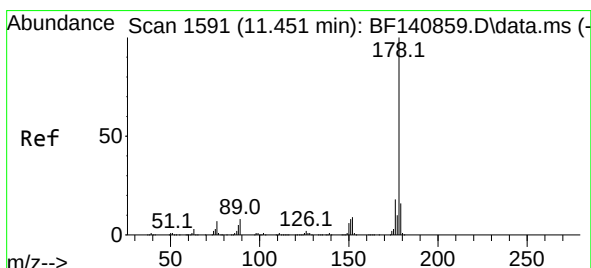
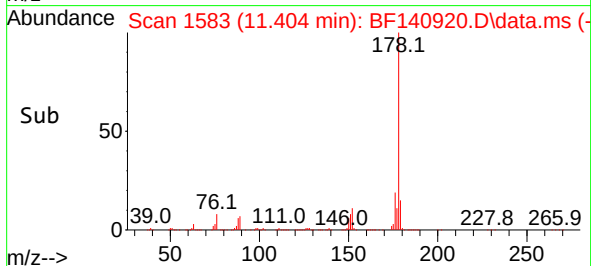
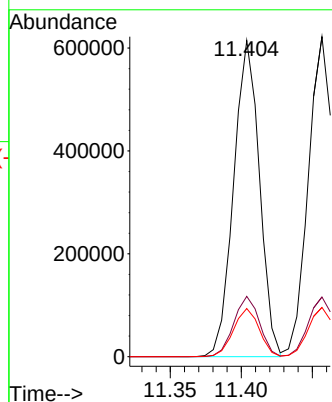
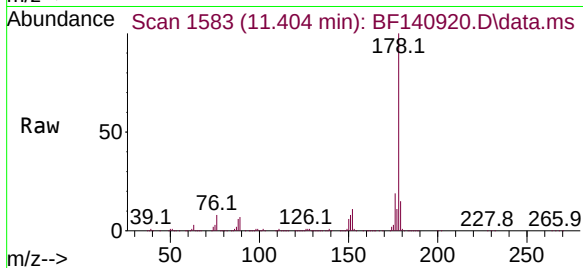
Tgt Ion:178 Resp: 775119

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.2 12.1 18.1



#72

Anthracene

Concen: 55.782 ng

RT: 11.457 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

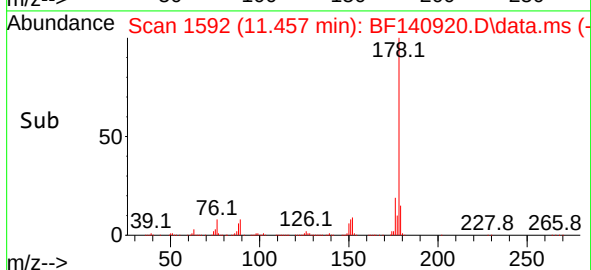
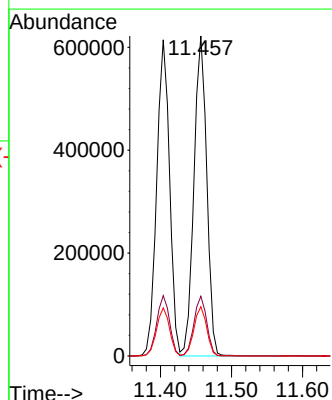
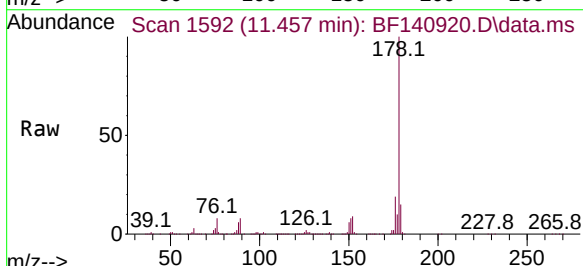
Tgt Ion:178 Resp: 781166

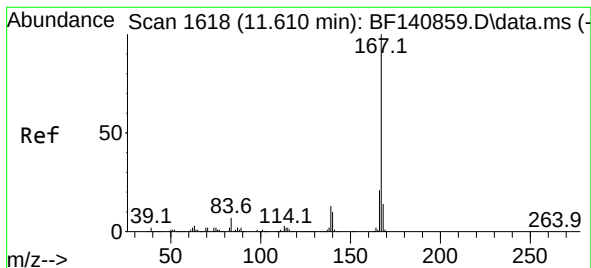
Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

179 15.4 12.6 18.8





#73

Carbazole

Concen: 52.716 ng

RT: 11.616 min Scan# 1619

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

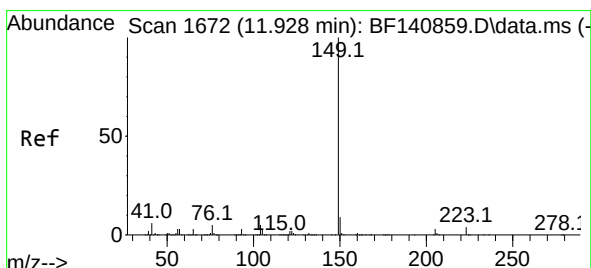
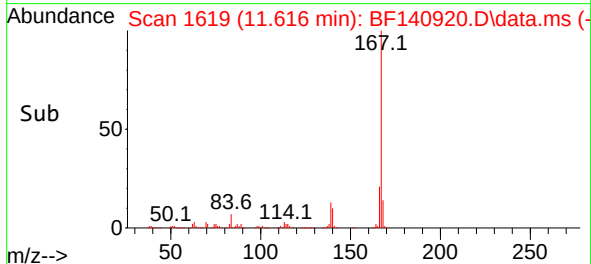
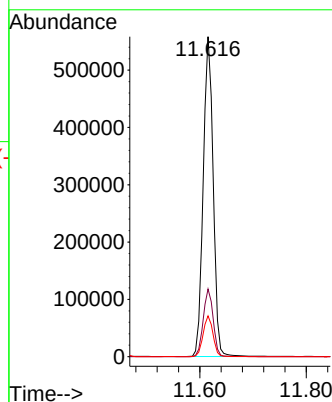
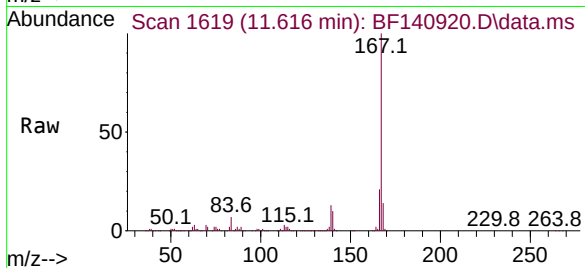
Tgt Ion:167 Resp: 723083

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

139 12.8 10.2 15.2



#74

Di-n-butylphthalate

Concen: 55.205 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

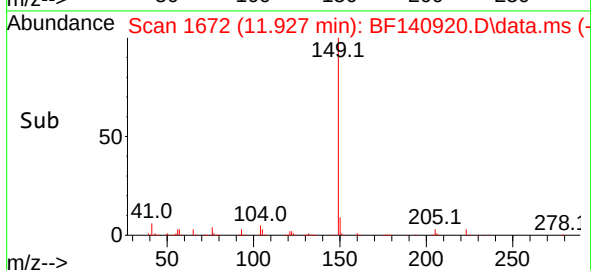
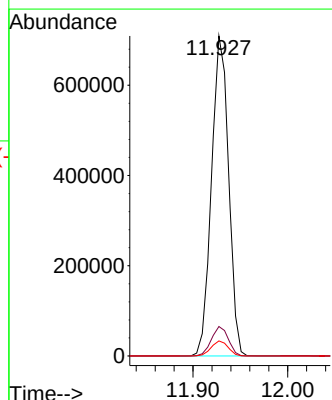
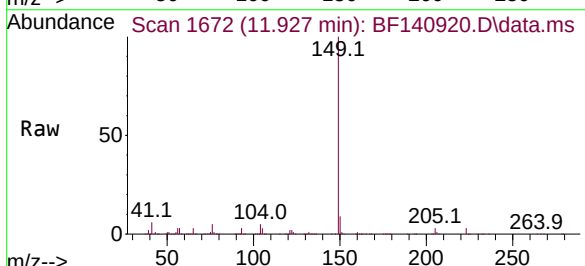
Tgt Ion:149 Resp: 888683

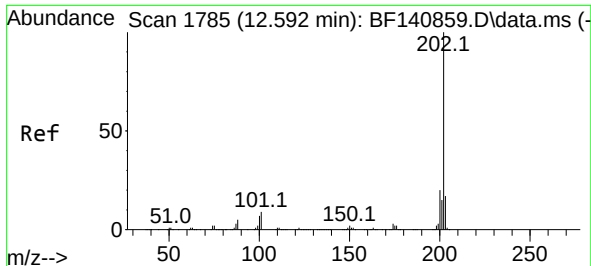
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.7 3.8 5.8

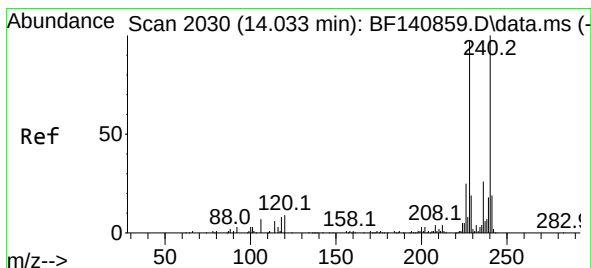
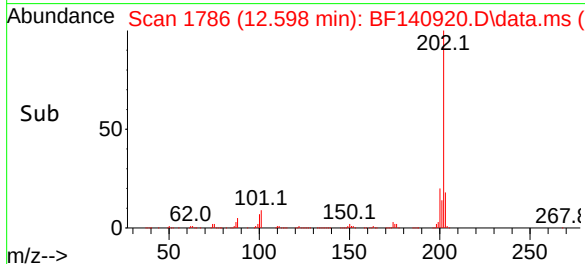
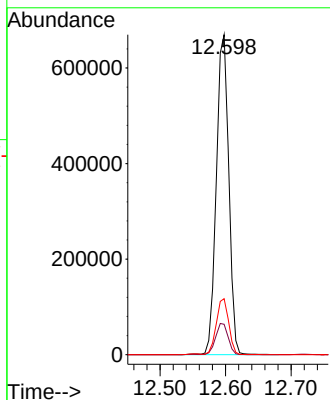
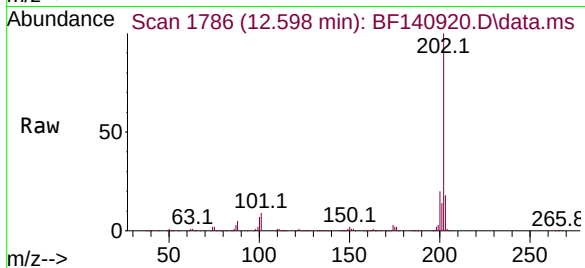




#75
Fluoranthene
Concen: 53.617 ng
RT: 12.598 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

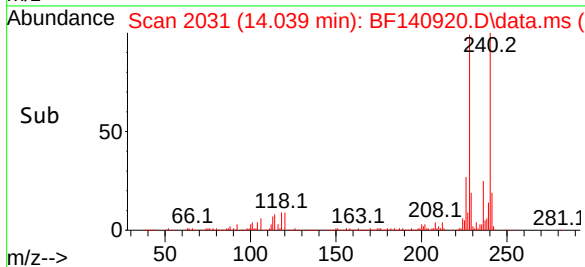
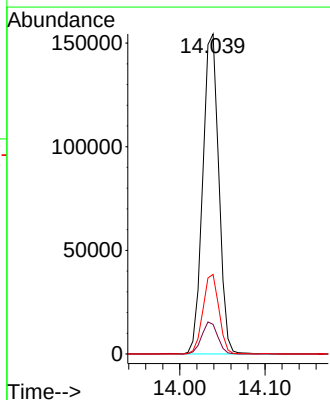
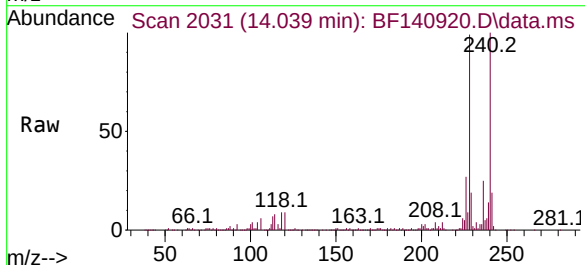
Instrument :
BNA_F
ClientSampleId :
PB165719BS

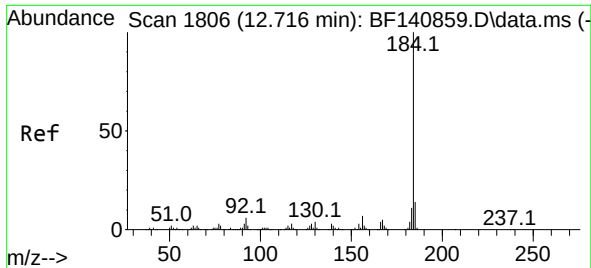
Tgt Ion:202 Resp: 878064
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:240 Resp: 202160
Ion Ratio Lower Upper
240 100
120 9.3 7.6 11.4
236 24.8 20.5 30.7

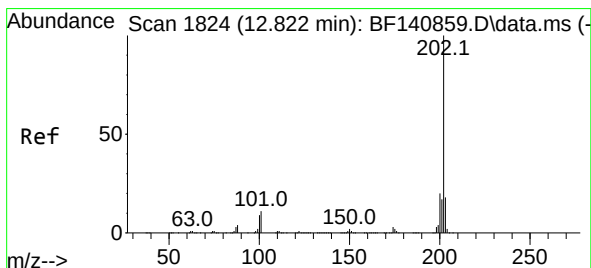
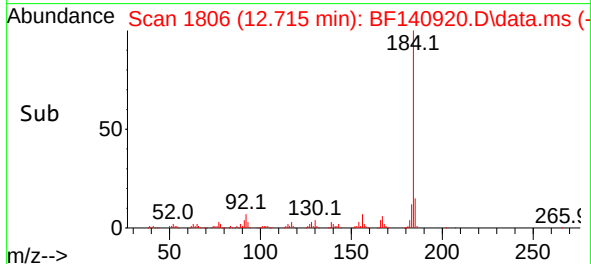
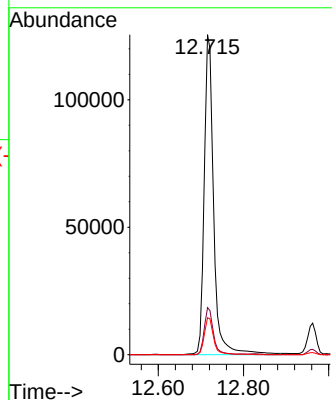
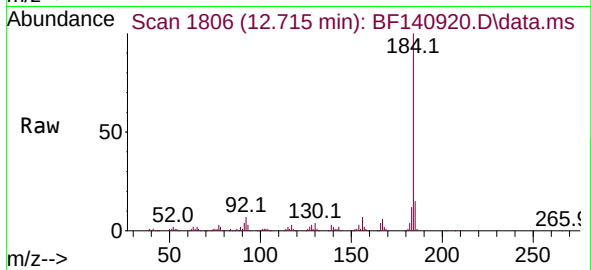




#77
Benzidine
Concen: 46.804 ng
RT: 12.715 min Scan# 1806
Delta R.T. -0.001 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

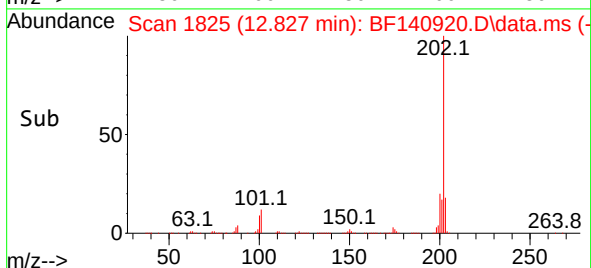
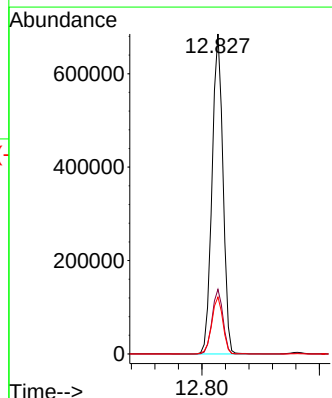
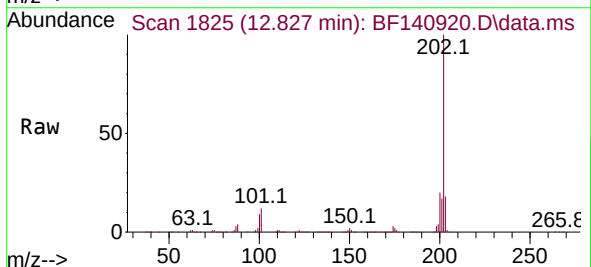
Instrument :
BNA_F
ClientSampleId :
PB165719BS

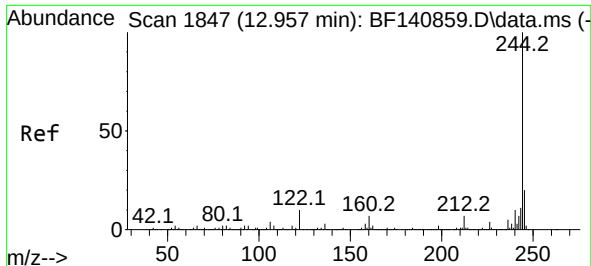
Tgt Ion:184 Resp: 193115
Ion Ratio Lower Upper
184 100
185 14.7 11.1 16.7
183 11.5 9.0 13.4



#78
Pyrene
Concen: 49.216 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:202 Resp: 884761
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.8 14.2 21.4

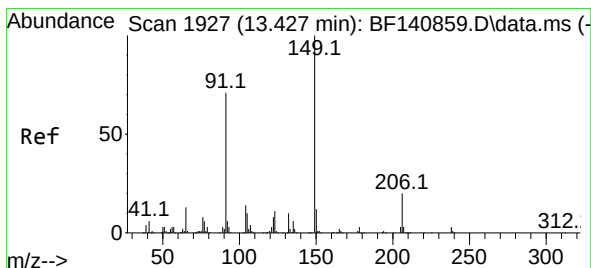
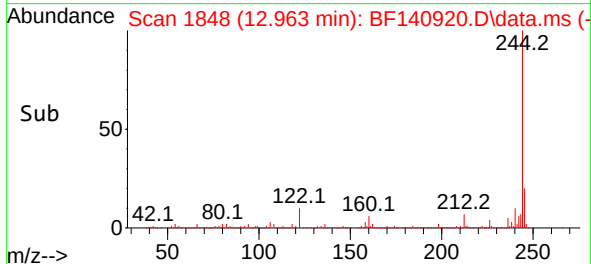
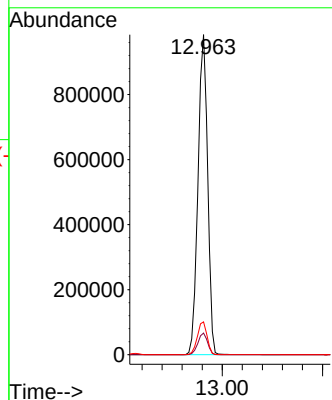
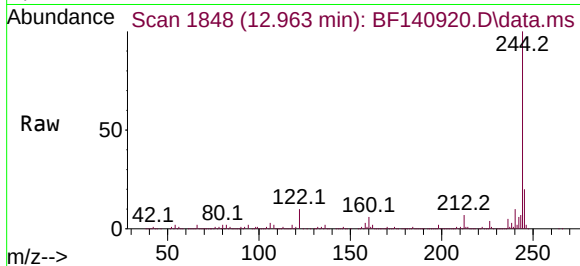




#79
 Terphenyl-d14
 Concen: 102.132 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140920.D
 Acq: 19 Dec 2024 12:30

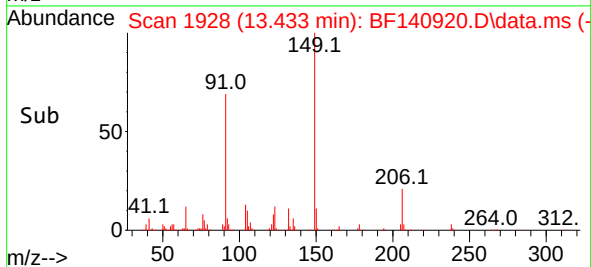
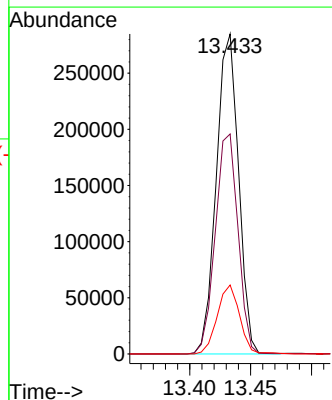
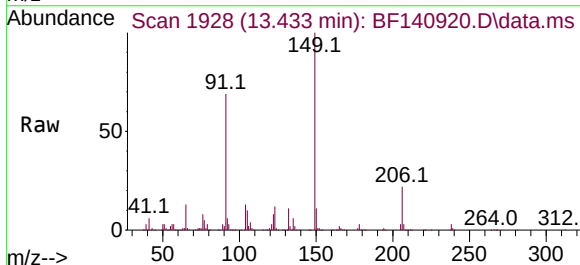
Instrument :
 BNA_F
 ClientSampleId :
 PB165719BS

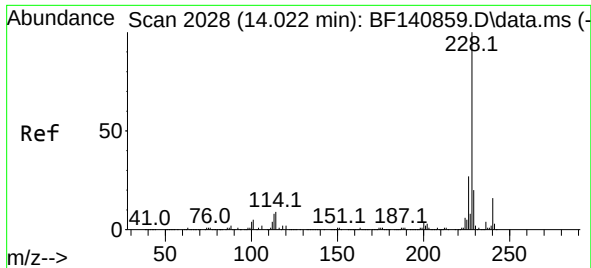
Tgt Ion:244 Resp: 1309363
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 54.792 ng
 RT: 13.433 min Scan# 1928
 Delta R.T. 0.006 min
 Lab File: BF140920.D
 Acq: 19 Dec 2024 12:30

Tgt Ion:149 Resp: 362433
 Ion Ratio Lower Upper
 149 100
 91 68.8 56.7 85.1
 206 21.6 16.4 24.6

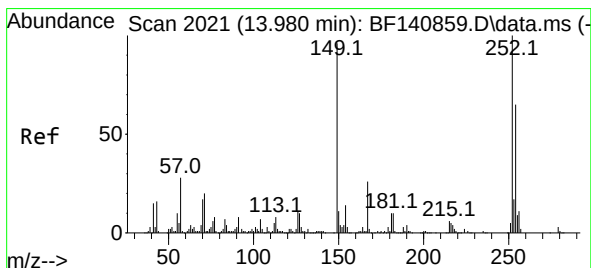
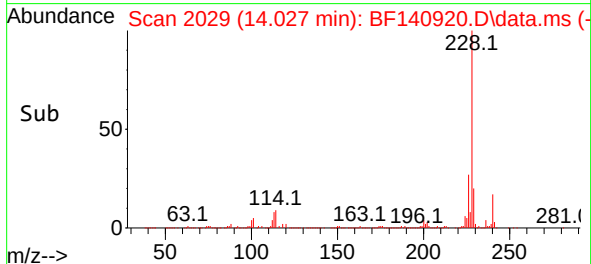
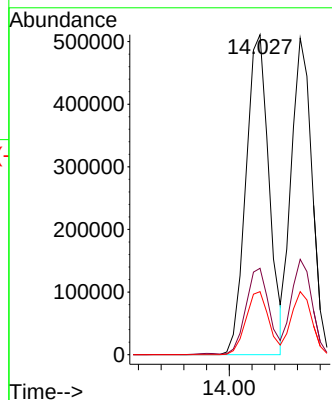
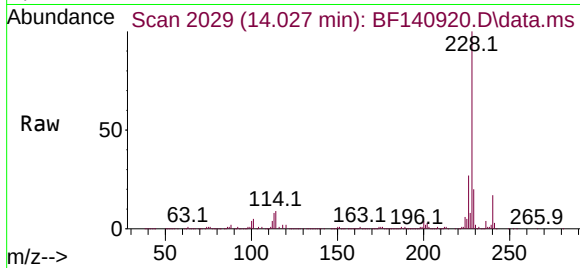




#81
Benzo(a)anthracene
Concen: 50.472 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

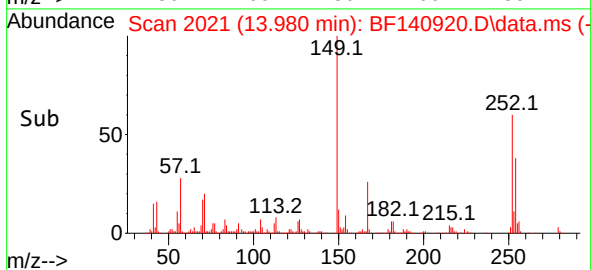
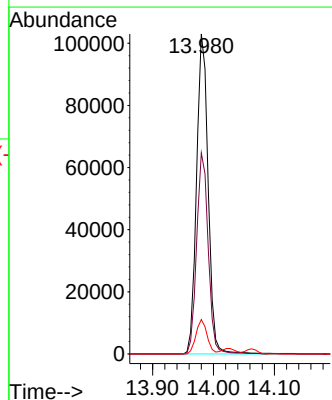
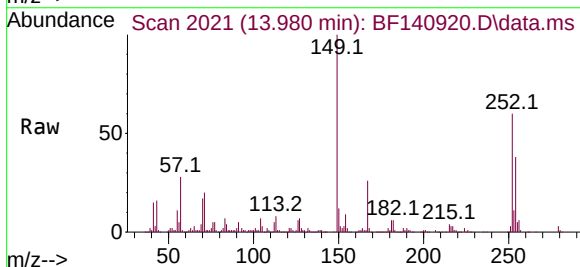
Instrument :
BNA_F
ClientSampleId :
PB165719BS

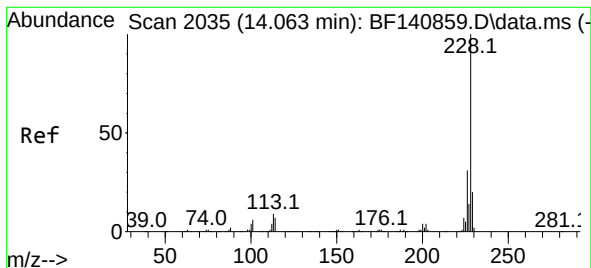
Tgt Ion:228 Resp: 723148
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 31.481 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:252 Resp: 136085
Ion Ratio Lower Upper
252 100
254 62.8 52.3 78.5
126 10.7 8.4 12.6





#83

Chrysene

Concen: 49.095 ng

RT: 14.062 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

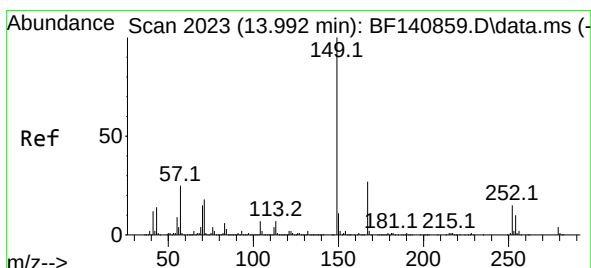
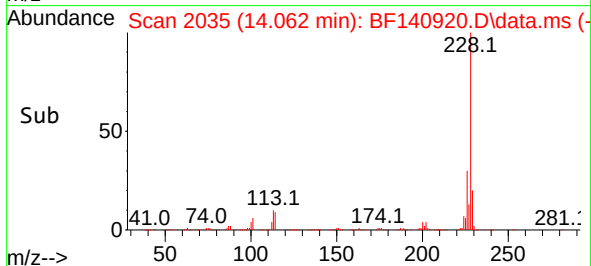
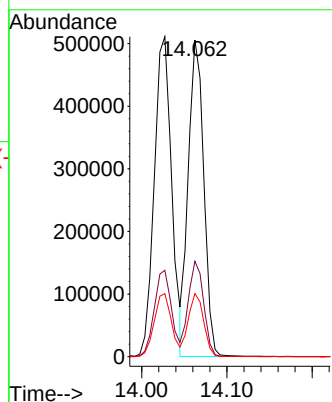
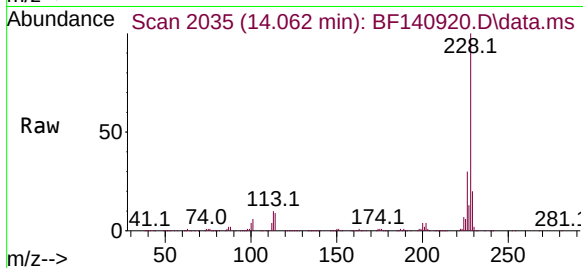
Tgt Ion:228 Resp: 639647

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.952 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

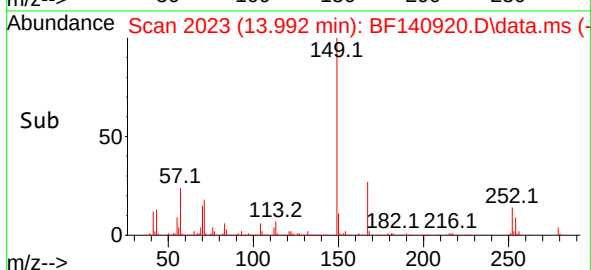
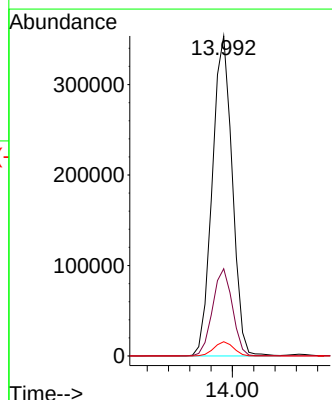
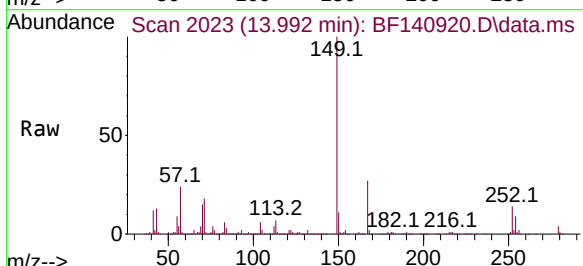
Tgt Ion:149 Resp: 460166

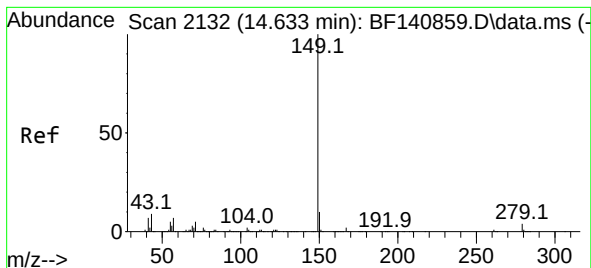
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 47.271 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

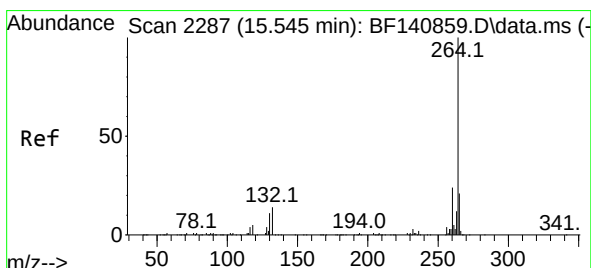
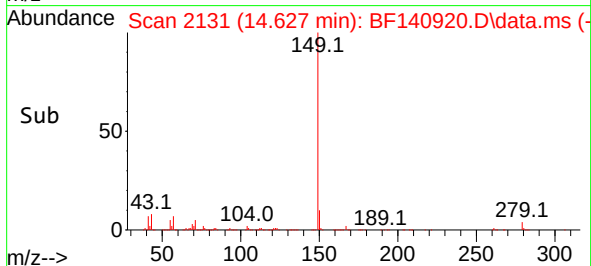
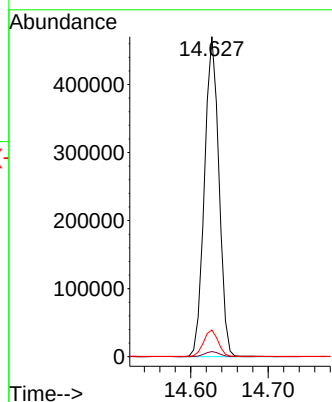
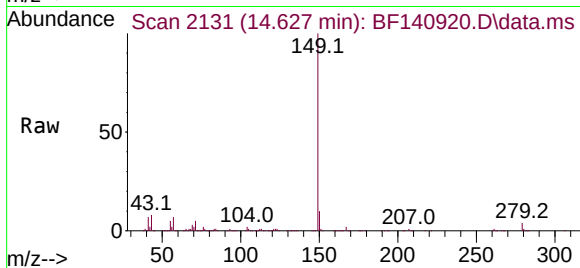
Tgt Ion:149 Resp: 609980

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

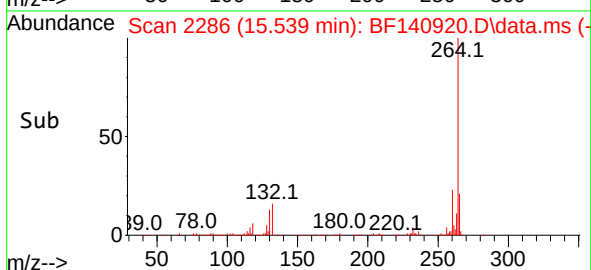
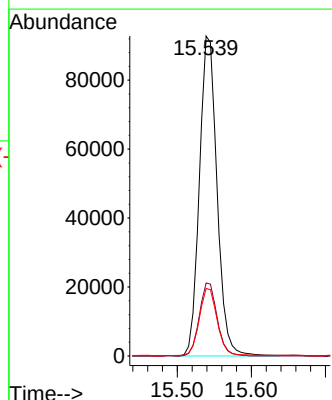
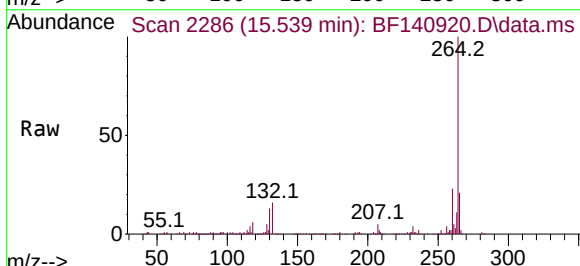
Tgt Ion:264 Resp: 153304

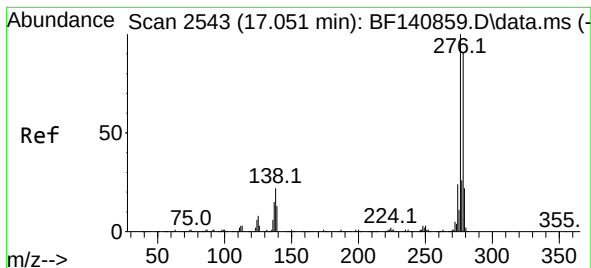
Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.900 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

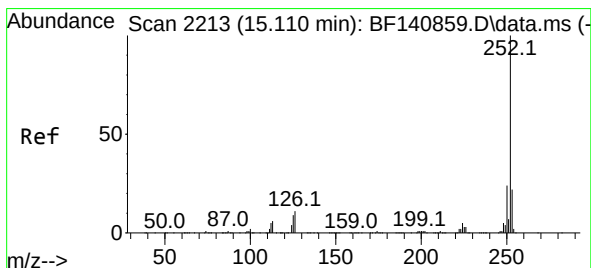
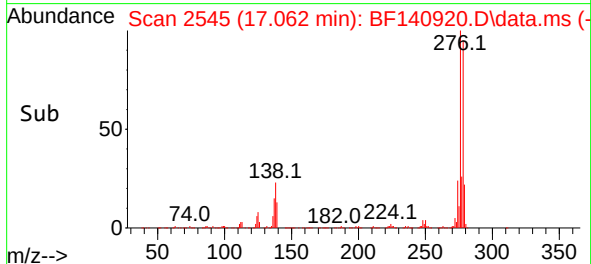
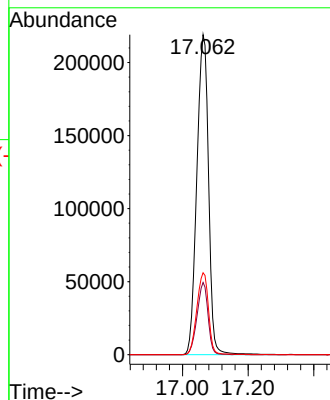
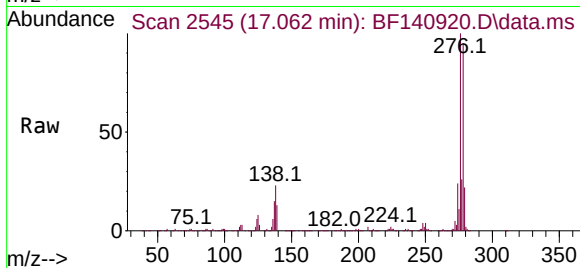
Tgt Ion:276 Resp: 544345

Ion Ratio Lower Upper

276 100

138 21.0 16.9 25.3

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 49.097 ng

RT: 15.109 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

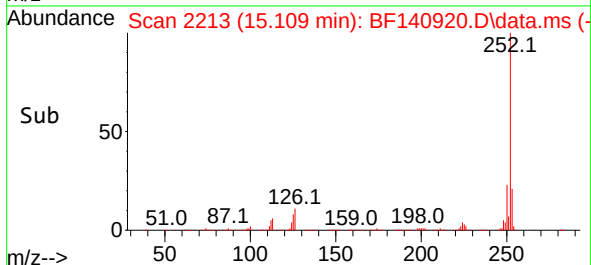
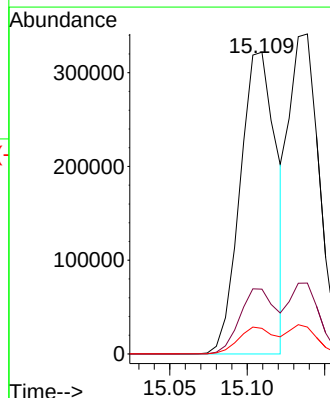
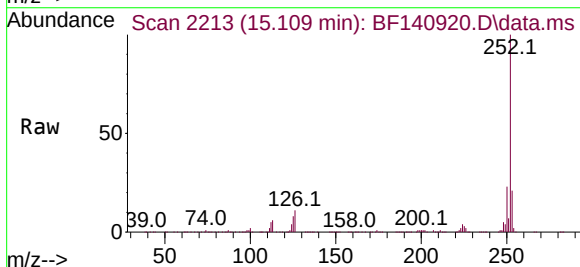
Tgt Ion:252 Resp: 522468

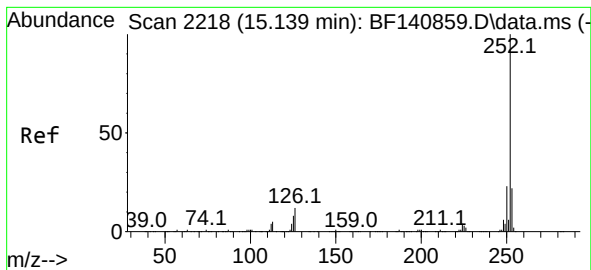
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 50.887 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

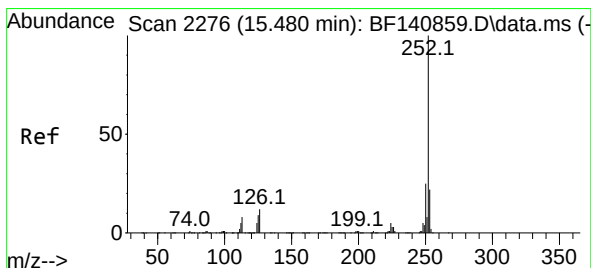
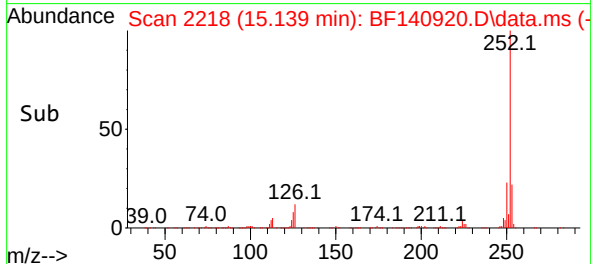
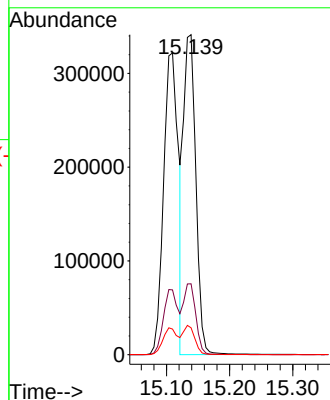
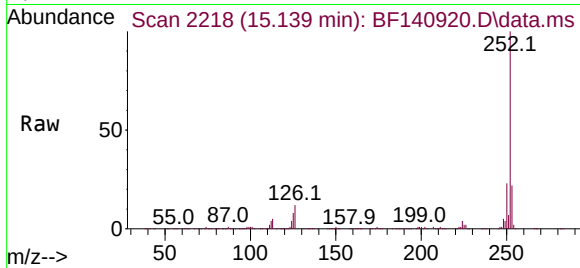
Tgt Ion:252 Resp: 464512

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 8.4 6.8 10.2



#90

Benzo(a)pyrene

Concen: 54.870 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

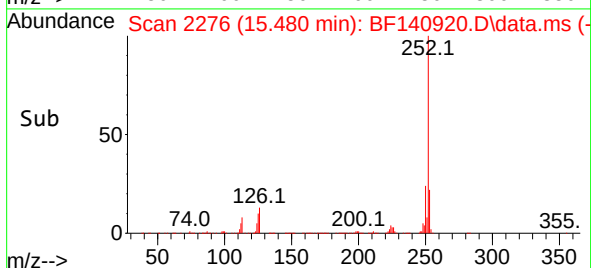
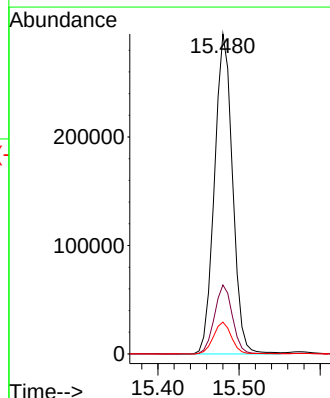
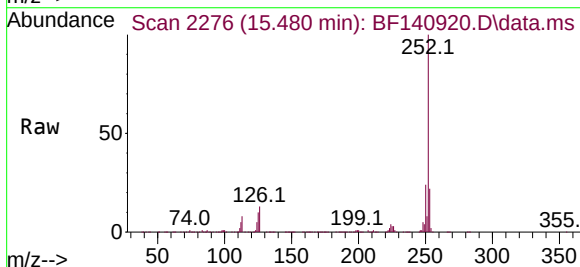
Tgt Ion:252 Resp: 457218

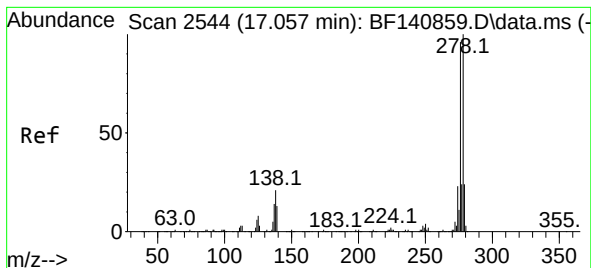
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.9 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 56.329 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

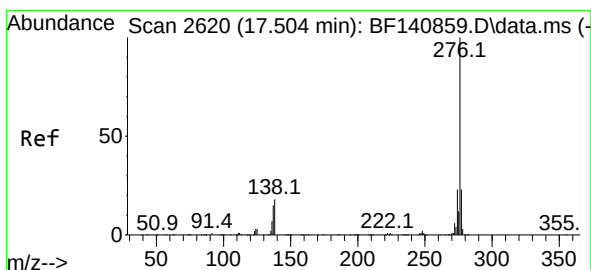
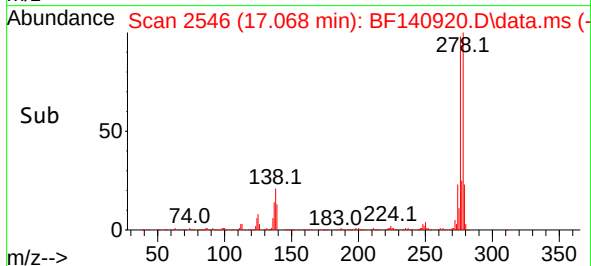
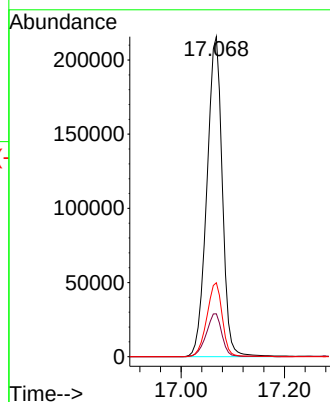
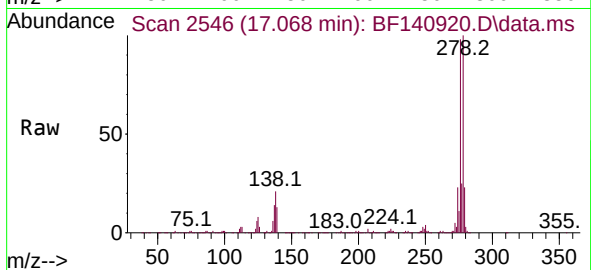
Tgt Ion:278 Resp: 446441

Ion Ratio Lower Upper

278 100

139 13.4 10.6 16.0

279 23.1 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 52.182 ng

RT: 17.515 min Scan# 2622

Delta R.T. 0.012 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Tgt Ion:276 Resp: 420924

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 18.4 14.2 21.2

