

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140345.D
 Acq On : 13 Nov 2024 16:40
 Operator : RC/JU
 Sample : P3845-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Quant Time: Nov 13 17:19:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	135927	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	521483	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	291001	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	534019	20.000	ng	0.00
76) Chrysene-d12	14.080	240	320922	20.000	ng	0.03
86) Perylene-d12	15.621	264	276076	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1097292	137.831	ng	0.00
7) Phenol-d6	6.510	99	1533295	142.156	ng	0.00
23) Nitrobenzene-d5	7.439	82	995732	99.486	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	411701	142.271	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1728492	95.485	ng	0.00
79) Terphenyl-d14	12.992	244	2021563	109.342	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.428	42	518523	117.613	ng	98
6) Aniline	6.616	93	945580	100.777	ng	# 54
11) bis(2-Chloroethyl)ether	6.616	93	945580	109.713	ng	98
12) 1,3-Dichlorobenzene	6.822	146	1155625	122.476	ng	98
13) 1,4-Dichlorobenzene	6.822	146	1155625	120.787	ng	97
14) 1,2-Dichlorobenzene	6.822	146	1155625	130.110	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	837740	70.371	ng	99
18) Hexachloroethane	7.392	117	398527	112.675	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	753459	115.662	ng	99
24) Nitrobenzene	7.457	77	225776	21.666	ng	99
25) Isophorone	7.439	82	995042	56.095	ng	# 66
31) Naphthalene	8.181	128	3185954	120.434	ng	98
33) 4-Chloroaniline	8.181	127	437354	47.539	ng	# 32
34) Hexachlorobutadiene	8.292	225	353570	68.123	ng	99
37) 2-Methylnaphthalene	8.869	142	1370865	80.817	ng	100
38) 1-Methylnaphthalene	8.975	142	2170313	130.658	ng	100
41) Hexachlorocyclopentadiene	9.022	237	723777	350.306	ng	99
49) Acenaphthylene	9.780	152	3065708	125.646	ng	98
51) 2,6-Dinitrotoluene	9.698	165	367918	85.084	ng	96
52) Acenaphthene	9.945	154	328135	19.911	ng	100
53) 3-Nitroaniline	9.863	138	27688	6.097	ng	# 97
55) Dibenzofuran	10.122	168	1283563	55.019	ng	100
56) 4-Nitrophenol	10.122	139	492725	148.751	ng	# 5
57) 2,4-Dinitrotoluene	10.104	165	367514	64.578	ng	99
58) Fluorene	10.475	166	2576051	139.776	ng	99
60) Diethylphthalate	10.339	149	1561064	80.486	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	324466	35.661	ng	99
62) 4-Nitroaniline	10.469	138	30863	6.647	ng	# 20
63) Azobenzene	10.575	77	152554	7.961	ng	# 5
66) n-Nitrosodiphenylamine	10.575	169	1261321	81.747	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	11277	2.113	ng	# 1
68) Hexachlorobenzene	11.016	284	771805	128.503	ng	98
71) Phenanthrene	11.480	178	2289055	91.249	ng	99
72) Anthracene	11.480	178	2289055	93.105	ng	99
75) Fluoranthene	12.845	202	929647	33.032	ng	98
77) Benzdine	12.992	184	27795	2.257	ng	# 92

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

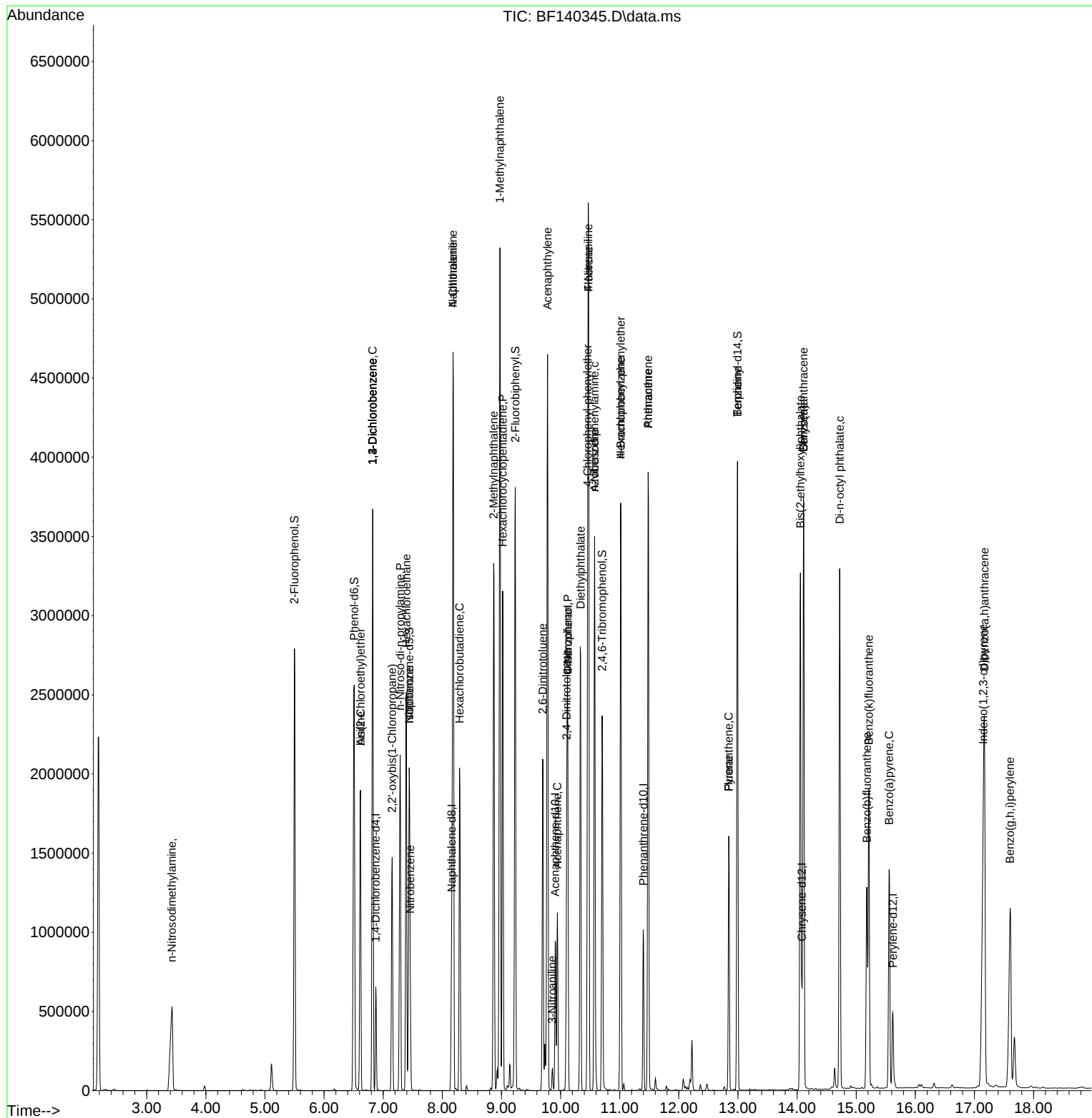
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	12.845	202	930946	33.913	ng	100
81) Benzo(a)anthracene	14.110	228	2126934	100.842	ng	96
83) Chrysene	14.110	228	2126934	110.522	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	1277183	90.738	ng	98
85) Di-n-octyl phthalate	14.721	149	2318732	116.967	ng	100
87) Indeno(1,2,3-cd)pyrene	17.151	276	1861642	109.162	ng	100
88) Benzo(b)fluoranthene	15.180	252	771191	42.703	ng	99
89) Benzo(k)fluoranthene	15.215	252	1149520	77.916	ng	99
90) Benzo(a)pyrene	15.557	252	918715	65.508	ng	99
91) Dibenzo(a,h)anthracene	17.168	278	1351813	95.896	ng	99
92) Benzo(g,h,i)perylene	17.603	276	1175181	81.545	ng	99

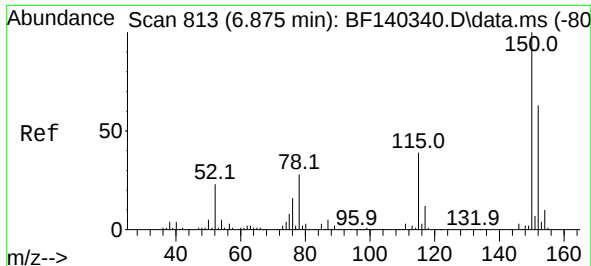
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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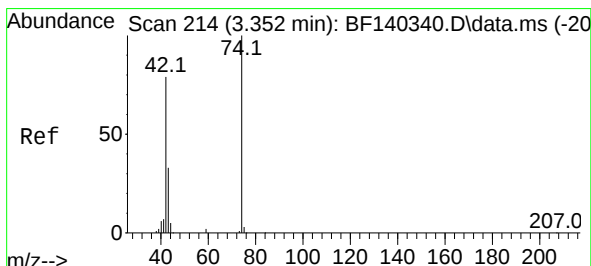
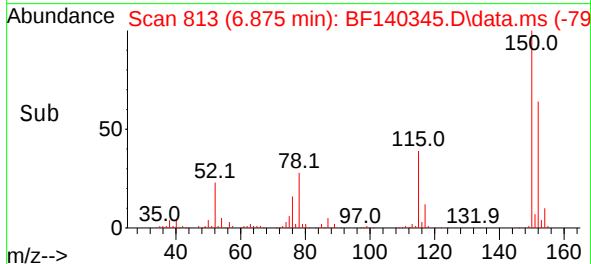
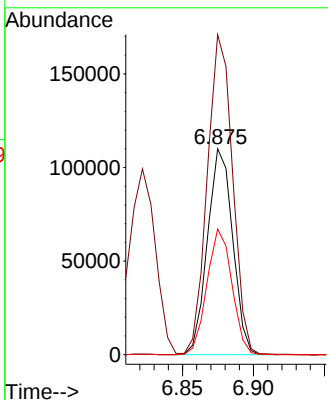
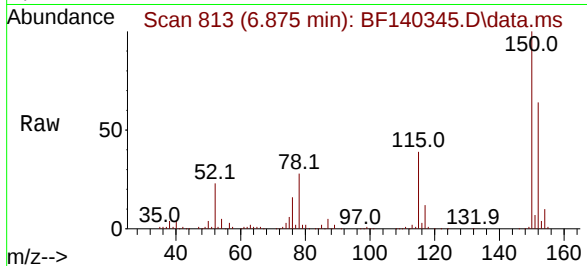




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

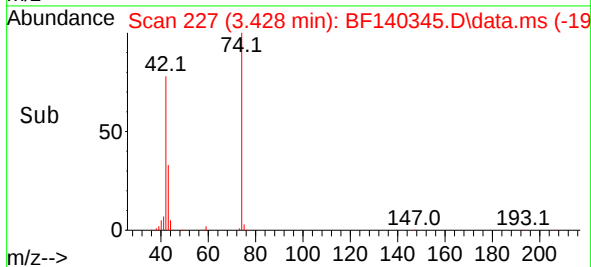
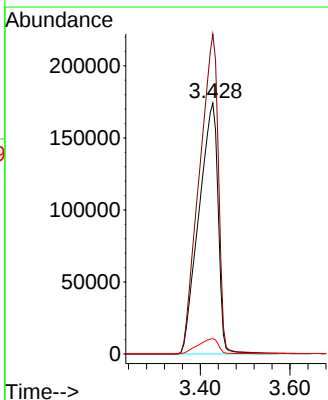
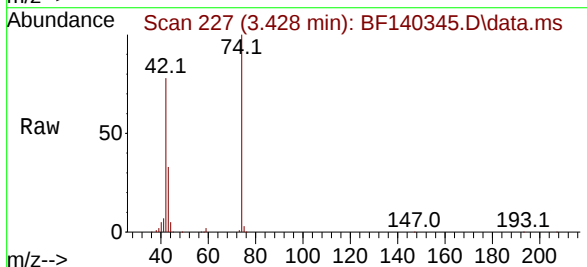
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

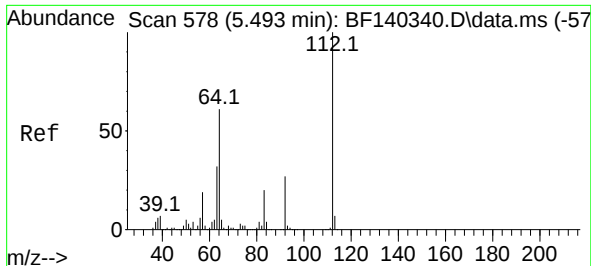
Tgt Ion:152 Resp: 135927
Ion Ratio Lower Upper
152 100
150 155.4 127.4 191.0
115 61.0 47.4 71.2



#4
n-Nitrosodimethylamine
Concen: 117.613 ng
RT: 3.428 min Scan# 227
Delta R.T. 0.070 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

Tgt Ion: 42 Resp: 518523
Ion Ratio Lower Upper
42 100
74 127.5 103.5 155.3
44 6.1 5.1 7.7

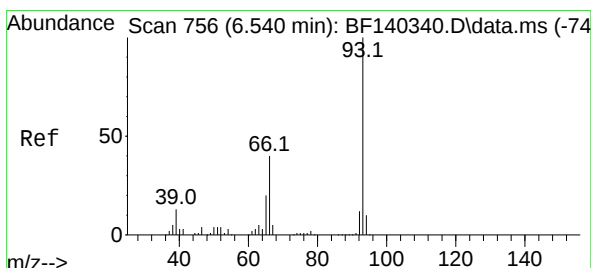
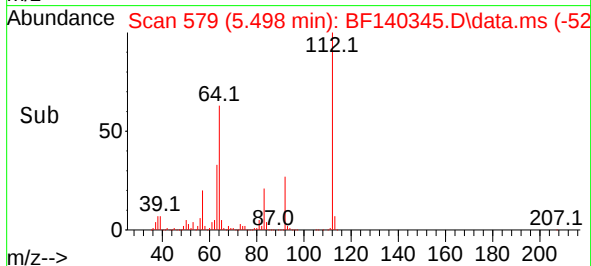
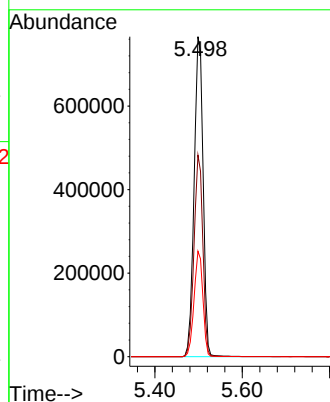
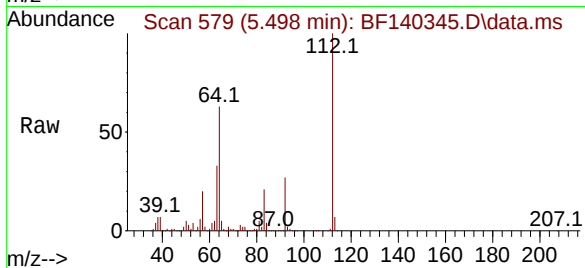




#5
2-Fluorophenol
Concen: 137.831 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

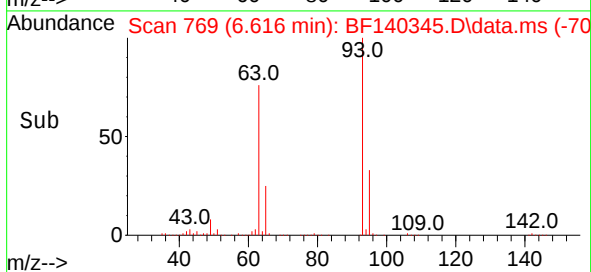
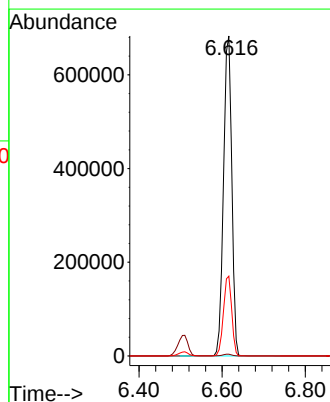
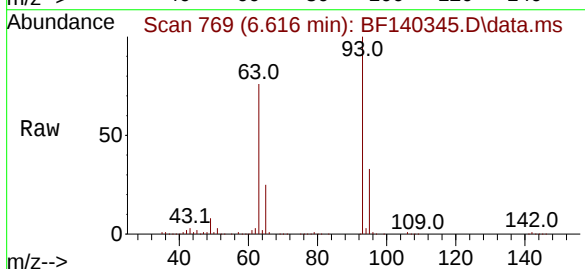
Instrument :
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ClientSampleId :
PT-BN-WP

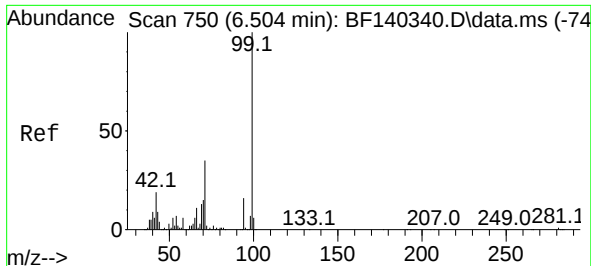
Tgt Ion:112 Resp: 1097292
Ion Ratio Lower Upper
112 100
64 63.0 49.2 73.8
63 33.0 25.6 38.4



#6
Aniline
Concen: 100.777 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.076 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

Tgt Ion: 93 Resp: 945580
Ion Ratio Lower Upper
93 100
66 0.6 32.8 49.2#
65 25.0 16.6 25.0#

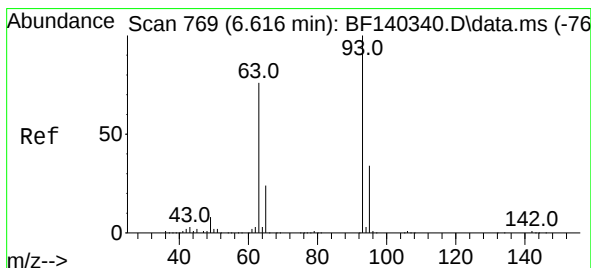
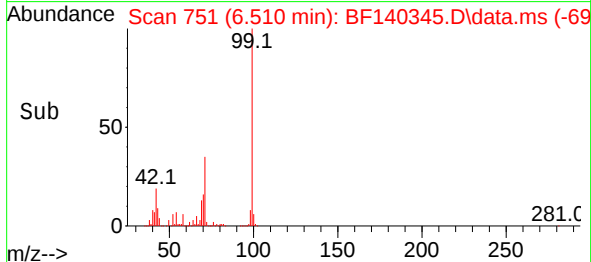
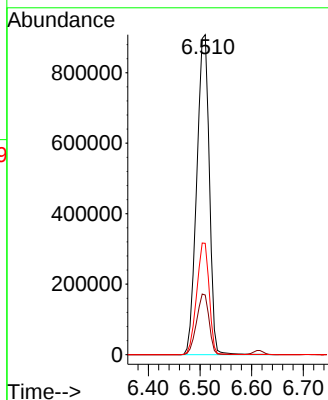
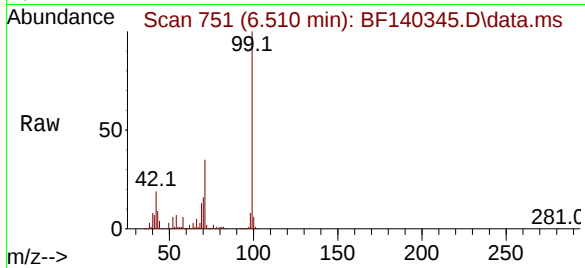




#7
Phenol-d6
Concen: 142.156 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

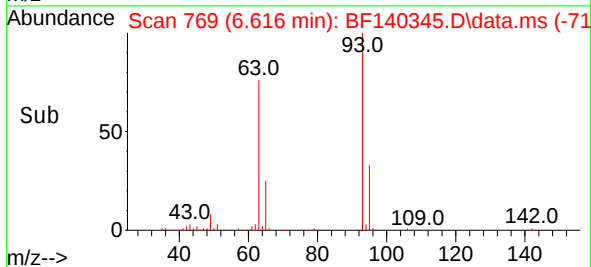
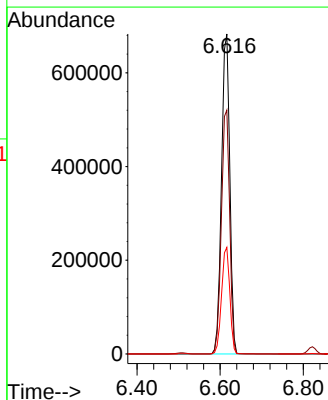
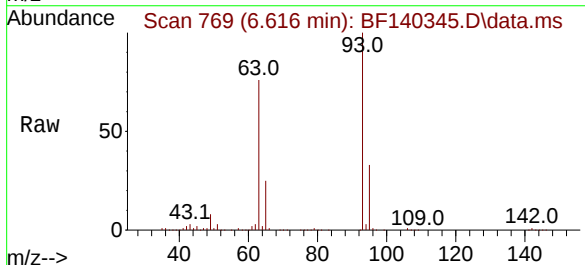
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

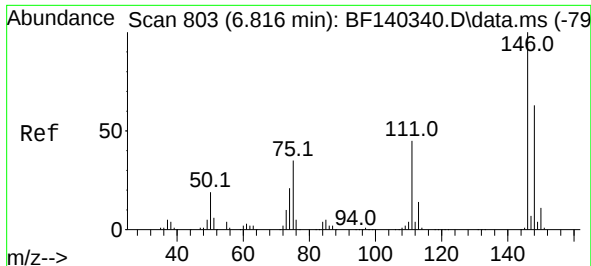
Tgt Ion: 99 Resp: 1533295
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 34.8 27.9 41.9



#11
bis(2-Chloroethyl)ether
Concen: 109.713 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

Tgt Ion: 93 Resp: 945580
Ion Ratio Lower Upper
93 100
63 76.2 54.0 94.0
95 33.3 12.9 52.9

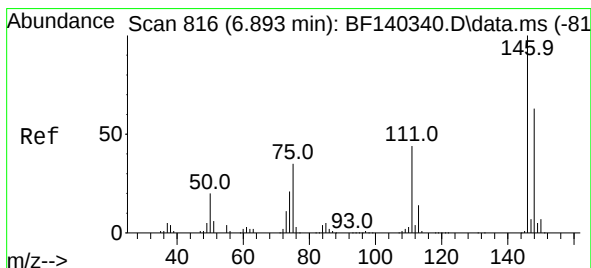
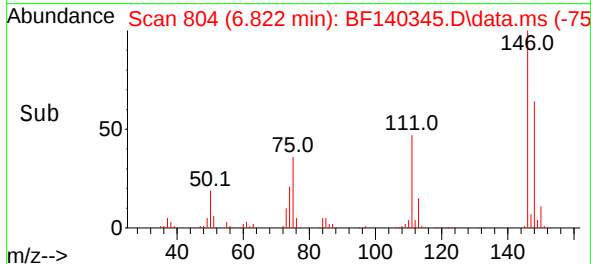
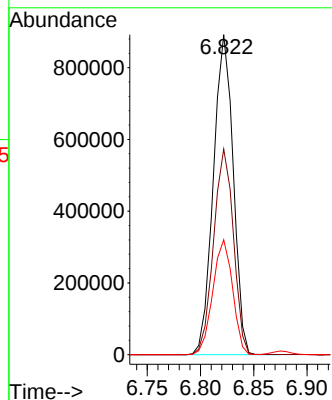
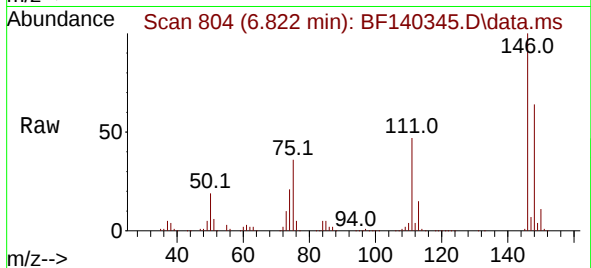




#12
1,3-Dichlorobenzene
Concen: 122.476 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

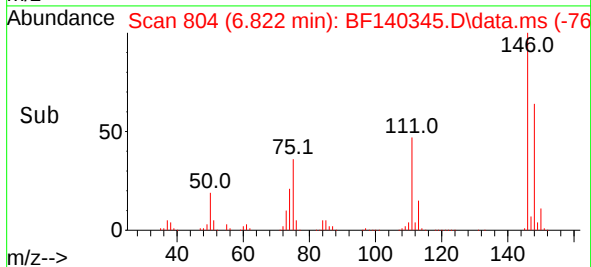
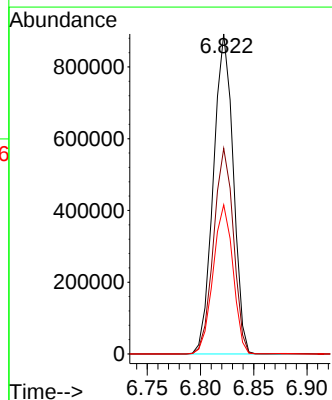
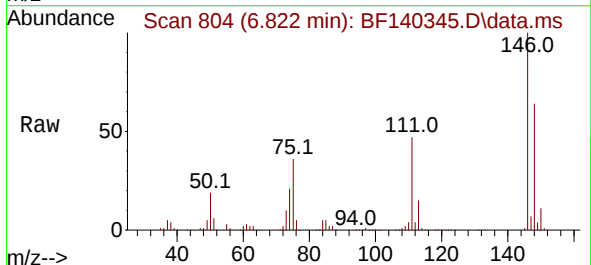
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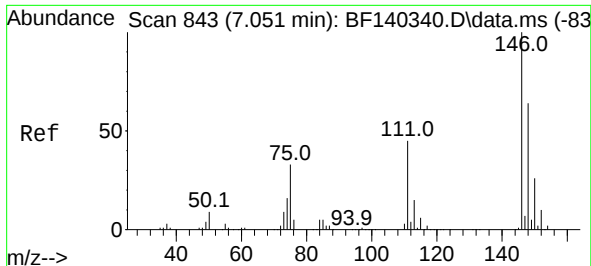
Tgt Ion:146 Resp: 1155625
Ion Ratio Lower Upper
146 100
148 64.3 50.7 76.1
75 35.9 26.4 39.6



#13
1,4-Dichlorobenzene
Concen: 120.787 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.077 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

Tgt Ion:146 Resp: 1155625
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 46.6 34.2 51.2





#14

1,2-Dichlorobenzene

Concen: 130.110 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.230 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

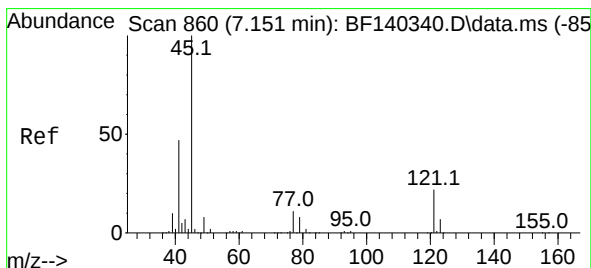
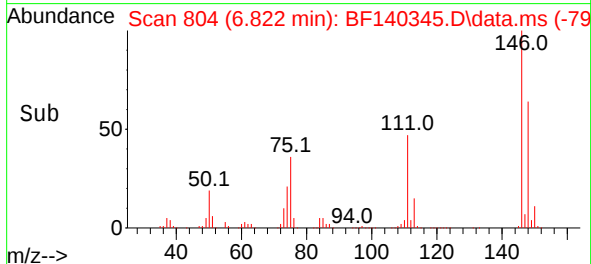
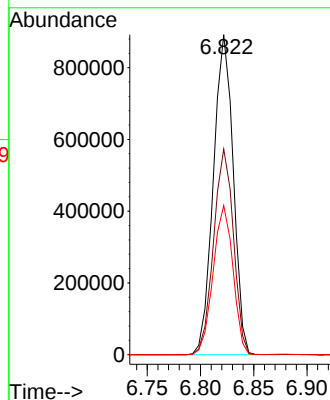
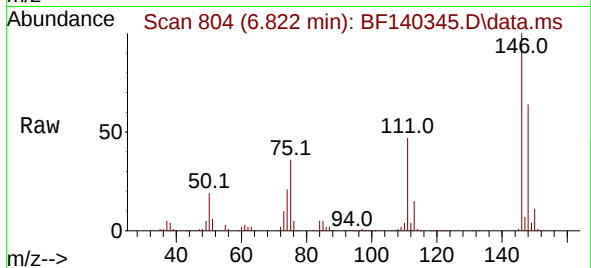
Tgt Ion:146 Resp: 1155625

Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

111 46.6 36.5 54.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 70.371 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

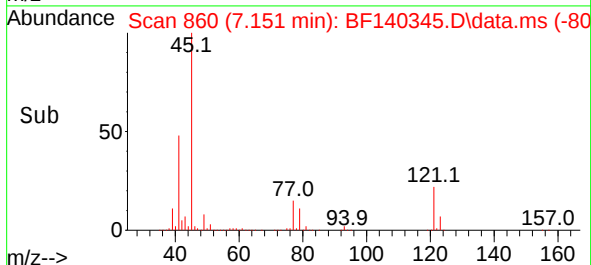
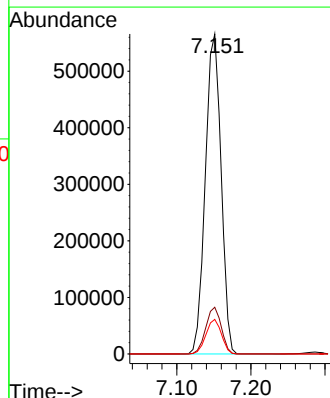
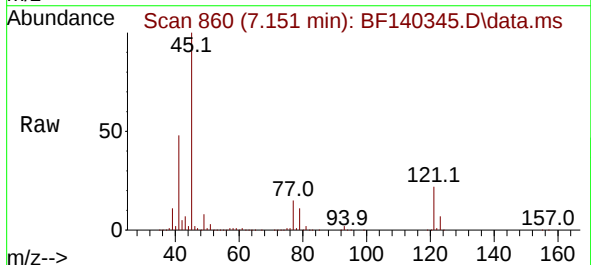
Tgt Ion: 45 Resp: 837740

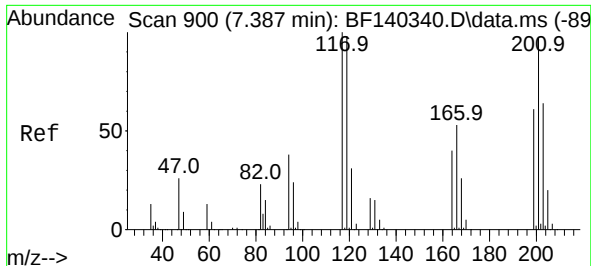
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.8

79 10.8 0.0 31.4





#18

Hexachloroethane

Concen: 112.675 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF140345.D

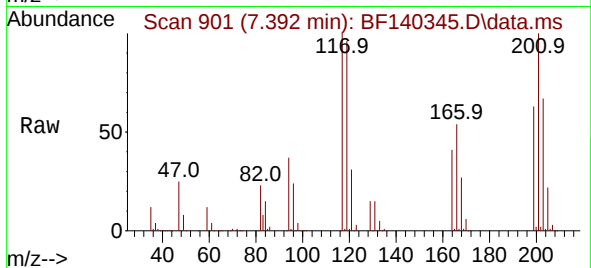
Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP



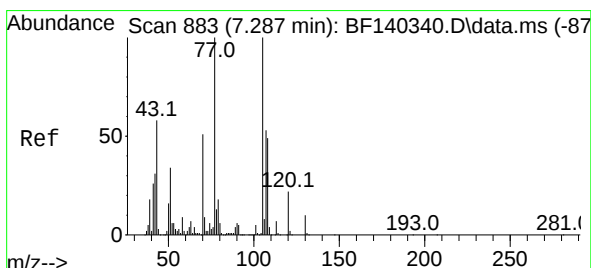
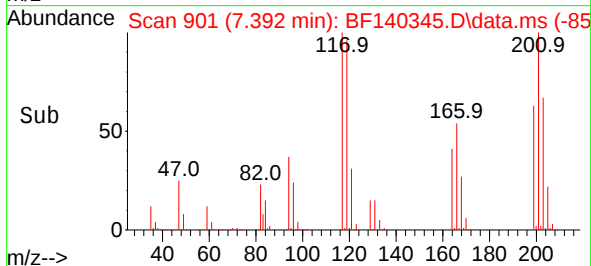
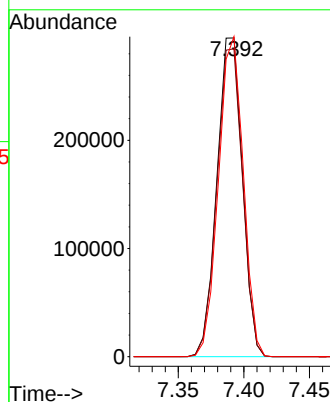
Tgt Ion:117 Resp: 398527

Ion Ratio Lower Upper

117 100

119 96.6 76.9 115.3

201 100.4 80.2 120.4



#19

n-Nitroso-di-n-propylamine

Concen: 115.662 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Tgt Ion: 70 Resp: 753459

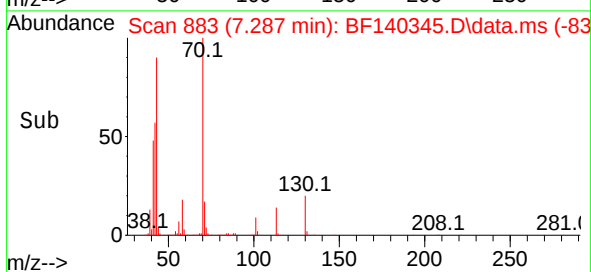
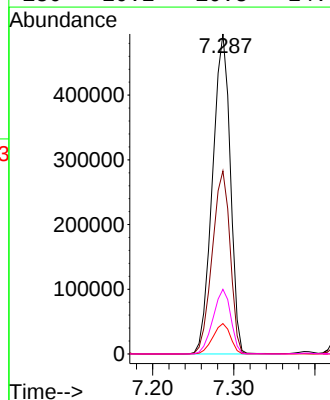
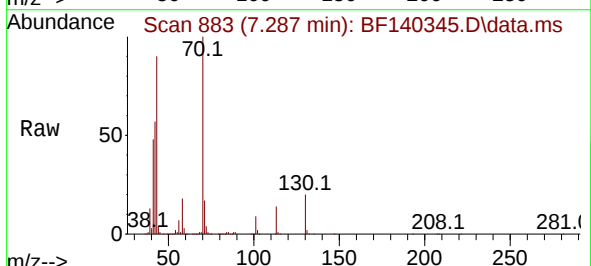
Ion Ratio Lower Upper

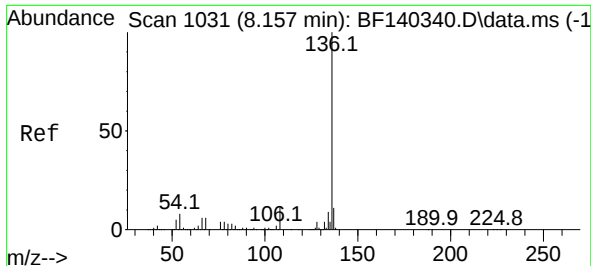
70 100

42 57.2 46.8 70.2

101 9.5 7.5 11.3

130 20.2 16.3 24.5



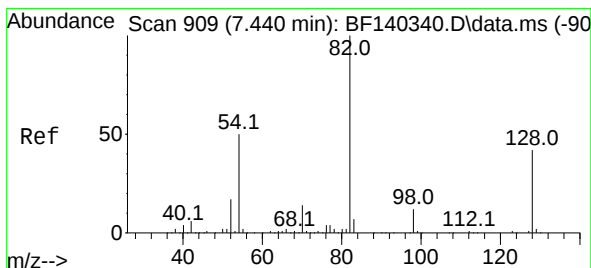
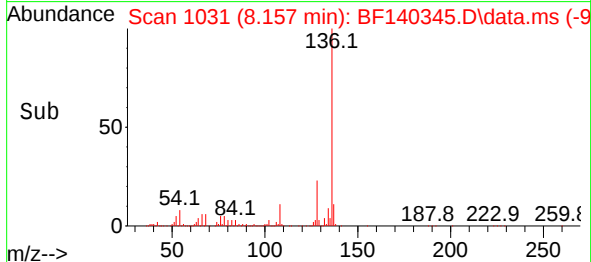
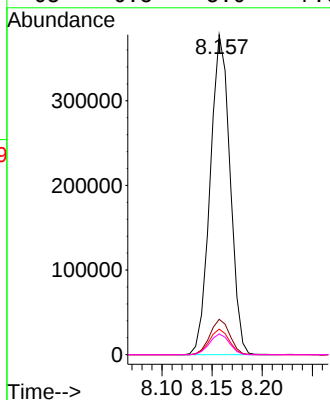
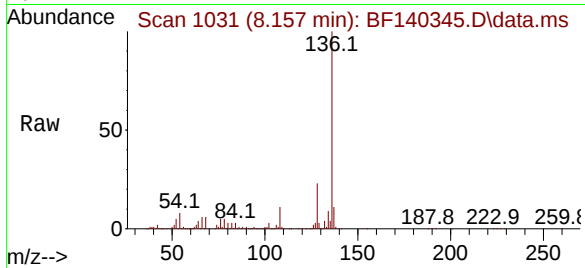


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

Tgt Ion:136 Resp: 521483

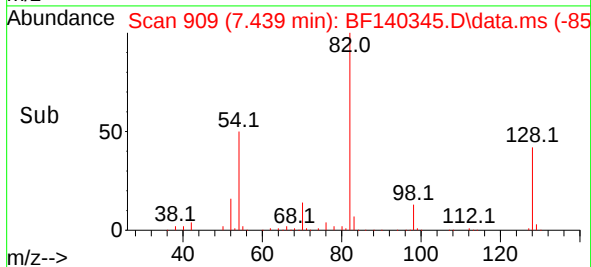
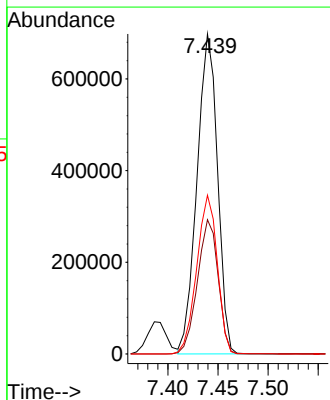
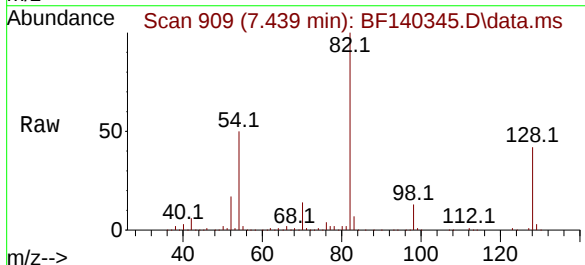
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.0	6.5	9.7
68	6.5	5.0	7.6

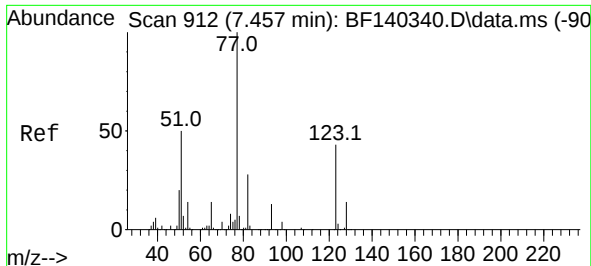


#23
Nitrobenzene-d5
Concen: 99.486 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

Tgt Ion: 82 Resp: 995732

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.3	49.9
54	49.6	39.8	59.8





#24

Nitrobenzene

Concen: 21.666 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

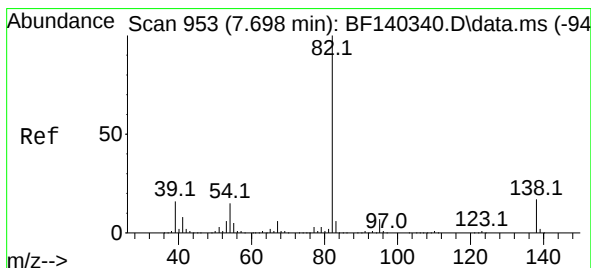
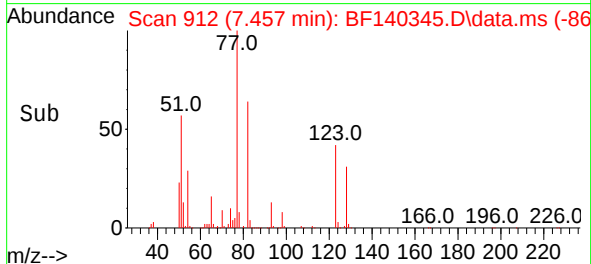
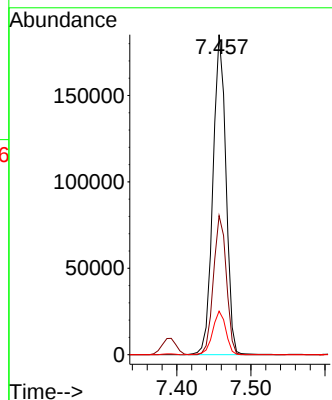
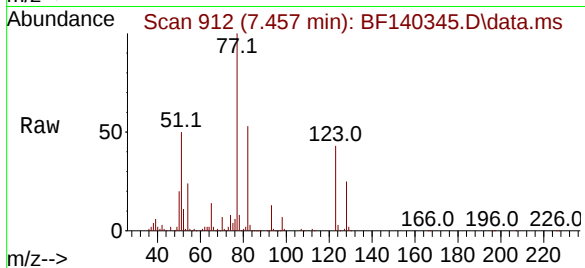
Tgt Ion: 77 Resp: 225776

Ion Ratio Lower Upper

77 100

123 43.5 35.4 53.0

65 13.6 11.1 16.7



#25

Isophorone

Concen: 56.095 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.259 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

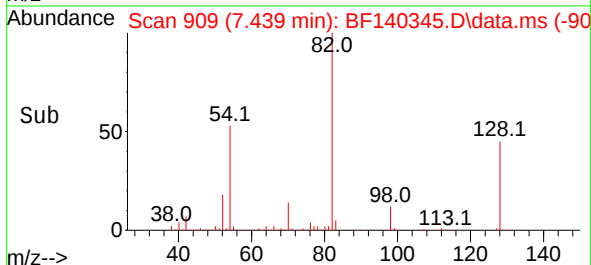
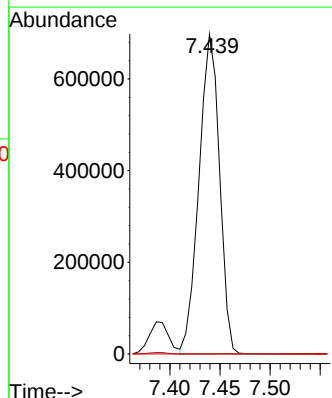
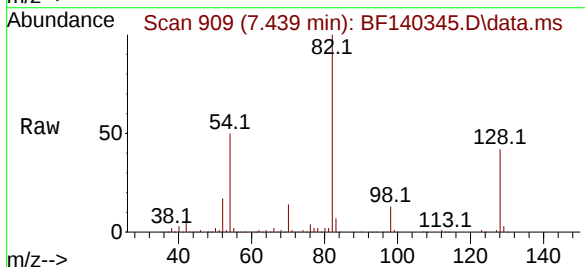
Tgt Ion: 82 Resp: 995042

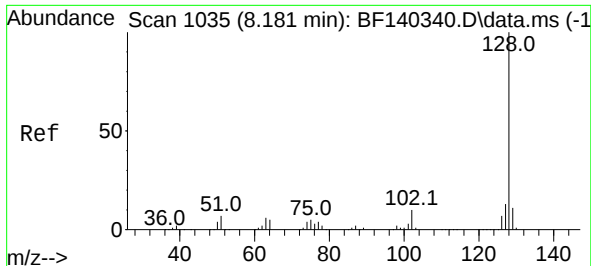
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 13.4 20.2#

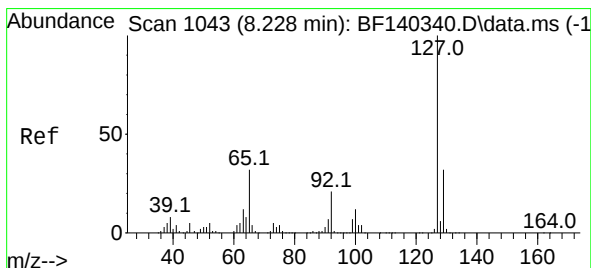
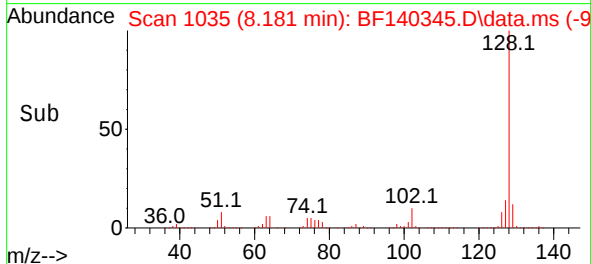
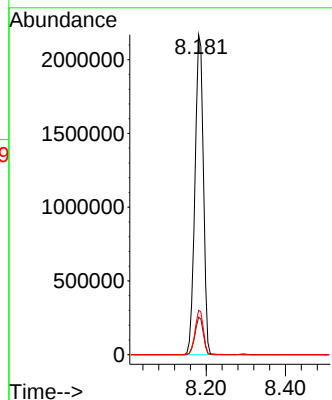
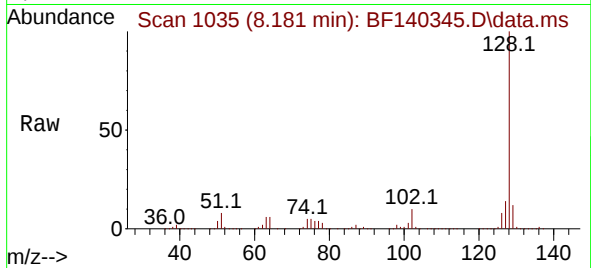




#31
Naphthalene
Concen: 120.434 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

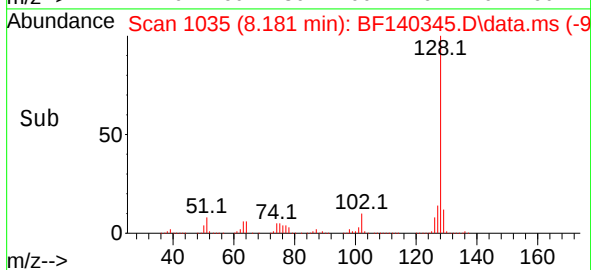
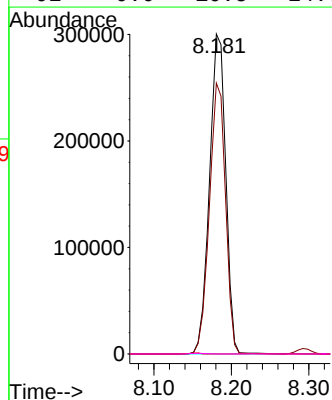
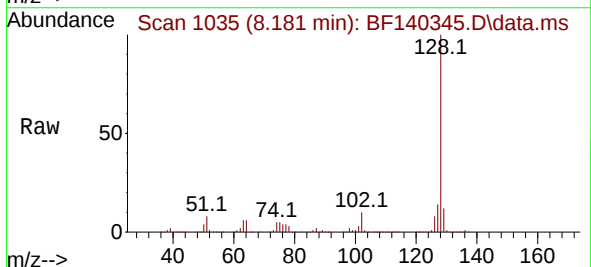
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

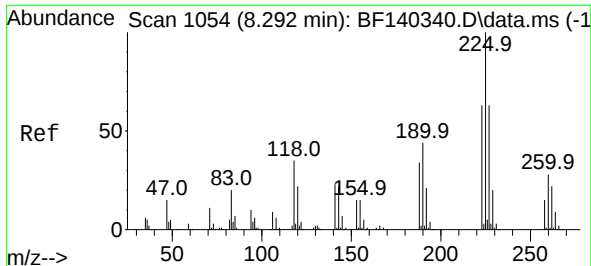
Tgt Ion:128 Resp: 3185954
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.9 10.6 15.8



#33
4-Chloroaniline
Concen: 47.539 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.047 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

Tgt Ion:127 Resp: 437354
Ion Ratio Lower Upper
127 100
129 84.6 26.2 39.4#
65 0.0 25.8 38.6#
92 0.0 16.5 24.7#

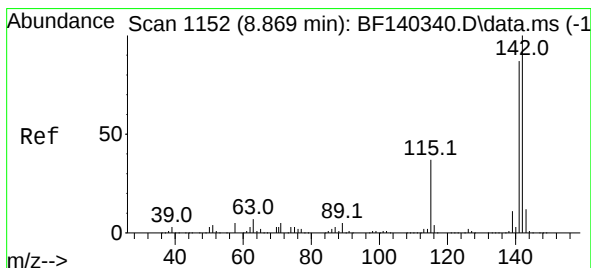
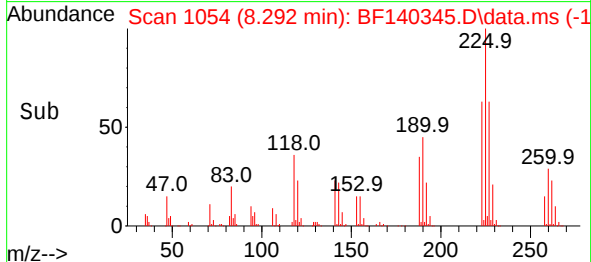
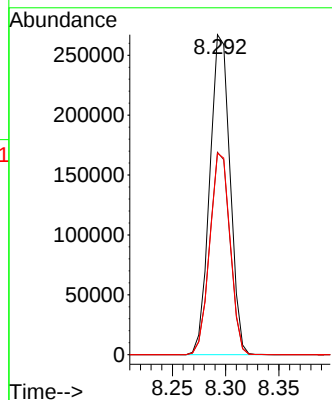
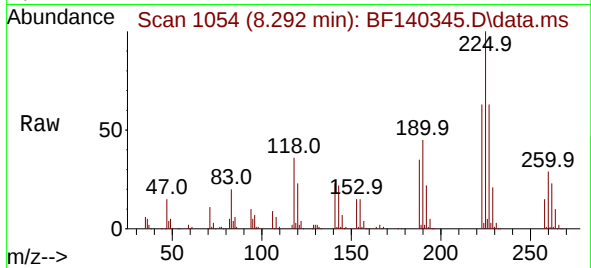




#34
Hexachlorobutadiene
Concen: 68.123 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

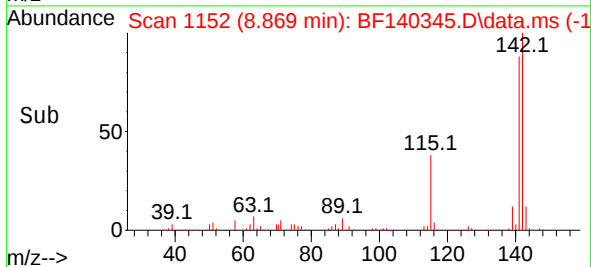
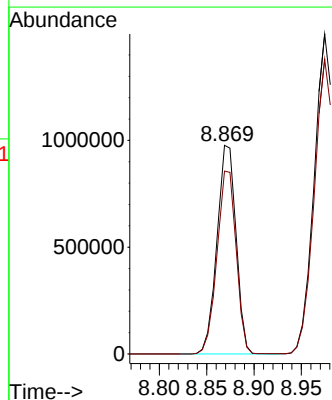
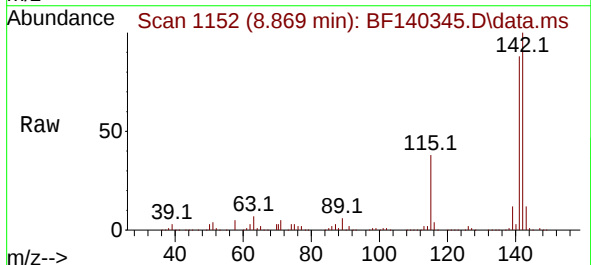
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

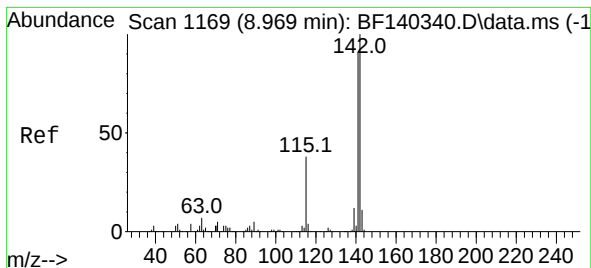
Tgt Ion:225 Resp: 353570
Ion Ratio Lower Upper
225 100
223 63.3 50.1 75.1
227 63.0 51.3 76.9



#37
2-Methylnaphthalene
Concen: 80.817 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

Tgt Ion:142 Resp: 1370865
Ion Ratio Lower Upper
142 100
141 87.6 70.4 105.6





#38

1-Methylnaphthalene

Concen: 130.658 ng

RT: 8.975 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

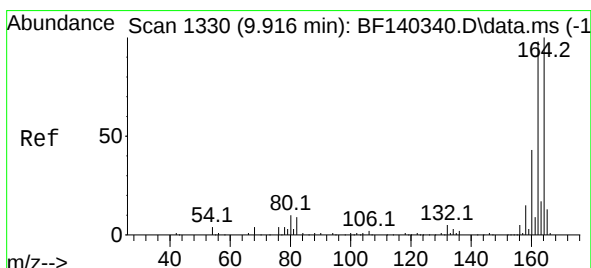
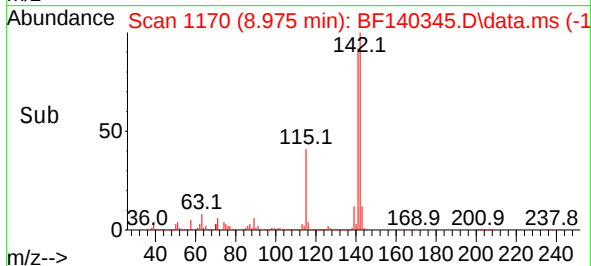
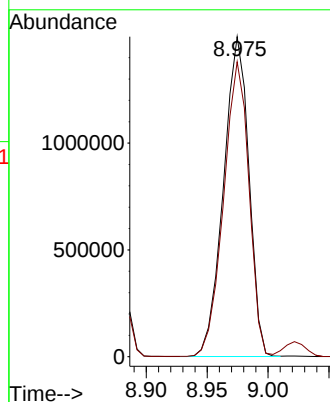
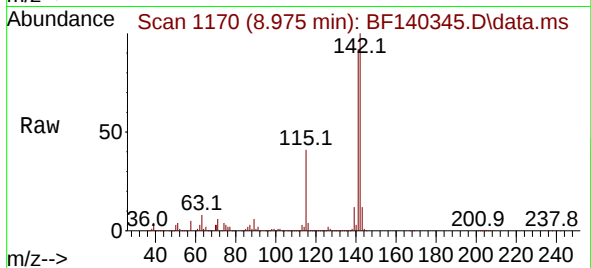
PT-BN-WP

Tgt Ion:142 Resp: 2170313

Ion Ratio Lower Upper

142 100

141 92.1 73.6 110.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

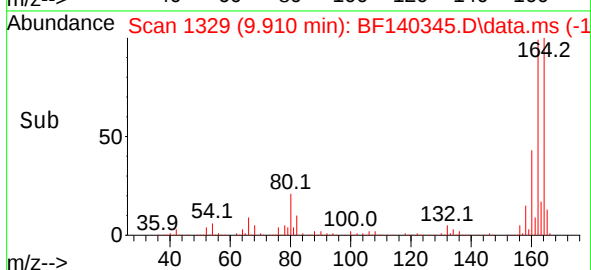
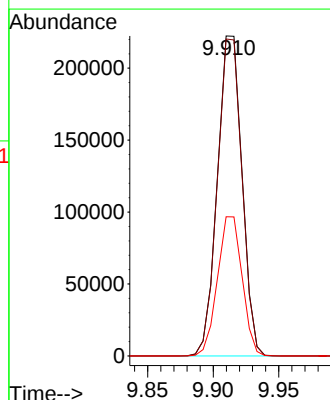
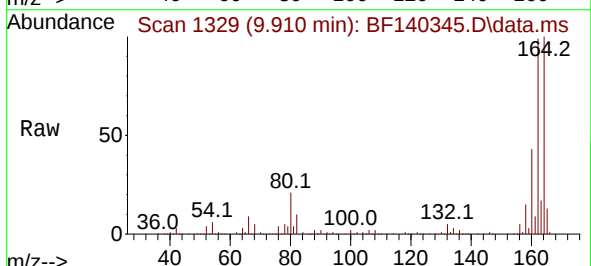
Tgt Ion:164 Resp: 291001

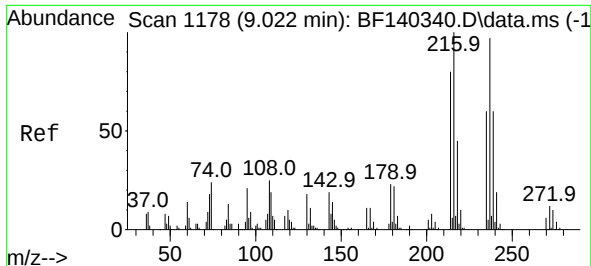
Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.8

160 43.5 35.4 53.0

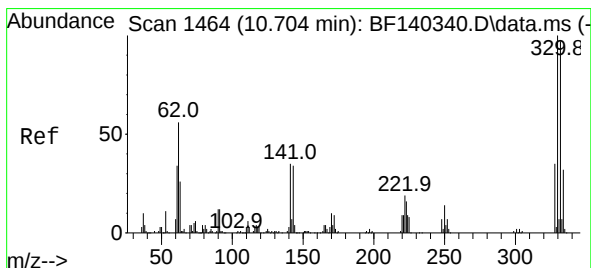
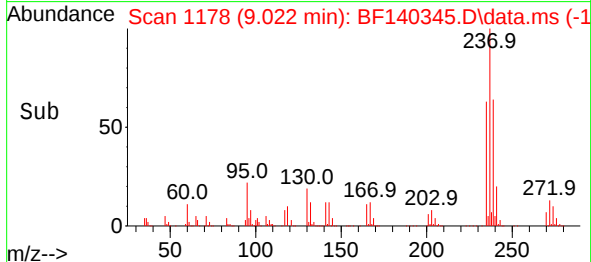
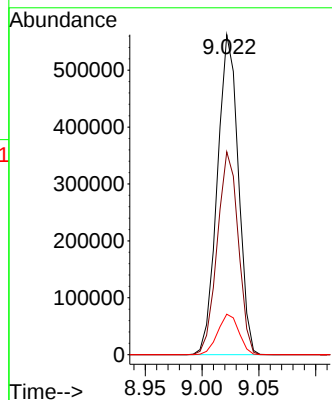
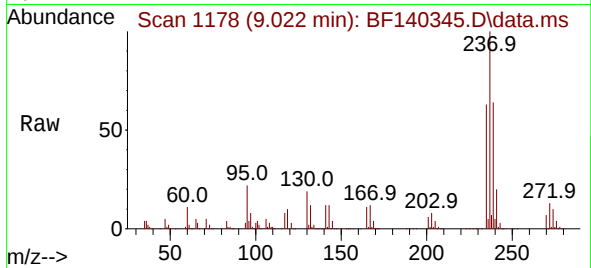




#41
Hexachlorocyclopentadiene
Concen: 350.306 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

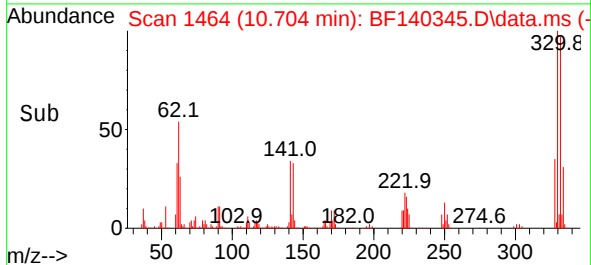
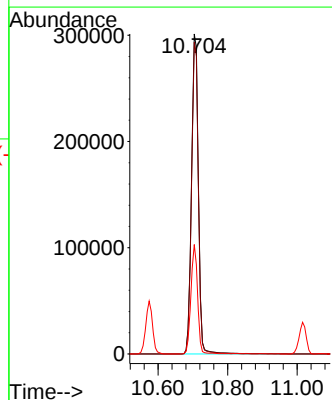
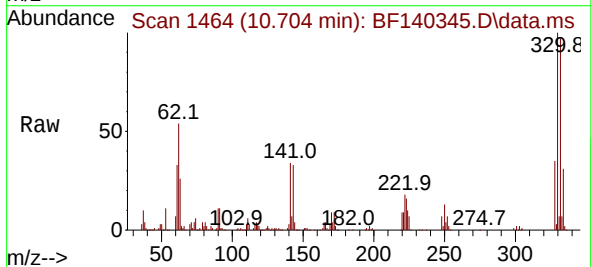
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

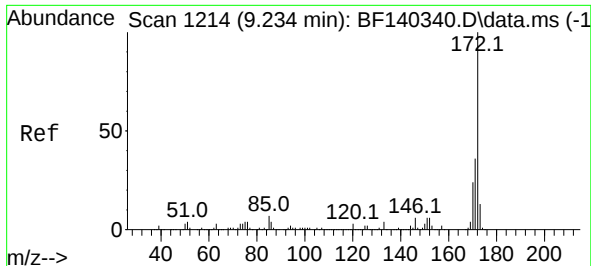
Tgt Ion:237 Resp: 723777
Ion Ratio Lower Upper
237 100
235 63.4 42.8 82.8
272 12.6 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 142.271 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

Tgt Ion:330 Resp: 411701
Ion Ratio Lower Upper
330 100
332 96.4 75.9 113.9
141 33.2 26.9 40.3





#45

2-Fluorobiphenyl

Concen: 95.485 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

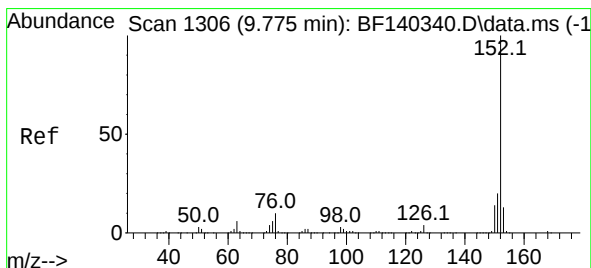
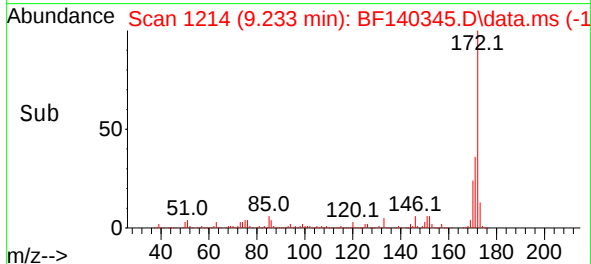
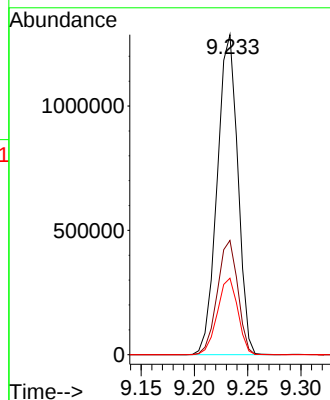
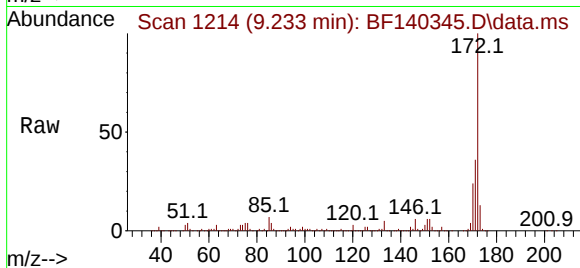
Tgt Ion:172 Resp: 1728492

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.9 19.1 28.7



#49

Acenaphthylene

Concen: 125.646 ng

RT: 9.780 min Scan# 1307

Delta R.T. 0.006 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

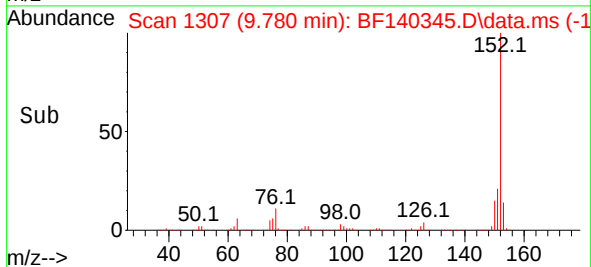
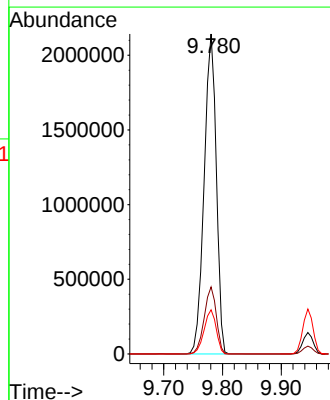
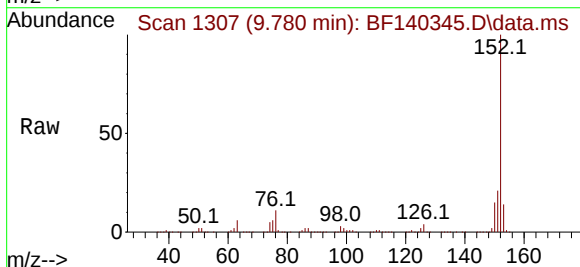
Tgt Ion:152 Resp: 3065708

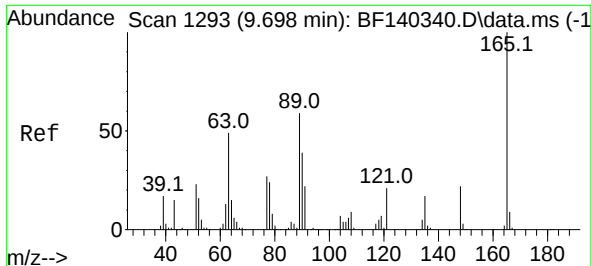
Ion Ratio Lower Upper

152 100

151 21.0 16.1 24.1

153 13.8 10.7 16.1





#51

2,6-Dinitrotoluene

Concen: 85.084 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

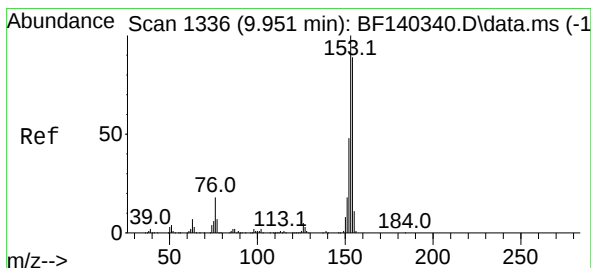
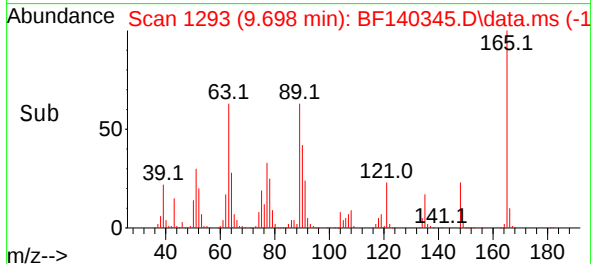
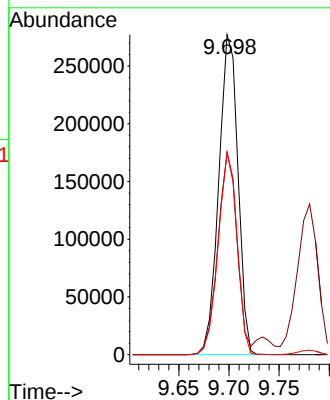
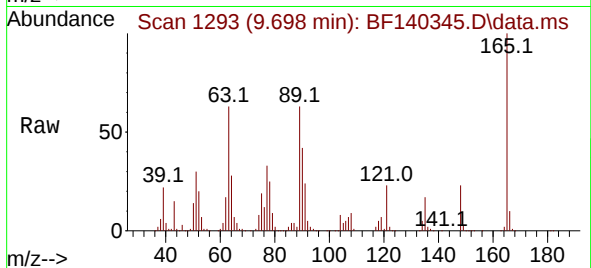
Tgt Ion:165 Resp: 367918

Ion Ratio Lower Upper

165 100

63 63.2 47.6 71.4

89 63.1 48.1 72.1



#52

Acenaphthene

Concen: 19.911 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

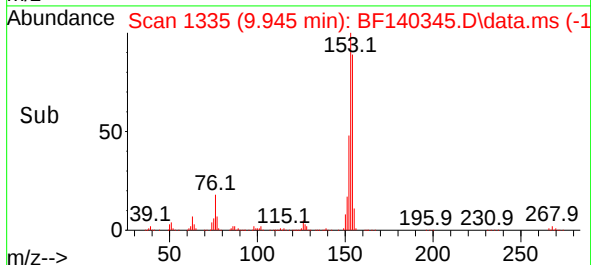
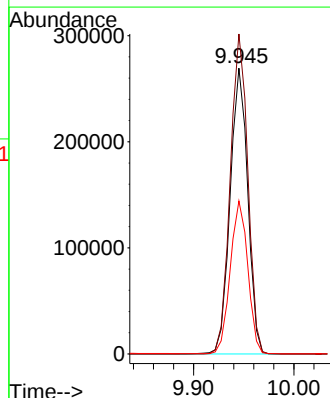
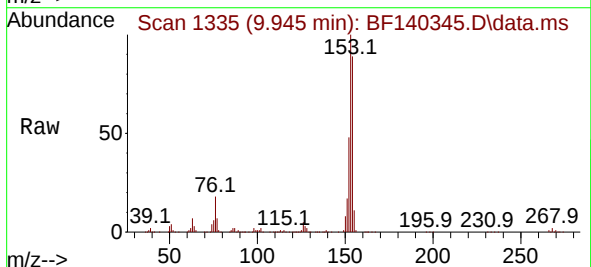
Tgt Ion:154 Resp: 328135

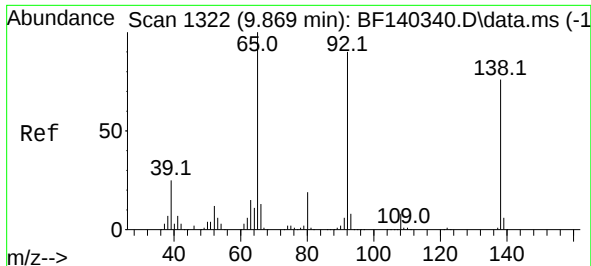
Ion Ratio Lower Upper

154 100

153 112.0 89.8 134.8

152 53.5 42.6 64.0





#53

3-Nitroaniline

Concen: 6.097 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

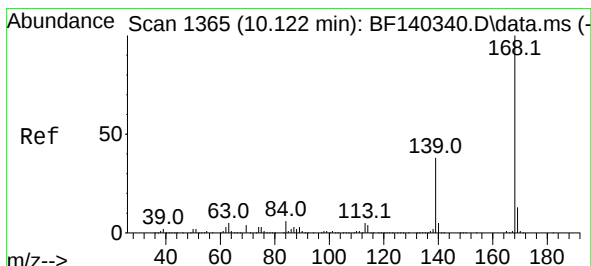
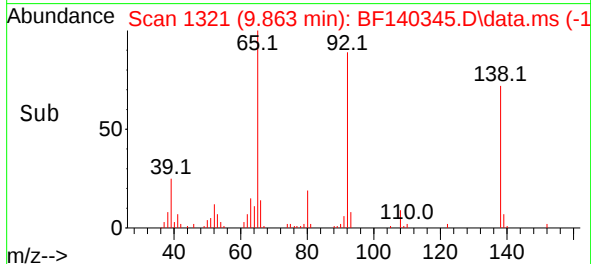
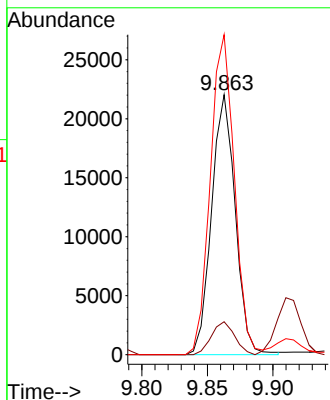
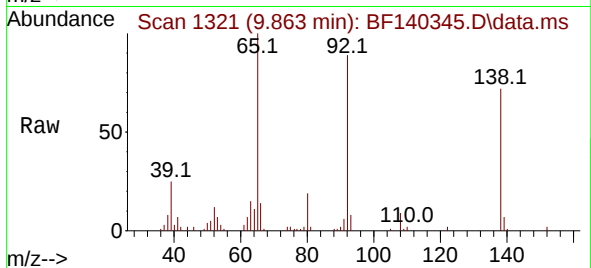
Tgt Ion:138 Resp: 27688

Ion Ratio Lower Upper

138 100

108 12.7 8.4 12.6#

92 123.0 95.5 143.3



#55

Dibenzofuran

Concen: 55.019 ng

RT: 10.122 min Scan# 1365

Delta R.T. -0.000 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

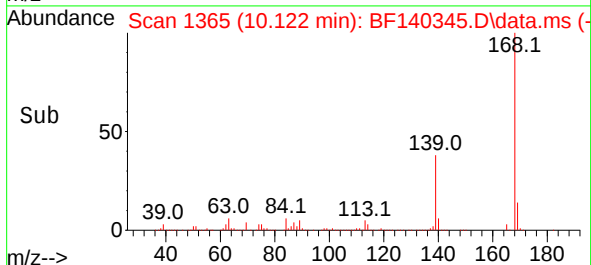
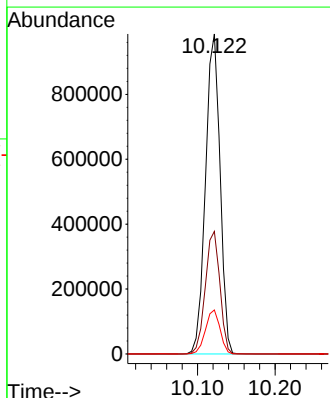
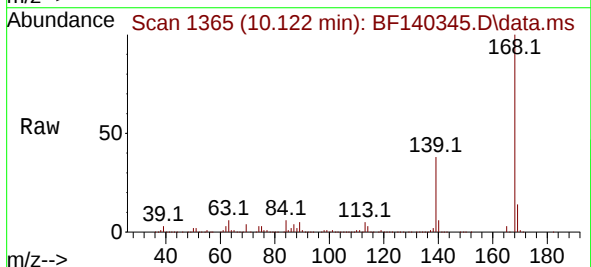
Tgt Ion:168 Resp: 1283563

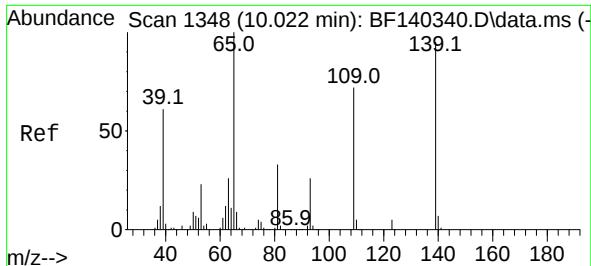
Ion Ratio Lower Upper

168 100

139 38.3 30.8 46.2

169 13.7 10.8 16.2





#56

4-Nitrophenol

Concen: 148.751 ng

RT: 10.122 min Scan# 1365

Delta R.T. 0.100 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

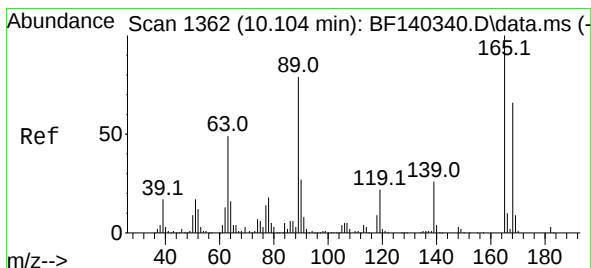
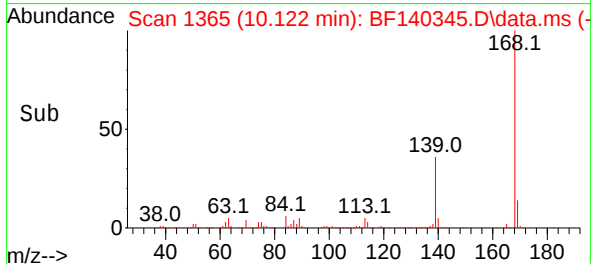
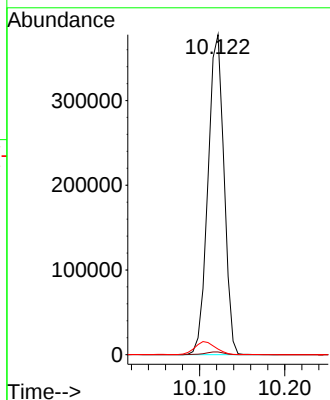
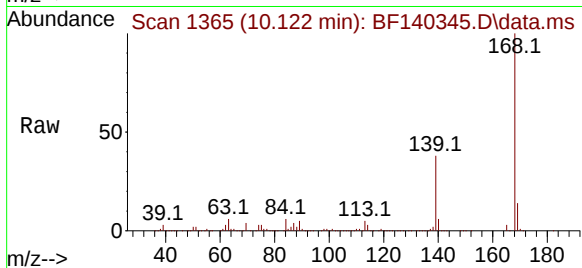
Tgt Ion:139 Resp: 492725

Ion Ratio Lower Upper

139 100

109 0.9 54.5 94.5#

65 1.8 84.4 124.4#



#57

2,4-Dinitrotoluene

Concen: 64.578 ng

RT: 10.104 min Scan# 1362

Delta R.T. -0.000 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Tgt Ion:165 Resp: 367514

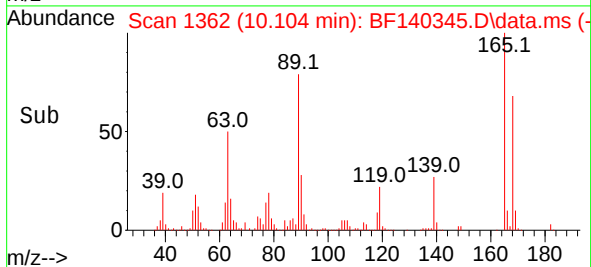
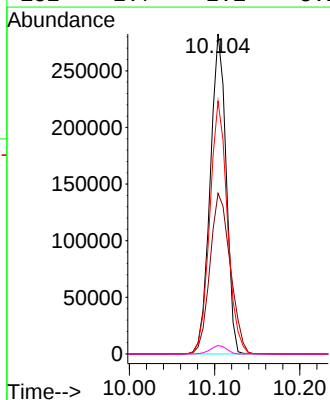
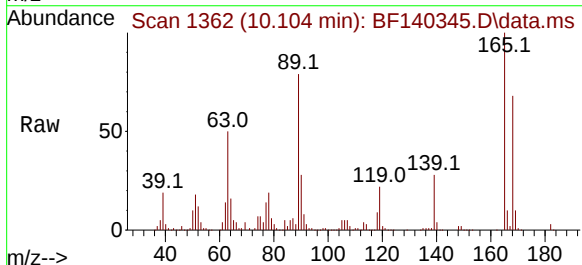
Ion Ratio Lower Upper

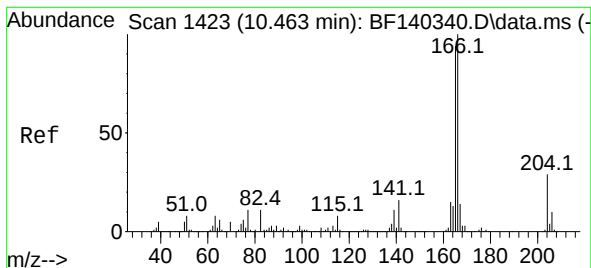
165 100

63 50.2 39.4 59.0

89 79.0 62.4 93.6

182 2.7 2.1 3.1





#58

Fluorene

Concen: 139.776 ng

RT: 10.475 min Scan# 1425

Delta R.T. 0.012 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

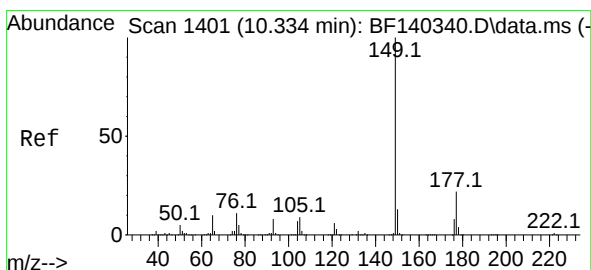
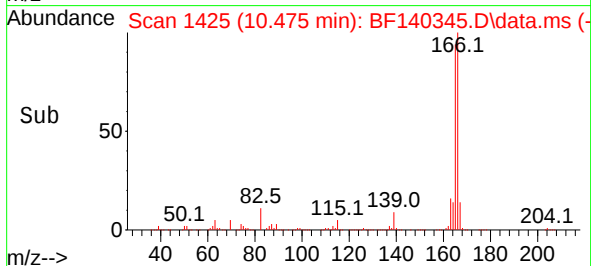
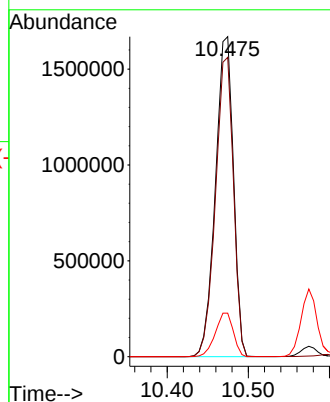
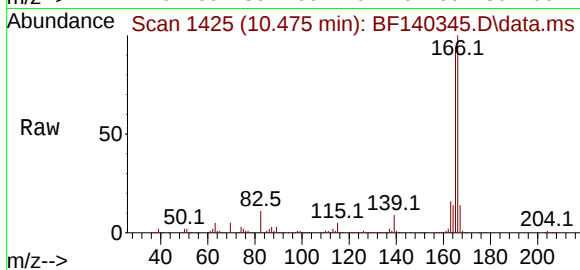
Tgt Ion:166 Resp: 2576051

Ion Ratio Lower Upper

166 100

165 93.5 73.9 110.9

167 13.6 10.9 16.3



#60

Diethylphthalate

Concen: 80.486 ng

RT: 10.339 min Scan# 1402

Delta R.T. 0.006 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

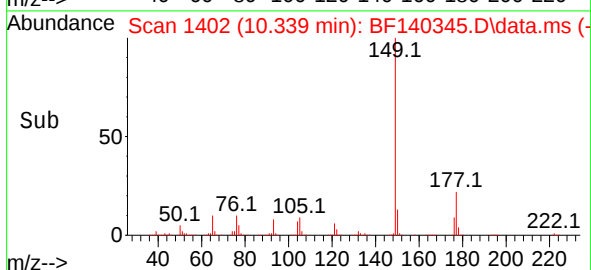
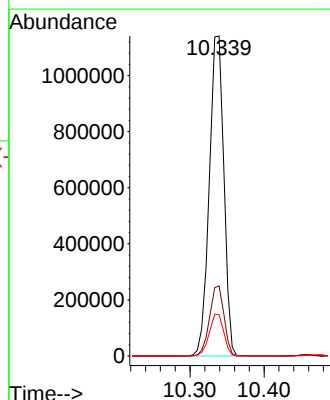
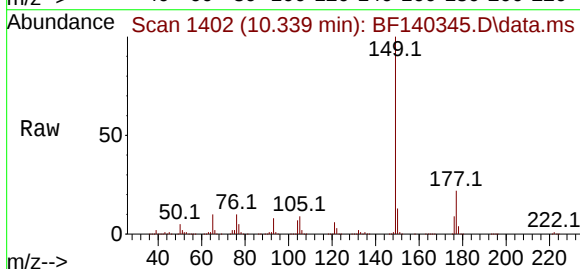
Tgt Ion:149 Resp: 1561064

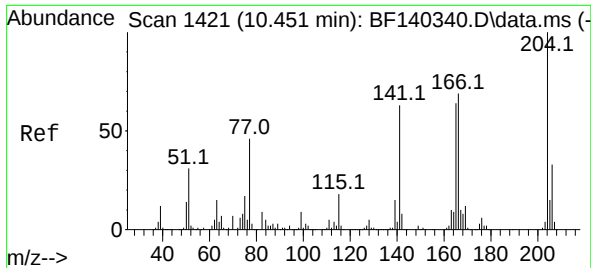
Ion Ratio Lower Upper

149 100

177 21.8 17.5 26.3

150 12.9 10.1 15.1

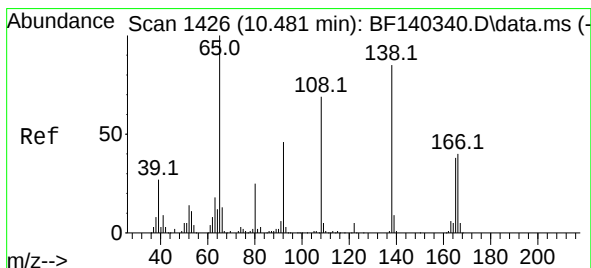
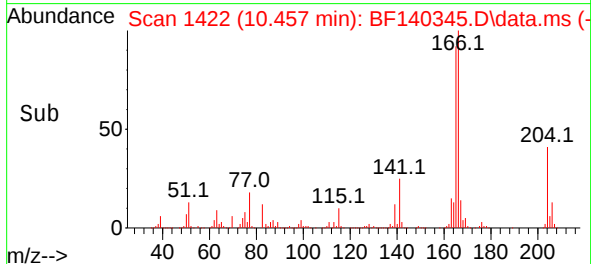
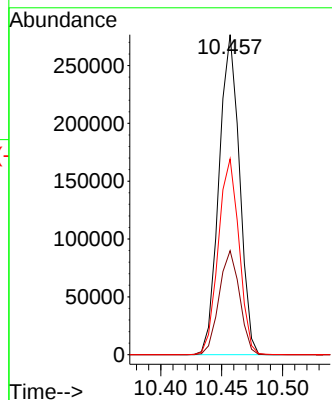
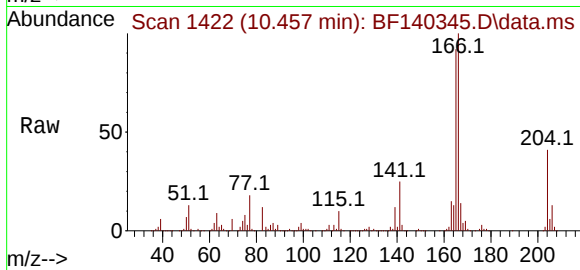




#61
4-Chlorophenyl-phenylether
Concen: 35.661 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

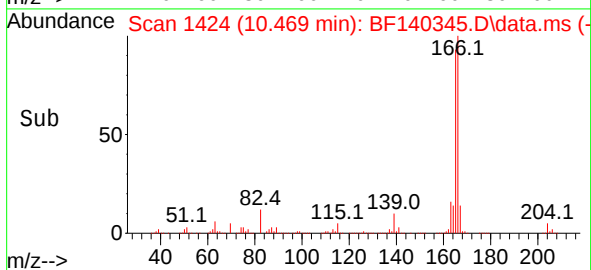
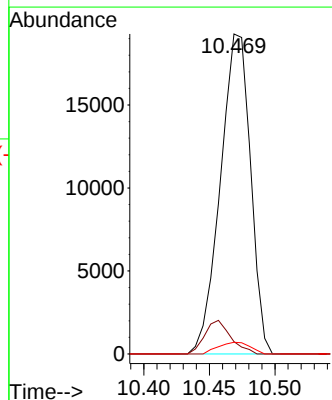
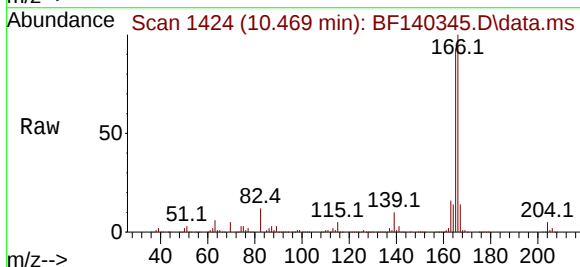
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

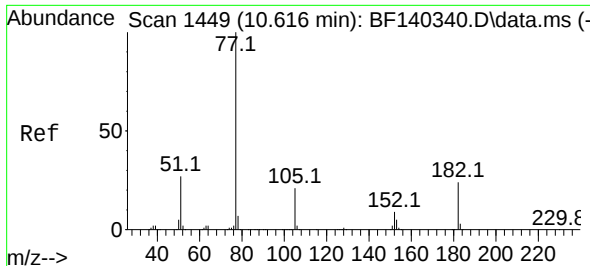
Tgt Ion:204 Resp: 324466
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 61.2 49.8 74.8



#62
4-Nitroaniline
Concen: 6.647 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

Tgt Ion:138 Resp: 30863
Ion Ratio Lower Upper
138 100
92 3.9 33.8 73.8#
108 3.7 59.9 99.9#

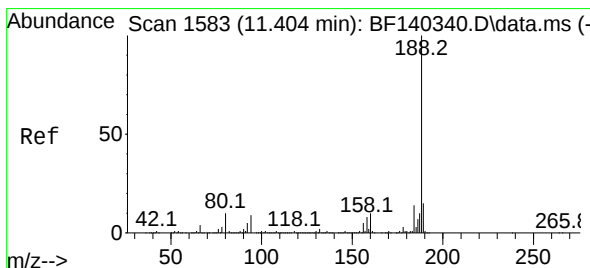
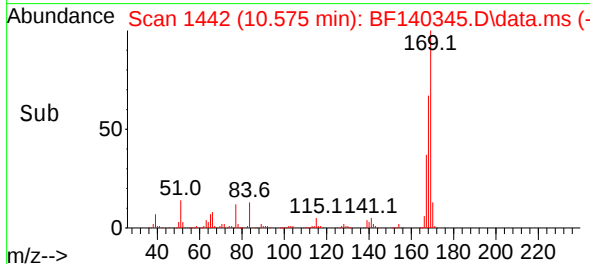
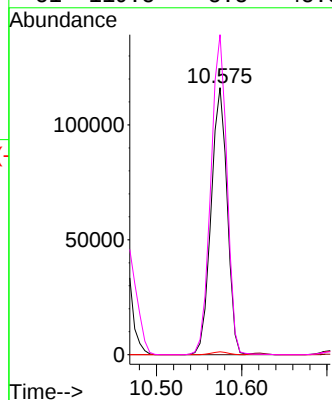
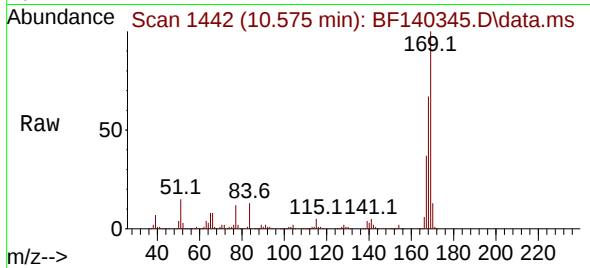




#63
Azobenzene
Concen: 7.961 ng
RT: 10.575 min Scan# 1449
Delta R.T. -0.041 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

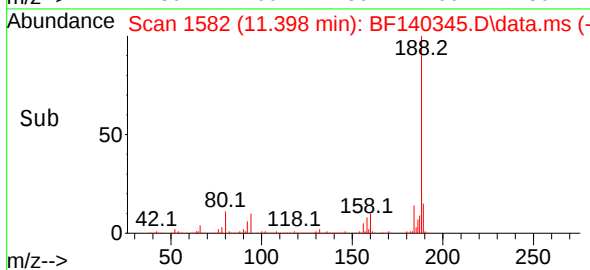
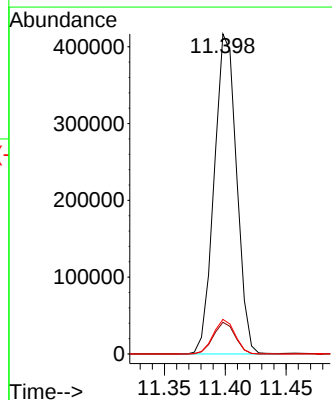
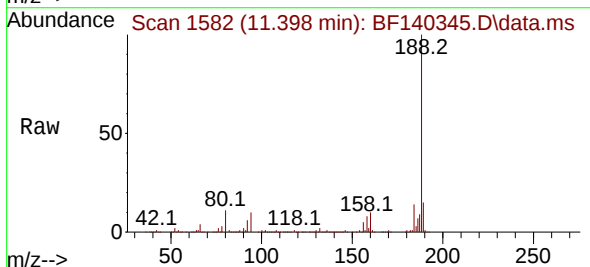
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

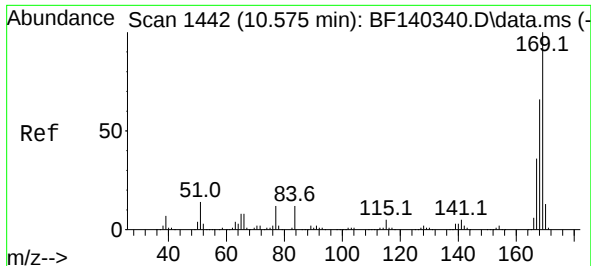
Tgt Ion: 77 Resp: 152554
Ion Ratio Lower Upper
77 100
182 0.0 4.6 44.6#
105 1.1 0.9 40.9
51 119.8 8.3 48.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

Tgt Ion: 188 Resp: 534019
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 10.8 8.0 12.0

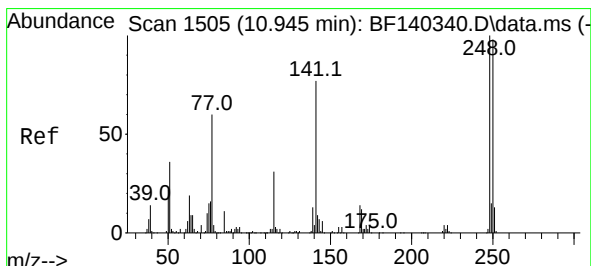
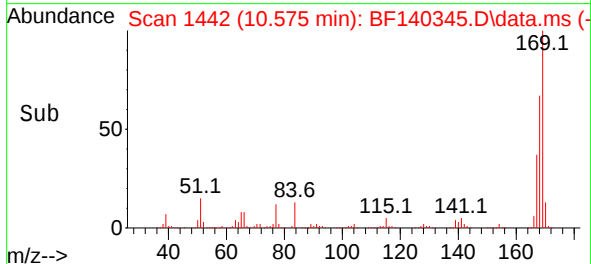
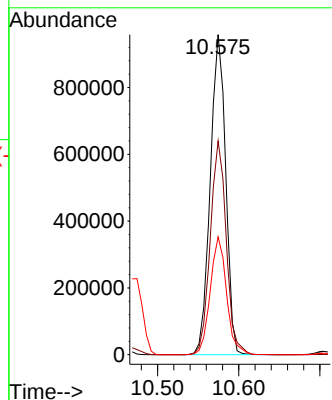
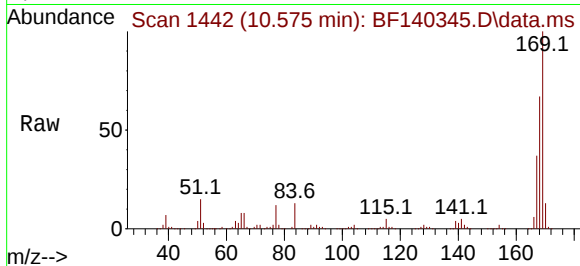




#66
n-Nitrosodiphenylamine
Concen: 81.747 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

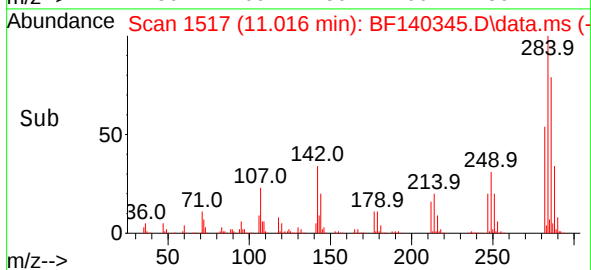
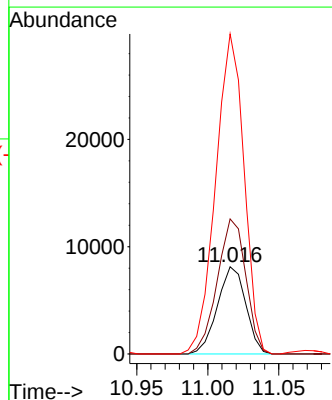
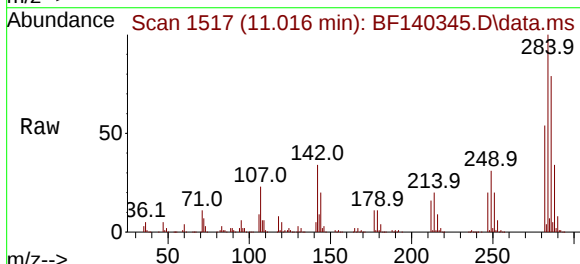
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

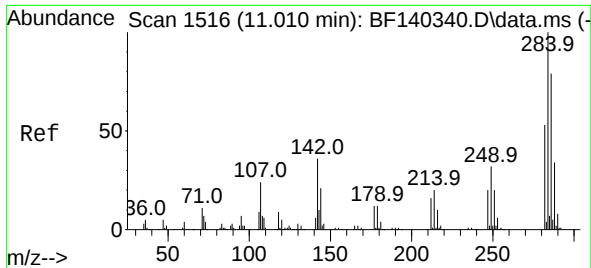
Tgt Ion:169 Resp: 1261321
Ion Ratio Lower Upper
169 100
168 66.8 52.7 79.1
167 36.8 29.3 43.9



#67
4-Bromophenyl-phenylether
Concen: 2.113 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.070 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

Tgt Ion:248 Resp: 11277
Ion Ratio Lower Upper
248 100
250 154.9 77.9 116.9#
141 367.1 61.8 92.6#

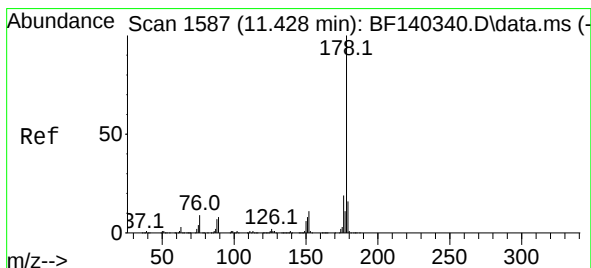
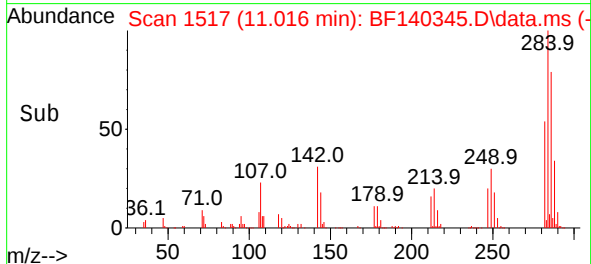
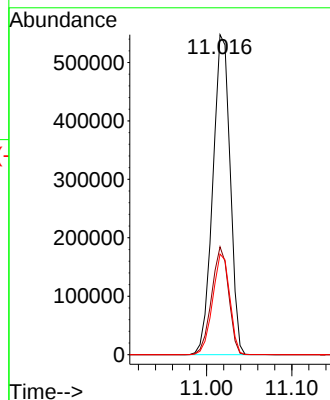
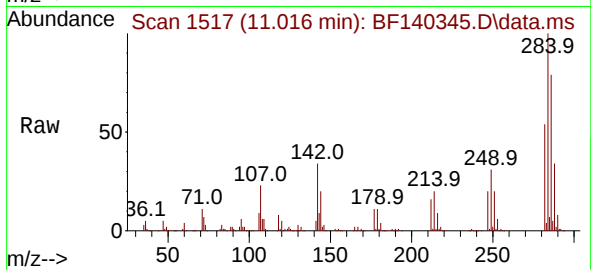




#68
Hexachlorobenzene
Concen: 128.503 ng
RT: 11.016 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

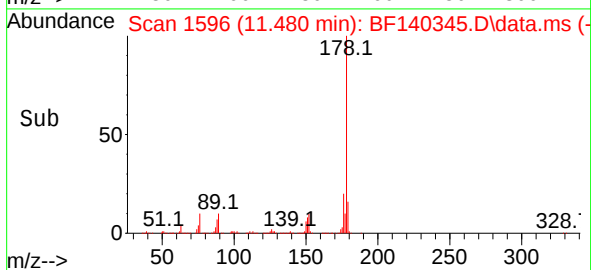
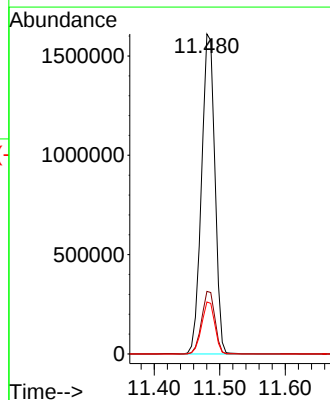
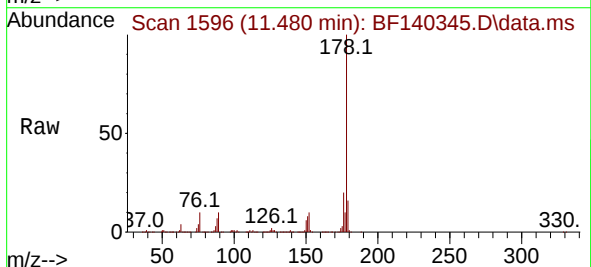
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

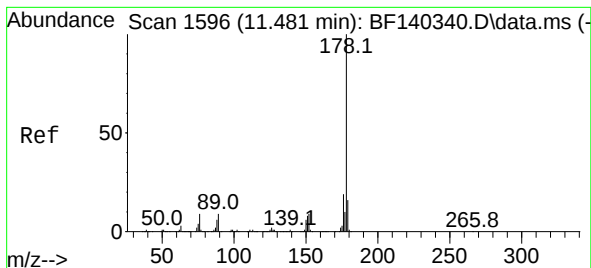
Tgt Ion:284 Resp: 771805
Ion Ratio Lower Upper
284 100
142 33.7 28.1 42.1
249 31.5 24.9 37.3



#71
Phenanthrene
Concen: 91.249 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.053 min
Lab File: BF140345.D
Acq: 13 Nov 2024 16:40

Tgt Ion:178 Resp: 2289055
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.2 12.4 18.6





#72

Anthracene

Concen: 93.105 ng

RT: 11.480 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

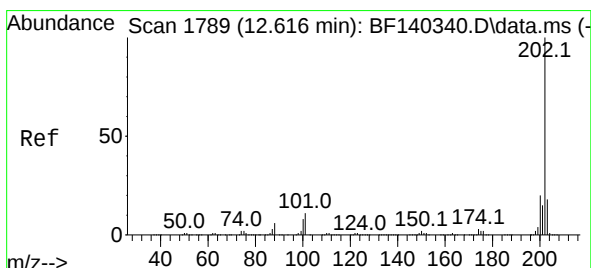
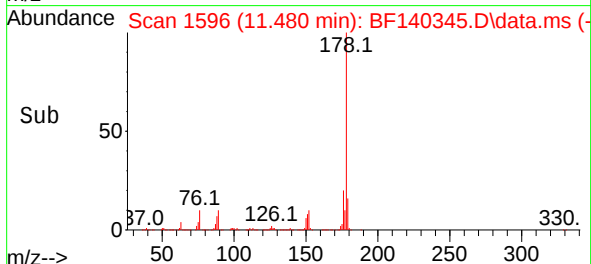
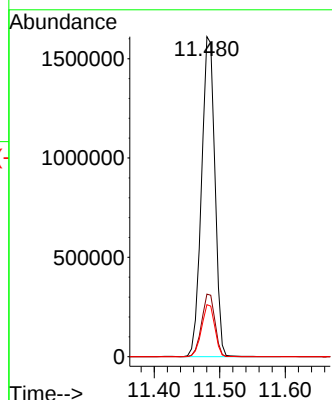
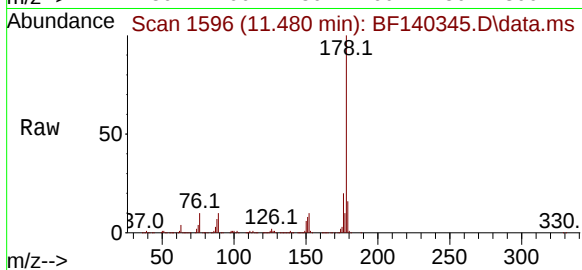
Tgt Ion:178 Resp: 2289055

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 16.2 12.6 18.8



#75

Fluoranthene

Concen: 33.032 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.229 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

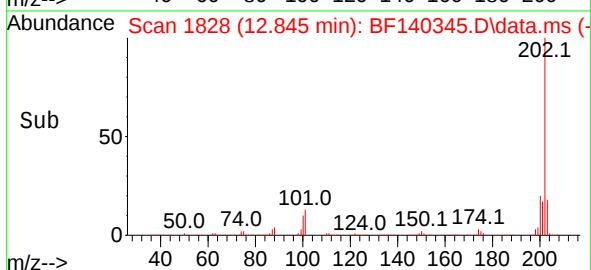
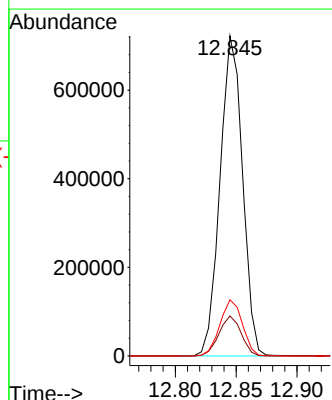
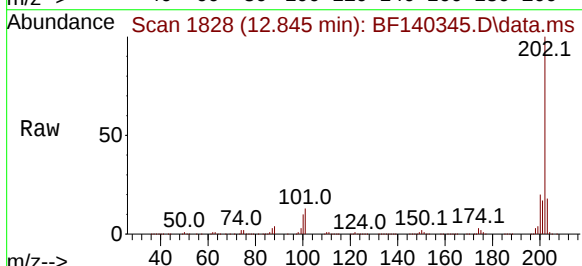
Tgt Ion:202 Resp: 929647

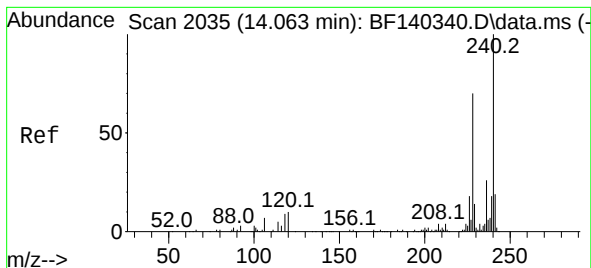
Ion Ratio Lower Upper

202 100

101 12.5 0.0 30.7

203 17.6 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2035

Delta R.T. 0.029 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

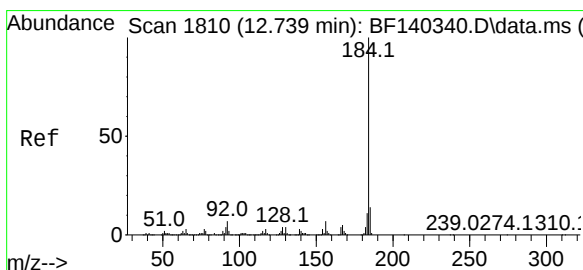
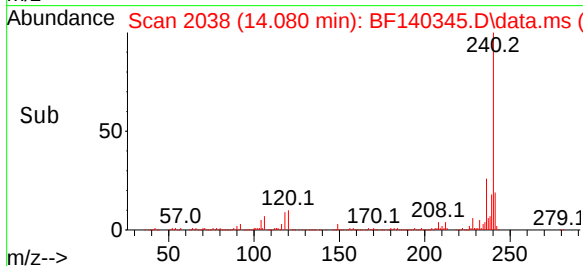
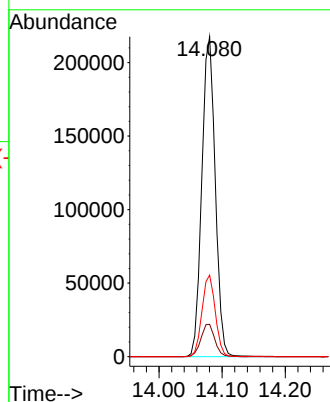
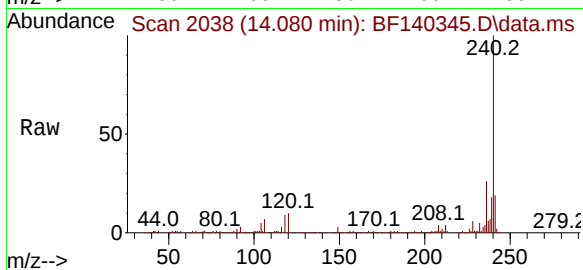
Tgt Ion:240 Resp: 320922

Ion Ratio Lower Upper

240 100

120 10.1 8.8 13.2

236 25.5 20.9 31.3



#77

Benzidine

Concen: 2.257 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.259 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

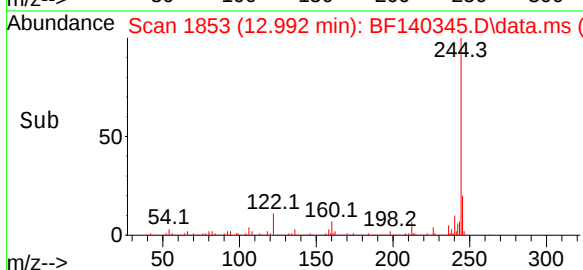
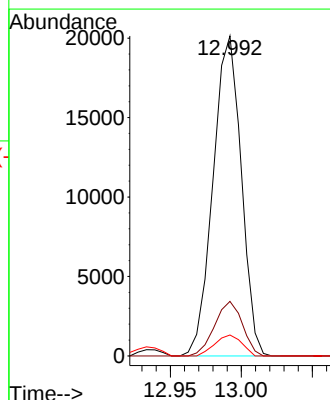
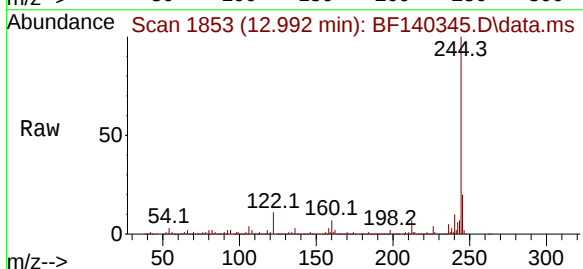
Tgt Ion:184 Resp: 27795

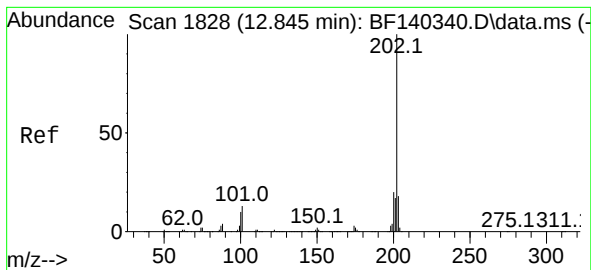
Ion Ratio Lower Upper

184 100

185 17.1 11.9 17.9

183 6.5 8.6 13.0#





#78

Pyrene

Concen: 33.913 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.000 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

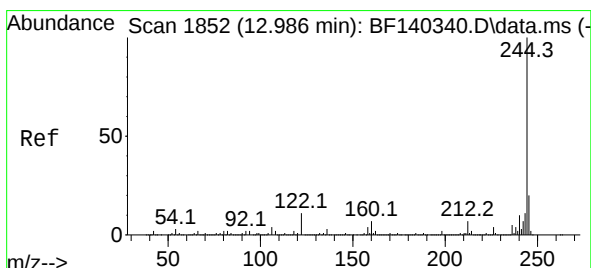
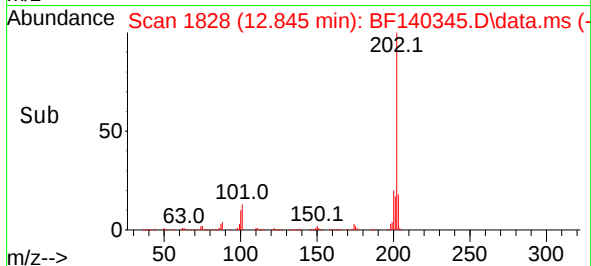
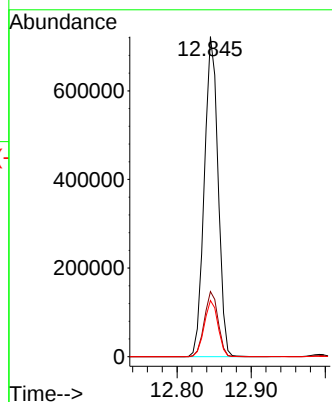
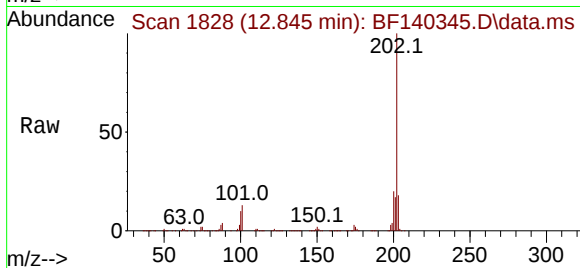
Tgt Ion:202 Resp: 930946

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

203 17.6 14.2 21.4



#79

Terphenyl-d14

Concen: 109.342 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

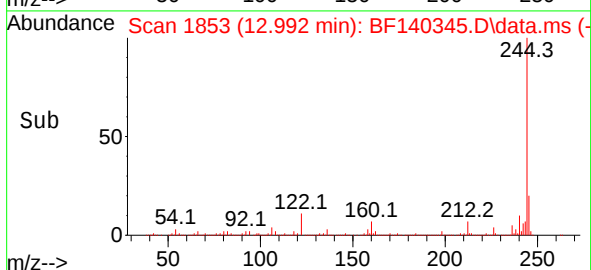
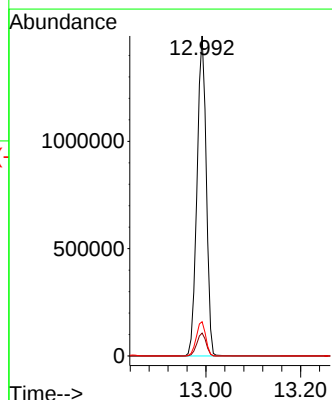
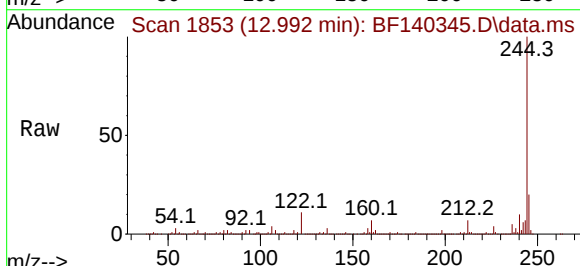
Tgt Ion:244 Resp: 2021563

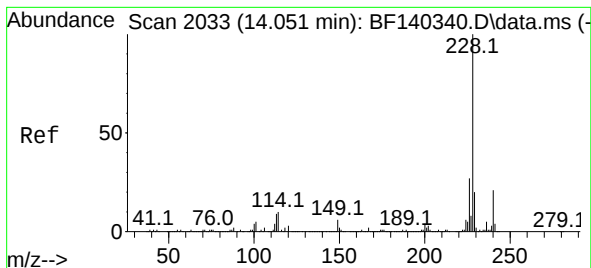
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.7 8.8 13.2





#81

Benzo(a)anthracene

Concen: 100.842 ng

RT: 14.110 min Scan# 2043

Delta R.T. 0.070 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

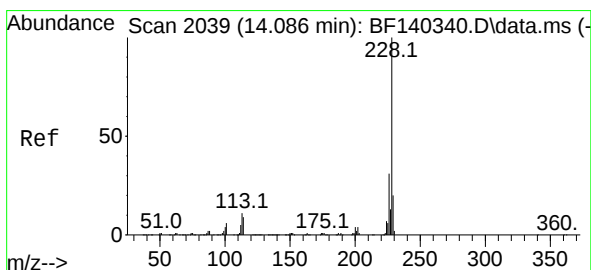
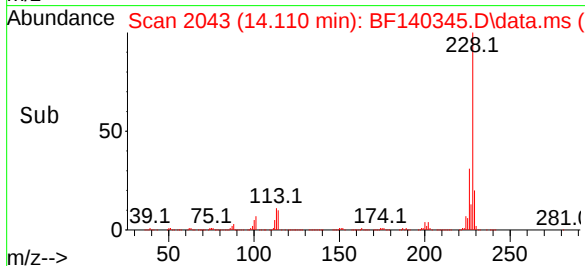
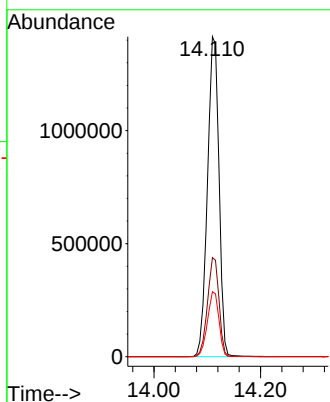
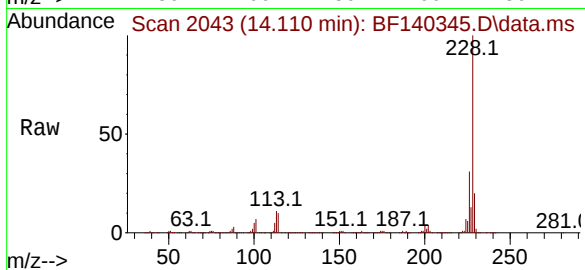
Tgt Ion:228 Resp: 2126934

Ion Ratio Lower Upper

228 100

226 30.9 22.2 33.4

229 20.3 15.8 23.6



#83

Chrysene

Concen: 110.522 ng

RT: 14.110 min Scan# 2043

Delta R.T. 0.029 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

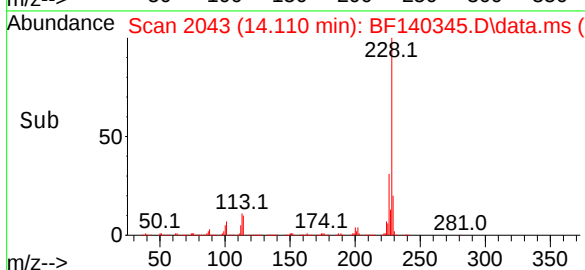
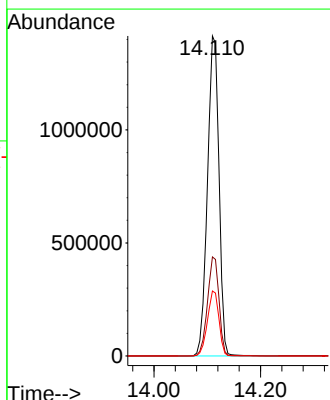
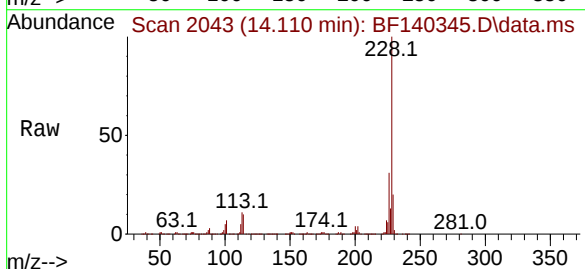
Tgt Ion:228 Resp: 2126934

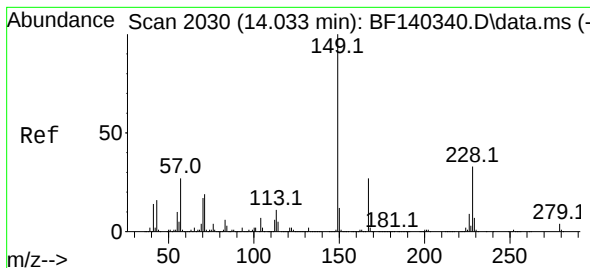
Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 20.3 16.0 24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 90.738 ng

RT: 14.057 min Scan# 2030

Delta R.T. 0.035 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

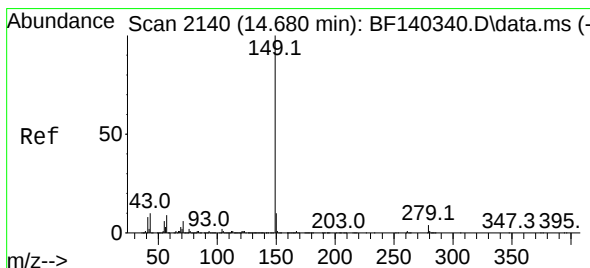
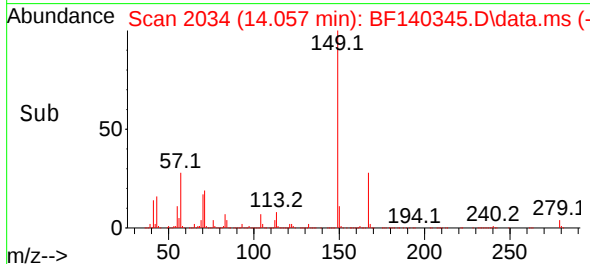
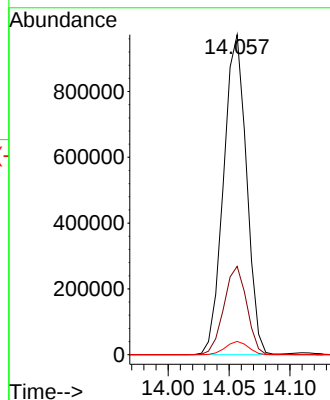
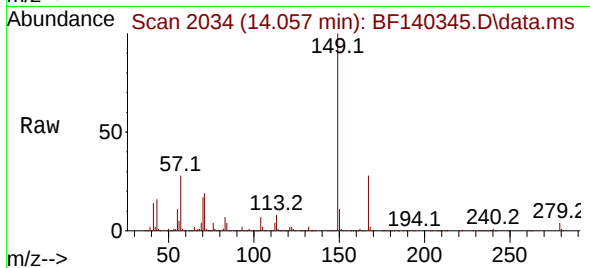
Tgt Ion:149 Resp: 1277183

Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

279 4.2 3.0 4.6



#85

Di-n-octyl phthalate

Concen: 116.967 ng

RT: 14.721 min Scan# 2147

Delta R.T. 0.059 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

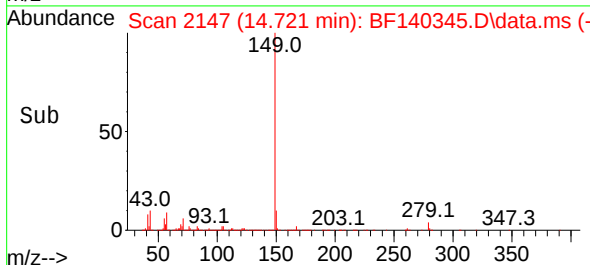
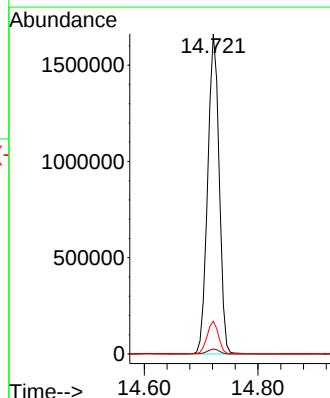
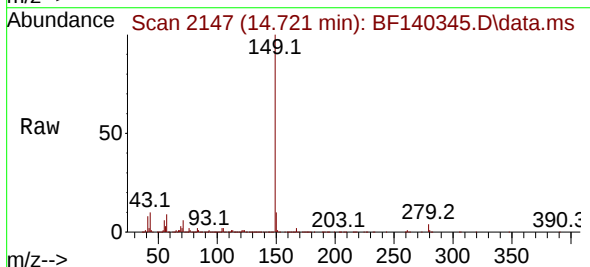
Tgt Ion:149 Resp: 2318732

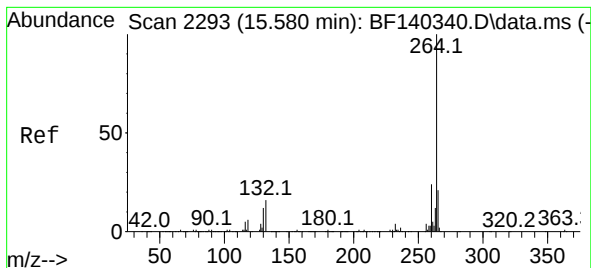
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.1 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 24

Delta R.T. 0.065 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

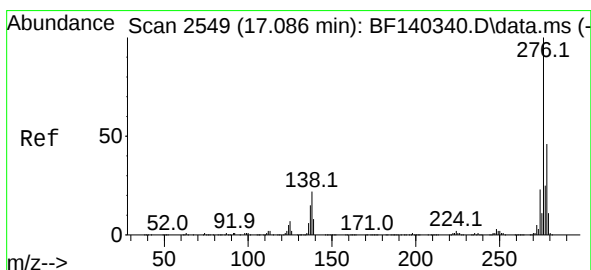
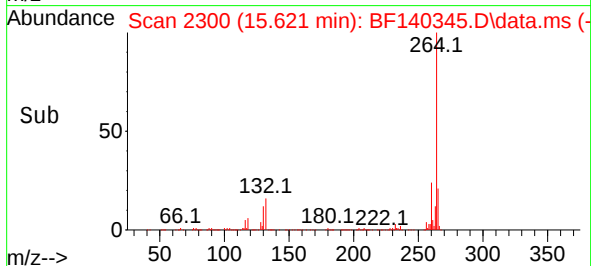
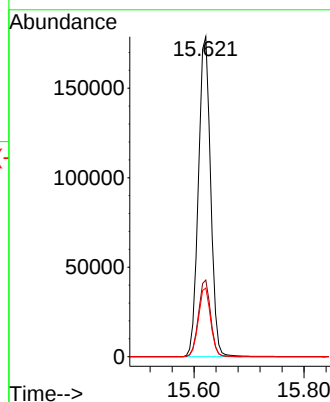
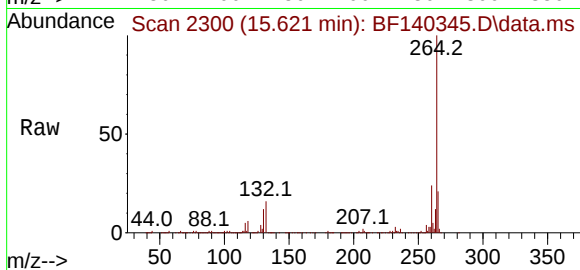
Tgt Ion:264 Resp: 276076

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.5 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 109.162 ng

RT: 17.151 min Scan# 2560

Delta R.T. 0.094 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

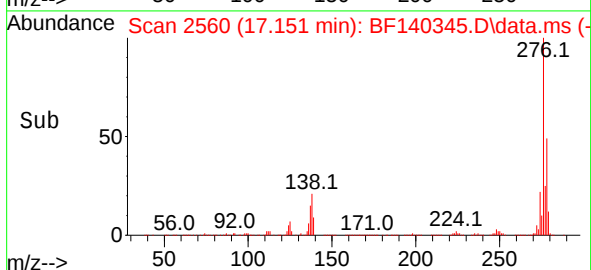
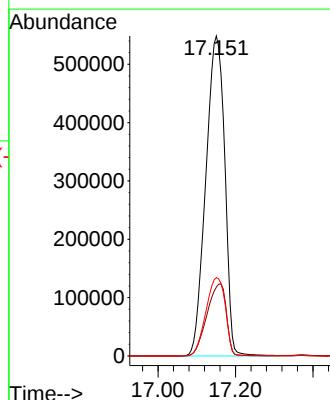
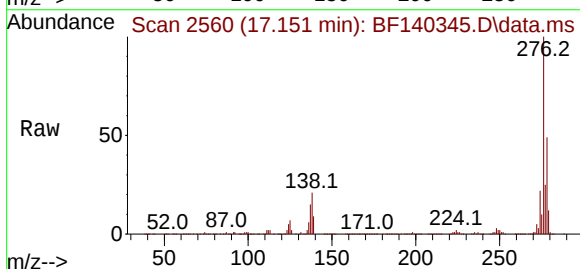
Tgt Ion:276 Resp: 1861642

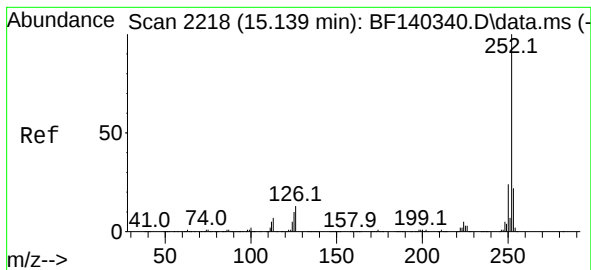
Ion Ratio Lower Upper

276 100

138 23.1 18.8 28.2

277 25.2 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 42.703 ng

RT: 15.180 min Scan# 2218

Delta R.T. 0.065 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

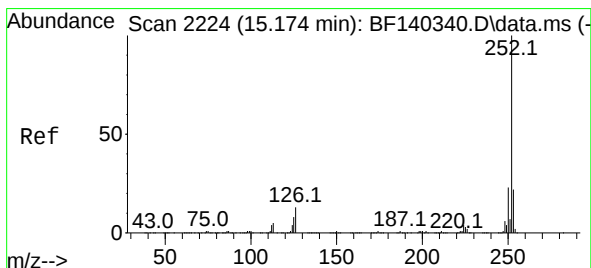
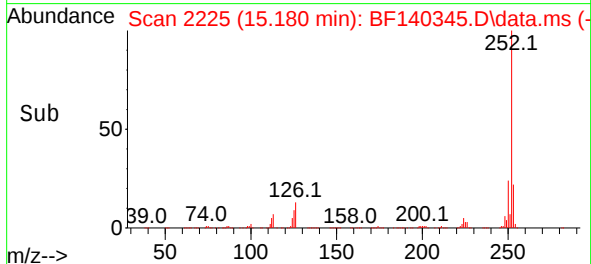
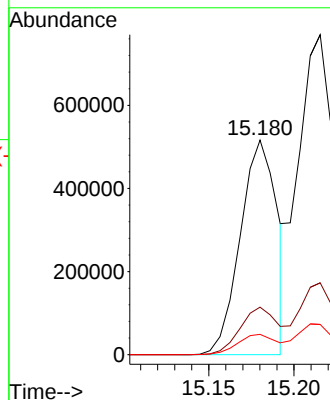
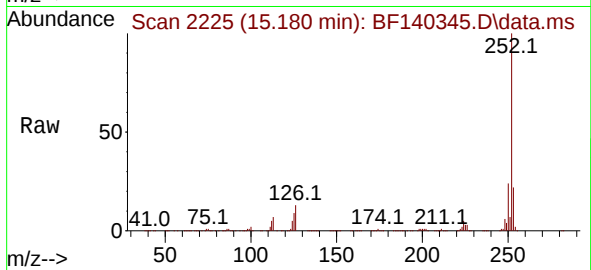
Tgt Ion:252 Resp: 771191

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.5 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 77.916 ng

RT: 15.215 min Scan# 2231

Delta R.T. 0.065 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

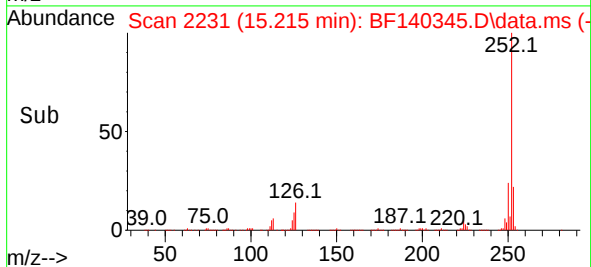
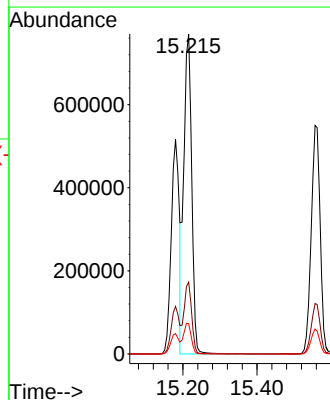
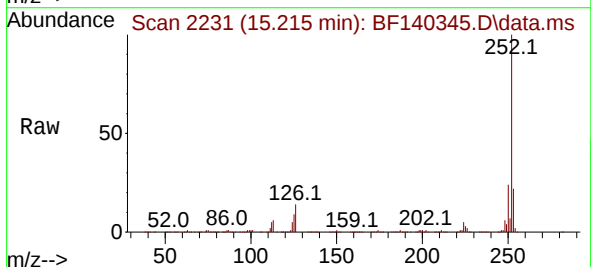
Tgt Ion:252 Resp: 1149520

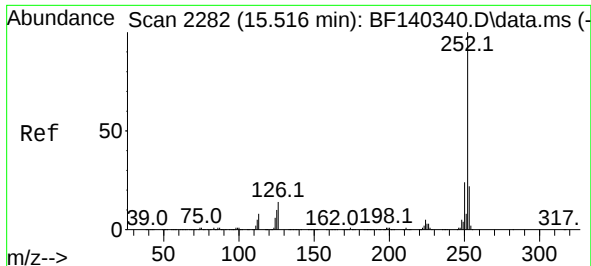
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 9.5 7.4 11.2





#90

Benzo(a)pyrene

Concen: 65.508 ng

RT: 15.557 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

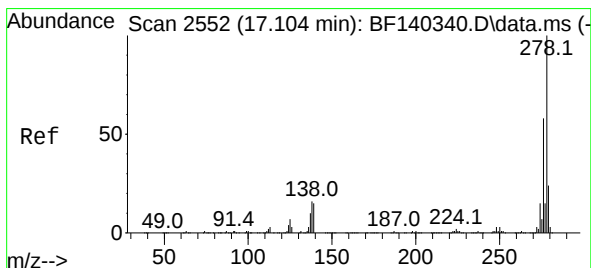
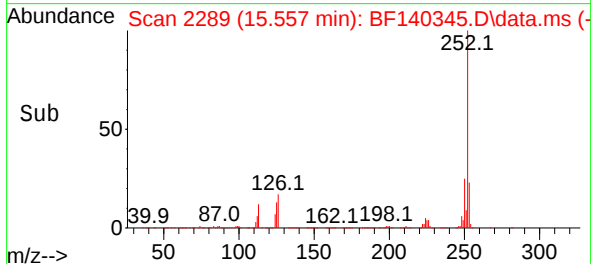
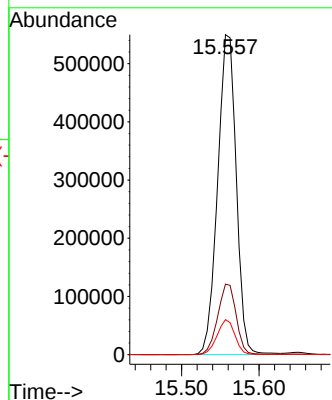
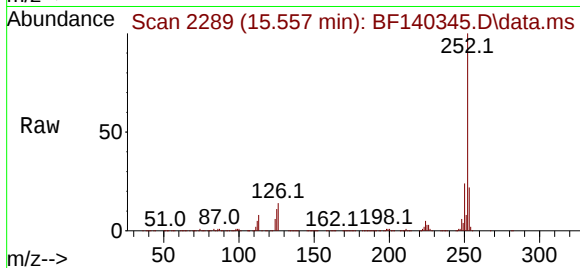
Tgt Ion:252 Resp: 918715

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.9 8.4 12.6



#91

Dibenzo(a,h)anthracene

Concen: 95.896 ng

RT: 17.168 min Scan# 2563

Delta R.T. 0.094 min

Lab File: BF140345.D

Acq: 13 Nov 2024 16:40

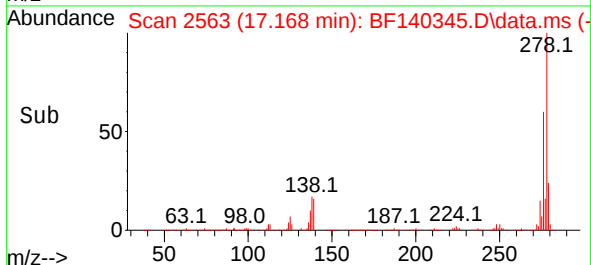
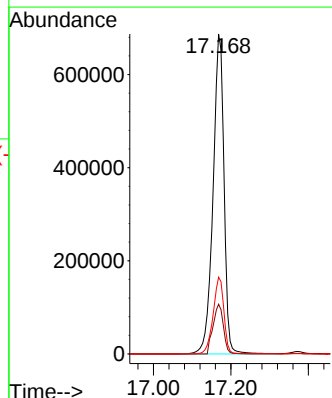
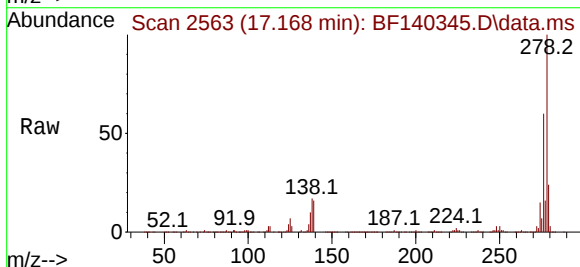
Tgt Ion:278 Resp: 1351813

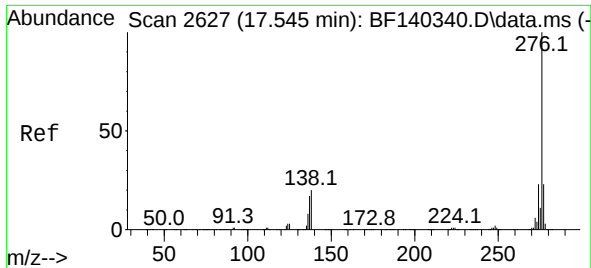
Ion Ratio Lower Upper

278 100

139 15.5 11.8 17.8

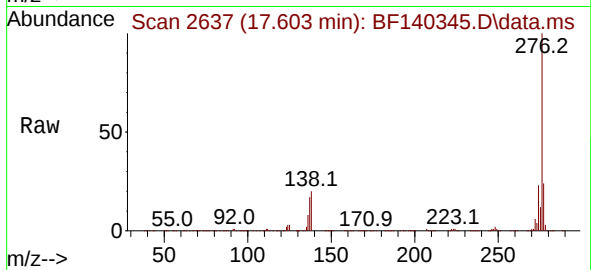
279 24.0 18.9 28.3





#92
 Benzo(g,h,i)perylene
 Concen: 81.545 ng
 RT: 17.603 min Scan# 20
 Delta R.T. 0.088 min
 Lab File: BF140345.D
 Acq: 13 Nov 2024 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP



Tgt Ion:276 Resp: 1175181
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.6 28.0
 138 20.4 16.0 24.0

