

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140346.D
 Acq On : 13 Nov 2024 17:06
 Operator : RC/JU
 Sample : P3845-03DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Nov 13 17:27:44 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	150157	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	597830	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	332464	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	613958	20.000	ng	0.00
76) Chrysene-d12	14.057	240	377931	20.000	ng	0.00
86) Perylene-d12	15.574	264	317059	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	243193	27.653	ng	0.00
7) Phenol-d6	6.493	99	338259	28.389	ng	-0.01
23) Nitrobenzene-d5	7.434	82	215178	18.753	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	85096	25.739	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	440060	21.278	ng	0.00
79) Terphenyl-d14	12.980	244	507724	23.319	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.358	42	105356	21.633	ng	99
6) Aniline	6.604	93	216928	20.929	ng	# 55
11) bis(2-Chloroethyl)ether	6.604	93	216928	22.784	ng	99
12) 1,3-Dichlorobenzene	6.816	146	286991	27.533	ng	99
13) 1,4-Dichlorobenzene	6.816	146	286991	27.154	ng	99
14) 1,2-Dichlorobenzene	6.816	146	286991	29.250	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	181638	13.812	ng	98
18) Hexachloroethane	7.387	117	93853	24.020	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	166339	23.114	ng	98
24) Nitrobenzene	7.451	77	46315	3.877	ng	100
25) Isophorone	7.434	82	213401	10.494	ng	# 66
31) Naphthalene	8.181	128	823926	27.168	ng	99
33) 4-Chloroaniline	8.181	127	106455	10.094	ng	# 34
34) Hexachlorobutadiene	8.293	225	80926	13.601	ng	99
37) 2-Methylnaphthalene	8.869	142	330251	16.983	ng	100
38) 1-Methylnaphthalene	8.969	142	565548	29.699	ng	100
41) Hexachlorocyclopentadiene	9.022	237	131276	55.613	ng	99
49) Acenaphthylene	9.769	152	789926	28.337	ng	100
51) 2,6-Dinitrotoluene	9.692	165	79106	16.012	ng	98
52) Acenaphthene	9.939	154	72917	3.873	ng	100
55) Dibenzofuran	10.116	168	307285	11.529	ng	99
56) 4-Nitrophenol	10.116	139	116577	30.805	ng	# 5
57) 2,4-Dinitrotoluene	10.092	165	76731	11.801	ng	96
58) Fluorene	10.463	166	690512	32.794	ng	100
60) Diethylphthalate	10.328	149	373585	16.859	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	77760	7.480	ng	98
66) n-Nitrosodiphenylamine	10.563	169	308429	17.387	ng	99
68) Hexachlorobenzene	11.010	284	189691	27.471	ng	96
71) Phenanthrene	11.475	178	587410	20.367	ng	99
72) Anthracene	11.475	178	587410	20.781	ng	99
75) Fluoranthene	12.839	202	208934	6.457	ng	98
78) Pyrene	12.839	202	209203	6.471	ng	99
81) Benzo(a)anthracene	14.080	228	536965	21.618	ng	98
83) Chrysene	14.080	228	536965	23.693	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	293549	17.709	ng	98
85) Di-n-octyl phthalate	14.680	149	518449	22.208	ng	99

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Response via : Initial Calibration

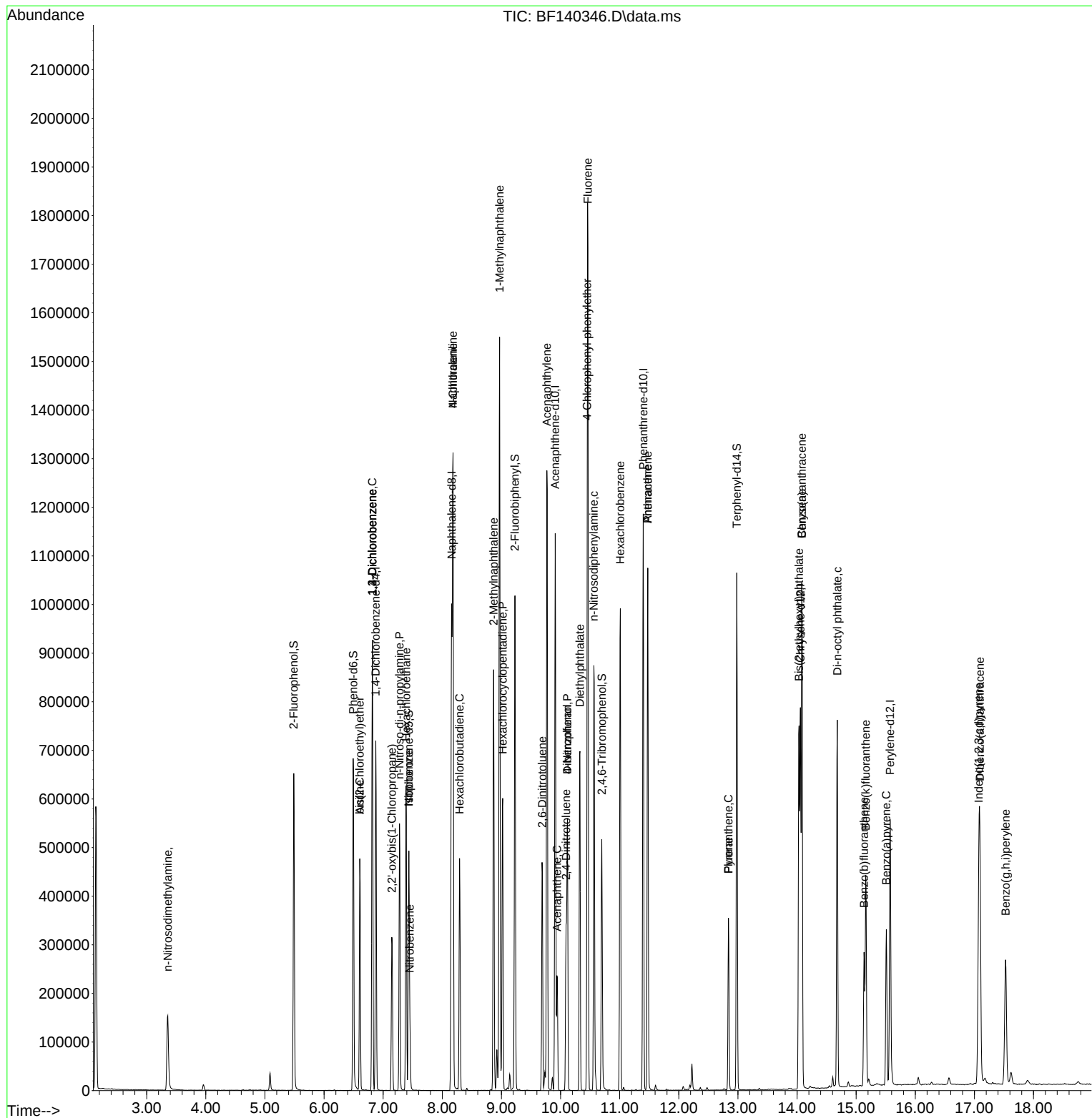
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Indeno(1,2,3-cd)pyrene	17.074	276	390599	19.943	ng	99
88) Benzo(b)fluoranthene	15.133	252	158159	7.626	ng	99
89) Benzo(k)fluoranthene	15.163	252	264829	15.630	ng	99
90) Benzo(a)pyrene	15.510	252	192623	11.959	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	289828	17.902	ng	99
92) Benzo(g,h,i)perylene	17.527	276	237754	14.365	ng	99

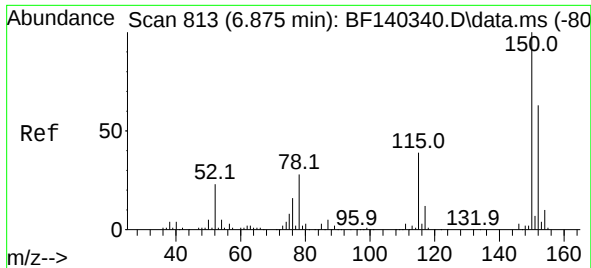
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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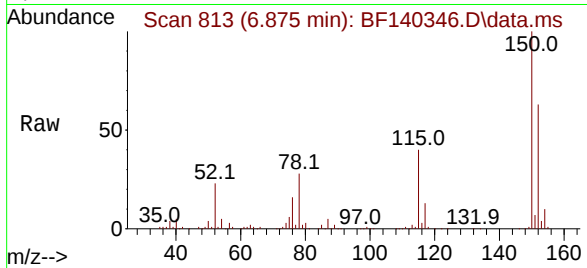
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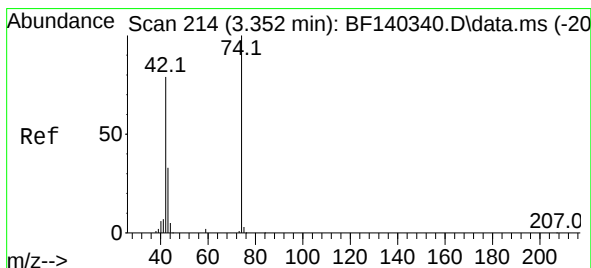
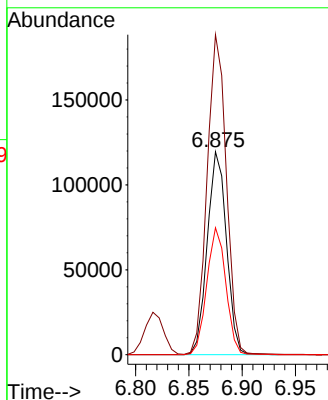
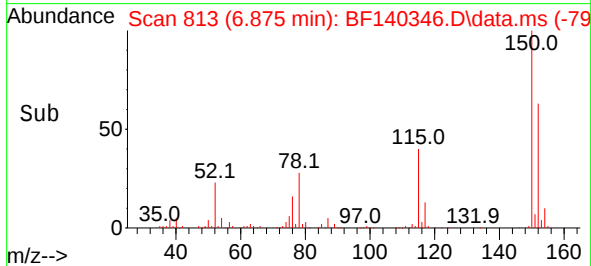


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140346.D
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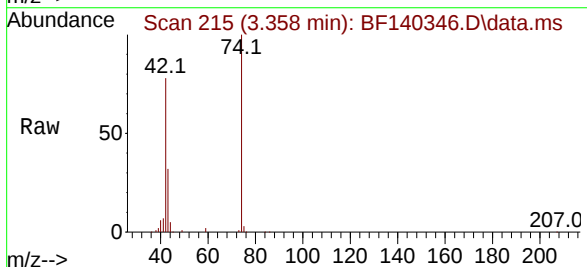
Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL



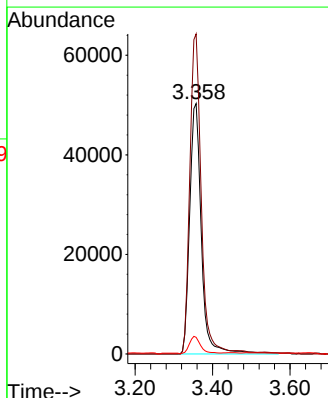
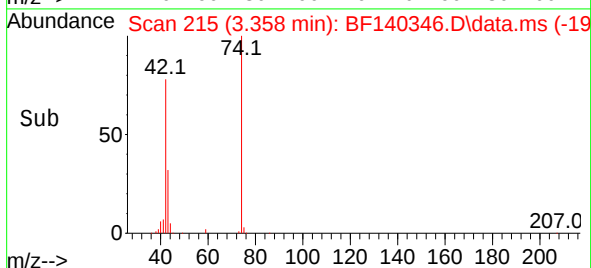
Tgt Ion:152 Resp: 150157
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 62.6 47.4 71.2

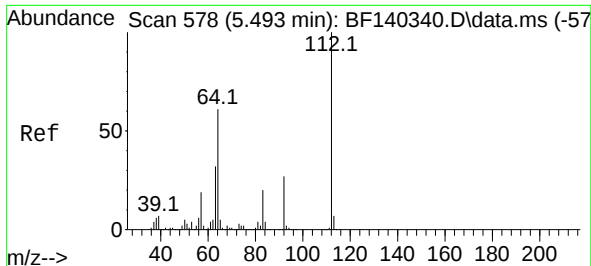


#4
n-Nitrosodimethylamine
Concen: 21.633 ng
RT: 3.358 min Scan# 215
Delta R.T. 0.000 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06



Tgt Ion: 42 Resp: 105356
Ion Ratio Lower Upper
42 100
74 127.8 103.5 155.3
44 6.7 5.1 7.7

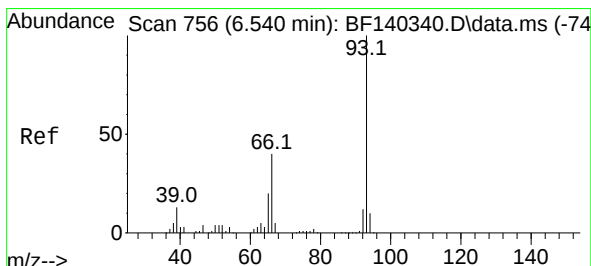
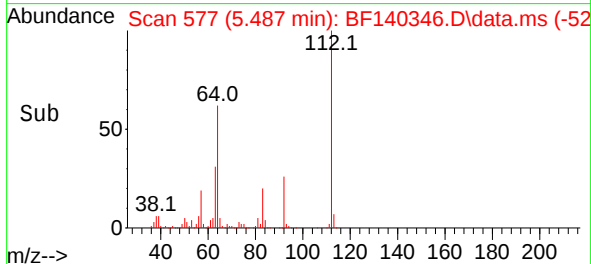
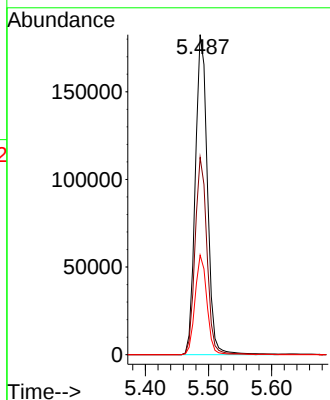
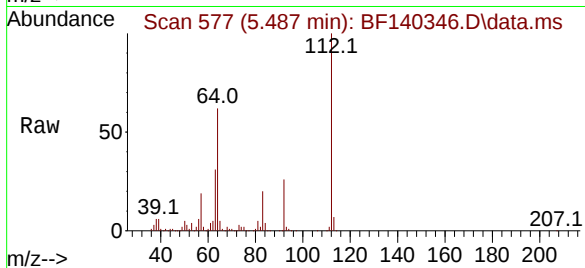




#5
2-Fluorophenol
Concen: 27.653 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

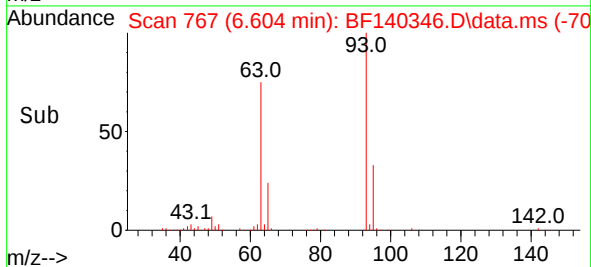
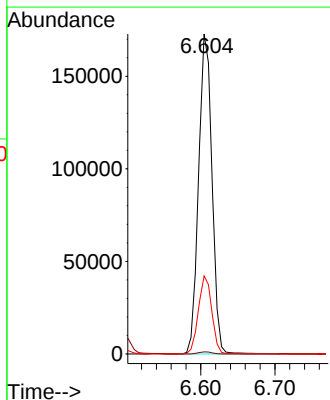
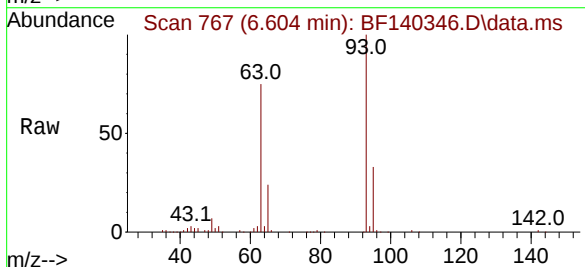
Instrument :
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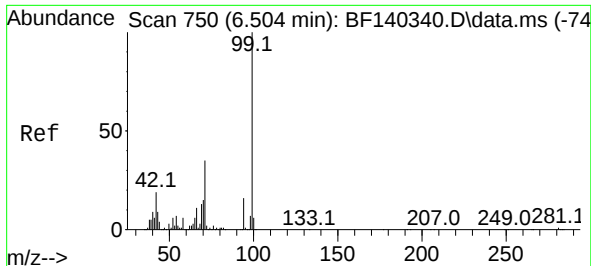
Tgt Ion:112 Resp: 243193
Ion Ratio Lower Upper
112 100
64 61.7 49.2 73.8
63 31.1 25.6 38.4



#6
Aniline
Concen: 20.929 ng
RT: 6.604 min Scan# 767
Delta R.T. 0.065 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

Tgt Ion: 93 Resp: 216928
Ion Ratio Lower Upper
93 100
66 0.7 32.8 49.2#
65 24.4 16.6 25.0





#7

Phenol-d6

Concen: 28.389 ng

RT: 6.493 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

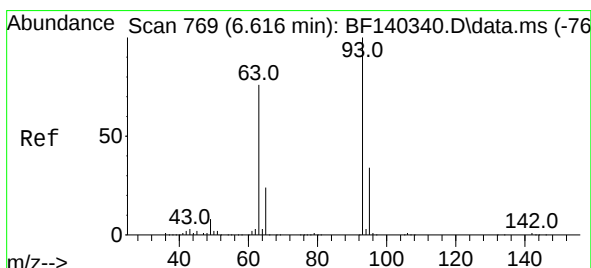
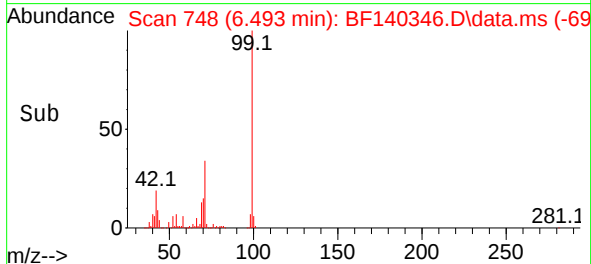
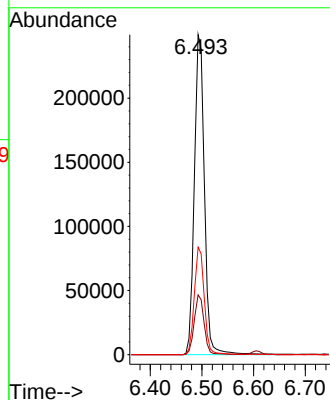
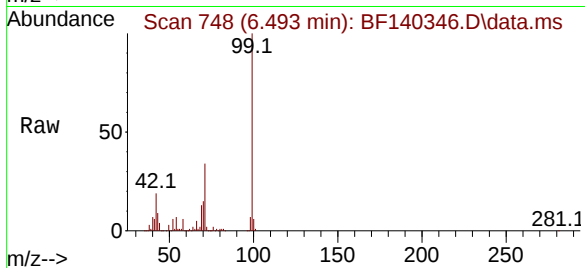
Tgt Ion: 99 Resp: 338259

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

71 33.6 27.9 41.9



#11

bis(2-Chloroethyl)ether

Concen: 22.784 ng

RT: 6.604 min Scan# 767

Delta R.T. -0.012 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

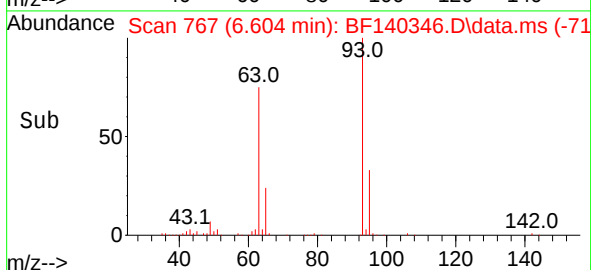
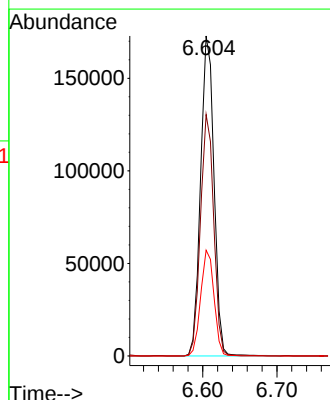
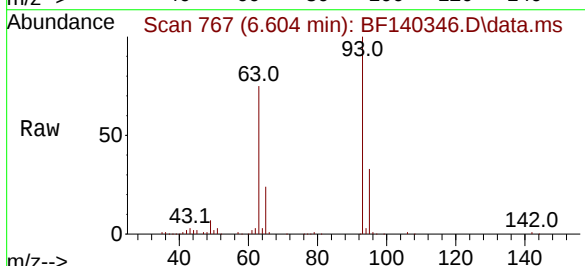
Tgt Ion: 93 Resp: 216928

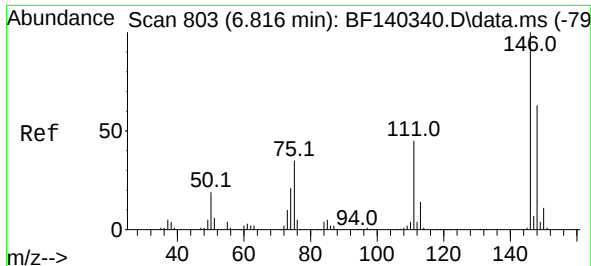
Ion Ratio Lower Upper

93 100

63 75.4 54.0 94.0

95 33.1 12.9 52.9

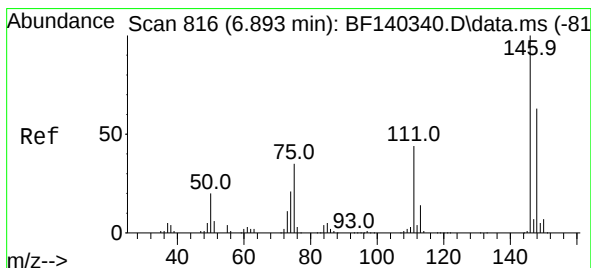
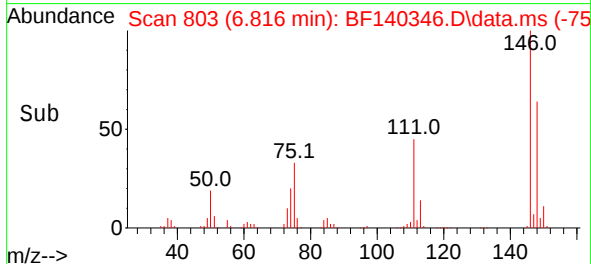
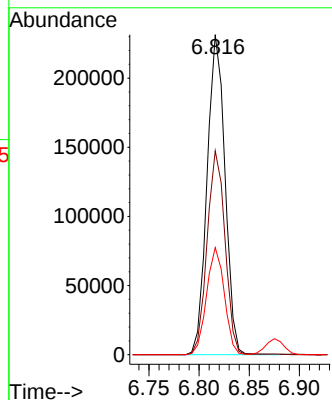
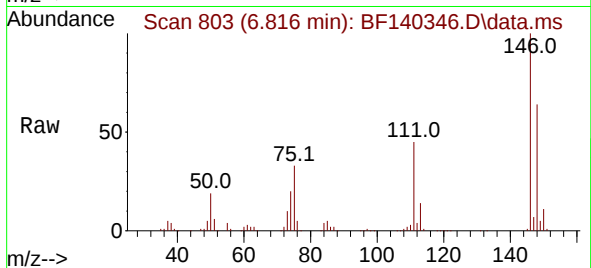




#12
1,3-Dichlorobenzene
Concen: 27.533 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

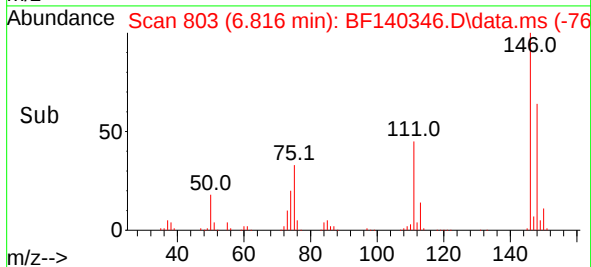
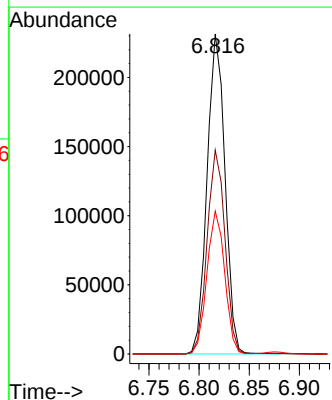
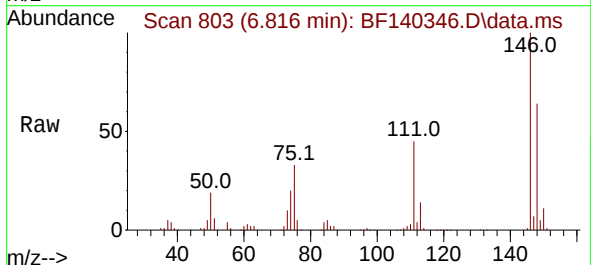
Instrument :
BNA_F
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PT-BN-WPDL

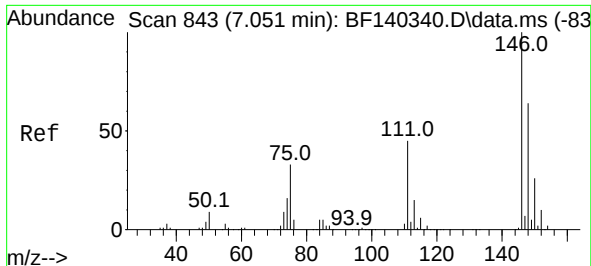
Tgt Ion:146 Resp: 286991
Ion Ratio Lower Upper
146 100
148 63.7 50.7 76.1
75 33.4 26.4 39.6



#13
1,4-Dichlorobenzene
Concen: 27.154 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.082 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

Tgt Ion:146 Resp: 286991
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
111 44.7 34.2 51.2





#14

1,2-Dichlorobenzene

Concen: 29.250 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.235 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

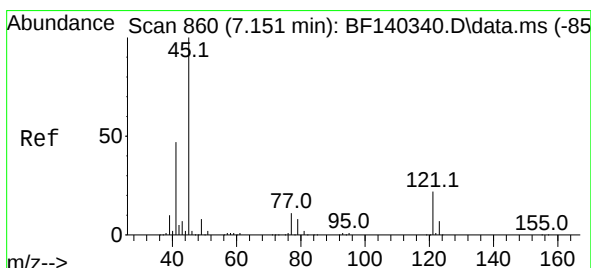
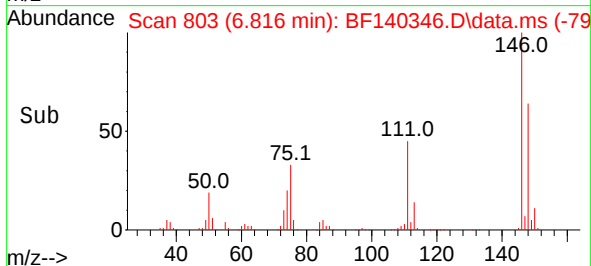
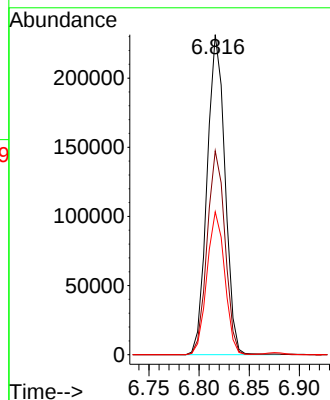
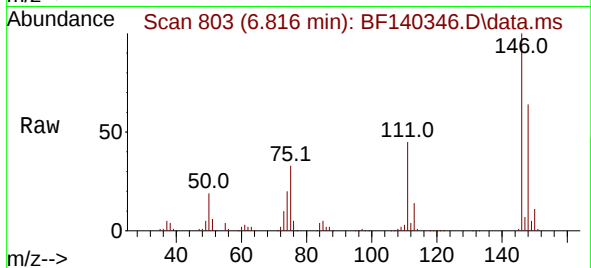
Tgt Ion:146 Resp: 286991

Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

111 44.7 36.5 54.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 13.812 ng

RT: 7.146 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

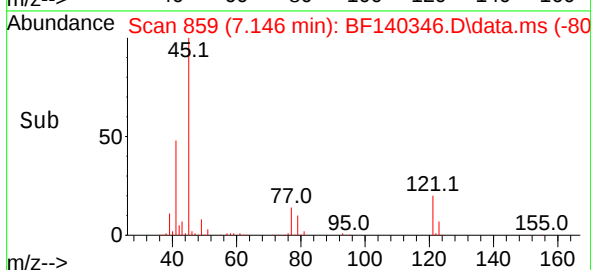
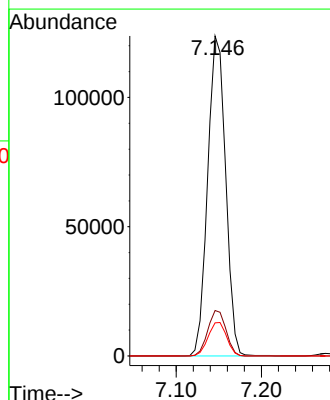
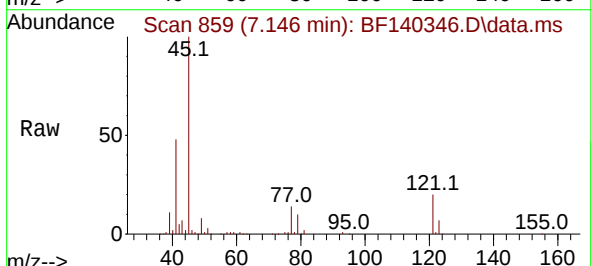
Tgt Ion: 45 Resp: 181638

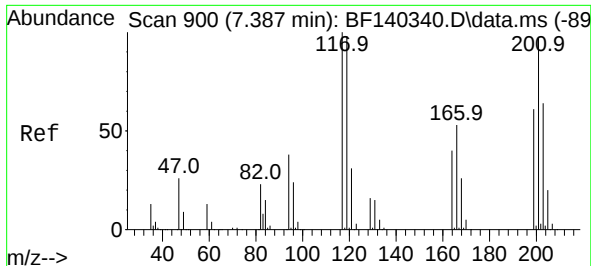
Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.8

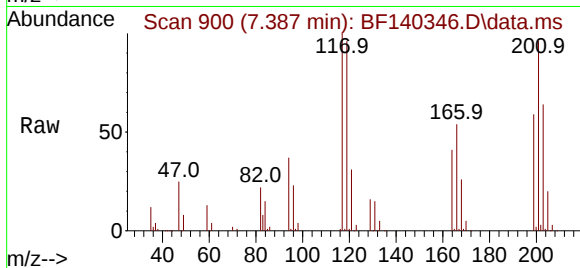
79 10.4 0.0 31.4



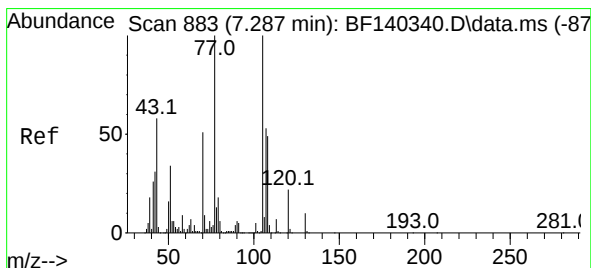
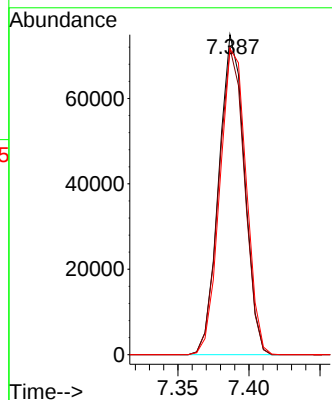
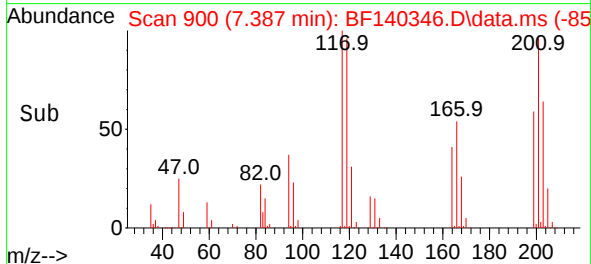


#18
Hexachloroethane
Concen: 24.020 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

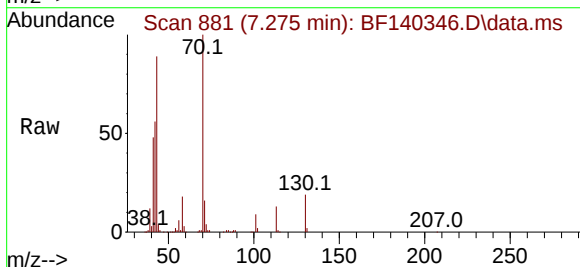
Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL



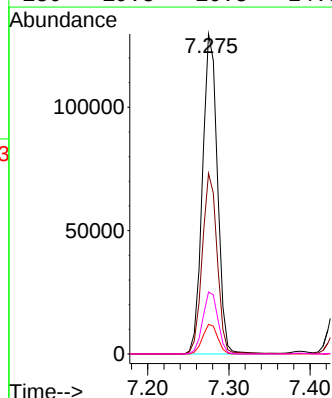
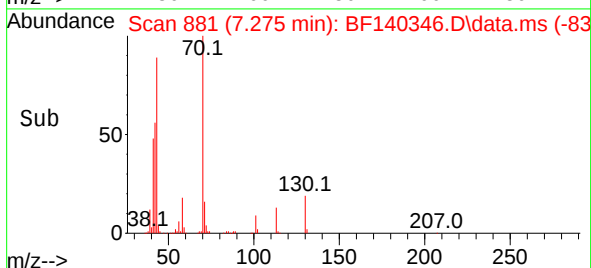
Tgt Ion:117 Resp: 93853
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3
201 95.6 80.2 120.4

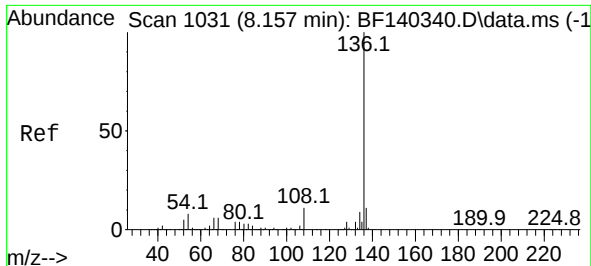


#19
n-Nitroso-di-n-propylamine
Concen: 23.114 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.018 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06



Tgt Ion: 70 Resp: 166339
Ion Ratio Lower Upper
70 100
42 56.4 46.8 70.2
101 9.3 7.5 11.3
130 19.3 16.3 24.5

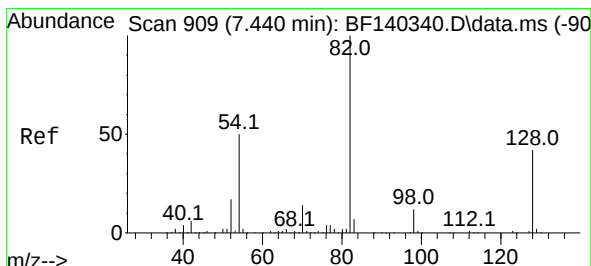
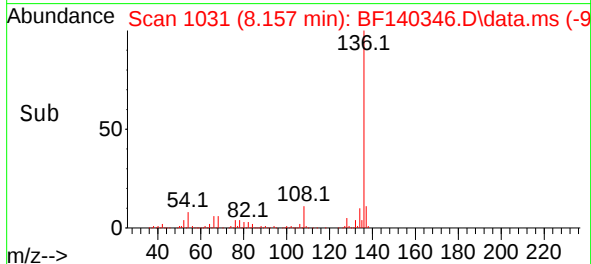
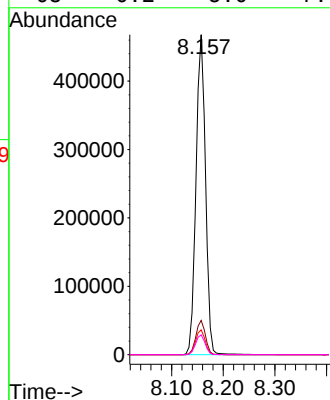
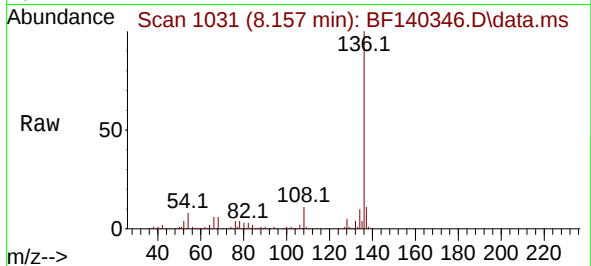




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

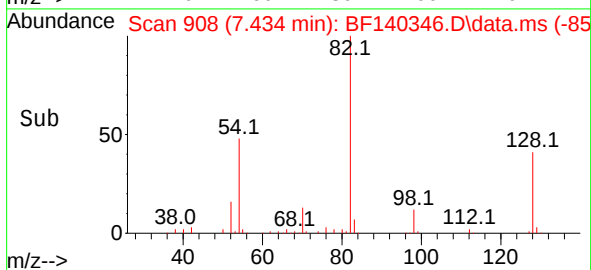
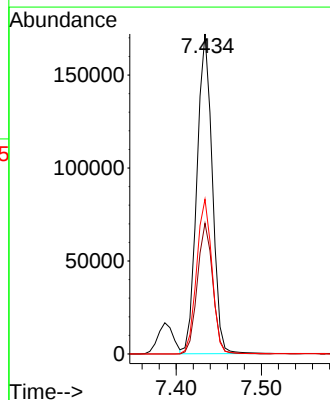
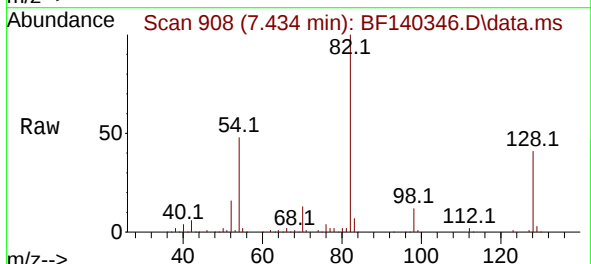
Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

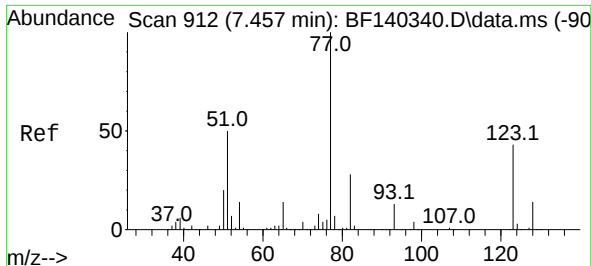
Tgt Ion:136 Resp: 597830
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.7 6.5 9.7
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 18.753 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

Tgt Ion: 82 Resp: 215178
Ion Ratio Lower Upper
82 100
128 40.9 33.3 49.9
54 48.3 39.8 59.8





#24

Nitrobenzene

Concen: 3.877 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

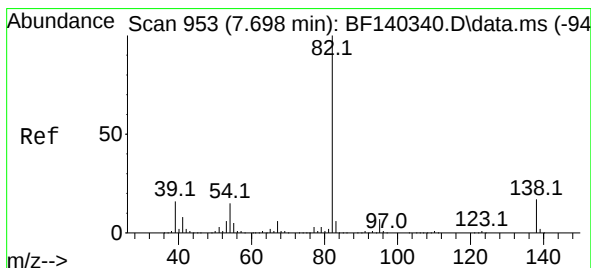
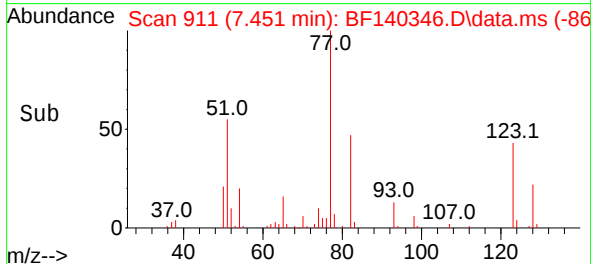
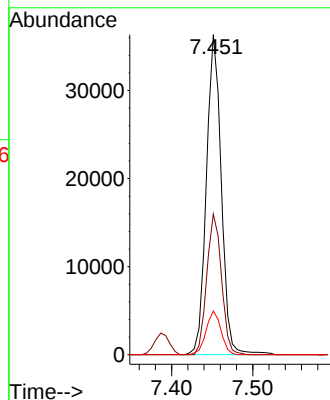
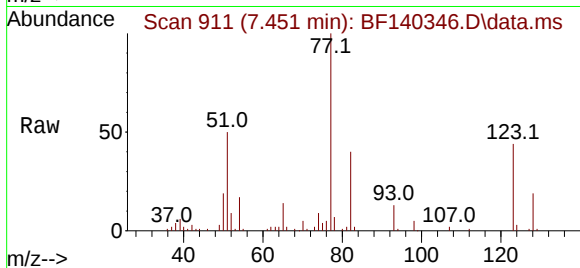
Tgt Ion: 77 Resp: 46315

Ion Ratio Lower Upper

77 100

123 44.0 35.4 53.0

65 13.6 11.1 16.7



#25

Isophorone

Concen: 10.494 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.265 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

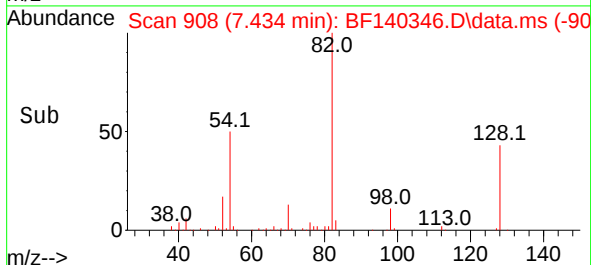
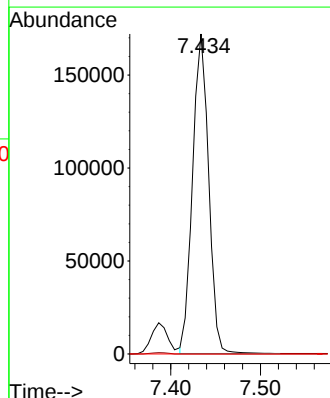
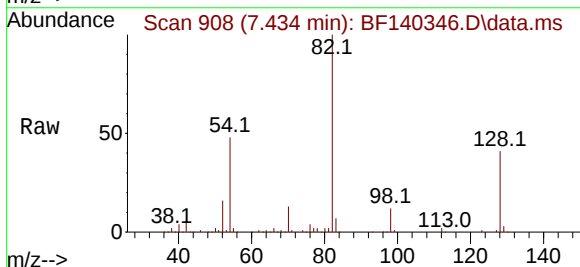
Tgt Ion: 82 Resp: 213401

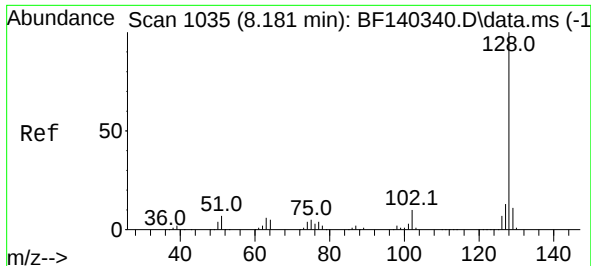
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 13.4 20.2#

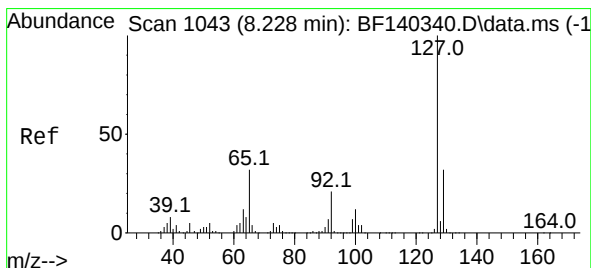
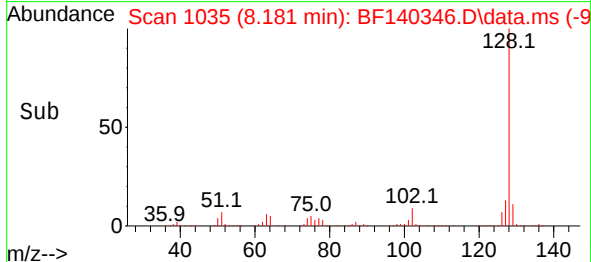
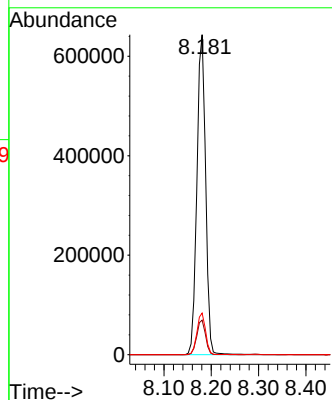
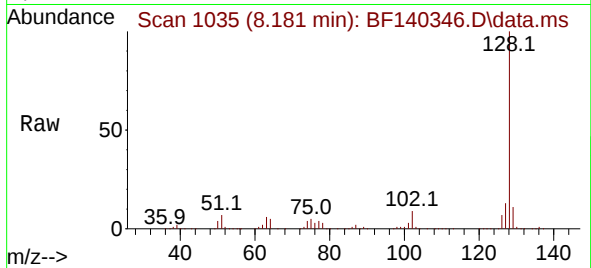




#31
Naphthalene
Concen: 27.168 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

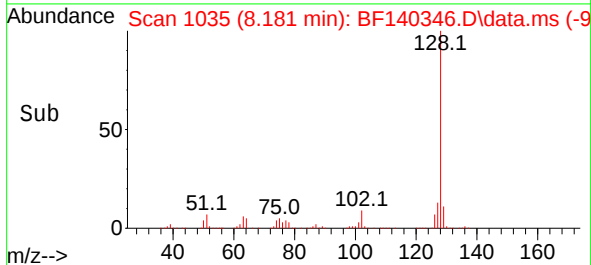
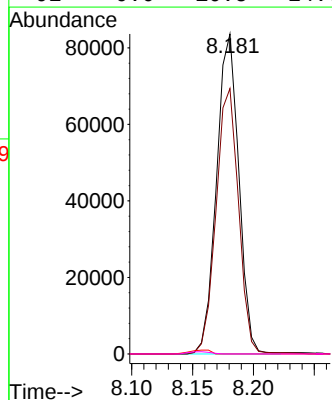
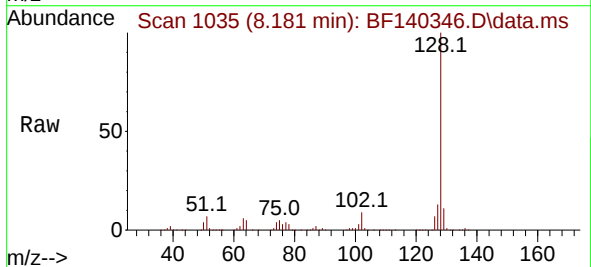
Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

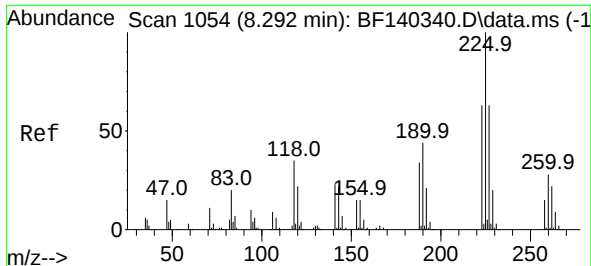
Tgt Ion:128 Resp: 823926
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 10.6 15.8



#33
4-Chloroaniline
Concen: 10.094 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.047 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

Tgt Ion:127 Resp: 106455
Ion Ratio Lower Upper
127 100
129 82.9 26.2 39.4#
65 0.0 25.8 38.6#
92 0.0 16.5 24.7#





#34

Hexachlorobutadiene

Concen: 13.601 ng

RT: 8.293 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

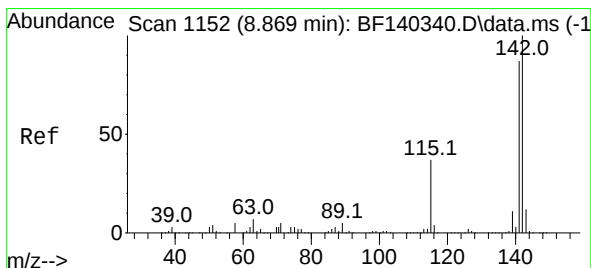
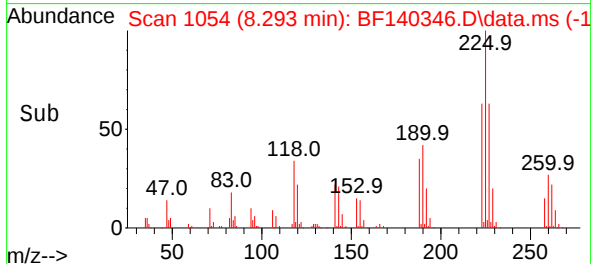
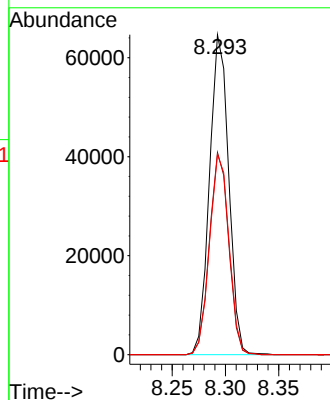
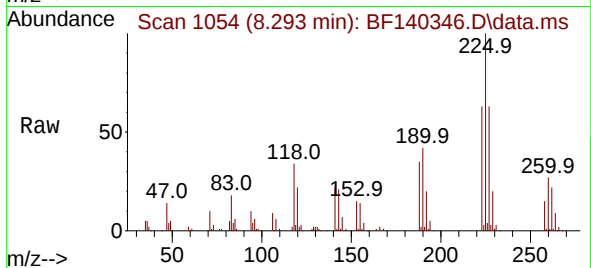
Tgt Ion:225 Resp: 80926

Ion Ratio Lower Upper

225 100

223 63.2 50.1 75.1

227 62.6 51.3 76.9



#37

2-Methylnaphthalene

Concen: 16.983 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140346.D

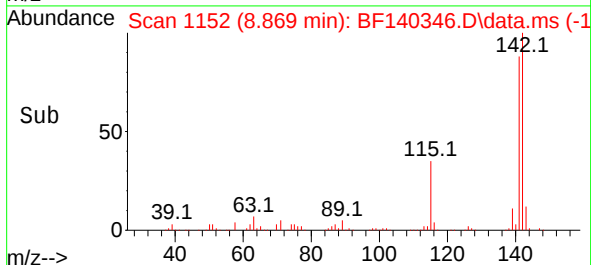
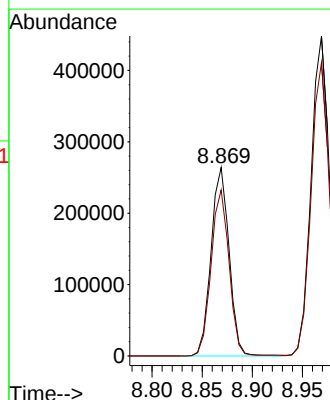
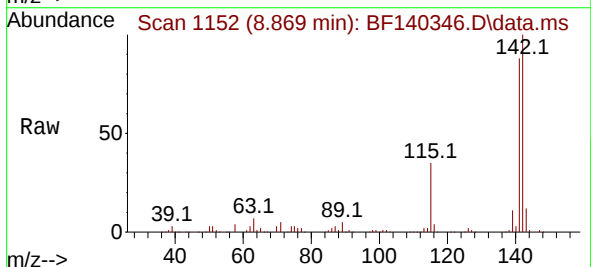
Acq: 13 Nov 2024 17:06

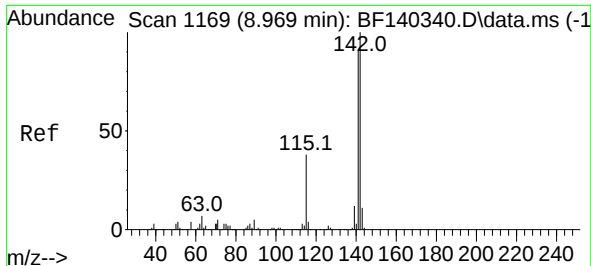
Tgt Ion:142 Resp: 330251

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6





#38

1-Methylnaphthalene

Concen: 29.699 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

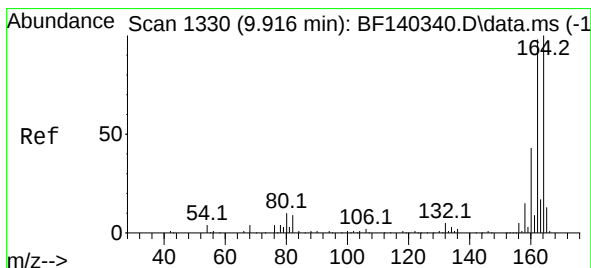
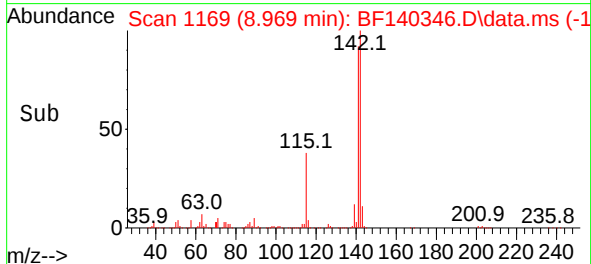
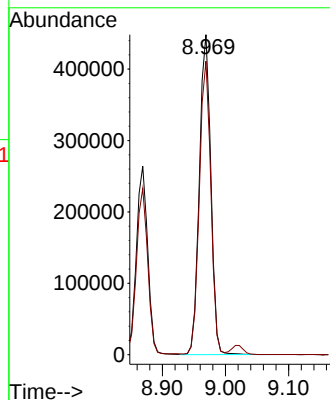
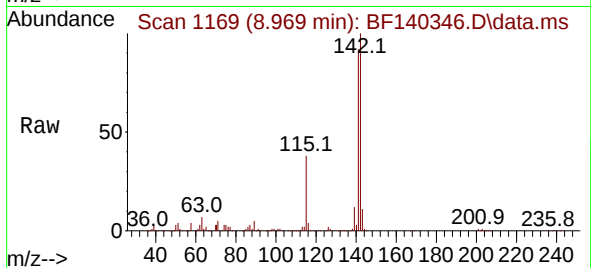
PT-BN-WPDL

Tgt Ion:142 Resp: 565548

Ion Ratio Lower Upper

142 100

141 91.7 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: BF140346.D

Acq: 13 Nov 2024 17:06

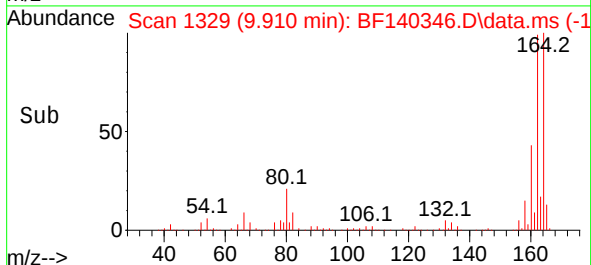
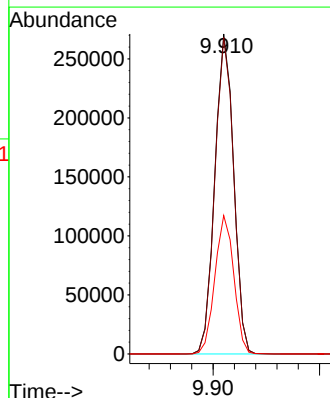
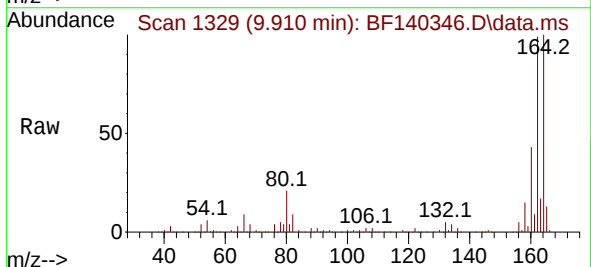
Tgt Ion:164 Resp: 332464

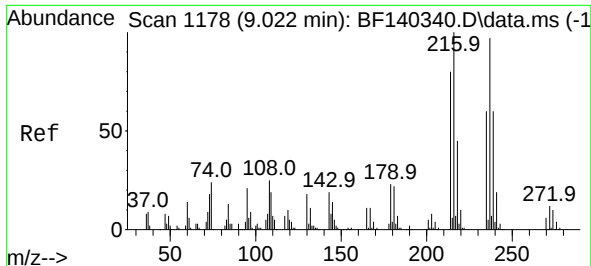
Ion Ratio Lower Upper

164 100

162 98.9 79.8 119.8

160 43.2 35.4 53.0

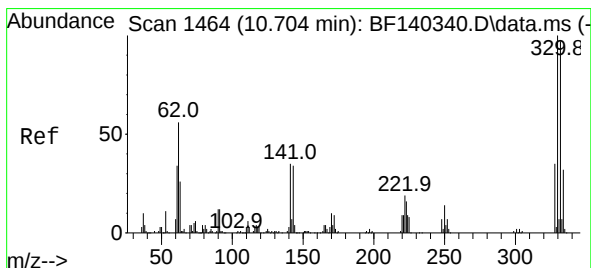
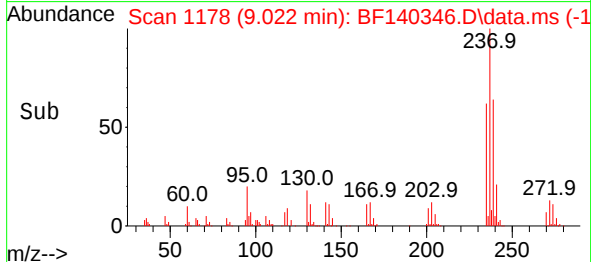
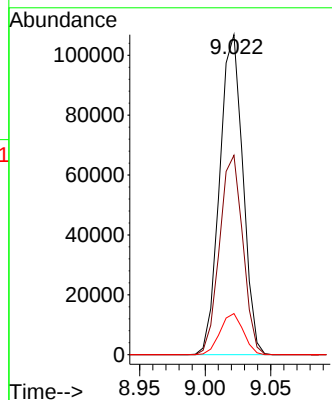
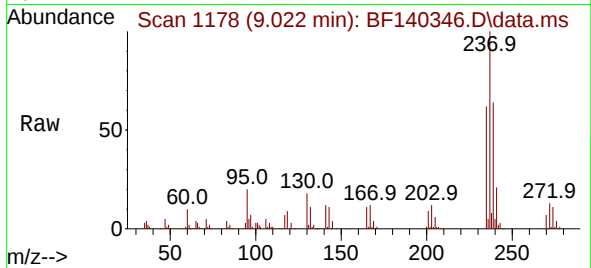




#41
Hexachlorocyclopentadiene
Concen: 55.613 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

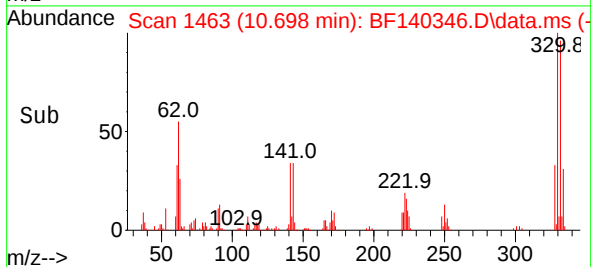
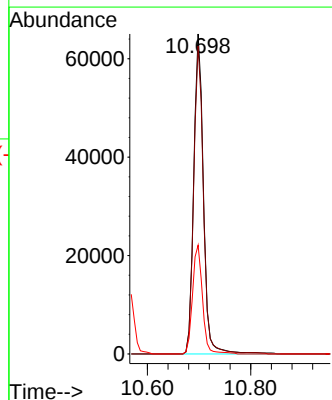
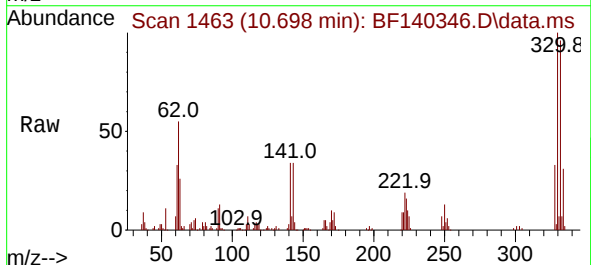
Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

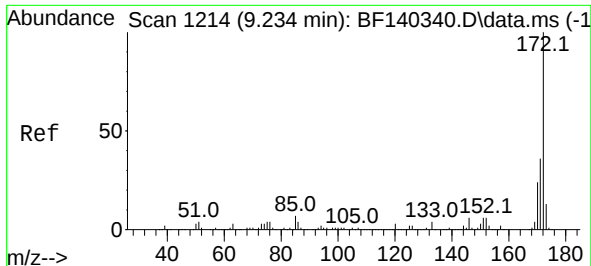
Tgt Ion:237 Resp: 131276
Ion Ratio Lower Upper
237 100
235 62.3 42.8 82.8
272 12.8 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 25.739 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

Tgt Ion:330 Resp: 85096
Ion Ratio Lower Upper
330 100
332 95.5 75.9 113.9
141 34.7 26.9 40.3

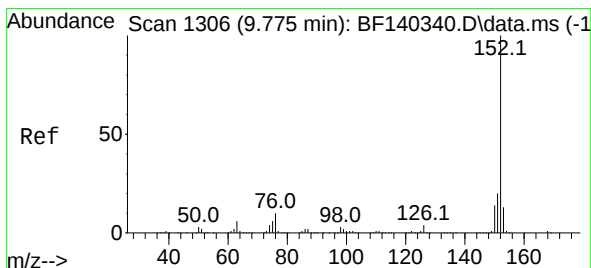
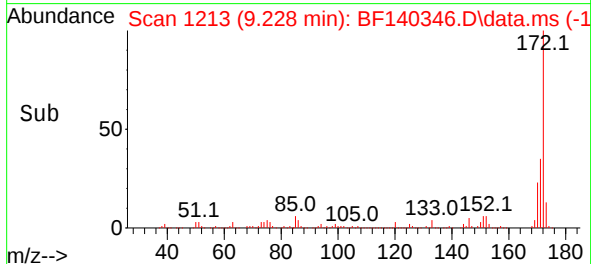
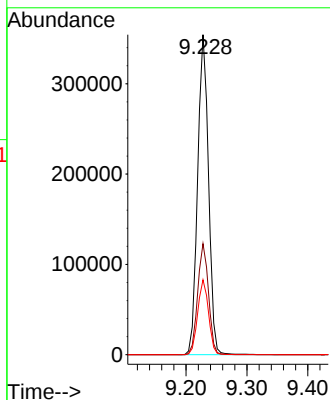
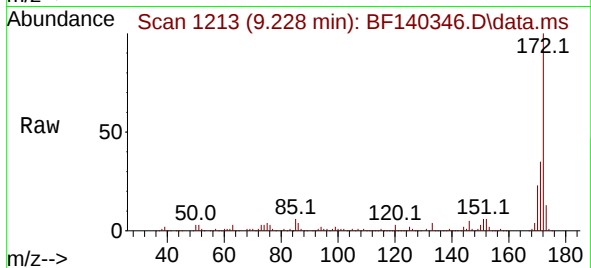




#45
2-Fluorobiphenyl
Concen: 21.278 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

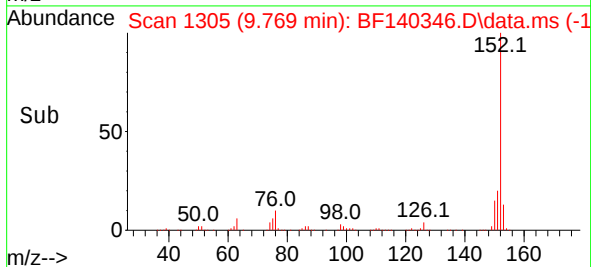
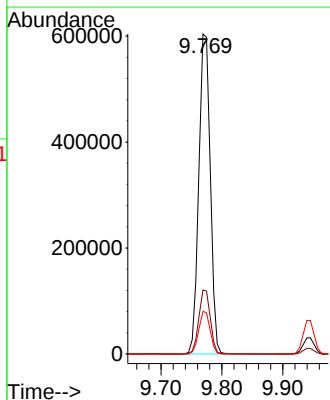
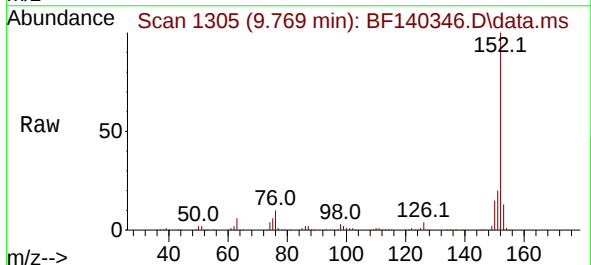
Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

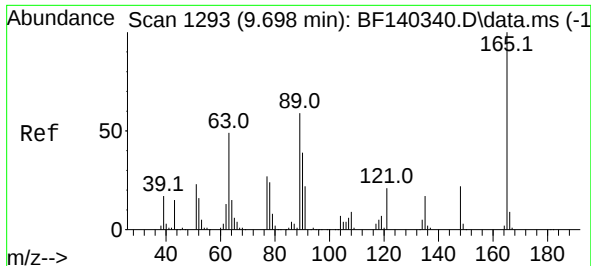
Tgt Ion:172 Resp: 440060
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.4 19.1 28.7



#49
Acenaphthylene
Concen: 28.337 ng
RT: 9.769 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

Tgt Ion:152 Resp: 789926
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.3 10.7 16.1





#51

2,6-Dinitrotoluene

Concen: 16.012 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

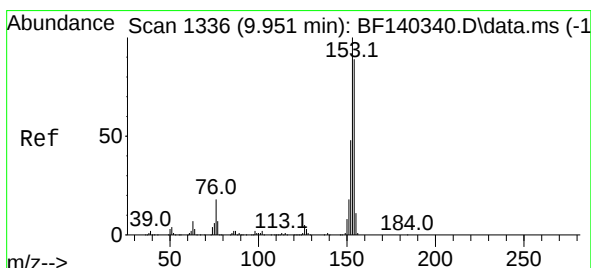
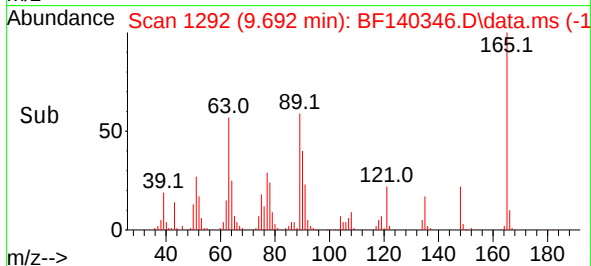
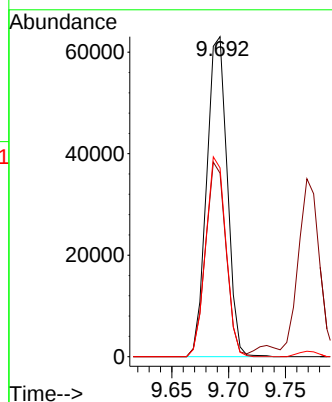
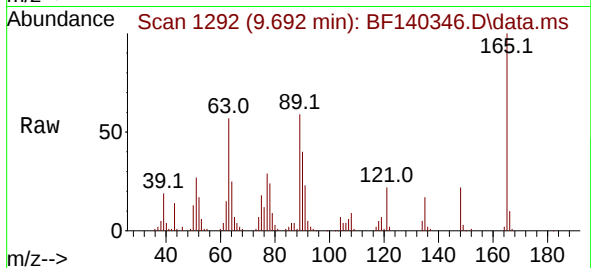
Tgt Ion:165 Resp: 79106

Ion Ratio Lower Upper

165 100

63 57.4 47.6 71.4

89 59.0 48.1 72.1



#52

Acenaphthene

Concen: 3.873 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.012 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

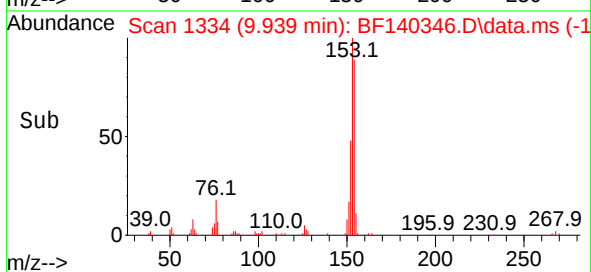
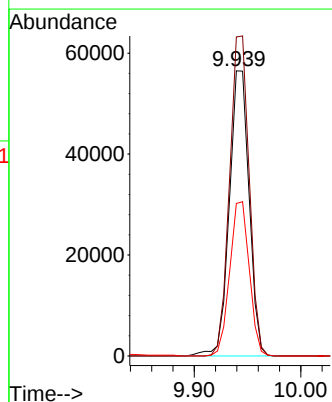
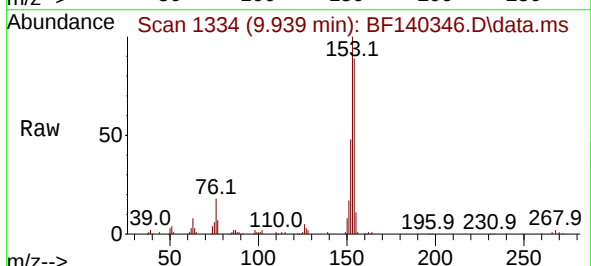
Tgt Ion:154 Resp: 72917

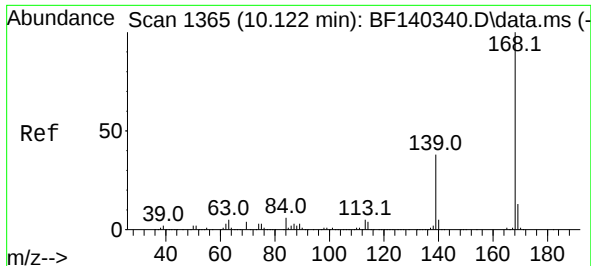
Ion Ratio Lower Upper

154 100

153 111.9 89.8 134.8

152 53.5 42.6 64.0





#55

Dibenzenofuran

Concen: 11.529 ng

RT: 10.116 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

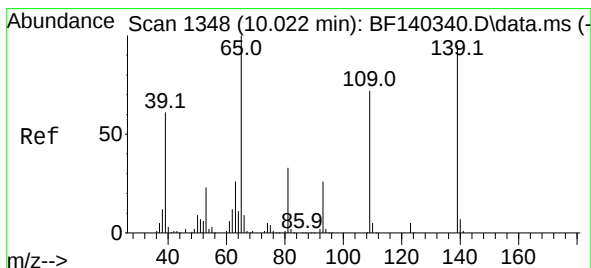
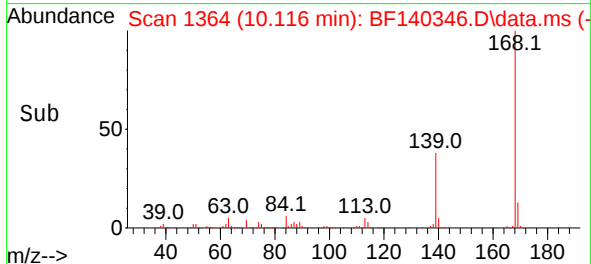
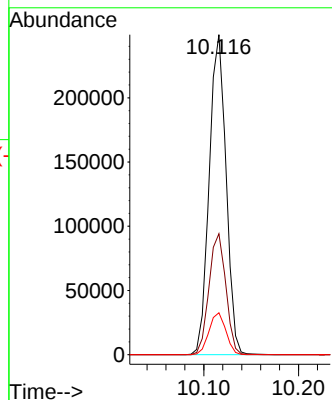
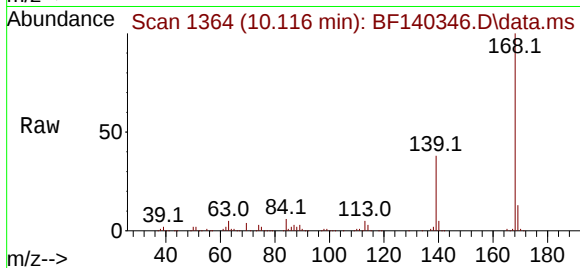
Tgt Ion:168 Resp: 307285

Ion Ratio Lower Upper

168 100

139 37.8 30.8 46.2

169 13.1 10.8 16.2



#56

4-Nitrophenol

Concen: 30.805 ng

RT: 10.116 min Scan# 1364

Delta R.T. 0.094 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

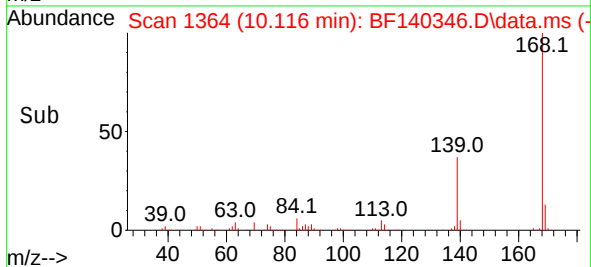
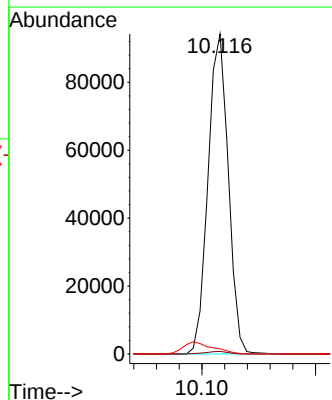
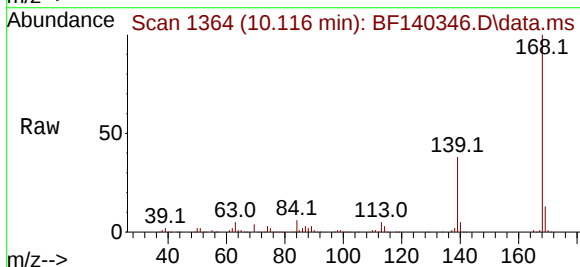
Tgt Ion:139 Resp: 116577

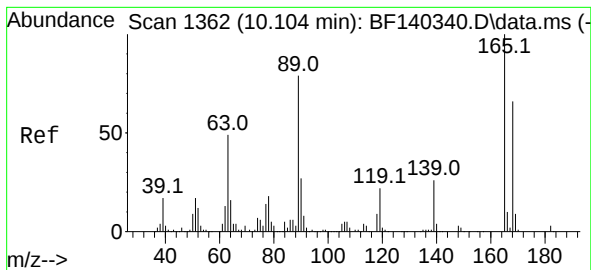
Ion Ratio Lower Upper

139 100

109 0.8 54.5 94.5#

65 1.6 84.4 124.4#

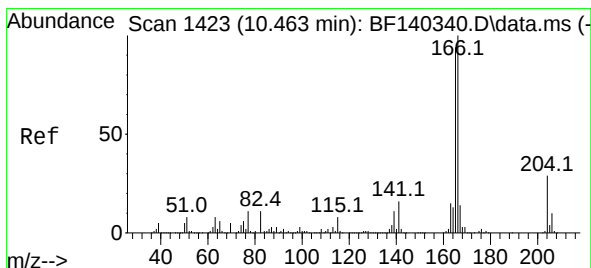
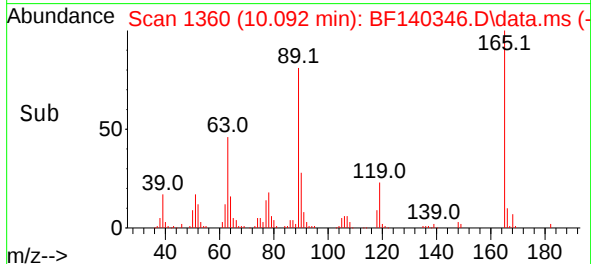
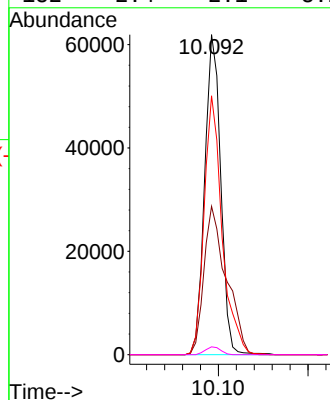
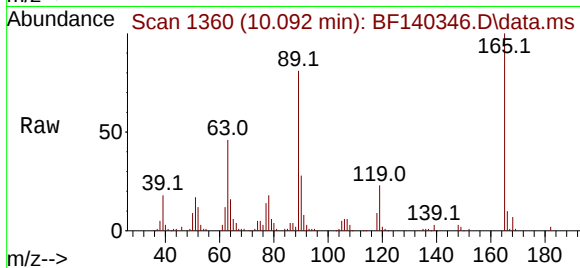




#57
2,4-Dinitrotoluene
Concen: 11.801 ng
RT: 10.092 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

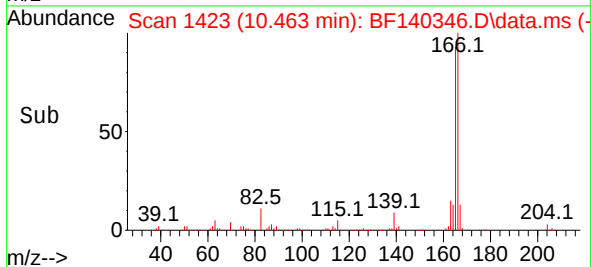
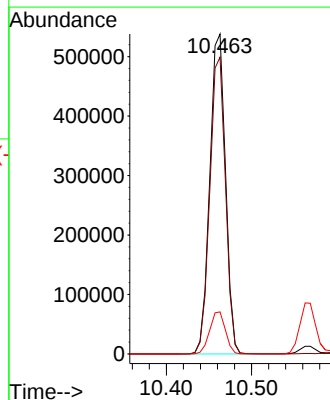
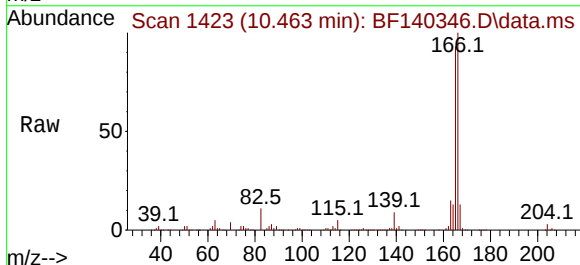
Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

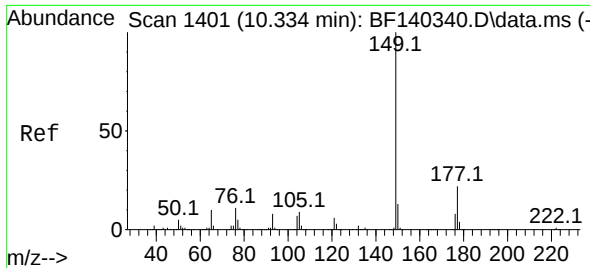
Tgt Ion:165 Resp: 76731
Ion Ratio Lower Upper
165 100
63 46.3 39.4 59.0
89 80.9 62.4 93.6
182 2.4 2.1 3.1



#58
Fluorene
Concen: 32.794 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

Tgt Ion:166 Resp: 690512
Ion Ratio Lower Upper
166 100
165 92.7 73.9 110.9
167 13.1 10.9 16.3

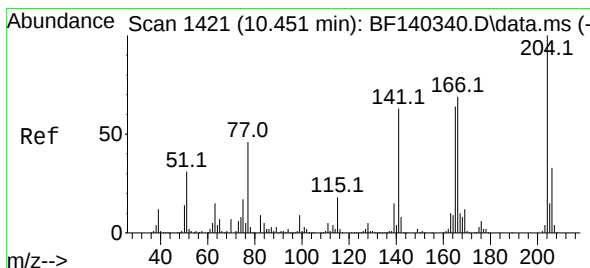
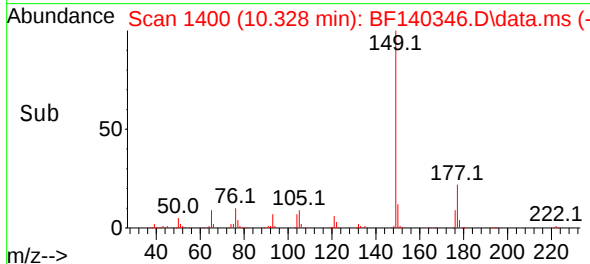
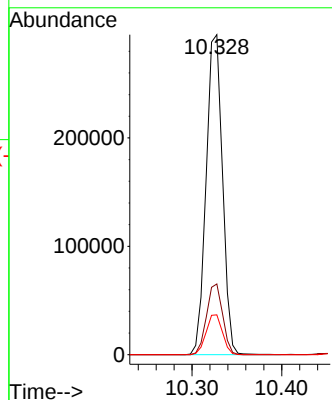
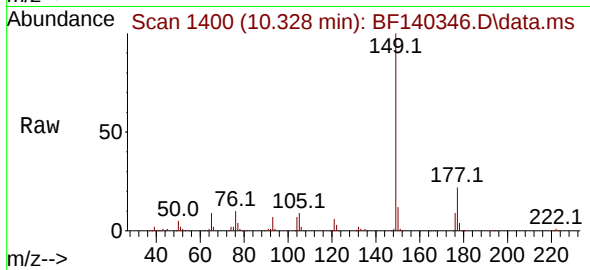




#60
Diethylphthalate
Concen: 16.859 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

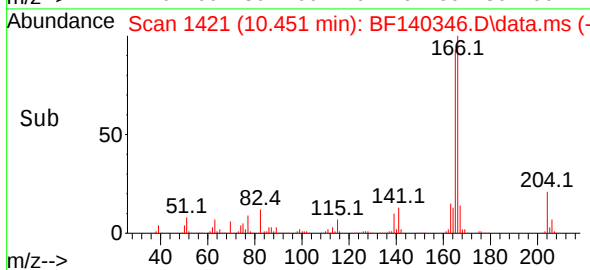
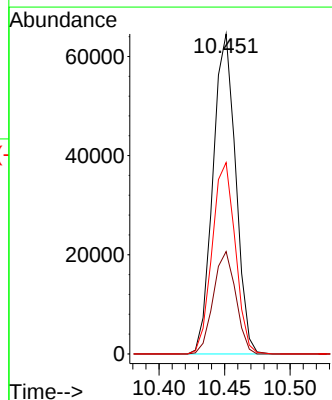
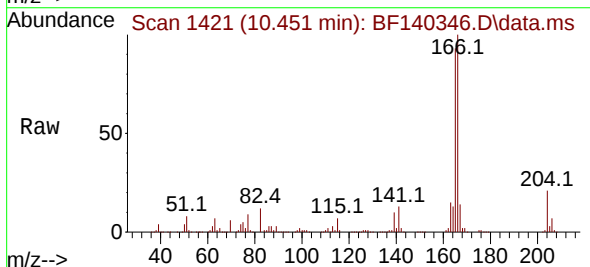
Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

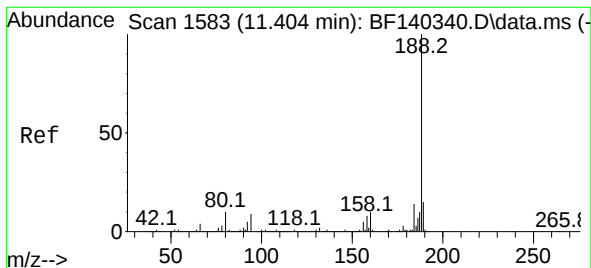
Tgt Ion:149 Resp: 373585
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.5 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 7.480 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

Tgt Ion:204 Resp: 77760
Ion Ratio Lower Upper
204 100
206 32.0 26.0 39.0
141 59.8 49.8 74.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

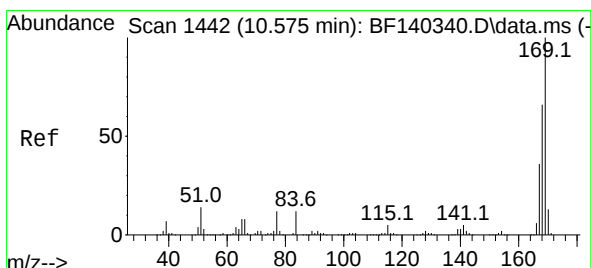
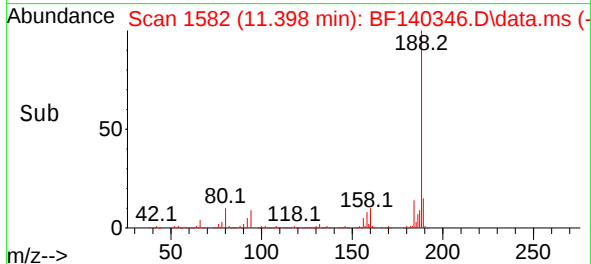
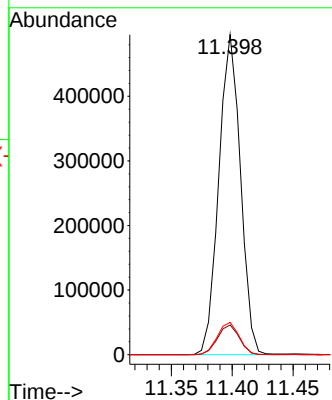
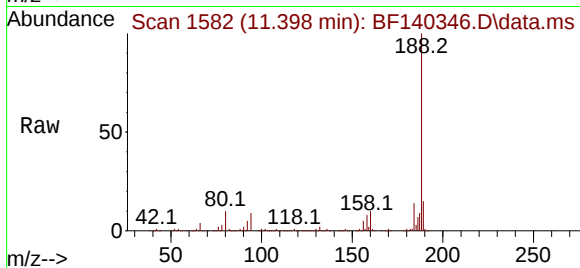
Tgt Ion:188 Resp: 613958

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.1 8.0 12.0



#66

n-Nitrosodiphenylamine

Concen: 17.387 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

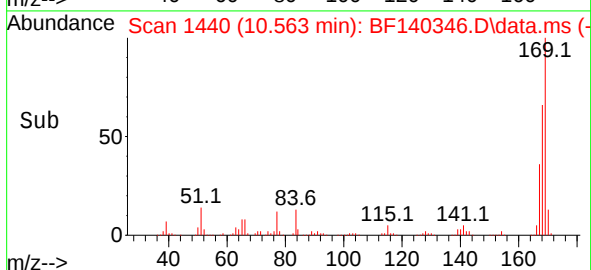
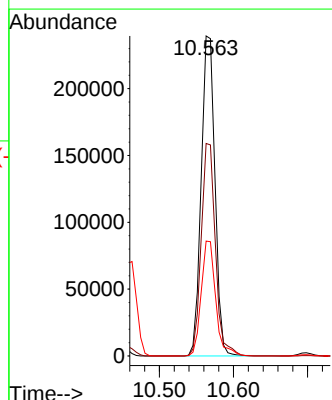
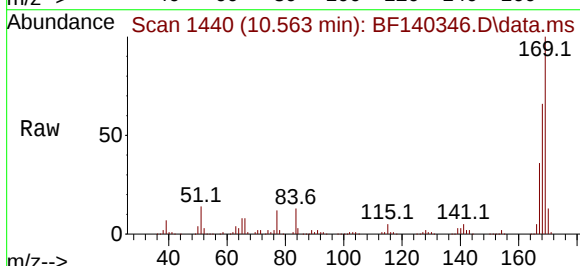
Tgt Ion:169 Resp: 308429

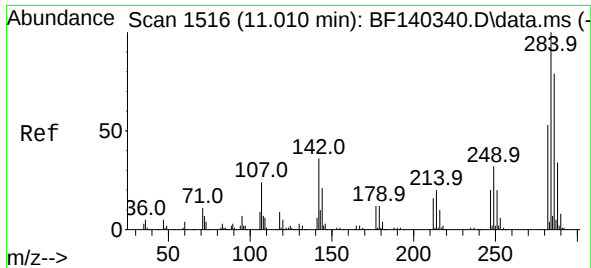
Ion Ratio Lower Upper

169 100

168 66.4 52.7 79.1

167 35.9 29.3 43.9





#68
Hexachlorobenzene
Concen: 27.471 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

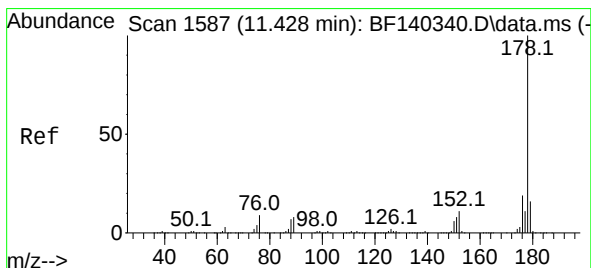
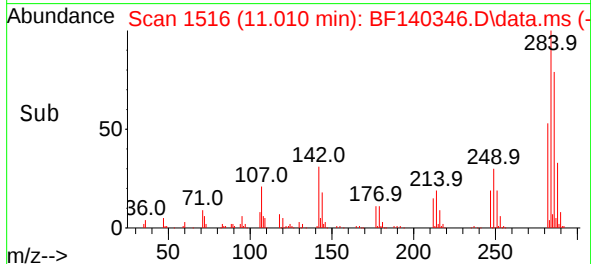
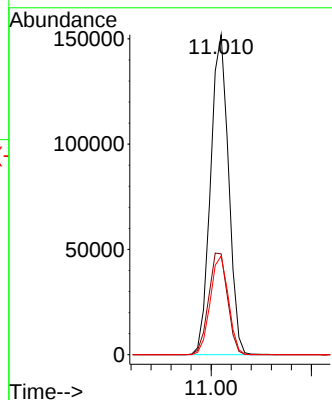
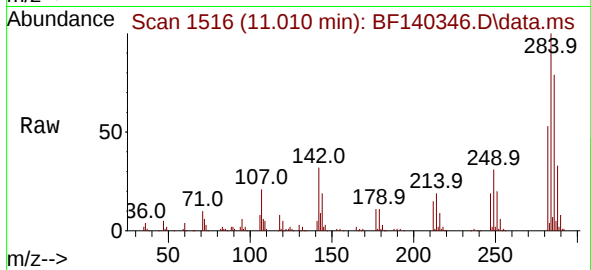
Instrument :

BNA_F

ClientSampleId :

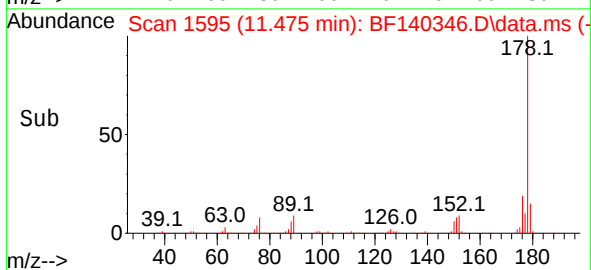
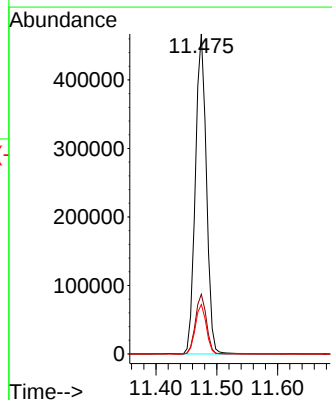
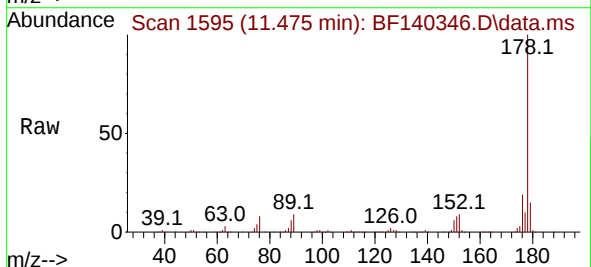
PT-BN-WPDL

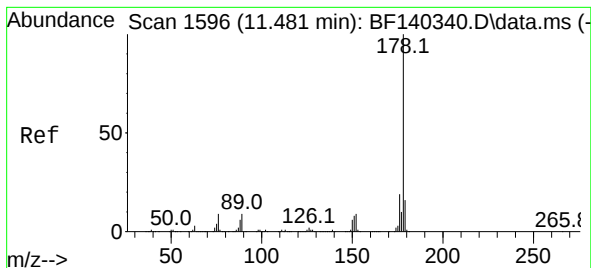
Tgt Ion:284 Resp: 189691
Ion Ratio Lower Upper
284 100
142 31.5 28.1 42.1
249 30.8 24.9 37.3



#71
Phenanthrene
Concen: 20.367 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.047 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

Tgt Ion:178 Resp: 587410
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.5 12.4 18.6





#72

Anthracene

Concen: 20.781 ng

RT: 11.475 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

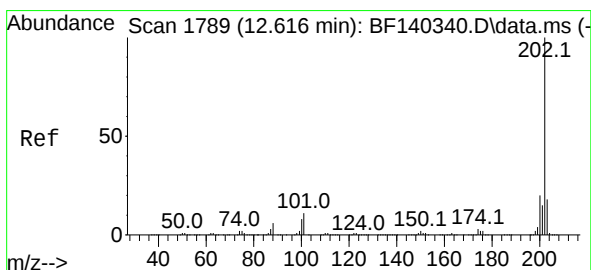
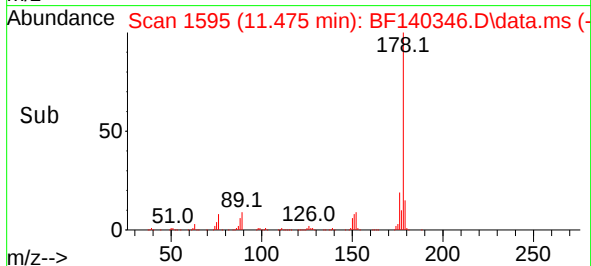
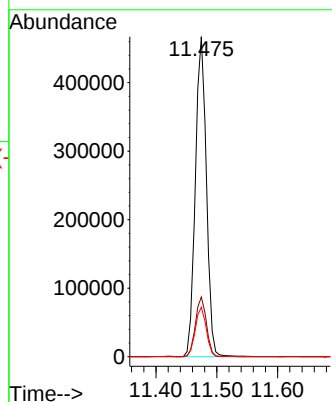
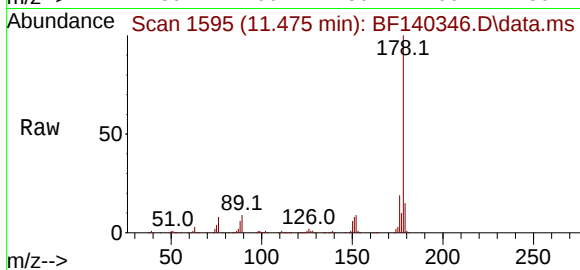
Tgt Ion:178 Resp: 587410

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

179 15.5 12.6 18.8



#75

Fluoranthene

Concen: 6.457 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.224 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

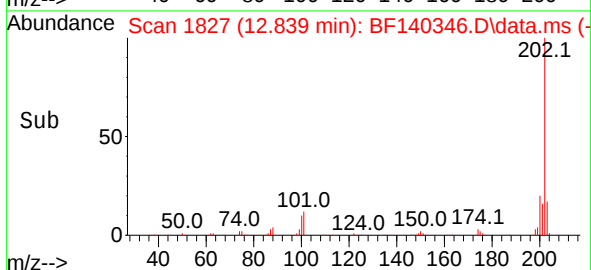
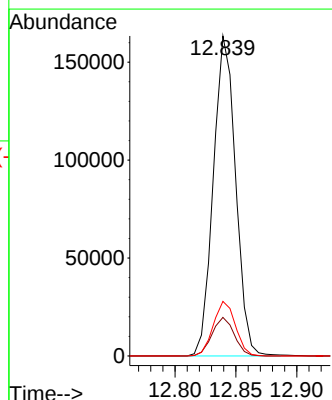
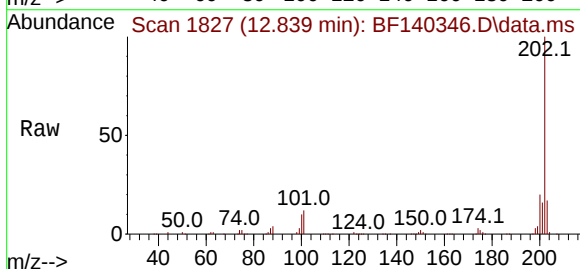
Tgt Ion:202 Resp: 208934

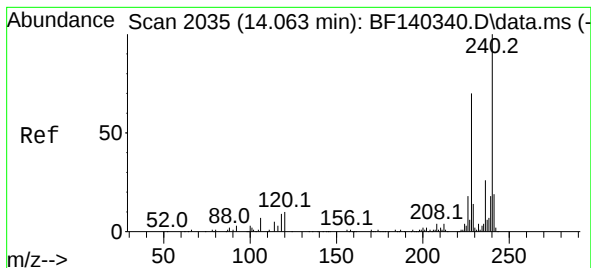
Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.7

203 17.1 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

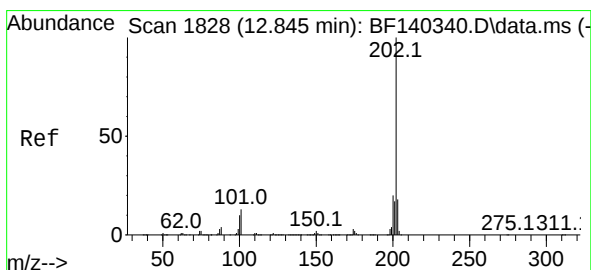
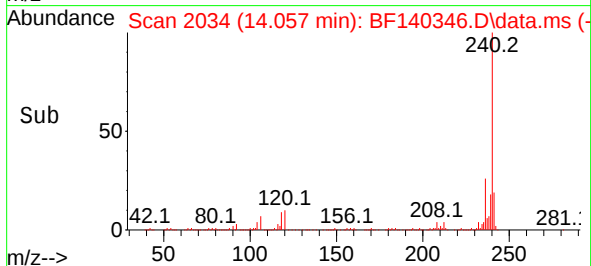
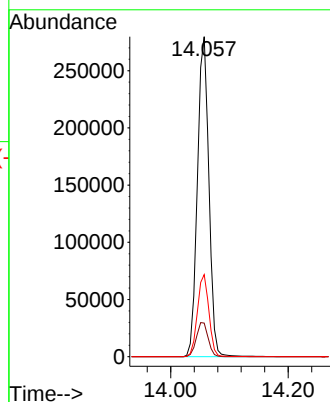
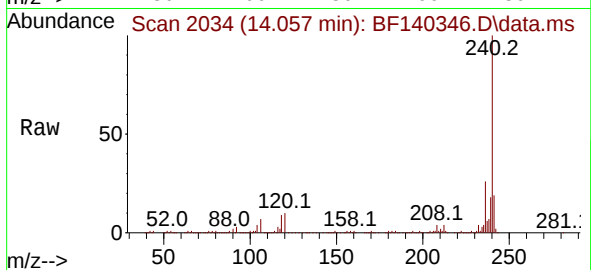
Tgt Ion:240 Resp: 377931

Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

236 25.7 20.9 31.3



#78

Pyrene

Concen: 6.471 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

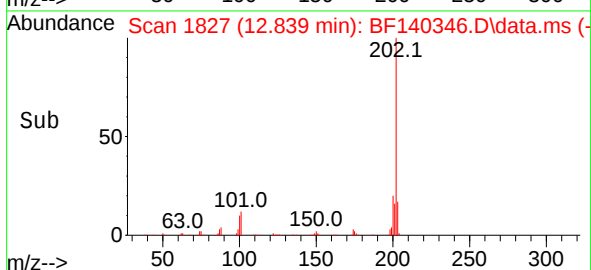
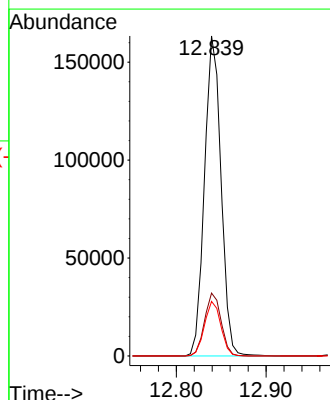
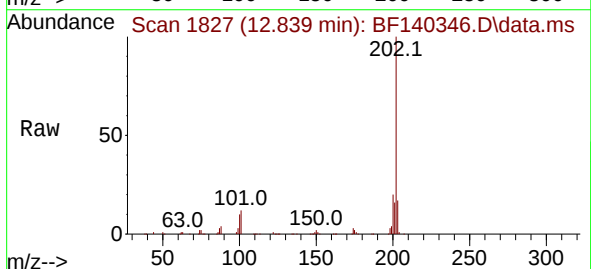
Tgt Ion:202 Resp: 209203

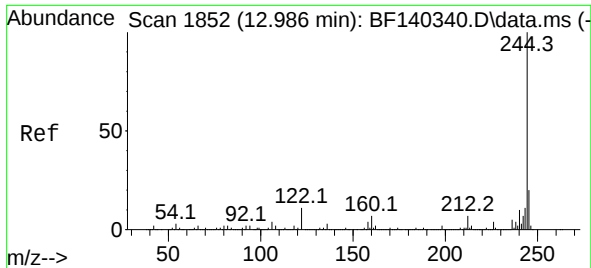
Ion Ratio Lower Upper

202 100

200 19.7 16.2 24.2

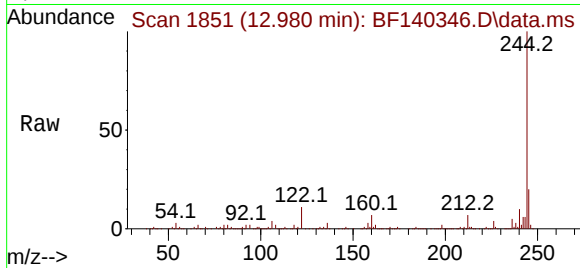
203 17.1 14.2 21.4



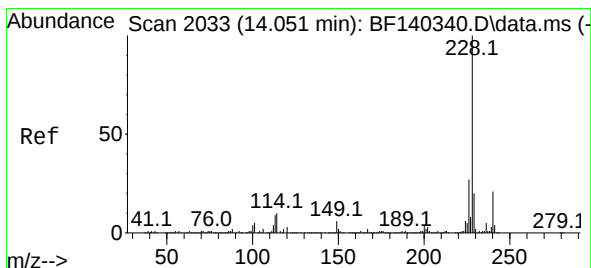
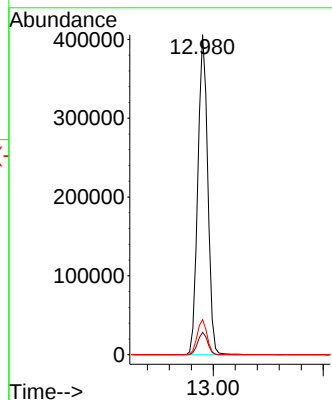
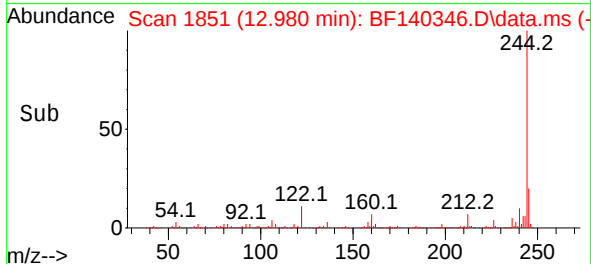


#79
 Terphenyl-d14
 Concen: 23.319 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF140346.D
 Acq: 13 Nov 2024 17:06

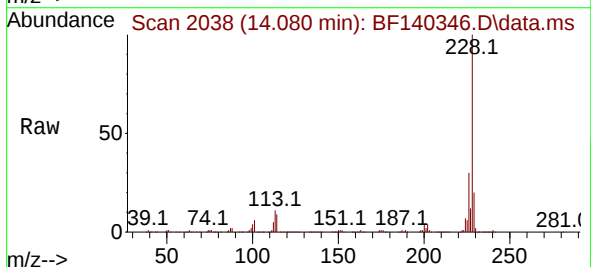
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL



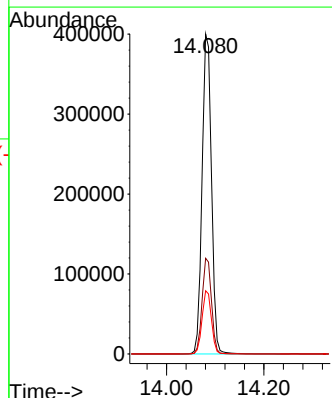
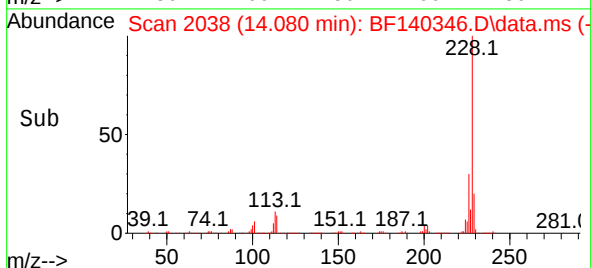
Tgt Ion:244 Resp: 507724
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.0 8.8 13.2

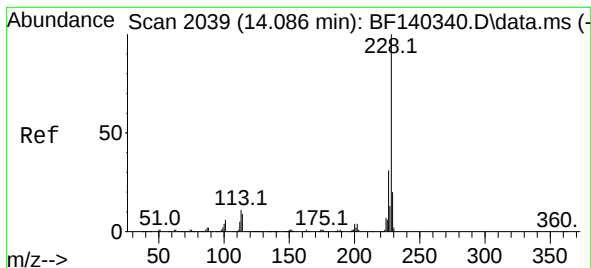


#81
 Benzo(a)anthracene
 Concen: 21.618 ng
 RT: 14.080 min Scan# 2038
 Delta R.T. 0.041 min
 Lab File: BF140346.D
 Acq: 13 Nov 2024 17:06



Tgt Ion:228 Resp: 536965
 Ion Ratio Lower Upper
 228 100
 226 29.9 22.2 33.4
 229 19.8 15.8 23.6





#83

Chrysene

Concen: 23.693 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

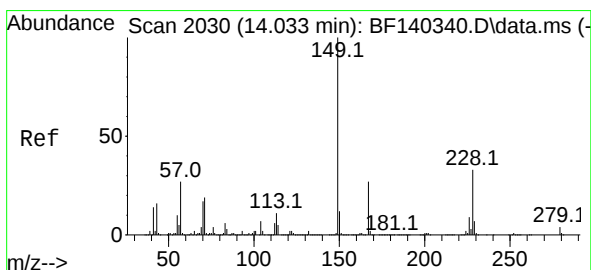
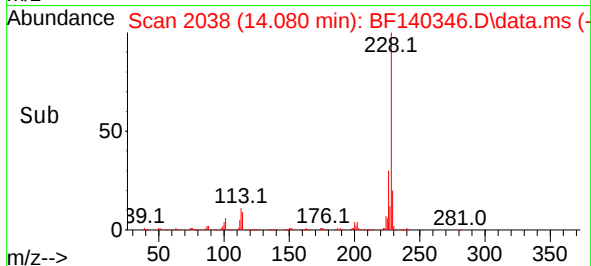
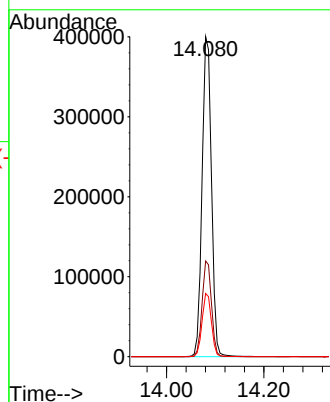
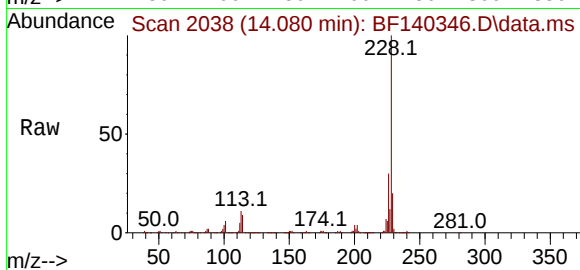
Tgt Ion:228 Resp: 536965

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 17.709 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.012 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

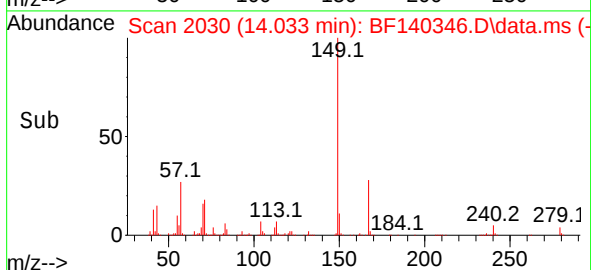
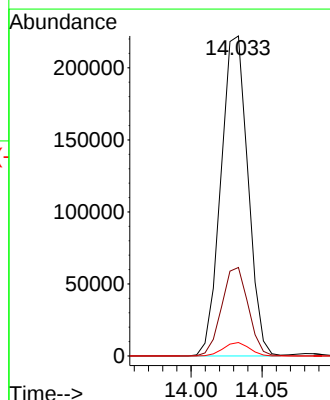
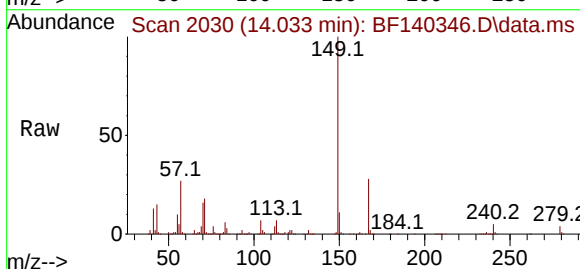
Tgt Ion:149 Resp: 293549

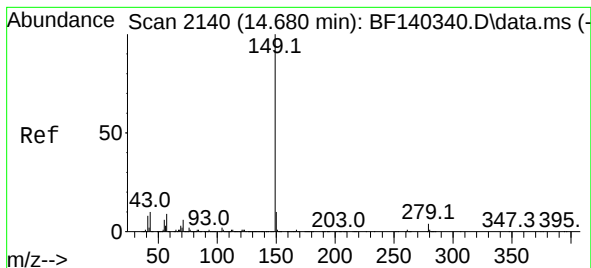
Ion Ratio Lower Upper

149 100

167 27.7 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 22.208 ng

RT: 14.680 min Scan# 2140

Delta R.T. 0.018 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

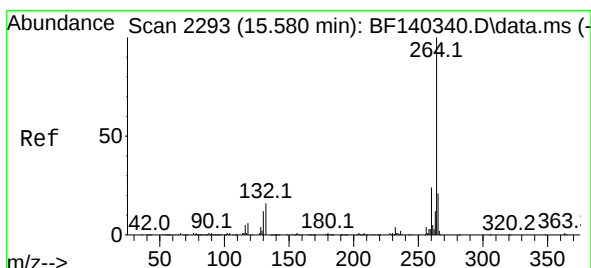
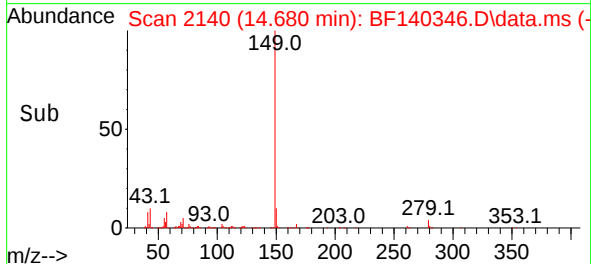
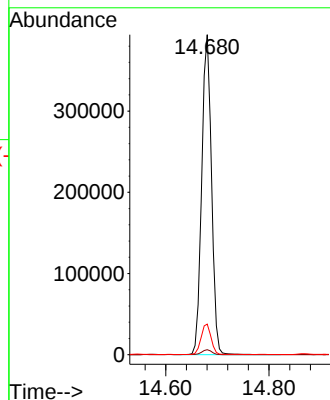
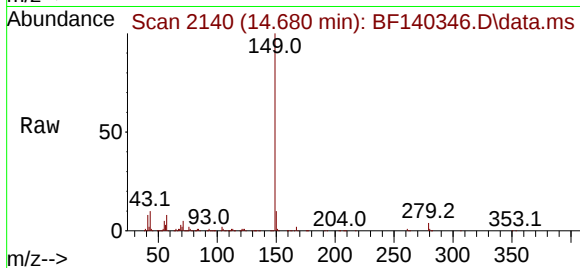
Tgt Ion:149 Resp: 518449

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.7 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.018 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

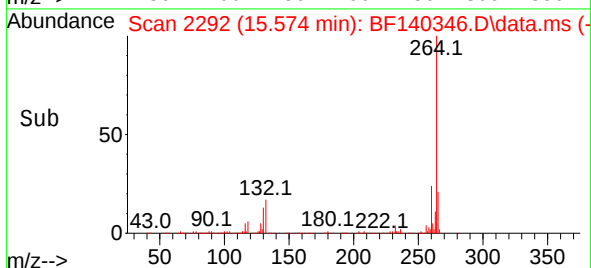
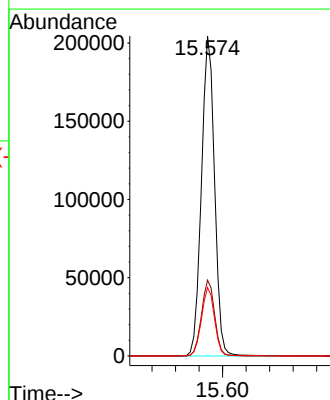
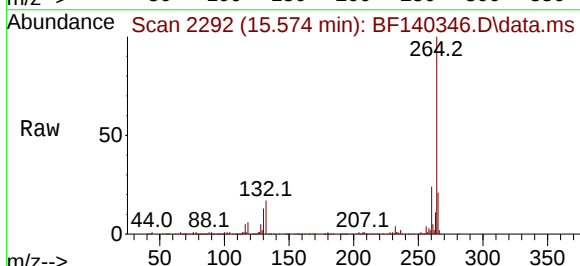
Tgt Ion:264 Resp: 317059

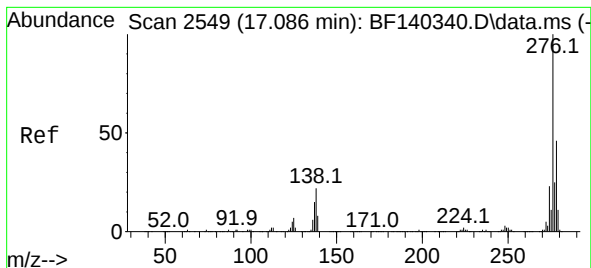
Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.943 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

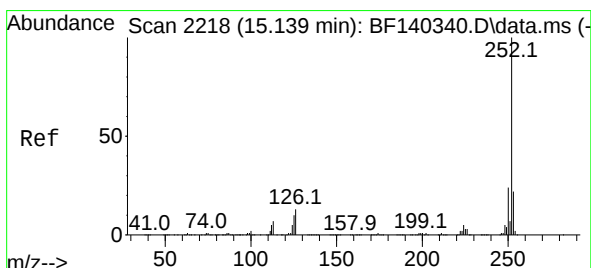
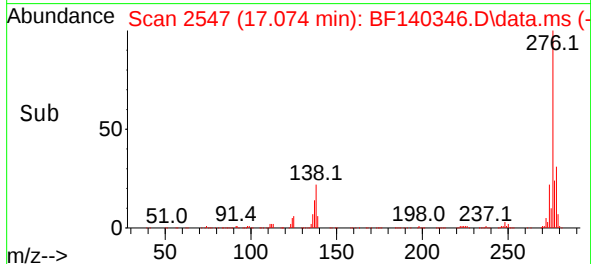
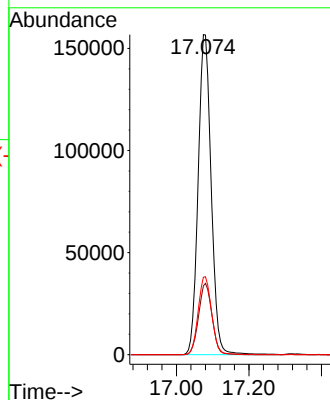
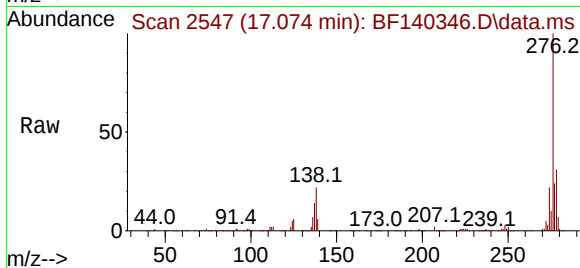
Tgt Ion:276 Resp: 390599

Ion Ratio Lower Upper

276 100

138 22.9 18.8 28.2

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 7.626 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.018 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

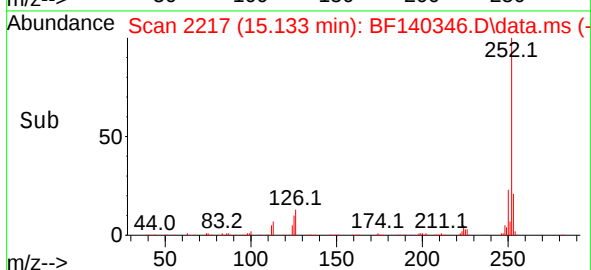
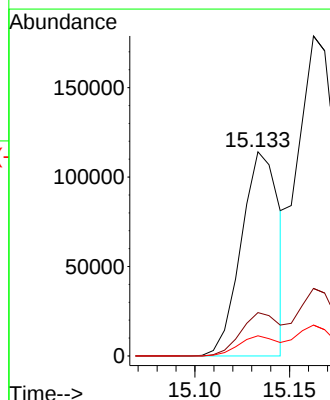
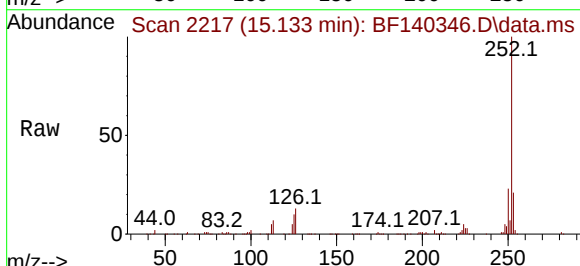
Tgt Ion:252 Resp: 158159

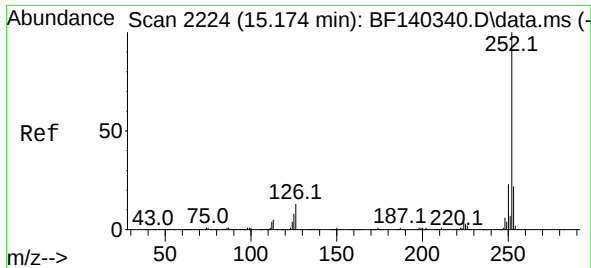
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 9.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 15.630 ng

RT: 15.163 min Scan# 2222

Delta R.T. 0.012 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

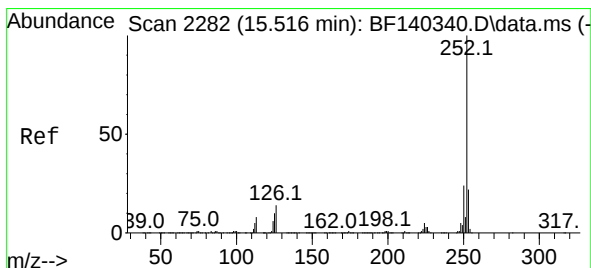
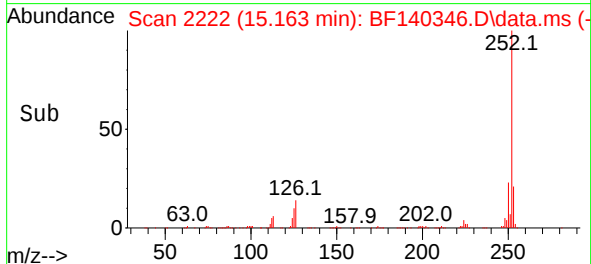
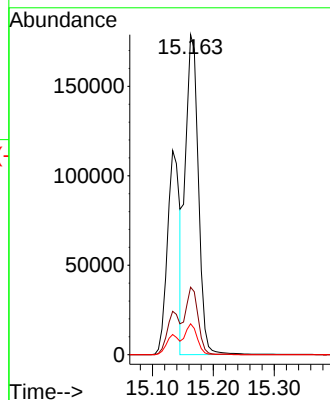
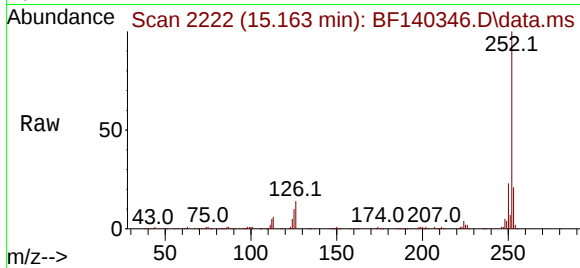
Tgt Ion:252 Resp: 264829

Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

125 9.7 7.4 11.2



#90

Benzo(a)pyrene

Concen: 11.959 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.018 min

Lab File: BF140346.D

Acq: 13 Nov 2024 17:06

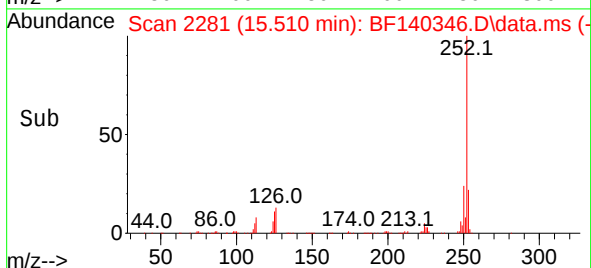
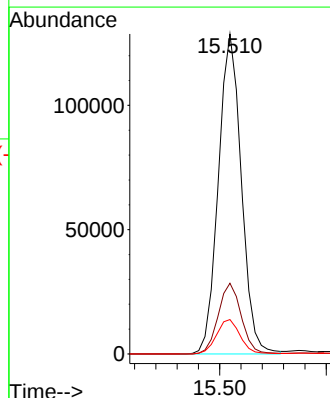
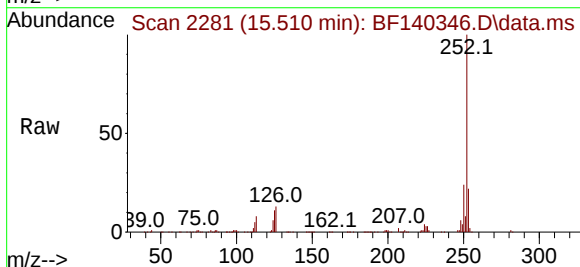
Tgt Ion:252 Resp: 192623

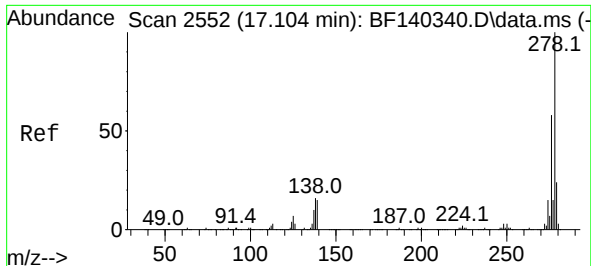
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.8 8.4 12.6

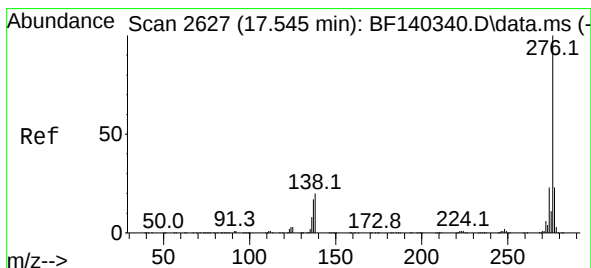
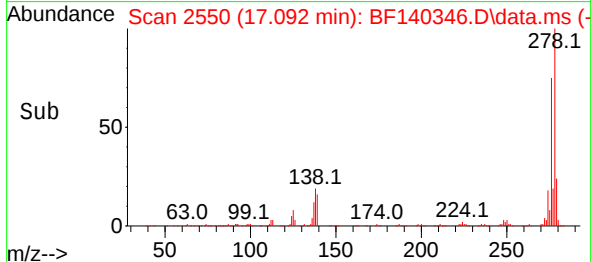
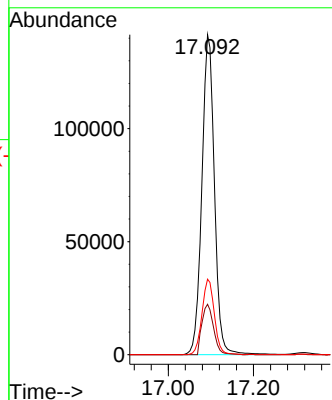
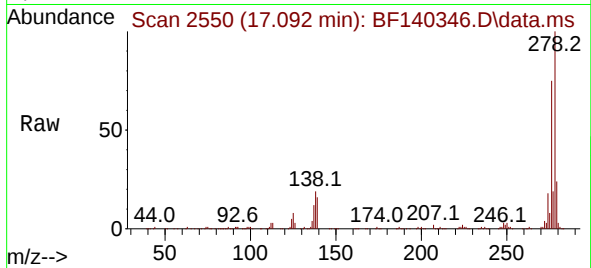




#91
Dibenzo(a,h)anthracene
Concen: 17.902 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:278 Resp: 289828
Ion Ratio Lower Upper
278 100
139 15.8 11.8 17.8
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 14.365 ng
RT: 17.527 min Scan# 2624
Delta R.T. 0.012 min
Lab File: BF140346.D
Acq: 13 Nov 2024 17:06

Tgt Ion:276 Resp: 237754
Ion Ratio Lower Upper
276 100
277 23.4 18.6 28.0
138 20.5 16.0 24.0

