

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140866.D
 Acq On : 16 Dec 2024 18:00
 Operator : RC/JU
 Sample : PB165590BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165590BL

Quant Time: Dec 17 00:03:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	68442	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	261160	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	167011	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	365848	20.000	ng	0.00
76) Chrysene-d12	14.027	240	260464	20.000	ng	0.00
86) Perylene-d12	15.527	264	204207	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	637679	153.376	ng	0.01
7) Phenol-d6	6.493	99	814964	147.992	ng	0.00
23) Nitrobenzene-d5	7.410	82	536575	102.793	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	307776	155.815	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1191501	98.085	ng	0.00
79) Terphenyl-d14	12.957	244	1549172	93.788	ng	0.00
Target Compounds						
6) Aniline	6.546	93	53	0.011	ng	# 1
9) Benzaldehyde	6.493	77	1287	0.422	ng	# 2
10) Phenol	6.504	94	58	0.010	ng	# 1
11) bis(2-Chloroethyl)ether	6.546	93	53	0.012	ng	# 23
15) Benzyl Alcohol	6.846	79	1982	0.503	ng	# 38
19) n-Nitroso-di-n-propyla...	7.410	70	72831	22.048	ng	# 76
24) Nitrobenzene	7.410	77	1658	0.310	ng	# 40
25) Isophorone	7.410	82	529298	60.517	ng	# 65
38) 1-Methylnaphthalene	9.198	142	539	0.057	ng	# 90
46) 1,1'-Biphenyl	9.198	154	2299	0.173	ng	# 1
48) 2-Nitroaniline	9.198	65	1558	0.508	ng	# 1
49) Acenaphthylene	9.745	152	124	0.008	ng	# 61
51) 2,6-Dinitrotoluene	9.881	165	20819	7.734	ng	# 22
52) Acenaphthene	9.916	154	125	0.013	ng	# 5
55) Dibenzofuran	10.098	168	248	0.017	ng	# 44
57) 2,4-Dinitrotoluene	9.881	165	20819	5.878	ng	# 16
58) Fluorene	10.675	166	11238	0.922	ng	# 82
63) Azobenzene	10.581	77	205	0.018	ng	# 50
65) 4,6-Dinitro-2-methylph...	10.675	198	407	0.196	ng	# 1
66) n-Nitrosodiphenylamine	10.675	169	9018	0.802	ng	# 47
67) 4-Bromophenyl-phenylether	10.675	248	19797	4.837	ng	# 1
71) Phenanthrene	11.392	178	411	0.022	ng	# 60
72) Anthracene	11.457	178	303	0.016	ng	# 61
73) Carbazole	11.633	167	256	0.014	ng	# 60
74) Di-n-butylphthalate	11.928	149	288	0.014	ng	# 78
75) Fluoranthene	12.598	202	211	0.010	ng	# 65
77) Benzidine	12.722	184	2674	0.503	ng	# 82
78) Pyrene	12.828	202	611	0.026	ng	# 58
81) Benzo(a)anthracene	14.022	228	1460	0.079	ng	# 66
83) Chrysene	14.022	228	1460	0.087	ng	# 64
84) Bis(2-ethylhexyl)phtha...	13.986	149	253	0.023	ng	# 53
85) Di-n-octyl phthalate	14.621	149	555	0.033	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.086	276	374	0.029	ng	# 52
88) Benzo(b)fluoranthene	15.110	252	444	0.031	ng	# 60
89) Benzo(k)fluoranthene	15.110	252	444	0.037	ng	# 60
90) Benzo(a)pyrene	15.474	252	296	0.027	ng	# 60

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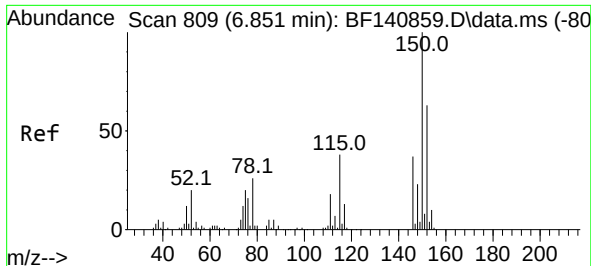
Quant Time: Dec 17 00:03:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Dibenzo(a,h)anthracene	17.080	278	226	0.021	ng	# 57
92) Benzo(g,h,i)perylene	17.562	276	242	0.023	ng	# 55

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

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QLast Update : Mon Dec 16 16:59:50 2024
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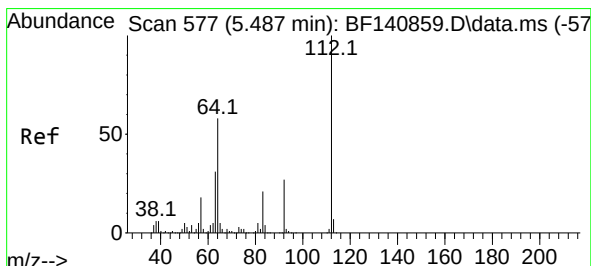
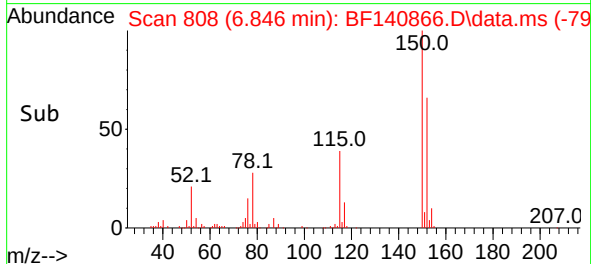
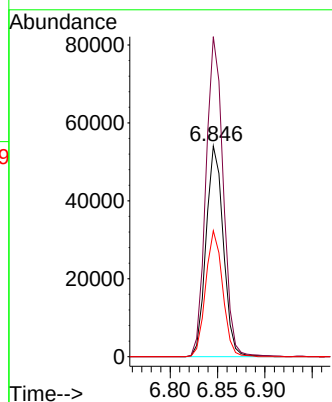
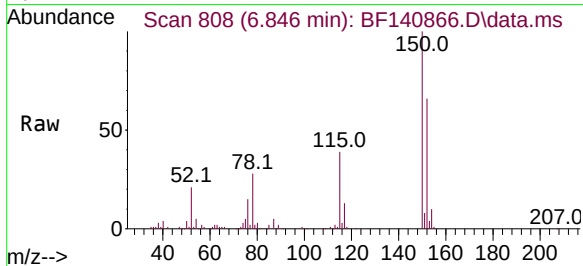




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 809
 Delta R.T. -0.005 min
 Lab File: BF140866.D
 Acq: 16 Dec 2024 18:00

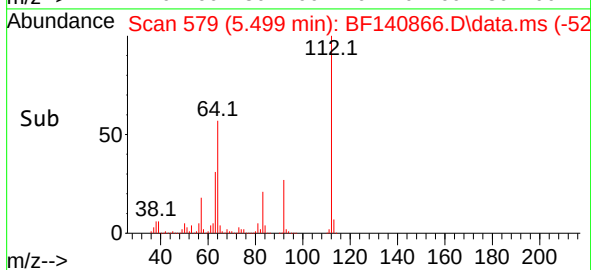
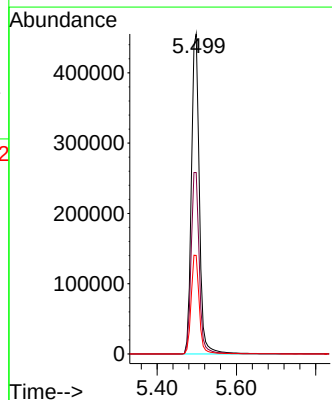
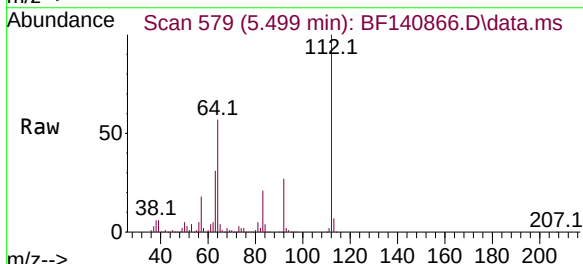
Instrument :
 BNA_F
 ClientSampleId :
 PB165590BL

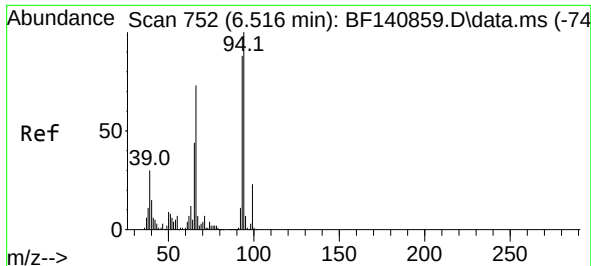
Tgt Ion:152 Resp: 68442
 Ion Ratio Lower Upper
 152 100
 150 151.9 127.9 191.9
 115 59.7 48.0 72.0



#5
 2-Fluorophenol
 Concen: 153.376 ng
 RT: 5.499 min Scan# 579
 Delta R.T. 0.012 min
 Lab File: BF140866.D
 Acq: 16 Dec 2024 18:00

Tgt Ion:112 Resp: 637679
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.1 69.1
 63 30.8 24.9 37.3

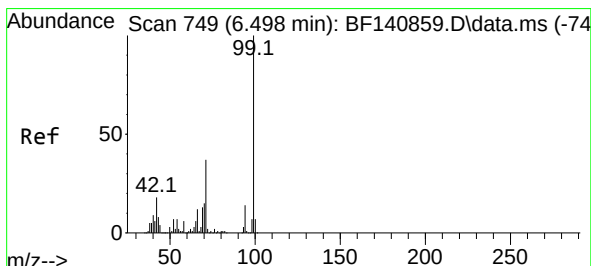
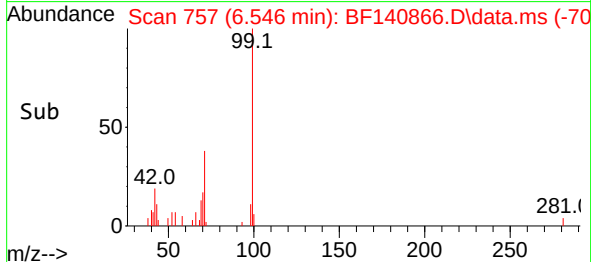
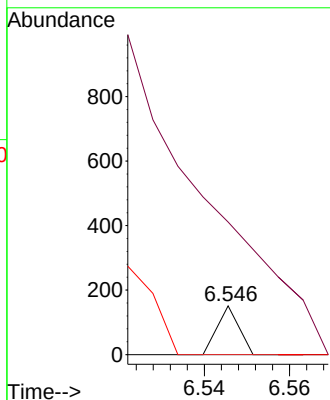
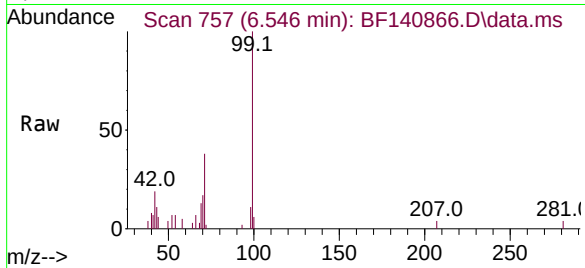




#6
Aniline
Concen: 0.011 ng
RT: 6.546 min Scan# 71
Delta R.T. 0.029 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

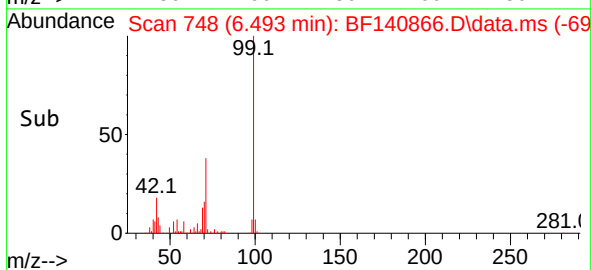
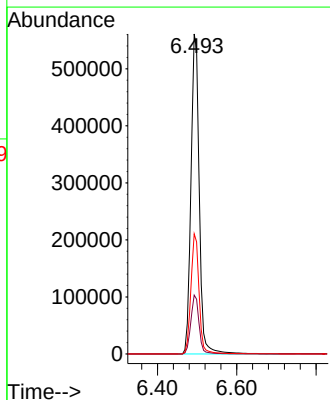
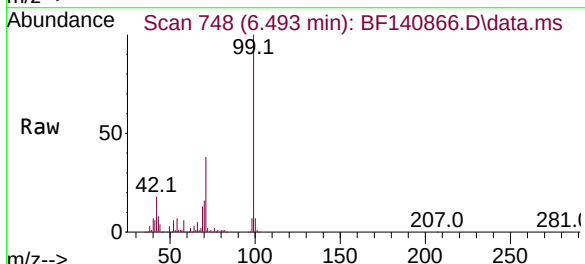
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BNA_F
ClientSampleId :
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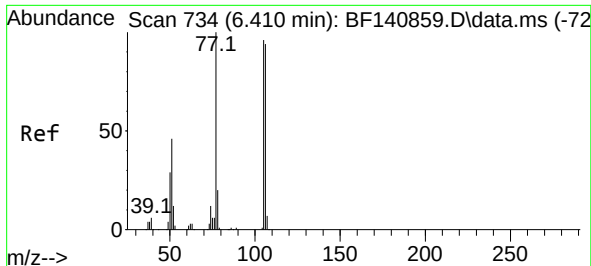
Tgt Ion: 93 Resp: 53
Ion Ratio Lower Upper
93 100
66 272.2 67.0 100.4#
65 0.0 40.4 60.6#



#7
Phenol-d6
Concen: 147.992 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion: 99 Resp: 814964
Ion Ratio Lower Upper
99 100
42 18.4 14.3 21.5
71 37.6 29.9 44.9





#9

Benzaldehyde

Concen: 0.422 ng

RT: 6.493 min Scan# 74

Delta R.T. 0.082 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

Instrument :

BNA_F

ClientSampleId :

PB165590BL

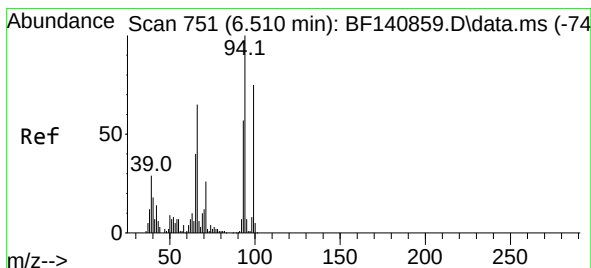
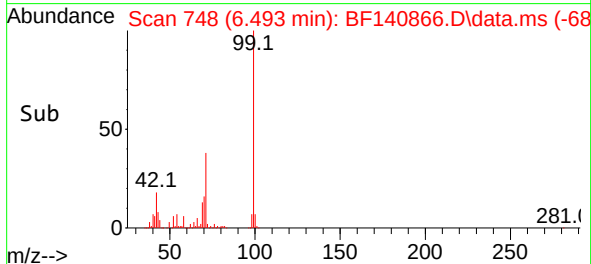
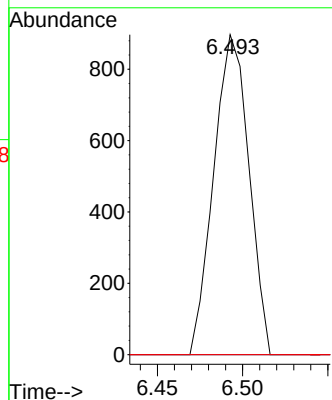
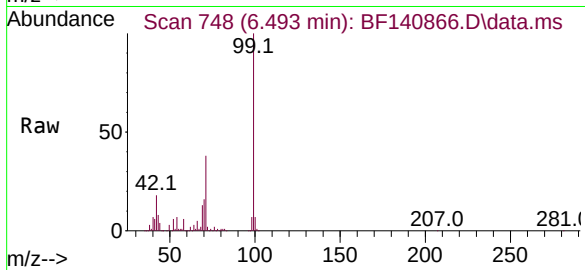
Tgt Ion: 77 Resp: 1287

Ion Ratio Lower Upper

77 100

105 0.0 75.8 115.8#

106 0.0 74.1 114.1#



#10

Phenol

Concen: 0.010 ng

RT: 6.504 min Scan# 750

Delta R.T. -0.006 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

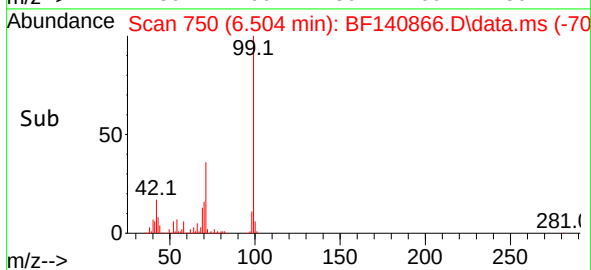
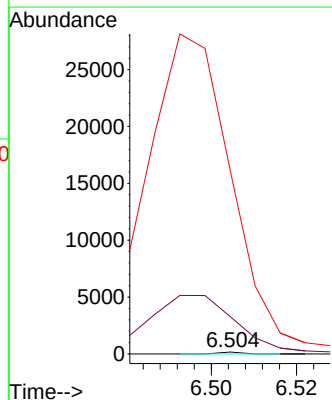
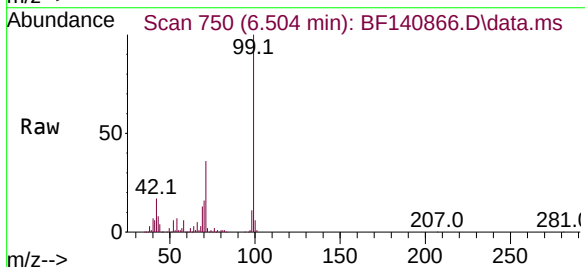
Tgt Ion: 94 Resp: 58

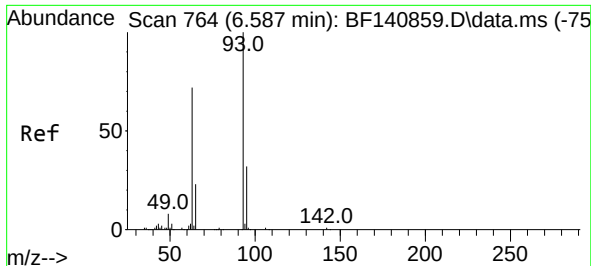
Ion Ratio Lower Upper

94 100

65 1997.6 19.9 59.9#

66 9807.3 45.6 85.6#

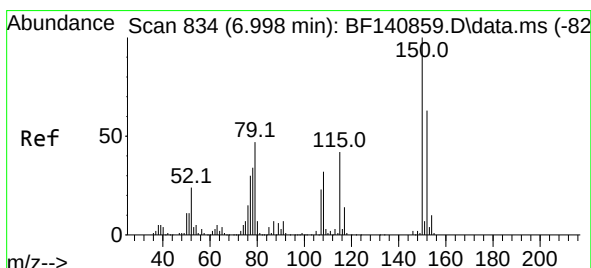
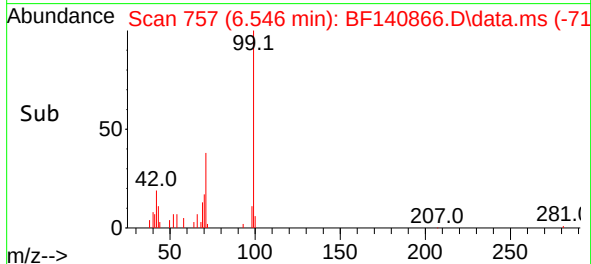
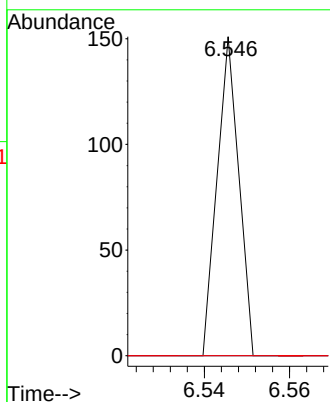
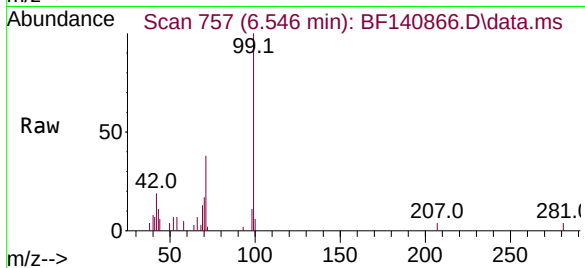




#11
bis(2-Chloroethyl)ether
Concen: 0.012 ng
RT: 6.546 min Scan# 71
Delta R.T. -0.041 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

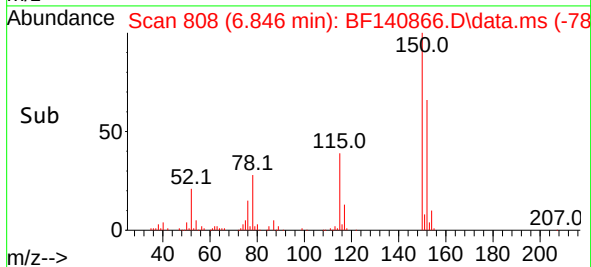
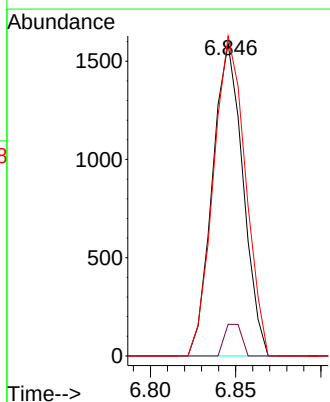
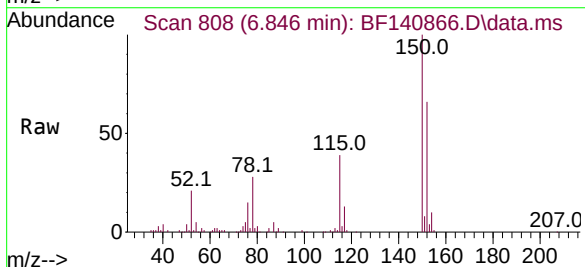
Instrument :
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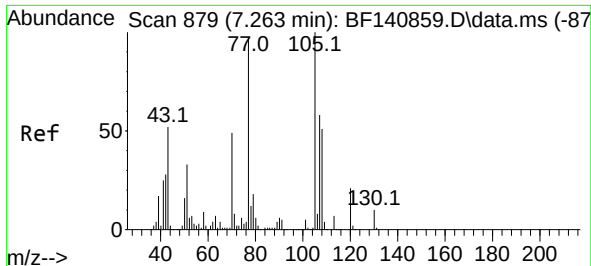
Tgt Ion: 93 Resp: 53
Ion Ratio Lower Upper
93 100
63 0.0 51.0 91.0#
95 0.0 12.0 52.0#



#15
Benzyl Alcohol
Concen: 0.503 ng
RT: 6.846 min Scan# 808
Delta R.T. -0.153 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

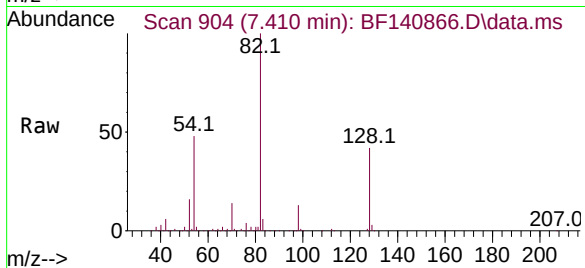
Tgt Ion: 79 Resp: 1982
Ion Ratio Lower Upper
79 100
108 10.1 55.1 82.7#
77 102.5 50.6 76.0#



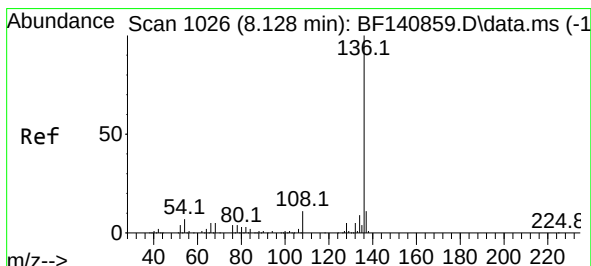
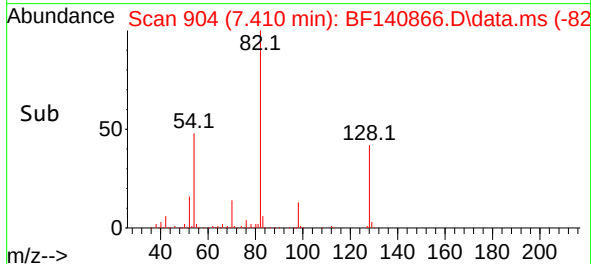
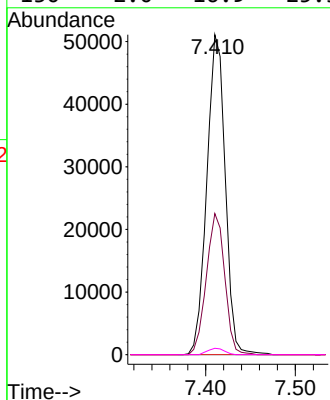


#19
n-Nitroso-di-n-propylamine
Concen: 22.048 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Instrument :
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ClientSampleId :
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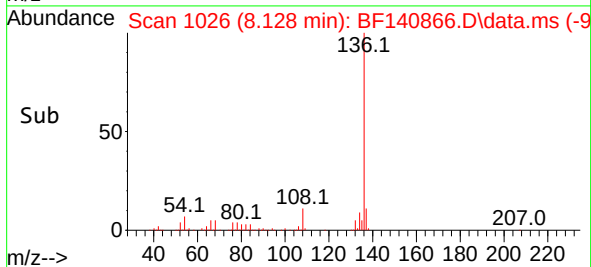
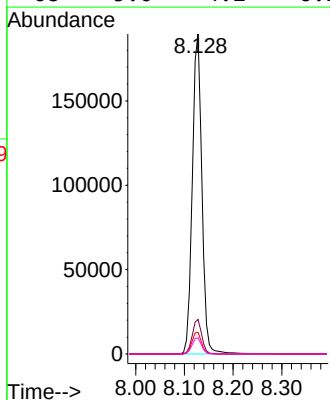
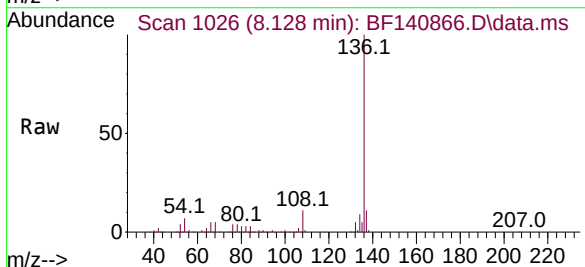


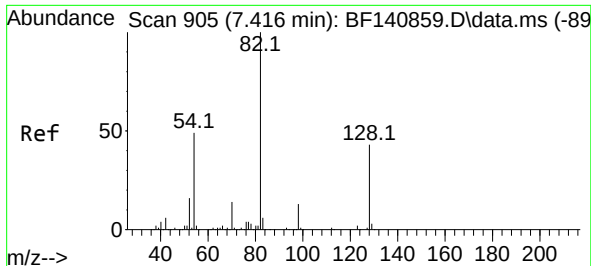
Tgt Ion: 70 Resp: 72831
Ion Ratio Lower Upper
70 100
42 44.1 45.3 67.9#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion: 136 Resp: 261160
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.8 5.6 8.4
68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 102.793 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

Instrument :

BNA_F

ClientSampleId :

PB165590BL

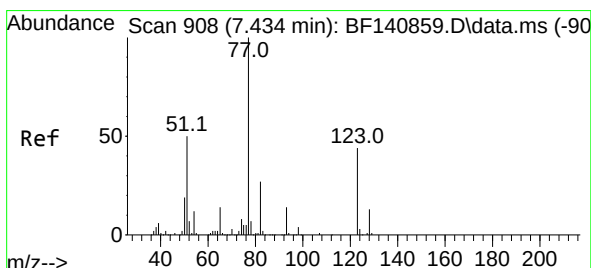
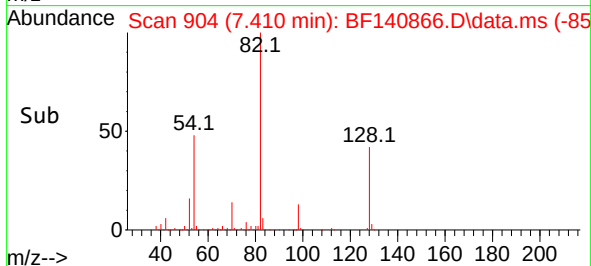
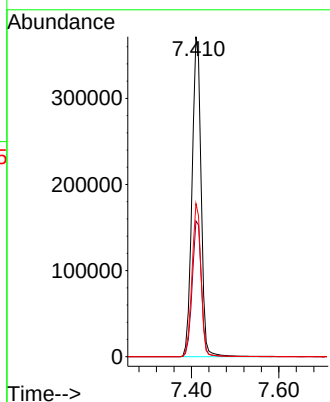
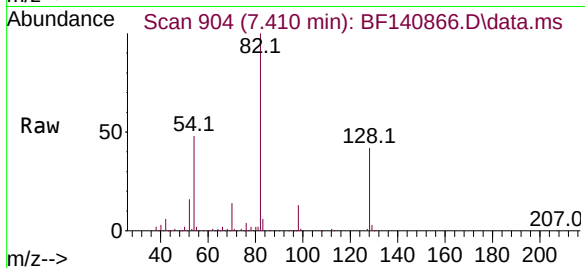
Tgt Ion: 82 Resp: 536575

Ion Ratio Lower Upper

82 100

128 42.4 34.4 51.6

54 47.9 38.8 58.2



#24

Nitrobenzene

Concen: 0.310 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.024 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

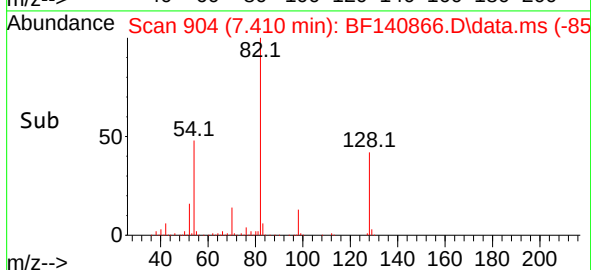
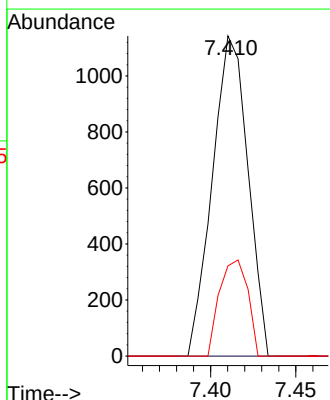
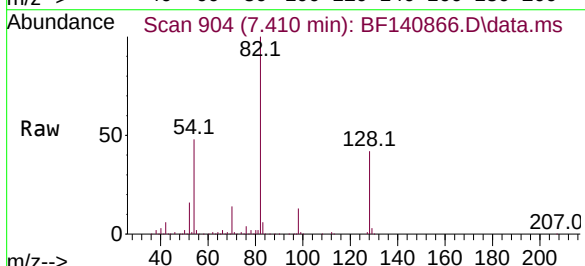
Tgt Ion: 77 Resp: 1658

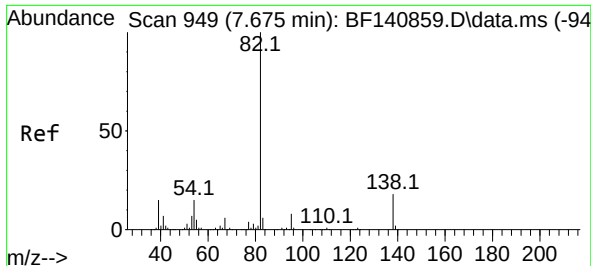
Ion Ratio Lower Upper

77 100

123 0.0 35.0 52.4#

65 28.2 11.4 17.0#

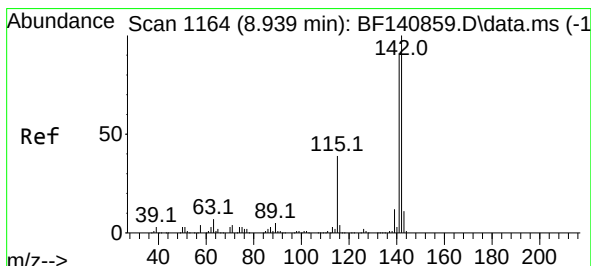
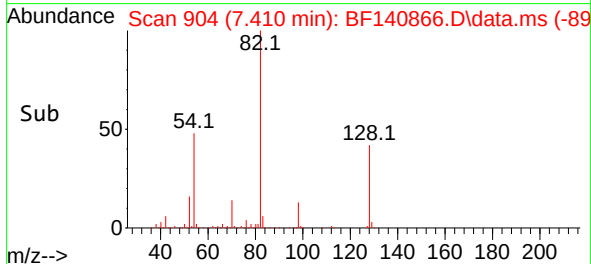
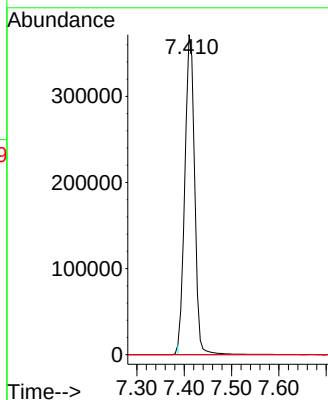
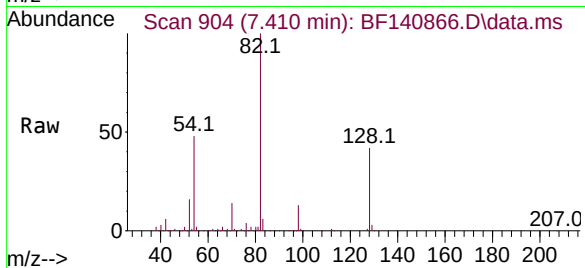




#25
Isophorone
Concen: 60.517 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

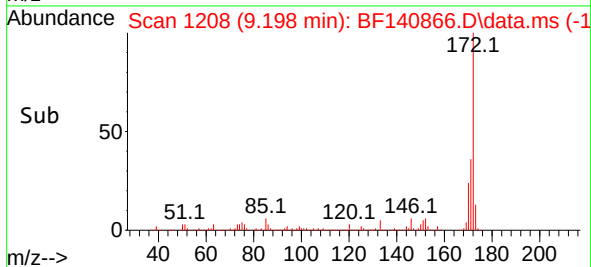
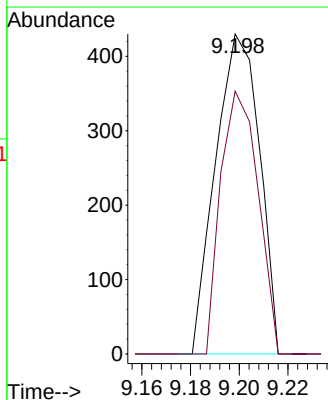
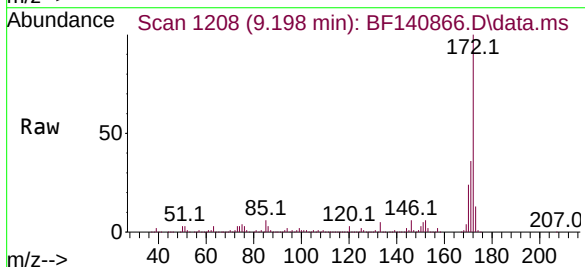
Instrument :
BNA_F
ClientSampleId :
PB165590BL

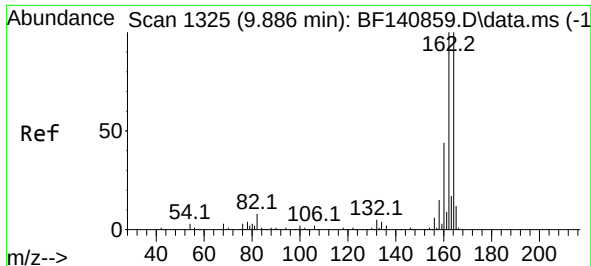
Tgt Ion: 82 Resp: 529298
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#38
1-Methylnaphthalene
Concen: 0.057 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.259 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion: 142 Resp: 539
Ion Ratio Lower Upper
142 100
141 82.1 73.4 110.0

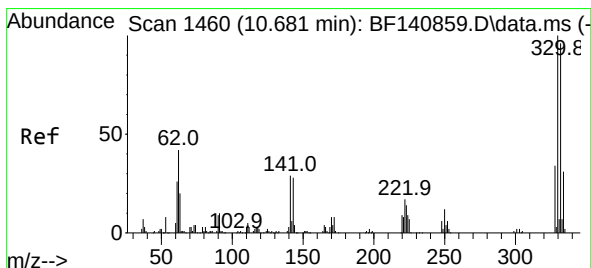
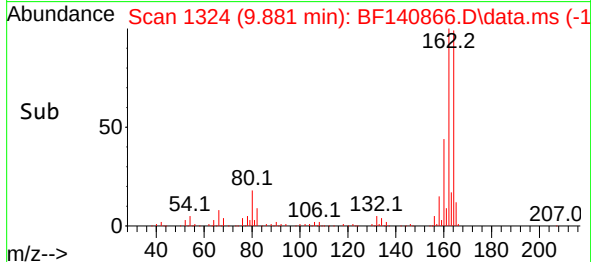
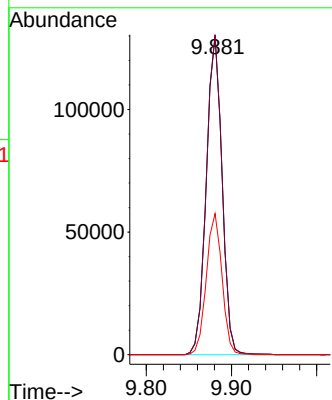
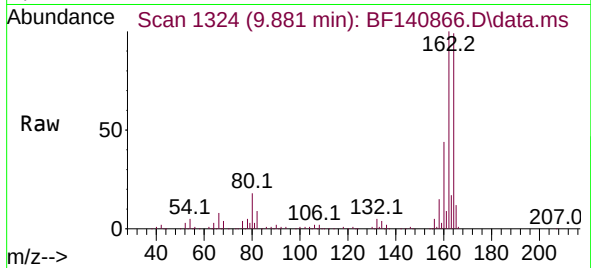




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

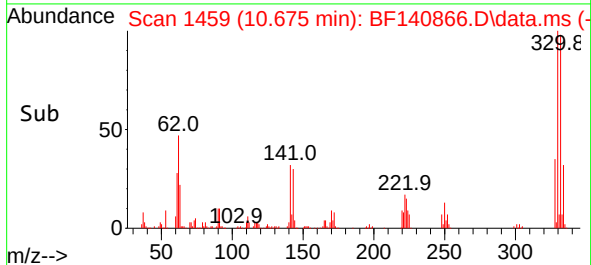
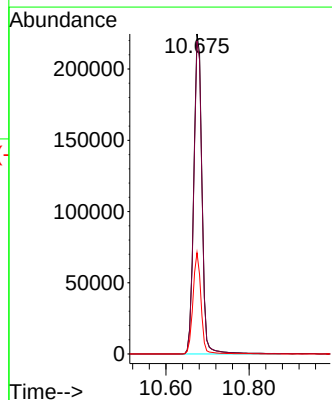
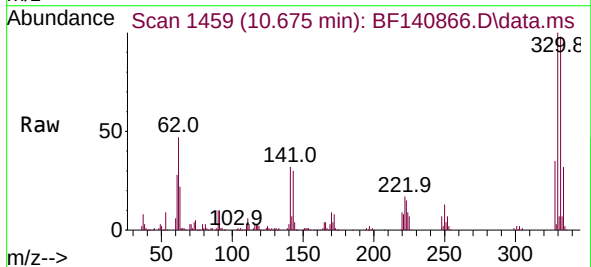
Instrument :
BNA_F
ClientSampleId :
PB165590BL

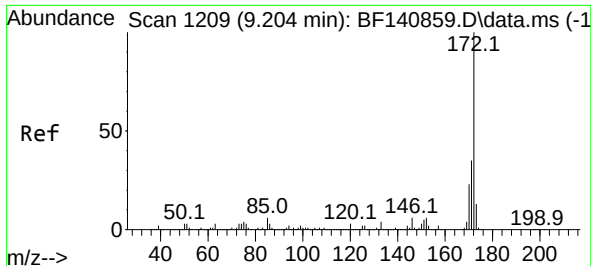
Tgt Ion:164 Resp: 167011
Ion Ratio Lower Upper
164 100
162 100.6 79.9 119.9
160 44.4 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 155.815 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion:330 Resp: 307776
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 31.0 24.9 37.3

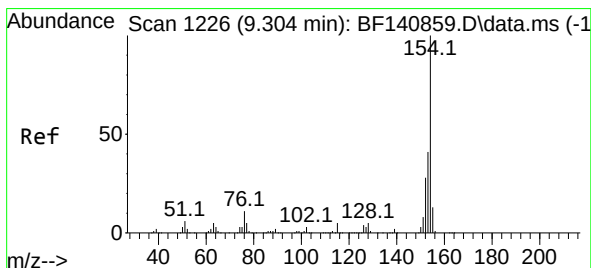
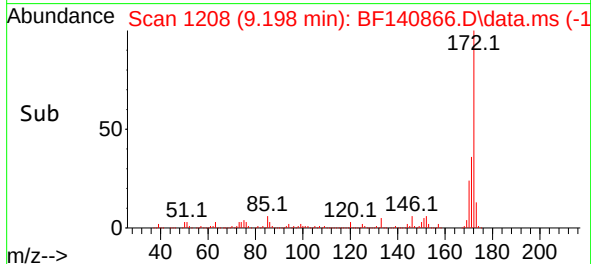
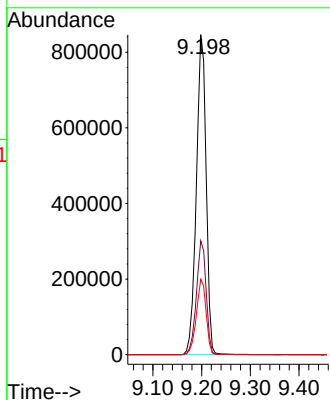
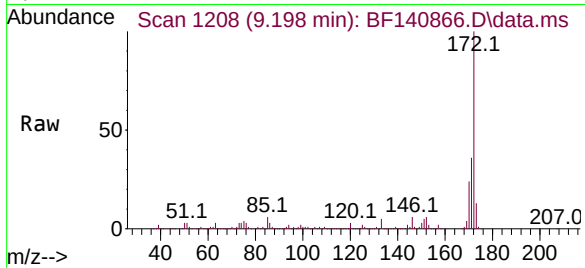




#45
2-Fluorobiphenyl
Concen: 98.085 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

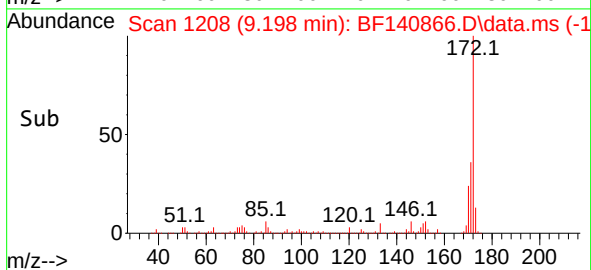
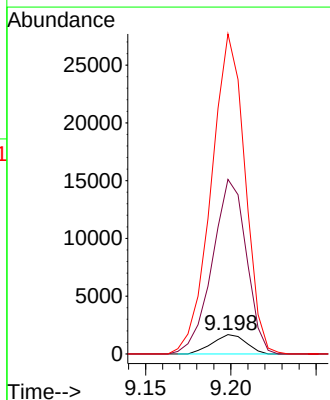
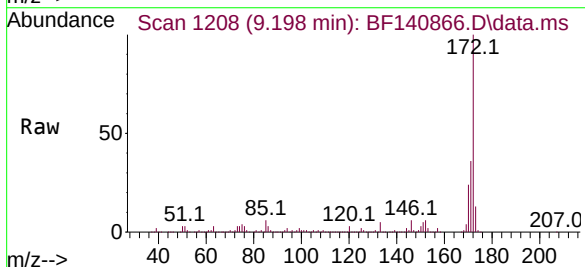
Instrument :
BNA_F
ClientSampleId :
PB165590BL

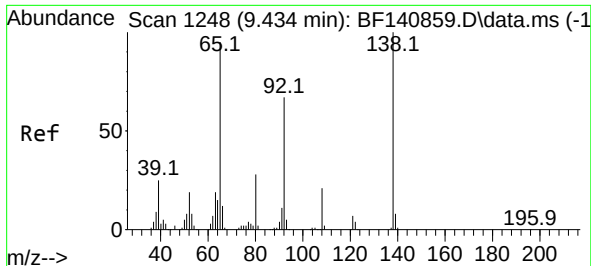
Tgt Ion:172 Resp: 1191501
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.173 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.106 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion:154 Resp: 2299
Ion Ratio Lower Upper
154 100
153 902.2 20.8 60.8#
76 1654.5 0.0 31.0#





#48

2-Nitroaniline

Concen: 0.508 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.235 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

Instrument :

BNA_F

ClientSampleId :

PB165590BL

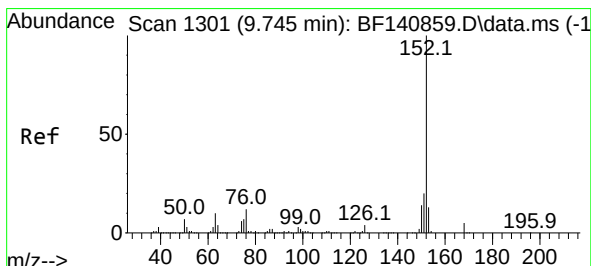
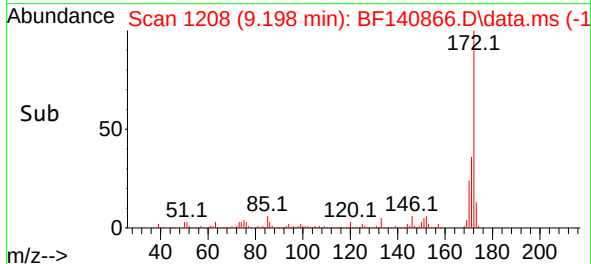
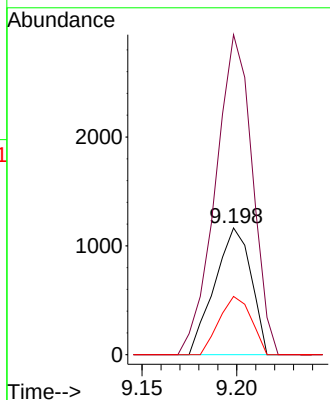
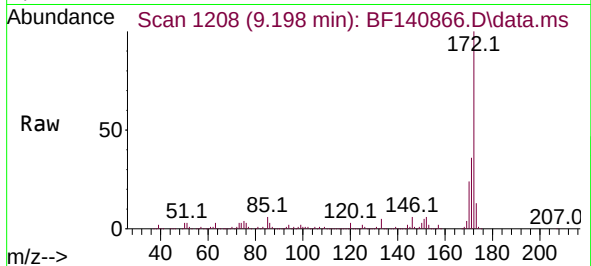
Tgt Ion: 65 Resp: 1558

Ion Ratio Lower Upper

65 100

92 252.6 56.3 84.5#

138 46.0 83.8 125.6#



#49

Acenaphthylene

Concen: 0.008 ng

RT: 9.745 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

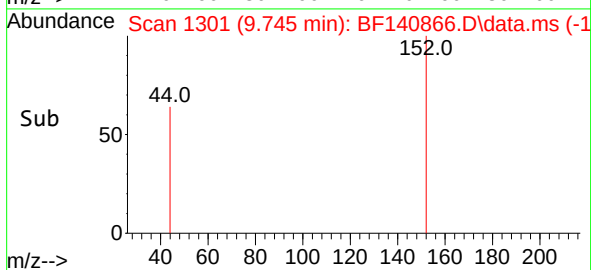
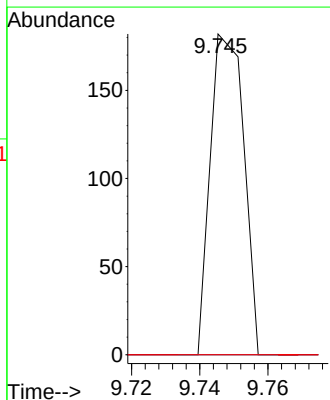
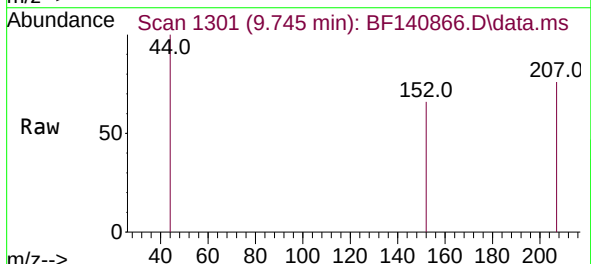
Tgt Ion: 152 Resp: 124

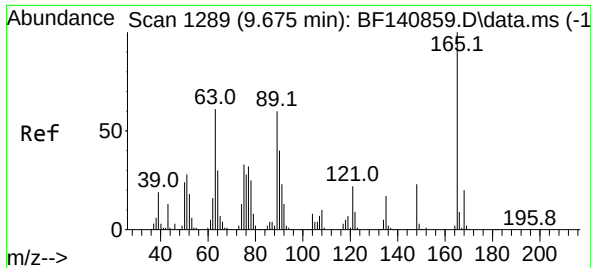
Ion Ratio Lower Upper

152 100

151 0.0 16.0 24.0#

153 0.0 10.6 16.0#

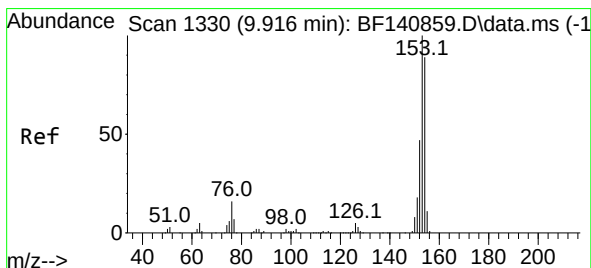
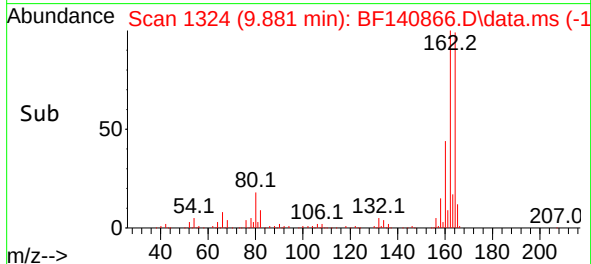
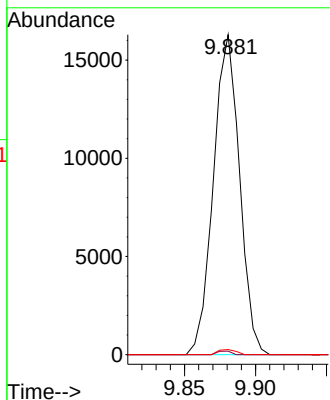
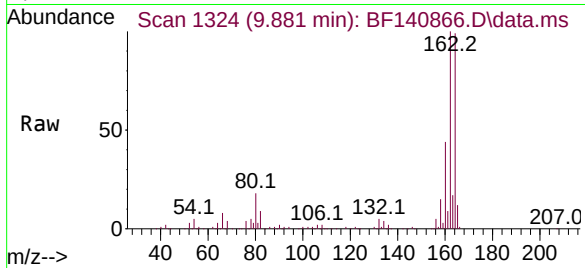




#51
2,6-Dinitrotoluene
Concen: 7.734 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

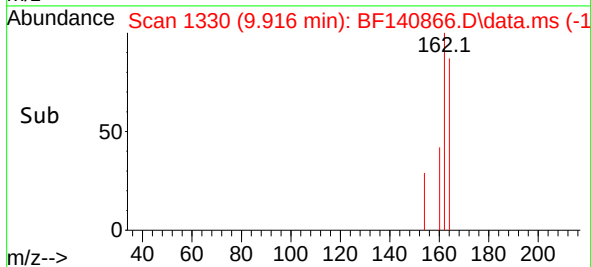
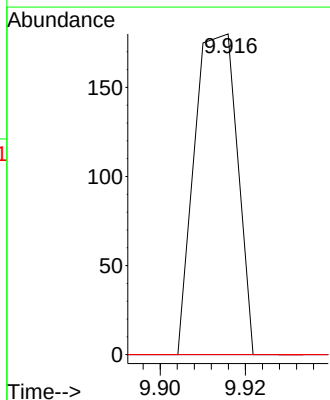
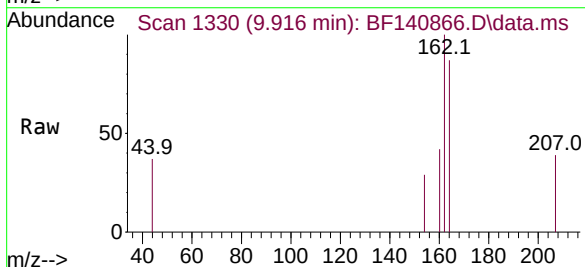
Instrument :
BNA_F
ClientSampleId :
PB165590BL

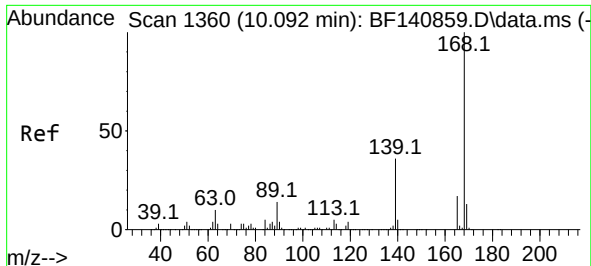
Tgt Ion:165 Resp: 20819
Ion Ratio Lower Upper
165 100
63 1.1 49.7 74.5#
89 1.6 48.2 72.4#



#52
Acenaphthene
Concen: 0.013 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

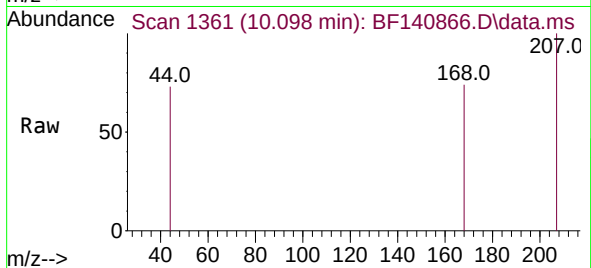
Tgt Ion:154 Resp: 125
Ion Ratio Lower Upper
154 100
153 0.0 89.9 134.9#
152 0.0 42.6 63.8#



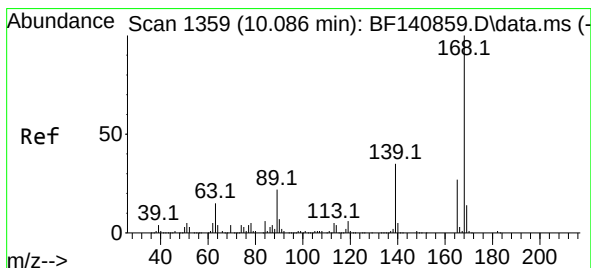
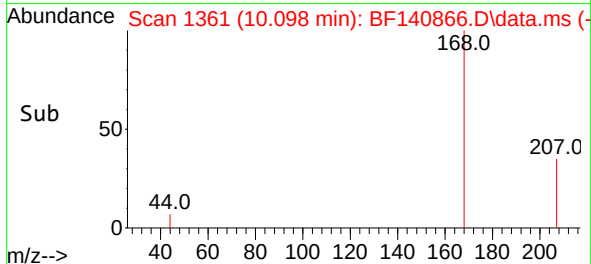
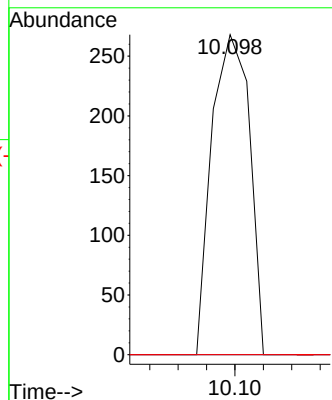


#55
Dibenzenofuran
Concen: 0.017 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Instrument :
BNA_F
ClientSampleId :
PB165590BL

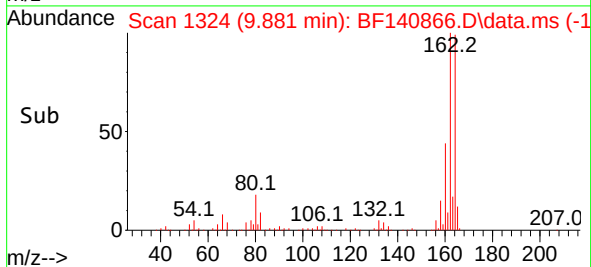
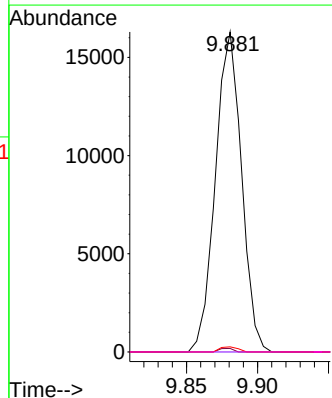
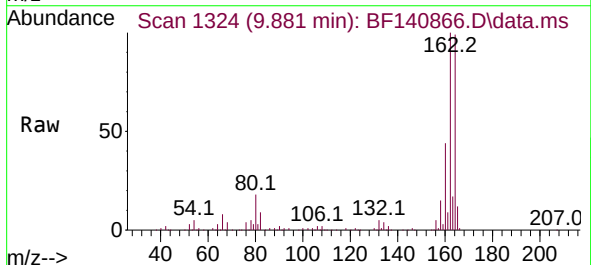


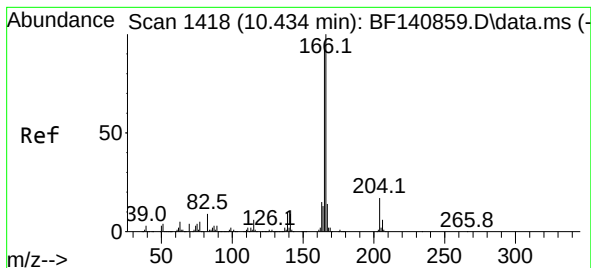
Tgt Ion:168 Resp: 248
Ion Ratio Lower Upper
168 100
139 0.0 31.1 46.7#
169 0.0 10.6 16.0#



#57
2,4-Dinitrotoluene
Concen: 5.878 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion:165 Resp: 20819
Ion Ratio Lower Upper
165 100
63 1.1 49.3 73.9#
89 1.6 66.2 99.4#
182 0.0 2.1 3.1#





#58

Fluorene

Concen: 0.922 ng

RT: 10.675 min Scan# 1418

Delta R.T. 0.241 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

Instrument :

BNA_F

ClientSampleId :

PB165590BL

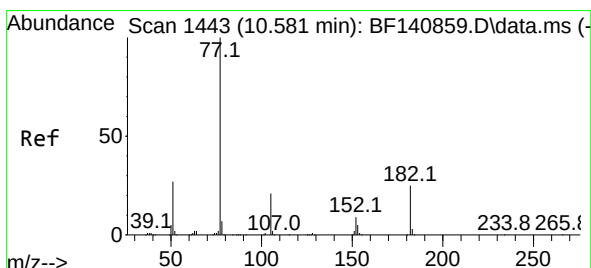
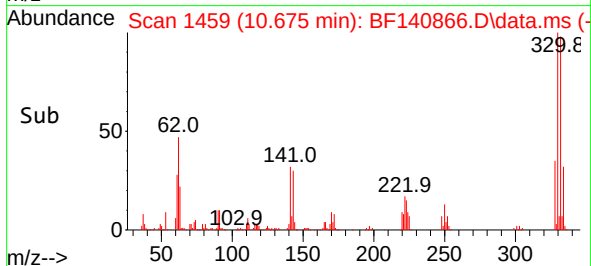
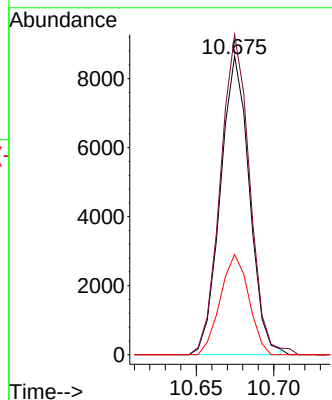
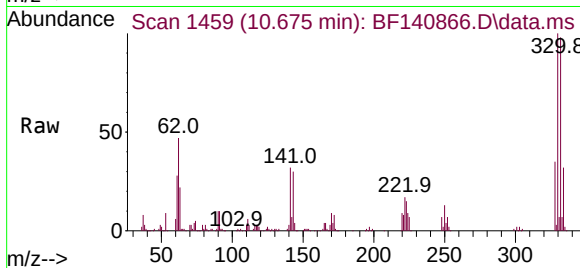
Tgt Ion:166 Resp: 11238

Ion Ratio Lower Upper

166 100

165 107.1 75.1 112.7

167 33.5 11.1 16.7#



#63

Azobenzene

Concen: 0.018 ng

RT: 10.581 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

Tgt Ion: 77 Resp: 205

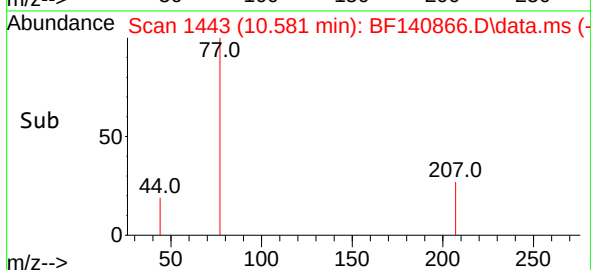
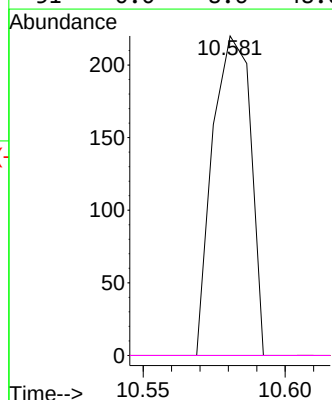
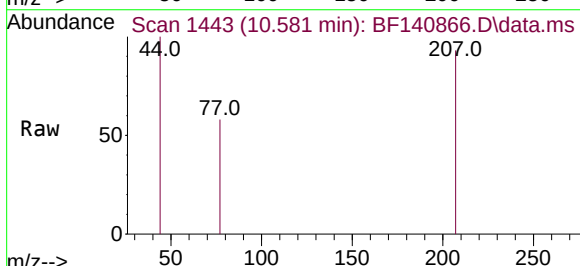
Ion Ratio Lower Upper

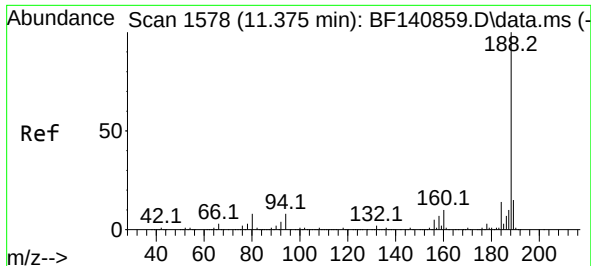
77 100

182 0.0 4.5 44.5#

105 0.0 0.9 40.9#

51 0.0 8.6 48.6#

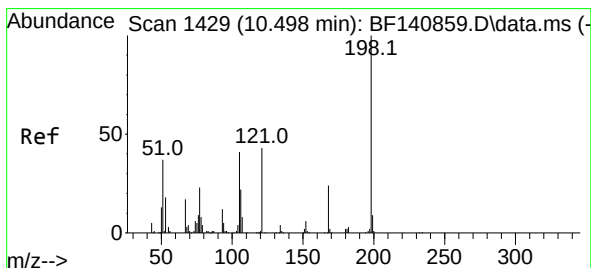
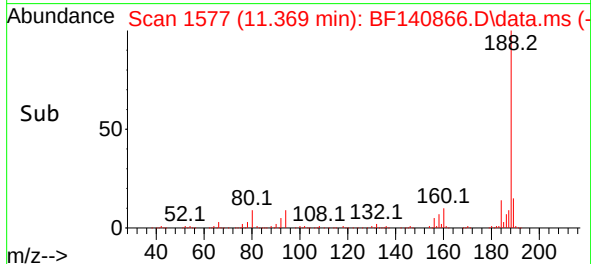
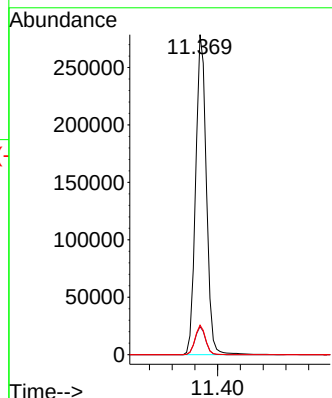
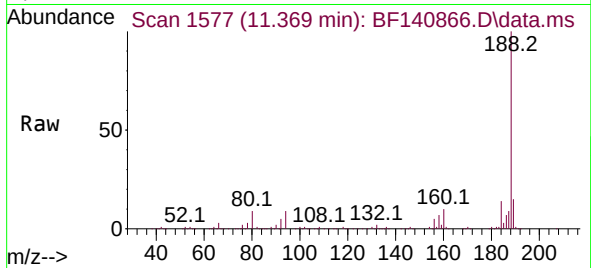




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

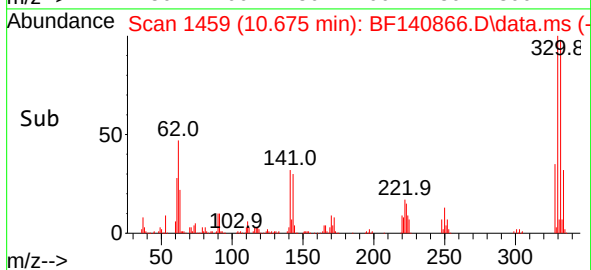
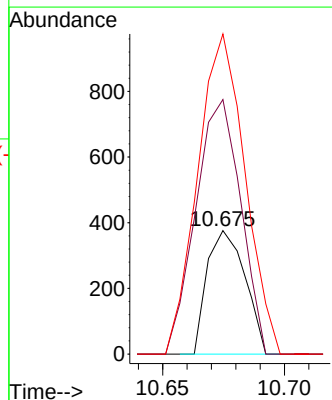
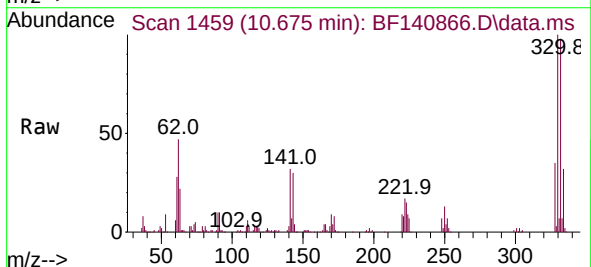
Instrument :
BNA_F
ClientSampleId :
PB165590BL

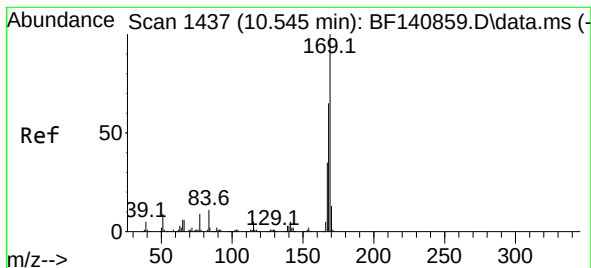
Tgt Ion:188 Resp: 365848
Ion Ratio Lower Upper
188 100
94 8.8 6.4 9.6
80 9.2 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 0.196 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.177 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion:198 Resp: 407
Ion Ratio Lower Upper
198 100
51 206.1 24.4 64.4#
105 259.3 22.1 62.1#

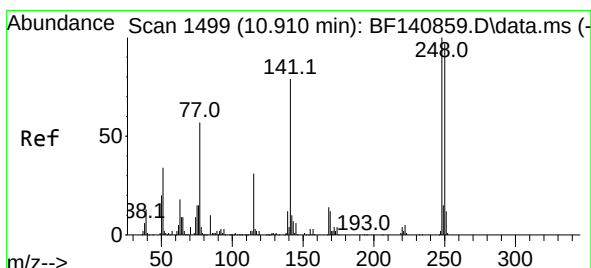
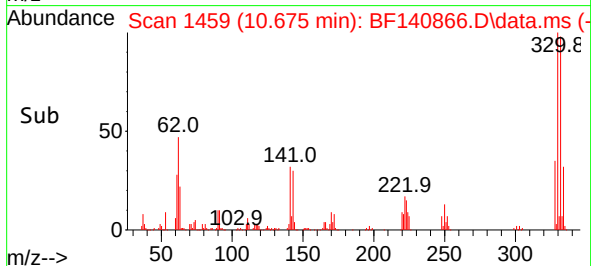
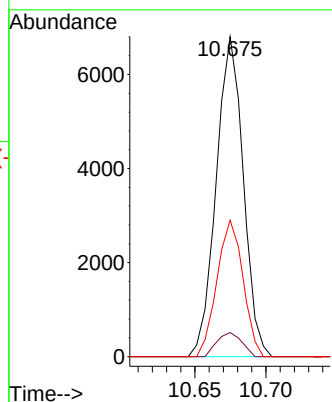
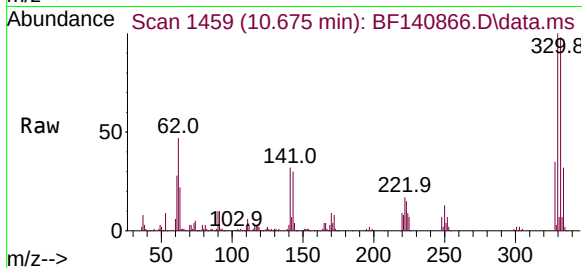




#66
n-Nitrosodiphenylamine
Concen: 0.802 ng
RT: 10.675 min Scan# 1437
Delta R.T. 0.129 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

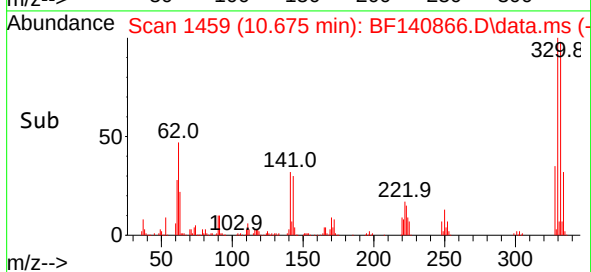
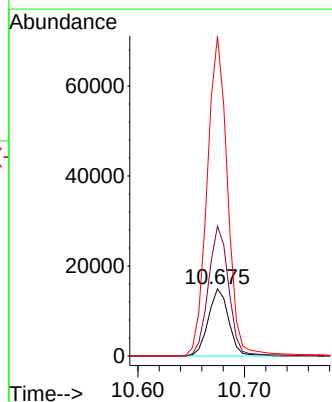
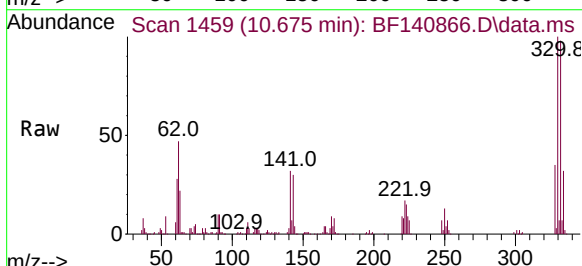
Instrument :
BNA_F
ClientSampleId :
PB165590BL

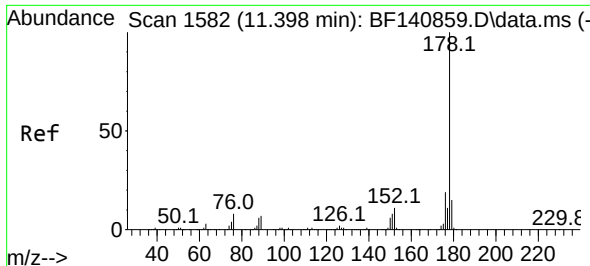
Tgt Ion:169 Resp: 9018
Ion Ratio Lower Upper
169 100
168 7.6 53.4 80.0#
167 42.7 28.3 42.5#



#67
4-Bromophenyl-phenylether
Concen: 4.837 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.235 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion:248 Resp: 19797
Ion Ratio Lower Upper
248 100
250 193.0 77.4 116.2#
141 476.3 62.9 94.3#

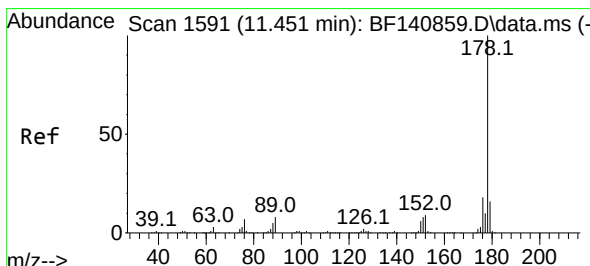
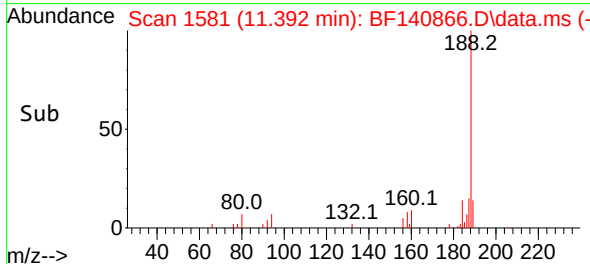
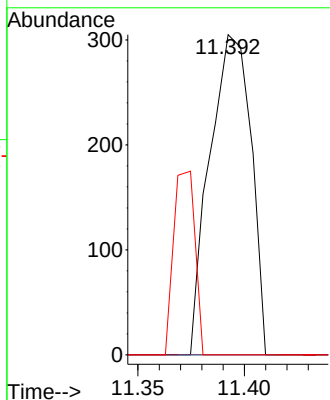
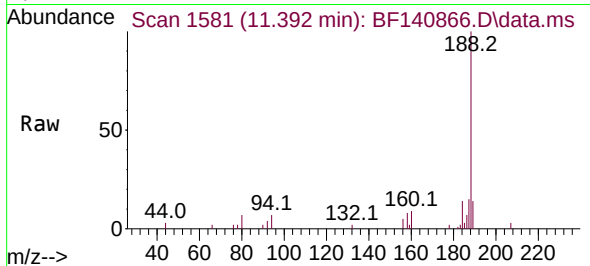




#71
Phenanthrene
Concen: 0.022 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

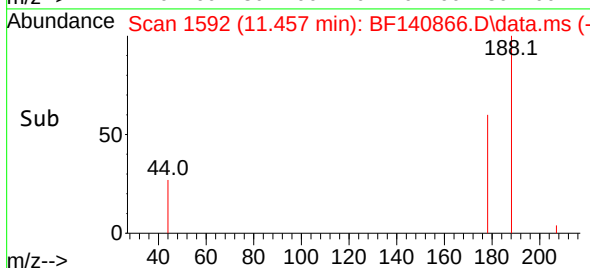
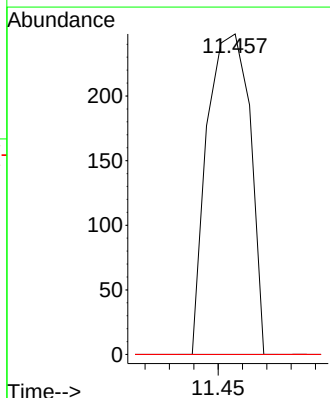
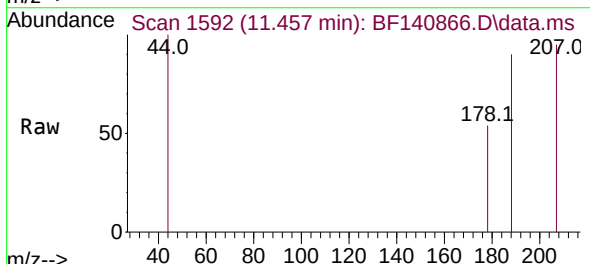
Instrument :
BNA_F
ClientSampleId :
PB165590BL

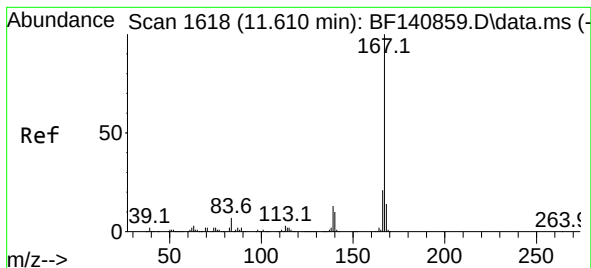
Tgt Ion:178 Resp: 411
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.2#
179 0.0 12.1 18.1#



#72
Anthracene
Concen: 0.016 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion:178 Resp: 303
Ion Ratio Lower Upper
178 100
176 0.0 14.6 22.0#
179 0.0 12.6 18.8#





#73

Carbazole

Concen: 0.014 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.024 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

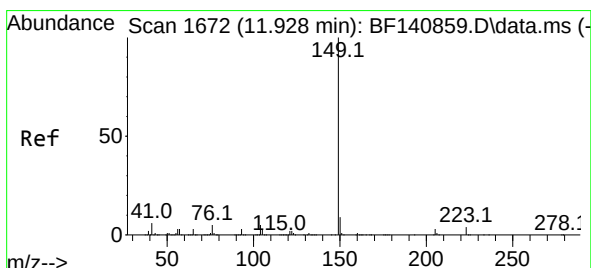
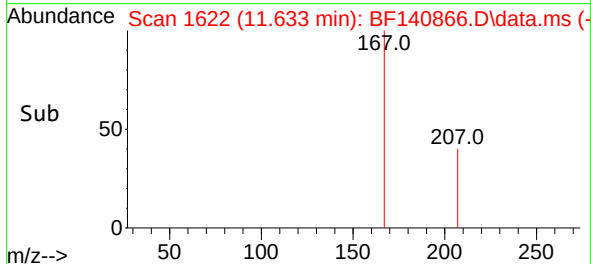
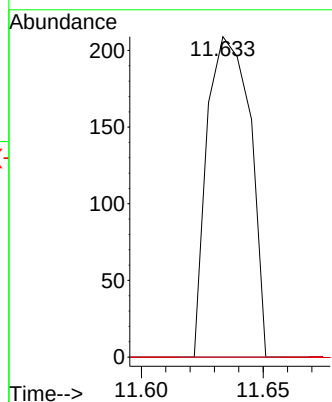
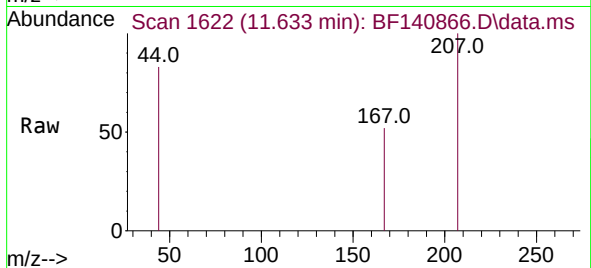
Instrument :

BNA_F

ClientSampleId :

PB165590BL

Tgt Ion:167	Resp:	256
Ion	Ratio	Lower Upper
167	100	
166	0.0	17.0 25.6#
139	0.0	10.2 15.2#



#74

Di-n-butylphthalate

Concen: 0.014 ng

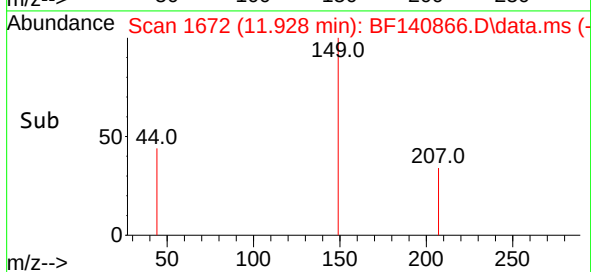
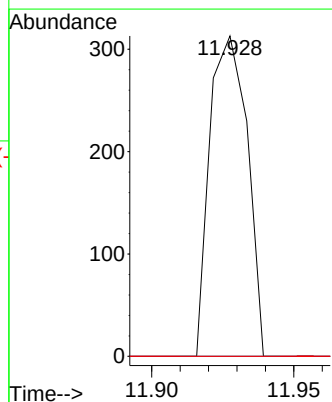
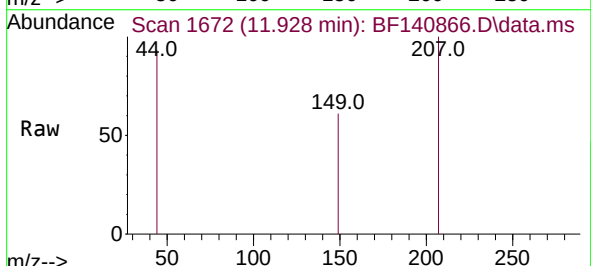
RT: 11.928 min Scan# 1672

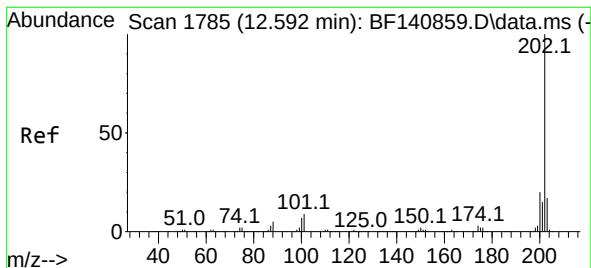
Delta R.T. 0.000 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

Tgt Ion:149	Resp:	288
Ion	Ratio	Lower Upper
149	100	
150	0.0	7.5 11.3#
104	0.0	3.8 5.8#





#75

Fluoranthene

Concen: 0.010 ng

RT: 12.598 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

Instrument :

BNA_F

ClientSampleId :

PB165590BL

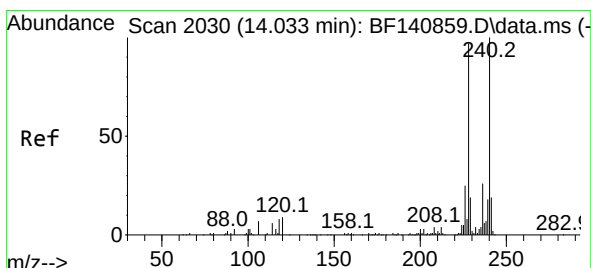
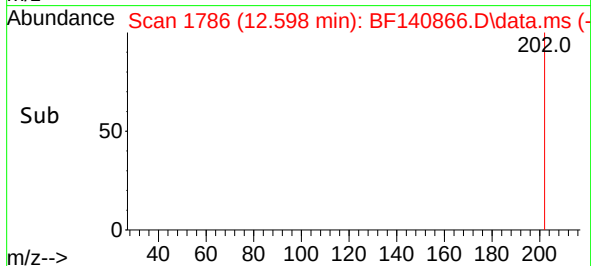
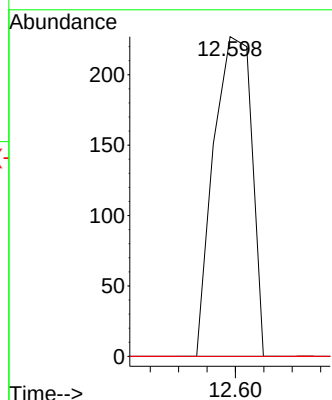
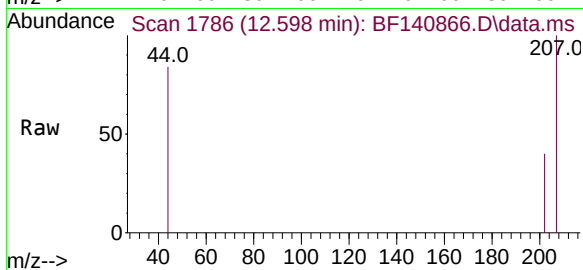
Tgt Ion:202 Resp: 211

Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.3

203 0.0 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

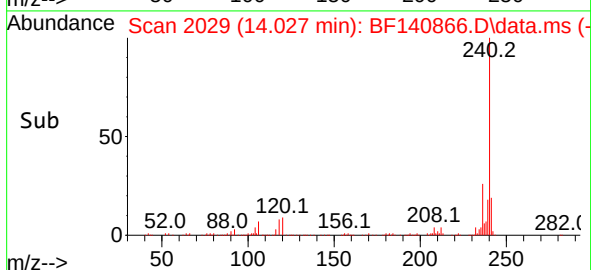
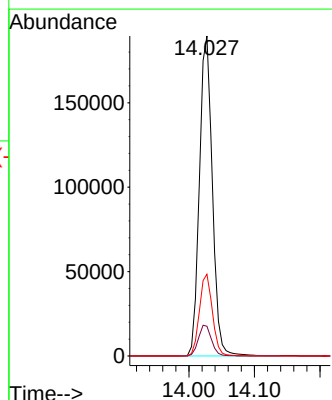
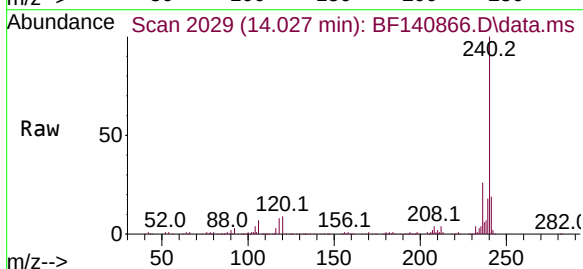
Tgt Ion:240 Resp: 260464

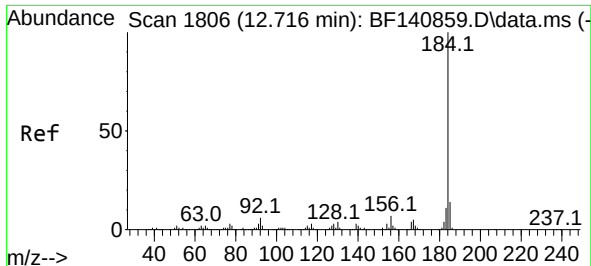
Ion Ratio Lower Upper

240 100

120 9.3 7.6 11.4

236 25.6 20.5 30.7

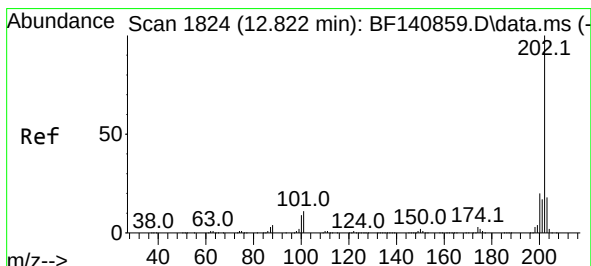
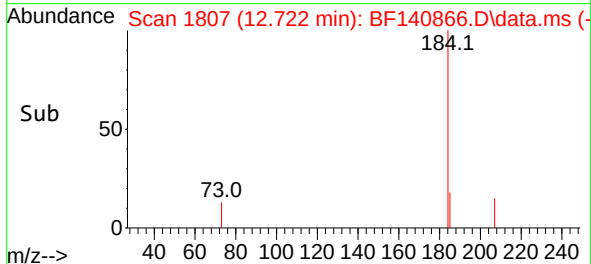
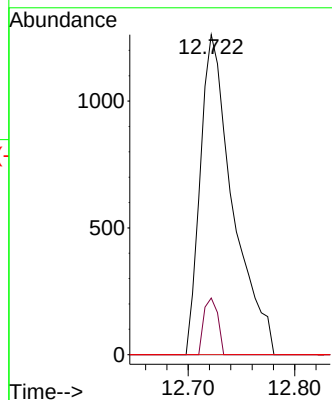
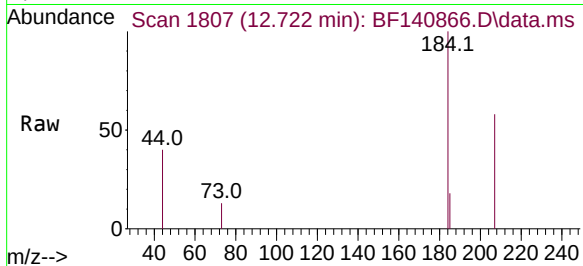




#77
Benzidine
Concen: 0.503 ng
RT: 12.722 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

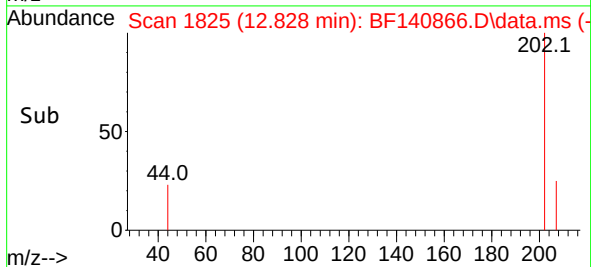
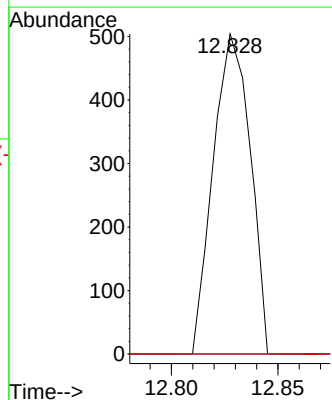
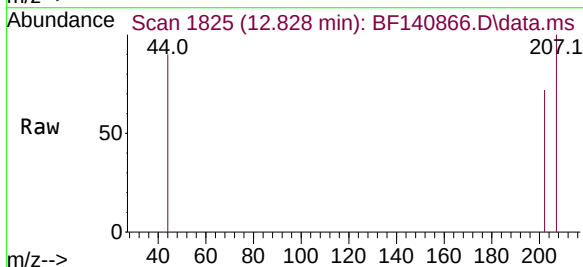
Instrument :
BNA_F
ClientSampleId :
PB165590BL

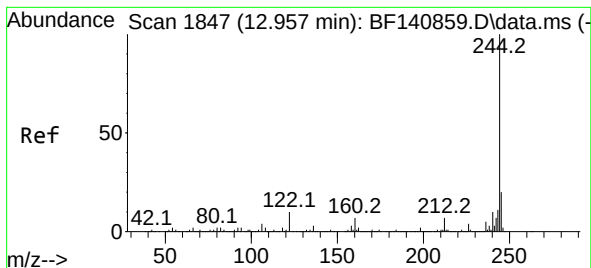
Tgt Ion:184 Resp: 2674
Ion Ratio Lower Upper
184 100
185 17.7 11.1 16.7#
183 0.0 9.0 13.4#



#78
Pyrene
Concen: 0.026 ng
RT: 12.828 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion:202 Resp: 611
Ion Ratio Lower Upper
202 100
200 0.0 16.1 24.1#
203 0.0 14.2 21.4#





#79

Terphenyl-d14

Concen: 93.788 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

Instrument :

BNA_F

ClientSampleId :

PB165590BL

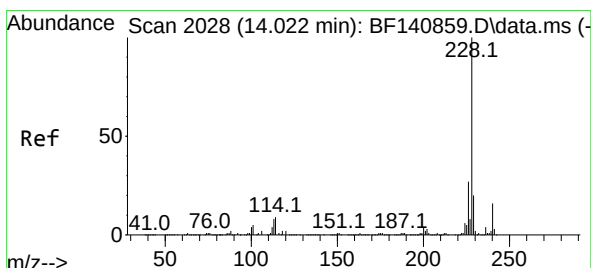
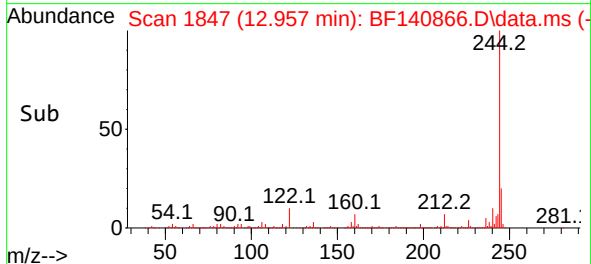
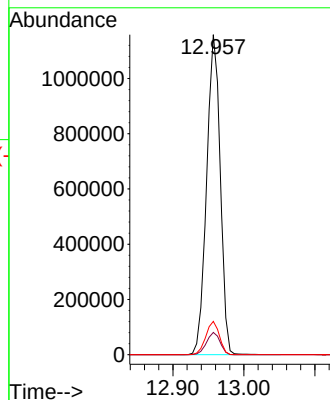
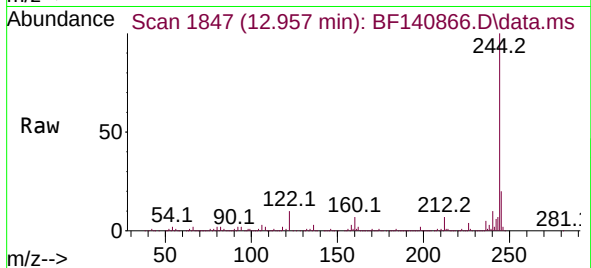
Tgt Ion:244 Resp: 1549172

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.4 8.2 12.2



#81

Benzo(a)anthracene

Concen: 0.079 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

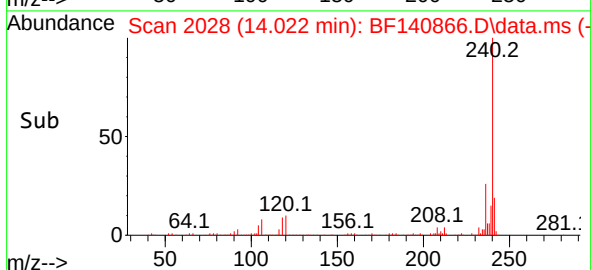
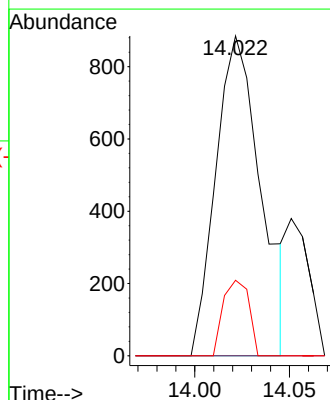
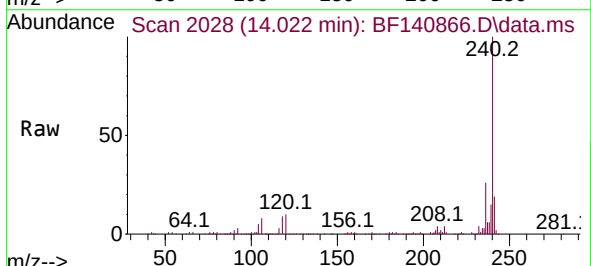
Tgt Ion:228 Resp: 1460

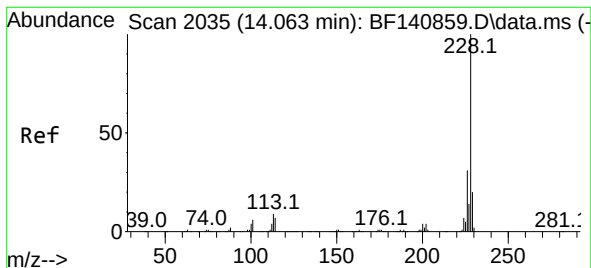
Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.8#

229 23.6 15.8 23.8





#83

Chrysene

Concen: 0.087 ng

RT: 14.022 min Scan# 2035

Delta R.T. -0.041 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

Instrument :

BNA_F

ClientSampleId :

PB165590BL

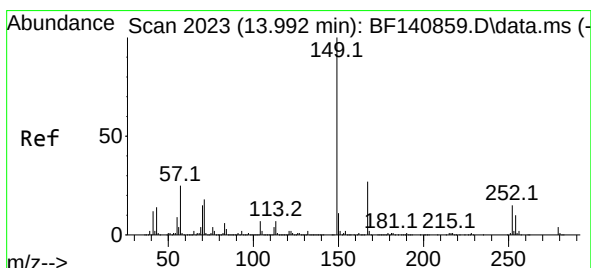
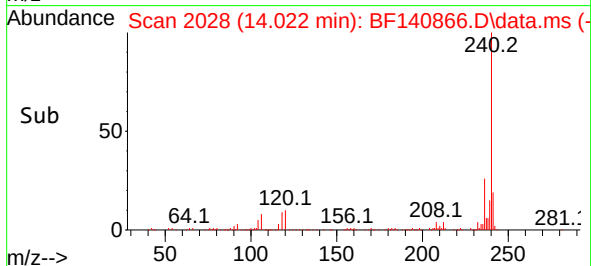
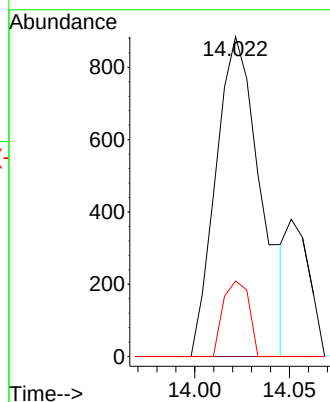
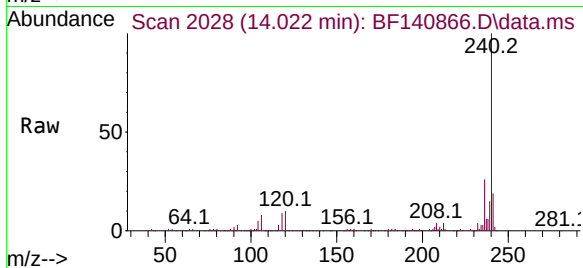
Tgt Ion:228 Resp: 1460

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

229 23.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.023 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

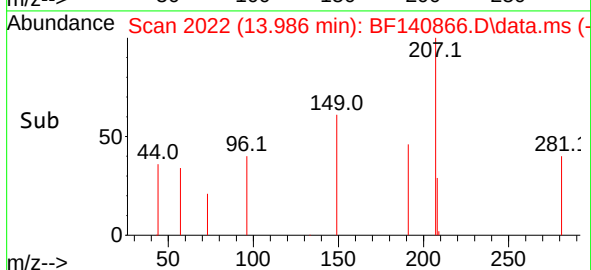
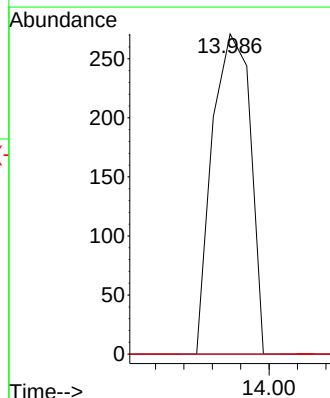
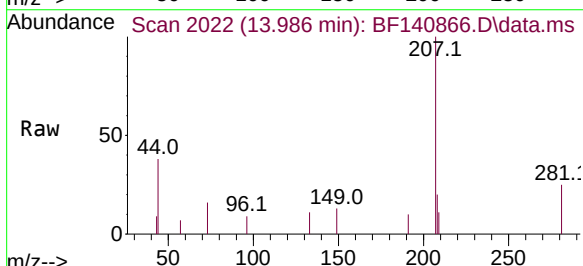
Tgt Ion:149 Resp: 253

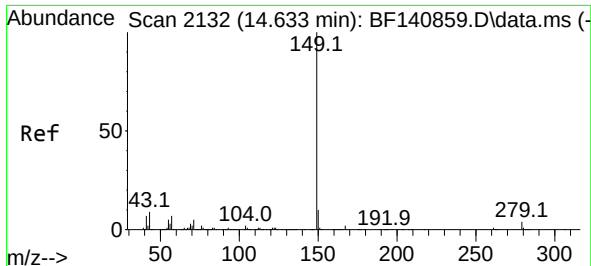
Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

279 0.0 3.5 5.3#

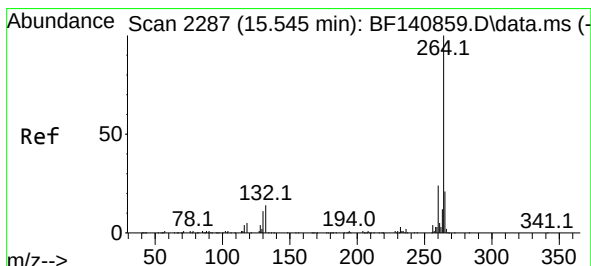
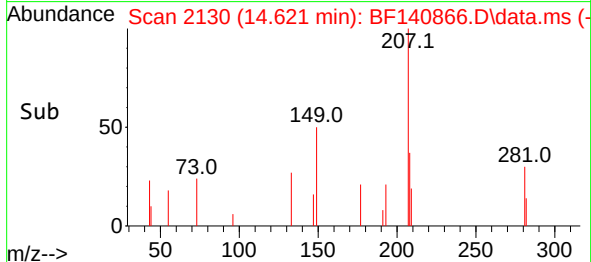
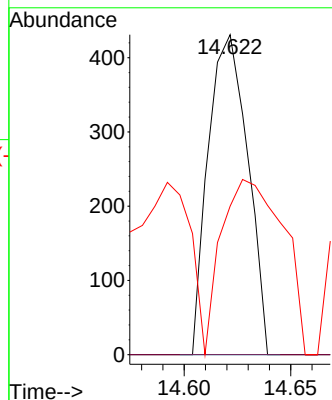
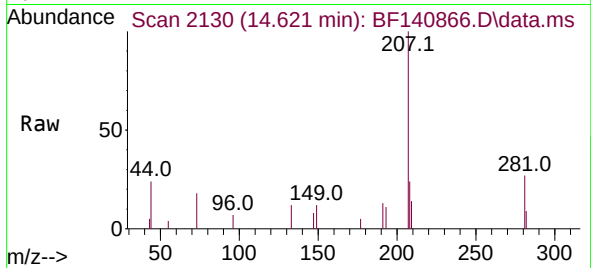




#85
Di-n-octyl phthalate
Concen: 0.033 ng
RT: 14.621 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

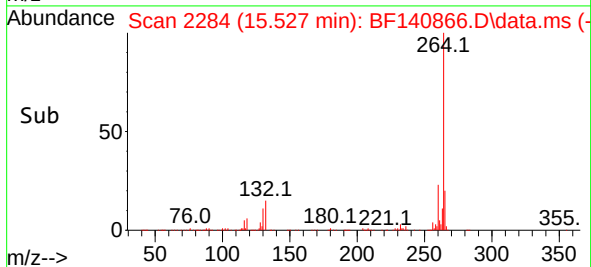
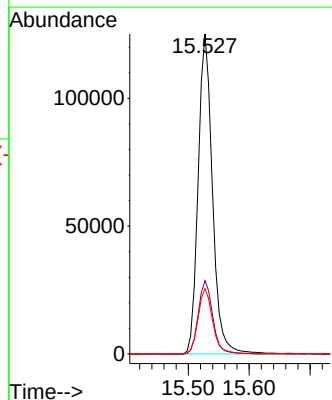
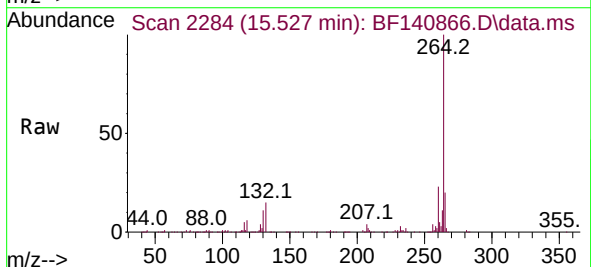
Instrument :
BNA_F
ClientSampleId :
PB165590BL

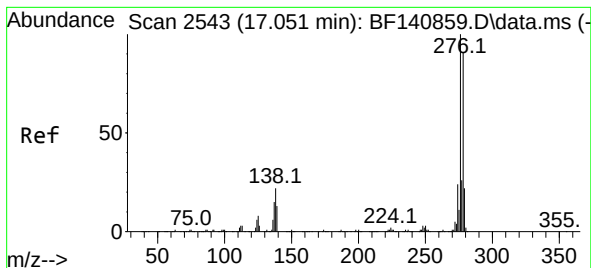
Tgt Ion:149 Resp: 555
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 85.9 7.0 10.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion:264 Resp: 204207
Ion Ratio Lower Upper
264 100
260 22.9 19.1 28.7
265 20.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

Instrument :

BNA_F

ClientSampleId :

PB165590BL

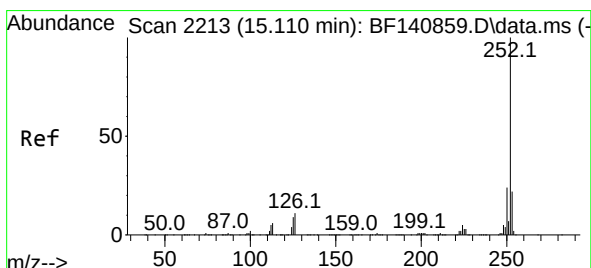
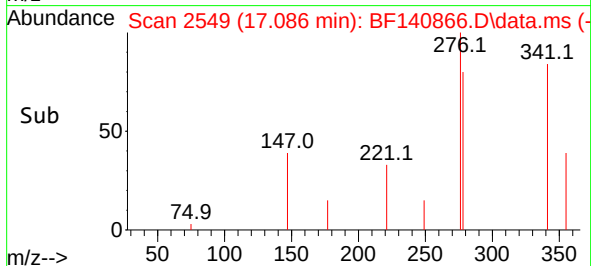
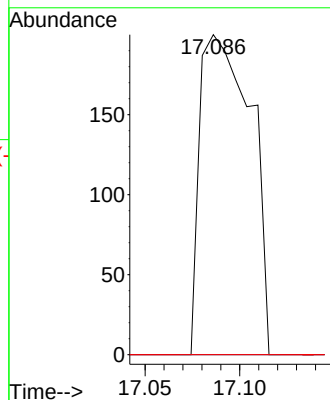
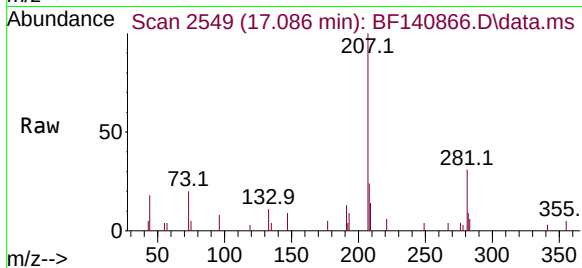
Tgt Ion:276 Resp: 374

Ion Ratio Lower Upper

276 100

138 0.0 16.9 25.3#

277 0.0 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 0.031 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

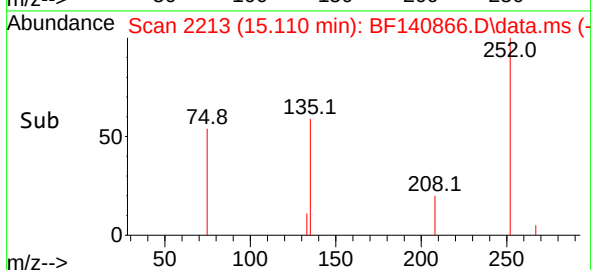
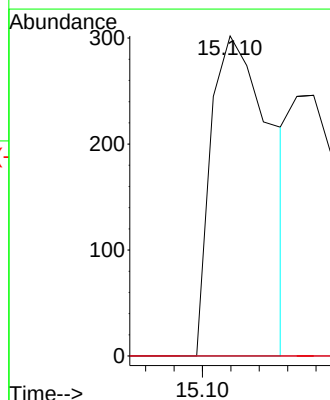
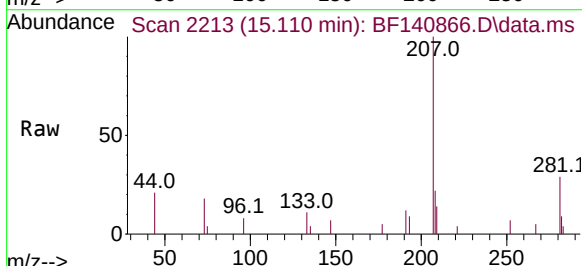
Tgt Ion:252 Resp: 444

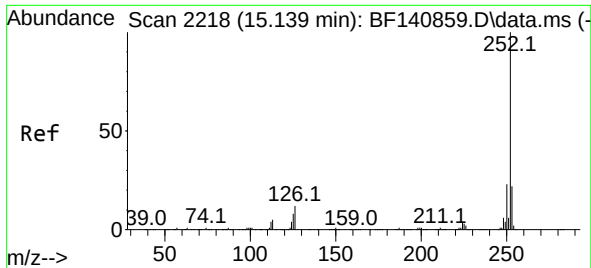
Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

125 0.0 7.0 10.4#

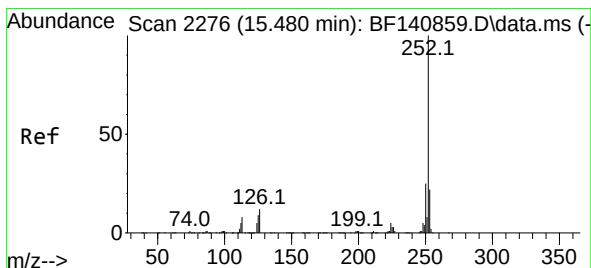
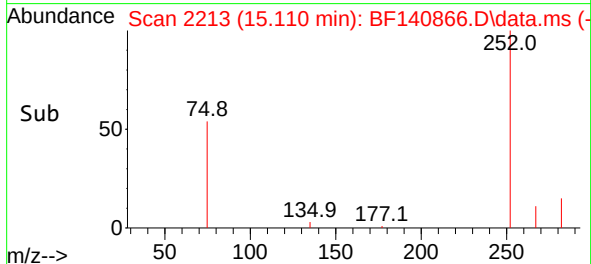
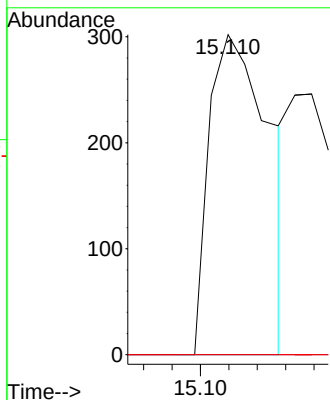
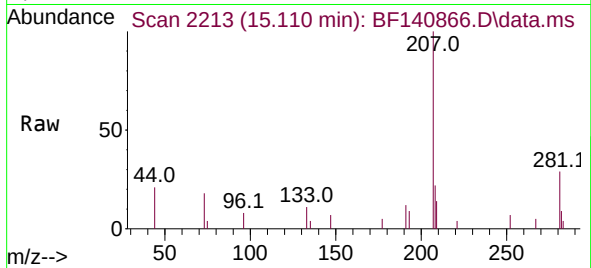




#89
Benzo(k)fluoranthene
Concen: 0.037 ng
RT: 15.110 min Scan# 211
Delta R.T. -0.029 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

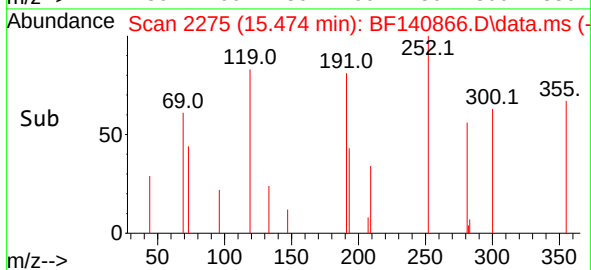
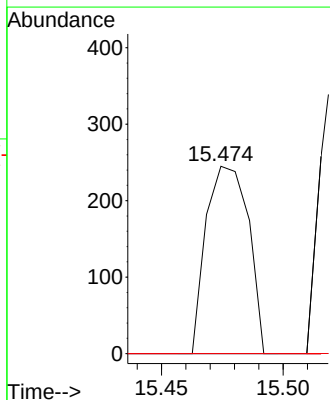
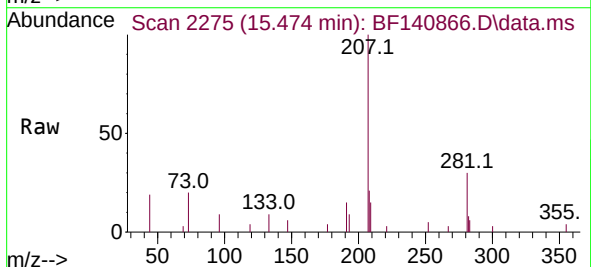
Instrument :
BNA_F
ClientSampleId :
PB165590BL

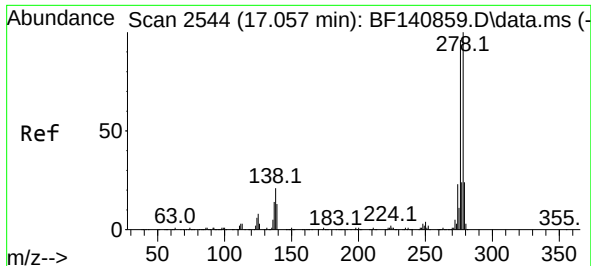
Tgt Ion:252 Resp: 444
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 0.027 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion:252 Resp: 296
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 7.5 11.3#

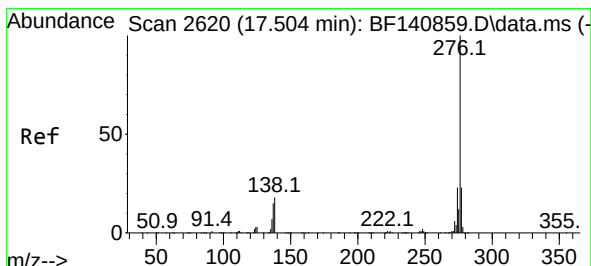
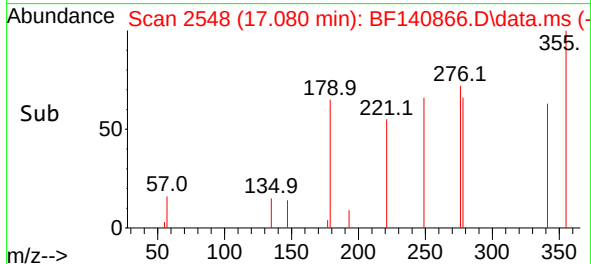
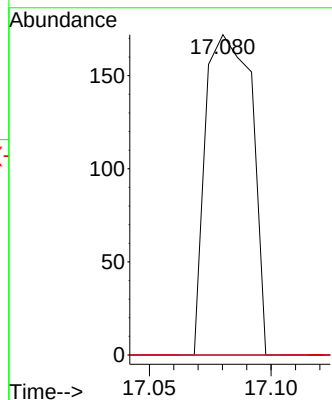
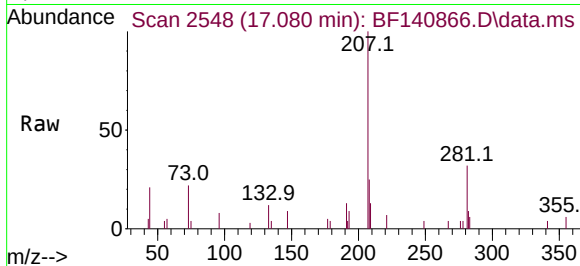




#91
 Dibenzo(a,h)anthracene
 Concen: 0.021 ng
 RT: 17.080 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF140866.D
 Acq: 16 Dec 2024 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB165590BL

Tgt Ion:278 Resp: 226
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.6 16.0#
 279 0.0 19.2 28.8#



#92
 Benzo(g,h,i)perylene
 Concen: 0.023 ng
 RT: 17.562 min Scan# 2630
 Delta R.T. 0.059 min
 Lab File: BF140866.D
 Acq: 16 Dec 2024 18:00

Tgt Ion:276 Resp: 242
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.7 28.1#
 138 0.0 14.2 21.2#

