

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140864.D
 Acq On : 16 Dec 2024 17:08
 Operator : RC/JU
 Sample : PB165543BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165543BL

Quant Time: Dec 17 00:02:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	82091	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	318902	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	190305	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	341982	20.000	ng	0.00
76) Chrysene-d12	14.021	240	254022	20.000	ng	-0.01
86) Perylene-d12	15.504	264	215430	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	705090	141.393	ng	0.01
7) Phenol-d6	6.493	99	917597	138.925	ng	0.00
23) Nitrobenzene-d5	7.410	82	649246	101.857	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	321029	142.631	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1232652	89.052	ng	0.00
79) Terphenyl-d14	12.957	244	1537987	95.472	ng	0.00
Target Compounds						
					Qvalue	
6) Aniline	6.540	93	462	0.082	ng	# 38
9) Benzaldehyde	6.493	77	1391	0.380	ng	# 2
10) Phenol	6.504	94	375	0.055	ng	# 1
11) bis(2-Chloroethyl)ether	6.540	93	462	0.090	ng	# 23
15) Benzyl Alcohol	6.845	79	2195	0.465	ng	# 27
19) n-Nitroso-di-n-propyla...	7.410	70	86479	21.827	ng	# 76
24) Nitrobenzene	7.410	77	2050	0.314	ng	# 37
25) Isophorone	7.410	82	637660	59.705	ng	# 65
31) Naphthalene	8.151	128	404	0.023	ng	# 69
33) 4-Chloroaniline	8.239	127	54	0.009	ng	# 45
37) 2-Methylnaphthalene	8.945	142	137	0.012	ng	92
38) 1-Methylnaphthalene	8.945	142	137	0.012	ng	95
46) 1,1'-Biphenyl	9.304	154	593	0.039	ng	93
47) 2-Chloronaphthalene	9.334	162	193	0.017	ng	# 37
48) 2-Nitroaniline	9.198	65	1719	0.492	ng	# 1
49) Acenaphthylene	9.751	152	369	0.022	ng	# 61
51) 2,6-Dinitrotoluene	9.881	165	24868	8.108	ng	# 21
52) Acenaphthene	9.916	154	136	0.013	ng	# 61
55) Dibenzofuran	10.098	168	419	0.025	ng	# 83
56) 4-Nitrophenol	10.098	139	115	4.508	ng	# 5
57) 2,4-Dinitrotoluene	9.881	165	24868	6.162	ng	# 15
58) Fluorene	10.433	166	389	0.028	ng	# 89
61) 4-Chlorophenyl-phenyle...	10.422	204	126	0.018	ng	# 66
63) Azobenzene	10.581	77	427	0.033	ng	# 50
65) 4,6-Dinitro-2-methylph...	10.675	198	663	0.342	ng	# 1
66) n-Nitrosodiphenylamine	10.675	169	9379	0.892	ng	# 48
67) 4-Bromophenyl-phenylether	10.675	248	19598	5.123	ng	# 1
71) Phenanthrene	11.398	178	614	0.035	ng	# 60
72) Anthracene	11.451	178	603	0.035	ng	# 61
73) Carbazole	11.628	167	271	0.016	ng	# 60
74) Di-n-butylphthalate	11.927	149	198	0.010	ng	# 78
75) Fluoranthene	12.598	202	255	0.013	ng	65
77) Benzidine	12.722	184	2916	0.562	ng	# 82
78) Pyrene	12.827	202	584	0.026	ng	# 58
80) Butylbenzylphthalate	13.427	149	119	0.014	ng	# 58
81) Benzo(a)anthracene	14.016	228	1389	0.077	ng	# 89

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QLast Update : Mon Dec 16 16:59:50 2024
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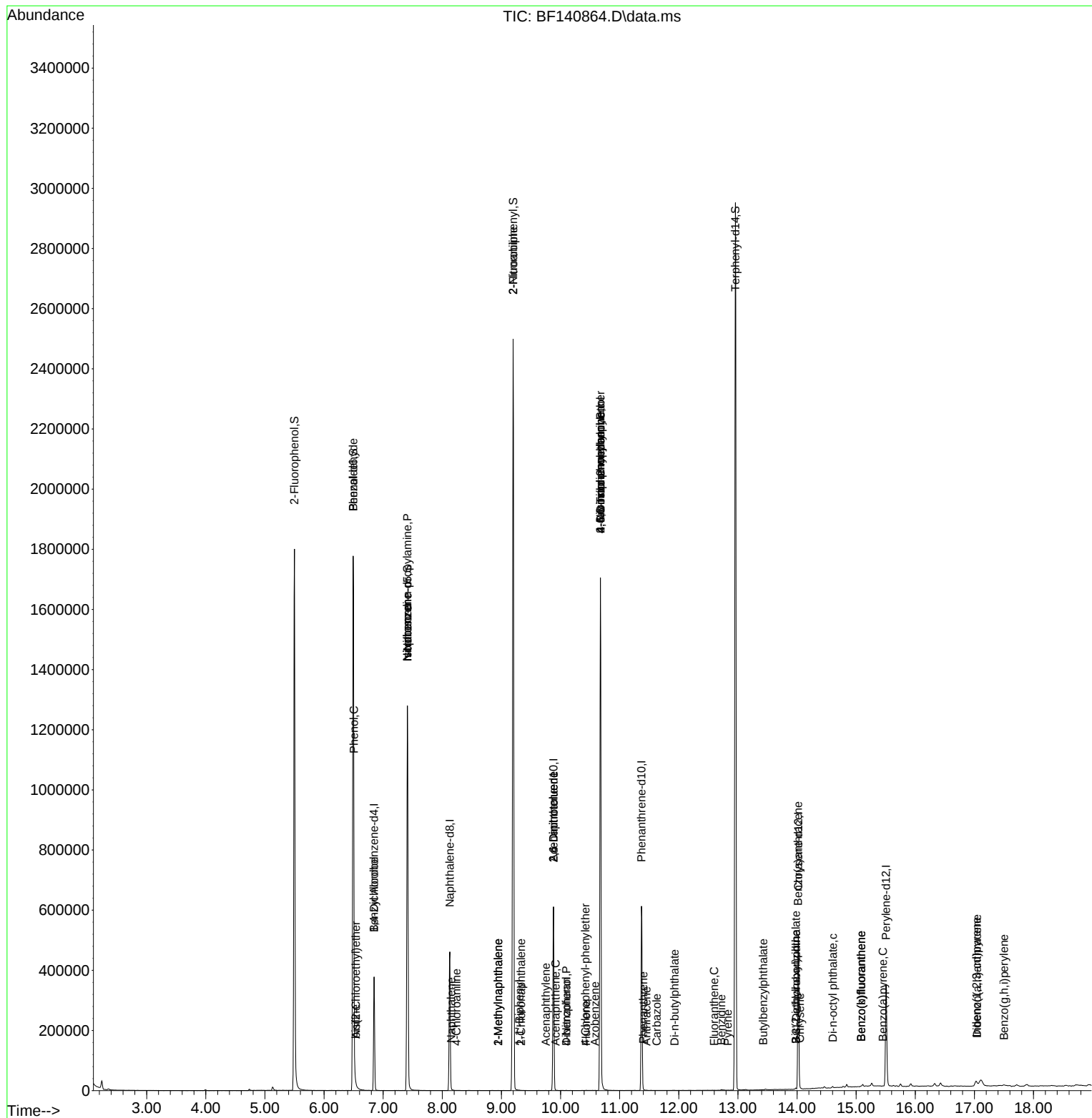
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 3,3'-Dichlorobenzidine	13.986	252	525	0.097	ng	# 89
83) Chrysene	14.051	228	446	0.027	ng	# 49
84) Bis(2-ethylhexyl)phtha...	13.980	149	1291	0.120	ng	# 95
85) Di-n-octyl phthalate	14.604	149	3210	0.198	ng	# 80
87) Indeno(1,2,3-cd)pyrene	17.039	276	4193	0.312	ng	# 89
88) Benzo(b)fluoranthene	15.086	252	1412	0.094	ng	# 93
89) Benzo(k)fluoranthene	15.086	252	1412	0.110	ng	# 93
90) Benzo(a)pyrene	15.451	252	1605	0.137	ng	# 85
91) Dibenzo(a,h)anthracene	17.045	278	3630	0.326	ng	# 96
92) Benzo(g,h,i)perylene	17.498	276	3887	0.343	ng	# 93

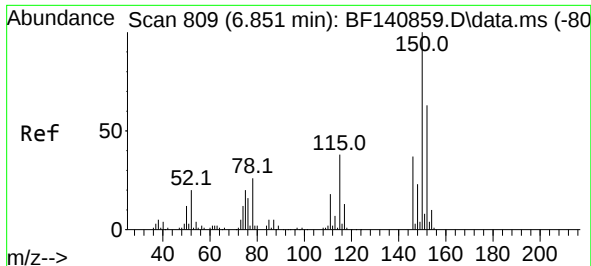
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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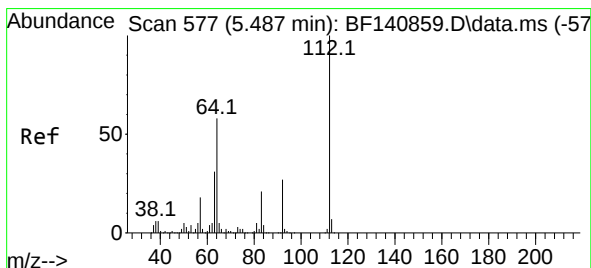
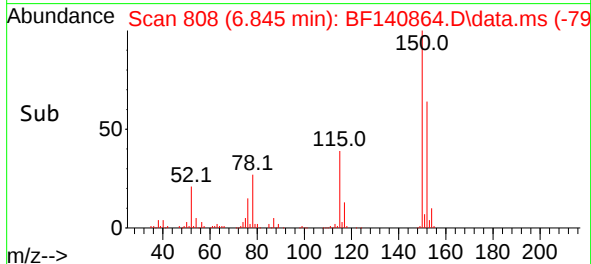
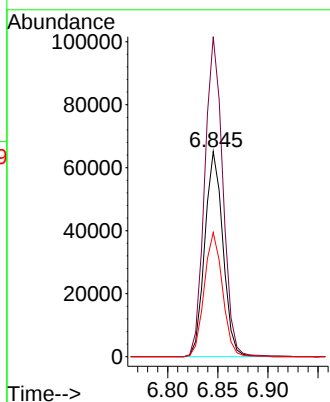
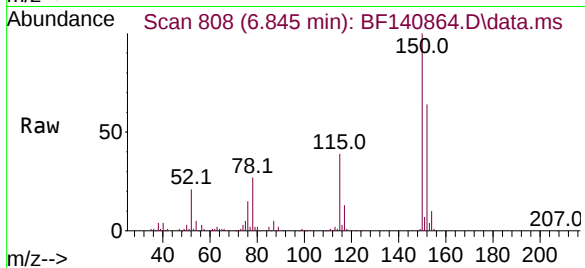




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: BF140864.D
 Acq: 16 Dec 2024 17:08

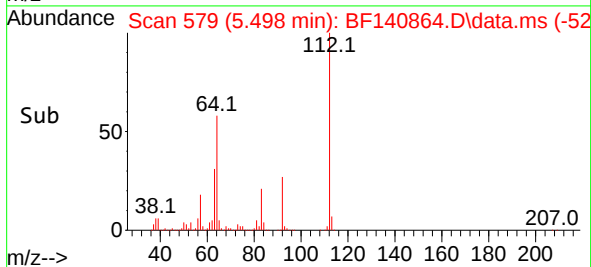
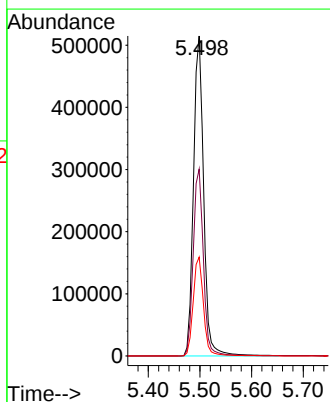
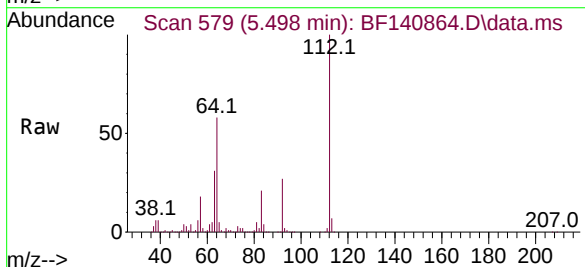
Instrument :
 BNA_F
 ClientSampleId :
 PB165543BL

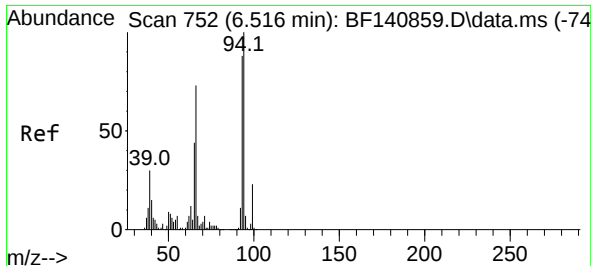
Tgt Ion:152 Resp: 82091
 Ion Ratio Lower Upper
 152 100
 150 156.0 127.9 191.9
 115 60.5 48.0 72.0



#5
 2-Fluorophenol
 Concen: 141.393 ng
 RT: 5.498 min Scan# 579
 Delta R.T. 0.012 min
 Lab File: BF140864.D
 Acq: 16 Dec 2024 17:08

Tgt Ion:112 Resp: 705090
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.1 69.1
 63 30.9 24.9 37.3





#6

Aniline

Concen: 0.082 ng

RT: 6.540 min Scan# 71

Delta R.T. 0.023 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

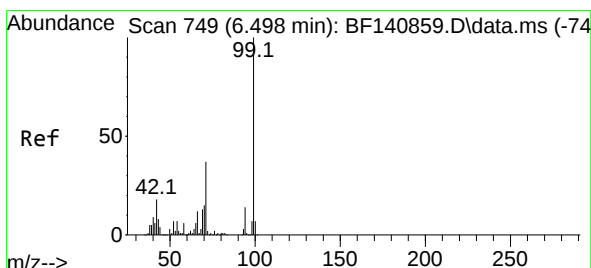
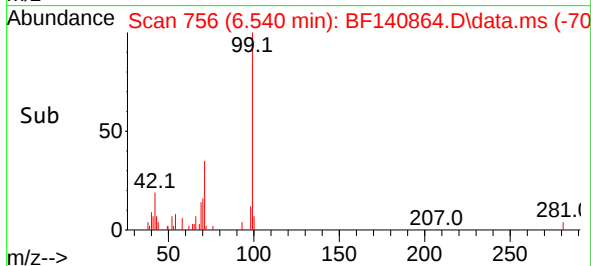
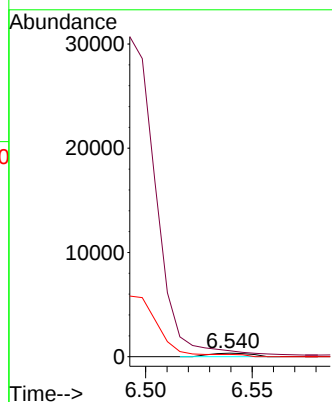
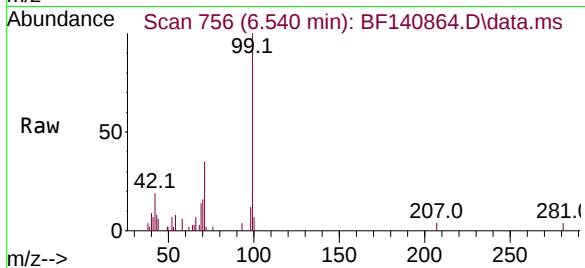
Tgt Ion: 93 Resp: 462

Ion Ratio Lower Upper

93 100

66 163.4 67.0 100.4#

65 64.0 40.4 60.6#



#7

Phenol-d6

Concen: 138.925 ng

RT: 6.493 min Scan# 748

Delta R.T. -0.006 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

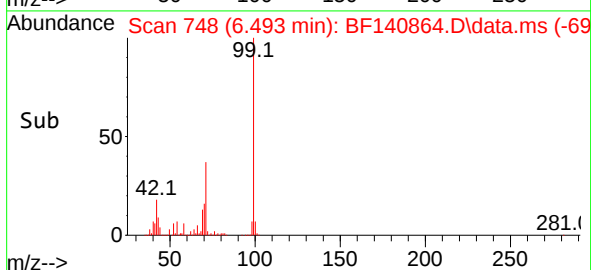
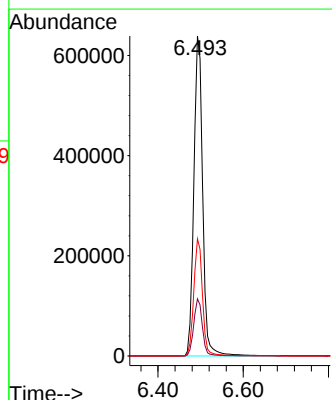
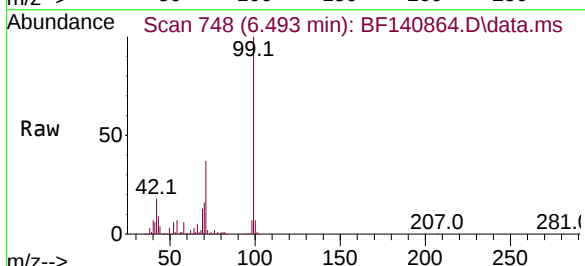
Tgt Ion: 99 Resp: 917597

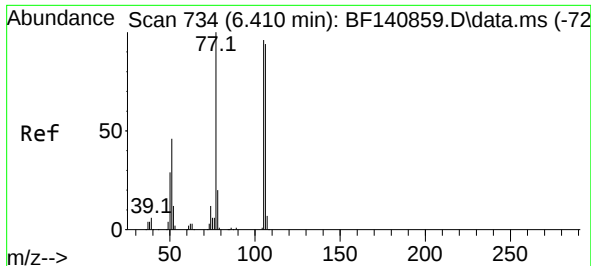
Ion Ratio Lower Upper

99 100

42 17.8 14.3 21.5

71 36.6 29.9 44.9





#9

Benzaldehyde

Concen: 0.380 ng

RT: 6.493 min Scan# 74

Delta R.T. 0.082 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

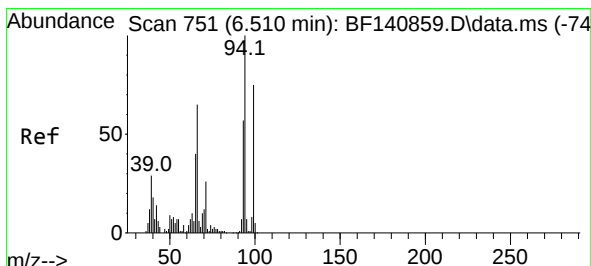
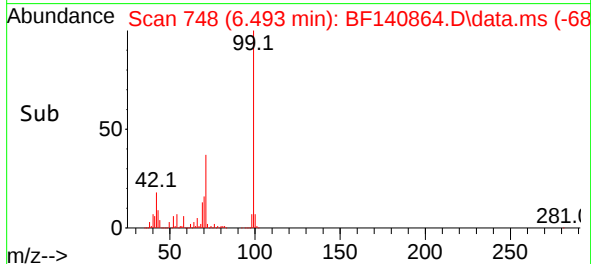
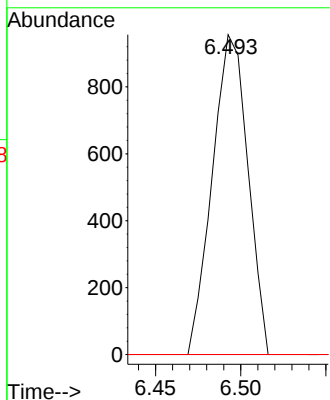
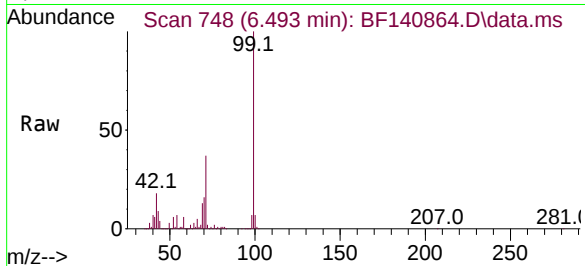
Tgt Ion: 77 Resp: 1391

Ion Ratio Lower Upper

77 100

105 0.0 75.8 115.8#

106 0.0 74.1 114.1#



#10

Phenol

Concen: 0.055 ng

RT: 6.504 min Scan# 750

Delta R.T. -0.006 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

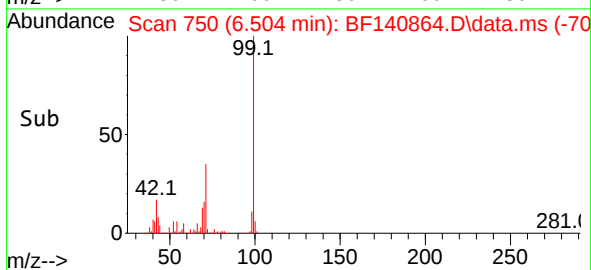
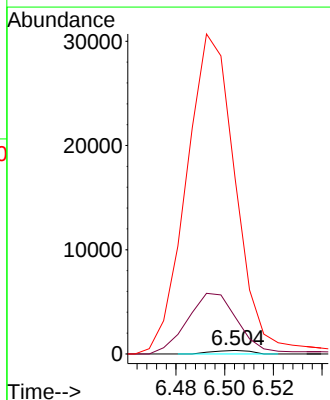
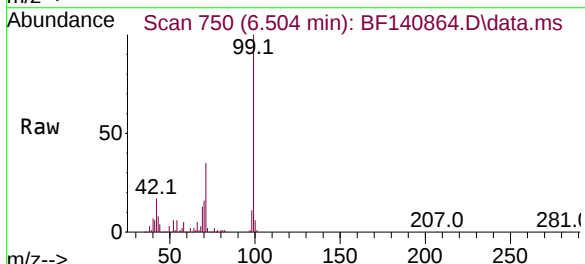
Tgt Ion: 94 Resp: 375

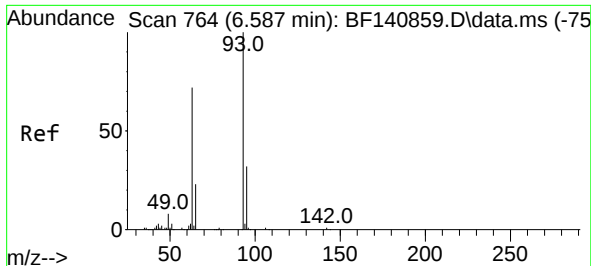
Ion Ratio Lower Upper

94 100

65 1032.7 19.9 59.9#

66 4900.3 45.6 85.6#





#11

bis(2-Chloroethyl)ether

Concen: 0.090 ng

RT: 6.540 min Scan# 71

Delta R.T. -0.047 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

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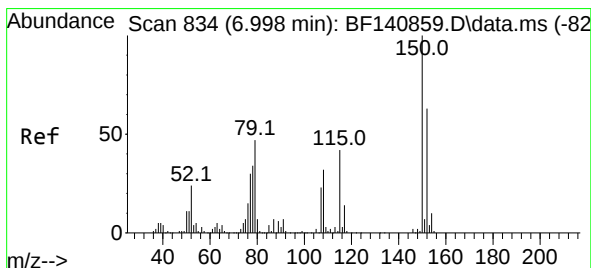
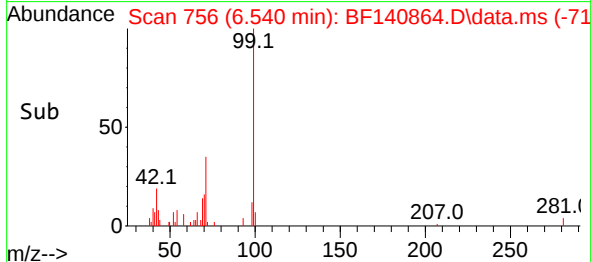
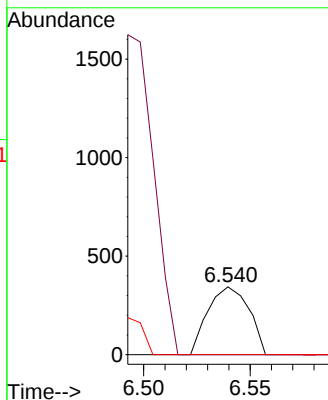
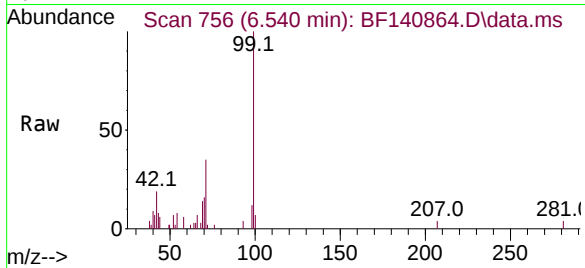
Tgt Ion: 93 Resp: 462

Ion Ratio Lower Upper

93 100

63 0.0 51.0 91.0#

95 0.0 12.0 52.0#



#15

Benzyl Alcohol

Concen: 0.465 ng

RT: 6.845 min Scan# 808

Delta R.T. -0.153 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

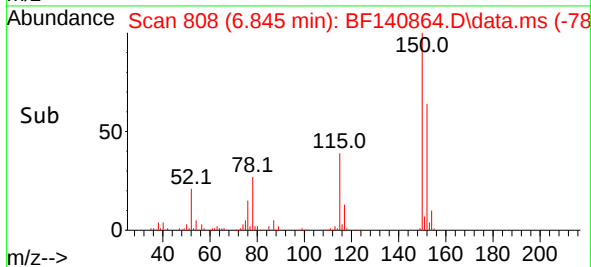
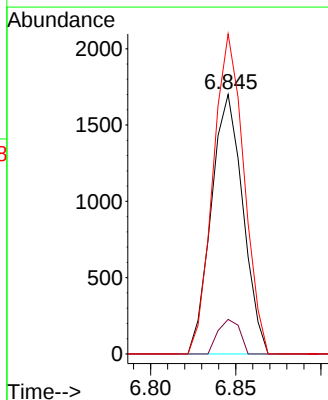
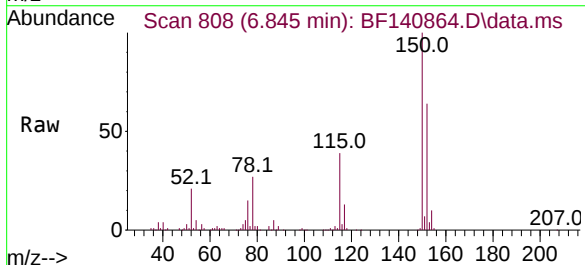
Tgt Ion: 79 Resp: 2195

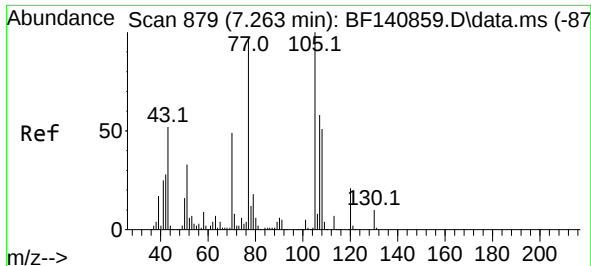
Ion Ratio Lower Upper

79 100

108 13.3 55.1 82.7#

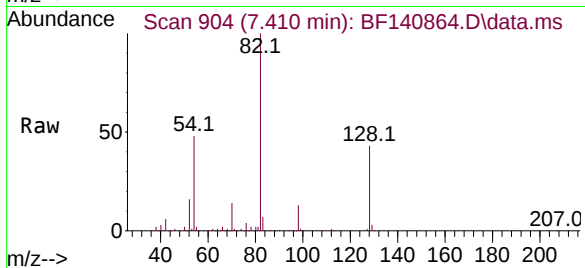
77 123.3 50.6 76.0#



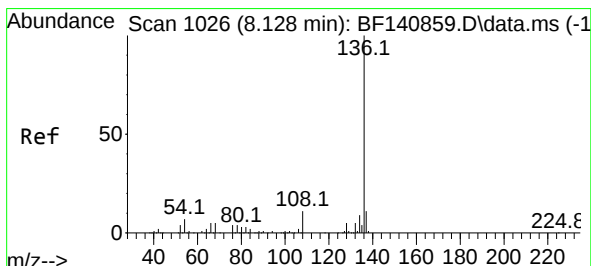
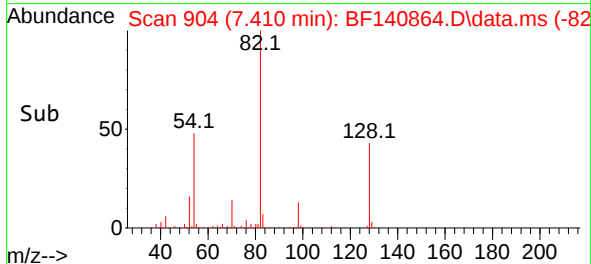
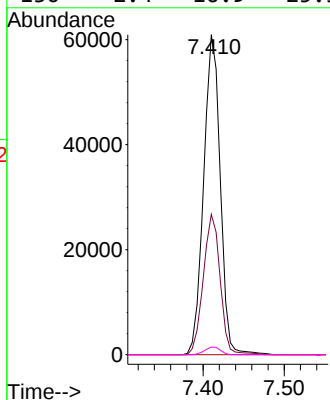


#19
n-Nitroso-di-n-propylamine
Concen: 21.827 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

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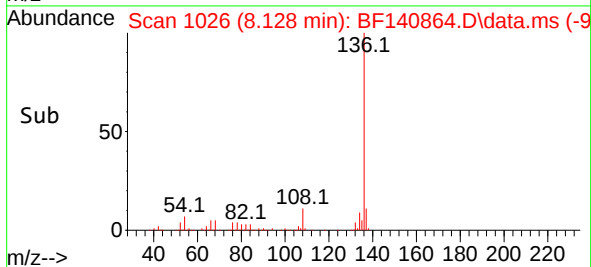
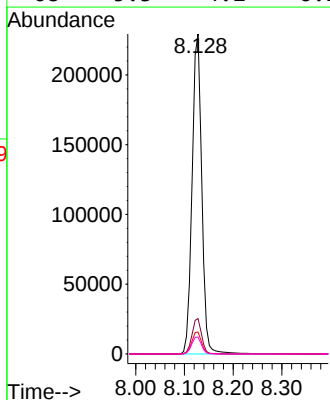
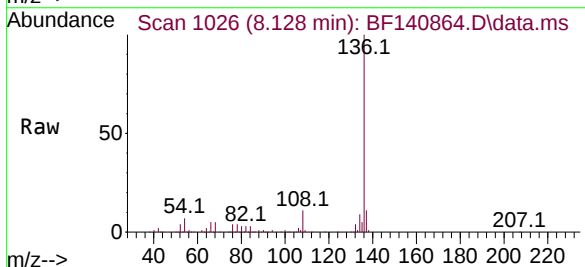


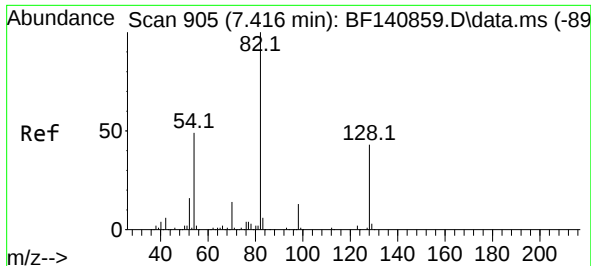
Tgt Ion: 70 Resp: 86479
Ion Ratio Lower Upper
70 100
42 43.9 45.3 67.9#
101 0.0 8.0 12.0#
130 2.4 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion: 136 Resp: 318902
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.8 5.6 8.4
68 5.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 101.857 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

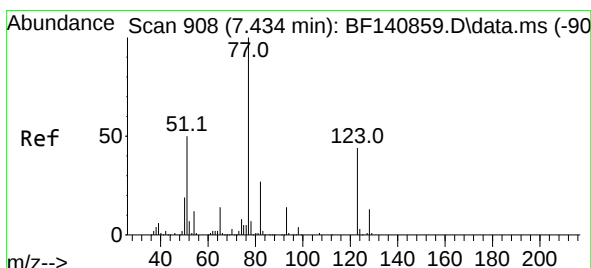
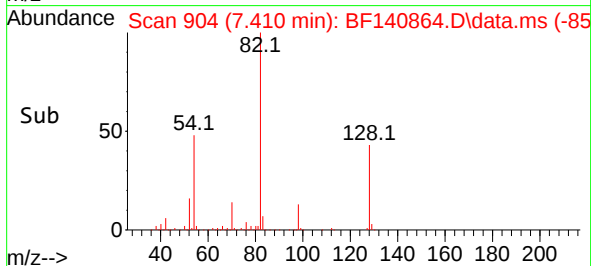
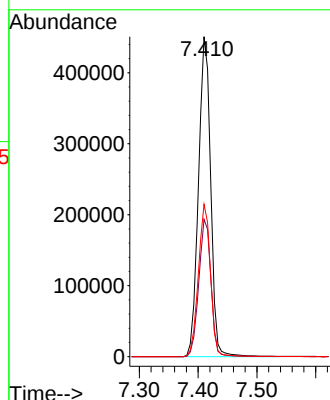
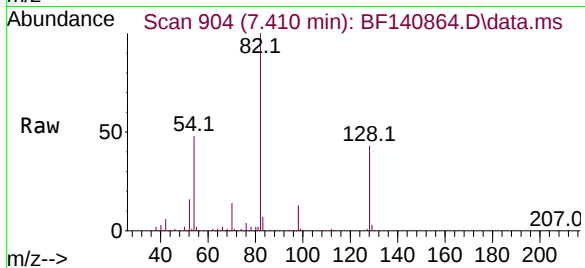
Tgt Ion: 82 Resp: 649246

Ion Ratio Lower Upper

82 100

128 42.9 34.4 51.6

54 47.6 38.8 58.2



#24

Nitrobenzene

Concen: 0.314 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.024 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

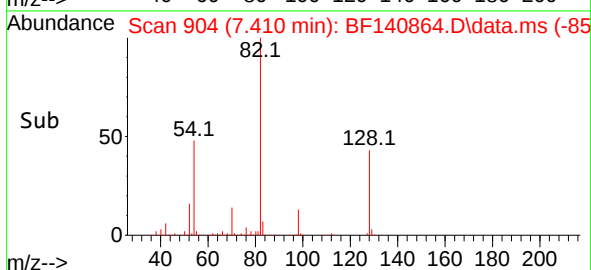
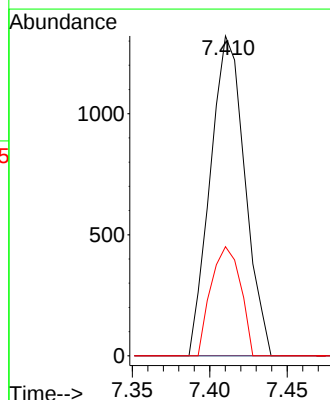
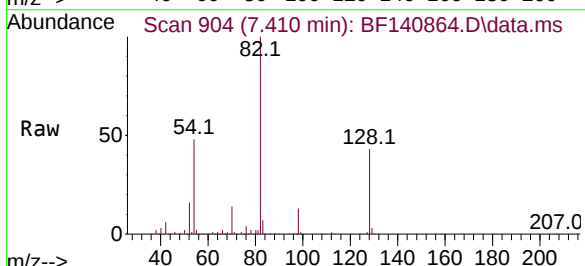
Tgt Ion: 77 Resp: 2050

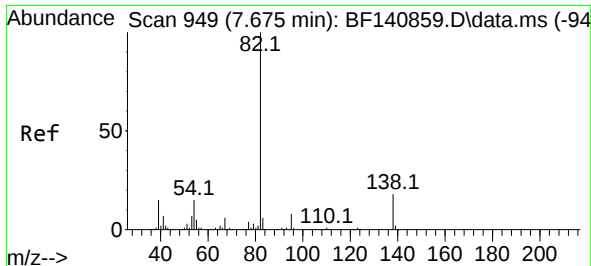
Ion Ratio Lower Upper

77 100

123 0.0 35.0 52.4#

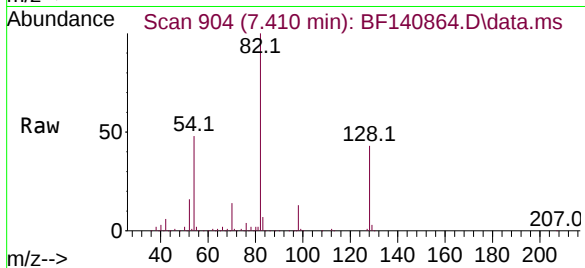
65 34.1 11.4 17.0#



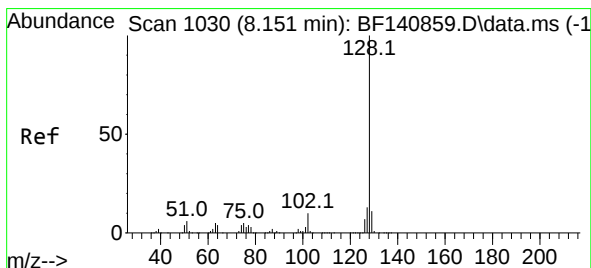
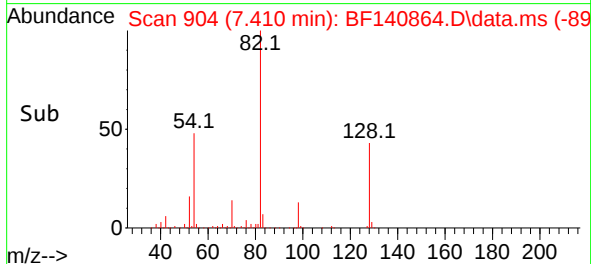
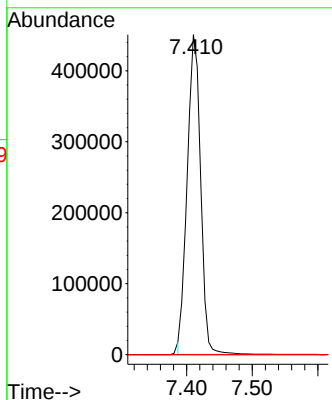


#25
Isophorone
Concen: 59.705 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Instrument :
BNA_F
ClientSampleId :
PB165543BL

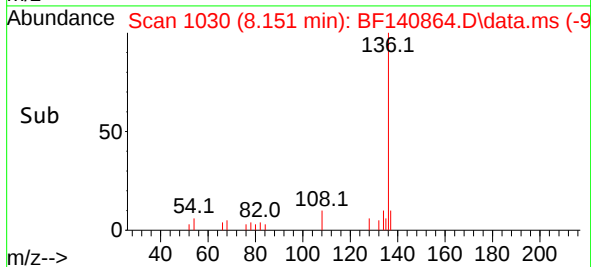
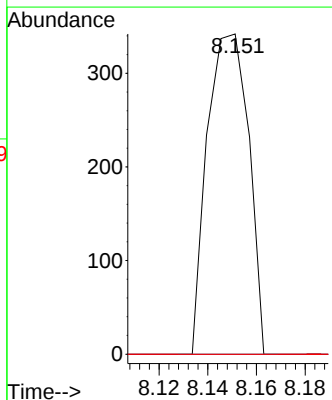
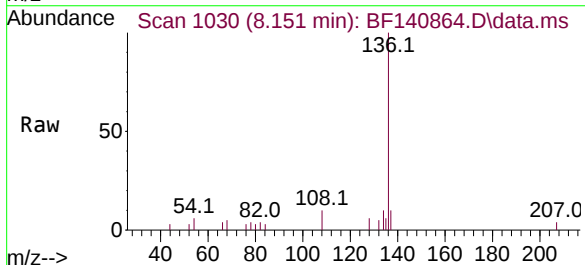


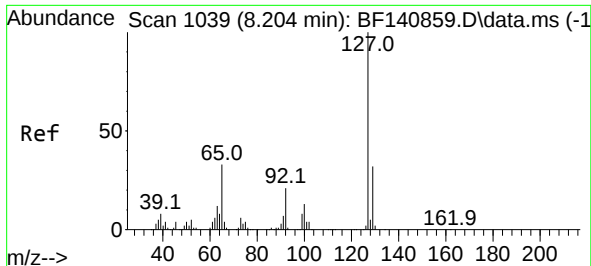
Tgt Ion: 82 Resp: 637660
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#31
Naphthalene
Concen: 0.023 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

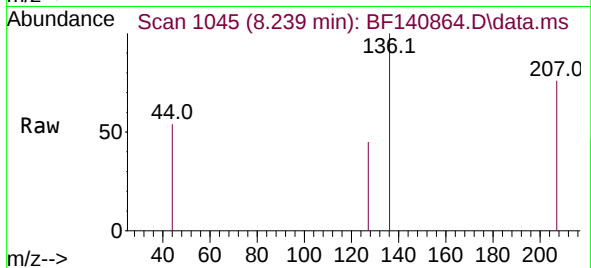
Tgt Ion: 128 Resp: 404
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.6 16.0#



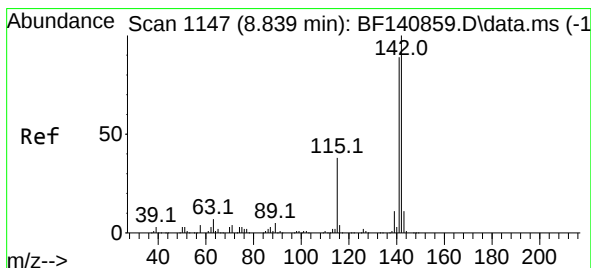
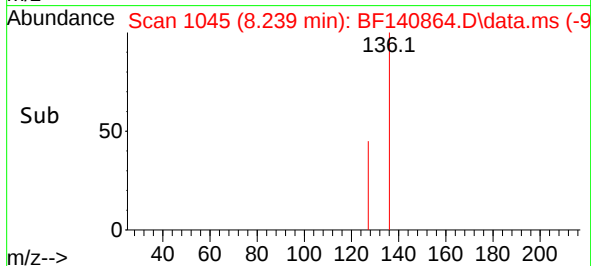
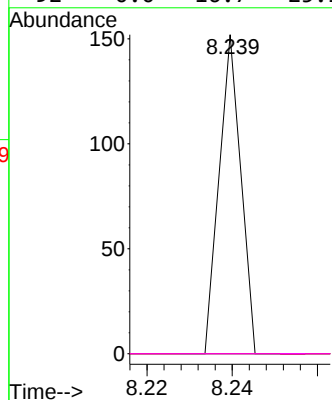


#33
4-Chloroaniline
Concen: 0.009 ng
RT: 8.239 min Scan# 110
Delta R.T. 0.035 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Instrument :
BNA_F
ClientSampleId :
PB165543BL

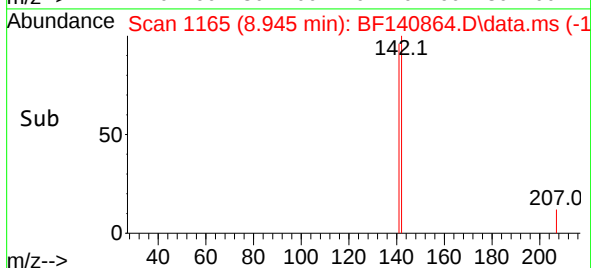
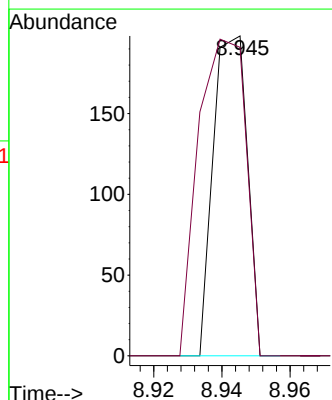
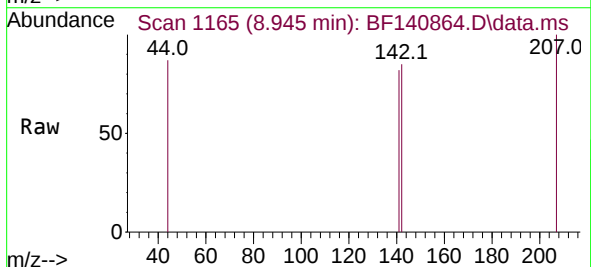


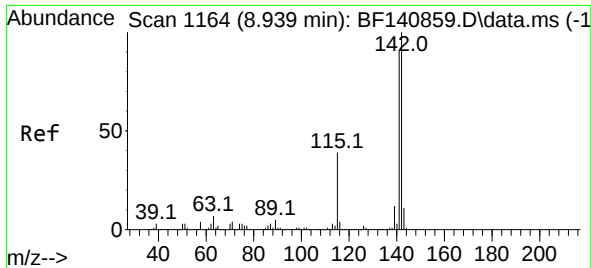
Tgt Ion:127	Resp: 54
Ion Ratio	Lower Upper
127 100	
129 0.0	26.0 39.0#
65 0.0	26.0 39.0#
92 0.0	16.7 25.1#



#37
2-Methylnaphthalene
Concen: 0.012 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.106 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion:142	Resp:	137	
Ion	Ratio	Lower	Upper
142	100		
141	96.5	71.0	106.6

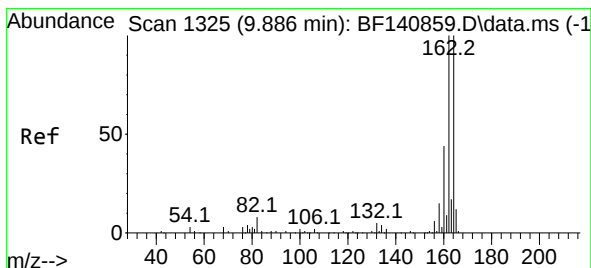
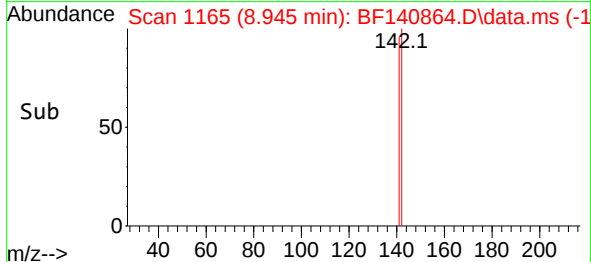
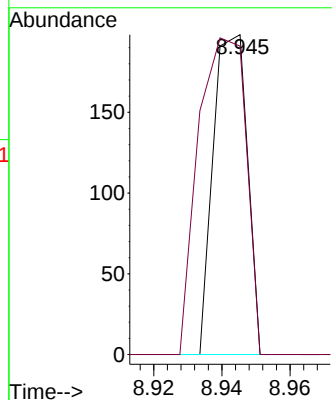
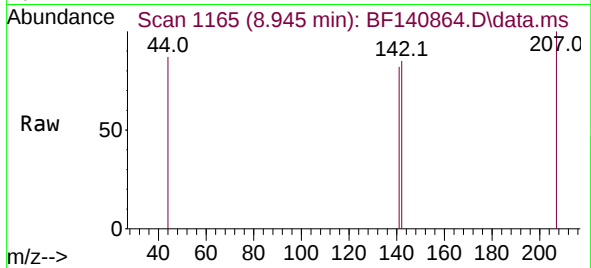




#38
1-Methylnaphthalene
Concen: 0.012 ng
RT: 8.945 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

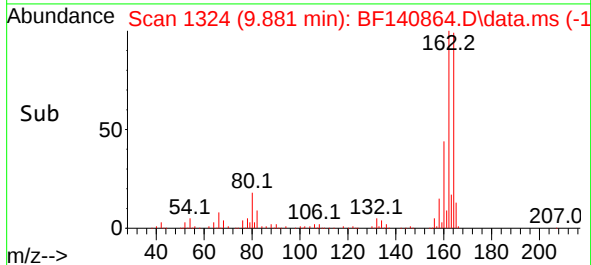
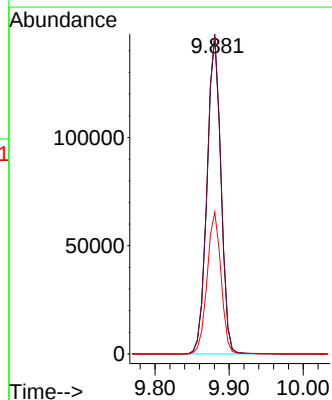
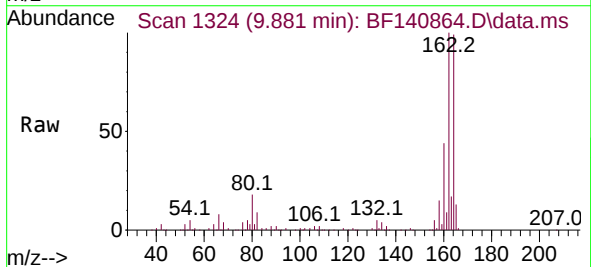
Instrument :
BNA_F
ClientSampleId :
PB165543BL

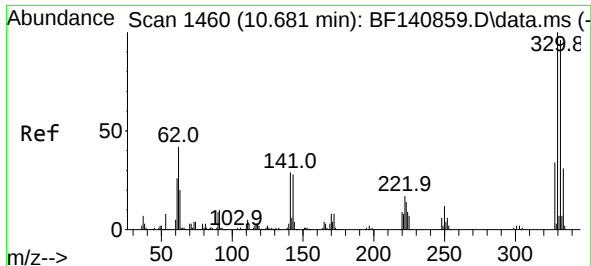
Tgt Ion:142 Resp: 137
Ion Ratio Lower Upper
142 100
141 96.5 73.4 110.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion:164 Resp: 190305
Ion Ratio Lower Upper
164 100
162 100.9 79.9 119.9
160 44.7 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 142.631 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

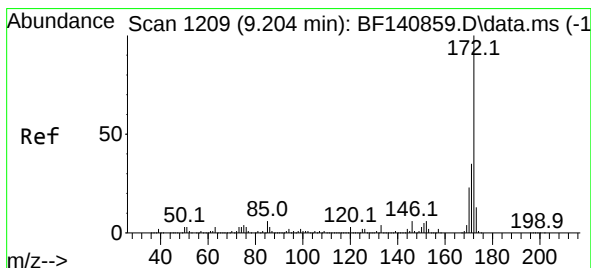
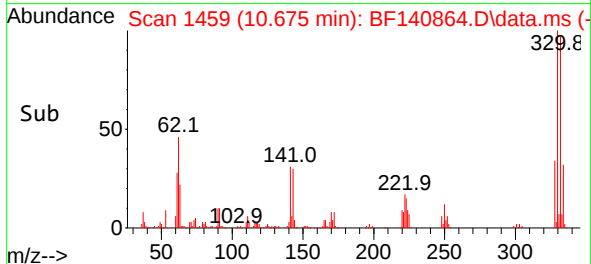
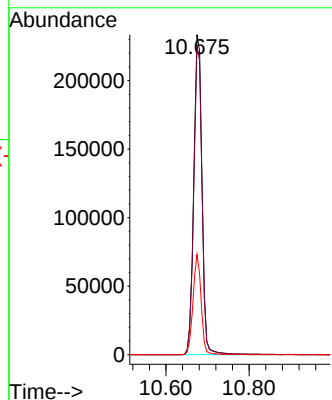
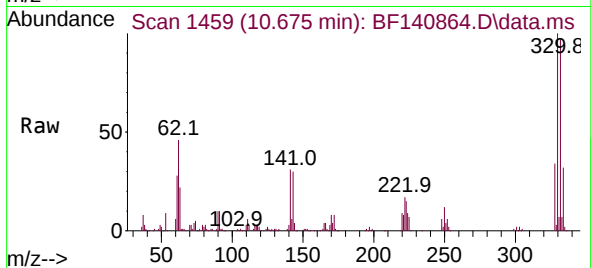
Tgt Ion:330 Resp: 321029

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 30.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 89.052 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

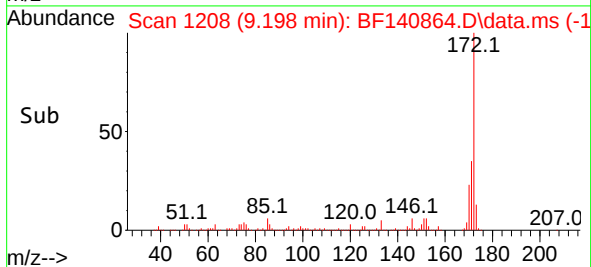
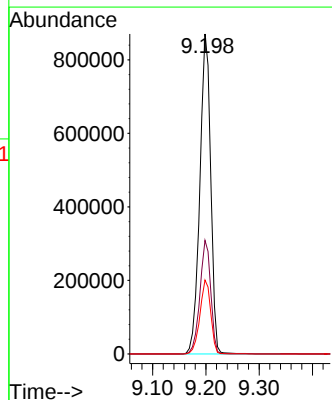
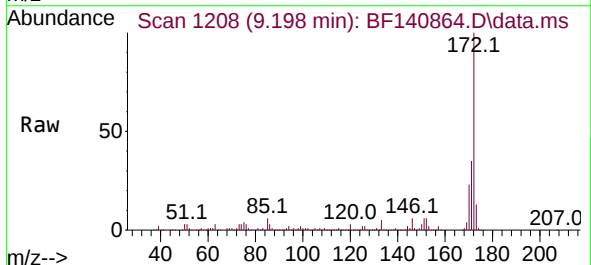
Tgt Ion:172 Resp: 1232652

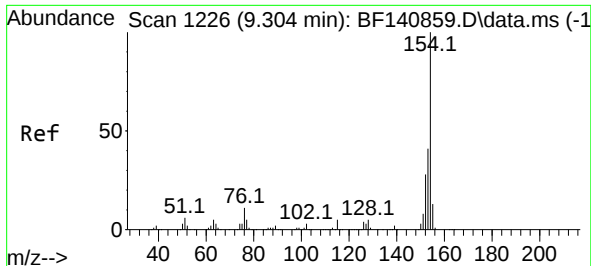
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

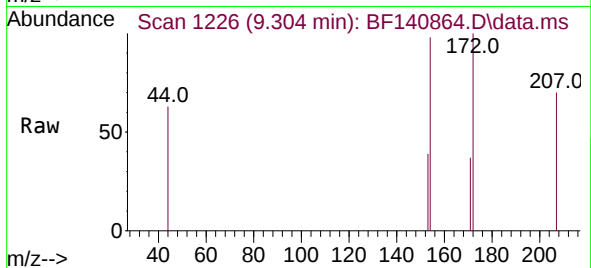
170 23.1 18.6 28.0



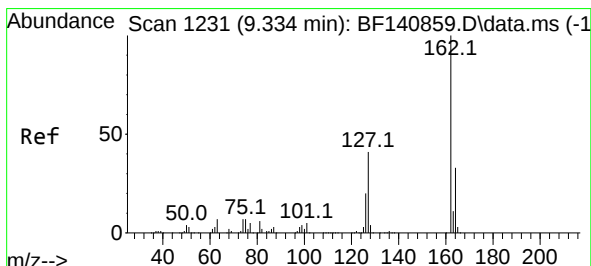
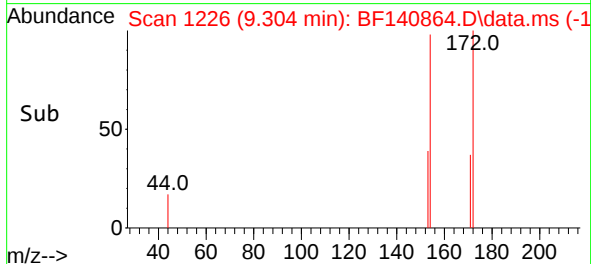
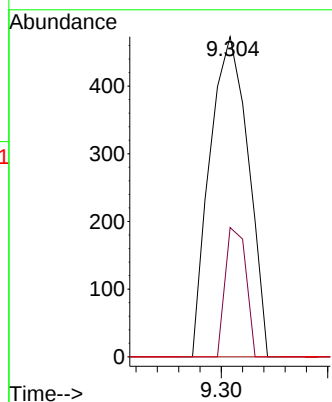


#46
1,1'-Biphenyl
Concen: 0.039 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Instrument :
BNA_F
ClientSampleId :
PB165543BL

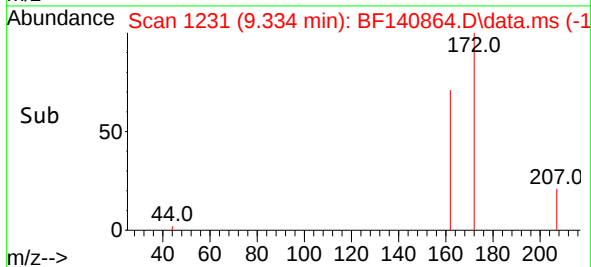
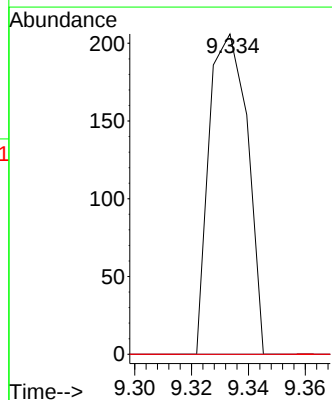
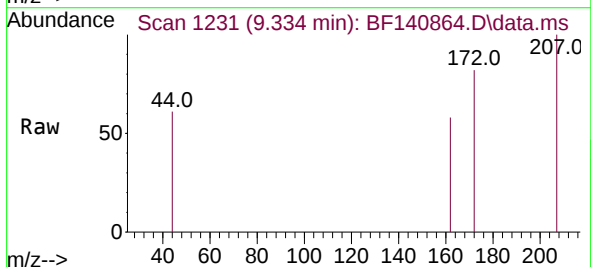


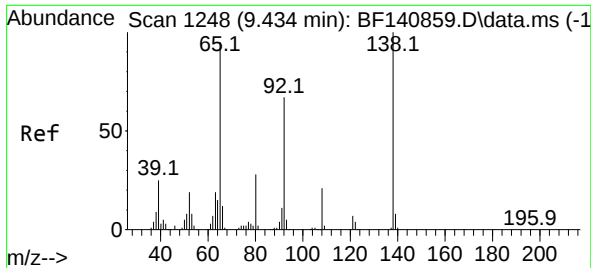
Tgt Ion:154 Resp: 593
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 0.0 0.0 31.0



#47
2-Chloronaphthalene
Concen: 0.017 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion:162 Resp: 193
Ion Ratio Lower Upper
162 100
127 0.0 33.5 50.3#
164 0.0 26.2 39.2#

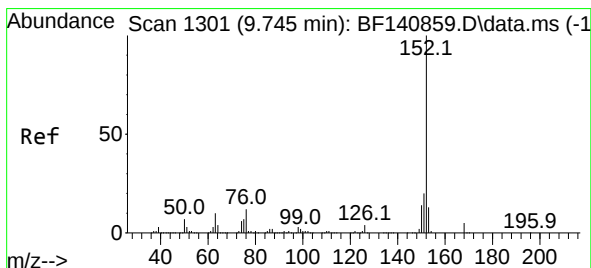
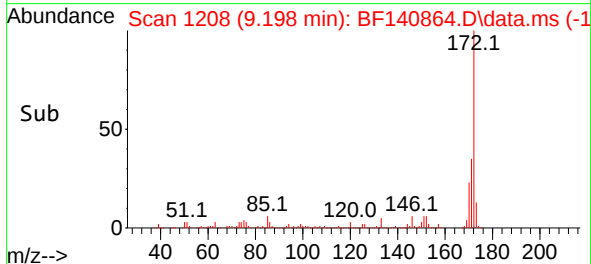
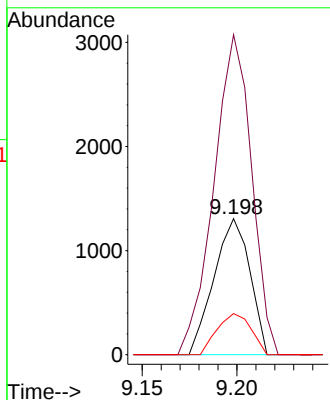
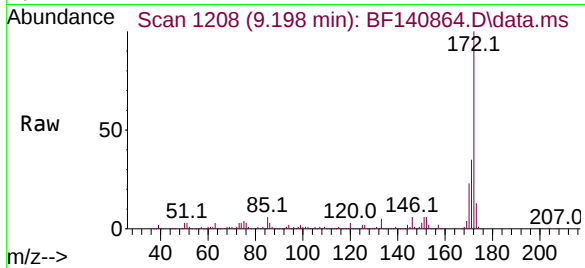




#48
2-Nitroaniline
Concen: 0.492 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

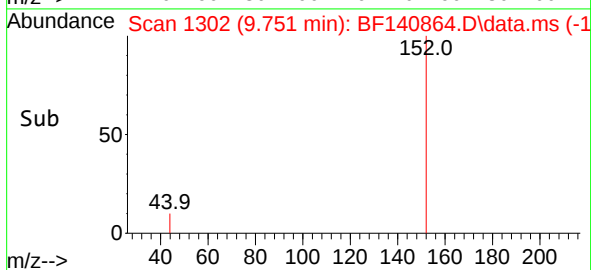
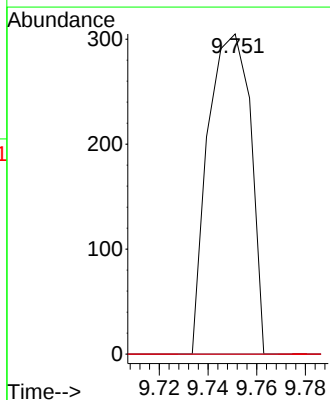
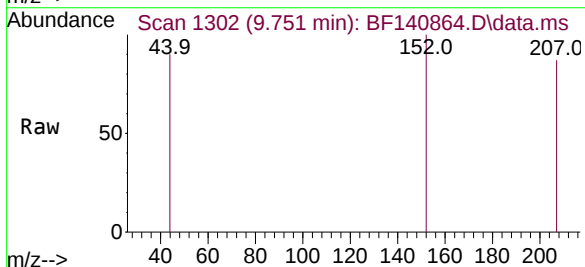
Instrument :
BNA_F
ClientSampleId :
PB165543BL

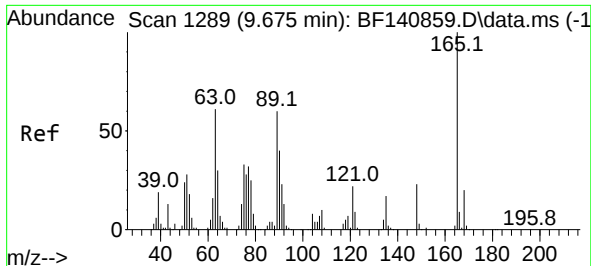
Tgt Ion: 65 Resp: 1719
Ion Ratio Lower Upper
65 100
92 235.4 56.3 84.5#
138 30.2 83.8 125.6#



#49
Acenaphthylene
Concen: 0.022 ng
RT: 9.751 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion: 152 Resp: 369
Ion Ratio Lower Upper
152 100
151 0.0 16.0 24.0#
153 0.0 10.6 16.0#

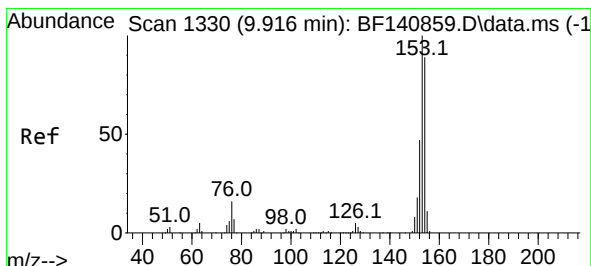
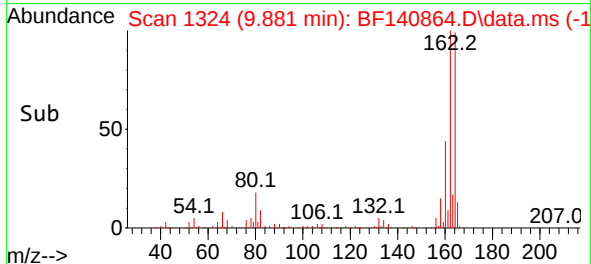
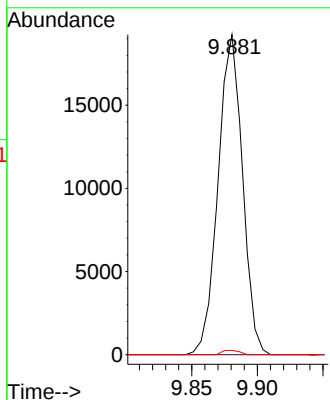
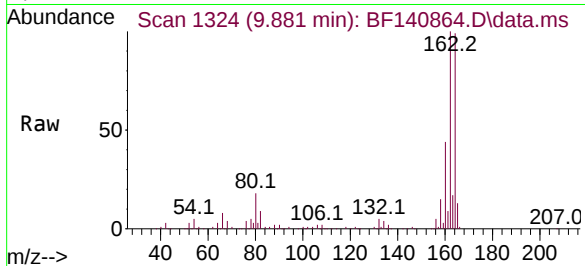




#51
2,6-Dinitrotoluene
Concen: 8.108 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

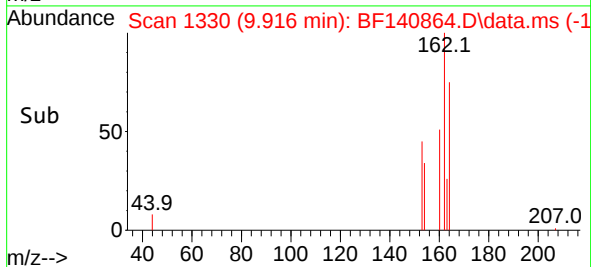
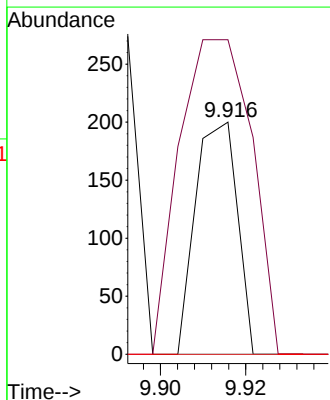
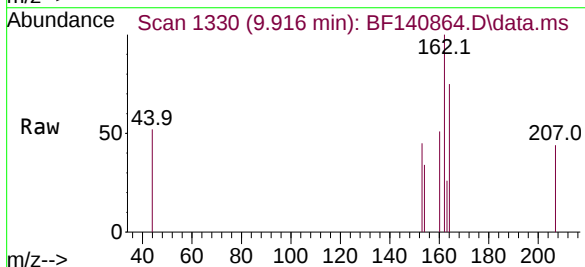
Instrument :
BNA_F
ClientSampleId :
PB165543BL

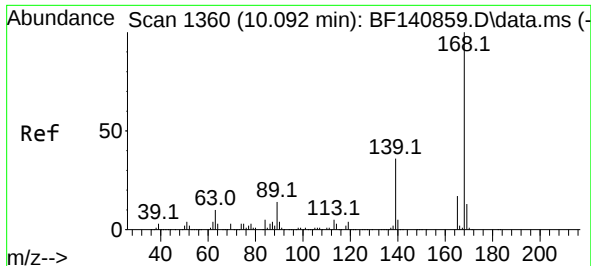
Tgt Ion:165 Resp: 24868
Ion Ratio Lower Upper
165 100
63 0.0 49.7 74.5#
89 1.4 48.2 72.4#



#52
Acenaphthene
Concen: 0.013 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

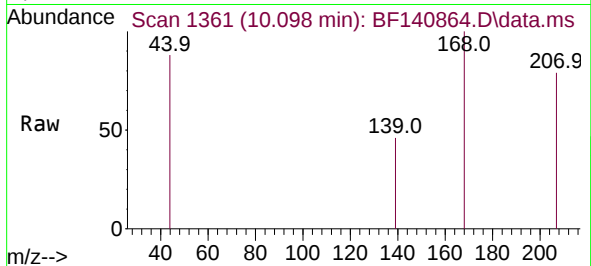
Tgt Ion:154 Resp: 136
Ion Ratio Lower Upper
154 100
153 135.5 89.9 134.9#
152 0.0 42.6 63.8#



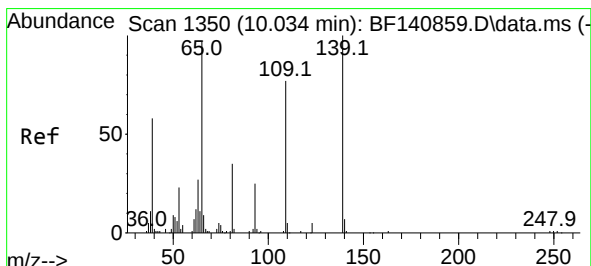
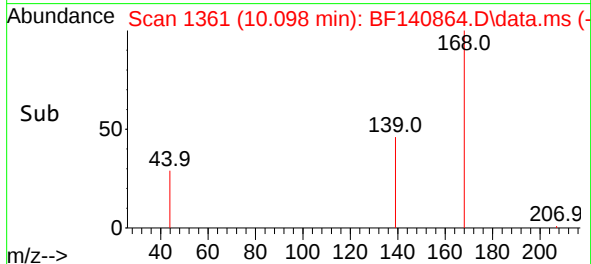
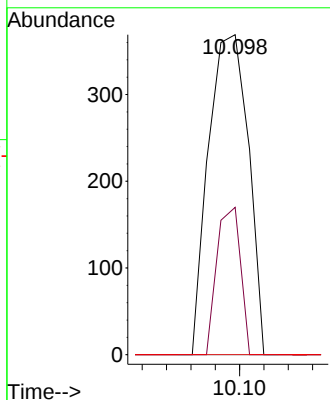


#55
Dibenzenofuran
Concen: 0.025 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Instrument :
BNA_F
ClientSampleId :
PB165543BL

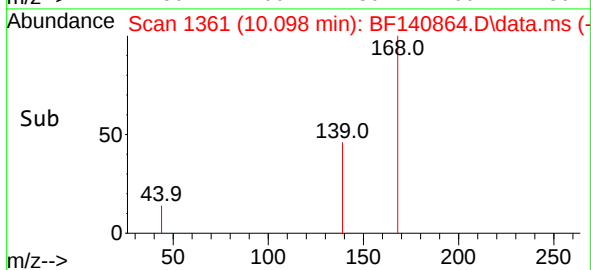
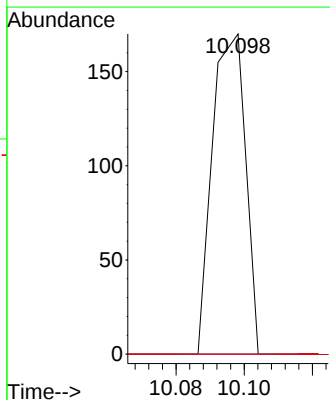
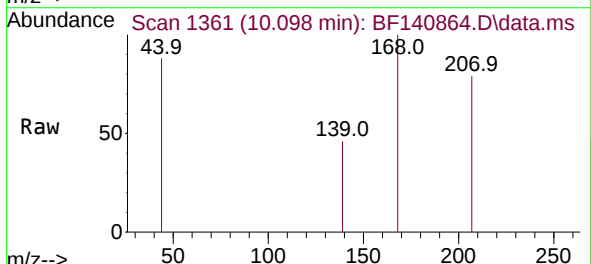


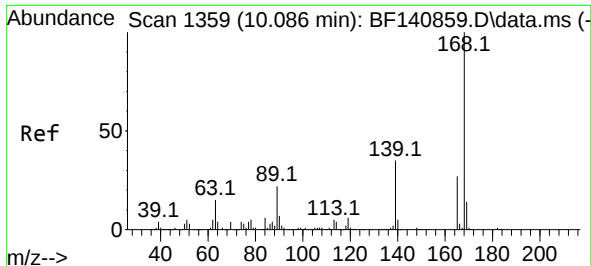
Tgt Ion:168 Resp: 419
Ion Ratio Lower Upper
168 100
139 46.1 31.1 46.7
169 0.0 10.6 16.0#



#56
4-Nitrophenol
Concen: 4.508 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.064 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion:139 Resp: 115
Ion Ratio Lower Upper
139 100
109 0.0 56.7 96.7#
65 0.0 78.1 118.1#

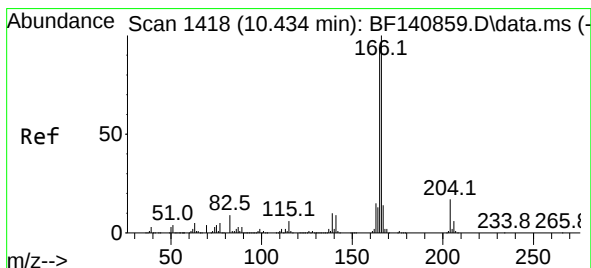
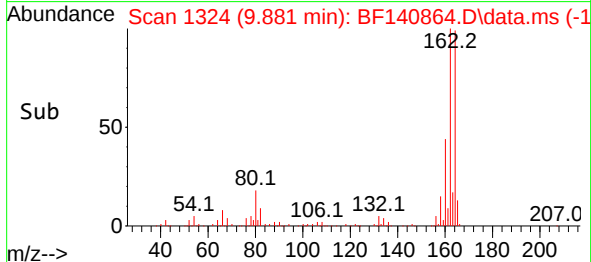
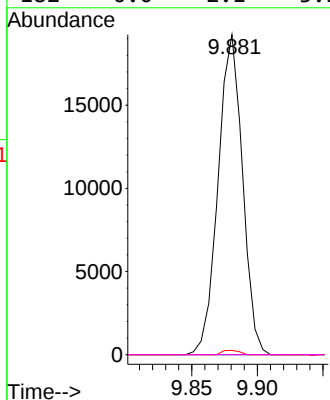
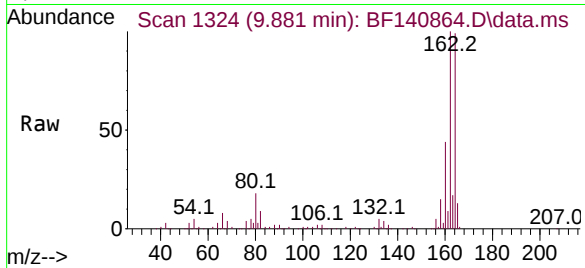




#57
2,4-Dinitrotoluene
Concen: 6.162 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

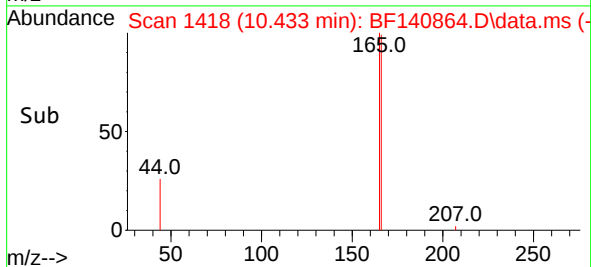
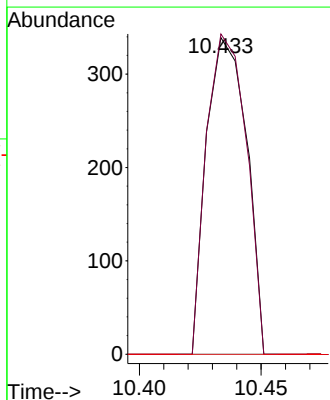
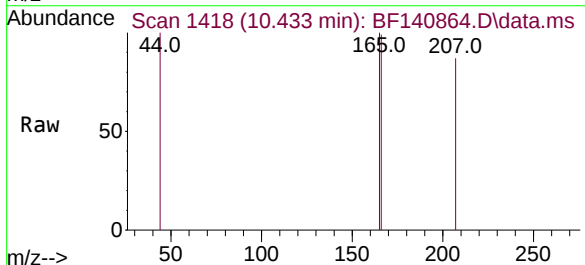
Instrument :
BNA_F
ClientSampleId :
PB165543BL

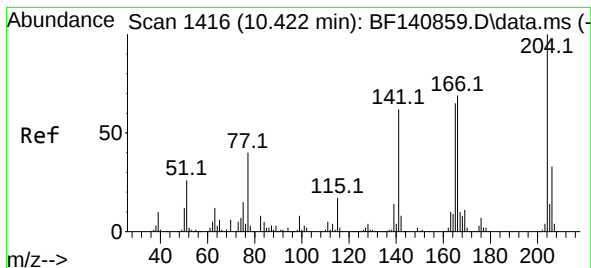
Tgt Ion:165 Resp: 24868
Ion Ratio Lower Upper
165 100
63 0.0 49.3 73.9#
89 1.4 66.2 99.4#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 0.028 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion:166 Resp: 389
Ion Ratio Lower Upper
166 100
165 101.2 75.1 112.7
167 0.0 11.1 16.7#

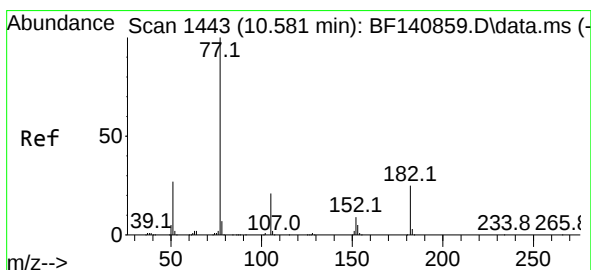
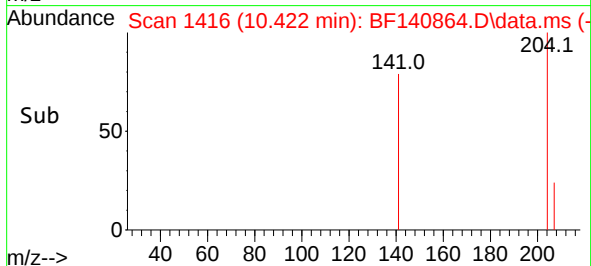
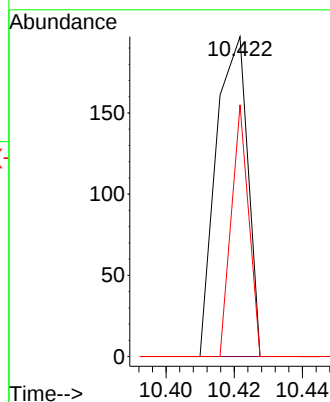
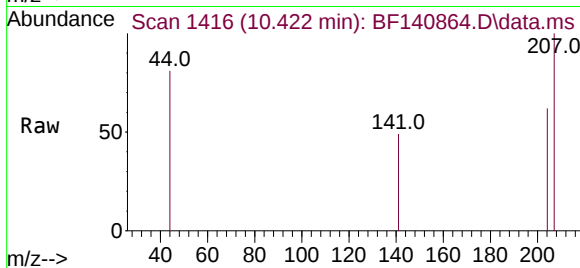




#61
4-Chlorophenyl-phenylether
Concen: 0.018 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

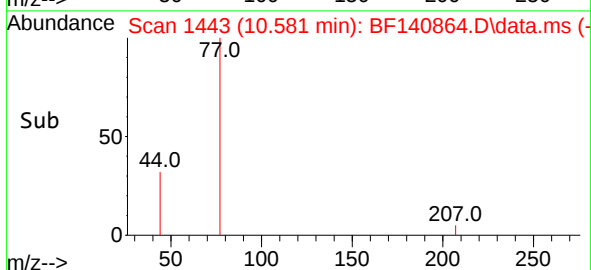
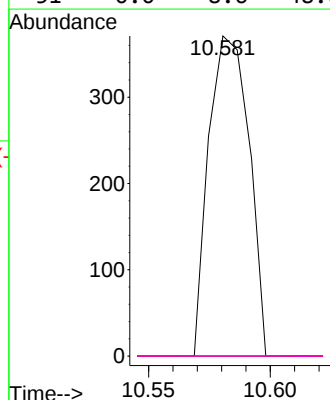
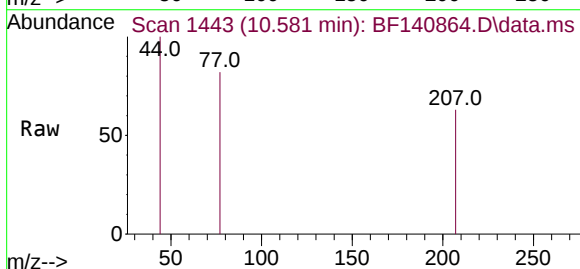
Instrument :
BNA_F
ClientSampleId :
PB165543BL

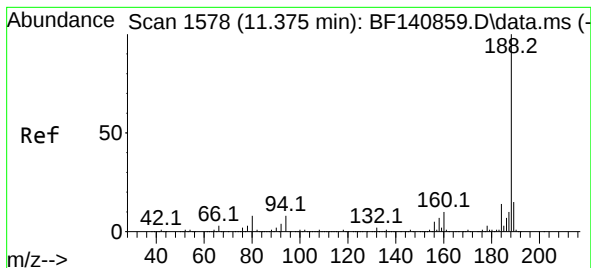
Tgt Ion: 204 Resp: 126
Ion Ratio Lower Upper
204 100
206 0.0 26.5 39.7#
141 78.7 50.0 75.0#



#63
Azobenzene
Concen: 0.033 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion: 77 Resp: 427
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# 1

Delta R.T. -0.006 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

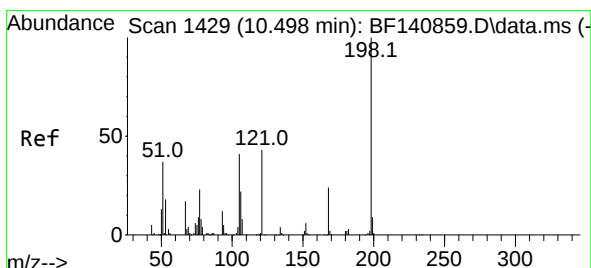
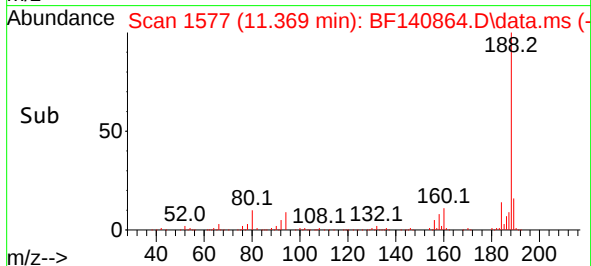
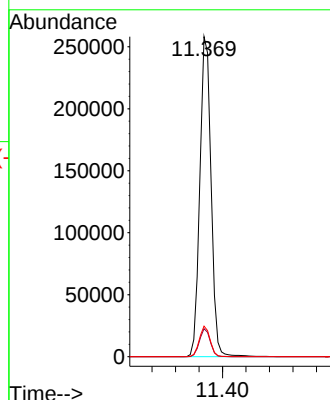
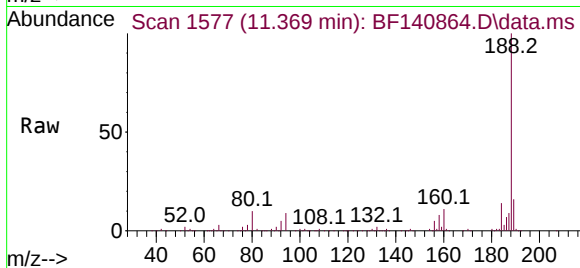
Tgt Ion:188 Resp: 341982

Ion Ratio Lower Upper

188 100

94 8.8 6.4 9.6

80 9.6 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 0.342 ng

RT: 10.675 min Scan# 1459

Delta R.T. 0.177 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

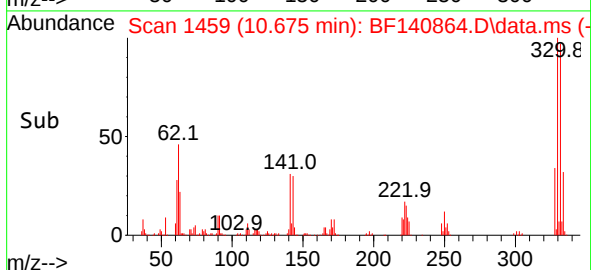
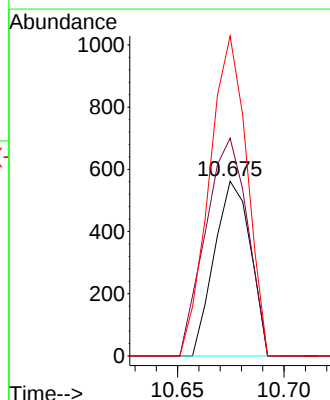
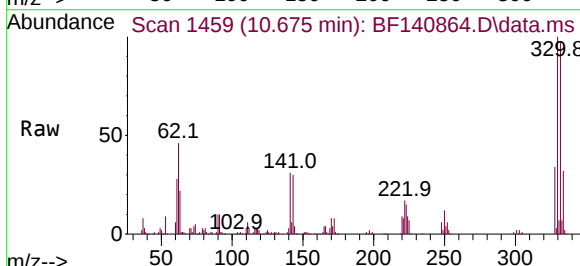
Tgt Ion:198 Resp: 663

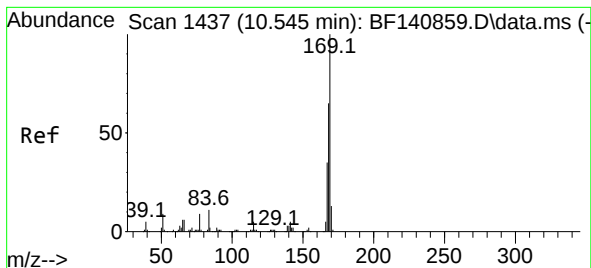
Ion Ratio Lower Upper

198 100

51 124.6 24.4 64.4#

105 183.1 22.1 62.1#

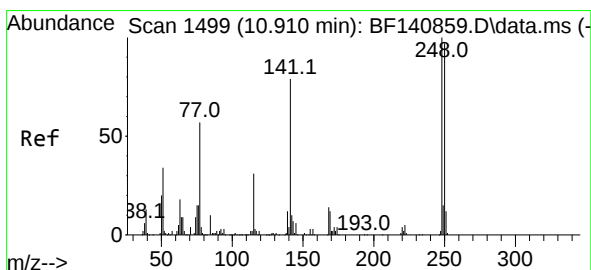
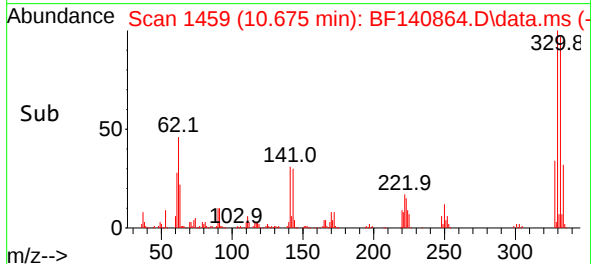
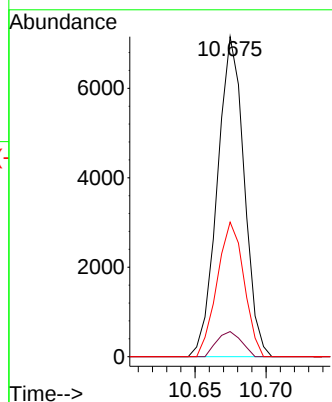
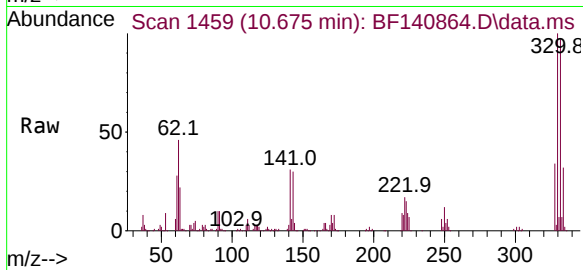




#66
n-Nitrosodiphenylamine
Concen: 0.892 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.129 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

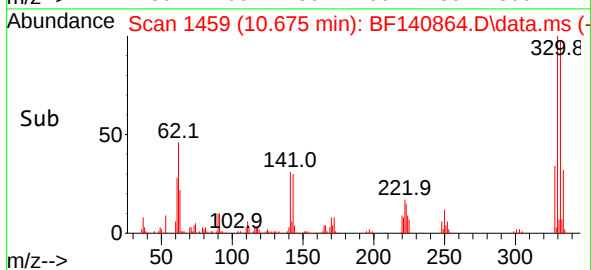
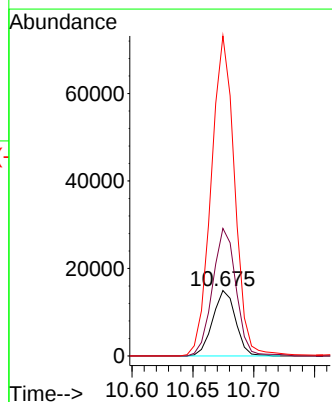
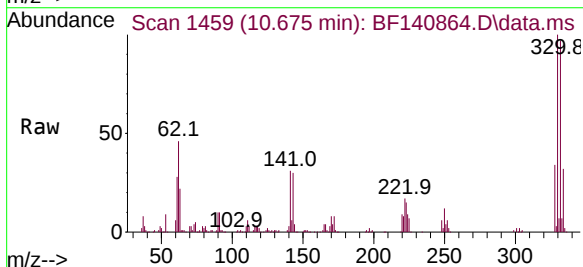
Instrument :
BNA_F
ClientSampleId :
PB165543BL

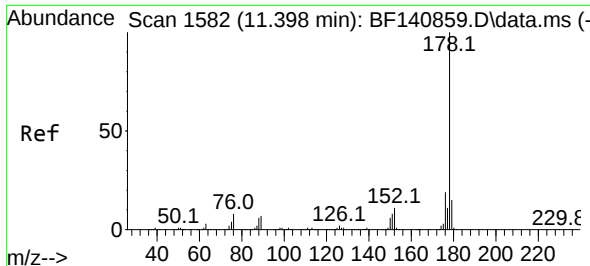
Tgt Ion:169 Resp: 9379
Ion Ratio Lower Upper
169 100
168 7.8 53.4 80.0#
167 42.1 28.3 42.5



#67
4-Bromophenyl-phenylether
Concen: 5.123 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.235 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion:248 Resp: 19598
Ion Ratio Lower Upper
248 100
250 194.8 77.4 116.2#
141 488.5 62.9 94.3#

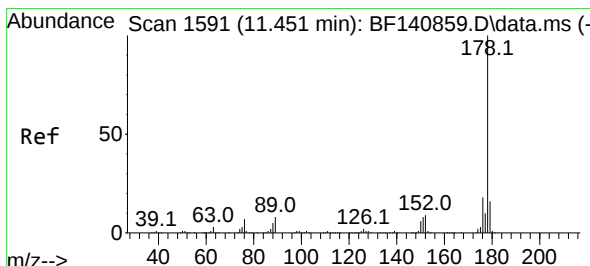
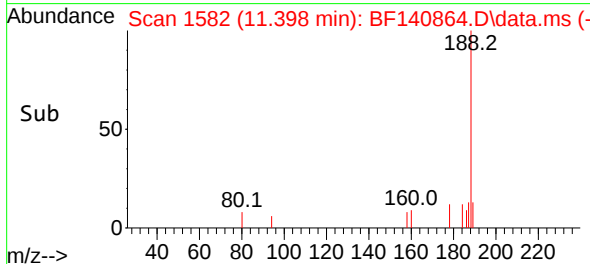
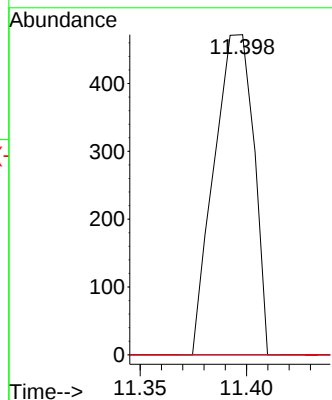
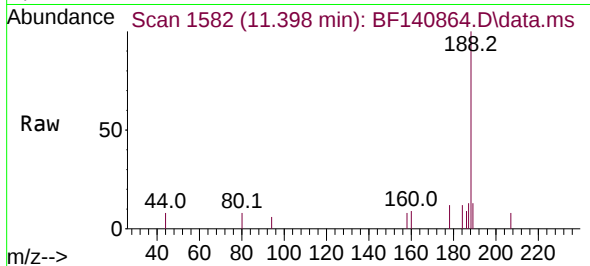




#71
Phenanthrene
Concen: 0.035 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

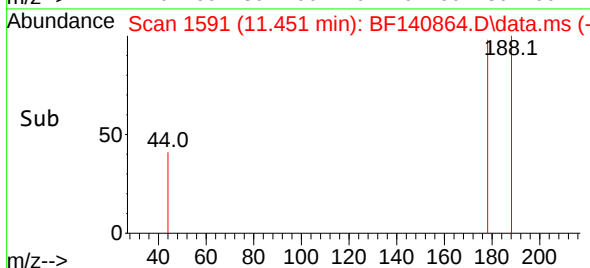
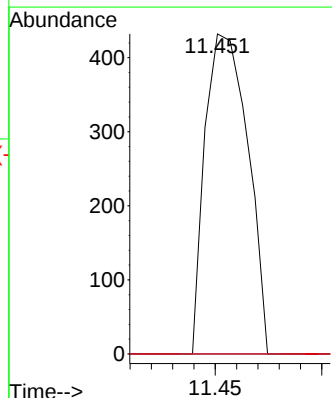
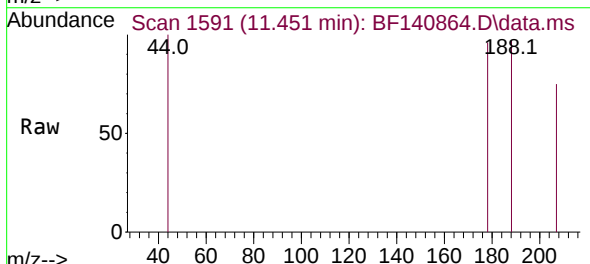
Instrument :
BNA_F
ClientSampleId :
PB165543BL

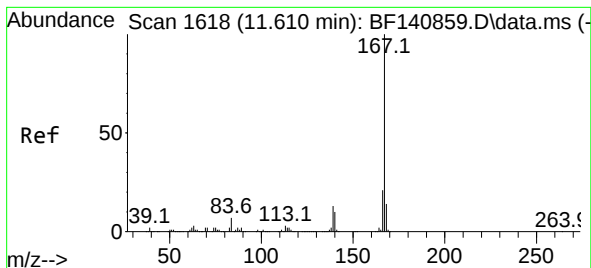
Tgt Ion:178 Resp: 614
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.2#
179 0.0 12.1 18.1#



#72
Anthracene
Concen: 0.035 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion:178 Resp: 603
Ion Ratio Lower Upper
178 100
176 0.0 14.6 22.0#
179 0.0 12.6 18.8#





#73

Carbazole

Concen: 0.016 ng

RT: 11.628 min Scan# 1621

Delta R.T. 0.018 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

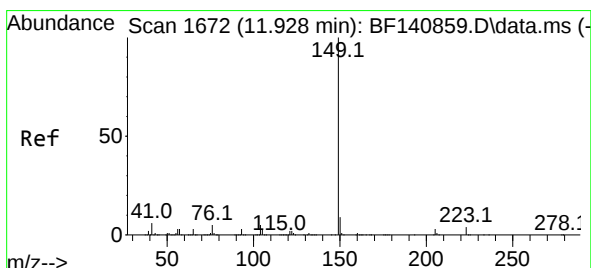
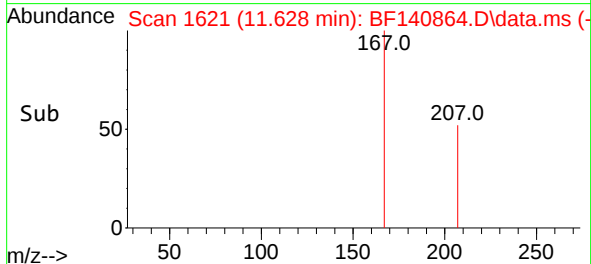
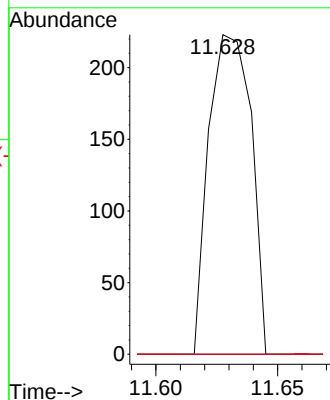
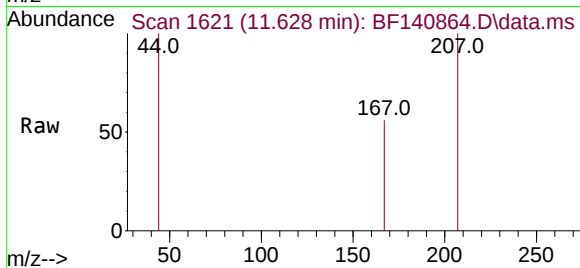
Tgt Ion:167 Resp: 271

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: 0.010 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

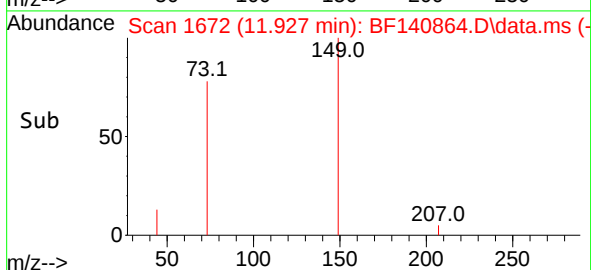
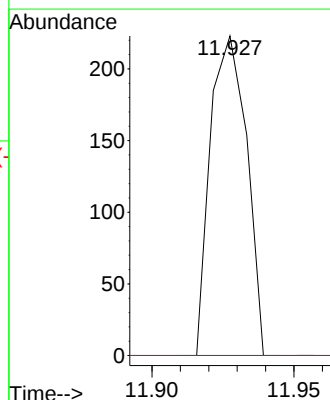
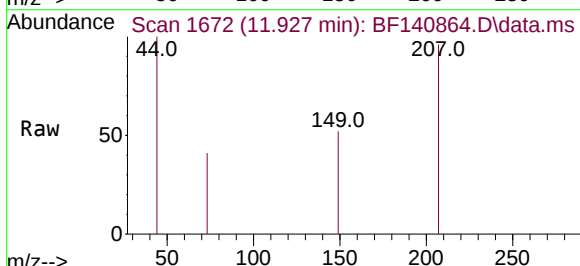
Tgt Ion:149 Resp: 198

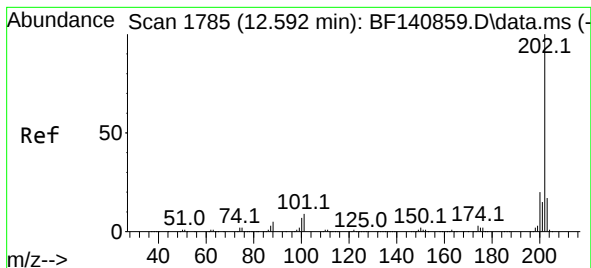
Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 3.8 5.8#





#75

Fluoranthene

Concen: 0.013 ng

RT: 12.598 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140864.D

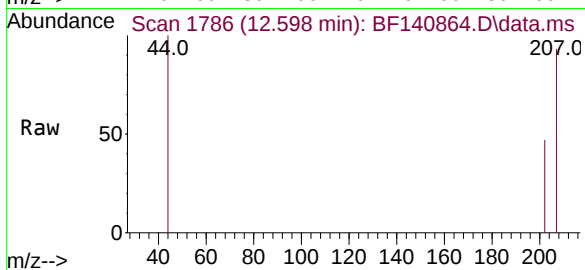
Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL



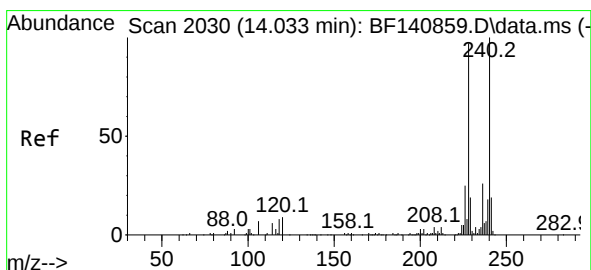
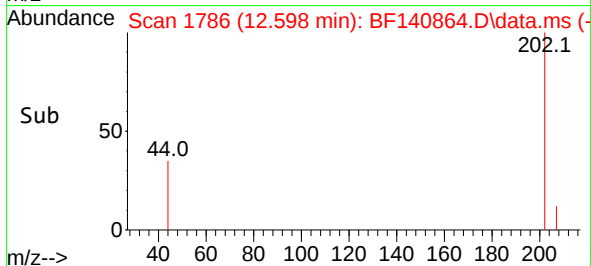
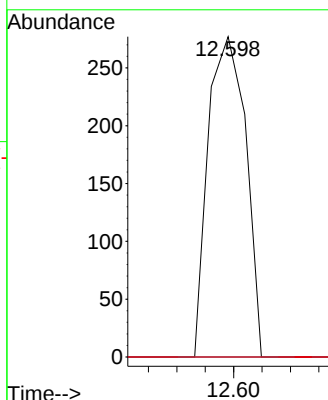
Tgt Ion:202 Resp: 255

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: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

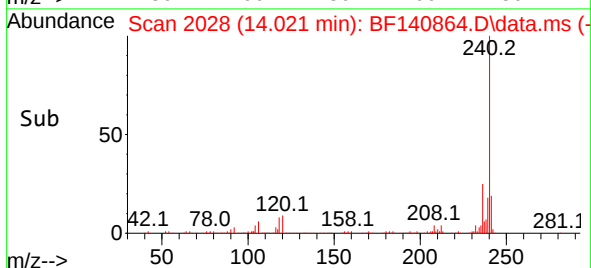
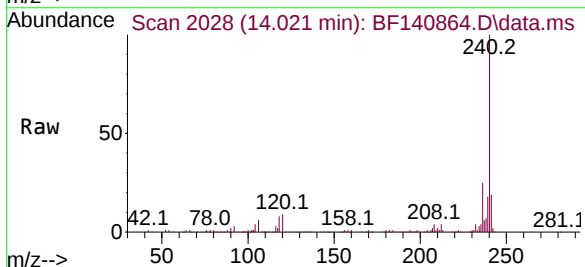
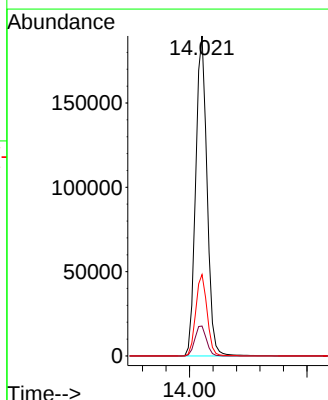
Tgt Ion:240 Resp: 254022

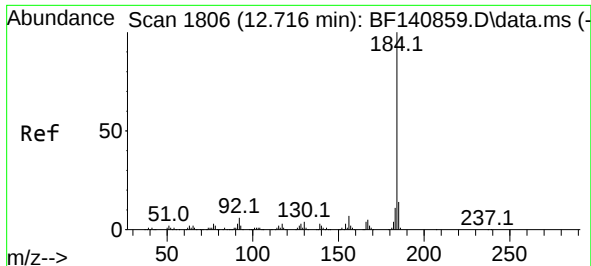
Ion Ratio Lower Upper

240 100

120 9.4 7.6 11.4

236 25.4 20.5 30.7

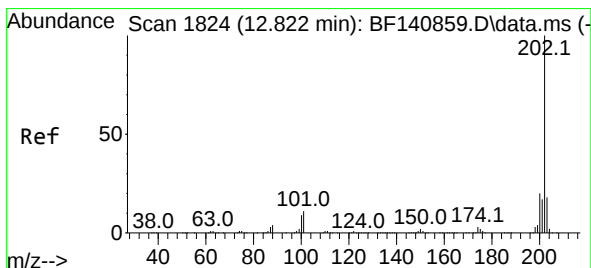
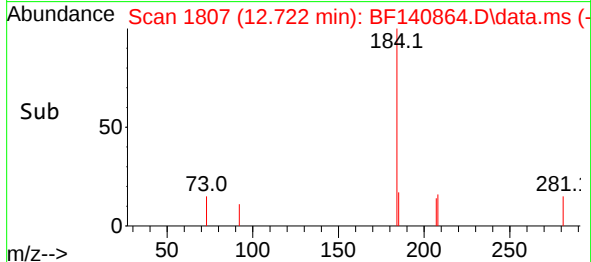
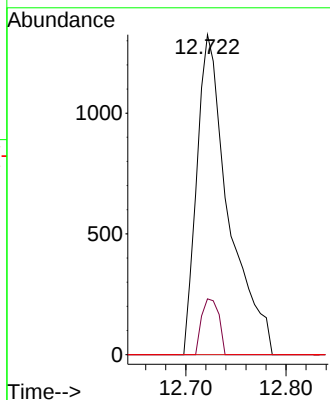
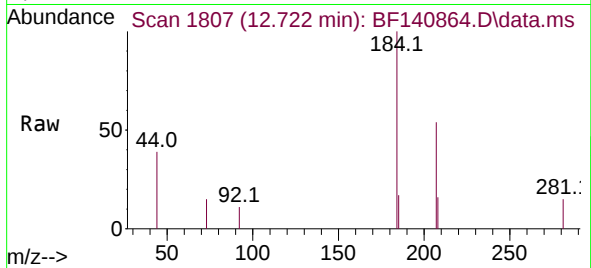




#77
Benzidine
Concen: 0.562 ng
RT: 12.722 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

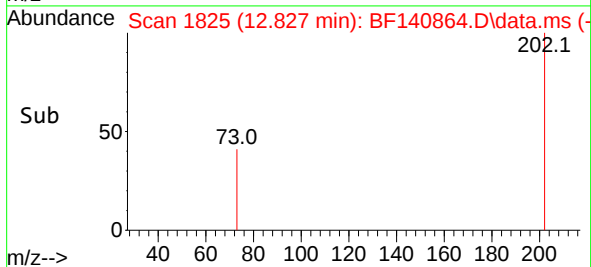
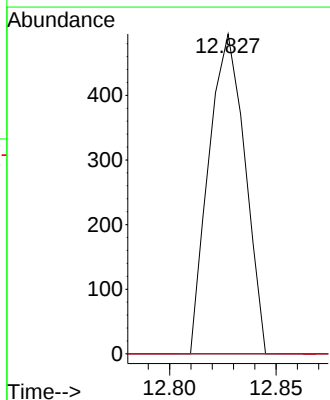
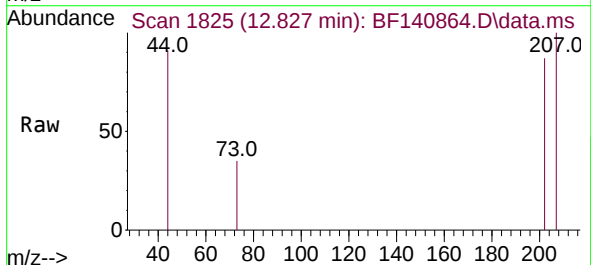
Instrument :
BNA_F
ClientSampleId :
PB165543BL

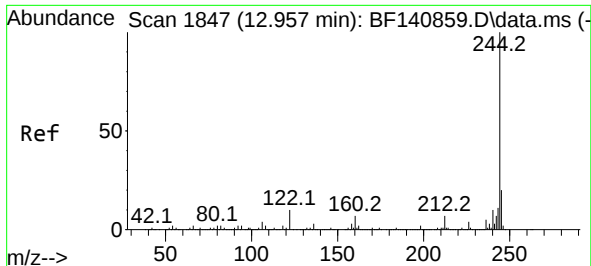
Tgt Ion:184 Resp: 2916
Ion Ratio Lower Upper
184 100
185 17.4 11.1 16.7#
183 0.0 9.0 13.4#



#78
Pyrene
Concen: 0.026 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion:202 Resp: 584
Ion Ratio Lower Upper
202 100
200 0.0 16.1 24.1#
203 0.0 14.2 21.4#



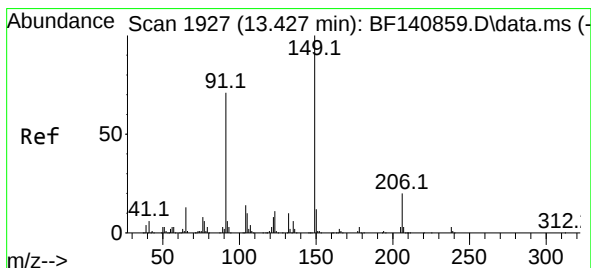
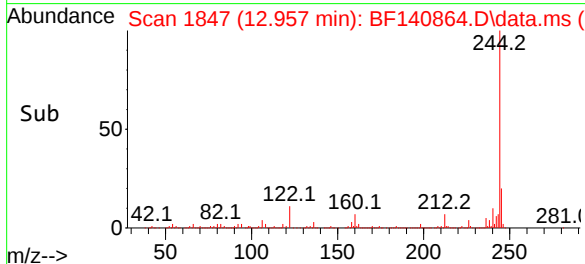
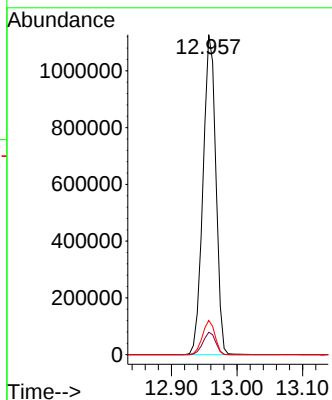
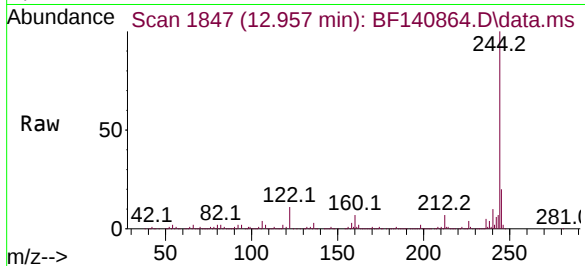


#79
 Terphenyl-d14
 Concen: 95.472 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140864.D
 Acq: 16 Dec 2024 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB165543BL

Tgt Ion:244 Resp: 1537987

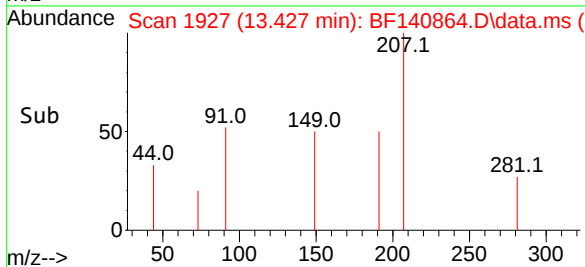
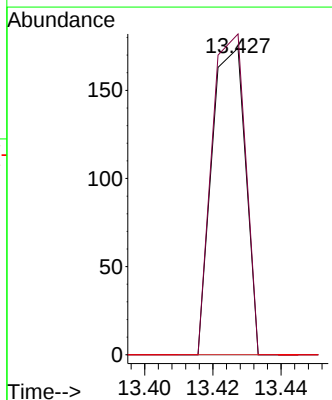
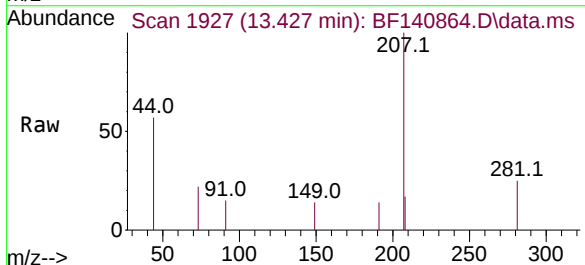
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.7	8.2	12.2

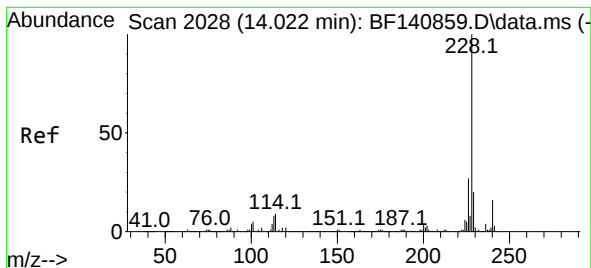


#80
 Butylbenzylphthalate
 Concen: 0.014 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: BF140864.D
 Acq: 16 Dec 2024 17:08

Tgt Ion:149 Resp: 119

Ion	Ratio	Lower	Upper
149	100		
91	104.6	56.7	85.1#
206	0.0	16.4	24.6#





#81

Benzo(a)anthracene

Concen: 0.077 ng

RT: 14.016 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

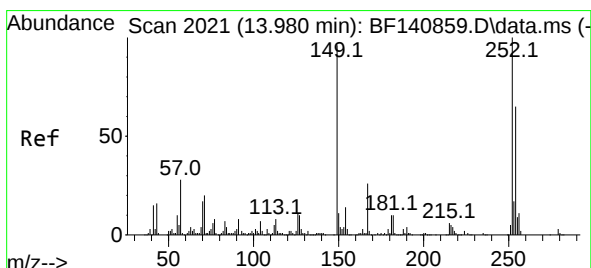
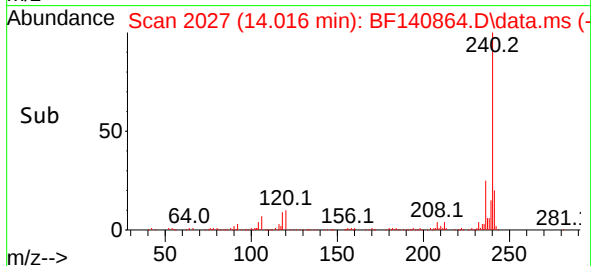
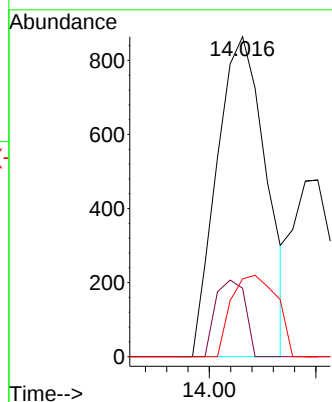
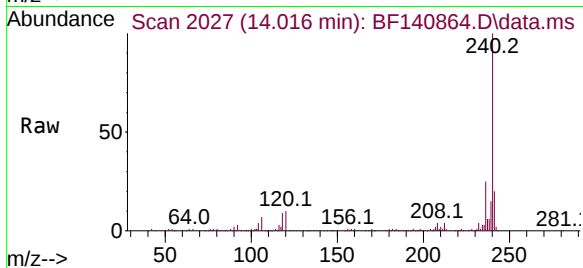
Tgt Ion:228 Resp: 1389

Ion Ratio Lower Upper

228 100

226 21.4 21.8 32.8#

229 24.3 15.8 23.8#



#82

3,3'-Dichlorobenzidine

Concen: 0.097 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

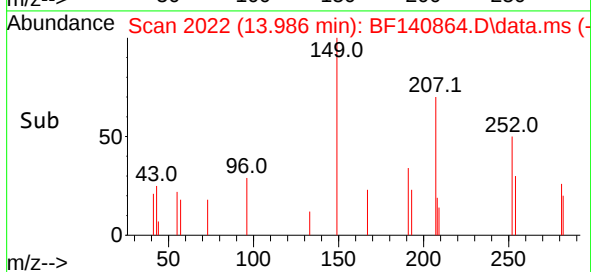
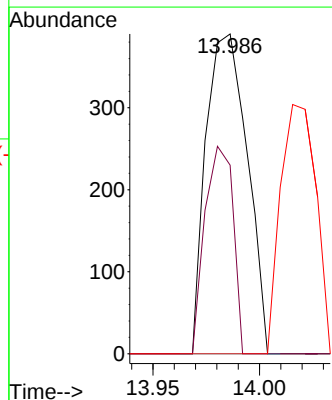
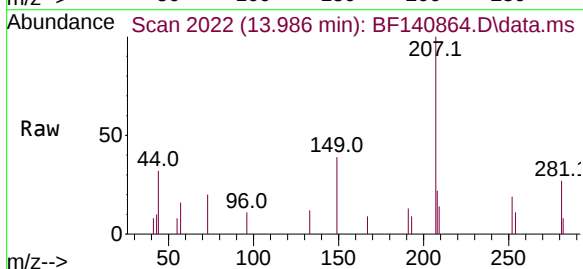
Tgt Ion:252 Resp: 525

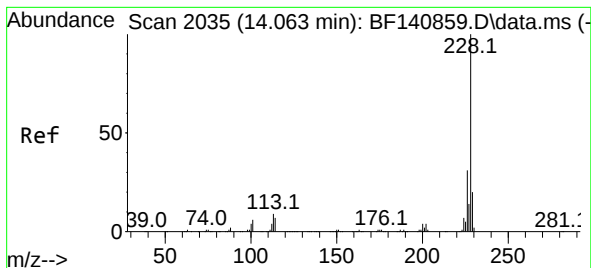
Ion Ratio Lower Upper

252 100

254 59.0 52.3 78.5

126 0.0 8.4 12.6#





#83

Chrysene

Concen: 0.027 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

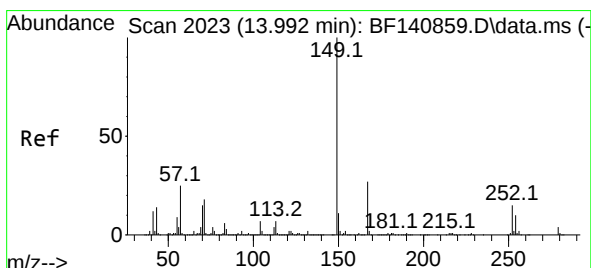
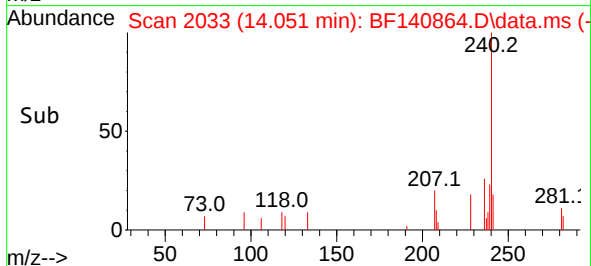
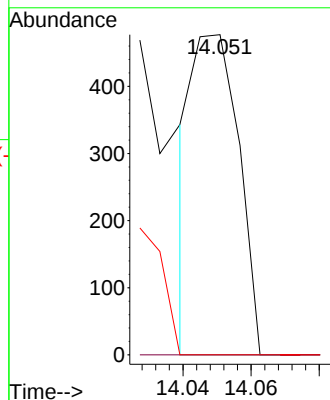
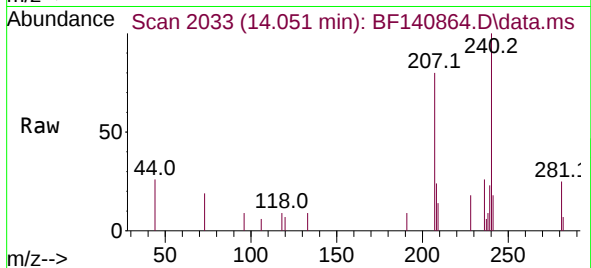
Tgt Ion:228 Resp: 446

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

229 0.0 16.0 24.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.120 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

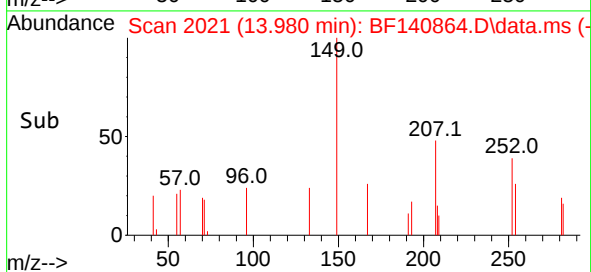
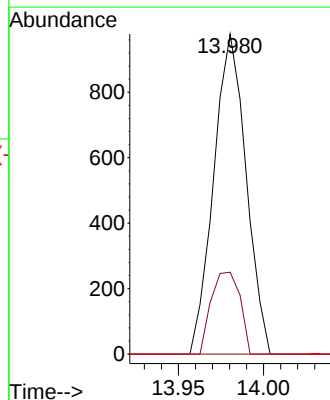
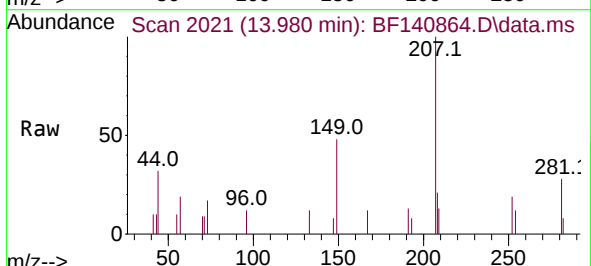
Tgt Ion:149 Resp: 1291

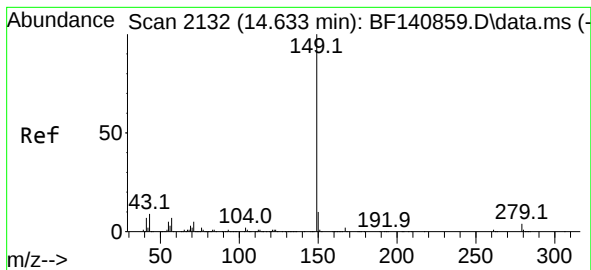
Ion Ratio Lower Upper

149 100

167 25.6 21.8 32.8

279 0.0 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 0.198 ng

RT: 14.604 min Scan# 2132

Delta R.T. -0.029 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

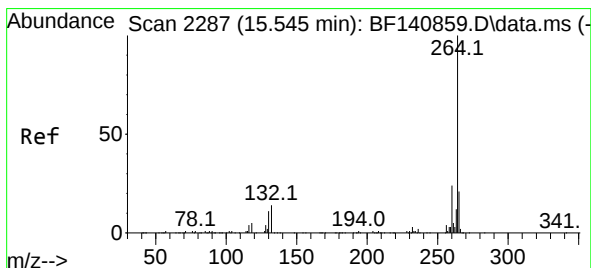
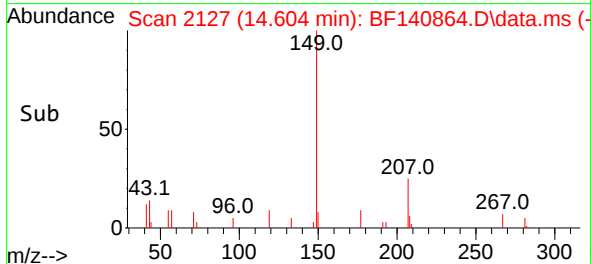
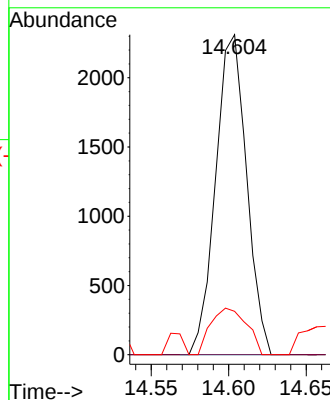
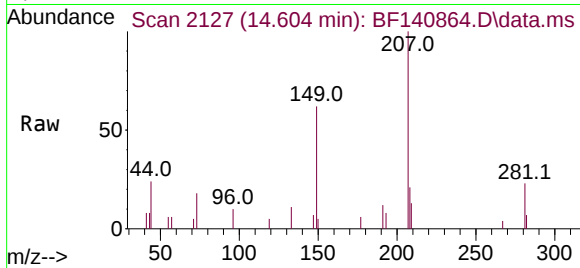
Tgt Ion:149 Resp: 3210

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 16.9 7.0 10.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.041 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

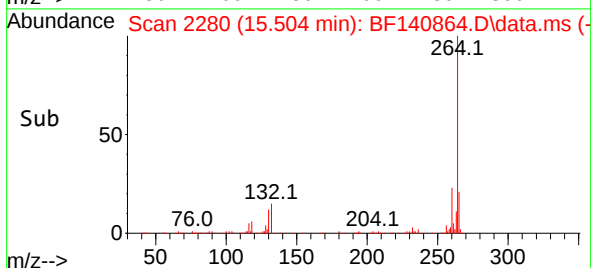
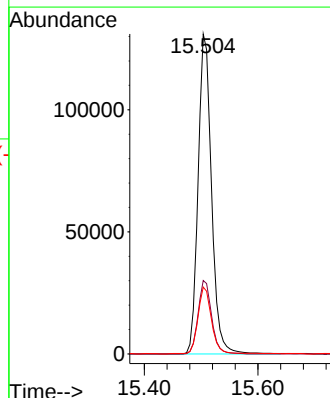
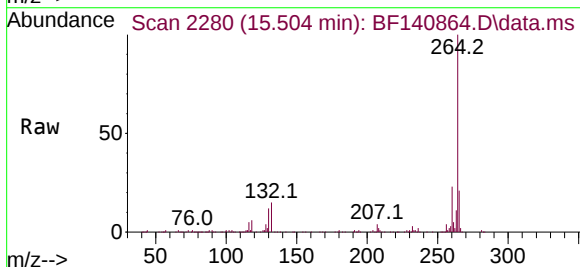
Tgt Ion:264 Resp: 215430

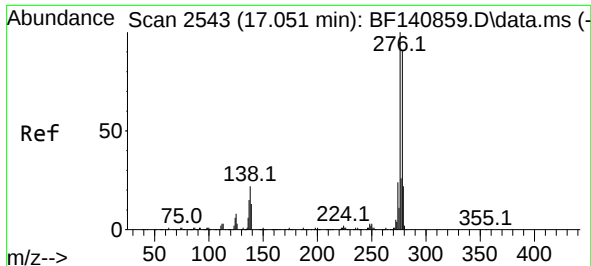
Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 20.9 17.0 25.4

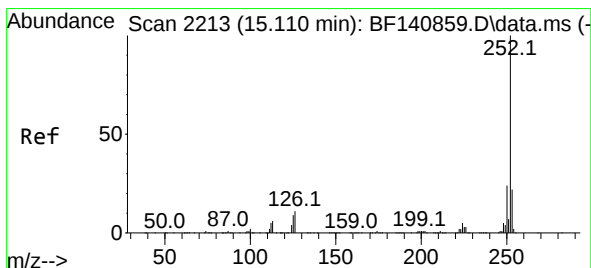
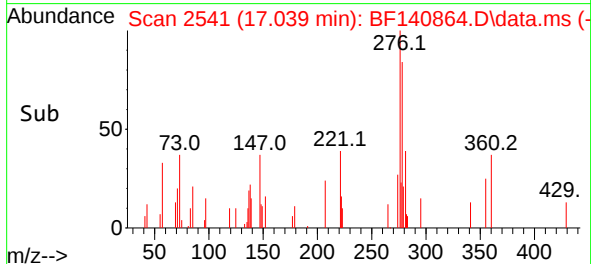
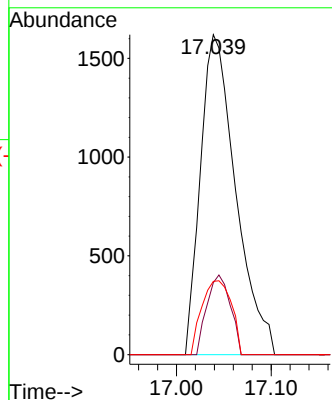
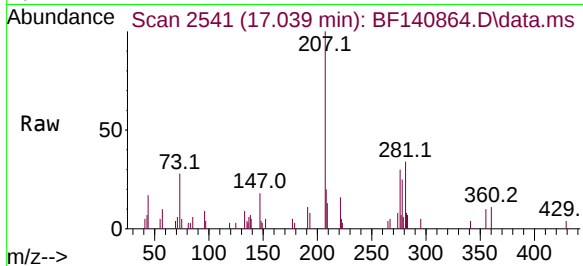




#87
Indeno(1,2,3-cd)pyrene
Concen: 0.312 ng
RT: 17.039 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

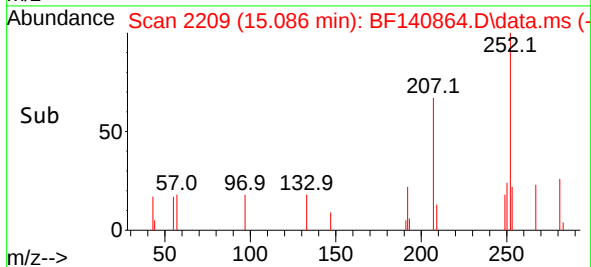
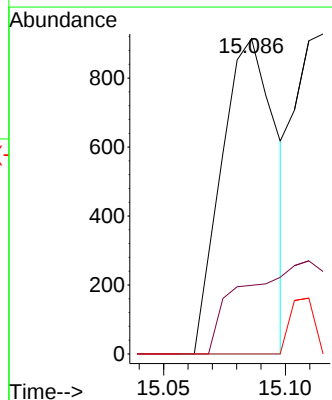
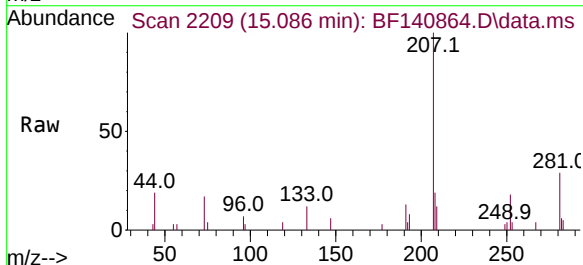
Instrument :
BNA_F
ClientSampleId :
PB165543BL

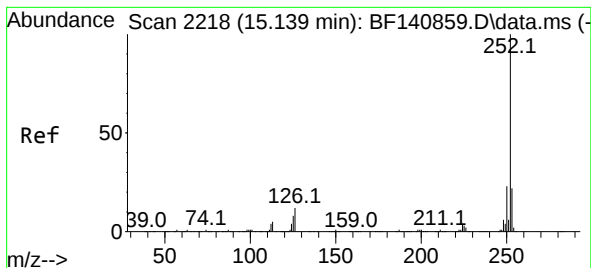
Tgt Ion:276 Resp: 4193
Ion Ratio Lower Upper
276 100
138 16.5 16.9 25.3#
277 19.3 20.2 30.4#



#88
Benzo(b)fluoranthene
Concen: 0.094 ng
RT: 15.086 min Scan# 2209
Delta R.T. -0.024 min
Lab File: BF140864.D
Acq: 16 Dec 2024 17:08

Tgt Ion:252 Resp: 1412
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 0.0 7.0 10.4#





#89

Benzo(k)fluoranthene

Concen: 0.110 ng

RT: 15.086 min Scan# 21

Delta R.T. -0.053 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

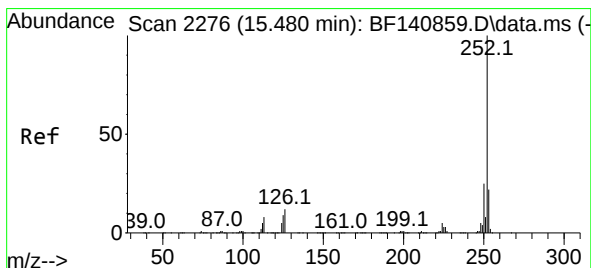
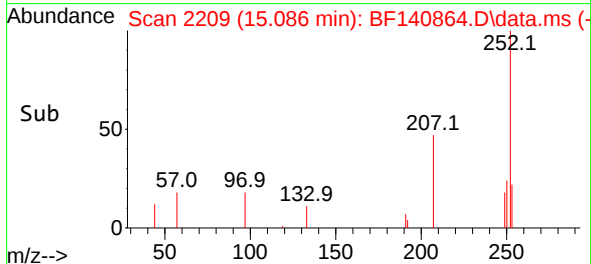
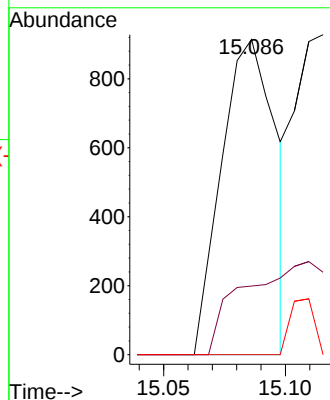
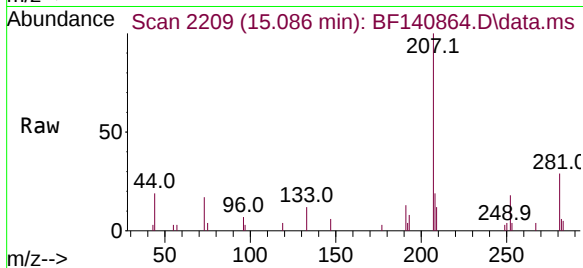
Tgt Ion:252 Resp: 1412

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 0.0 6.8 10.2#



#90

Benzo(a)pyrene

Concen: 0.137 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.029 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

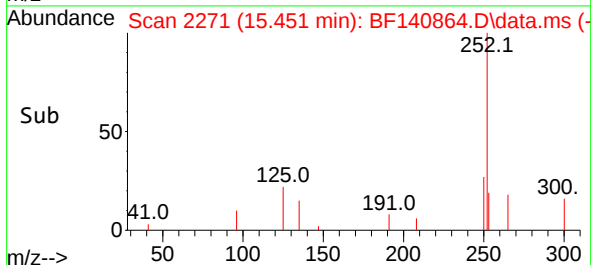
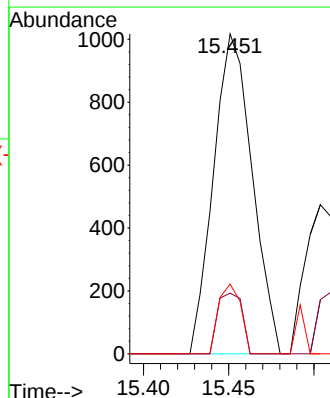
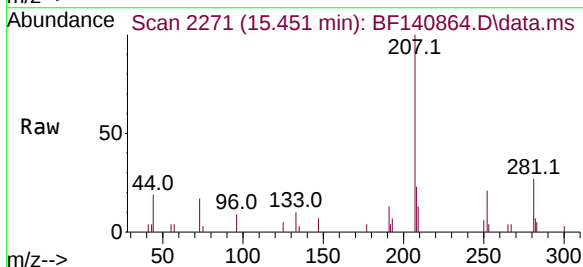
Tgt Ion:252 Resp: 1605

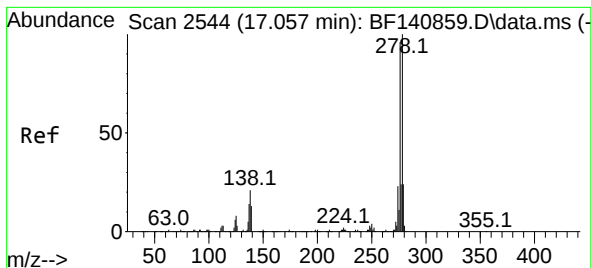
Ion Ratio Lower Upper

252 100

253 19.0 17.5 26.3

125 21.8 7.5 11.3#





#91

Dibenzo(a,h)anthracene

Concen: 0.326 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Instrument :

BNA_F

ClientSampleId :

PB165543BL

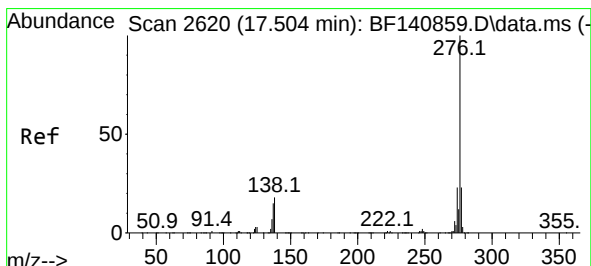
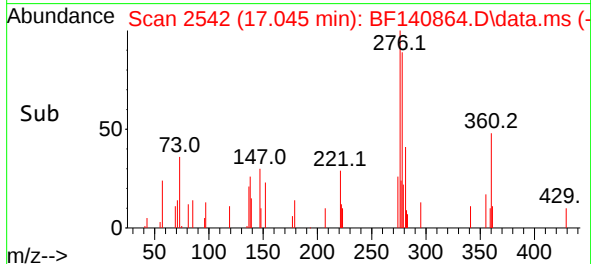
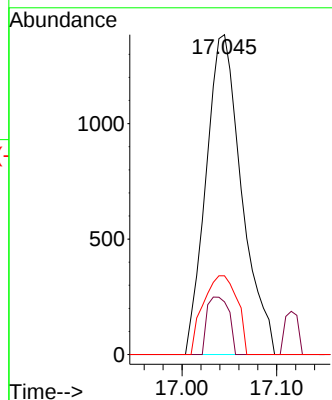
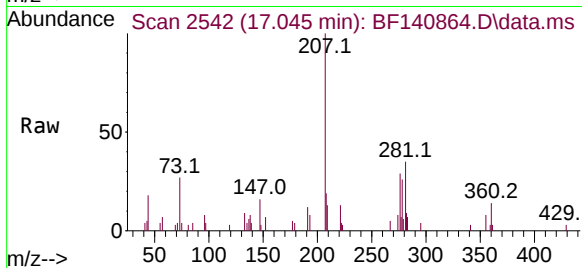
Tgt Ion:278 Resp: 3630

Ion Ratio Lower Upper

278 100

139 16.5 10.6 16.0#

279 24.6 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 0.343 ng

RT: 17.498 min Scan# 2619

Delta R.T. -0.006 min

Lab File: BF140864.D

Acq: 16 Dec 2024 17:08

Tgt Ion:276 Resp: 3887

Ion Ratio Lower Upper

276 100

277 28.7 18.7 28.1#

138 18.5 14.2 21.2

