

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109653.D
 Acq On : 8 Oct 2018 17:45
 Operator : JU/SJ
 Sample : PB113362BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BL

Quant Time: Oct 09 04:01:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105520	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	431005	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	208886	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	423274	20.00	ng	0.00
75) Chrysene-d12	13.83	240	324045	20.00	ng	0.00
86) Perylene-d12	15.22	264	233160	20.00	ng	0.00

System Monitoring Compounds

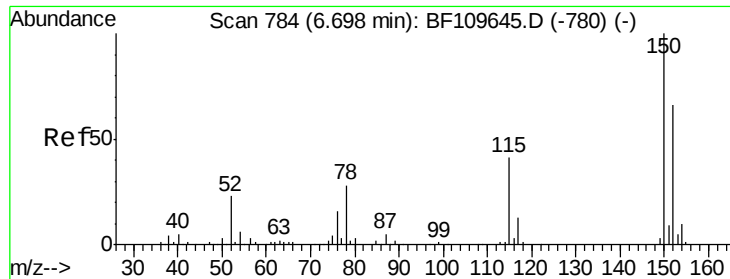
5) 2-Fluorophenol	5.33	112	706200	118.80	ng	0.01
7) Phenol-d6	6.35	99	935591	117.81	ng	0.00
23) Nitrobenzene-d5	7.26	82	603681	77.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	226641	99.58	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1151116	75.90	ng	0.00
78) Terphenyl-d14	12.79	244	1143098	68.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	220	0.071	ng	# 23
6) Aniline	6.47	93	896	0.097	ng	# 1
9) Benzaldehyde	6.35	77	1154	0.226	ng	# 1
10) Phenol	6.47	94	1156	0.127	ng	# 1
11) bis(2-Chloroethyl)ether	6.47	93	896	0.119	ng	# 1
15) Benzyl Alcohol	6.85	79	9504	1.614	ng	# 48
18) Hexachloroethane	7.02	117	490	0.152	ng	# 2
19) n-Nitroso-di-n-propylamine	7.26	70	80067	14.377	ng	# 78
24) Nitrobenzene	7.26	77	1502	0.185	ng	# 39
25) Isophorone	7.26	82	603678	46.495	ng	# 67
45) 1,1'-Biphenyl	9.15	154	1330	0.071	ng	# 91
47) 2-Nitroaniline	9.05	65	1438	0.340	ng	# 1
49) Dimethylphthalate	9.72	163	53980	3.524	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	26486	7.976	ng	# 22
51) Acenaphthene	9.72	154	505	0.042	ng	# 4
56) 2,4-Dinitrotoluene	9.72	165	26486	6.391	ng	# 18
57) Fluorene	10.51	166	8828	0.653	ng	# 91
62) Azobenzene	10.51	77	829	0.054	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	320	0.155	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	6637	0.463	ng	# 42
66) 4-Bromophenyl-phenylether	10.51	248	13630	2.803	ng	# 1
73) Di-n-butylphthalate	11.77	149	957	0.039	ng	# 77
76) Benzidine	12.78	184	15327	1.273	ng	# 95
77) Pyrene	12.78	202	3483	0.147	ng	# 67
80) Benzo(a)anthracene	13.83	228	793	0.044	ng	# 51
82) Chrysene	13.83	228	793	0.042	ng	# 49
83) Bis(2-ethylhexyl)phthalate	13.70	149	11342	0.903	ng	# 55
84) Di-n-octyl phthalate	14.66	149	124	0.006	ng	# 76
89) Benzo(a)pyrene	15.22	252	637	0.054	ng	# 18

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

```
Data Path : Z:\SV0ASRV\HPCHEM1\BNA_F\DATA\BF100818\  
Data File : BF109653.D  
Acq On    : 8 Oct 2018 17:45  
Operator  : JU/SJ  
Sample    : PB113362BL  
Misc      :  
ALS Vial  : 4 Sample Multiplier: 1
```

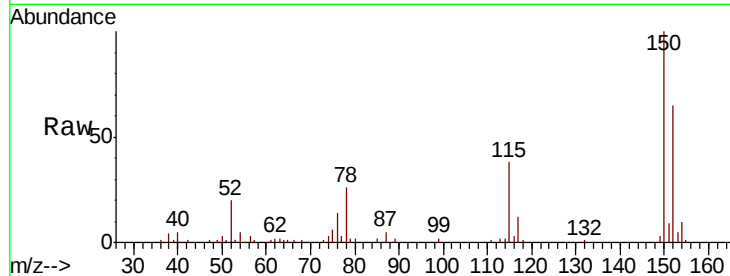


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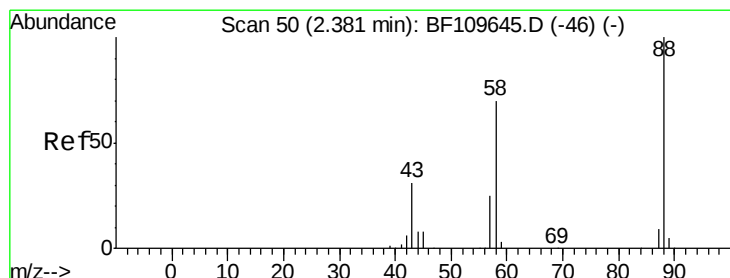
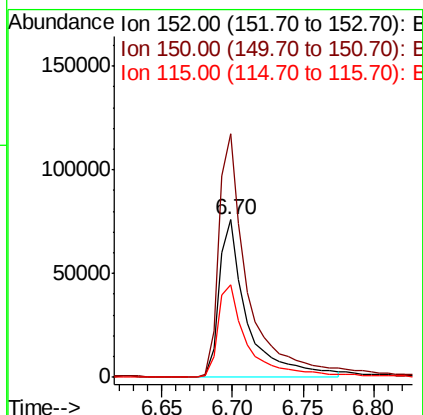
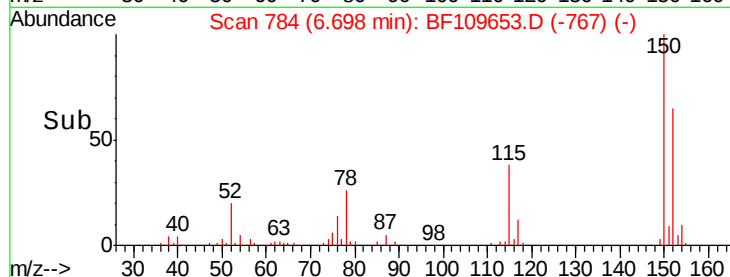
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

Instrument :
BNA_F
ClientSampleId :
PB113362BL

Tgt Ion:152 Resp: 105520
Ion Ratio Lower Upper
152 100
150 154.6 122.7 184.1
115 59.0 49.1 73.7



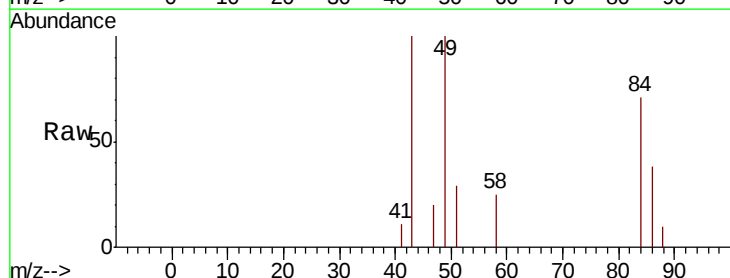
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



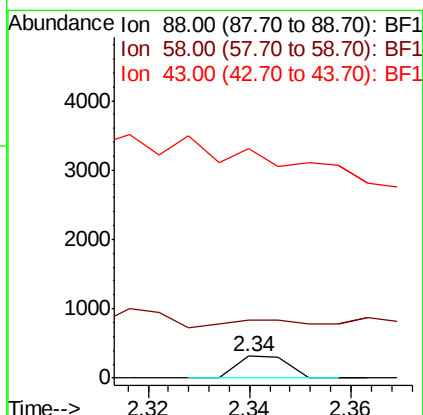
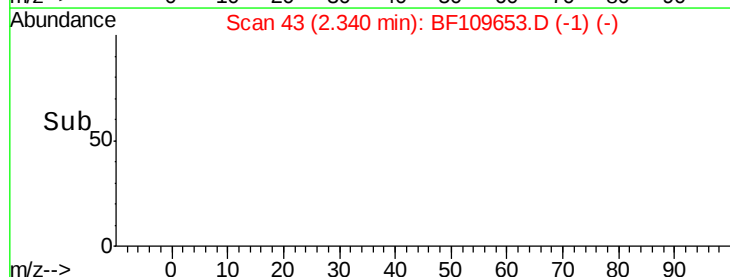
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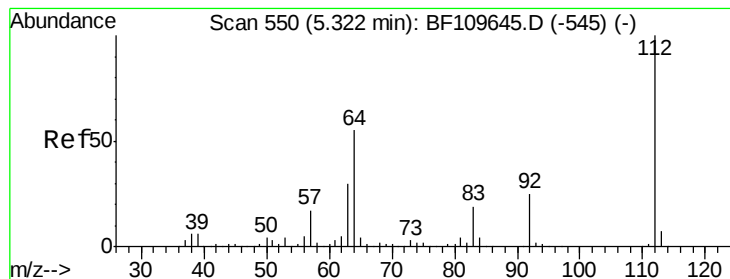
1,4-Dioxane
Concen: 0.071 ng
RT: 2.34 min Scan# 43
Delta R.T. -0.04 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

Tgt Ion: 88 Resp: 220
Ion Ratio Lower Upper
88 100
58 0.0 57.1 85.7#
43 0.0 24.1 36.1#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 118.795 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

PB113362BL

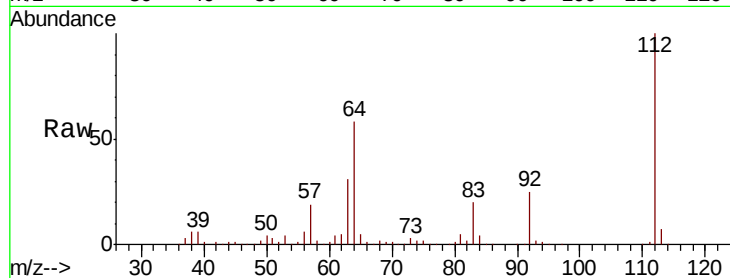
Tgt Ion: 112 Resp: 706200

Ion Ratio Lower Upper

112 100

64 57.9 44.1 66.1

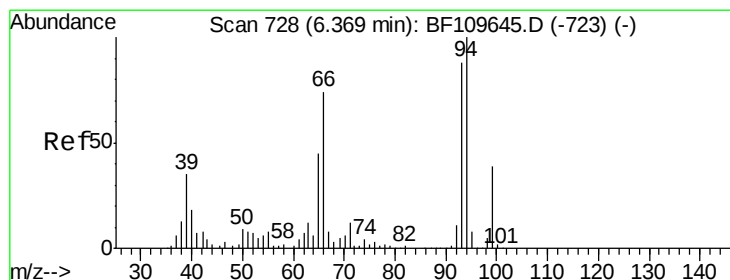
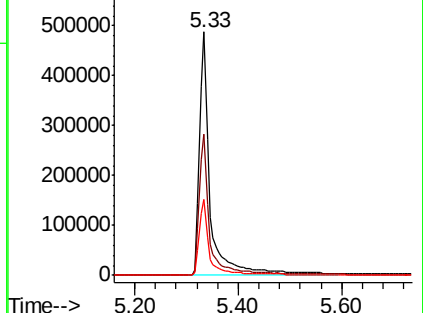
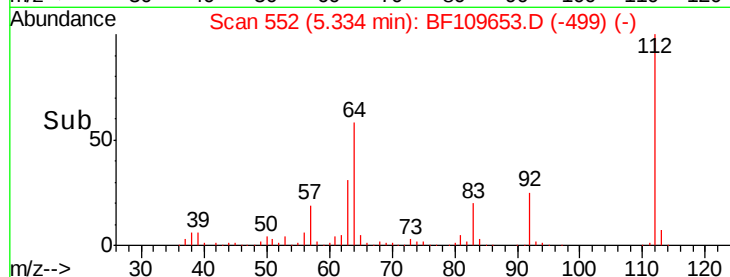
63 31.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.097 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.10 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

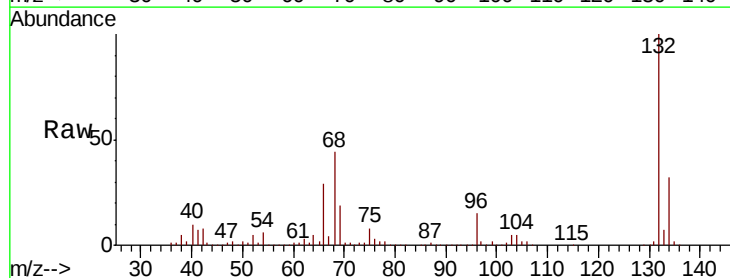
Tgt Ion: 93 Resp: 896

Ion Ratio Lower Upper

93 100

66 19193.0 67.4 101.0#

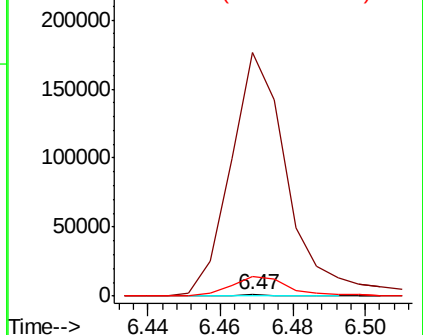
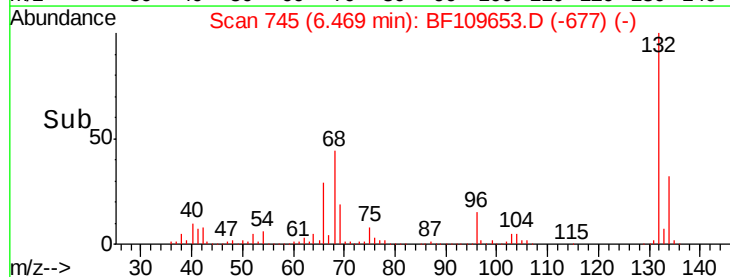
65 1526.7 41.0 61.4#

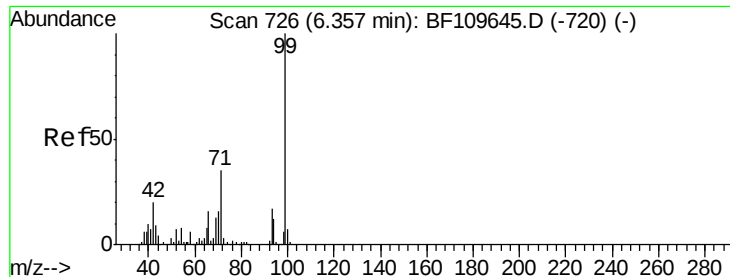


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.811 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

PB113362BL

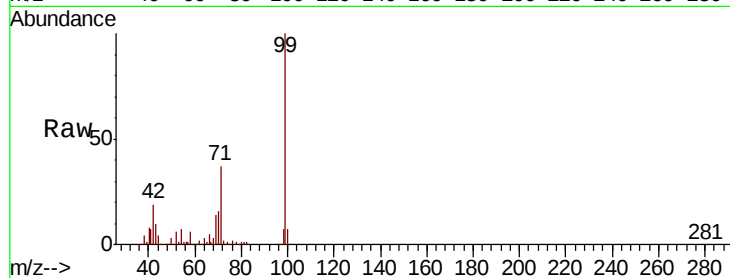
Tgt Ion: 99 Resp: 935591

Ion Ratio Lower Upper

99 100

42 19.4 15.8 23.6

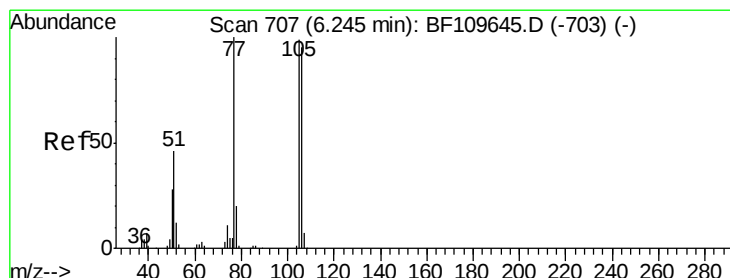
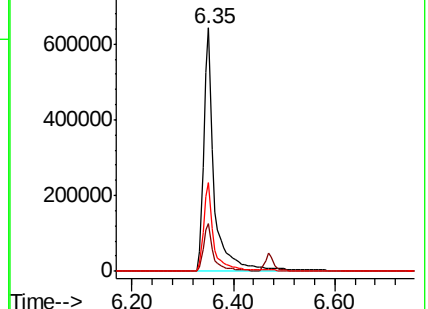
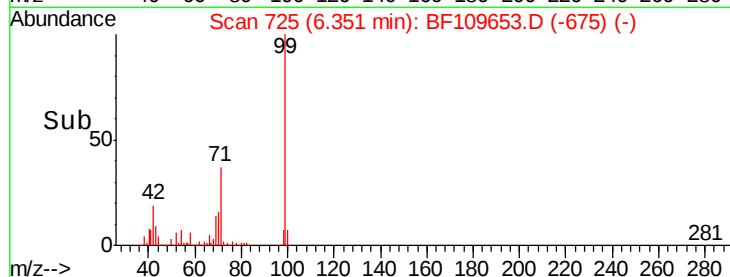
71 36.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.226 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.11 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

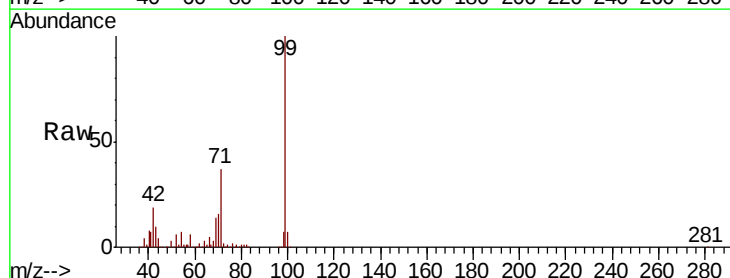
Tgt Ion: 77 Resp: 1154

Ion Ratio Lower Upper

77 100

105 0.0 78.6 118.6#

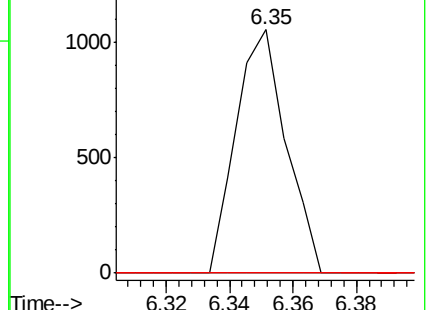
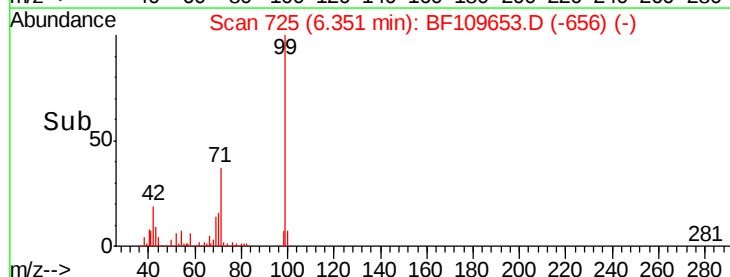
106 0.0 74.8 114.8#

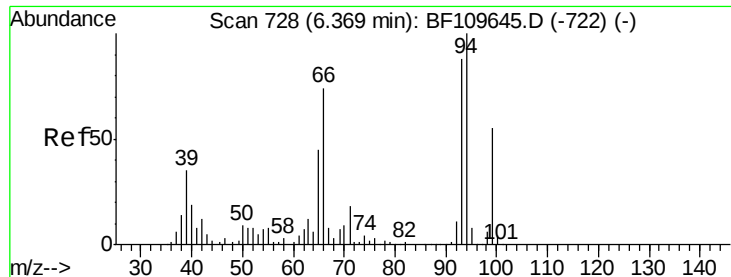


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.127 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.10 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

PB113362BL

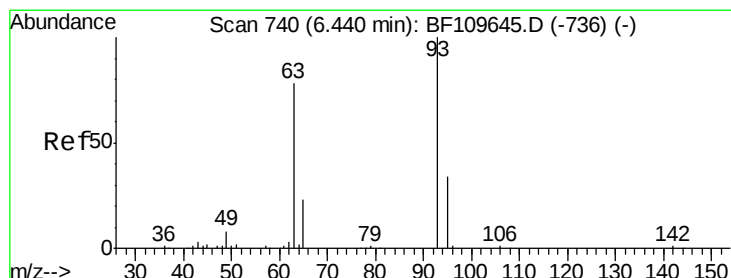
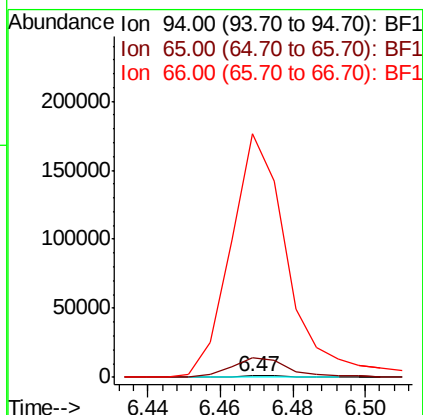
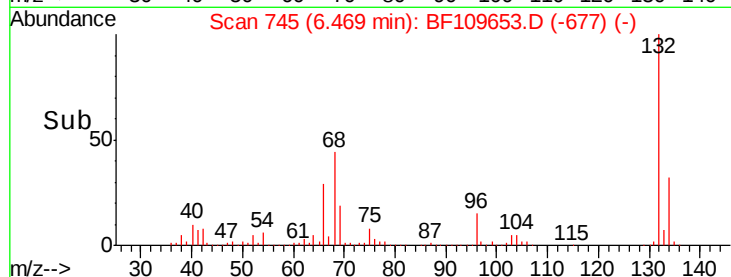
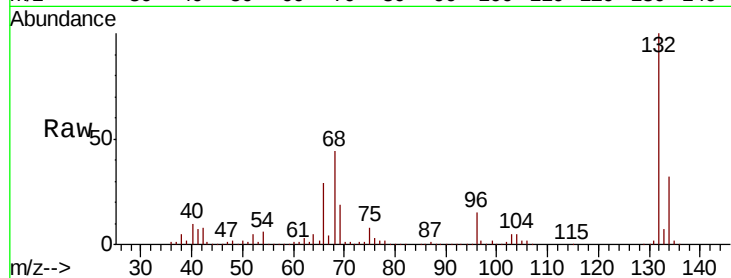
Tgt Ion: 94 Resp: 1156

Ion Ratio Lower Upper

94 100

65 1211.6 25.3 65.3#

66 15231.8 54.5 94.5#



#11

bis(2-Chloroethyl)ether

Concen: 0.119 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.03 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

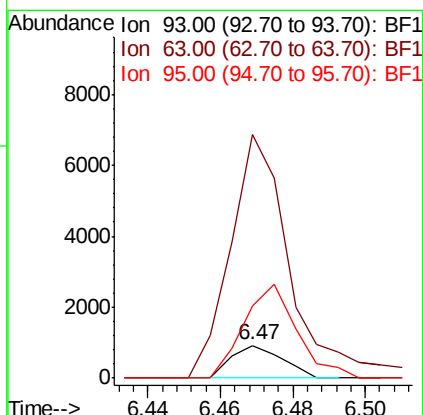
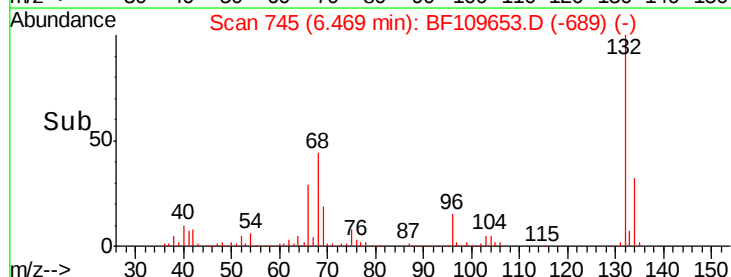
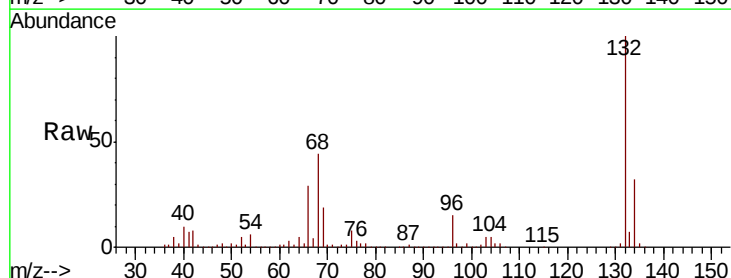
Tgt Ion: 93 Resp: 896

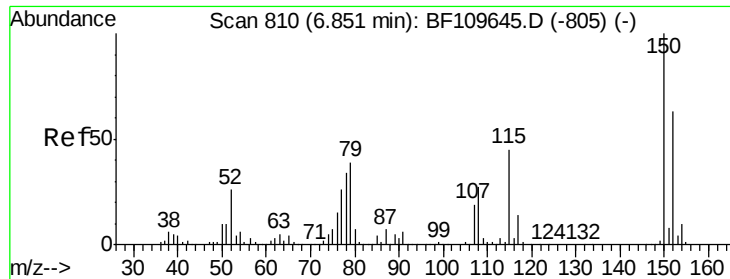
Ion Ratio Lower Upper

93 100

63 747.3 53.4 93.4#

95 222.1 12.1 52.1#

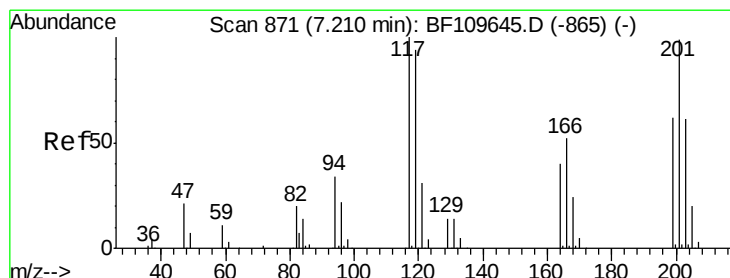
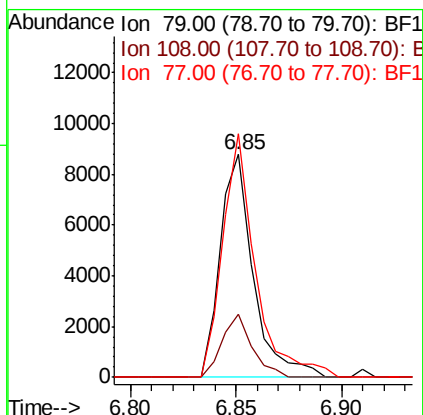
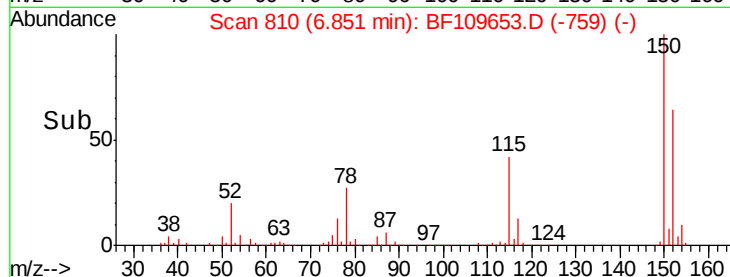
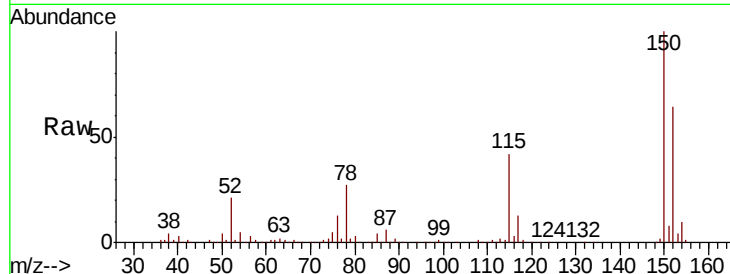




#15
Benzyl Alcohol
Concen: 1.614 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

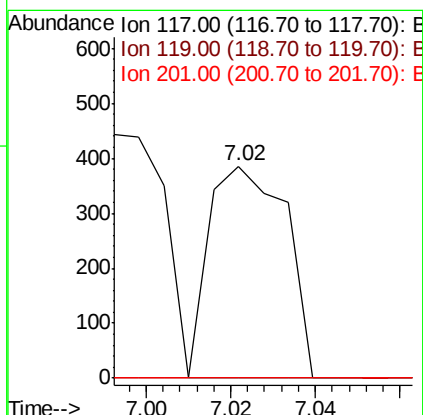
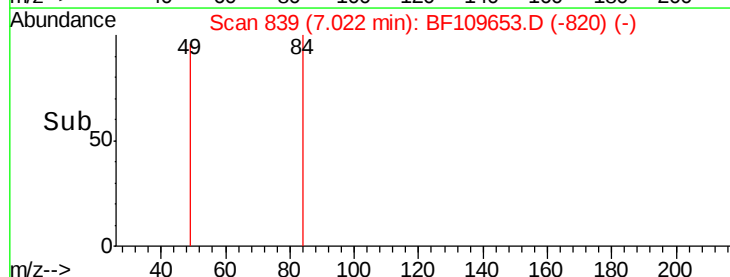
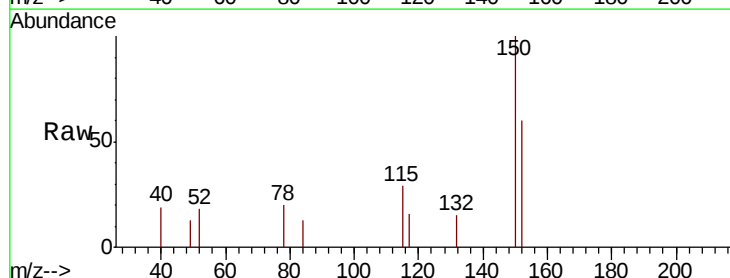
Instrument :
BNA_F
ClientSampleId :
PB113362BL

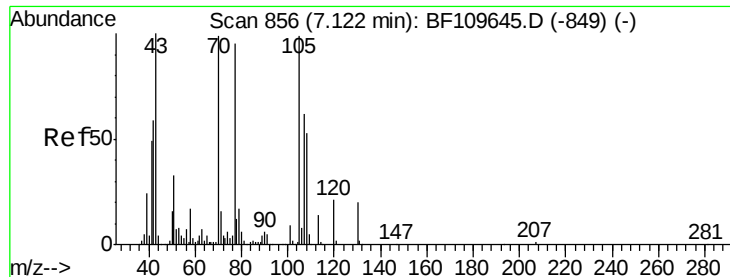
Tgt Ion: 79 Resp: 9504
Ion Ratio Lower Upper
79 100
108 28.5 56.3 84.5#
77 109.2 52.9 79.3#



#18
Hexachloroethane
Concen: 0.152 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.19 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

Tgt Ion: 117 Resp: 490
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.6#
201 0.0 79.2 118.8#

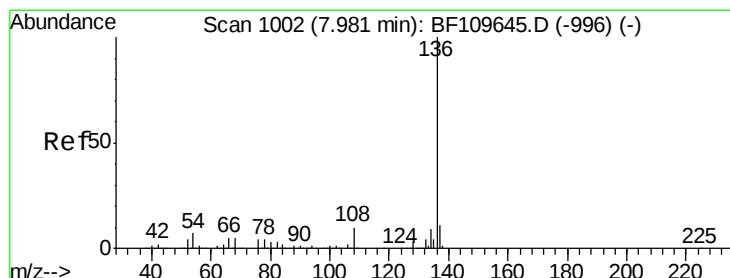
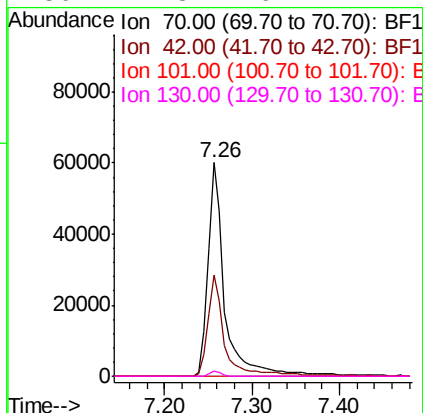
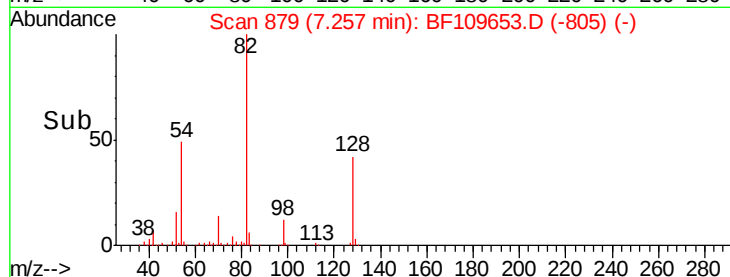
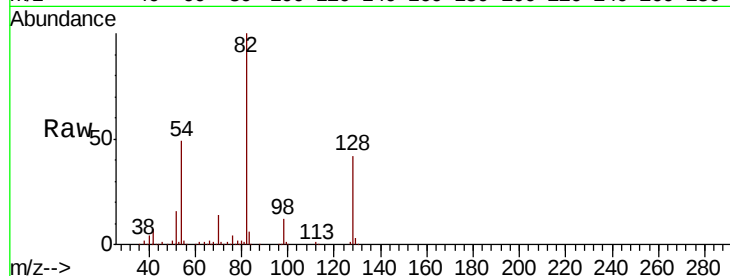




#19
n-Nitroso-di-n-propylamine
Concen: 14.377 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

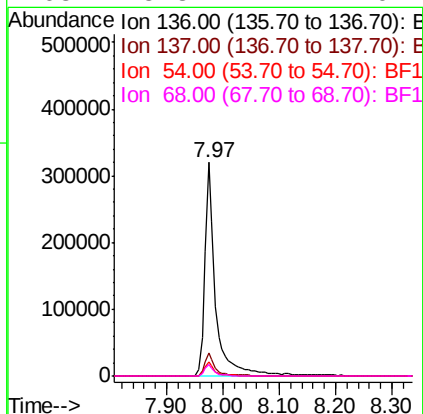
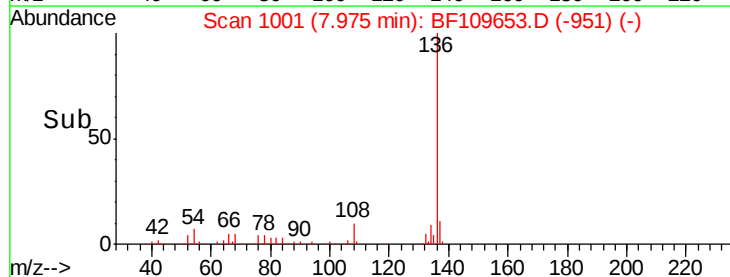
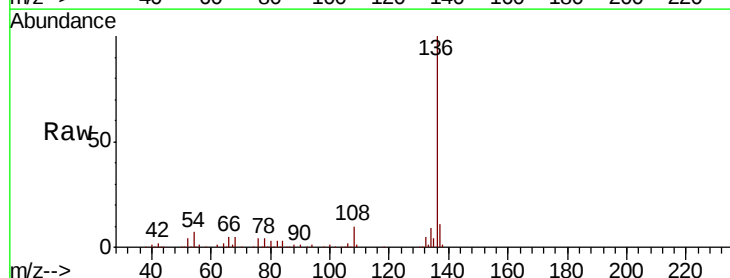
Instrument :
BNA_F
ClientSampleId :
PB113362BL

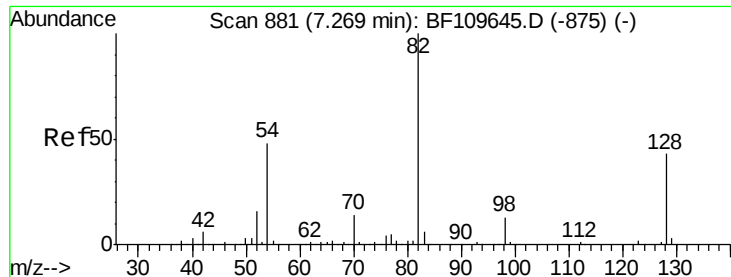
Tgt Ion: 70 Resp: 80067
Ion Ratio Lower Upper
70 100
42 47.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

Tgt Ion: 136 Resp: 431005
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.8 5.4 8.2
68 5.3 4.2 6.2

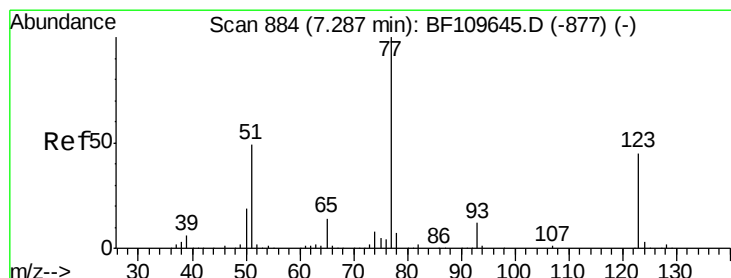
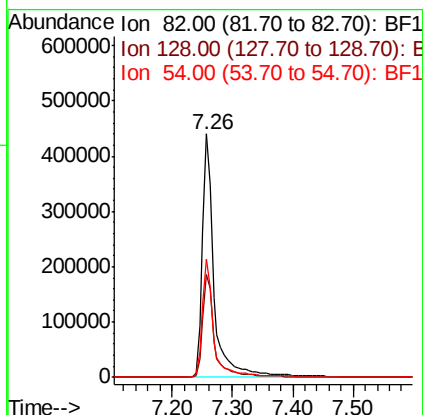
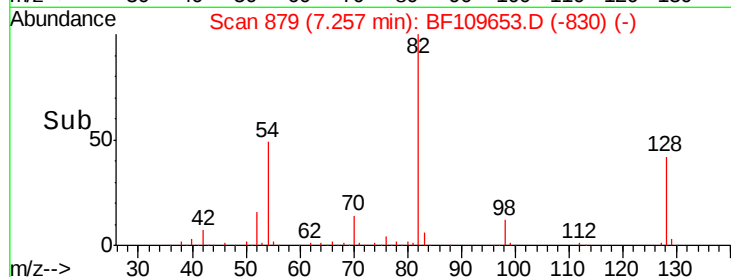
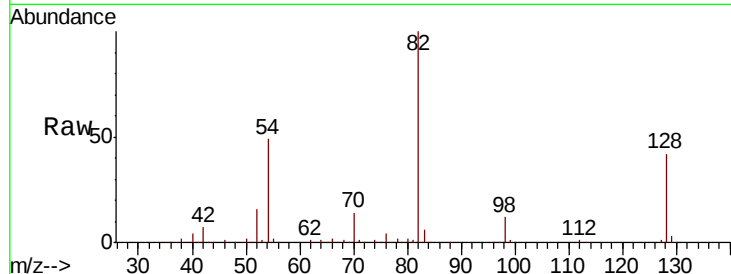




#23
 Nitrobenzene-d5
 Concen: 77.208 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

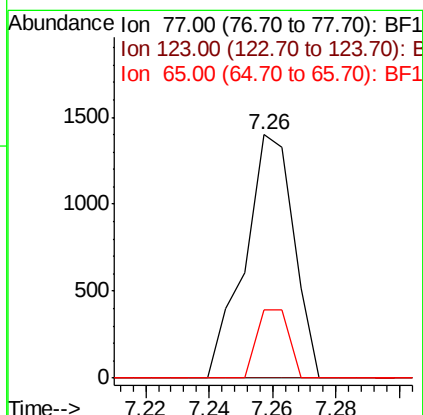
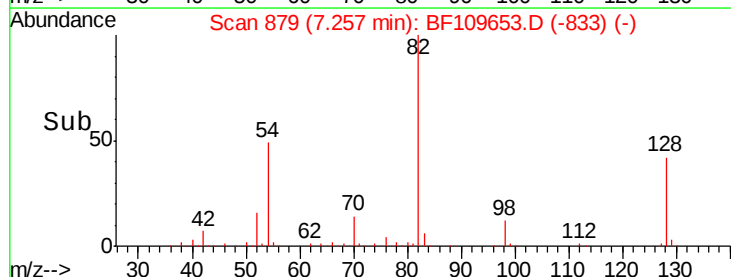
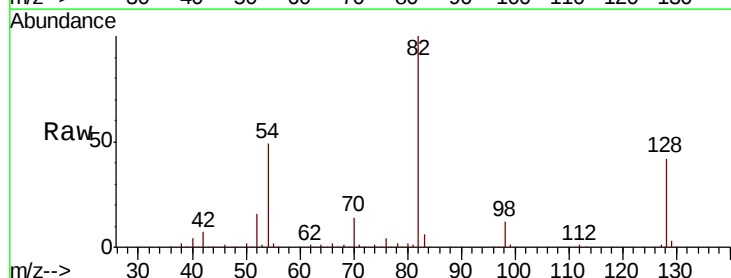
Instrument :
 BNA_F
 ClientSampleId :
 PB113362BL

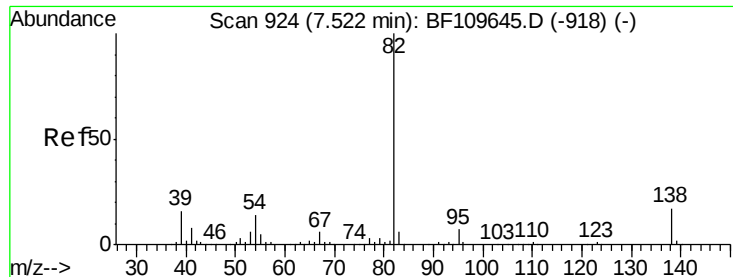
Tgt Ion: 82 Resp: 603681
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.2 51.2
 54 48.5 38.6 58.0



#24
 Nitrobenzene
 Concen: 0.185 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.03 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

Tgt Ion: 77 Resp: 1502
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.7 53.5#
 65 27.9 10.7 16.1#





#25

Isophorone

Concen: 46.495 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

PB113362BL

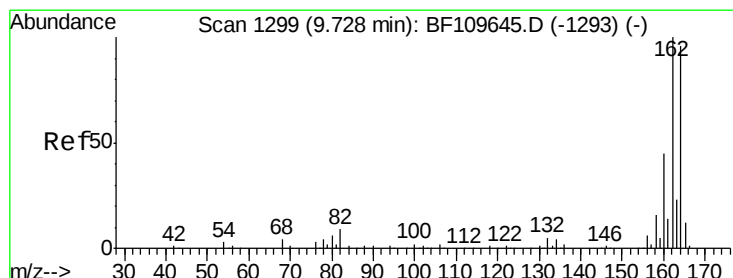
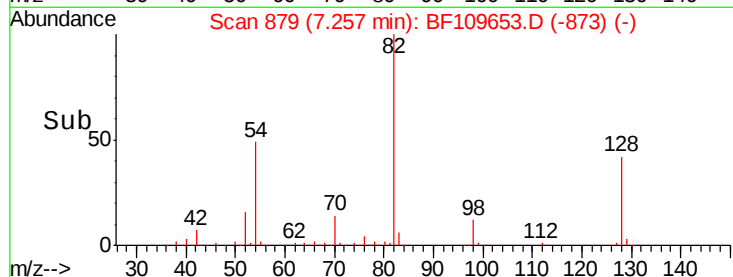
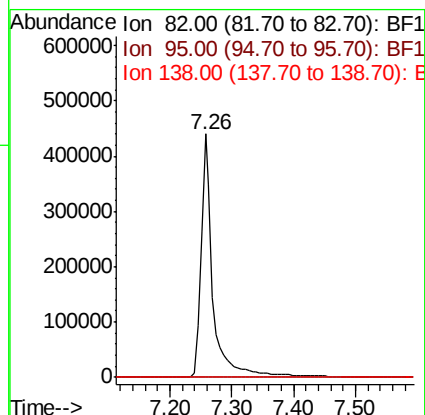
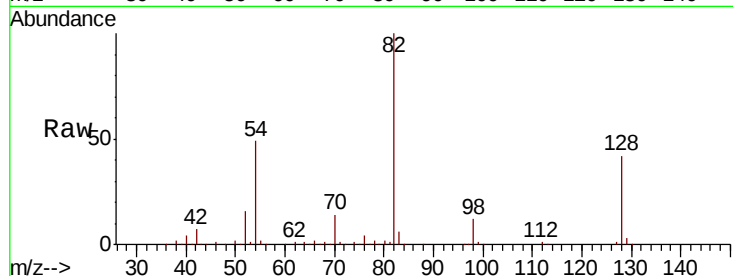
Tgt Ion: 82 Resp: 603678

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

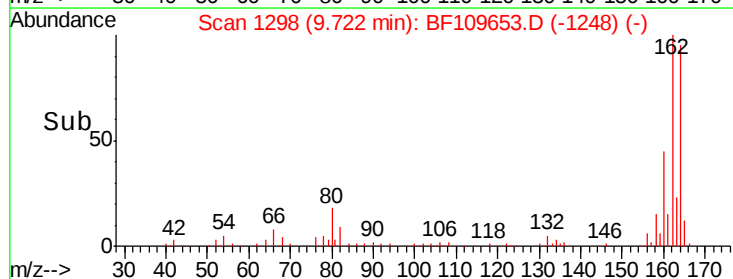
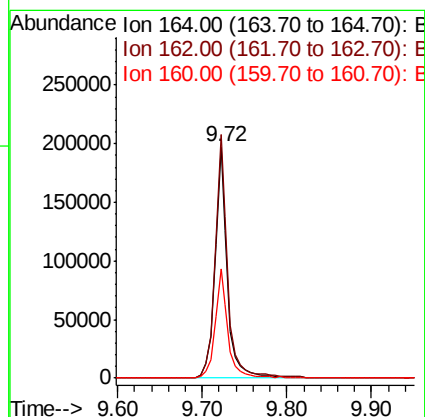
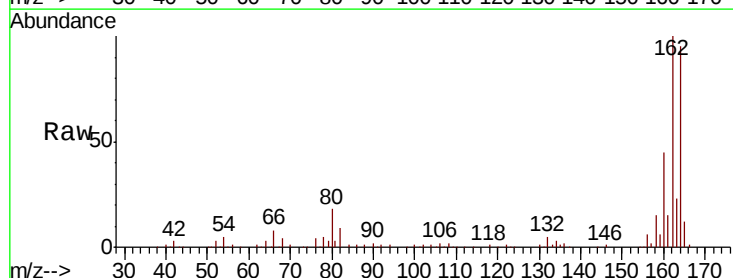
Tgt Ion: 164 Resp: 208886

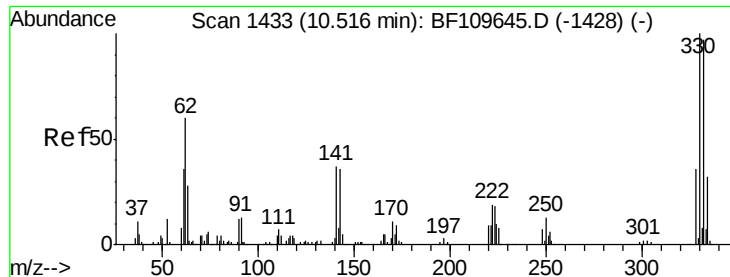
Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.6

160 47.2 37.0 55.6

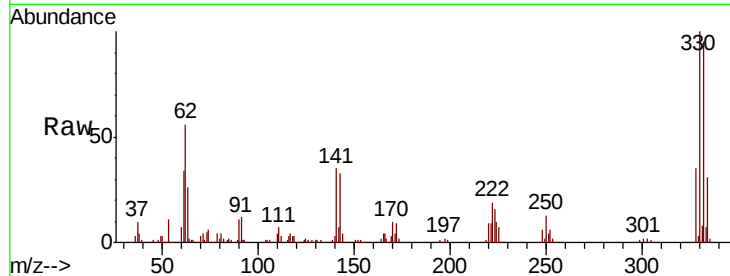




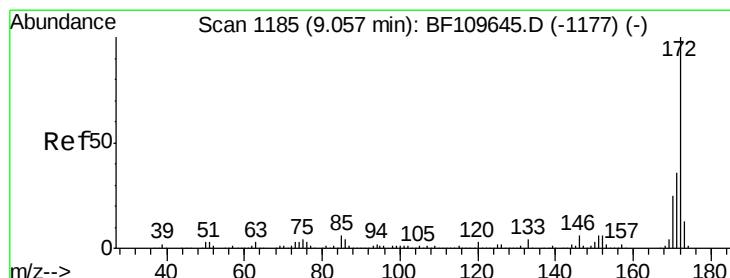
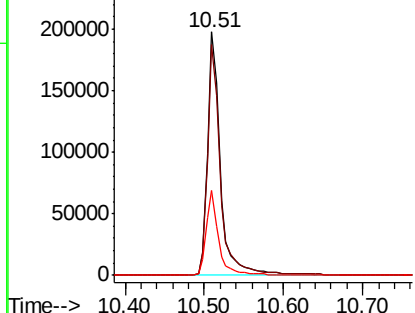
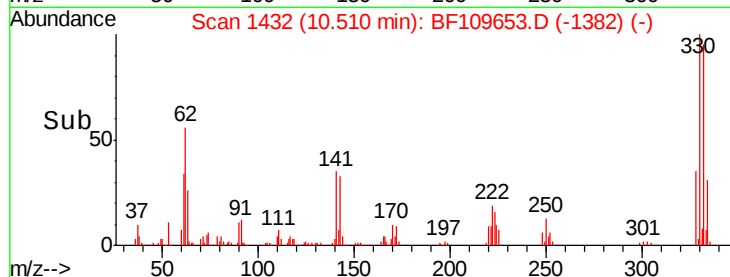
#41
 2,4,6-Tribromophenol
 Concen: 99.577 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BL

Tgt Ion:330 Resp: 226641
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 33.8 27.0 40.4

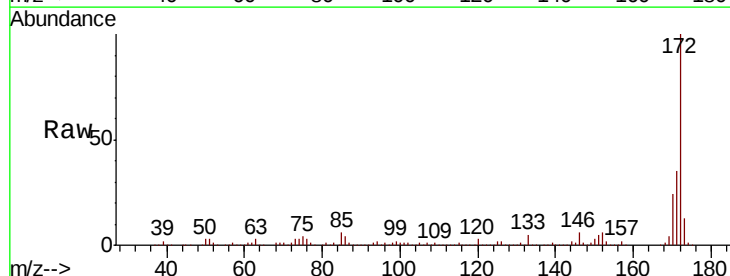


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

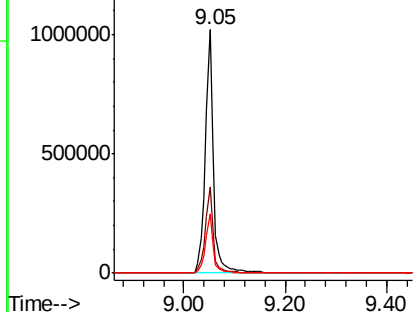
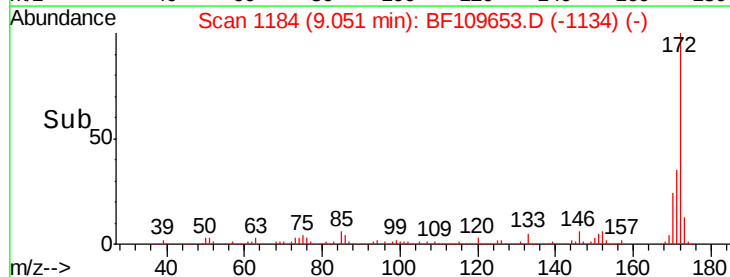


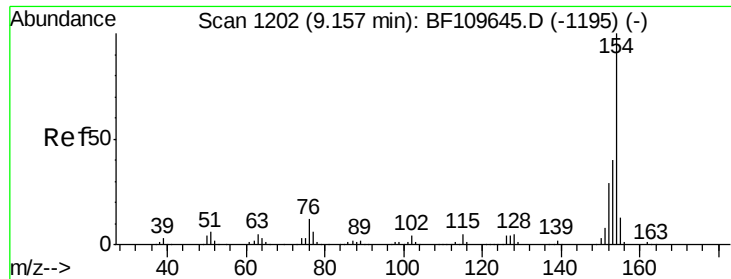
#44
 2-Fluorobiphenyl
 Concen: 75.897 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

Tgt Ion:172 Resp: 1151116
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 24.2 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

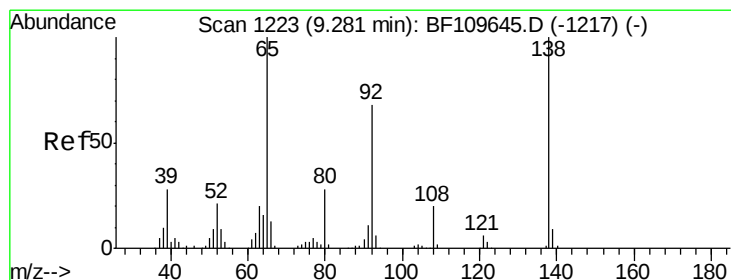
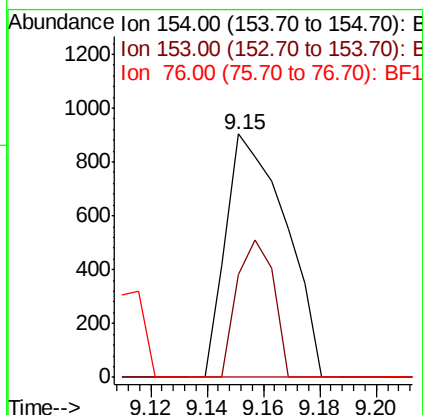
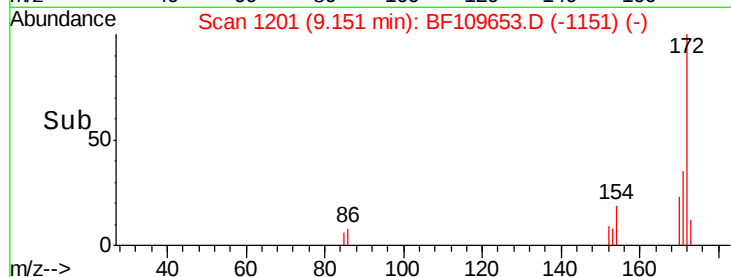
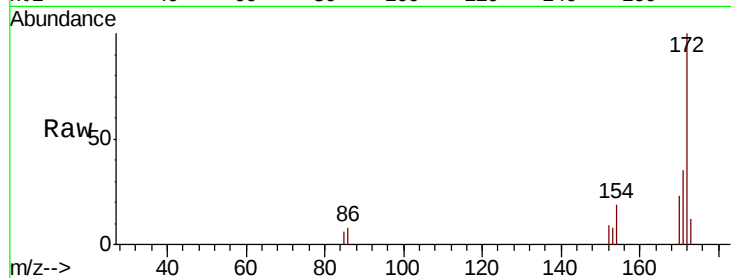




#45
1,1'-Biphenyl
Concen: 0.071 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

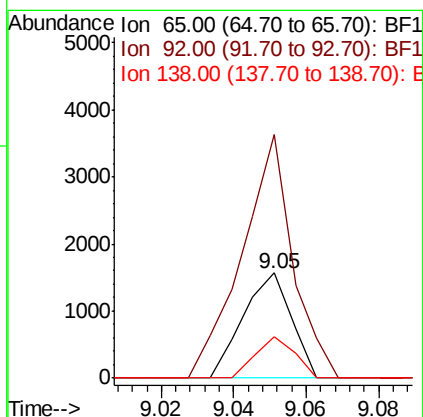
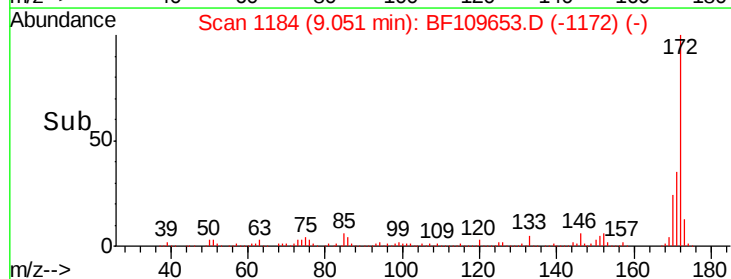
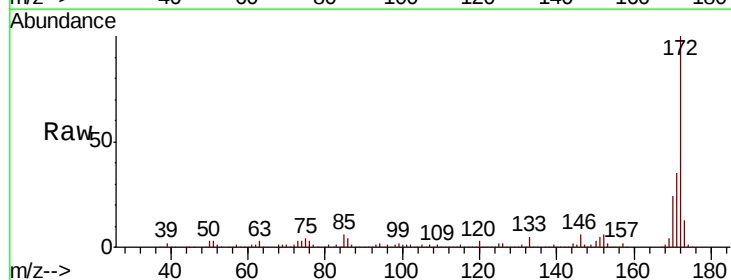
Instrument :
BNA_F
ClientSampleId :
PB113362BL

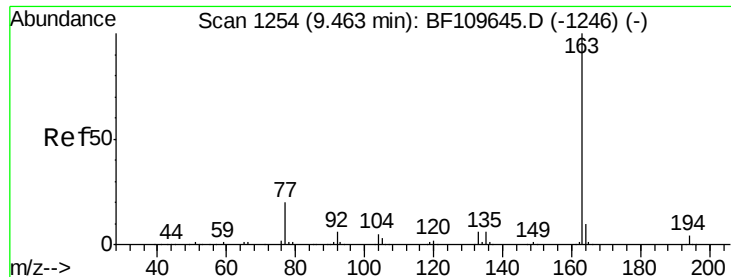
Tgt Ion: 154 Resp: 1330
Ion Ratio Lower Upper
154 100
153 42.0 20.4 60.4
76 0.0 0.0 31.9



#47
2-Nitroaniline
Concen: 0.340 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.23 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

Tgt Ion: 65 Resp: 1438
Ion Ratio Lower Upper
65 100
92 231.9 54.6 81.8#
138 39.1 80.3 120.5#

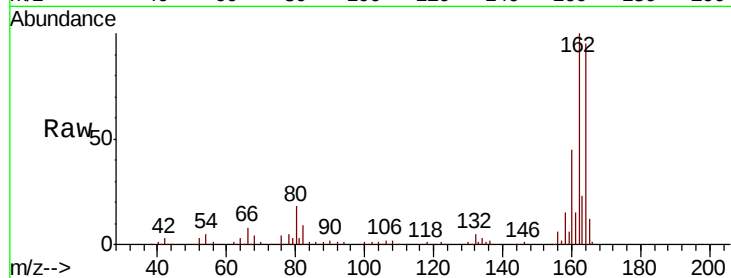




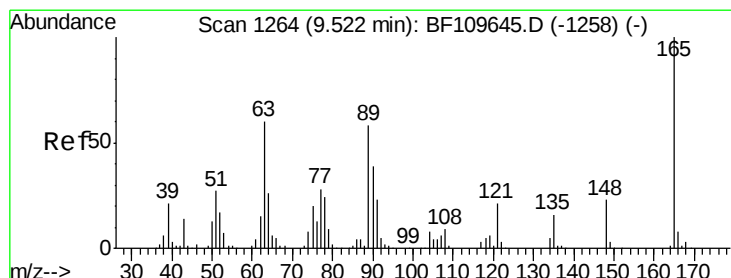
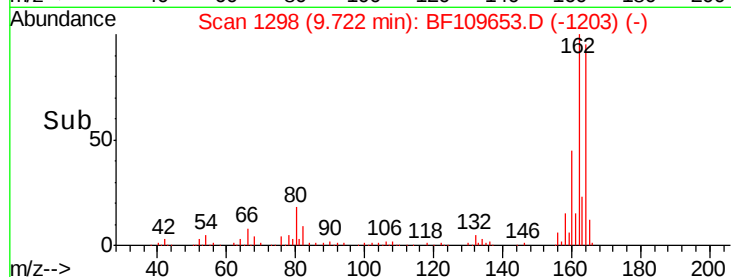
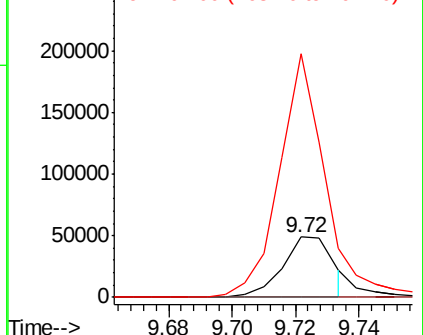
#49
Dimethylphthalate
Concen: 3.524 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

Instrument :
BNA_F
ClientSampleId :
PB113362BL

Tgt Ion:163 Resp: 53980
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 404.9 8.1 12.1#

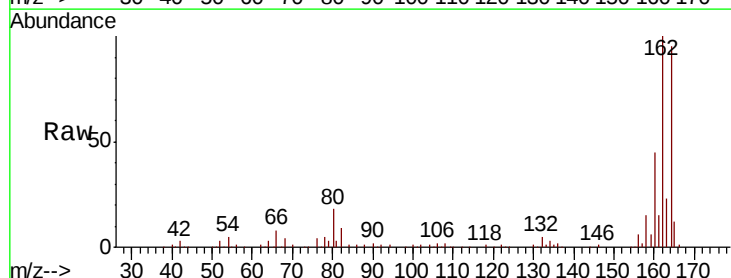


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

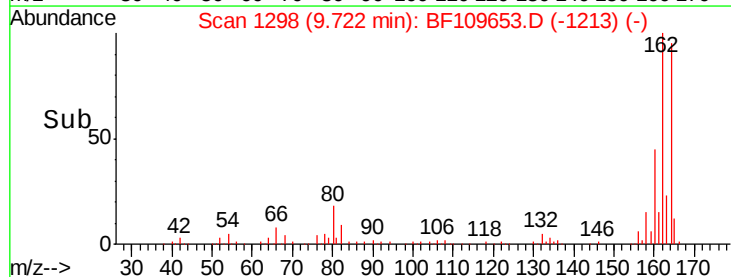
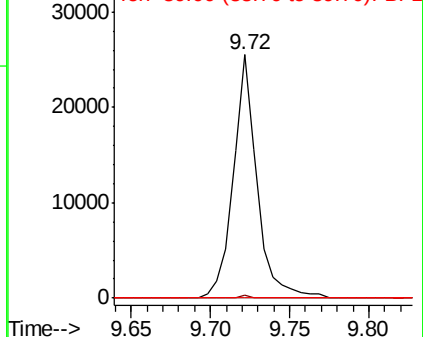


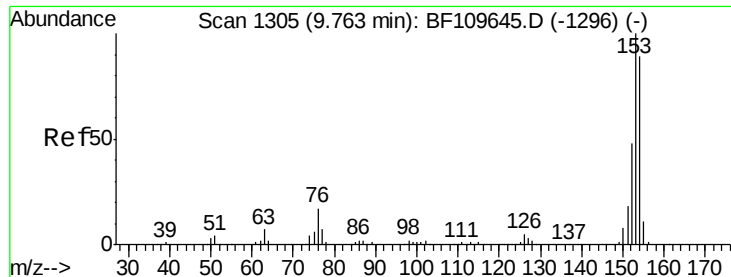
#50
2,6-Dinitrotoluene
Concen: 7.976 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

Tgt Ion:165 Resp: 26486
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 0.0 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.042 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.04 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

PB113362BL

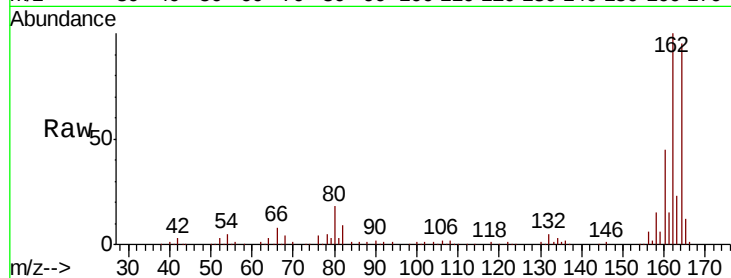
Tgt Ion:154 Resp: 505

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

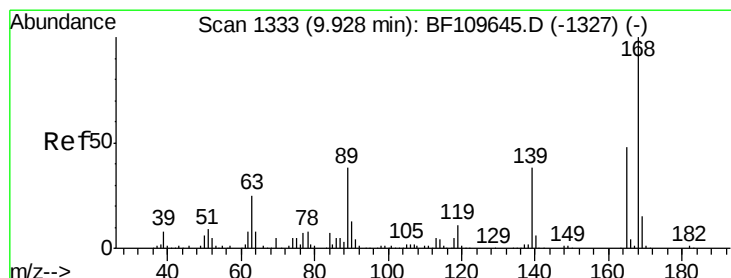
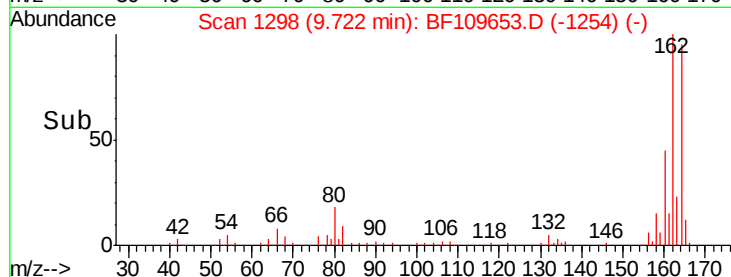
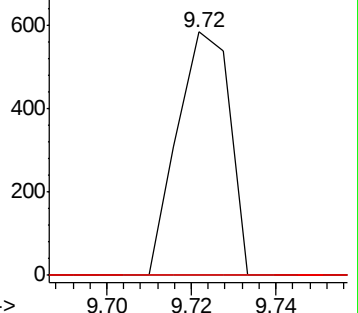
152 0.0 43.4 65.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.391 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Tgt Ion:165 Resp: 26486

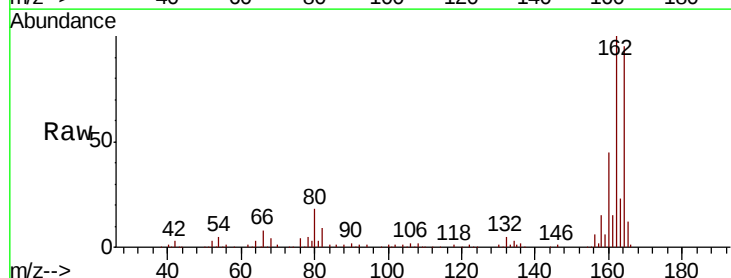
Ion Ratio Lower Upper

165 100

63 1.4 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

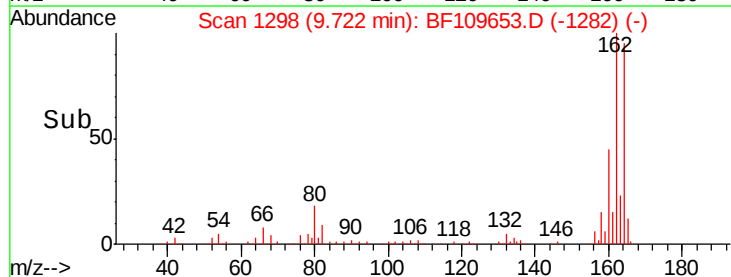
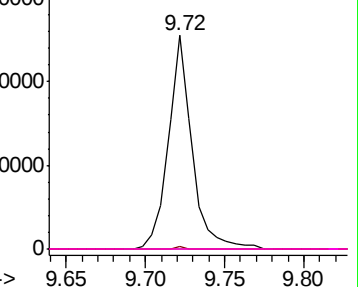


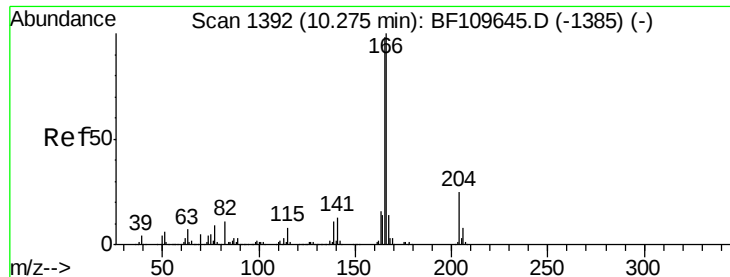
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

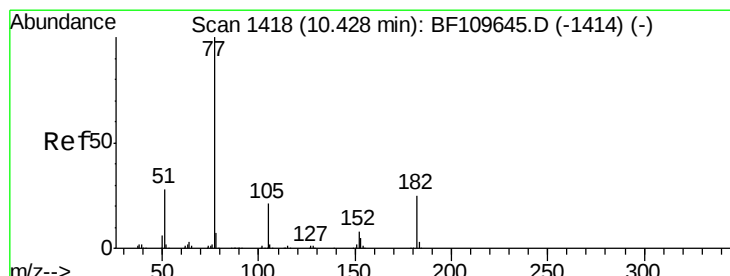
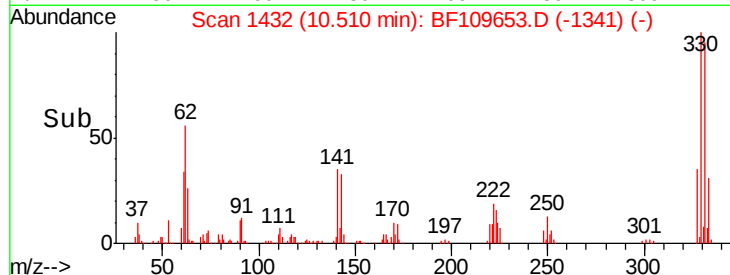
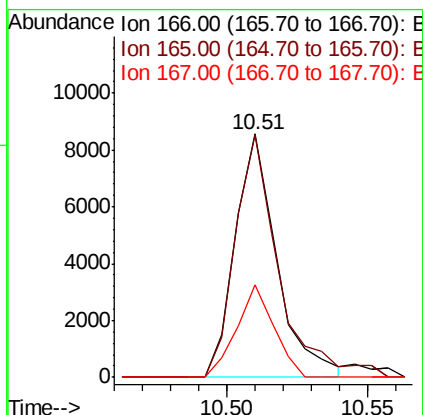
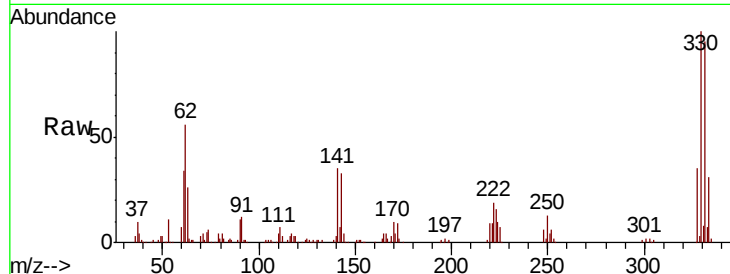




#57
 Fluorene
 Concen: 0.653 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.24 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

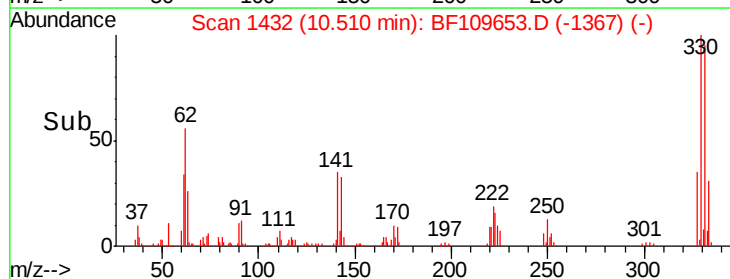
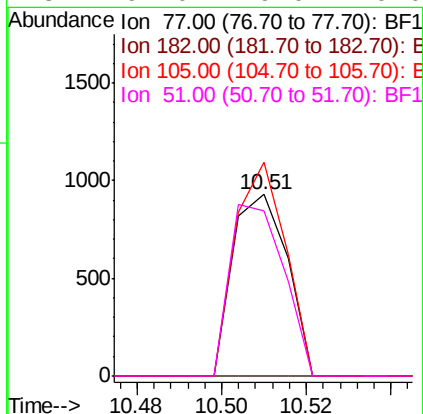
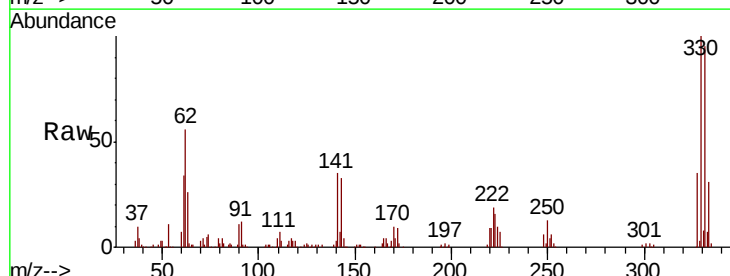
Instrument :
 BNA_F
 ClientSampleId :
 PB113362BL

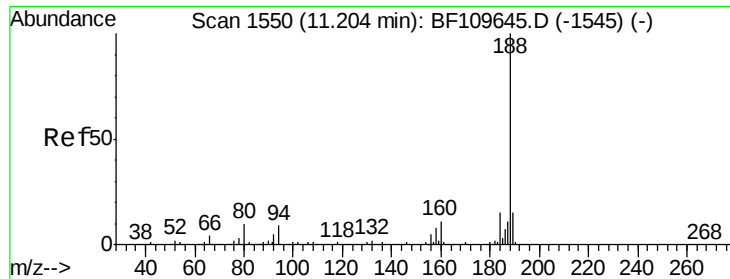
Tgt Ion: 166 Resp: 8828
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.6 117.8
 167 38.3 10.8 16.2#



#62
 Azobenzene
 Concen: 0.054 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.08 min
 Lab File: BF109653.D
 Acq: 8 Oct 2018 17:45

Tgt Ion: 77 Resp: 829
 Ion Ratio Lower Upper
 77 100
 182 0.0 4.3 44.3#
 105 117.6 1.3 41.3#
 51 91.0 9.0 49.0#

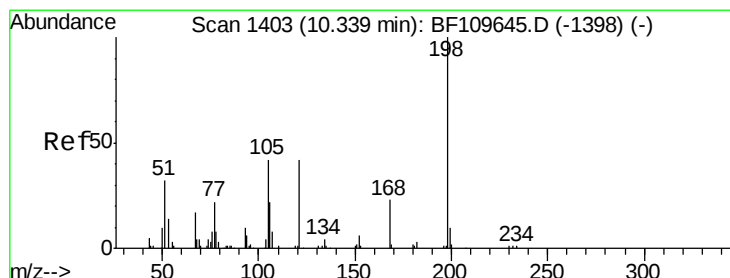
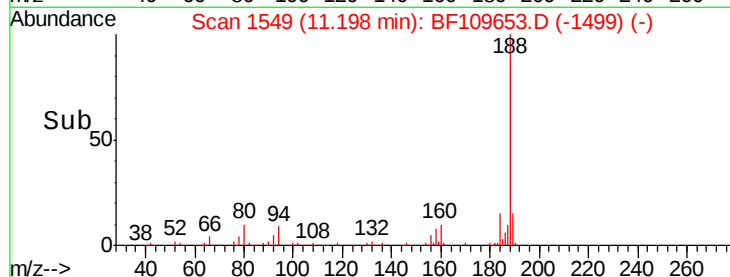
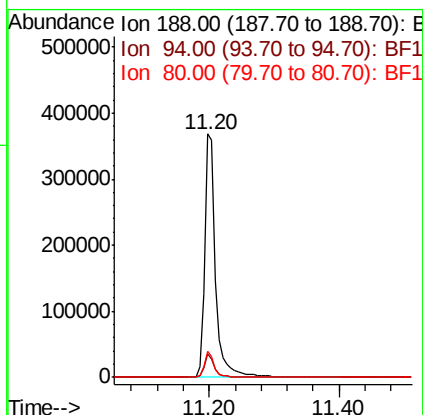
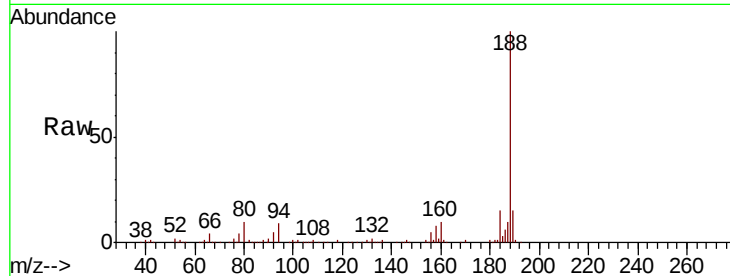




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

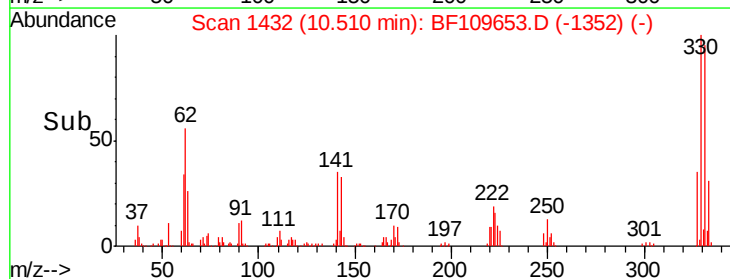
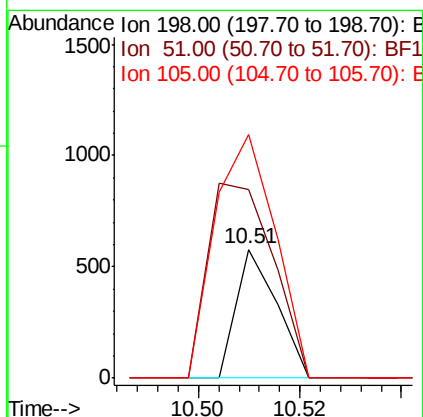
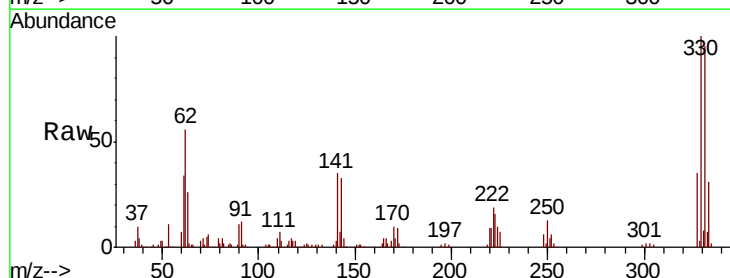
Instrument :
BNA_F
ClientSampleId :
PB113362BL

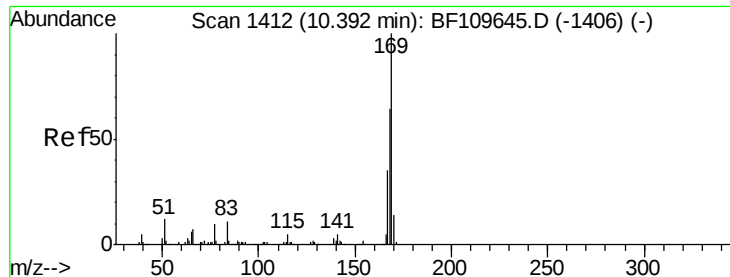
Tgt Ion:188 Resp: 423274
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.5 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 0.155 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.17 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

Tgt Ion:198 Resp: 320
Ion Ratio Lower Upper
198 100
51 146.4 22.8 62.8#
105 189.3 23.6 63.6#

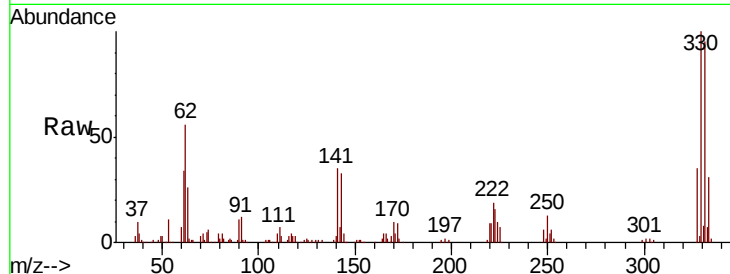




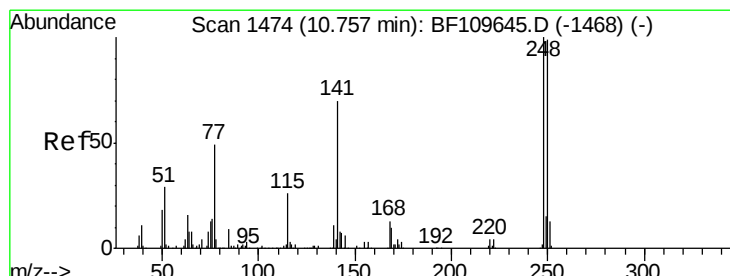
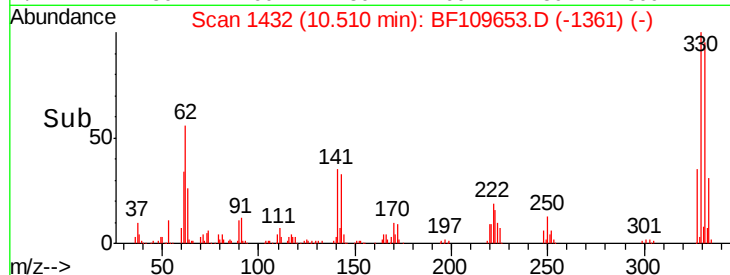
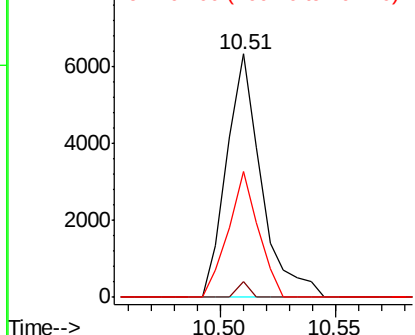
#65
n-Nitrosodiphenylamine
Concen: 0.463 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.12 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

Instrument :
BNA_F
ClientSampleId :
PB113362BL

Tgt Ion:169 Resp: 6637
Ion Ratio Lower Upper
169 100
168 6.5 51.2 76.8#
167 51.7 27.8 41.6#

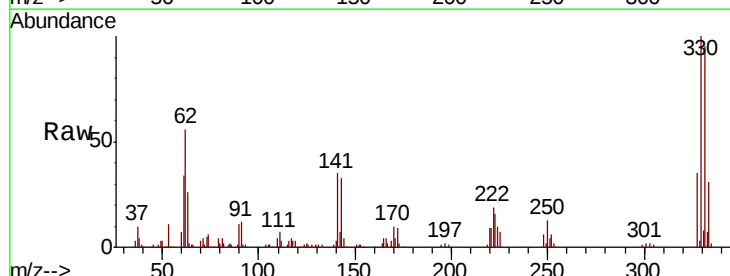


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

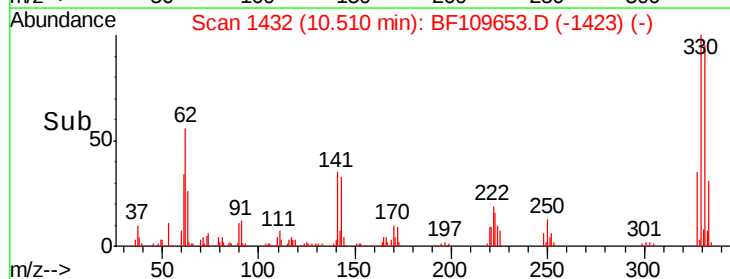
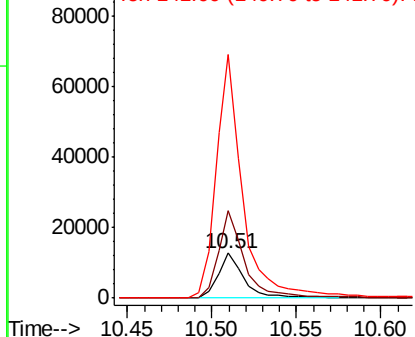


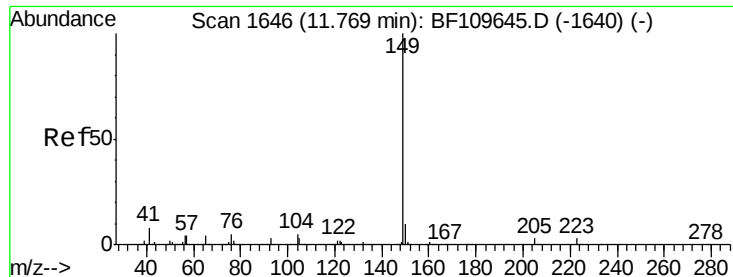
#66
4-Bromophenyl-phenylether
Concen: 2.803 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109653.D
Acq: 8 Oct 2018 17:45

Tgt Ion:248 Resp: 13630
Ion Ratio Lower Upper
248 100
250 196.5 79.4 119.2#
141 543.7 55.9 83.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 0.039 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

PB113362BL

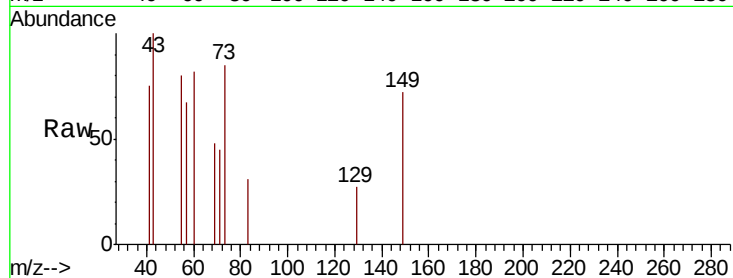
Tgt Ion:149 Resp: 957

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

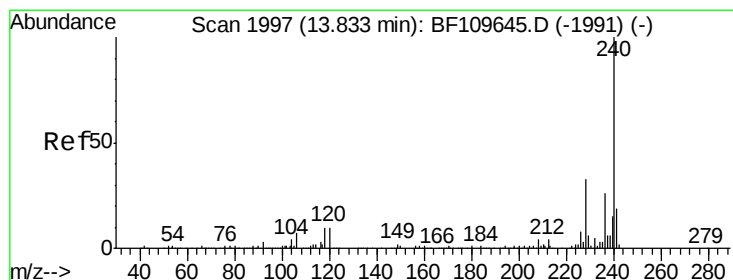
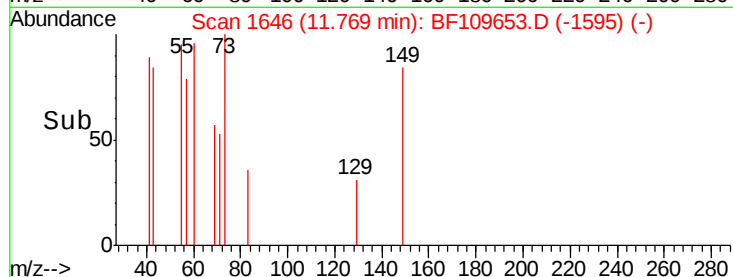
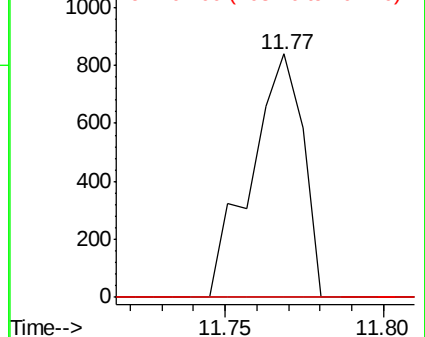
104 0.0 4.2 6.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

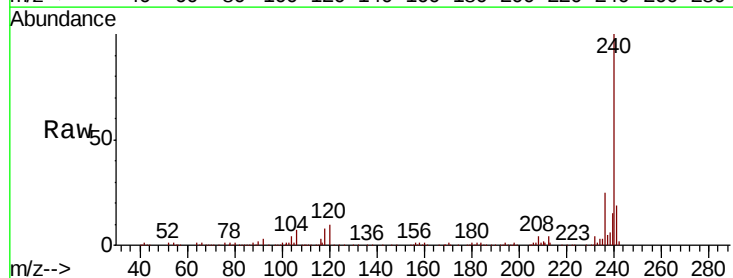
Tgt Ion:240 Resp: 324045

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

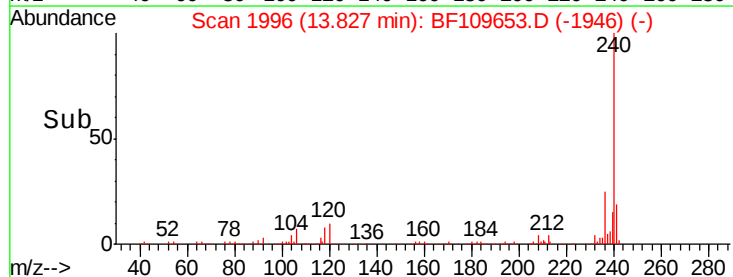
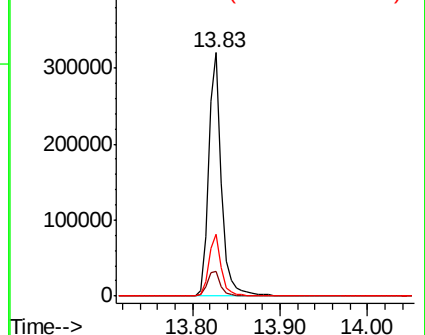
236 25.4 21.2 31.8

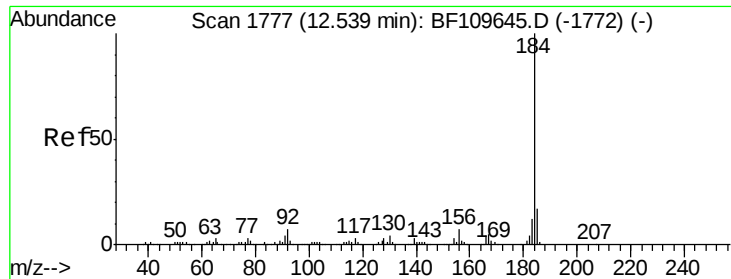


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.273 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.24 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

PB113362BL

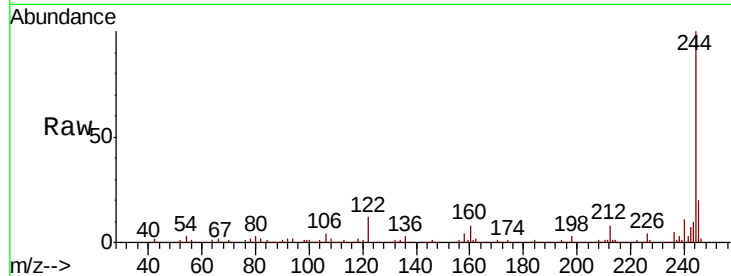
Tgt Ion:184 Resp: 15327

Ion Ratio Lower Upper

184 100

185 16.0 13.4 20.2

183 8.6 9.4 14.2#

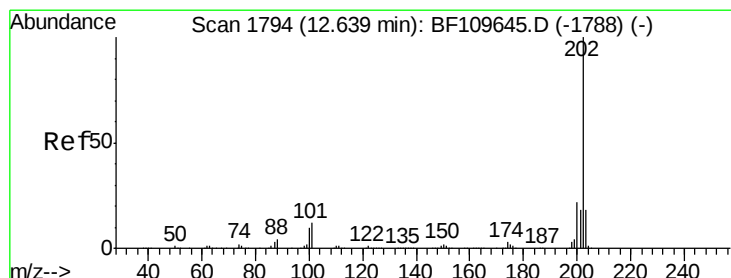
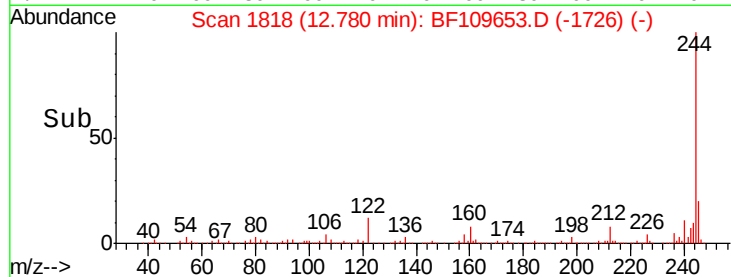
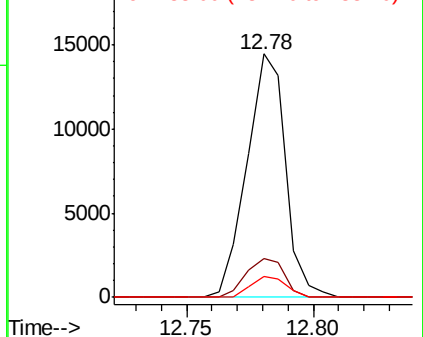


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.147 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.14 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

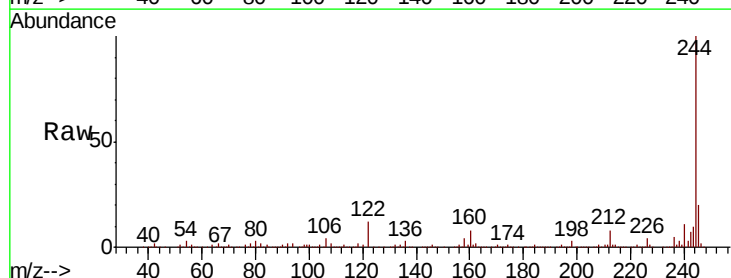
Tgt Ion:202 Resp: 3483

Ion Ratio Lower Upper

202 100

200 49.0 17.8 26.6#

203 20.1 14.2 21.4

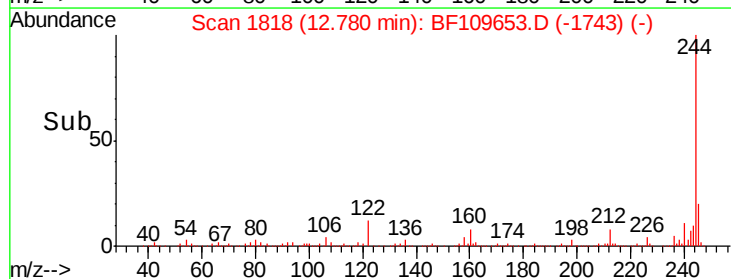
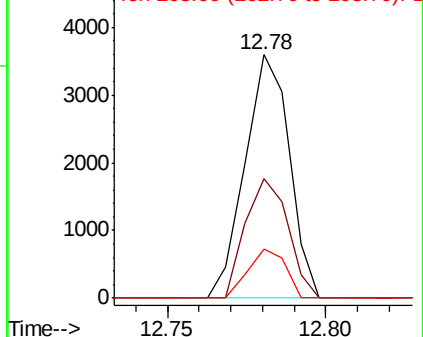


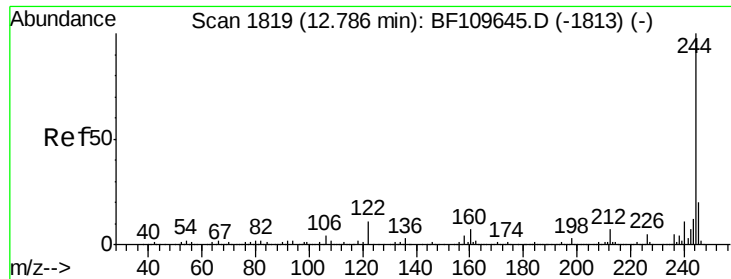
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.288 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

PB113362BL

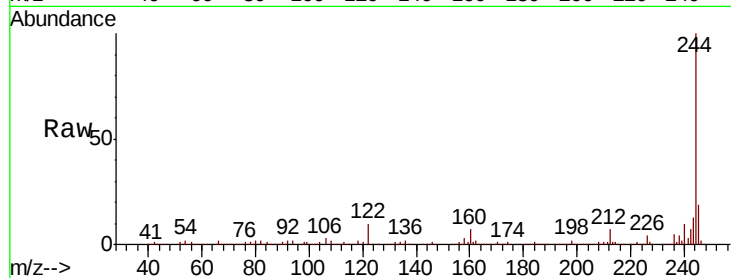
Tgt Ion:244 Resp: 1143098

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

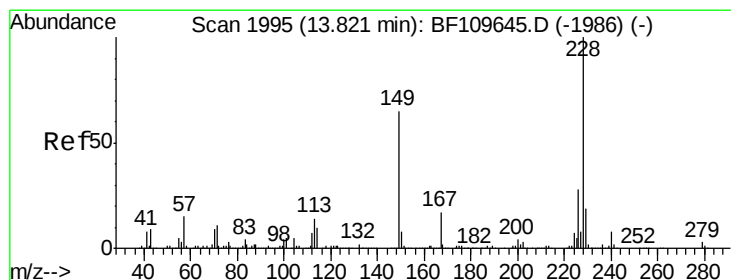
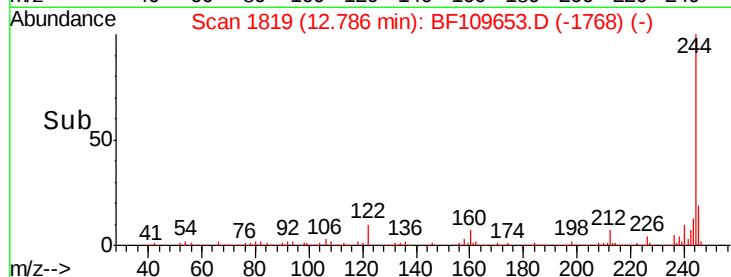
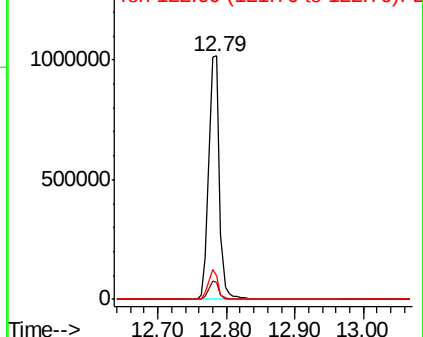
122 9.8 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 0.044 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

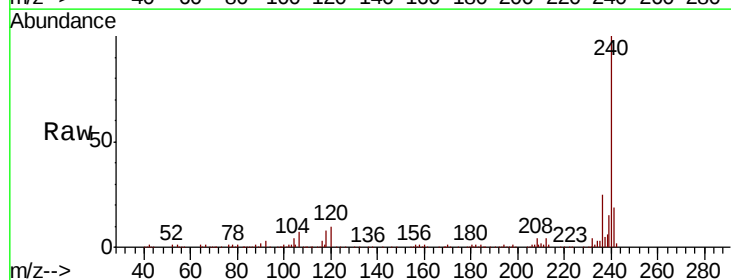
Tgt Ion:228 Resp: 793

Ion Ratio Lower Upper

228 100

226 0.0 22.1 33.1#

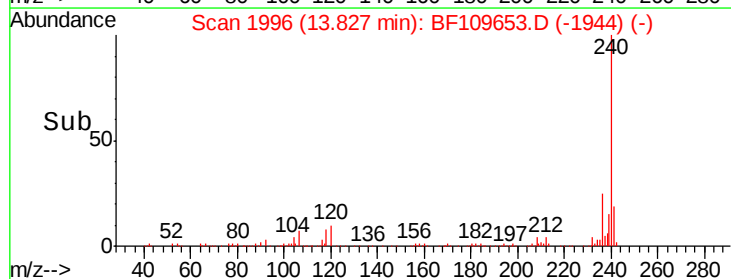
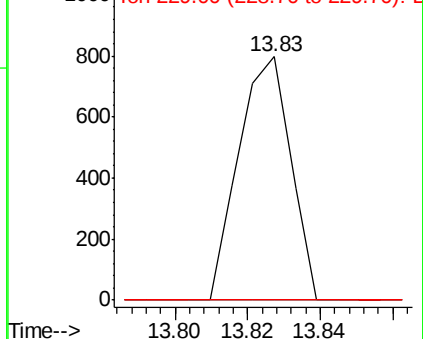
229 0.0 15.6 23.4#

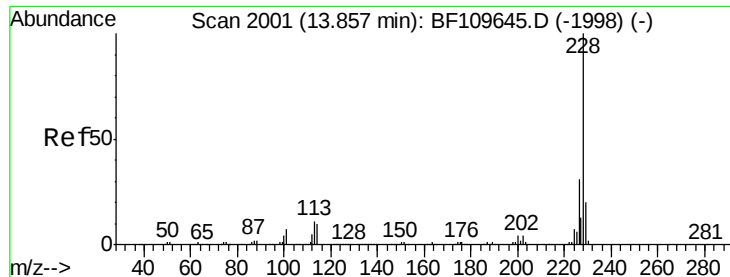


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.042 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.03 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

PB113362BL

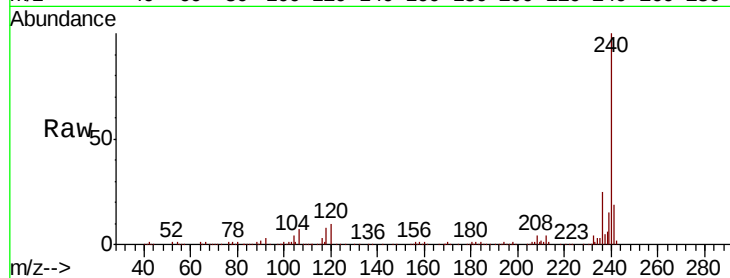
Tgt Ion:228 Resp: 793

Ion Ratio Lower Upper

228 100

226 0.0 24.7 37.1#

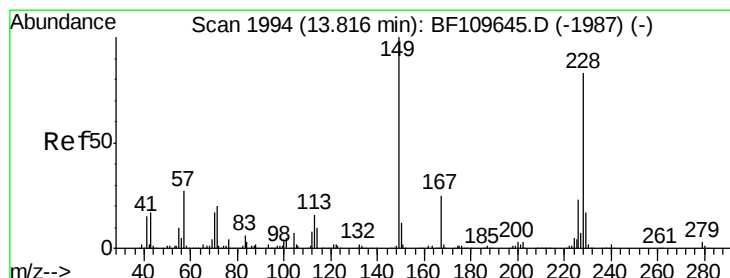
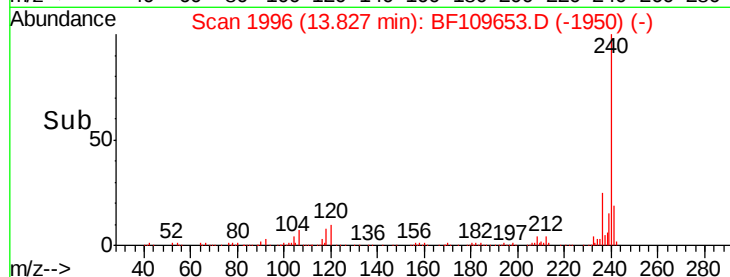
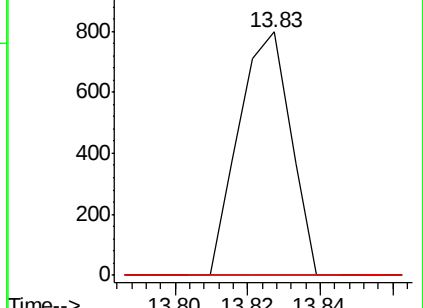
229 0.0 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.903 ng

RT: 13.70 min Scan# 1975

Delta R.T. -0.11 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

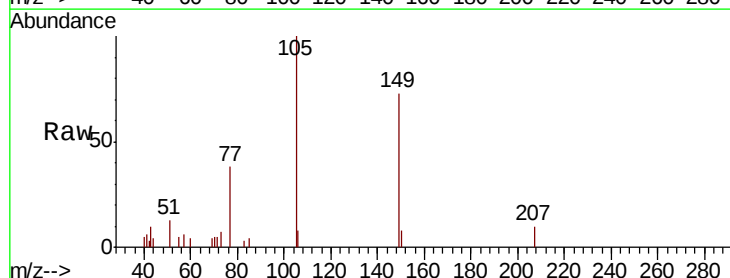
Tgt Ion:149 Resp: 11342

Ion Ratio Lower Upper

149 100

167 0.0 19.8 29.8#

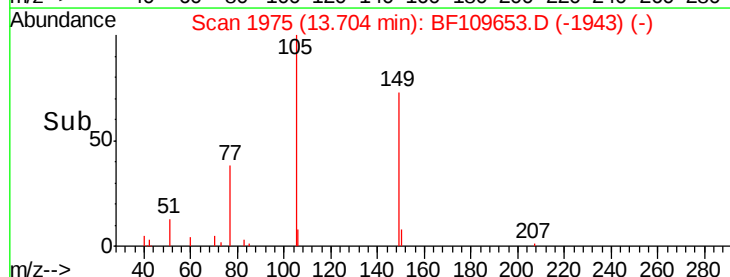
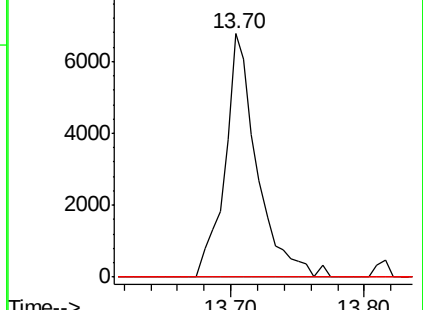
279 0.0 2.7 4.1#

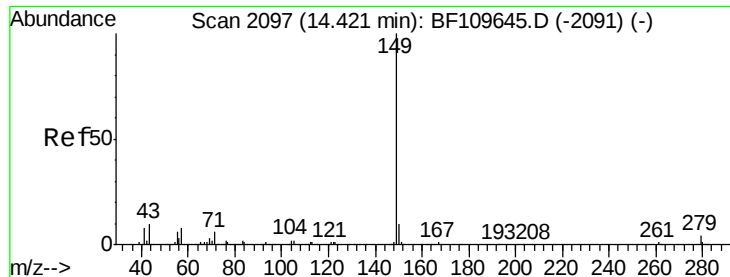


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.006 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.24 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

PB113362BL

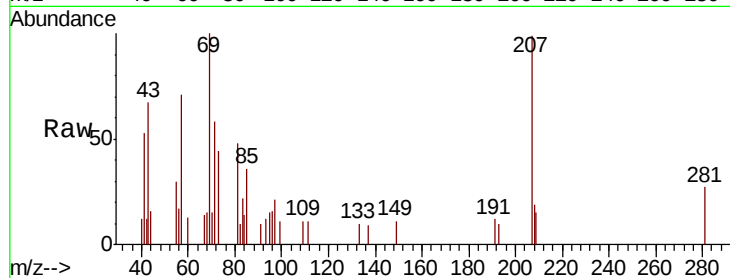
Tgt Ion:149 Resp: 124

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

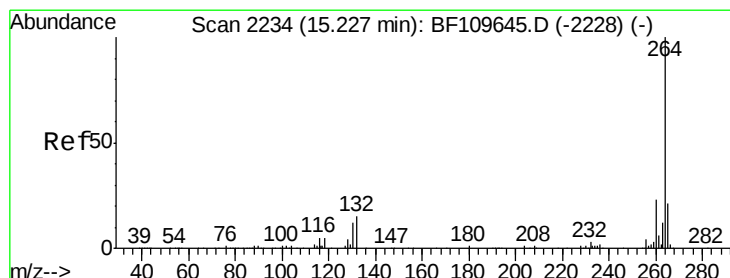
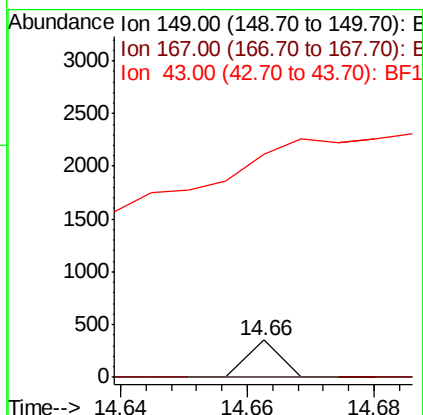
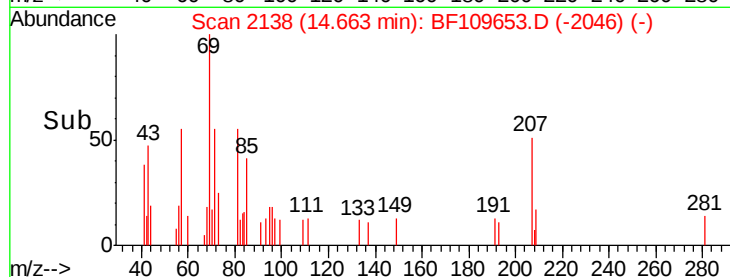
43 0.0 7.8 11.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

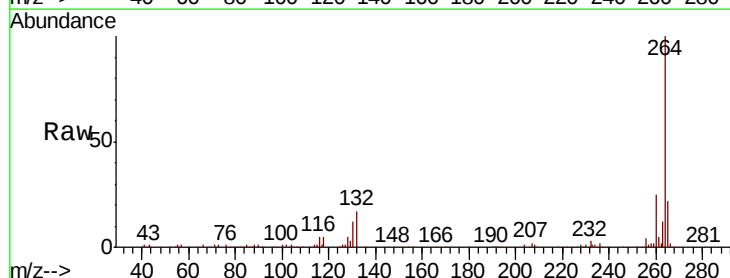
Tgt Ion:264 Resp: 233160

Ion Ratio Lower Upper

264 100

260 24.8 18.7 28.1

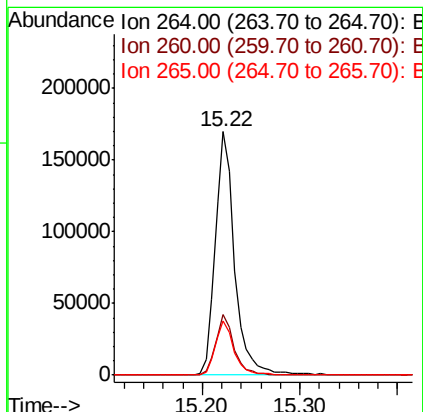
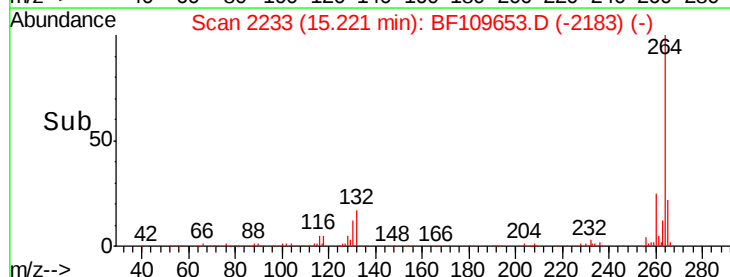
265 22.3 16.7 25.1

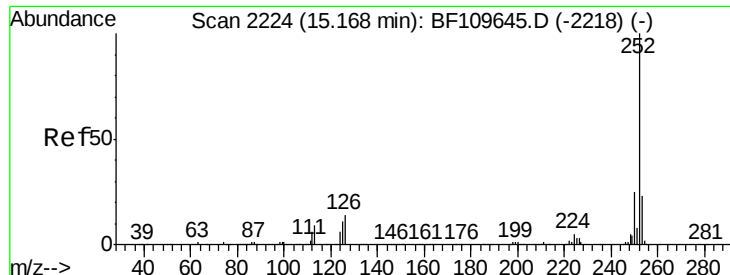


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.054 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.05 min

Lab File: BF109653.D

Acq: 8 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

PB113362BL

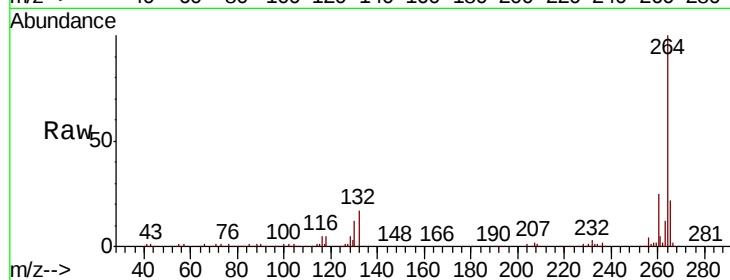
Tgt Ion:252 Resp: 637

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

125 69.9 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

