

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110857.D
 Acq On : 19 Nov 2018 17:05
 Operator : JU/SJ
 Sample : J5515-01DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 19 17:31:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56286	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	216795	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	92417	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	138906	20.00	ng	0.00
76) Chrysene-d12	14.13	240	149370	20.00	ng	0.00
87) Perylene-d12	15.66	264	108247	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	30110	8.69	ng	0.00
7) Phenol-d6	6.57	99	39782	8.98	ng	0.00
23) Nitrobenzene-d5	7.51	82	18322	4.87	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	6076	6.52	ng	0.01
45) 2-Fluorobiphenyl	9.30	172	43719	6.76	ng	0.00
79) Terphenyl-d14	13.06	244	37471	4.70	ng	0.00

Target Compounds

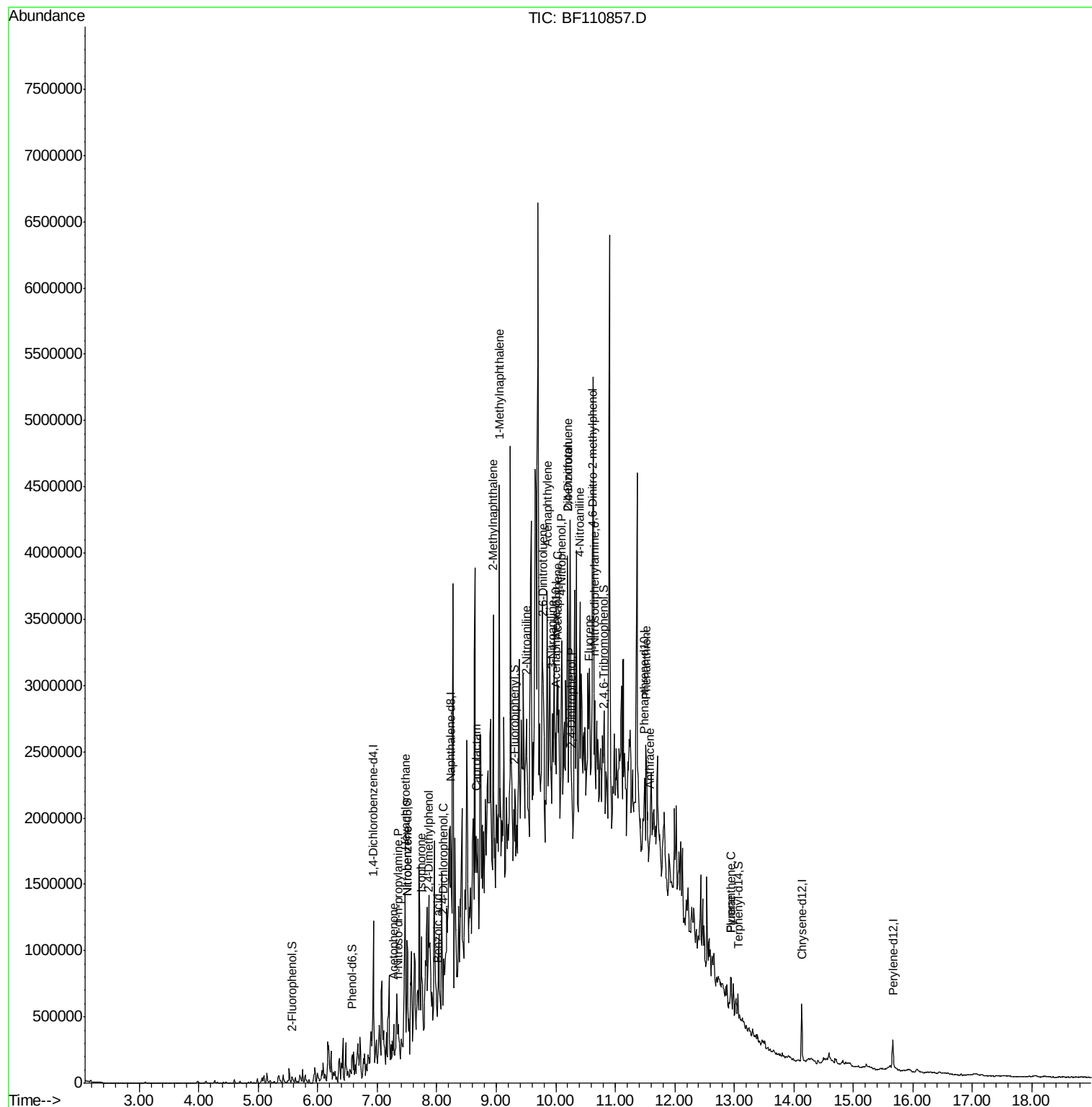
						Qvalue
9) Benzaldehyde	6.46	77	2574	Below Cal	#	20
18) Hexachloroethane	7.47	117	41870	25.128 ng	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	14083	4.979 ng	#	72
22) Acetophenone	7.27	105	15752	3.118 ng	#	38
24) Nitrobenzene	7.50	77	9540	2.473 ng	#	38
25) Isophorone	7.75	82	38359	6.217 ng	#	1
27) 2,4-Dimethylphenol	7.87	122	9317	3.179 ng	#	22
29) 2,4-Dichlorophenol	8.12	162	8431	2.796 ng	#	42
32) Benzoic acid	8.01	122	4279	2.064 ng	#	21
35) Caprolactam	8.67	113	9049	8.983 ng	#	1
37) 2-Methylnaphthalene	8.95	142	636040	95.333 ng	#	100
38) 1-Methylnaphthalene	9.05	142	535995	83.537 ng	#	98
48) 2-Nitroaniline	9.50	65	8230	4.300 ng	#	50
49) Acenaphthylene	9.86	152	28501	3.186 ng	#	1
51) 2,6-Dinitrotoluene	9.79	165	3346	2.206 ng	#	50
52) Acenaphthene	10.03	154	58249	10.305 ng	#	63
53) 3-Nitroaniline	9.94	138	7936	4.516 ng	#	27
54) 2,4-Dinitrophenol	10.27	184	13708	26.053 ng	#	88
55) Dibenzofuran	10.20	168	46513	5.624 ng	#	1
56) 4-Nitrophenol	10.10	139	44318	38.010 ng	#	56
57) 2,4-Dinitrotoluene	10.20	165	25576	12.967 ng	#	53
58) Fluorene	10.55	166	102424	16.123 ng	#	81
62) 4-Nitroaniline	10.40	138	6209	3.508 ng	#	89
65) 4,6-Dinitro-2-methylphenol	10.61	198	1646	2.351 ng	#	1
66) n-Nitrosodiphenylamine	10.65	169	179788	38.399 ng	#	40
71) Phenanthrene	11.52	178	287753	38.667 ng	#	94
72) Anthracene	11.57	178	24102	3.211 ng	#	5
75) Fluoranthene	12.94	202	37644	5.045 ng	#	68
78) Pyrene	12.94	202	37644	3.273 ng	#	83

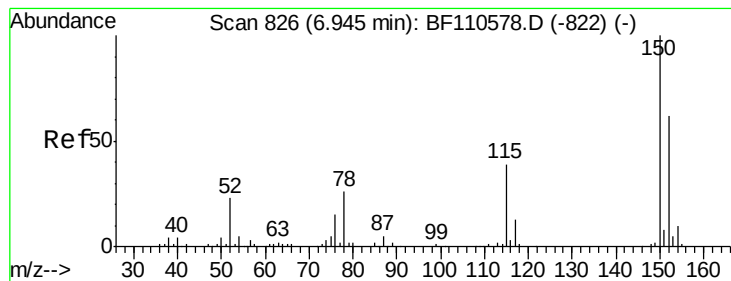
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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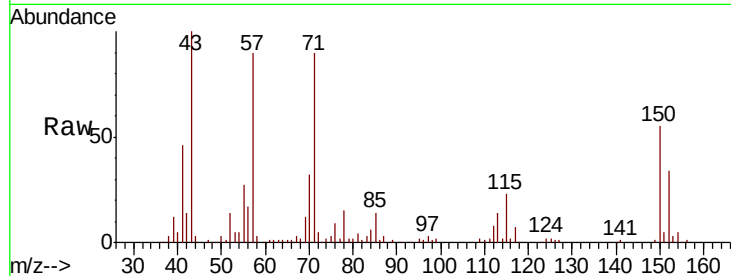


#1

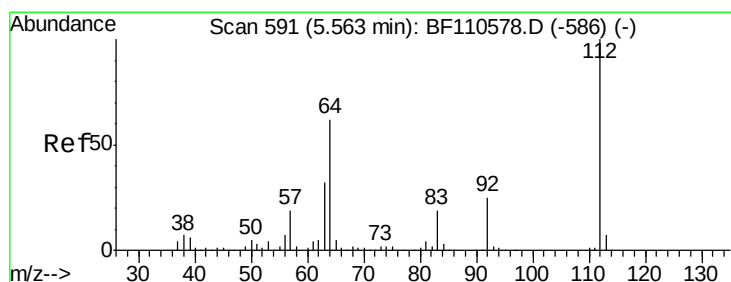
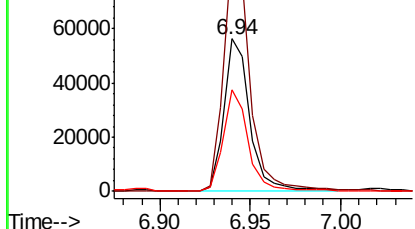
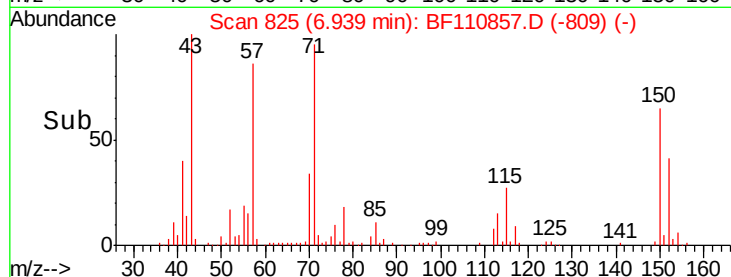
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 56286
Ion Ratio Lower Upper
152 100
150 159.7 122.7 184.1
115 66.6 49.1 73.7



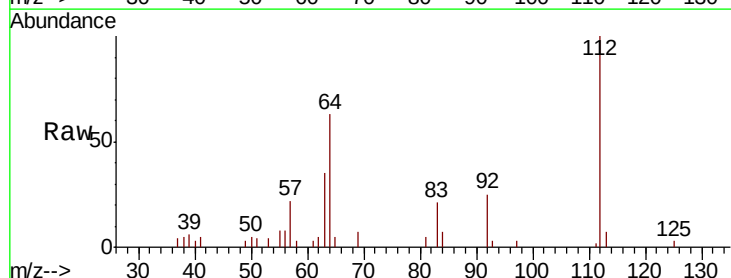
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



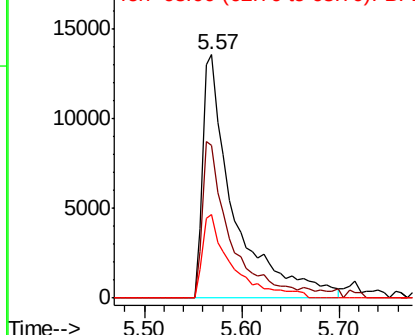
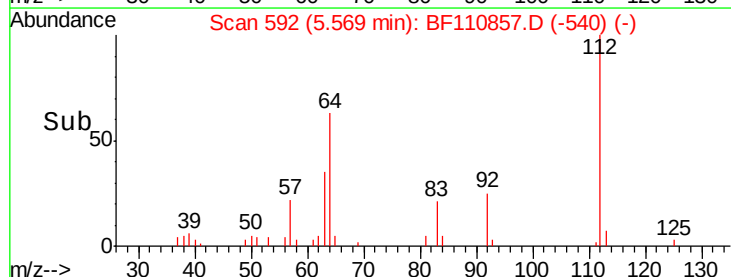
#5

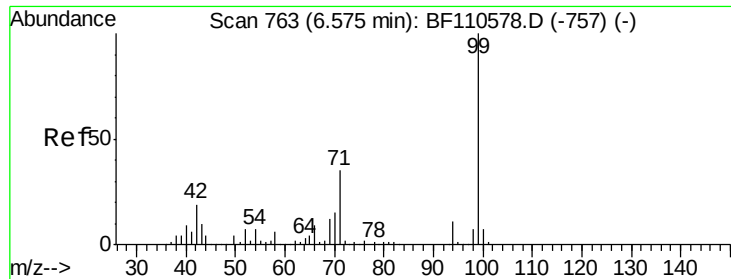
2-Fluorophenol
Concen: 8.689 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion:112 Resp: 30110
Ion Ratio Lower Upper
112 100
64 62.9 44.1 66.1
63 34.5 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





#7

Phenol-d6

Concen: 8.978 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

Instrument :

BNA_F

ClientSampled :

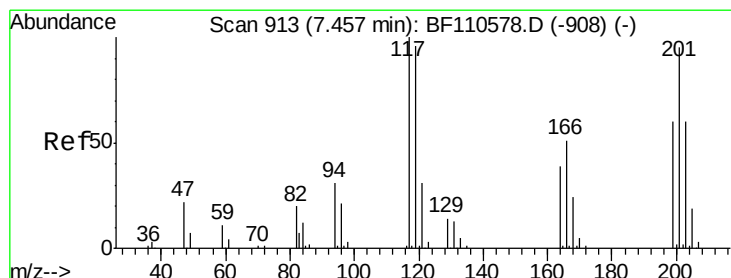
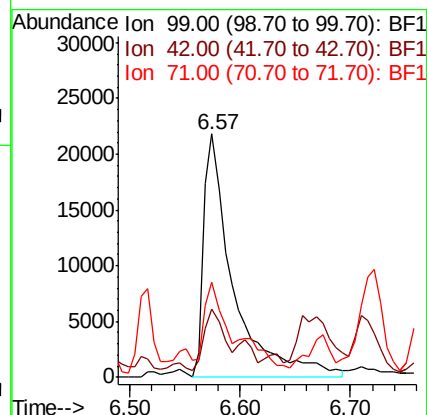
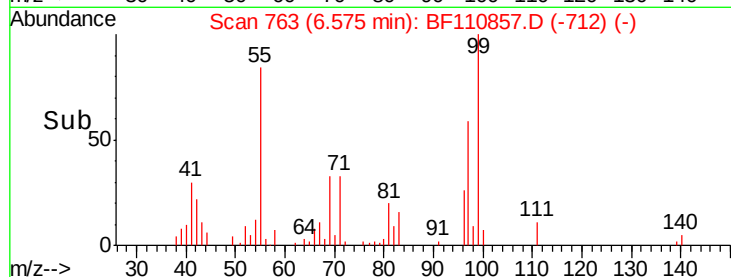
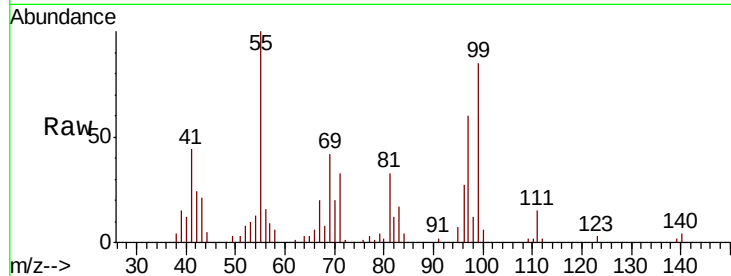
Tot Ion: 99 Resp: 39782

Ion Ratio Lower Upper

99 100

42 28.0 15.8 23.6#

71 39.3 28.0 42.0



#18

Hexachloroethane

Concen: 25.128 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

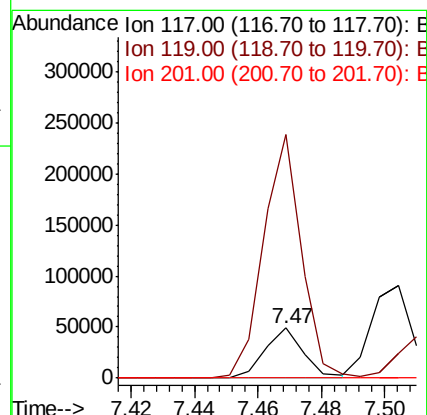
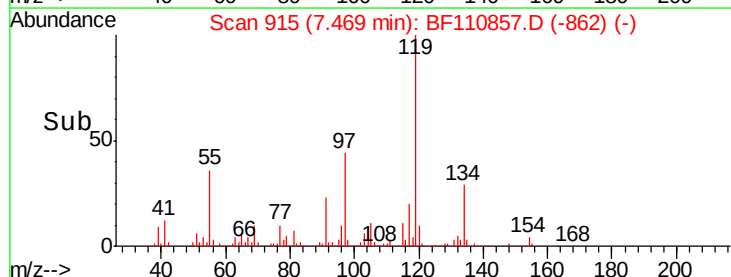
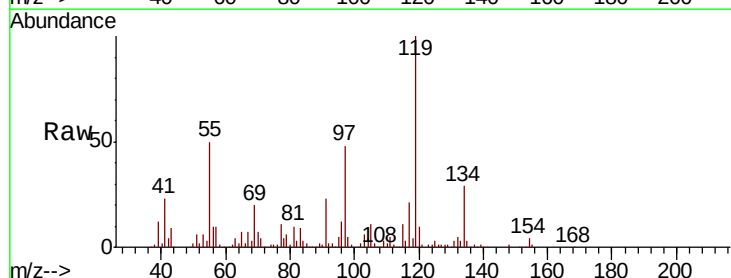
Tgt Ion: 117 Resp: 41870

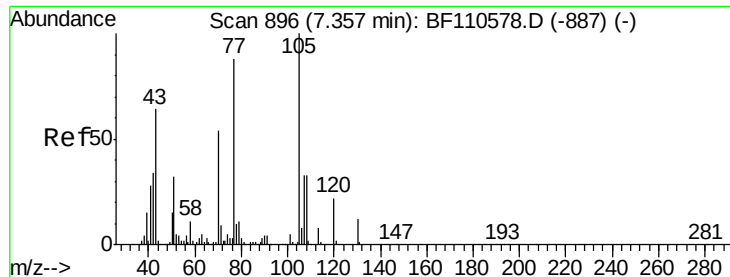
Ion Ratio Lower Upper

117 100

119 485.2 75.0 112.6#

201 0.0 79.2 118.8#





#19

n-Nitroso-di-n-propylamine

Concen: 4.979 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 14083

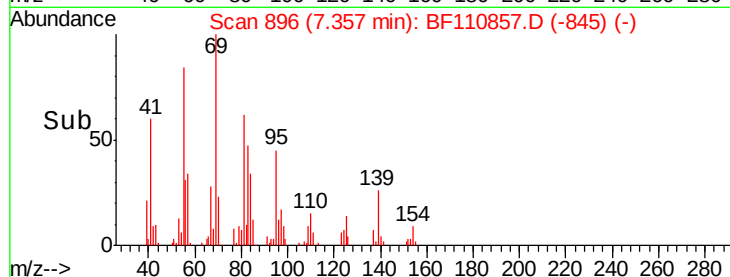
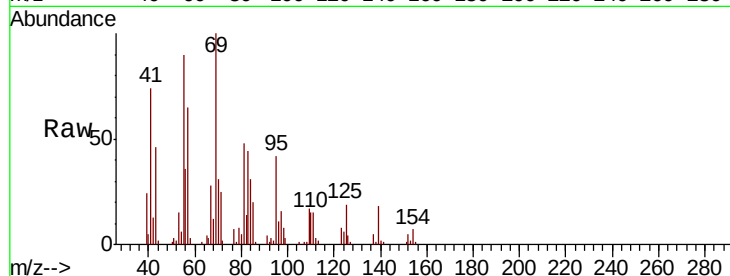
Ion Ratio Lower Upper

70 100

42 41.7 47.4 71.2#

101 0.0 7.3 10.9#

130 0.0 16.2 24.2#

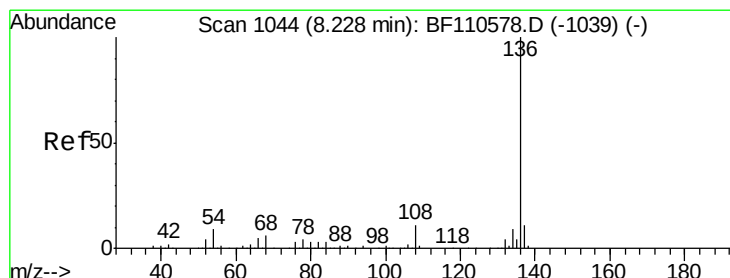
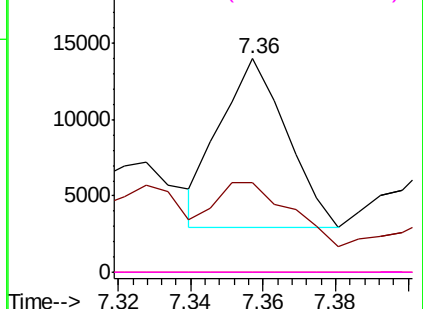


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

Tgt Ion:136 Resp: 216795

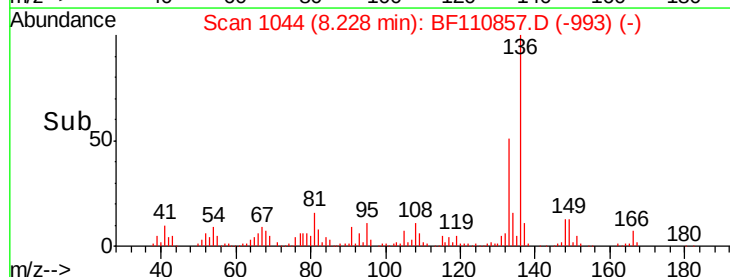
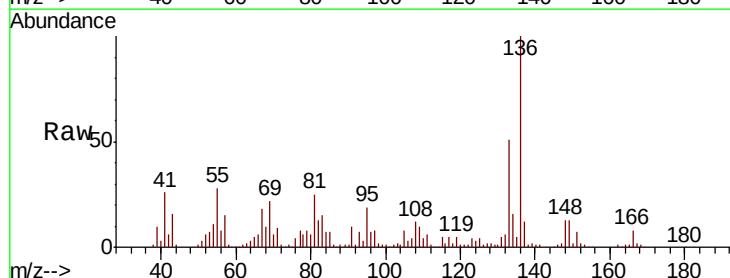
Ion Ratio Lower Upper

136 100

137 12.4 8.8 13.2

54 11.3 5.4 8.2#

68 9.8 4.2 6.2#

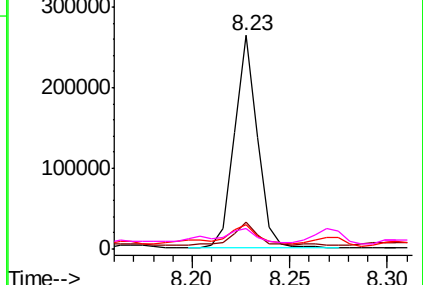


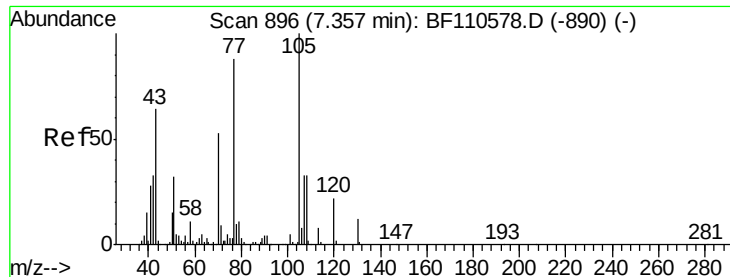
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 3.118 ng

RT: 7.27 min Scan# 882

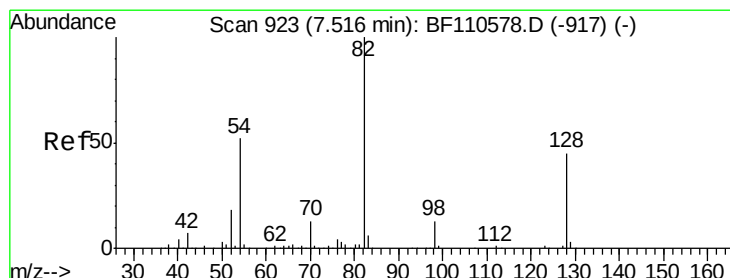
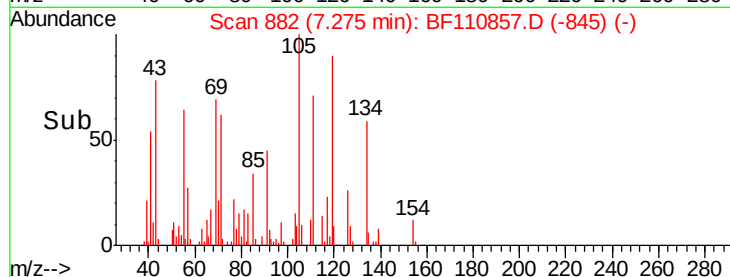
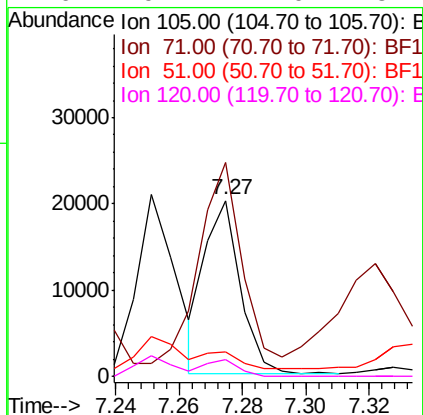
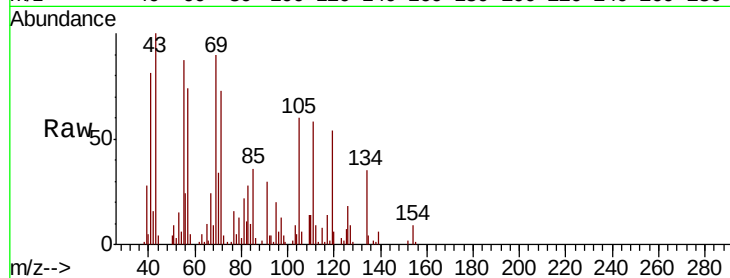
Delta R.T. -0.08 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	105	Resp:	15752
Ion	Ratio	Lower	Upper
105	100		
71	121.4	5.2	7.8#
51	14.2	21.8	32.8#
120	9.4	17.0	25.4#



#23

Nitrobenzene-d5

Concen: 4.867 ng

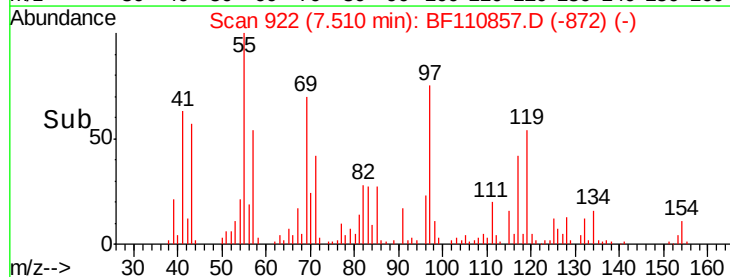
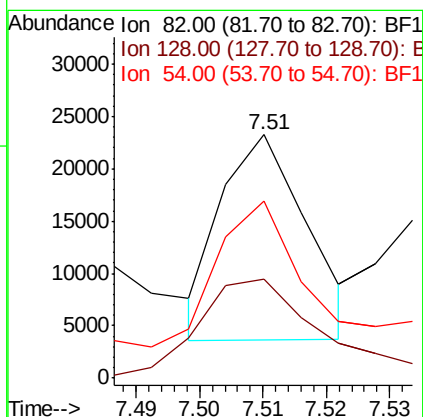
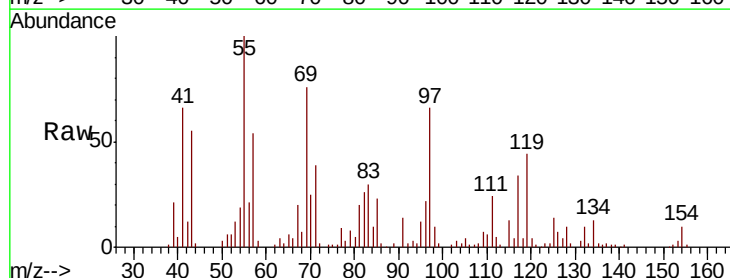
RT: 7.51 min Scan# 922

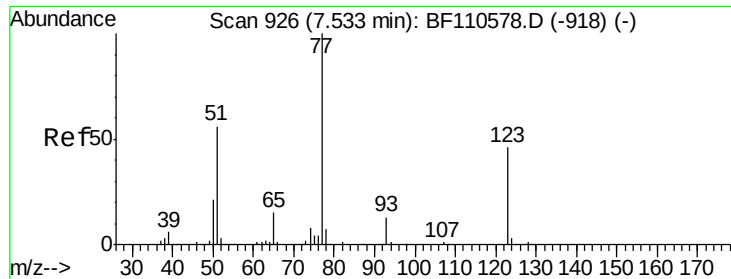
Delta R.T. -0.01 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

Tgt Ion:	82	Resp:	18322
Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.2	51.2
54	72.6	38.6	58.0#

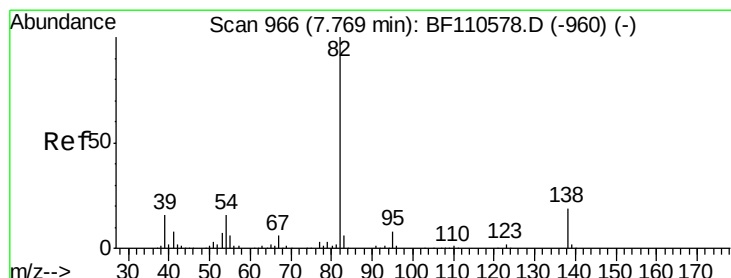
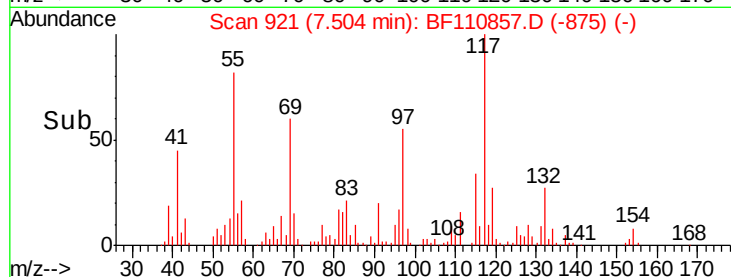
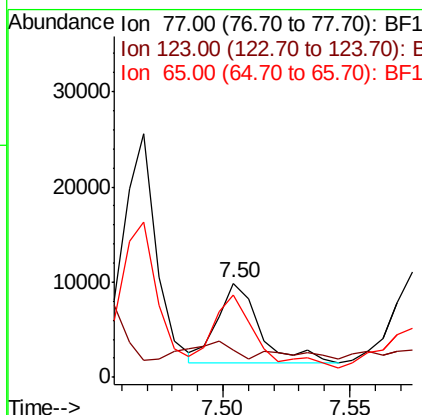
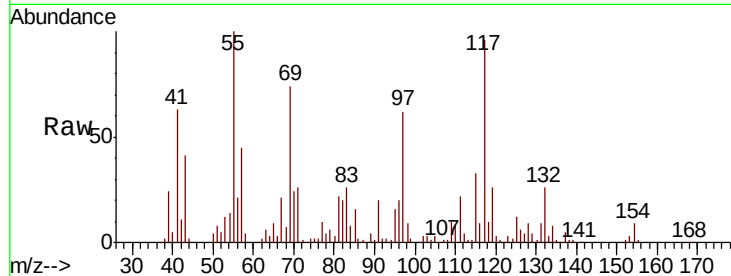




#24
Nitrobenzene
Concen: 2.473 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.03 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

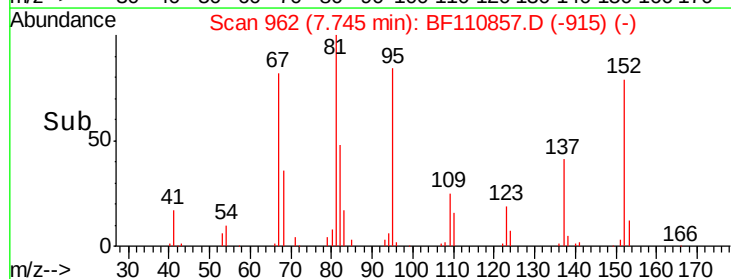
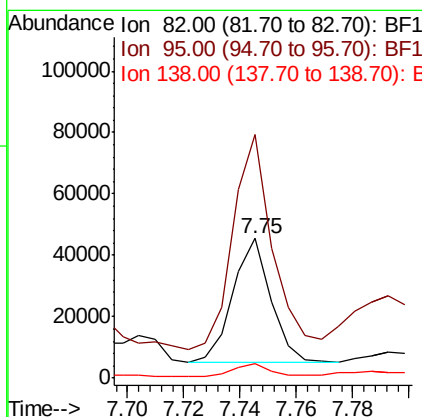
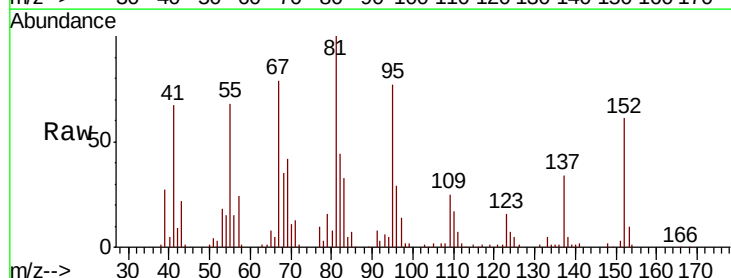
Instrument :
BNA_F
ClientSampleId :

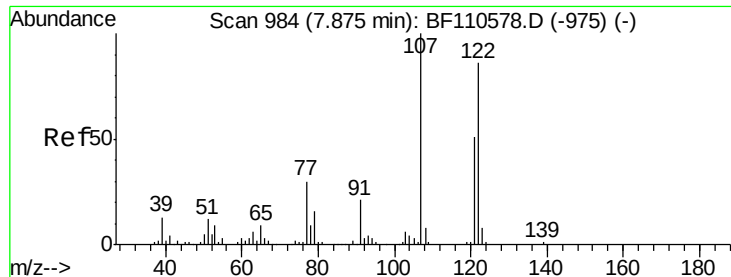
Tot Ion: 77 Resp: 9540
Ion Ratio Lower Upper
77 100
123 28.5 35.7 53.5#
65 88.2 10.7 16.1#



#25
Isophorone
Concen: 6.217 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.02 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion: 82 Resp: 38359
Ion Ratio Lower Upper
82 100
95 174.2 5.7 8.5#
138 10.2 13.2 19.8#

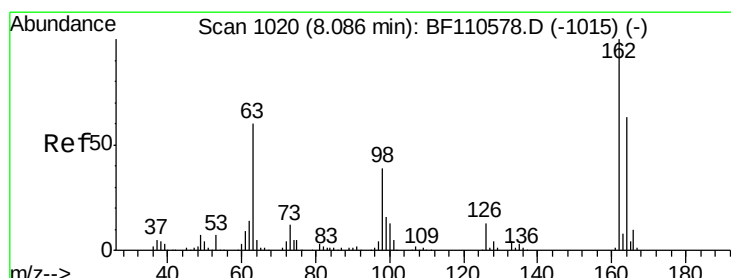
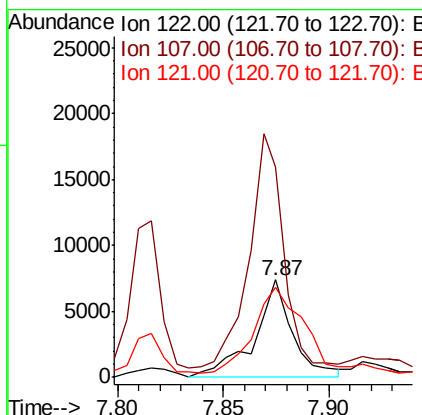
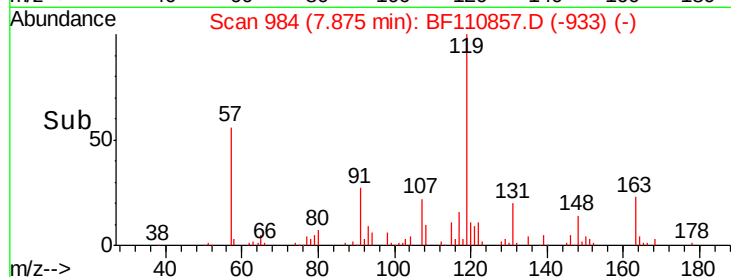
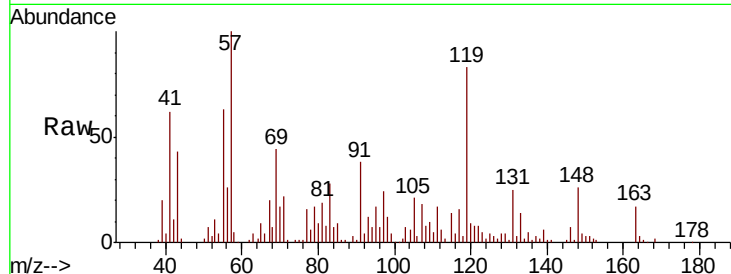




#27
2,4-Dimethylphenol
Concen: 3.179 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

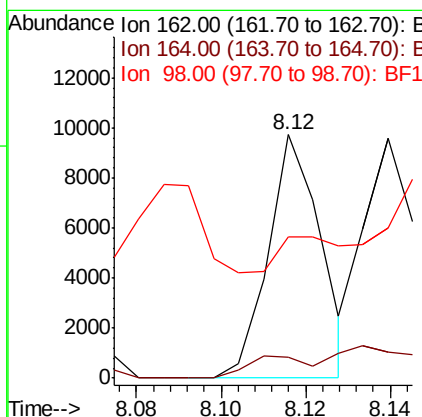
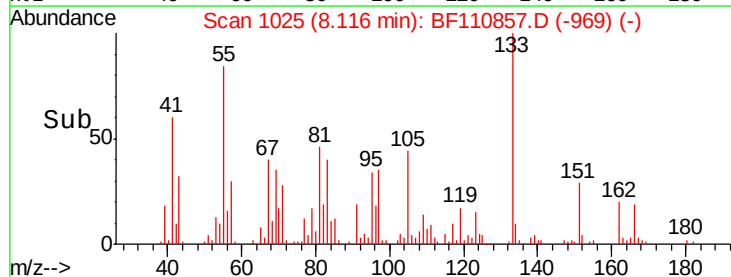
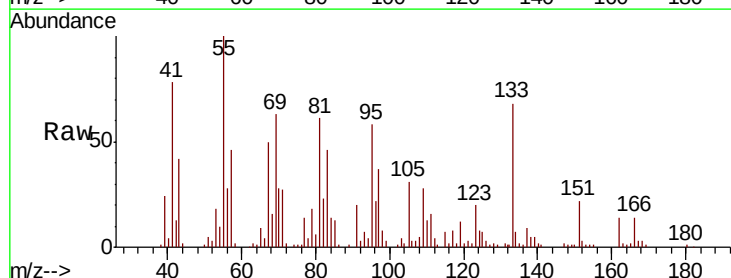
Instrument :
BNA_F
ClientSampled :

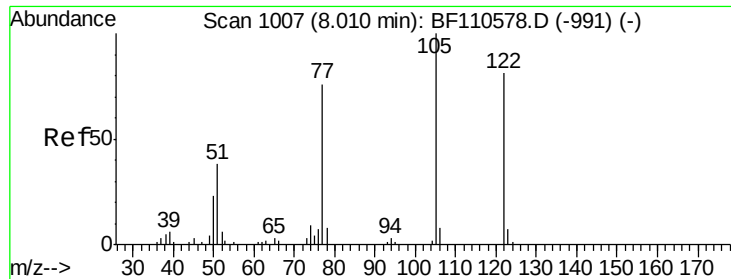
Tot Ion:122 Resp: 9317
Ion Ratio Lower Upper
122 100
107 216.3 92.5 138.7#
121 92.6 45.8 68.8#



#29
2,4-Dichlorophenol
Concen: 2.796 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.03 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion:162 Resp: 8431
Ion Ratio Lower Upper
162 100
164 8.7 44.6 84.6#
98 58.0 17.4 57.4#

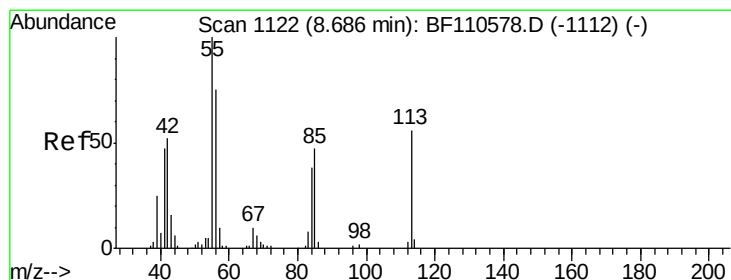
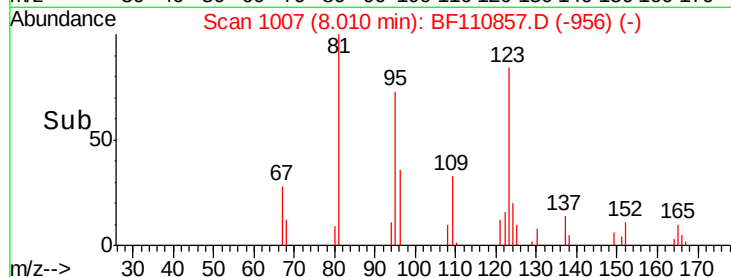
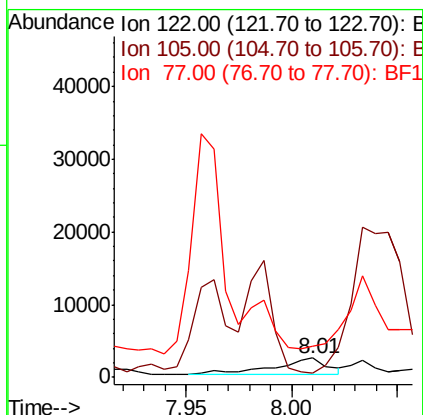
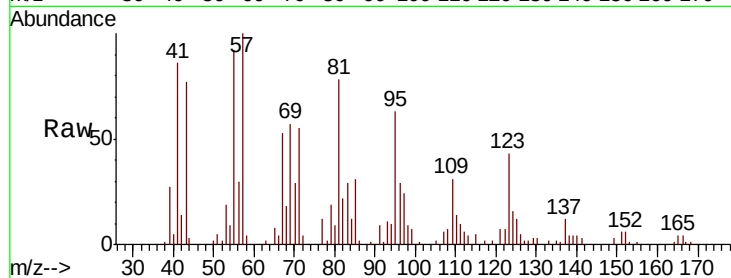




#32
Benzoic acid
Concen: 2.064 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

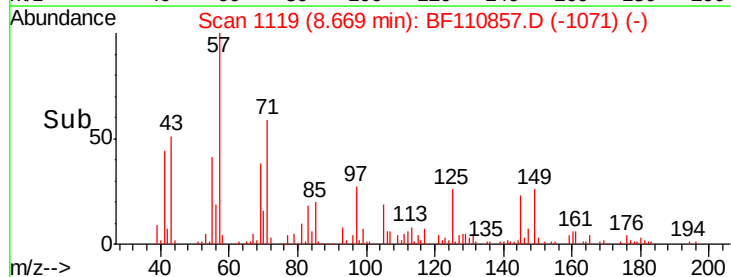
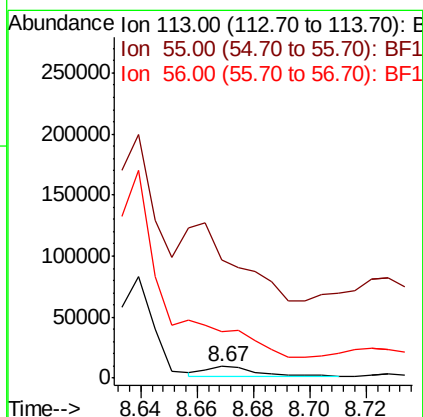
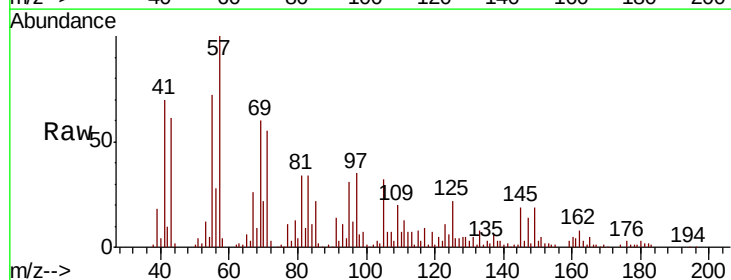
Instrument :
BNA_F
ClientSampleId :

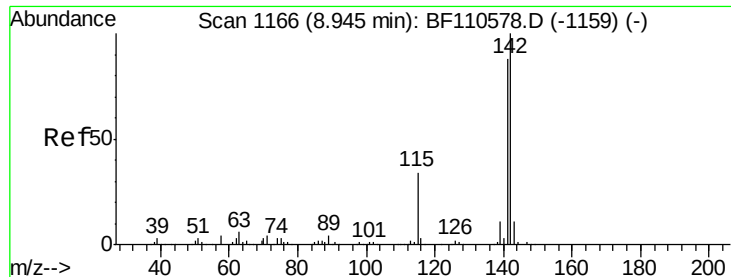
Tot Ion:122 Resp: 4279
Ion Ratio Lower Upper
122 100
105 22.8 109.0 149.0#
77 161.8 79.0 119.0#



#35
Caprolactam
Concen: 8.983 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion:113 Resp: 9049
Ion Ratio Lower Upper
113 100
55 996.0 142.8 182.8#
56 390.0 105.0 145.0#

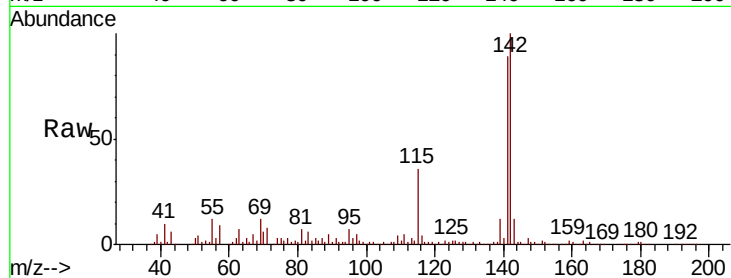




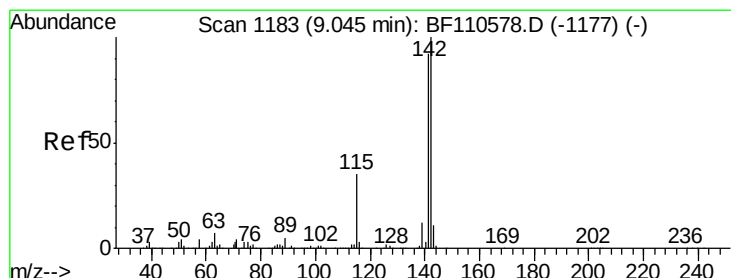
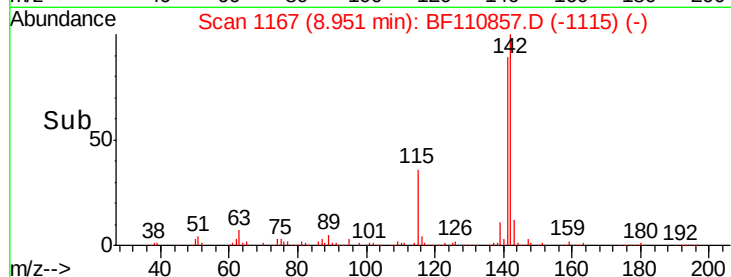
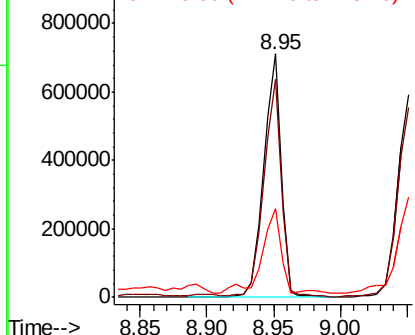
#37
2-Methylnaphthalene
Concen: 95.333 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	36.2	28.7	43.1

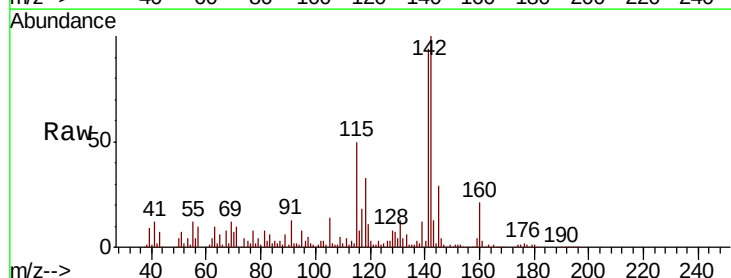


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

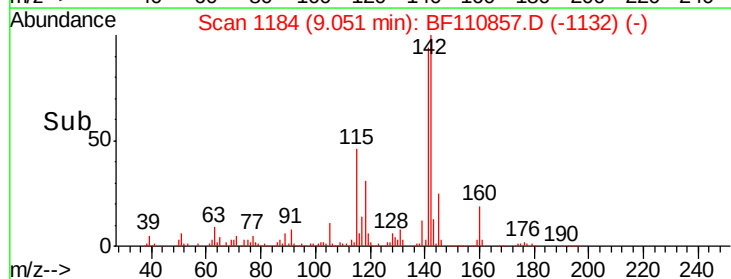
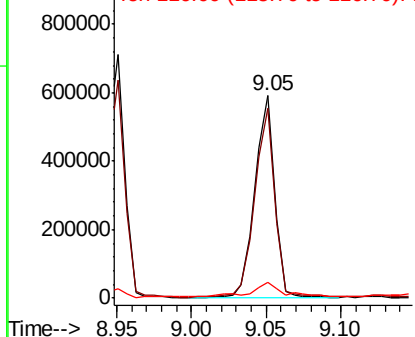


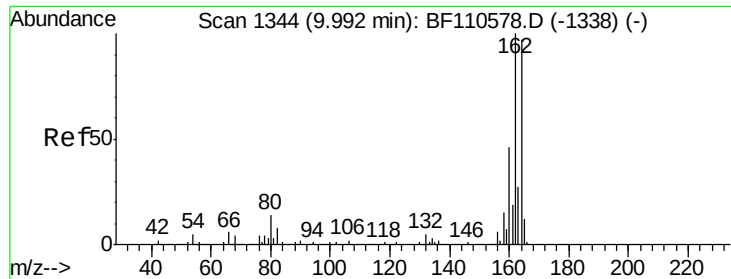
#38
1-Methylnaphthalene
Concen: 83.537 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.2	111.4
116	7.7	2.6	4.0#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

Instrument :

BNA_F

ClientSampleId :

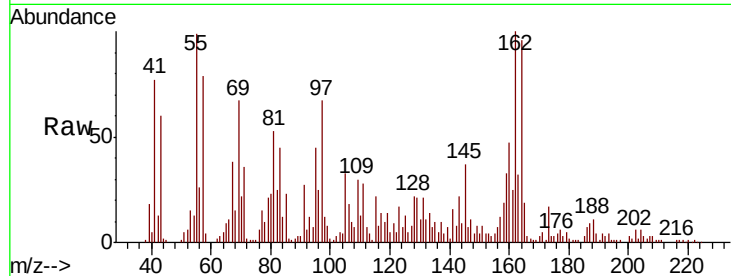
Tot Ion:164 Resp: 92417

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.6

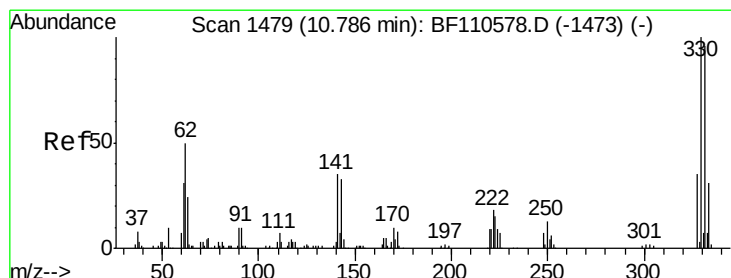
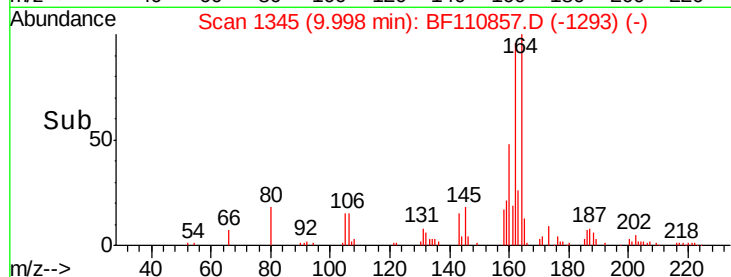
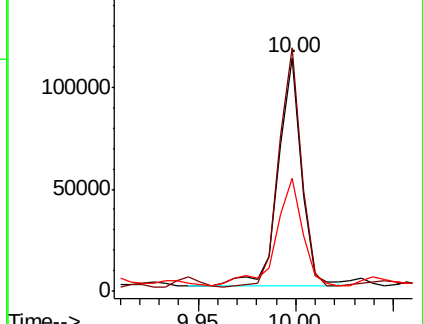
160 48.6 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 6.525 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

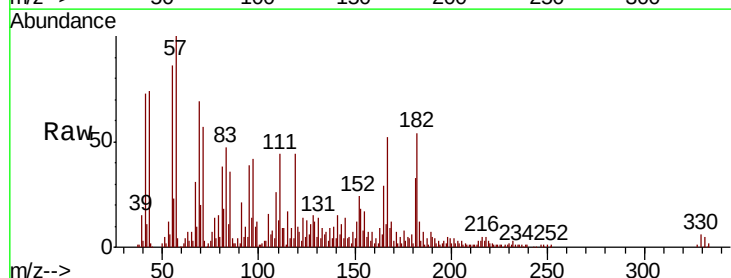
Tgt Ion:330 Resp: 6076

Ion Ratio Lower Upper

330 100

332 86.6 77.1 115.7

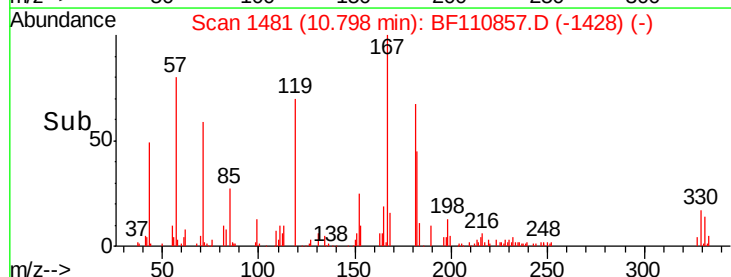
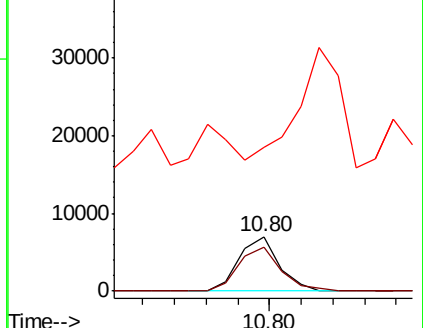
141 212.2 27.0 40.4#

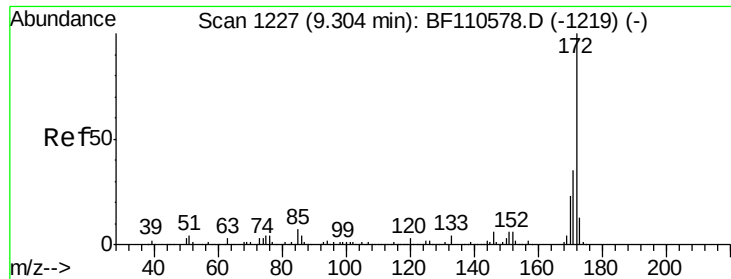


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

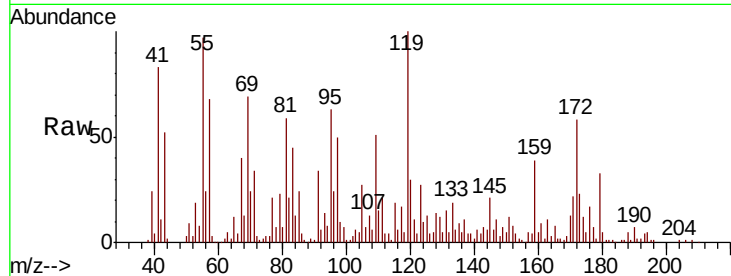




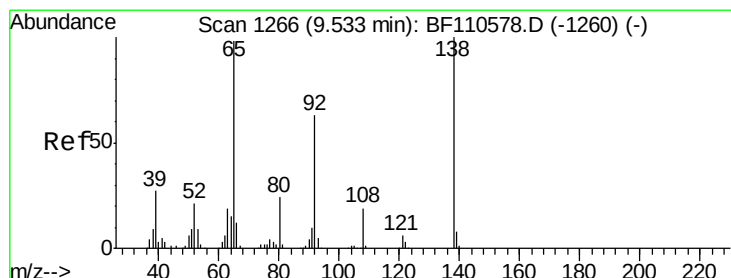
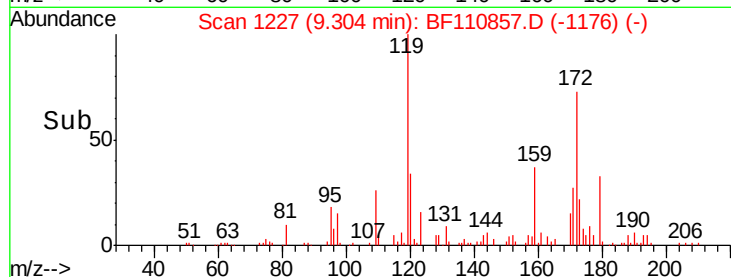
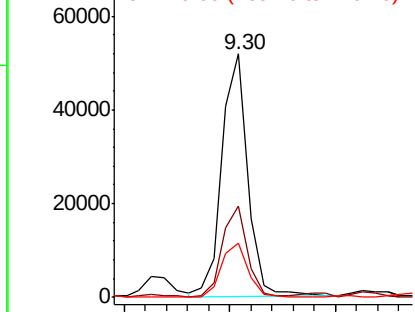
#45
2-Fluorobiphenyl
Concen: 6.756 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 43719
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 22.4 19.7 29.5

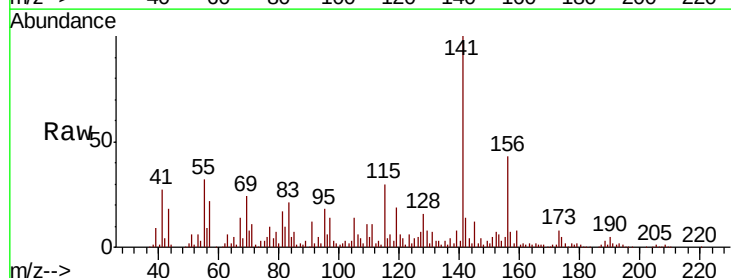


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

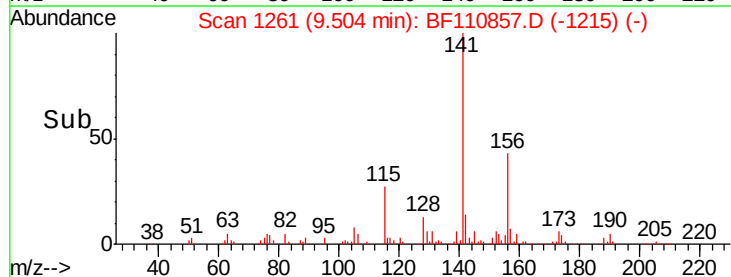
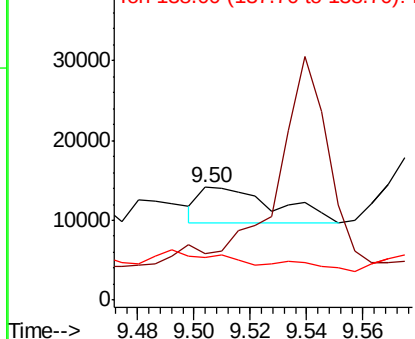


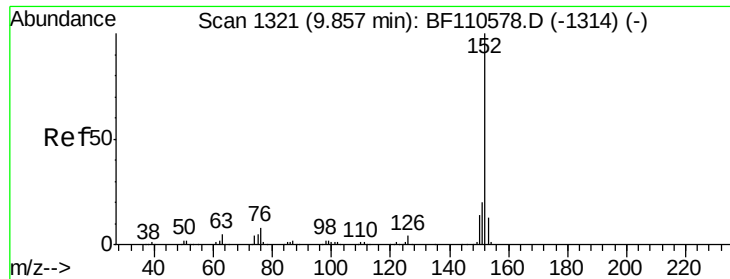
#48
2-Nitroaniline
Concen: 4.300 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.03 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion: 65 Resp: 8230
Ion Ratio Lower Upper
65 100
92 41.5 54.6 81.8#
138 38.0 80.3 120.5#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 3.186 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

Instrument :

BNA_F

ClientSampled :

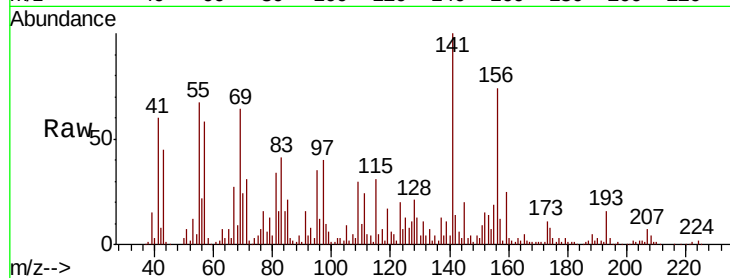
Tot Ion:152 Resp: 28501

Ion Ratio Lower Upper

152 100

151 63.6 15.8 23.8#

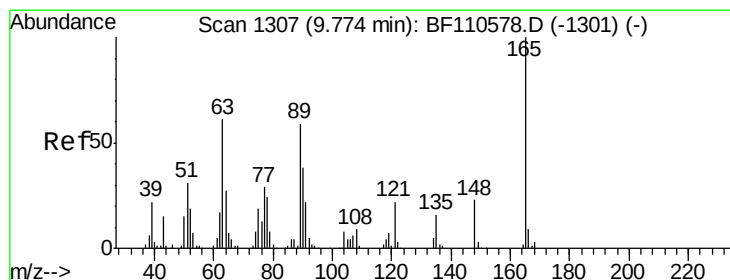
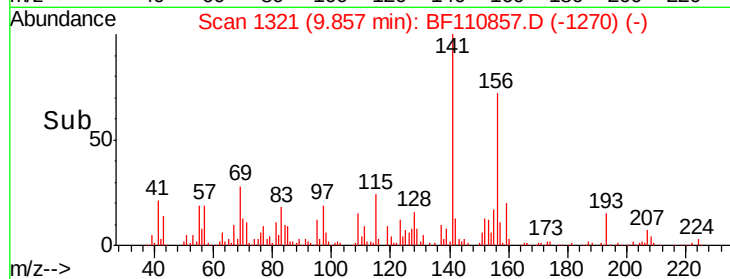
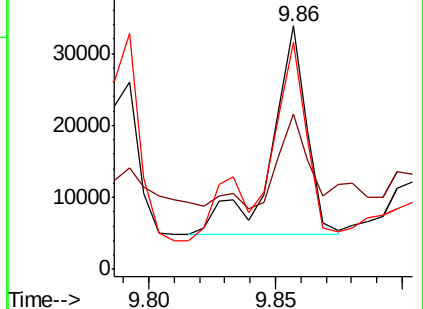
153 93.3 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

2,6-Dinitrotoluene

Concen: 2.206 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

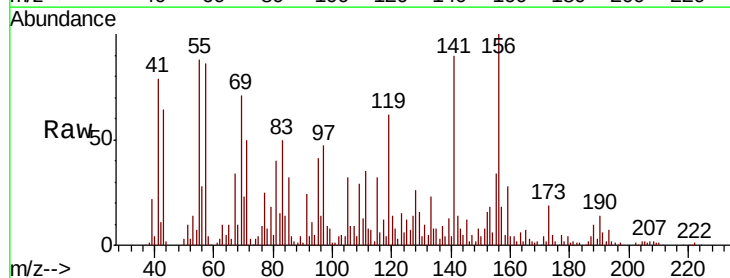
Tgt Ion:165 Resp: 3346

Ion Ratio Lower Upper

165 100

63 135.5 48.9 73.3#

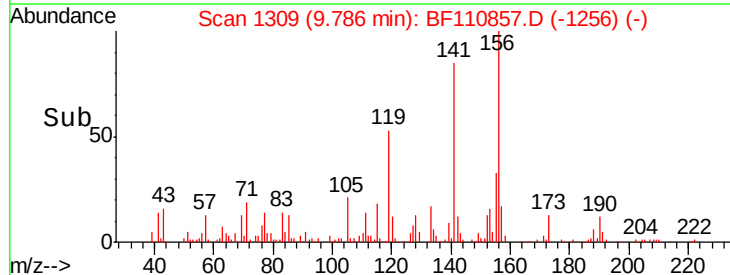
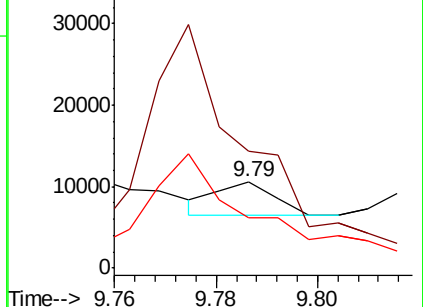
89 58.7 46.6 69.8

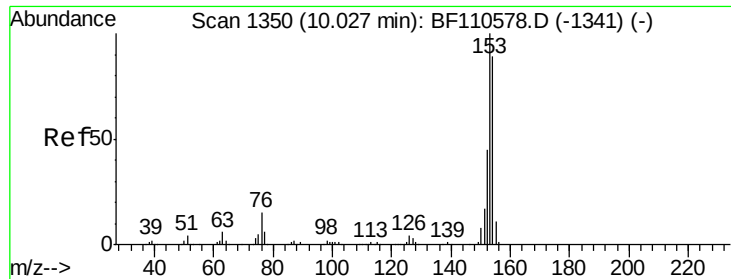


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 10.305 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

Instrument :

BNA_F

ClientSampleId :

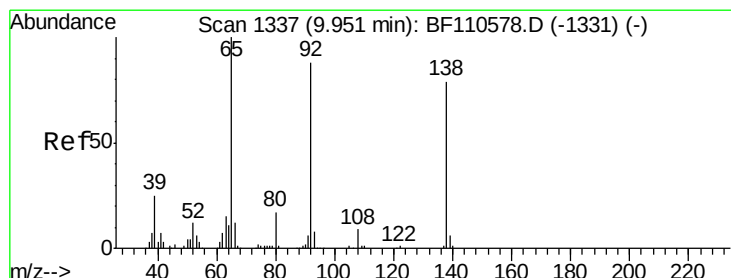
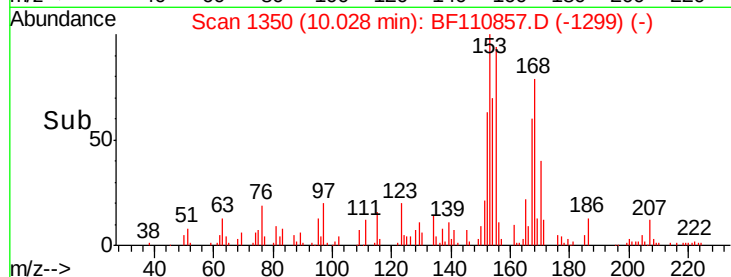
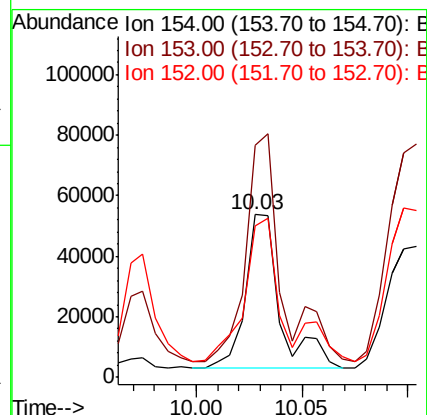
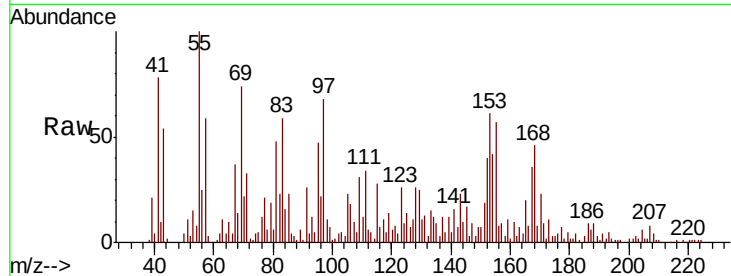
Tot Ion:154 Resp: 58249

Ion Ratio Lower Upper

154 100

153 143.1 90.1 135.1#

152 93.4 43.4 65.2#



#53

3-Nitroaniline

Concen: 4.516 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

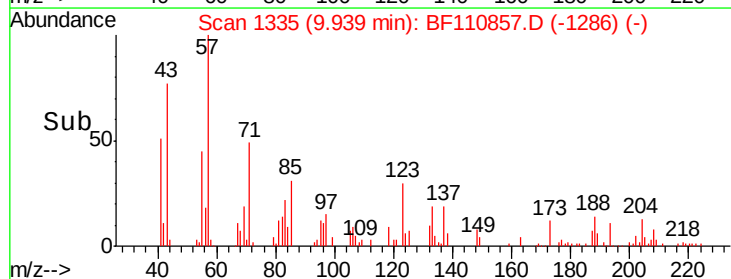
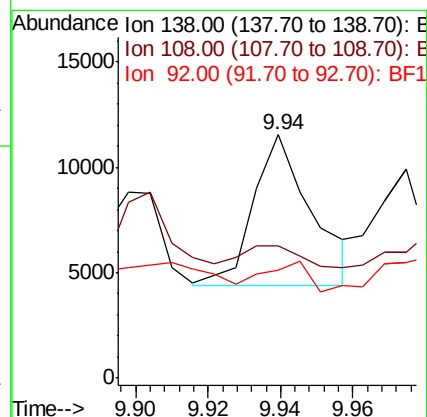
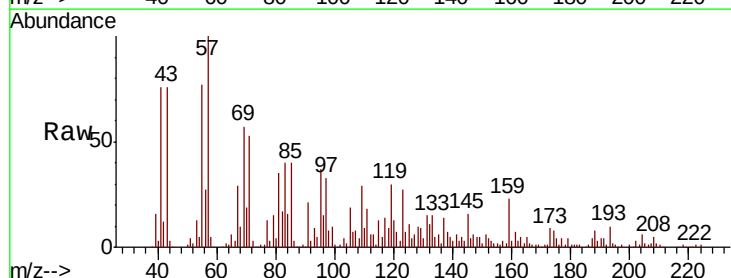
Tgt Ion:138 Resp: 7936

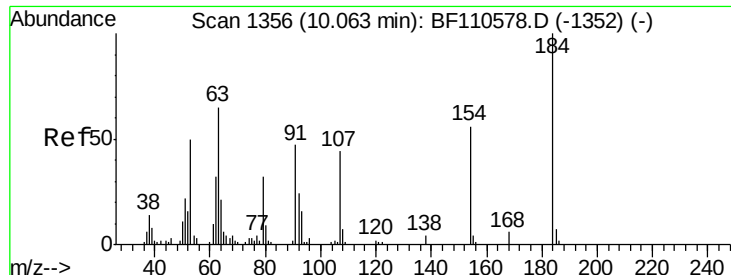
Ion Ratio Lower Upper

138 100

108 54.4 8.7 13.1#

92 44.3 97.0 145.4#

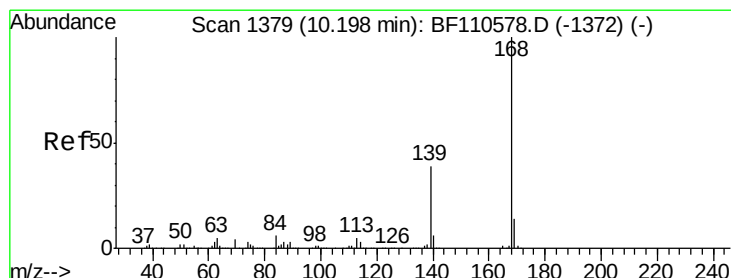
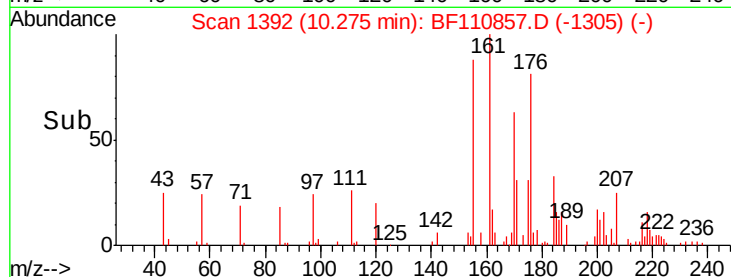
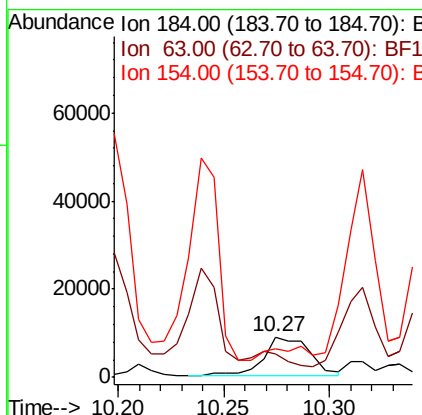
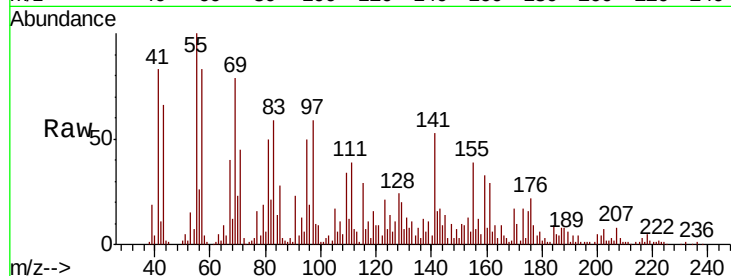




#54
 2,4-Dinitrophenol
 Concen: 26.053 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.21 min
 Lab File: BF110857.D
 Acq: 19 Nov 2018 17:05

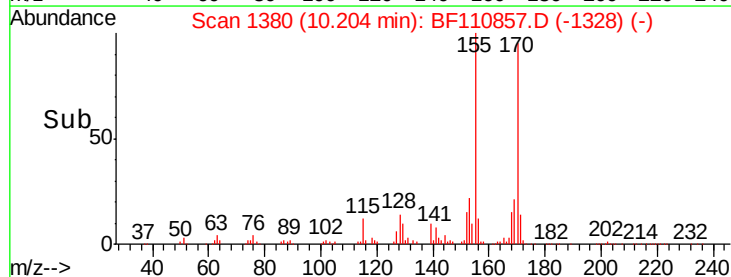
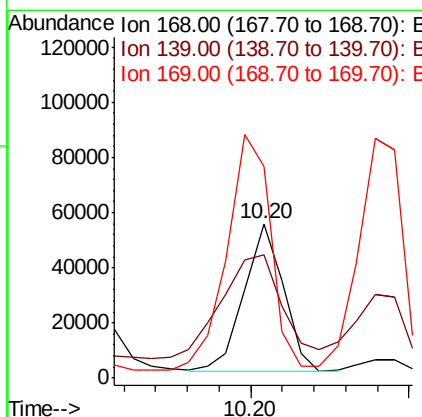
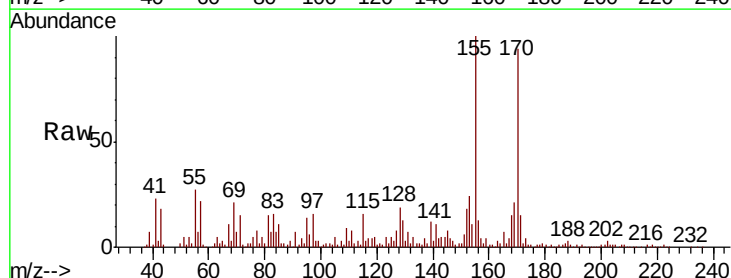
Instrument :
 BNA_F
 ClientSampleId :

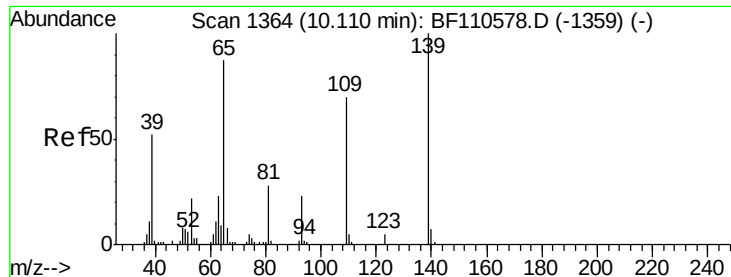
Tot Ion:184 Resp: 13708
 Ion Ratio Lower Upper
 184 100
 63 56.7 55.8 83.6
 154 70.8 63.2 94.8



#55
 Dibenzofuran
 Concen: 5.624 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: BF110857.D
 Acq: 19 Nov 2018 17:05

Tgt Ion:168 Resp: 46513
 Ion Ratio Lower Upper
 168 100
 139 79.9 33.0 49.6#
 169 136.8 11.3 16.9#

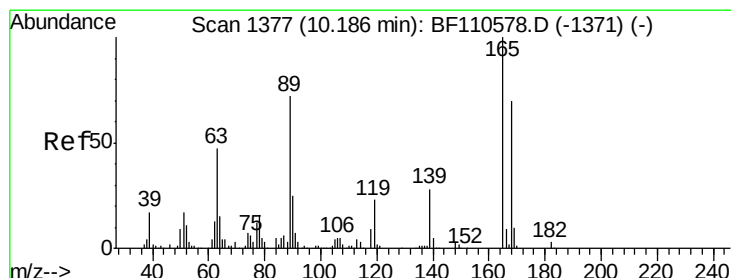
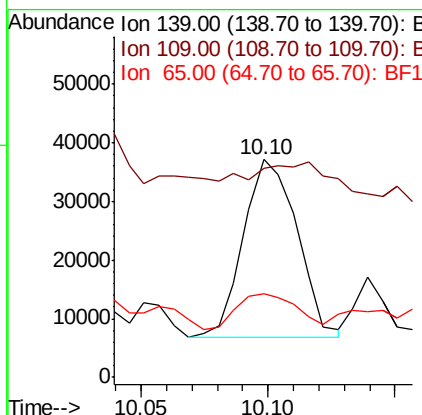
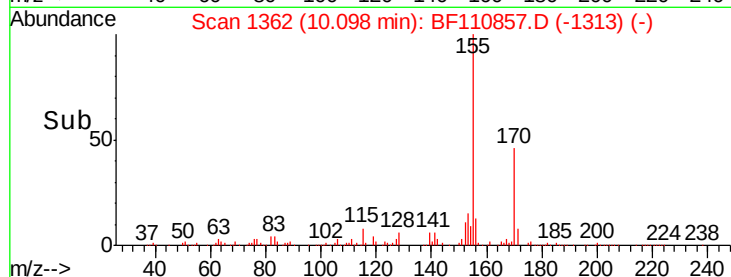
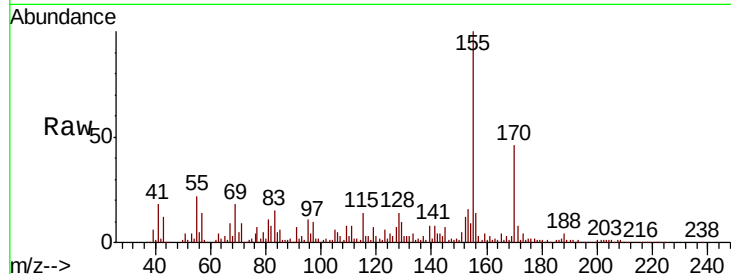




#56
4-Nitrophenol
Concen: 38.010 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

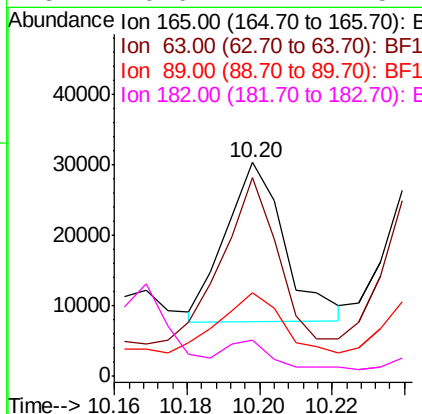
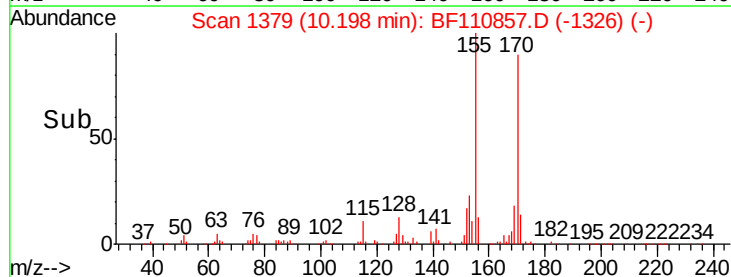
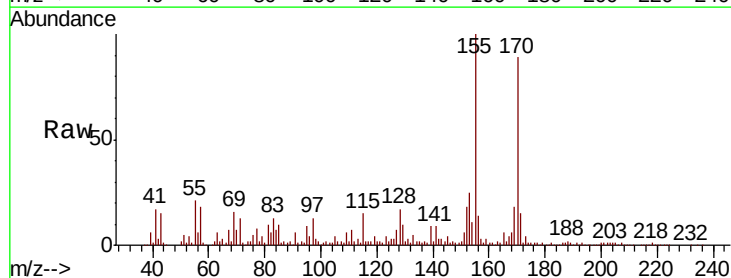
Instrument :
BNA_F
ClientSampled :

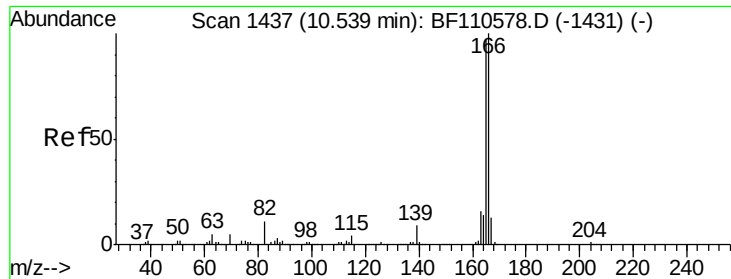
Tot Ion:139 Resp: 44318
Ion Ratio Lower Upper
139 100
109 96.1 55.8 95.8#
65 38.4 77.9 117.9#



#57
2,4-Dinitrotoluene
Concen: 12.967 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion:165 Resp: 25576
Ion Ratio Lower Upper
165 100
63 92.7 44.8 67.2#
89 39.2 62.2 93.4#
182 16.6 2.1 3.1#

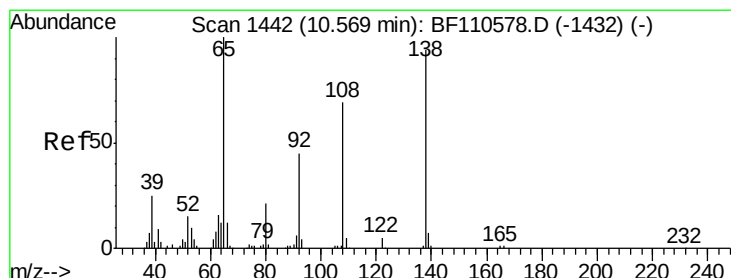
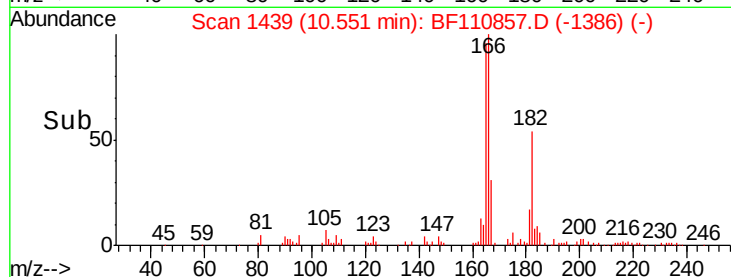
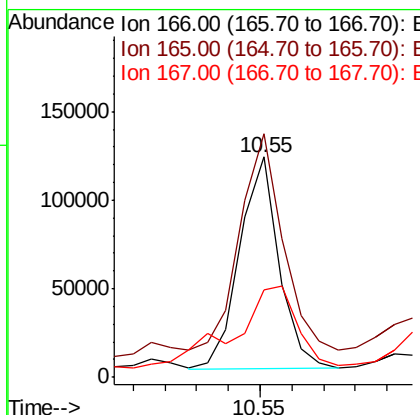
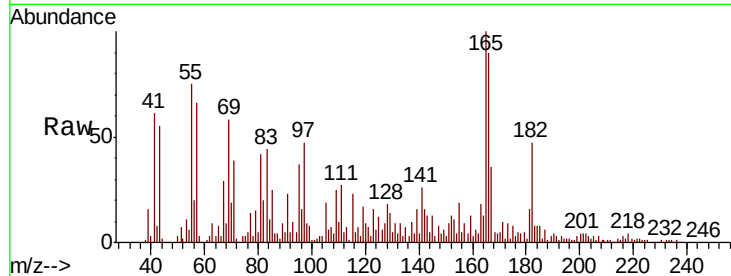




#58
 Fluorene
 Concen: 16.123 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF110857.D
 Acq: 19 Nov 2018 17:05

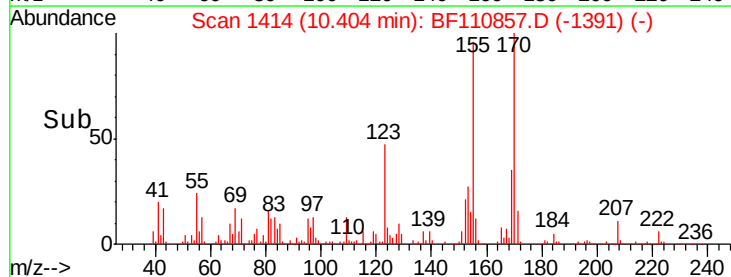
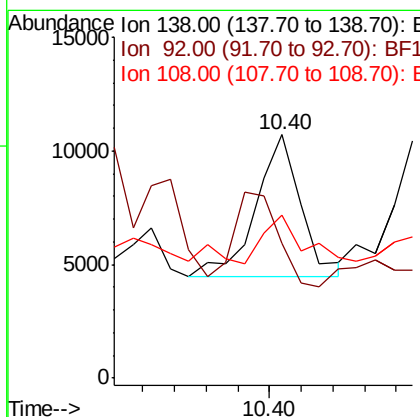
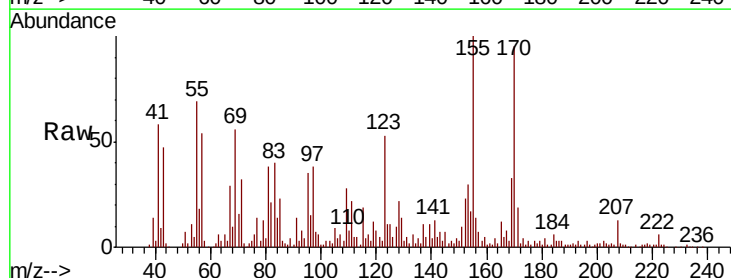
Instrument :
 BNA_F
 ClientSampleId :

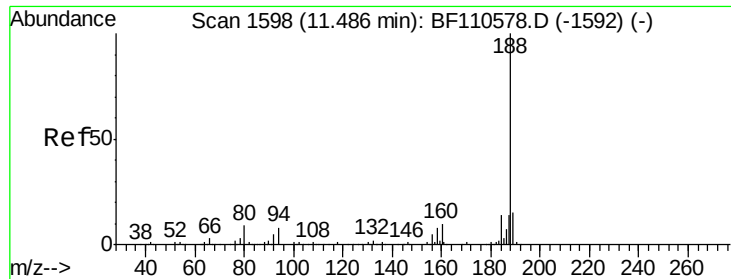
Tot Ion:166 Resp: 102424
 Ion Ratio Lower Upper
 166 100
 165 110.7 78.6 117.8
 167 39.8 10.8 16.2#



#62
 4-Nitroaniline
 Concen: 3.508 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.16 min
 Lab File: BF110857.D
 Acq: 19 Nov 2018 17:05

Tgt Ion:138 Resp: 6209
 Ion Ratio Lower Upper
 138 100
 92 55.5 31.7 71.7
 108 66.9 59.3 99.3

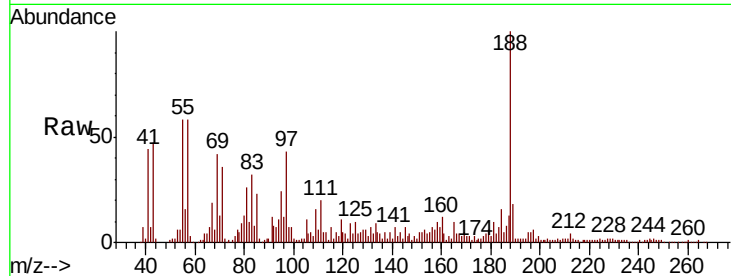




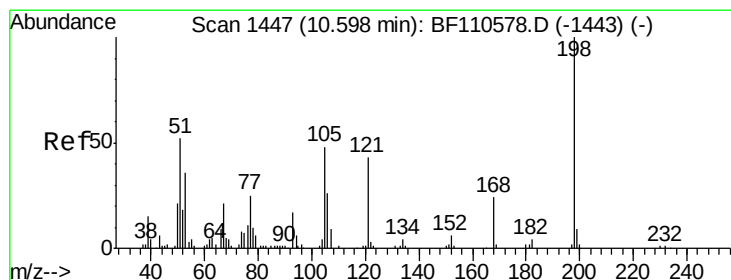
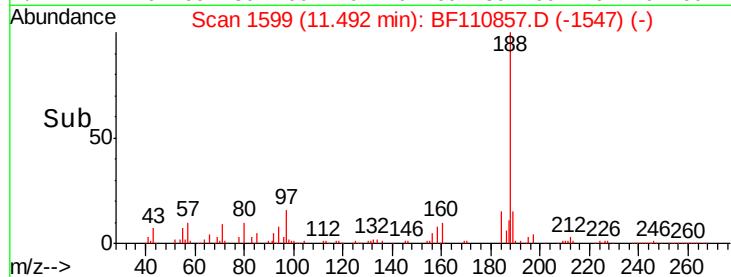
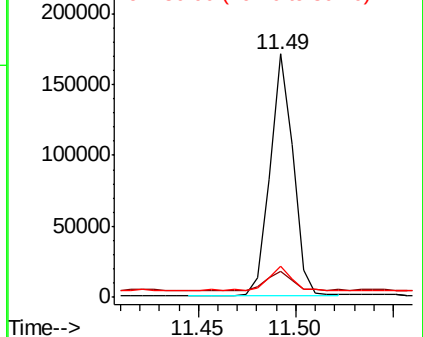
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 138906
Ion Ratio Lower Upper
188 100
94 10.9 7.2 10.8#
80 12.8 7.9 11.9#

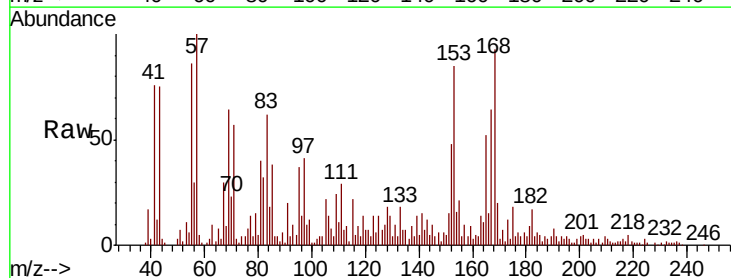


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

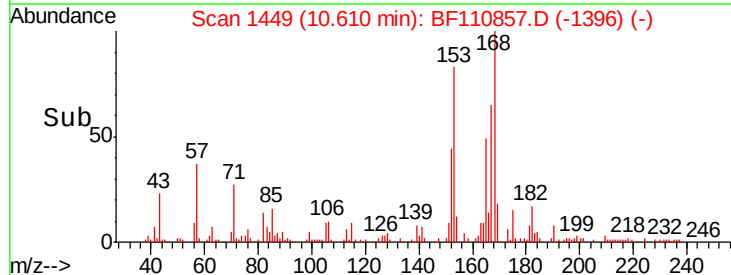
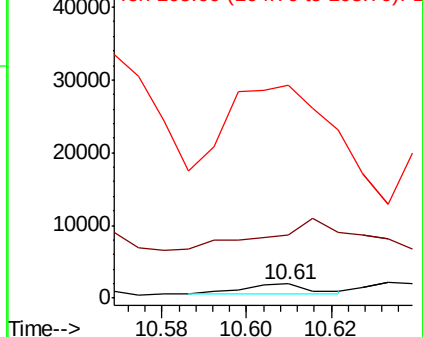


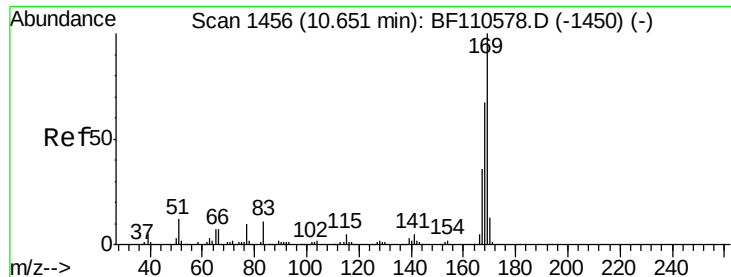
#65
4,6-Dinitro-2-methylphenol
Concen: 2.351 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion:198 Resp: 1646
Ion Ratio Lower Upper
198 100
51 447.4 22.8 62.8#
105 1502.1 23.6 63.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 38.399 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

Instrument :

BNA_F

ClientSampleId :

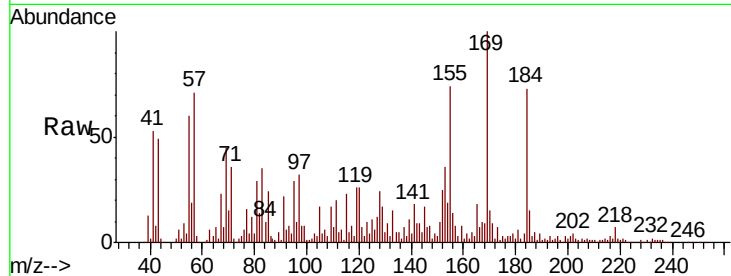
Tot Ion:169 Resp: 179788

Ion Ratio Lower Upper

169 100

168 9.5 51.2 76.8#

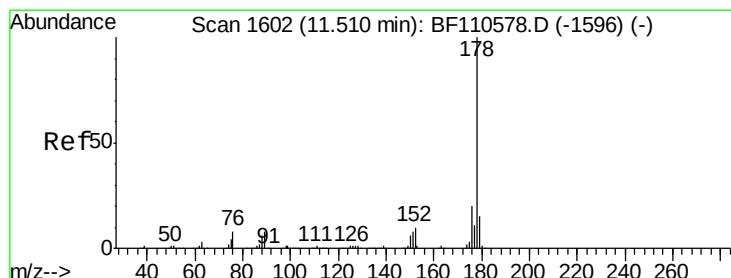
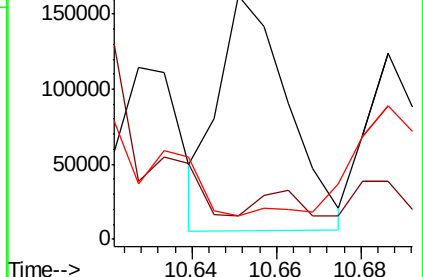
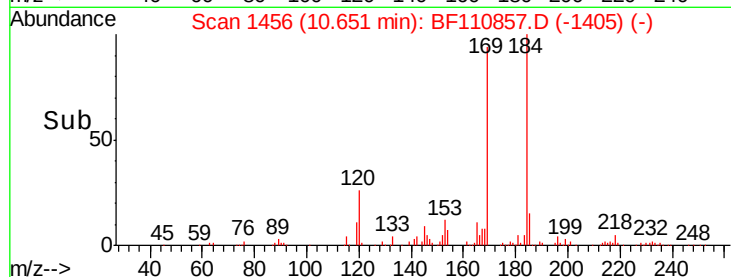
167 9.9 27.8 41.6#



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



#71

Phenanthrene

Concen: 38.667 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

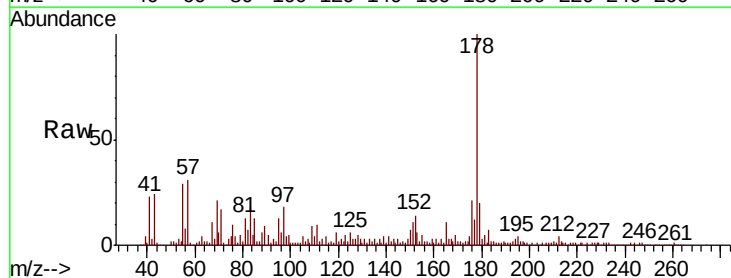
Tgt Ion:178 Resp: 287753

Ion Ratio Lower Upper

178 100

176 20.5 15.5 23.3

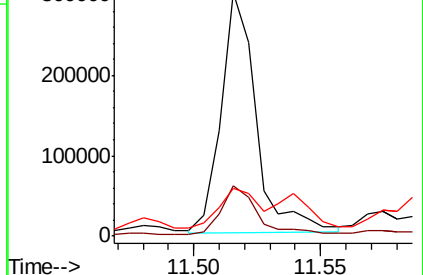
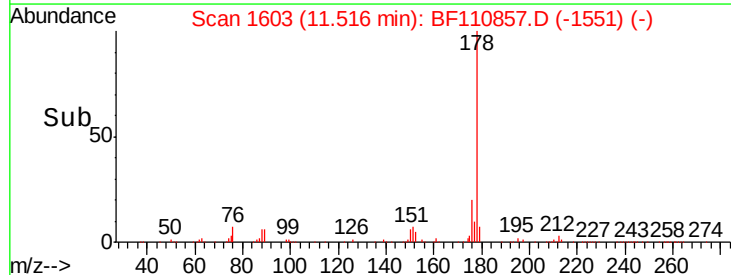
179 19.7 12.5 18.7#

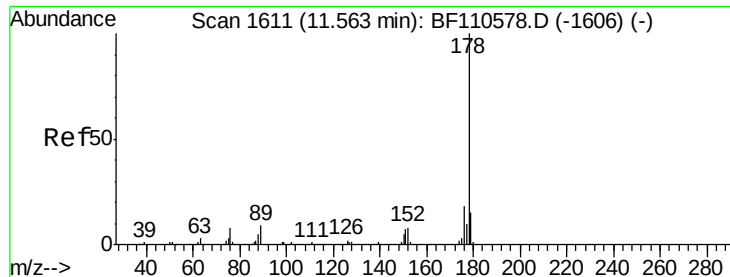


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 3.211 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

Instrument :

BNA_F

ClientSampleId :

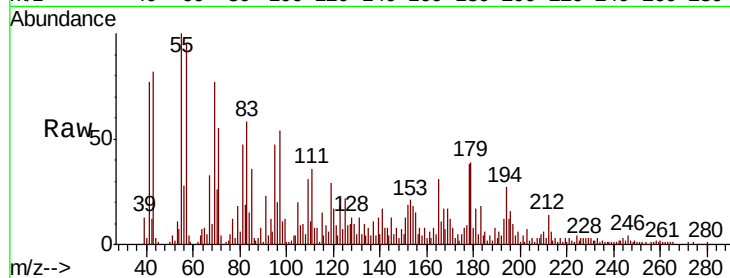
Tot Ion:178 Resp: 24102

Ion Ratio Lower Upper

178 100

176 21.5 15.4 23.2

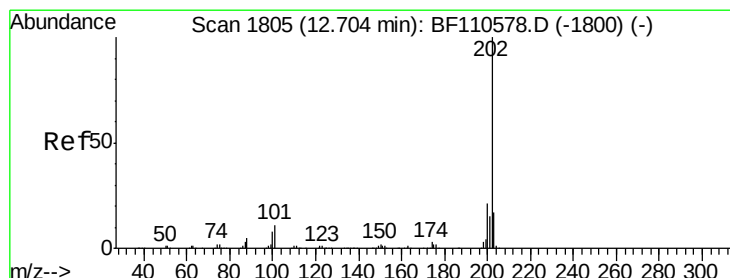
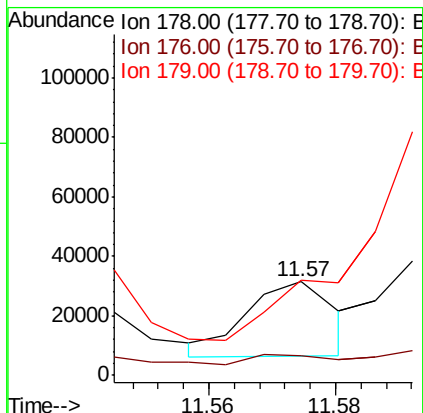
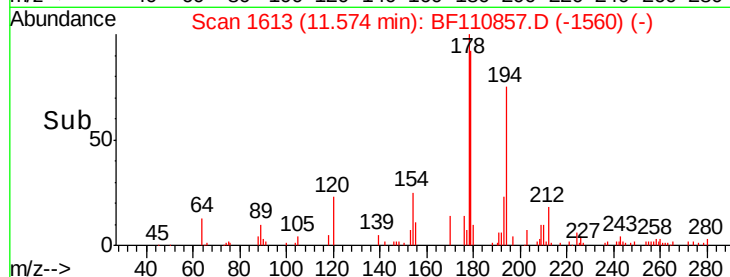
179 102.4 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 5.045 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.24 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

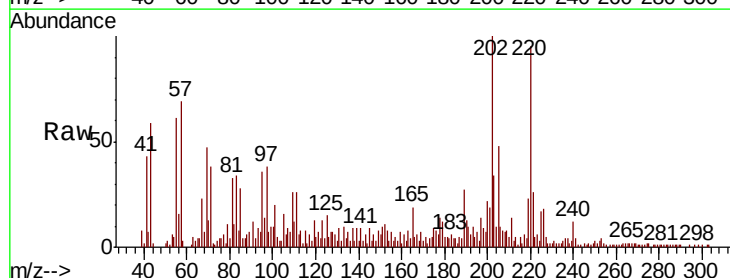
Tgt Ion:202 Resp: 37644

Ion Ratio Lower Upper

202 100

101 20.4 0.0 31.4

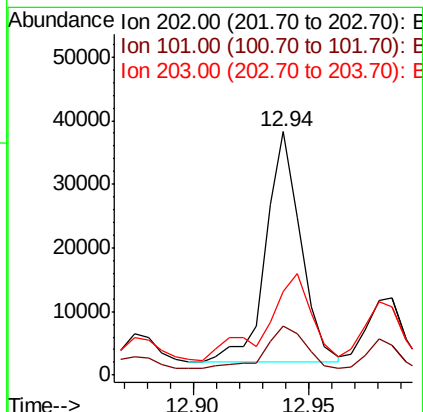
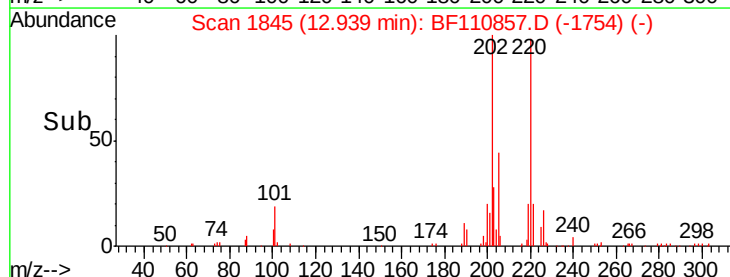
203 34.4 0.0 37.7

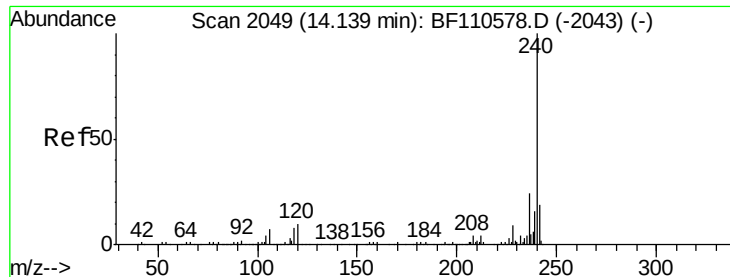


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

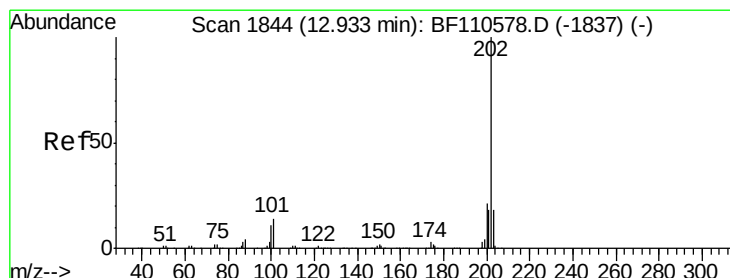
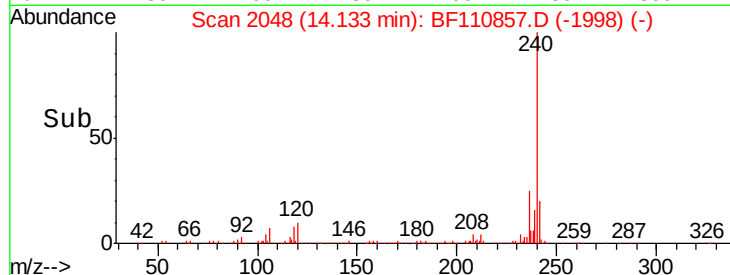
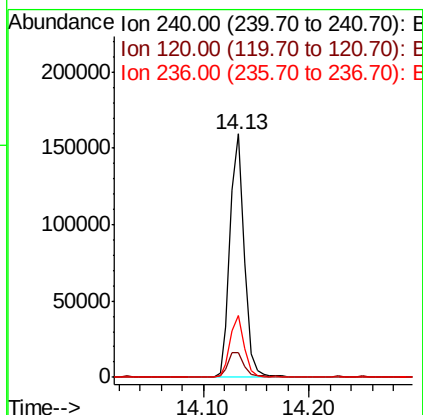
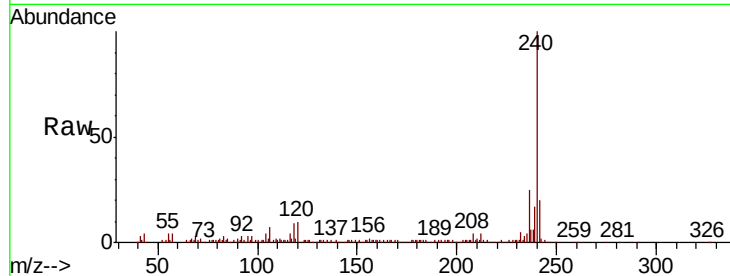




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

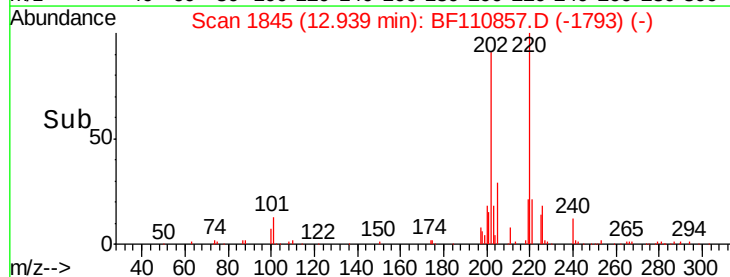
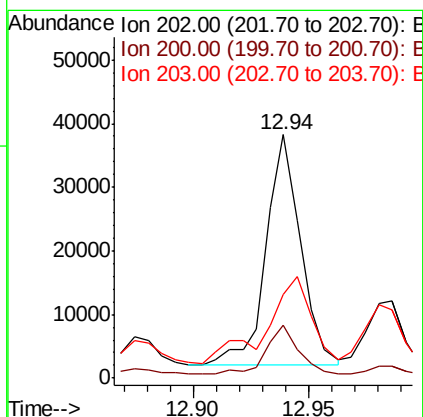
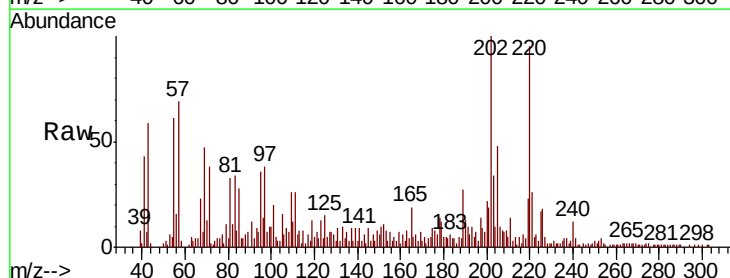
Instrument :
BNA_F
ClientSampleId :

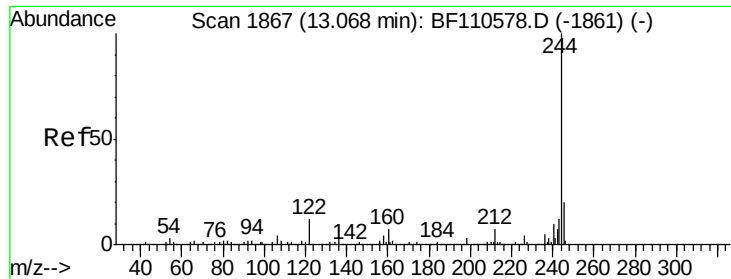
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	25.3	21.2	31.8



#78
Pyrene
Concen: 3.273 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF110857.D
Acq: 19 Nov 2018 17:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	34.4	14.2	21.4





#79

Terphenyl-d14

Concen: 4.698 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

Instrument :

BNA_F

ClientSampleId :

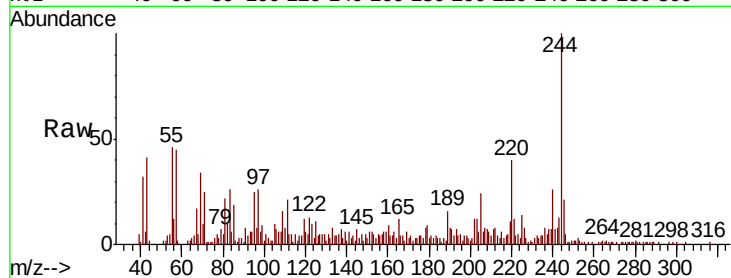
Tot Ion:244 Resp: 37471

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

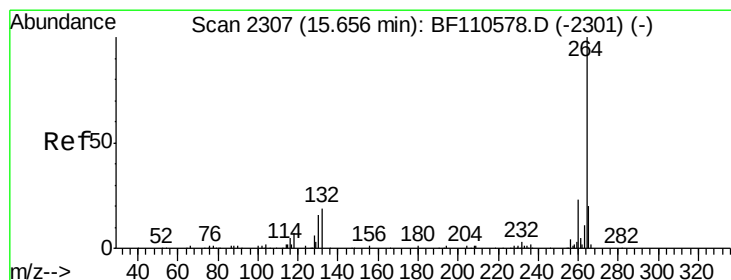
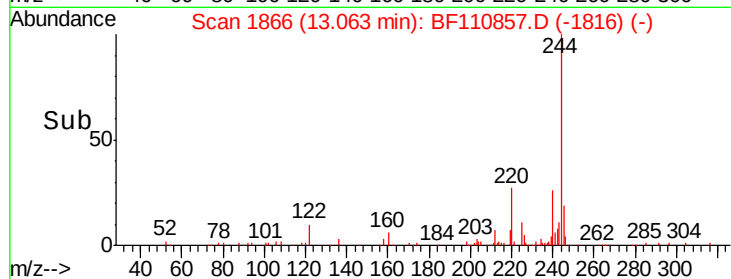
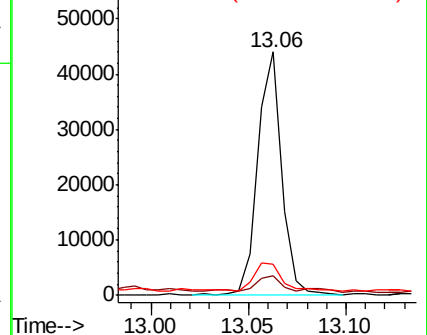
122 12.7 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110857.D

Acq: 19 Nov 2018 17:05

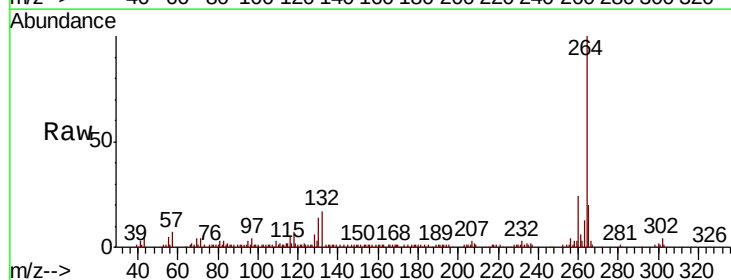
Tgt Ion:264 Resp: 108247

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 20.2 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

