

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109916.D
 Acq On : 17 Oct 2018 11:31
 Operator : JU/SJ
 Sample : J5540-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 12:53:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	269869	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1080346	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	515553	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	968285	20.00	ng	0.00
76) Chrysene-d12	14.16	240	594575	20.00	ng	0.00
87) Perylene-d12	15.69	264	546443	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	653744	38.40	ng	0.00
7) Phenol-d6	6.59	99	505619	23.92	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1157504	72.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.82	330	341998	76.62	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1998797	61.86	ng	0.00
79) Terphenyl-d14	13.10	244	1938556	68.47	ng	0.00

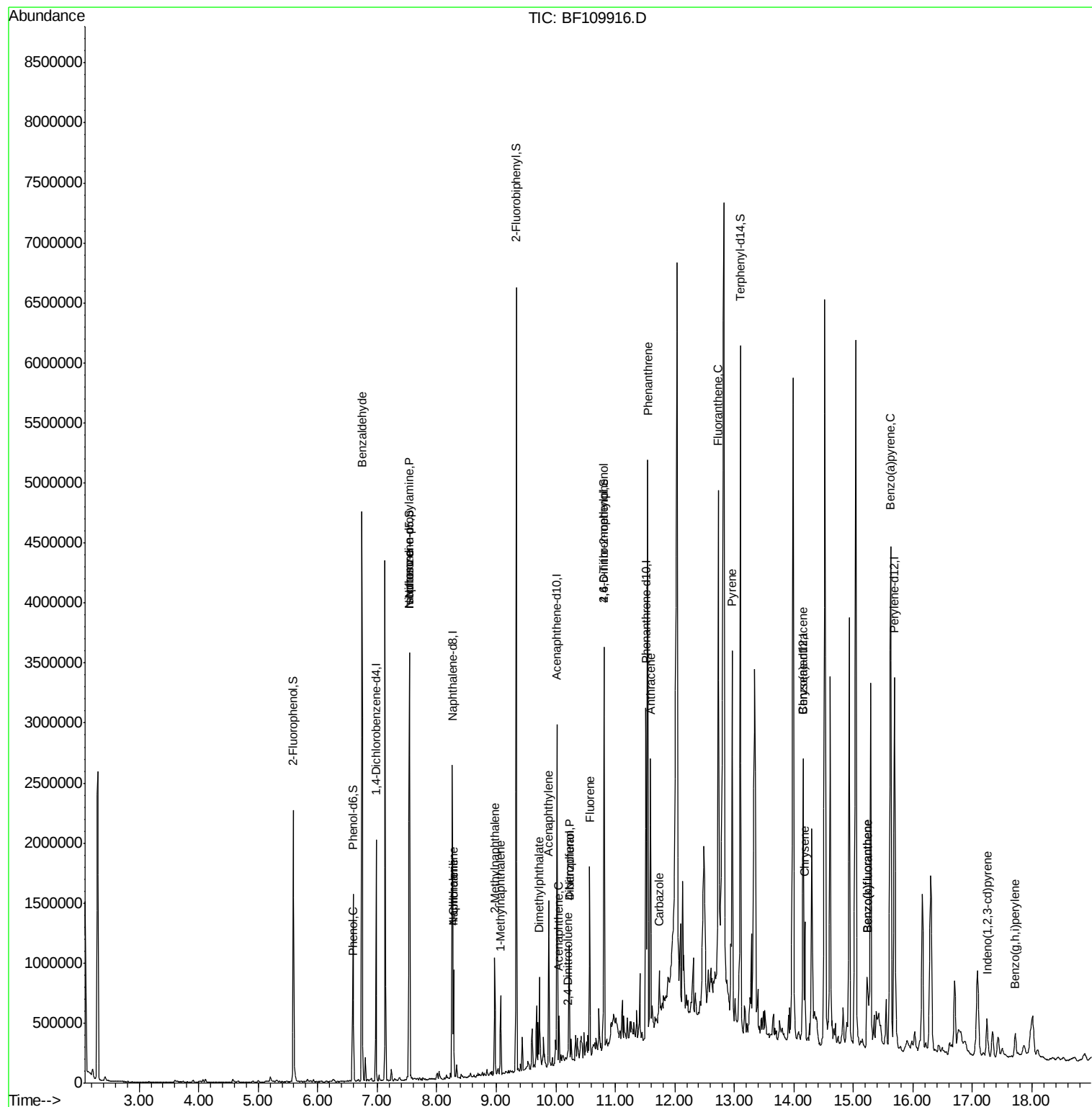
Target Compounds				Qvalue		
9) Benzaldehyde	6.75	77	27881	2.029	ng	82
10) Phenol	6.60	94	126373	5.537	ng	# 59
19) n-Nitroso-di-n-propylamine	7.54	70	158029	11.642	ng	# 82
25) Isophorone	7.54	82	1155210	36.659	ng	# 67
31) Naphthalene	8.29	128	380756	7.686	ng	99
33) 4-Chloroaniline	8.29	127	48883	2.195	ng	# 34
37) 2-Methylnaphthalene	8.97	142	224683	7.004	ng	97
38) 1-Methylnaphthalene	9.07	142	157013	5.051	ng	100
49) Acenaphthylene	9.88	152	515266	10.483	ng	98
50) Dimethylphthalate	9.73	163	256567	7.028	ng	99
52) Acenaphthene	10.05	154	72965	2.332	ng	98
55) Dibenzofuran	10.23	168	346944	7.774	ng	94
56) 4-Nitrophenol	10.23	139	129242	20.082	ng	# 7
57) 2,4-Dinitrotoluene	10.20	165	4054	5.002	ng	# 53
58) Fluorene	10.57	166	430265	13.244	ng	99
65) 4,6-Dinitro-2-methylphenol	10.81	198	1030	8.150	ng	# 1
71) Phenanthrene	11.54	178	1949575	38.891	ng	99
72) Anthracene	11.59	178	848099	16.828	ng	99
73) Carbazole	11.74	167	152638	3.082	ng	99
75) Fluoranthene	12.73	202	1474614	29.446	ng	97
78) Pyrene	12.96	202	1218679	27.907	ng	98
81) Benzo(a)anthracene	14.15	228	470876	13.445	ng	# 86
83) Chrysene	14.19	228	358447	10.753	ng	97
86) Indeno(1,2,3-cd)pyrene	17.24	276	184740	6.883	ng	97
88) Benzo(b)fluoranthene	15.23	252	506980	16.093	ng	# 94
89) Benzo(k)fluoranthene	15.23	252	506980	16.327	ng	# 93
90) Benzo(a)pyrene	15.62	252	292789	10.105	ng	# 93
92) Benzo(g,h,i)perylene	17.72	276	160735	6.195	ng	# 94

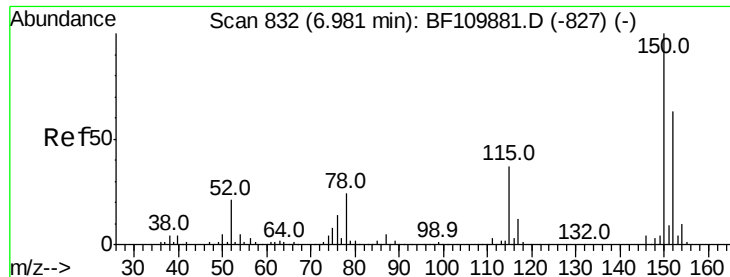
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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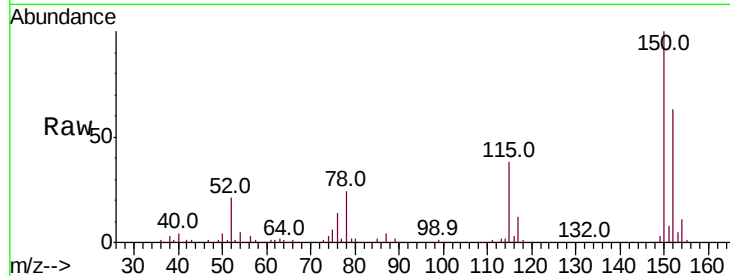


#1

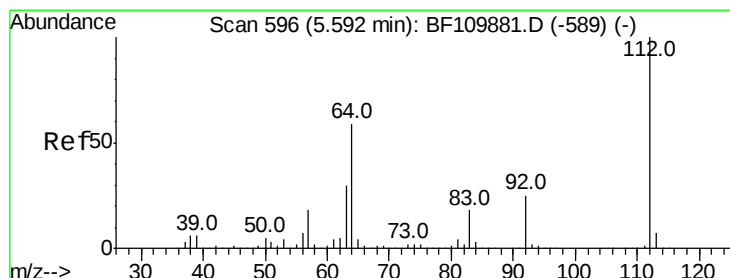
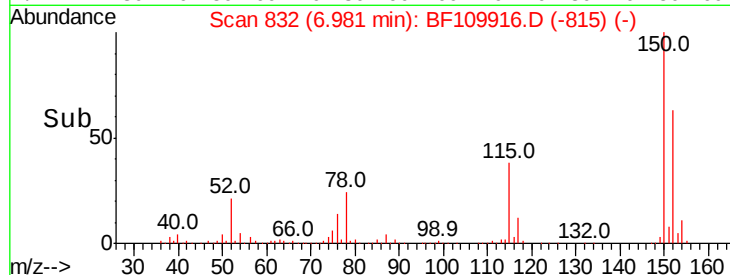
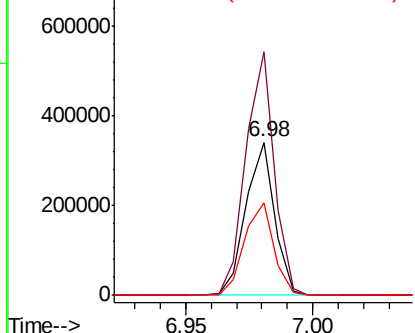
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 269869
Ion Ratio Lower Upper
152 100
150 158.9 122.7 184.1
115 60.4 49.1 73.7



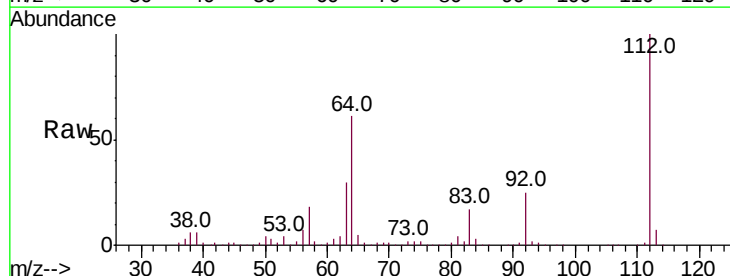
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



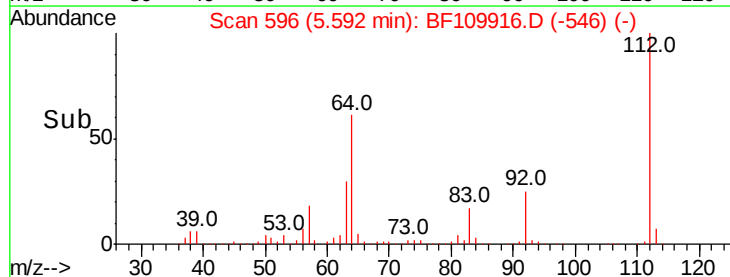
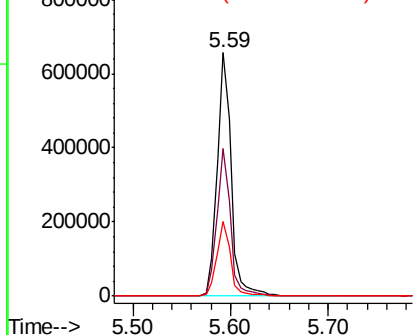
#5

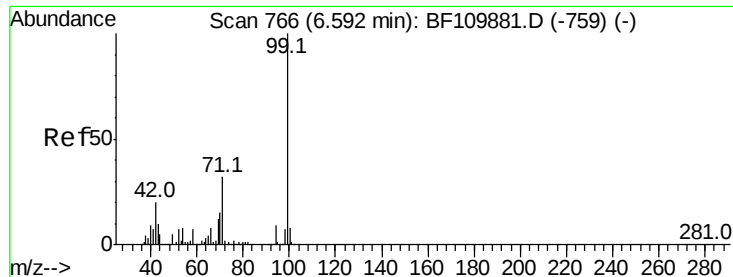
2-Fluorophenol
Concen: 38.399 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Tgt Ion:112 Resp: 653744
Ion Ratio Lower Upper
112 100
64 60.6 44.1 66.1
63 30.5 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: 23.917 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

Instrument :

BNA_F

ClientSampleId :

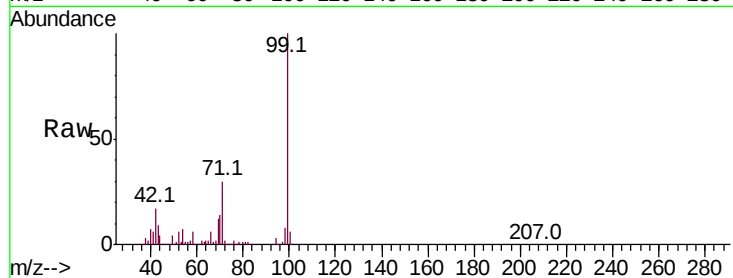
Tot Ion: 99 Resp: 505619

Ion Ratio Lower Upper

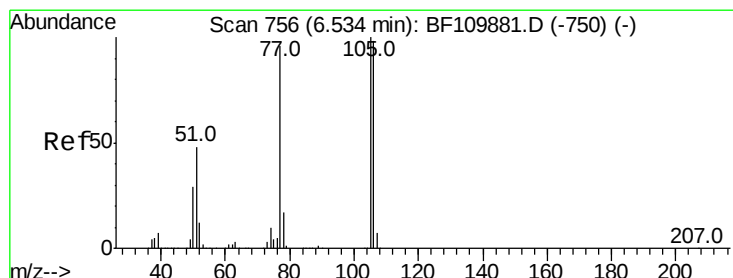
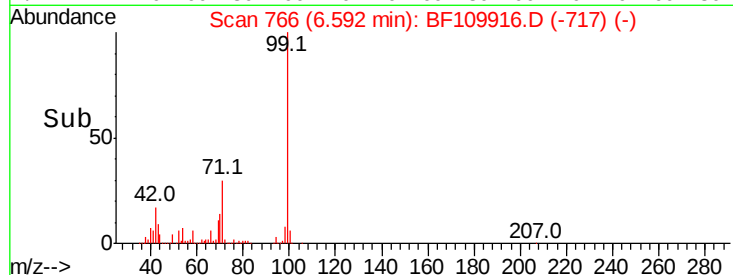
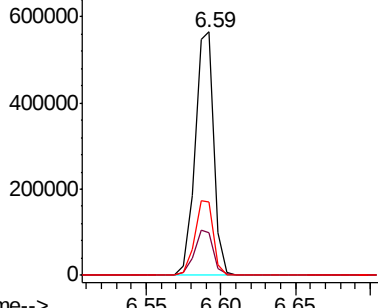
99 100

42 17.4 15.8 23.6

71 29.9 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: 2.029 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.21 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

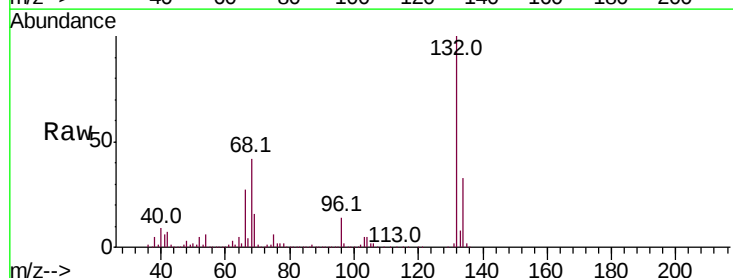
Tgt Ion: 77 Resp: 27881

Ion Ratio Lower Upper

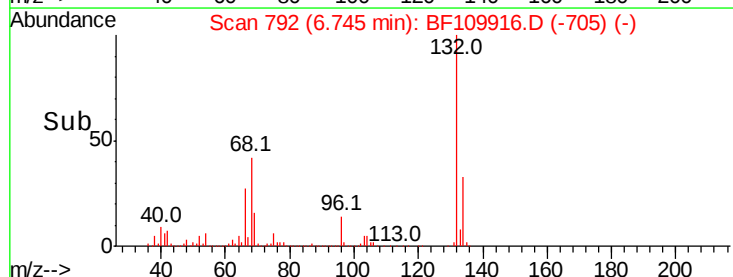
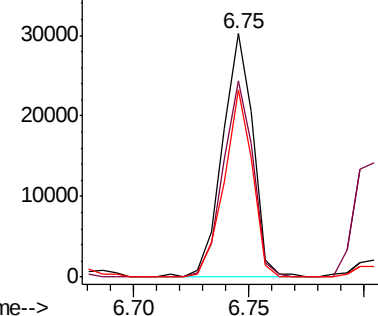
77 100

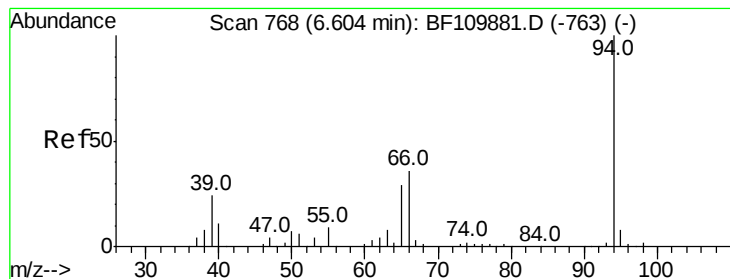
105 80.4 78.6 118.6

106 77.1 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: 5.537 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

Instrument :

BNA_F

ClientSampleId :

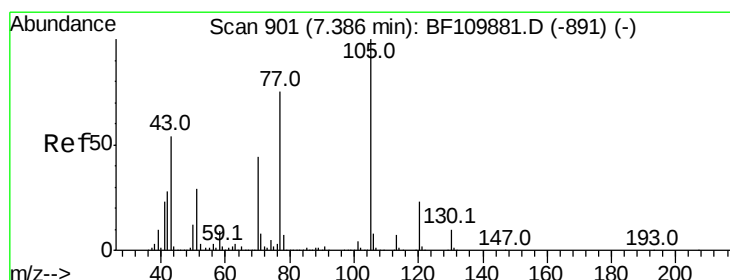
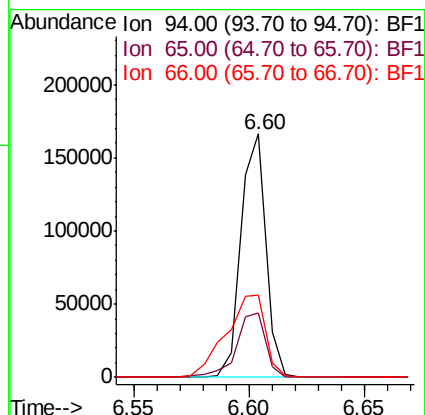
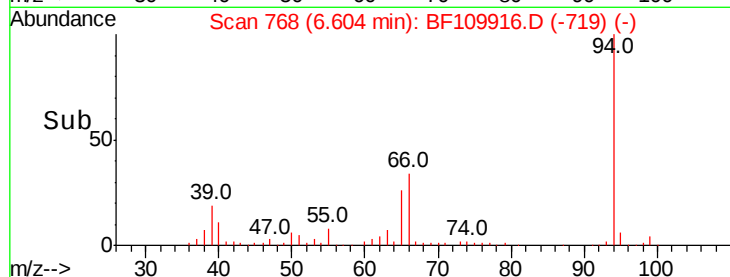
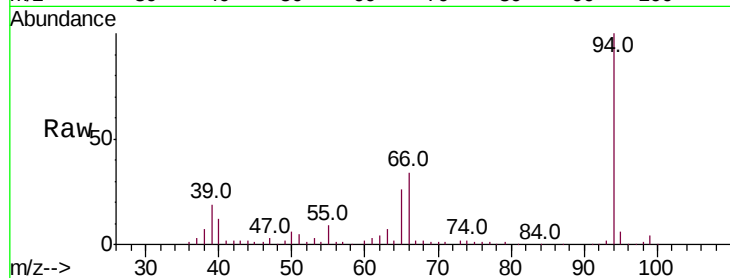
Tot Ion: 94 Resp: 126373

Ion Ratio Lower Upper

94 100

65 26.3 25.3 65.3

66 34.0 54.5 94.5#



#19

n-Nitroso-di-n-propylamine

Concen: 11.642 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

Tgt Ion: 70 Resp: 158029

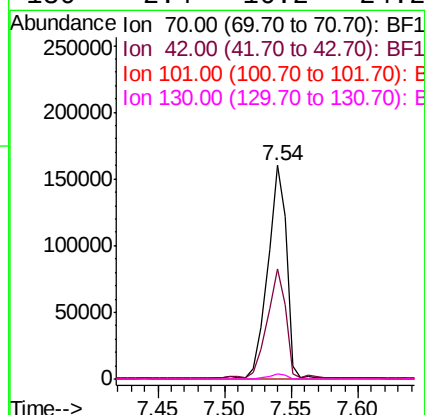
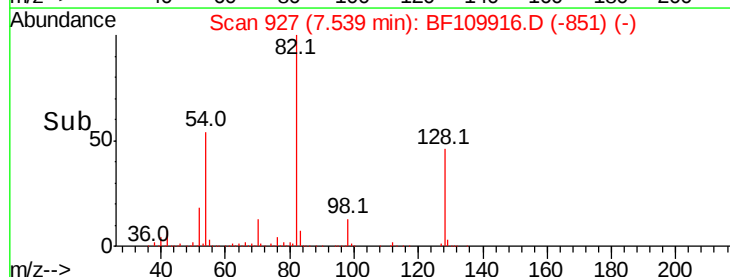
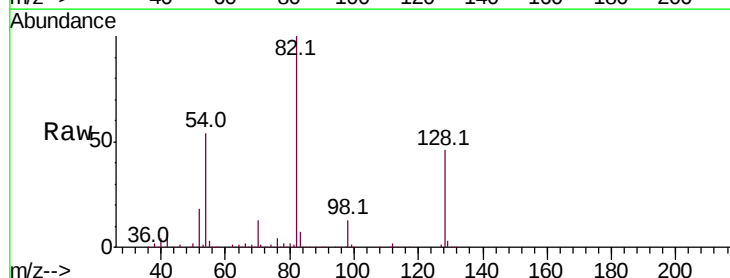
Ion Ratio Lower Upper

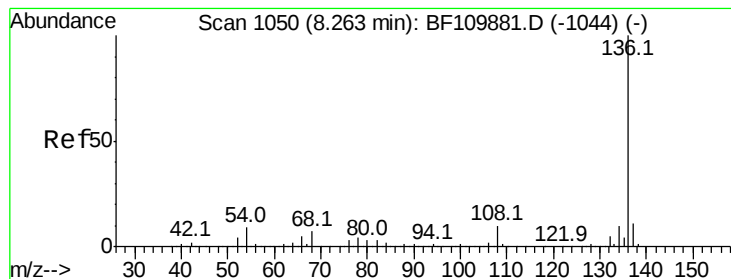
70 100

42 51.4 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

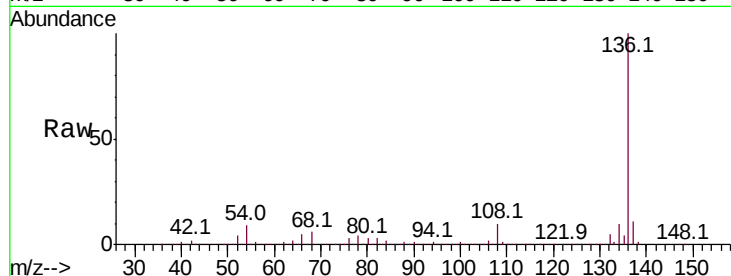




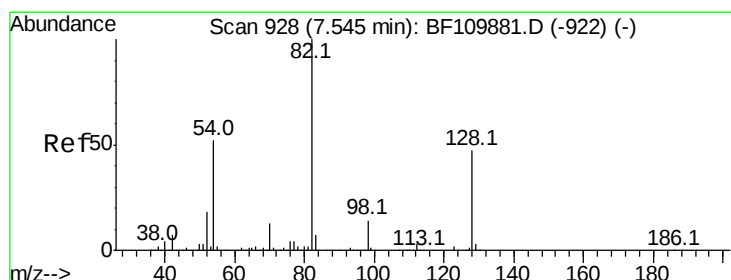
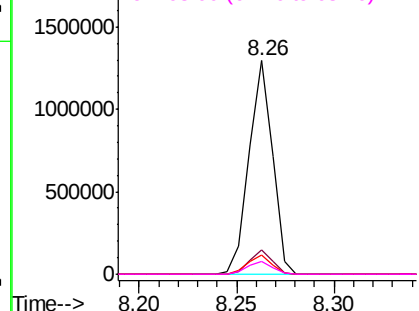
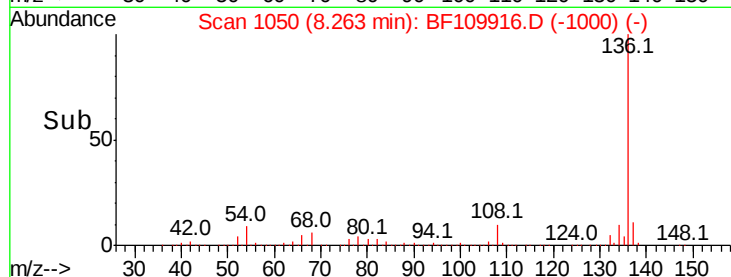
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1080346
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.8 5.4 8.2#
68 6.2 4.2 6.2

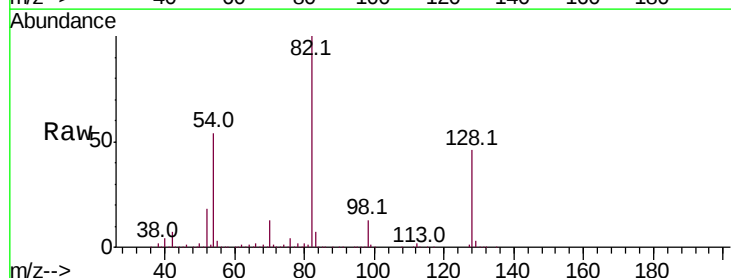


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

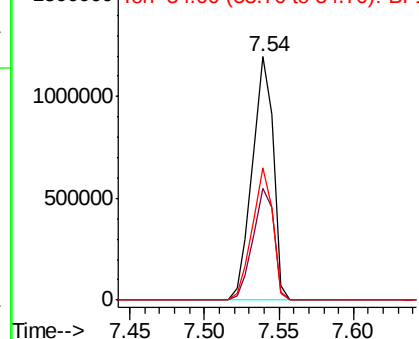
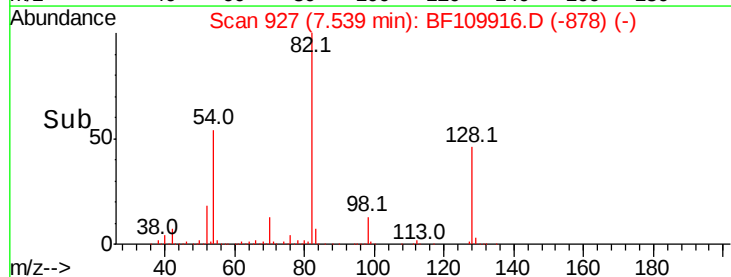


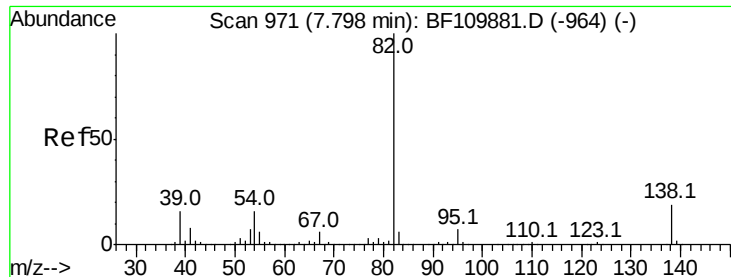
#23
Nitrobenzene-d5
Concen: 72.175 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Tgt Ion: 82 Resp: 1157504
Ion Ratio Lower Upper
82 100
128 45.9 34.2 51.2
54 54.2 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.659 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.26 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

Instrument :

BNA_F

ClientSampleId :

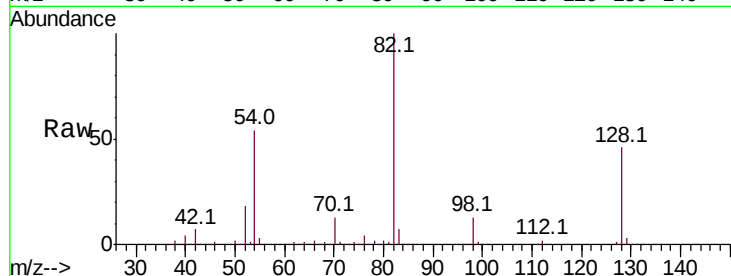
Tot Ion: 82 Resp: 1155210

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

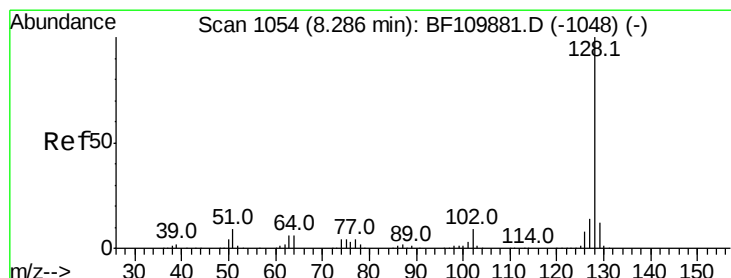
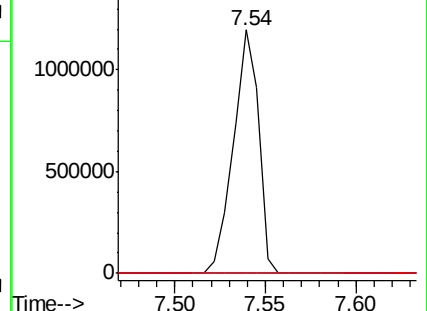
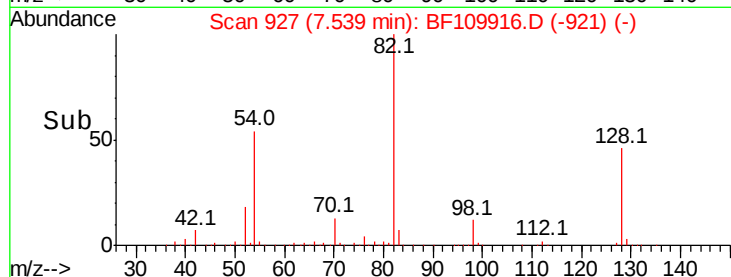
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 7.686 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

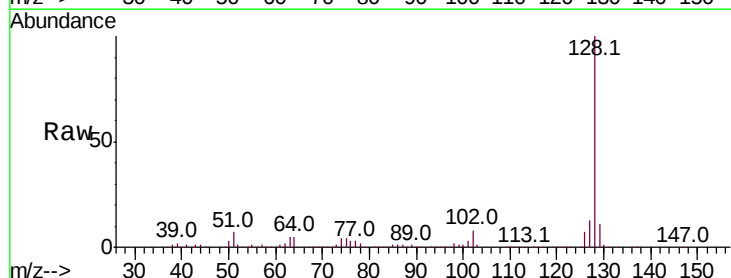
Tgt Ion: 128 Resp: 380756

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

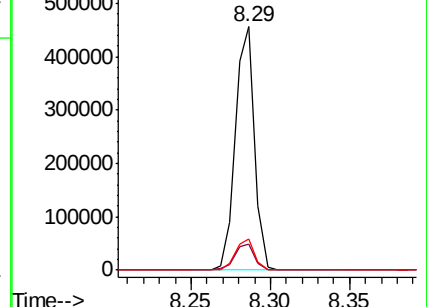
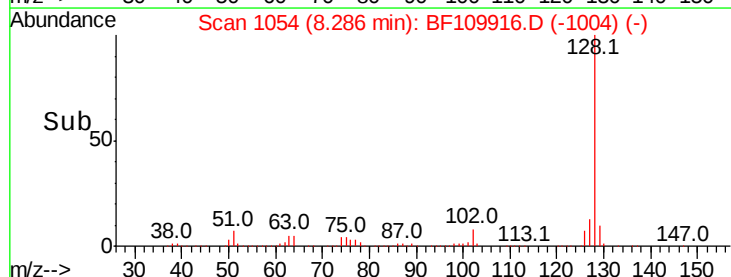
127 13.0 10.8 16.2

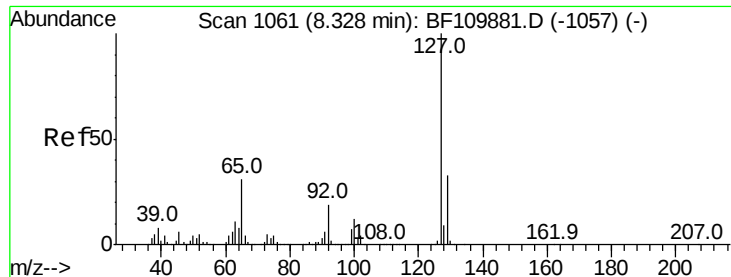


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

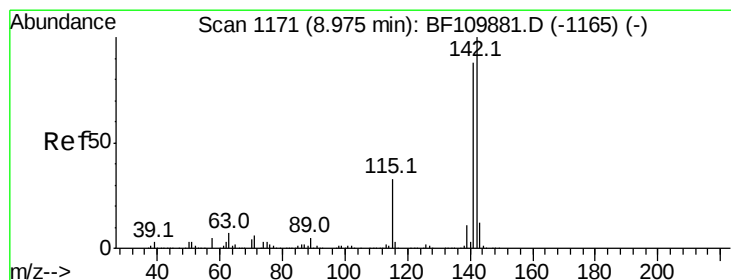
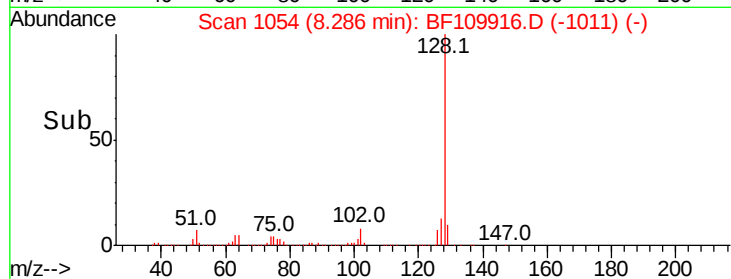
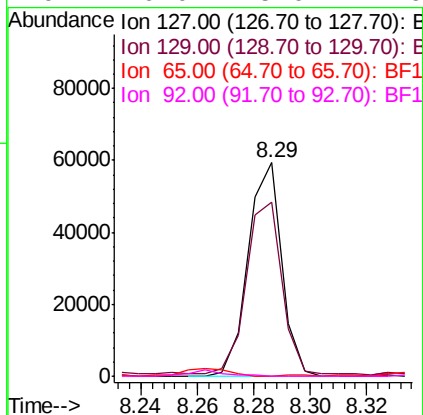
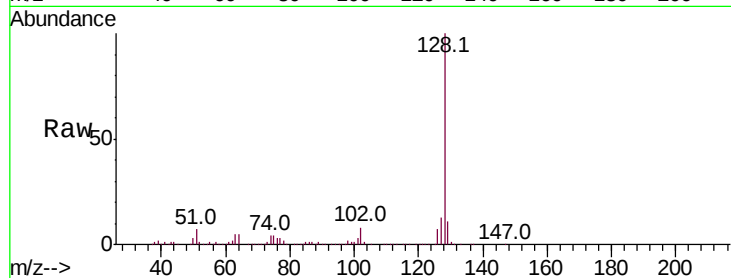




#33
4-Chloroaniline
Concen: 2.195 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.05 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

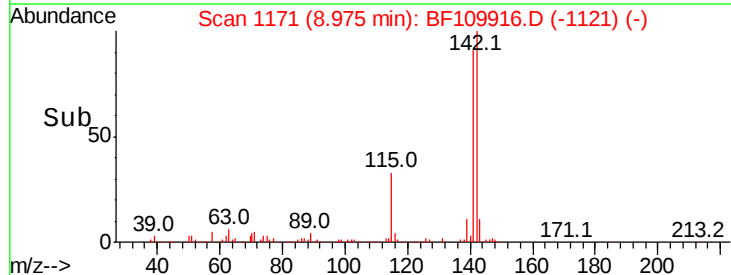
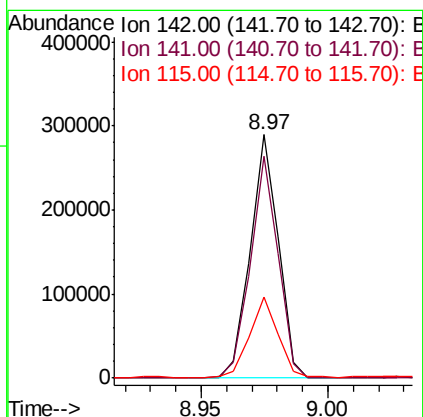
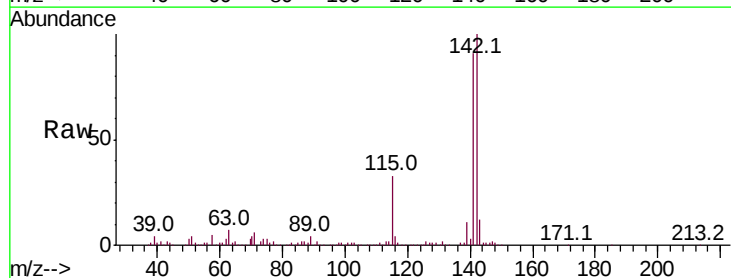
Instrument :
BNA_F
ClientSampleId :

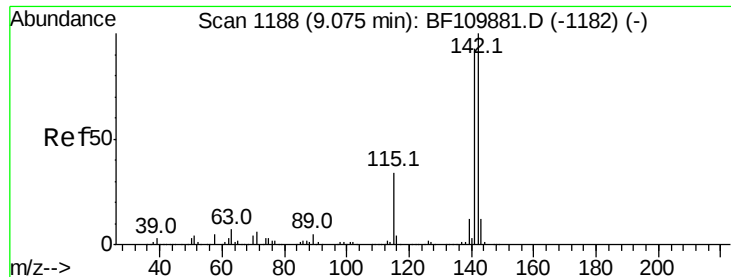
Tot Ion:127 Resp: 48883
Ion Ratio Lower Upper
127 100
129 81.7 26.0 39.0#
65 0.0 25.1 37.7#
92 0.0 15.0 22.6#



#37
2-Methylnaphthalene
Concen: 7.004 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Tgt Ion:142 Resp: 224683
Ion Ratio Lower Upper
142 100
141 91.2 71.4 107.2
115 33.4 28.7 43.1

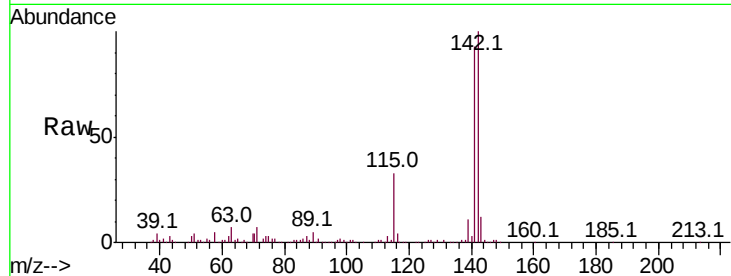




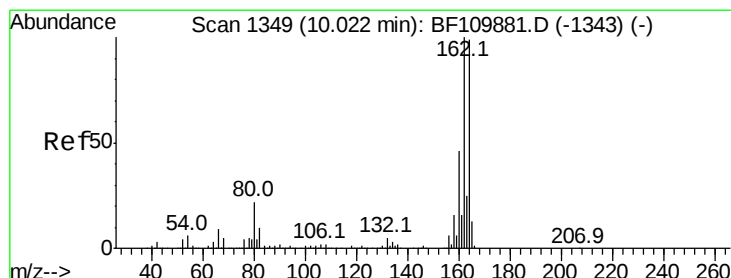
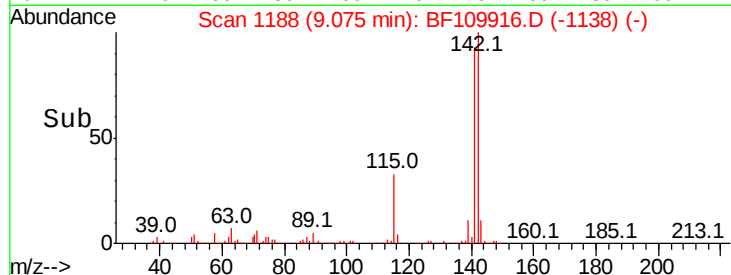
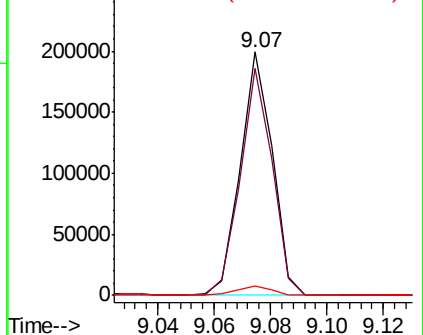
#38
1-Methylnaphthalene
Concen: 5.051 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 157013
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4
116 3.8 2.6 4.0

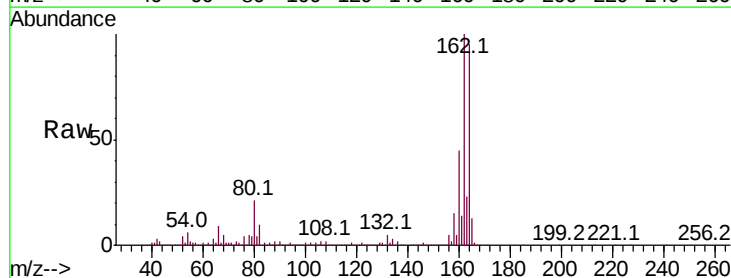


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

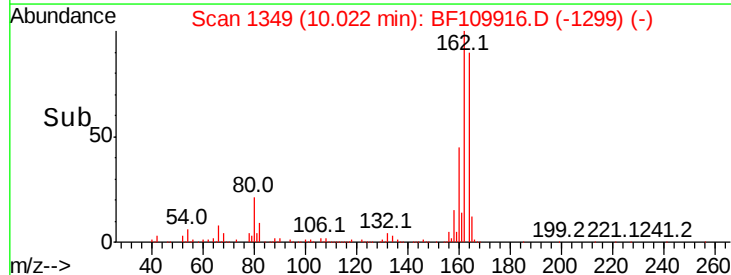
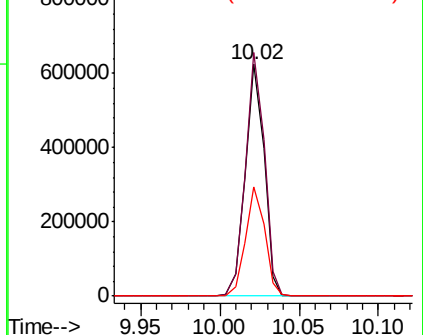


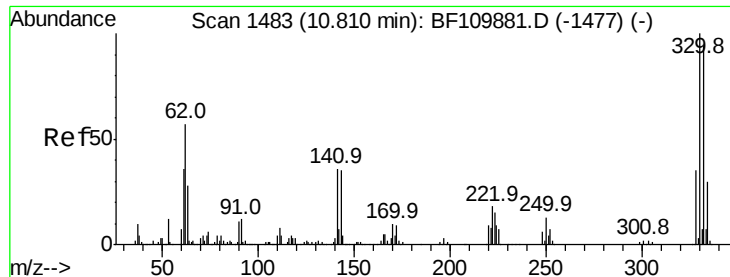
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Tgt Ion:164 Resp: 515553
Ion Ratio Lower Upper
164 100
162 105.0 83.0 124.6
160 47.1 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

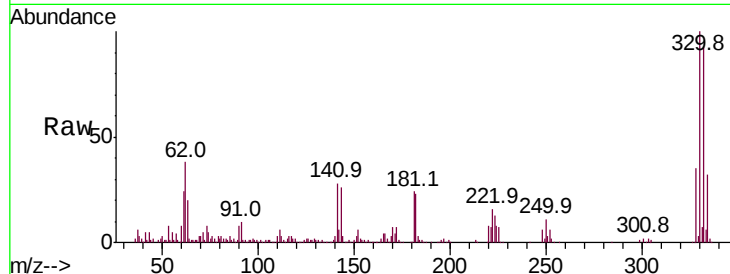




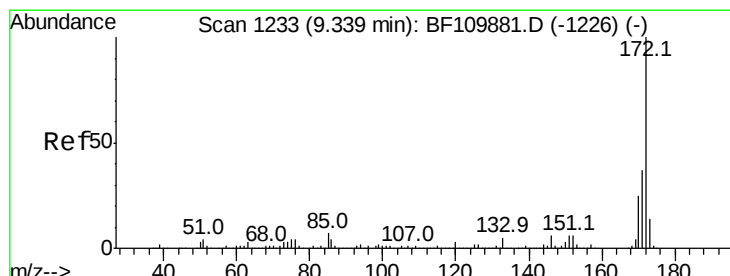
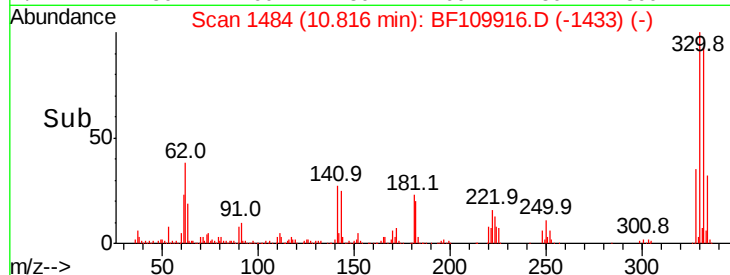
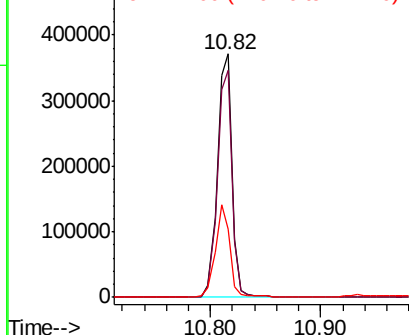
#42
 2,4,6-Tribromophenol
 Concen: 76.621 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF109916.D
 Acq: 17 Oct 2018 11:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.1	115.7
141	36.0	27.0	40.4

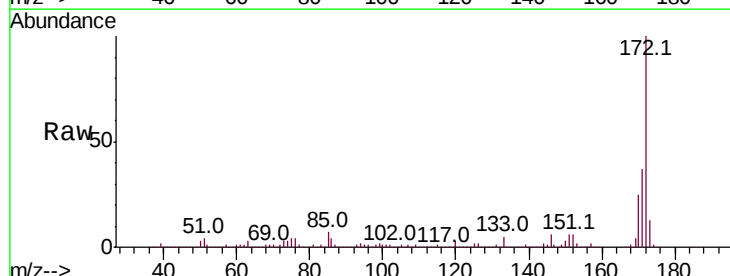


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

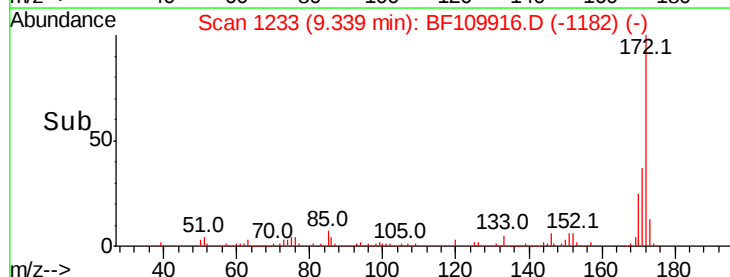
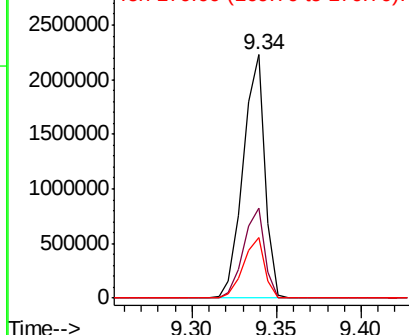


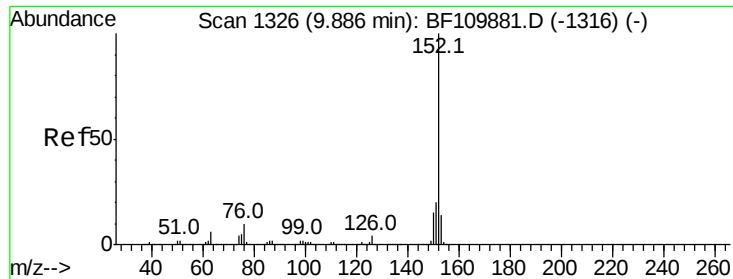
#45
 2-Fluorobiphenyl
 Concen: 61.863 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF109916.D
 Acq: 17 Oct 2018 11:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	43.0
170	24.8	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





#49

Acenaphthylene

Concen: 10.483 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

Instrument :

BNA_F

ClientSampleId :

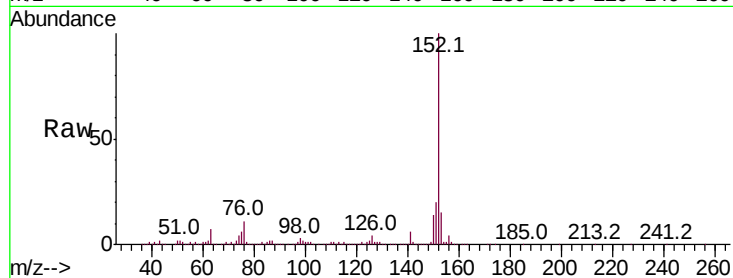
Tot Ion:152 Resp: 515266

Ion Ratio Lower Upper

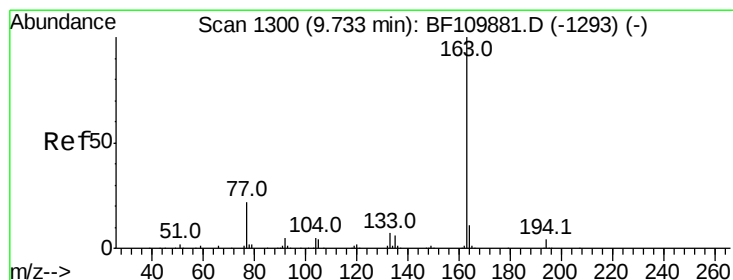
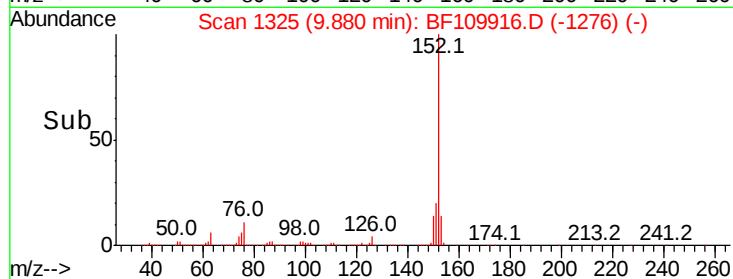
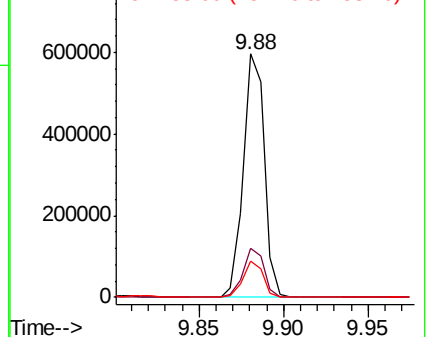
152 100

151 20.0 15.8 23.8

153 14.7 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



#50

Dimethylphthalate

Concen: 7.028 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

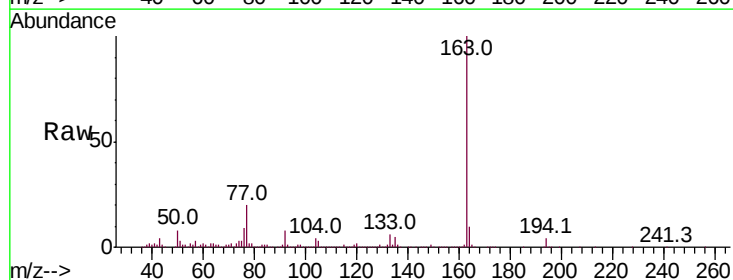
Tgt Ion:163 Resp: 256567

Ion Ratio Lower Upper

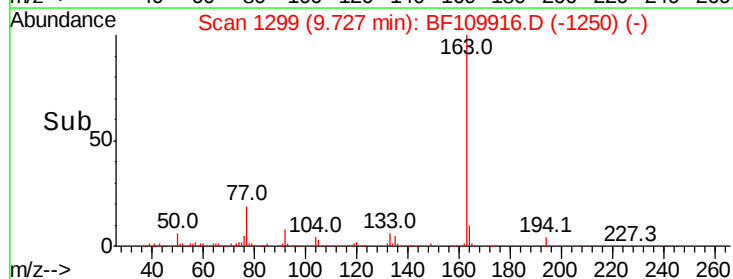
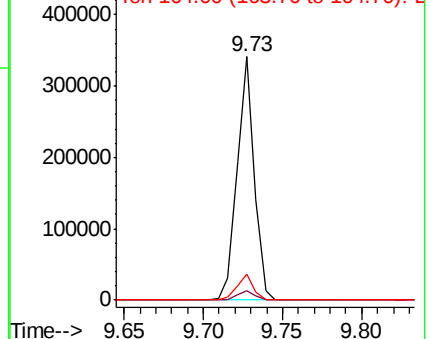
163 100

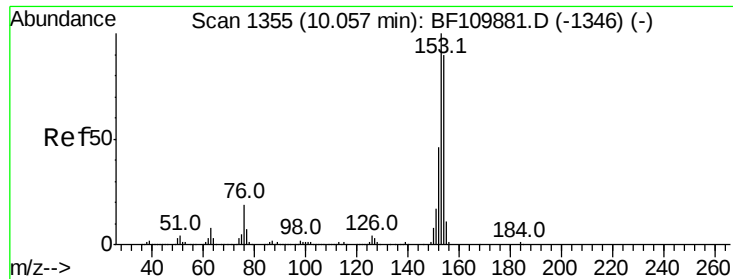
194 3.9 3.2 4.8

164 10.5 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





#52

Acenaphthene

Concen: 2.332 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

Instrument :

BNA_F

ClientSampleId :

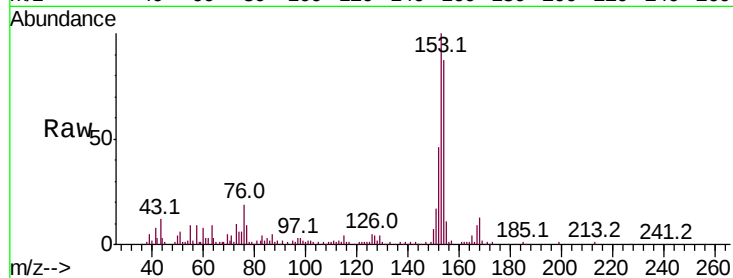
Tot Ion:154 Resp: 72965

Ion Ratio Lower Upper

154 100

153 115.3 90.1 135.1

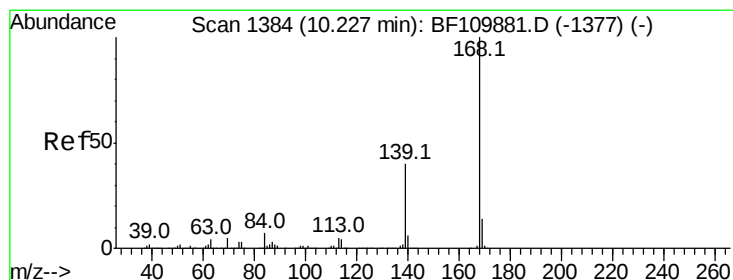
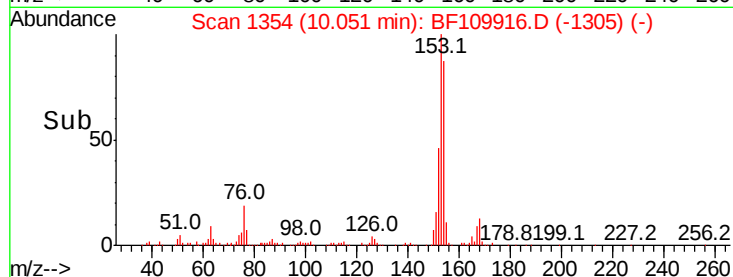
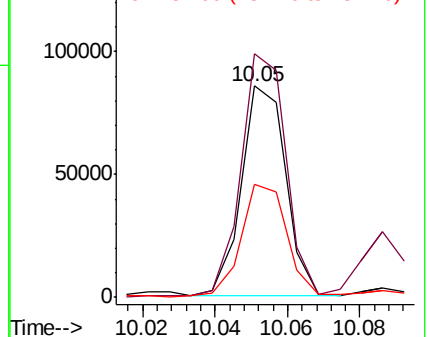
152 53.6 43.4 65.2



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



#55

Dibenzofuran

Concen: 7.774 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

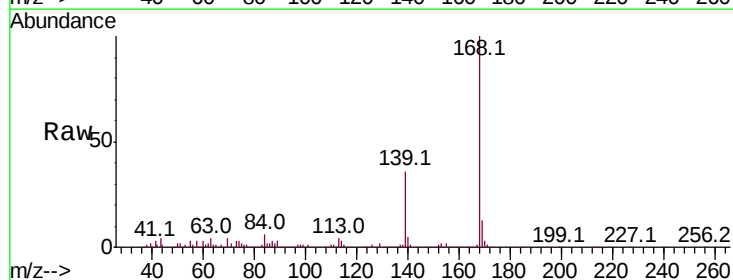
Tgt Ion:168 Resp: 346944

Ion Ratio Lower Upper

168 100

139 36.5 33.0 49.6

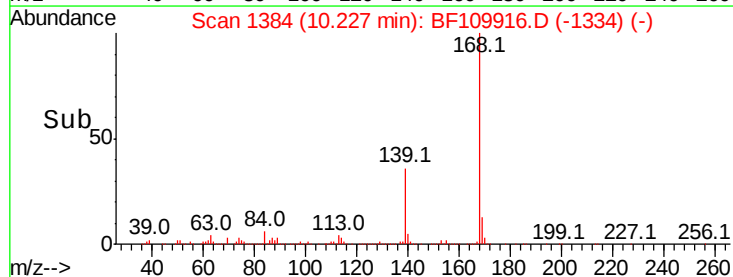
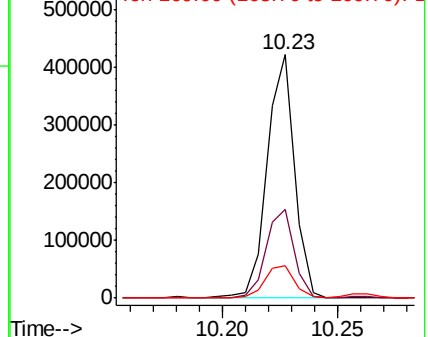
169 13.3 11.3 16.9

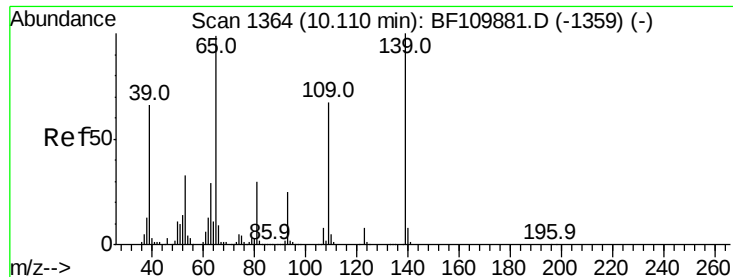


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 20.082 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.11 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

Instrument :

BNA_F

ClientSampleId :

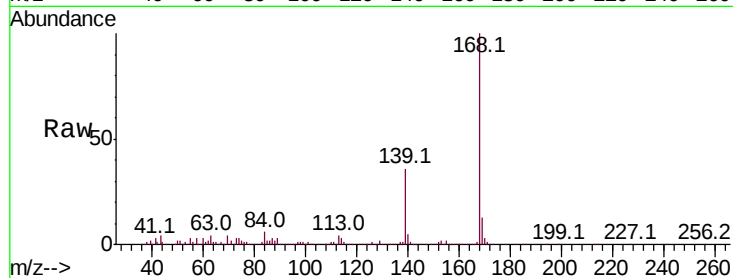
Tot Ion:139 Resp: 129242

Ion Ratio Lower Upper

139 100

109 1.2 55.8 95.8#

65 1.7 77.9 117.9#

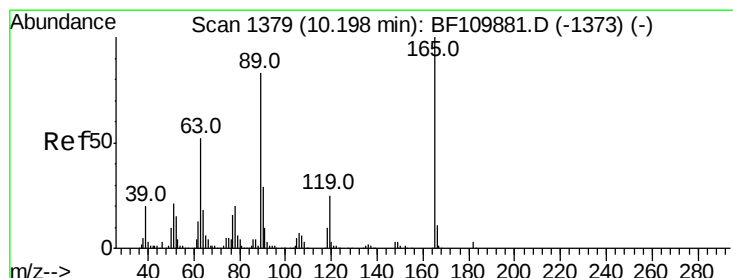
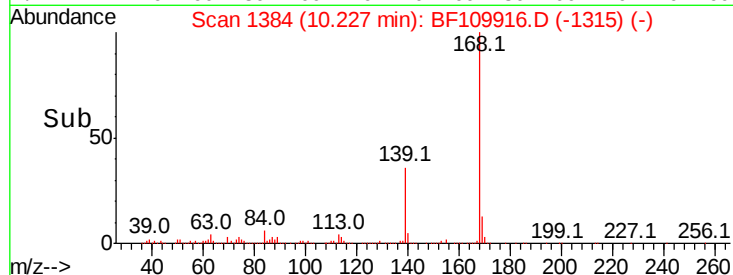
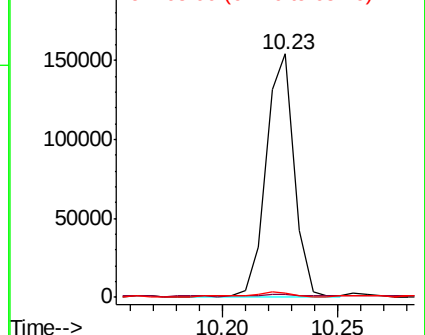


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 5.002 ng

RT: 10.20 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

Tgt Ion:165 Resp: 4054

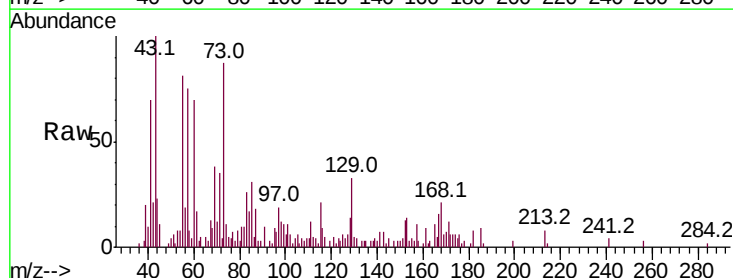
Ion Ratio Lower Upper

165 100

63 41.7 44.8 67.2#

89 23.9 62.2 93.4#

182 74.1 2.1 3.1#



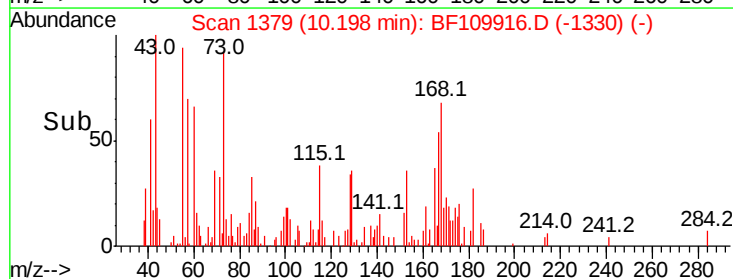
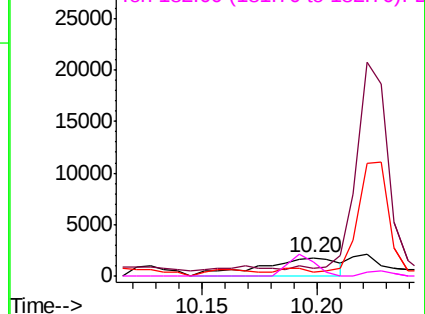
Abundance

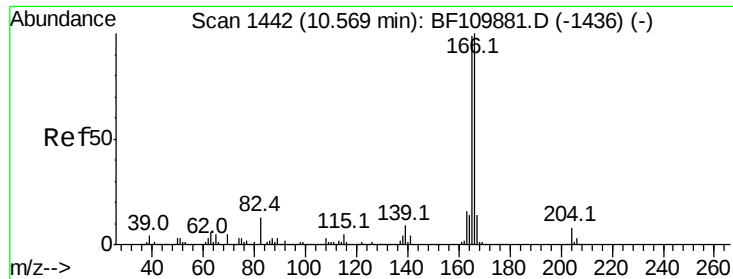
Ion 165.00 (164.70 to 165.70): E

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





#58

Fluorene

Concen: 13.244 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF109916.D

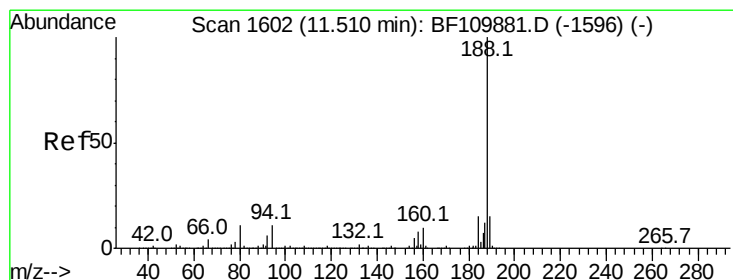
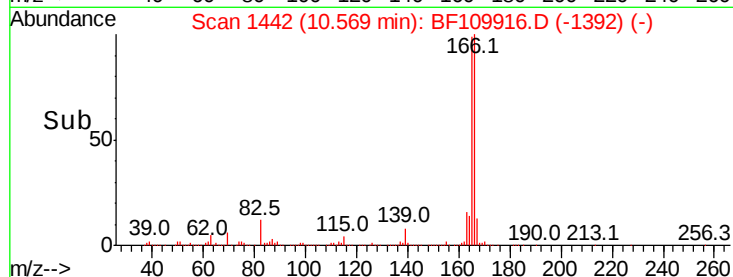
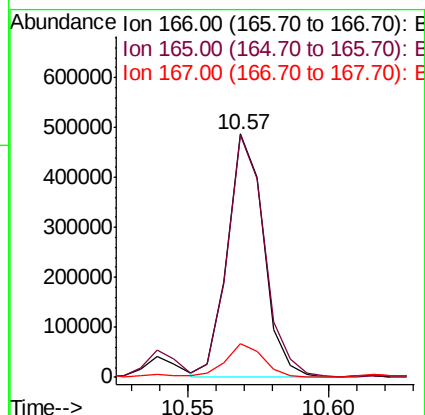
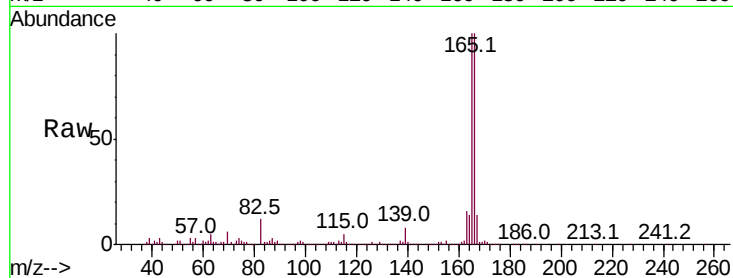
Acq: 17 Oct 2018 11:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	166	Resp:	430265
Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	117.8
167	13.6	10.8	16.2



#64

Phenanthrene-d10

Concen: 20.000 ng

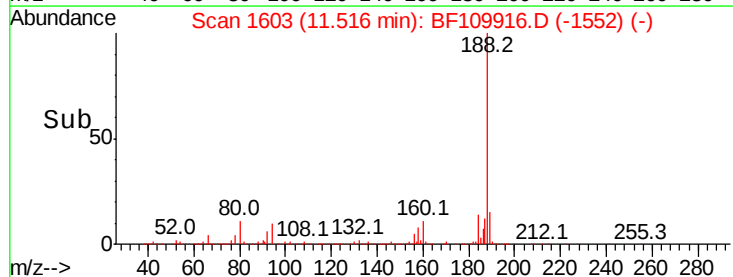
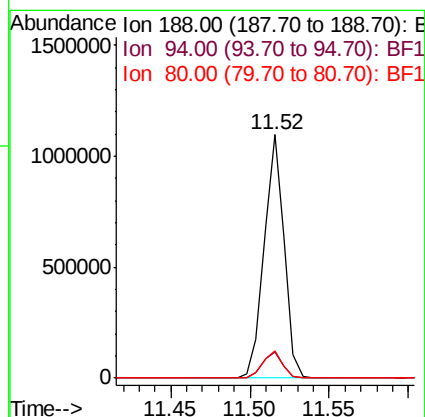
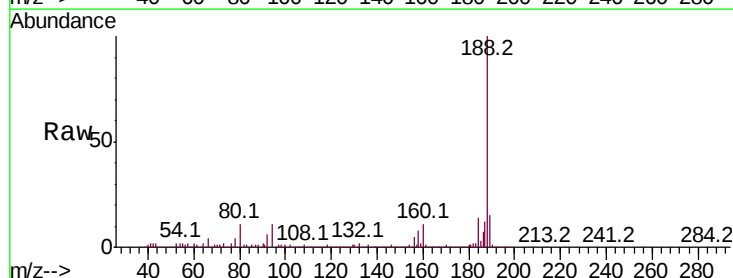
RT: 11.52 min Scan# 1603

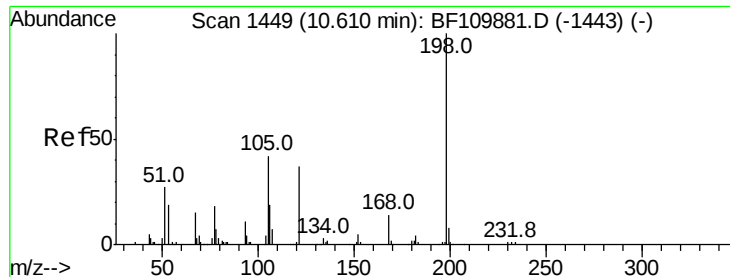
Delta R.T. -0.00 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

Tgt Ion:	188	Resp:	968285
Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.2	10.8
80	11.1	7.9	11.9

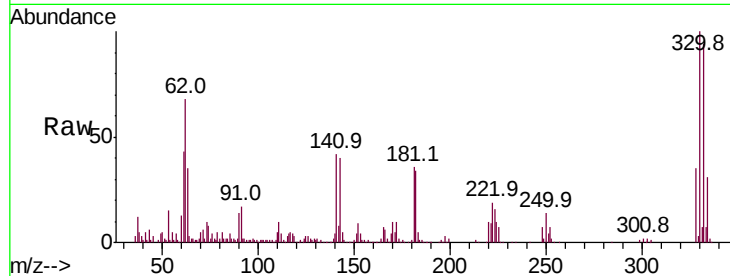




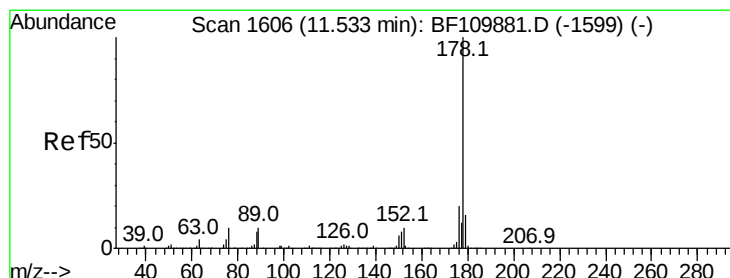
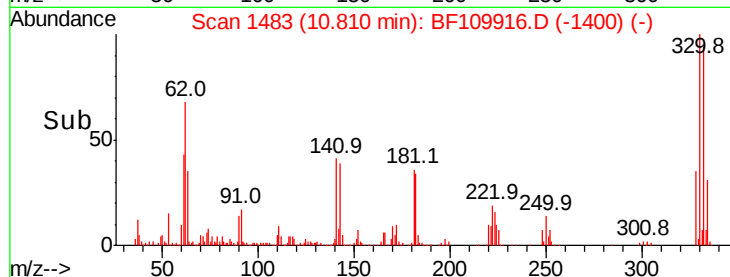
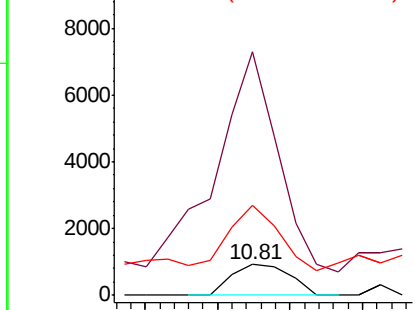
#65
4,6-Dinitro-2-methylphenol
Concen: 8.150 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.19 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 1030
Ion Ratio Lower Upper
198 100
51 798.5 22.8 62.8#
105 294.2 23.6 63.6#

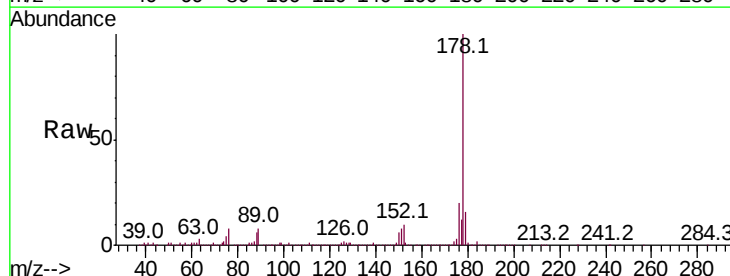


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

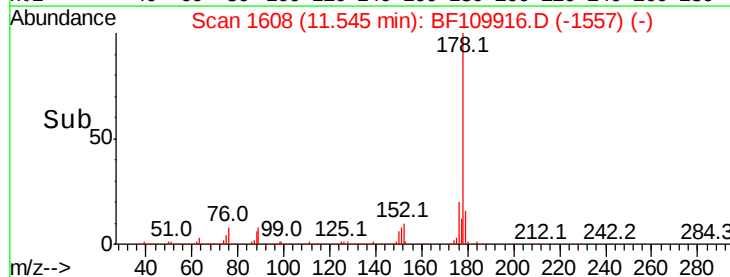
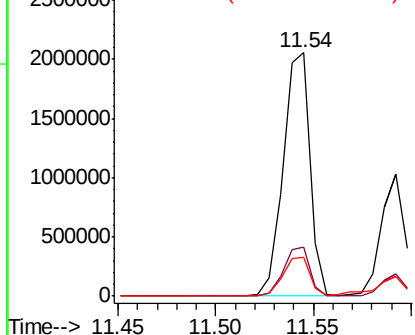


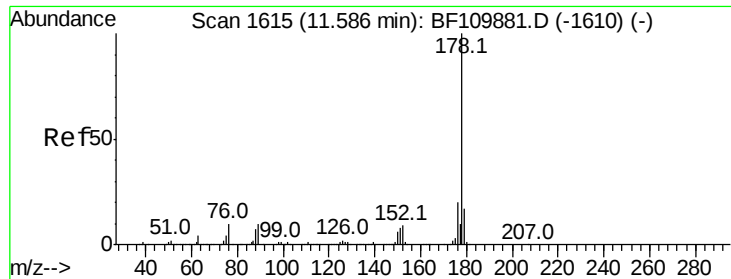
#71
Phenanthrene
Concen: 38.891 ng
RT: 11.54 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Tgt Ion:178 Resp: 1949575
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 15.8 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: 16.828 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

Instrument :

BNA_F

ClientSampleId :

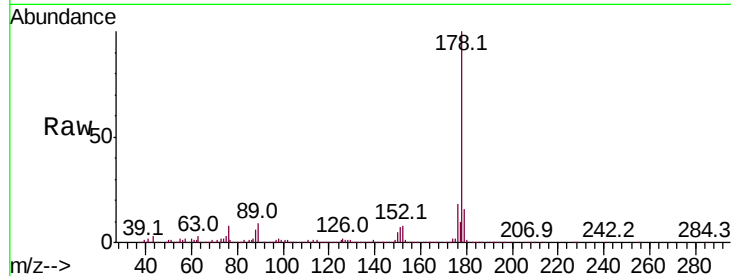
Tot Ion:178 Resp: 848099

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

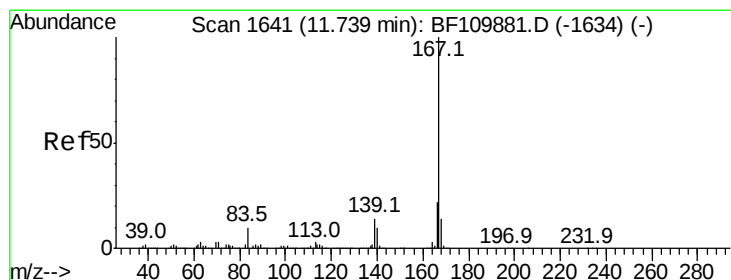
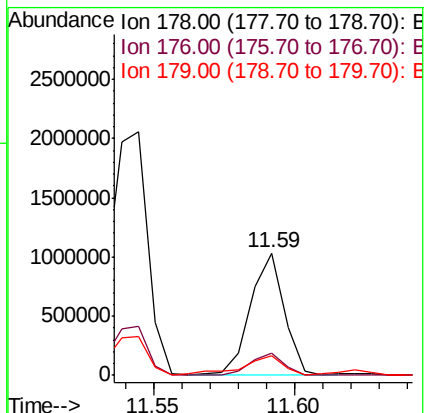
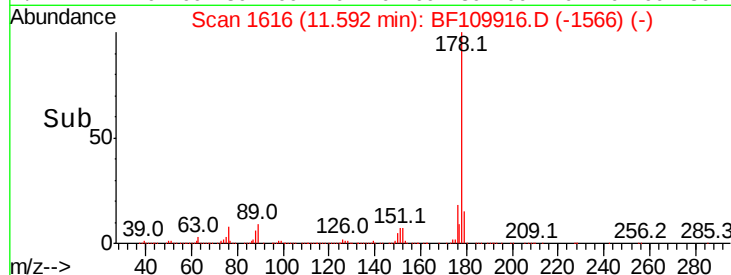
179 15.6 12.6 18.8



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



#73

Carbazole

Concen: 3.082 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

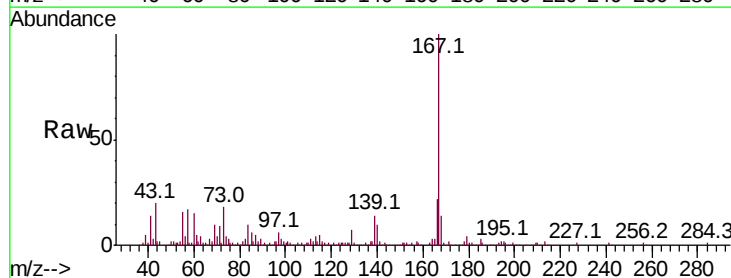
Tgt Ion:167 Resp: 152638

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

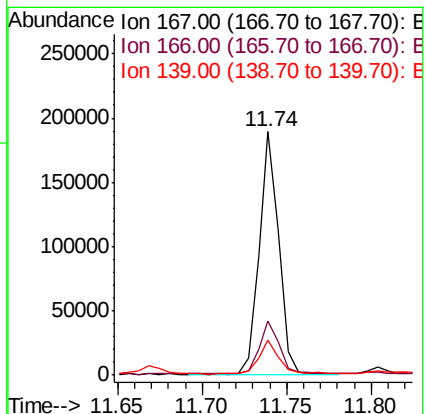
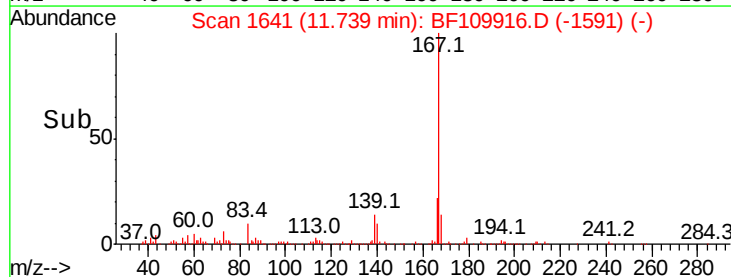
139 14.3 10.9 16.3

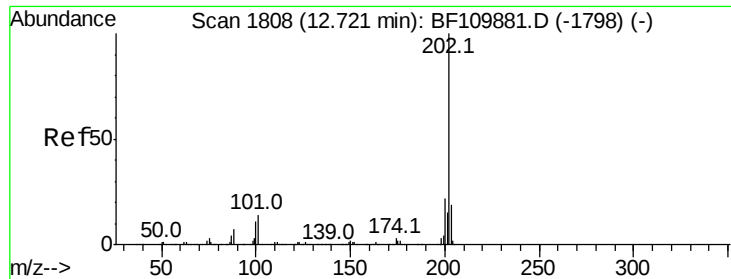


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 29.446 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

Instrument :

BNA_F

ClientSampleId :

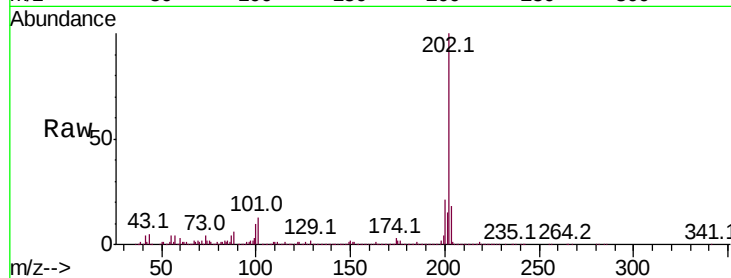
Tot Ion:202 Resp: 1474614

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.4

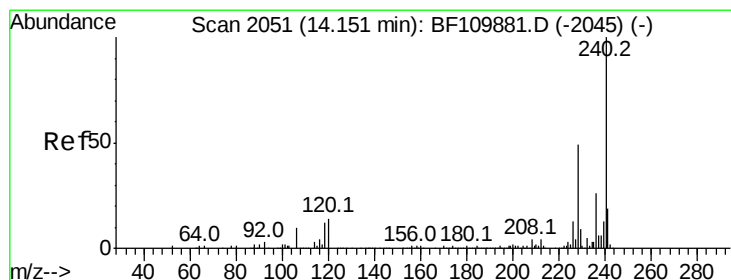
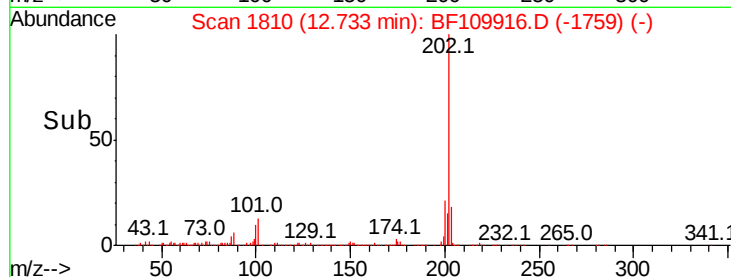
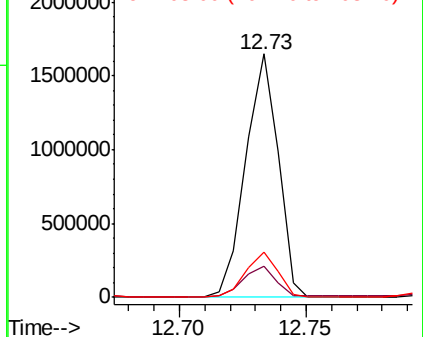
203 18.5 0.0 37.7



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: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109916.D

Acq: 17 Oct 2018 11:31

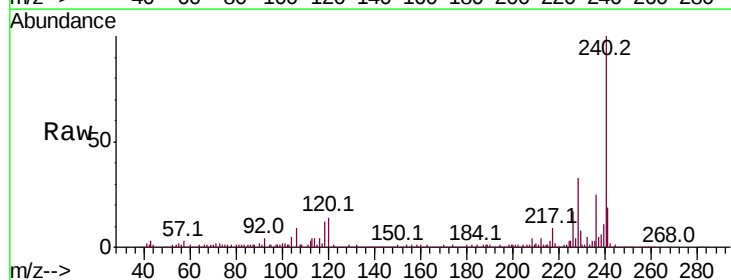
Tgt Ion:240 Resp: 594575

Ion Ratio Lower Upper

240 100

120 13.7 8.3 12.5#

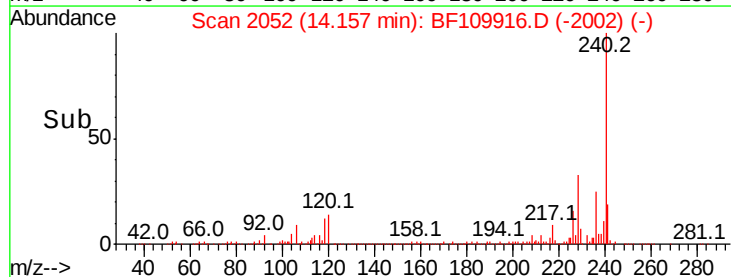
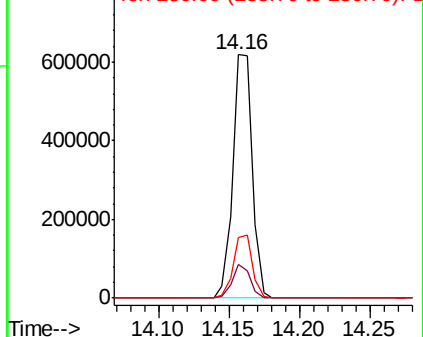
236 25.0 21.2 31.8

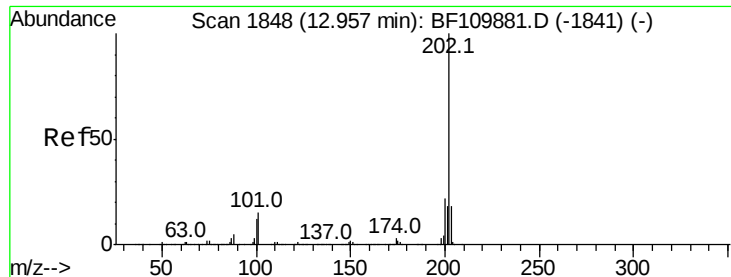


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



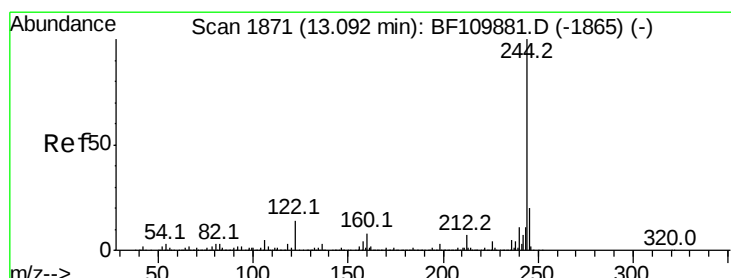
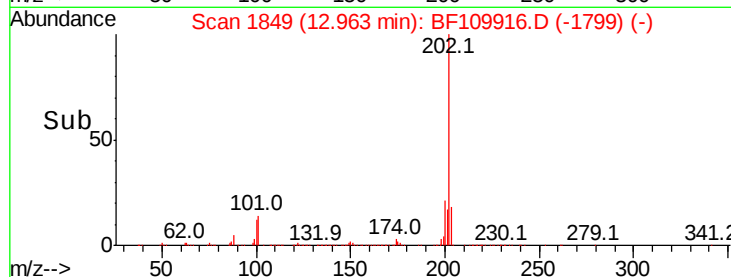
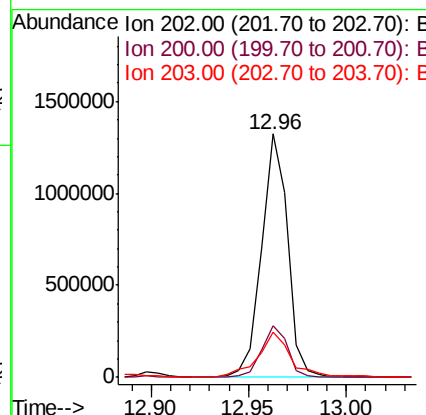
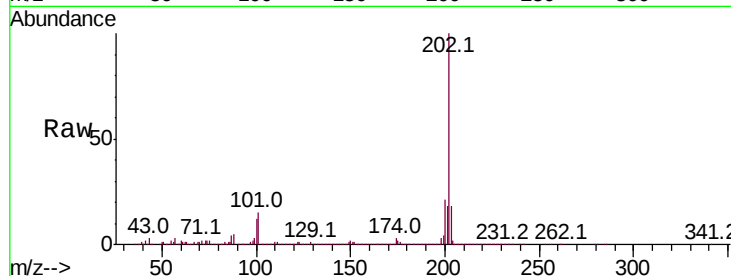


#78
Pvrene
Concen: 27.907 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1218679

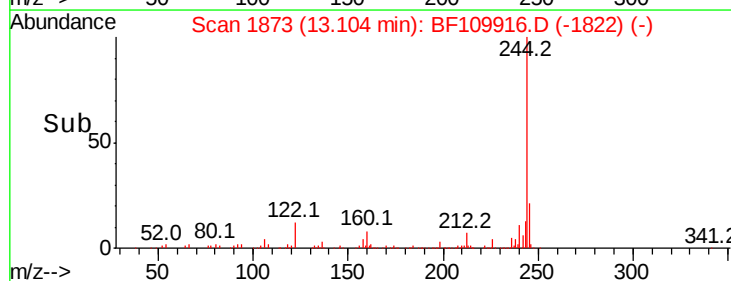
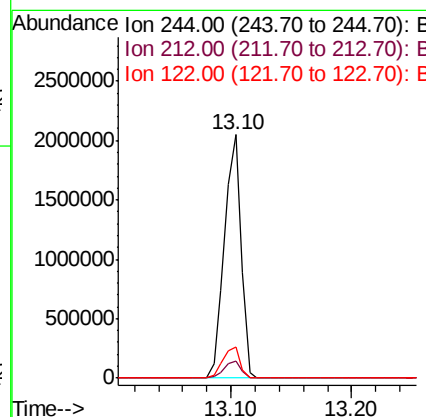
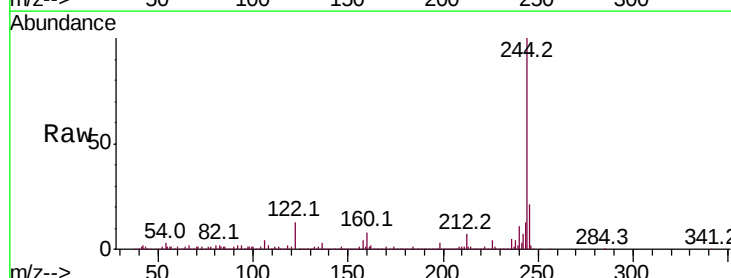
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	18.4	14.2	21.4

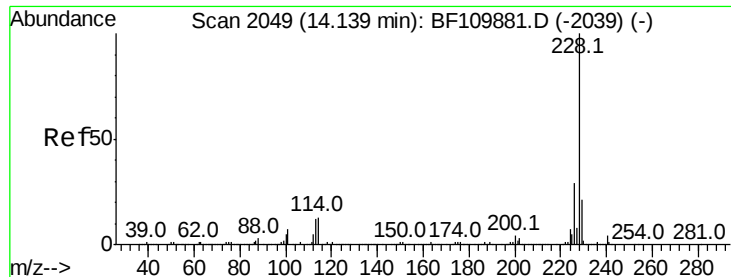


#79
Terphenyl-d14
Concen: 68.466 ng
RT: 13.10 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Tgt Ion:244 Resp: 1938556

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.6	8.7	13.1

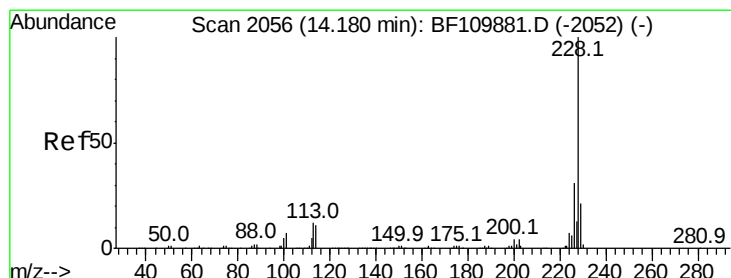
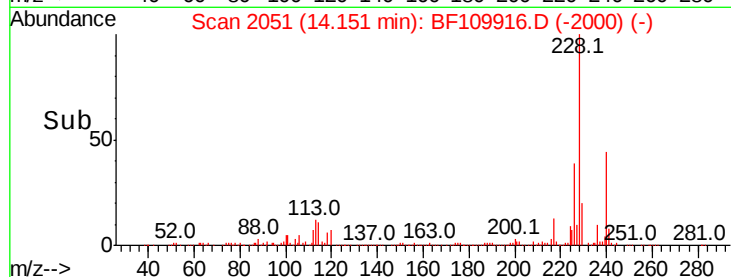
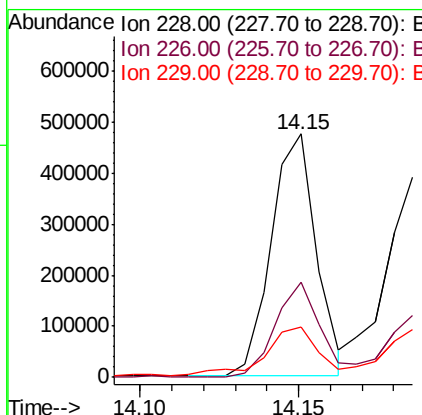
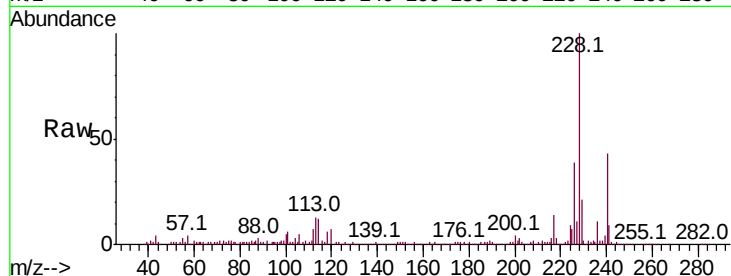




#81
Benzo(a)anthracene
Concen: 13.445 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

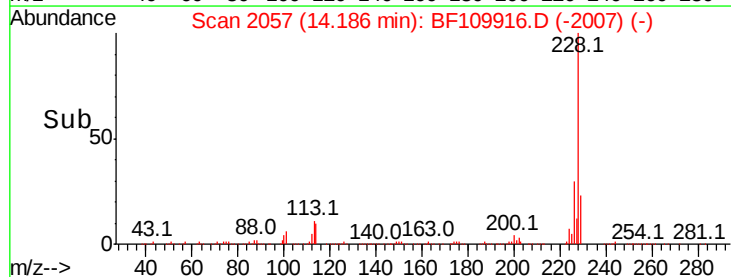
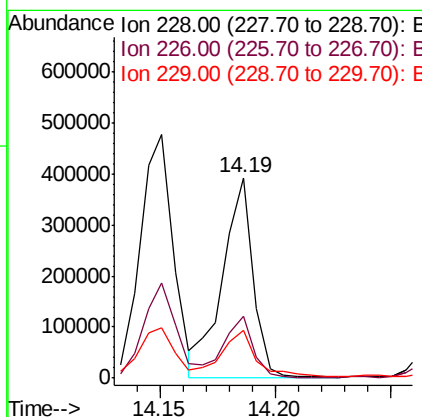
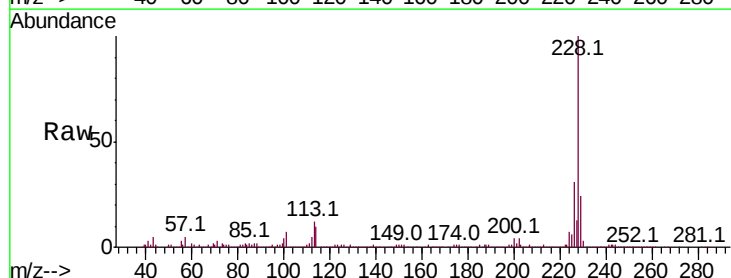
Instrument :
BNA_F
ClientSampleId :

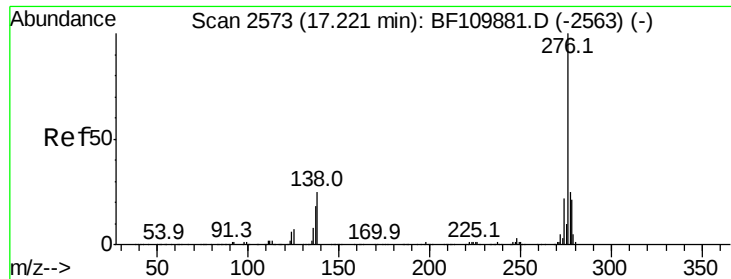
Tot Ion:228 Resp: 470876
Ion Ratio Lower Upper
228 100
226 39.0 22.1 33.1#
229 20.7 15.6 23.4



#83
Chrysene
Concen: 10.753 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Tgt Ion:228 Resp: 358447
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 23.7 15.9 23.9

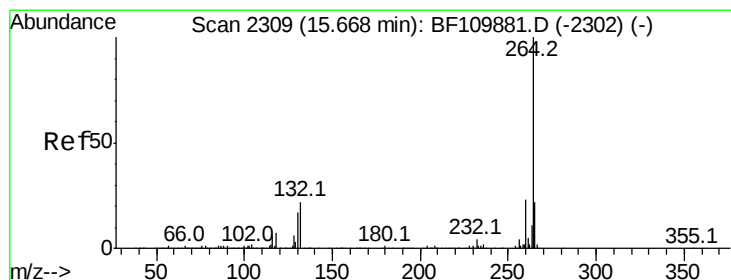
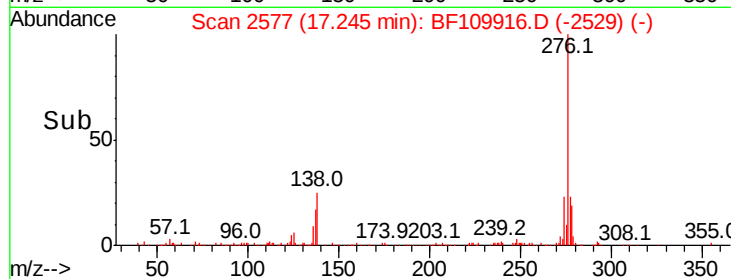
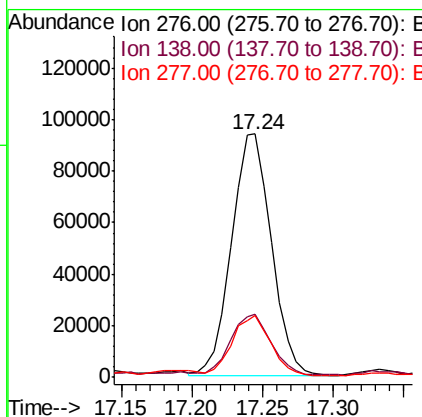
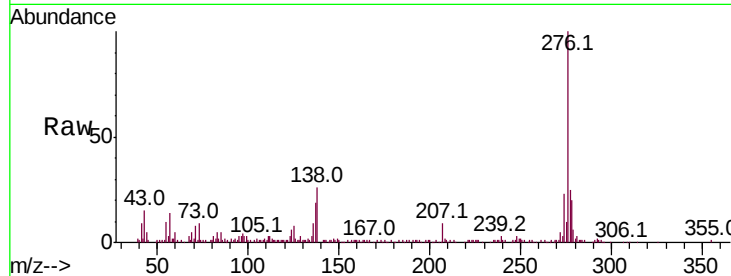




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 6.883 ng
 RT: 17.24 min Scan# 2577
 Delta R.T. -0.02 min
 Lab File: BF109916.D
 Acq: 17 Oct 2018 11:31

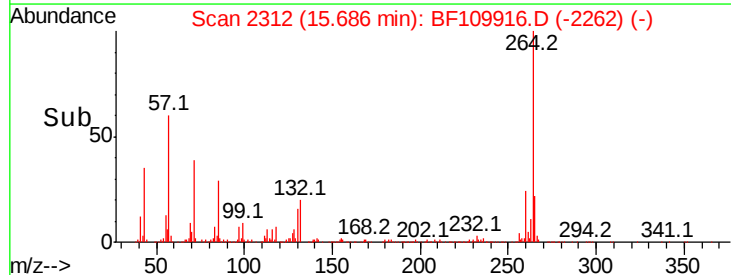
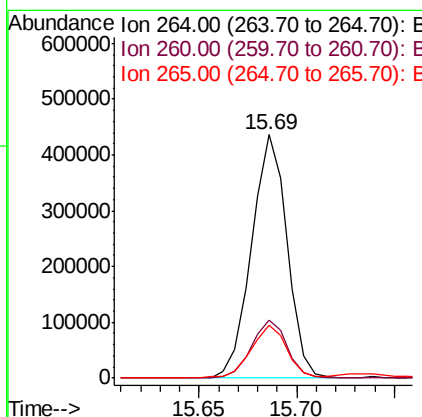
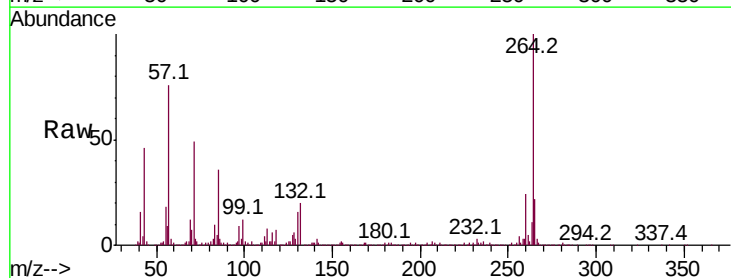
Instrument :
 BNA_F
 ClientSampleId :

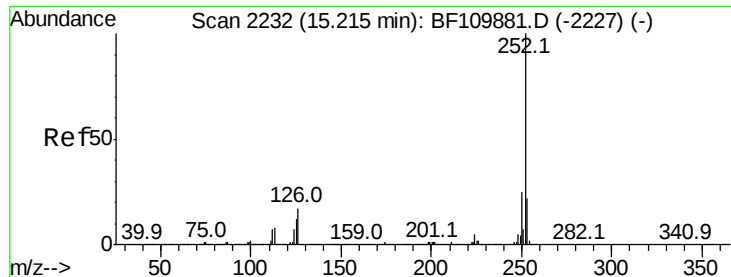
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	18.5	27.7
277	24.4	20.0	30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF109916.D
 Acq: 17 Oct 2018 11:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	16.7	25.1

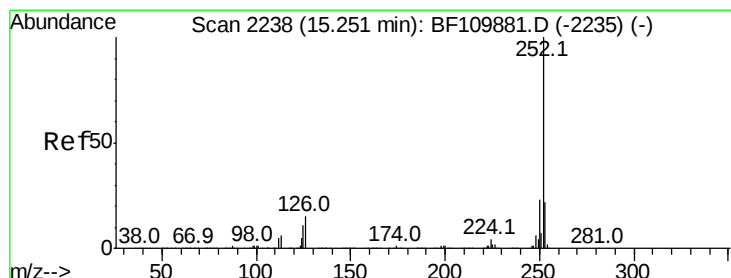
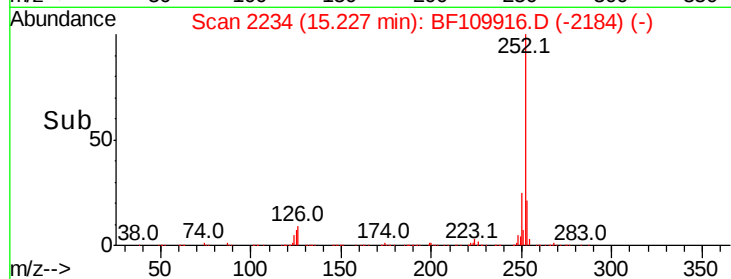
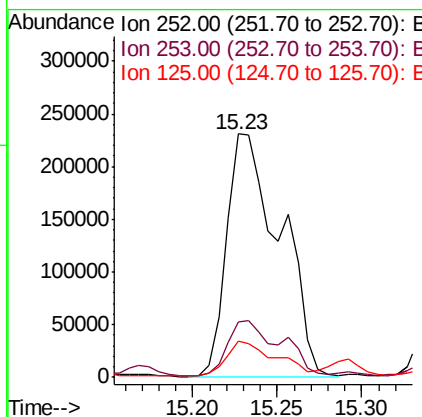
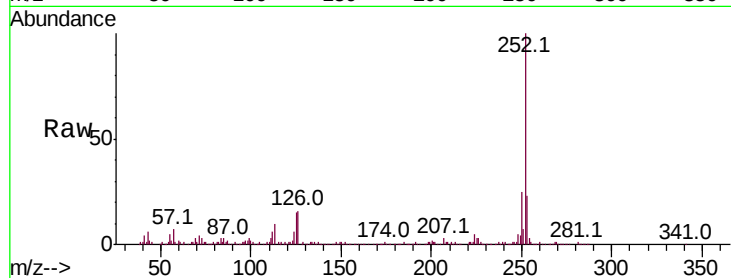




#88
Benzo(b)fluoranthene
Concen: 16.093 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

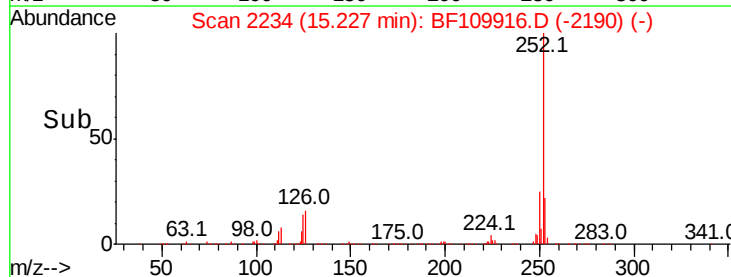
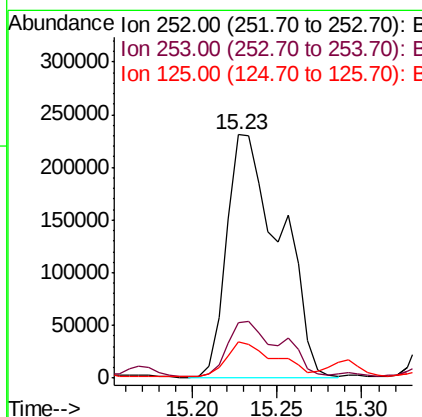
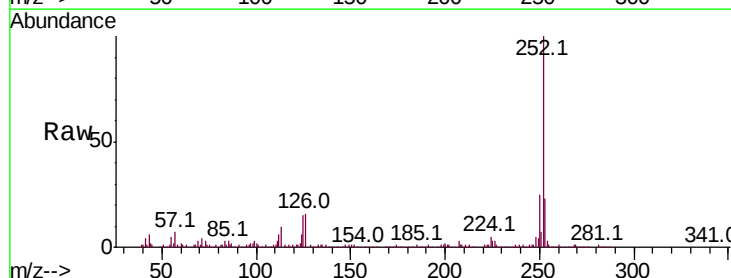
Instrument :
BNA_F
ClientSampleId :

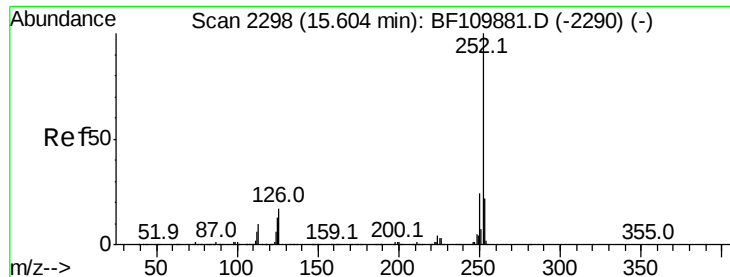
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	14.9	8.2	12.4



#89
Benzo(k)fluoranthene
Concen: 16.327 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	14.9	7.4	11.0

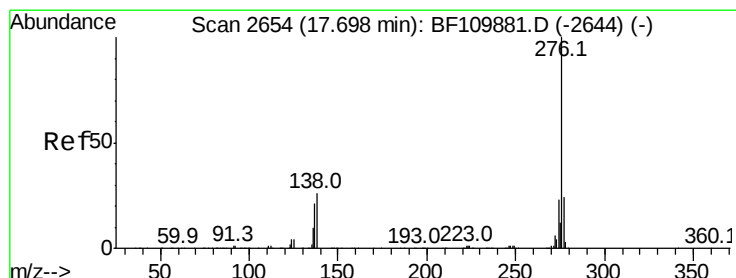
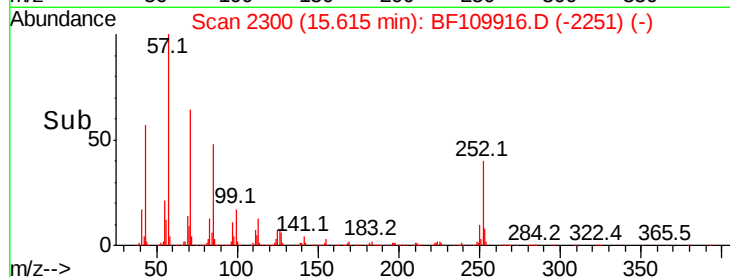
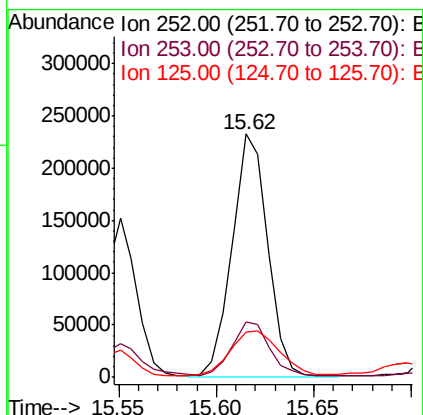
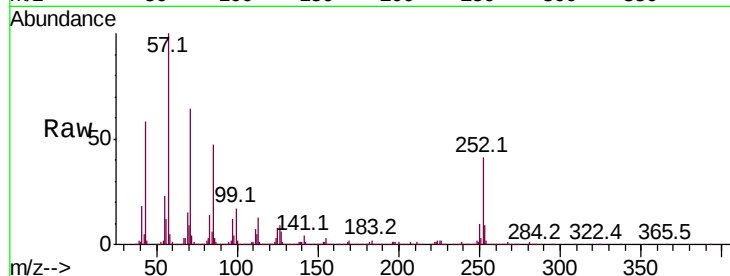




#90
Benzo(a)pyrene
Concen: 10.105 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	18.8	9.0	13.6



#92
Benzo(g,h,i)perylene
Concen: 6.195 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF109916.D
Acq: 17 Oct 2018 11:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	24.9	16.0	24.0

