

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109920.D
 Acq On : 17 Oct 2018 13:19
 Operator : JU/SJ
 Sample : J5516-06DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 17:06:18 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	268934	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1087303	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	523539	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	996314	20.00	ng	0.00
76) Chrysene-d12	14.16	240	670457	20.00	ng	0.00
87) Perylene-d12	15.69	264	670470	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	692692	40.83	ng	0.00
7) Phenol-d6	6.59	99	905506	42.98	ng	-0.02
23) Nitrobenzene-d5	7.53	82	532335	32.98	ng	-0.02
42) 2,4,6-Tribromophenol	10.81	330	156569	34.54	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1024363	31.22	ng	0.00
79) Terphenyl-d14	13.10	244	1051490	32.93	ng	0.00

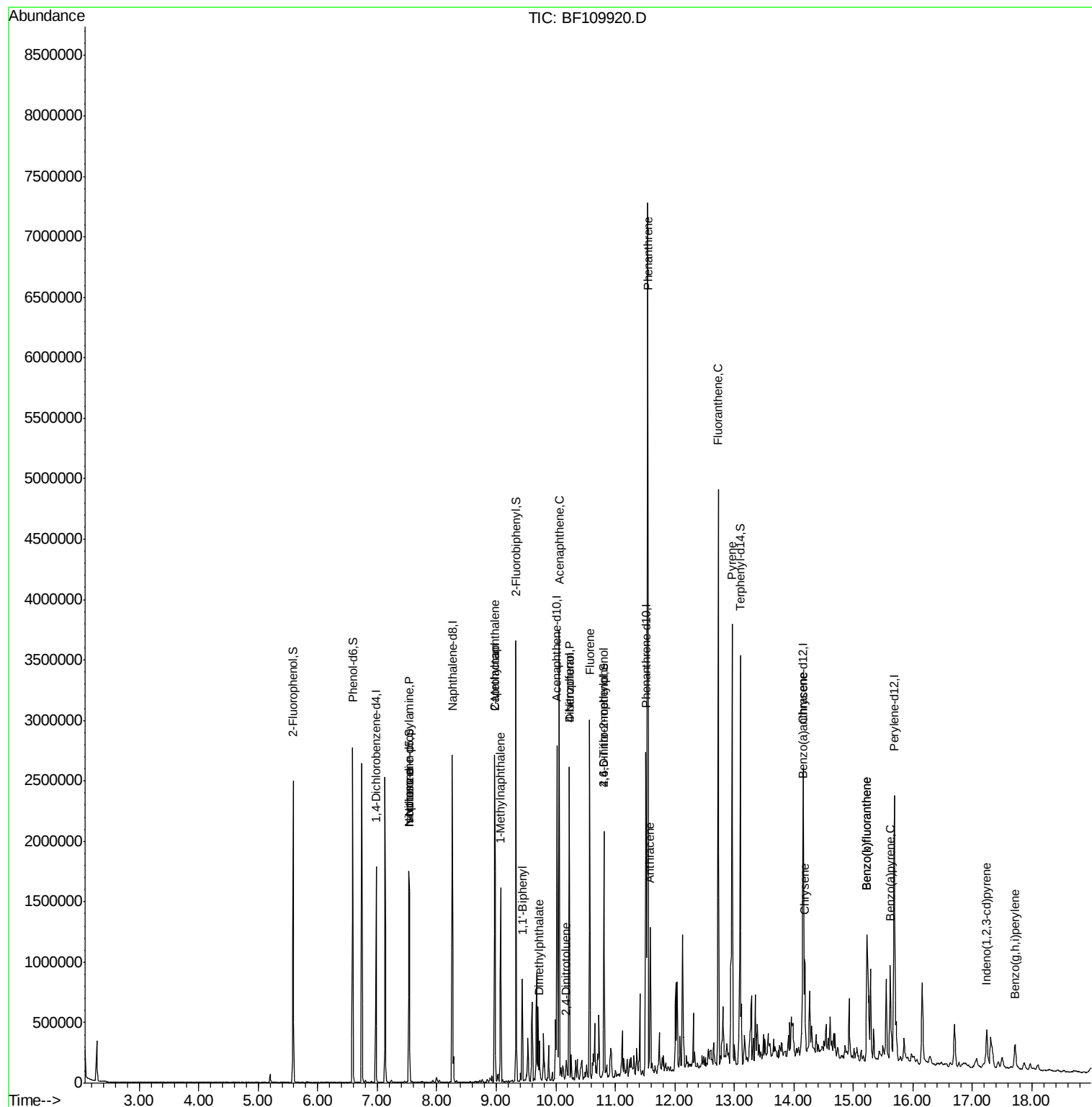
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.53	70	70071	5.180	ng	# 80
25) Isophorone	7.53	82	532325	16.785	ng	# 67
35) Caprolactam	8.97	113	13456	2.557	ng	# 1
37) 2-Methylnaphthalene	8.97	142	666215	20.635	ng	98
38) 1-Methylnaphthalene	9.07	142	374846	11.982	ng	98
46) 1,1'-Biphenyl	9.44	154	266261	5.708	ng	99
50) Dimethylphthalate	9.73	163	104457	2.818	ng	100
52) Acenaphthene	10.06	154	719609	22.645	ng	98
55) Dibenzofuran	10.23	168	906187	19.995	ng	94
56) 4-Nitrophenol	10.23	139	339333	51.923	ng	# 7
57) 2,4-Dinitrotoluene	10.18	165	8059	5.403	ng	# 45
58) Fluorene	10.57	166	838076	25.403	ng	99
65) 4,6-Dinitro-2-methylphenol	10.81	198	313	7.977	ng	# 1
71) Phenanthrene	11.55	178	2757742	53.466	ng	96
72) Anthracene	11.59	178	474571	9.152	ng	99
75) Fluoranthene	12.73	202	1795375	34.843	ng	97
78) Pyrene	12.96	202	1451008	29.466	ng	99
81) Benzo(a)anthracene	14.14	228	444171	11.247	ng	96
83) Chrysene	14.19	228	363609	9.673	ng	96
86) Indeno(1,2,3-cd)pyrene	17.24	276	199148	6.580	ng	96
88) Benzo(b)fluoranthene	15.23	252	803704	20.792	ng	# 95
89) Benzo(k)fluoranthene	15.23	252	803704	21.095	ng	# 95
90) Benzo(a)pyrene	15.62	252	368779	10.373	ng	# 97
92) Benzo(g,h,i)perylene	17.72	276	172358	5.415	ng	# 94

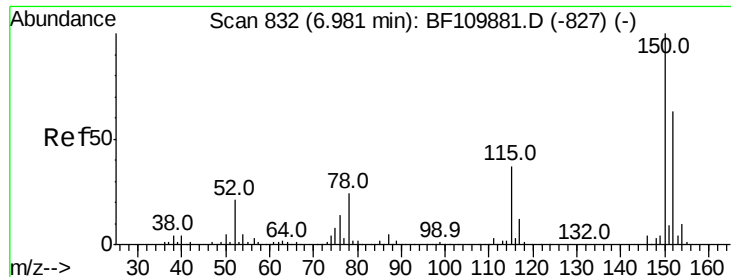
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109920.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Oct 17 17:06:18 2018
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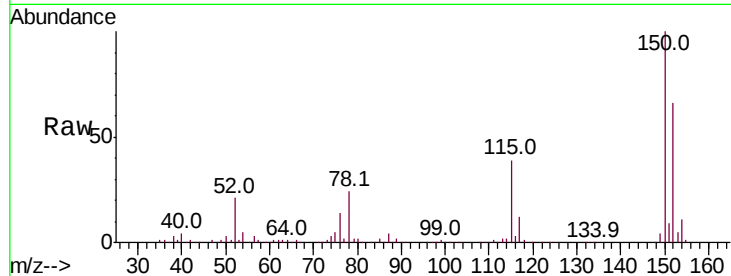


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	122.7	184.1
115	58.2	49.1	73.7

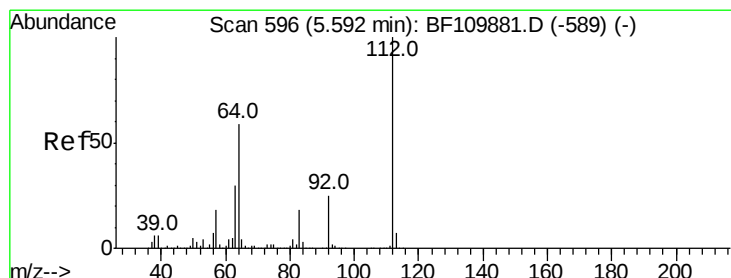
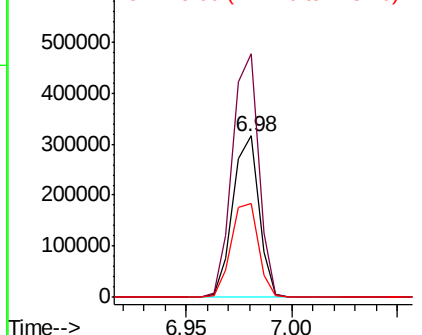
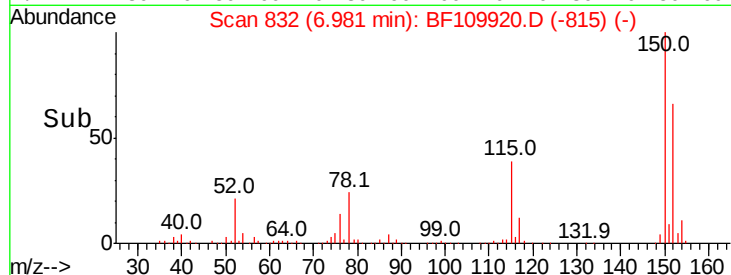


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

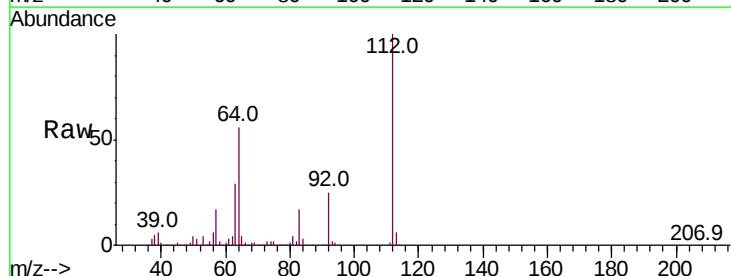
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.828 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.1	66.1
63	28.5	23.7	35.5

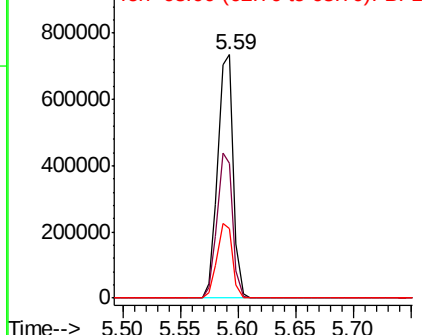
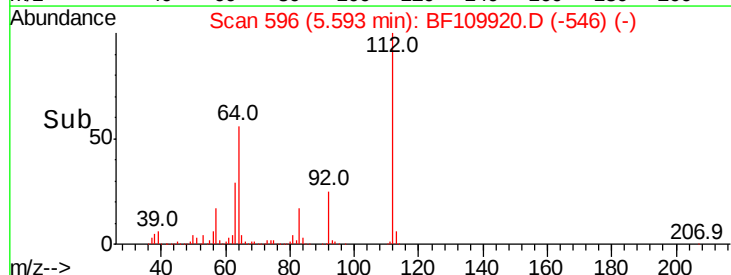


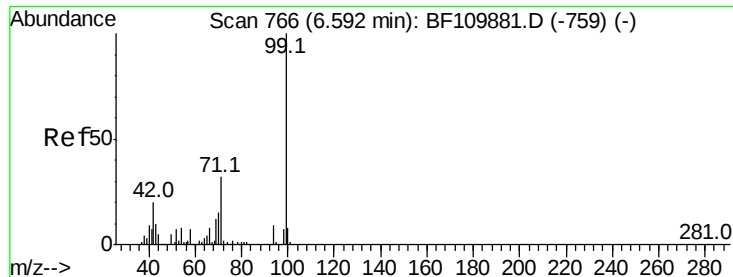
Abundance

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: 42.982 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109920.D

Acq: 17 Oct 2018 13:19

Instrument :

BNA_F

ClientSampleId :

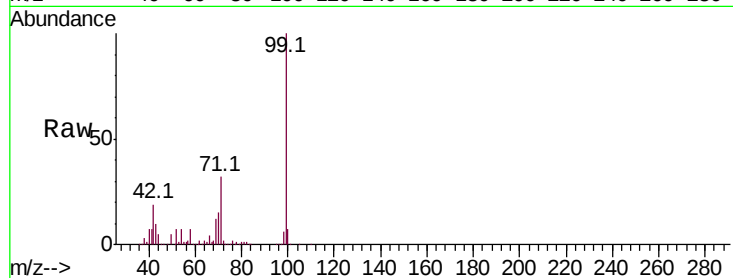
Tot Ion: 99 Resp: 905506

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

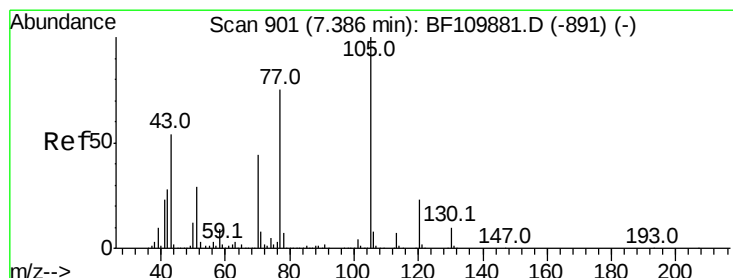
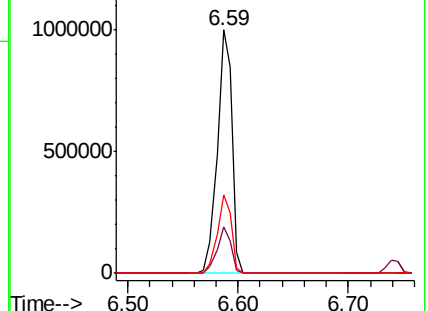
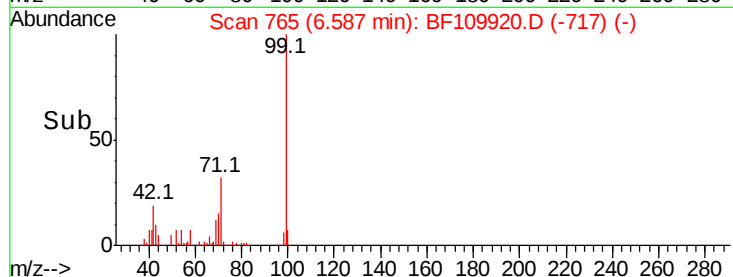
71 32.3 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.180 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF109920.D

Acq: 17 Oct 2018 13:19

Tgt Ion: 70 Resp: 70071

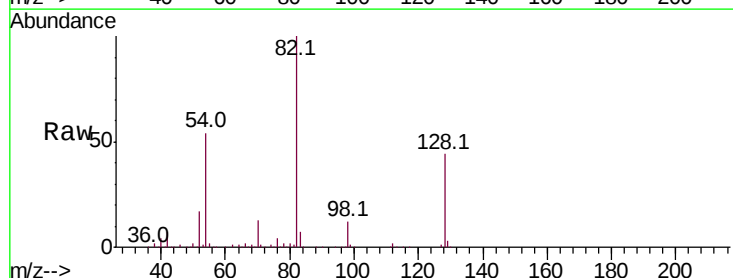
Ion Ratio Lower Upper

70 100

42 49.8 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

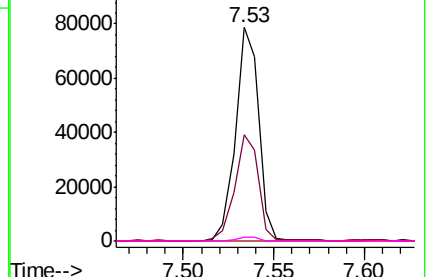
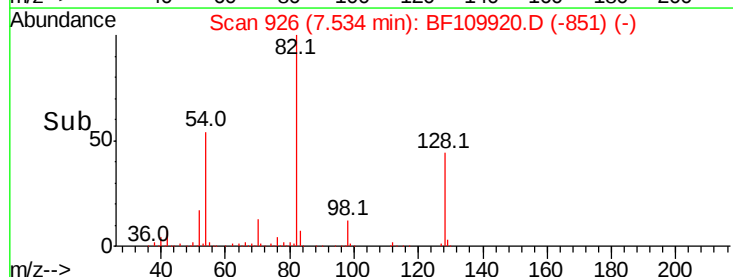


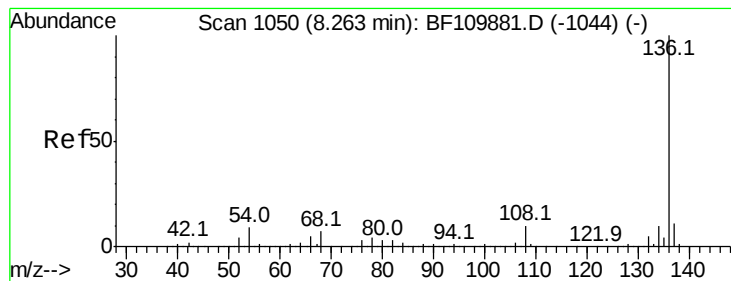
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF109920.D

Acq: 17 Oct 2018 13:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1087303

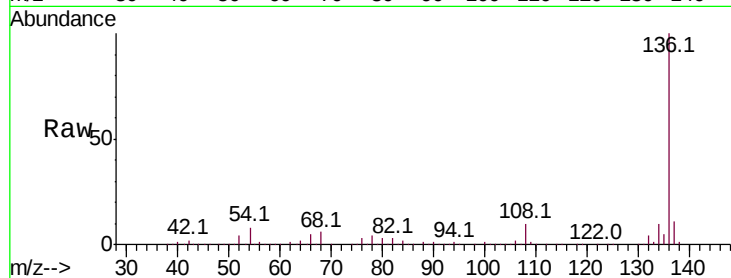
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.2 5.4 8.2#

68 6.2 4.2 6.2

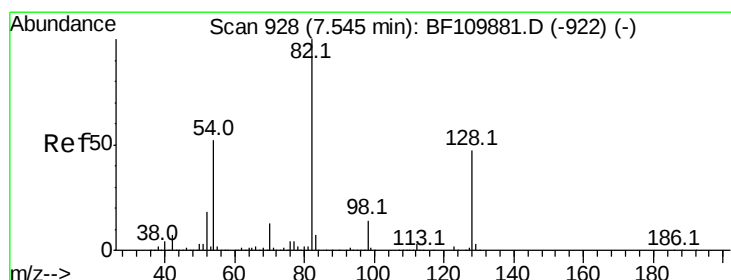
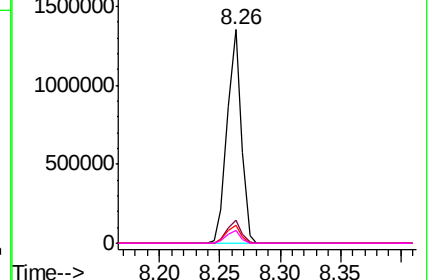
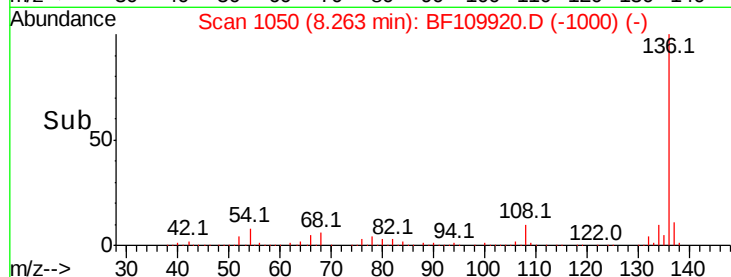


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.981 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF109920.D

Acq: 17 Oct 2018 13:19

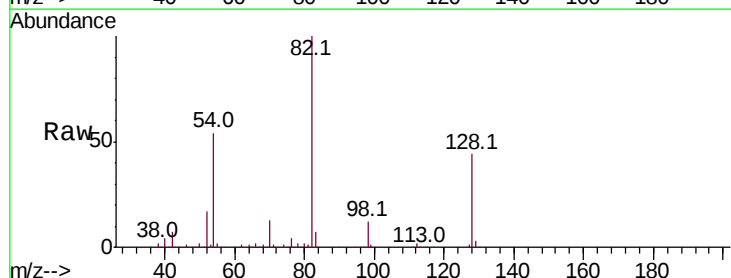
Tgt Ion: 82 Resp: 532335

Ion Ratio Lower Upper

82 100

128 43.6 34.2 51.2

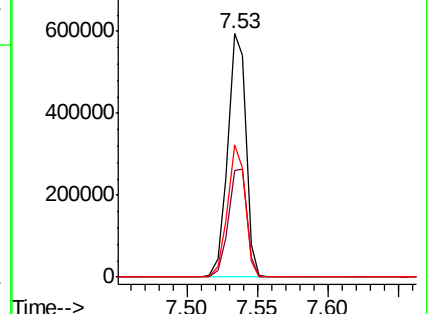
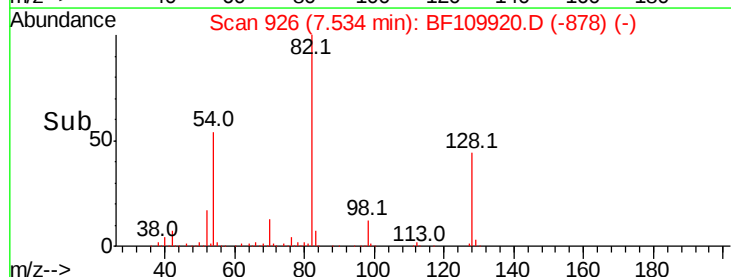
54 54.2 38.6 58.0

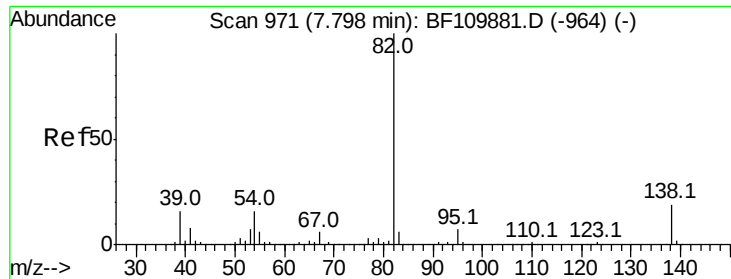


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 16.785 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF109920.D

Acq: 17 Oct 2018 13:19

Instrument :

BNA_F

ClientSampleId :

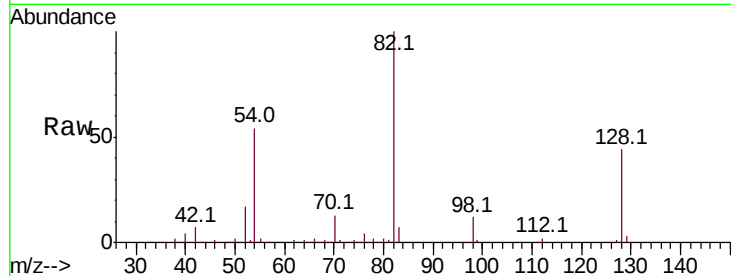
Tot Ion: 82 Resp: 532325

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

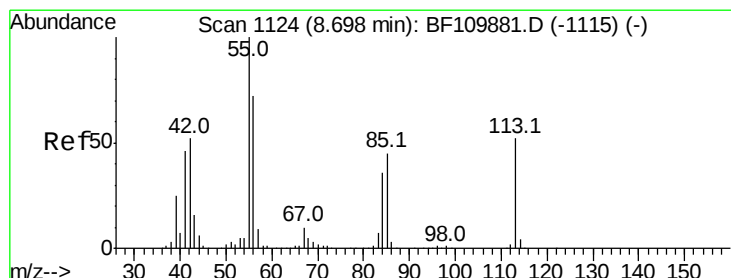
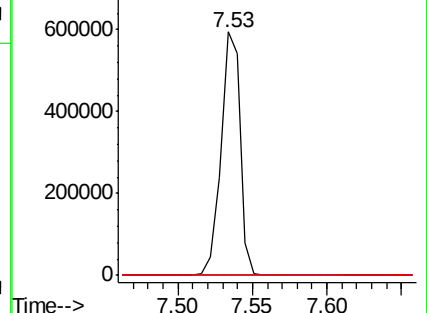
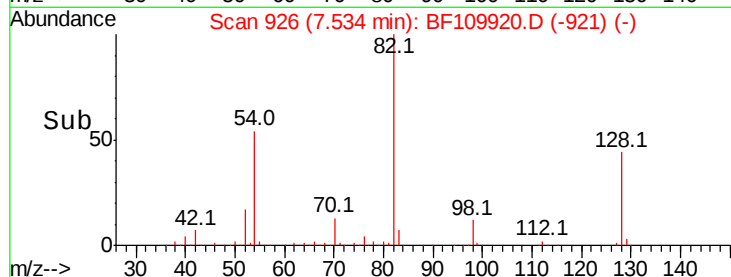
138 0.0 13.2 19.8#



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



#35

Caprolactam

Concen: 2.557 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.26 min

Lab File: BF109920.D

Acq: 17 Oct 2018 13:19

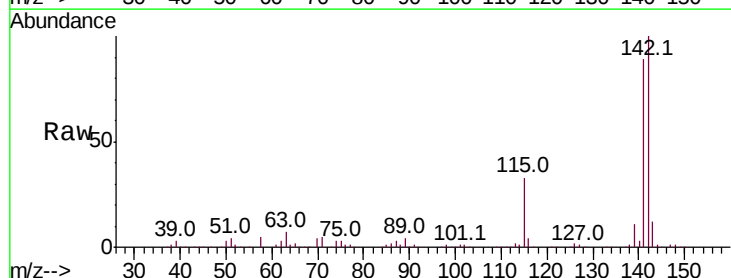
Tgt Ion: 113 Resp: 13456

Ion Ratio Lower Upper

113 100

55 9.6 142.8 182.8#

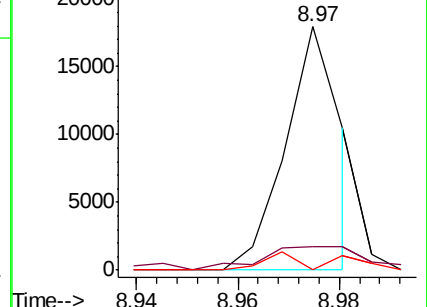
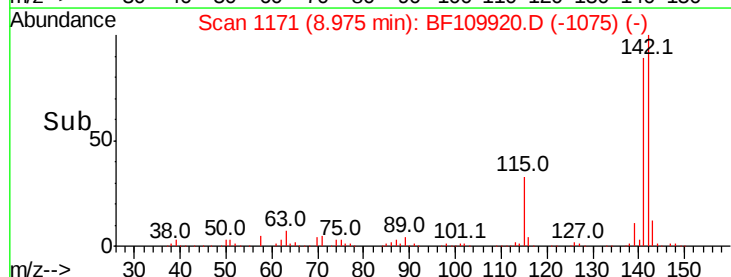
56 0.0 105.0 145.0#

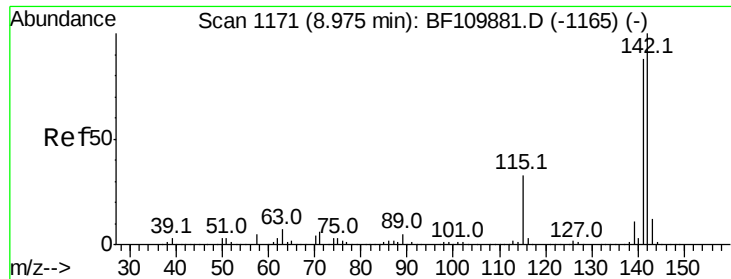


Abundance Ion 113.00 (112.70 to 113.70): BF1

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

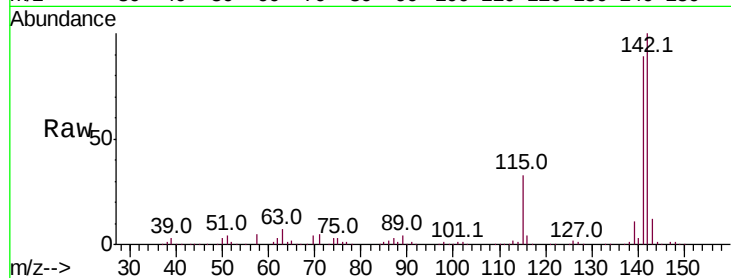




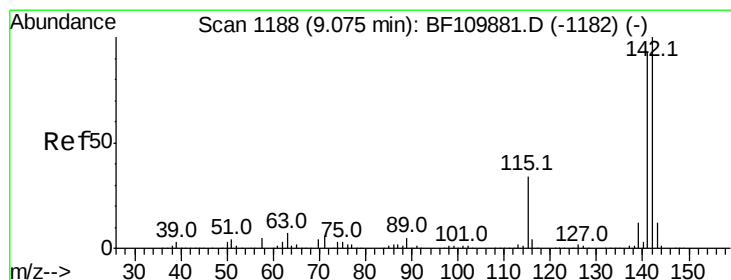
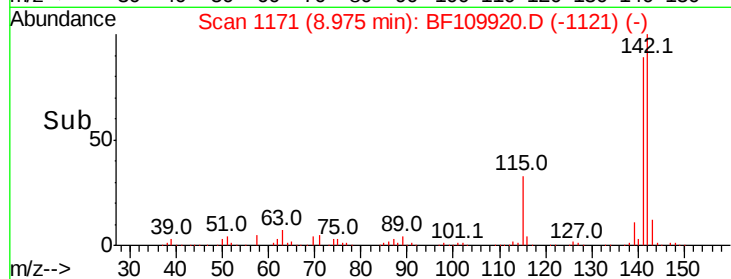
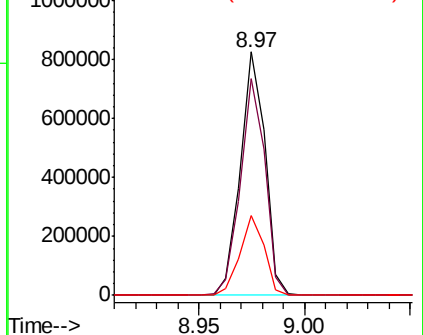
#37
2-Methylnaphthalene
Concen: 20.635 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	33.0	28.7	43.1

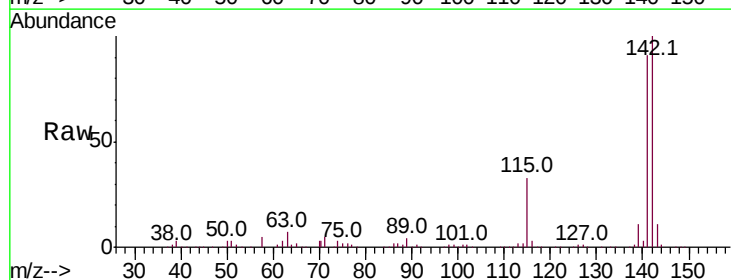


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

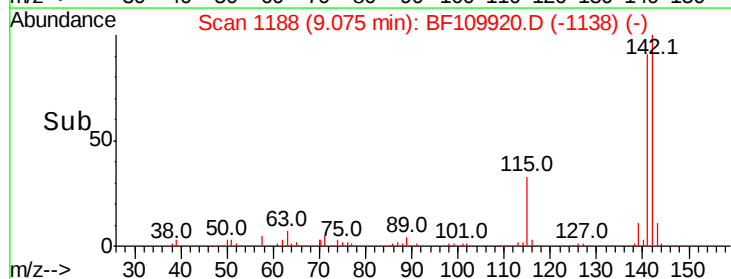
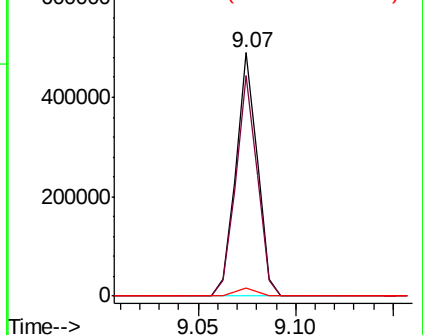


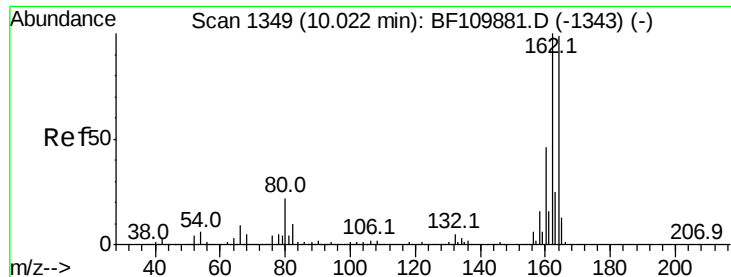
#38
1-Methylnaphthalene
Concen: 11.982 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.2	111.4
116	3.5	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

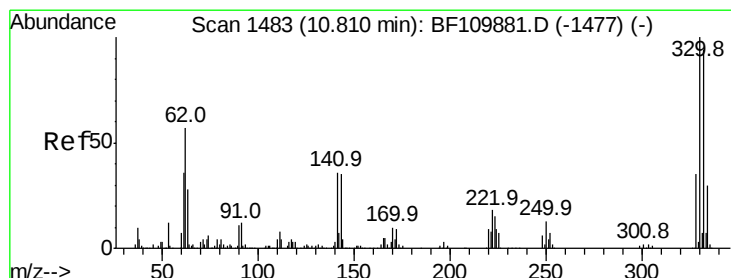
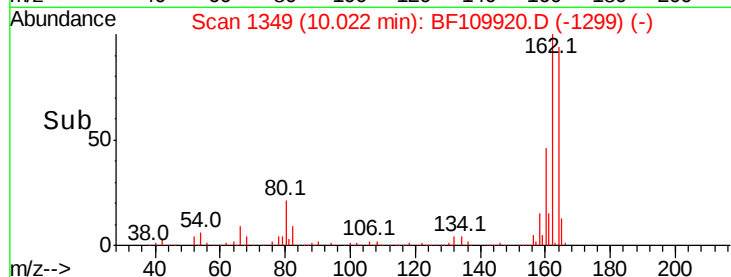
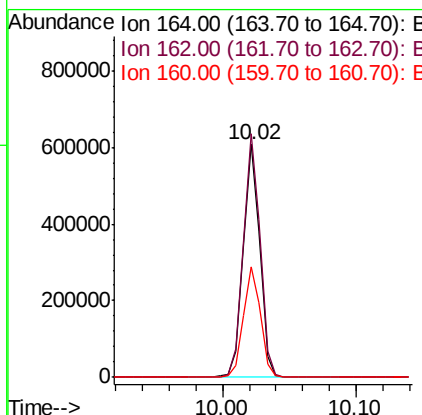
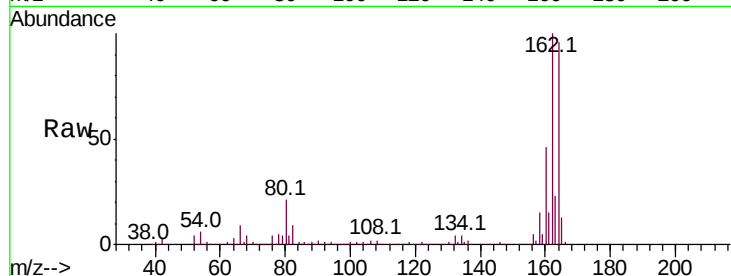




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109920.D
 Acq: 17 Oct 2018 13:19

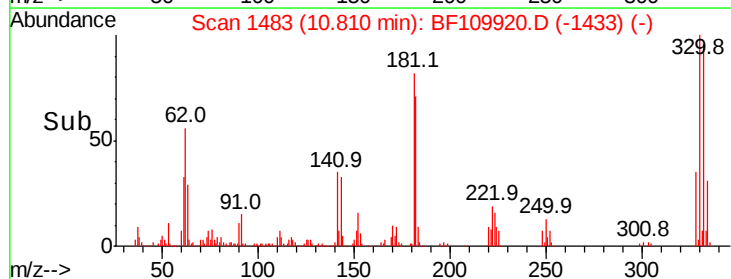
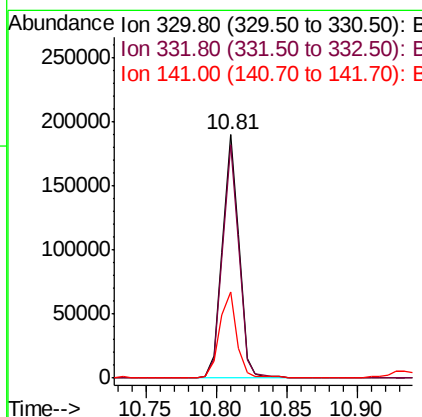
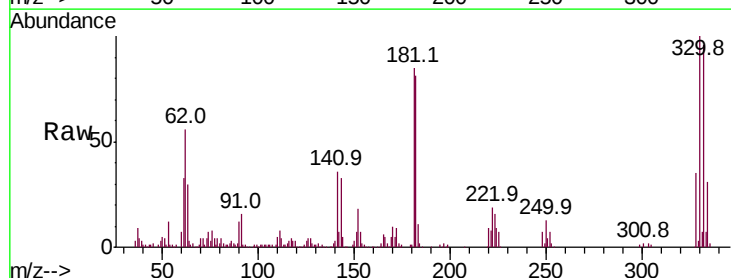
Instrument :
 BNA_F
 ClientSampleId :

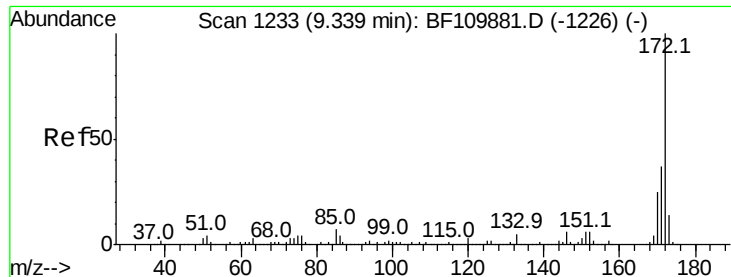
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.6
160	47.7	37.0	55.6



#42
 2,4,6-Tribromophenol
 Concen: 34.542 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109920.D
 Acq: 17 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	38.4	27.0	40.4

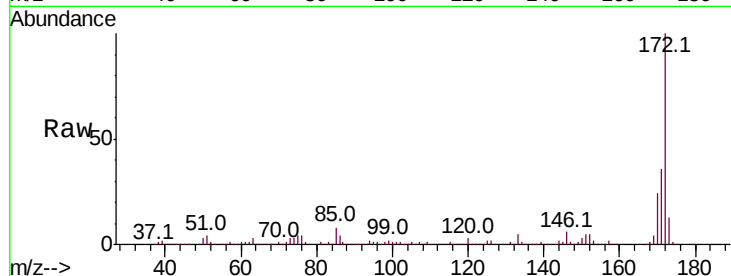




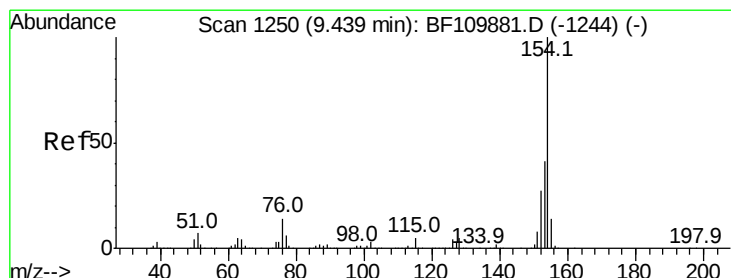
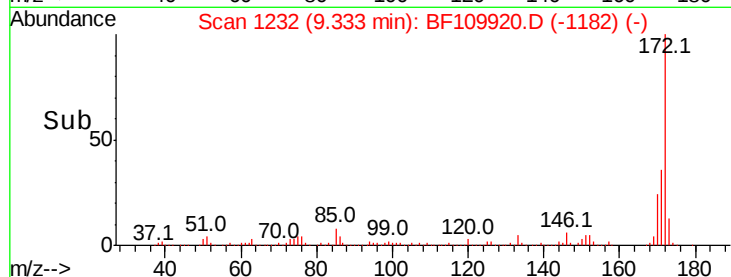
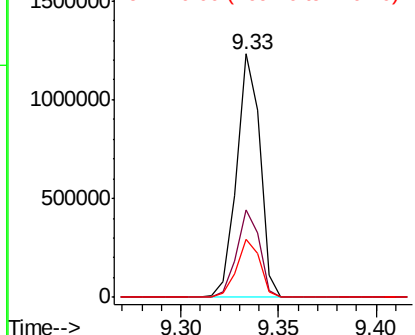
#45
2-Fluorobiphenyl
Concen: 31.221 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1024363
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.6 19.7 29.5

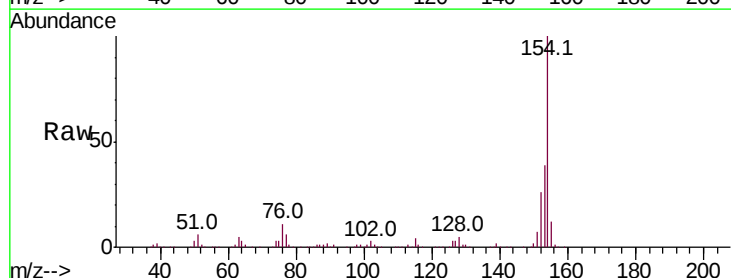


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

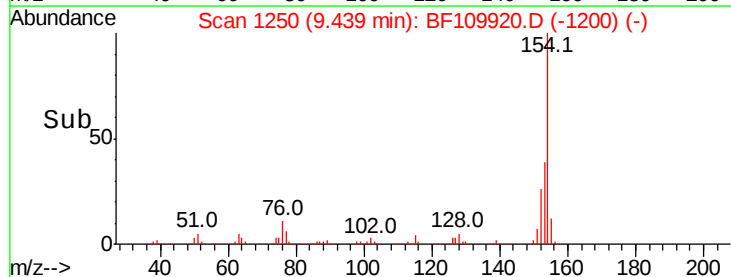
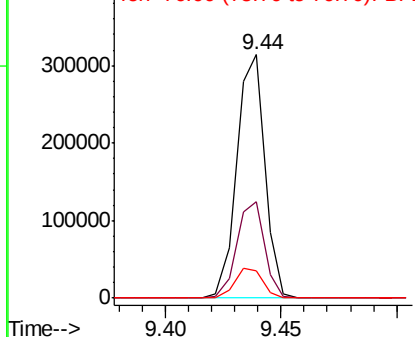


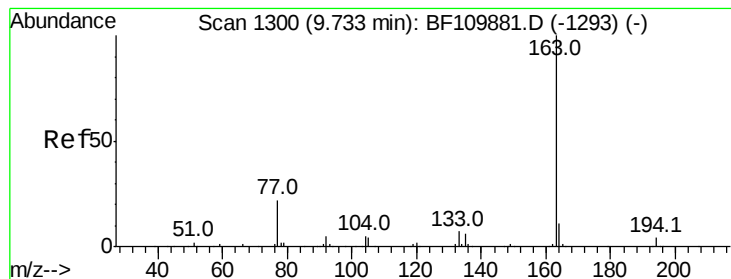
#46
1,1'-Biphenyl
Concen: 5.708 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Tgt Ion:154 Resp: 266261
Ion Ratio Lower Upper
154 100
153 39.5 20.4 60.4
76 11.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#50

Dimethylphthalate

Concen: 2.818 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF109920.D

Acq: 17 Oct 2018 13:19

Instrument :

BNA_F

ClientSampleId :

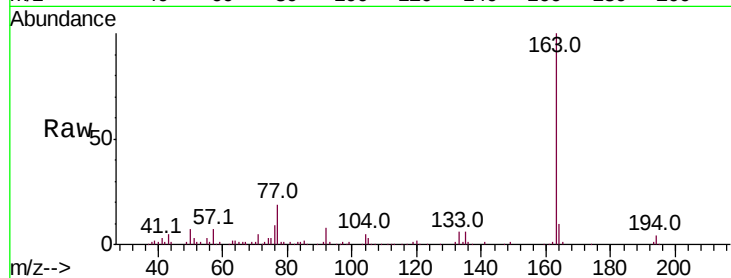
Tot Ion:163 Resp: 104457

Ion Ratio Lower Upper

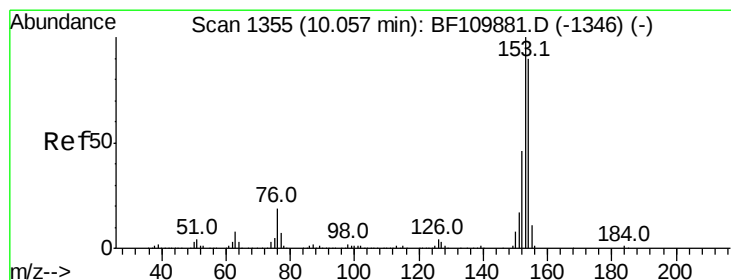
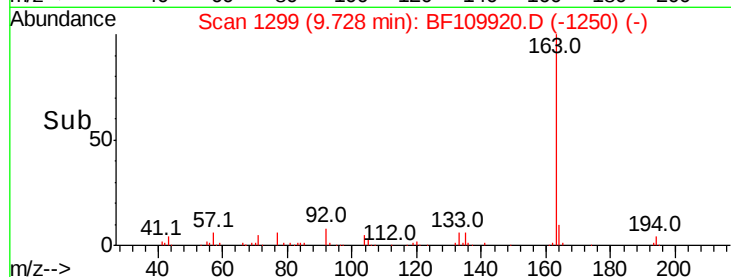
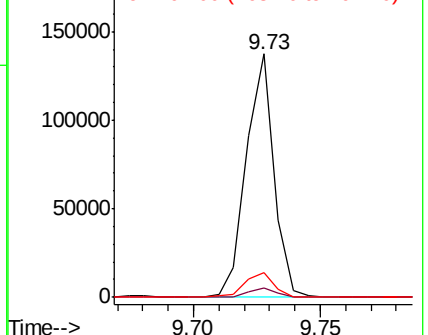
163 100

194 3.9 3.2 4.8

164 10.2 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: 22.645 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF109920.D

Acq: 17 Oct 2018 13:19

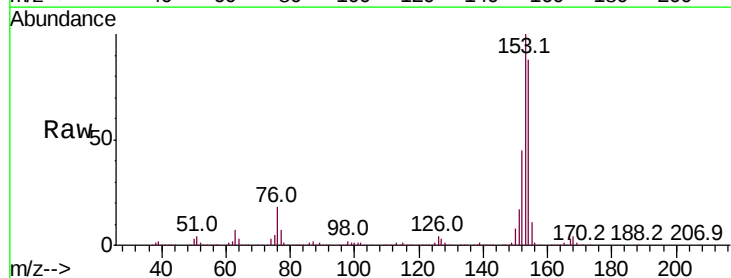
Tgt Ion:154 Resp: 719609

Ion Ratio Lower Upper

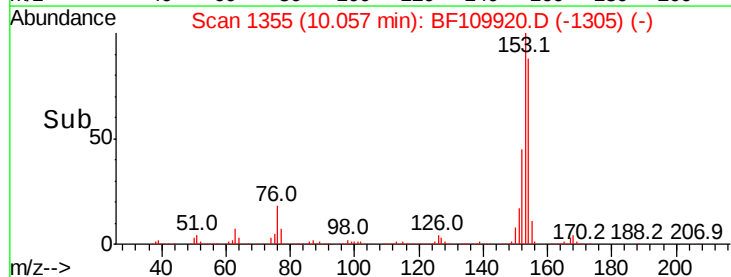
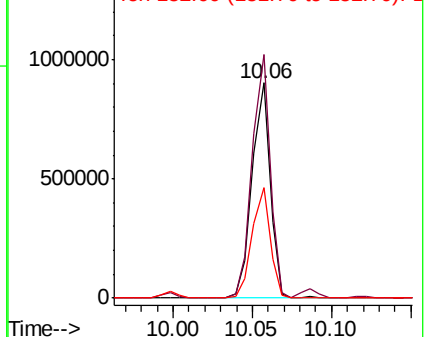
154 100

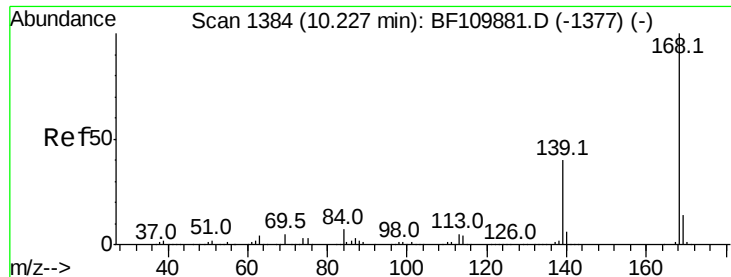
153 113.2 90.1 135.1

152 51.3 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

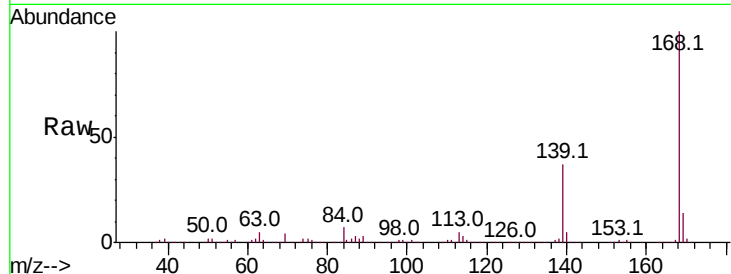




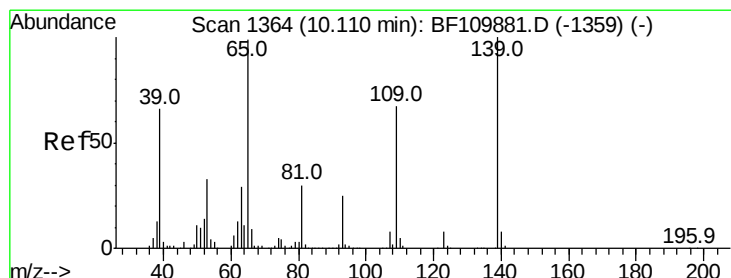
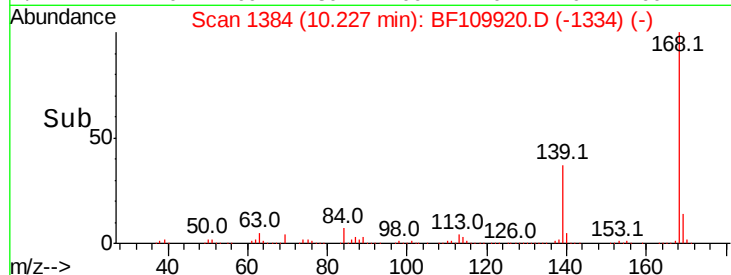
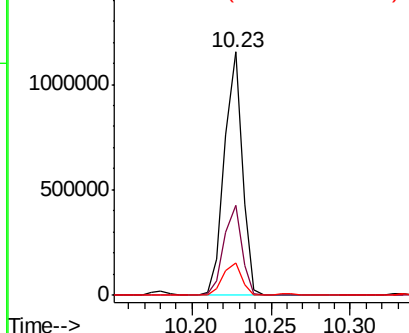
#55
Dibenzenofuran
Concen: 19.995 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 906187
Ion Ratio Lower Upper
168 100
139 36.9 33.0 49.6
169 13.5 11.3 16.9

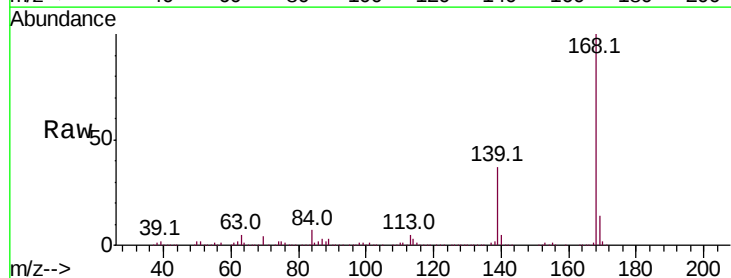


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

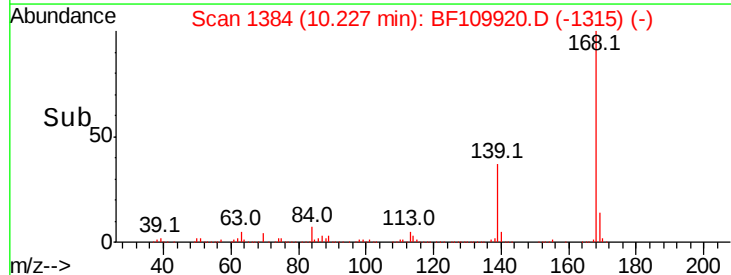
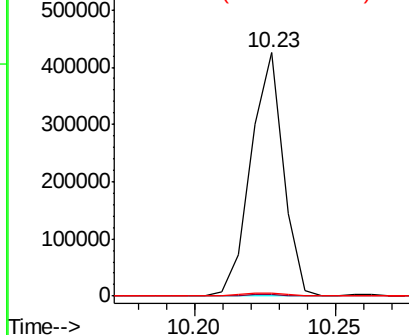


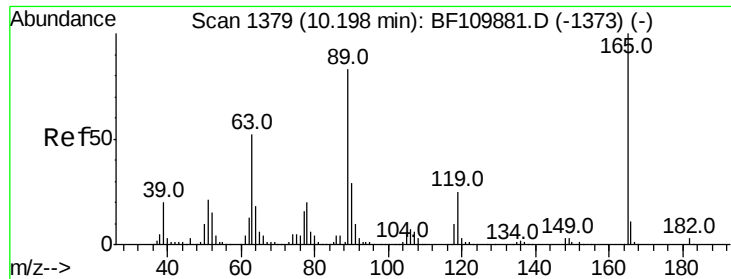
#56
4-Nitrophenol
Concen: 51.923 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.11 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Tgt Ion:139 Resp: 339333
Ion Ratio Lower Upper
139 100
109 0.9 55.8 95.8#
65 1.3 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

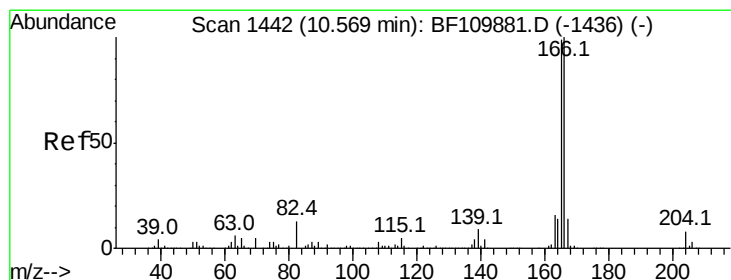
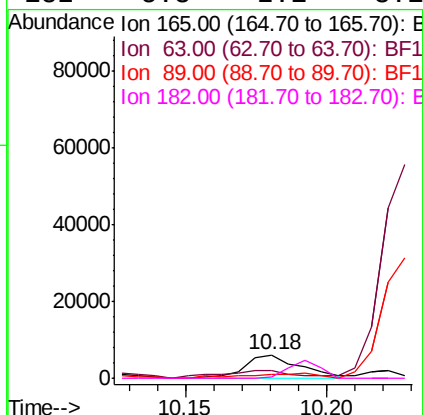
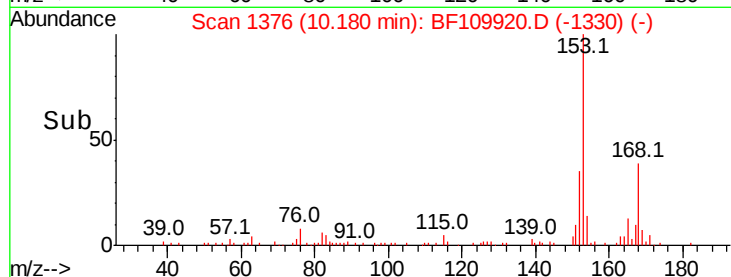
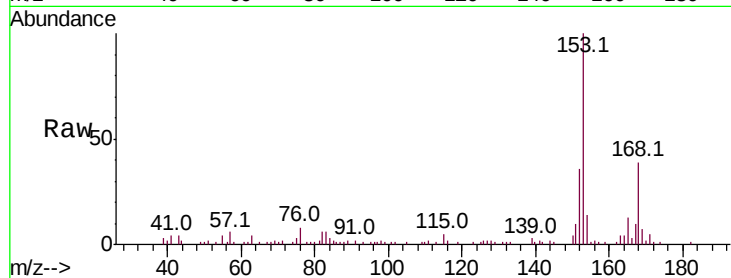




#57
2,4-Dinitrotoluene
Concen: 5.403 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

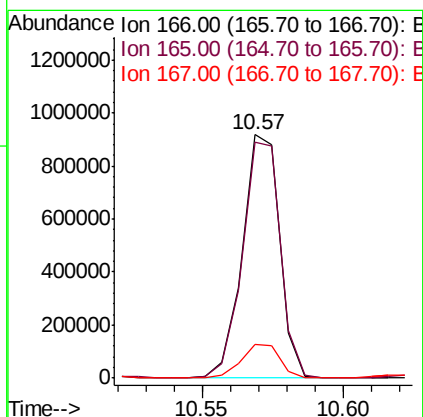
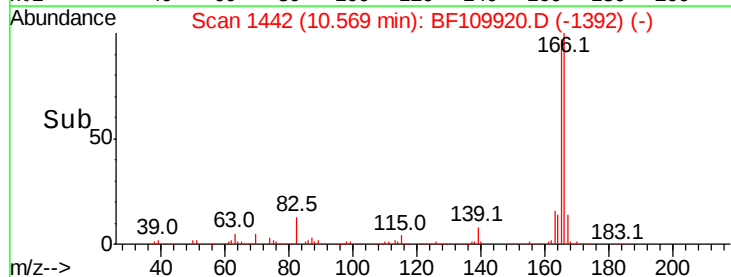
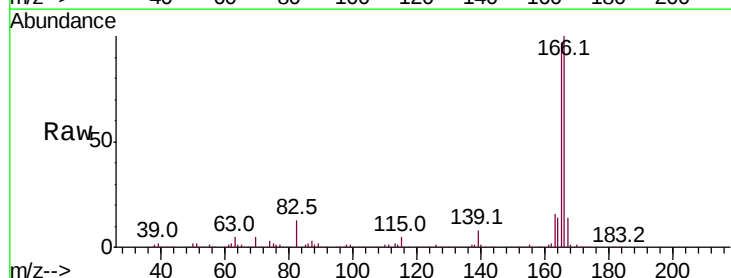
Instrument :
BNA_F
ClientSampleId :

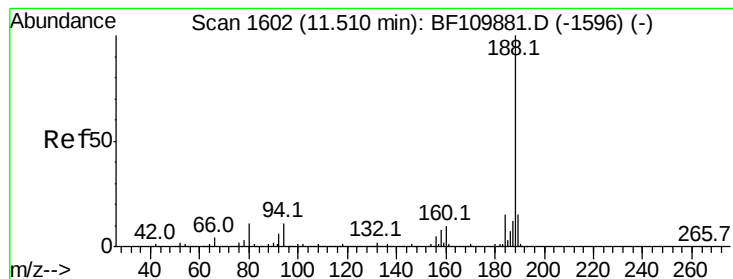
Tot Ion:165 Resp: 8059
Ion Ratio Lower Upper
165 100
63 33.3 44.8 67.2#
89 14.1 62.2 93.4#
182 5.3 2.1 3.1#



#58
Fluorene
Concen: 25.403 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Tgt Ion:166 Resp: 838076
Ion Ratio Lower Upper
166 100
165 96.9 78.6 117.8
167 13.9 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: BF109920.D

Acq: 17 Oct 2018 13:19

Instrument :

BNA_F

ClientSampled :

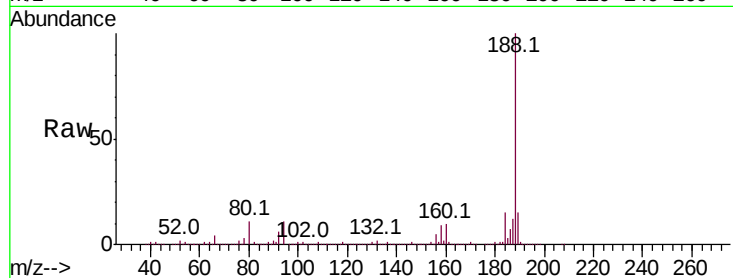
Tot Ion:188 Resp: 996314

Ion Ratio Lower Upper

188 100

94 10.7 7.2 10.8

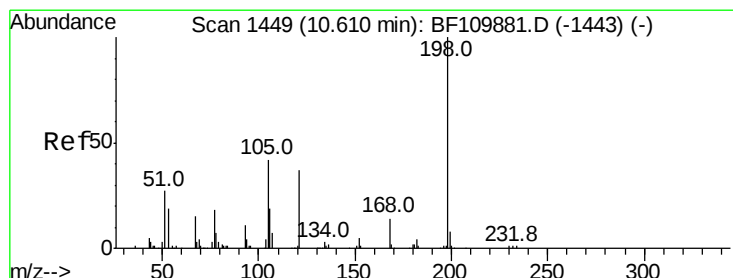
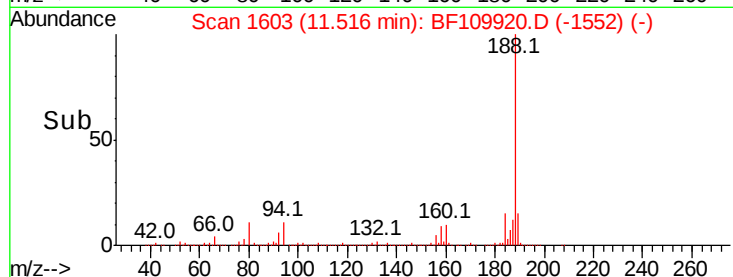
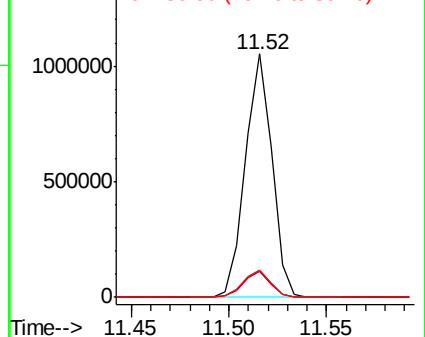
80 11.1 7.9 11.9



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: 7.977 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.19 min

Lab File: BF109920.D

Acq: 17 Oct 2018 13:19

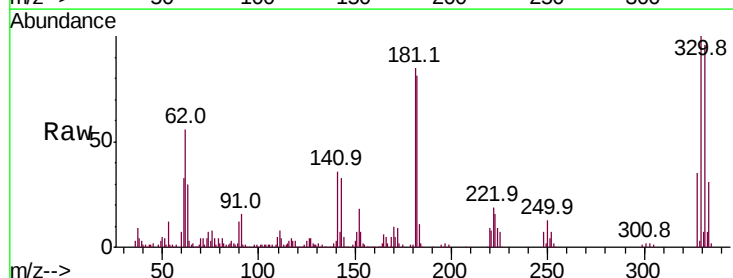
Tgt Ion:198 Resp: 313

Ion Ratio Lower Upper

198 100

51 1422.4 22.8 62.8#

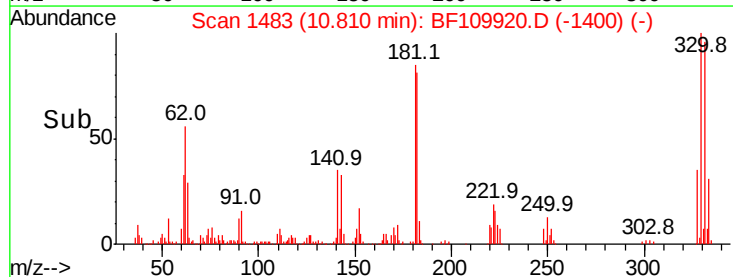
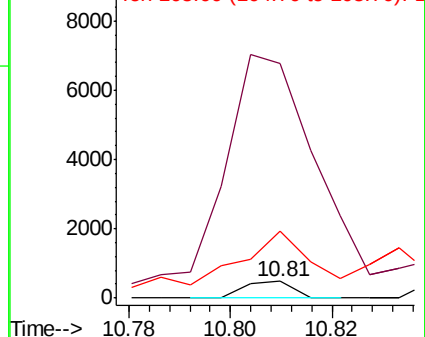
105 402.9 23.6 63.6#

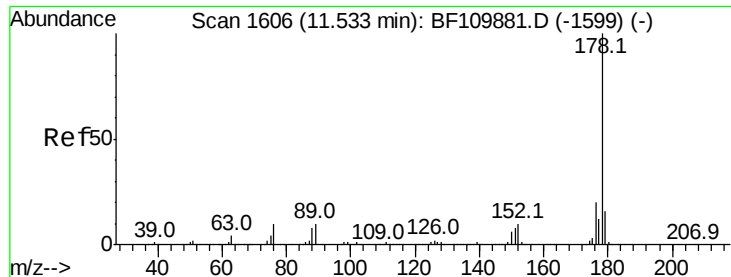


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

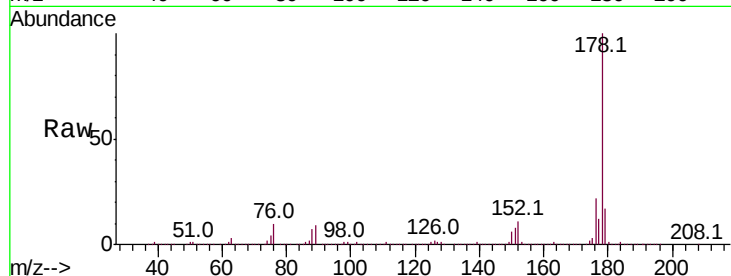




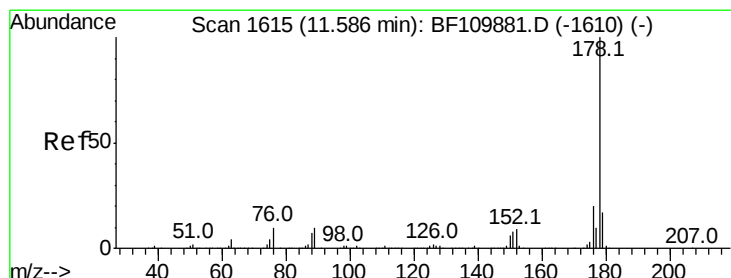
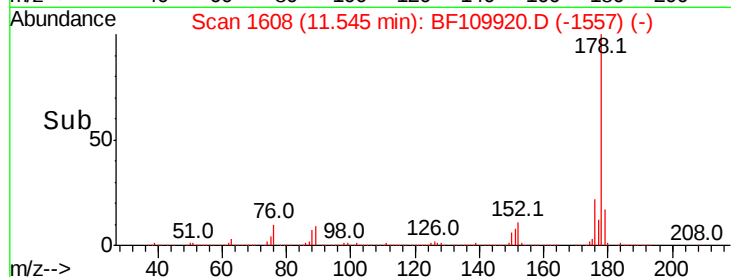
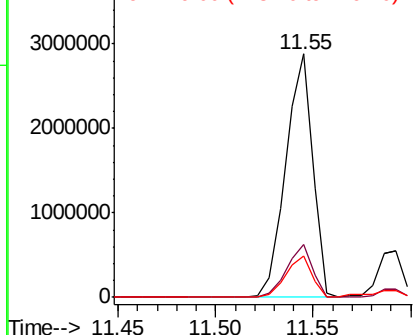
#71
Phenanthrene
Concen: 53.466 ng
RT: 11.55 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 2757742
Ion Ratio Lower Upper
178 100
176 21.6 15.5 23.3
179 17.0 12.5 18.7

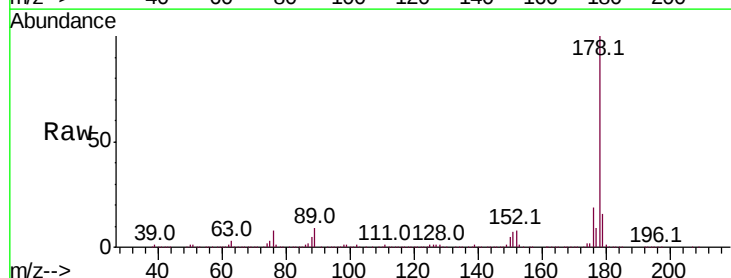


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

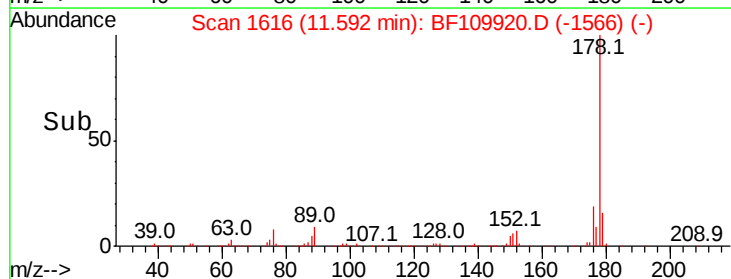
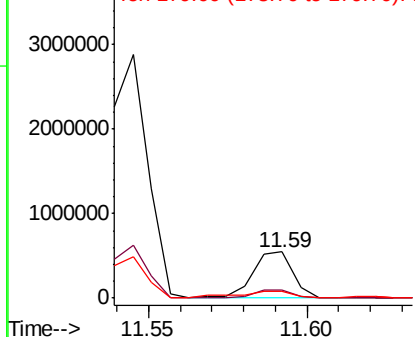


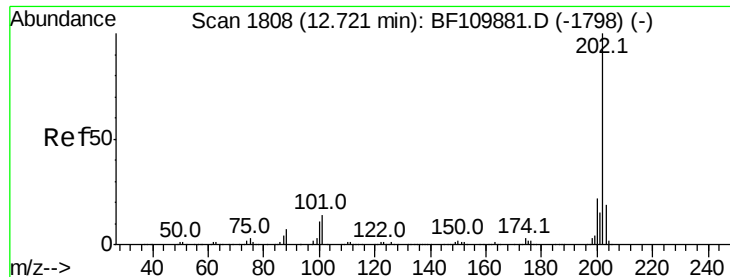
#72
Anthracene
Concen: 9.152 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Tgt Ion:178 Resp: 474571
Ion Ratio Lower Upper
178 100
176 18.6 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





#75

Fluoranthene

Concen: 34.843 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF109920.D

Acq: 17 Oct 2018 13:19

Instrument :

BNA_F

ClientSampled :

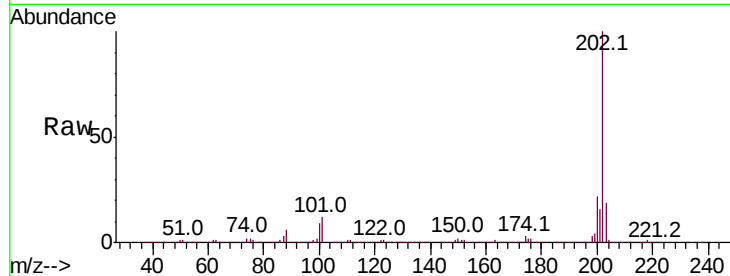
Tot Ion:202 Resp: 1795375

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.4

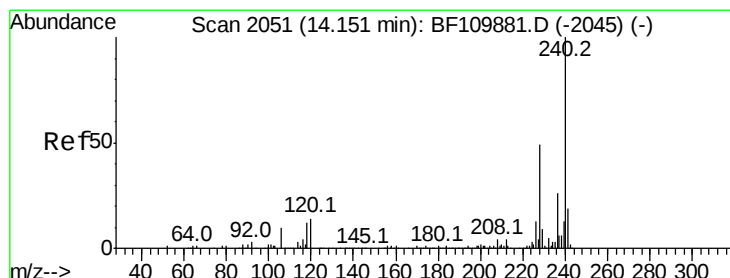
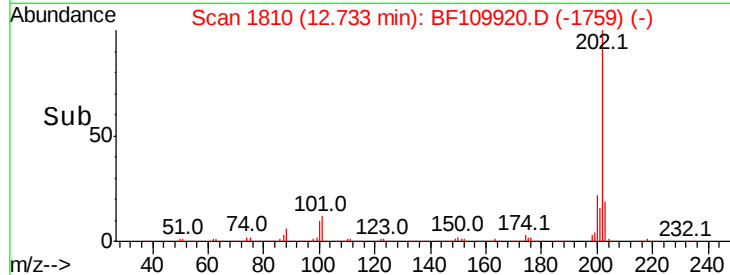
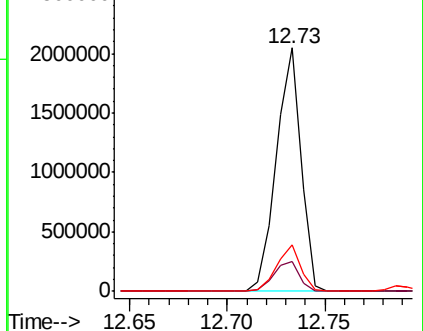
203 18.9 0.0 37.7



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# 2053

Delta R.T. -0.00 min

Lab File: BF109920.D

Acq: 17 Oct 2018 13:19

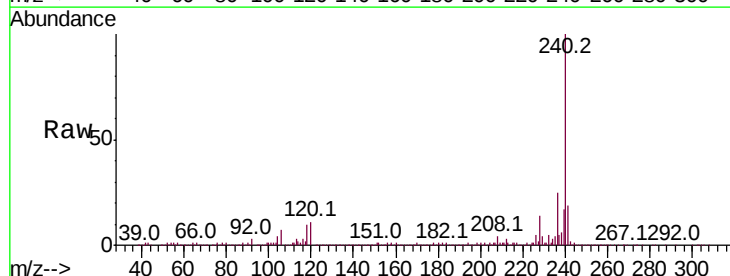
Tgt Ion:240 Resp: 670457

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

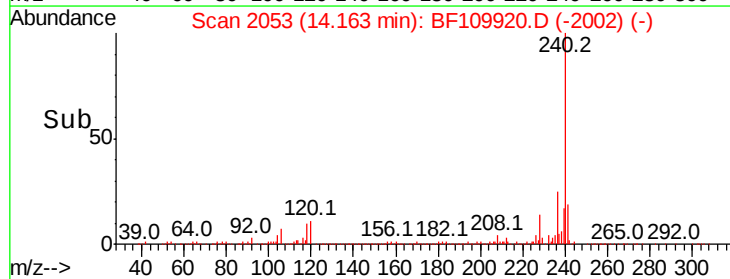
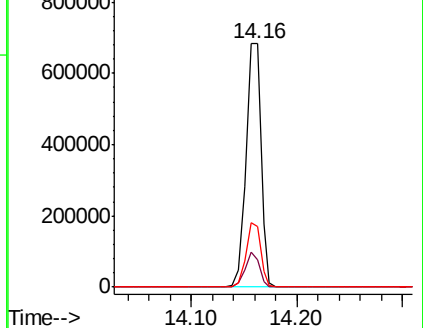
236 25.0 21.2 31.8

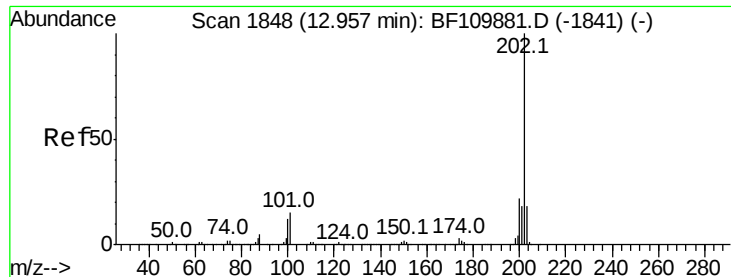


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

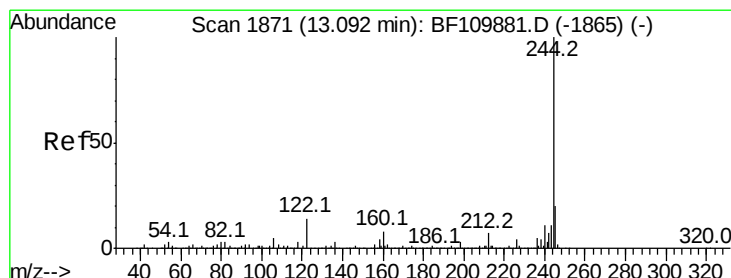
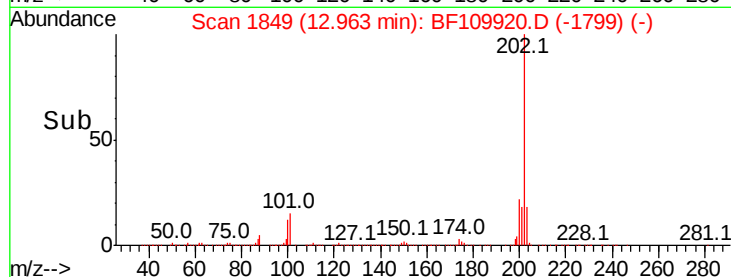
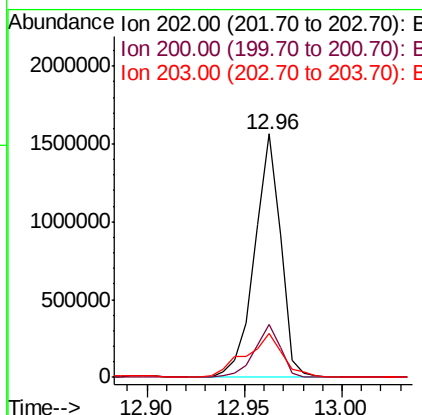
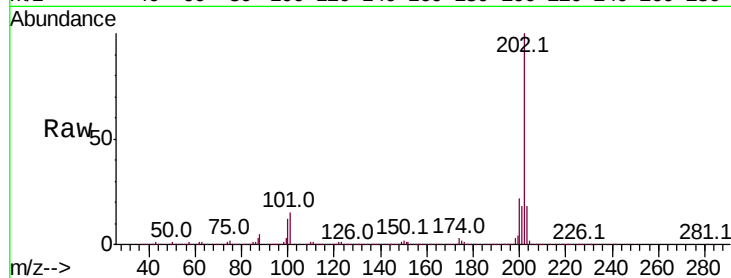




#78
Pvrene
Concen: 29.466 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

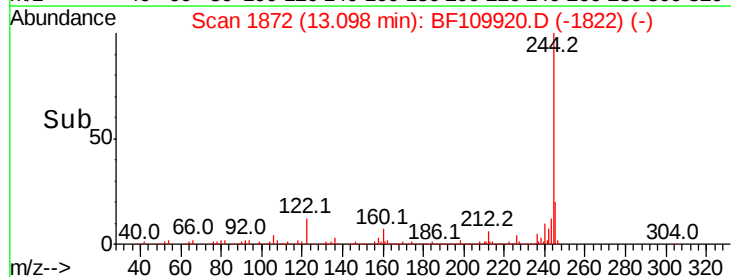
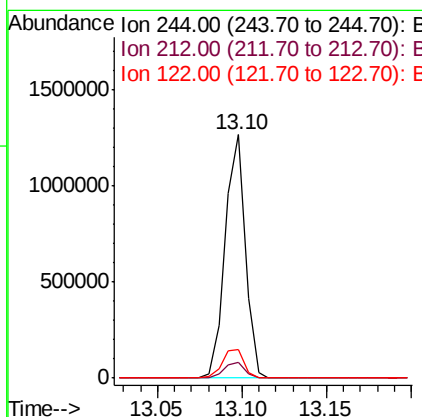
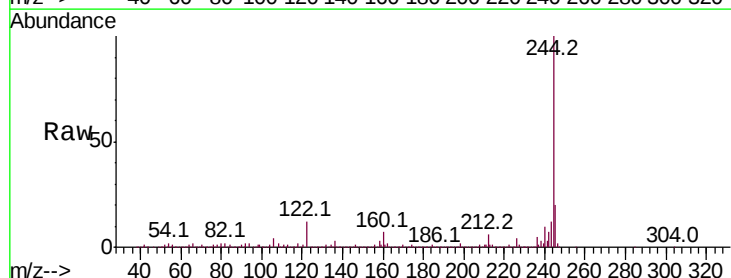
Instrument :
BNA_F
ClientSampleId :

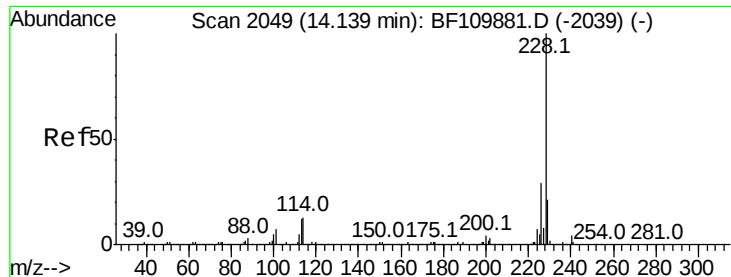
Tot Ion:202 Resp: 1451008
Ion Ratio Lower Upper
202 100
200 21.7 17.8 26.6
203 18.3 14.2 21.4



#79
Terphenyl-d14
Concen: 32.934 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Tgt Ion:244 Resp: 1051490
Ion Ratio Lower Upper
244 100
212 6.4 5.8 8.8
122 11.6 8.7 13.1

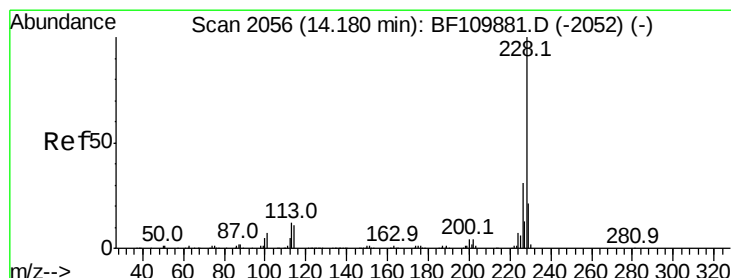
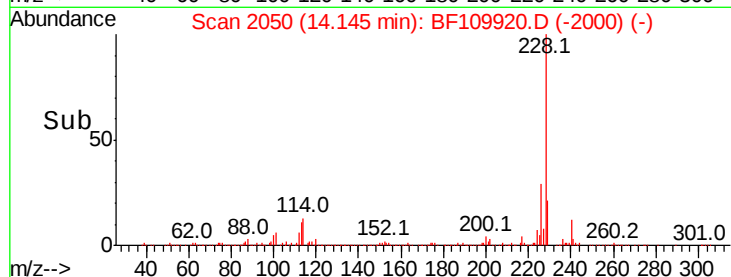
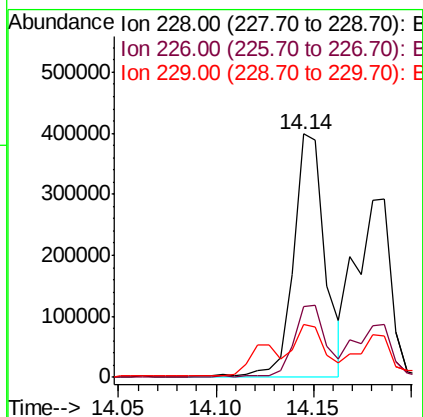
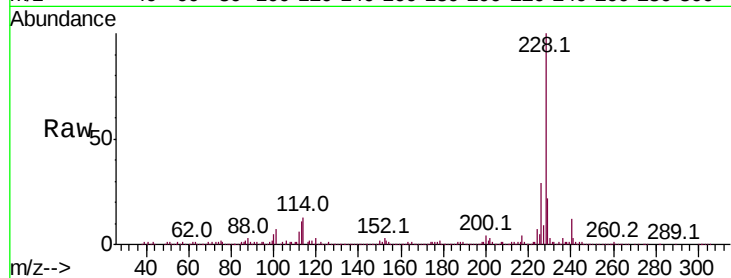




#81
Benzo(a)anthracene
Concen: 11.247 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

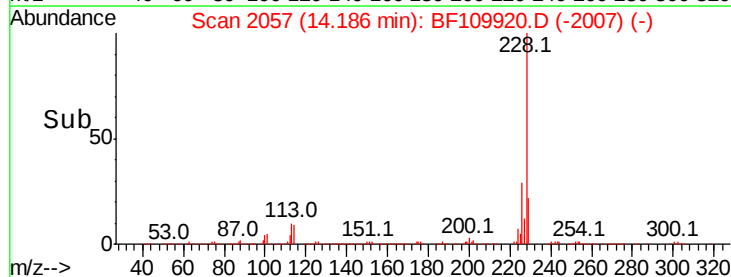
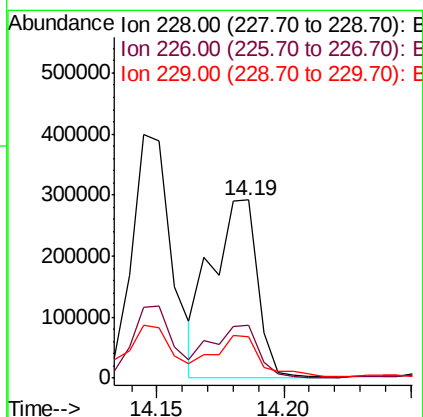
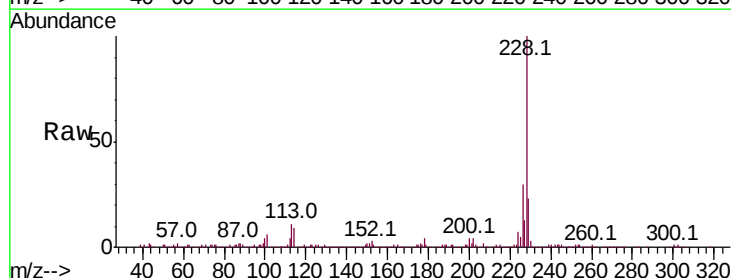
Instrument :
BNA_F
ClientSampled :

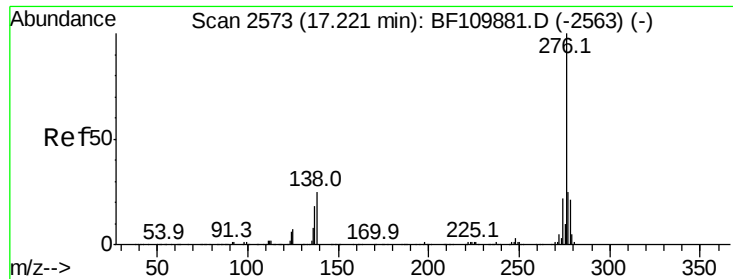
Tot Ion:228 Resp: 444171
Ion Ratio Lower Upper
228 100
226 29.2 22.1 33.1
229 21.6 15.6 23.4



#83
Chrysene
Concen: 9.673 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Tgt Ion:228 Resp: 363609
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 23.4 15.9 23.9

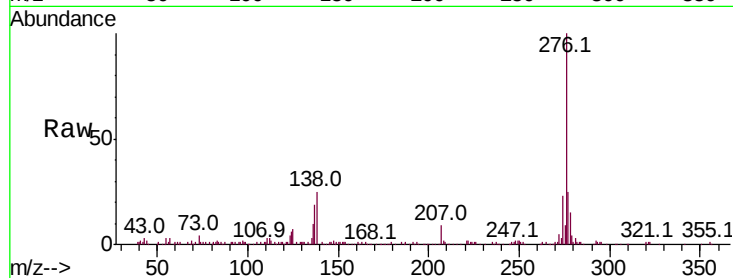




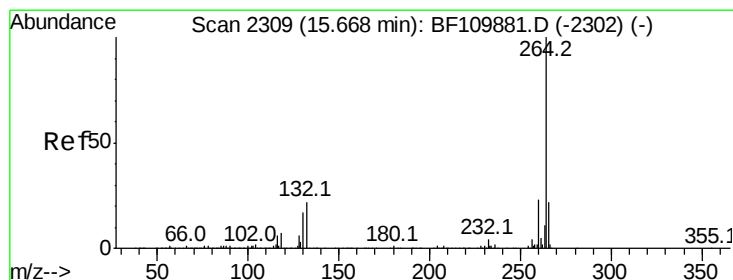
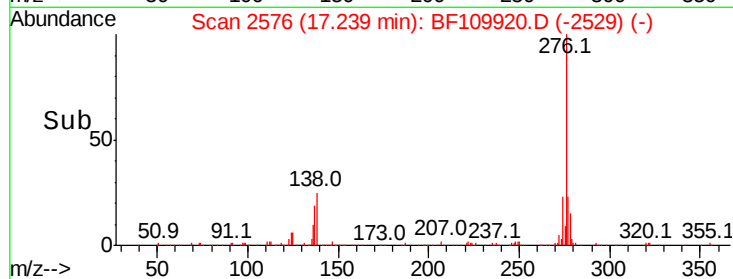
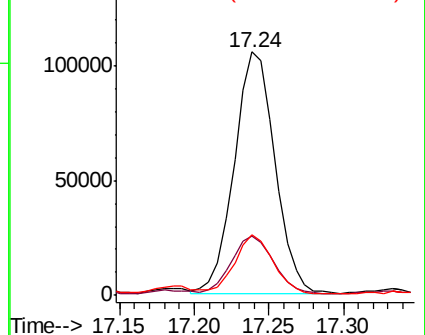
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.580 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	18.5	27.7
277	23.0	20.0	30.0

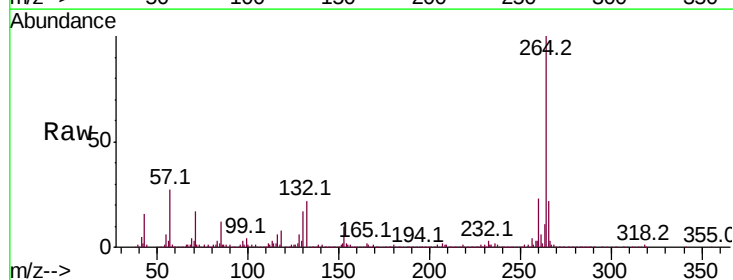


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

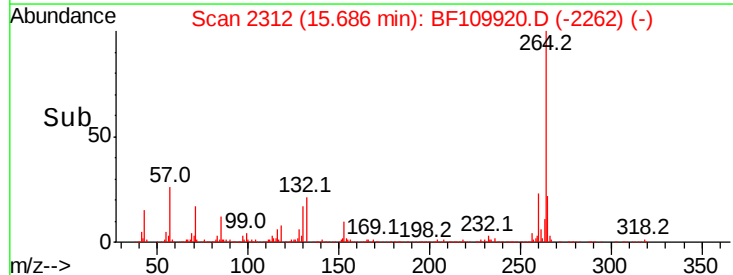
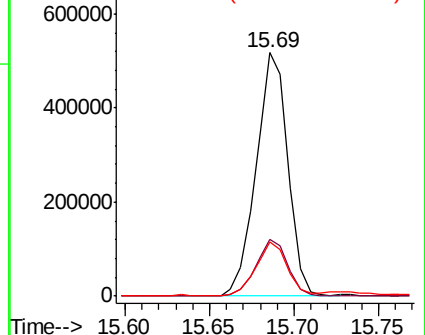


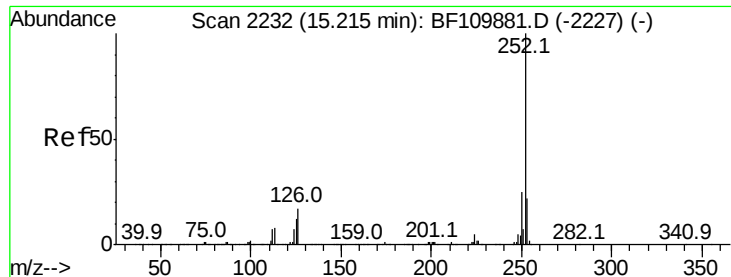
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.1	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





#88

Benzo(b)fluoranthene

Concen: 20.792 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.00 min

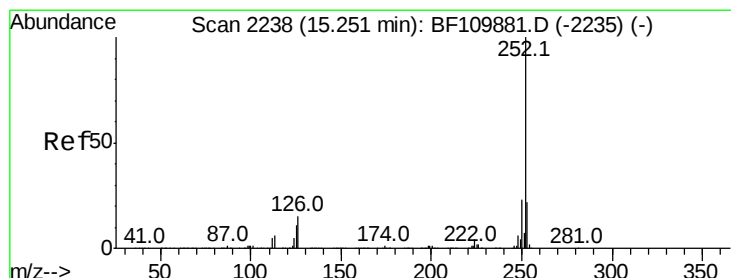
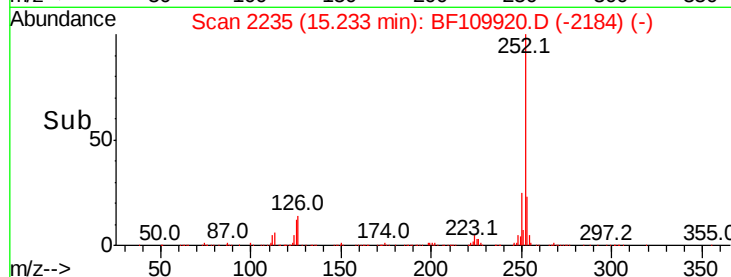
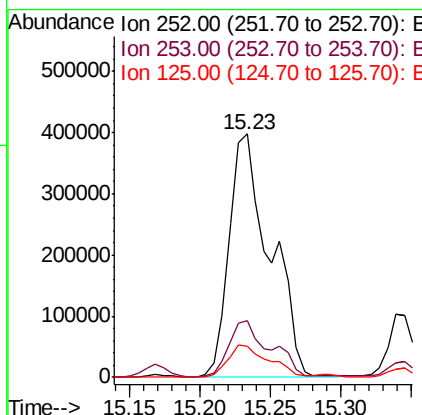
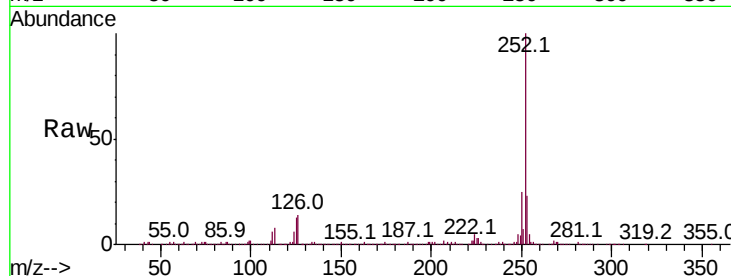
Lab File: BF109920.D

Acq: 17 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 803704

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	12.9	8.2	12.4#



#89

Benzo(k)fluoranthene

Concen: 21.095 ng

RT: 15.23 min Scan# 2235

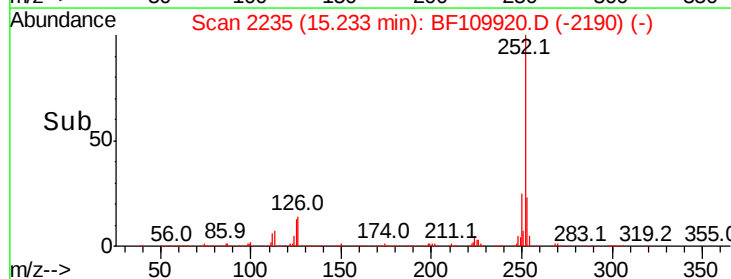
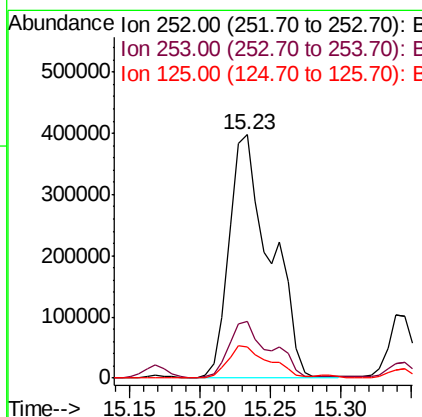
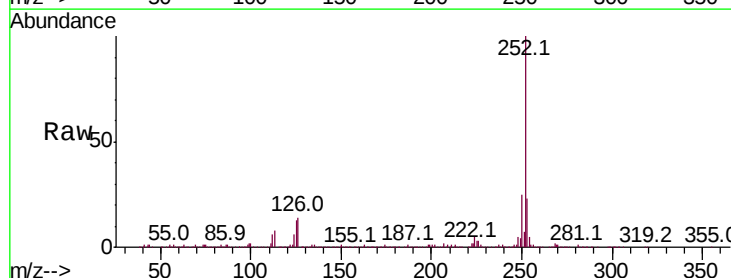
Delta R.T. -0.04 min

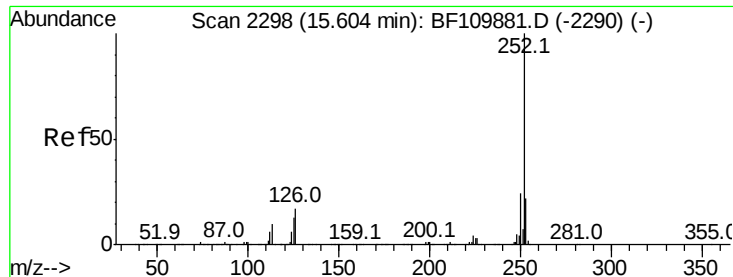
Lab File: BF109920.D

Acq: 17 Oct 2018 13:19

Tgt Ion:252 Resp: 803704

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	12.9	7.4	11.0#

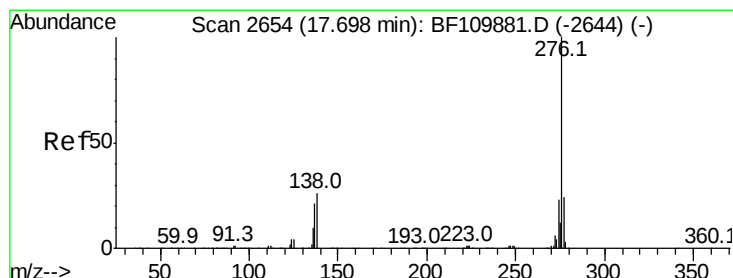
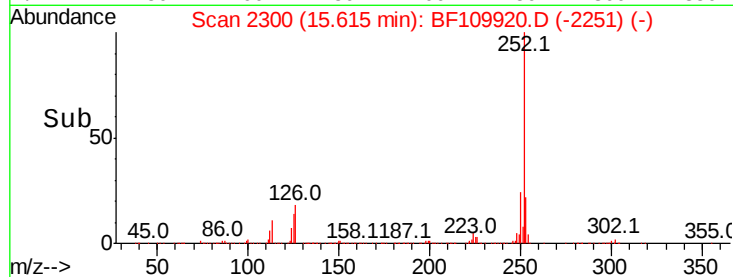
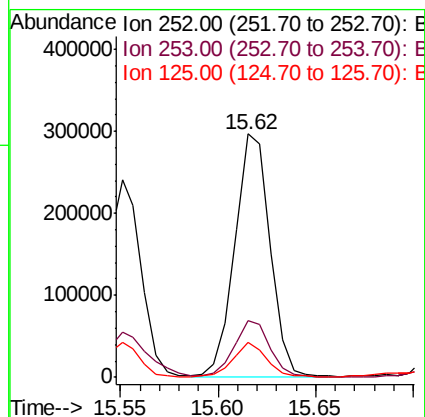
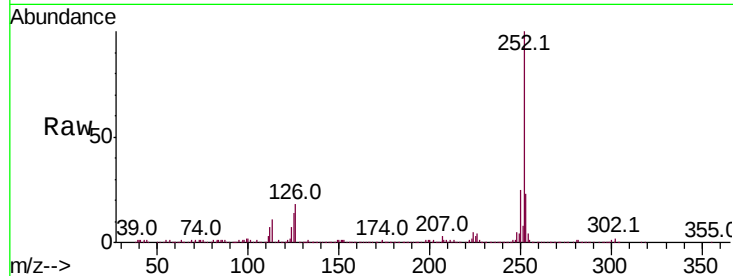




#90
Benzo(a)pyrene
Concen: 10.373 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 368779
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 14.2 9.0 13.6#



#92
Benzo(g,h,i)perylene
Concen: 5.415 ng
RT: 17.72 min Scan# 2657
Delta R.T. -0.02 min
Lab File: BF109920.D
Acq: 17 Oct 2018 13:19

Tgt Ion:276 Resp: 172358
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 25.7 16.0 24.0#

