

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF108995.D
 Acq On : 14 Sep 2018 15:29
 Operator : JU/SJ
 Sample : J4898-01 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 16:21:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149359	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	569503	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	284746	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	548919	20.00	ng	0.00
75) Chrysene-d12	13.86	240	342015	20.00	ng	0.00
86) Perylene-d12	15.27	264	402983	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	78851	8.77	ng	-0.01
7) Phenol-d6	6.34	99	105533	9.10	ng	-0.02
23) Nitrobenzene-d5	7.27	82	61374	6.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	24491	7.93	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	118884	6.54	ng	0.00
78) Terphenyl-d14	12.81	244	119585	8.29	ng	0.00

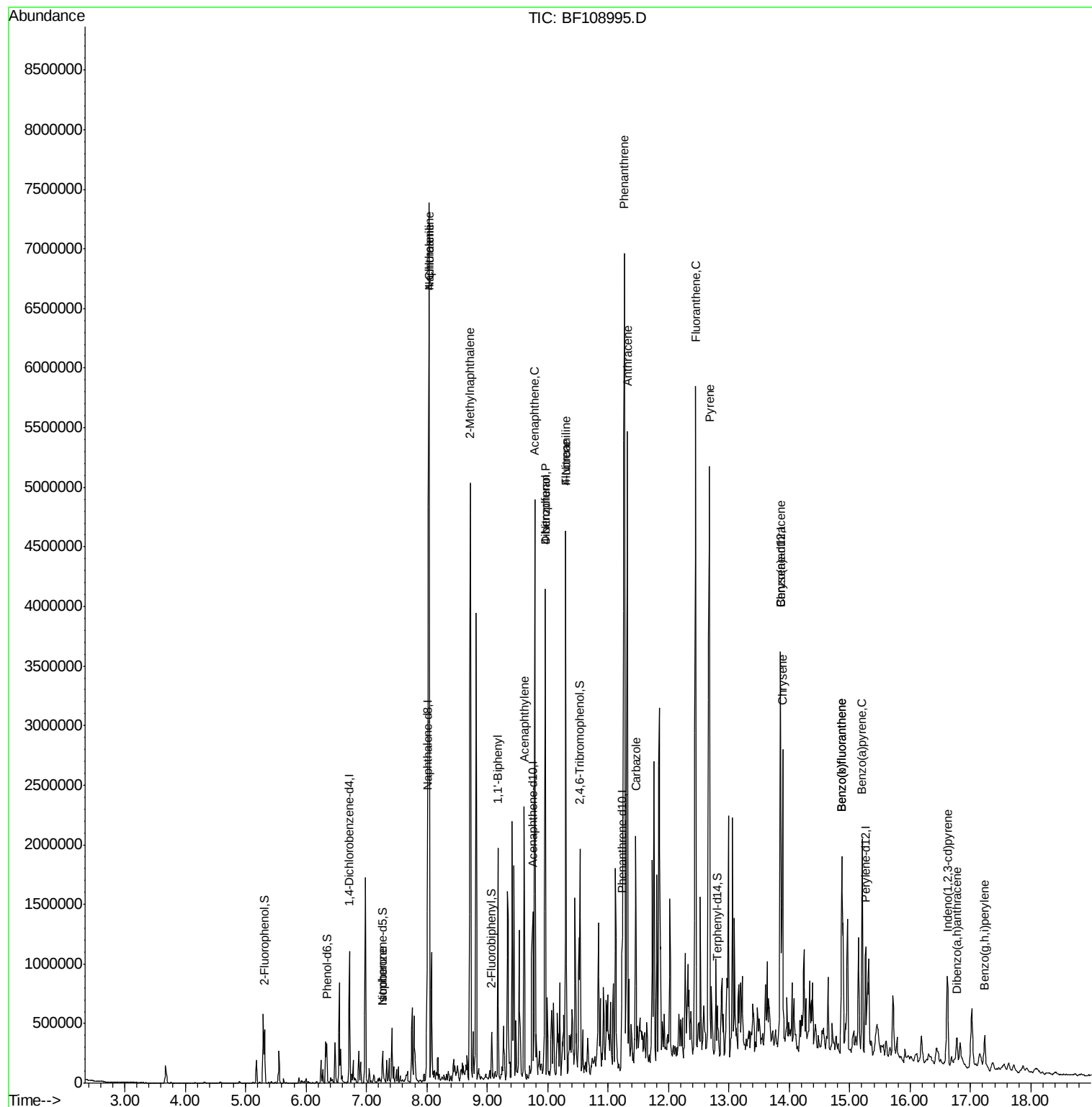
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.27	82	58910	3.375	ng	# 65
31) Naphthalene	8.04	128	4931410	186.564	ng	# 93
33) 4-Chloroaniline	8.04	127	754850	64.228	ng	# 35
37) 2-Methylnaphthalene	8.72	142	1603549	93.064	ng	97
45) 1,1'-Biphenyl	9.18	154	512080	22.479	ng	97
48) Acenaphthylene	9.61	152	658936	23.955	ng	97
51) Acenaphthene	9.79	154	1083571	63.262	ng	99
54) Dibenzofuran	9.96	168	1440792	58.209	ng	95
55) 4-Nitrophenol	9.96	139	562992	143.780	ng	# 10
57) Fluorene	10.31	166	1460022	88.514	ng	99
61) 4-Nitroaniline	10.30	138	17139	3.394	ng	# 24
70) Phenanthrene	11.28	178	4331195	160.963	ng	95
71) Anthracene	11.32	178	2211239	81.067	ng	97
72) Carbazole	11.46	167	689378	25.531	ng	99
74) Fluoranthene	12.45	202	2939651	103.483	ng	97
77) Pyrene	12.68	202	2453399	96.574	ng	97
80) Benzo(a)anthracene	13.85	228	1210523	58.460	ng	93
82) Chrysene	13.89	228	979675	47.288	ng	97
85) Indeno(1,2,3-cd)pyrene	16.62	276	466468	28.163	ng	# 89
87) Benzo(b)fluoranthene	14.87	252	1352395	60.662	ng	96
88) Benzo(k)fluoranthene	14.87	252	1352395	64.948	ng	98
89) Benzo(a)pyrene	15.21	252	839466	42.400	ng	97
90) Dibenzo(a,h)anthracene	16.78	278	142947	8.594	ng	94
91) Benzo(g,h,i)perylene	17.24	276	195407	11.750	ng	90

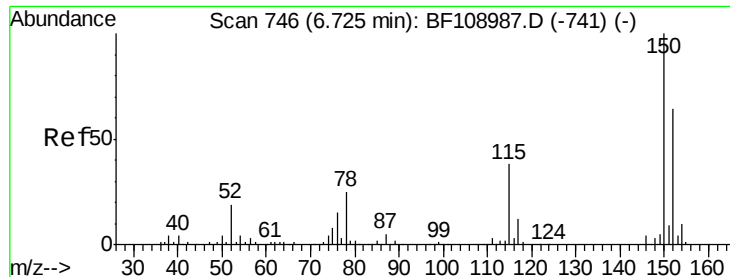
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108995.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 14 16:06:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

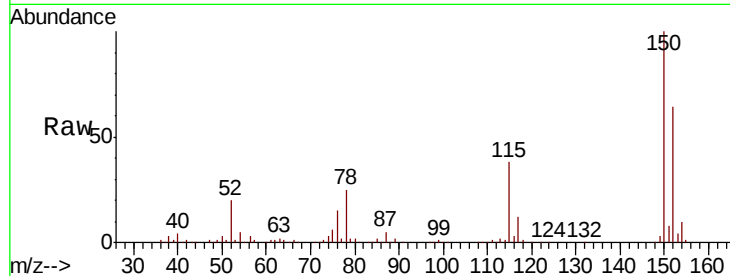




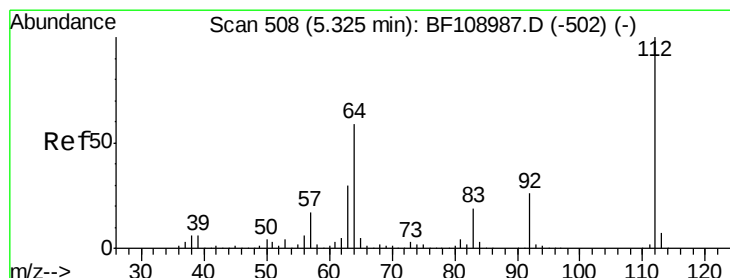
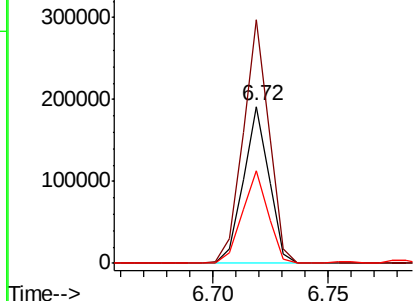
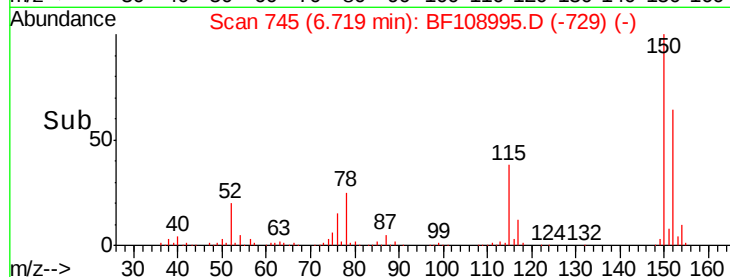
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF108995.D
 Acq: 14 Sep 2018 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 149359
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 59.3 50.1 75.1

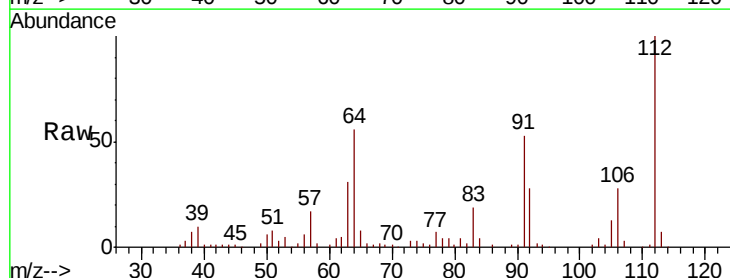


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

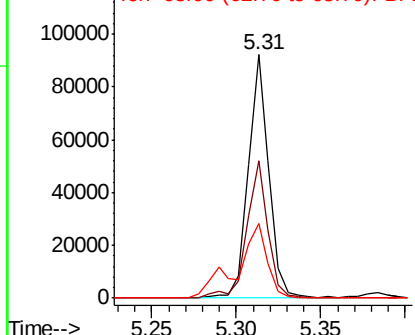
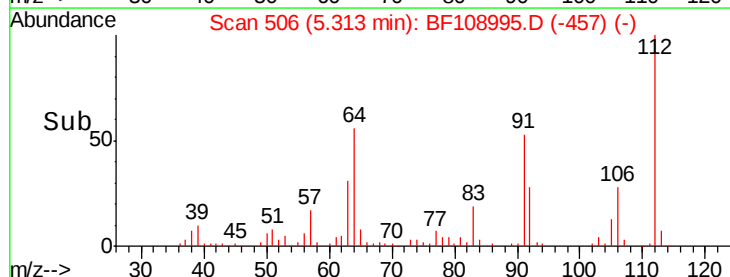


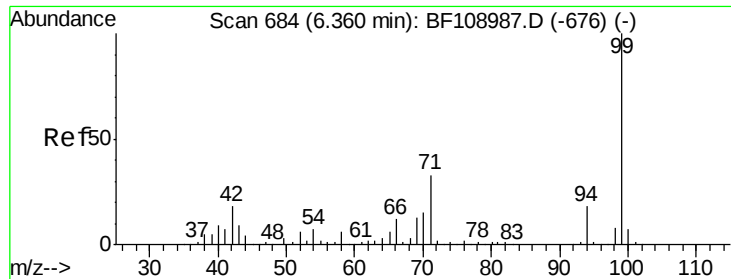
#5
 2-Fluorophenol
 Concen: 8.768 ng
 RT: 5.31 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF108995.D
 Acq: 14 Sep 2018 15:29

Tgt Ion:112 Resp: 78851
 Ion Ratio Lower Upper
 112 100
 64 56.5 47.9 71.9
 63 30.8 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: 9.101 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

Instrument :

BNA_F

ClientSampleId :

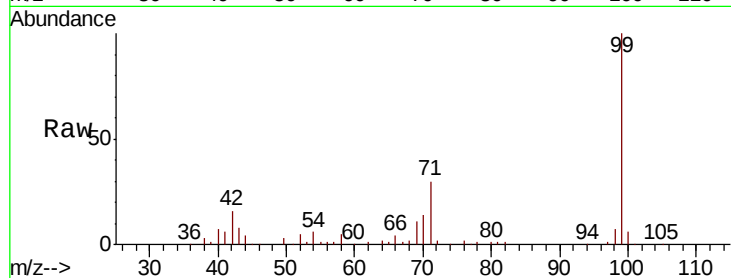
Tot Ion: 99 Resp: 105533

Ion Ratio Lower Upper

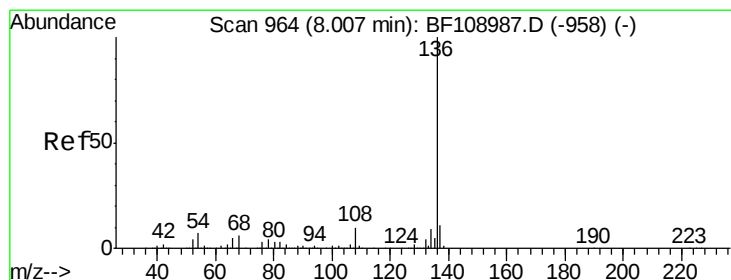
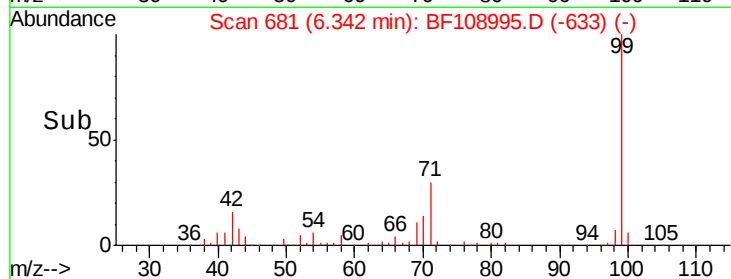
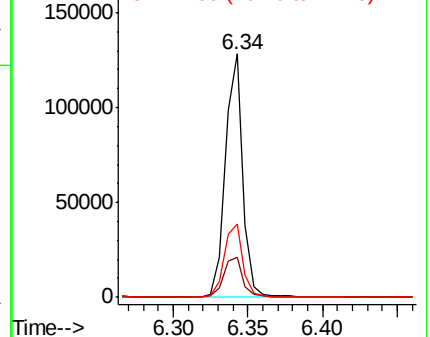
99 100

42 16.2 14.5 21.7

71 30.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

Tgt Ion: 136 Resp: 569503

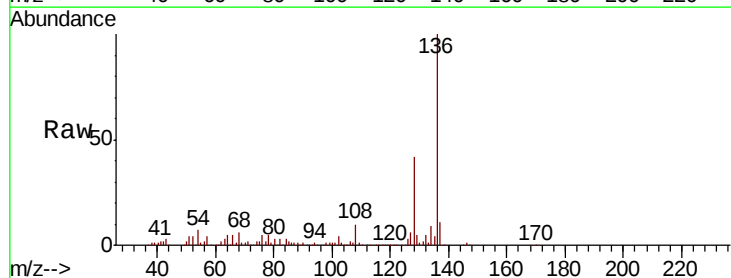
Ion Ratio Lower Upper

136 100

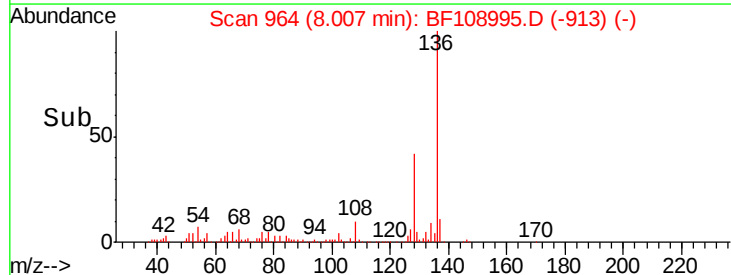
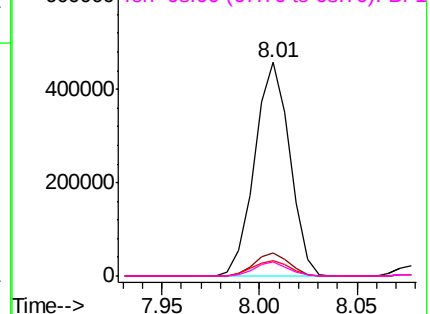
137 11.0 8.9 13.3

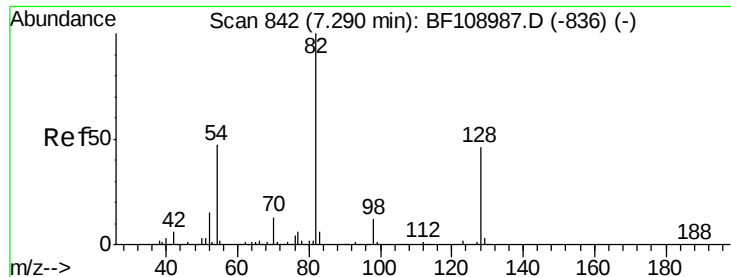
54 7.0 6.6 9.8

68 6.3 5.0 7.4



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

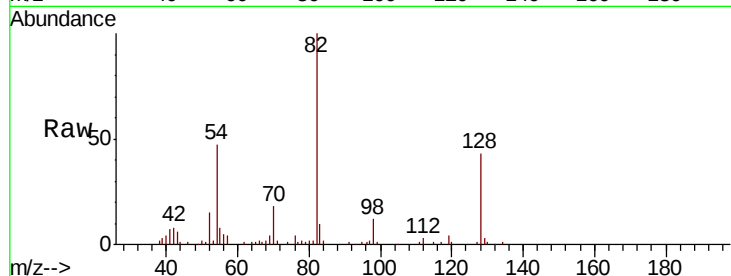




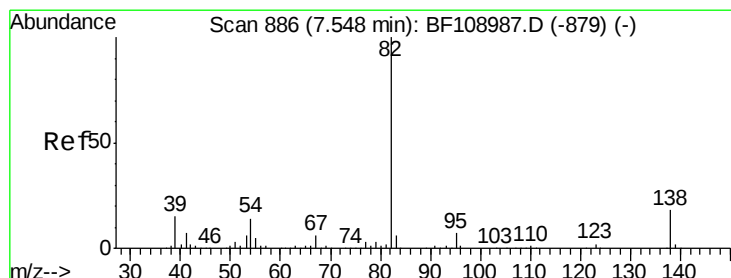
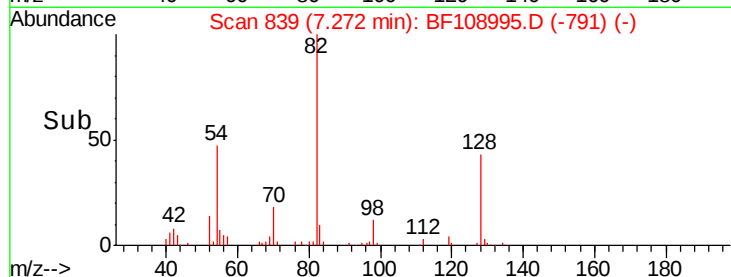
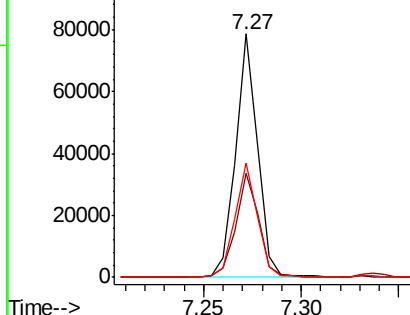
#23
Nitrobenzene-d5
Concen: 6.044 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.02 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 61374
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 46.8 41.4 62.2

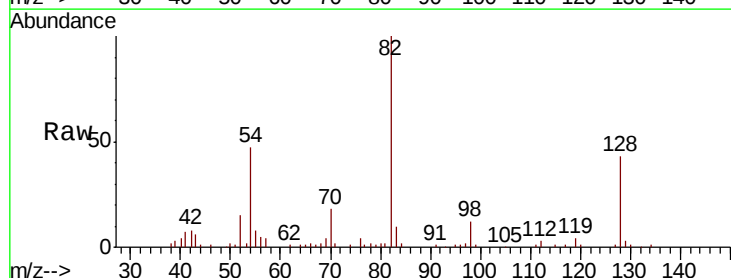


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

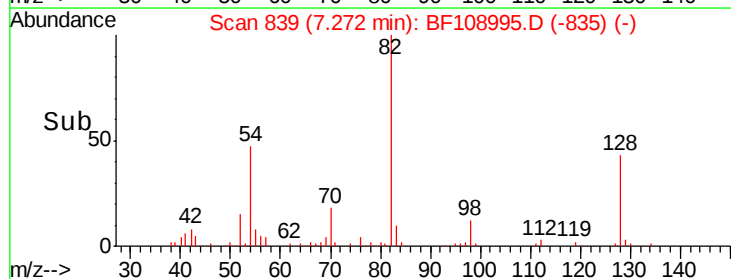
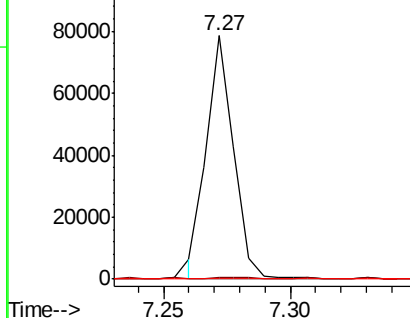


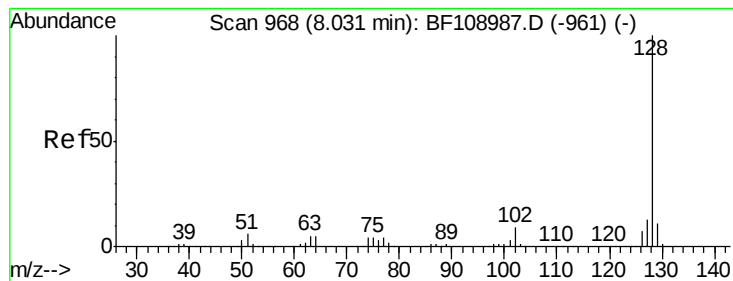
#25
Isophorone
Concen: 3.375 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.28 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

Tgt Ion: 82 Resp: 58910
Ion Ratio Lower Upper
82 100
95 0.6 5.2 7.8#
138 0.0 14.9 22.3#



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: 186.564 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

Instrument :

BNA_F

ClientSampleId :

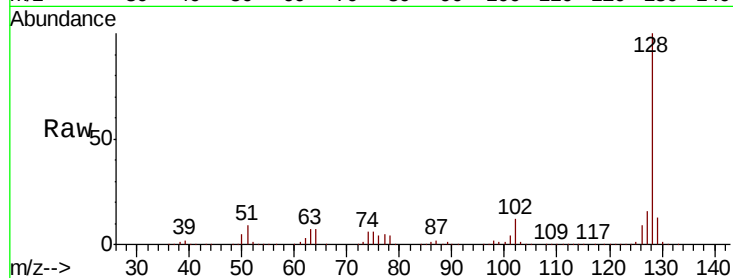
Tot Ion:128 Resp: 4931410

Ion Ratio Lower Upper

128 100

129 13.2 8.8 13.2#

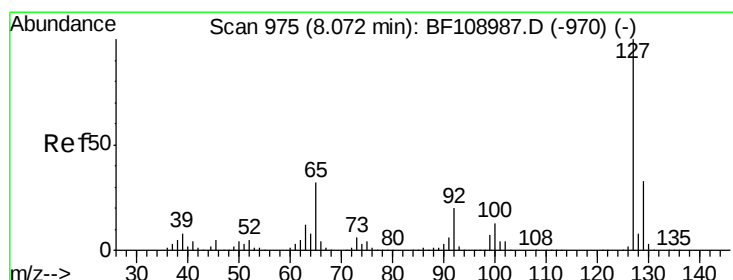
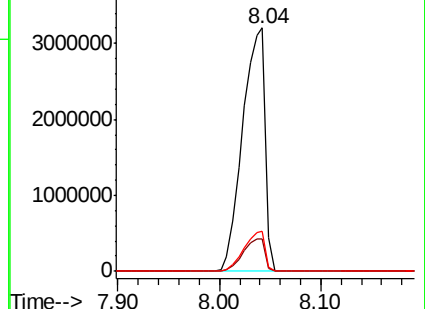
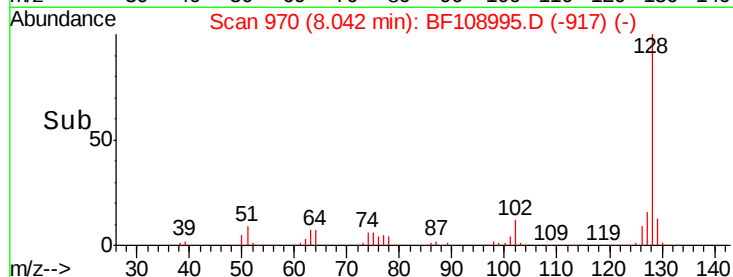
127 16.5 10.9 16.3#



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: 64.228 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

Tgt Ion:127 Resp: 754850

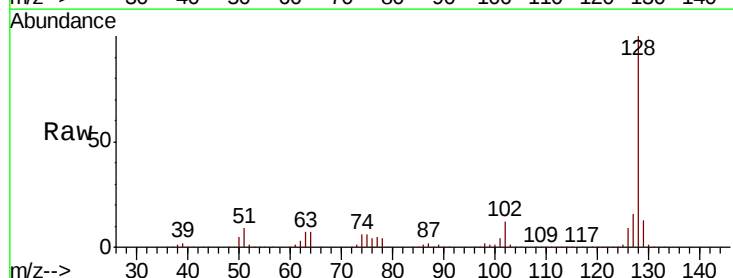
Ion Ratio Lower Upper

127 100

129 80.4 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

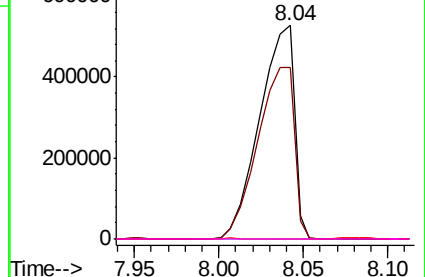
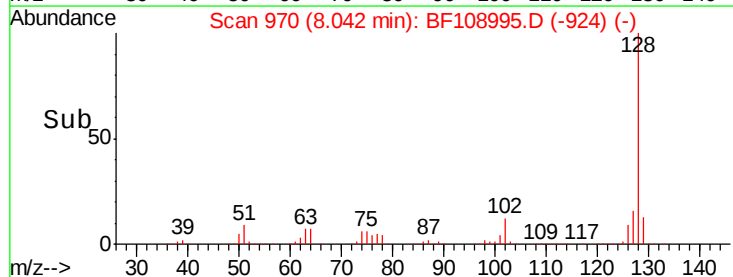


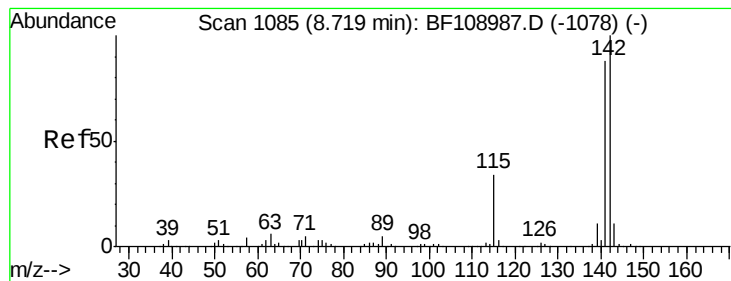
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

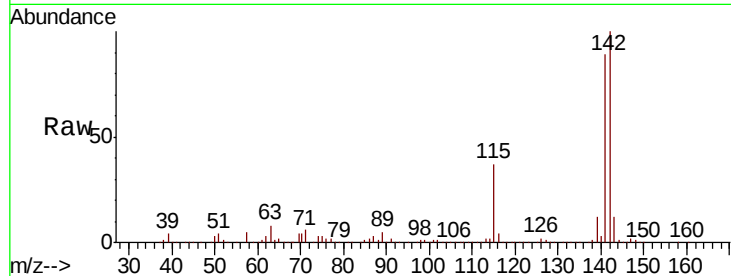




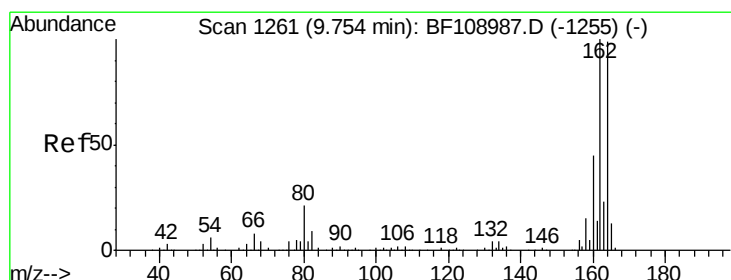
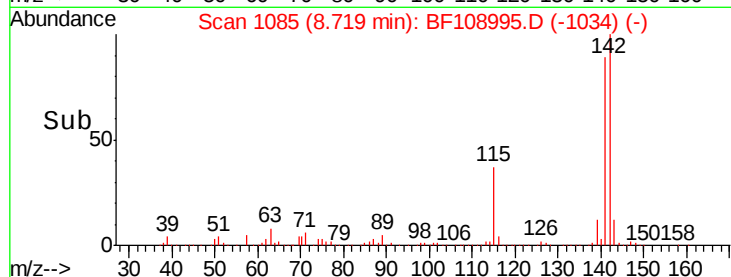
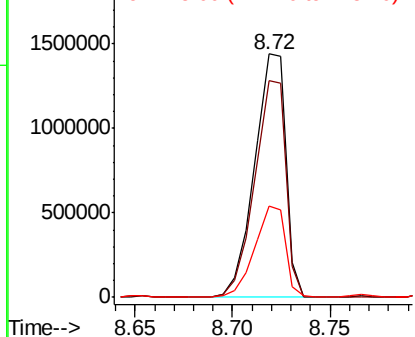
#37
2-Methylnaphthalene
Concen: 93.064 ng
RT: 8.72 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1603549
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2
115 37.3 26.1 39.1

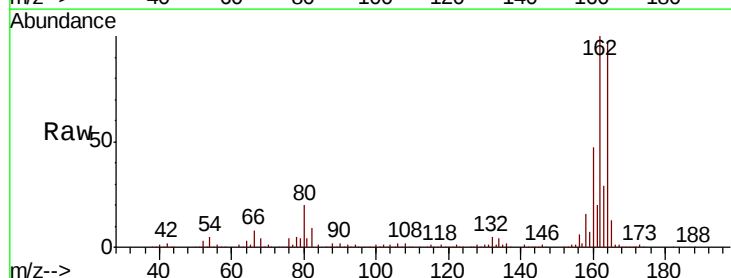


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

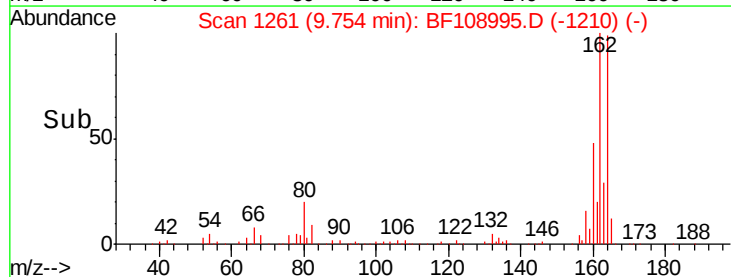
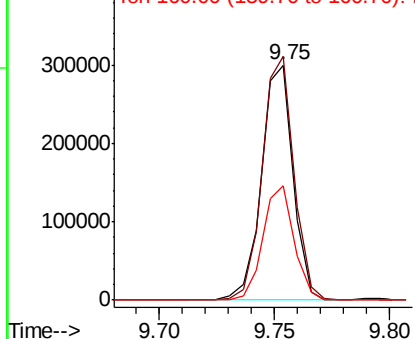


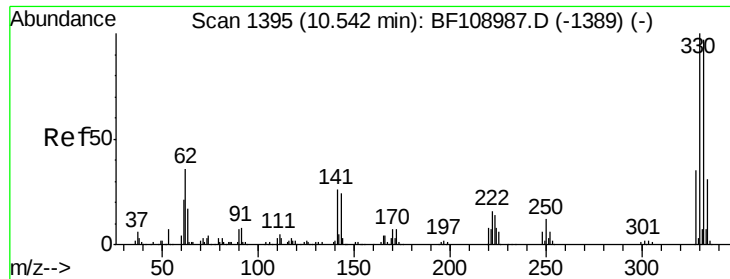
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

Tgt Ion:164 Resp: 284746
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 48.7 38.3 57.5



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

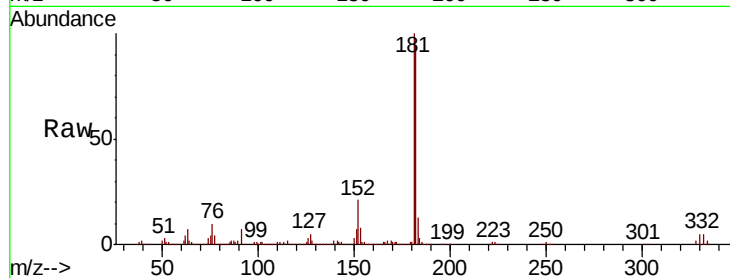




#41
 2,4,6-Tribromophenol
 Concen: 7.925 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF108995.D
 Acq: 14 Sep 2018 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	38.7	29.9	44.9

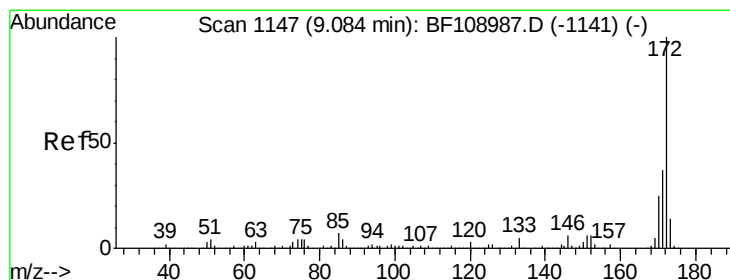
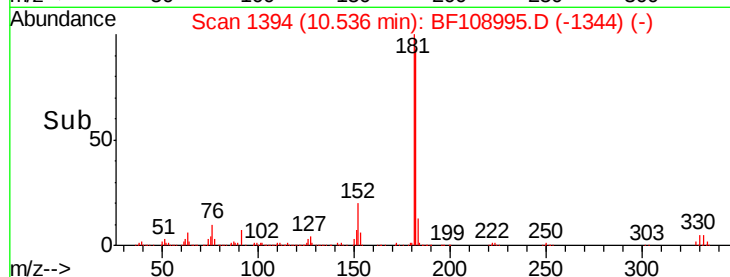
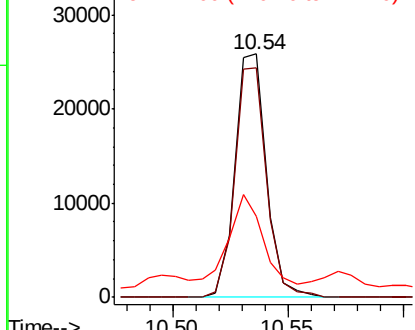


Abundance

Ion 329.80 (329.50 to 330.50): E

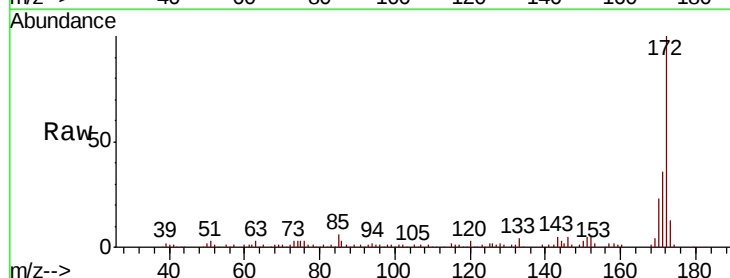
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 6.541 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF108995.D
 Acq: 14 Sep 2018 15:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	22.6	19.6	29.4

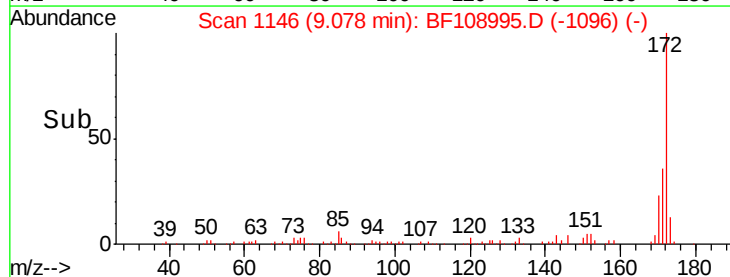
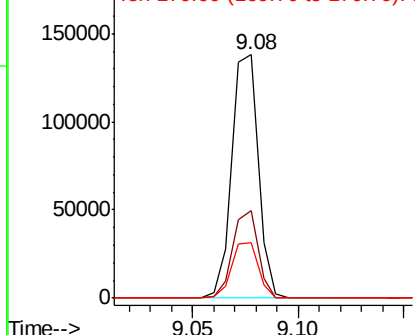


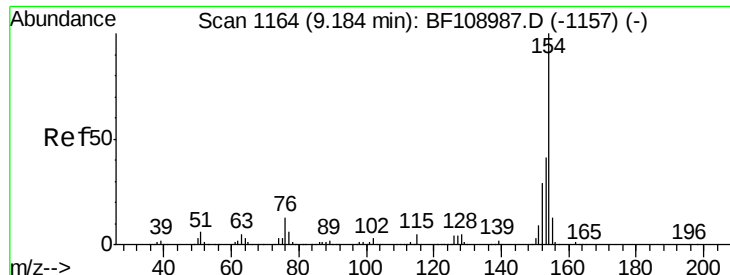
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 22.479 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

Instrument :

BNA_F

ClientSampleId :

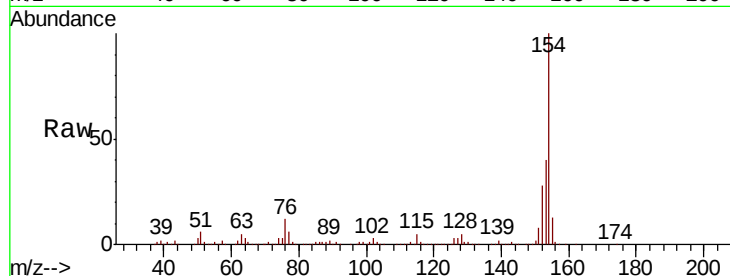
Tot Ion:154 Resp: 512080

Ion Ratio Lower Upper

154 100

153 39.8 21.3 61.3

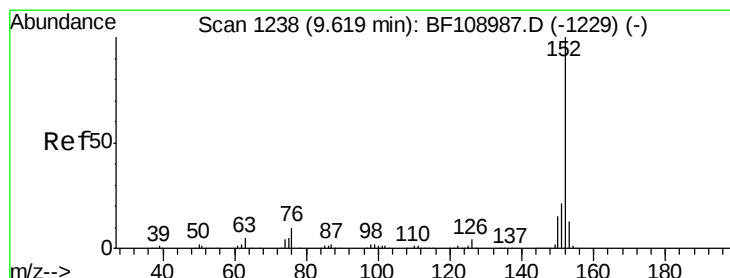
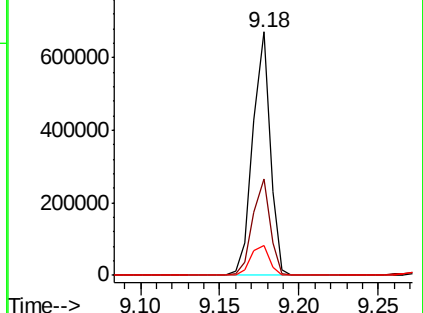
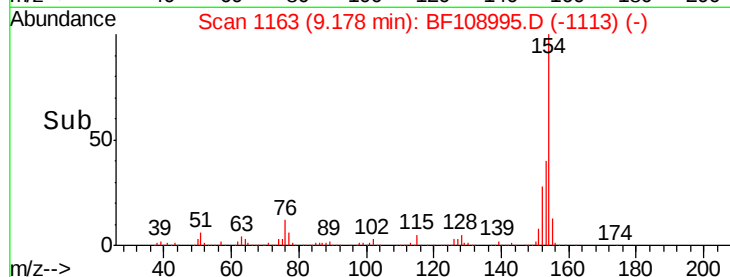
76 12.4 0.0 34.0



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



#48

Acenaphthylene

Concen: 23.955 ng

RT: 9.61 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

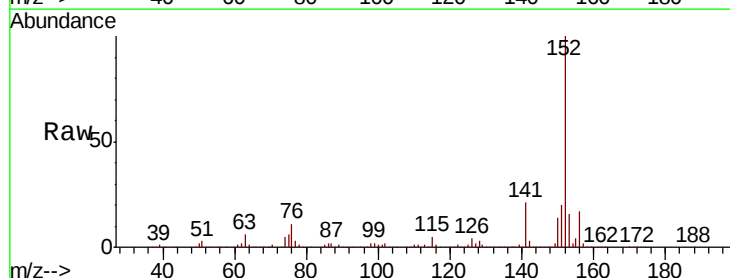
Tgt Ion:152 Resp: 658936

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

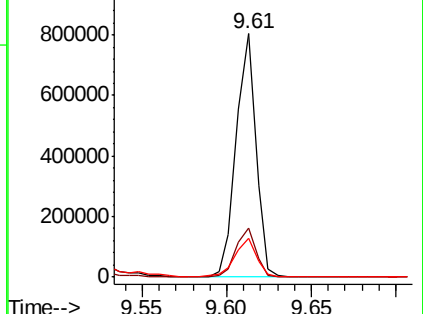
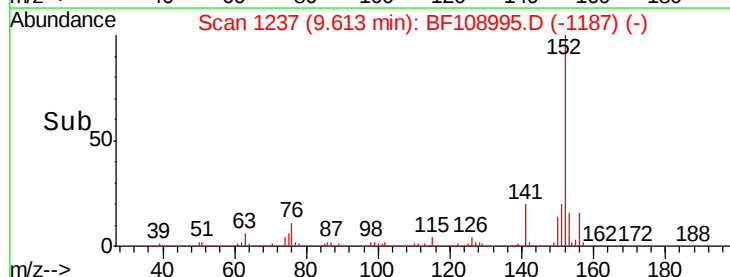
153 16.0 10.7 16.1

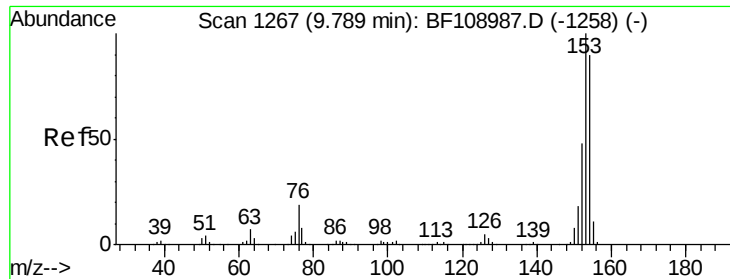


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 63.262 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

Instrument :

BNA_F

ClientSampleId :

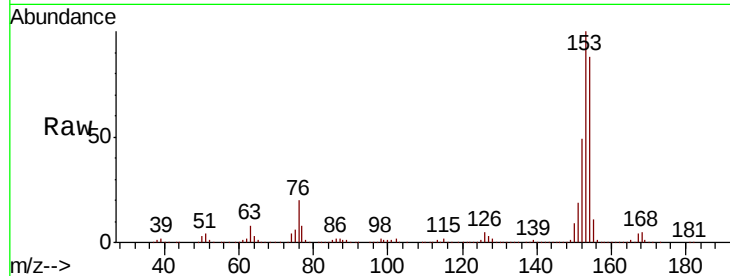
Tot Ion:154 Resp: 1083571

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

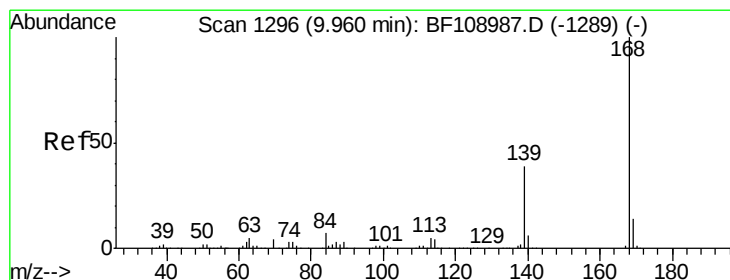
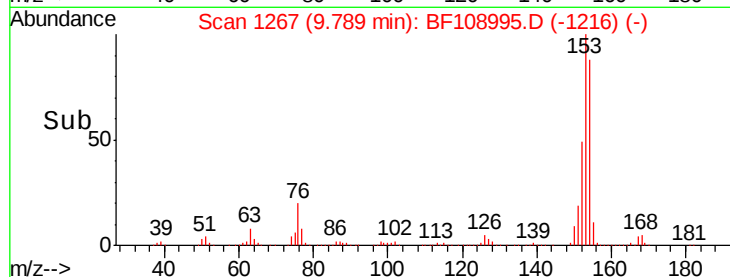
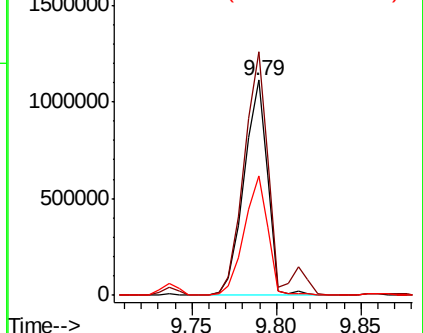
152 55.6 43.8 65.8



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



#54

Dibenzofuran

Concen: 58.209 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

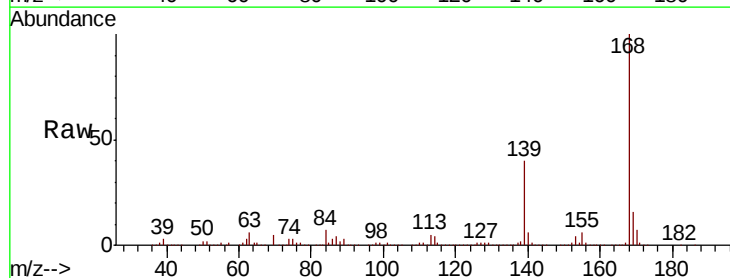
Tgt Ion:168 Resp: 1440792

Ion Ratio Lower Upper

168 100

139 40.5 30.1 45.1

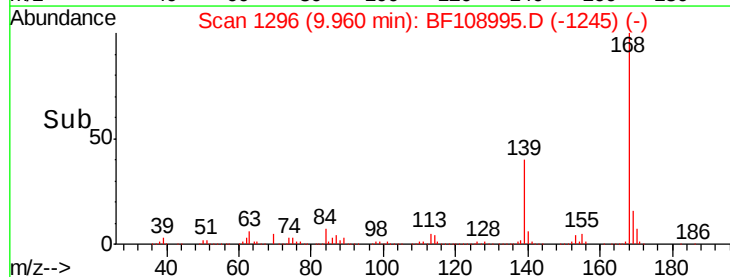
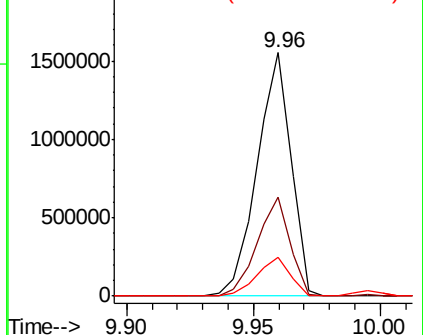
169 16.1 10.9 16.3

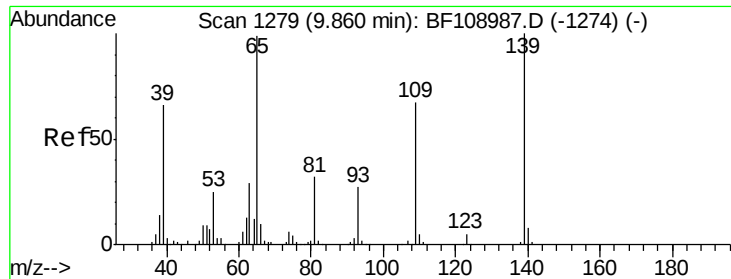


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

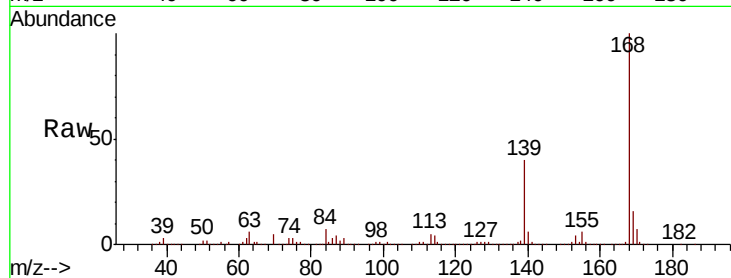




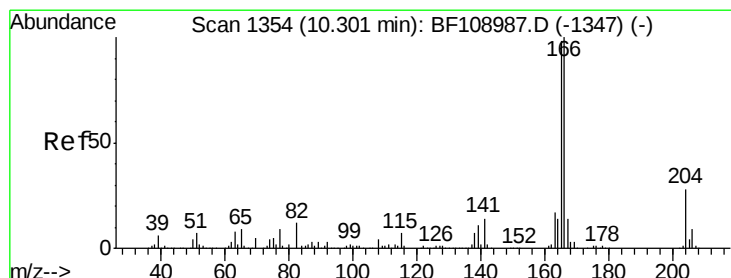
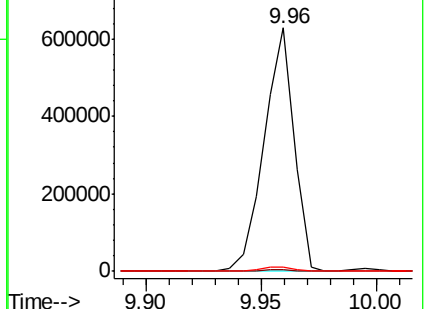
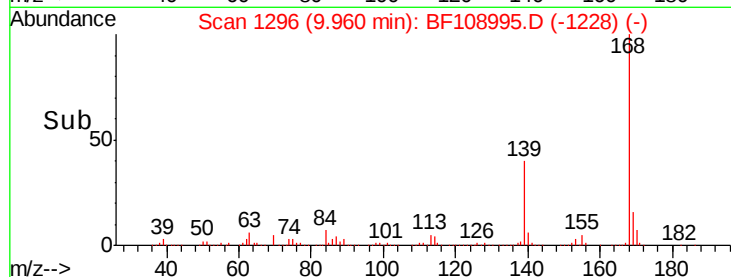
#55
4-Nitrophenol
Concen: 143.780 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.10 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.8	48.4	88.4#
65	1.8	72.6	112.6#

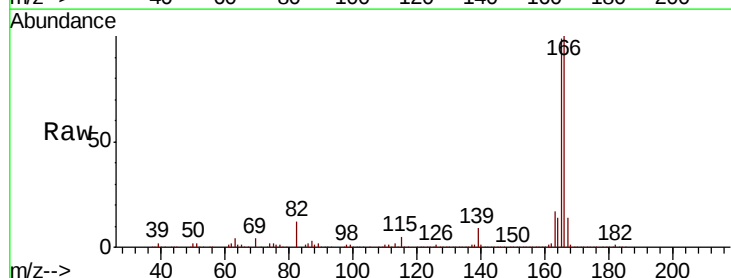


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

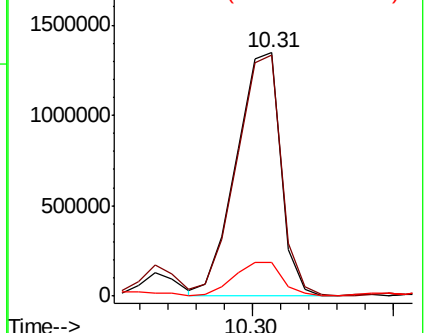
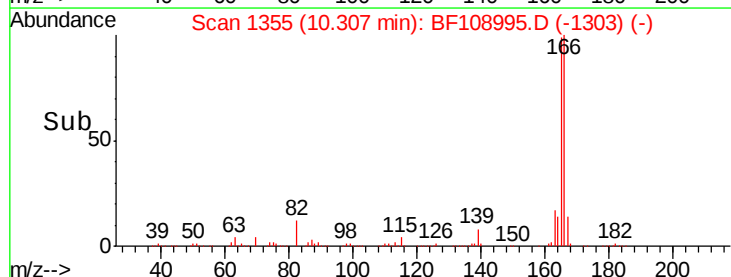


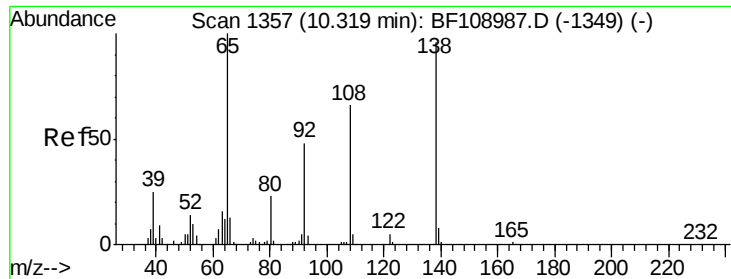
#57
Fluorene
Concen: 88.514 ng
RT: 10.31 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	13.9	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

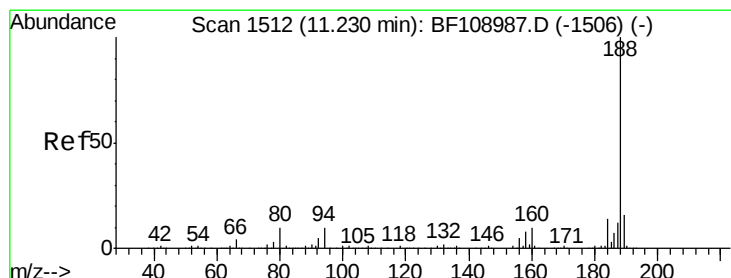
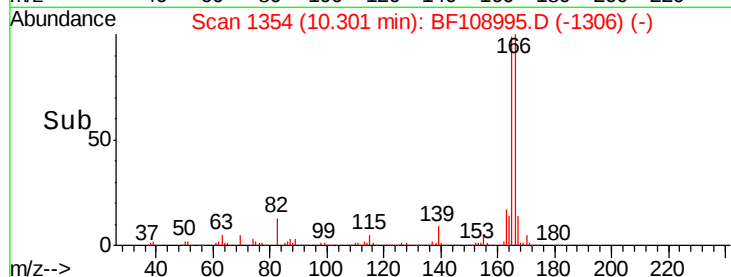
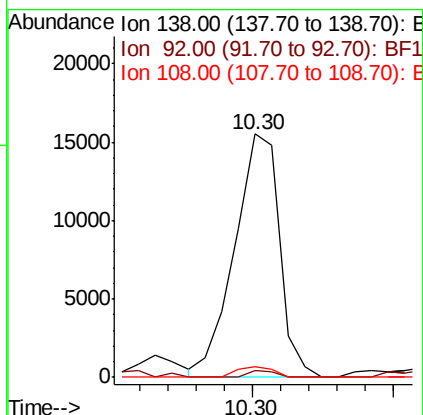
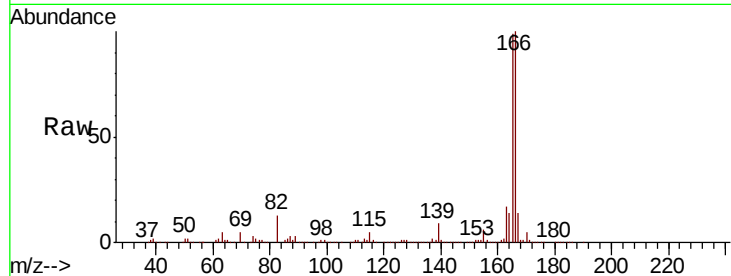




#61
4-Nitroaniline
Concen: 3.394 ng
RT: 10.30 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

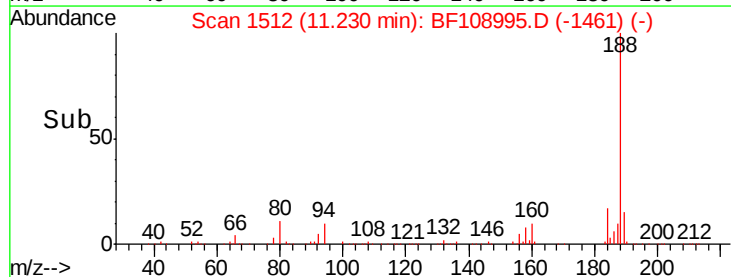
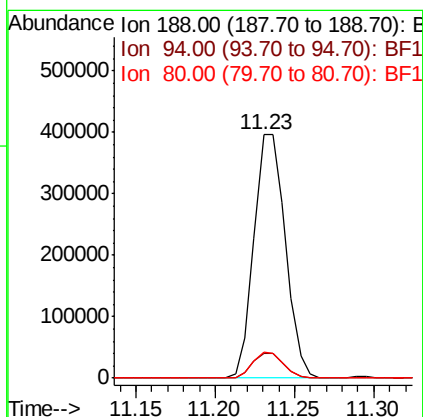
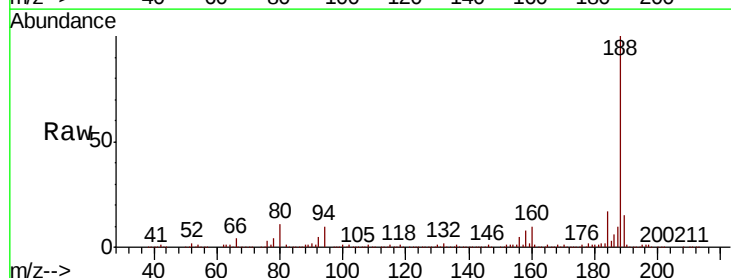
Instrument :
BNA_F
ClientSampleId :

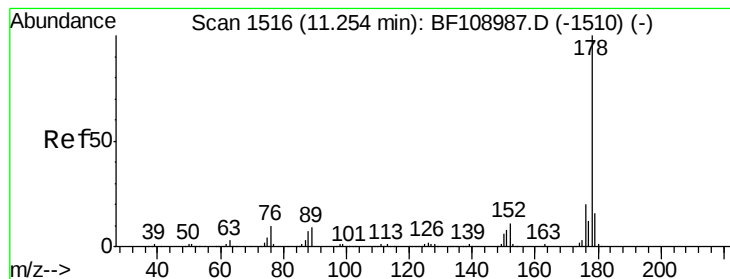
Tot Ion:138 Resp: 17139
Ion Ratio Lower Upper
138 100
92 2.6 30.2 70.2#
108 4.2 52.5 92.5#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

Tgt Ion:188 Resp: 548919
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.7 9.2 13.8





#70

Phenanthrene

Concen: 160.963 ng

RT: 11.28 min Scan# 1520

Delta R.T. 0.02 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

Instrument :

BNA_F

ClientSampleId :

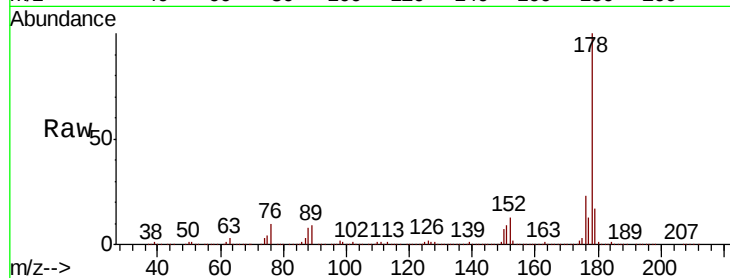
Tot Ion:178 Resp: 4331195

Ion Ratio Lower Upper

178 100

176 22.7 15.8 23.8

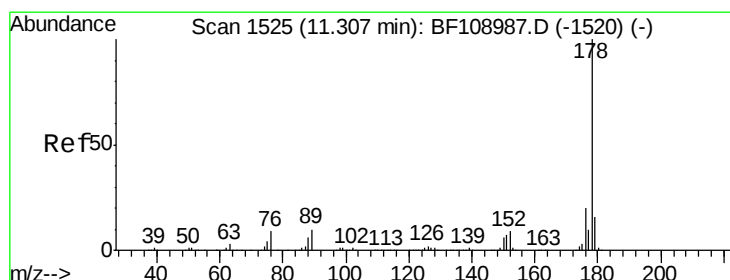
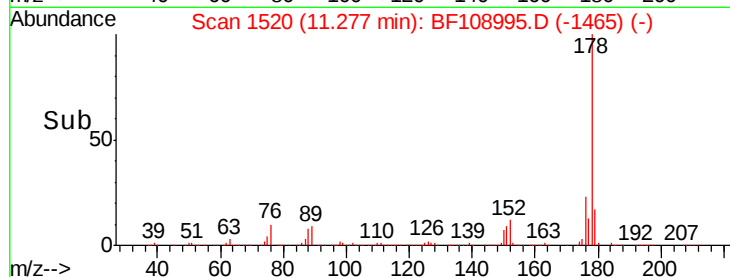
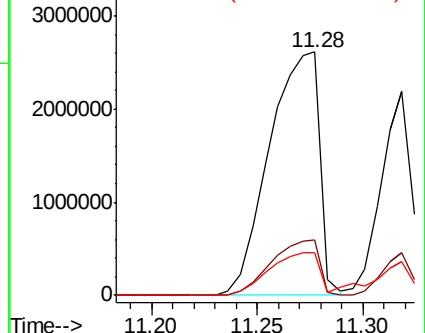
179 17.4 13.0 19.6



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



#71

Anthracene

Concen: 81.067 ng

RT: 11.32 min Scan# 1527

Delta R.T. 0.01 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

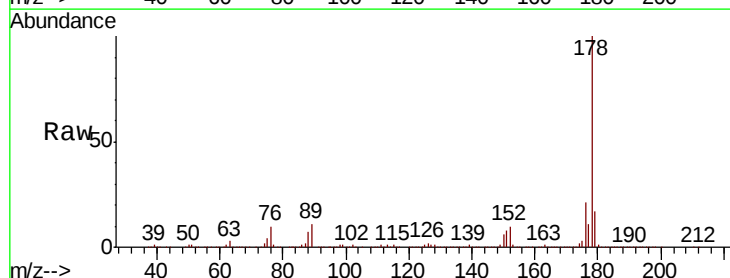
Tgt Ion:178 Resp: 2211239

Ion Ratio Lower Upper

178 100

176 20.9 15.4 23.2

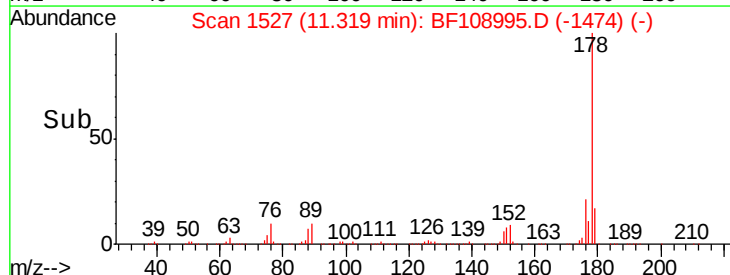
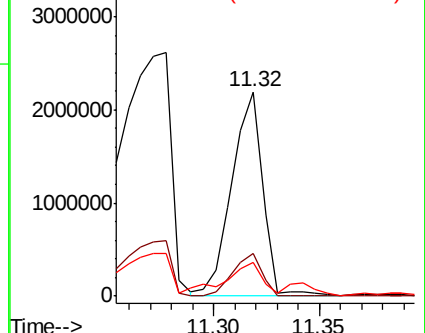
179 16.8 12.6 19.0

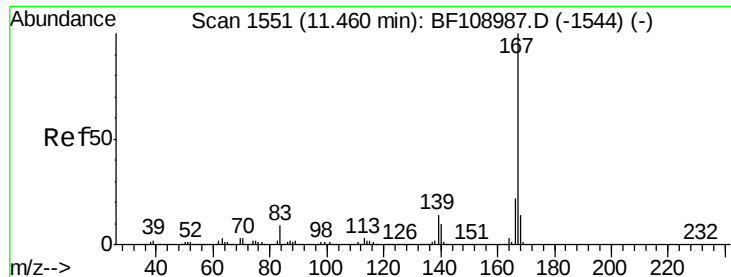


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 25.531 ng

RT: 11.46 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

Instrument :

BNA_F

ClientSampleId :

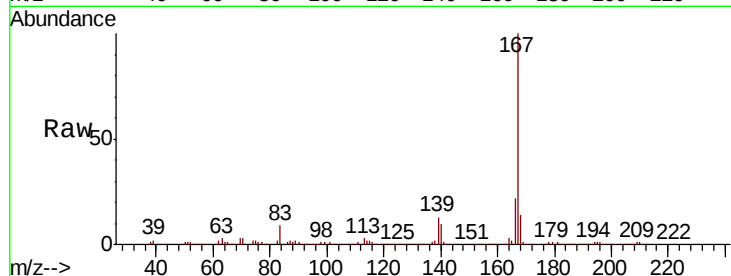
Tot Ion:167 Resp: 689378

Ion Ratio Lower Upper

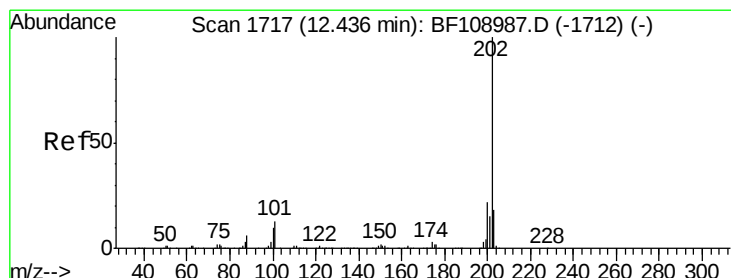
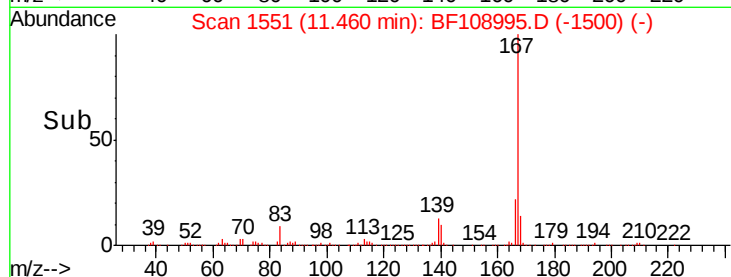
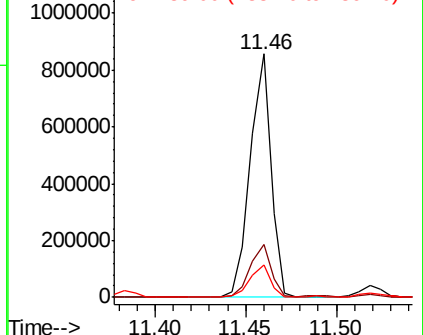
167 100

166 21.8 17.6 26.4

139 13.2 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



#74

Fluoranthene

Concen: 103.483 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.02 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

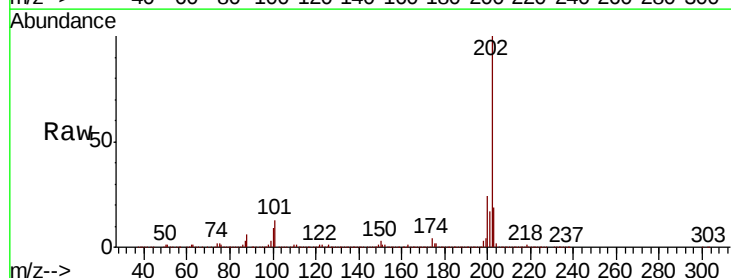
Tgt Ion:202 Resp: 2939651

Ion Ratio Lower Upper

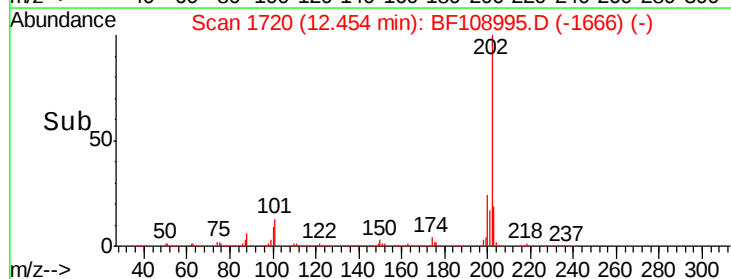
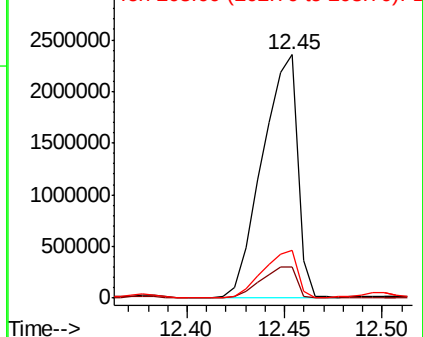
202 100

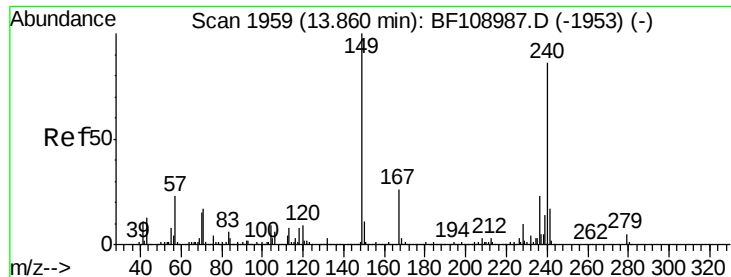
101 12.6 0.0 34.1

203 19.4 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

Instrument :

BNA_F

ClientSampleId :

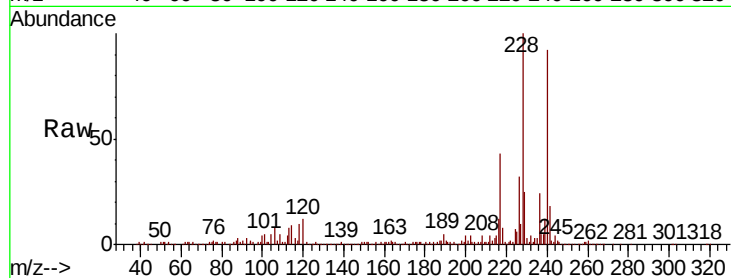
Tot Ion:240 Resp: 342015

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

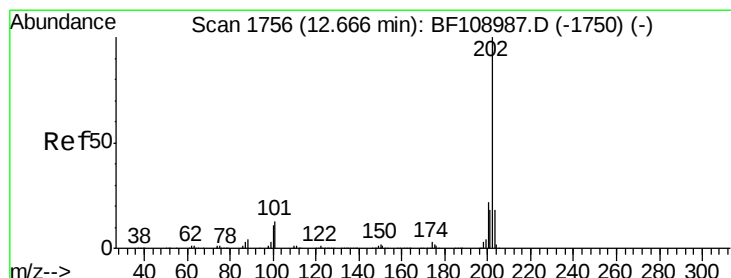
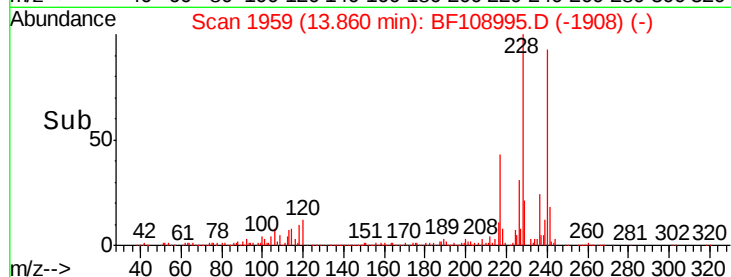
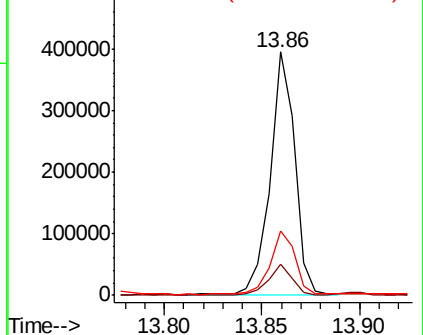
236 26.5 20.7 31.1



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



#77

Pyrene

Concen: 96.574 ng

RT: 12.68 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

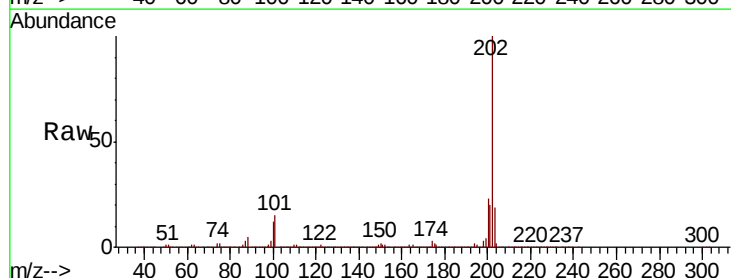
Tgt Ion:202 Resp: 2453399

Ion Ratio Lower Upper

202 100

200 23.4 17.4 26.2

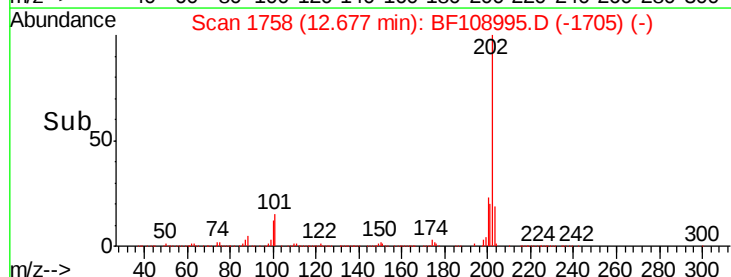
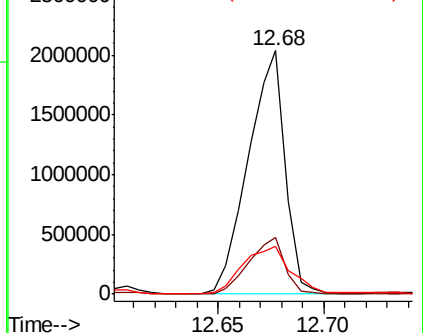
203 19.5 14.3 21.5

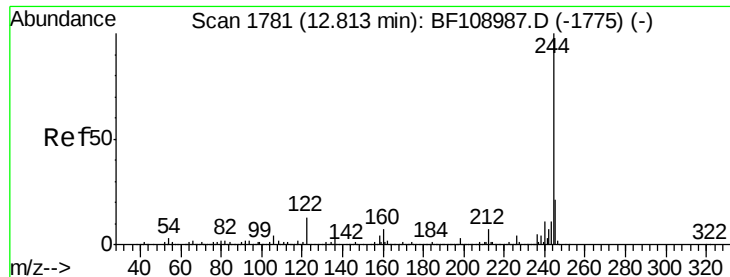


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 8.288 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

Instrument :

BNA_F

ClientSampleId :

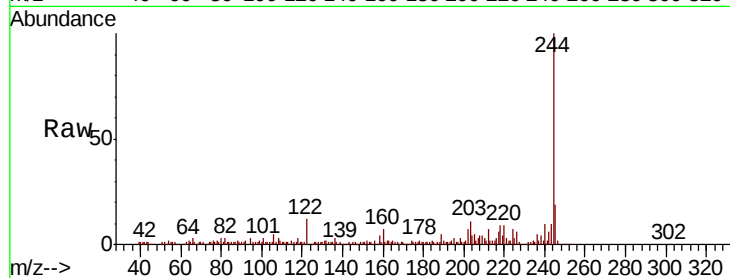
Tot Ion:244 Resp: 119585

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

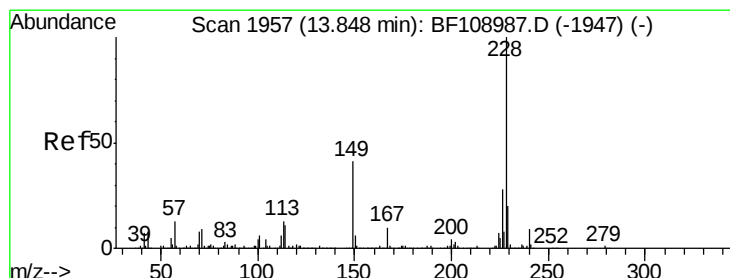
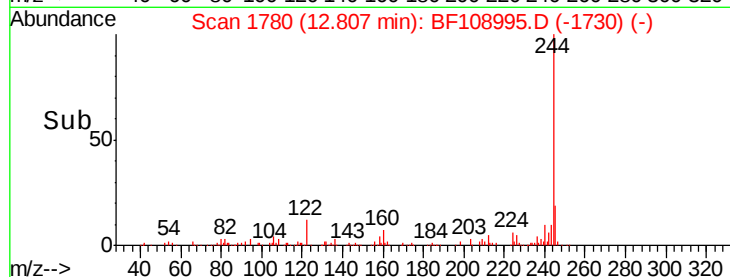
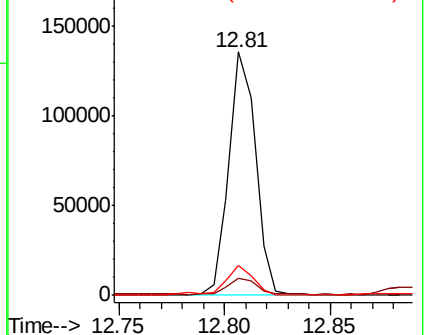
122 12.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 58.460 ng

RT: 13.85 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

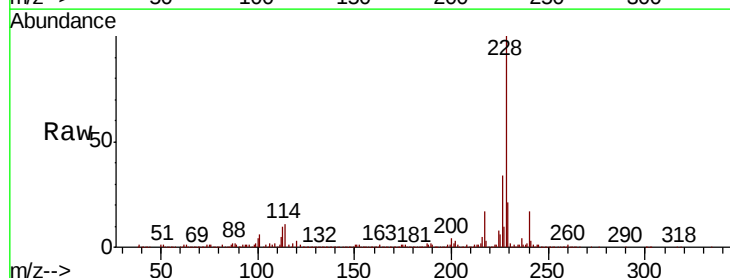
Tgt Ion:228 Resp: 1210523

Ion Ratio Lower Upper

228 100

226 33.6 22.6 33.8

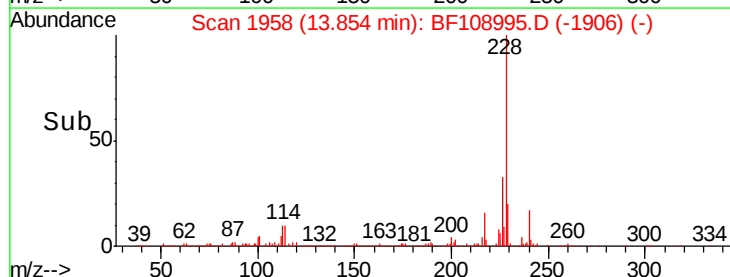
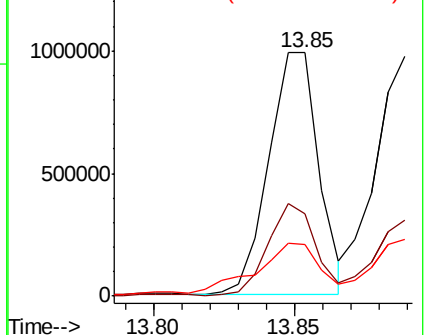
229 21.2 15.8 23.6

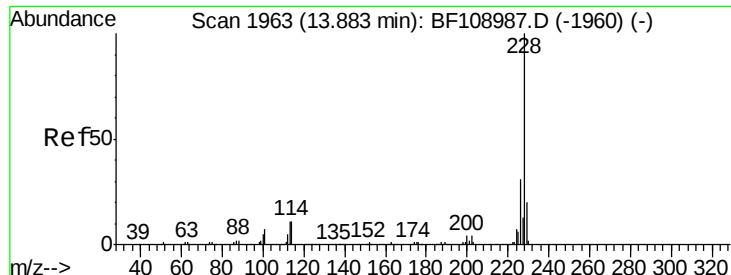


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

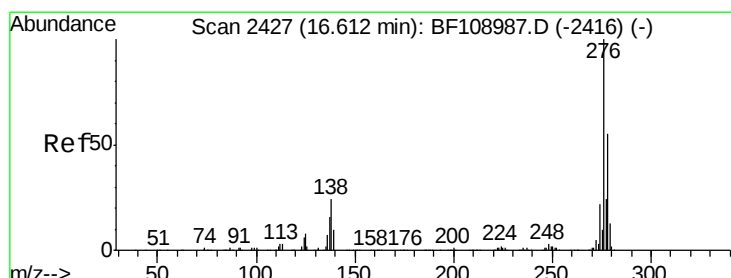
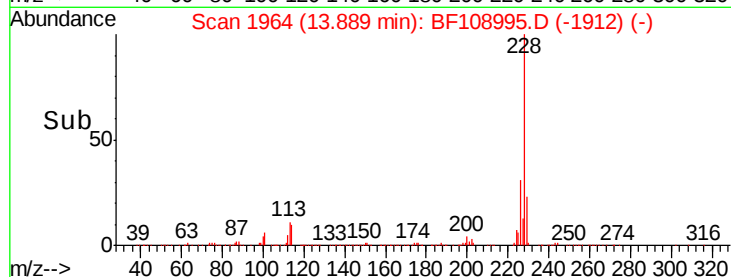
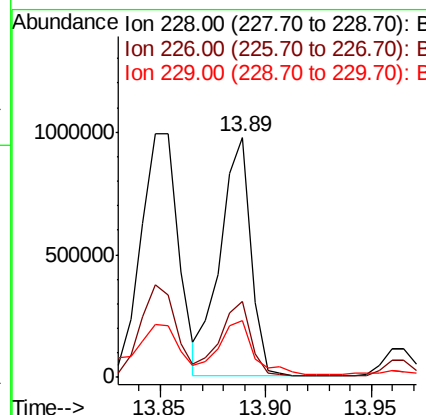
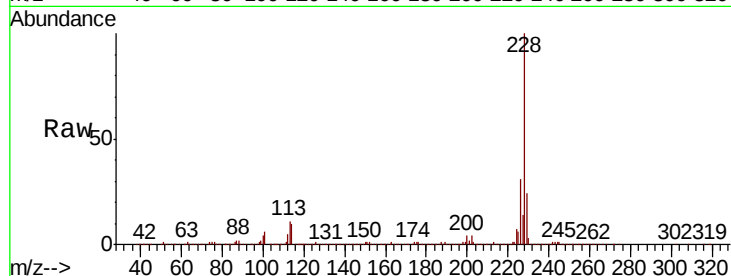




#82
Chrysene
Concen: 47.288 ng
RT: 13.89 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

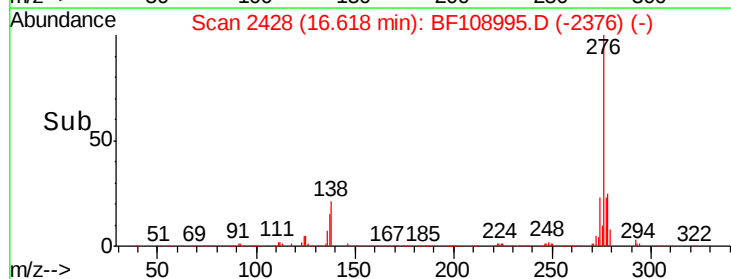
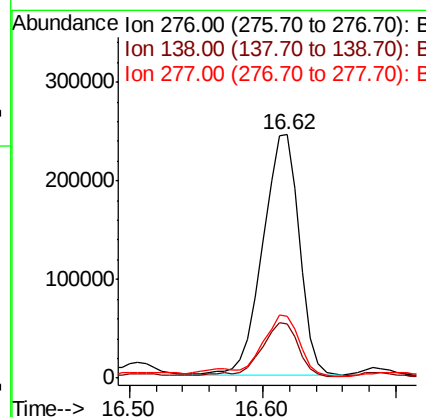
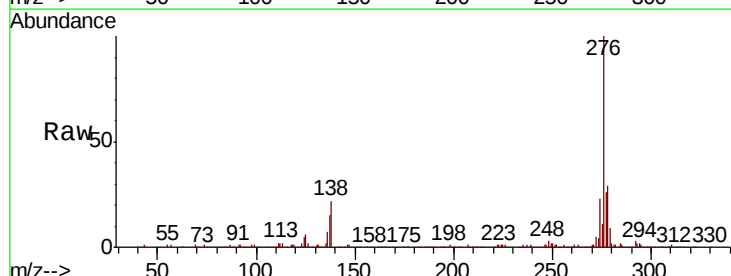
Instrument :
BNA_F
ClientSampleId :

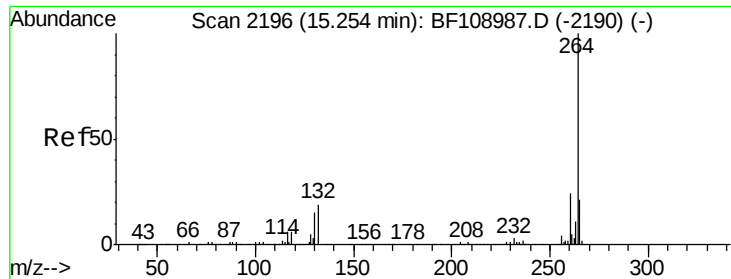
Tot Ion:228 Resp: 979675
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.6
229 23.6 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 28.163 ng
RT: 16.62 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

Tgt Ion:276 Resp: 466468
Ion Ratio Lower Upper
276 100
138 22.7 25.0 37.6#
277 28.3 20.1 30.1



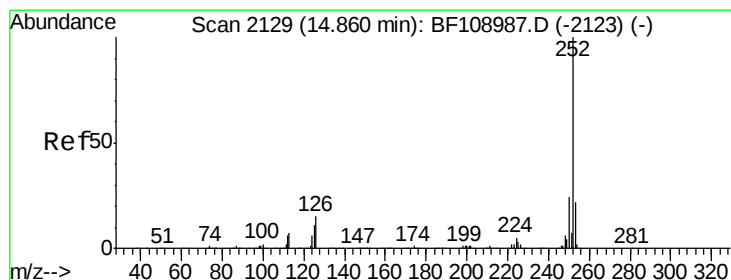
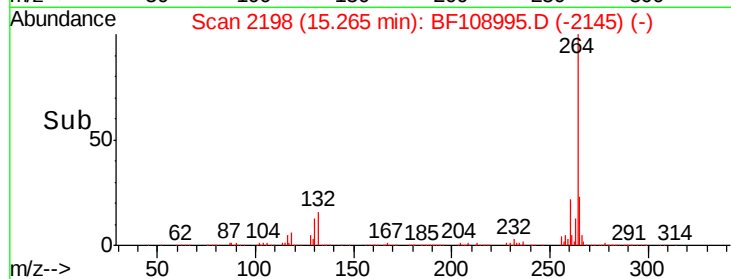
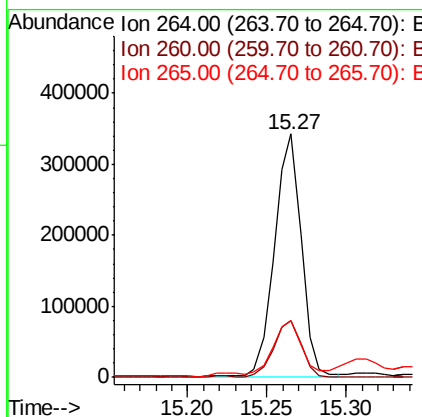
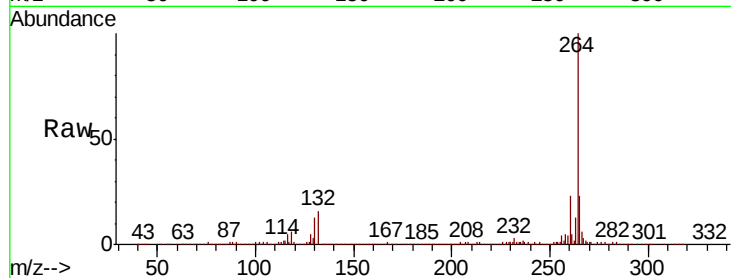


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 402983

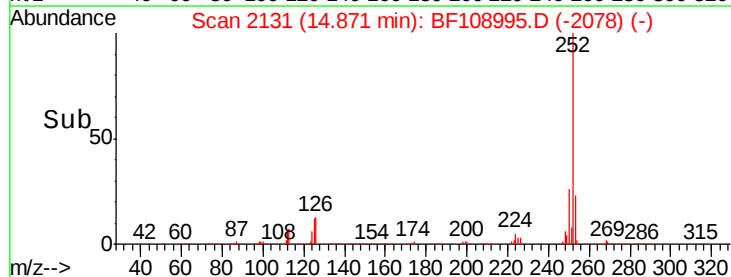
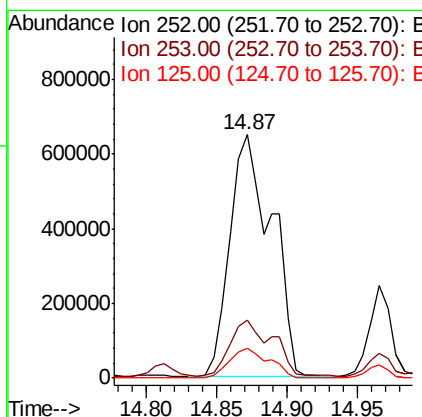
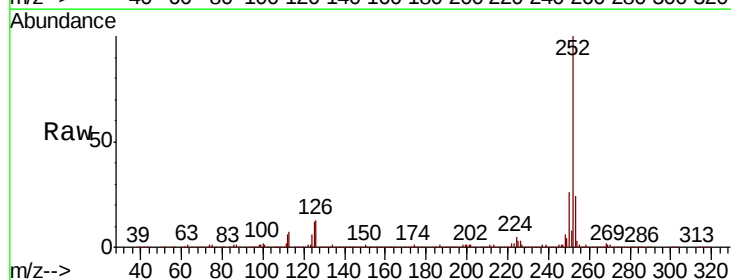
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	23.4	17.5	26.3

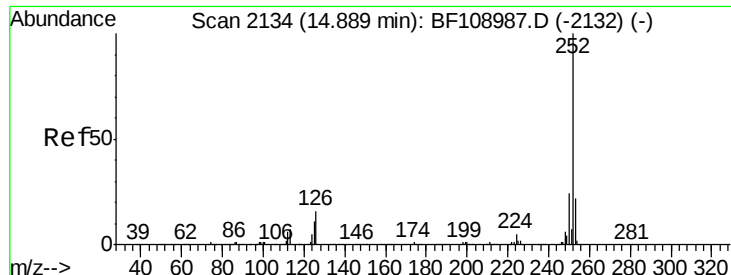


#87
Benzo(b)fluoranthene
Concen: 60.662 ng
RT: 14.87 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

Tgt Ion:252 Resp: 1352395

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	12.2	9.0	13.6

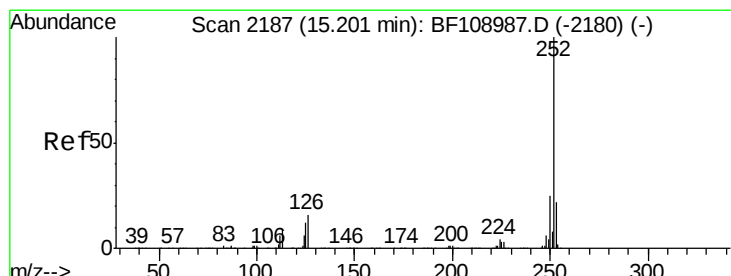
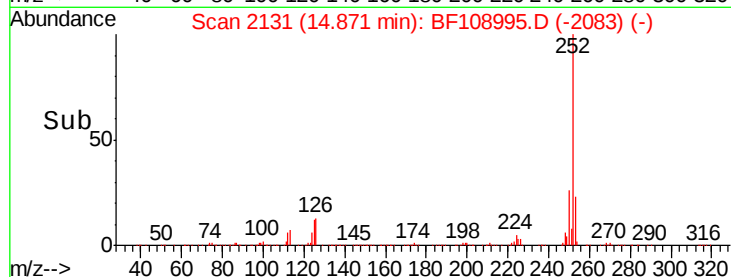
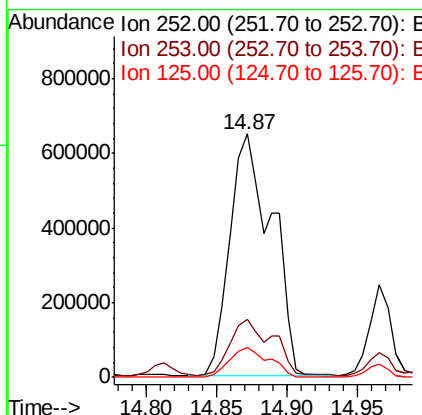
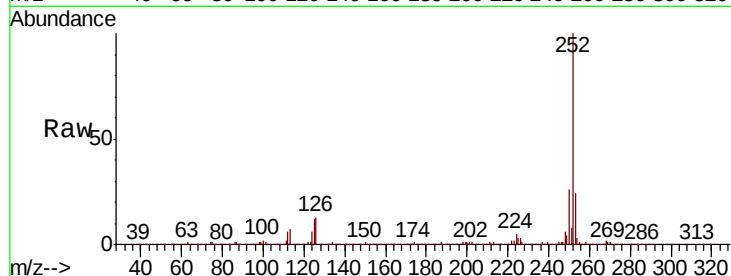




#88
Benzo(k)fluoranthene
Concen: 64.948 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

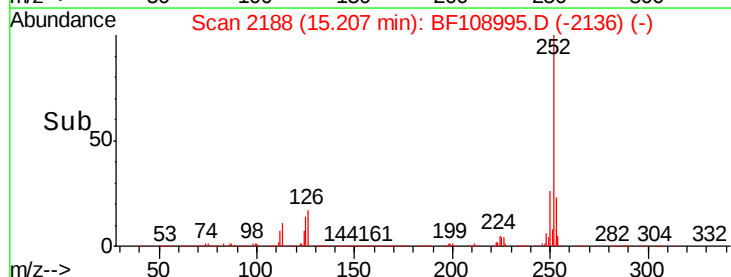
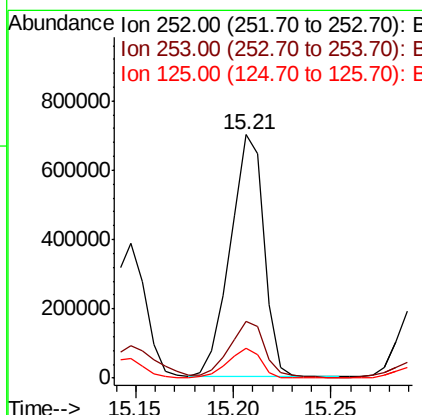
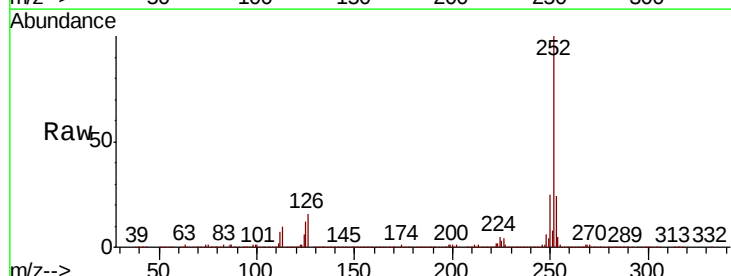
Instrument :
BNA_F
ClientSampleId :

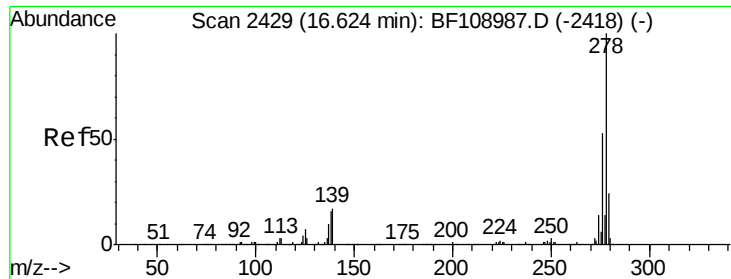
Tot Ion:252 Resp: 1352395
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 12.2 10.2 15.2



#89
Benzo(a)pyrene
Concen: 42.400 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF108995.D
Acq: 14 Sep 2018 15:29

Tgt Ion:252 Resp: 839466
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 12.1 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 8.594 ng

RT: 16.78 min Scan# 2455

Delta R.T. 0.15 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

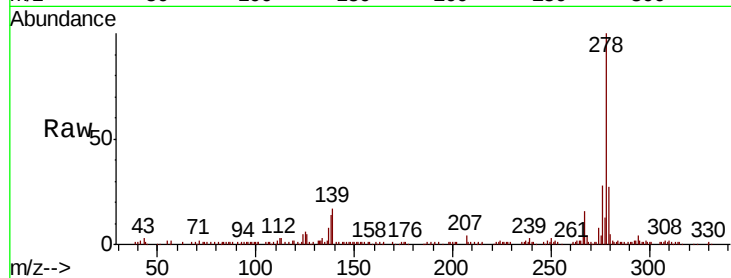
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 142947

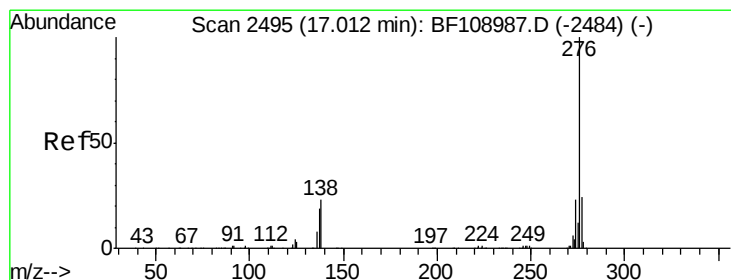
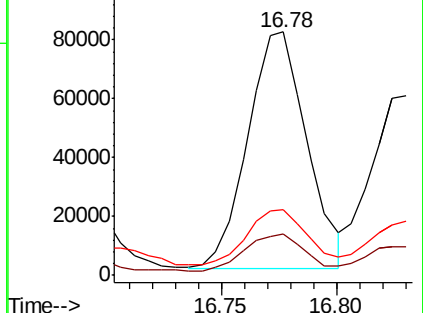
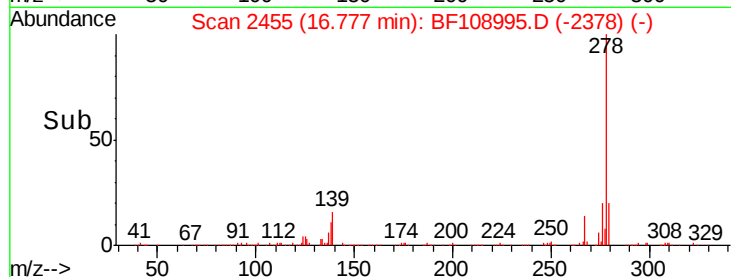
Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.9	23.9
279	27.0	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 11.750 ng

RT: 17.24 min Scan# 2533

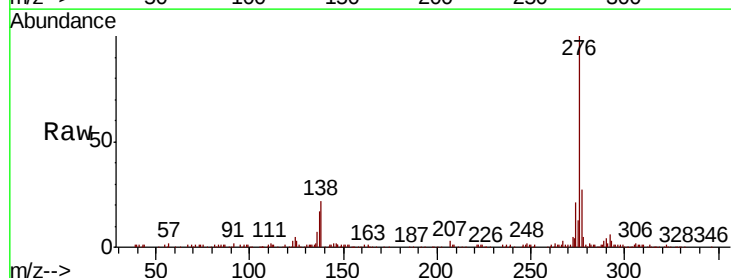
Delta R.T. 0.22 min

Lab File: BF108995.D

Acq: 14 Sep 2018 15:29

Tgt Ion:276 Resp: 195407

Ion	Ratio	Lower	Upper
276	100		
277	26.7	17.9	26.9
138	22.0	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

