

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098933.D
 Acq On : 29 Sep 2017 3:36
 Operator : SJ/JU
 Sample : I5515-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 04:03:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	114608	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	402097	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	141638	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	244251	20.00	ng	0.00
75) Chrysene-d12	14.09	240	222627	20.00	ng	0.00
86) Perylene-d12	15.59	264	169075	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	168979	23.47	ng	-0.01
7) Phenol-d6	6.53	99	186550	21.00	ng	-0.01
23) Nitrobenzene-d5	7.47	82	101277	16.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	22324	19.26	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	168968	19.92	ng	-0.01
78) Terphenyl-d14	13.03	244	151164	15.44	ng	0.00

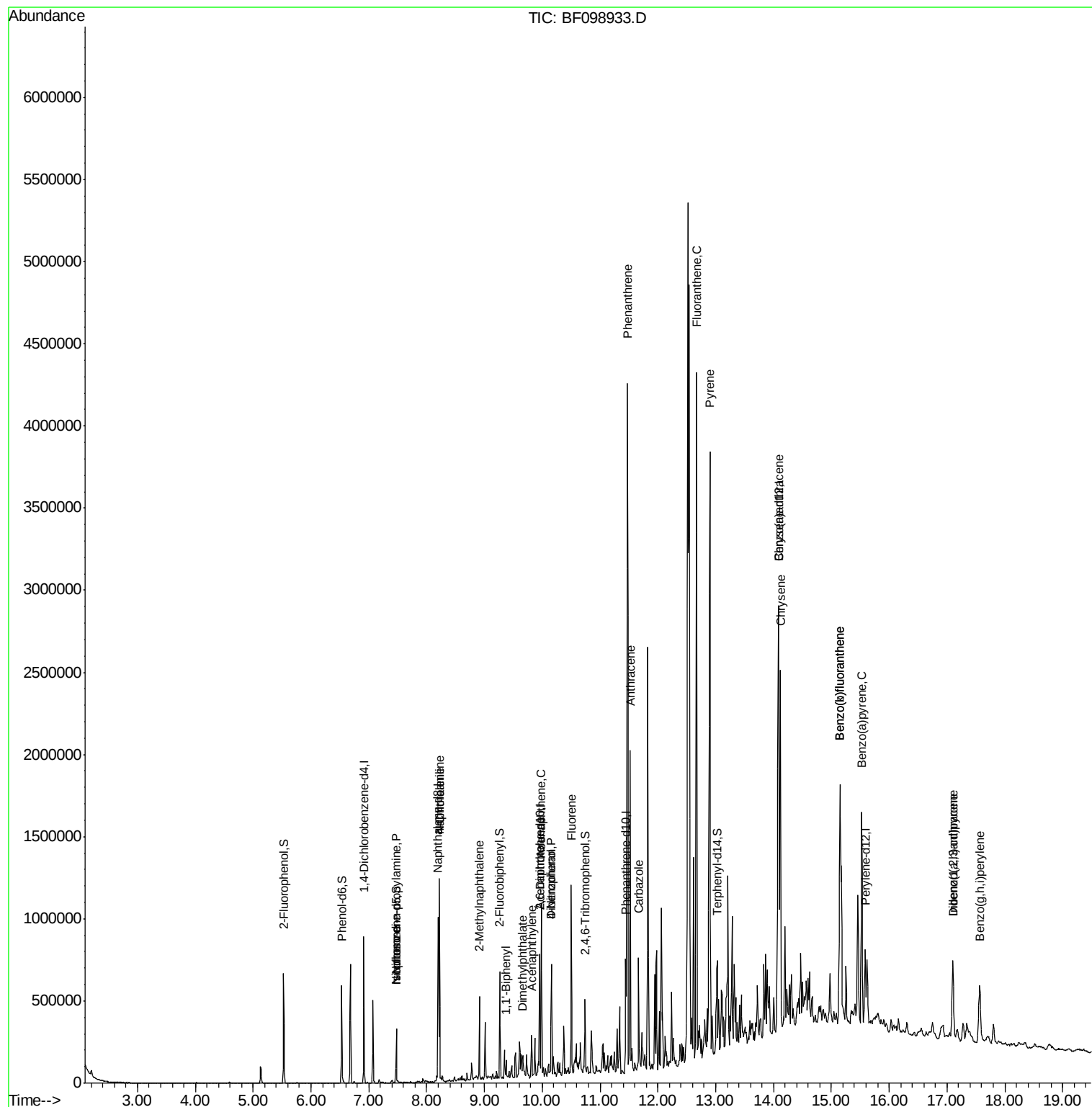
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.47	70	13757	2.43	ng	# 87
25) Isophorone	7.47	82	101275	7.81	ng	# 64
31) Naphthalene	8.22	128	482140	25.53	ng	100
33) 4-Chloroaniline	8.22	127	64511	8.18	ng	# 35
37) 2-Methylnaphthalene	8.91	142	121095	9.86	ng	100
45) 1,1'-Biphenyl	9.37	154	32808	2.70	ng	97
48) Acenaphthylene	9.82	152	80008	5.72	ng	99
49) Dimethylphthalate	9.66	163	21810	2.04	ng	# 98
50) 2,6-Dinitrotoluene	9.95	165	23335	10.03	ng	# 26
51) Acenaphthene	9.99	154	190163	21.46	ng	100
54) Dibenzofuran	10.16	168	223898	18.97	ng	96
55) 4-Nitrophenol	10.16	139	88578	38.60	ng	# 11
57) Fluorene	10.50	166	285863	30.14	ng	99
70) Phenanthrene	11.47	178	1750143	133.86	ng	99
71) Anthracene	11.52	178	656373	49.07	ng	100
72) Carbazole	11.67	167	253361	19.34	ng	100
74) Fluoranthene	12.67	202	2169344	163.86	ng	99
77) Pyrene	12.90	202	1919681	113.08	ng	98
80) Benzo(a)anthracene	14.08	228	1024800	76.02	ng	97
82) Chrysene	14.12	228	843010	65.68	ng	98
85) Indeno(1,2,3-cd)pyrene	17.10	276	317762	30.95	ng	96
87) Benzo(b)fluoranthene	15.15	252	1204202	115.84	ng	# 95
88) Benzo(k)fluoranthene	15.15	252	1204202	117.28	ng	98
89) Benzo(a)pyrene	15.53	252	606862	63.60	ng	96
90) Dibenzo(a,h)anthracene	17.11	278	76839	10.06	ng	# 87
91) Benzo(g,h,i)perylene	17.57	276	291236	38.58	ng	96

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

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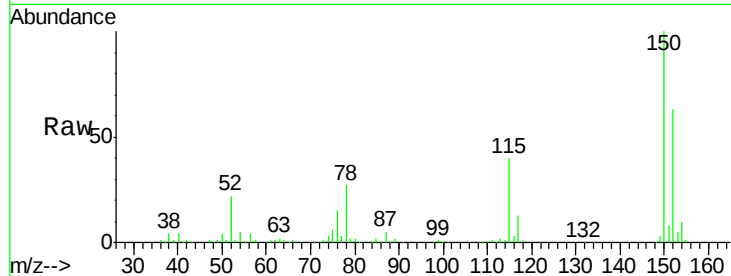


#1

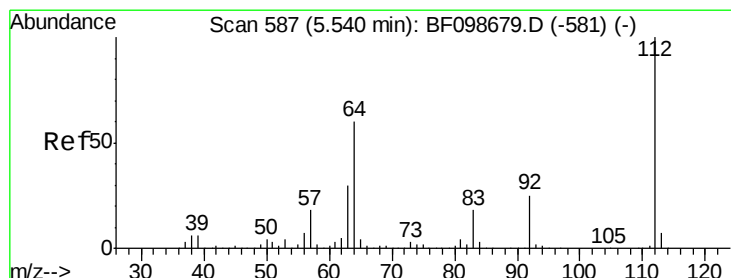
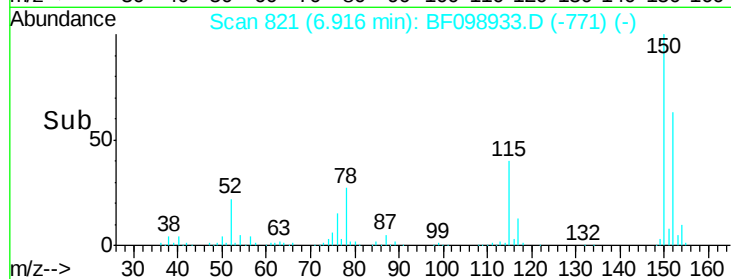
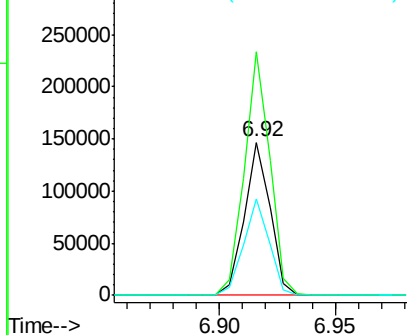
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114608
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 63.1 50.1 75.1



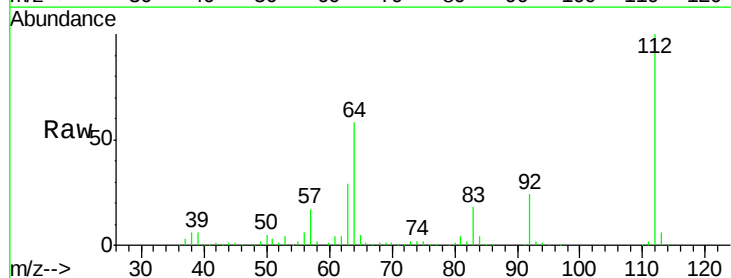
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



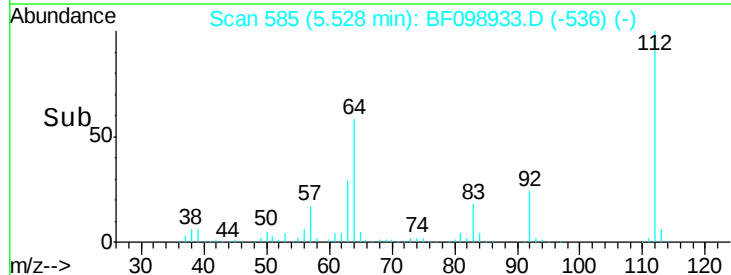
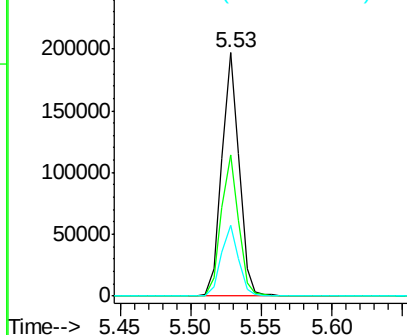
#5

2-Fluorophenol
Concen: 23.47 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:112 Resp: 168979
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.00 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

Instrument :

BNA_F

ClientSampled :

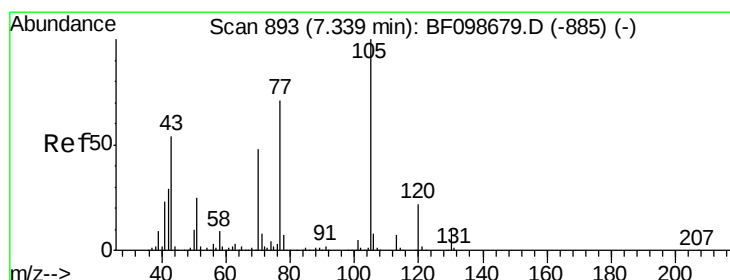
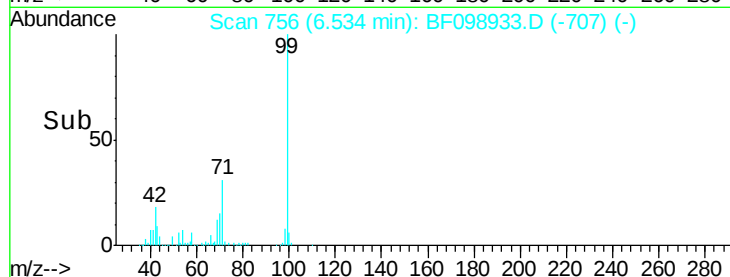
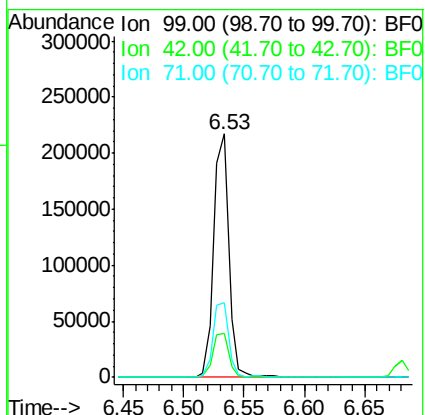
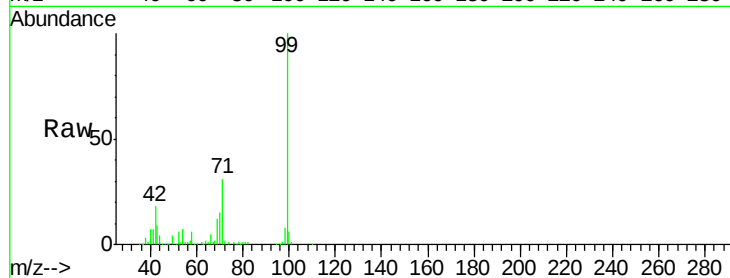
Tot Ion: 99 Resp: 186550

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 30.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.43 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.14 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

Tgt Ion: 70 Resp: 13757

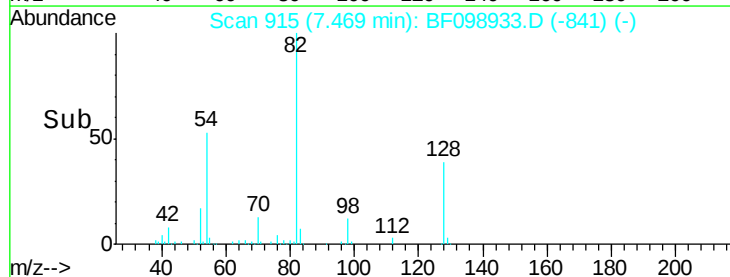
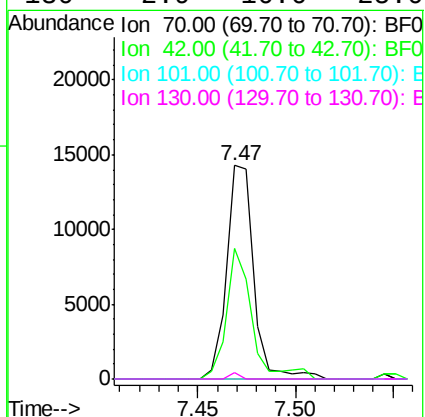
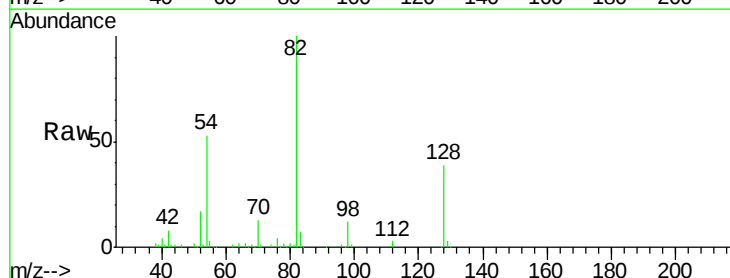
Ion Ratio Lower Upper

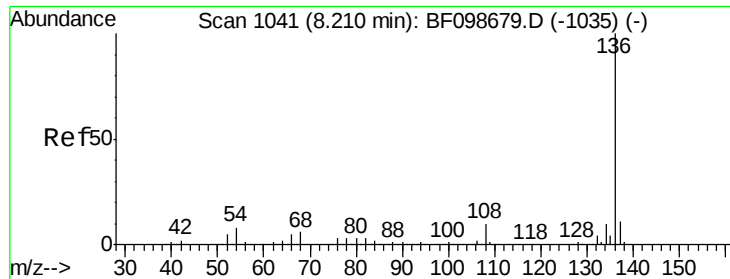
70 100

42 60.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

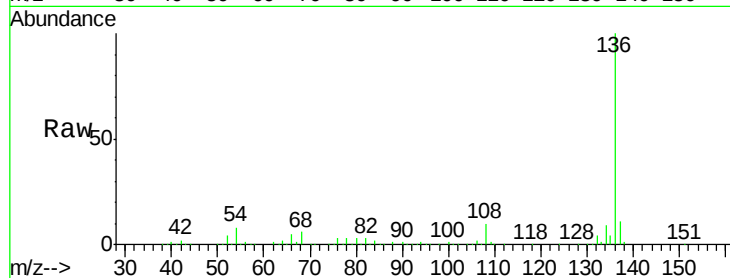




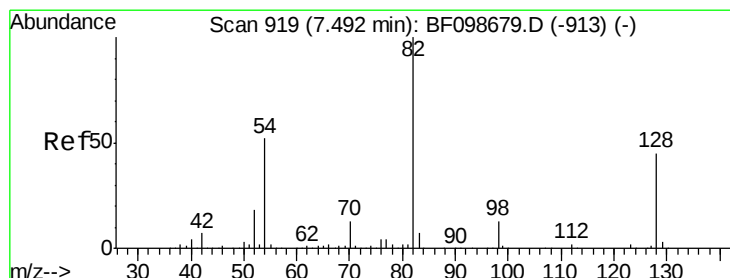
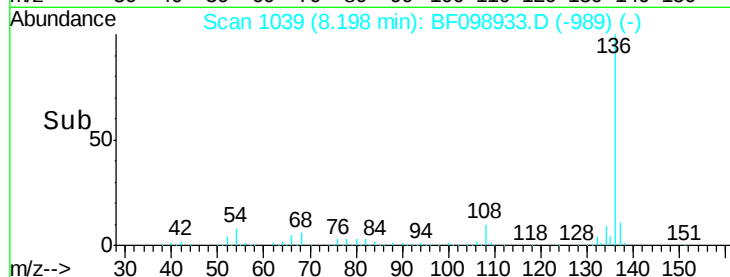
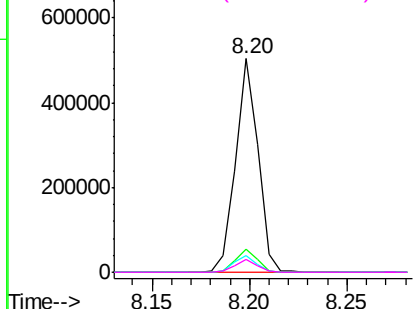
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	402097
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.8	6.6 9.8
68	6.2	5.0 7.4

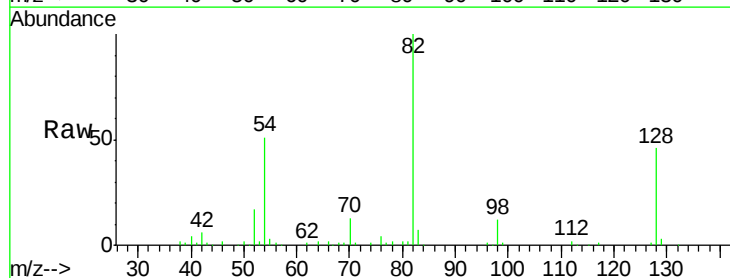


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

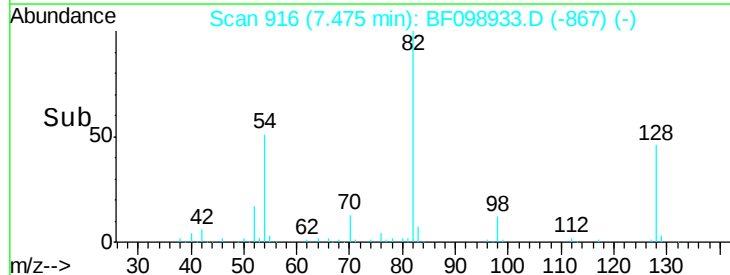
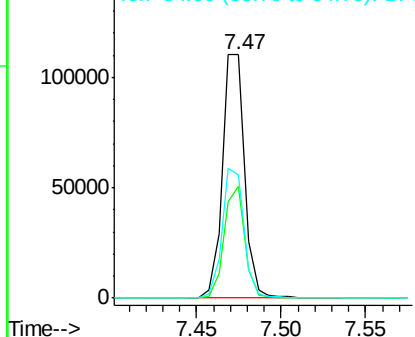


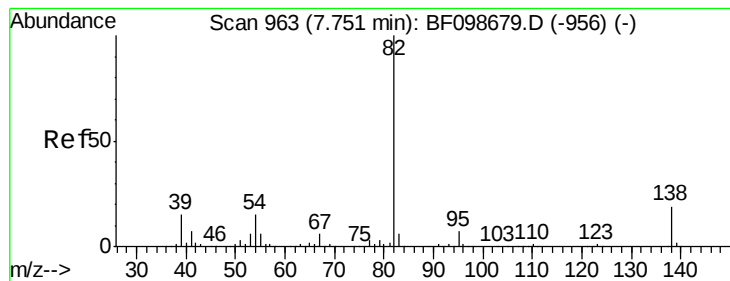
#23
Nitrobenzene-d5
Concen: 16.15 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion: 82	Resp:	101277
Ion Ratio	Lower	Upper
82	100	
128	46.0	36.1 54.1
54	50.7	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 7.81 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

Instrument :

BNA_F

ClientSampled :

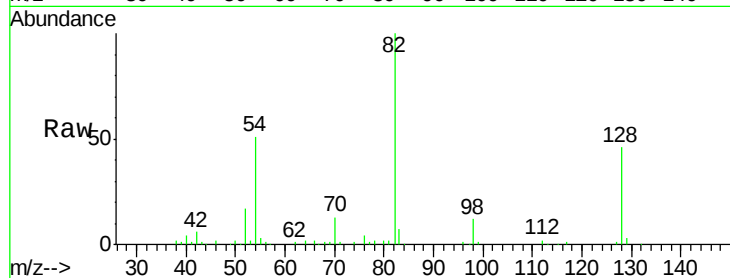
Tot Ion: 82 Resp: 101275

Ion Ratio Lower Upper

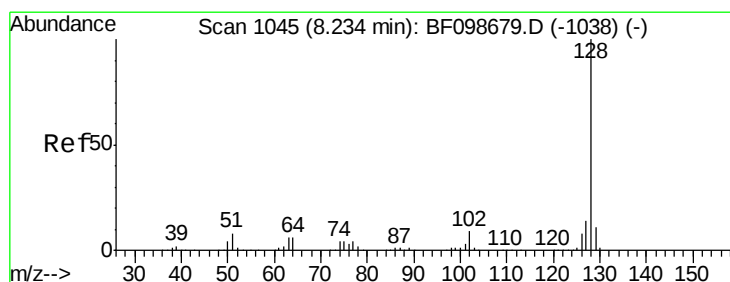
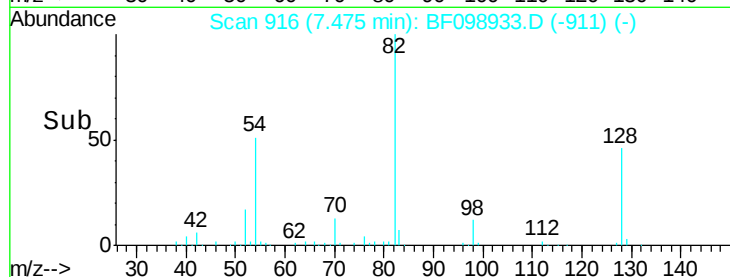
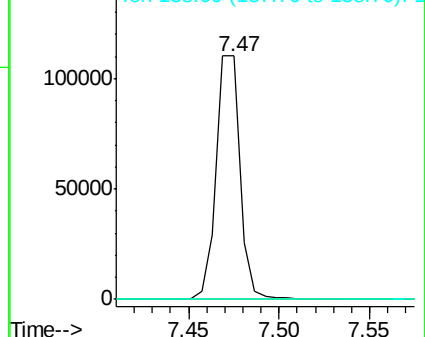
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 25.53 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

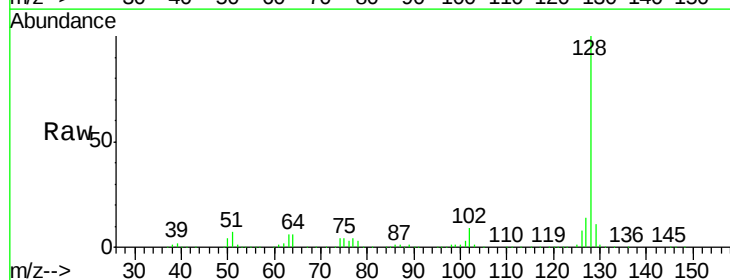
Tgt Ion: 128 Resp: 482140

Ion Ratio Lower Upper

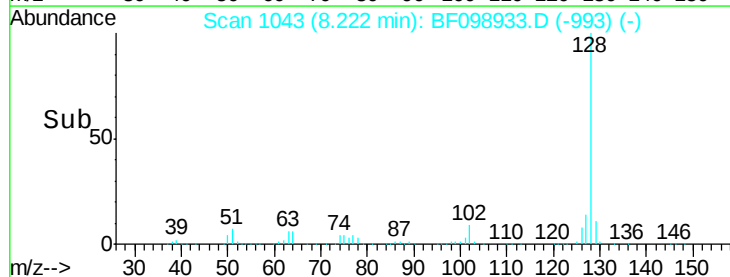
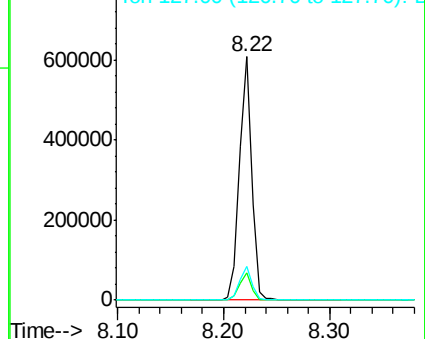
128 100

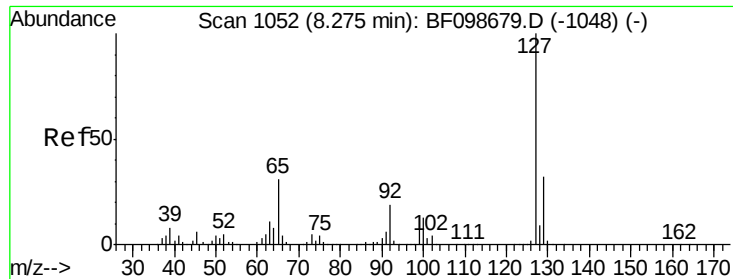
129 11.1 8.8 13.2

127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF0
Ion 129.00 (128.70 to 129.70): BF0
Ion 127.00 (126.70 to 127.70): BF0

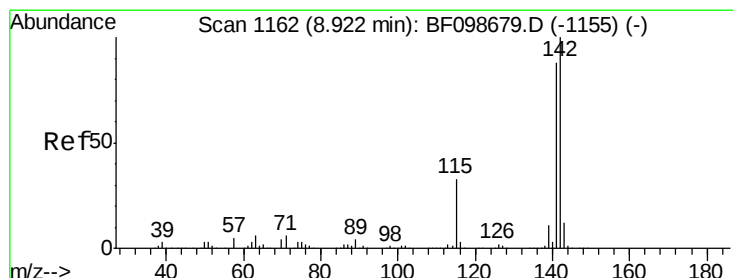
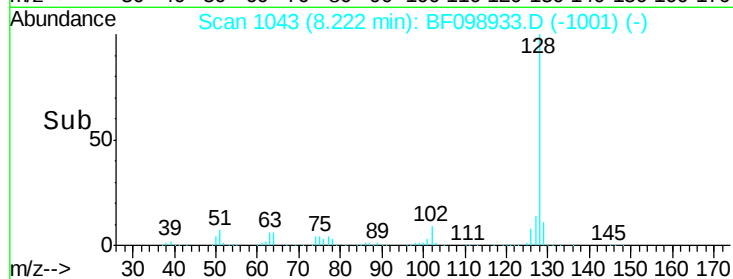
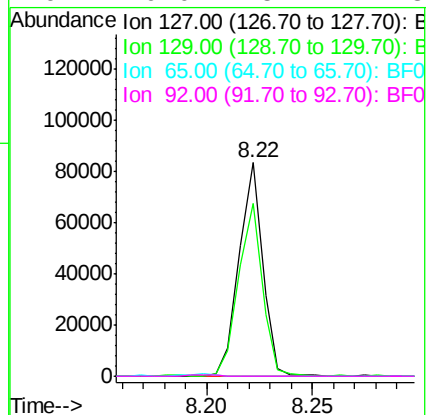
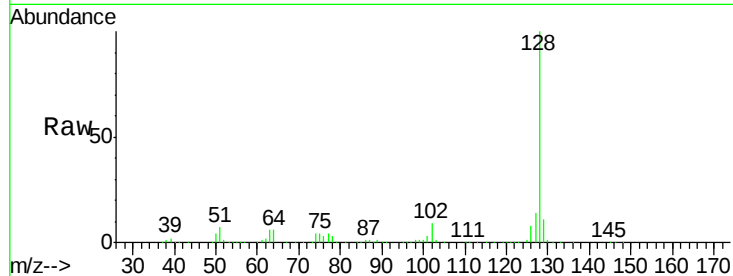




#33
4-Chloroaniline
Concen: 8.18 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

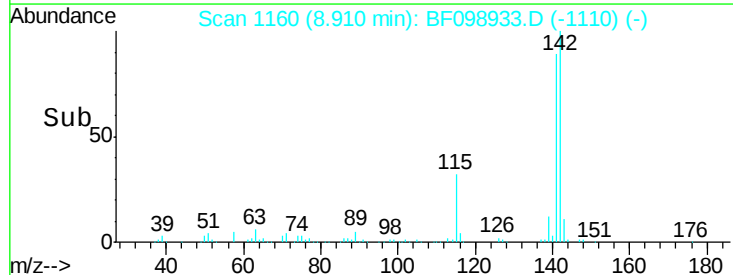
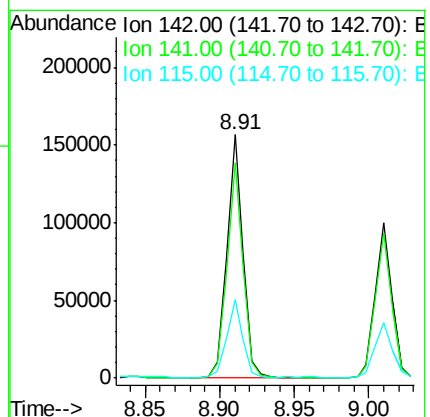
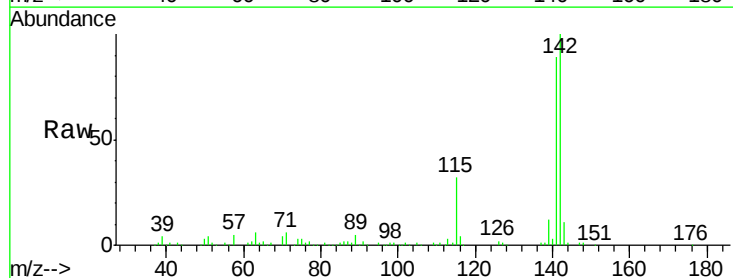
Instrument :
BNA_F
ClientSampleId :

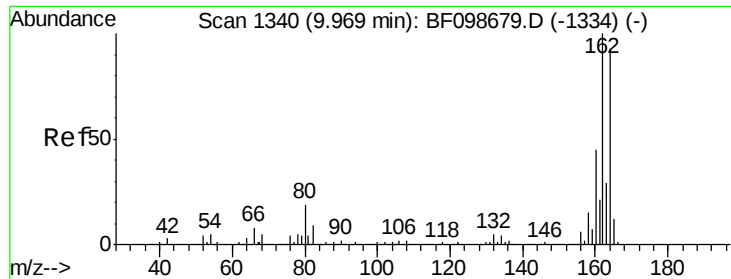
Tot Ion:127 Resp: 64511
Ion Ratio Lower Upper
127 100
129 80.7 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



#37
2-Methylnaphthalene
Concen: 9.86 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:142 Resp: 121095
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 32.2 26.1 39.1

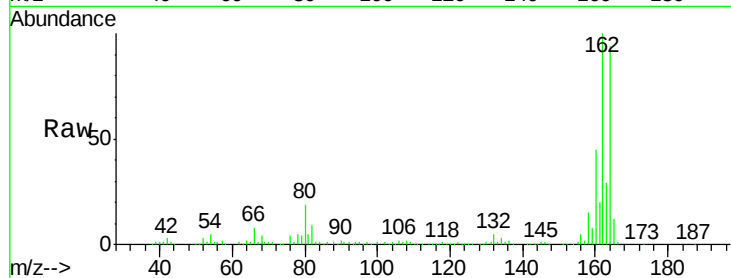




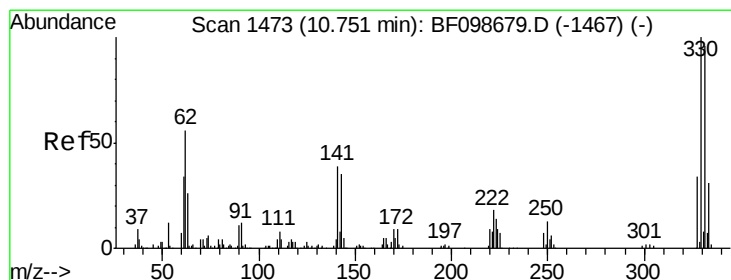
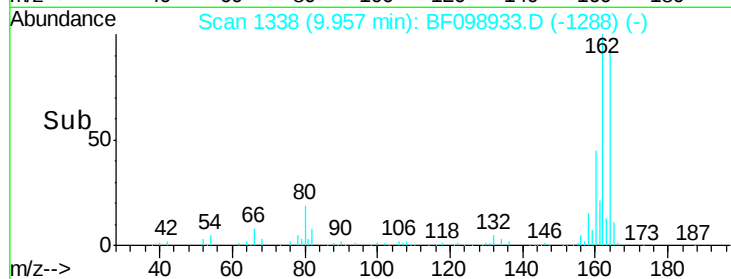
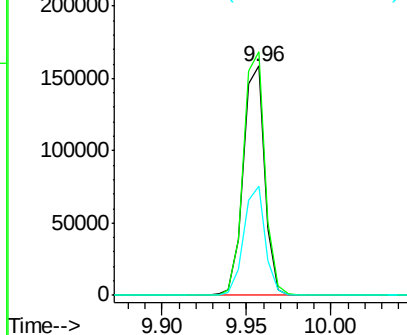
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 141638
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 47.8 38.3 57.5

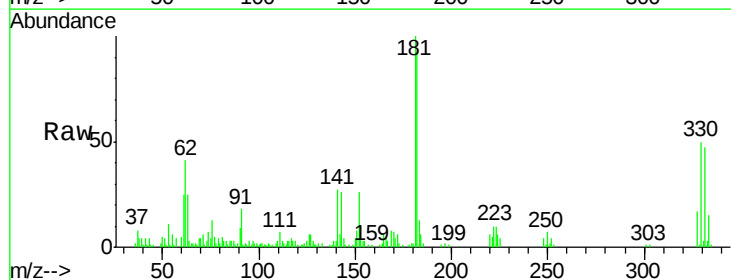


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

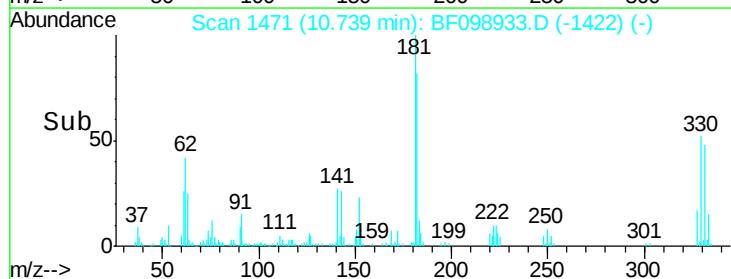
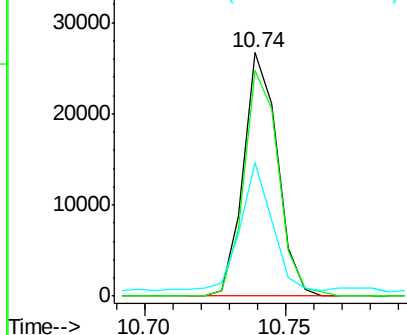


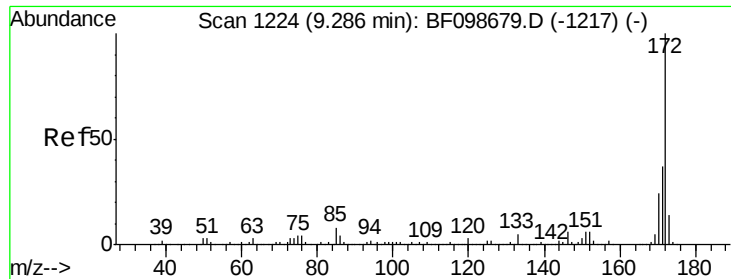
#41
2,4,6-Tribromophenol
Concen: 19.26 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:330 Resp: 22324
Ion Ratio Lower Upper
330 100
332 94.0 77.0 115.6
141 49.9 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

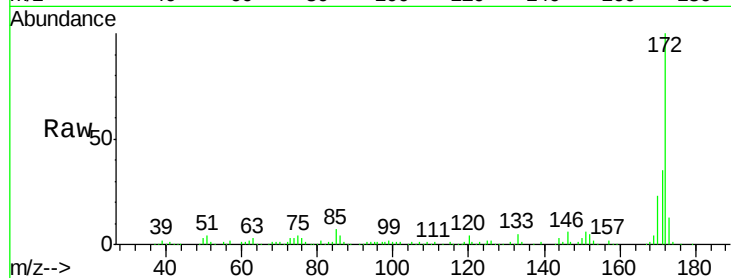




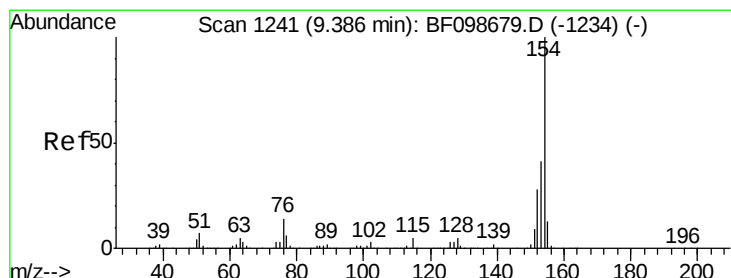
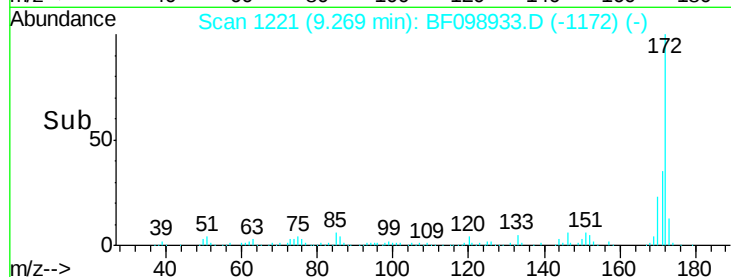
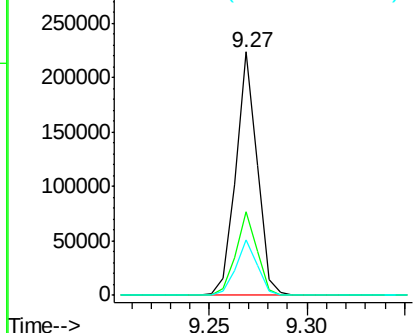
#44
 2-Fluorobiphenyl
 Concen: 19.92 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098933.D
 Acq: 29 Sep 2017 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 168968
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.7 44.5
 170 22.9 19.6 29.4

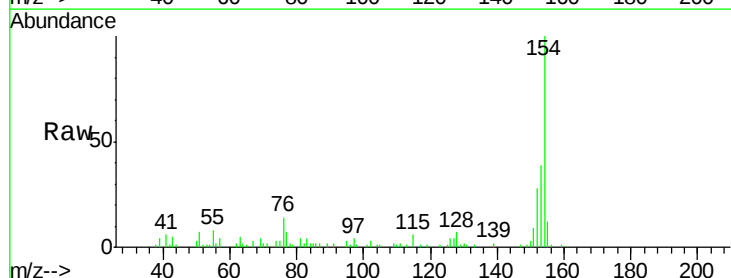


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

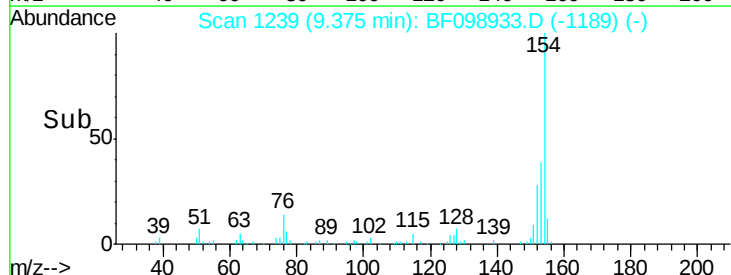
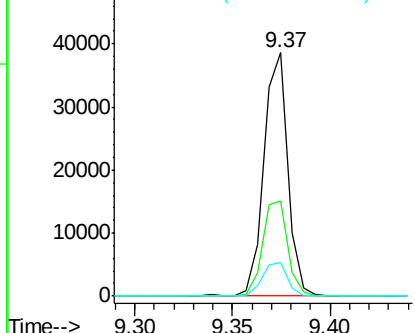


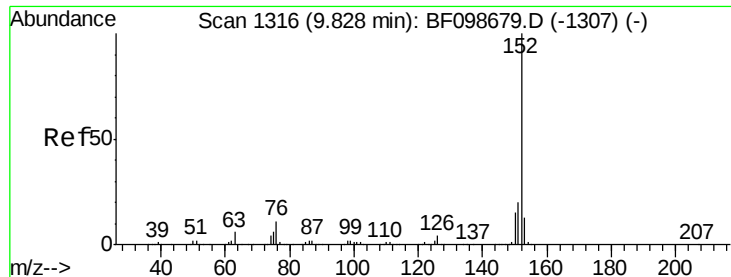
#45
 1,1'-Biphenyl
 Concen: 2.70 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098933.D
 Acq: 29 Sep 2017 3:36

Tgt Ion:154 Resp: 32808
 Ion Ratio Lower Upper
 154 100
 153 39.1 21.3 61.3
 76 13.6 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): BF0





#48

Acenaphthylene

Concen: 5.72 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

Instrument :

BNA_F

ClientSampleId :

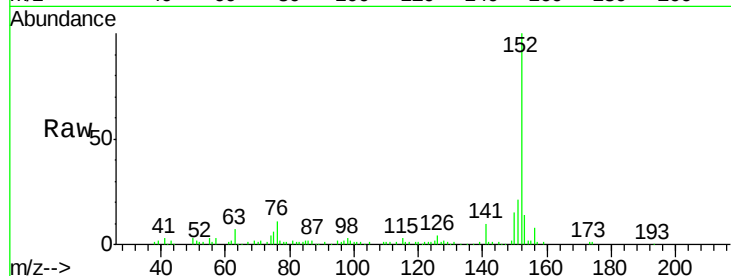
Tot Ion:152 Resp: 80008

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

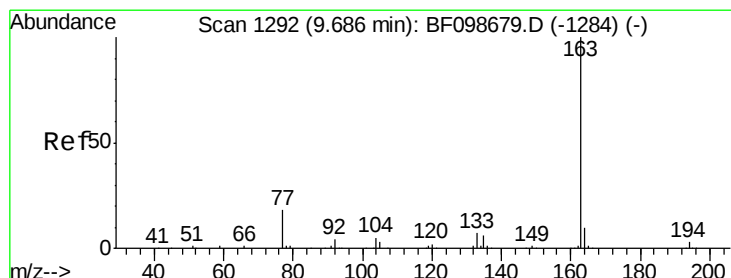
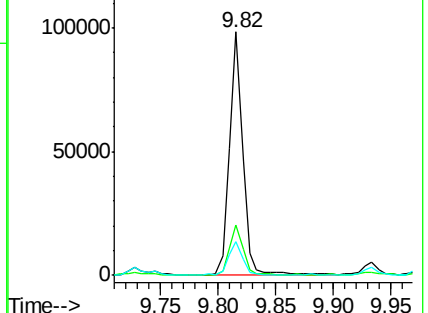
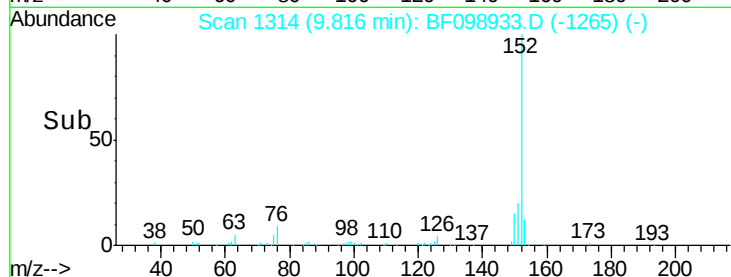
153 13.9 10.7 16.1



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



#49

Dimethylphthalate

Concen: 2.04 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

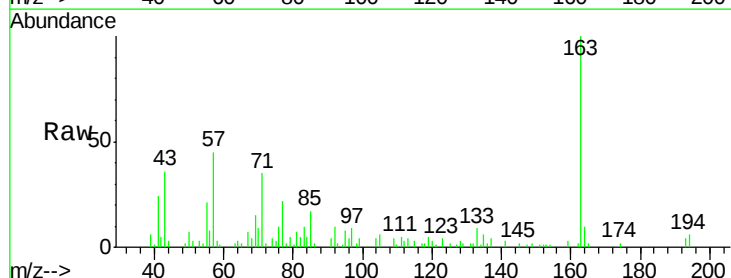
Tgt Ion:163 Resp: 21810

Ion Ratio Lower Upper

163 100

194 5.7 2.7 4.1#

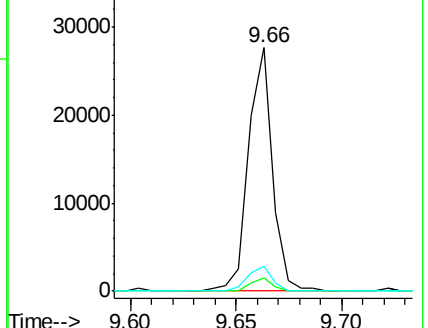
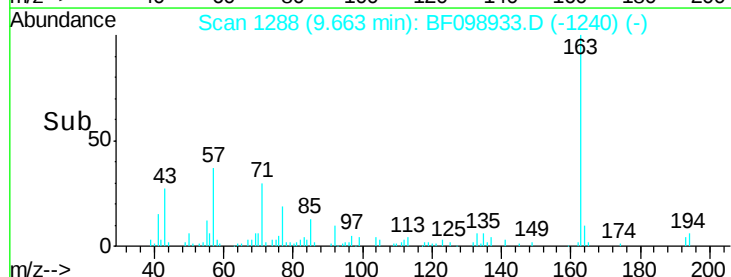
164 10.1 8.2 12.2

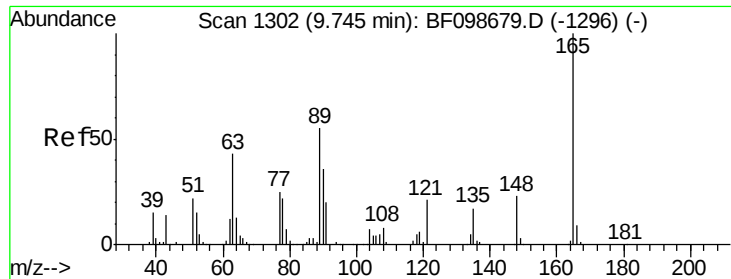


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

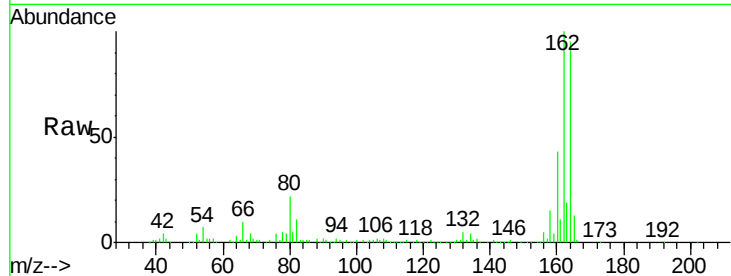




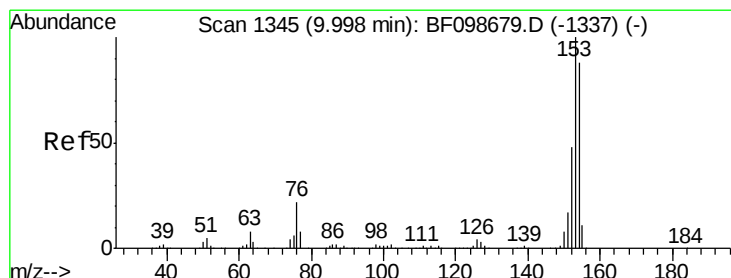
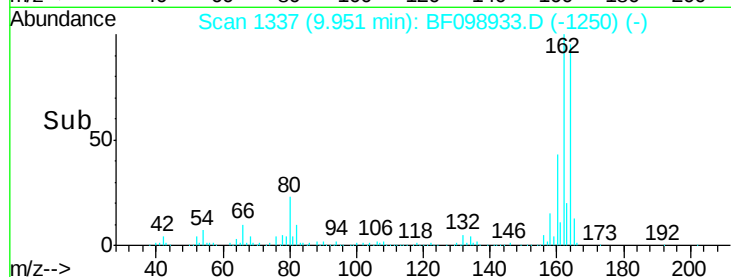
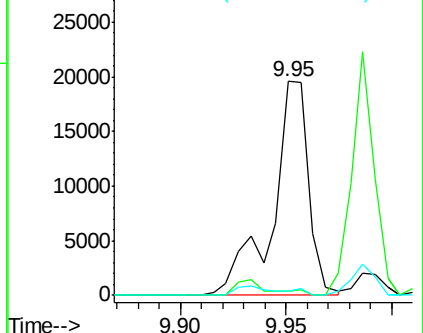
#50
 2,6-Dinitrotoluene
 Concen: 10.03 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098933.D
 Acq: 29 Sep 2017 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.8	44.0	66.0#

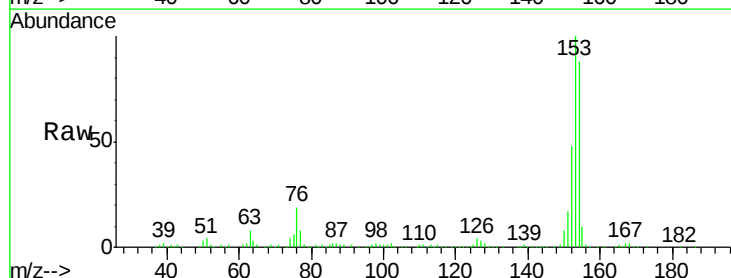


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

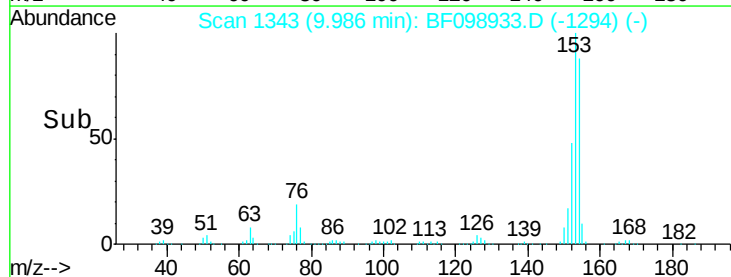
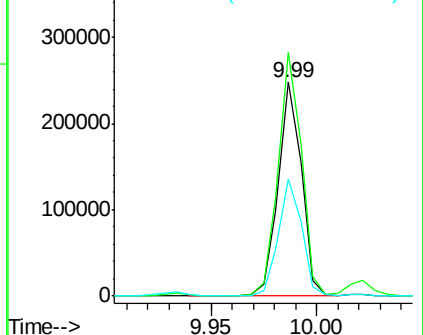


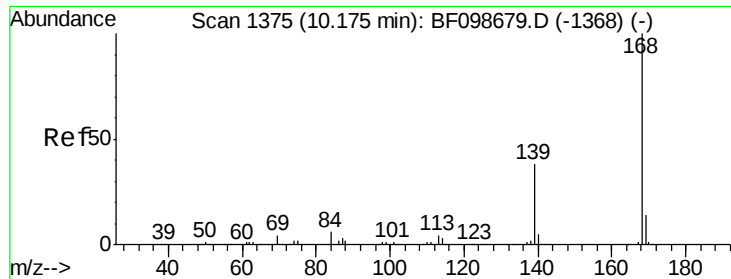
#51
 Acenaphthene
 Concen: 21.46 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF098933.D
 Acq: 29 Sep 2017 3:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.2	136.8
152	54.4	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: 18.97 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

Instrument :

BNA_F

ClientSampleId :

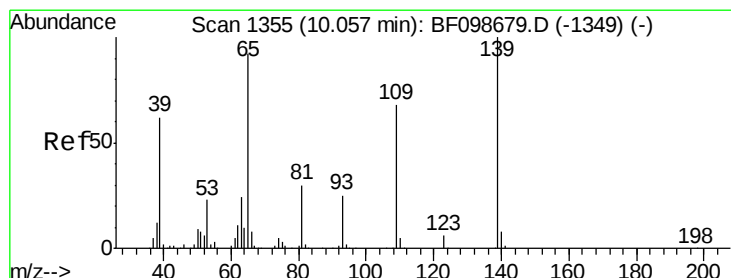
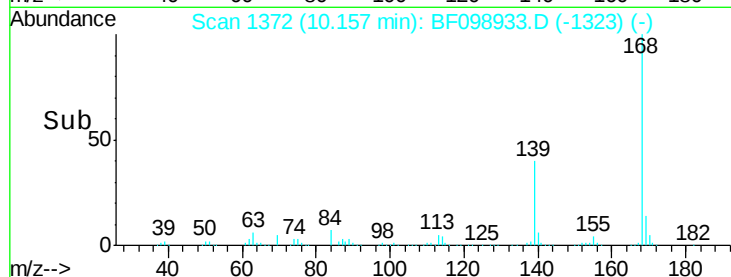
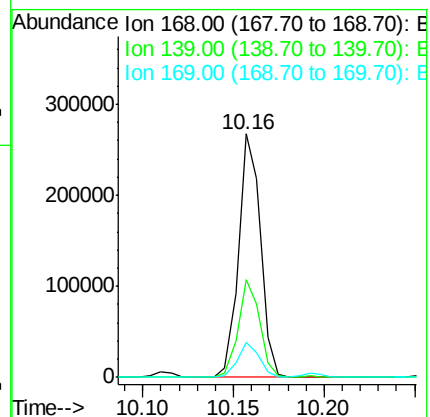
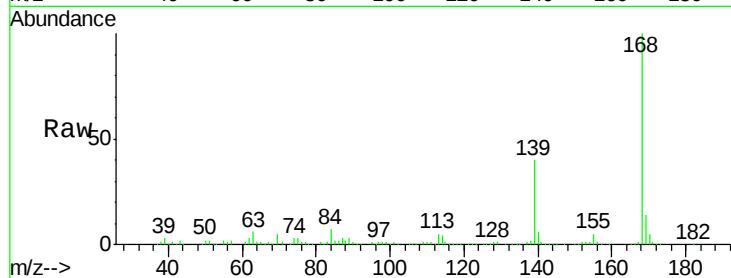
Tot Ion:168 Resp: 223898

Ion Ratio Lower Upper

168 100

139 40.2 30.1 45.1

169 14.3 10.9 16.3



#55

4-Nitrophenol

Concen: 38.60 ng

RT: 10.16 min Scan# 1372

Delta R.T. 0.10 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

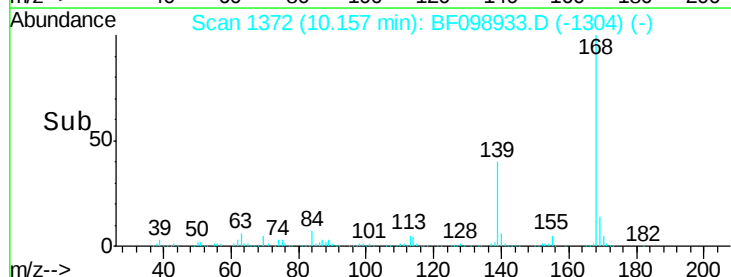
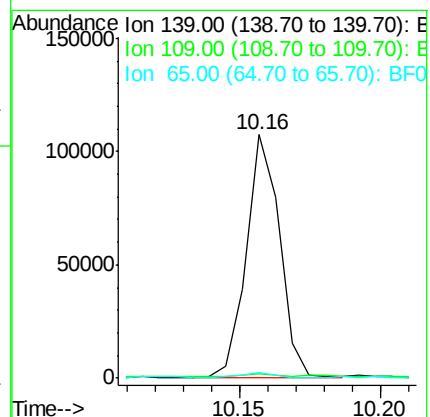
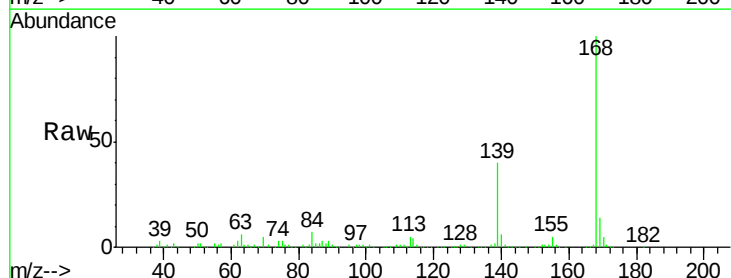
Tgt Ion:139 Resp: 88578

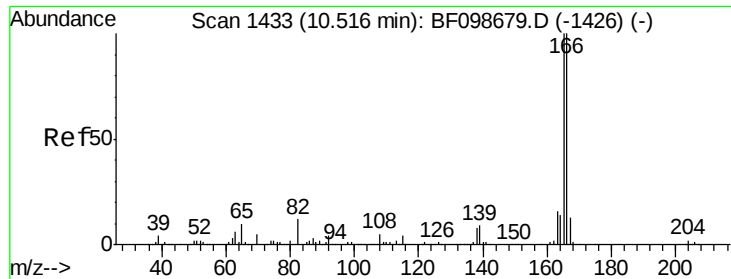
Ion Ratio Lower Upper

139 100

109 1.7 48.4 88.4#

65 2.1 72.6 112.6#

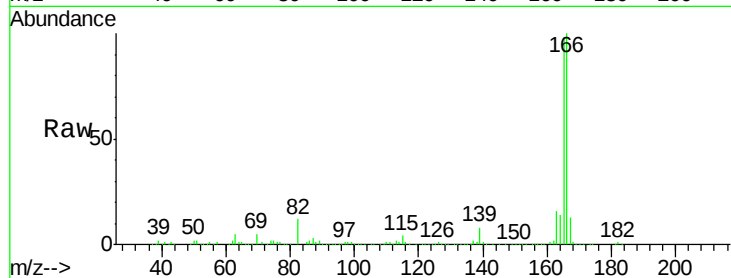




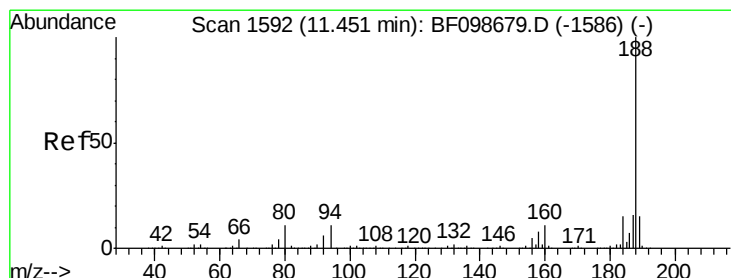
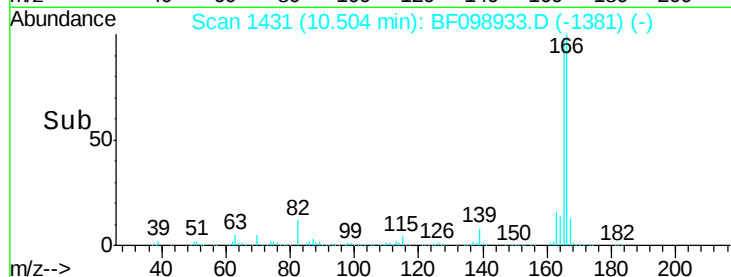
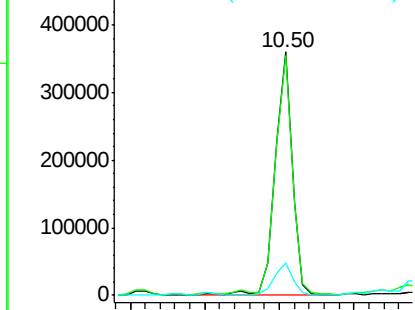
#57
 Fluorene
 Concen: 30.14 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098933.D
 Acq: 29 Sep 2017 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.1	10.6	16.0

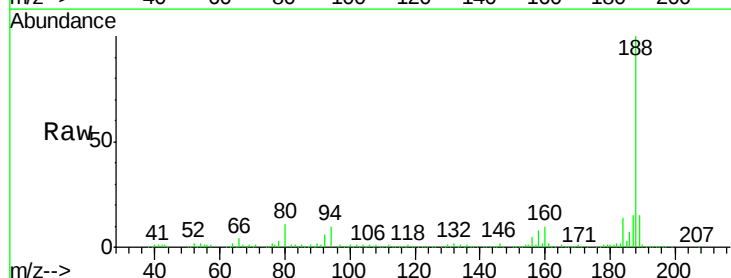


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

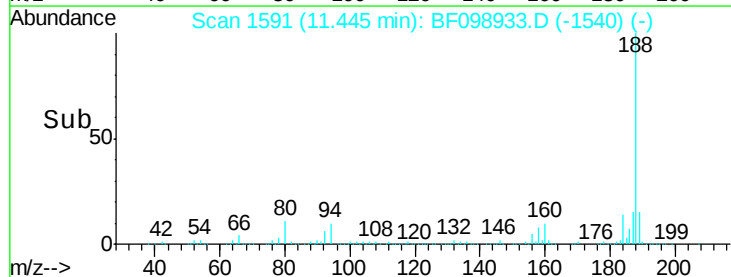
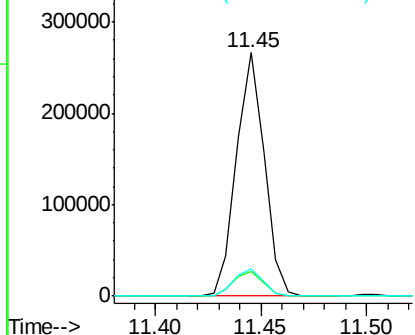


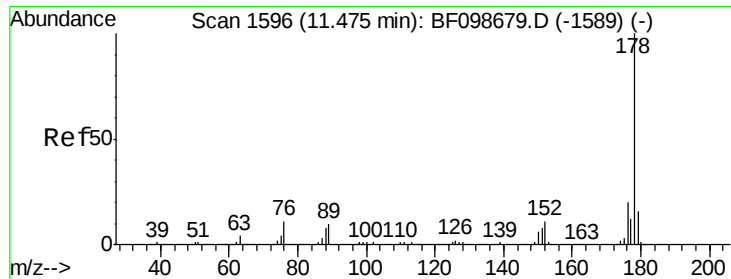
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098933.D
 Acq: 29 Sep 2017 3:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.2	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

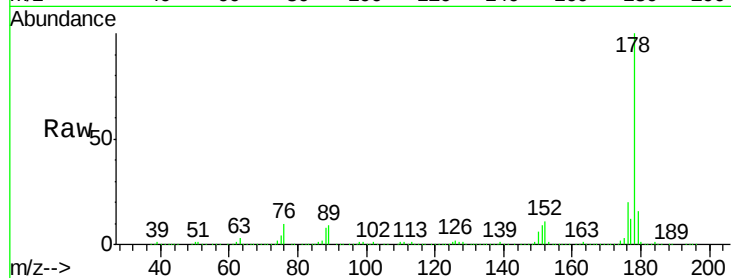




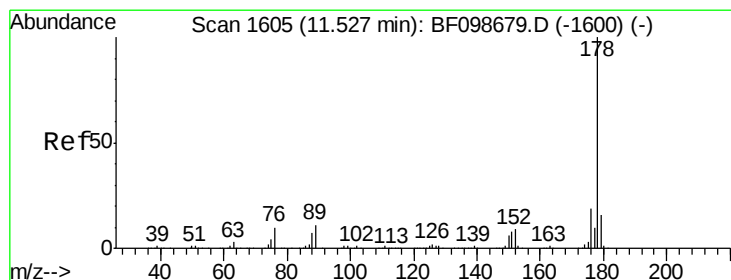
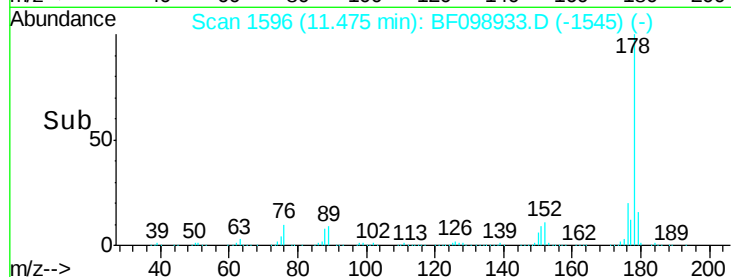
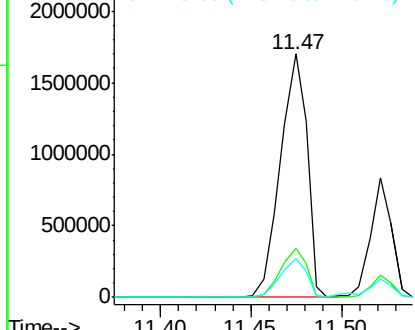
#70
Phenanthrene
Concen: 133.86 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1750143
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 16.0 13.0 19.6

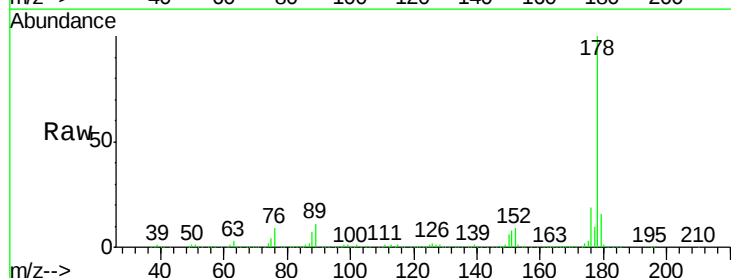


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

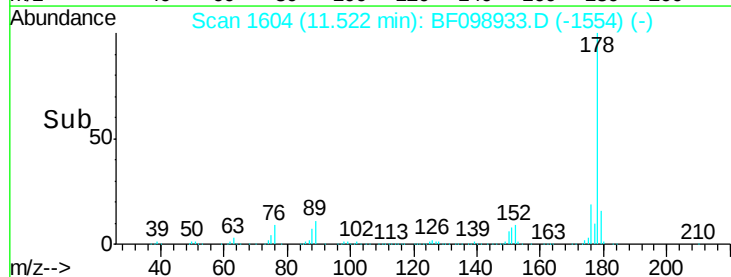
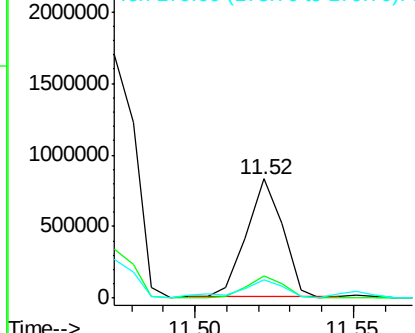


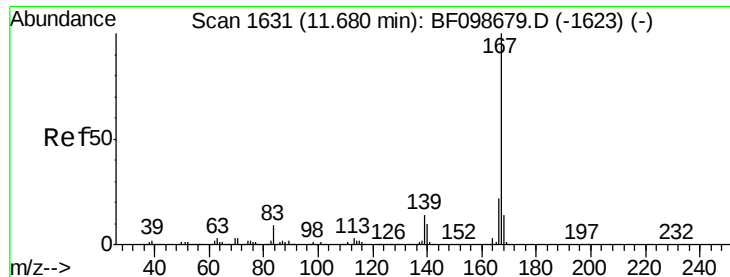
#71
Anthracene
Concen: 49.07 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:178 Resp: 656373
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.6 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: 19.34 ng

RT: 11.67 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

Instrument :

BNA_F

ClientSampleId :

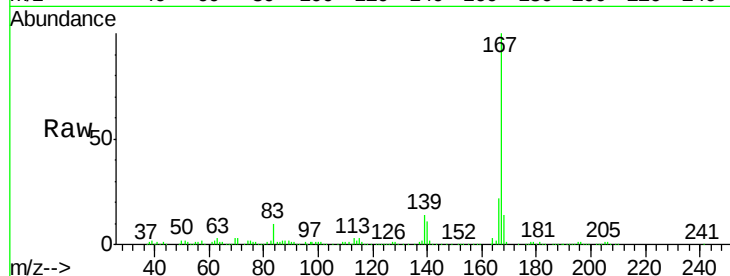
Tot Ion:167 Resp: 253361

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

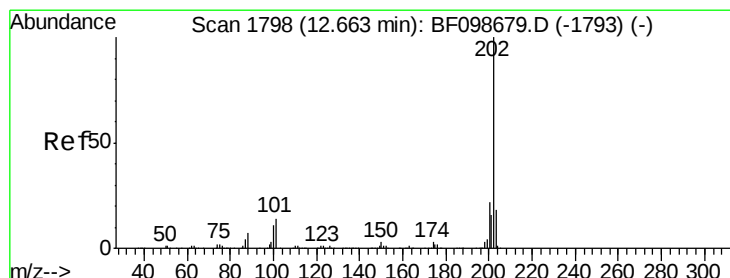
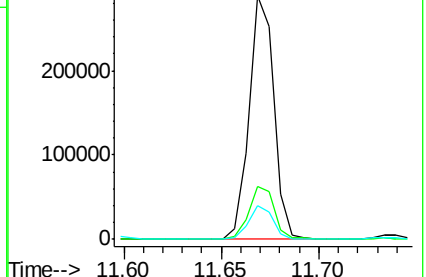
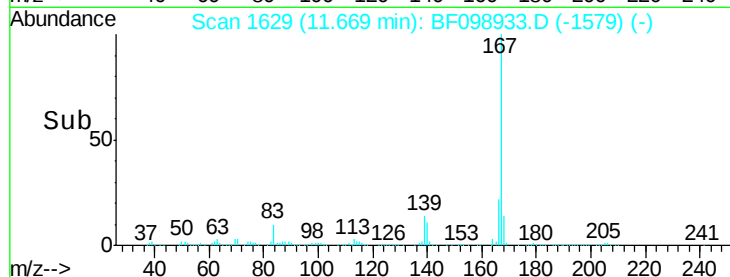
139 14.0 10.9 16.3



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: 163.86 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

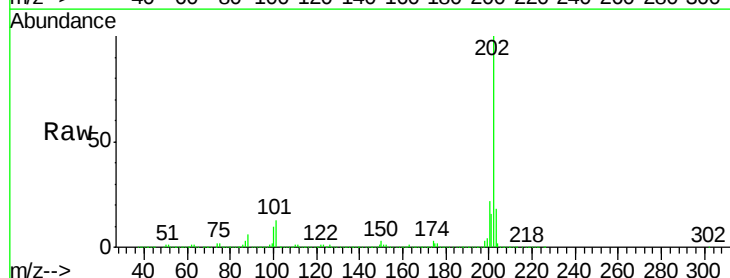
Tgt Ion:202 Resp: 2169344

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

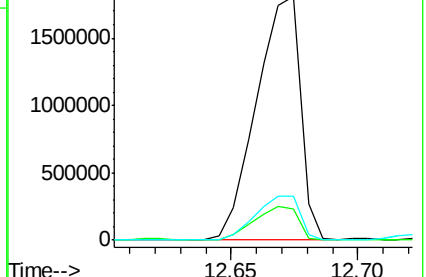
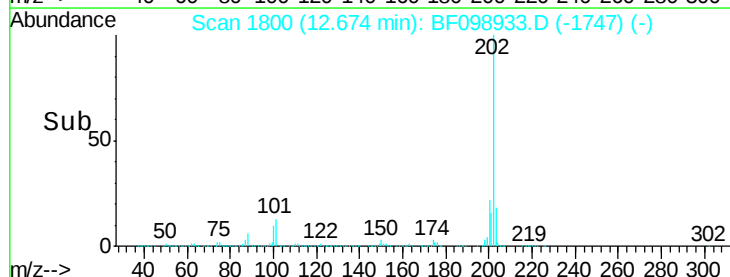
203 18.1 0.0 38.1

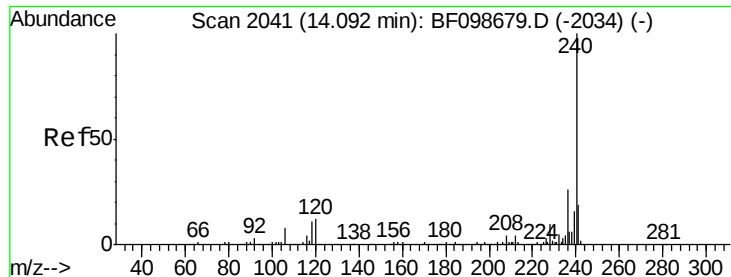


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

Instrument :

BNA_F

ClientSampleId :

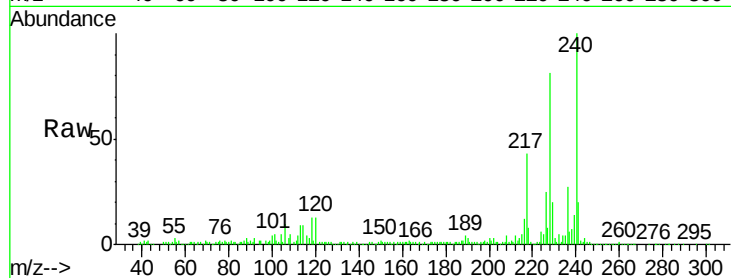
Tot Ion:240 Resp: 222627

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

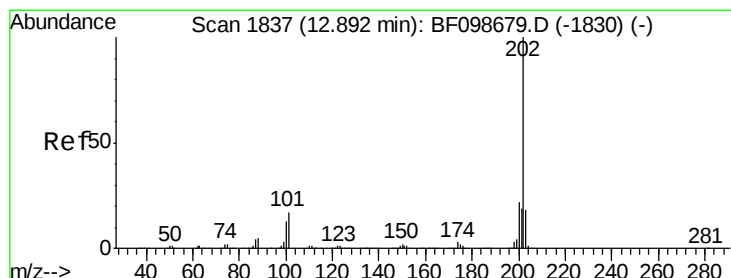
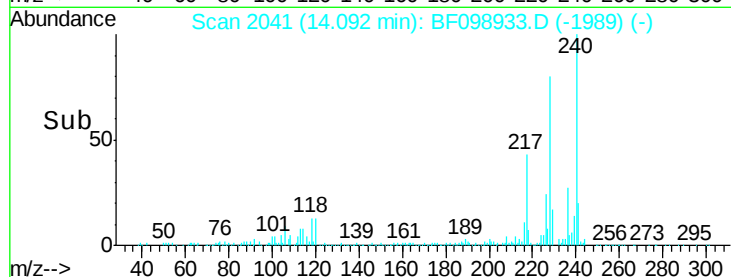
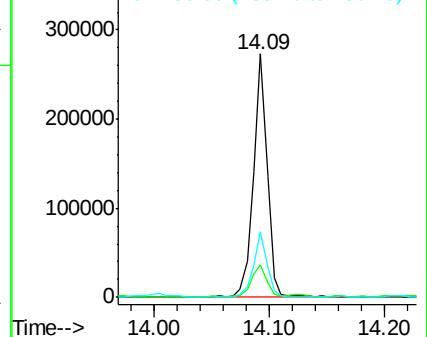
236 27.1 20.7 31.1



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: 113.08 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

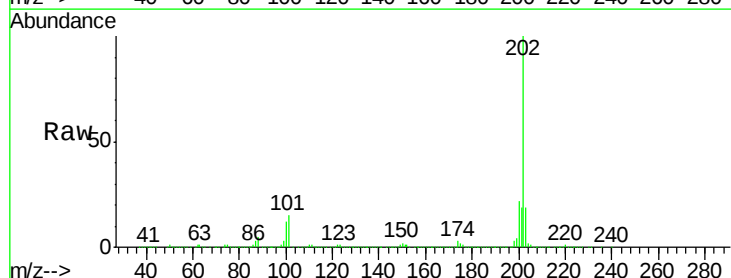
Tgt Ion:202 Resp: 1919681

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

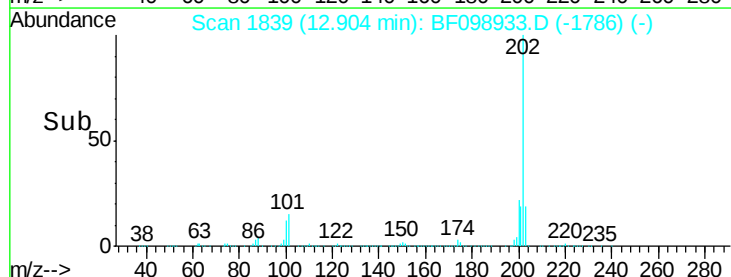
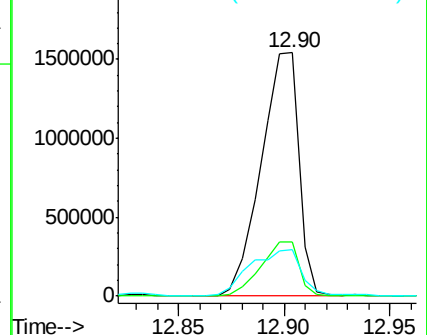
203 19.1 14.3 21.5

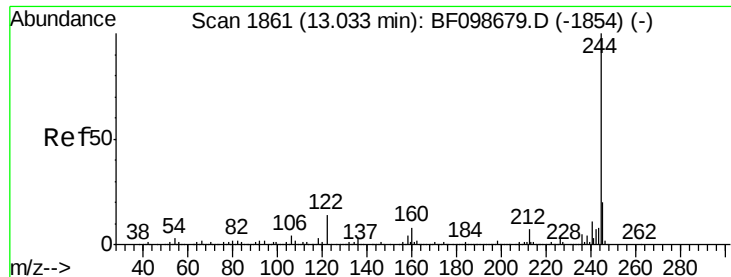


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 15.44 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

Instrument :

BNA_F

ClientSampleId :

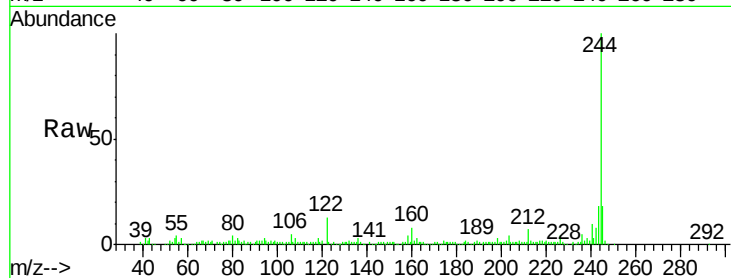
Tot Ion:244 Resp: 151164

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

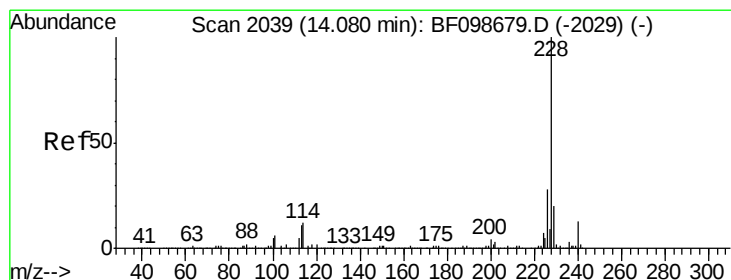
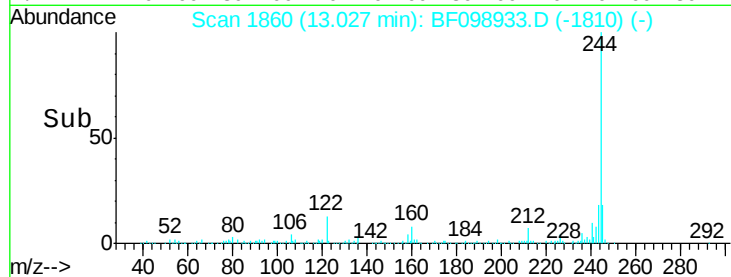
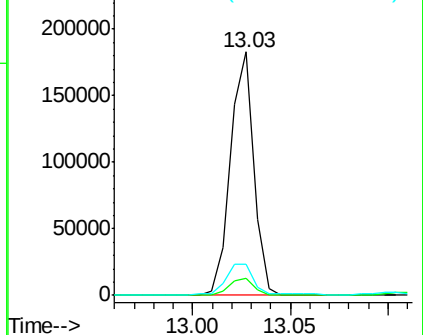
122 12.8 11.0 16.4



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: 76.02 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

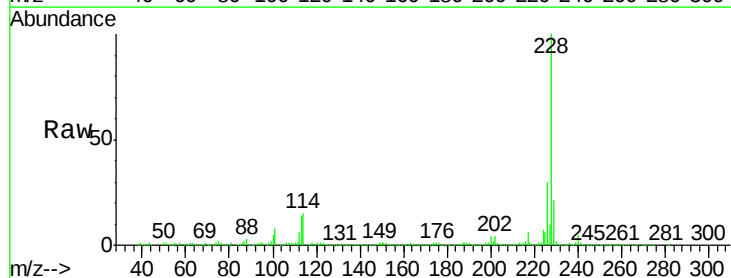
Tgt Ion:228 Resp: 1024800

Ion Ratio Lower Upper

228 100

226 29.8 22.6 33.8

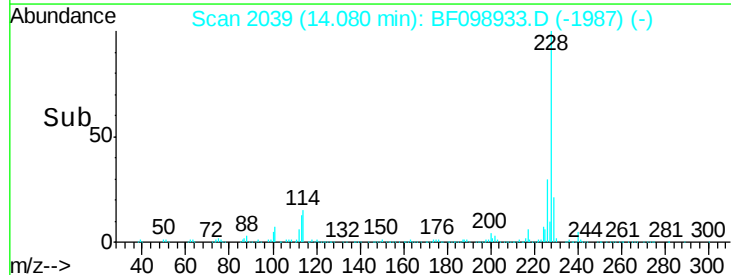
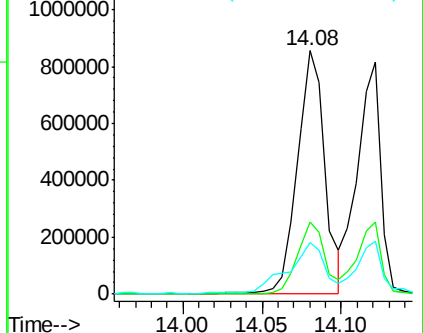
229 21.1 15.8 23.6

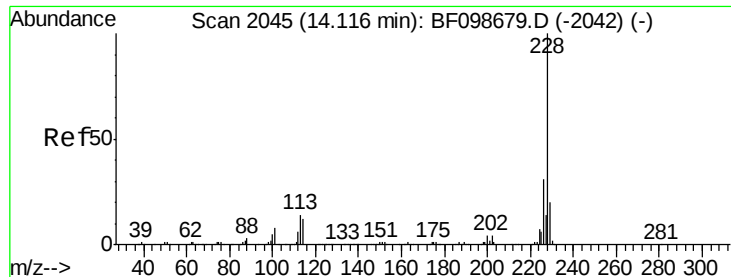


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

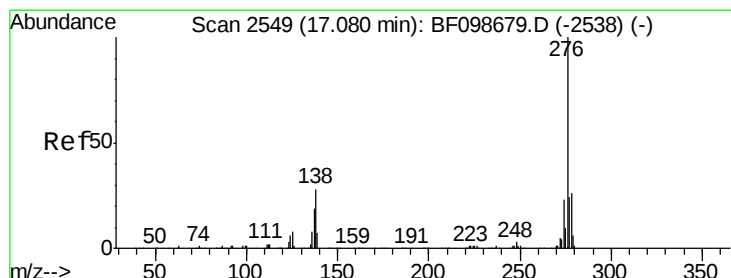
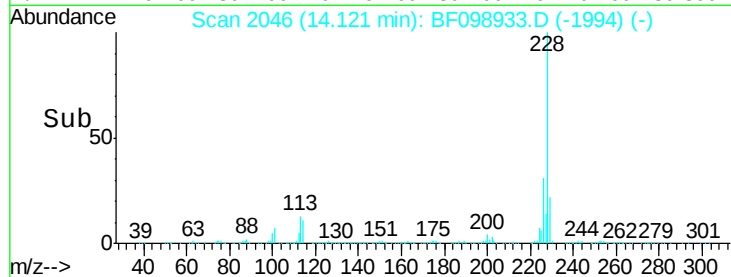
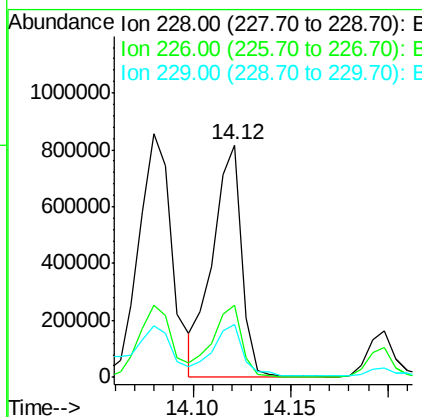
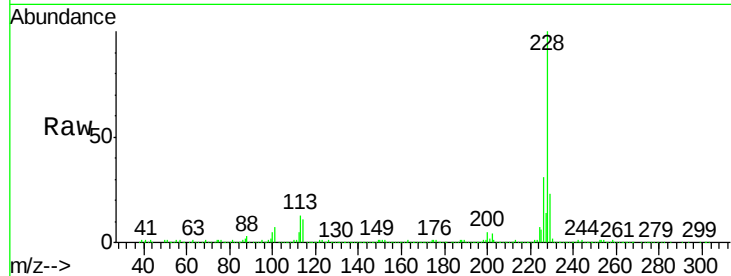




#82
Chrysene
Concen: 65.68 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

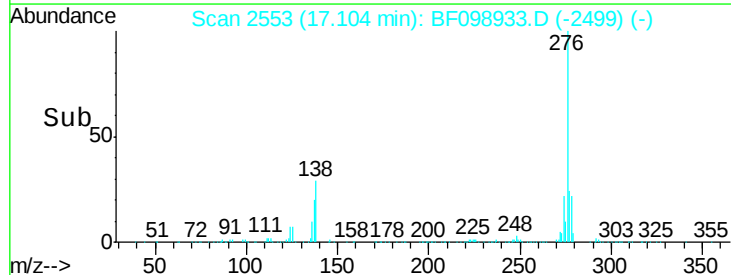
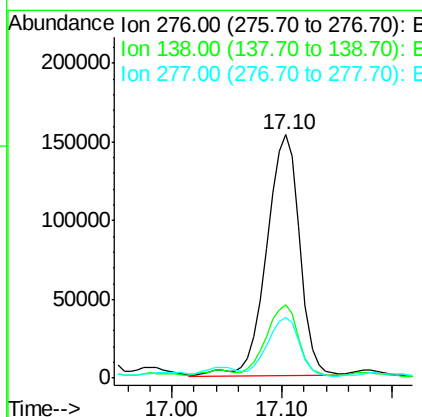
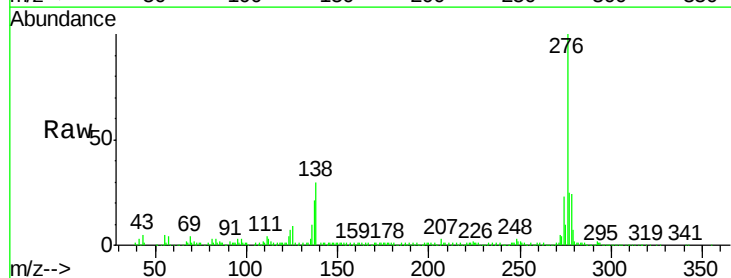
Instrument :
BNA_F
ClientSampleId :

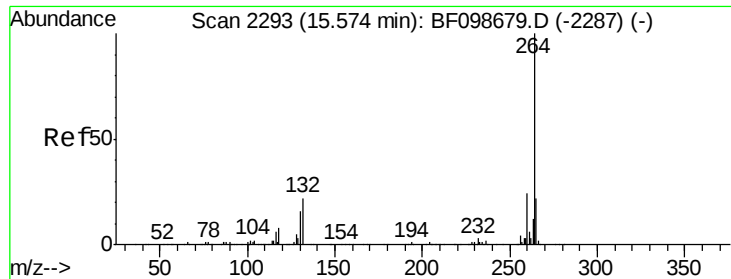
Tot Ion:228 Resp: 843010
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.6
229 22.8 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 30.95 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.02 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:276 Resp: 317762
Ion Ratio Lower Upper
276 100
138 28.5 25.0 37.6
277 24.2 20.1 30.1

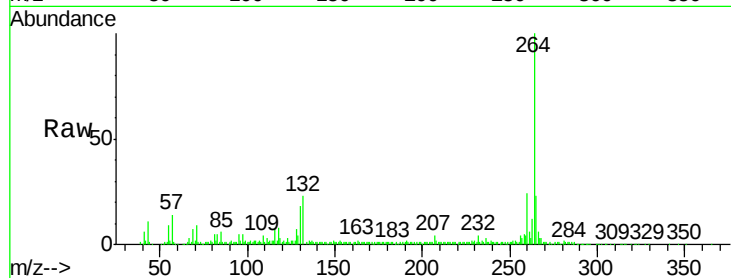




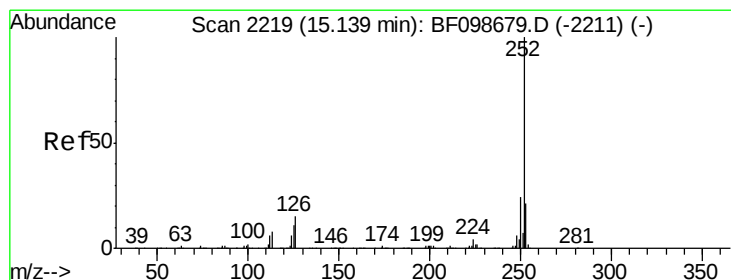
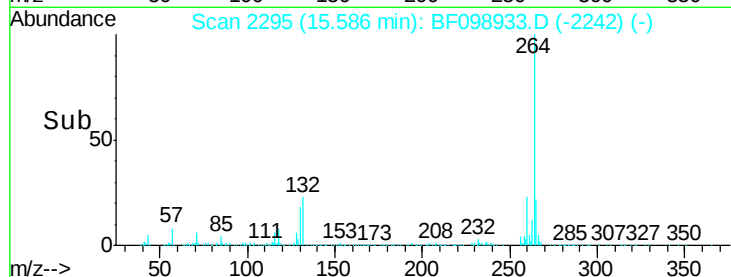
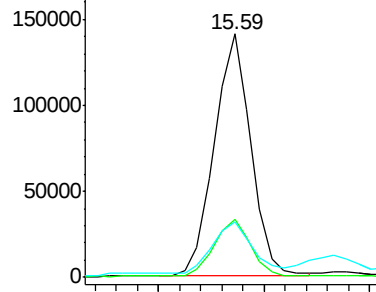
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.9	17.5	26.3

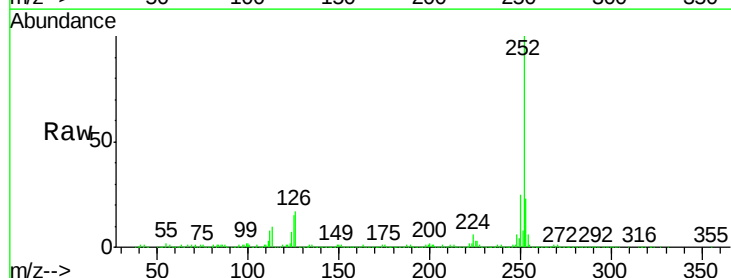


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

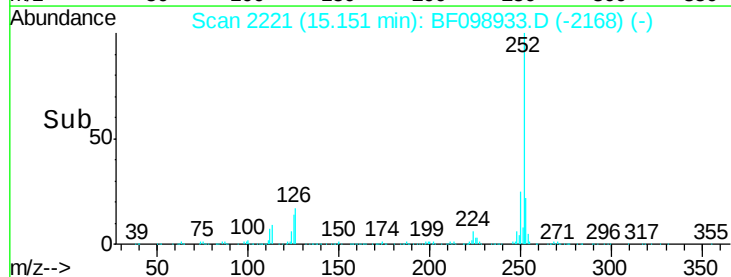
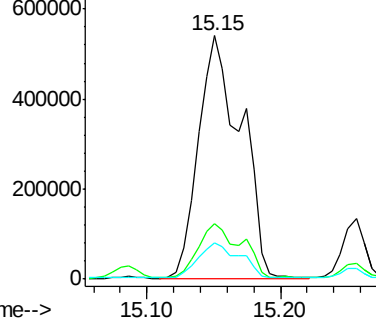


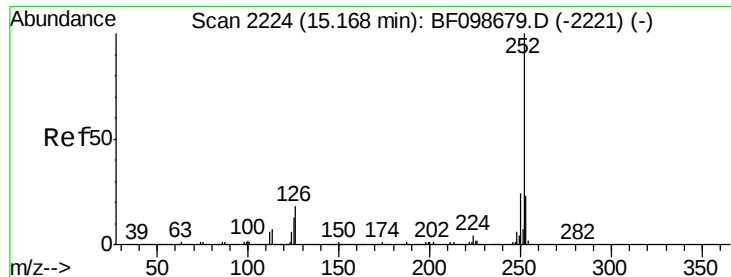
#87
Benzo(b)fluoranthene
Concen: 115.84 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	14.8	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

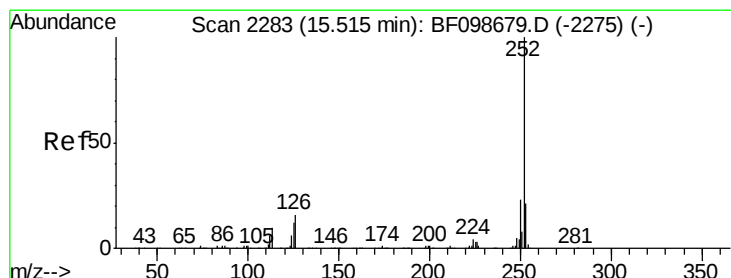
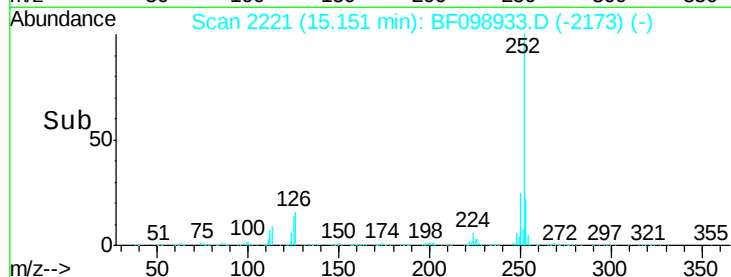
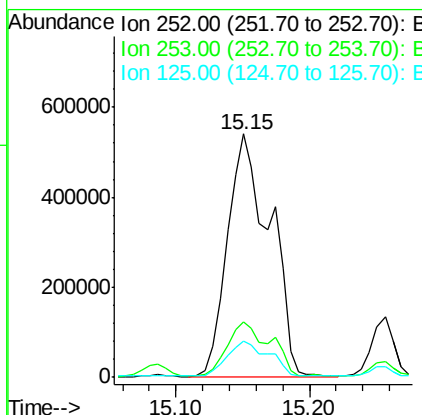
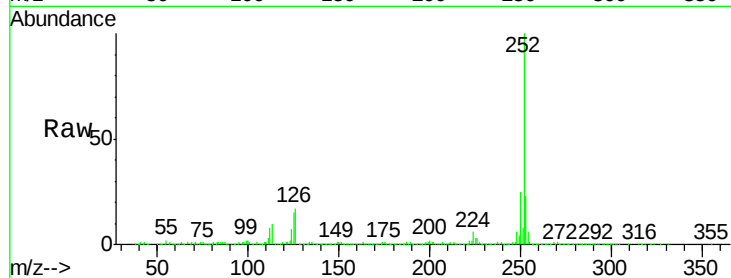




#88
Benzo(k)fluoranthene
Concen: 117.28 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

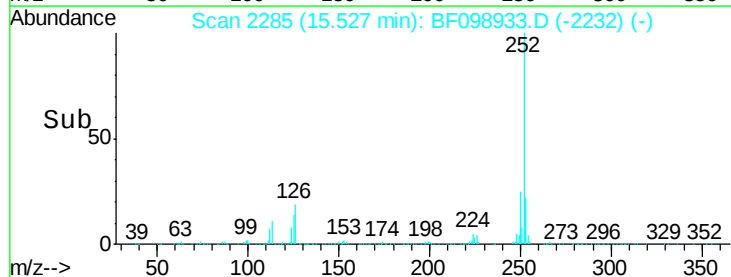
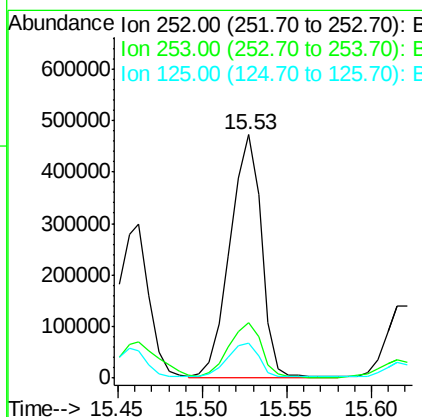
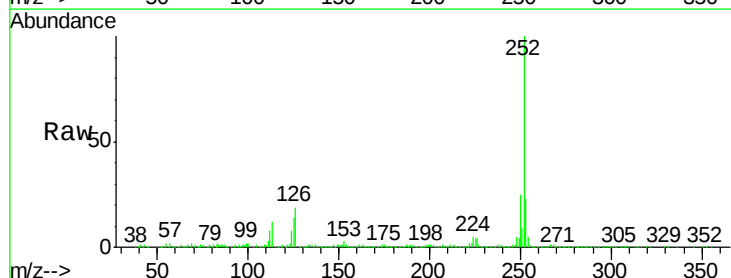
Instrument :
BNA_F
ClientSampleId :

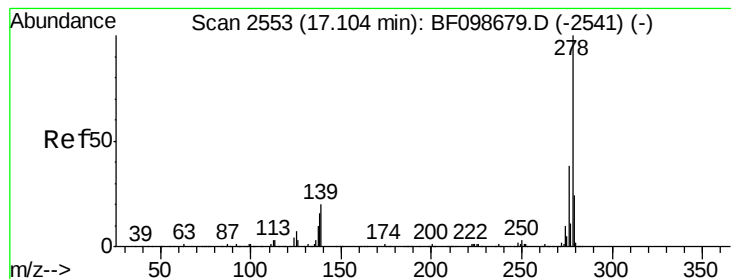
Tot Ion:252 Resp: 1204202
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 14.8 10.2 15.2



#89
Benzo(a)pyrene
Concen: 63.60 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:252 Resp: 606862
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 14.5 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 10.06 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.01 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

Instrument :

BNA_F

ClientSampleId :

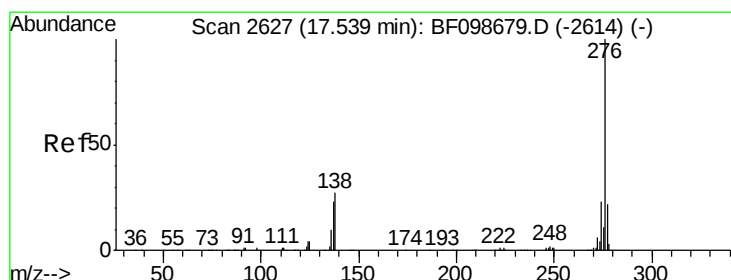
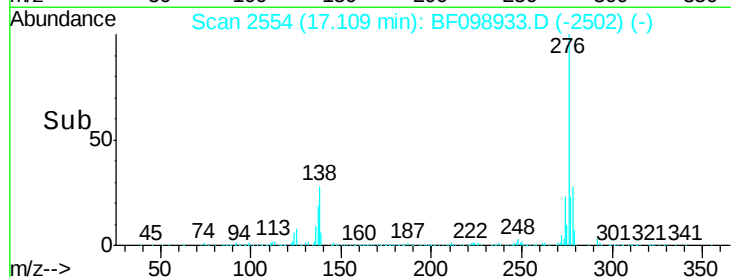
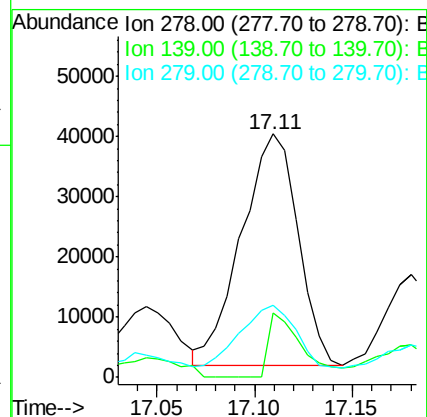
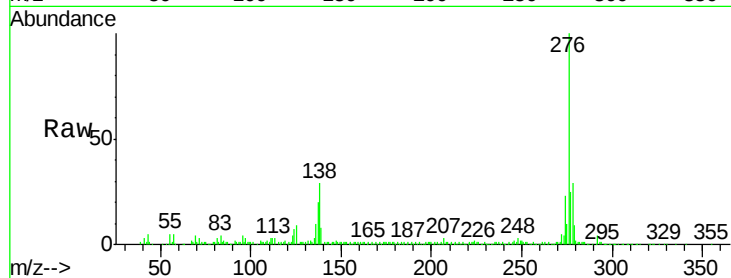
Tot Ion:278 Resp: 76839

Ion Ratio Lower Upper

278 100

139 26.7 15.9 23.9#

279 29.8 19.0 28.4#



#91

Benzo(g,h,i)perylene

Concen: 38.58 ng

RT: 17.57 min Scan# 2632

Delta R.T. 0.02 min

Lab File: BF098933.D

Acq: 29 Sep 2017 3:36

Tgt Ion:276 Resp: 291236

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 29.6 21.8 32.8

