

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091567.D
 Acq On : 13 Dec 2016 21:20
 Operator : UM/SJ
 Sample : H5994-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46(6-8)-12-8-16

Quant Time: Dec 14 00:24:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	291800	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1226031	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	594419	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	931855	20.00	ng	0.00
75) Chrysene-d12	13.96	240	573954	20.00	ng	0.00
86) Perylene-d12	15.38	264	602724	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2347128	135.51	ng	0.01
7) Phenol-d6	6.46	99	3308624	153.23	ng	0.01
23) Nitrobenzene-d5	7.38	82	1906855	86.81	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	636333	128.89	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2476848	72.00	ng	-0.01
78) Terphenyl-d14	12.92	244	1808535	71.50	ng	0.00

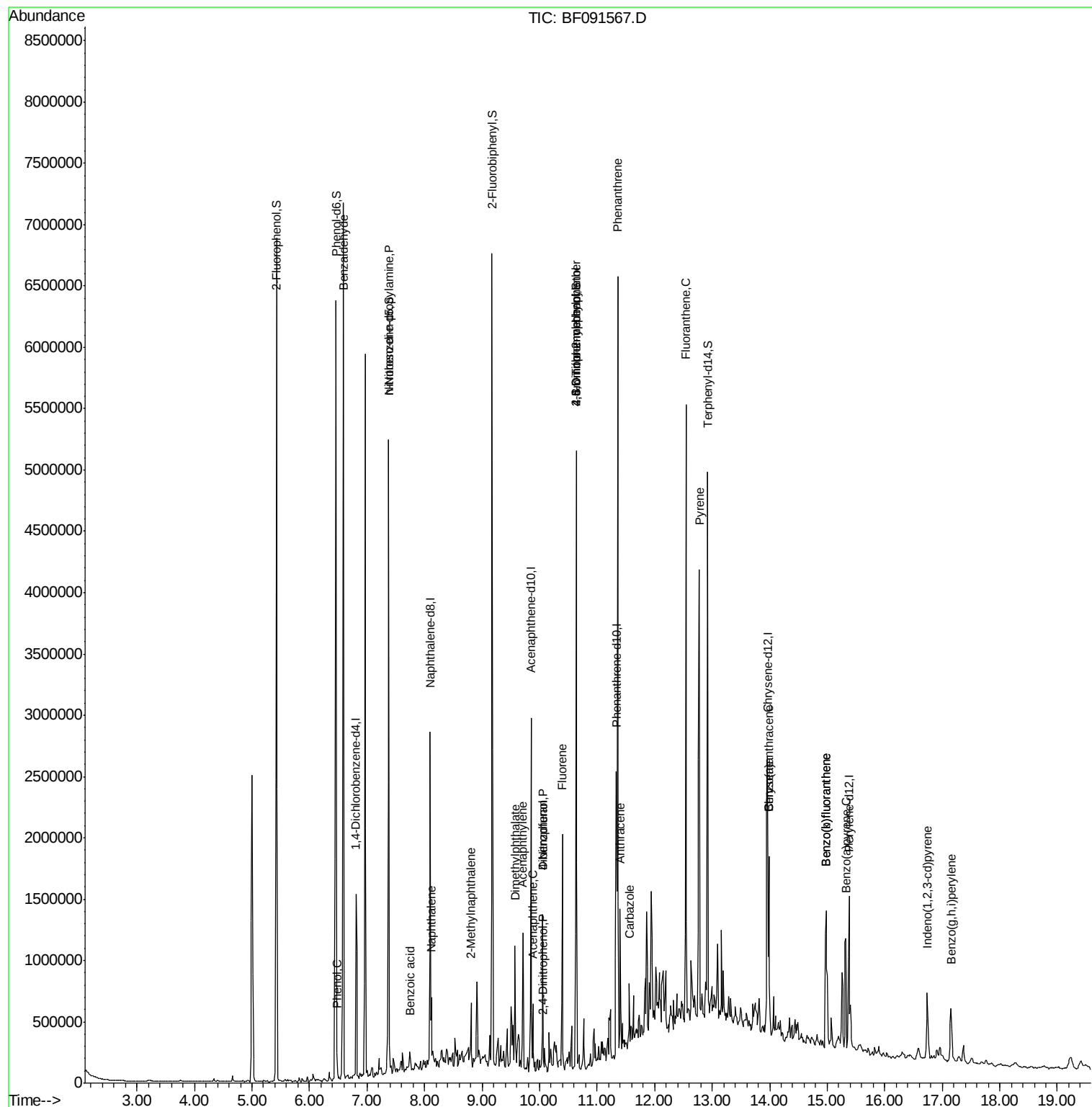
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	66784	4.49	ng	91
10) Phenol	6.48	94	110356	4.37	ng	# 67
19) n-Nitroso-di-n-propylamine	7.38	70	278891	20.66	ng	# 64
20) 3+4-Methylphenols	7.23	107	8229	Below	Cal	88
31) Naphthalene	8.12	128	251435	4.41	ng	99
32) Benzoic acid	7.76	122	4974	5.24	ng	93
37) 2-Methylnaphthalene	8.81	142	141027	3.82	ng	97
48) Acenaphthylene	9.71	152	377179	7.42	ng	98
49) Dimethylphthalate	9.57	163	455321	12.10	ng	100
51) Acenaphthene	9.88	154	106669	3.02	ng	100
53) 2,4-Dinitrophenol	10.06	184	247	2.06	ng	# 1
54) Dibenzofuran	10.05	168	416736	9.54	ng	93
55) 4-Nitrophenol	10.05	139	157762	21.85	ng	# 1
57) Fluorene	10.40	166	520379	13.15	ng	98
64) 4,6-Dinitro-2-methylphenol	10.64	198	1371	3.17	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	38502	4.03	ng	# 1
70) Phenanthrene	11.36	178	2464325	53.40	ng	98
71) Anthracene	11.40	178	491230	9.87	ng	98
72) Carbazole	11.56	167	207814	4.76	ng	97
74) Fluoranthene	12.55	202	1915659	39.65	ng	95
77) Pyrene	12.77	202	1788225	39.27	ng	99
80) Benzo(a)anthracene	13.99	228	500189	15.01	ng	95
82) Chrysene	13.99	228	500189	14.34	ng	96
85) Indeno(1,2,3-cd)pyrene	16.74	276	356680	11.37	ng	96
87) Benzo(b)fluoranthene	14.98	252	945479	26.31	ng	99
88) Benzo(k)fluoranthene	14.98	252	945479	29.93	ng	99
89) Benzo(a)pyrene	15.32	252	543610	16.79	ng	# 96
91) Benzo(g,h,i)perylene	17.15	276	343072	11.63	ng	97

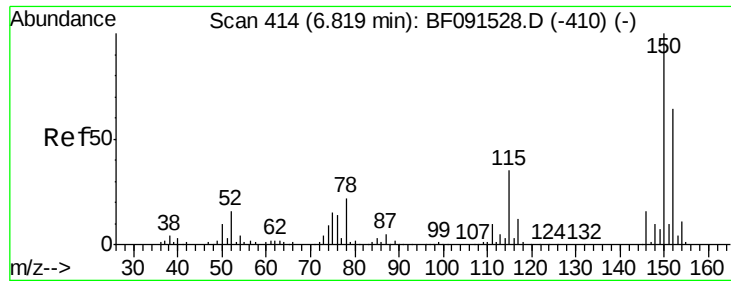
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

SB-46(6-8)-12-8-16

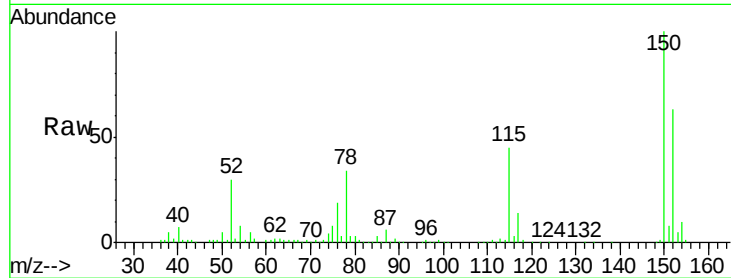
Tgt Ion:152 Resp: 291800

Ion Ratio Lower Upper

152 100

150 159.4 122.5 183.7

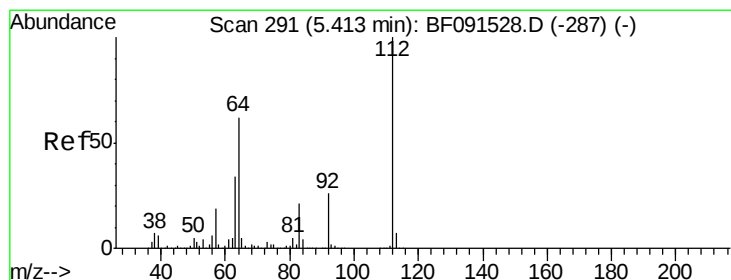
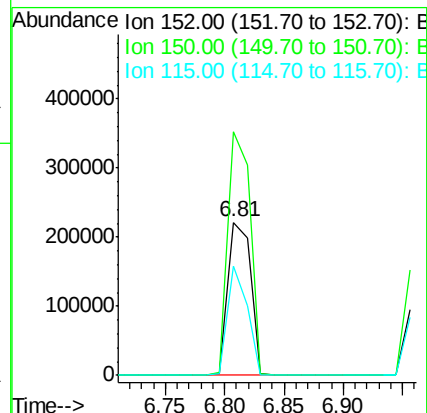
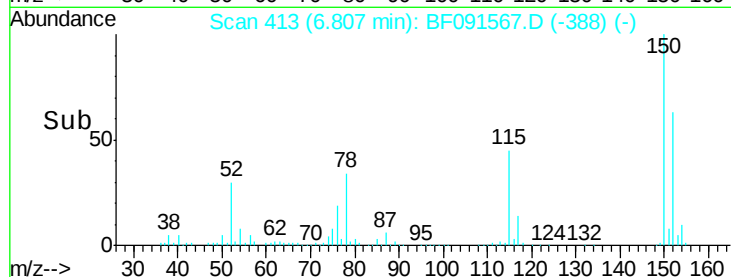
115 71.5 51.8 77.8



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: 135.51 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

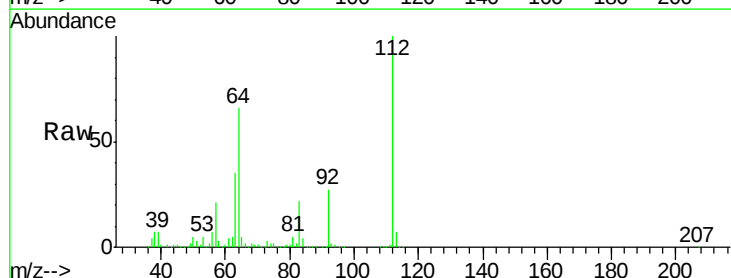
Tgt Ion:112 Resp: 2347128

Ion Ratio Lower Upper

112 100

64 66.4 61.5 92.3

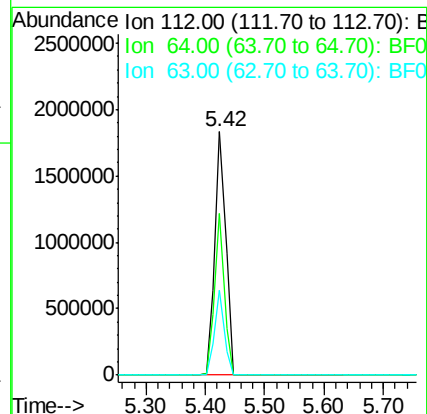
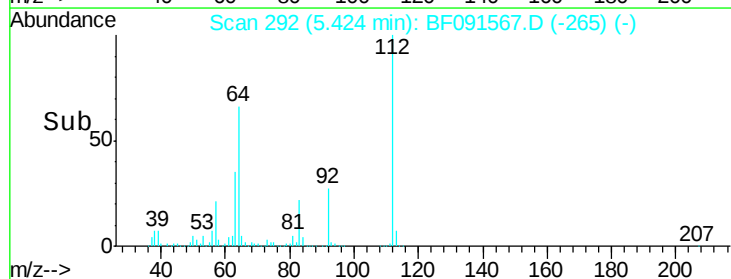
63 34.6 33.3 49.9



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: 153.23 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

SB-46(6-8)-12-8-16

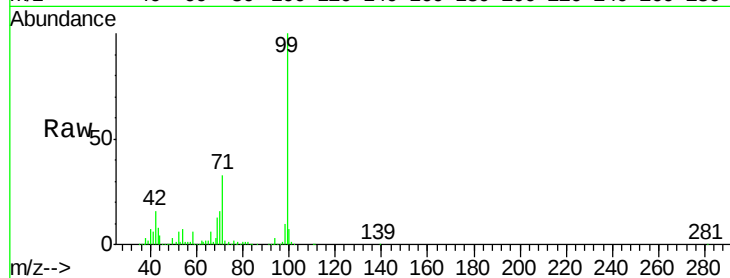
Tgt Ion: 99 Resp: 3308624

Ion Ratio Lower Upper

99 100

42 16.0 20.6 31.0#

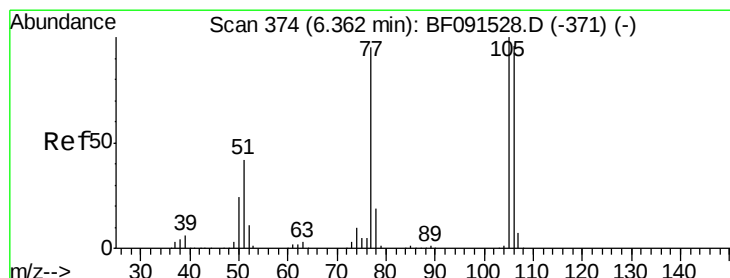
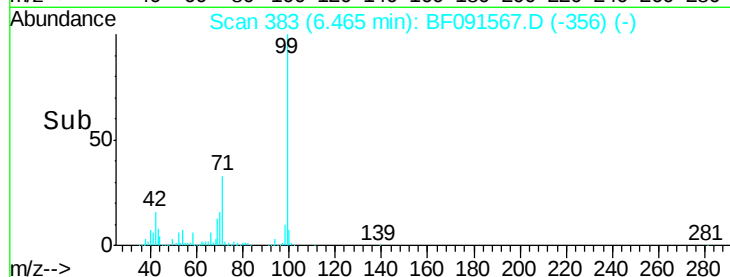
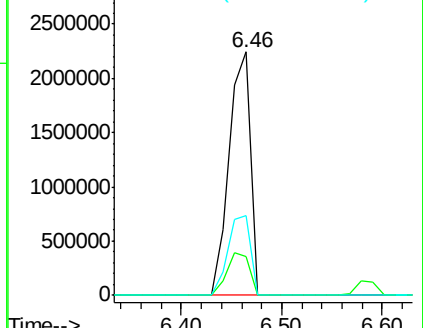
71 32.7 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 4.49 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.23 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

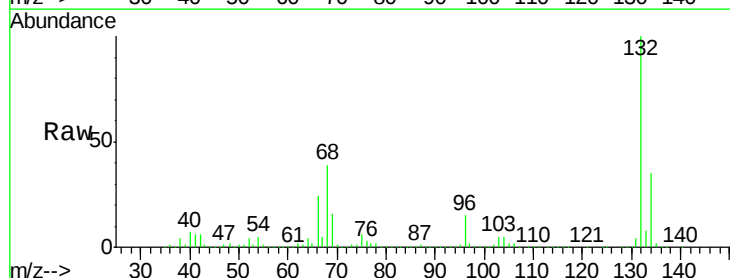
Tgt Ion: 77 Resp: 66784

Ion Ratio Lower Upper

77 100

105 78.6 66.4 106.4

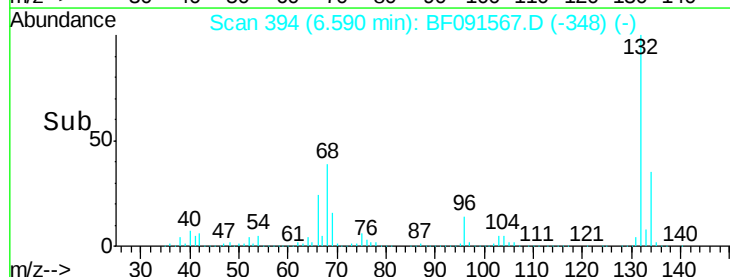
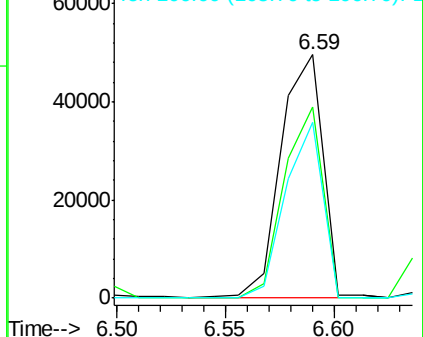
106 72.2 60.9 100.9

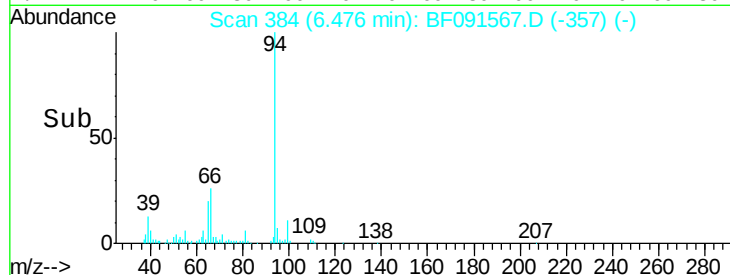
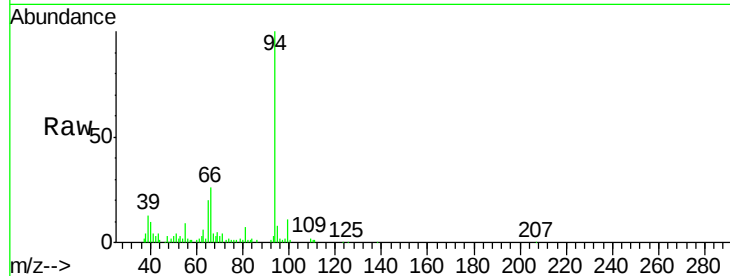
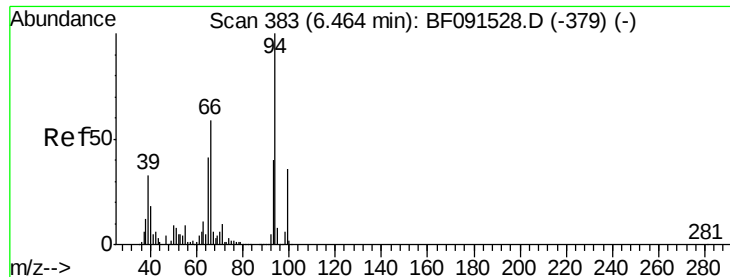


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 4.37 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

SB-46(6-8)-12-8-16

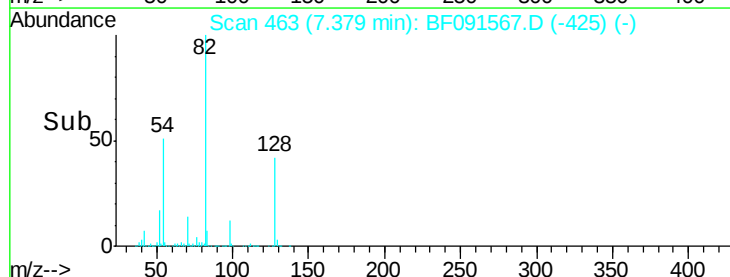
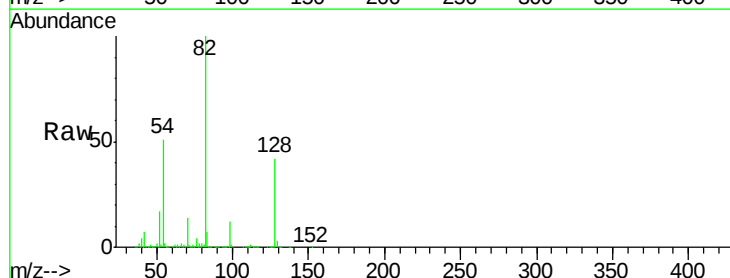
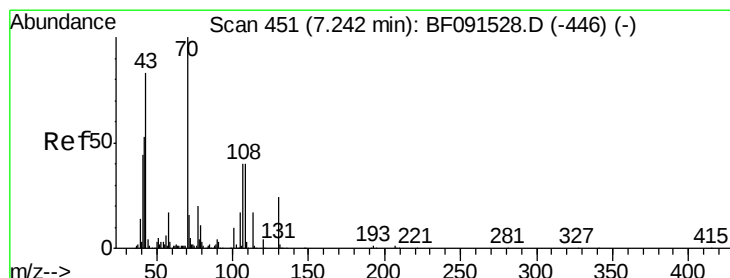
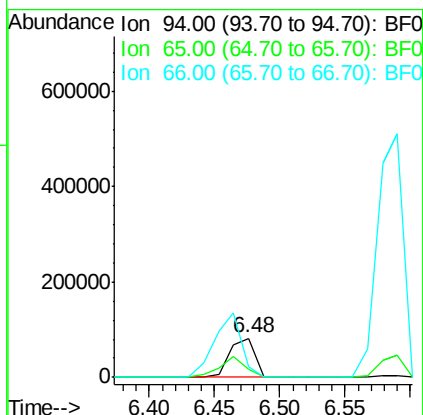
Tgt Ion: 94 Resp: 110356

Ion Ratio Lower Upper

94 100

65 19.5 16.9 56.9

66 26.3 30.6 70.6#



#19

n-Nitroso-di-n-propylamine

Concen: 20.66 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

Tgt Ion: 70 Resp: 278891

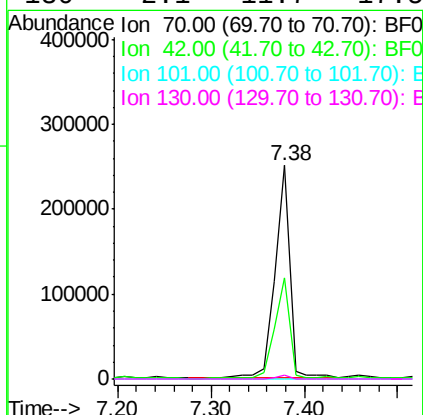
Ion Ratio Lower Upper

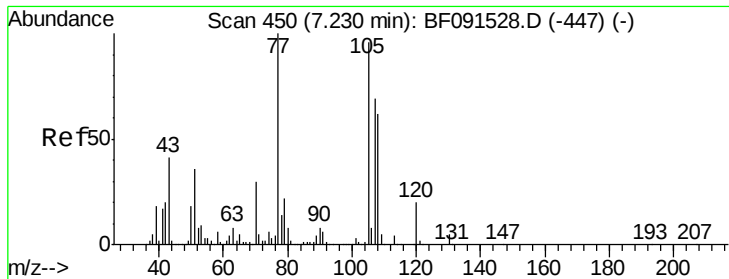
70 100

42 47.5 64.8 97.2#

101 0.0 6.2 9.4#

130 2.1 11.7 17.5#

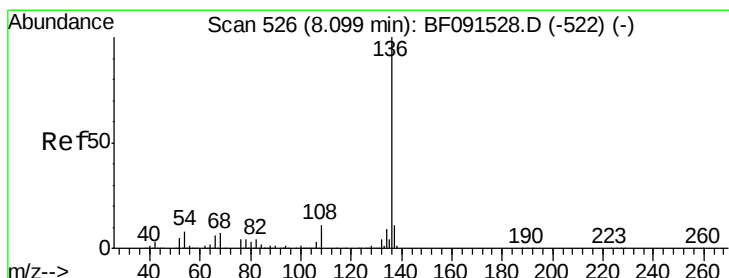
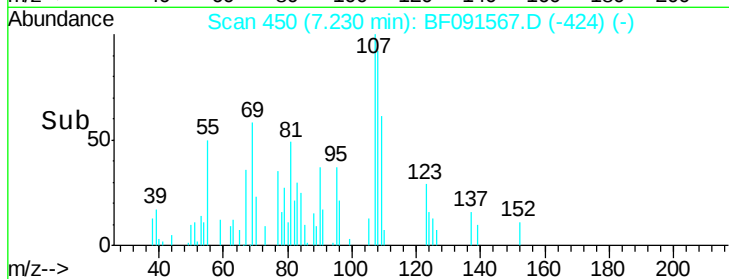
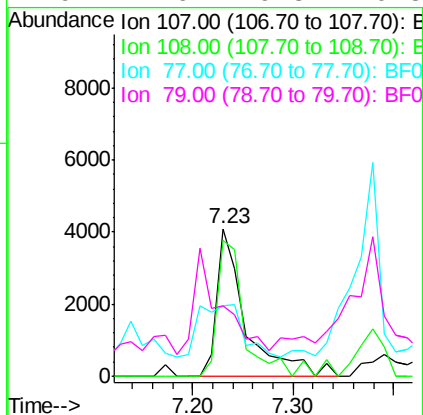
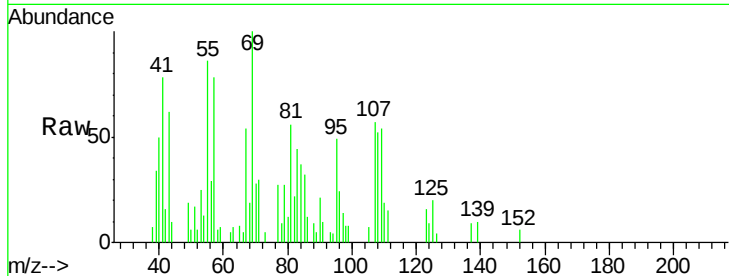




#20
 3+4-Methylphenols
 Concen: Below Cal
 RT: 7.23 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF091567.D
 Acq: 13 Dec 2016 21:20

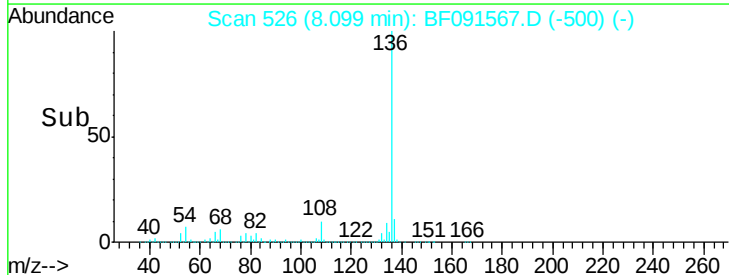
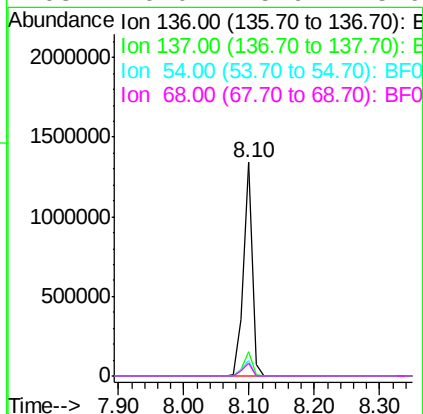
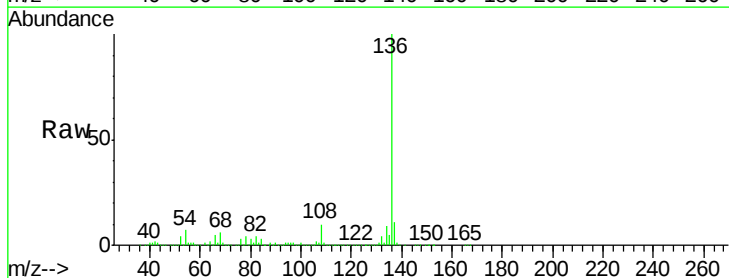
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 SB-46(6-8)-12-8-16

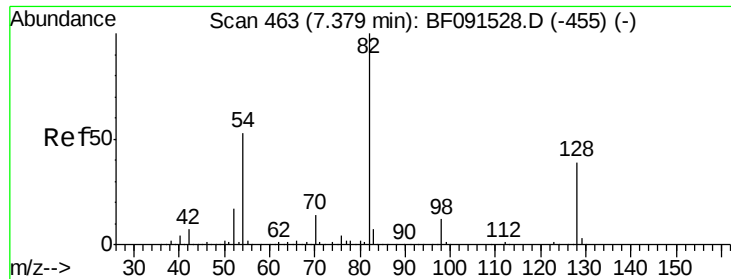
Tgt Ion:	107	Resp:	8229
Ion	Ratio	Lower	Upper
107	100		
108	91.9	64.6	104.6
77	47.5	30.9	70.9
79	47.6	9.3	49.3



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF091567.D
 Acq: 13 Dec 2016 21:20

Tgt Ion:	136	Resp:	1226031
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.4	9.1	13.7#
68	6.0	5.9	8.9

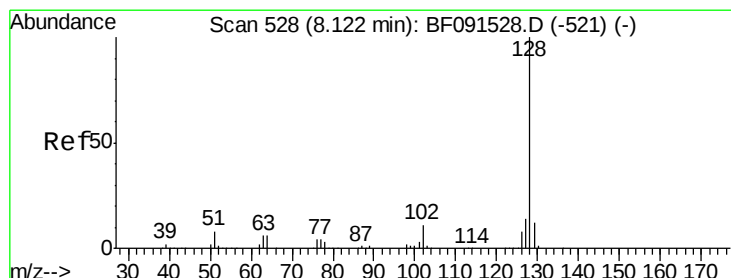
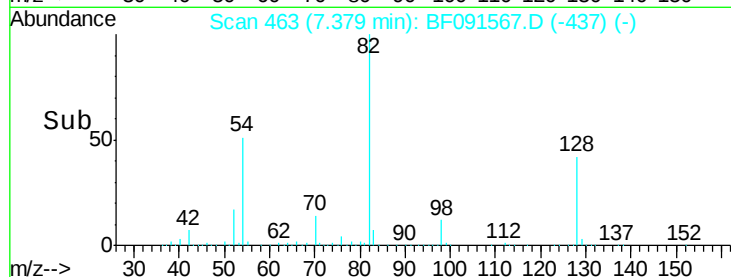
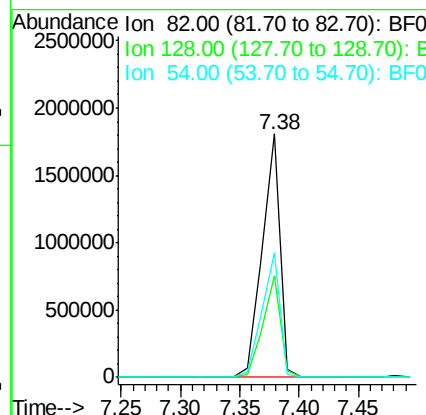
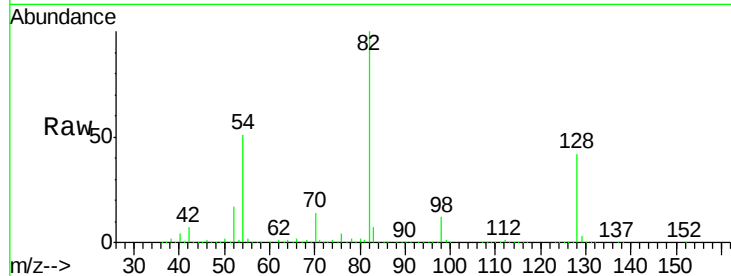




#23
 Nitrobenzene-d5
 Concen: 86.81 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF091567.D
 Acq: 13 Dec 2016 21:20

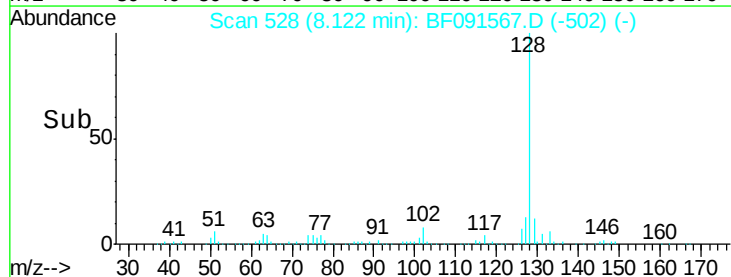
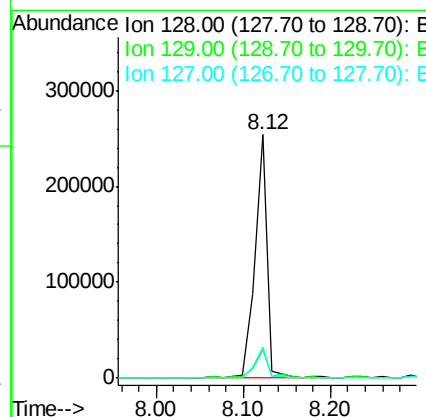
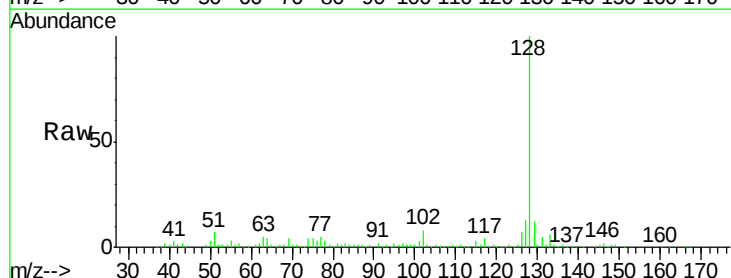
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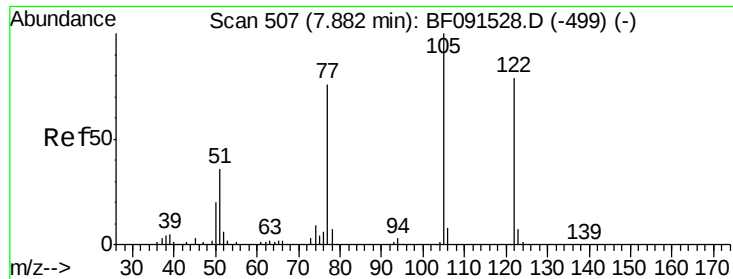
Tgt Ion: 82 Resp: 1906855
 Ion Ratio Lower Upper
 82 100
 128 41.8 31.8 47.6
 54 51.1 49.1 73.7



#31
 Naphthalene
 Concen: 4.41 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF091567.D
 Acq: 13 Dec 2016 21:20

Tgt Ion: 128 Resp: 251435
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.1 13.7
 127 12.9 11.0 16.4

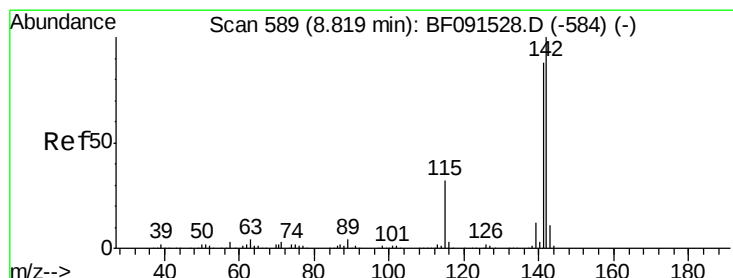
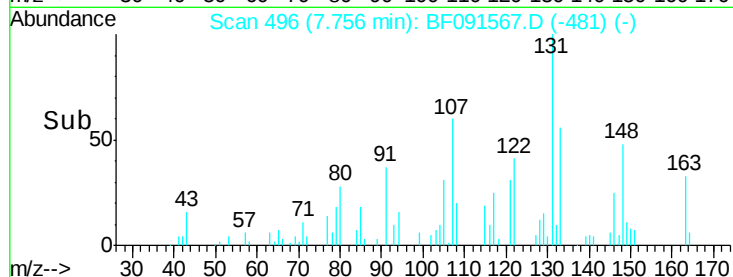
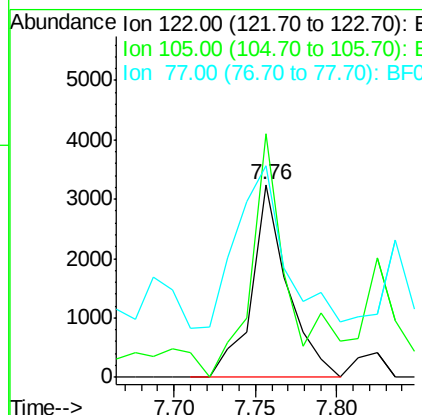
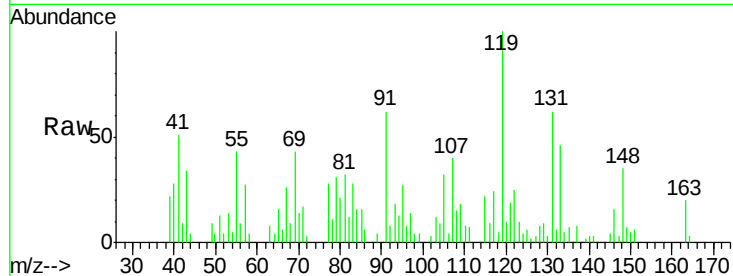




#32
Benzoic acid
Concen: 5.24 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.12 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

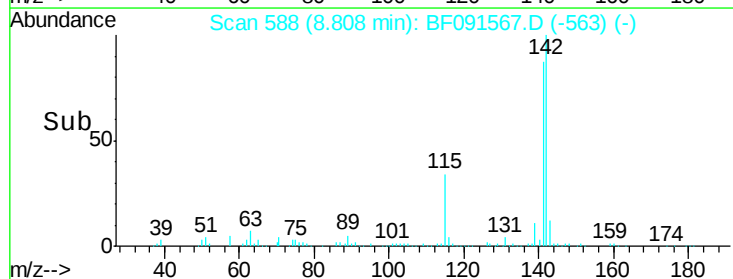
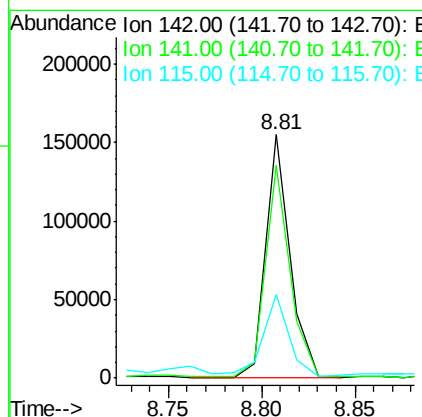
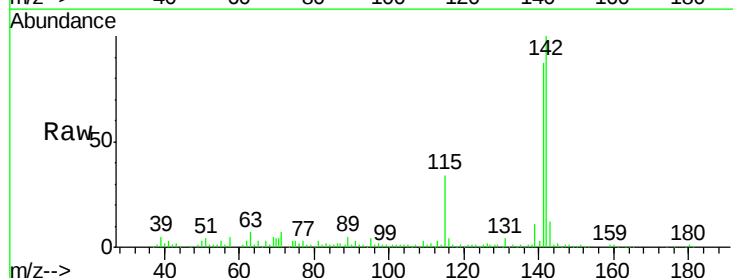
Instrument :
BNA_F
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SB-46(6-8)-12-8-16

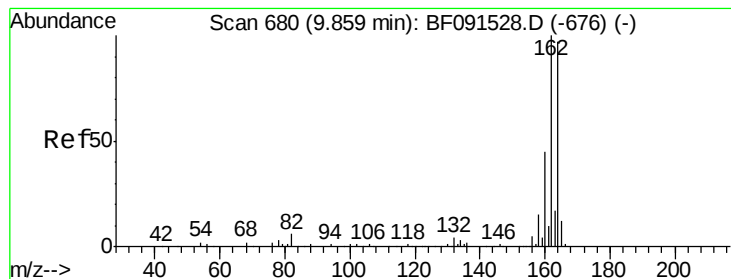
Tgt Ion:122 Resp: 4974
Ion Ratio Lower Upper
122 100
105 126.2 113.0 153.0
77 109.7 82.0 122.0



#37
2-Methylnaphthalene
Concen: 3.82 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

Tgt Ion:142 Resp: 141027
Ion Ratio Lower Upper
142 100
141 87.4 71.7 107.5
115 34.1 25.0 37.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

SB-46(6-8)-12-8-16

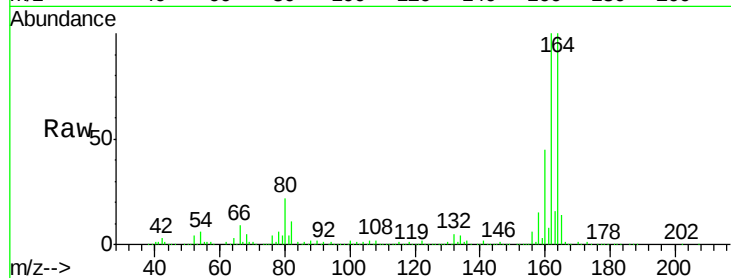
Tgt Ion:164 Resp: 594419

Ion Ratio Lower Upper

164 100

162 100.0 82.6 124.0

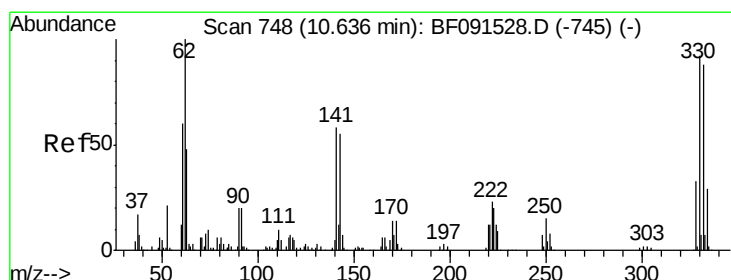
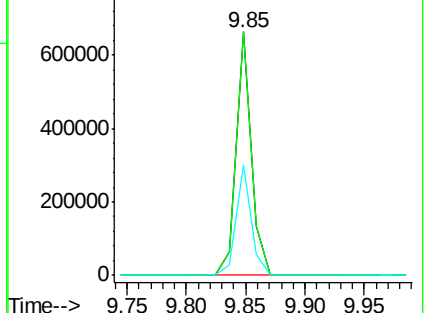
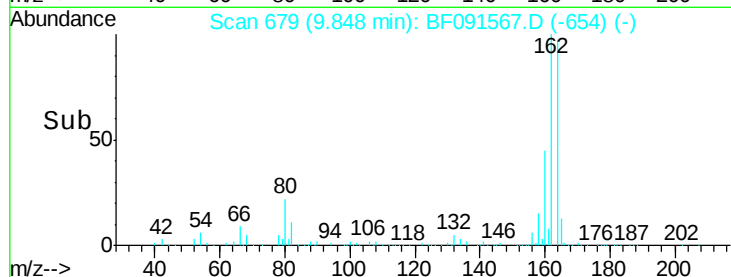
160 45.4 36.7 55.1



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: 128.89 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

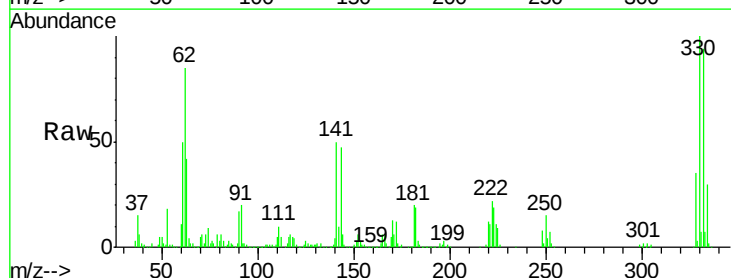
Tgt Ion:330 Resp: 636333

Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

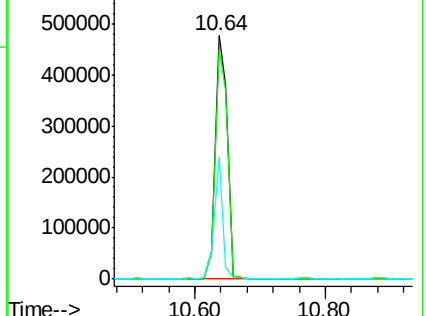
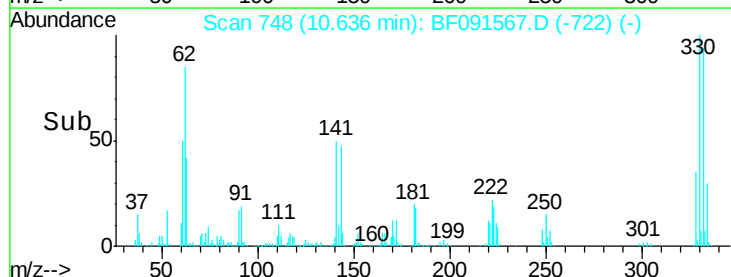
141 35.0 33.6 50.4

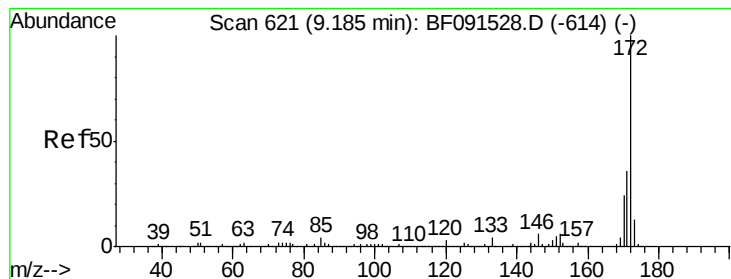


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

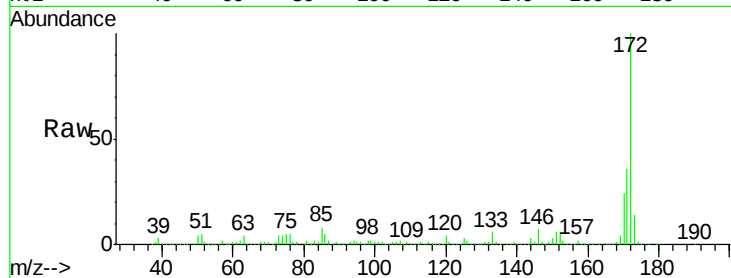




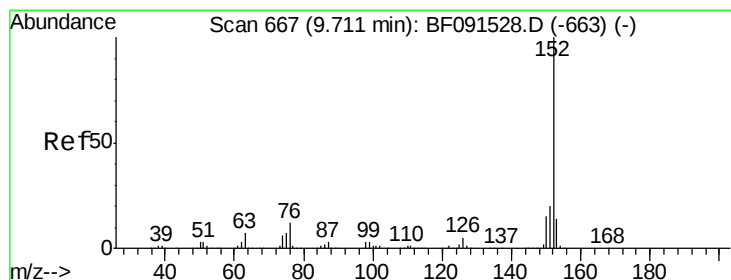
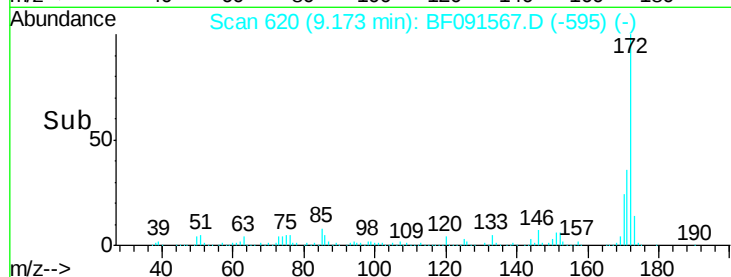
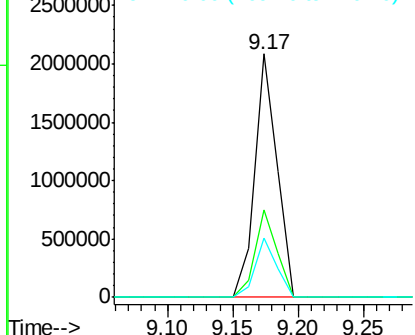
#44
2-Fluorobiphenyl
Concen: 72.00 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

Instrument :
BNA_F
ClientSampleId :
SB-46(6-8)-12-8-16

Tgt Ion:172 Resp: 2476848
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.3 19.7 29.5

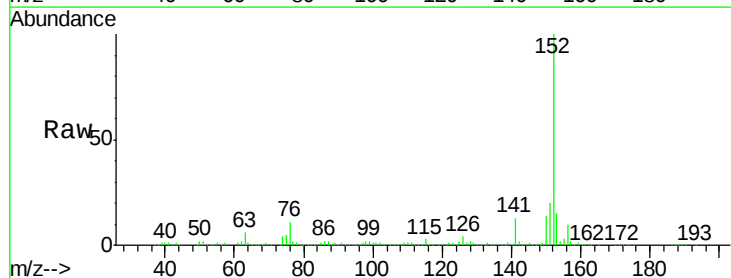


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

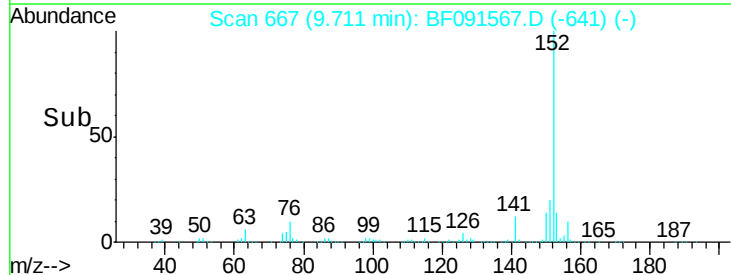
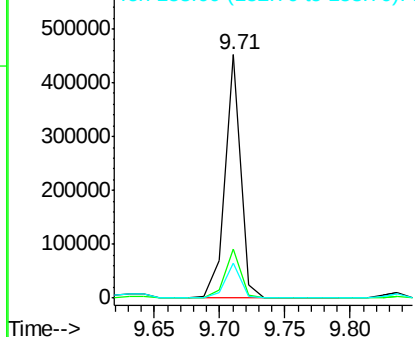


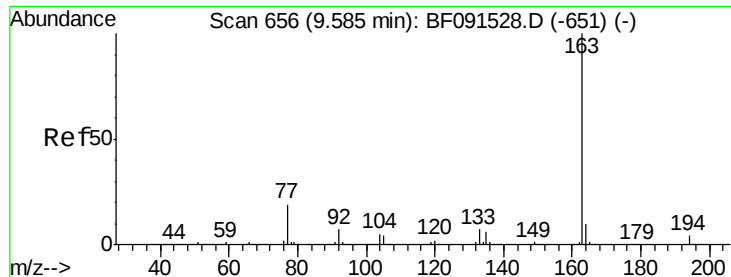
#48
Acenaphthylene
Concen: 7.42 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

Tgt Ion:152 Resp: 377179
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 14.6 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

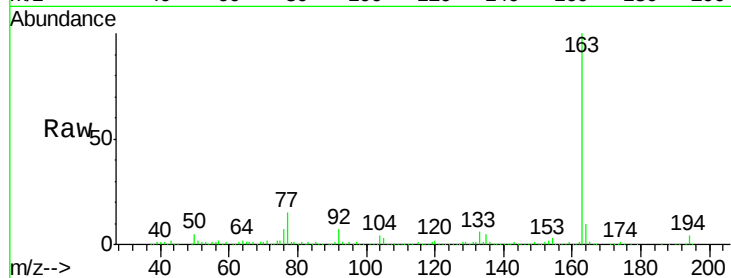




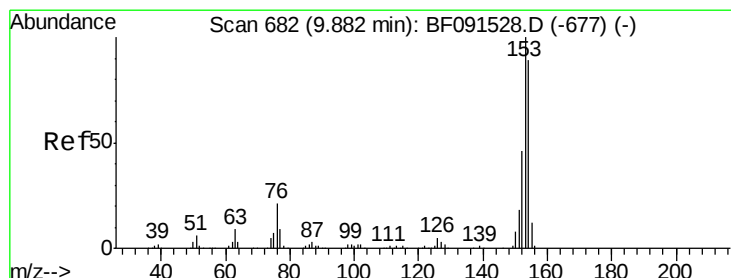
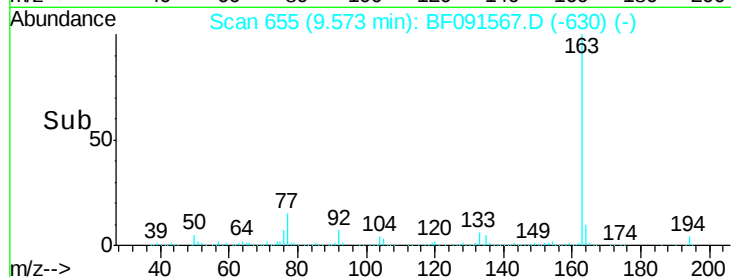
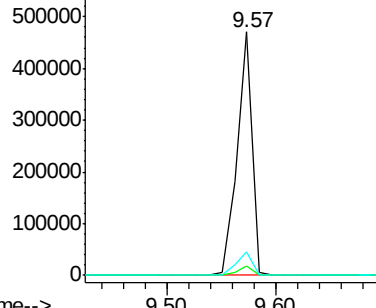
#49
Dimethylphthalate
Concen: 12.10 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

Instrument :
BNA_F
ClientSampleId :
SB-46(6-8)-12-8-16

Tgt Ion:163 Resp: 455321
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.6 7.8 11.8

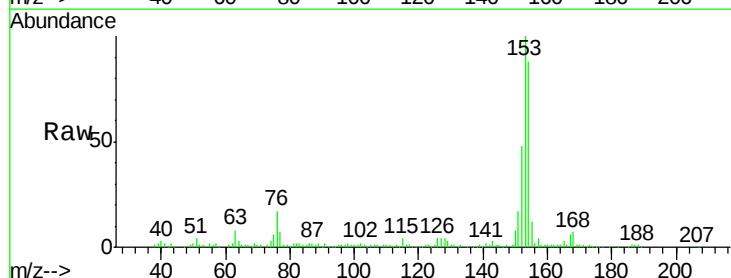


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

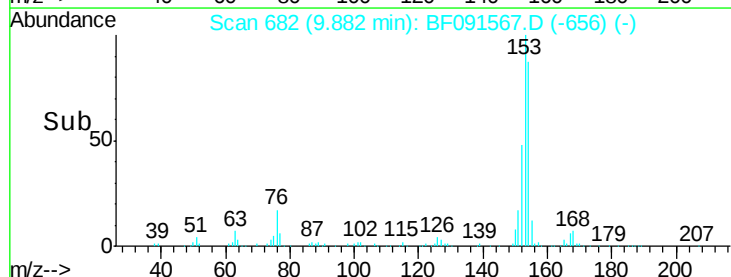
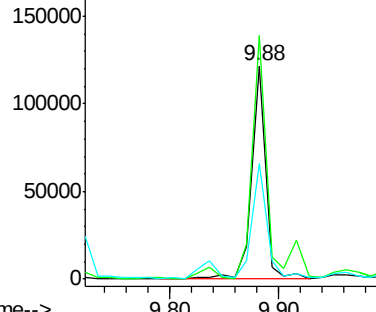


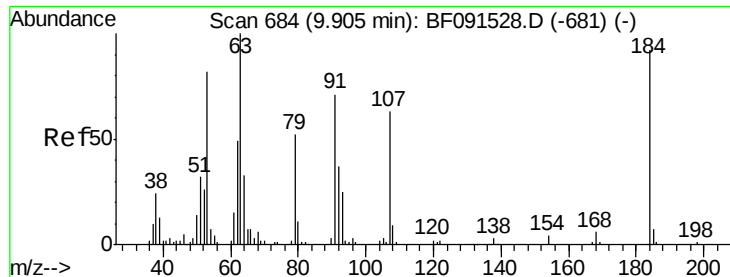
#51
Acenaphthene
Concen: 3.02 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

Tgt Ion:154 Resp: 106669
Ion Ratio Lower Upper
154 100
153 114.0 91.0 136.6
152 54.4 44.2 66.2



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

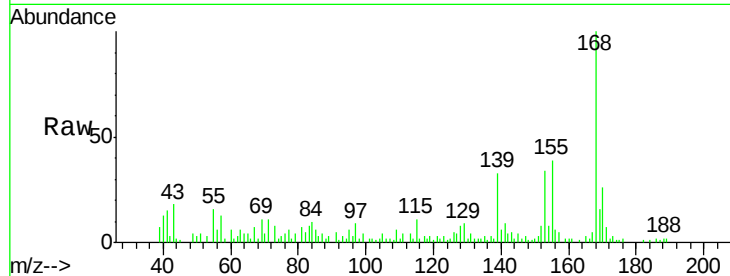




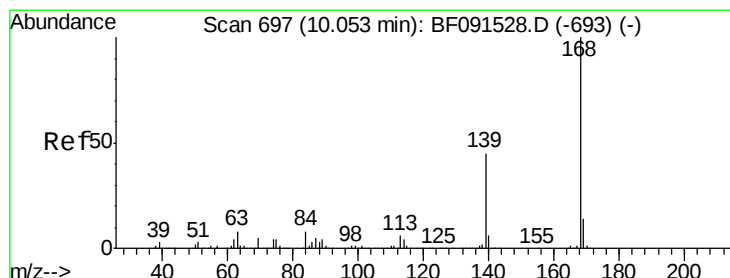
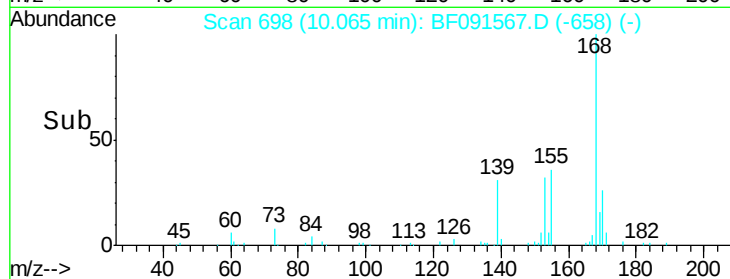
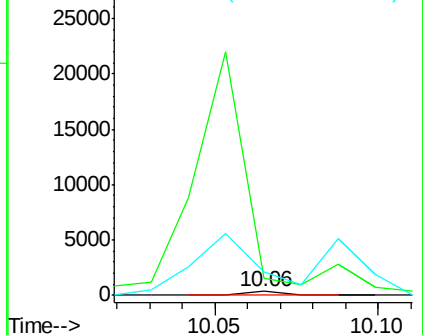
#53
2,4-Dinitrophenol
Concen: 2.06 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.16 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

Instrument :
BNA_F
ClientSampleId :
SB-46(6-8)-12-8-16

Tgt Ion:184 Resp: 247
Ion Ratio Lower Upper
184 100
63 422.5 58.3 87.5#
154 601.7 48.6 73.0#

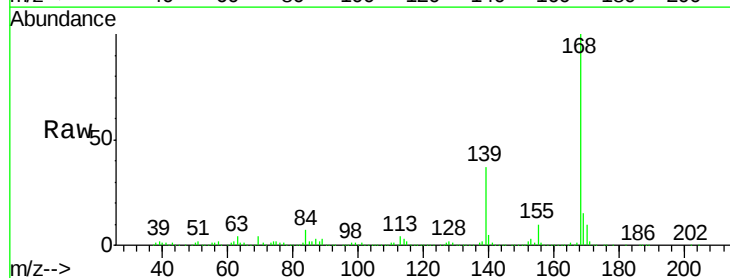


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

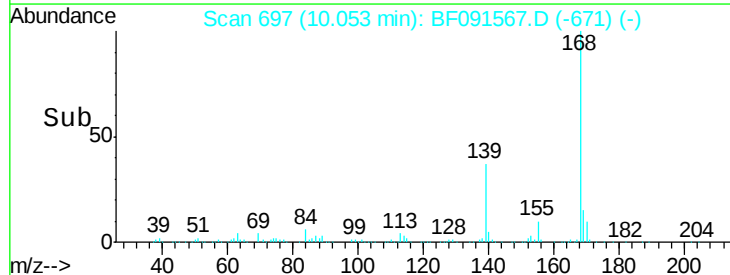
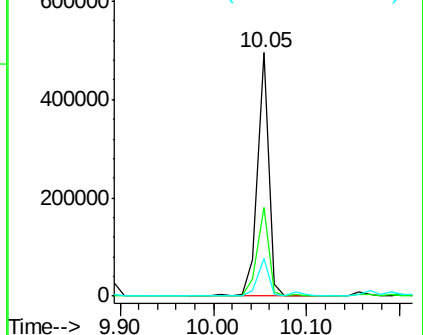


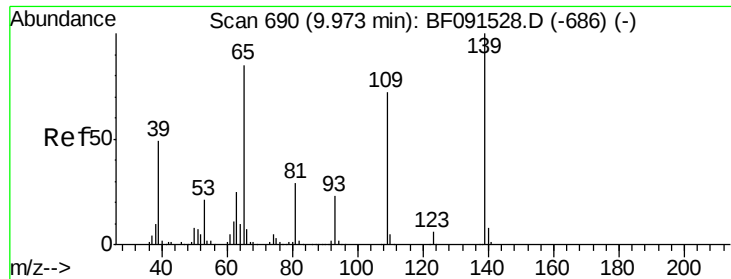
#54
Dibenzofuran
Concen: 9.54 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

Tgt Ion:168 Resp: 416736
Ion Ratio Lower Upper
168 100
139 36.7 33.4 50.2
169 15.4 11.1 16.7



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

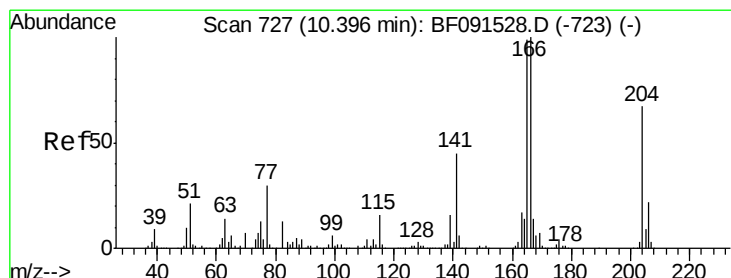
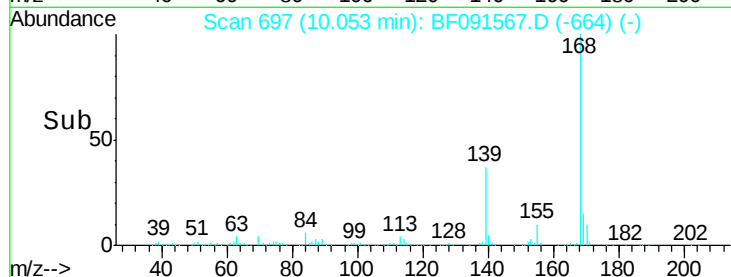
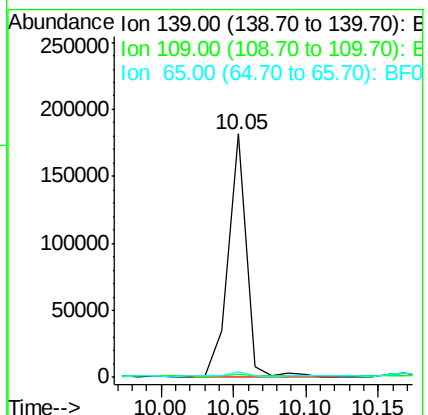
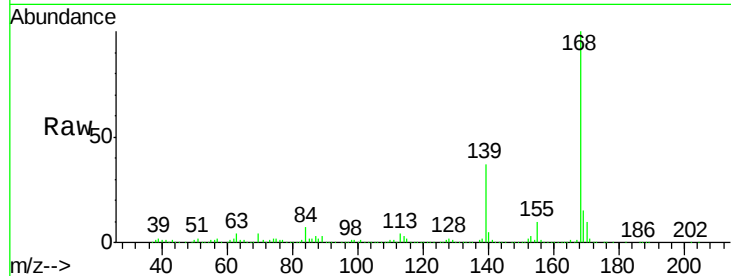




#55
4-Nitrophenol
Concen: 21.85 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.08 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

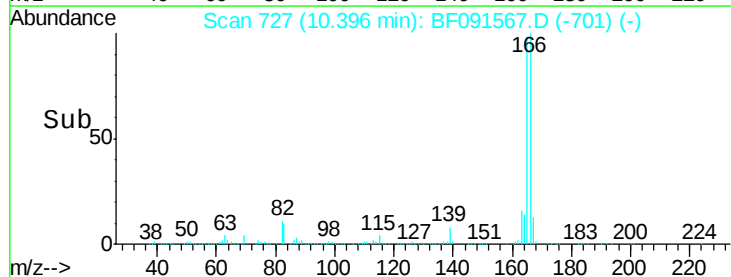
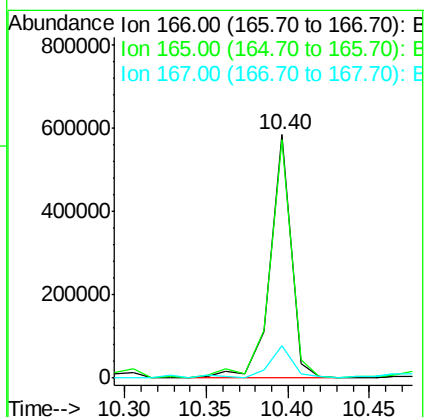
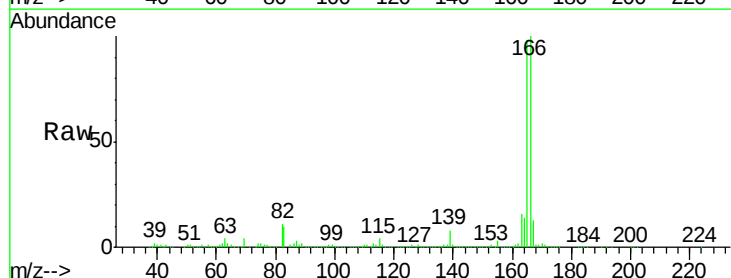
Instrument :
BNA_F
ClientSampleId :
SB-46(6-8)-12-8-16

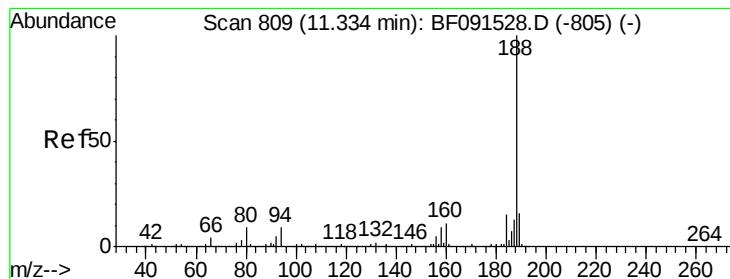
Tgt Ion:139 Resp: 157762
Ion Ratio Lower Upper
139 100
109 1.2 54.9 94.9#
65 2.1 102.2 142.2#



#57
Fluorene
Concen: 13.15 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

Tgt Ion:166 Resp: 520379
Ion Ratio Lower Upper
166 100
165 97.7 80.0 120.0
167 13.3 10.8 16.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

SB-46(6-8)-12-8-16

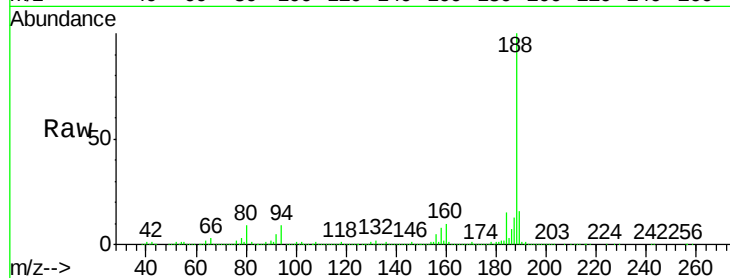
Tgt Ion:188 Resp: 931855

Ion Ratio Lower Upper

188 100

94 9.2 9.2 13.8#

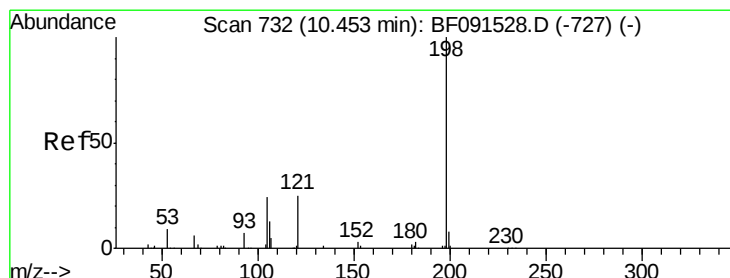
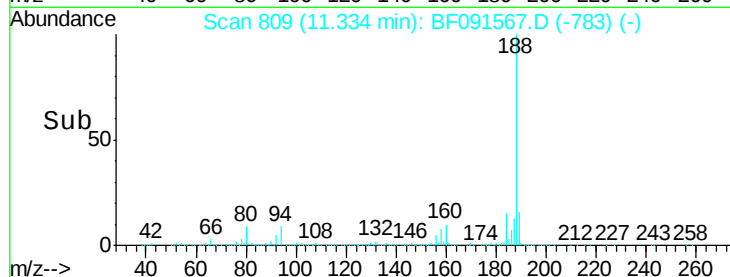
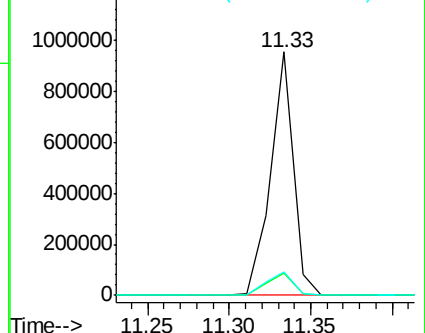
80 9.4 10.5 15.7#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 3.17 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.18 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

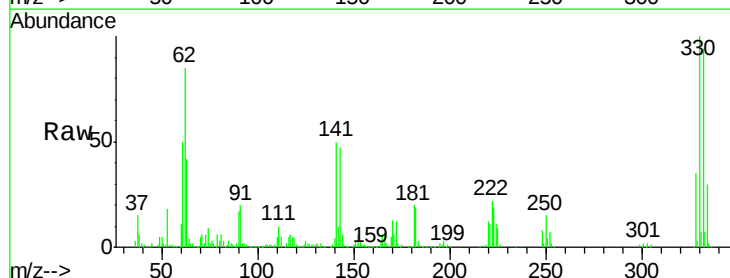
Tgt Ion:198 Resp: 1371

Ion Ratio Lower Upper

198 100

51 516.5 77.1 117.1#

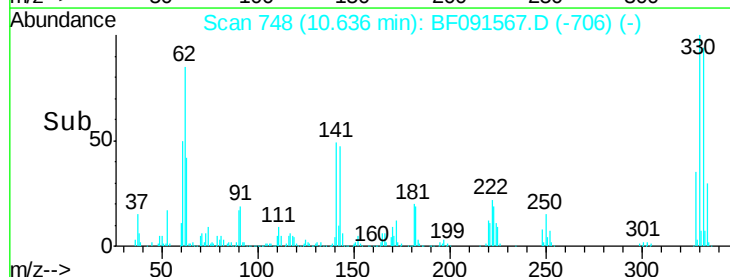
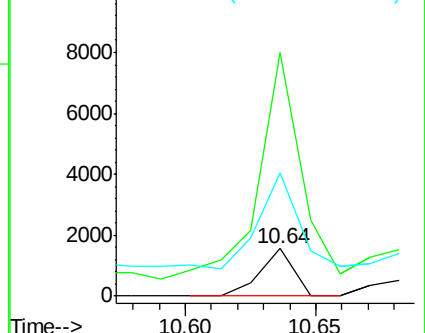
105 261.8 44.8 84.8#

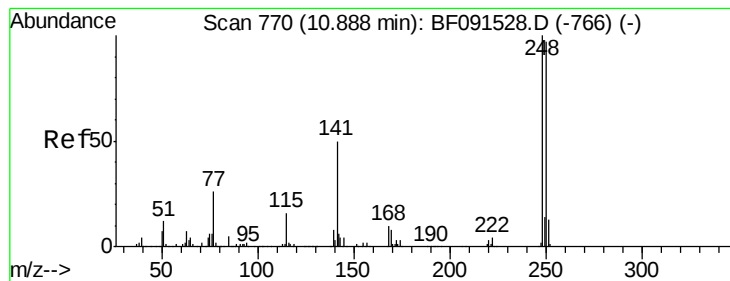


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.03 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.25 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

SB-46(6-8)-12-8-16

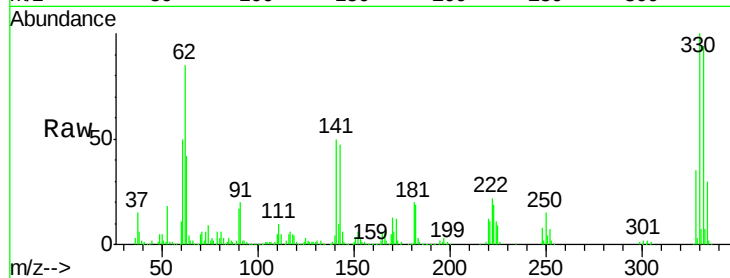
Tgt Ion:248 Resp: 38502

Ion Ratio Lower Upper

248 100

250 190.9 78.2 117.4#

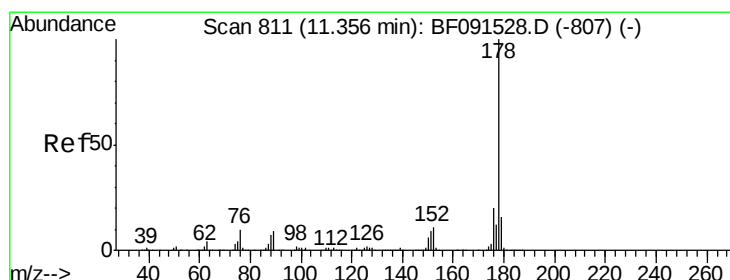
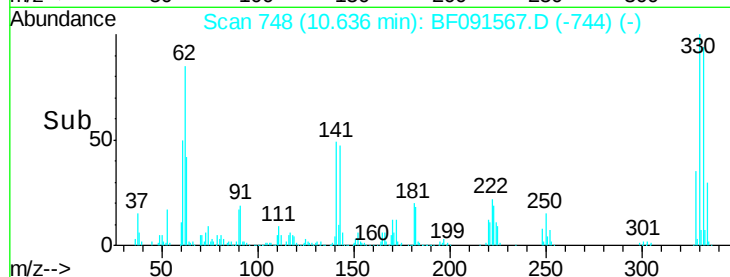
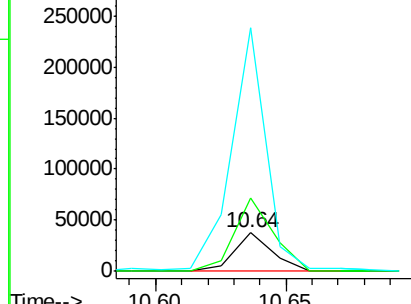
141 635.3 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#70

Phenanthrene

Concen: 53.40 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

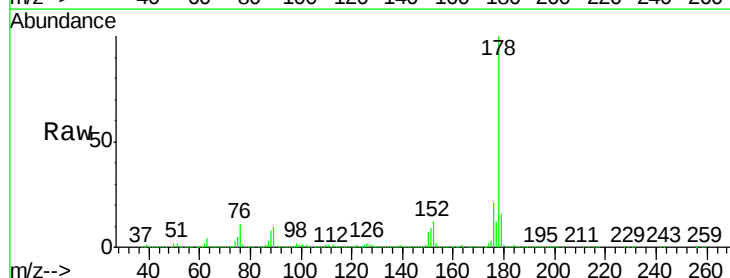
Tgt Ion:178 Resp: 2464325

Ion Ratio Lower Upper

178 100

176 21.1 15.9 23.9

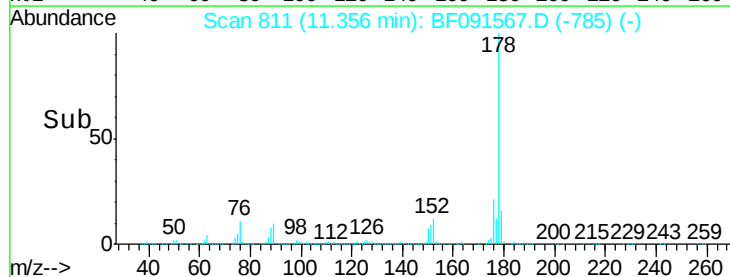
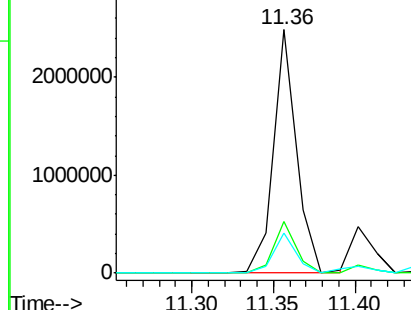
179 16.5 12.6 18.8

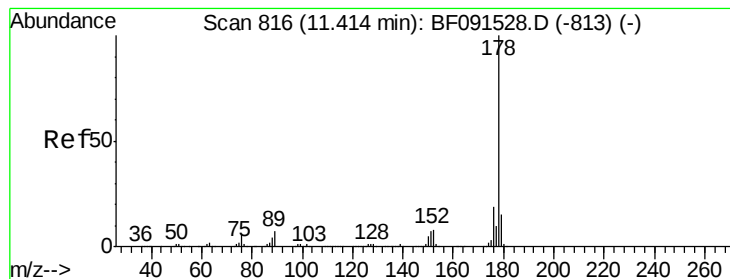


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 9.87 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

SB-46(6-8)-12-8-16

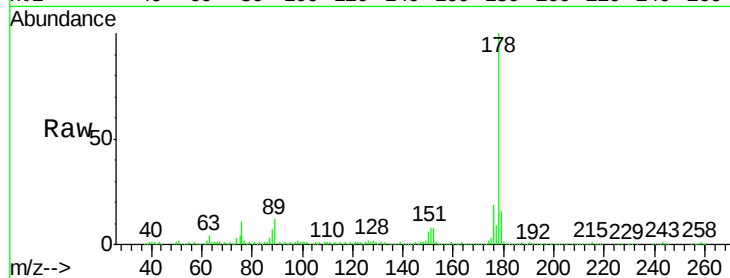
Tgt Ion:178 Resp: 491230

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.6

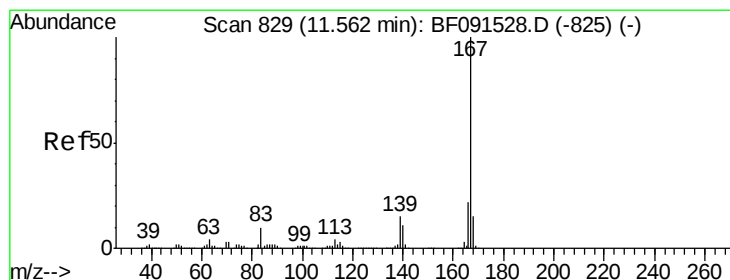
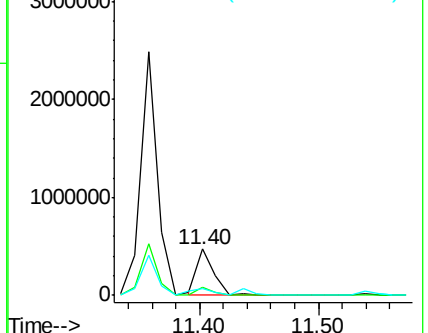
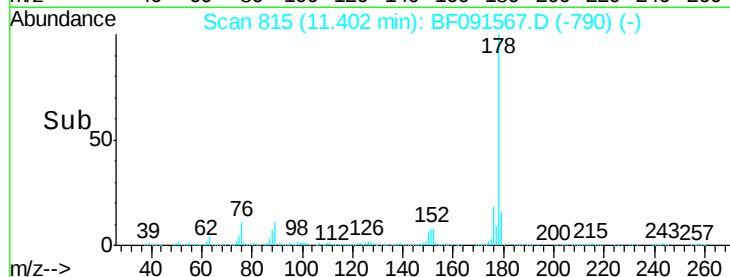
179 16.1 12.7 19.1



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: 4.76 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

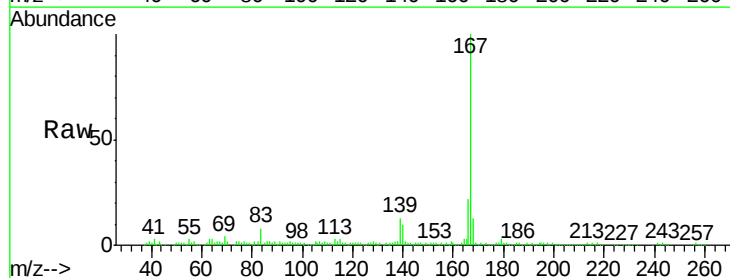
Tgt Ion:167 Resp: 207814

Ion Ratio Lower Upper

167 100

166 21.6 18.1 27.1

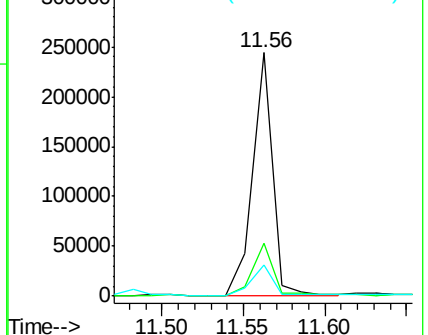
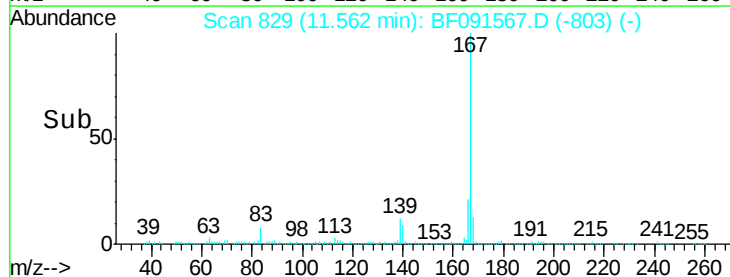
139 12.7 11.5 17.3

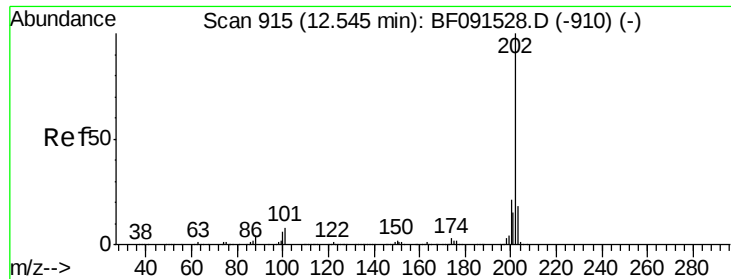


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

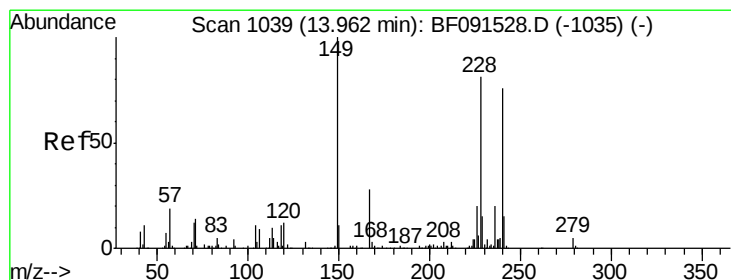
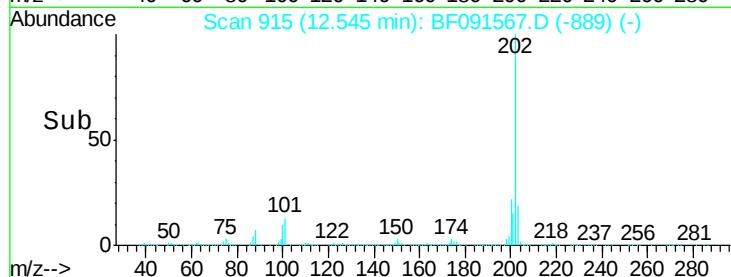
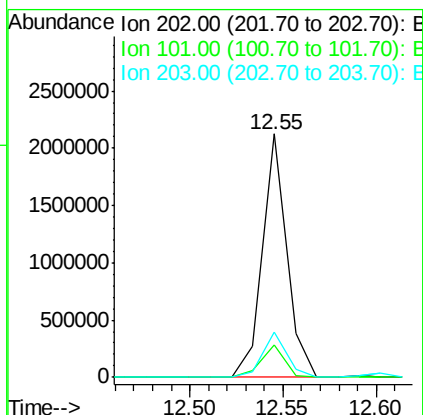
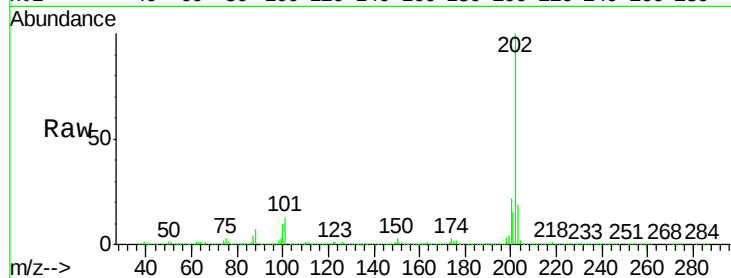




#74
 Fluoranthene
 Concen: 39.65 ng
 RT: 12.55 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF091567.D
 Acq: 13 Dec 2016 21:20

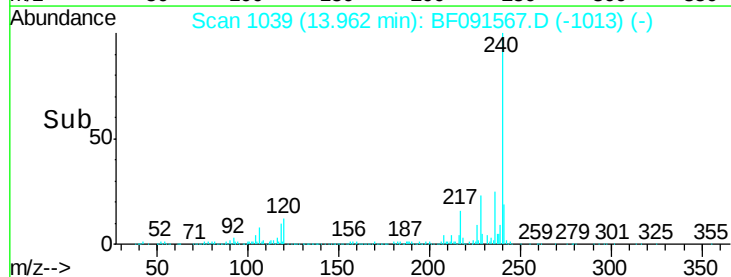
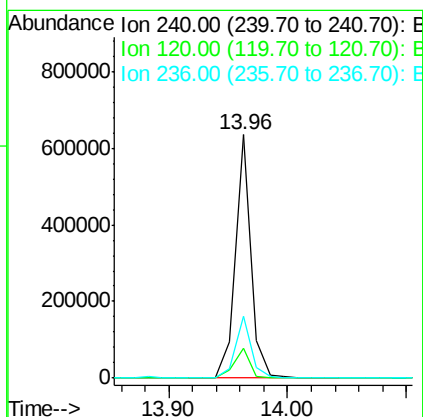
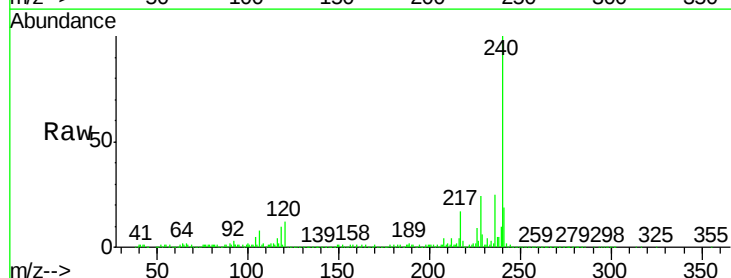
Instrument :
 BNA_F
 ClientSampleId :
 SB-46(6-8)-12-8-16

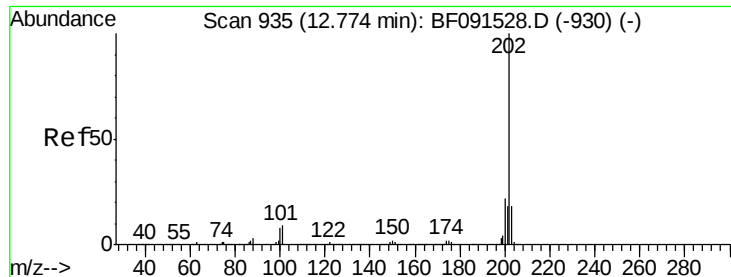
Tgt Ion:202 Resp: 1915659
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 29.5
 203 18.7 0.0 37.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091567.D
 Acq: 13 Dec 2016 21:20

Tgt Ion:240 Resp: 573954
 Ion Ratio Lower Upper
 240 100
 120 12.2 12.1 18.1
 236 25.4 21.0 31.6





#77

Pyrene

Concen: 39.27 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

SB-46(6-8)-12-8-16

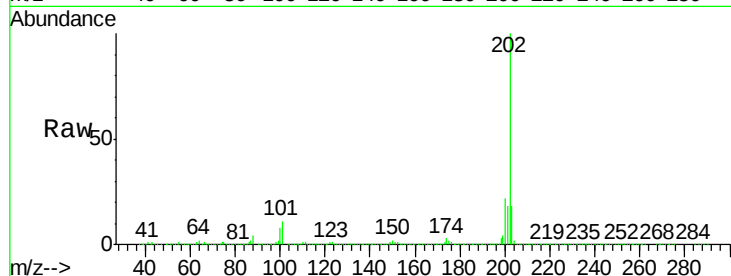
Tgt Ion:202 Resp: 1788225

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

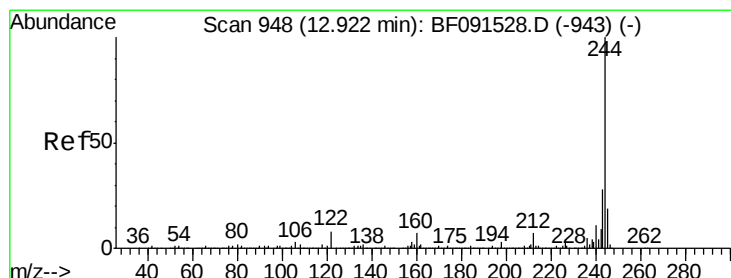
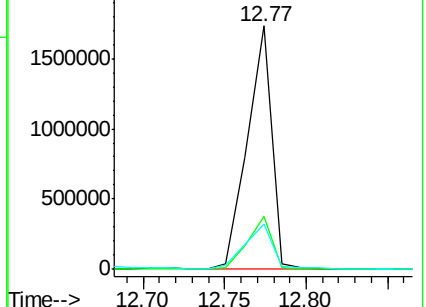
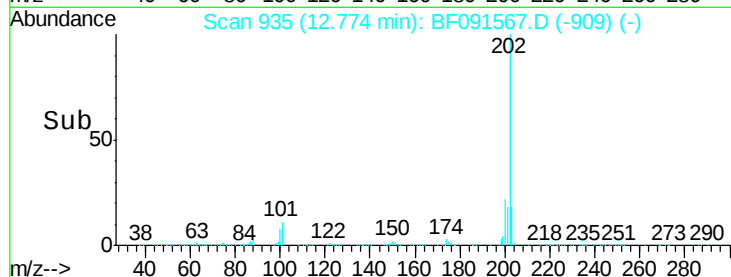
203 18.5 14.0 21.0



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: 71.50 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

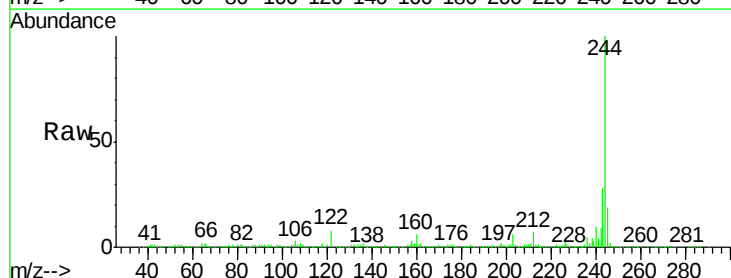
Tgt Ion:244 Resp: 1808535

Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

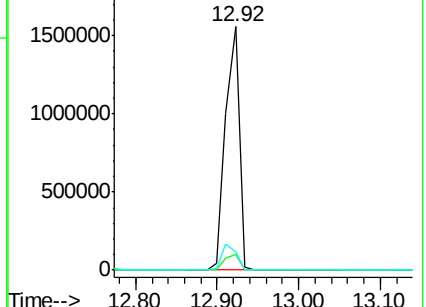
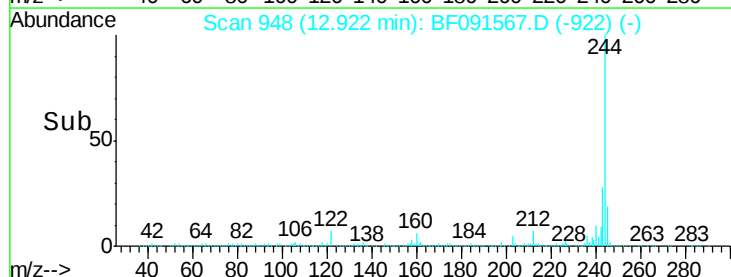
122 7.6 9.5 14.3#

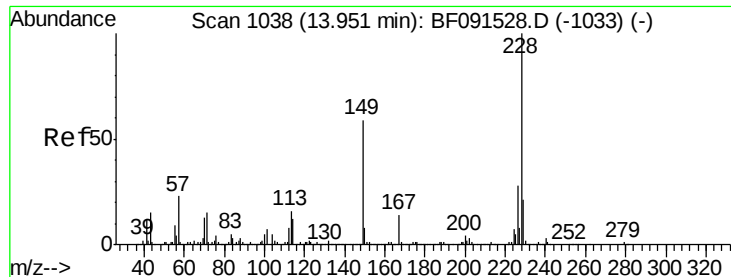


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 15.01 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.03 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

SB-46(6-8)-12-8-16

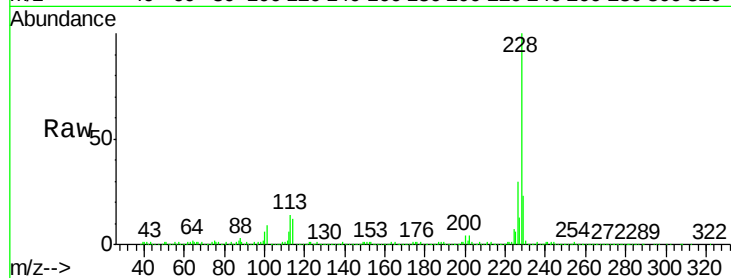
Tgt Ion:228 Resp: 500189

Ion Ratio Lower Upper

228 100

226 30.4 22.5 33.7

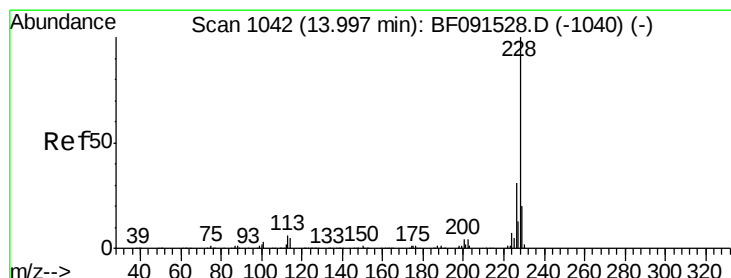
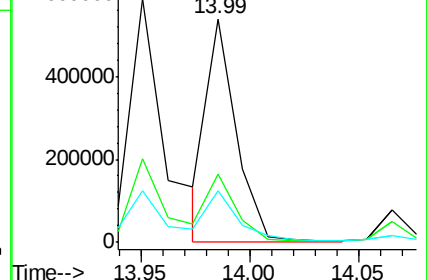
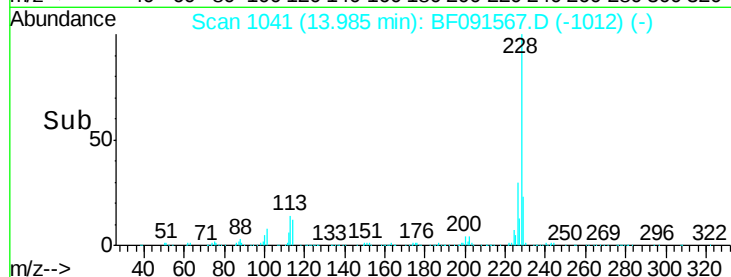
229 23.4 16.4 24.6



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: 14.34 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

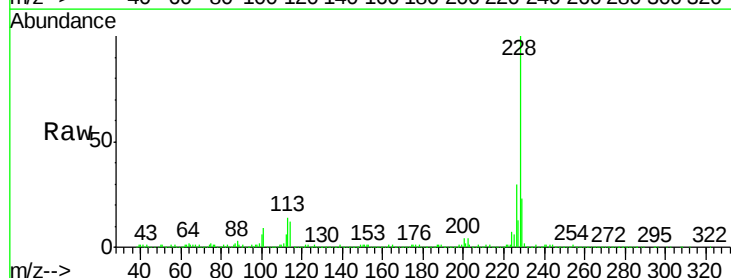
Tgt Ion:228 Resp: 500189

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.4

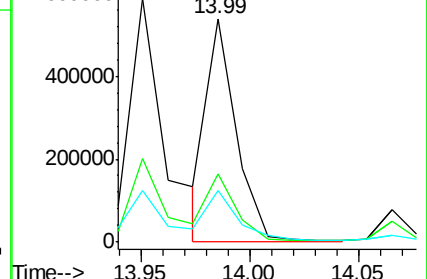
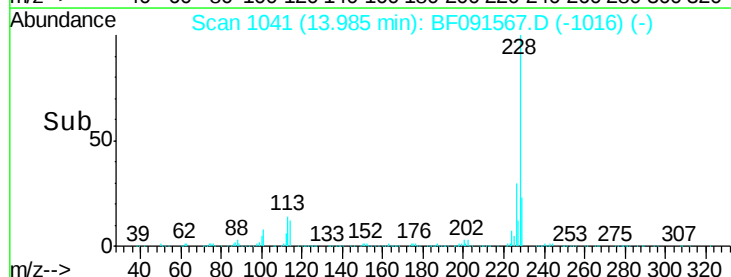
229 23.4 16.0 24.0

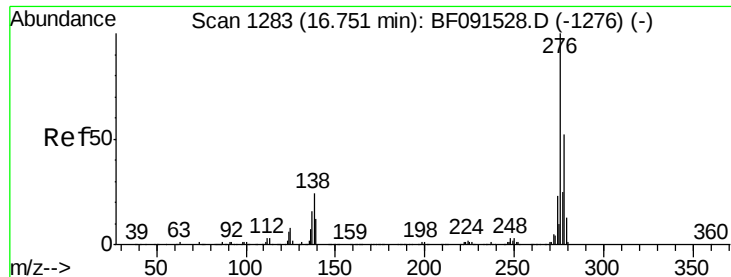


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

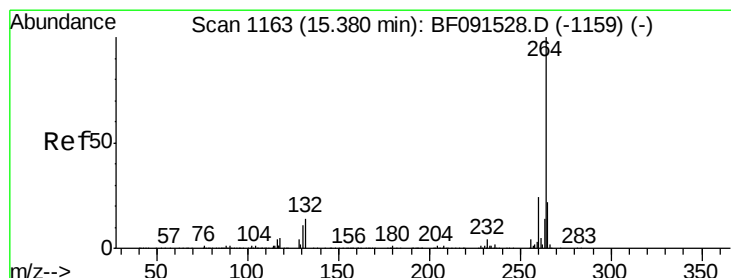
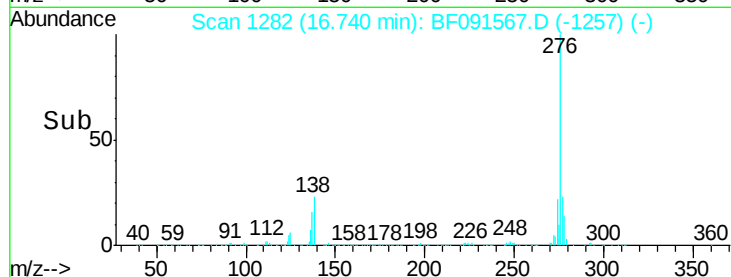
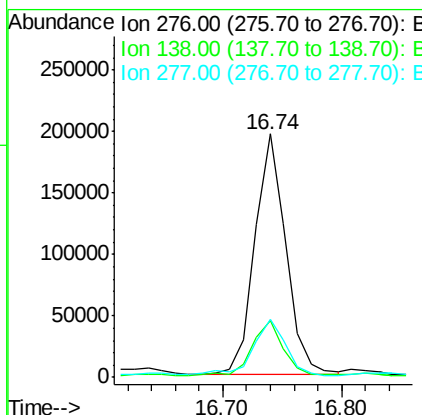
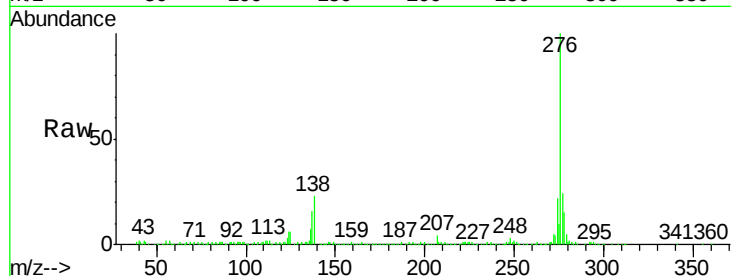




#85
Indeno(1,2,3-cd)pyrene
Concen: 11.37 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

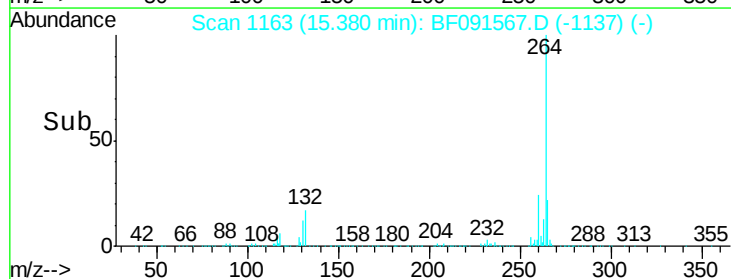
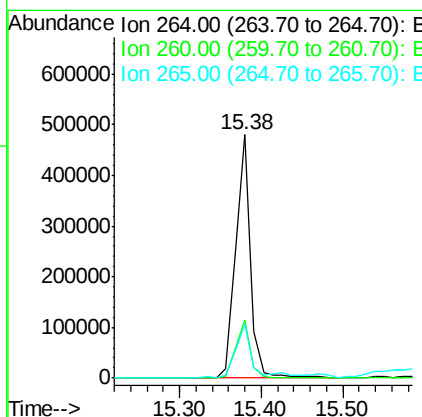
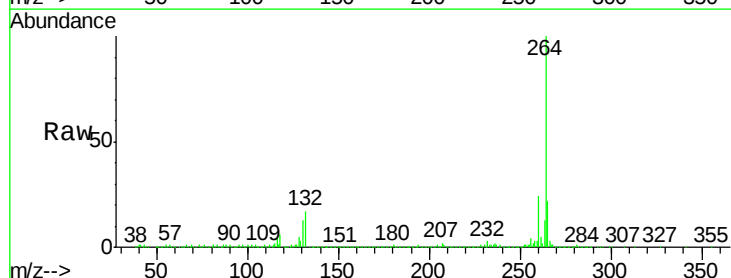
Instrument :
BNA_F
ClientSampleId :
SB-46(6-8)-12-8-16

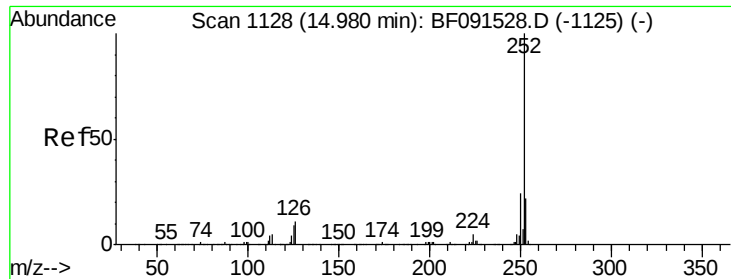
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.0	31.4
277	24.3	20.2	30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.2	17.0	25.6

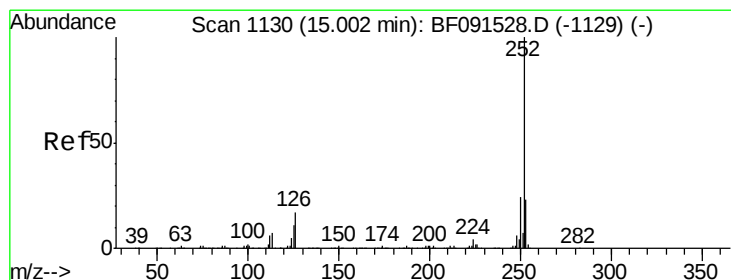
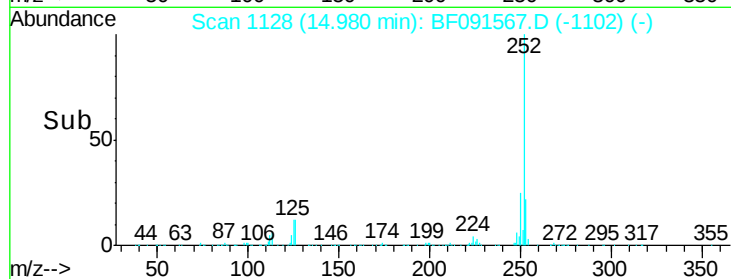
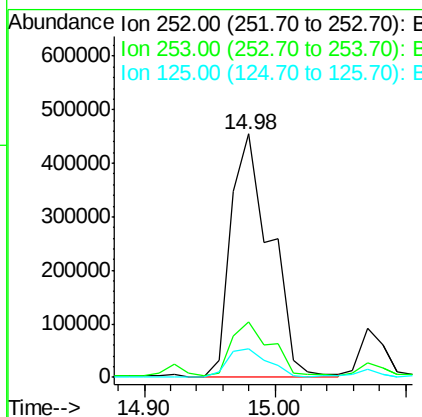
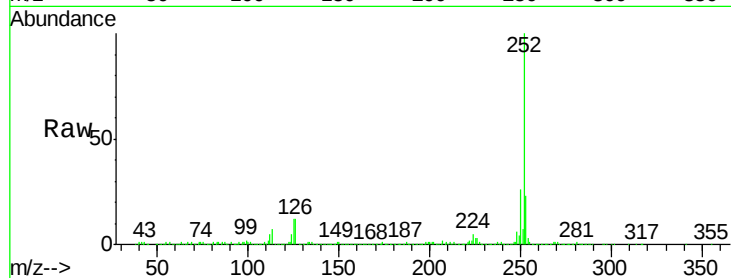




#87
Benzo(b)fluoranthene
Concen: 26.31 ng
RT: 14.98 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

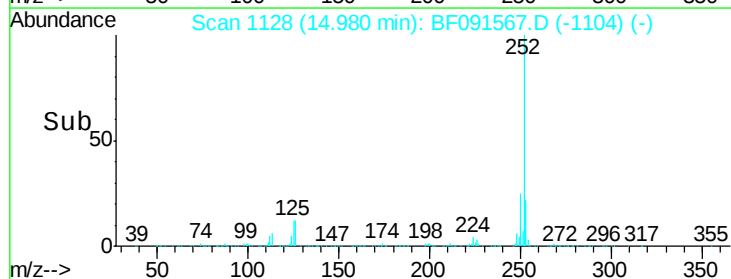
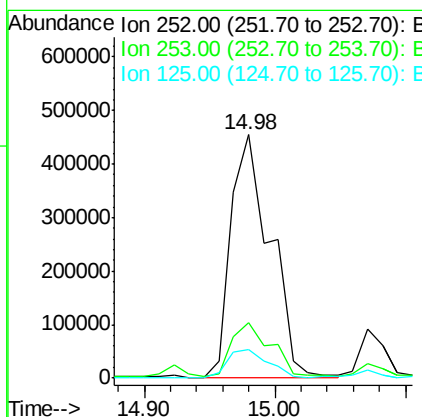
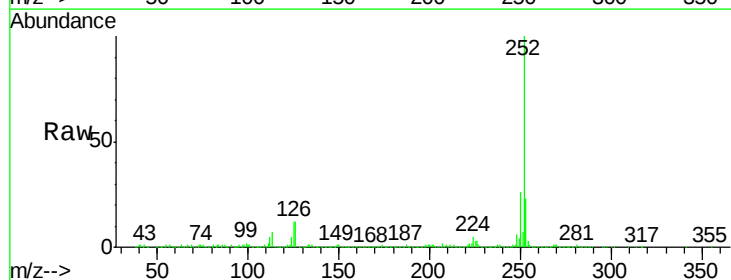
Instrument :
BNA_F
ClientSampleId :
SB-46(6-8)-12-8-16

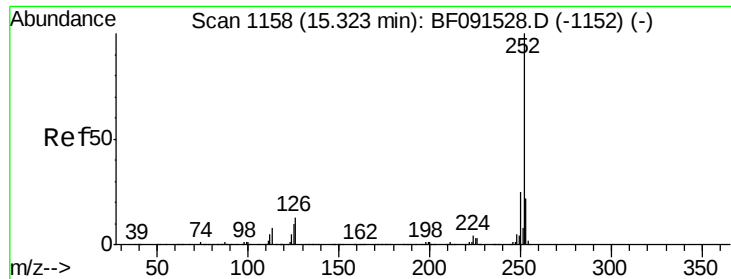
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.9	8.6	13.0



#88
Benzo(k)fluoranthene
Concen: 29.93 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF091567.D
Acq: 13 Dec 2016 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.9	9.6	14.4





#89

Benzo(a)pyrene

Concen: 16.79 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

Instrument :

BNA_F

ClientSampleId :

SB-46(6-8)-12-8-16

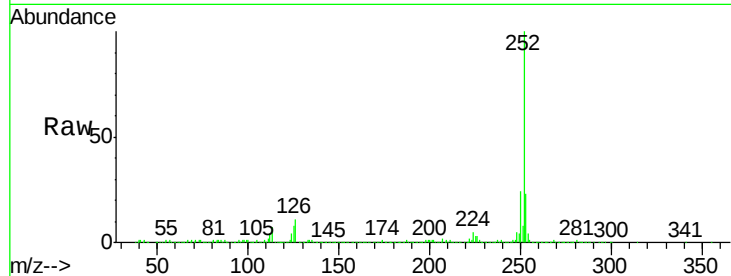
Tgt Ion:252 Resp: 543610

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

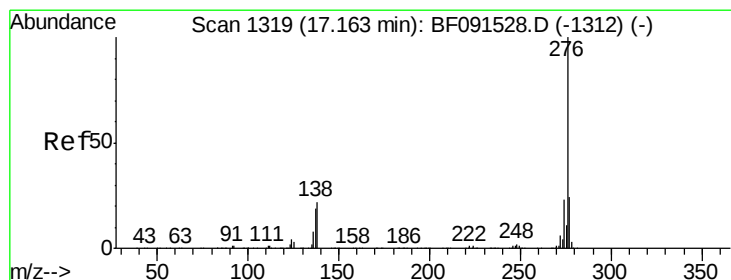
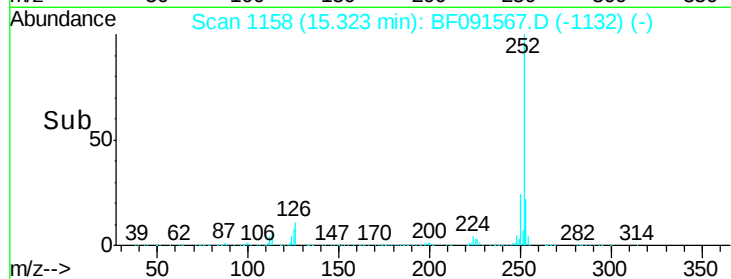
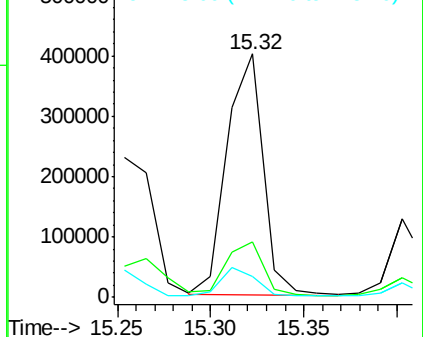
125 8.5 10.4 15.6#



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



#91

Benzo(g,h,i)perylene

Concen: 11.63 ng

RT: 17.15 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF091567.D

Acq: 13 Dec 2016 21:20

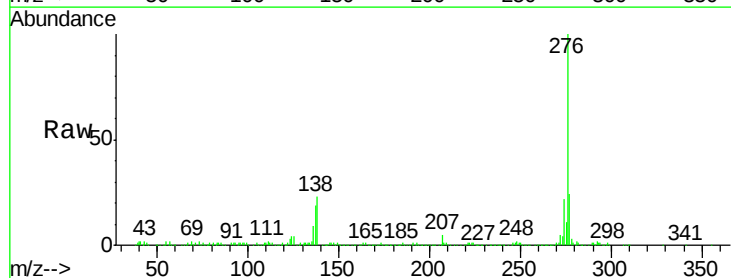
Tgt Ion:276 Resp: 343072

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 22.6 15.4 23.0



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

