

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092156.D
 Acq On : 9 Jan 2017 23:43
 Operator : UM/SJ
 Sample : I1045-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1

Quant Time: Jan 10 03:33:28 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

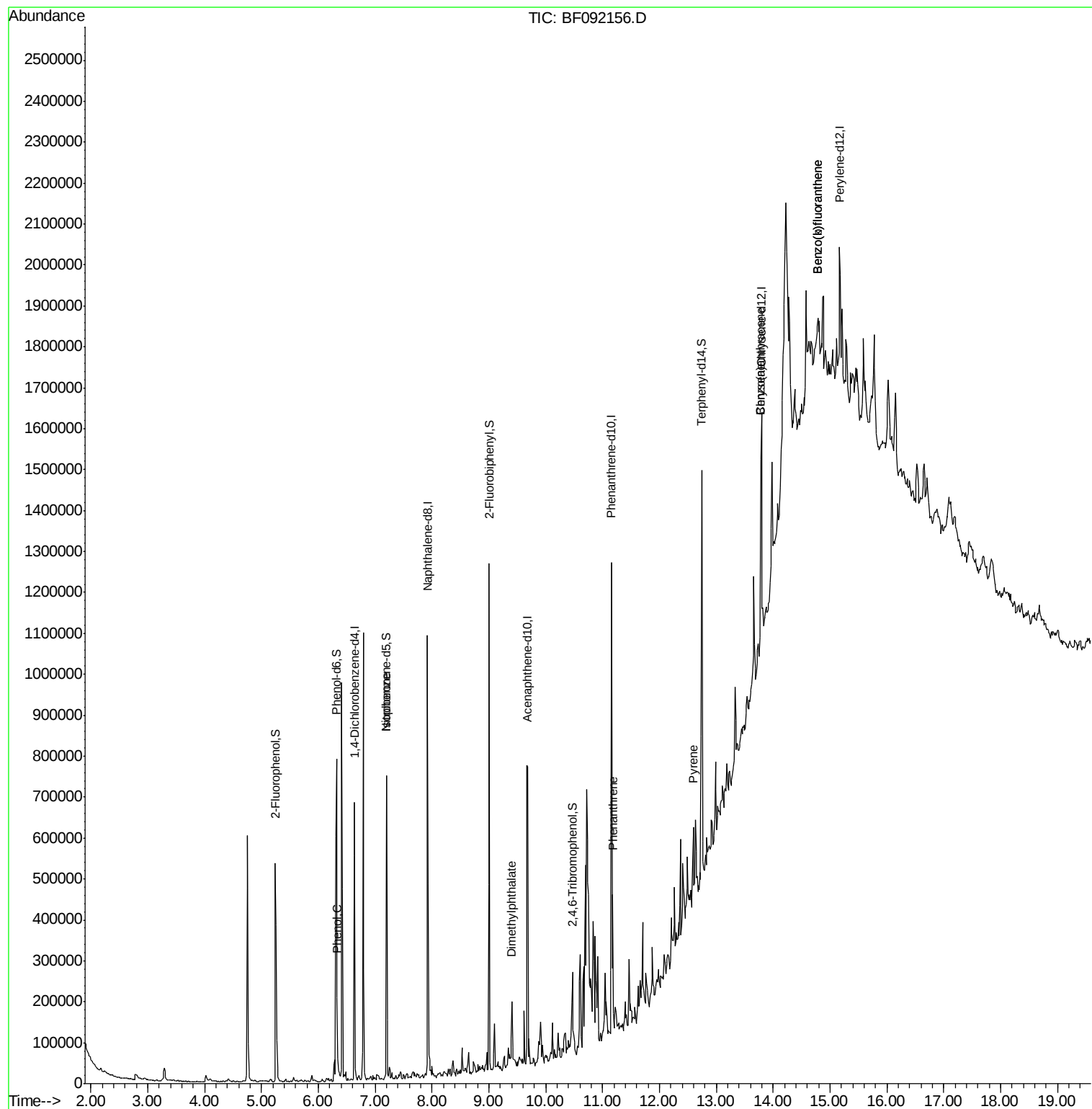
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	143855	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	515794	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	239498	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	405071	20.00	ng	0.00
75) Chrysene-d12	13.80	240	247544	20.00	ng	0.01
86) Perylene-d12	15.17	264	176748	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	222307	25.80	ng	0.01
7) Phenol-d6	6.32	99	409334	38.92	ng	0.01
23) Nitrobenzene-d5	7.20	82	230424	24.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	25926	13.08	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	419211	27.07	ng	0.00
78) Terphenyl-d14	12.74	244	327892	32.12	ng	0.00
Target Compounds						
10) Phenol	6.33	94	25321	2.11	ng	Qvalue 78
25) Isophorone	7.20	82	220470	12.88	ng	# 65
49) Dimethylphthalate	9.41	163	62427	4.08	ng	99
70) Phenanthrene	11.18	178	120326	5.48	ng	96
73) Di-n-butylphthalate	11.73	149	4304	Below Cal	#	76
76) Benzidine	12.53	184	1296	Below Cal	#	1
77) Pyrene	12.60	202	91923	5.06	ng	97
80) Benzo(a)anthracene	13.79	228	29941	2.14	ng	# 78
82) Chrysene	13.79	228	29941	2.14	ng	# 83
87) Benzo(b)fluoranthene	14.79	252	32672	2.97	ng	# 1
88) Benzo(k)fluoranthene	14.79	252	32670	3.48	ng	# 1

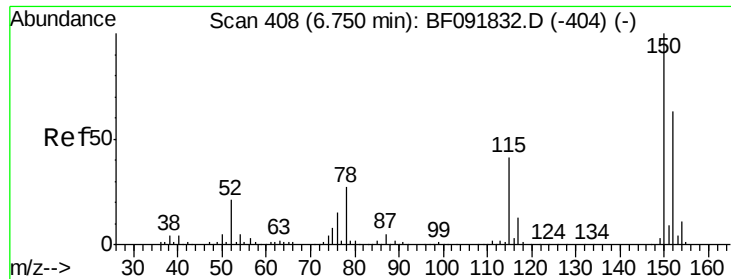
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092156.D
Acq On : 9 Jan 2017 23:43
Operator : UM/SJ
Sample : I1045-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-SP1

Quant Time: Jan 10 03:33:28 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Instrument :

BNA_F

ClientSampleId :

P3-SP1

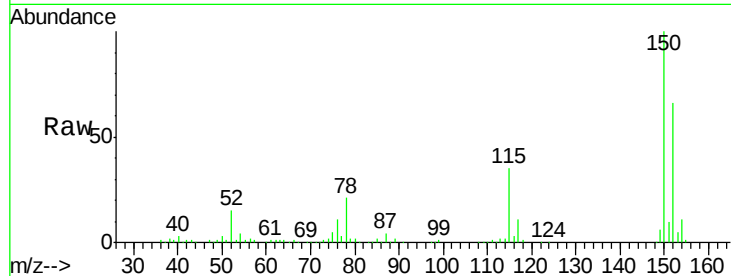
Tgt Ion:152 Resp: 143855

Ion Ratio Lower Upper

152 100

150 152.6 124.9 187.3

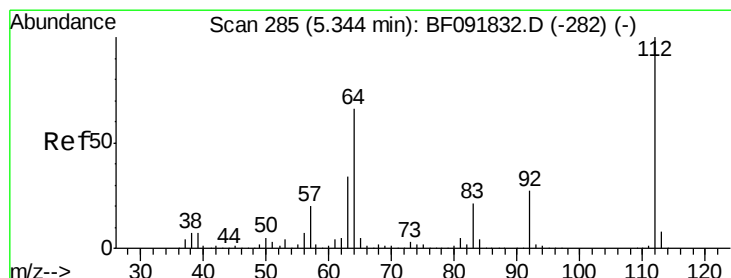
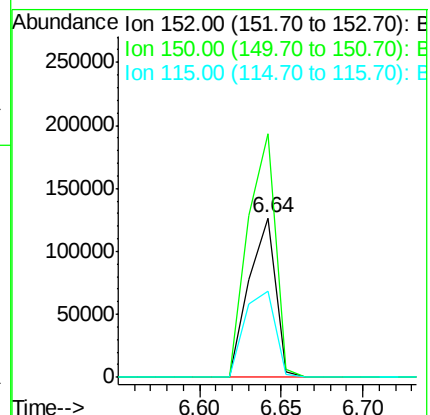
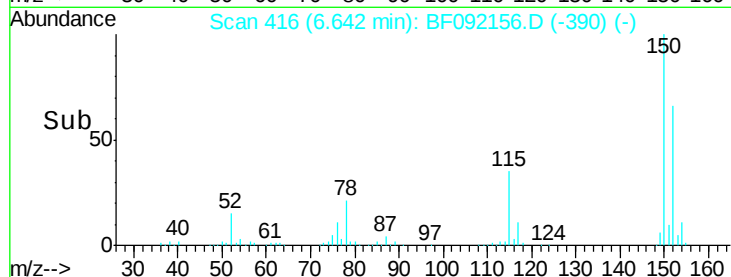
115 54.2 46.0 69.0



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: 25.80 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

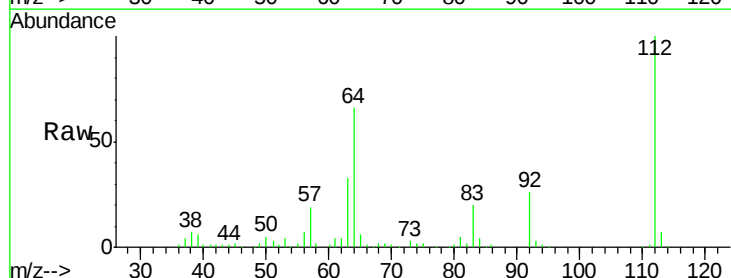
Tgt Ion:112 Resp: 222307

Ion Ratio Lower Upper

112 100

64 66.4 46.1 69.1

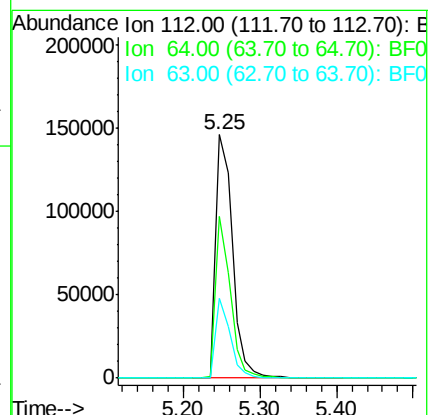
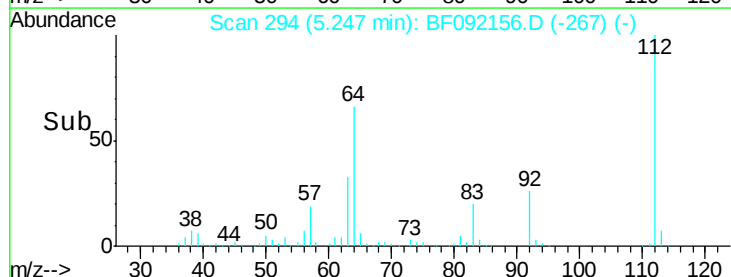
63 32.9 23.8 35.6

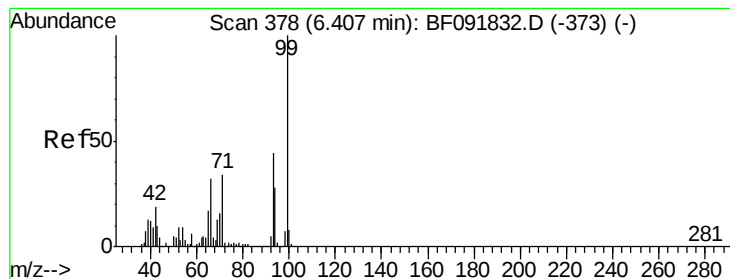


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.92 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Instrument :

BNA_F

ClientSampleId :

P3-SP1

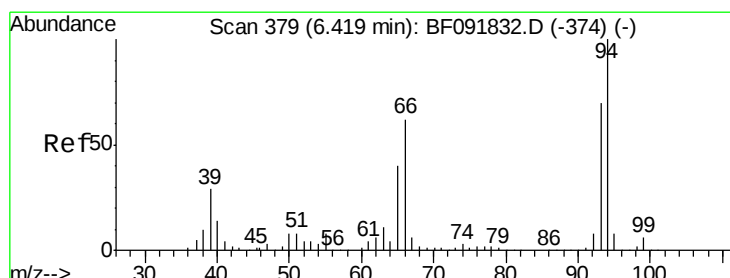
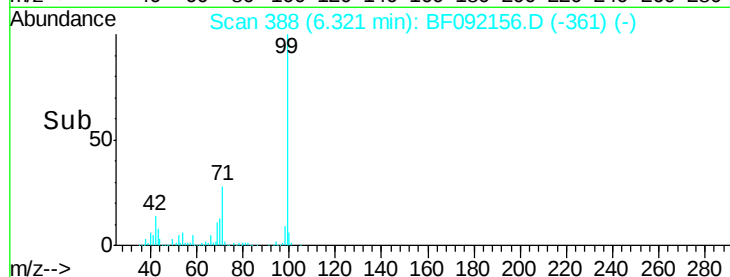
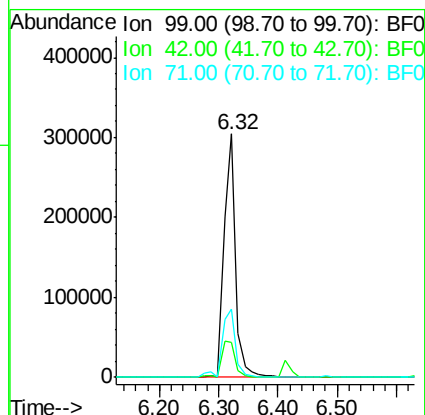
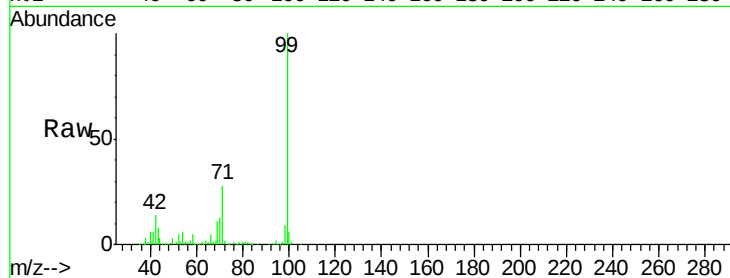
Tgt Ion: 99 Resp: 409334

Ion Ratio Lower Upper

99 100

42 14.4 15.6 23.4#

71 28.3 27.5 41.3



#10

Phenol

Concen: 2.11 ng

RT: 6.33 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

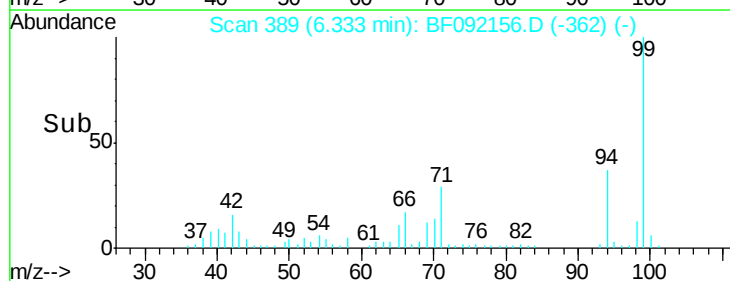
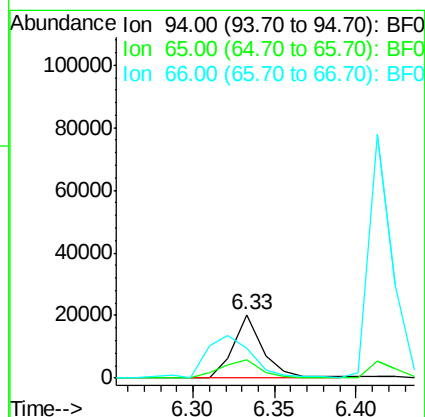
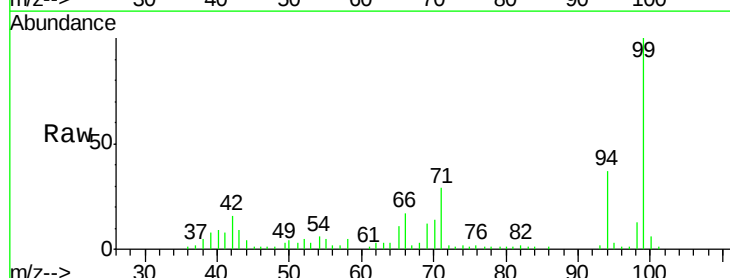
Tgt Ion: 94 Resp: 25321

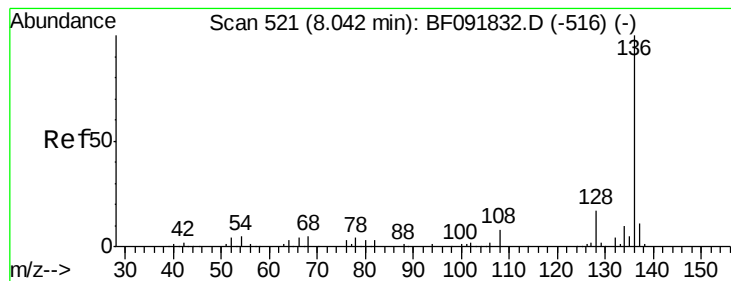
Ion Ratio Lower Upper

94 100

65 29.0 21.4 61.4

66 46.3 44.0 84.0

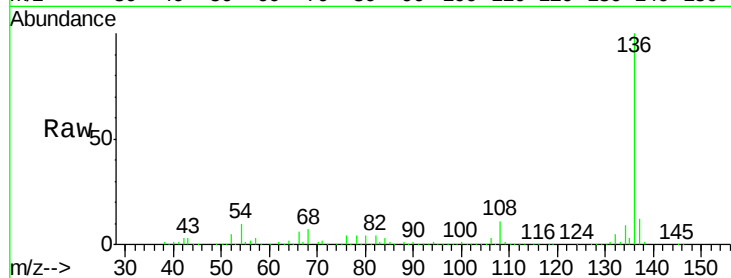




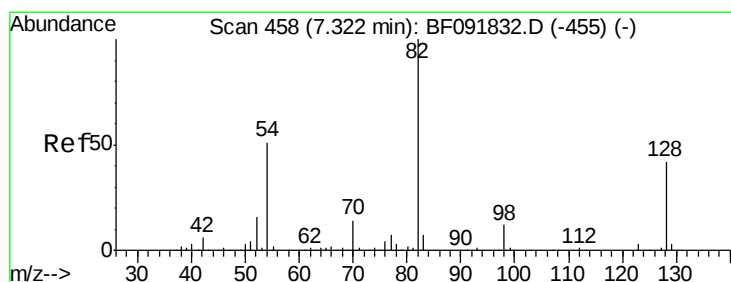
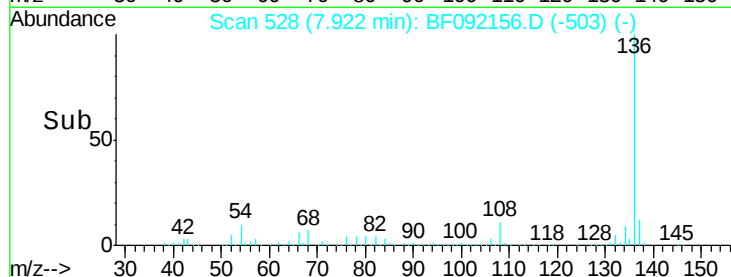
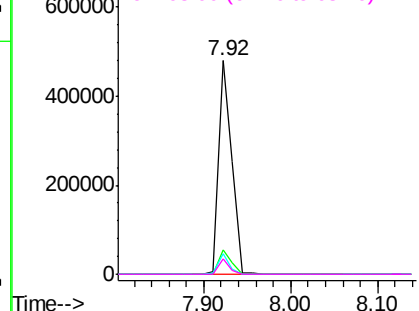
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092156.D
Acq: 9 Jan 2017 23:43

Instrument :
BNA_F
ClientSampleId :
P3-SP1

Tgt Ion: 136 Resp: 515794
Ion Ratio Lower Upper
136 100
137 11.6 8.4 12.6
54 9.8 4.5 6.7#
68 7.2 3.6 5.4#

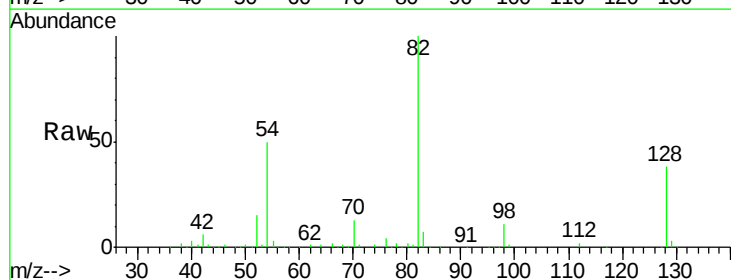


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

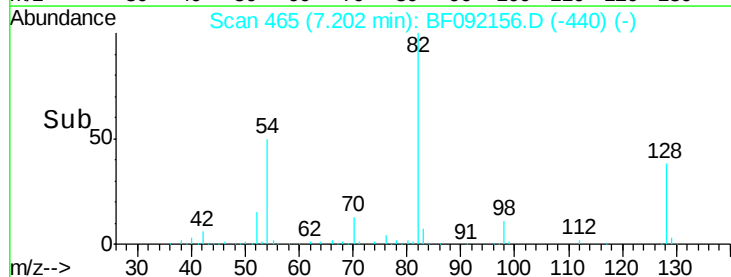
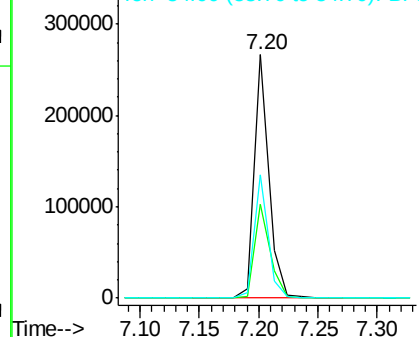


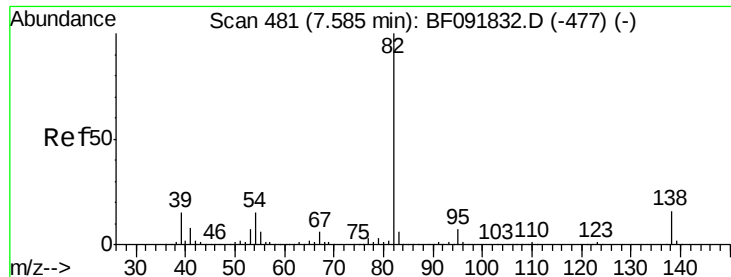
#23
Nitrobenzene-d5
Concen: 24.84 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092156.D
Acq: 9 Jan 2017 23:43

Tgt Ion: 82 Resp: 230424
Ion Ratio Lower Upper
82 100
128 38.5 34.6 52.0
54 50.5 39.5 59.3



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: 12.88 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.27 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Instrument :

BNA_F

ClientSampleId :

P3-SP1

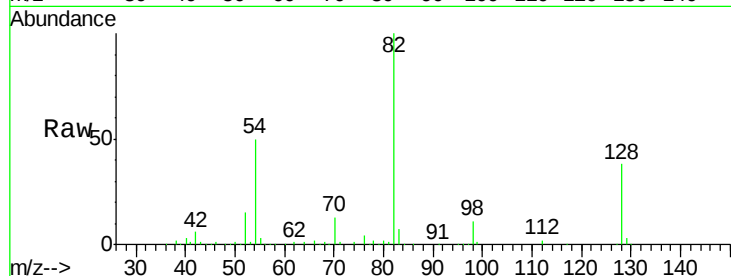
Tgt Ion: 82 Resp: 220470

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

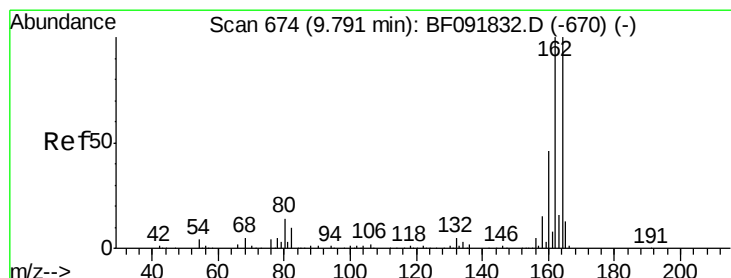
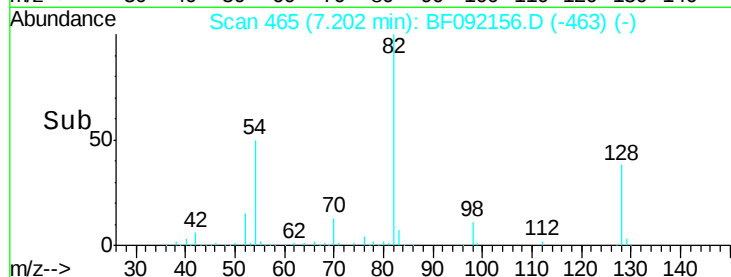
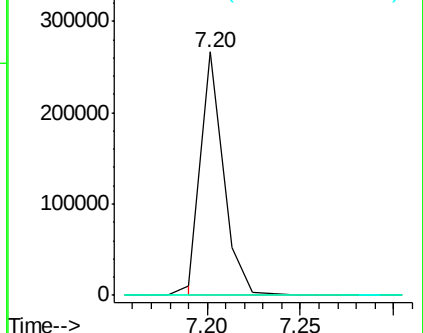
138 0.0 14.6 22.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

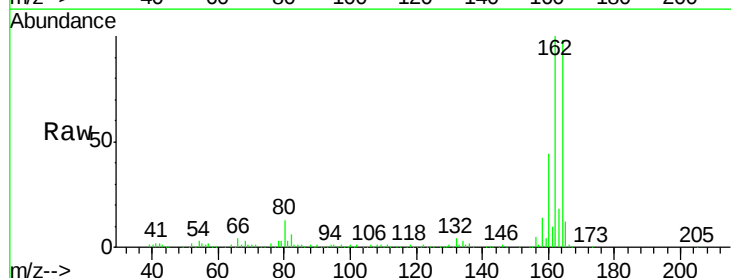
Tgt Ion: 164 Resp: 239498

Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.2

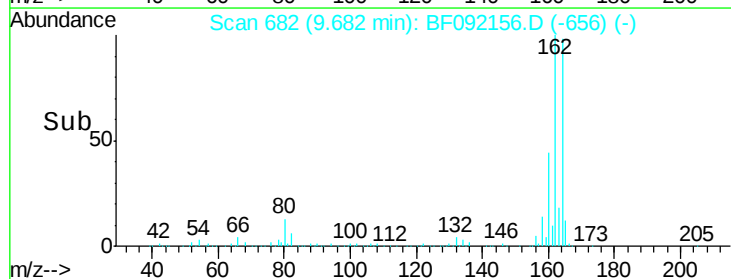
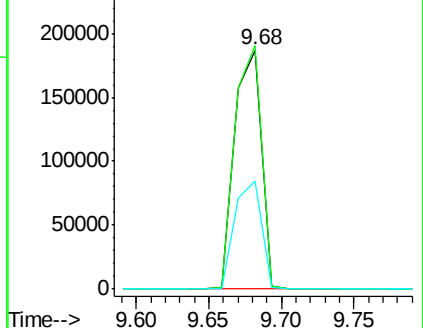
160 45.3 36.9 55.3

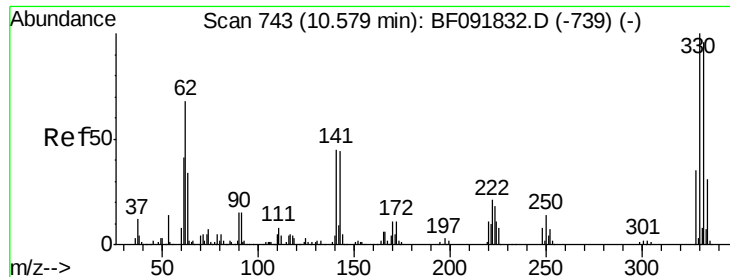


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

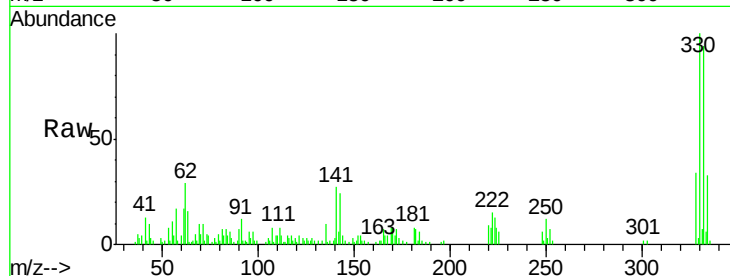




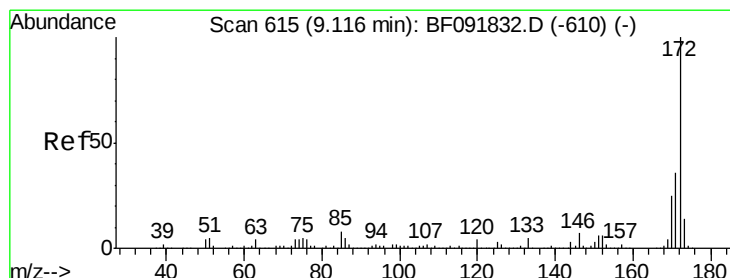
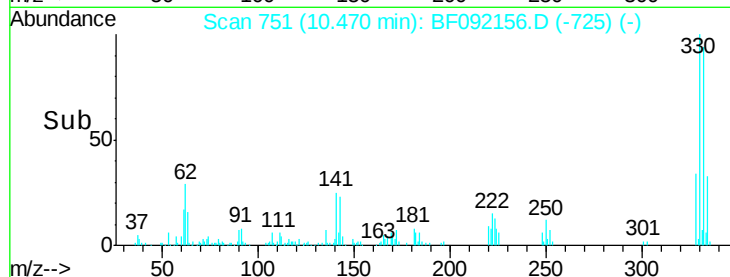
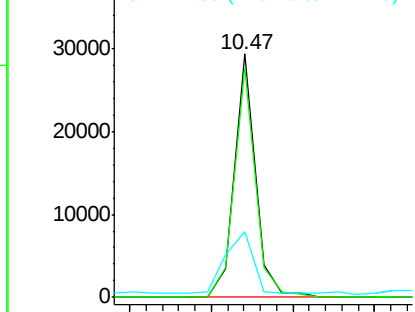
#41
 2,4,6-Tribromophenol
 Concen: 13.08 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092156.D
 Acq: 9 Jan 2017 23:43

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1

Tgt Ion:330 Resp: 25926
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 36.7 34.1 51.1

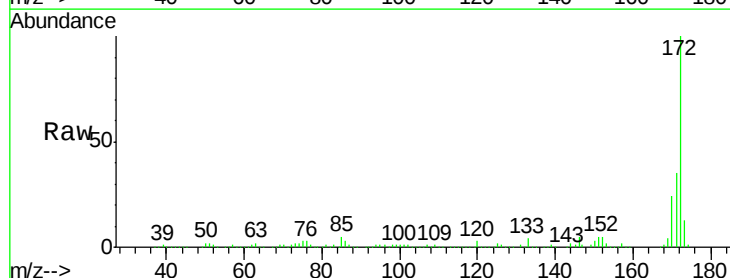


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

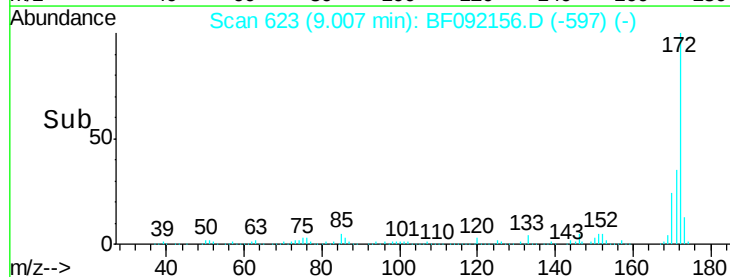
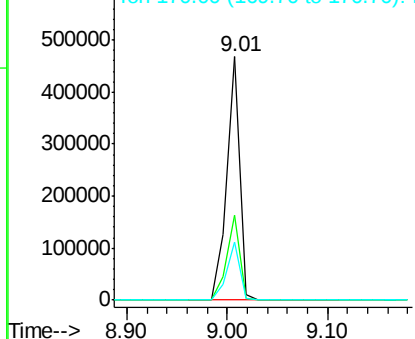


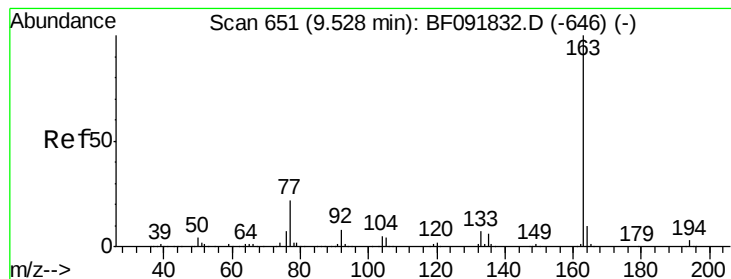
#44
 2-Fluorobiphenyl
 Concen: 27.07 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092156.D
 Acq: 9 Jan 2017 23:43

Tgt Ion:172 Resp: 419211
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.4 44.0
 170 23.6 20.2 30.4



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





#49

Dimethylphthalate

Concen: 4.08 ng

RT: 9.41 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Instrument :

BNA_F

ClientSampleId :

P3-SP1

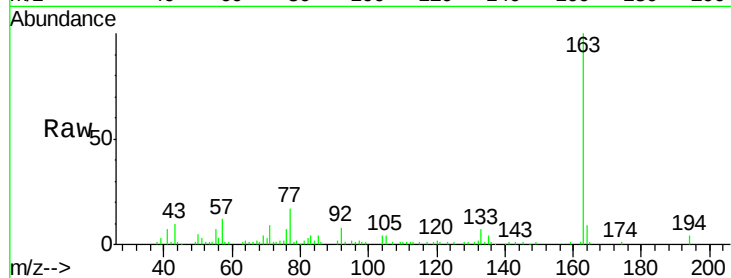
Tgt Ion:163 Resp: 62427

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

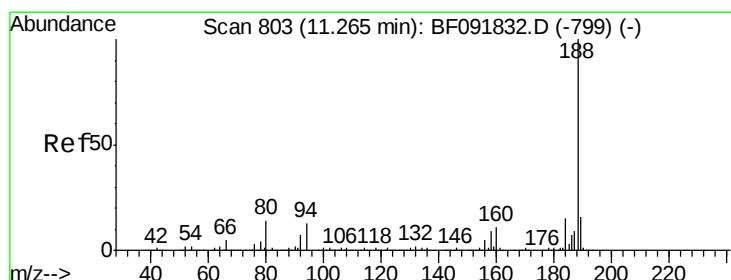
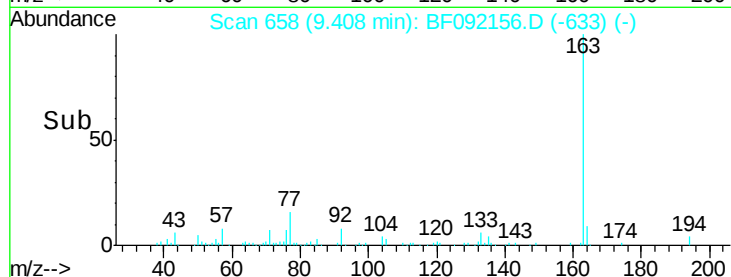
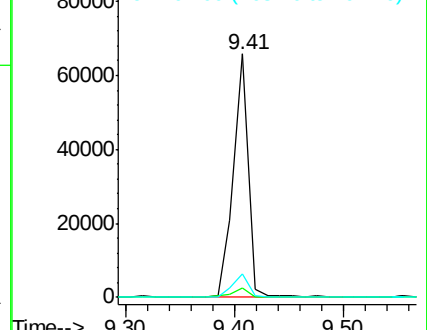
164 9.5 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

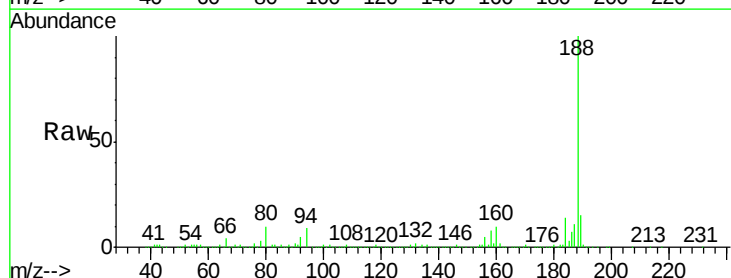
Tgt Ion:188 Resp: 405071

Ion Ratio Lower Upper

188 100

94 9.4 10.0 15.0#

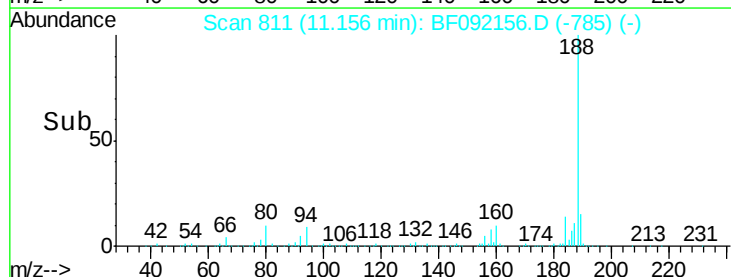
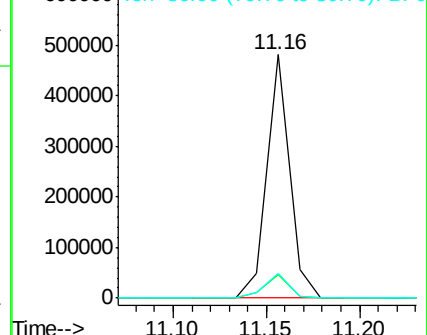
80 10.2 11.2 16.8#

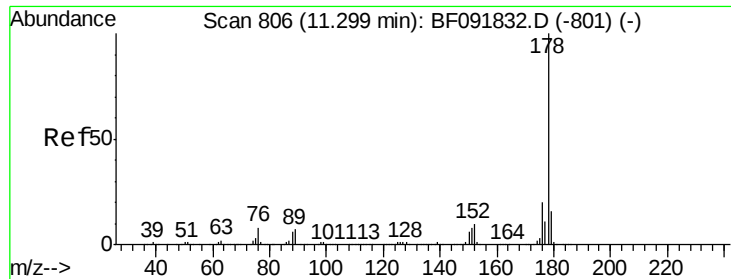


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

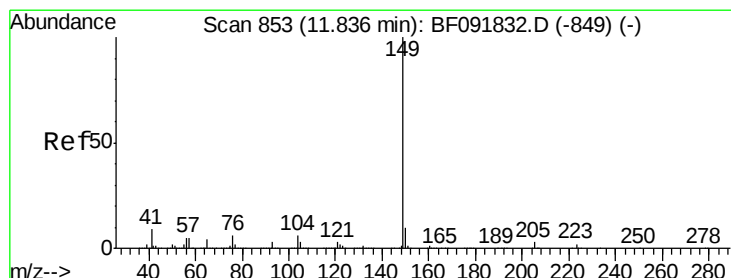
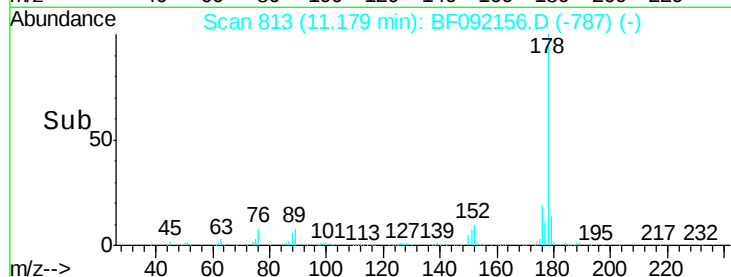
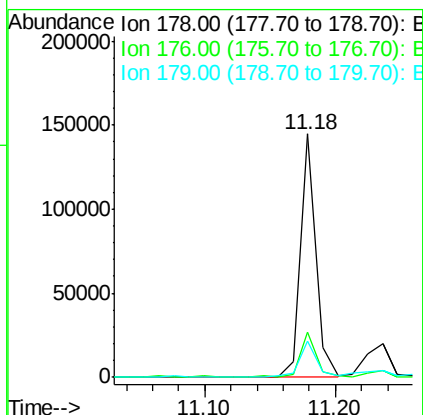
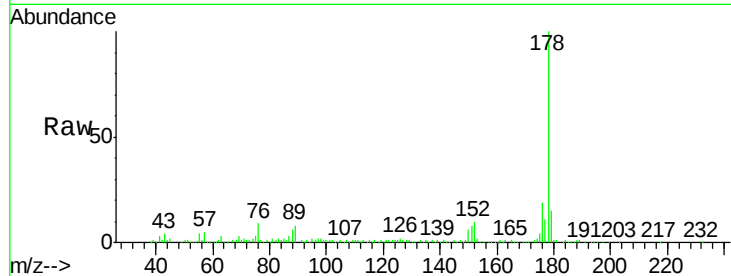




#70
 Phenanthrene
 Concen: 5.48 ng
 RT: 11.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092156.D
 Acq: 9 Jan 2017 23:43

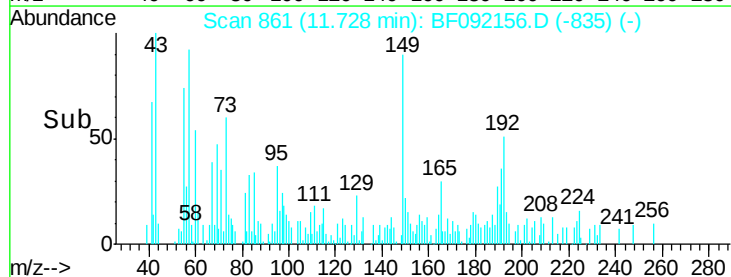
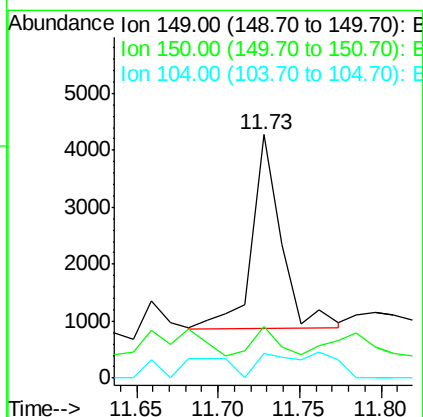
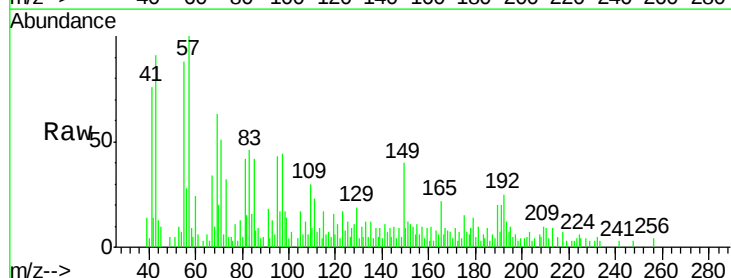
Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1

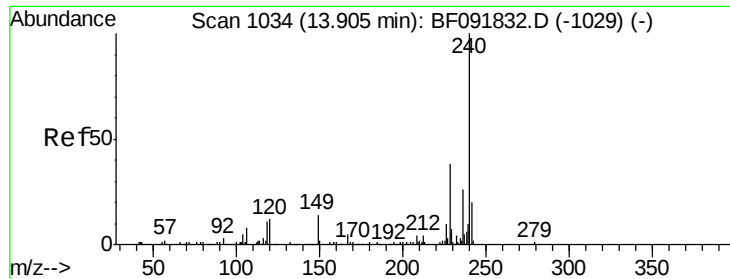
Tgt Ion:178 Resp: 120326
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.6 25.0
 179 14.9 12.8 19.2



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.73 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF092156.D
 Acq: 9 Jan 2017 23:43

Tgt Ion:149 Resp: 4304
 Ion Ratio Lower Upper
 149 100
 150 21.4 8.1 12.1#
 104 10.4 4.6 7.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Instrument :

BNA_F

ClientSampleId :

P3-SP1

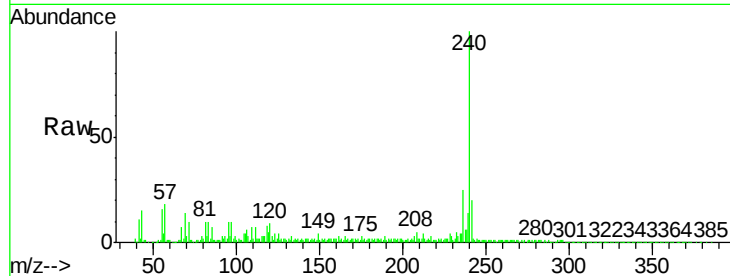
Tgt Ion:240 Resp: 247544

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

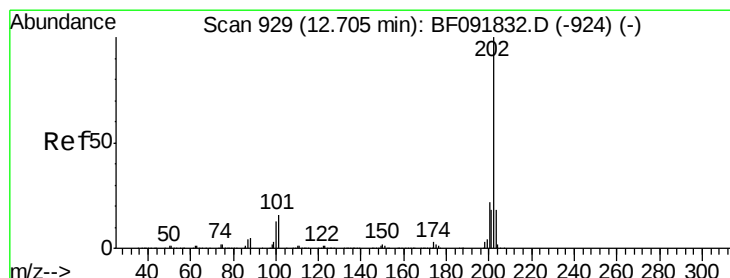
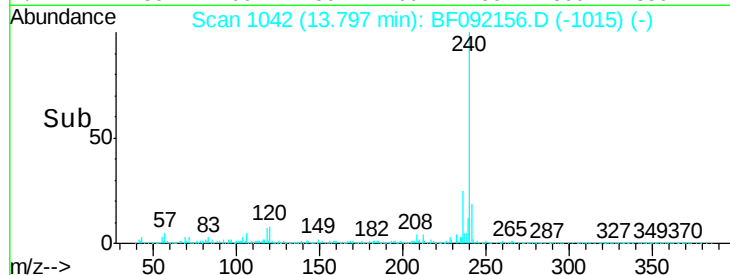
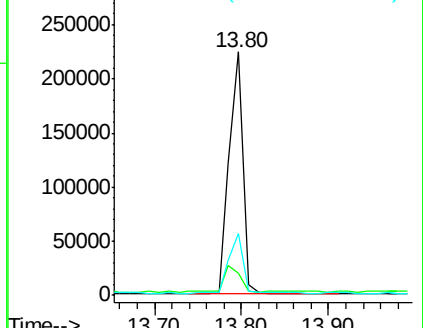
236 25.4 20.9 31.3



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: 5.06 ng

RT: 12.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

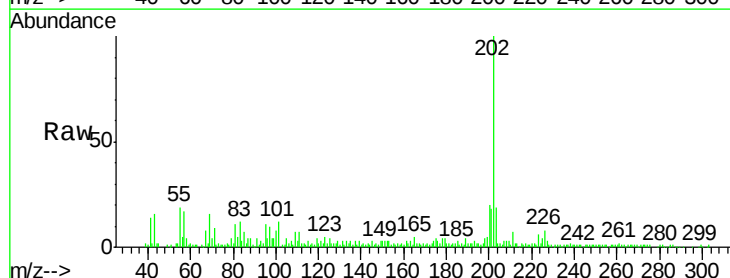
Tgt Ion:202 Resp: 91923

Ion Ratio Lower Upper

202 100

200 20.1 17.7 26.5

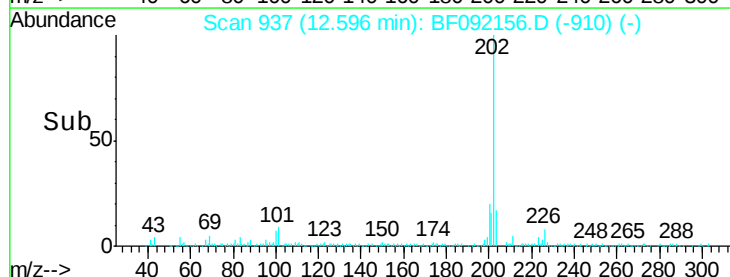
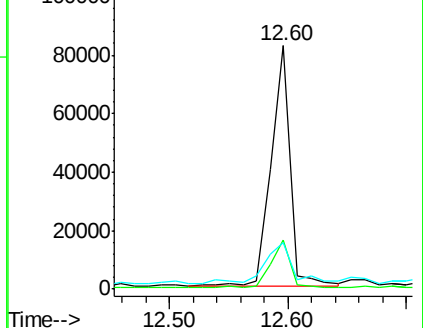
203 19.2 14.7 22.1

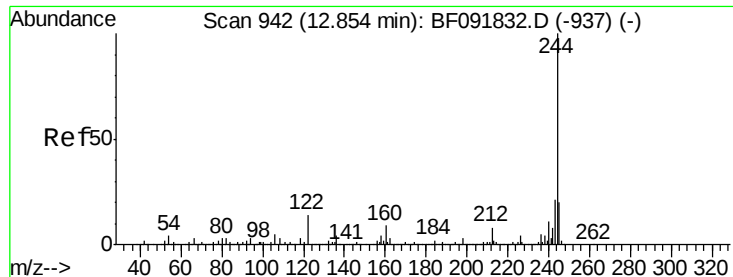


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 32.12 ng

RT: 12.74 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Instrument :

BNA_F

ClientSampleId :

P3-SP1

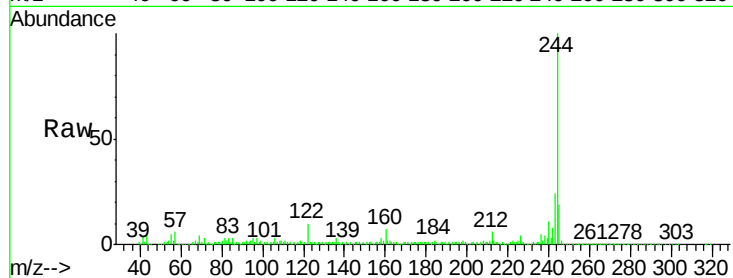
Tgt Ion:244 Resp: 327892

Ion Ratio Lower Upper

244 100

212 6.5 6.2 9.2

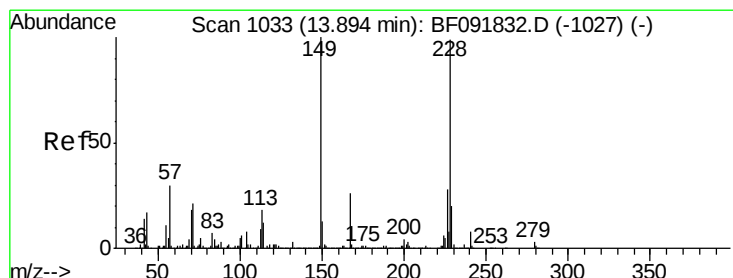
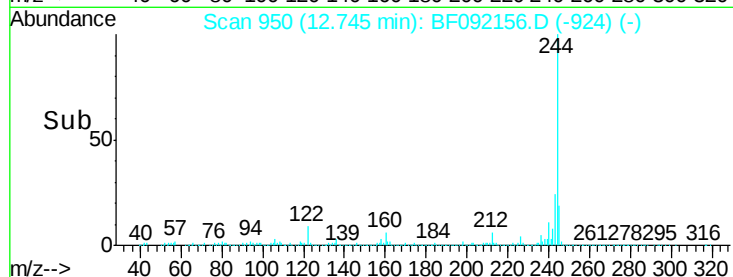
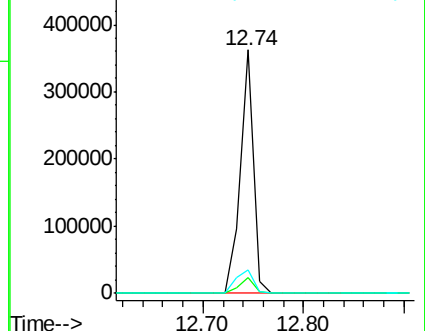
122 9.6 11.4 17.2#



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: 2.14 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

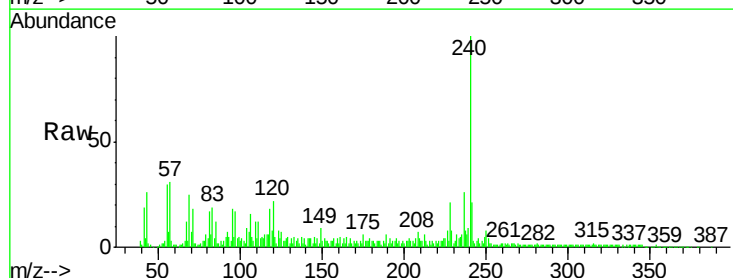
Tgt Ion:228 Resp: 29941

Ion Ratio Lower Upper

228 100

226 35.6 22.4 33.6#

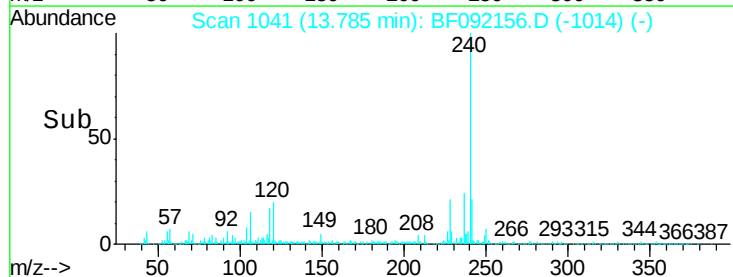
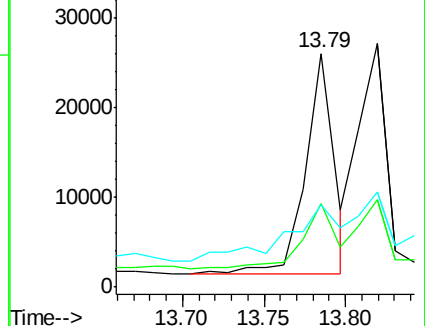
229 35.2 16.2 24.4#

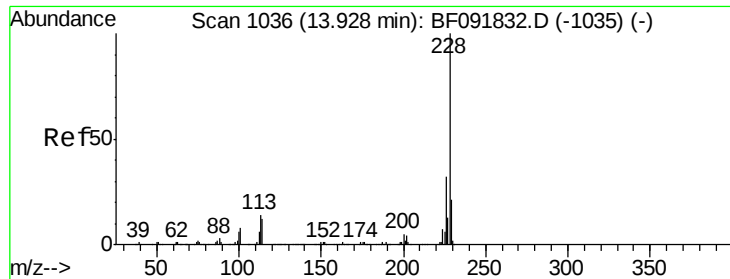


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

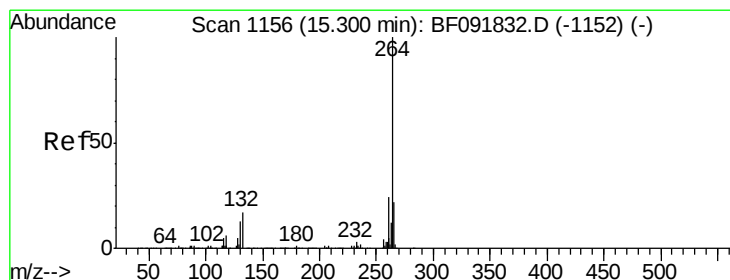
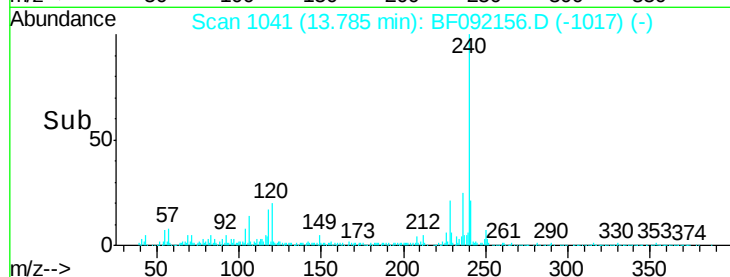
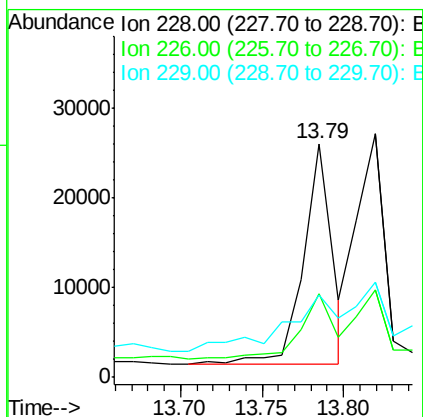
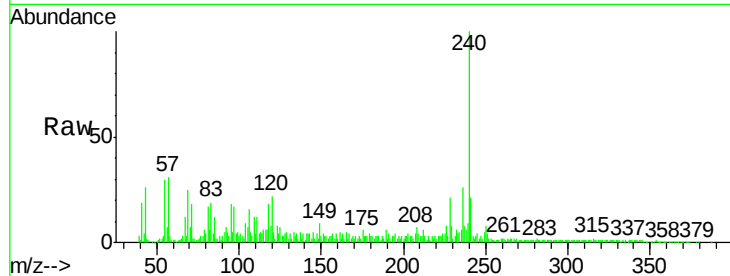




#82
Chrysene
Concen: 2.14 ng
RT: 13.79 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF092156.D
Acq: 9 Jan 2017 23:43

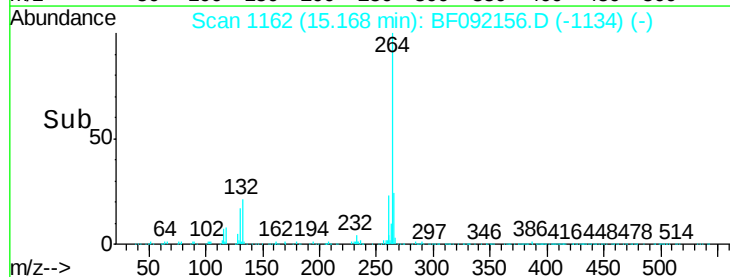
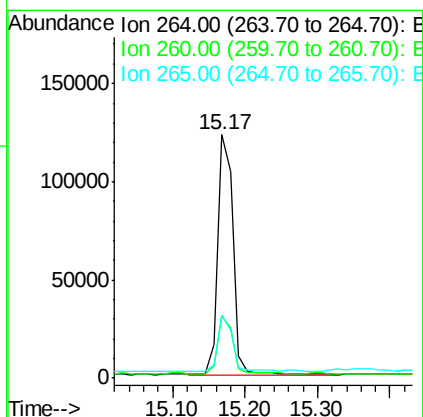
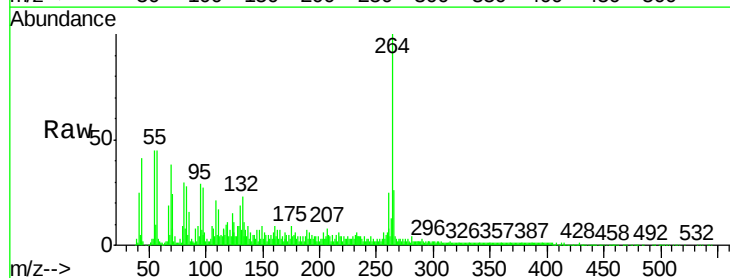
Instrument :
BNA_F
ClientSampleId :
P3-SP1

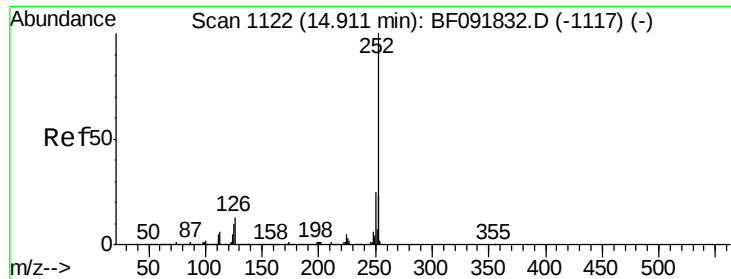
Tgt Ion:228 Resp: 29941
Ion Ratio Lower Upper
228 100
226 35.6 25.4 38.0
229 35.2 16.2 24.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BF092156.D
Acq: 9 Jan 2017 23:43

Tgt Ion:264 Resp: 176748
Ion Ratio Lower Upper
264 100
260 25.4 19.2 28.8
265 25.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 2.97 ng

RT: 14.79 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Instrument :

BNA_F

ClientSampleId :

P3-SP1

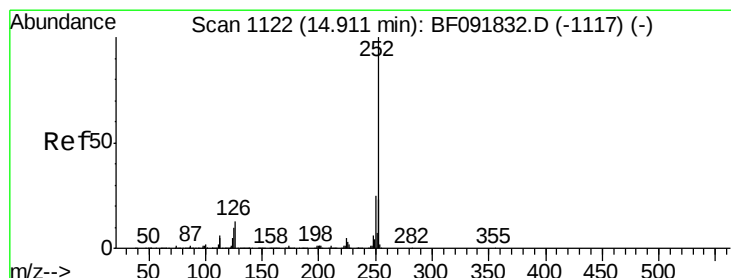
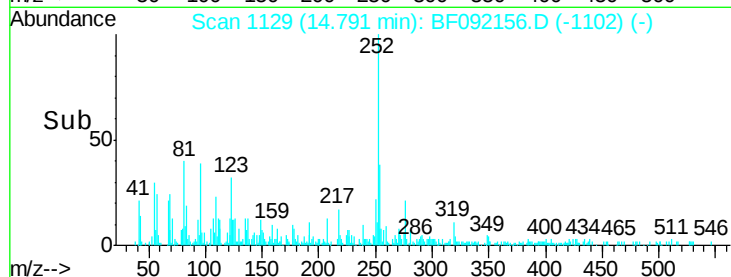
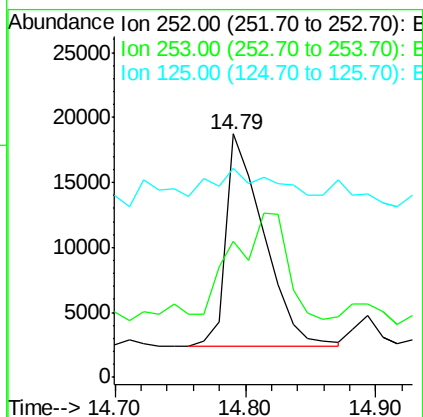
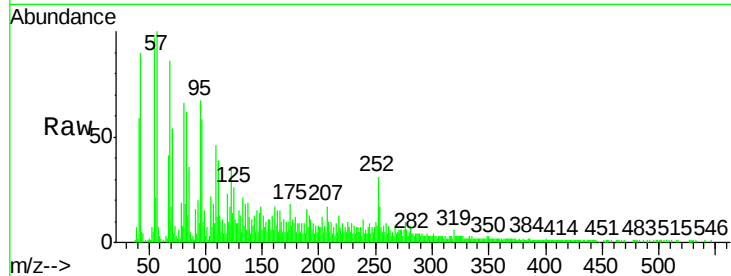
Tgt Ion:252 Resp: 32672

Ion Ratio Lower Upper

252 100

253 55.8 18.2 27.4#

125 85.8 9.8 14.6#



#88

Benzo(k)fluoranthene

Concen: 3.48 ng

RT: 14.79 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Tgt Ion:252 Resp: 32670

Ion Ratio Lower Upper

252 100

253 55.8 18.5 27.7#

125 85.8 8.9 13.3#

