

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077752.D
 Acq On : 16 Mar 2015 14:33
 Operator : TP/IZ
 Sample : G1412-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)

Quant Time: Mar 17 02:32:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 00:51:27 2015
 Response via : Initial Calibration

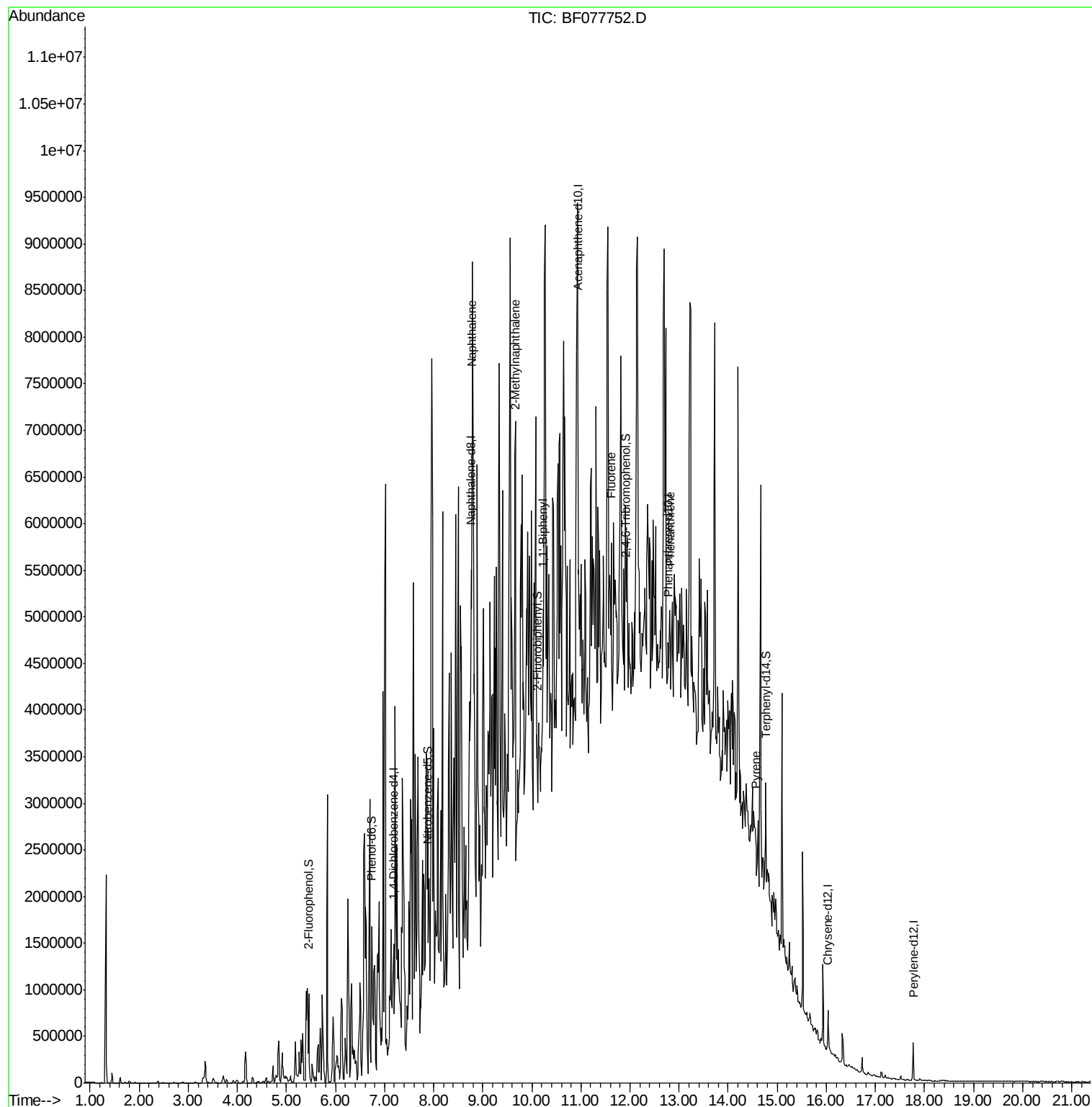
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	45455	20.00	ng	0.01
21) Naphthalene-d8	8.76	136	147408	20.00	ng	0.01
38) Acenaphthene-d10	10.93	164	54831	20.00	ng	0.02
63) Phenanthrene-d10	12.77	188	147434	20.00	ng	0.02
75) Chrysene-d12	16.03	240	203324	20.00	ng	0.00
86) Perylene-d12	17.77	264	204773	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	295882	113.62	ng	0.00
7) Phenol-d6	6.74	99	363420	112.96	ng	0.00
23) Nitrobenzene-d5	7.87	82	315866	140.46	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	64214	122.40	ng	0.02
44) 2-Fluorobiphenyl	10.11	172	408804	109.57	ng	0.02
78) Terphenyl-d14	14.76	244	486565	58.45	ng	0.01
Target Compounds						Qvalue
31) Naphthalene	8.78	128	732310	96.73	ng	# 93
37) 2-Methylnaphthalene	9.65	142	1636037	321.67	ng	# 95
45) 1,1'-Biphenyl	10.22	154	410873	93.74	ng	# 94
57) Fluorene	11.62	166	314655	75.23	ng	# 88
70) Phenanthrene	12.81	178	682241	80.61	ng	# 96
77) Pyrene	14.56	202	168736	13.20	ng	# 94

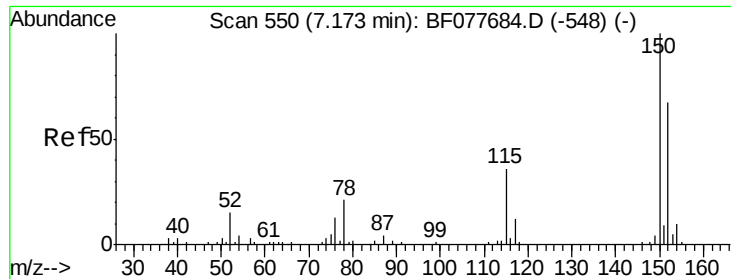
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077752.D
Acq On : 16 Mar 2015 14:33
Operator : TP/IZ
Sample : G1412-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)

Quant Time: Mar 17 02:32:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 17 00:51:27 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.18 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

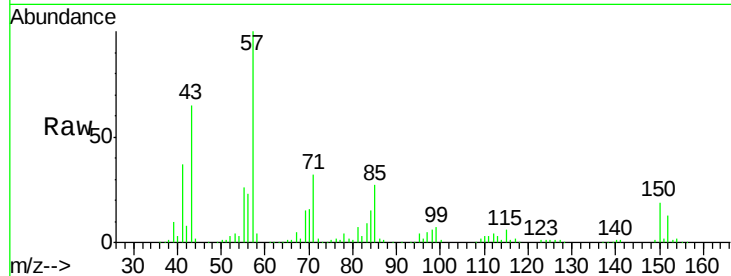
Tgt Ion:152 Resp: 45455

Ion Ratio Lower Upper

152 100

150 151.6 119.5 179.3

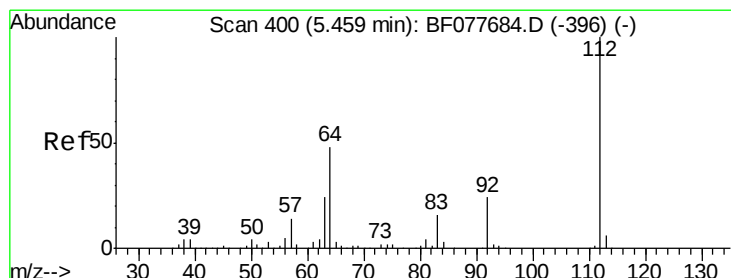
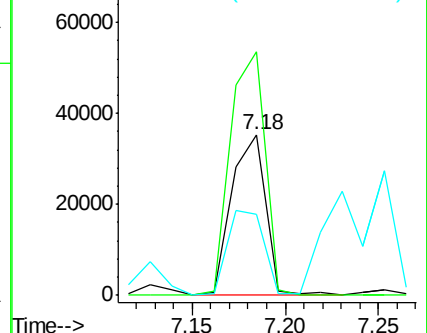
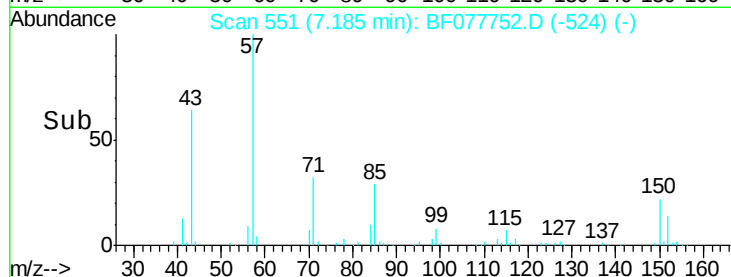
115 50.8 43.0 64.4



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: 113.62 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

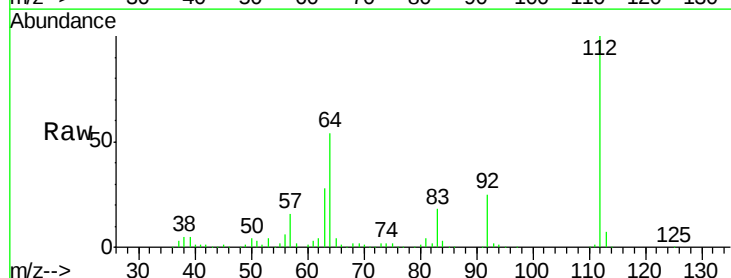
Tgt Ion:112 Resp: 295882

Ion Ratio Lower Upper

112 100

64 54.5 38.6 57.8

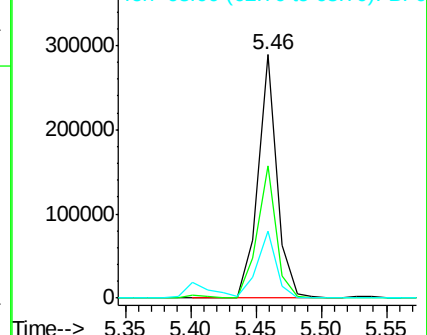
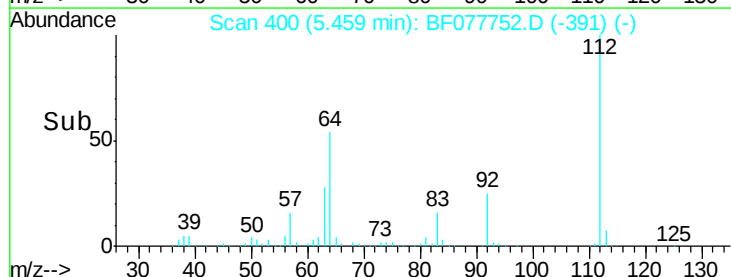
63 27.7 19.3 28.9

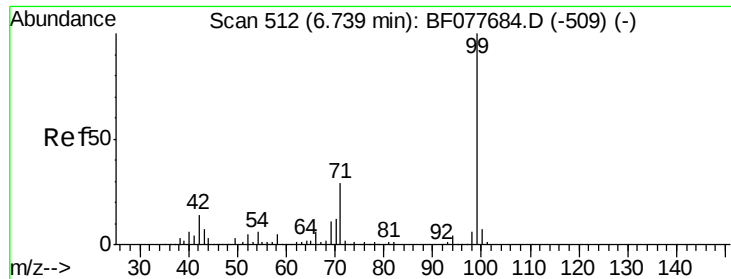


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.96 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

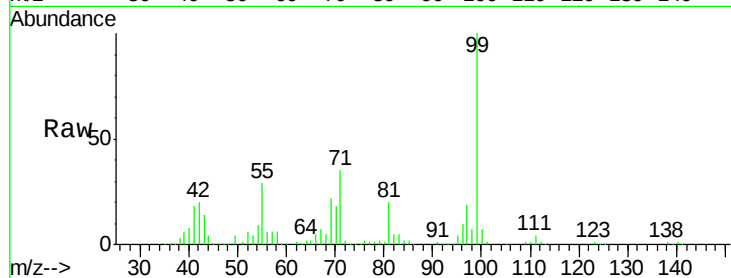
Tgt Ion: 99 Resp: 363420

Ion Ratio Lower Upper

99 100

42 19.6 11.0 16.4#

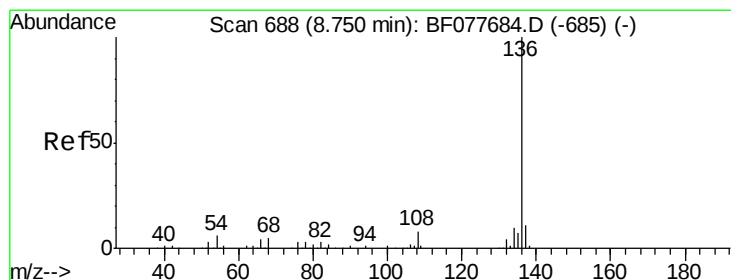
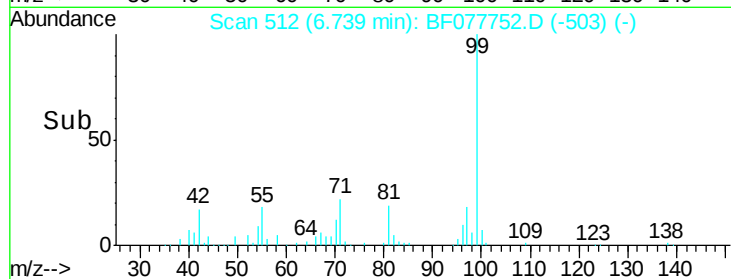
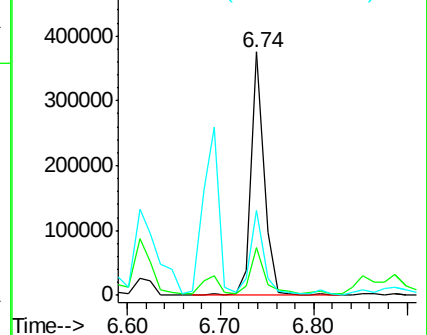
71 34.9 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Tgt Ion: 136 Resp: 147408

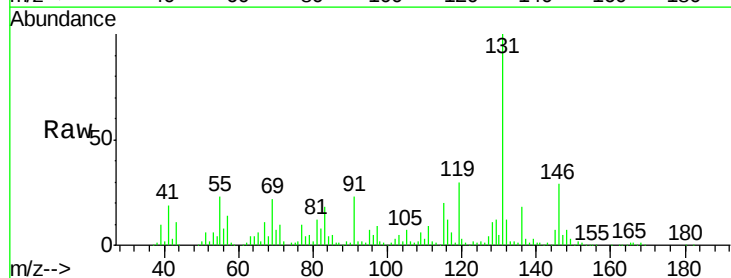
Ion Ratio Lower Upper

136 100

137 15.8 8.7 13.1#

54 19.7 4.6 6.8#

68 20.8 3.7 5.5#

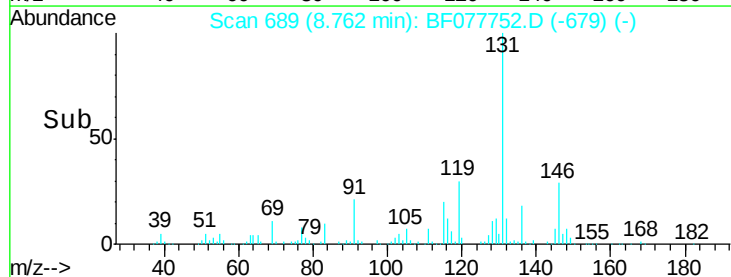
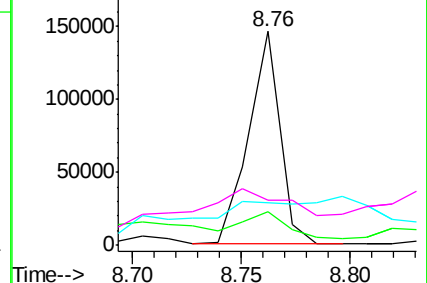


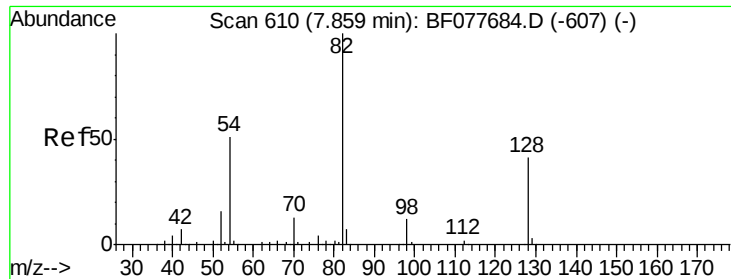
Abundance Ion 136.00 (135.70 to 136.70): E

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: 140.46 ng

RT: 7.87 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

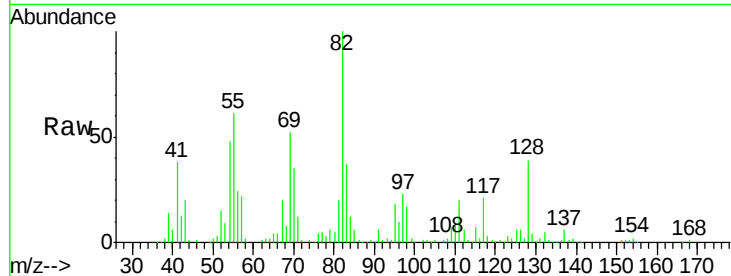
Tgt Ion: 82 Resp: 315866

Ion Ratio Lower Upper

82 100

128 38.6 32.8 49.2

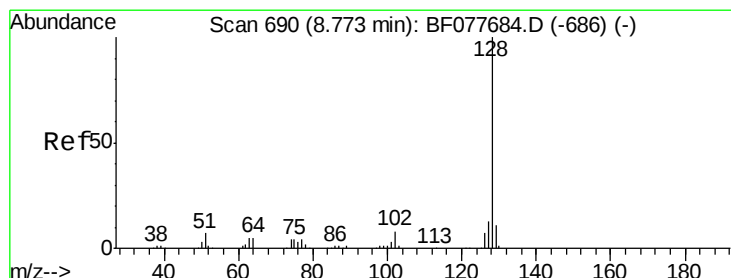
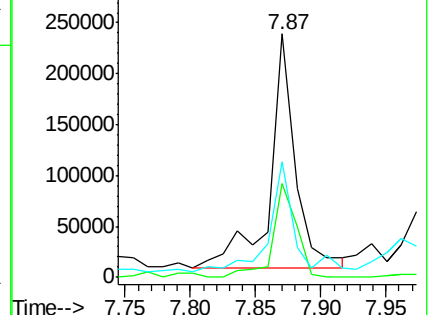
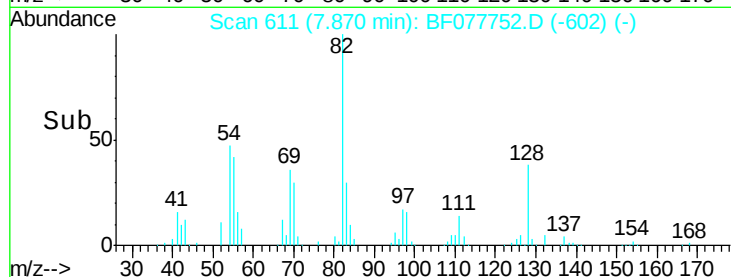
54 47.6 40.6 60.8



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



#31

Naphthalene

Concen: 96.73 ng

RT: 8.78 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

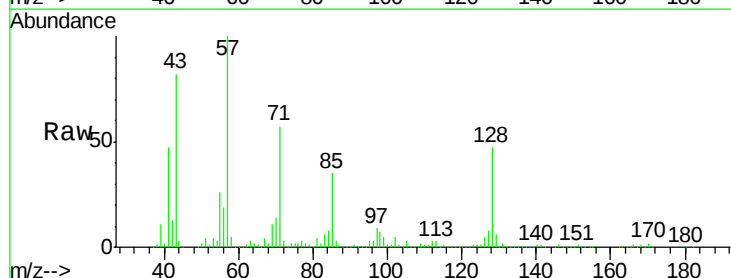
Tgt Ion: 128 Resp: 732310

Ion Ratio Lower Upper

128 100

129 12.0 8.9 13.3

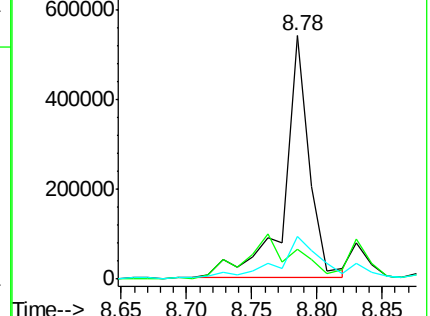
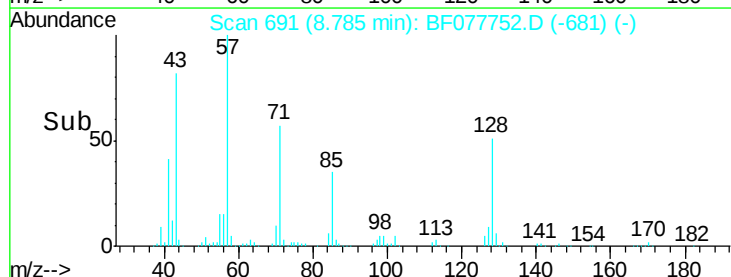
127 17.4 10.4 15.6#

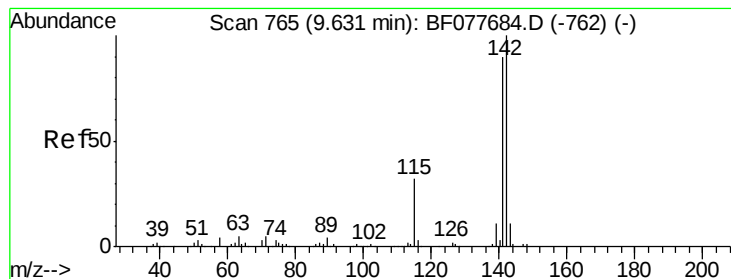


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

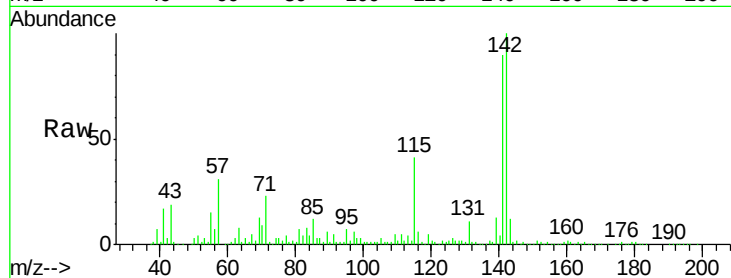




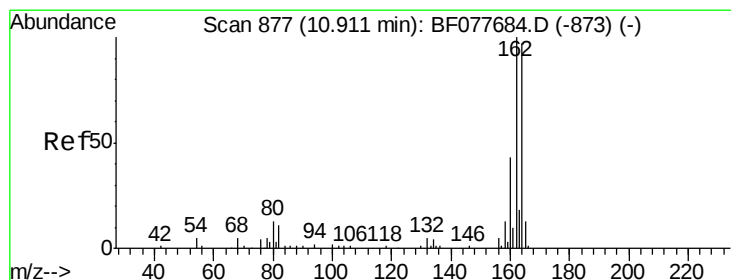
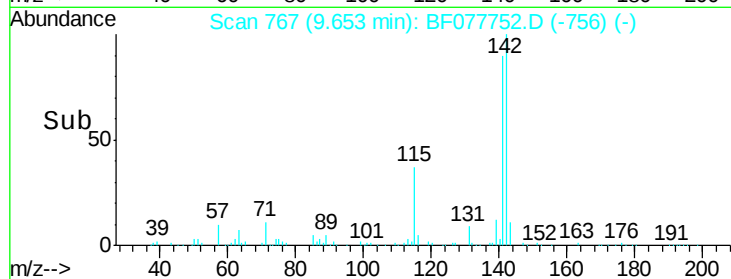
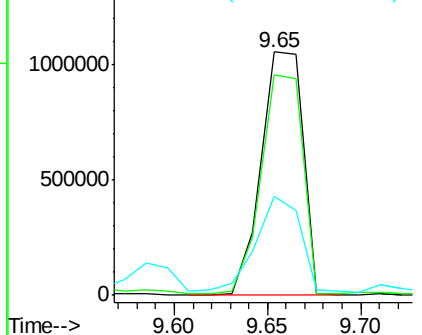
#37
 2-Methylnaphthalene
 Concen: 321.67 ng
 RT: 9.65 min Scan# 767
 Delta R.T. 0.02 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)

Tgt Ion:142 Resp: 1636037
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.9 107.9
 115 40.6 25.4 38.0#

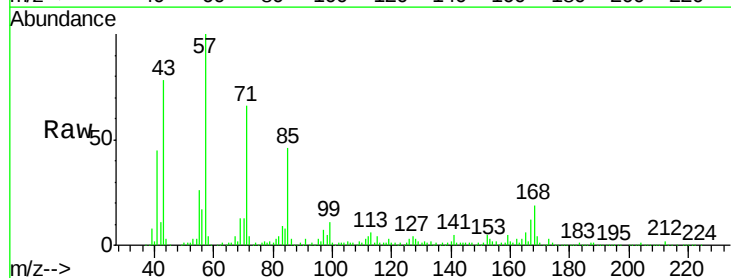


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

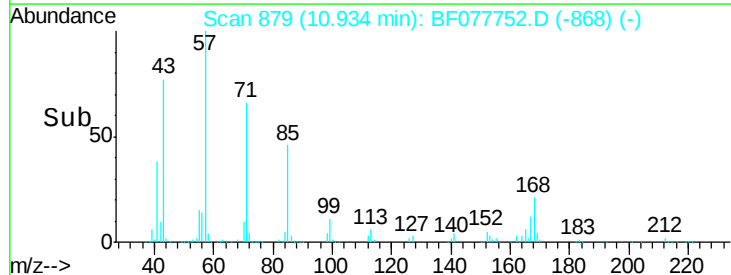
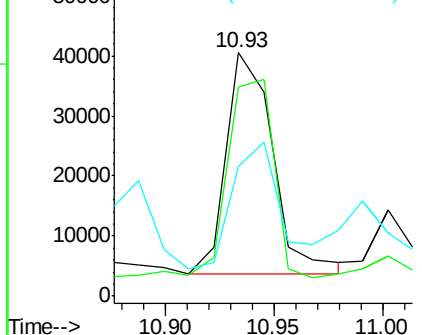


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.93 min Scan# 879
 Delta R.T. 0.02 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Tgt Ion:164 Resp: 54831
 Ion Ratio Lower Upper
 164 100
 162 86.0 82.4 123.6
 160 53.4 35.8 53.6



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

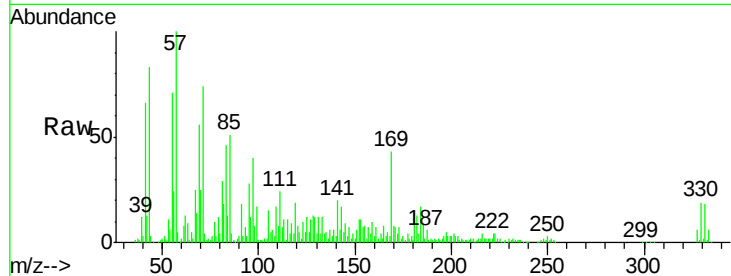




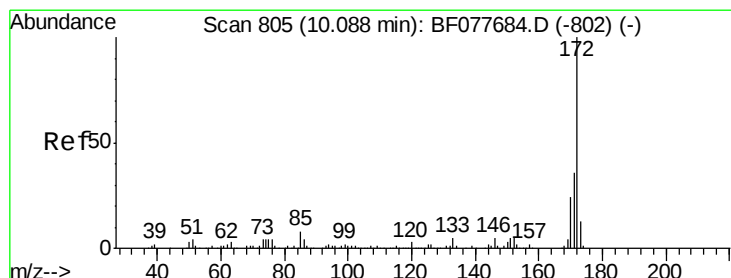
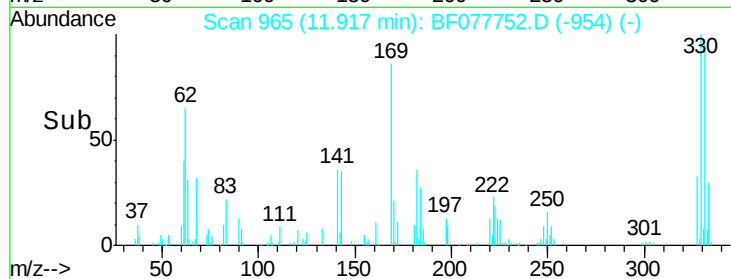
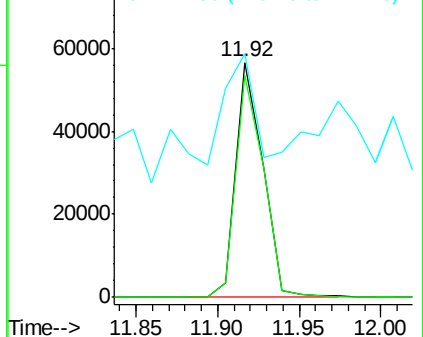
#41
 2,4,6-Tribromophenol
 Concen: 122.40 ng
 RT: 11.92 min Scan# 965
 Delta R.T. 0.02 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)

Tgt Ion:330 Resp: 64214
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 98.0 0.0 0.0#

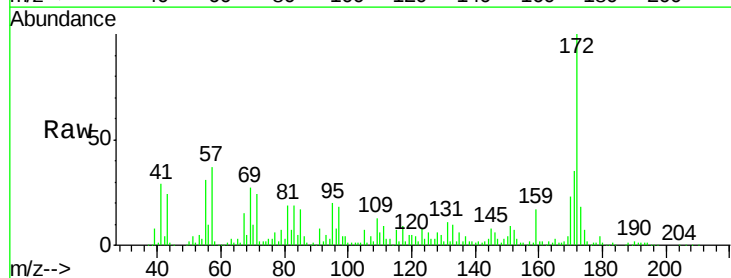


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

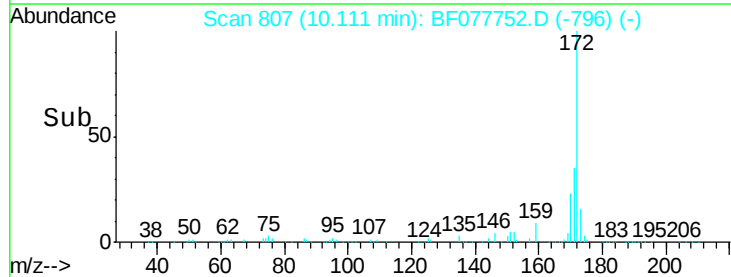
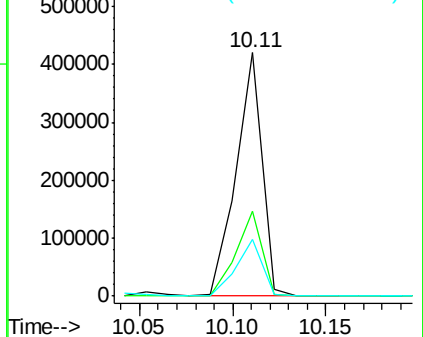


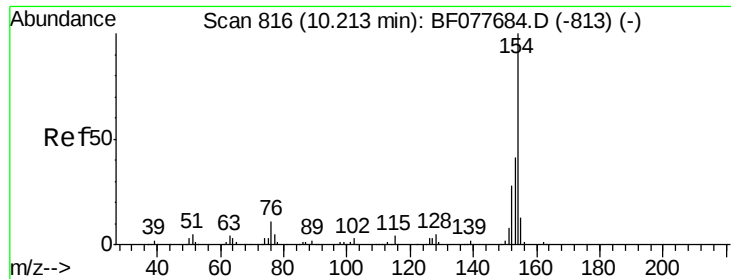
#44
 2-Fluorobiphenyl
 Concen: 109.57 ng
 RT: 10.11 min Scan# 807
 Delta R.T. 0.02 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Tgt Ion:172 Resp: 408804
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.3 18.8 28.2



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

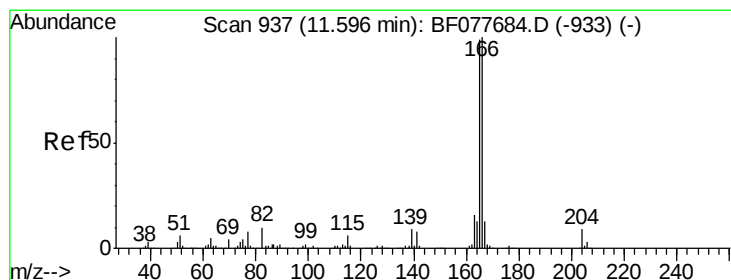
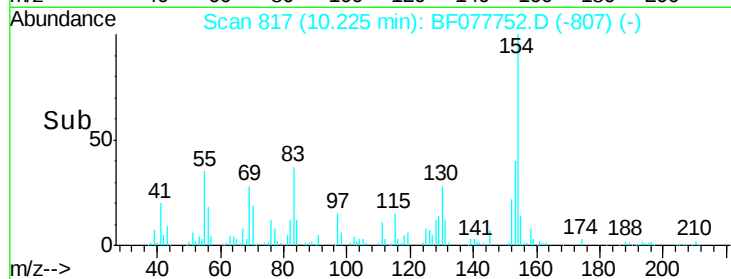
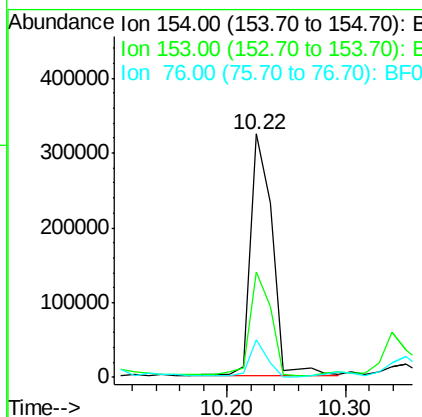
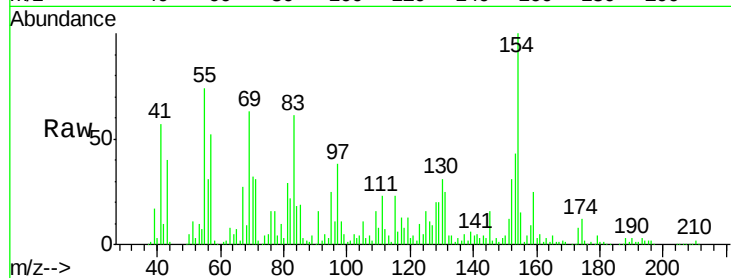




#45
 1,1'-Biphenyl
 Concen: 93.74 ng
 RT: 10.22 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

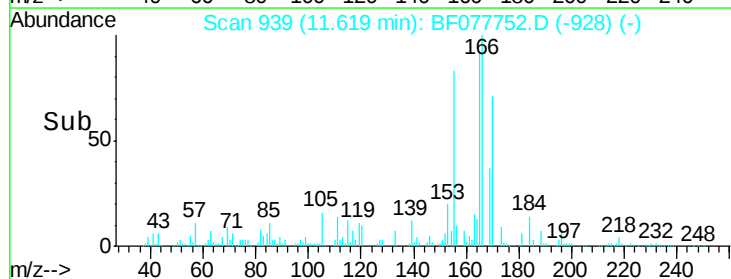
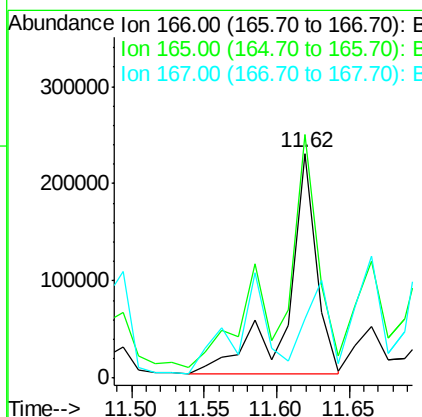
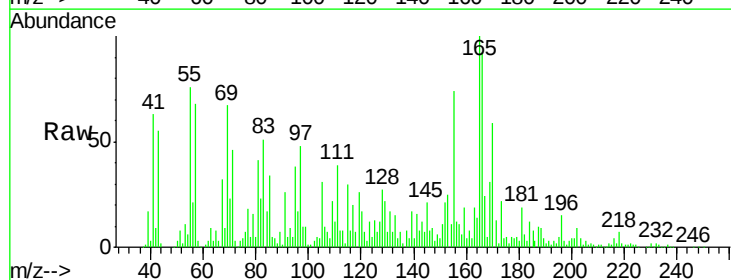
Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.0-7.5)

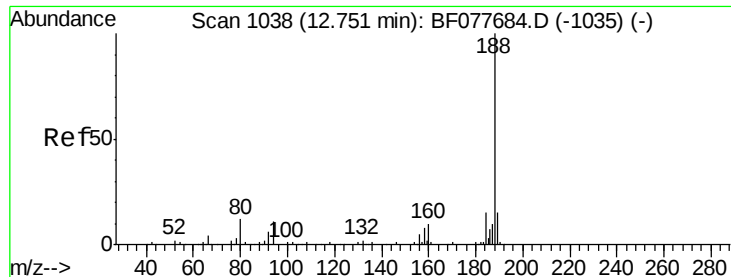
Tgt Ion:154 Resp: 410873
 Ion Ratio Lower Upper
 154 100
 153 43.1 20.7 60.7
 76 15.6 0.0 30.9



#57
 Fluorene
 Concen: 75.23 ng
 RT: 11.62 min Scan# 939
 Delta R.T. 0.02 min
 Lab File: BF077752.D
 Acq: 16 Mar 2015 14:33

Tgt Ion:166 Resp: 314655
 Ion Ratio Lower Upper
 166 100
 165 108.2 79.0 118.4
 167 26.3 10.3 15.5#

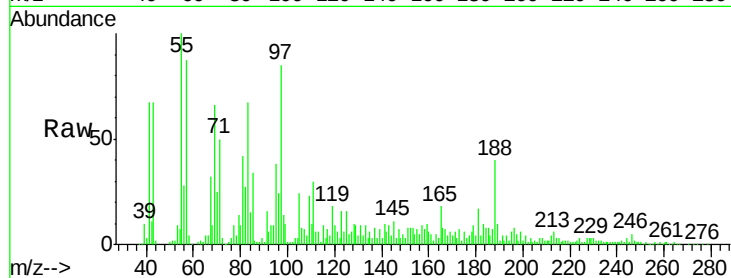




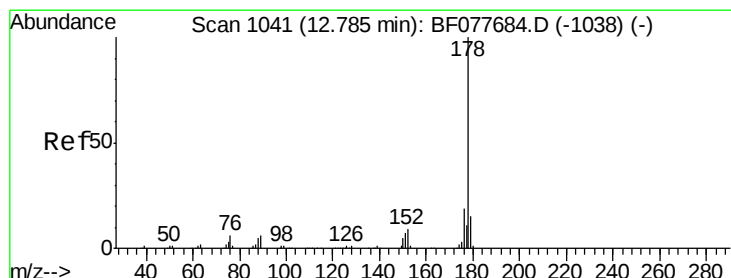
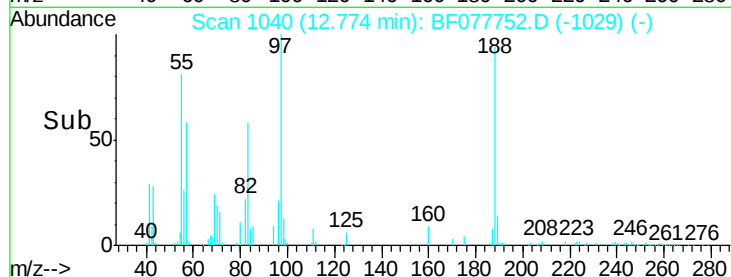
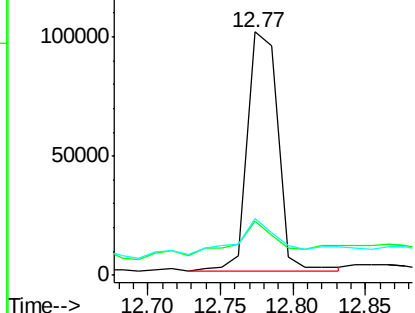
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1040
Delta R.T. 0.02 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)

Tgt Ion:188 Resp: 147434
Ion Ratio Lower Upper
188 100
94 22.2 8.7 13.1#
80 23.5 9.3 13.9#

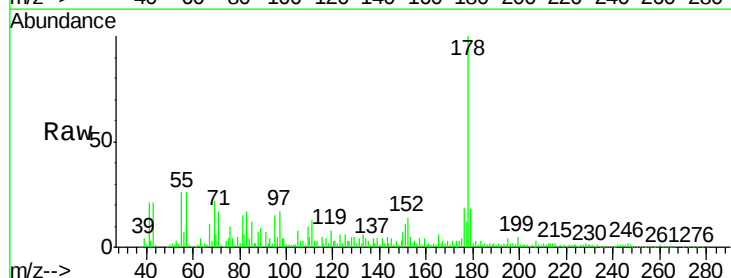


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

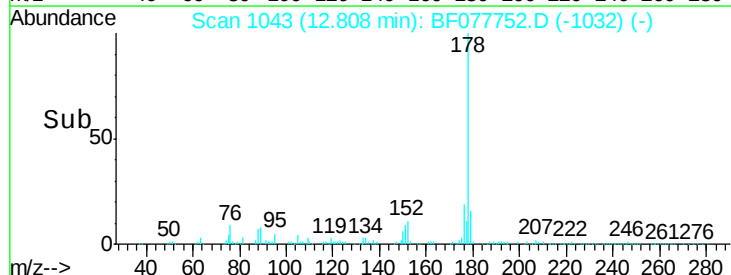
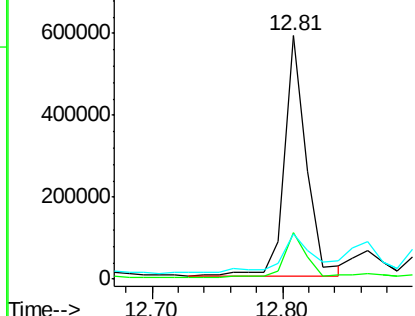


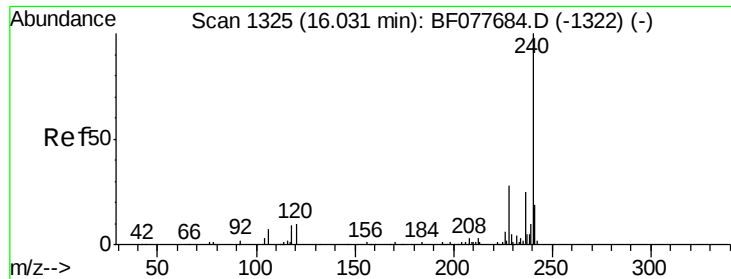
#70
Phenanthrene
Concen: 80.61 ng
RT: 12.81 min Scan# 1043
Delta R.T. 0.02 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

Tgt Ion:178 Resp: 682241
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 18.4 12.1 18.1#



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

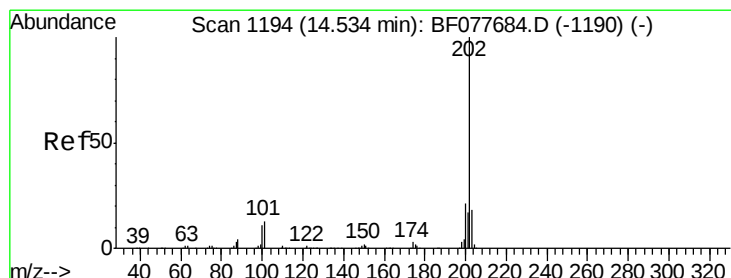
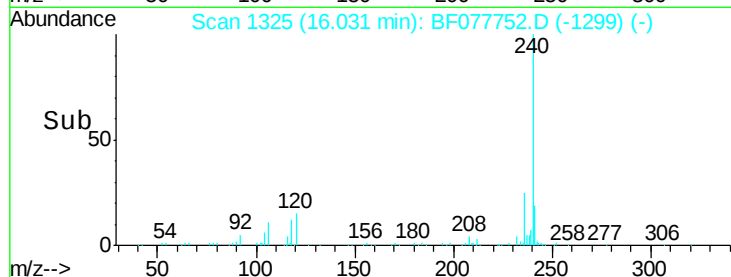
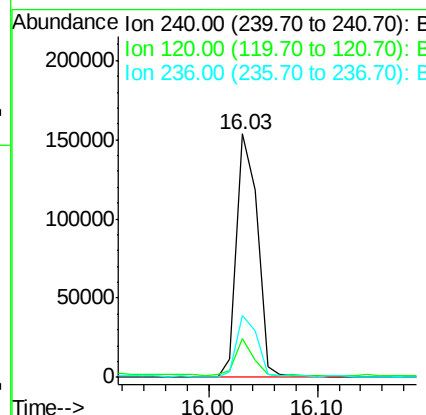
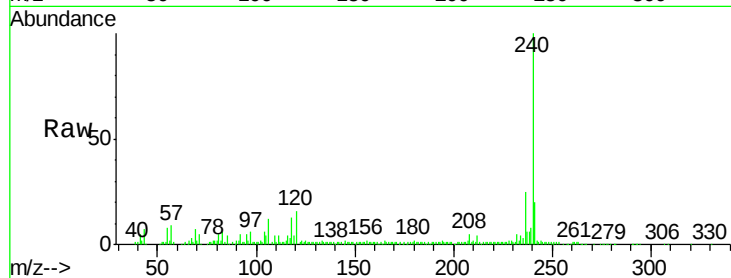




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

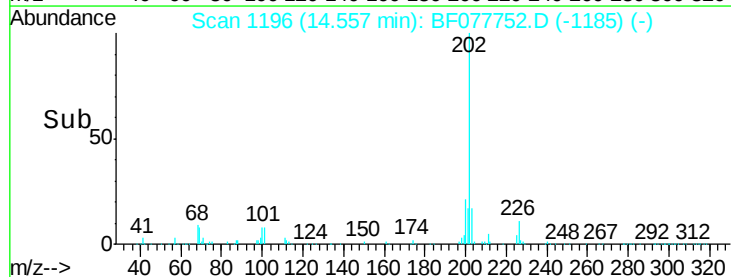
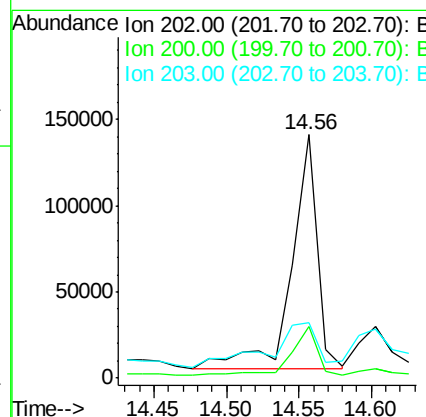
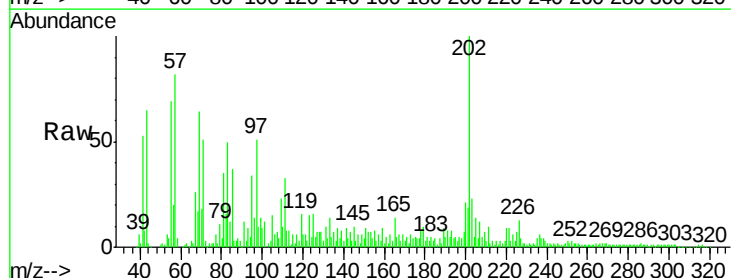
Instrument :
BNA_F
ClientSampleId :
PE-4(7.0-7.5)

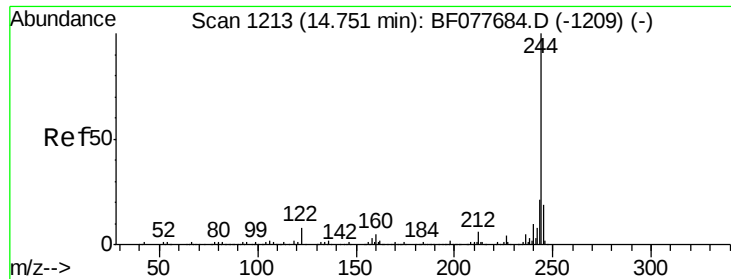
Tgt Ion:240 Resp: 203324
Ion Ratio Lower Upper
240 100
120 16.0 8.2 12.2#
236 25.3 20.0 30.0



#77
Pyrene
Concen: 13.20 ng
RT: 14.56 min Scan# 1196
Delta R.T. 0.02 min
Lab File: BF077752.D
Acq: 16 Mar 2015 14:33

Tgt Ion:202 Resp: 168736
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 22.9 14.1 21.1#





#78

Terphenyl-d14

Concen: 58.45 ng

RT: 14.76 min Scan# 1214

Delta R.T. 0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PE-4(7.0-7.5)

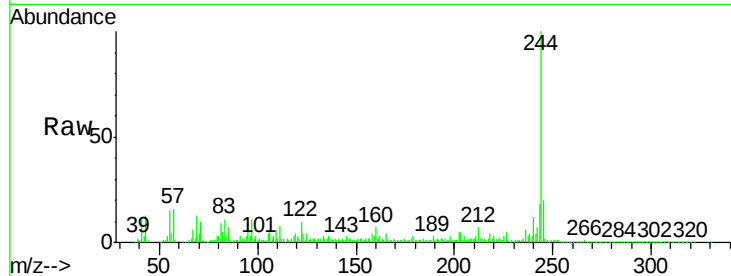
Tgt Ion:244 Resp: 486565

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

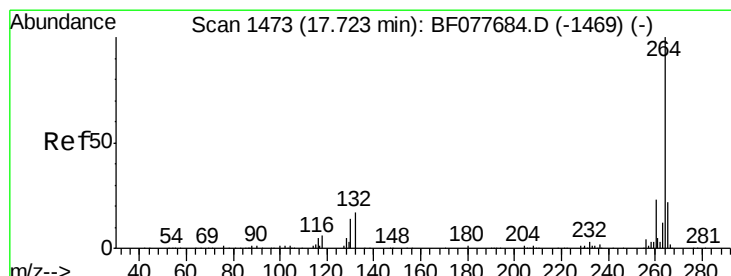
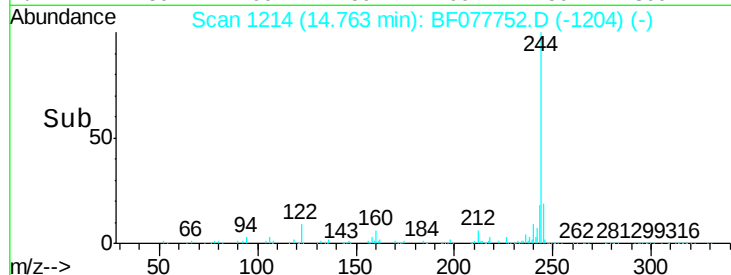
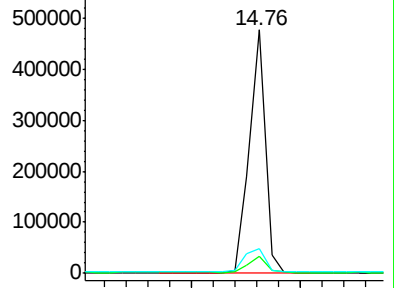
122 10.0 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.77 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BF077752.D

Acq: 16 Mar 2015 14:33

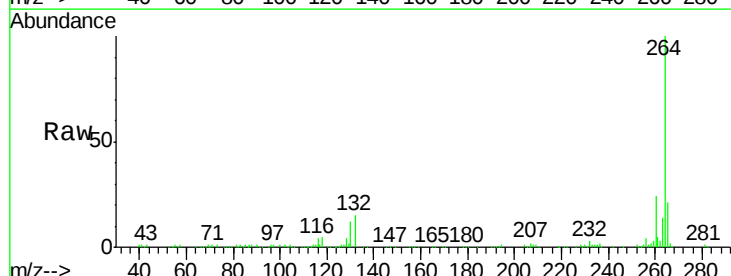
Tgt Ion:264 Resp: 204773

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 20.9 17.3 25.9



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

