

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093804.D
 Acq On : 21 Mar 2017 17:59
 Operator : SJ/MA
 Sample : I2331-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-002-A

Quant Time: Mar 22 00:54:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

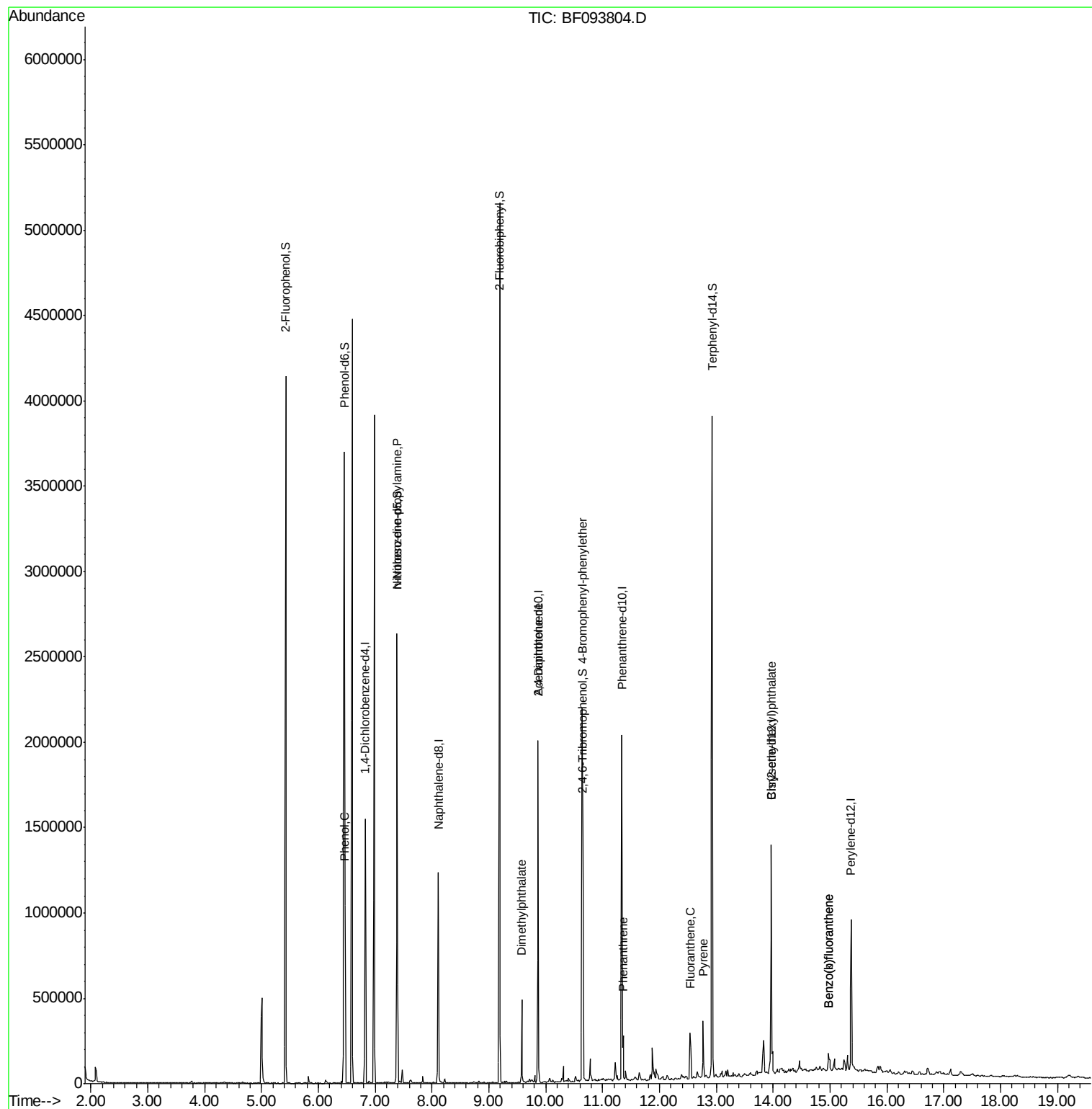
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	216910	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	880567	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	422025	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	679654	20.00	ng	0.00
75) Chrysene-d12	13.97	240	439956	20.00	ng	0.00
86) Perylene-d12	15.37	264	371817	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1314696	105.99	ng	0.01
7) Phenol-d6	6.46	99	1551136	101.20	ng	0.00
23) Nitrobenzene-d5	7.38	82	955698	61.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	347035	106.17	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1697623	67.64	ng	0.00
78) Terphenyl-d14	12.93	244	1276420	59.15	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.47	94	96307	5.59	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	126198	12.57	ng	# 78
49) Dimethylphthalate	9.58	163	178568	5.95	ng	100
56) 2,4-Dinitrotoluene	9.86	165	54375	6.50	ng	# 33
66) 4-Bromophenyl-phenylether	10.64	248	23220	3.55	ng	# 1
70) Phenanthrene	11.36	178	88984	2.46	ng	96
74) Fluoranthene	12.54	202	132331	3.56	ng	92
77) Pyrene	12.77	202	125145	3.42	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	75437	3.83	ng	99
87) Benzo(b)fluoranthene	14.97	252	74150	2.96	ng	98
88) Benzo(k)fluoranthene	14.97	252	74150	4.01	ng	98

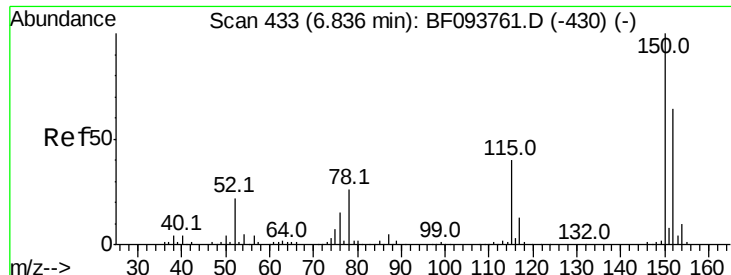
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093804.D
Acq On : 21 Mar 2017 17:59
Operator : SJ/MA
Sample : I2331-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-002-A

Quant Time: Mar 22 00:54:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration



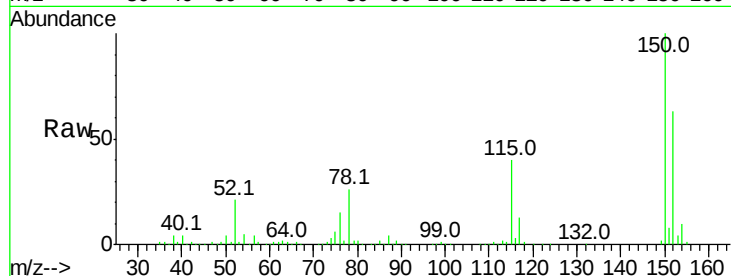


#1

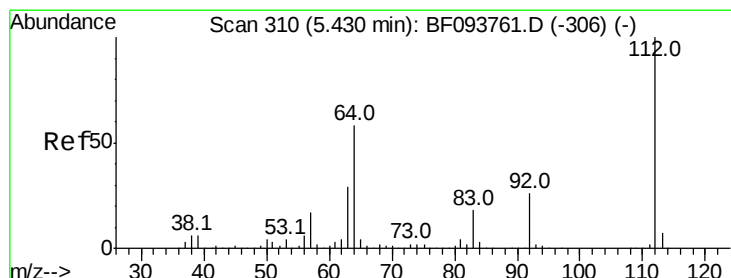
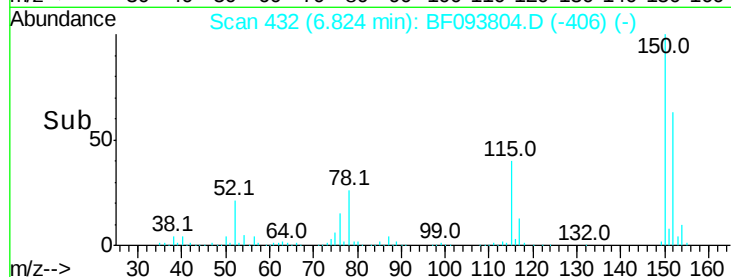
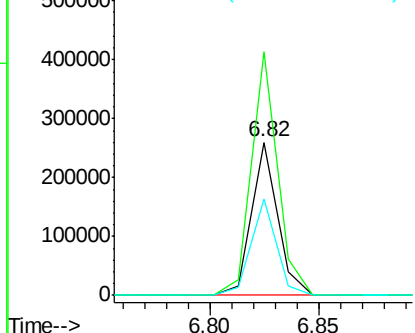
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093804.D
Acq: 21 Mar 2017 17:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-002-A

Tot Ion:152 Resp: 216910
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 63.1 52.2 78.2



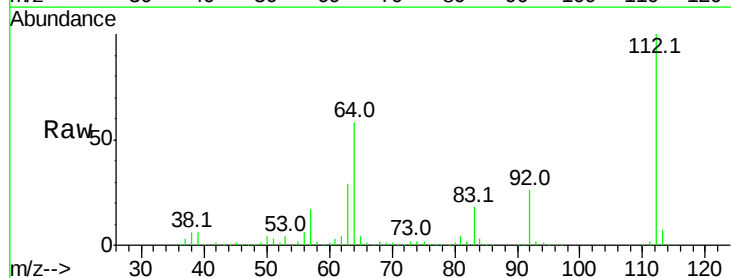
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



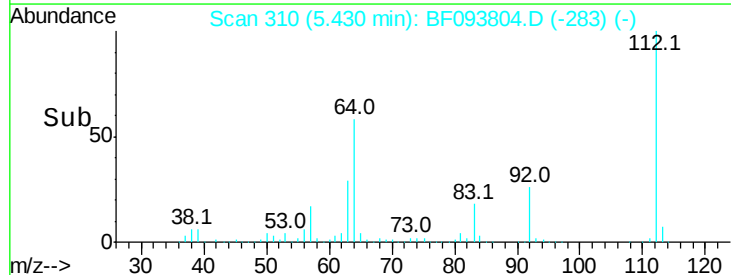
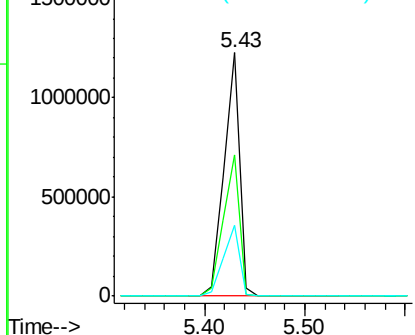
#5

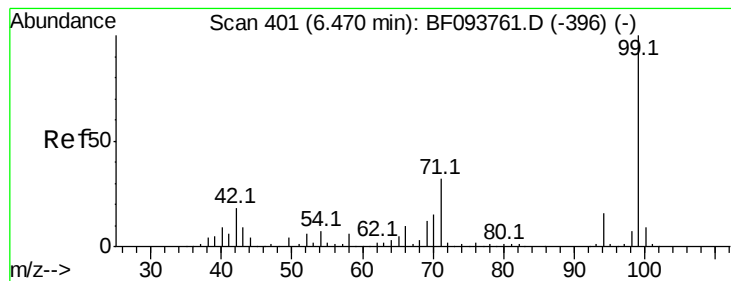
2-Fluorophenol
Concen: 105.99 ng
RT: 5.43 min Scan# 310
Delta R.T. 0.01 min
Lab File: BF093804.D
Acq: 21 Mar 2017 17:59

Tgt Ion:112 Resp: 1314696
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.1 23.4 35.0



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: 101.20 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093804.D

Acq: 21 Mar 2017 17:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-002-A

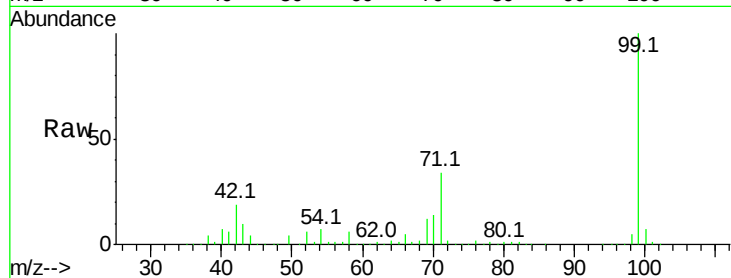
Tot Ion: 99 Resp: 1551136

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

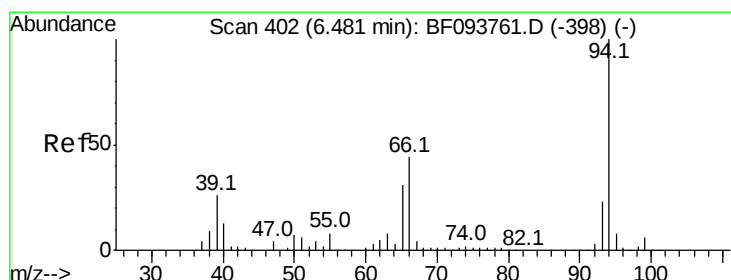
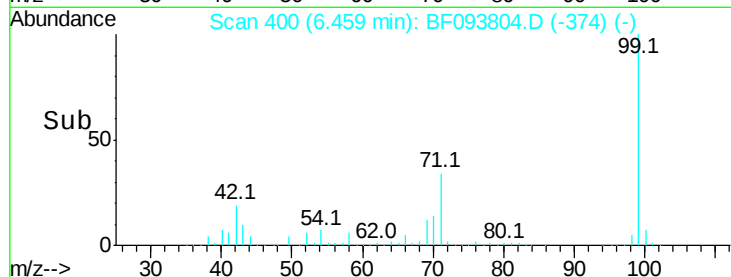
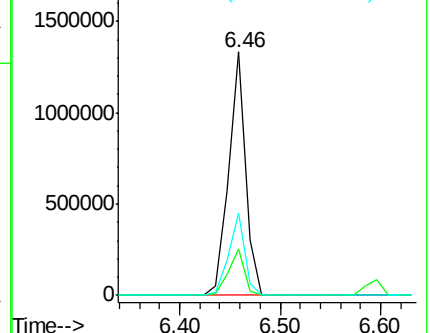
71 33.7 24.5 36.7



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



#10

Phenol

Concen: 5.59 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093804.D

Acq: 21 Mar 2017 17:59

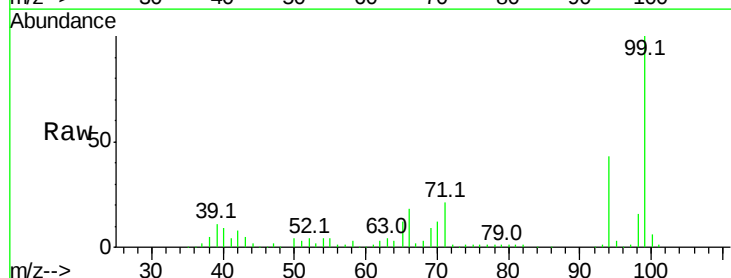
Tgt Ion: 94 Resp: 96307

Ion Ratio Lower Upper

94 100

65 28.5 9.9 49.9

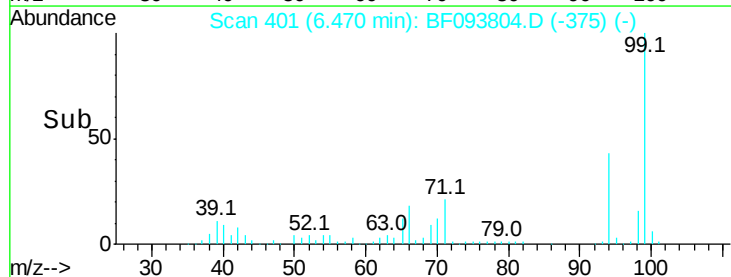
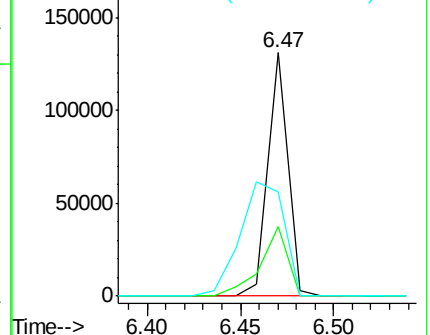
66 42.7 23.1 63.1

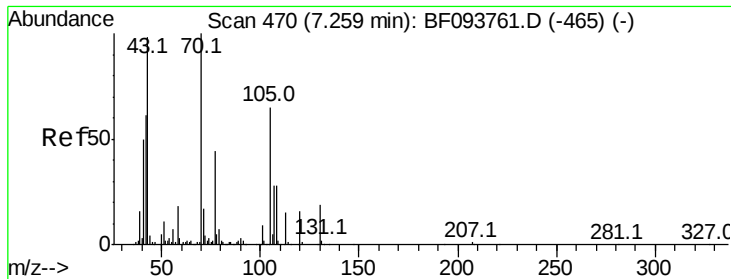


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

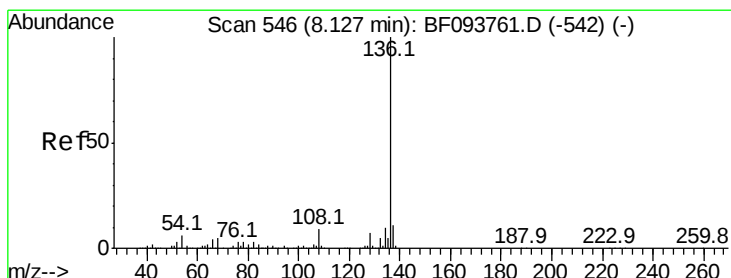
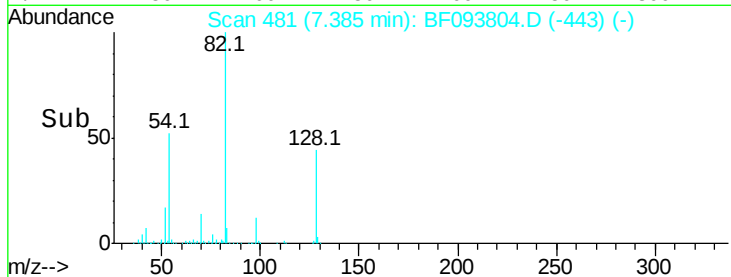
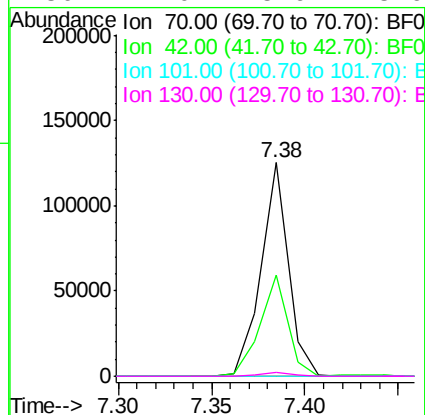
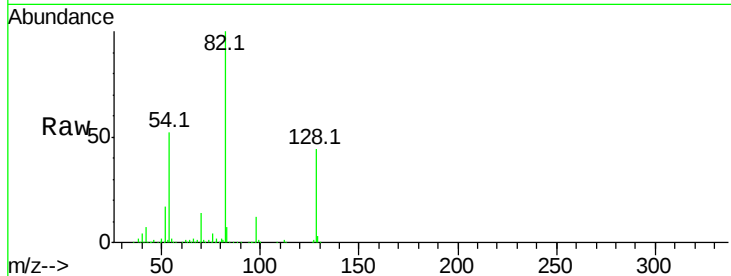




#19
n-Nitroso-di-n-propylamine
Concen: 12.57 ng
RT: 7.38 min Scan# 481
Delta R.T. 0.14 min
Lab File: BF093804.D
Acq: 21 Mar 2017 17:59

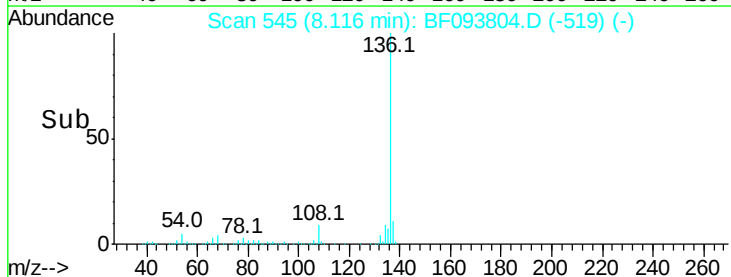
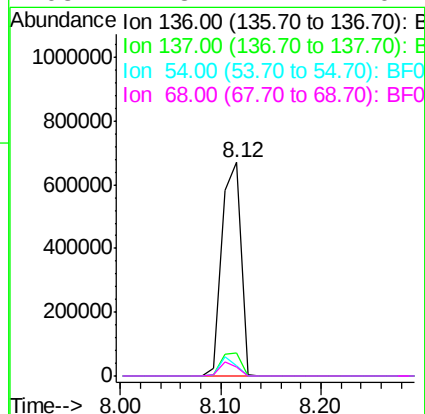
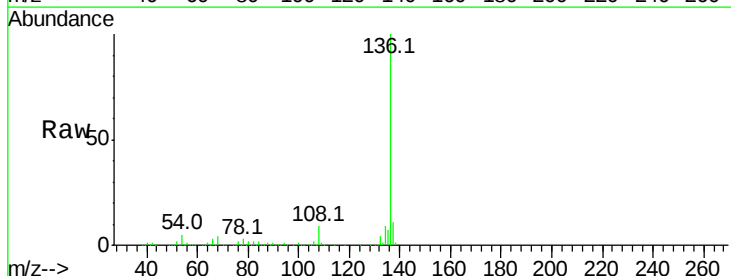
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-002-A

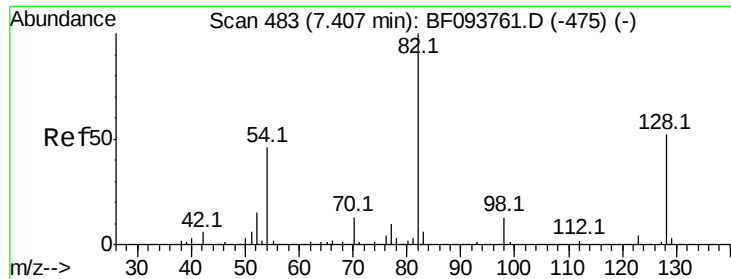
Tot Ion:	70	Resp:	126198
Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093804.D
Acq: 21 Mar 2017 17:59

Tgt Ion:	136	Resp:	880567
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	4.9	4.9	7.3
68	4.3	4.1	6.1

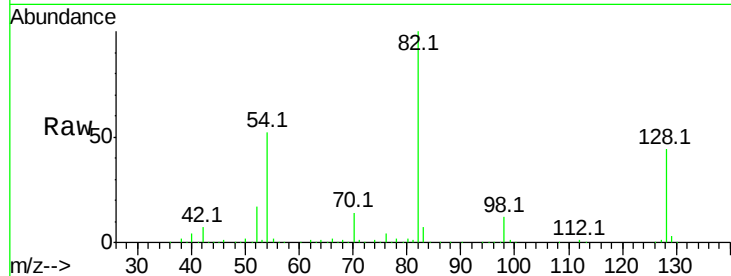




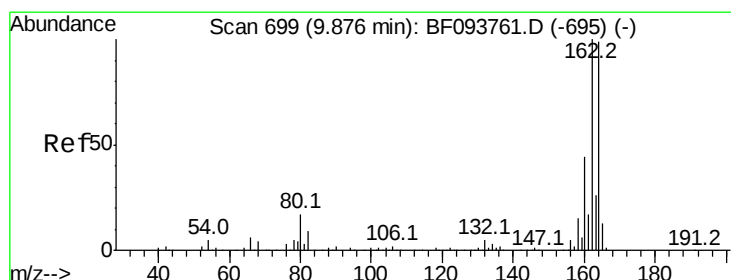
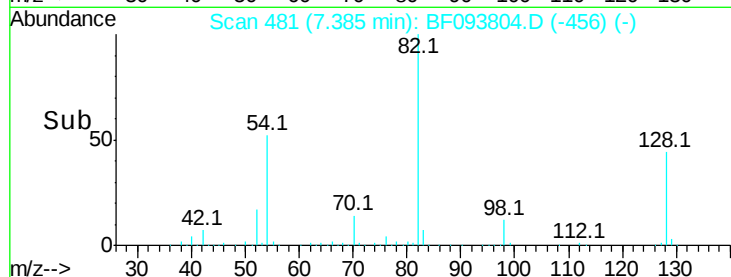
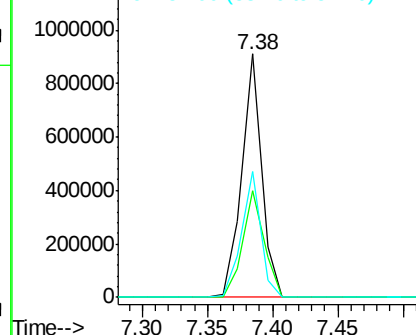
#23
Nitrobenzene-d5
Concen: 61.57 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF093804.D
Acq: 21 Mar 2017 17:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-002-A

Tot Ion: 82 Resp: 955698
Ion Ratio Lower Upper
82 100
128 43.7 34.0 51.0
54 51.9 42.2 63.2

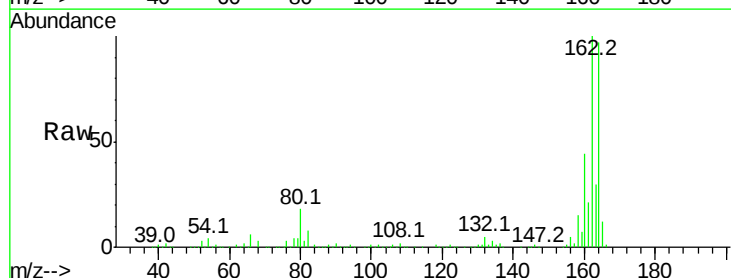


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

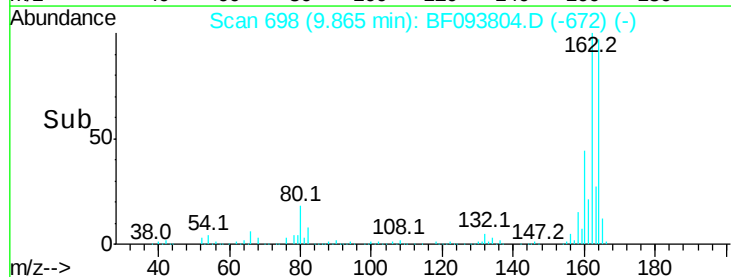
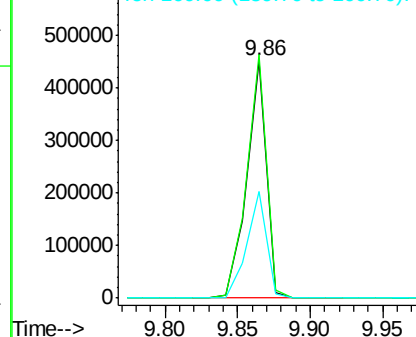


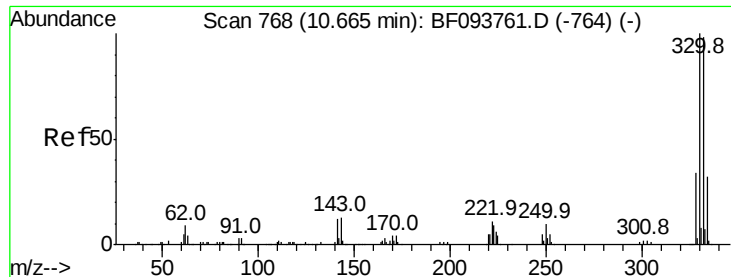
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093804.D
Acq: 21 Mar 2017 17:59

Tgt Ion:164 Resp: 422025
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 45.0 36.2 54.2



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

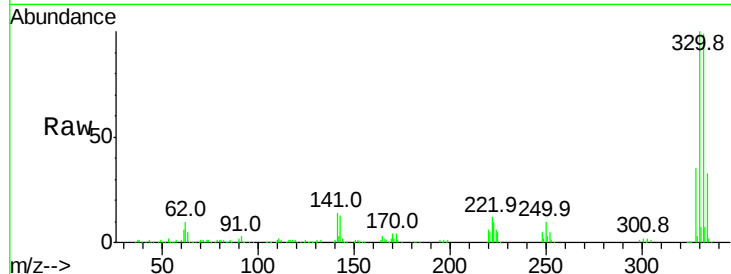




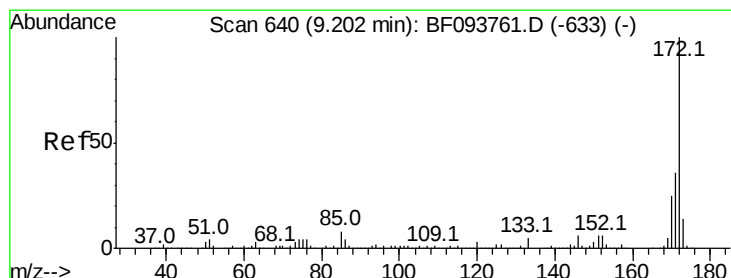
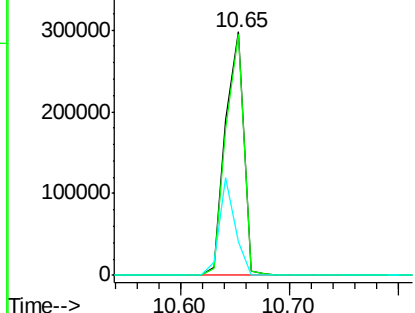
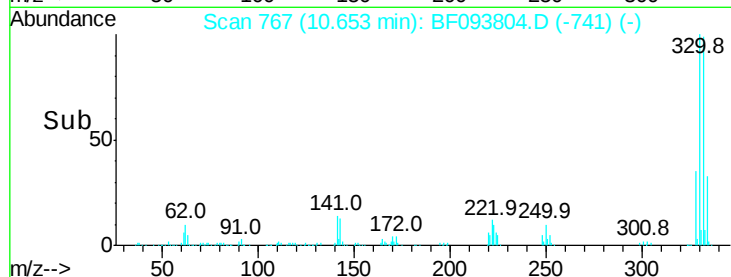
#41
 2,4,6-Tribromophenol
 Concen: 106.17 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093804.D
 Acq: 21 Mar 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-002-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	35.3	31.4	47.2

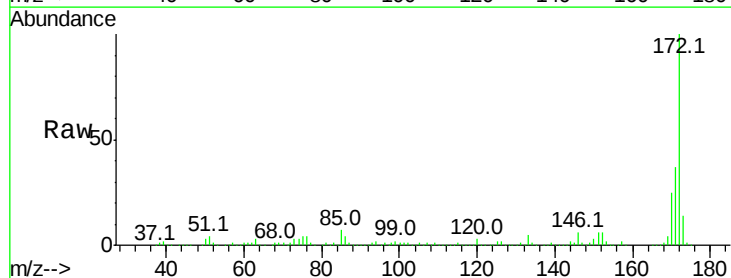


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

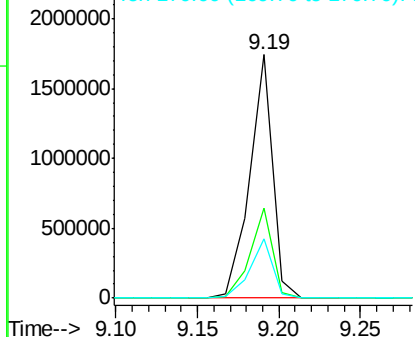
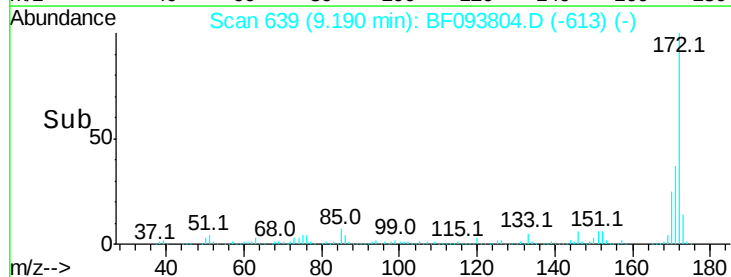


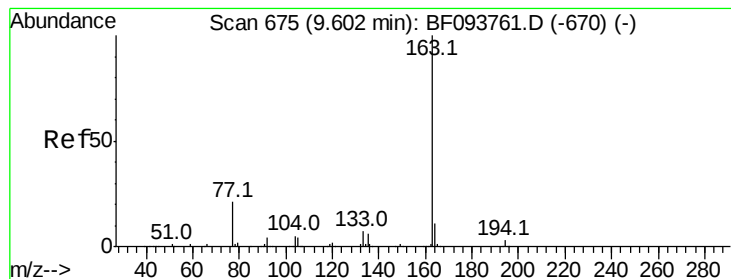
#44
 2-Fluorobiphenyl
 Concen: 67.64 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093804.D
 Acq: 21 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.6	19.8	29.8



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: 5.95 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF093804.D

Acq: 21 Mar 2017 17:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-002-A

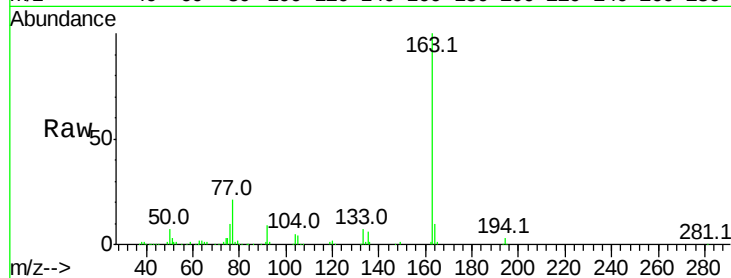
Tot Ion:163 Resp: 178568

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

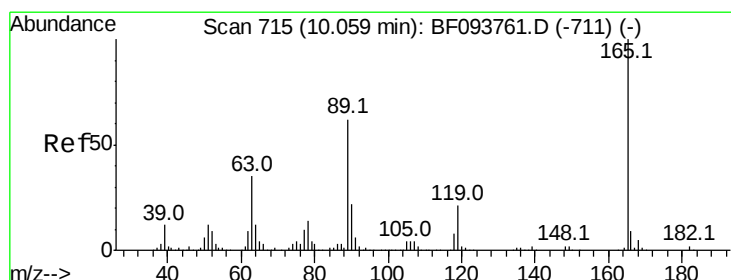
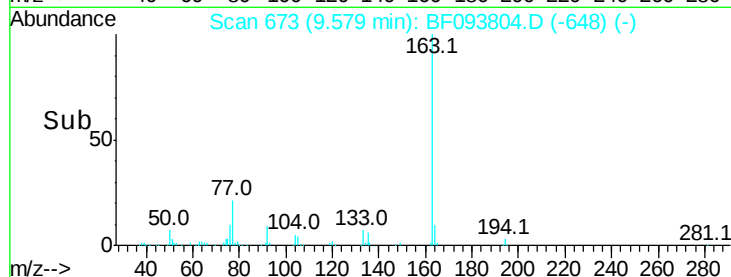
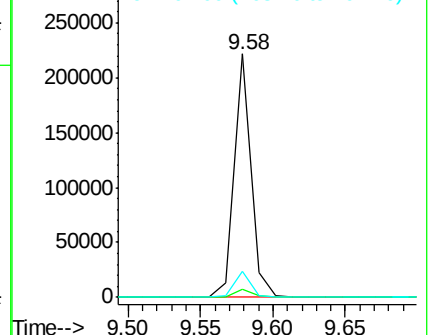
164 10.5 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.50 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.18 min

Lab File: BF093804.D

Acq: 21 Mar 2017 17:59

Tgt Ion:165 Resp: 54375

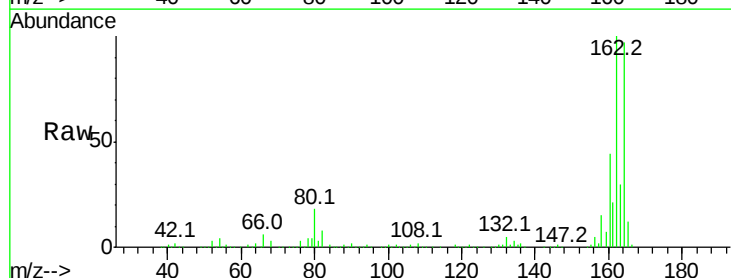
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

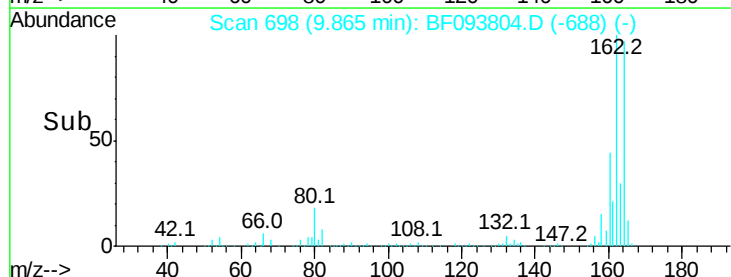
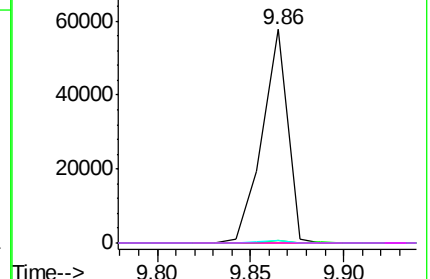


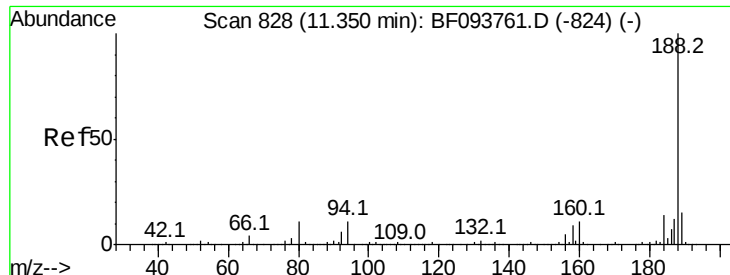
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

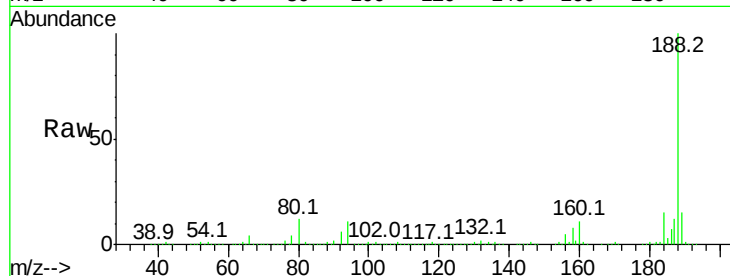




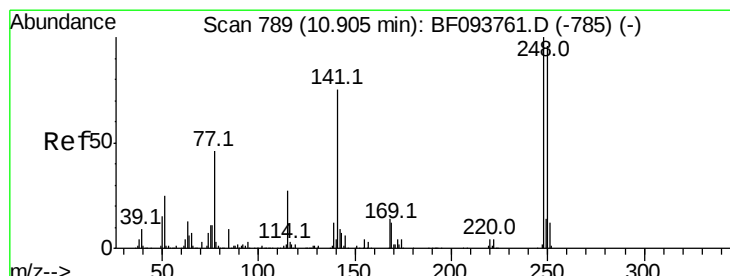
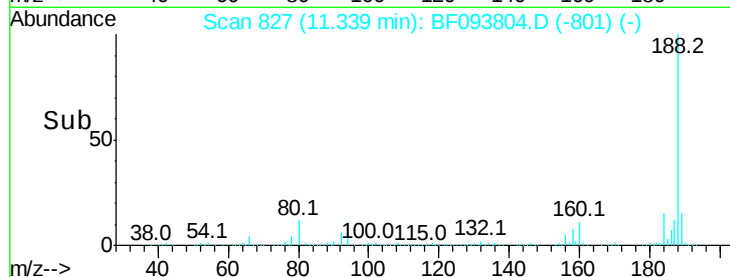
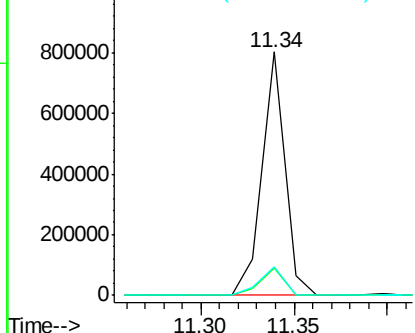
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF093804.D
 Acq: 21 Mar 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-002-A

Tot Ion:188 Resp: 679654
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.7 10.2 15.2

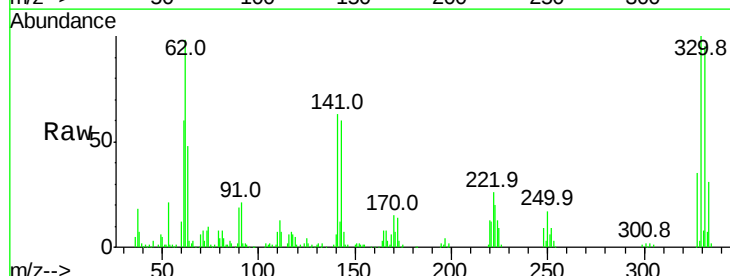


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

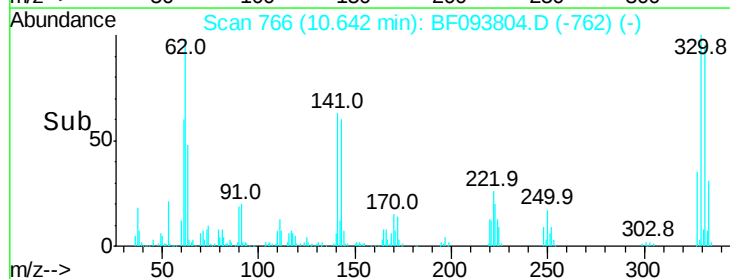
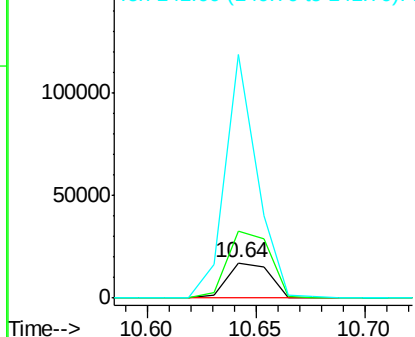


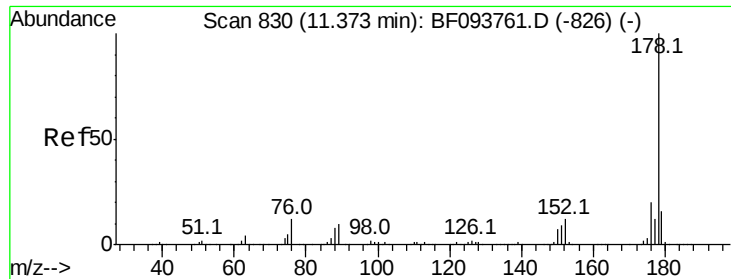
#66
 4-Bromophenyl-phenylether
 Concen: 3.55 ng
 RT: 10.64 min Scan# 766
 Delta R.T. -0.25 min
 Lab File: BF093804.D
 Acq: 21 Mar 2017 17:59

Tgt Ion:248 Resp: 23220
 Ion Ratio Lower Upper
 248 100
 250 191.2 76.8 115.2#
 141 688.9 68.6 103.0#



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: 2.46 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF093804.D

Acq: 21 Mar 2017 17:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-002-A

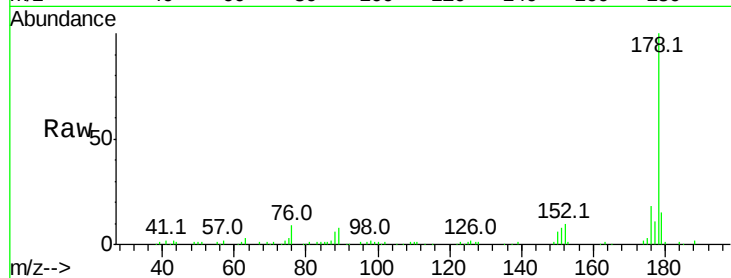
Tot Ion:178 Resp: 88984

Ion Ratio Lower Upper

178 100

176 18.1 16.2 24.4

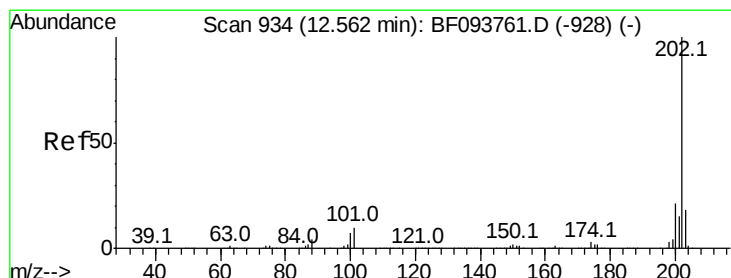
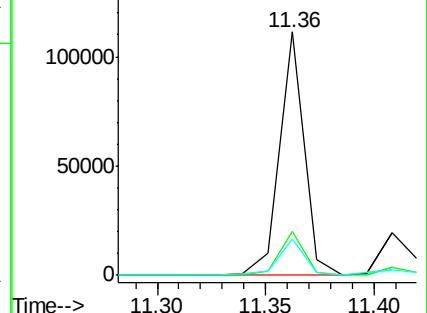
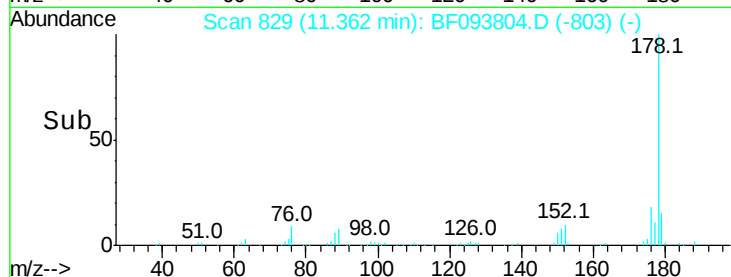
179 14.9 12.6 19.0



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



#74

Fluoranthene

Concen: 3.56 ng

RT: 12.54 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF093804.D

Acq: 21 Mar 2017 17:59

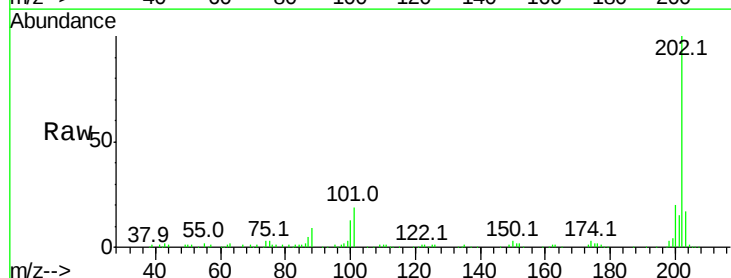
Tgt Ion:202 Resp: 132331

Ion Ratio Lower Upper

202 100

101 19.2 0.0 33.2

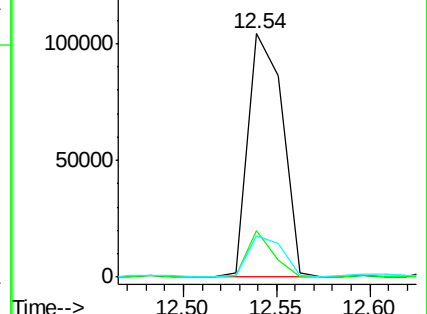
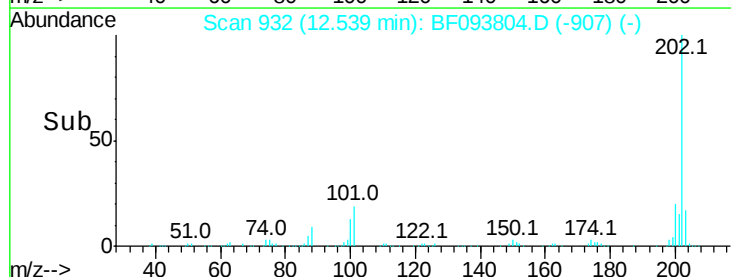
203 17.0 0.0 38.1

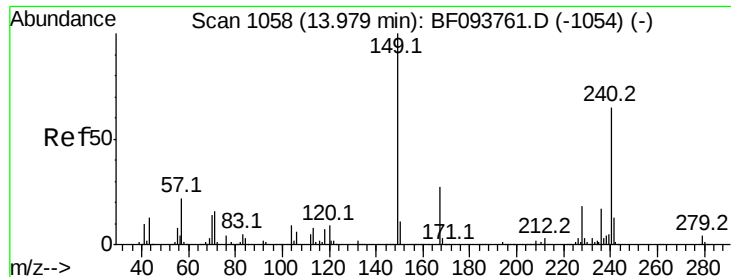


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093804.D

Acq: 21 Mar 2017 17:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-002-A

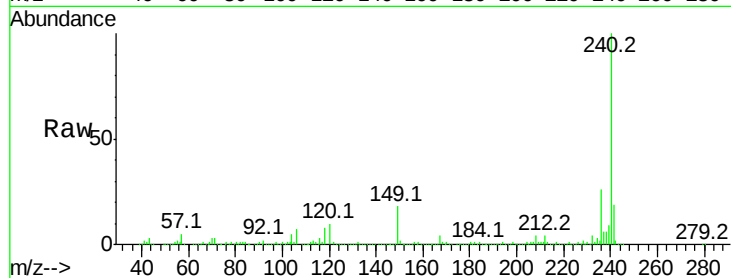
Tot Ion:240 Resp: 439956

Ion Ratio Lower Upper

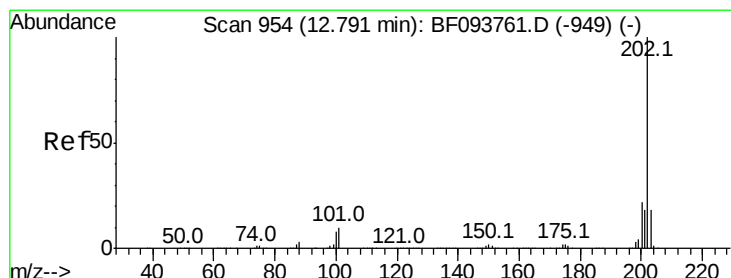
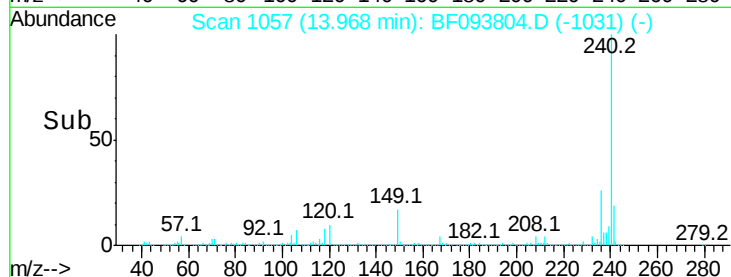
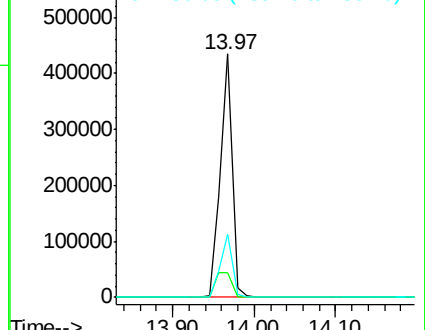
240 100

120 10.3 5.8 8.8#

236 25.7 20.5 30.7



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: 3.42 ng

RT: 12.77 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093804.D

Acq: 21 Mar 2017 17:59

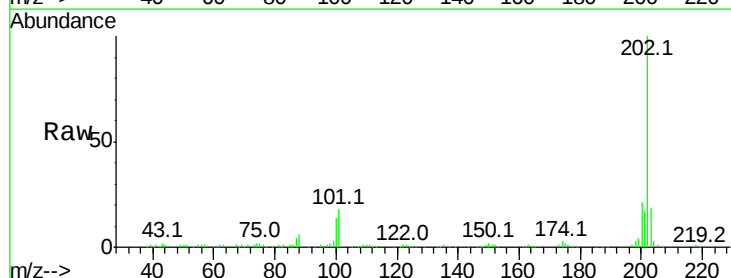
Tgt Ion:202 Resp: 125145

Ion Ratio Lower Upper

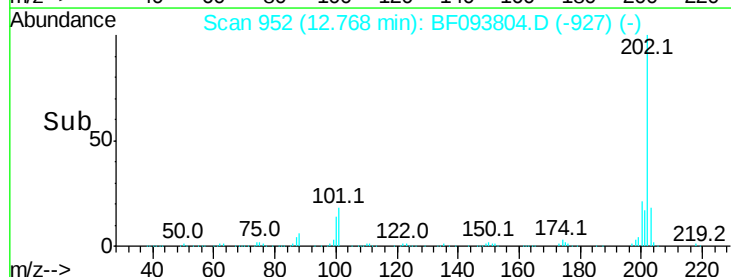
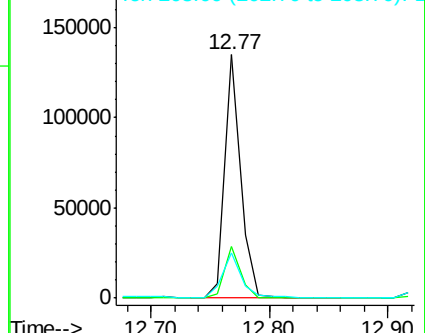
202 100

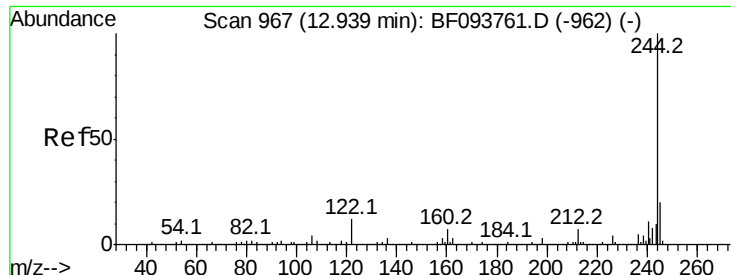
200 21.4 17.6 26.4

203 18.7 14.4 21.6



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: 59.15 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093804.D

Acq: 21 Mar 2017 17:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-002-A

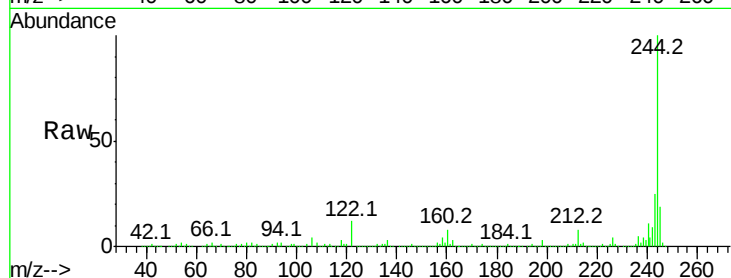
Tot Ion:244 Resp: 1276420

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

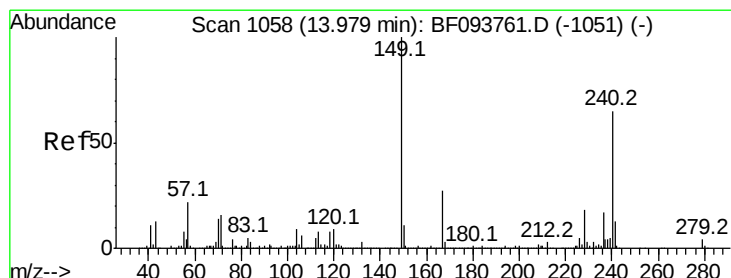
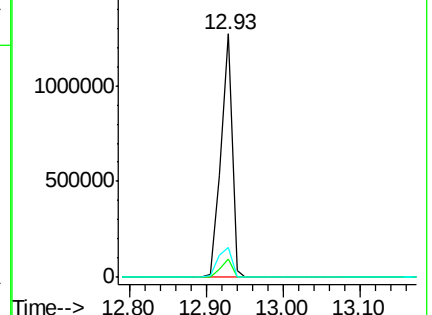
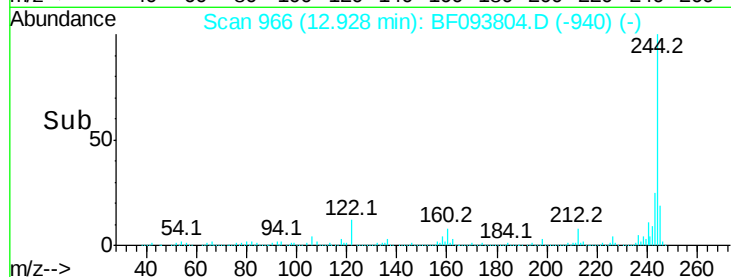
122 12.2 10.3 15.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.83 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093804.D

Acq: 21 Mar 2017 17:59

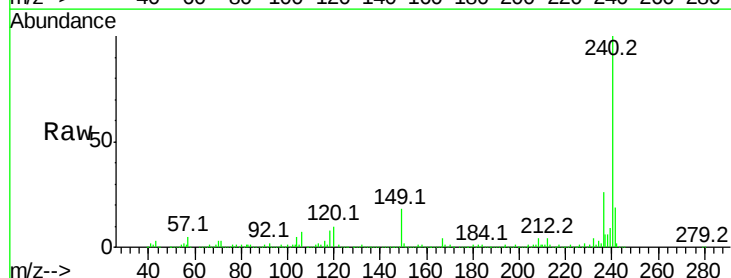
Tgt Ion:149 Resp: 75437

Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.4

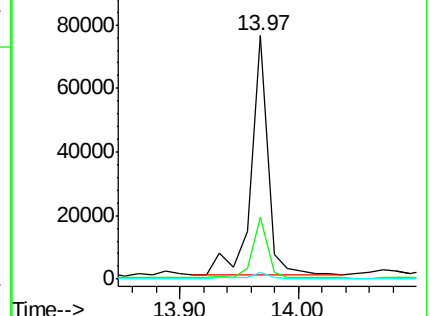
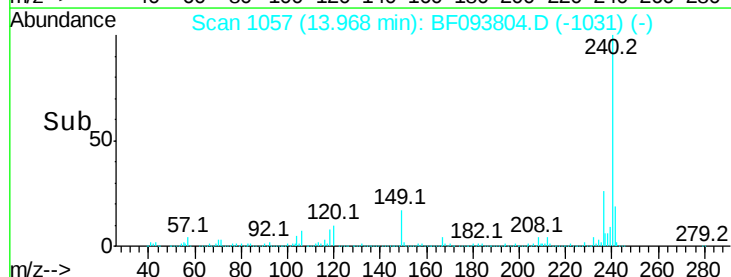
279 2.7 1.9 2.9

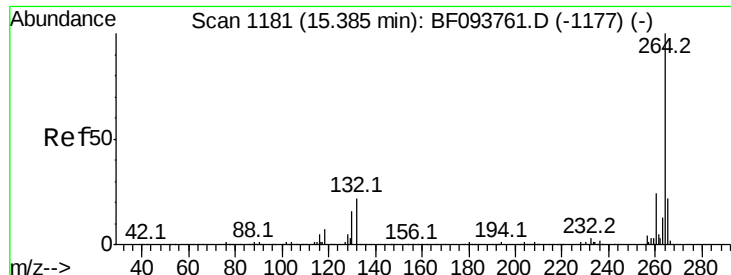


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

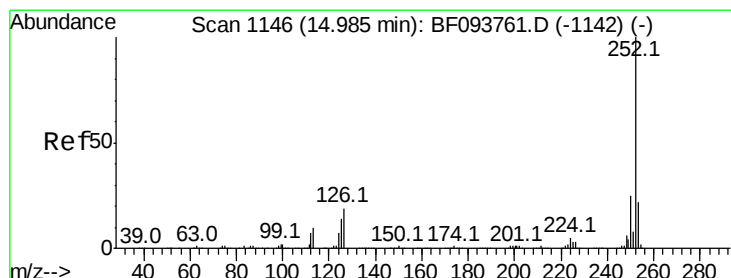
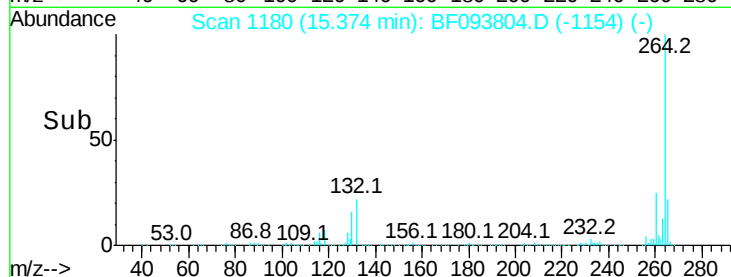
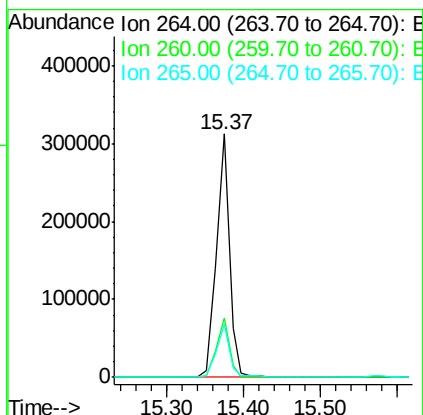
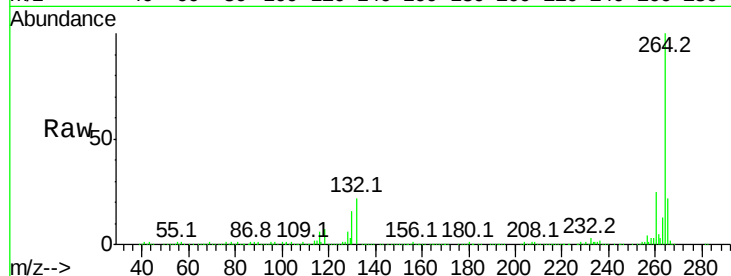




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093804.D
Acq: 21 Mar 2017 17:59

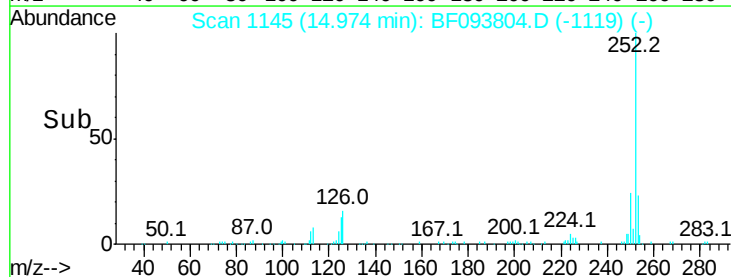
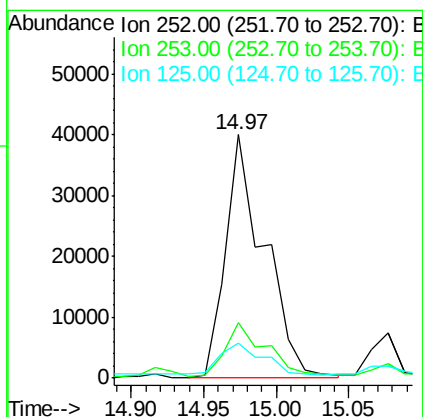
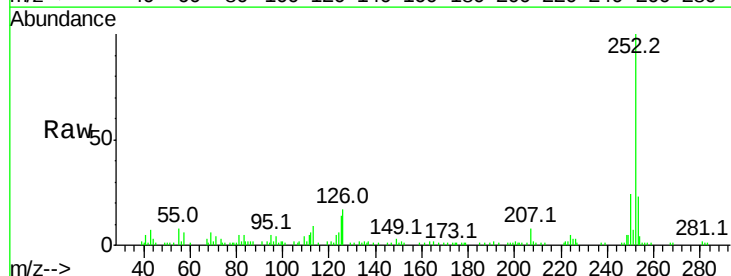
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-002-A

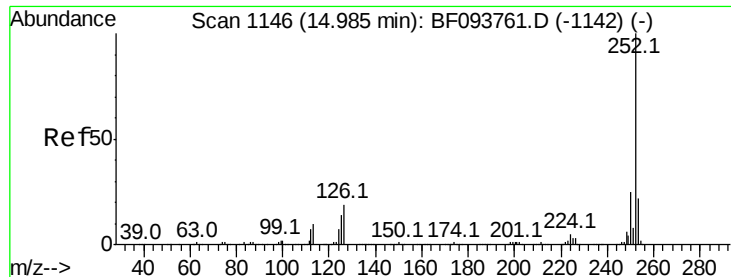
Tot Ion:264 Resp: 371817
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 21.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.96 ng
RT: 14.97 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF093804.D
Acq: 21 Mar 2017 17:59

Tgt Ion:252 Resp: 74150
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 14.4 9.8 14.8





#88

Benzo(k)fluoranthene

Concen: 4.01 ng

RT: 14.97 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF093804.D

Acq: 21 Mar 2017 17:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-002-A

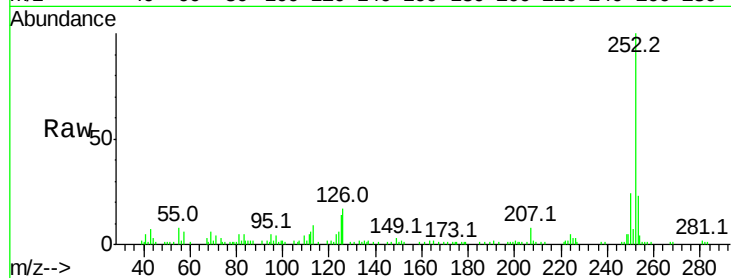
Tot Ion:252 Resp: 74150

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

125 14.4 13.1 19.7



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

