

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 02:24:54 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

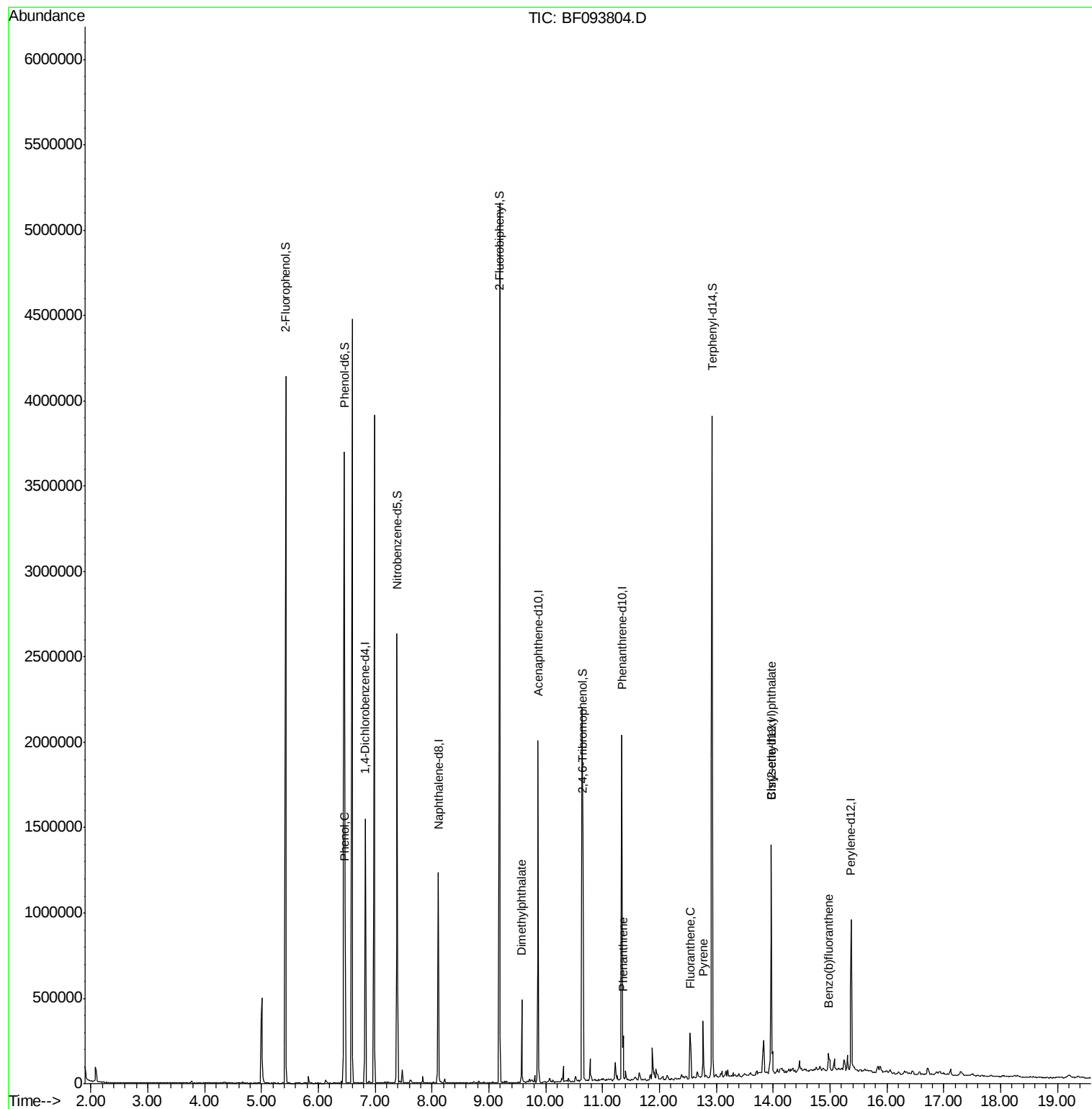
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	216910	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	880567	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	422025	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	679654	20.00	ng	0.00
75) Chrysene-d12	13.97	240	439956	20.00	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
49) Dimethylphthalate	9.58	163	178568	5.95	ng	100
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	53195m	2.12	ng	

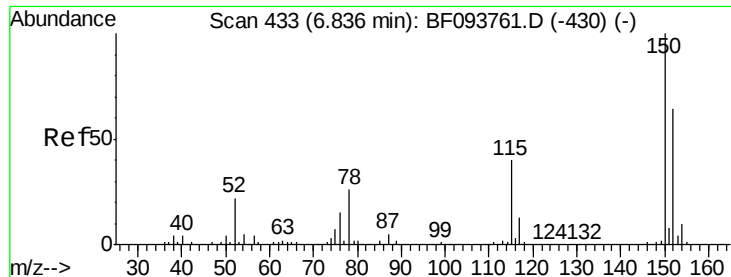
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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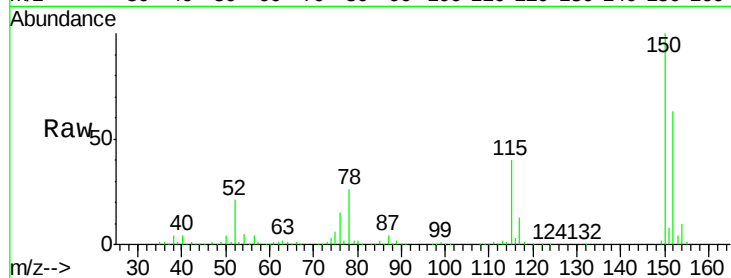


#1

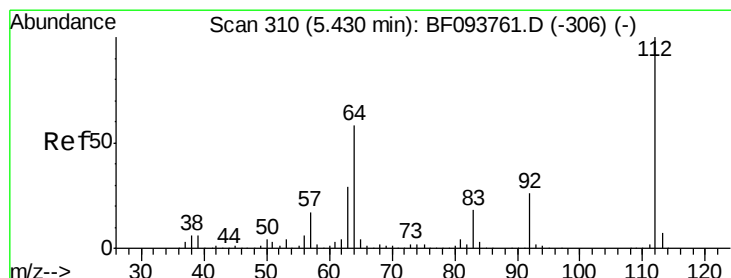
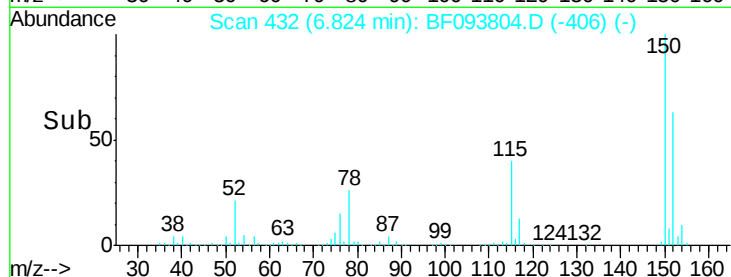
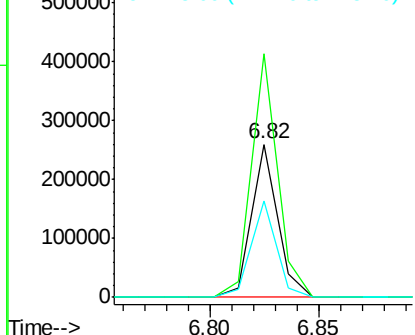
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093804.D
Acq: 21 Mar 2017 17:59

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

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



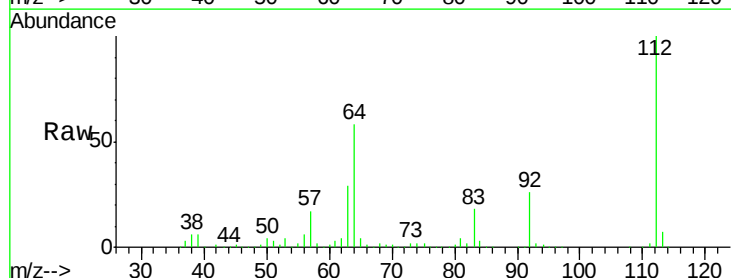
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



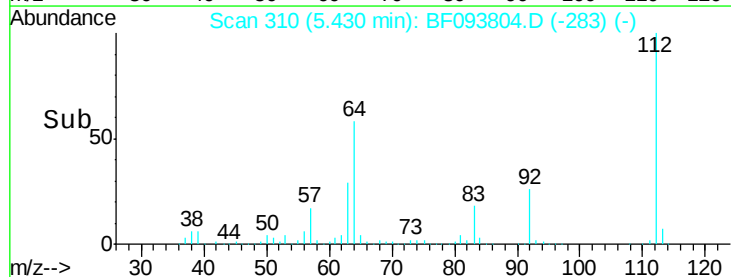
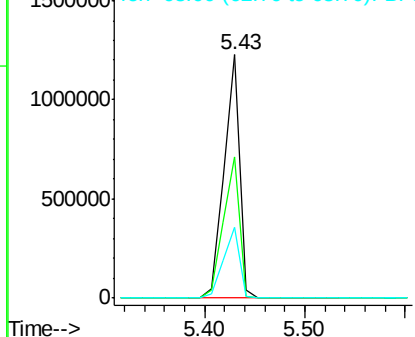
#5

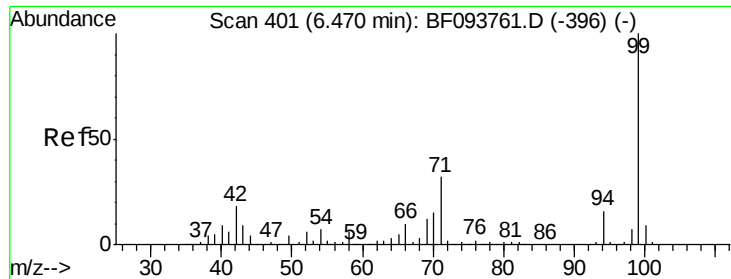
2-Fluorophenol
Concen: 105.99 ng
RT: 5.43 min Scan# 310
Delta R.T. 0.01 min
Lab File: BF093804.D
Acq: 21 Mar 2017 17:59

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

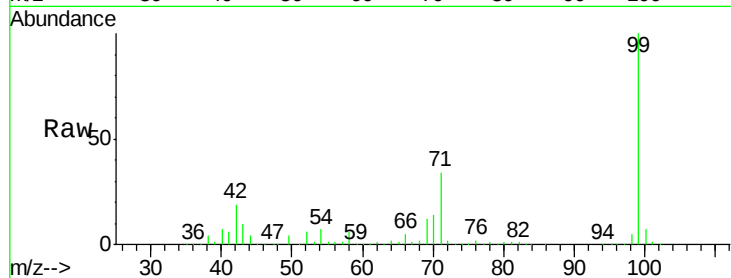
Tgt Ion: 99 Resp: 1551136

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

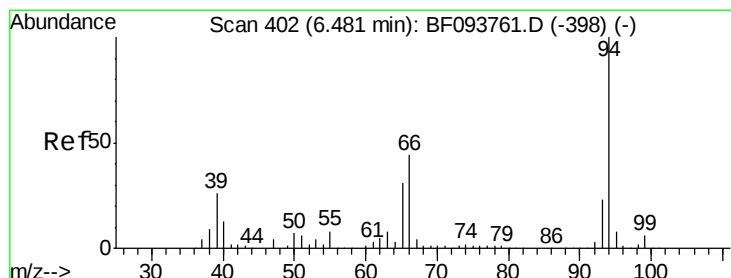
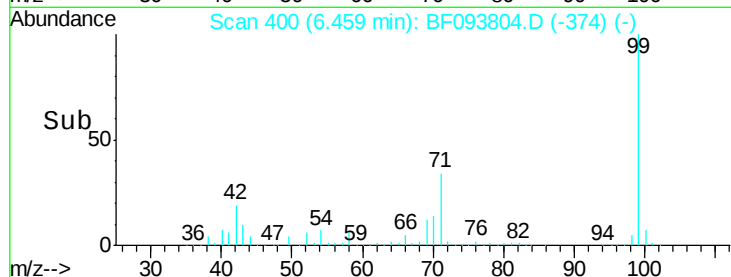
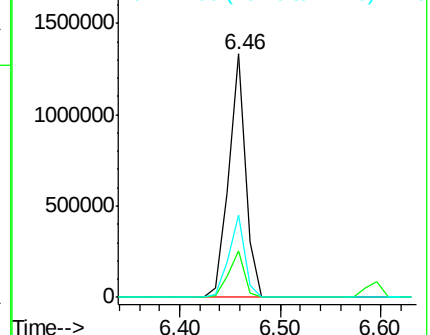
71 33.7 24.5 36.7



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

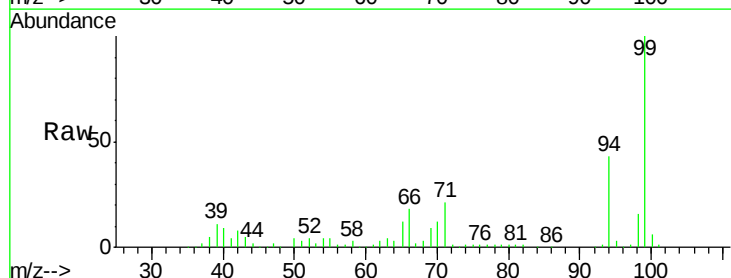
Tgt Ion: 94 Resp: 96307

Ion Ratio Lower Upper

94 100

65 28.5 9.9 49.9

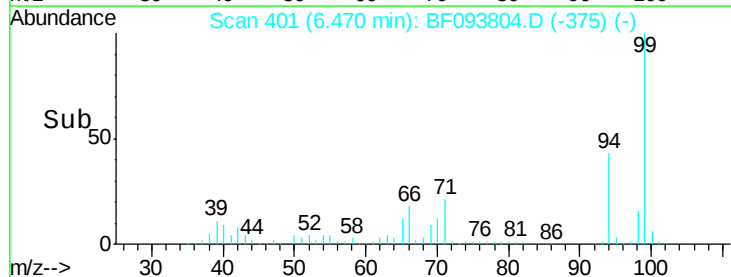
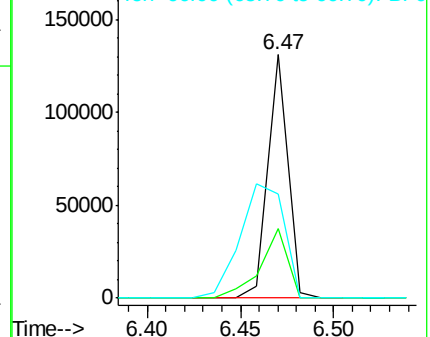
66 42.7 23.1 63.1

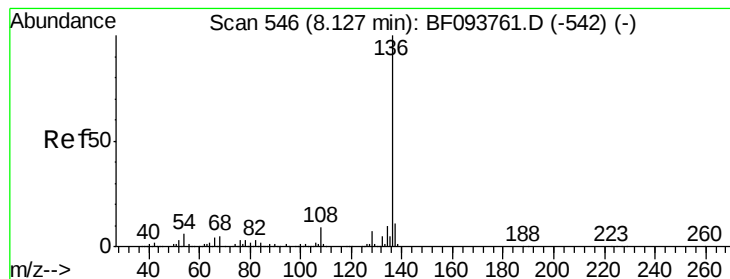


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-002-A

Tgt Ion: 136 Resp: 880567

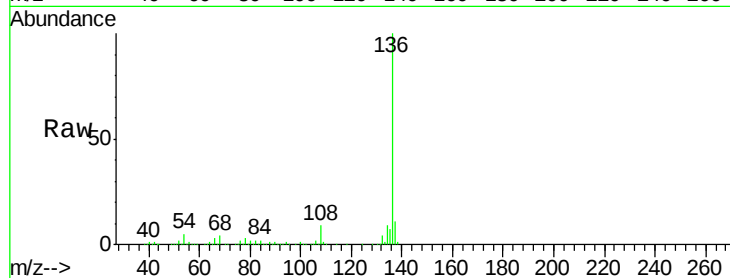
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 4.9 4.9 7.3

68 4.3 4.1 6.1

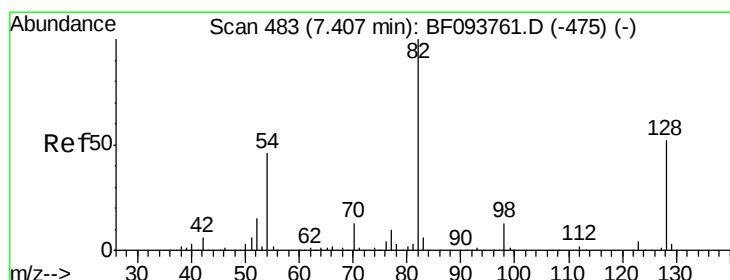
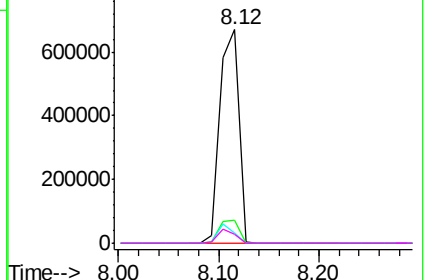
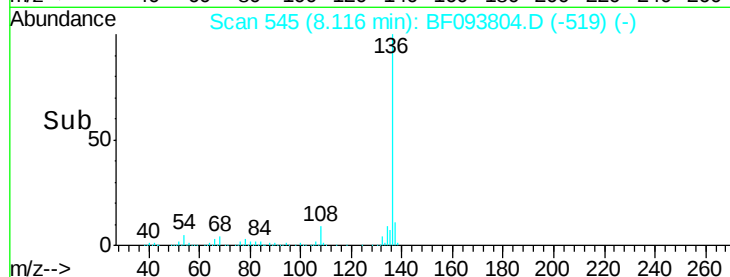


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

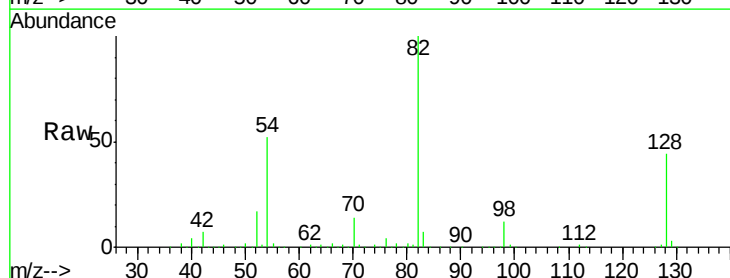
Tgt Ion: 82 Resp: 955698

Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

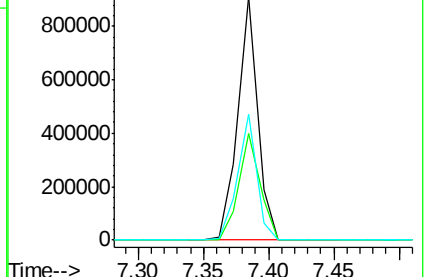
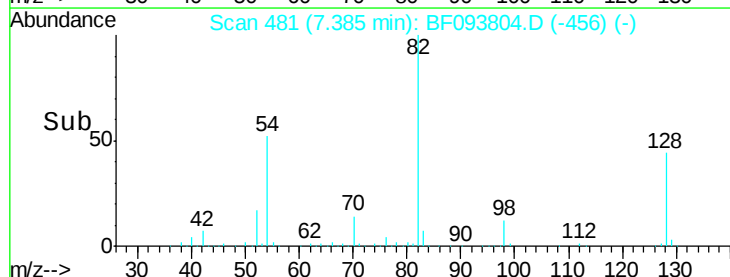
54 51.9 42.2 63.2

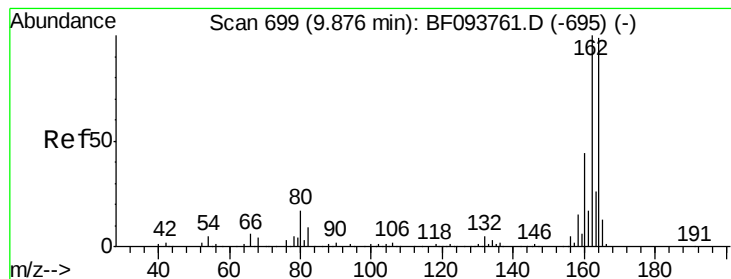


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

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

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FK-GF-01-002-A

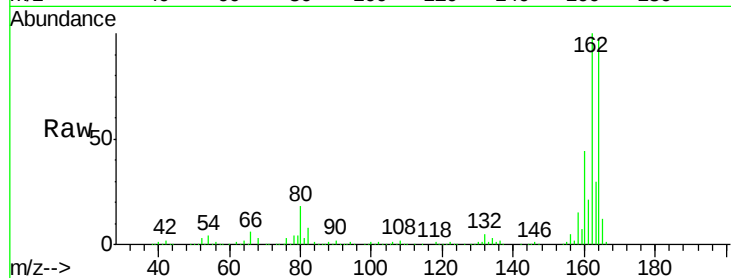
Tgt Ion:164 Resp: 422025

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

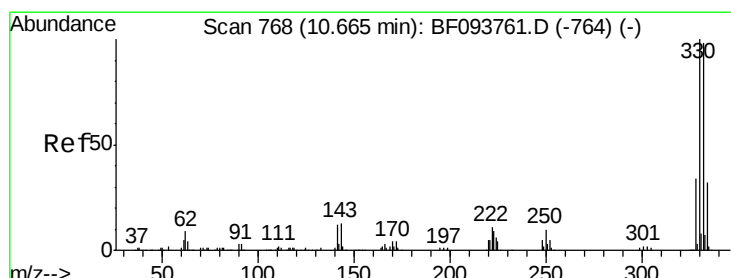
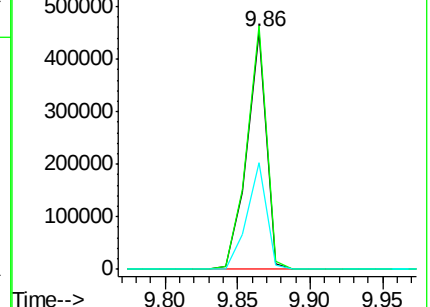
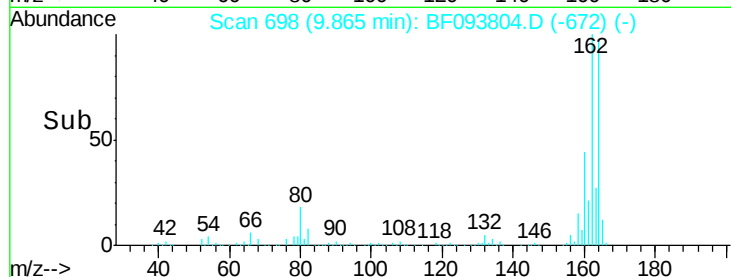
160 45.0 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): 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: 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

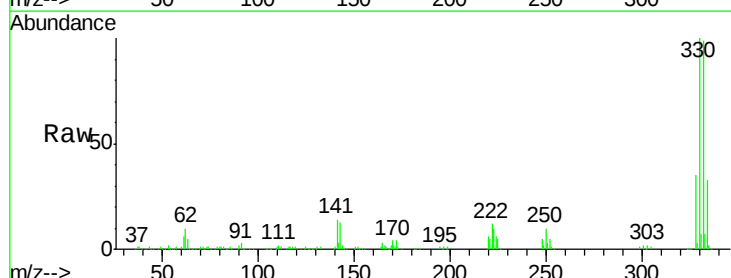
Tgt Ion:330 Resp: 347035

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

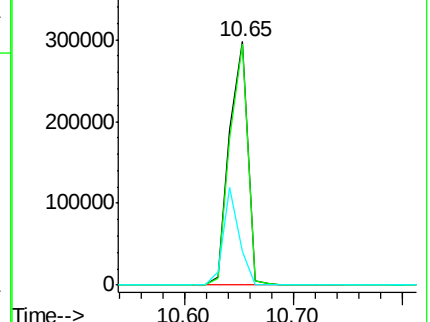
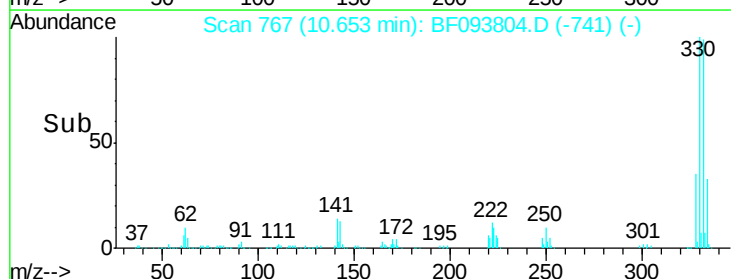
141 35.3 31.4 47.2

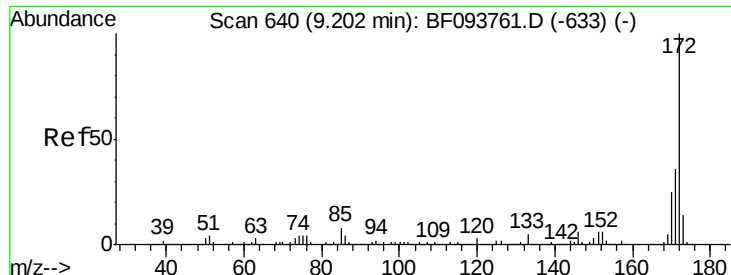


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

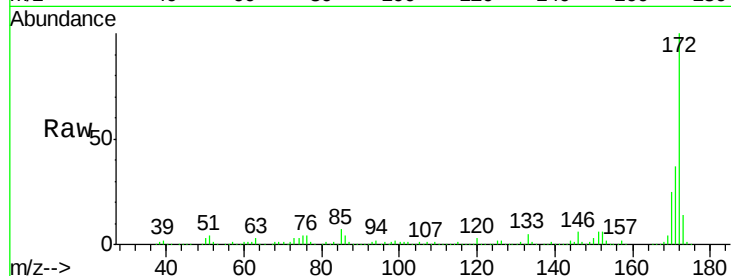




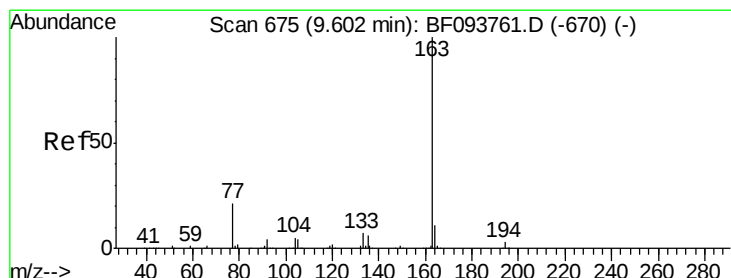
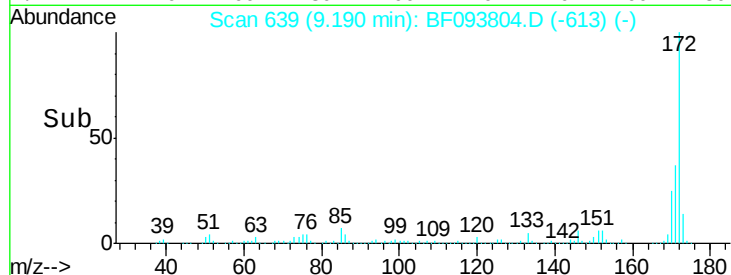
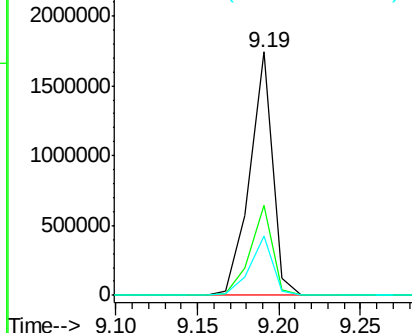
#44
 2-Fluorobiphenyl
 Concen: 67.64 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093804.D
 Acq: 21 Mar 2017 17:59

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 BNA_F
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 FK-GF-01-002-A

Tgt Ion:172 Resp: 1697623
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.6 19.8 29.8

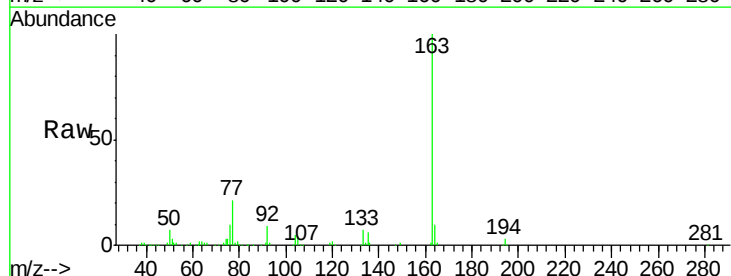


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

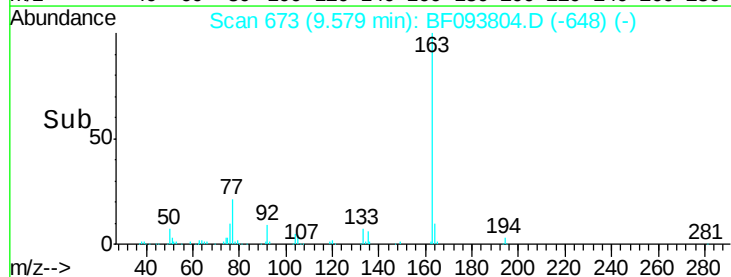
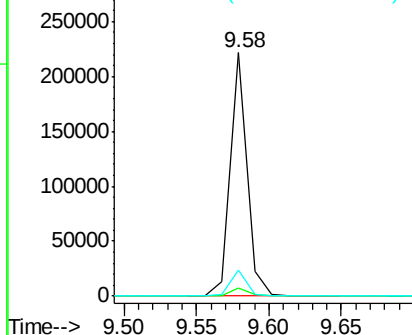


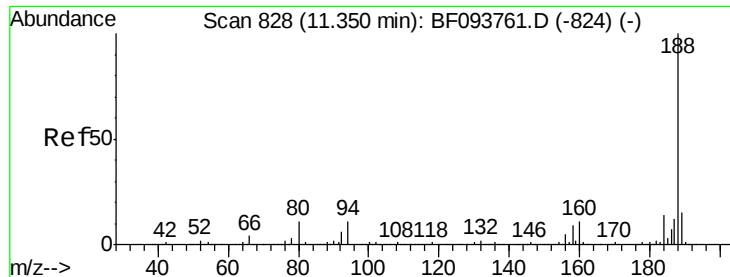
#49
 Dimethylphthalate
 Concen: 5.95 ng
 RT: 9.58 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF093804.D
 Acq: 21 Mar 2017 17:59

Tgt 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

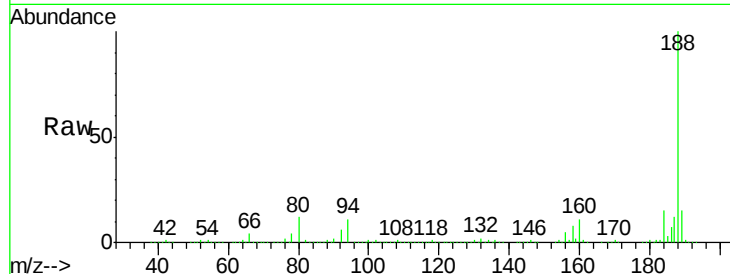




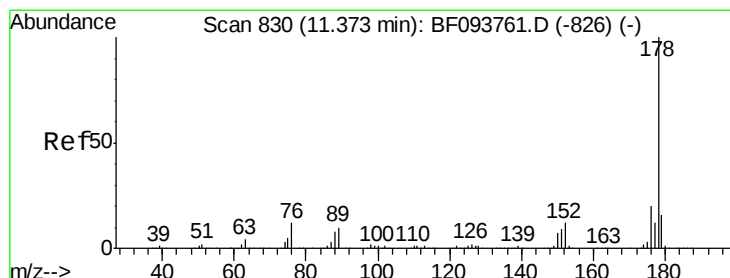
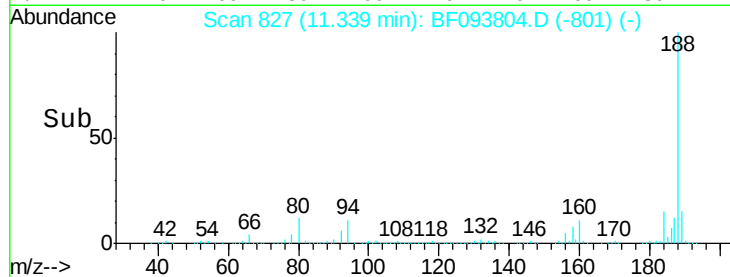
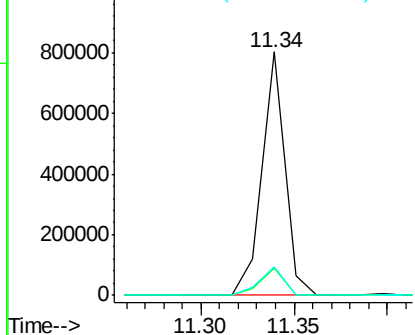
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF093804.D
 Acq: 21 Mar 2017 17:59

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

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

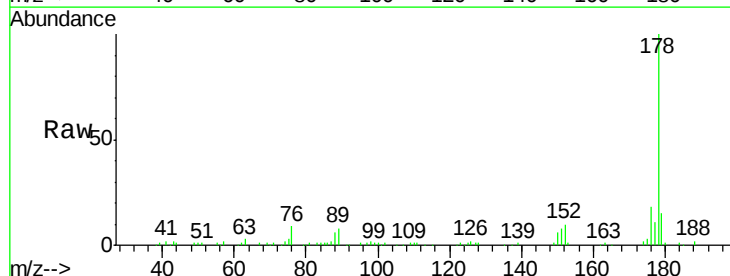


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

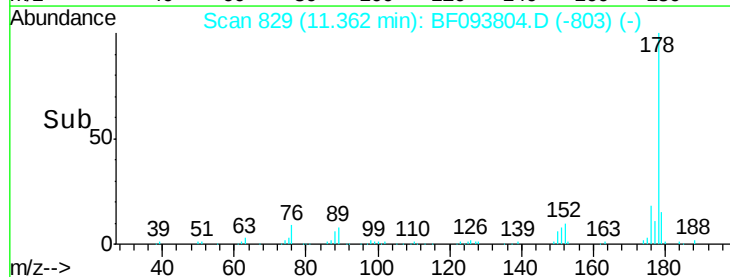
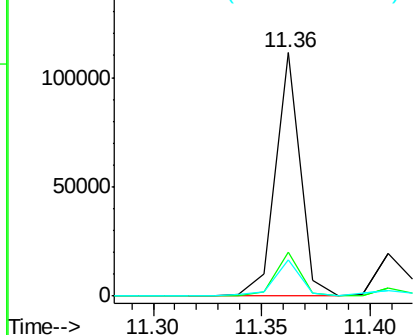


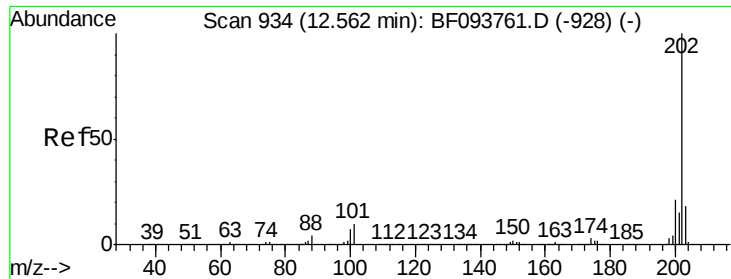
#70
 Phenanthrene
 Concen: 2.46 ng
 RT: 11.36 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF093804.D
 Acq: 21 Mar 2017 17:59

Tgt 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

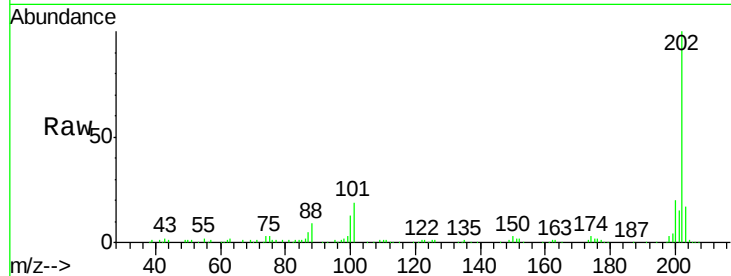




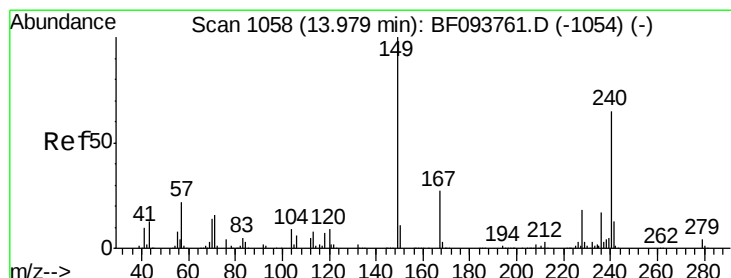
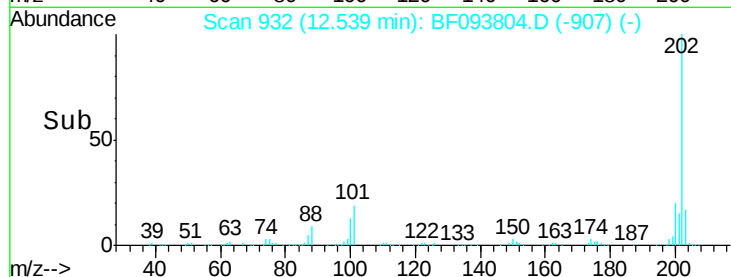
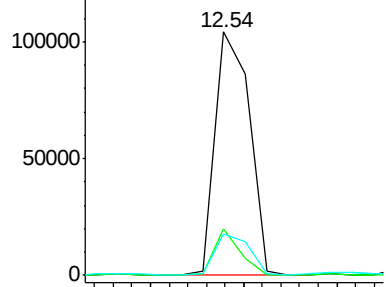
#74
 Fluoranthene
 Concen: 3.56 ng
 RT: 12.54 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BF093804.D
 Acq: 21 Mar 2017 17:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	132331		
101	19.2	0.0	33.2	
203	17.0	0.0	38.1	

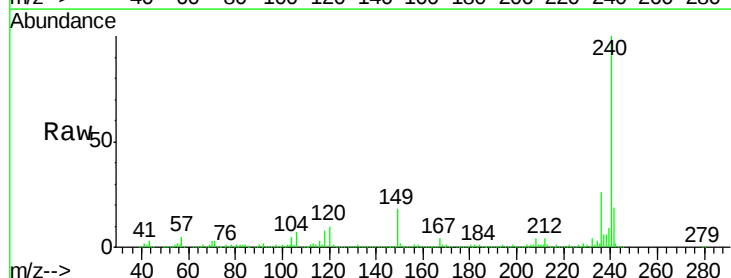


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

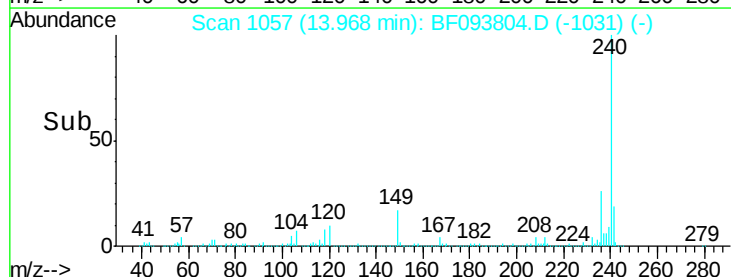
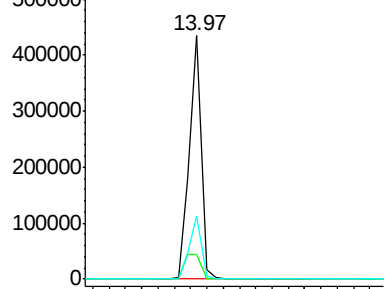


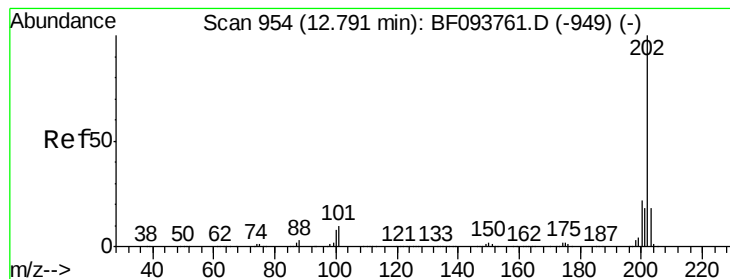
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF093804.D
 Acq: 21 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	439956		
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

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-002-A

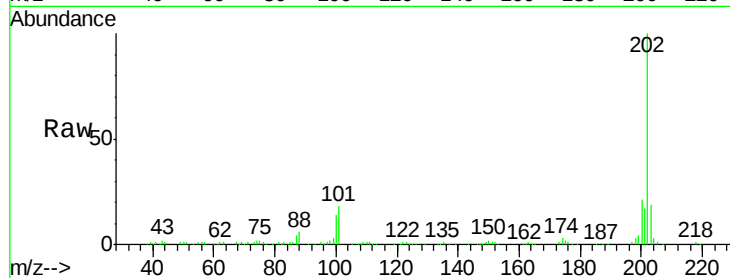
Tgt Ion:202 Resp: 125145

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

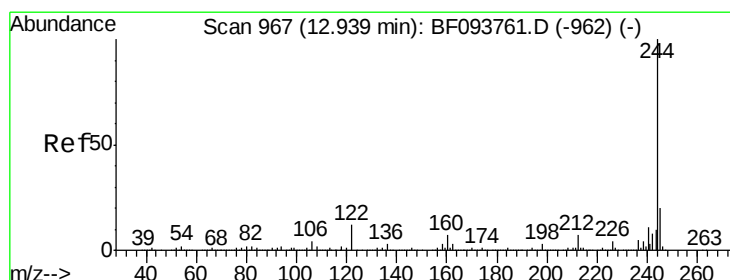
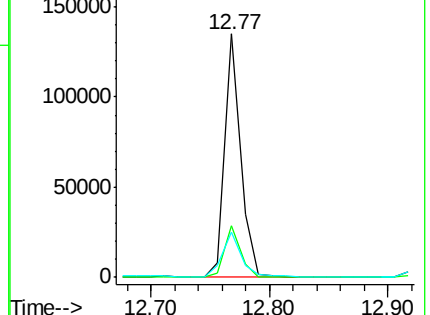
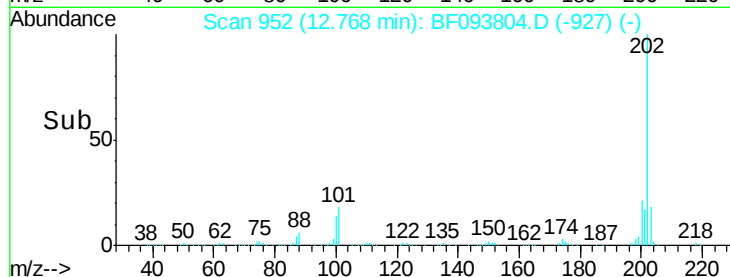
203 18.7 14.4 21.6



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

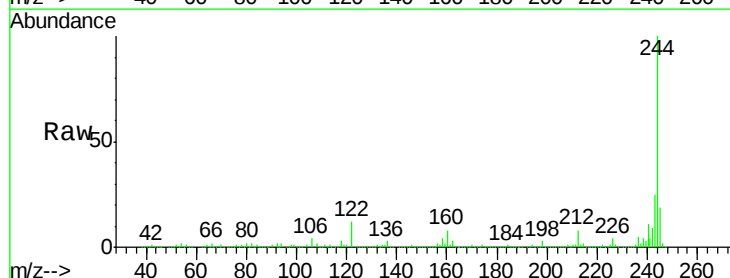
Tgt Ion:244 Resp: 1276420

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

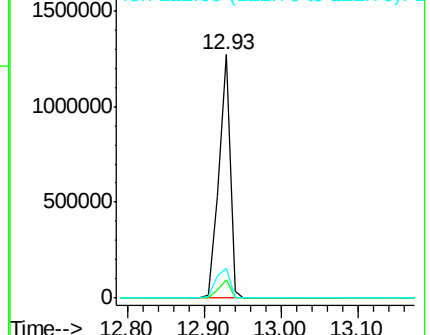
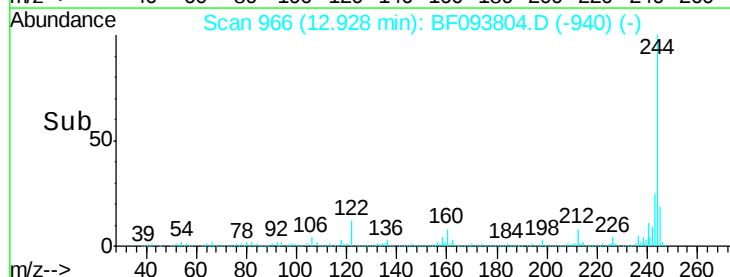
122 12.2 10.3 15.5

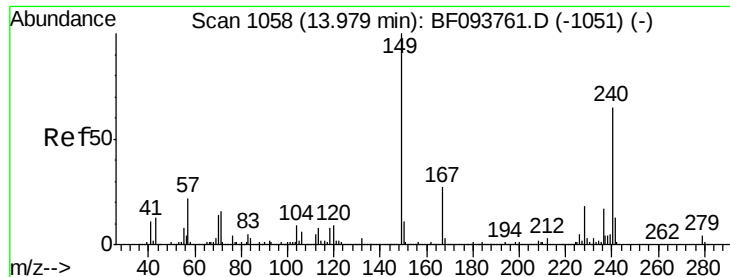


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-002-A

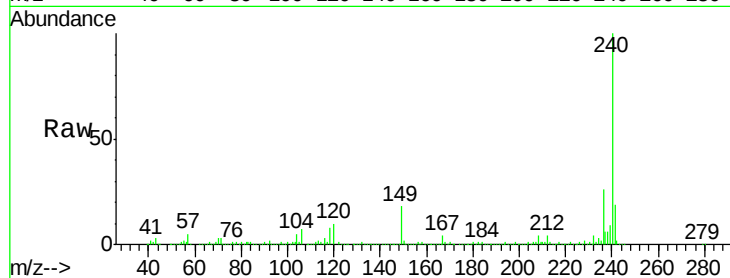
Tgt Ion:149 Resp: 75437

Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.4

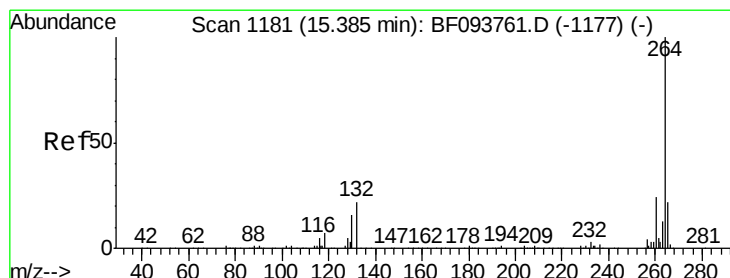
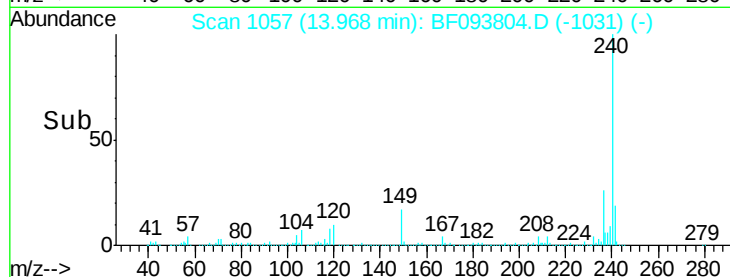
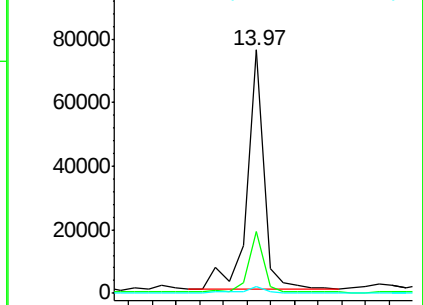
279 2.7 1.9 2.9



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

Perylene-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

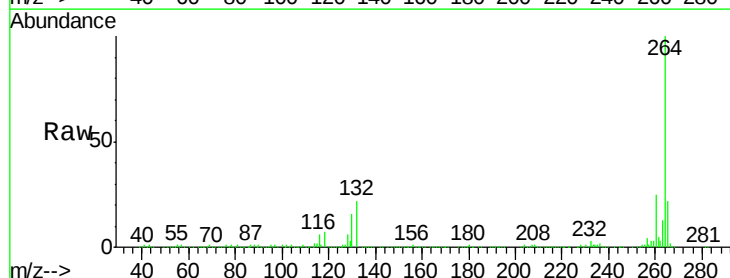
Tgt Ion:264 Resp: 371817

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

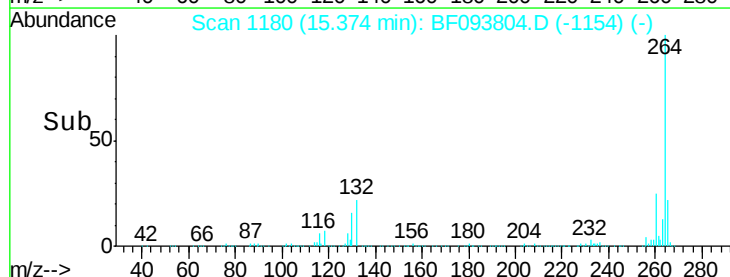
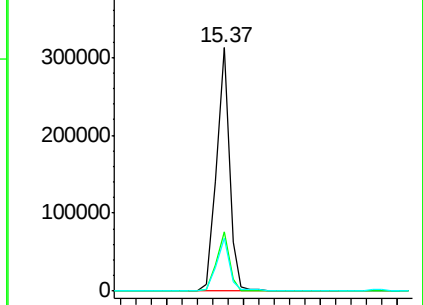
265 21.8 17.2 25.8

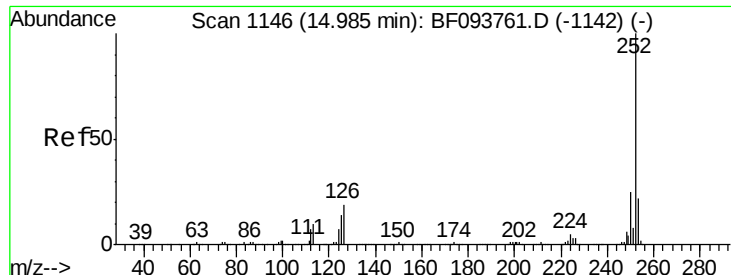


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.12 ng m

RT: 14.97 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF093804.D

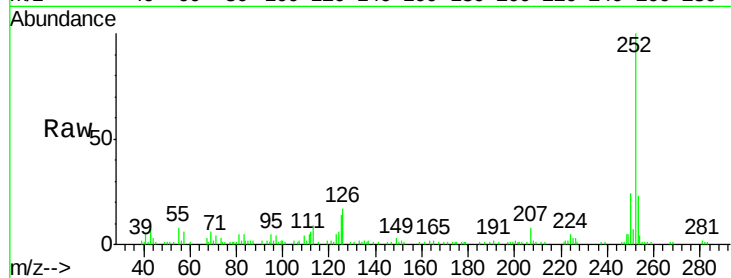
Acq: 21 Mar 2017 17:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-002-A



Tgt Ion: 252 Resp: 53195

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

125 14.4 9.8 14.8

