

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075605.D
 Acq On : 17 Nov 2014 3:14
 Operator : TP / JJ
 Sample : F4756-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-008-B

Quant Time: Nov 17 06:11:56 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

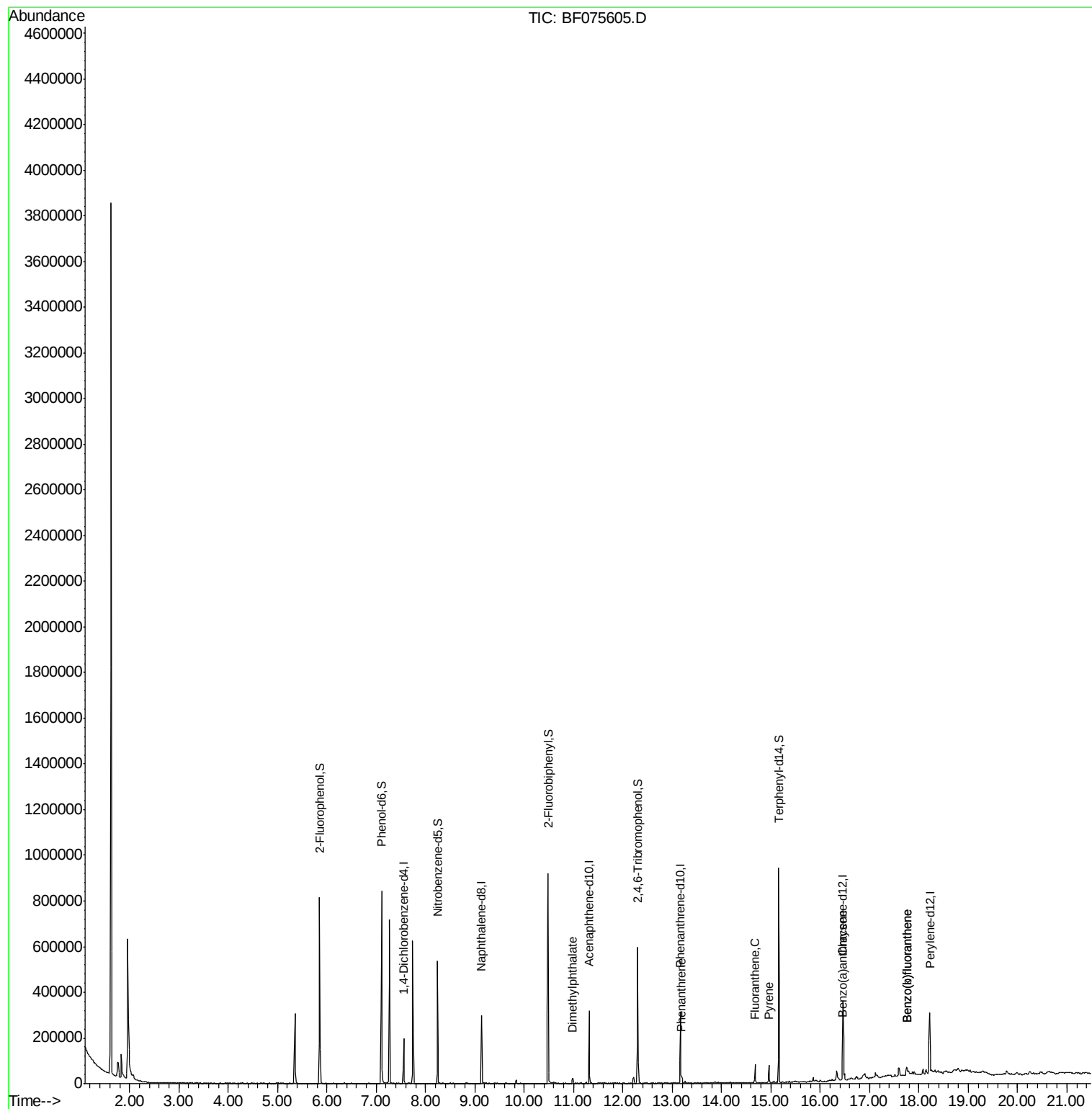
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	31623	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	134975	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	71138	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	128117	20.00	ng	0.00
75) Chrysene-d12	16.46	240	143847	20.00	ng	-0.01
86) Perylene-d12	18.22	264	127584	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	226865	126.74	ng	0.00
7) Phenol-d6	7.11	99	288062	133.82	ng	0.00
23) Nitrobenzene-d5	8.24	82	161470	87.71	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	72215	121.20	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	318846	80.99	ng	0.00
78) Terphenyl-d14	15.16	244	353696	66.20	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.98	163	15166	3.12	ng	96
70) Phenanthrene	13.19	178	15424	2.29	ng	96
74) Fluoranthene	14.68	202	34843	4.82	ng	98
77) Pyrene	14.96	202	29083	3.48	ng	97
80) Benzo(a)anthracene	16.45	228	16583	2.19	ng	94
87) Benzo(b)fluoranthene	17.75	252	25971	3.81	ng	99
88) Benzo(k)fluoranthene	17.75	252	25972	4.24	ng	100

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

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BNA_F
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FK-GF-01-008-B

Quant Time: Nov 17 06:11:56 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 05:54:27 2014
Response via : Initial Calibration

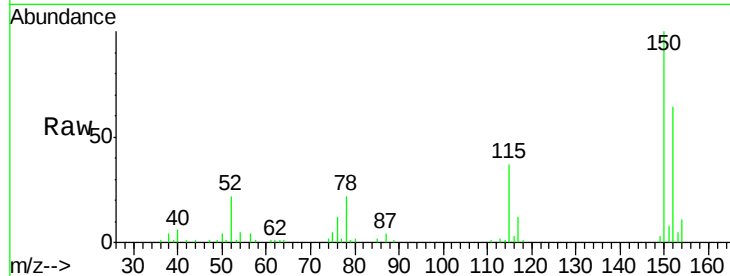




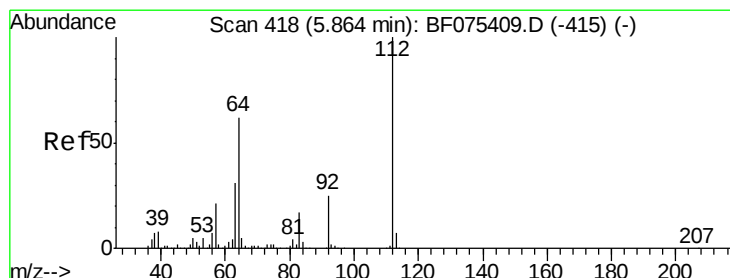
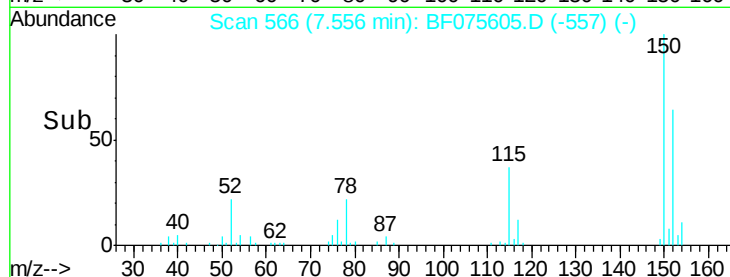
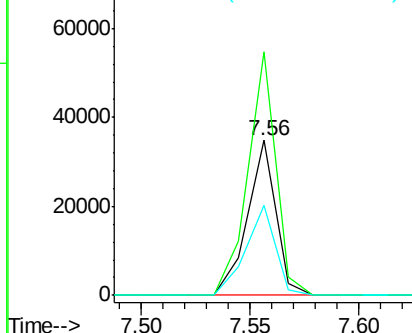
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.56 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-008-B

Tgt Ion:152 Resp: 31623
 Ion Ratio Lower Upper
 152 100
 150 157.2 127.2 190.8
 115 58.3 57.1 85.7

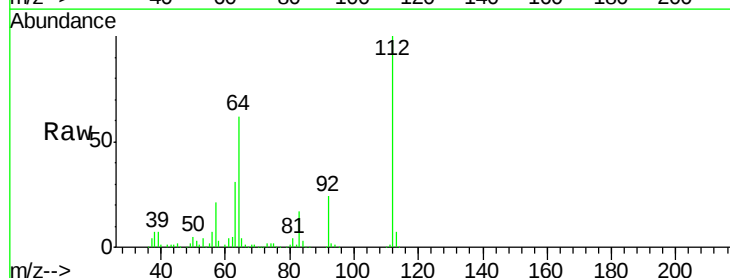


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

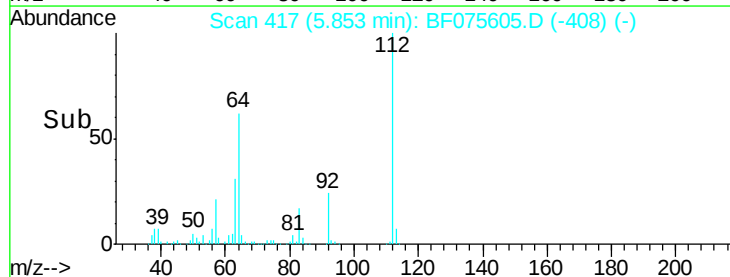
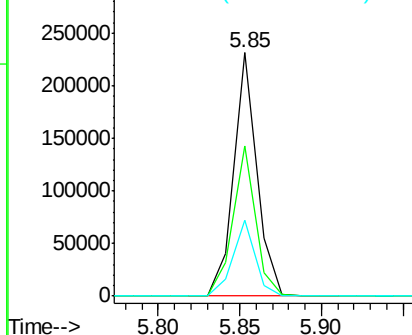


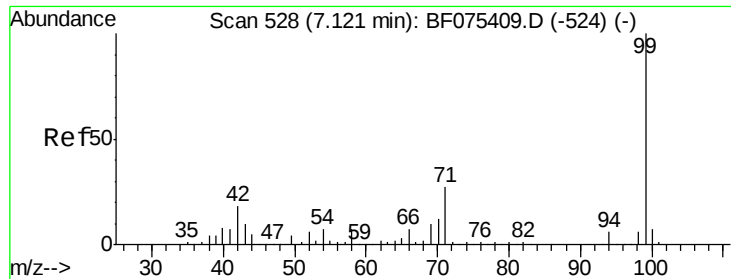
#5
 2-Fluorophenol
 Concen: 126.74 ng
 RT: 5.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

Tgt Ion:112 Resp: 226865
 Ion Ratio Lower Upper
 112 100
 64 61.9 45.8 68.6
 63 31.1 22.7 34.1



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: 133.82 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF075605.D

Acq: 17 Nov 2014 3:14

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-008-B

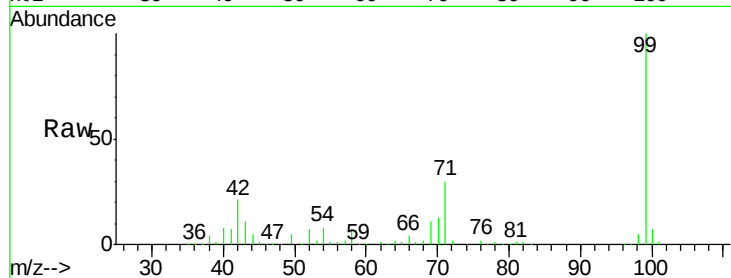
Tgt Ion: 99 Resp: 288062

Ion Ratio Lower Upper

99 100

42 20.9 19.8 29.6

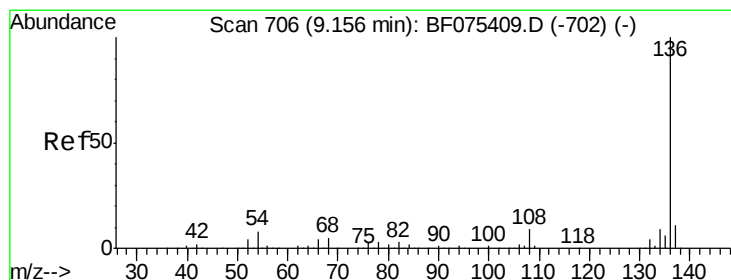
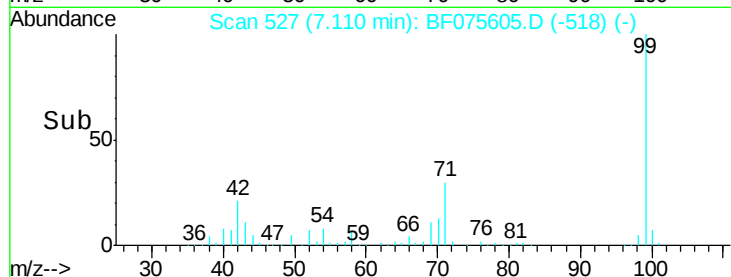
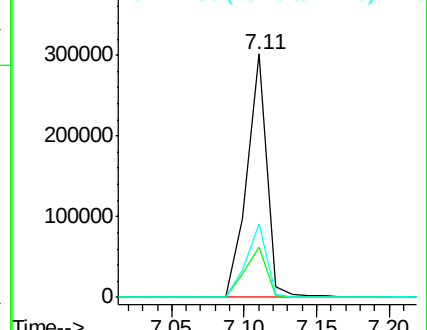
71 30.0 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075605.D

Acq: 17 Nov 2014 3:14

Tgt Ion: 136 Resp: 134975

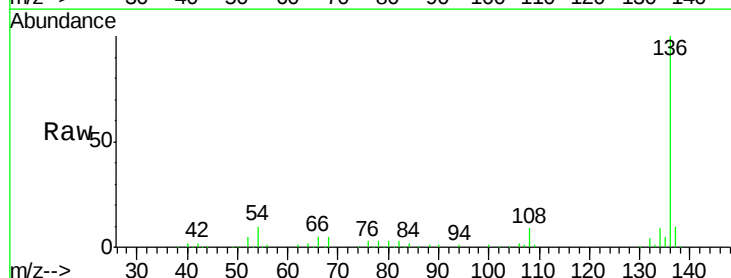
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 9.6 6.2 9.4#

68 5.0 3.4 5.2

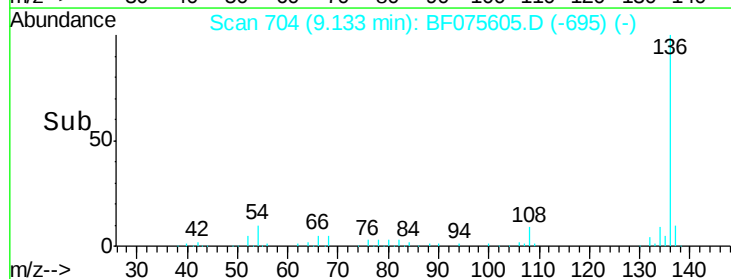
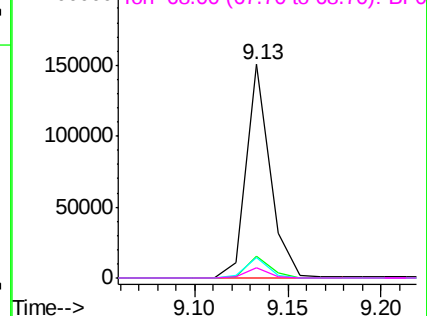


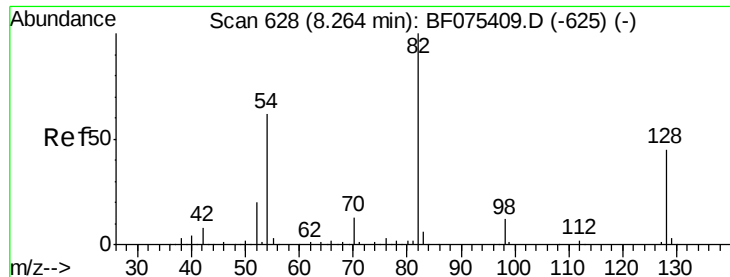
Abundance Ion 136.00 (135.70 to 136.70): E

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

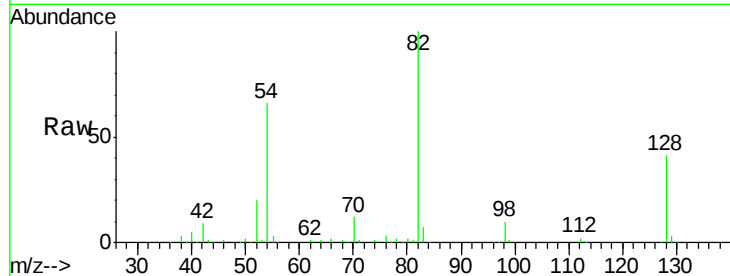




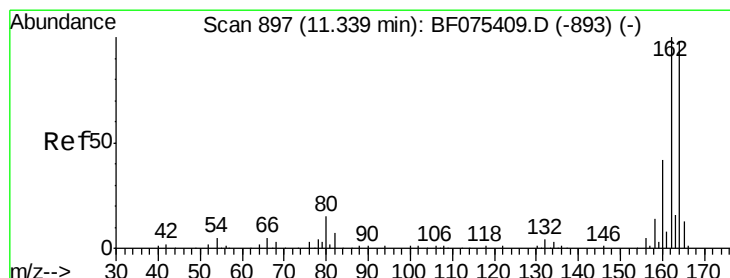
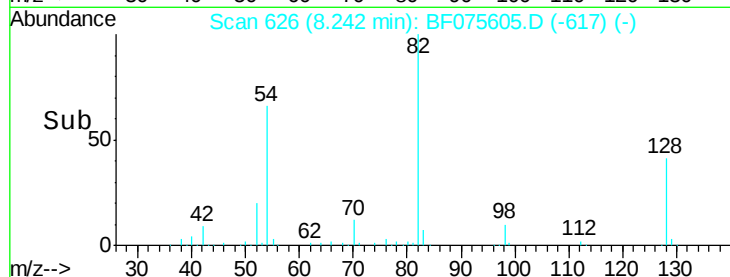
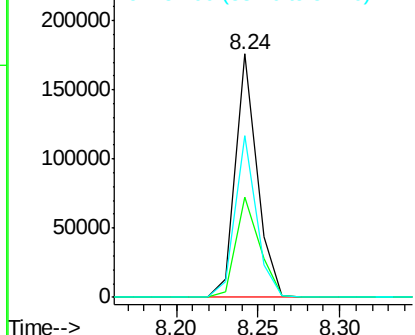
#23
 Nitrobenzene-d5
 Concen: 87.71 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-008-B

Tgt Ion: 82 Resp: 161470
 Ion Ratio Lower Upper
 82 100
 128 41.1 37.8 56.6
 54 66.3 49.8 74.8

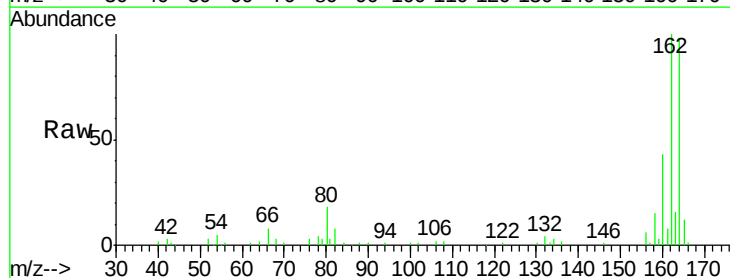


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

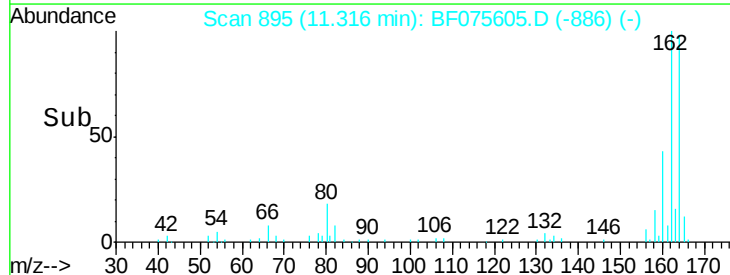
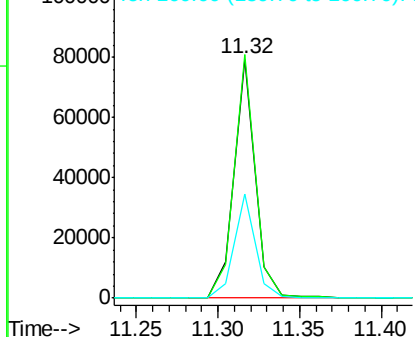


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

Tgt Ion: 164 Resp: 71138
 Ion Ratio Lower Upper
 164 100
 162 102.0 79.1 118.7
 160 43.8 34.6 51.8



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

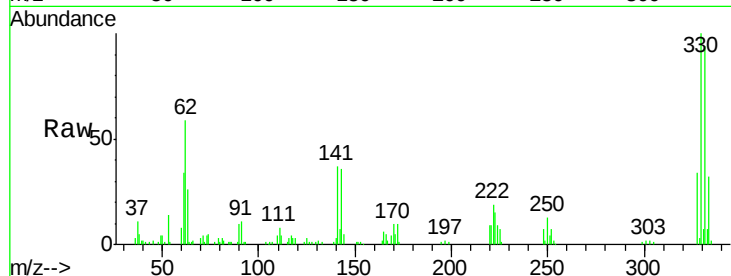




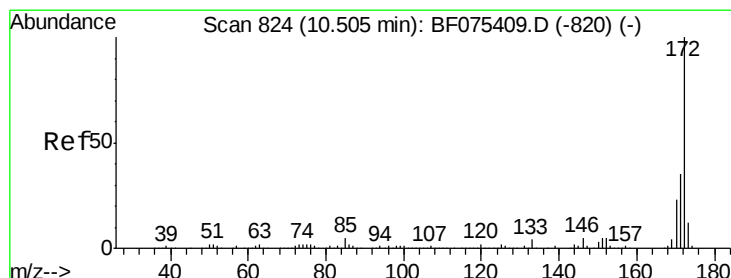
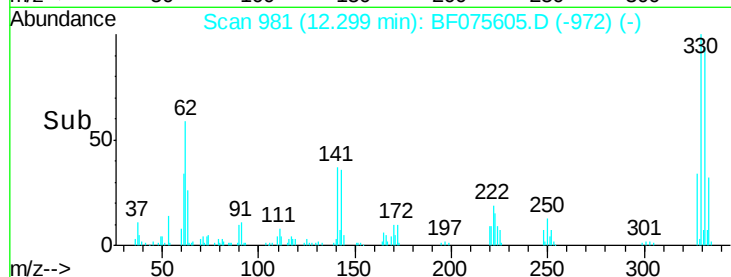
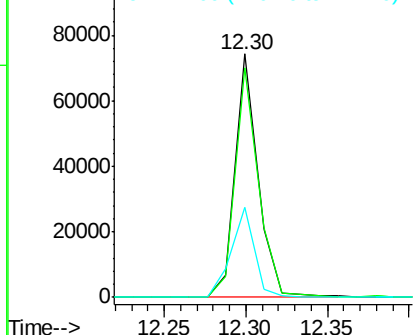
#41
 2,4,6-Tribromophenol
 Concen: 121.20 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-008-B

Tgt Ion:330 Resp: 72215
 Ion Ratio Lower Upper
 330 100
 332 95.9 74.5 111.7
 141 37.3 30.7 46.1

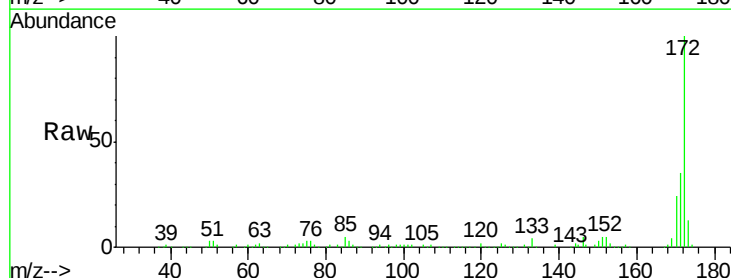


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

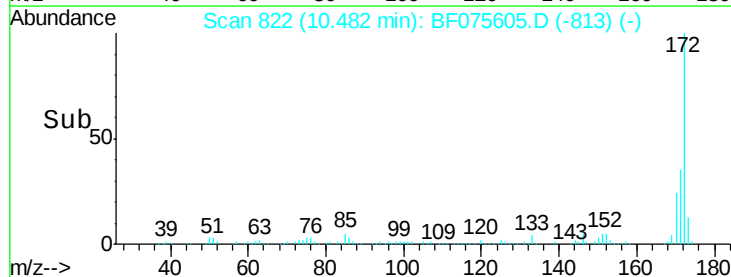
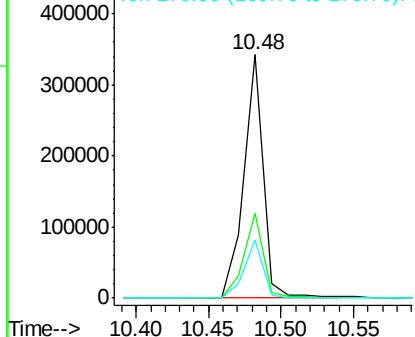


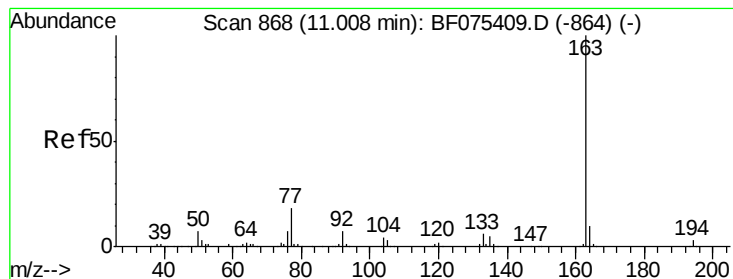
#44
 2-Fluorobiphenyl
 Concen: 80.99 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

Tgt Ion:172 Resp: 318846
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.3 40.9
 170 23.6 18.4 27.6



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: 3.12 ng

RT: 10.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF075605.D

Acq: 17 Nov 2014 3:14

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-008-B

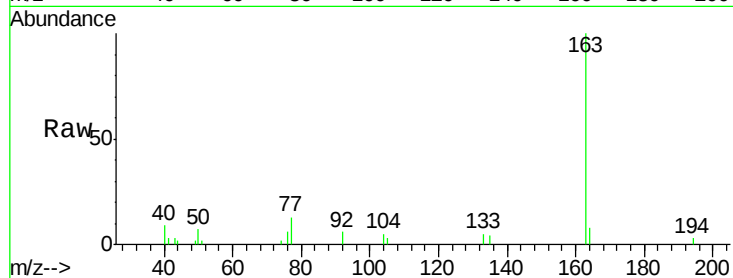
Tgt Ion:163 Resp: 15166

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

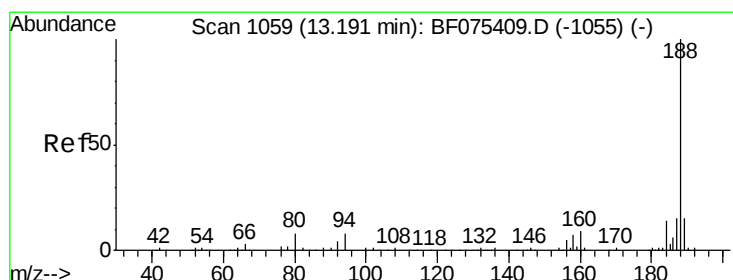
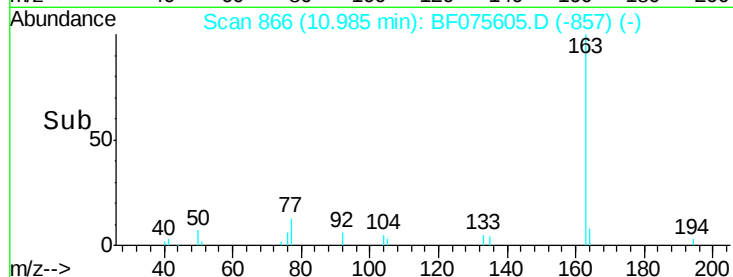
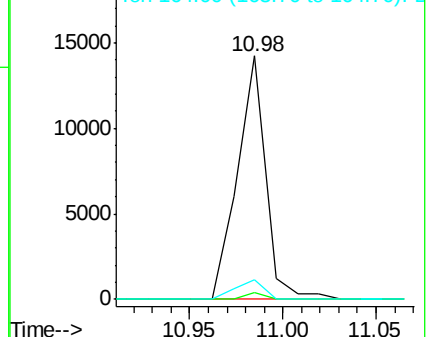
164 8.1 8.0 12.0



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: 13.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF075605.D

Acq: 17 Nov 2014 3:14

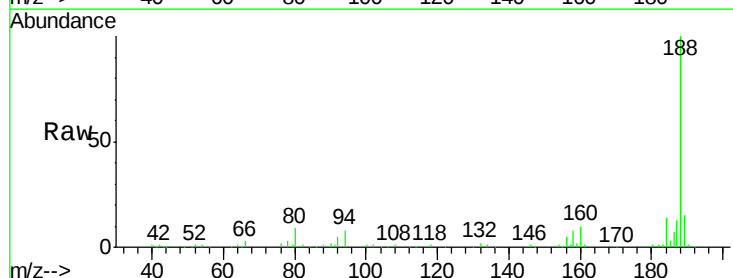
Tgt Ion:188 Resp: 128117

Ion Ratio Lower Upper

188 100

94 8.3 7.8 11.6

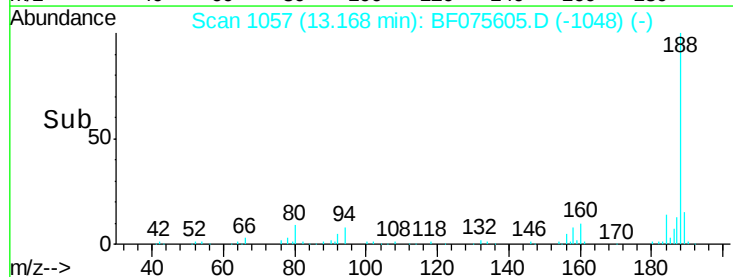
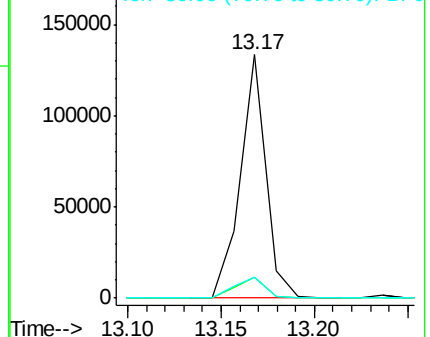
80 8.8 8.0 12.0

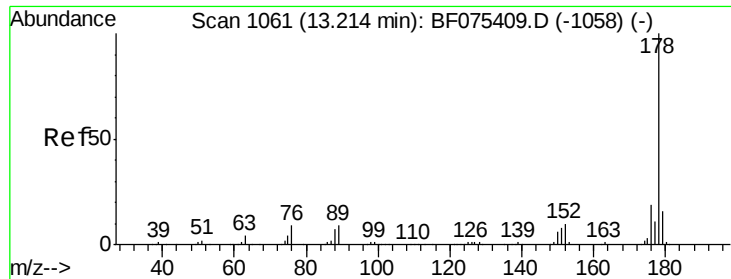


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.29 ng

RT: 13.19 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF075605.D

Acq: 17 Nov 2014 3:14

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-008-B

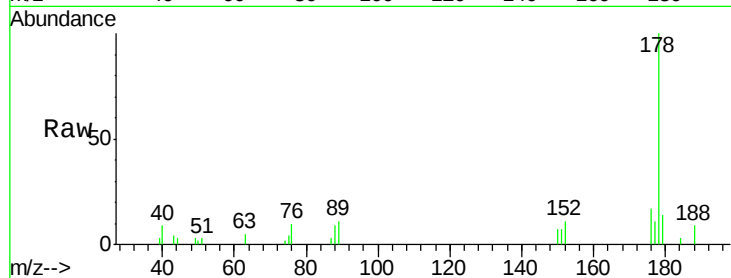
Tgt Ion:178 Resp: 15424

Ion Ratio Lower Upper

178 100

176 17.3 15.3 22.9

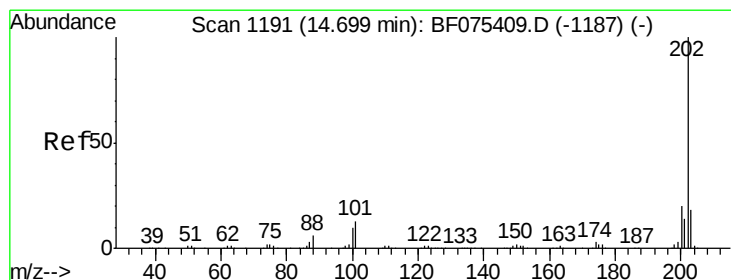
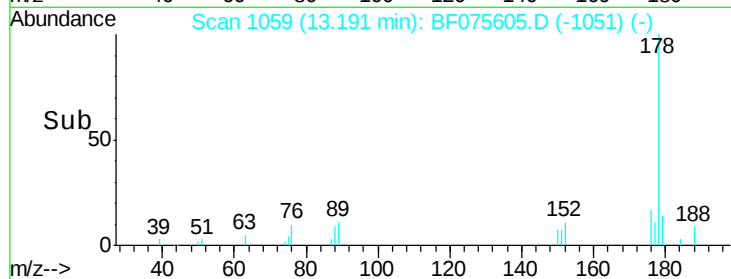
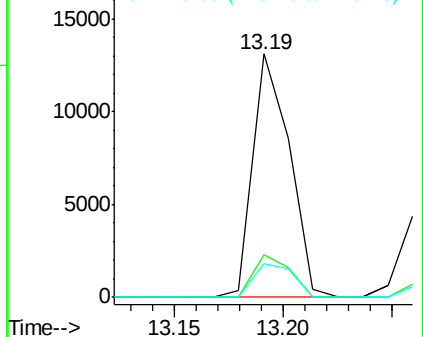
179 13.8 12.2 18.4



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: 4.82 ng

RT: 14.68 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF075605.D

Acq: 17 Nov 2014 3:14

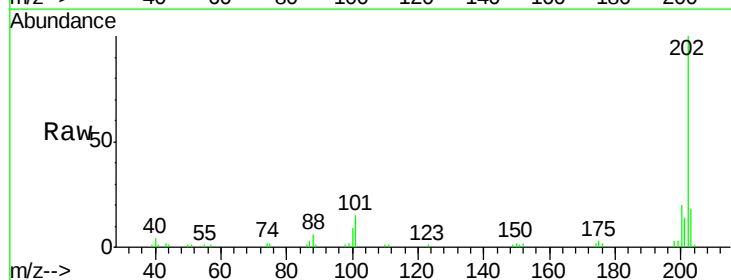
Tgt Ion:202 Resp: 34843

Ion Ratio Lower Upper

202 100

101 15.1 0.0 36.6

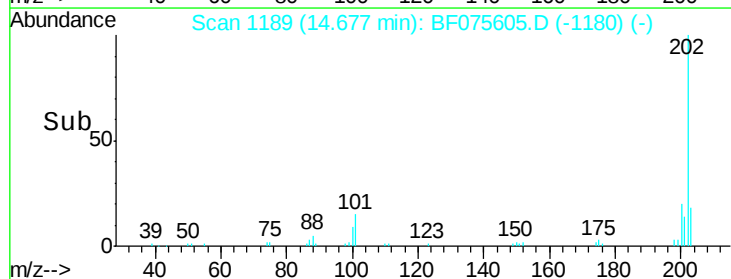
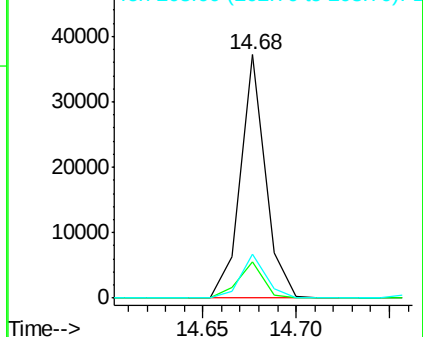
203 17.9 0.0 38.2

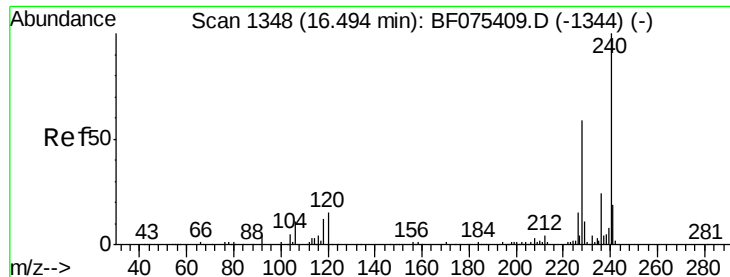


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.46 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF075605.D

Acq: 17 Nov 2014 3:14

Instrument :

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FK-GF-01-008-B

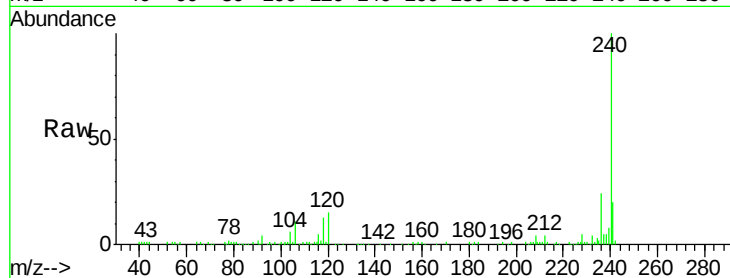
Tgt Ion:240 Resp: 143847

Ion Ratio Lower Upper

240 100

120 14.6 9.6 14.4#

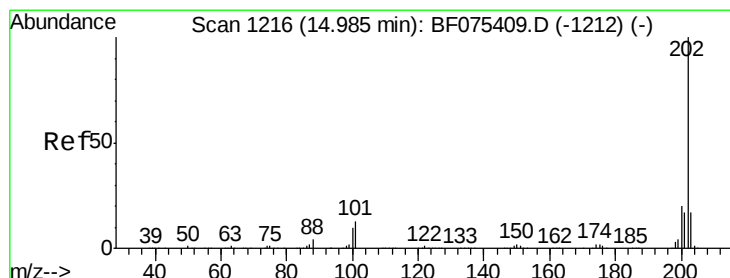
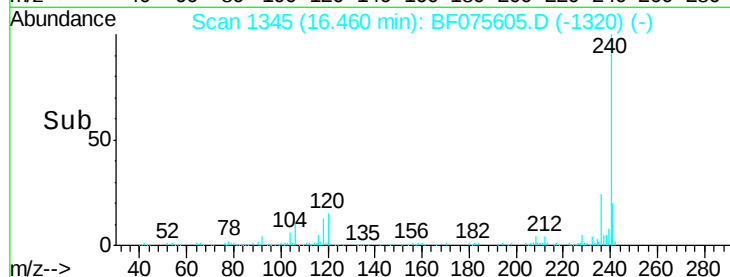
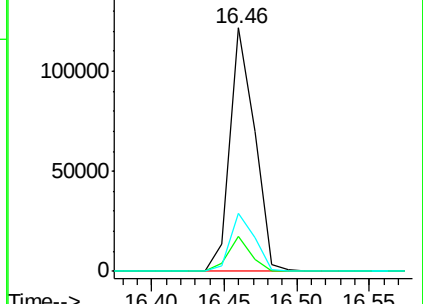
236 23.9 18.9 28.3



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: 3.48 ng

RT: 14.96 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF075605.D

Acq: 17 Nov 2014 3:14

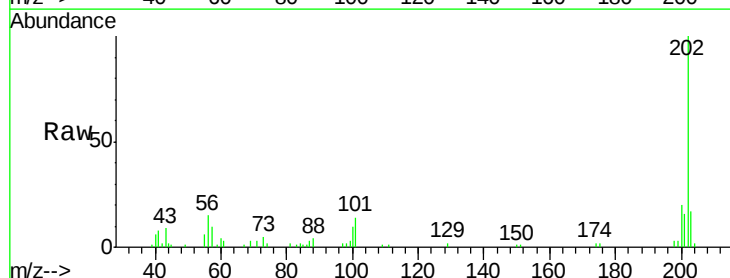
Tgt Ion:202 Resp: 29083

Ion Ratio Lower Upper

202 100

200 19.6 16.8 25.2

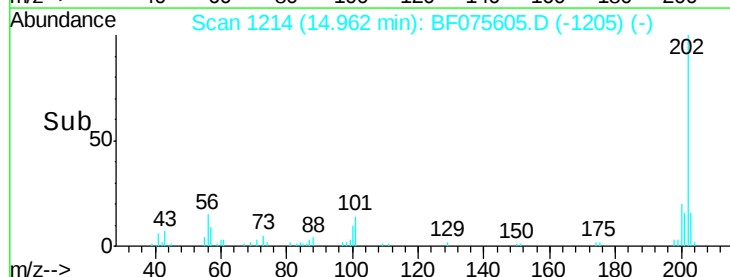
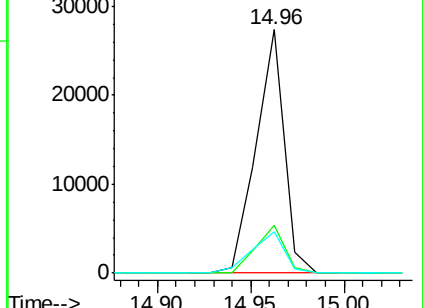
203 16.9 14.3 21.5

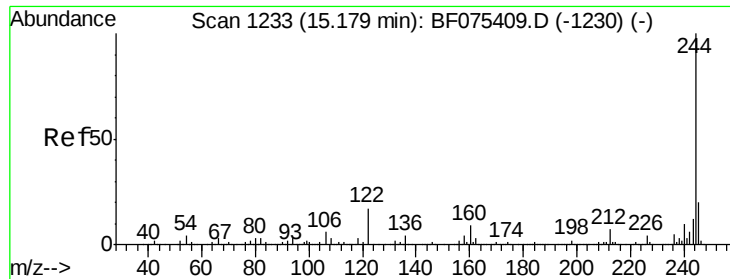


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

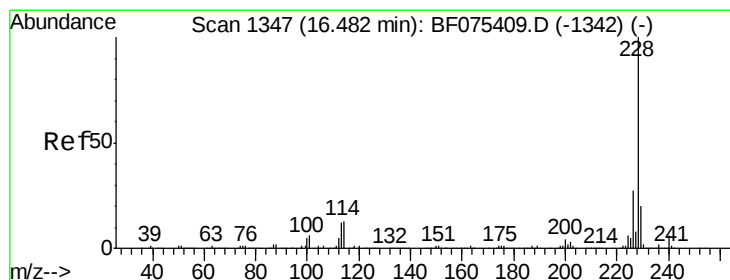
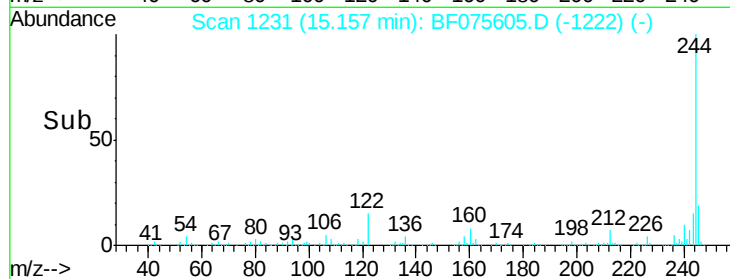
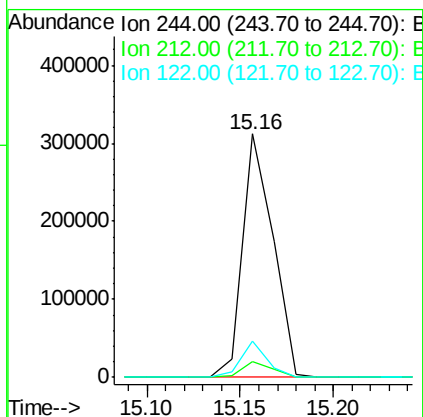
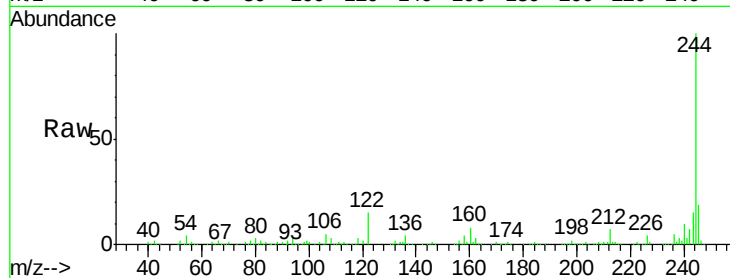




#78
 Terphenyl-d14
 Concen: 66.20 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

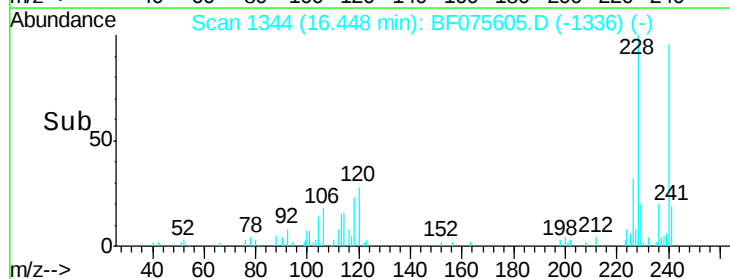
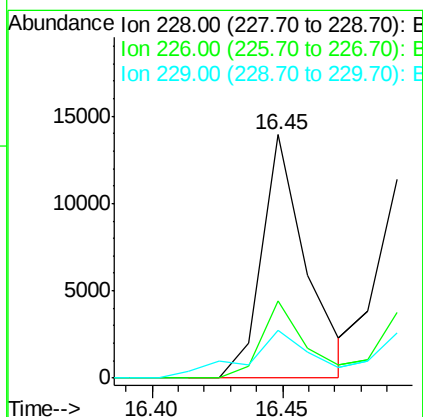
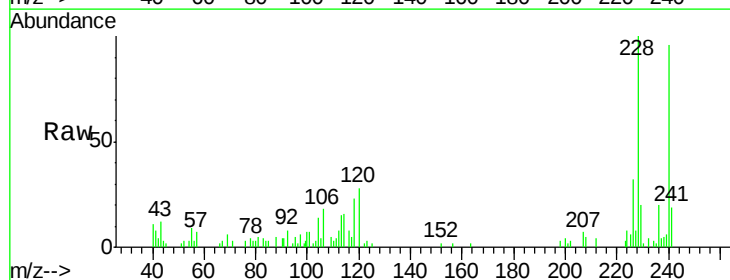
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-008-B

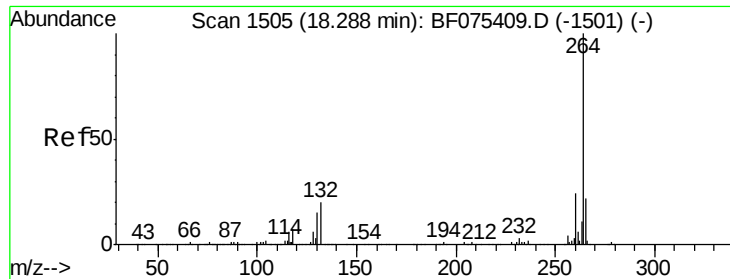
Tgt Ion:244 Resp: 353696
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 15.2 9.7 14.5#



#80
 Benzo(a)anthracene
 Concen: 2.19 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

Tgt Ion:228 Resp: 16583
 Ion Ratio Lower Upper
 228 100
 226 31.7 21.8 32.8
 229 19.7 15.3 22.9



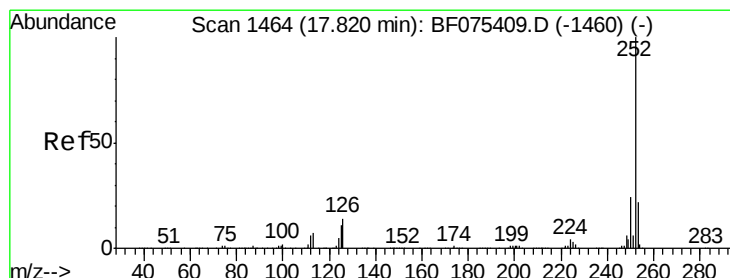
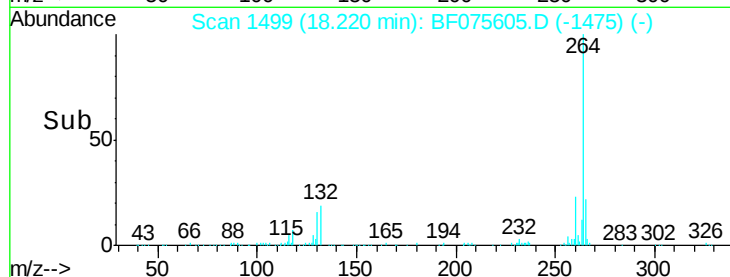
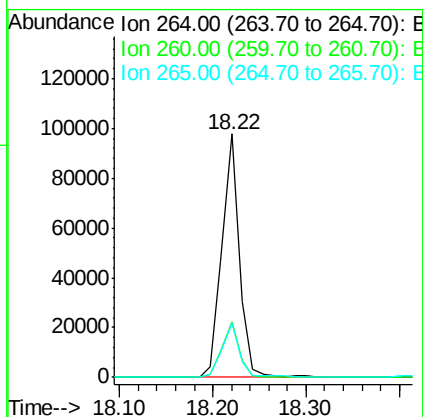
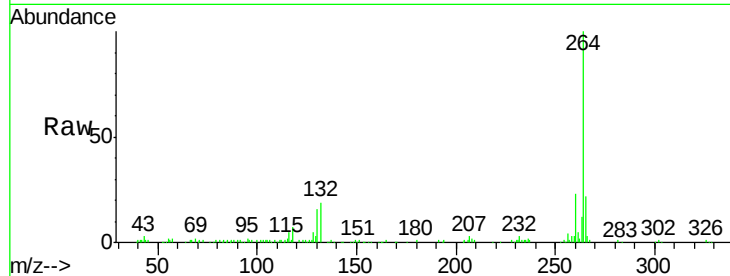


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.22 min Scan# 1499
Delta R.T. -0.02 min
Lab File: BF075605.D
Acq: 17 Nov 2014 3:14

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-008-B

Tgt Ion: 264 Resp: 127584

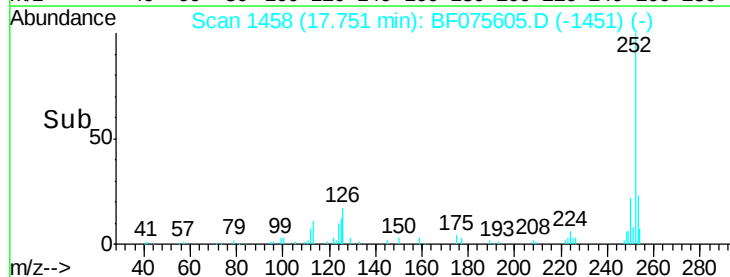
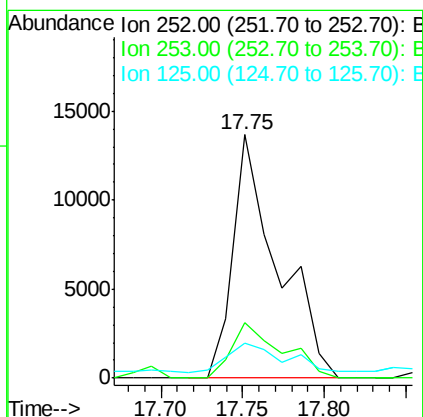
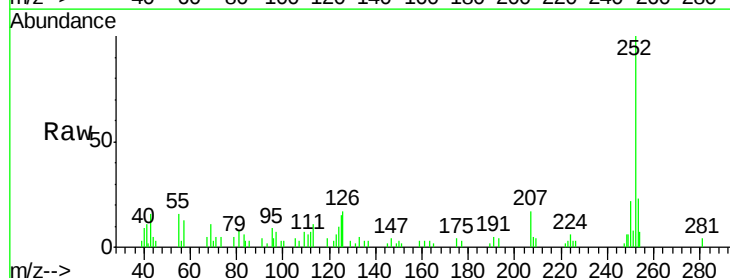
Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.9	26.9
265	22.4	16.3	24.5

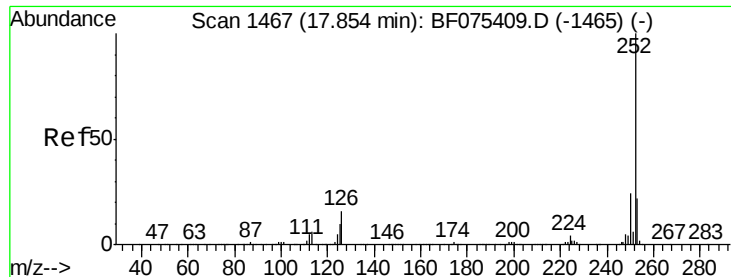


#87
Benzo(b)fluoranthene
Concen: 3.81 ng
RT: 17.75 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF075605.D
Acq: 17 Nov 2014 3:14

Tgt Ion: 252 Resp: 25971

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	14.6	11.8	17.6





#88
 Benzo(k)fluoranthene
 Concen: 4.24 ng
 RT: 17.75 min Scan# 1458
 Delta R.T. -0.06 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-008-B

Tgt Ion:	252	Resp:	25972
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	14.6	11.6	17.4

