

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
 Data File : BF093309.D
 Acq On : 2 Mar 2017 00:28
 Operator : SJ/MA
 Sample : I2036-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-001-C

Quant Time: Mar 02 02:16:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

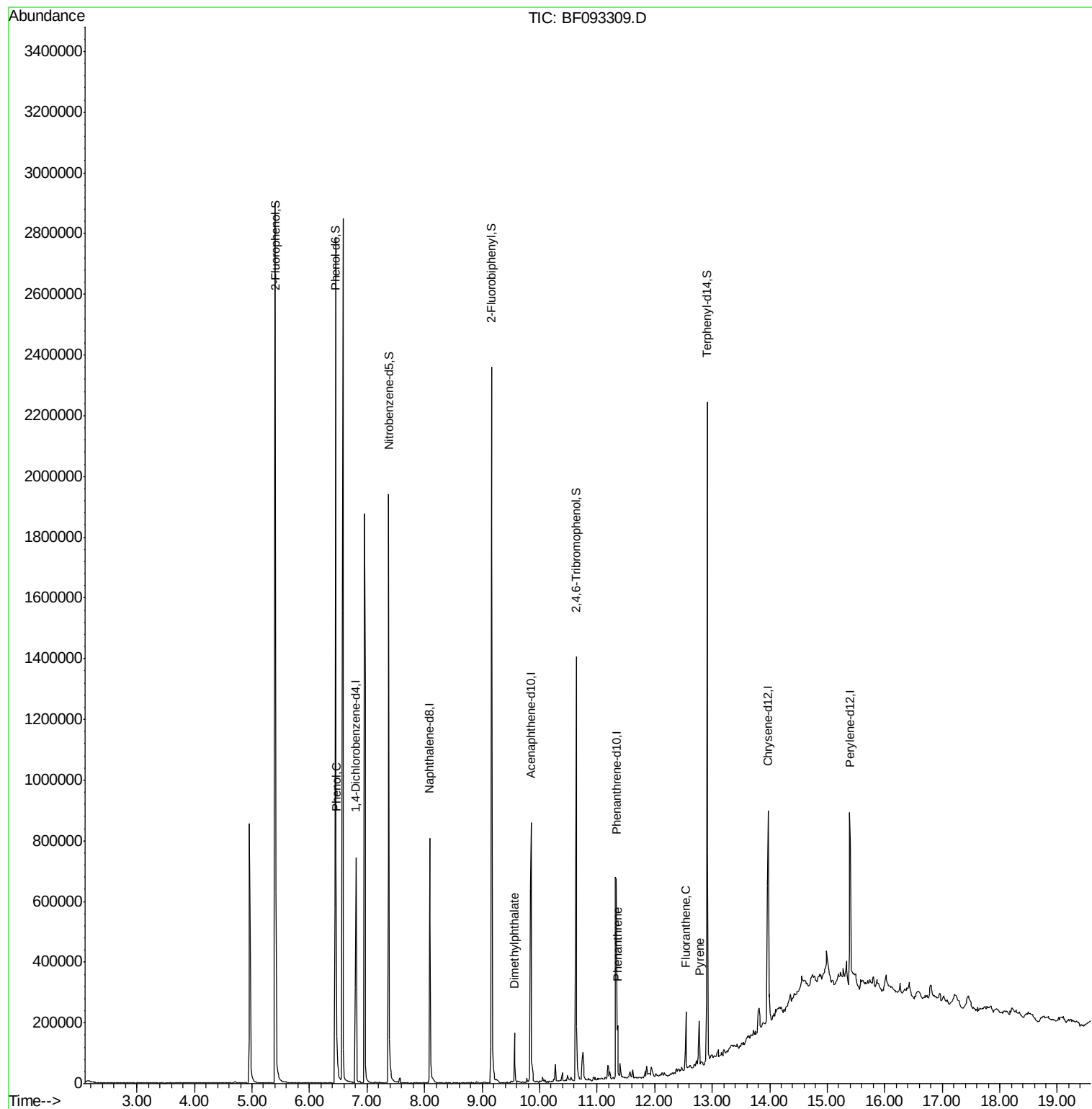
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132714	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	518596	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	233618	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	379249	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	290699	20.00	ng	-0.05
86) Perylene-d12	15.39	264	287295	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	839985	108.59	ng	-0.05
7) Phenol-d6	6.45	99	1006950	101.17	ng	-0.03
23) Nitrobenzene-d5	7.38	82	703971	75.59	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	174853	103.48	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1088689	84.43	ng	-0.06
78) Terphenyl-d14	12.91	244	687438	55.56	ng	-0.06
Target Compounds						
10) Phenol	6.46	94	76699	6.59	ng	79
49) Dimethylphthalate	9.56	163	77569	4.93	ng	98
70) Phenanthrene	11.36	178	87278	4.02	ng	95
74) Fluoranthene	12.54	202	80671	3.60	ng	95
77) Pyrene	12.77	202	67041	3.08	ng	98

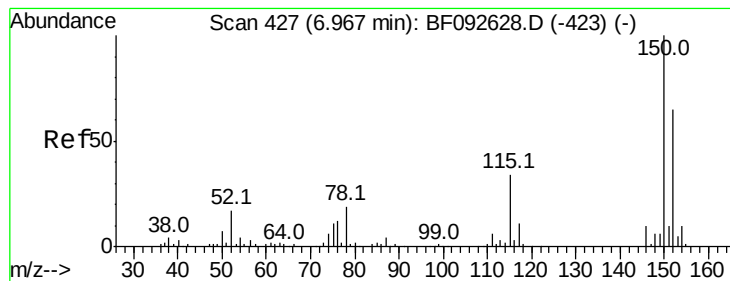
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093309.D
Acq On : 2 Mar 2017 00:28
Operator : SJ/MA
Sample : I2036-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-C

Quant Time: Mar 02 02:16:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093309.D

Acq: 2 Mar 2017 00:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-001-C

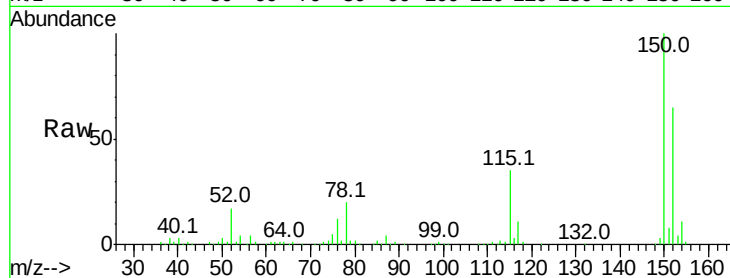
Tot Ion:152 Resp: 132714

Ion Ratio Lower Upper

152 100

150 153.0 124.9 187.3

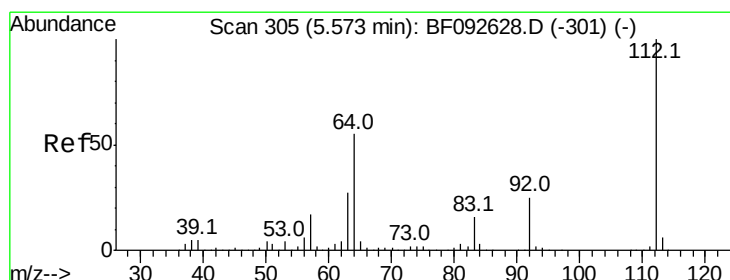
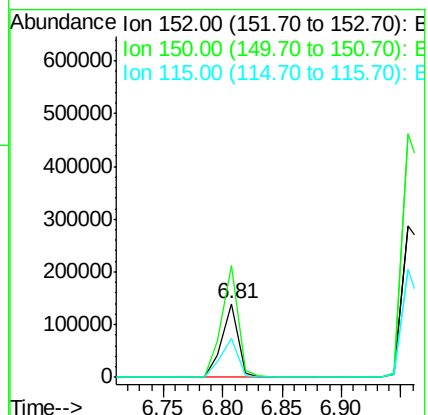
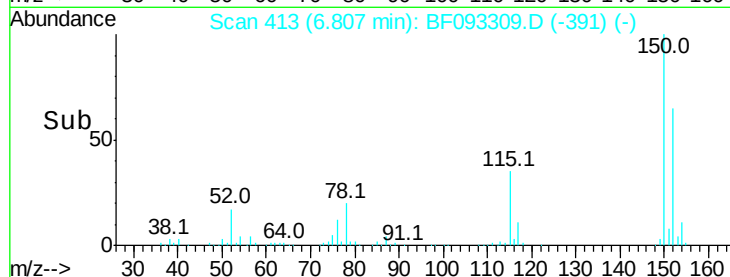
115 53.5 46.0 69.0



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: 108.59 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093309.D

Acq: 2 Mar 2017 00:28

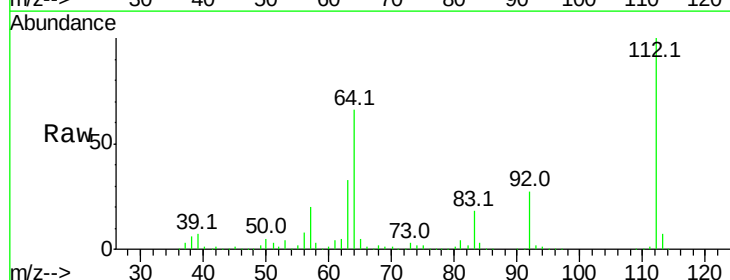
Tgt Ion:112 Resp: 839985

Ion Ratio Lower Upper

112 100

64 66.1 46.1 69.1

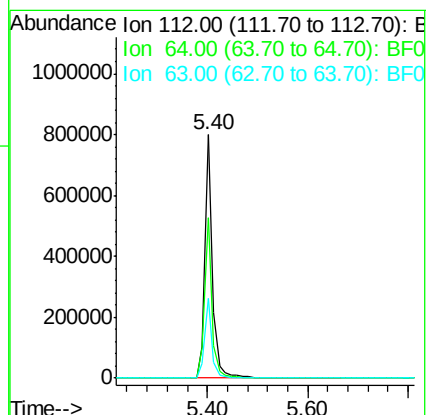
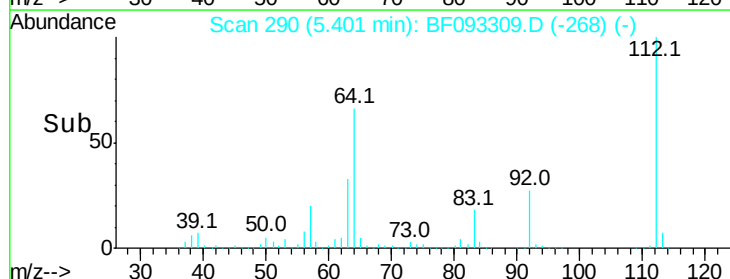
63 32.7 23.8 35.6

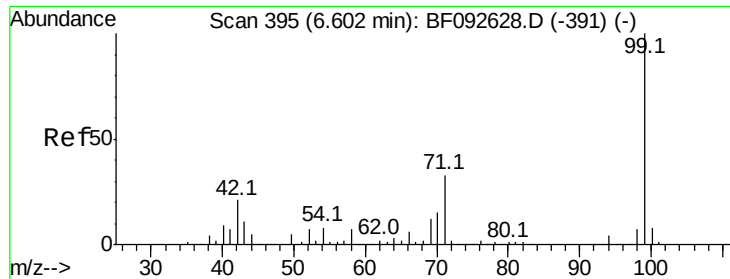


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.17 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093309.D

Acq: 2 Mar 2017 00:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-001-C

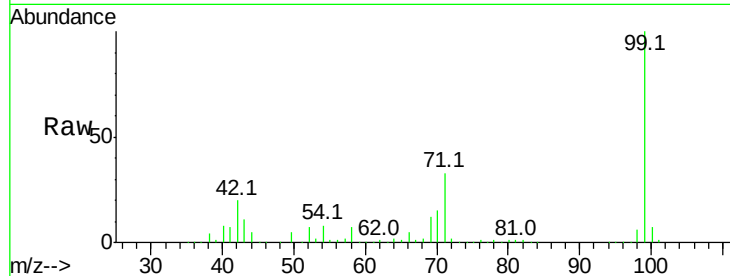
Tot Ion: 99 Resp: 1006950

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

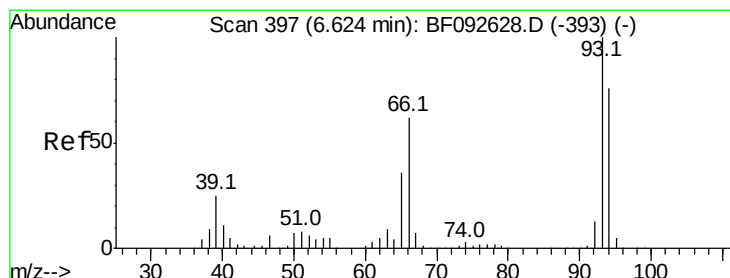
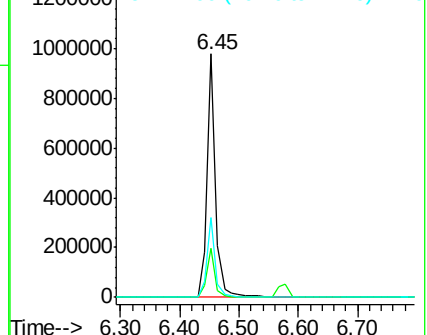
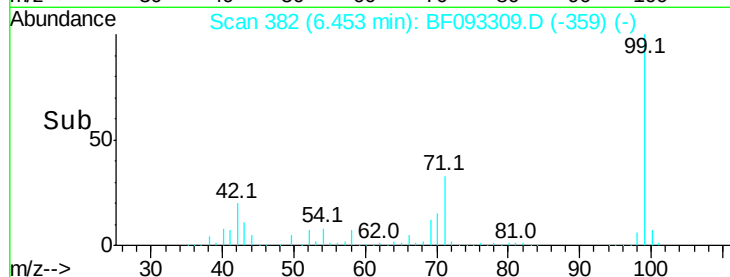
71 32.6 27.5 41.3



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



#10

Phenol

Concen: 6.59 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093309.D

Acq: 2 Mar 2017 00:28

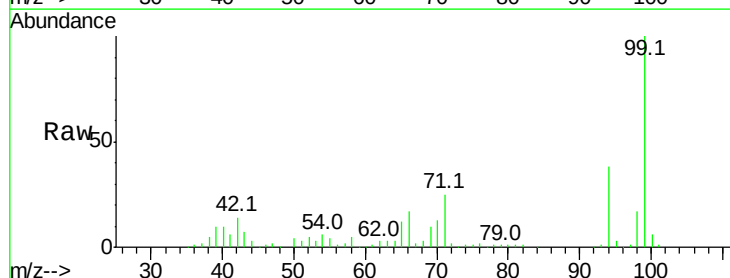
Tgt Ion: 94 Resp: 76699

Ion Ratio Lower Upper

94 100

65 30.4 21.4 61.4

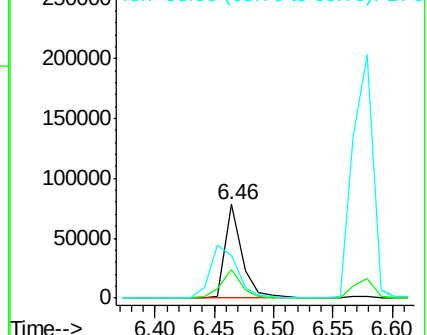
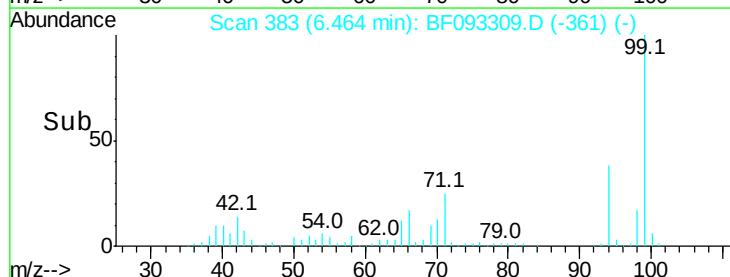
66 45.4 44.0 84.0

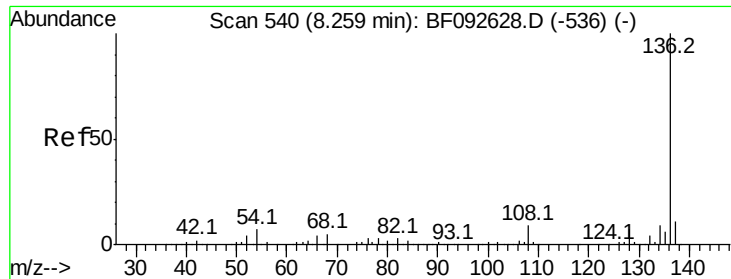


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

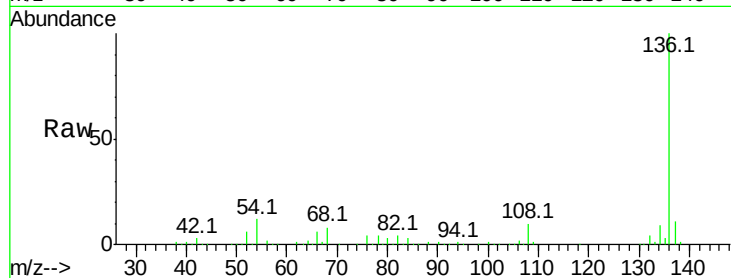




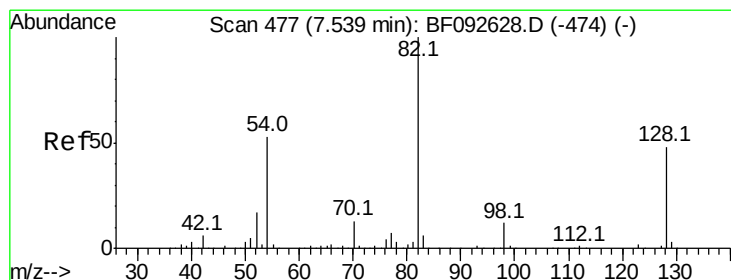
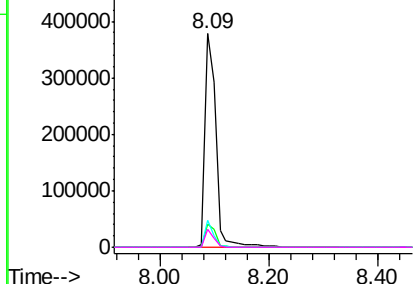
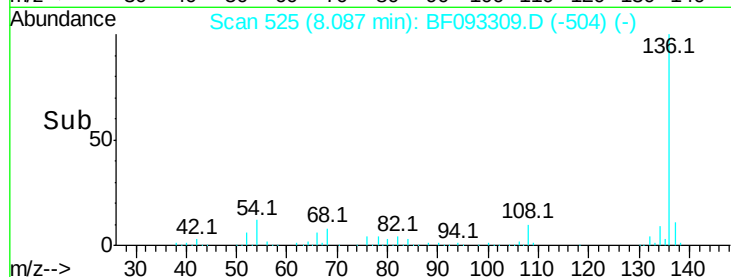
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093309.D
Acq: 2 Mar 2017 00:28

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-C

Tot Ion:	136	Resp:	518596
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	12.4	4.5	6.7#
68	8.5	3.6	5.4#

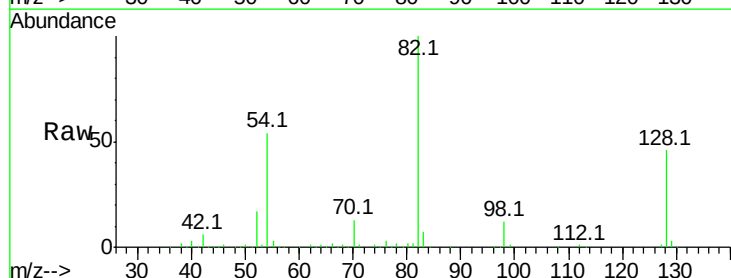


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

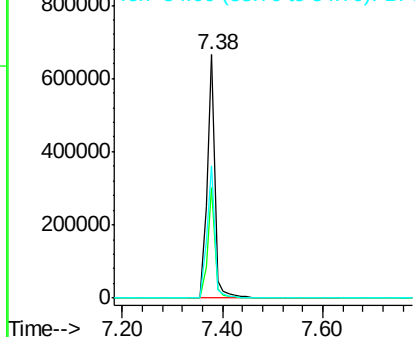
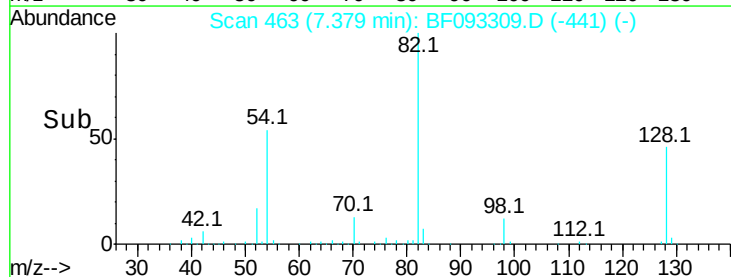


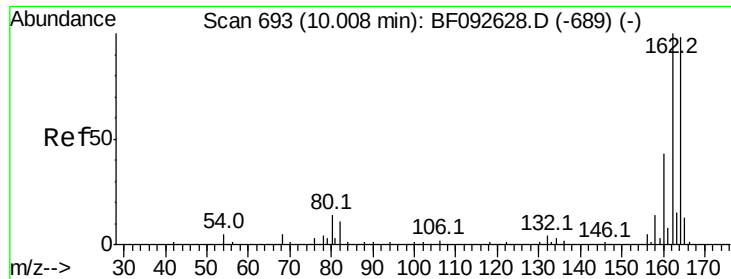
#23
Nitrobenzene-d5
Concen: 75.59 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093309.D
Acq: 2 Mar 2017 00:28

Tgt Ion:	82	Resp:	703971
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	52.0
54	54.2	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

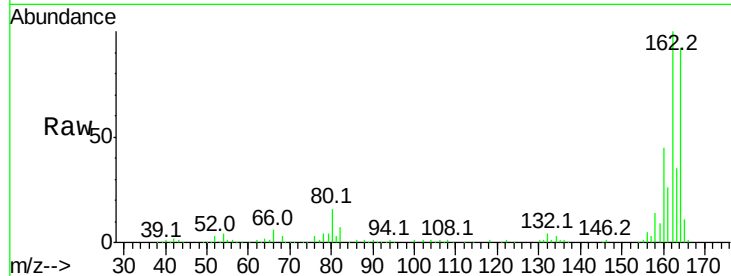




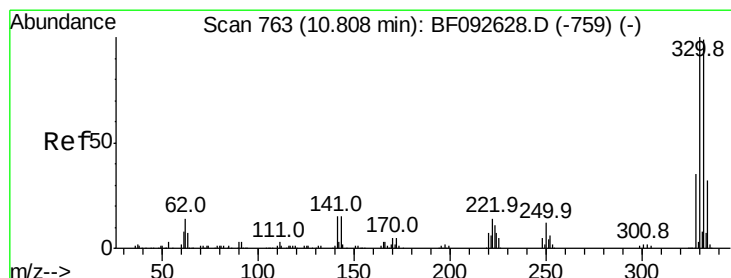
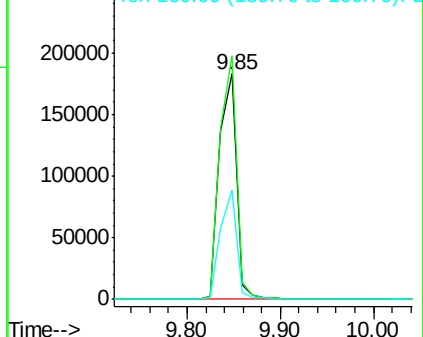
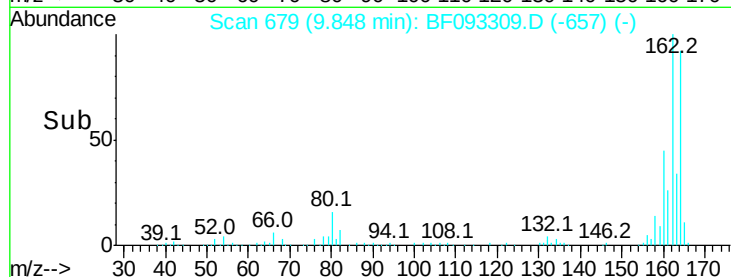
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF093309.D
 Acq: 2 Mar 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-001-C

Tot Ion:164 Resp: 233618
 Ion Ratio Lower Upper
 164 100
 162 108.2 80.2 120.2
 160 48.7 36.9 55.3

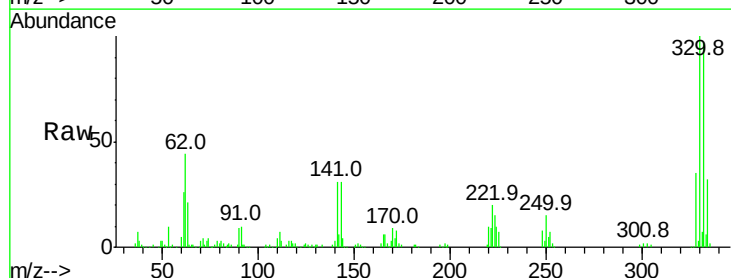


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

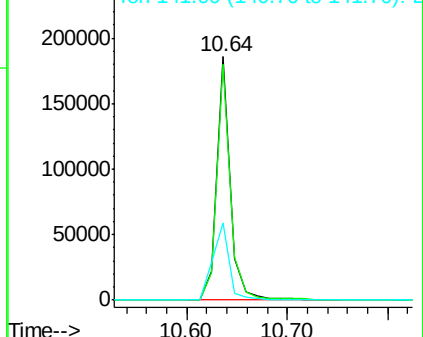
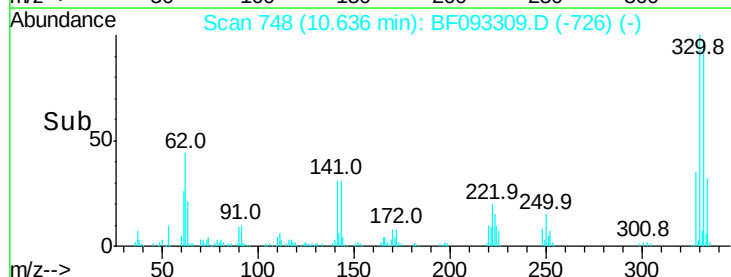


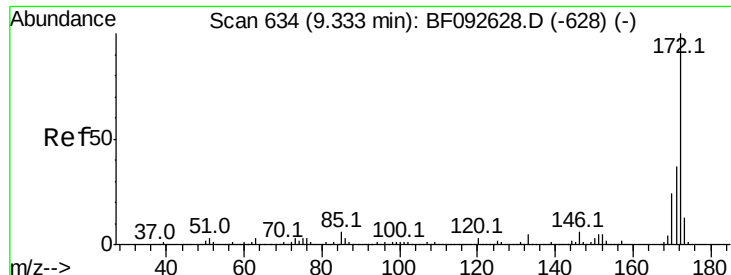
#41
 2,4,6-Tribromophenol
 Concen: 103.48 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093309.D
 Acq: 2 Mar 2017 00:28

Tgt Ion:330 Resp: 174853
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 38.4 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



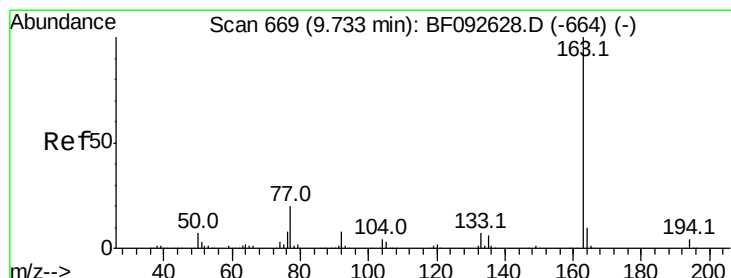
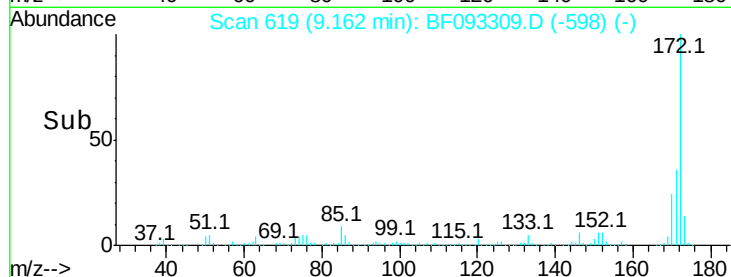
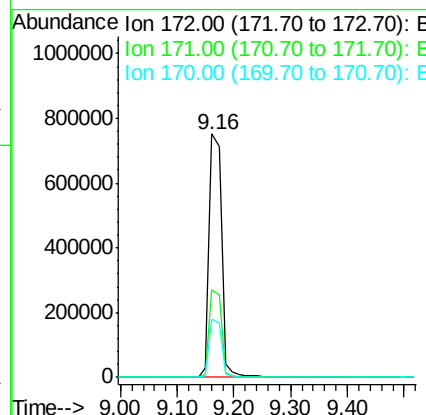
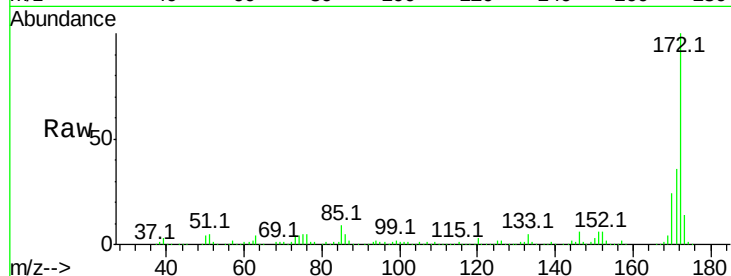


#44
 2-Fluorobiphenyl
 Concen: 84.43 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093309.D
 Acq: 2 Mar 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-001-C

Tot Ion:172 Resp: 1088689

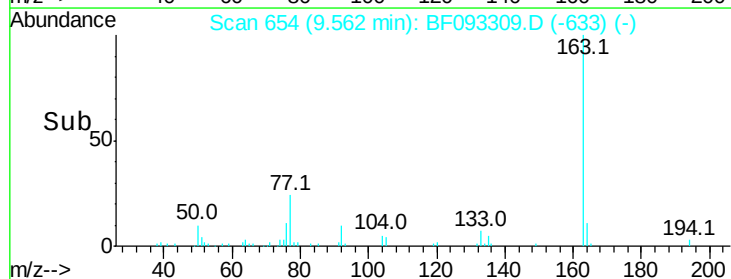
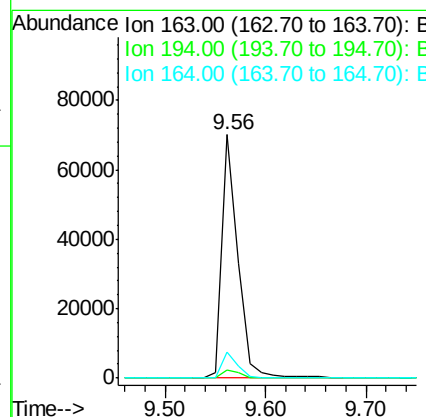
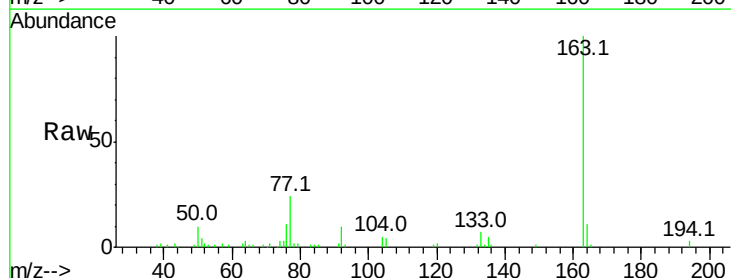
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.0	20.2	30.4

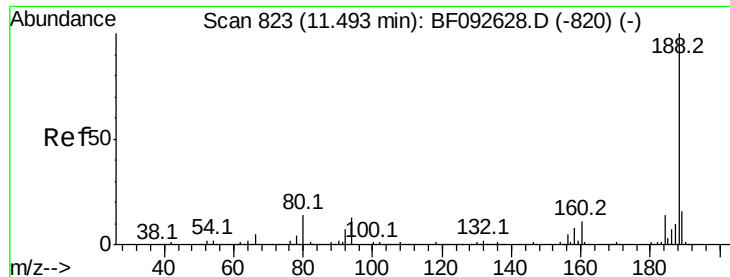


#49
 Dimethylphthalate
 Concen: 4.93 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF093309.D
 Acq: 2 Mar 2017 00:28

Tgt Ion:163 Resp: 77569

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.9	8.0	12.0

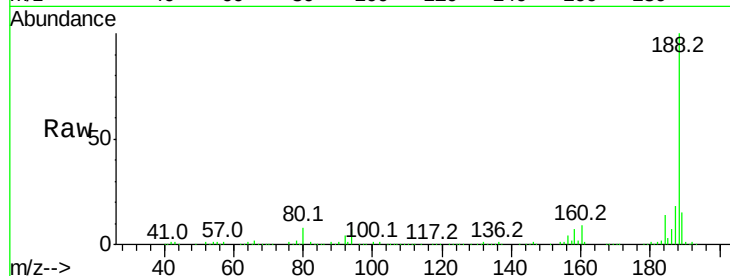




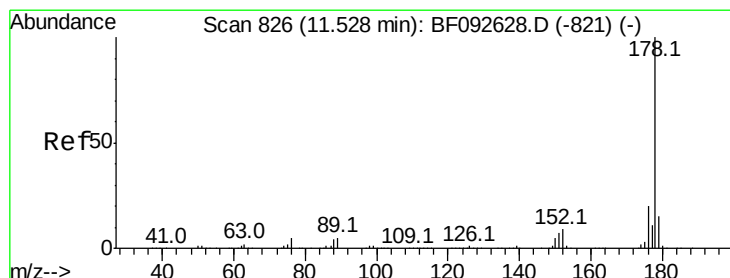
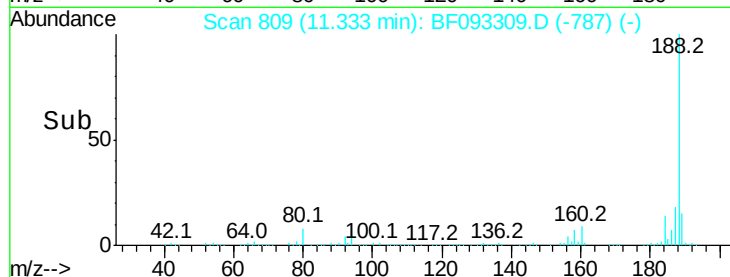
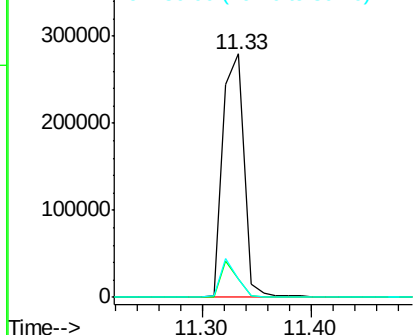
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093309.D
Acq: 2 Mar 2017 00:28

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-C

Tot Ion:188 Resp: 379249
Ion Ratio Lower Upper
188 100
94 7.5 10.0 15.0#
80 7.7 11.2 16.8#

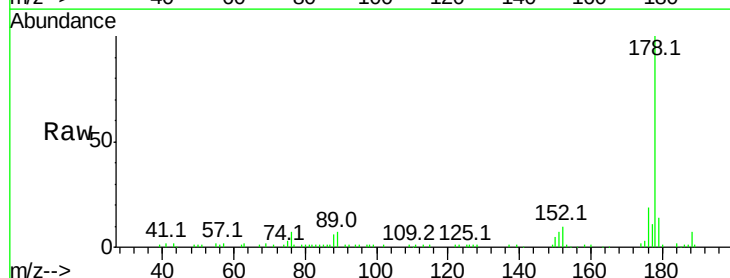


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

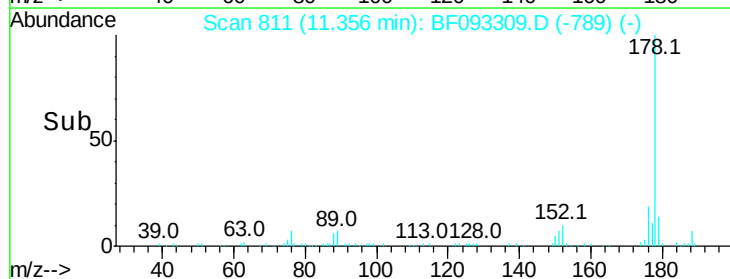
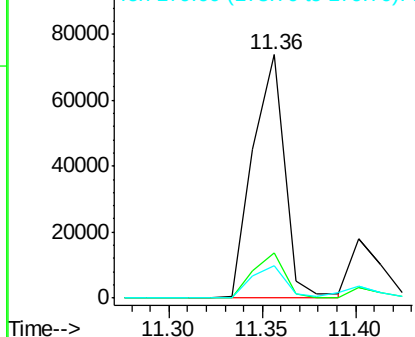


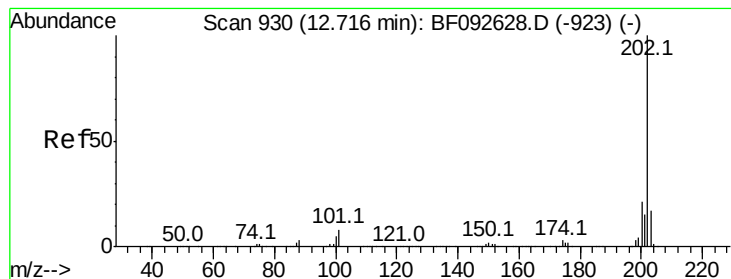
#70
Phenanthrene
Concen: 4.02 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093309.D
Acq: 2 Mar 2017 00:28

Tgt Ion:178 Resp: 87278
Ion Ratio Lower Upper
178 100
176 18.8 16.6 25.0
179 13.5 12.8 19.2



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: 3.60 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093309.D

Acq: 2 Mar 2017 00:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-001-C

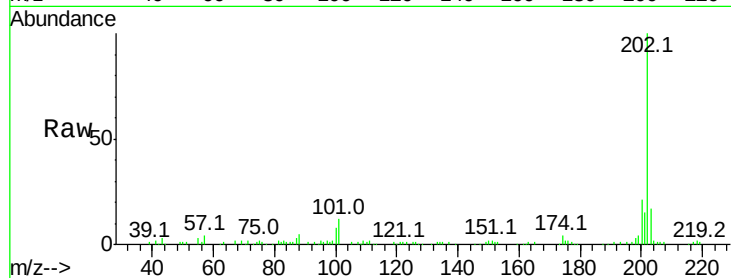
Tot Ion:202 Resp: 80671

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.6

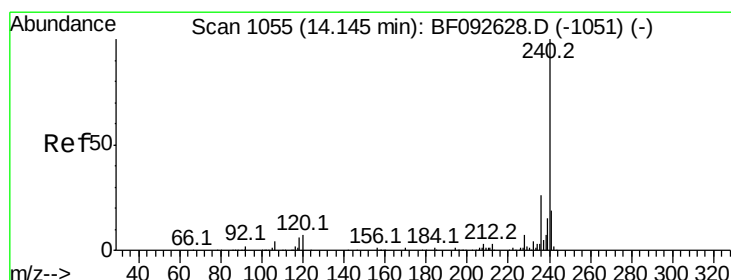
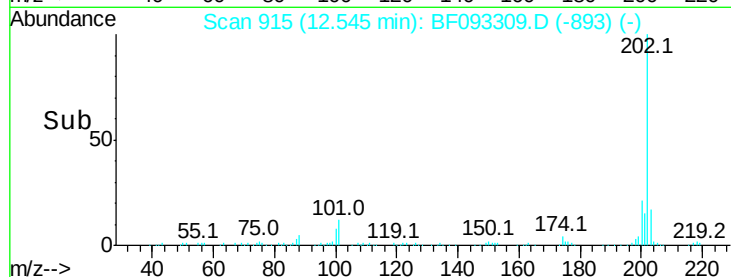
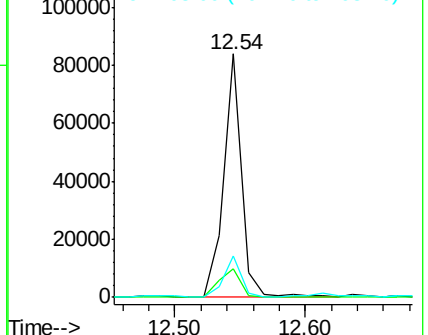
203 17.2 0.0 38.7



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# 1040

Delta R.T. -0.05 min

Lab File: BF093309.D

Acq: 2 Mar 2017 00:28

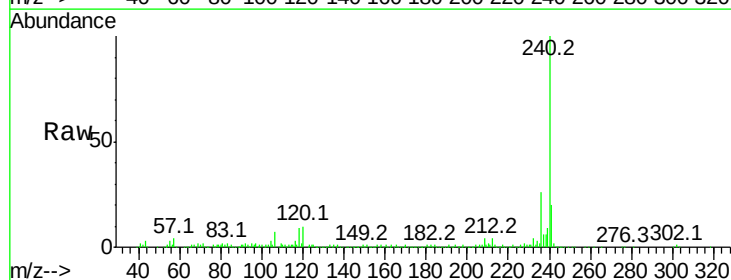
Tgt Ion:240 Resp: 290699

Ion Ratio Lower Upper

240 100

120 9.8 12.9 19.3#

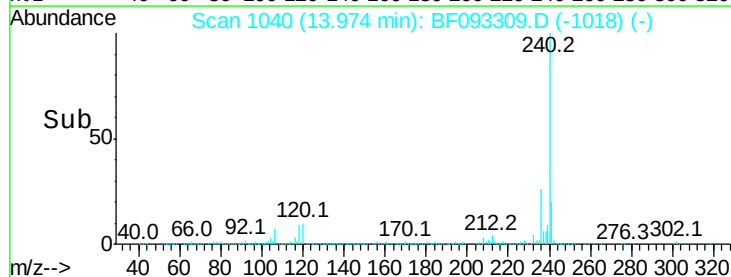
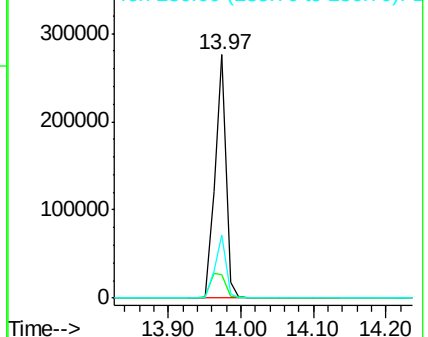
236 25.8 20.9 31.3

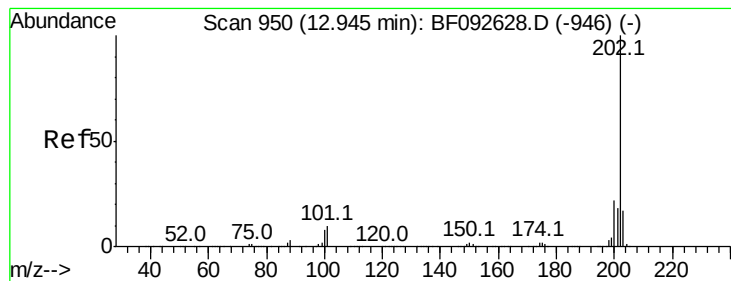


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.08 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF093309.D

Acq: 2 Mar 2017 00:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-001-C

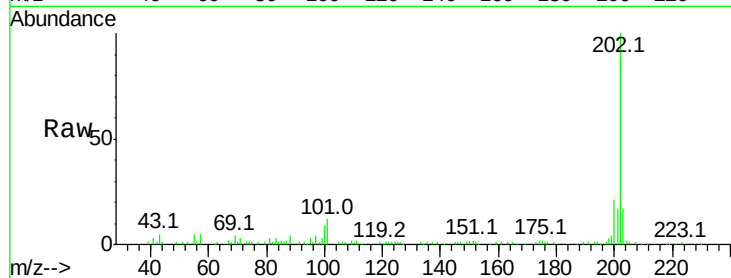
Tot Ion:202 Resp: 67041

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

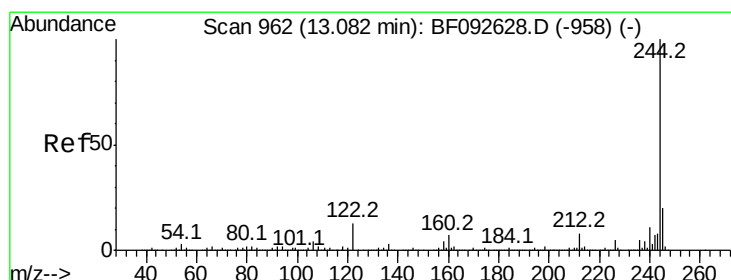
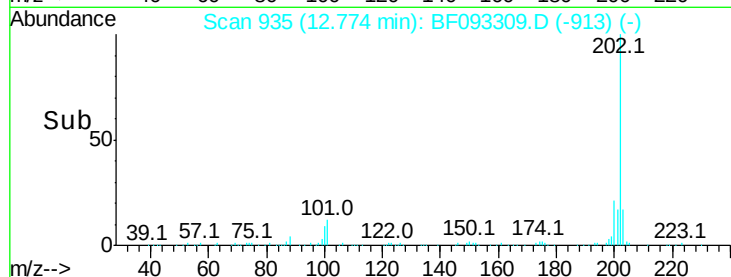
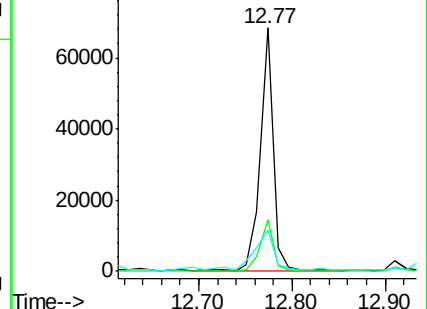
203 17.0 14.7 22.1



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: 55.56 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093309.D

Acq: 2 Mar 2017 00:28

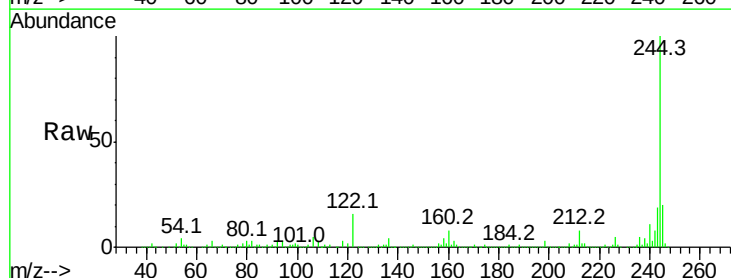
Tgt Ion:244 Resp: 687438

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

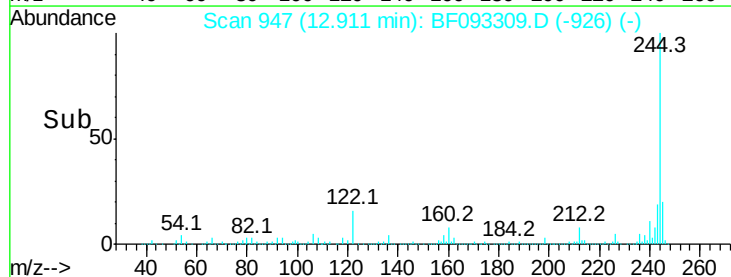
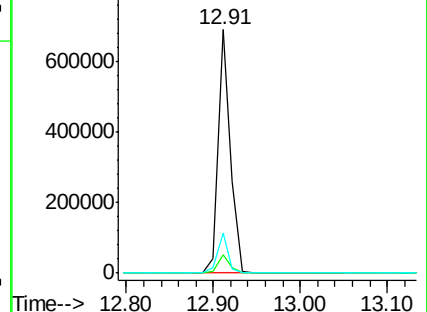
122 16.3 11.4 17.2

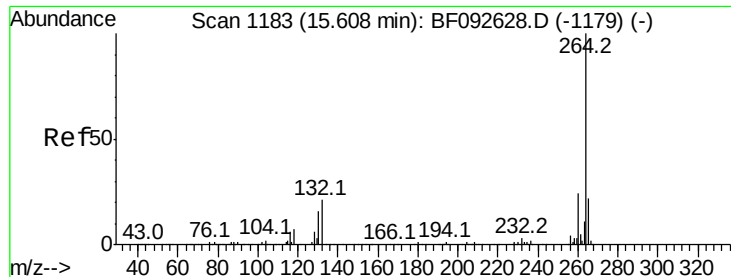


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

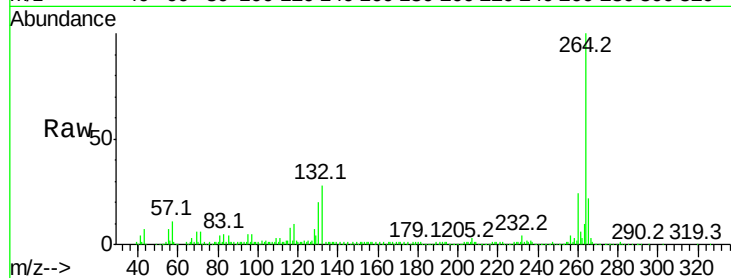




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093309.D
Acq: 2 Mar 2017 00:28

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.4	26.0



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

