

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094234.D
 Acq On : 6 Apr 2017 17:59
 Operator : SJ/MA
 Sample : I2537-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5-(0-5)

Quant Time: Apr 06 18:25:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

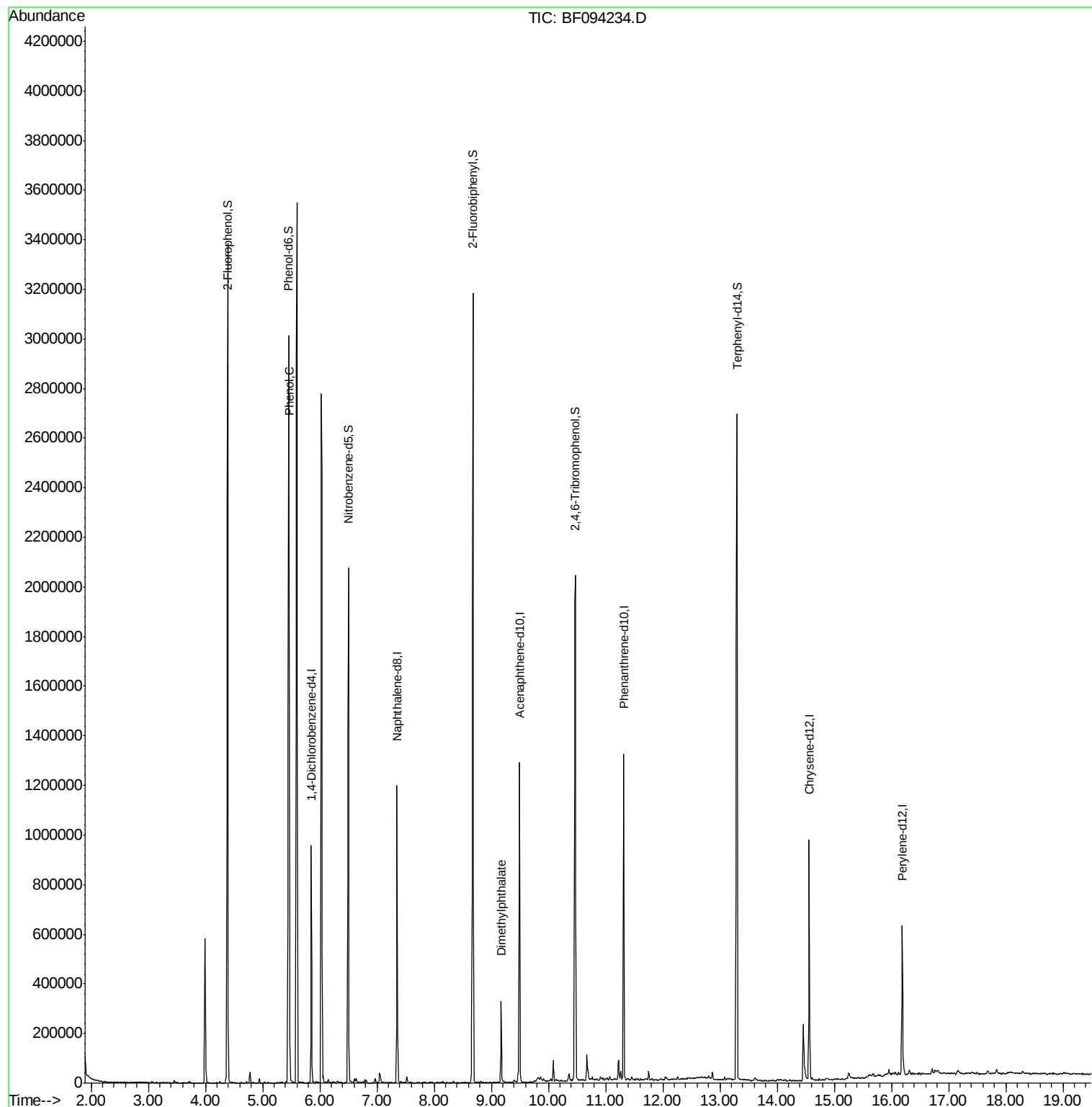
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	143804	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	591396	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	277503	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	496910	20.00	ng	0.00
75) Chrysene-d12	14.56	240	352697	20.00	ng	-0.01
86) Perylene-d12	16.19	264	242061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1071477	125.85	ng	0.00
7) Phenol-d6	5.46	99	1337385	126.97	ng	0.00
23) Nitrobenzene-d5	6.50	82	801121	77.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	286236	130.53	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1258278	69.16	ng	0.00
78) Terphenyl-d14	13.30	244	1033909	65.71	ng	0.00
Target Compounds						
10) Phenol	5.47	94	104443	8.71	ng	89
49) Dimethylphthalate	9.17	163	150382	7.62	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

Instrument :

BNA_F

ClientSampleId :

B5-(0-5)

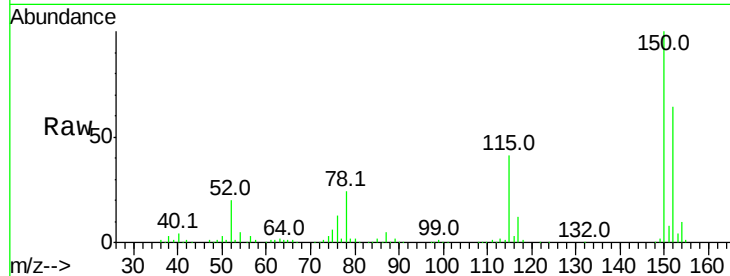
Tot Ion:152 Resp: 143804

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

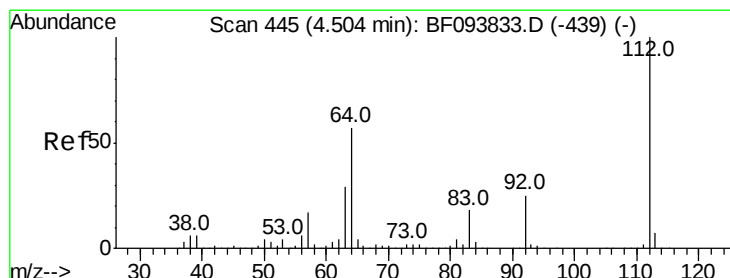
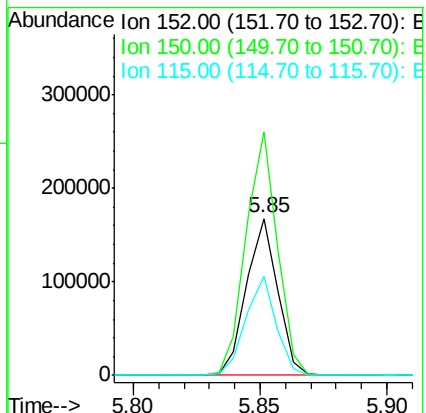
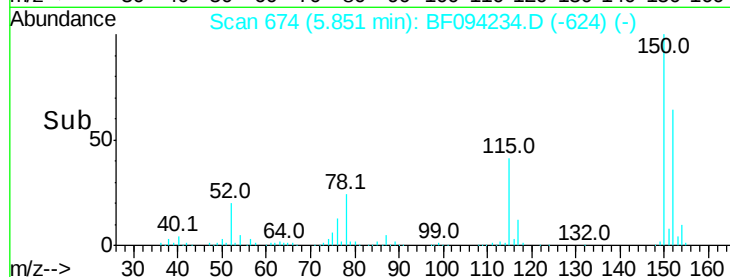
115 63.3 52.2 78.2



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: 125.85 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

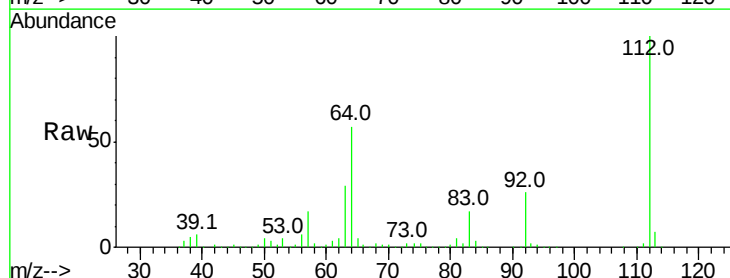
Tgt Ion:112 Resp: 1071477

Ion Ratio Lower Upper

112 100

64 57.4 46.0 69.0

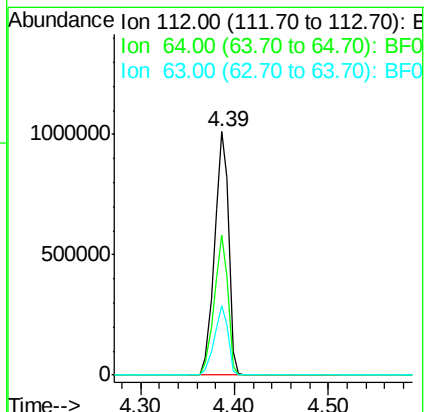
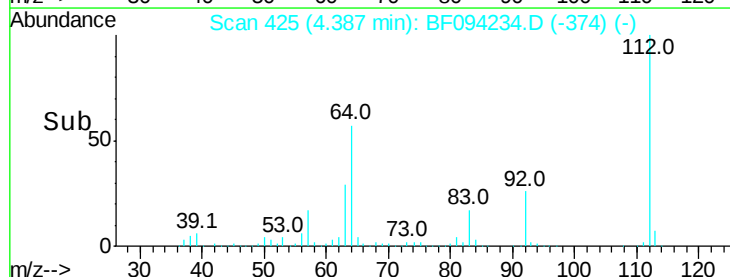
63 28.5 23.4 35.0

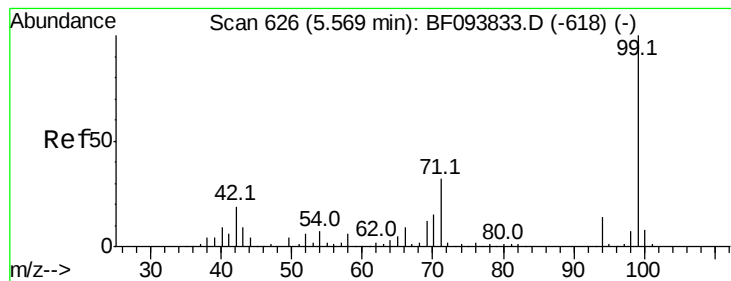


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.97 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

Instrument :

BNA_F

ClientSampled :

B5-(0-5)

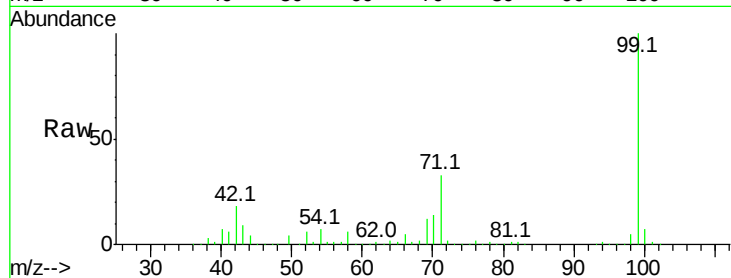
Tot Ion: 99 Resp: 1337385

Ion Ratio Lower Upper

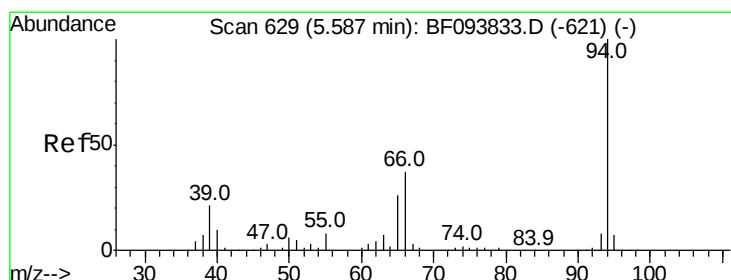
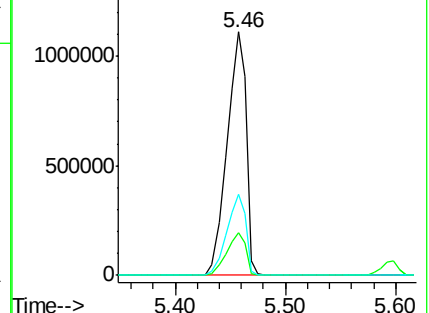
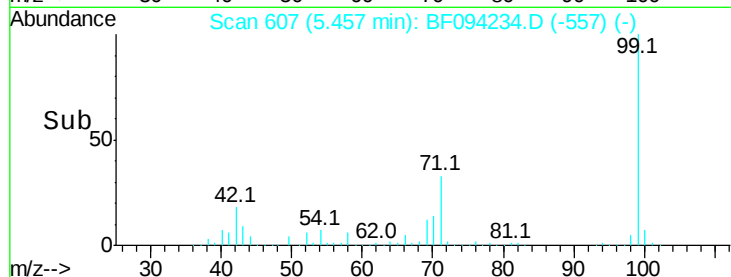
99 100

42 17.7 13.5 20.3

71 33.3 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: 8.71 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

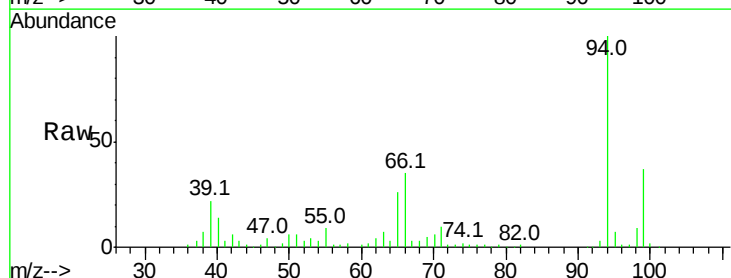
Tgt Ion: 94 Resp: 104443

Ion Ratio Lower Upper

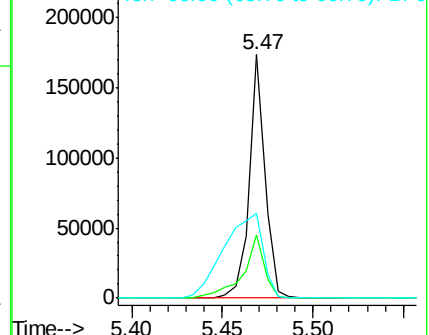
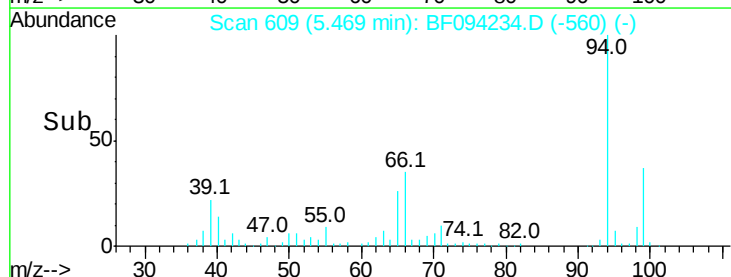
94 100

65 26.2 9.9 49.9

66 34.8 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: 7.35 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

Instrument :

BNA_F

ClientSampleId :

B5-(0-5)

Tot Ion:136 Resp: 591396

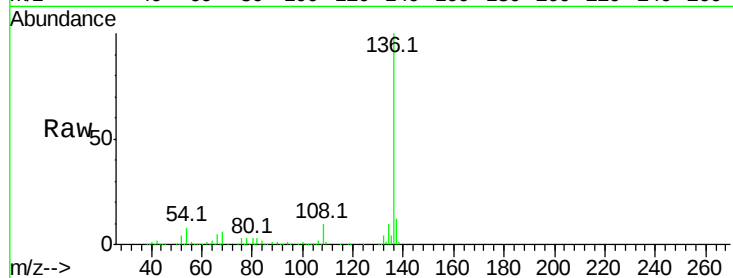
Ion Ratio Lower Upper

136 100

137 11.8 8.5 12.7

54 7.7 4.9 7.3#

68 6.4 4.1 6.1#

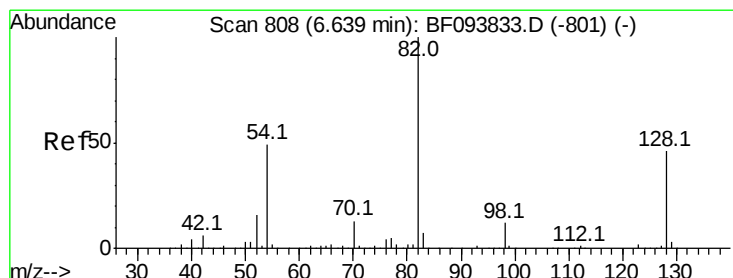
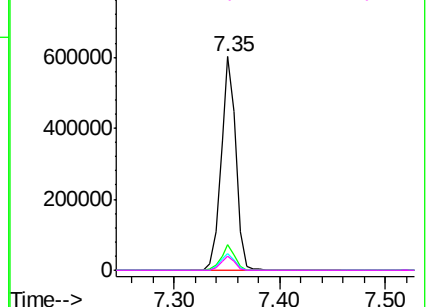
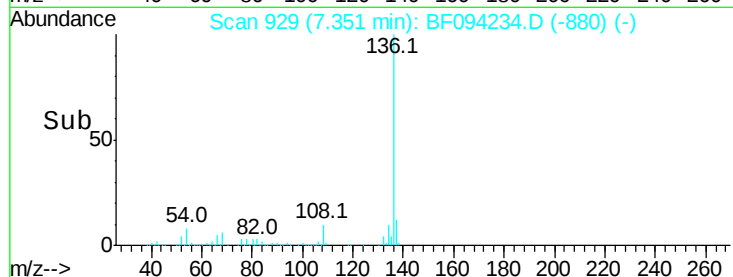


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.31 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

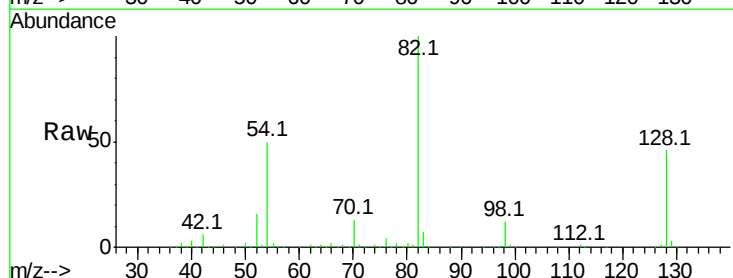
Tgt Ion: 82 Resp: 801121

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

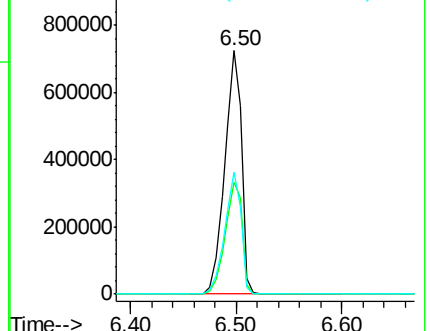
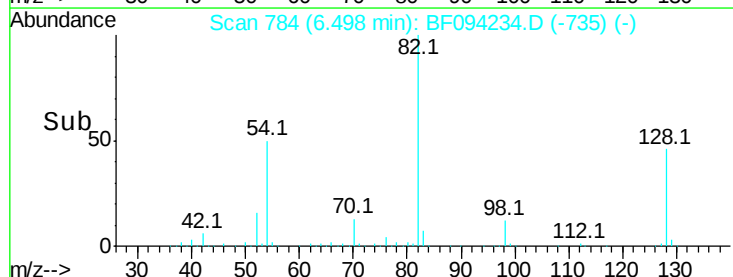
54 49.9 42.2 63.2



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

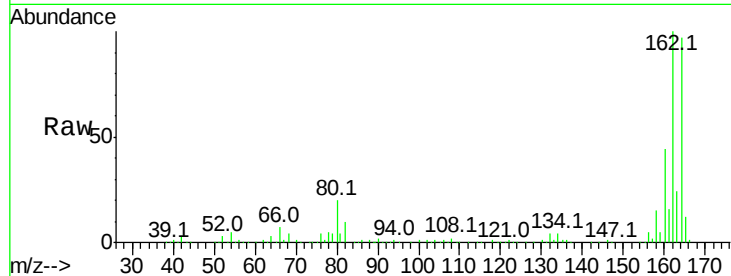




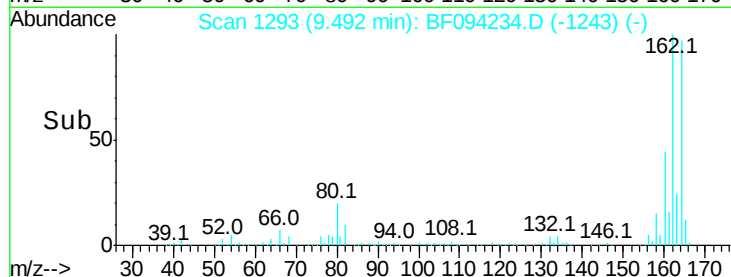
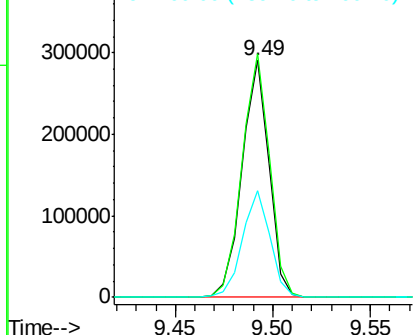
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094234.D
 Acq: 6 Apr 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 B5-(0-5)

Tot Ion:164 Resp: 277503
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 45.2 36.2 54.2

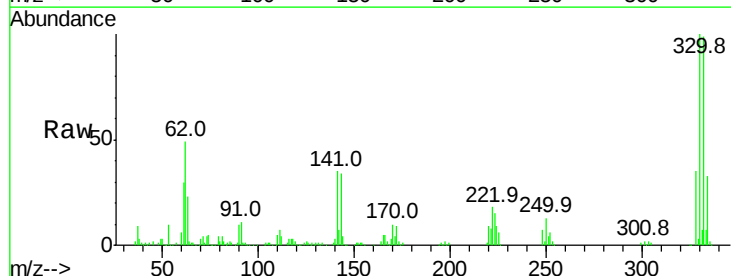


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

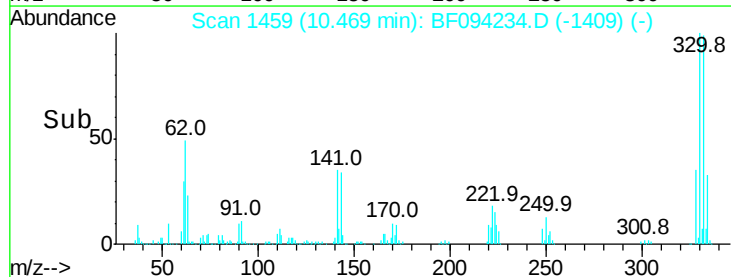
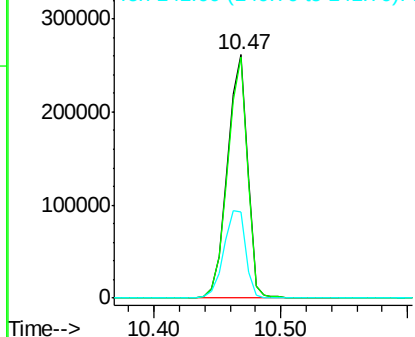


#41
 2,4,6-Tribromophenol
 Concen: 130.53 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094234.D
 Acq: 6 Apr 2017 17:59

Tgt Ion:330 Resp: 286236
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 39.3 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

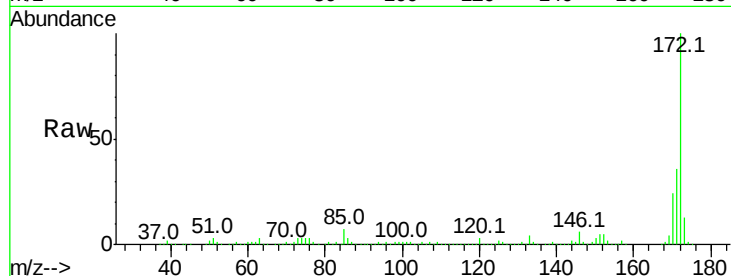




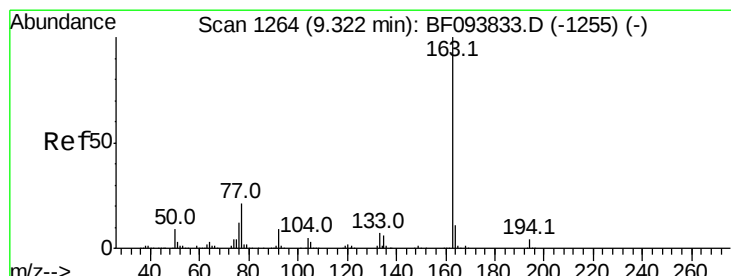
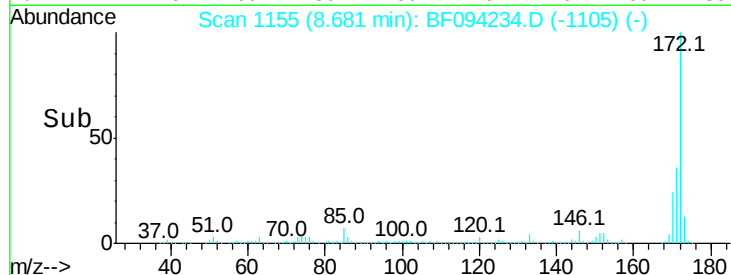
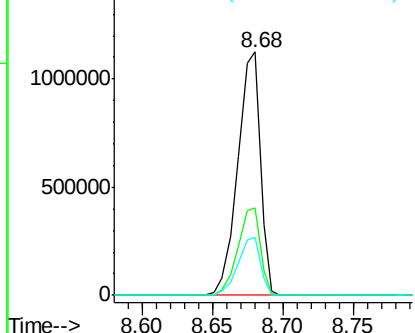
#44
2-Fluorobiphenyl
Concen: 69.16 ng
RT: 8.68 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF094234.D
Acq: 6 Apr 2017 17:59

Instrument :
BNA_F
ClientSampleId :
B5-(0-5)

Tot Ion:172 Resp: 1258278
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.8 19.8 29.8

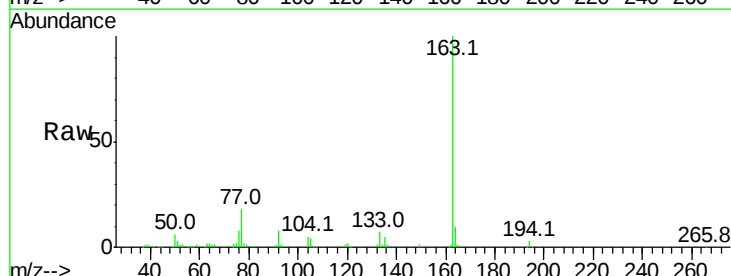


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

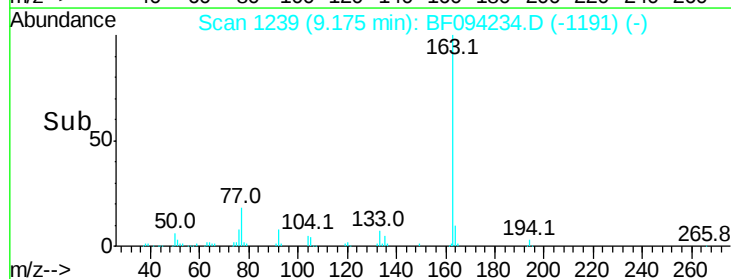
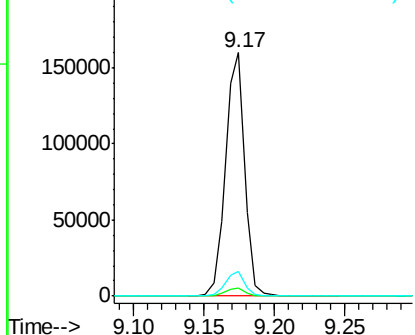


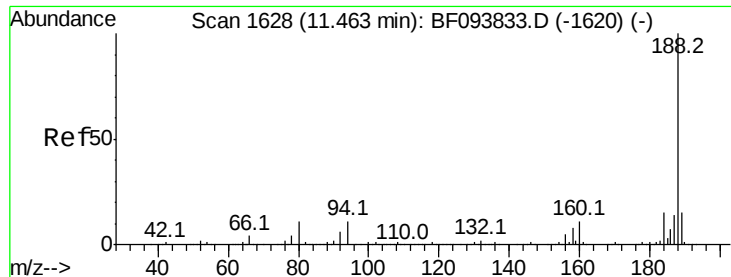
#49
Dimethylphthalate
Concen: 7.62 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094234.D
Acq: 6 Apr 2017 17:59

Tgt Ion:163 Resp: 150382
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 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: 11.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

Instrument :

BNA_F

ClientSampleId :

B5-(0-5)

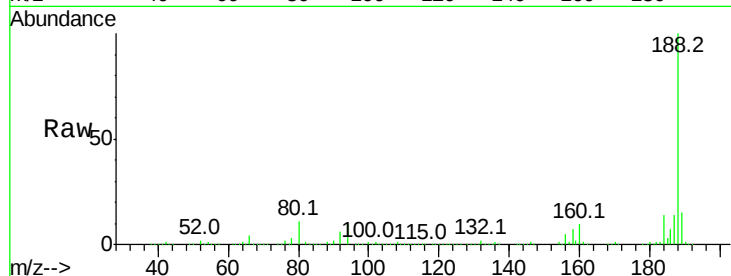
Tot Ion:188 Resp: 496910

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

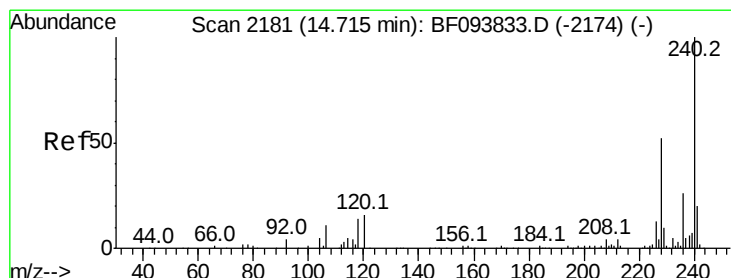
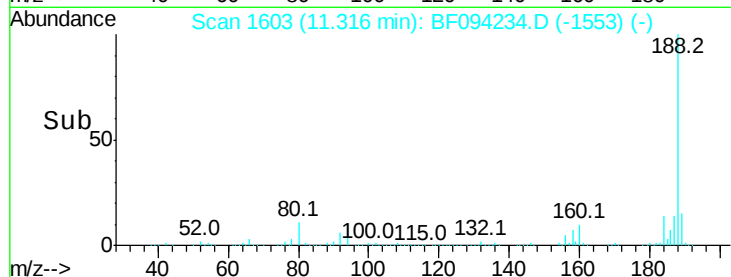
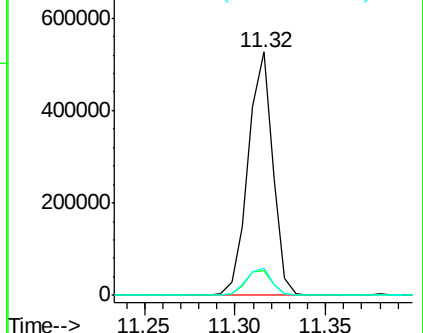
80 11.5 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

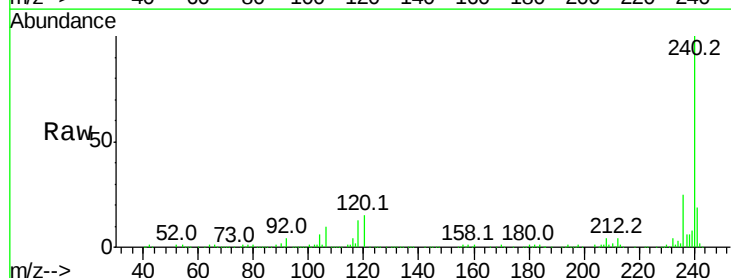
Tgt Ion:240 Resp: 352697

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

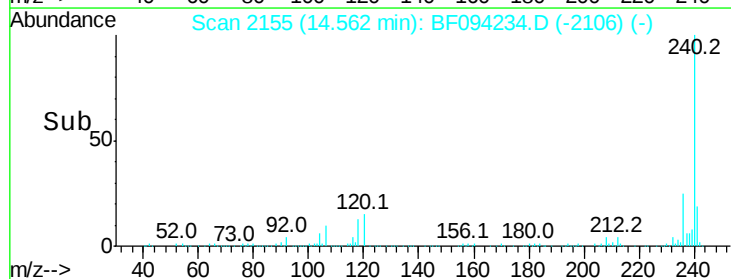
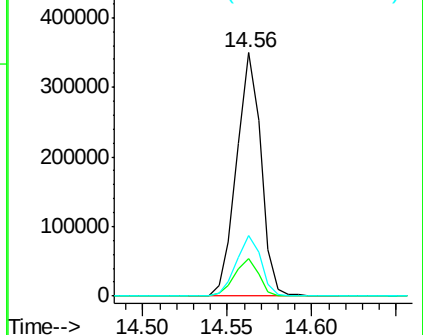
236 24.7 20.5 30.7

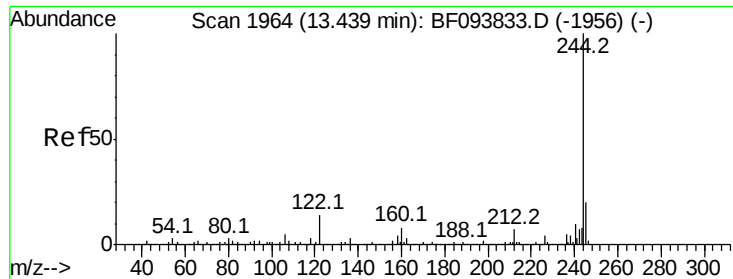


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.71 ng

RT: 13.30 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

Instrument :

BNA_F

ClientSampleID :

B5-(0-5)

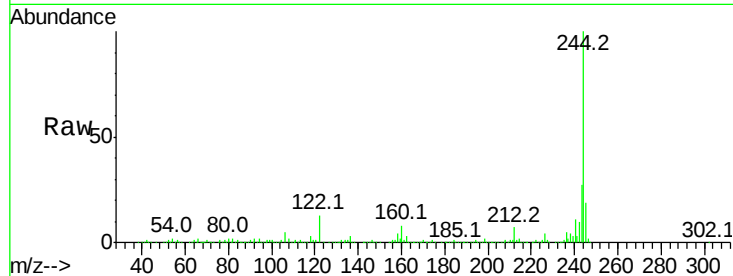
Tot Ion:244 Resp: 1033909

Ion Ratio Lower Upper

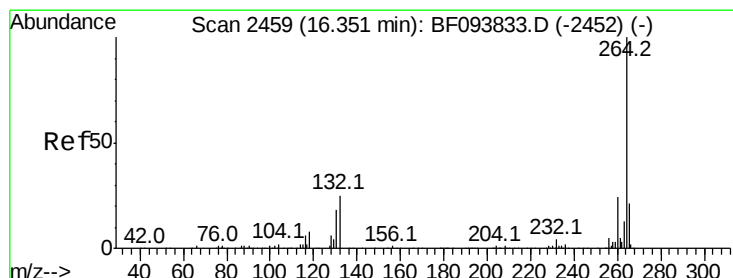
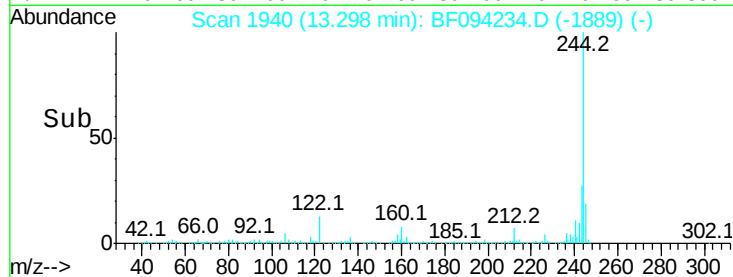
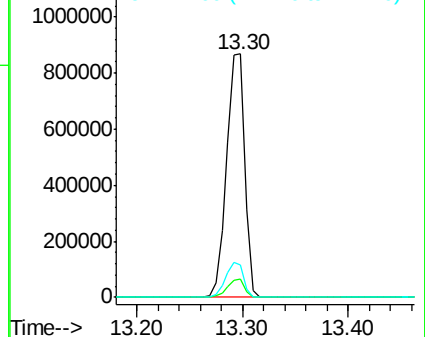
244 100

212 7.4 6.0 9.0

122 13.4 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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.19 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

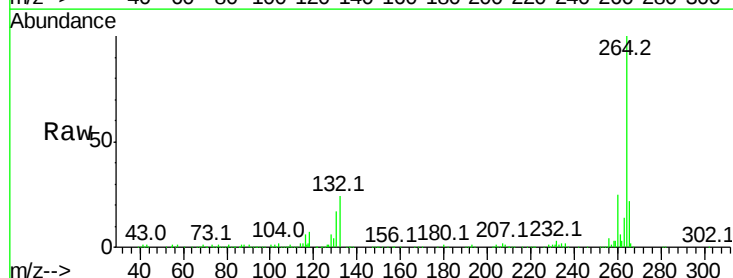
Tgt Ion:264 Resp: 242061

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.3 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

