

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094229.D
 Acq On : 6 Apr 2017 15:40
 Operator : SJ/MA
 Sample : I2537-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)

Quant Time: Apr 06 16:20:09 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

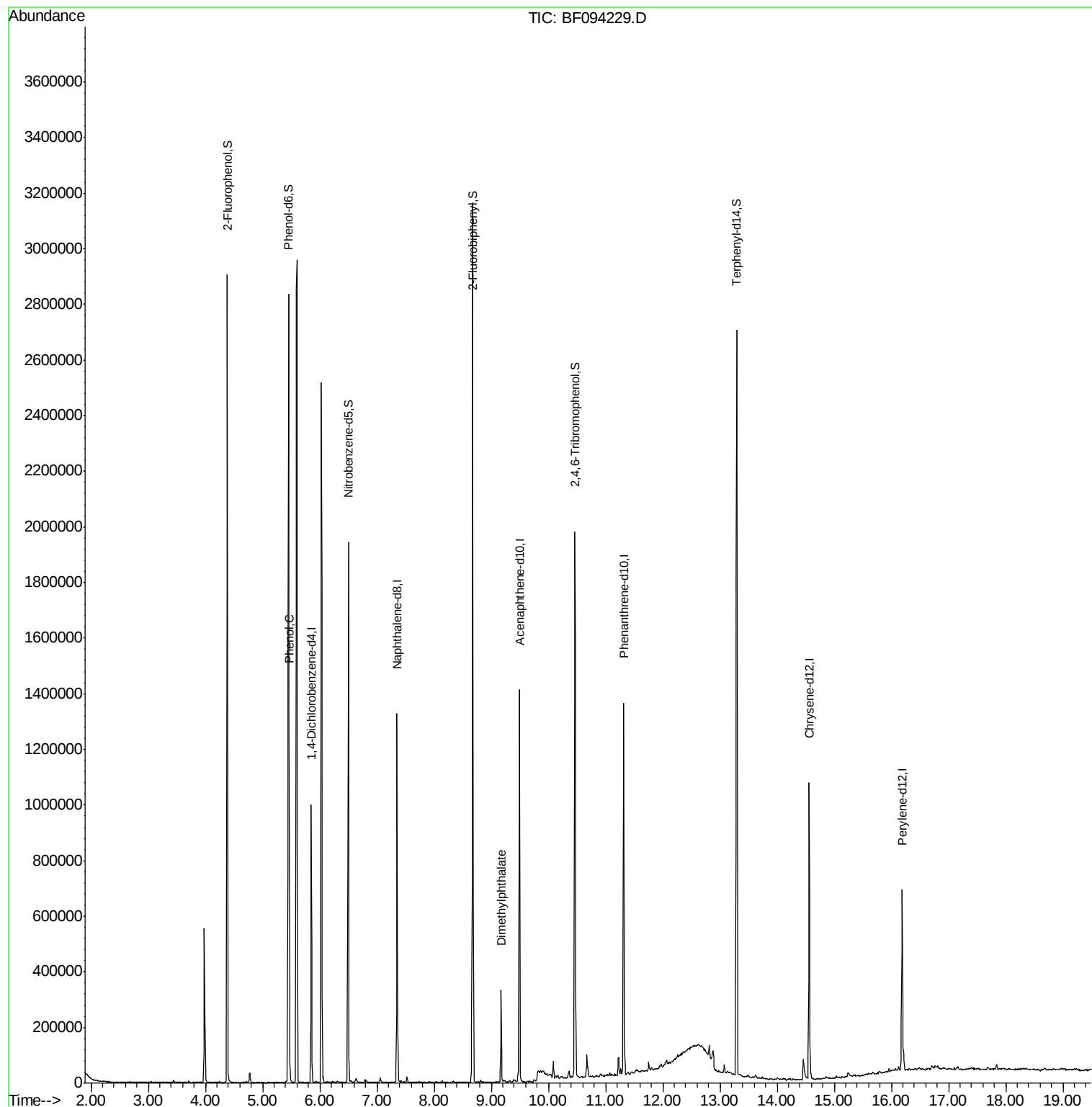
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	159643	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	654362	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	299782	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	532603	20.00	ng	0.00
75) Chrysene-d12	14.56	240	392345	20.00	ng	-0.01
86) Perylene-d12	16.19	264	271902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	903984	95.64	ng	0.00
7) Phenol-d6	5.46	99	1180462	100.96	ng	0.00
23) Nitrobenzene-d5	6.50	82	711084	62.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	251910	106.34	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1176360	59.85	ng	-0.01
78) Terphenyl-d14	13.29	244	948550	54.19	ng	0.00
Target Compounds						
10) Phenol	5.47	94	88186	6.63	ng	85
49) Dimethylphthalate	9.17	163	156185	7.33	ng	99

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

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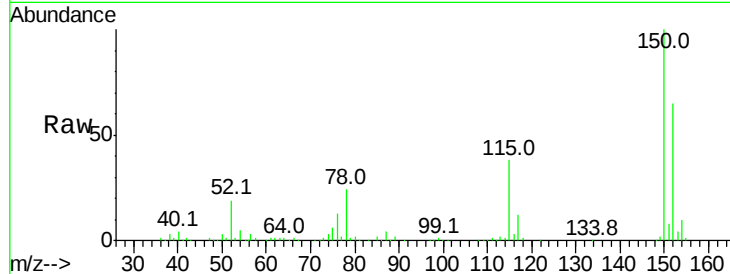


#1

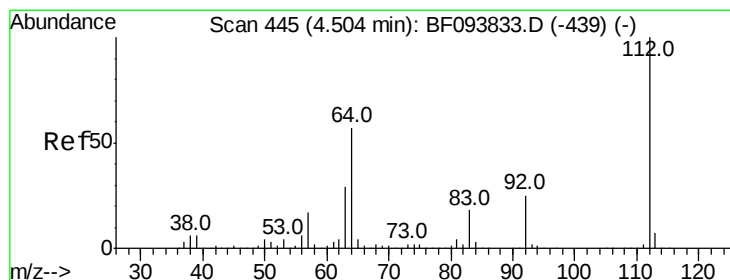
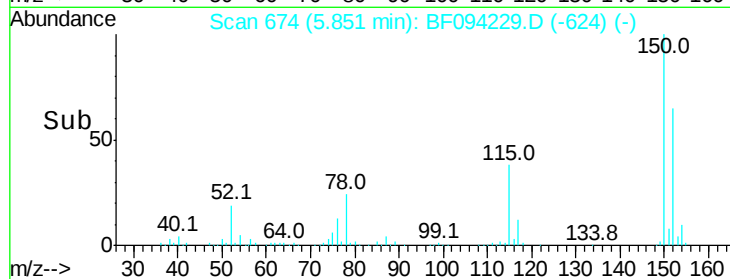
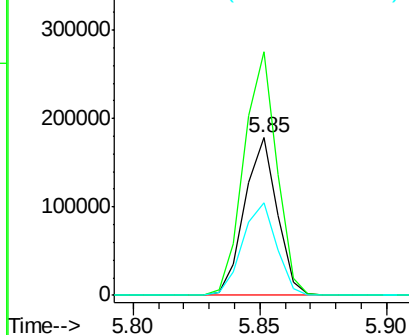
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094229.D
Acq: 6 Apr 2017 15:40

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)

Tot Ion:152 Resp: 159643
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 58.9 52.2 78.2



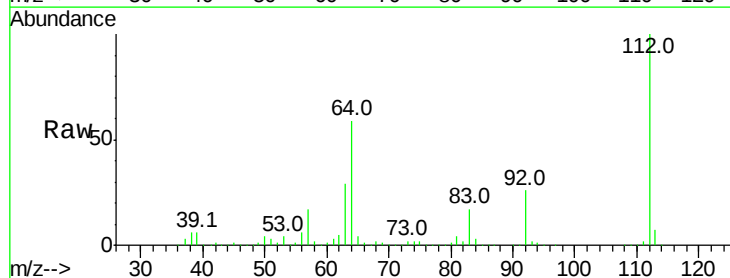
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



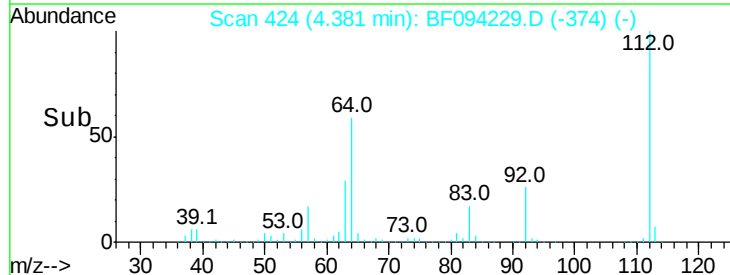
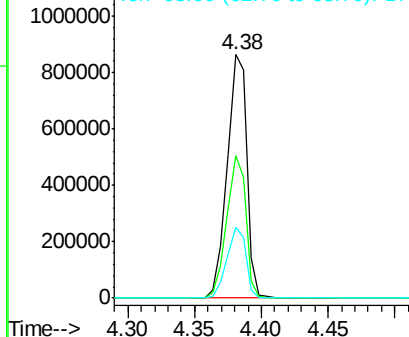
#5

2-Fluorophenol
Concen: 95.64 ng
RT: 4.38 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF094229.D
Acq: 6 Apr 2017 15:40

Tgt Ion:112 Resp: 903984
Ion Ratio Lower Upper
112 100
64 58.6 46.0 69.0
63 28.8 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: 100.96 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094229.D

Acq: 6 Apr 2017 15:40

Instrument :

BNA_F

ClientSampleId :

B4-(0-5)

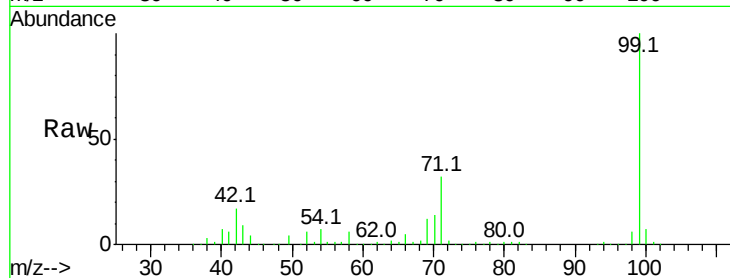
Tot Ion: 99 Resp: 1180462

Ion Ratio Lower Upper

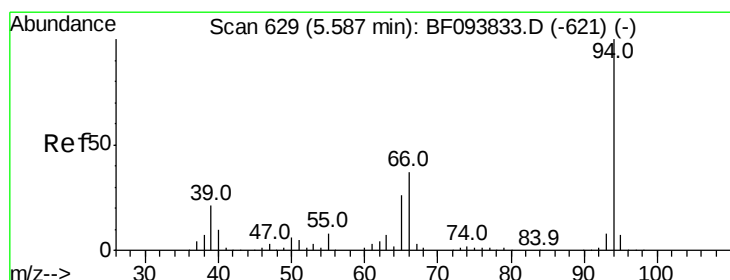
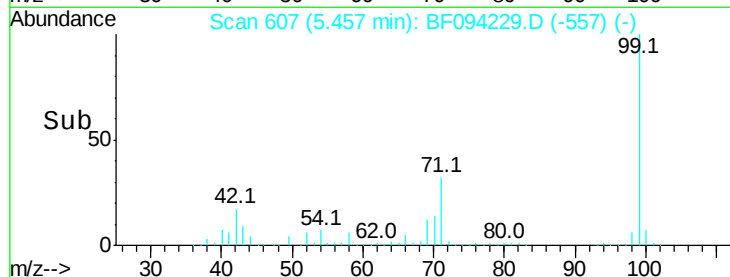
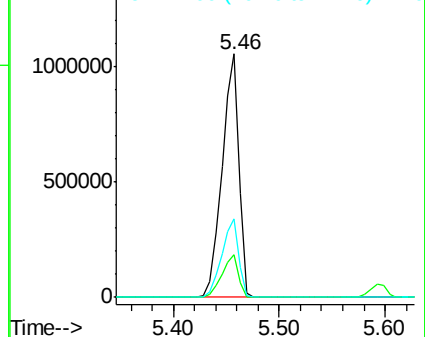
99 100

42 17.4 13.5 20.3

71 32.2 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: 6.63 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF094229.D

Acq: 6 Apr 2017 15:40

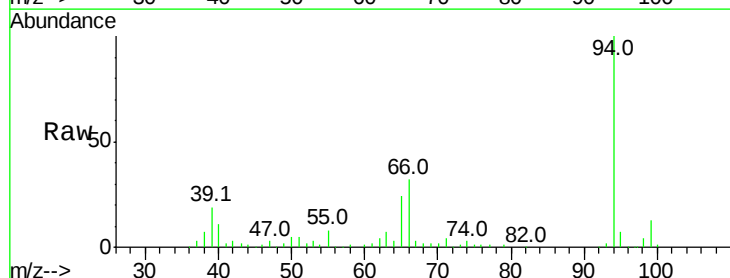
Tgt Ion: 94 Resp: 88186

Ion Ratio Lower Upper

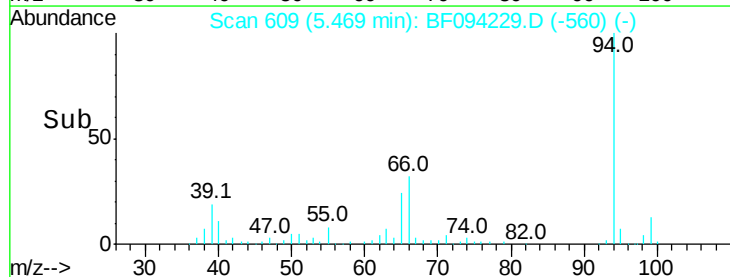
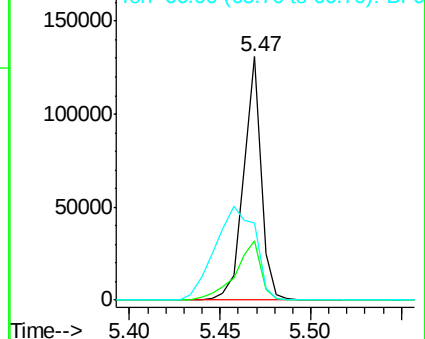
94 100

65 24.2 9.9 49.9

66 31.6 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: BF094229.D

Acq: 6 Apr 2017 15:40

Instrument :

BNA_F

ClientSampleId :

B4-(0-5)

Tot Ion:136 Resp: 654362

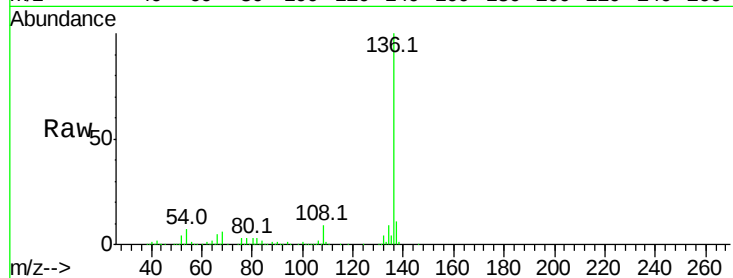
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.4 4.9 7.3#

68 6.0 4.1 6.1

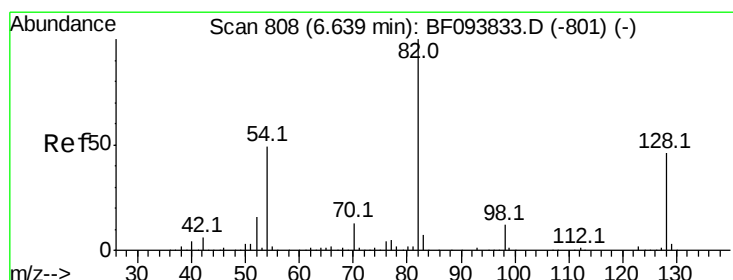
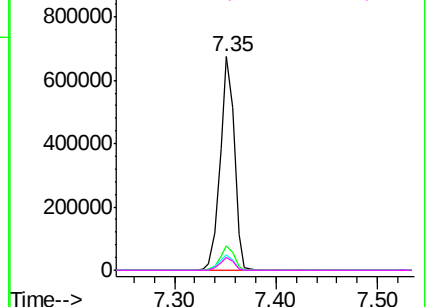
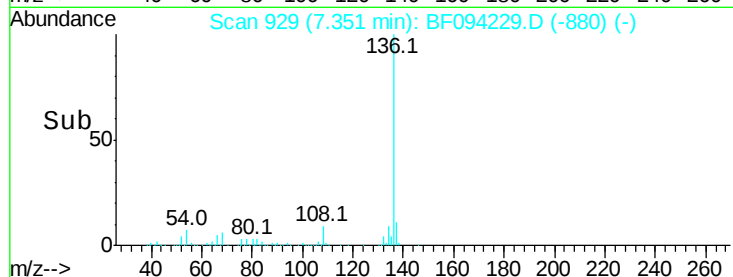


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.02 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF094229.D

Acq: 6 Apr 2017 15:40

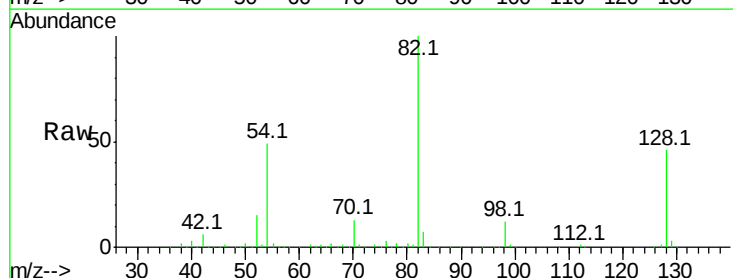
Tgt Ion: 82 Resp: 711084

Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

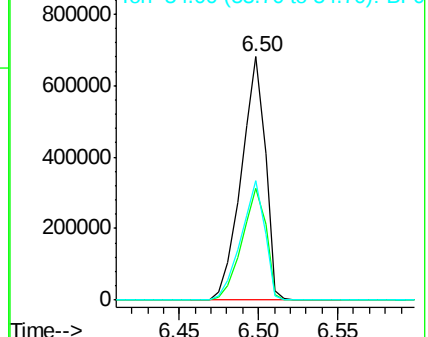
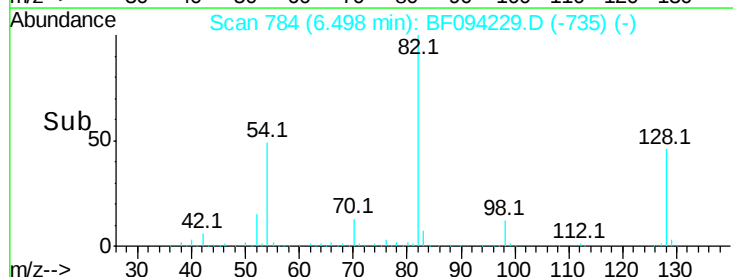
54 49.3 42.2 63.2



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

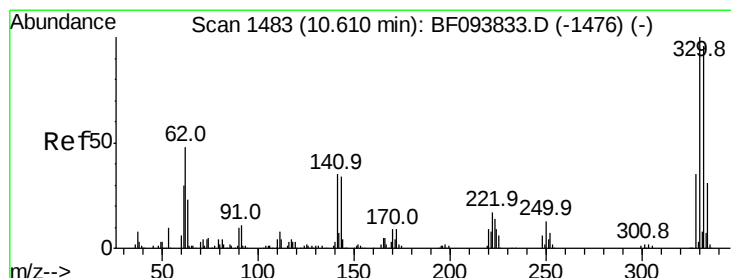
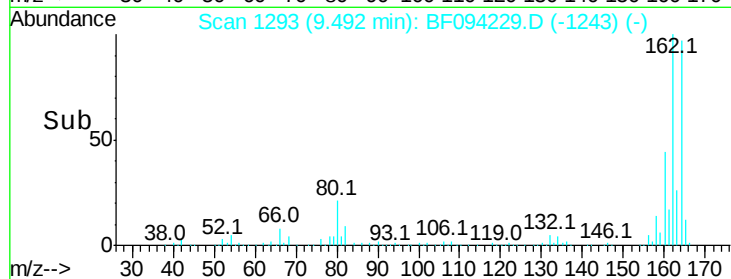
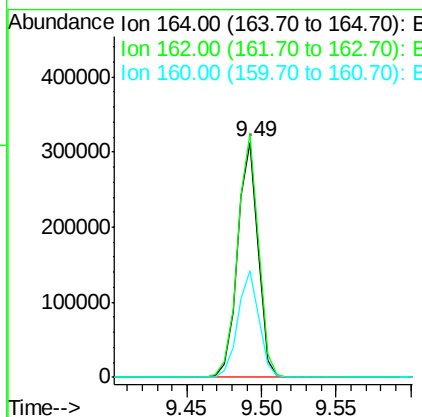
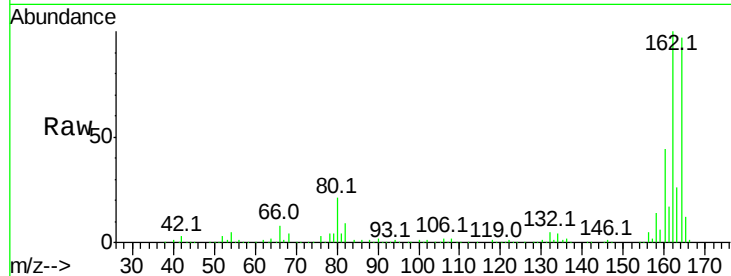




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094229.D
 Acq: 6 Apr 2017 15:40

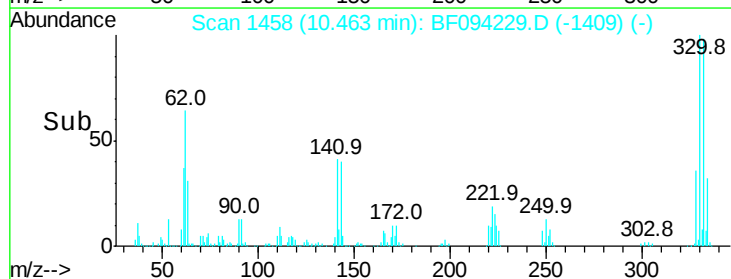
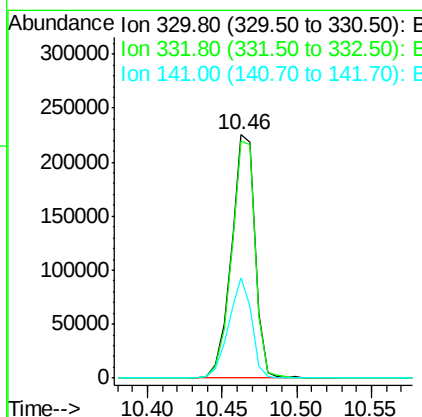
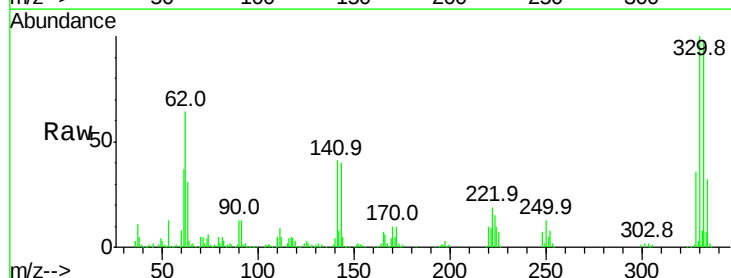
Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)

Tot Ion:164 Resp: 299782
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 45.3 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 106.34 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094229.D
 Acq: 6 Apr 2017 15:40

Tgt Ion:330 Resp: 251910
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 39.9 31.4 47.2



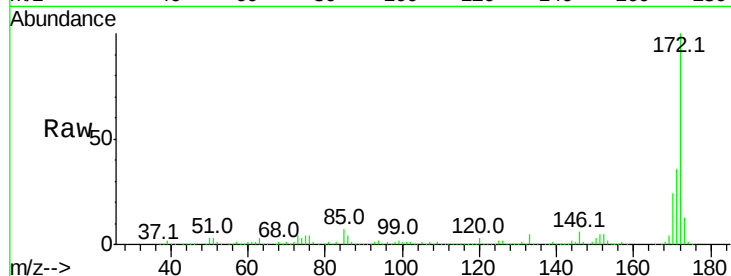


#44
 2-Fluorobiphenyl
 Concen: 59.85 ng
 RT: 8.67 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF094229.D
 Acq: 6 Apr 2017 15:40

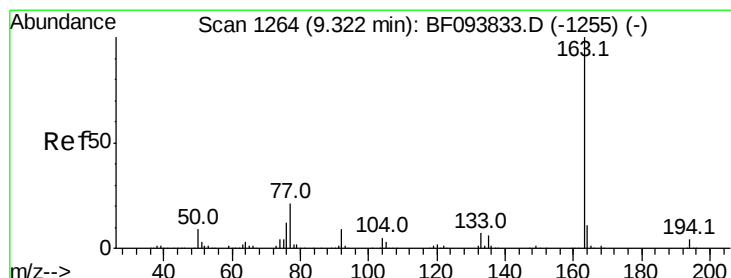
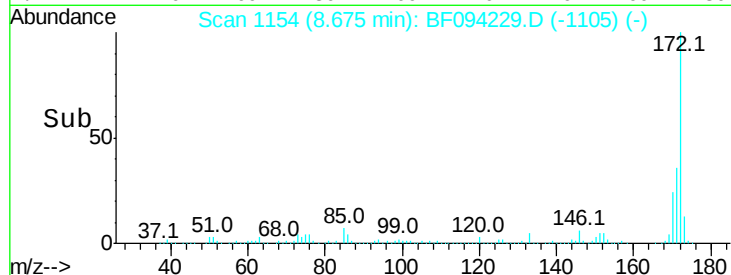
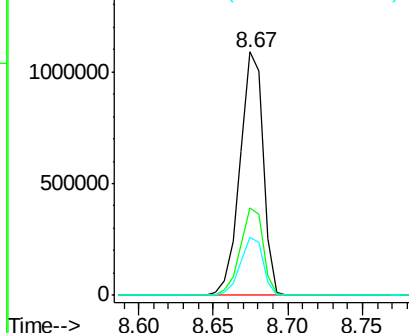
Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)

Tot Ion:172 Resp: 1176360

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.8	19.8	29.8



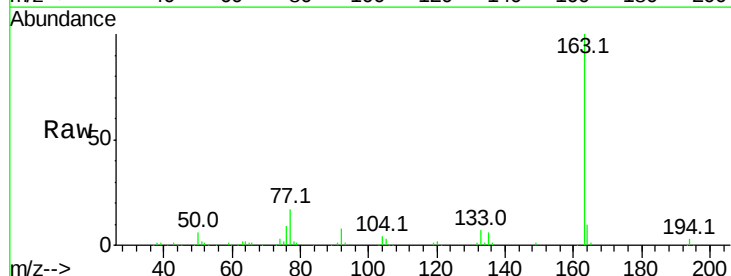
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



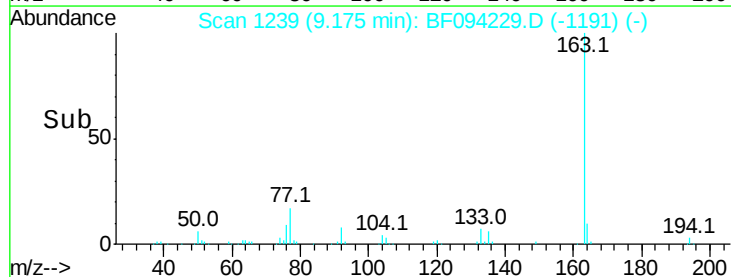
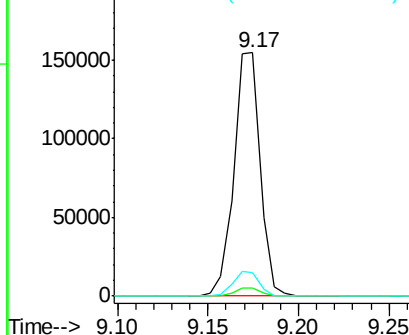
#49
 Dimethylphthalate
 Concen: 7.33 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF094229.D
 Acq: 6 Apr 2017 15:40

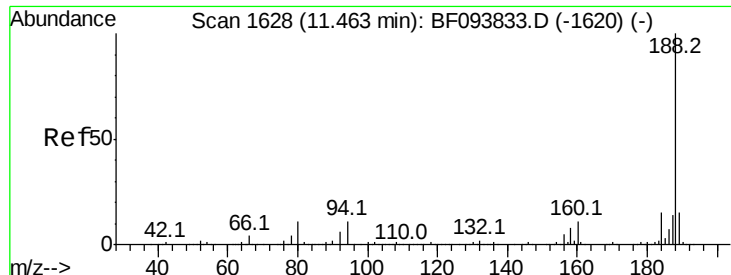
Tgt Ion:163 Resp: 156185

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	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

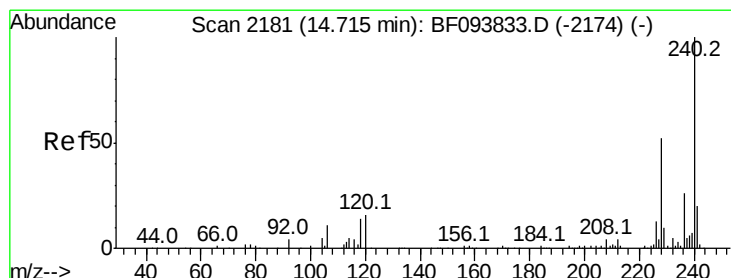
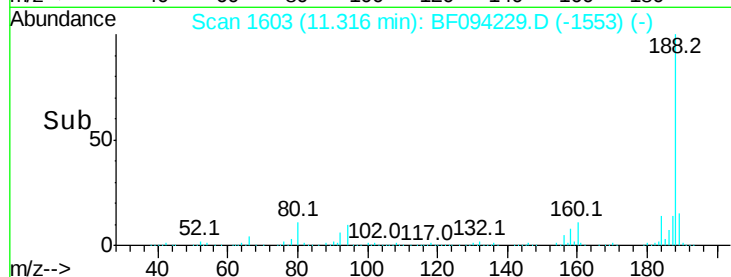
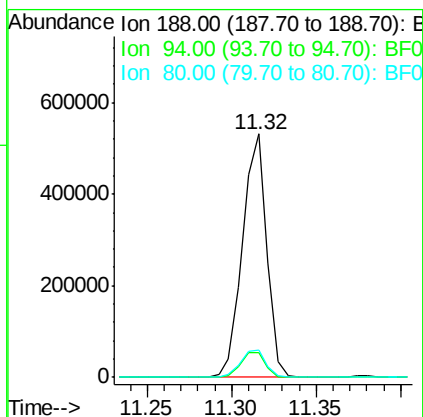
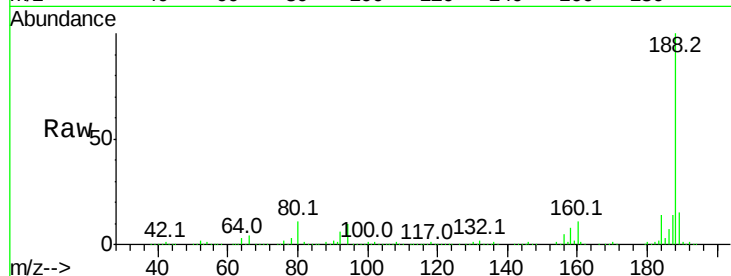




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF094229.D
 Acq: 6 Apr 2017 15:40

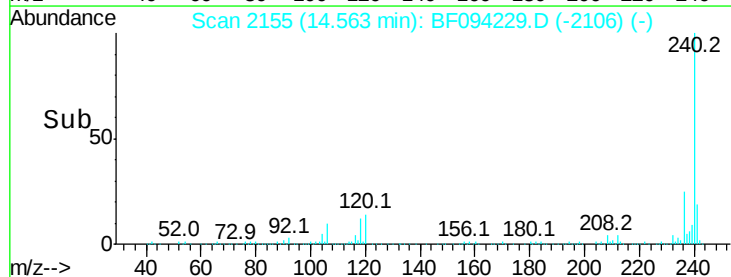
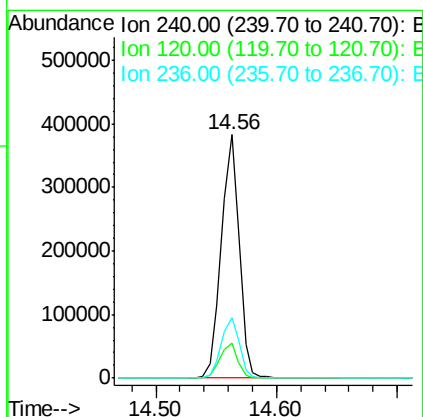
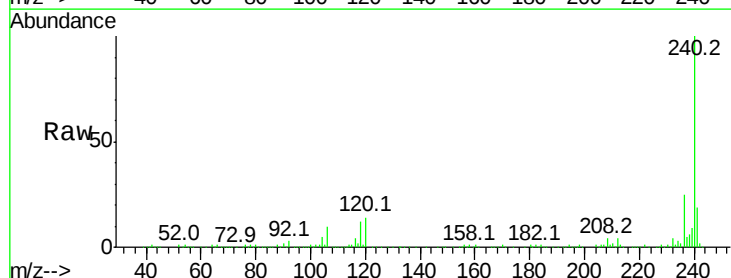
Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)

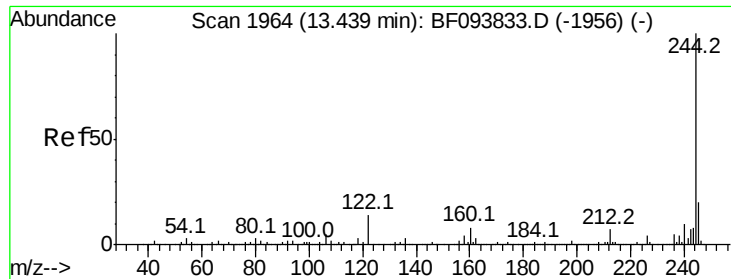
Tot Ion:188 Resp: 532603
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.1 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.56 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BF094229.D
 Acq: 6 Apr 2017 15:40

Tgt Ion:240 Resp: 392345
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 25.0 20.5 30.7

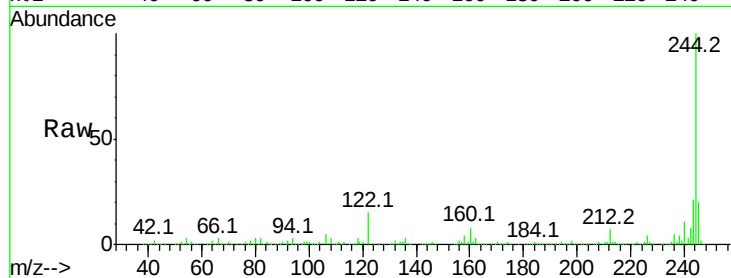




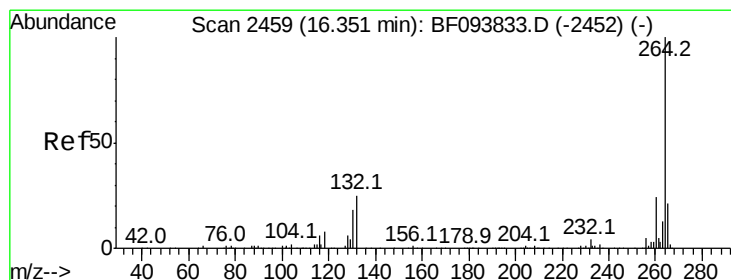
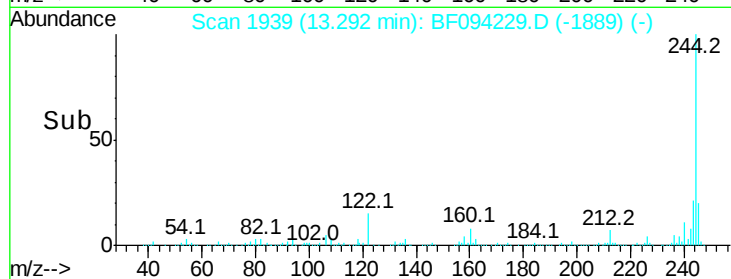
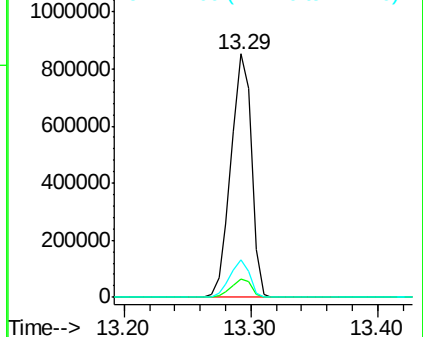
#78
 Terphenyl-d14
 Concen: 54.19 ng
 RT: 13.29 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BF094229.D
 Acq: 6 Apr 2017 15:40

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)

Tot Ion:244 Resp: 948550
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 15.3 10.3 15.5

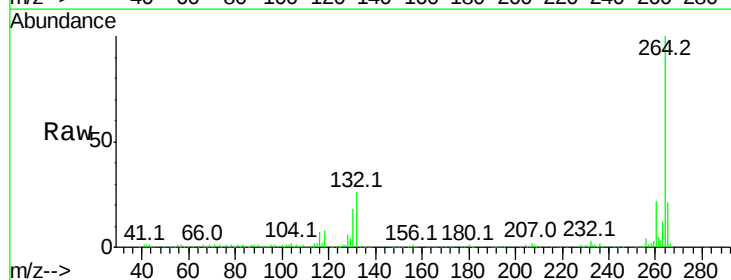


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BF094229.D
 Acq: 6 Apr 2017 15:40

Tgt Ion:264 Resp: 271902
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 21.4 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

