

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094337.D
 Acq On : 11 Apr 2017 4:34
 Operator : SJ/MA
 Sample : I2598-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-47-S1(2-4)

Quant Time: Apr 11 05:32:10 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

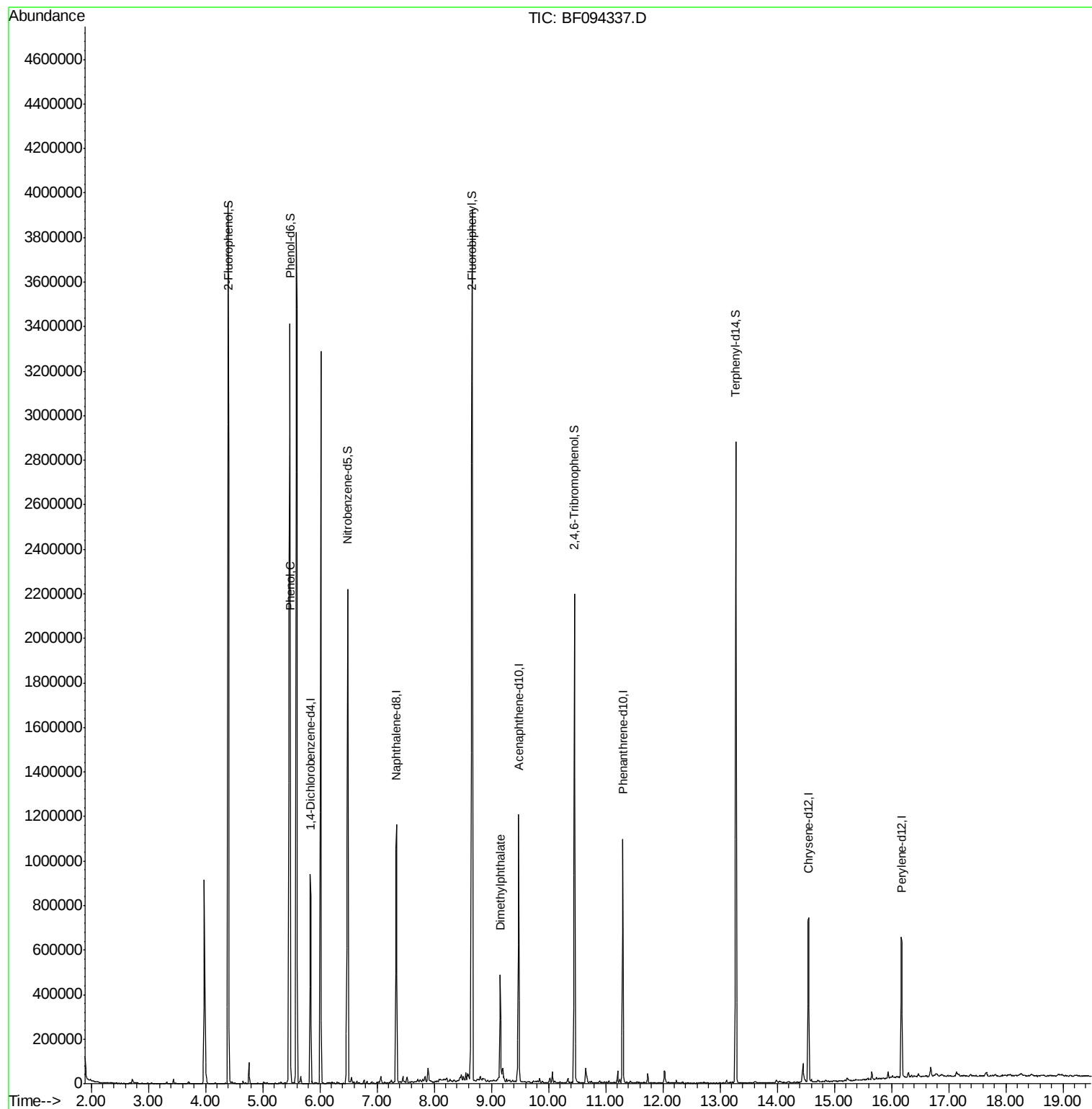
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	157950	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	621172	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	266755	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	436877	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	298938	20.00	ng	-0.02
86) Perylene-d12	16.18	264	255376	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1264838	135.25	ng	0.01
7) Phenol-d6	5.47	99	1614532	139.56	ng	0.01
23) Nitrobenzene-d5	6.49	82	1005106	92.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	295924	140.39	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1564646	89.46	ng	-0.02
78) Terphenyl-d14	13.28	244	1048108	78.59	ng	-0.02
Target Compounds						
10) Phenol	5.49	94	91552	6.95	ng	86
49) Dimethylphthalate	9.16	163	198918	10.49	ng	99

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

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B-47-S1(2-4)

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.83 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF094337.D

Acq: 11 Apr 2017 4:34

Instrument :

BNA_F

ClientSampleId :

B-47-S1(2-4)

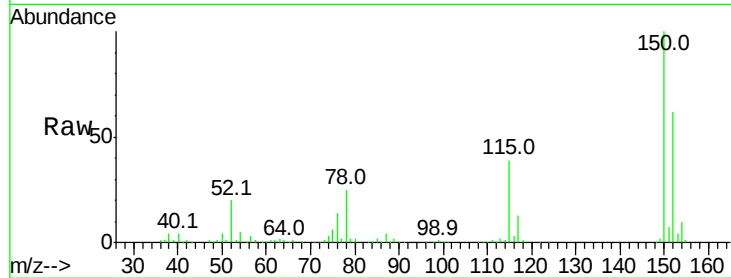
Tot Ion:152 Resp: 157950

Ion Ratio Lower Upper

152 100

150 161.5 126.2 189.2

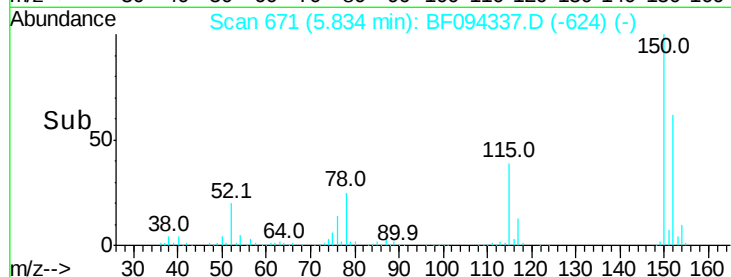
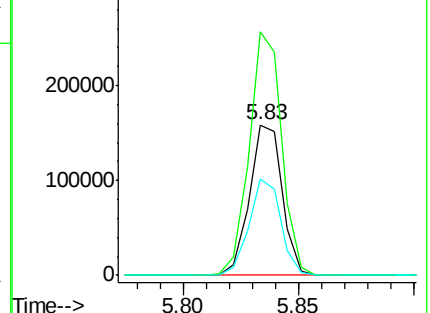
115 63.6 52.2 78.2



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: 135.25 ng

RT: 4.40 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF094337.D

Acq: 11 Apr 2017 4:34

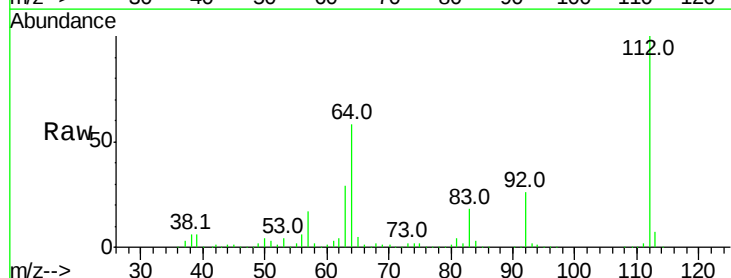
Tgt Ion:112 Resp: 1264838

Ion Ratio Lower Upper

112 100

64 57.8 46.0 69.0

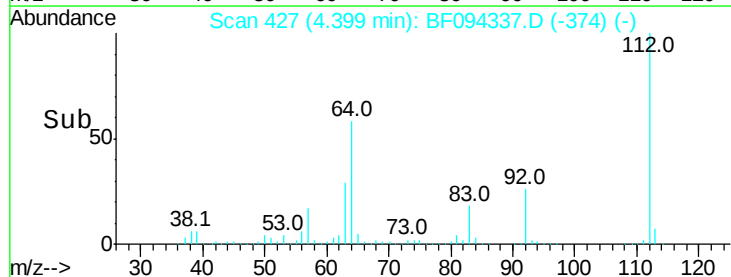
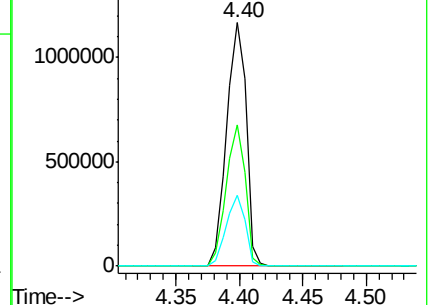
63 29.0 23.4 35.0

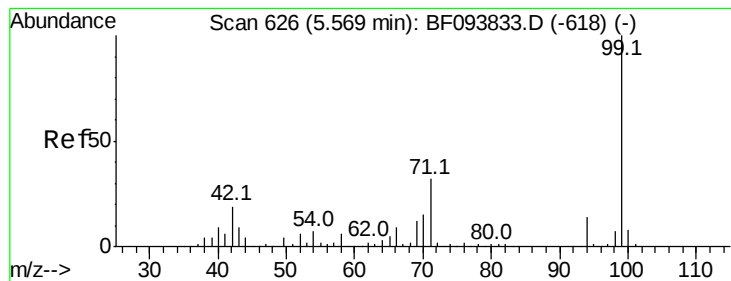


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.56 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094337.D

Acq: 11 Apr 2017 4:34

Instrument :

BNA_F

ClientSampleId :

B-47-S1(2-4)

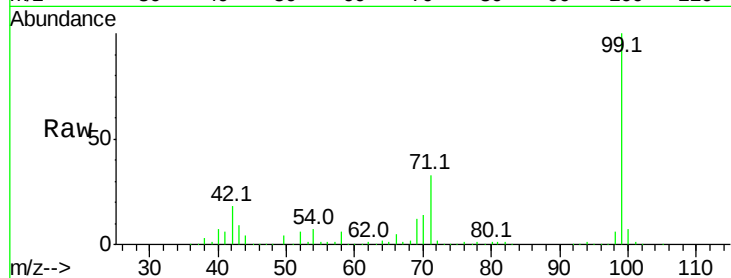
Tot Ion: 99 Resp: 1614532

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

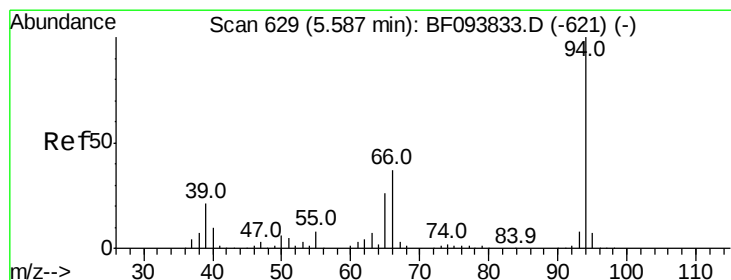
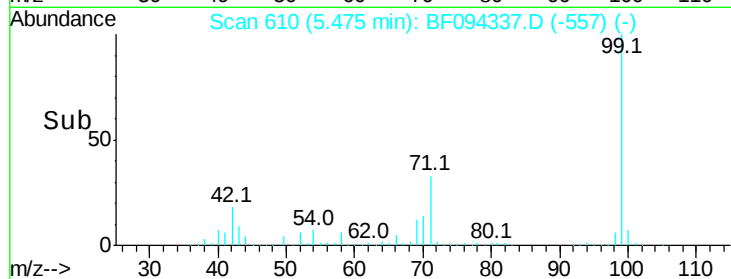
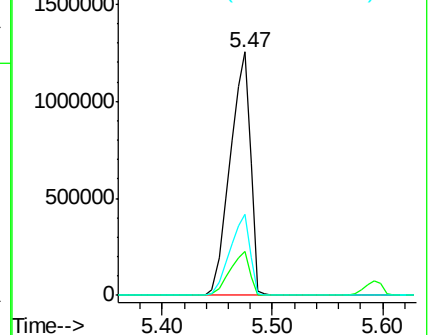
71 33.2 24.5 36.7



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: 6.95 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094337.D

Acq: 11 Apr 2017 4:34

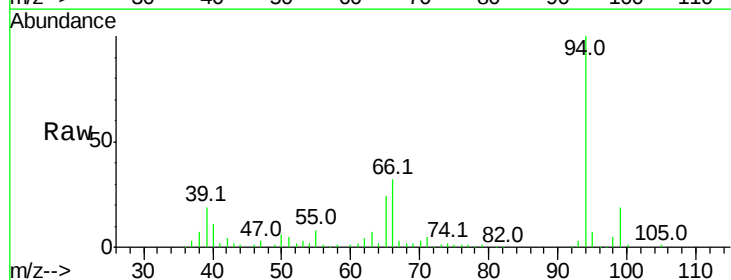
Tgt Ion: 94 Resp: 91552

Ion Ratio Lower Upper

94 100

65 23.9 9.9 49.9

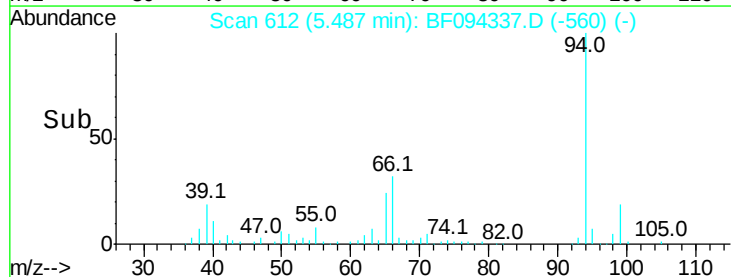
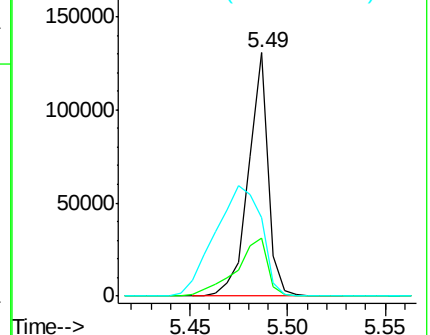
66 32.5 23.1 63.1



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: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094337.D

Acq: 11 Apr 2017 4:34

Instrument :

BNA_F

ClientSampleId :

B-47-S1(2-4)

Tot Ion:136 Resp: 621172

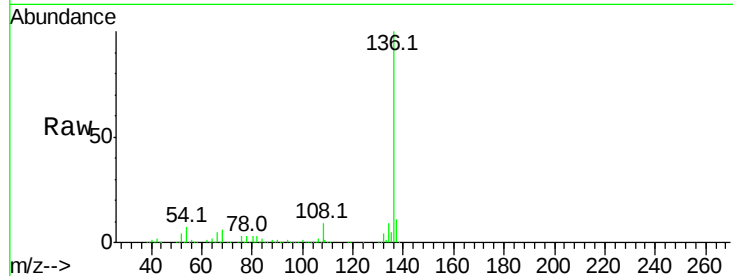
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 5.8 4.1 6.1

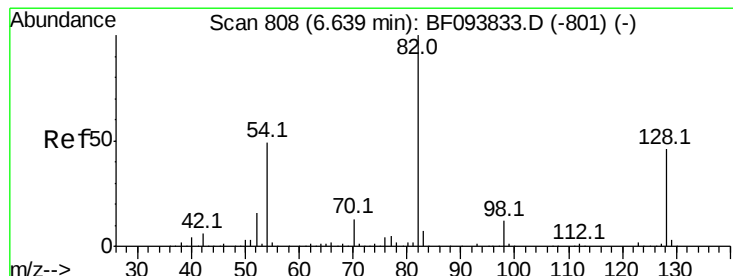
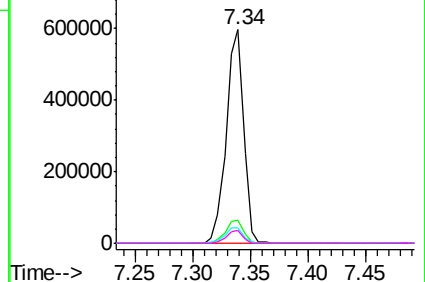
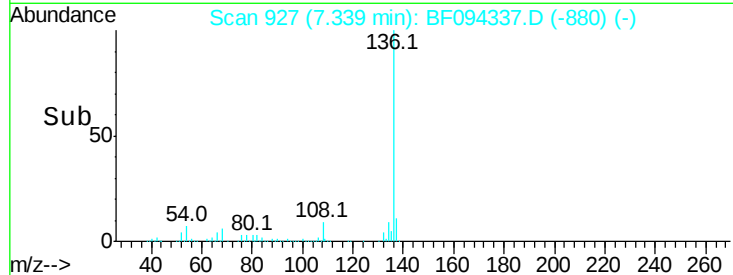


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.34 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF094337.D

Acq: 11 Apr 2017 4:34

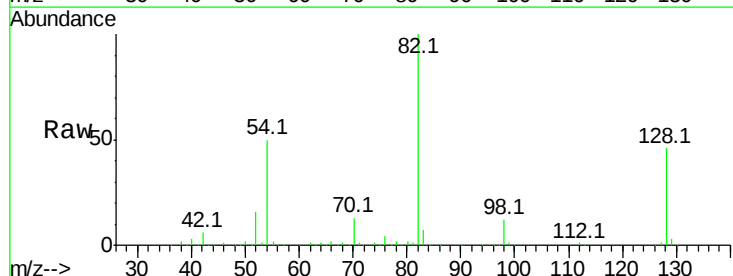
Tgt Ion: 82 Resp: 1005106

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

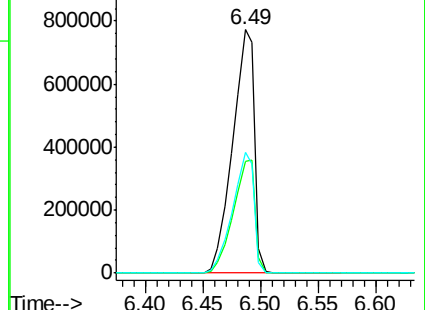
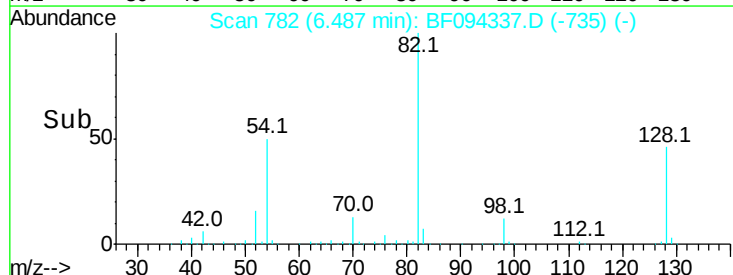
54 49.8 42.2 63.2



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

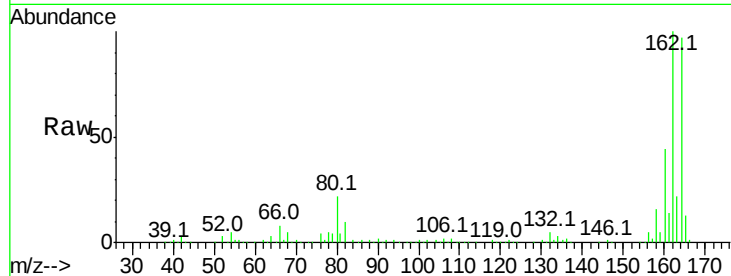




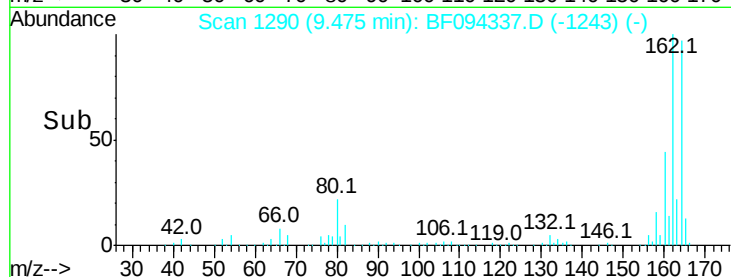
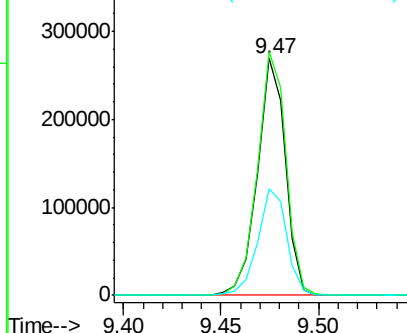
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094337.D
 Acq: 11 Apr 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :
 B-47-S1(2-4)

Tot Ion:164 Resp: 266755
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 45.0 36.2 54.2

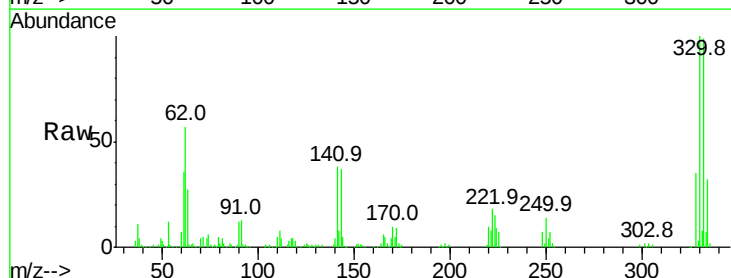


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

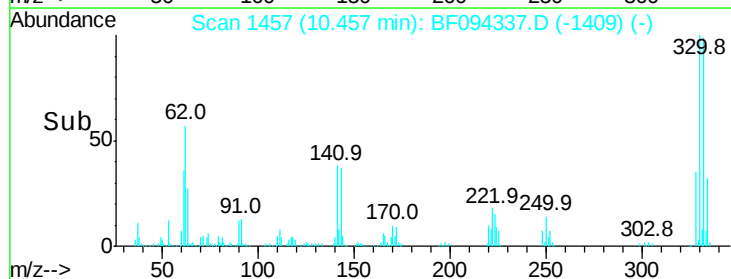
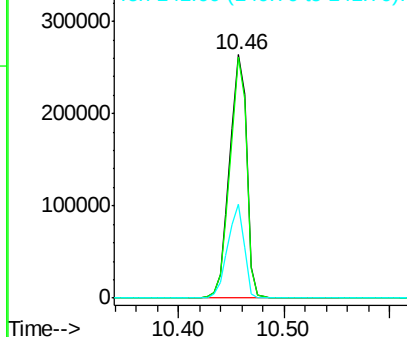


#41
 2,4,6-Tribromophenol
 Concen: 140.39 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094337.D
 Acq: 11 Apr 2017 4:34

Tgt Ion:330 Resp: 295924
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 37.4 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

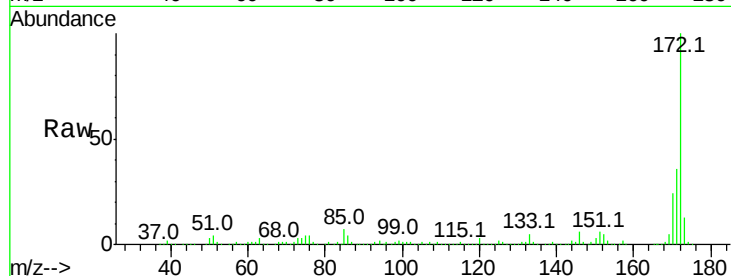




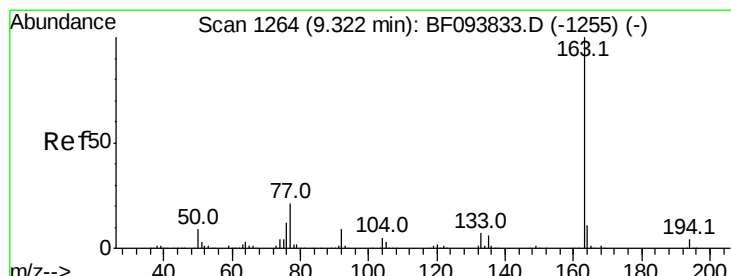
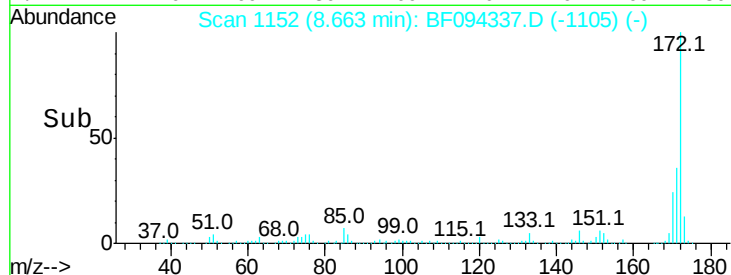
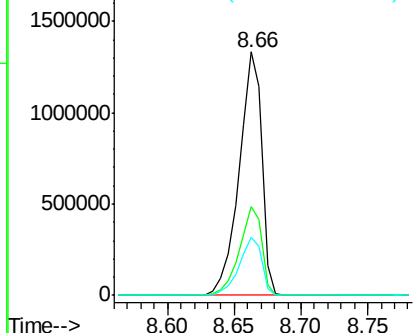
#44
 2-Fluorobiphenyl
 Concen: 89.46 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094337.D
 Acq: 11 Apr 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :
 B-47-S1(2-4)

Tot Ion:172 Resp: 1564646
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.8 19.8 29.8

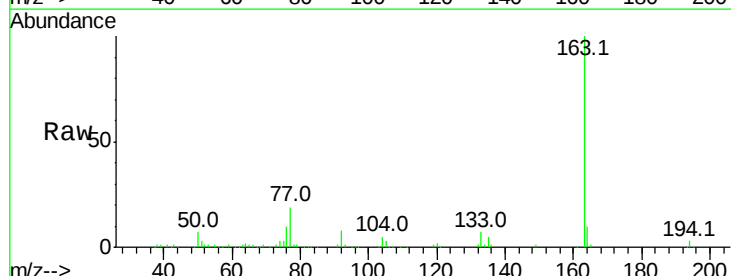


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

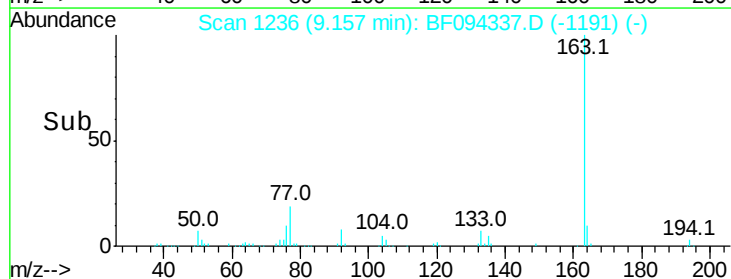
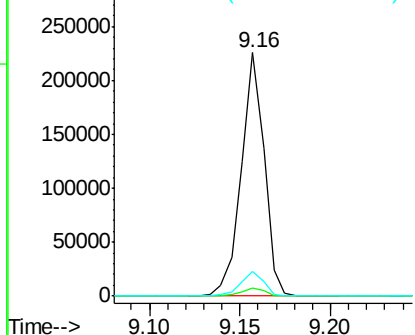


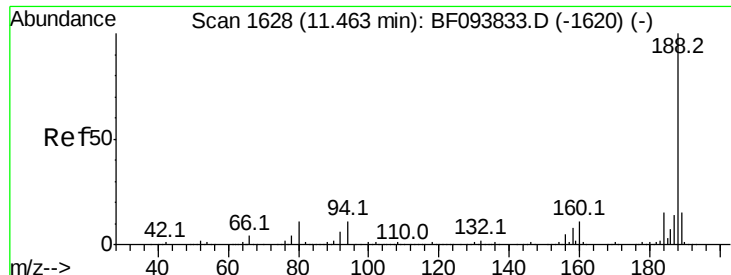
#49
 Dimethylphthalate
 Concen: 10.49 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF094337.D
 Acq: 11 Apr 2017 4:34

Tgt Ion:163 Resp: 198918
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.0 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

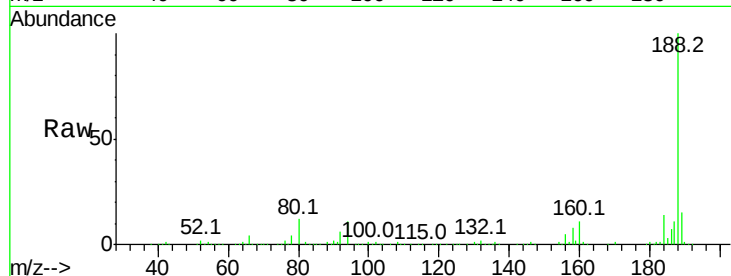




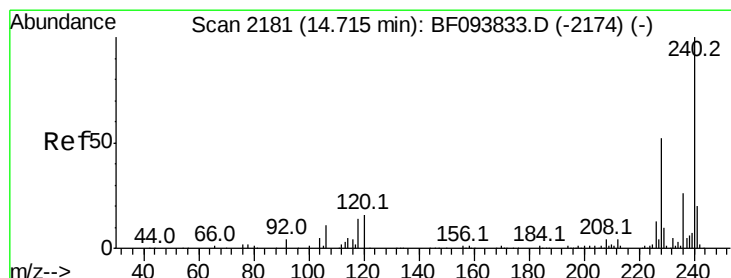
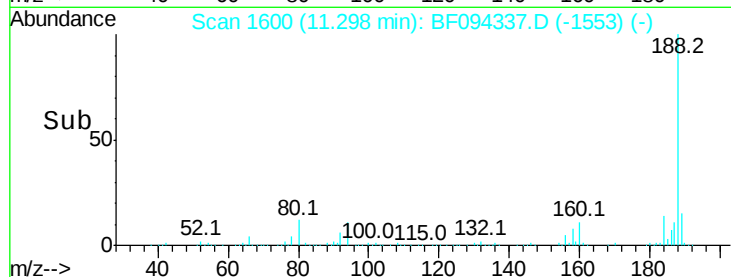
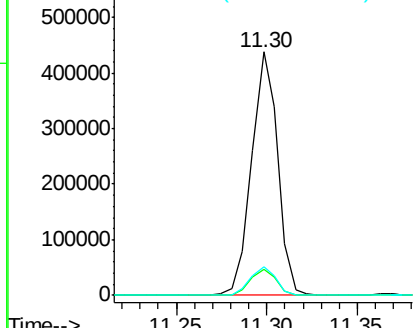
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094337.D
Acq: 11 Apr 2017 4:34

Instrument :
BNA_F
ClientSampleId :
B-47-S1(2-4)

Tot Ion:188 Resp: 436877
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.6 10.2 15.2

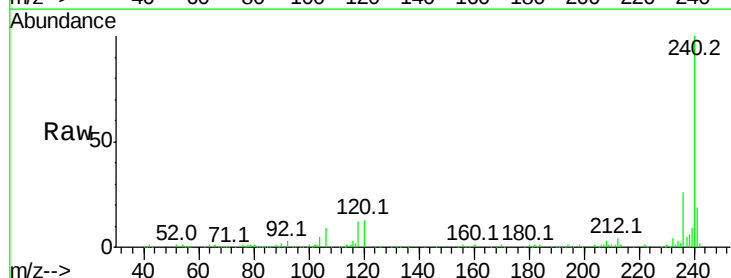


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

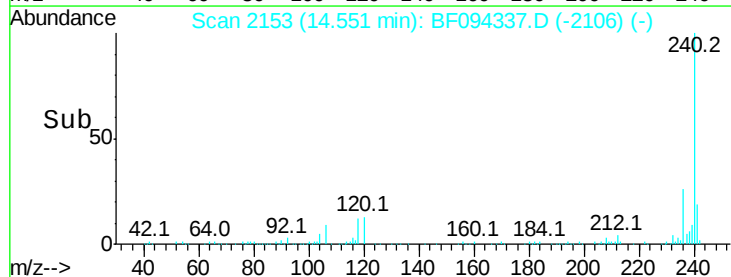
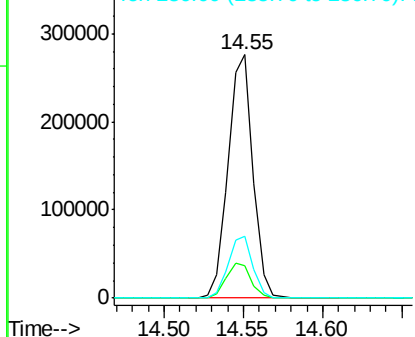


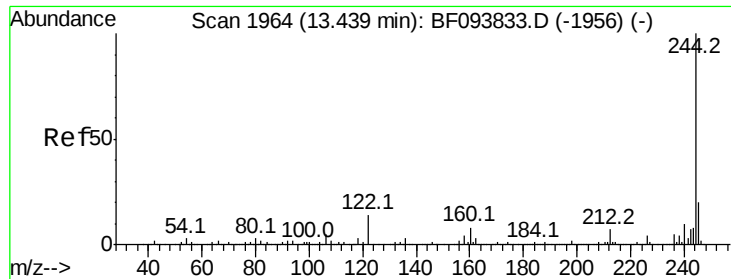
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094337.D
Acq: 11 Apr 2017 4:34

Tgt Ion:240 Resp: 298938
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 25.6 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

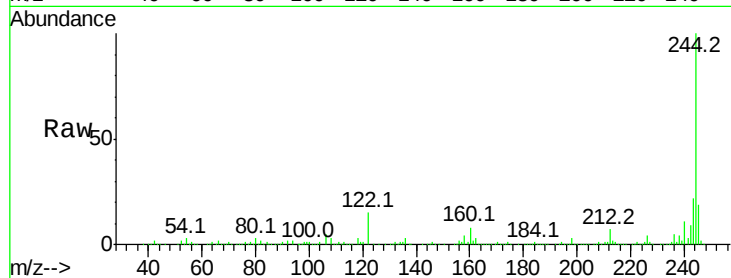




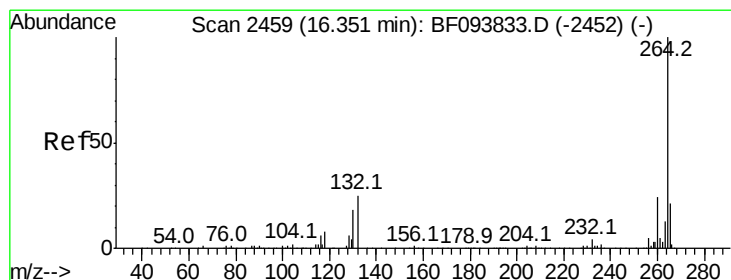
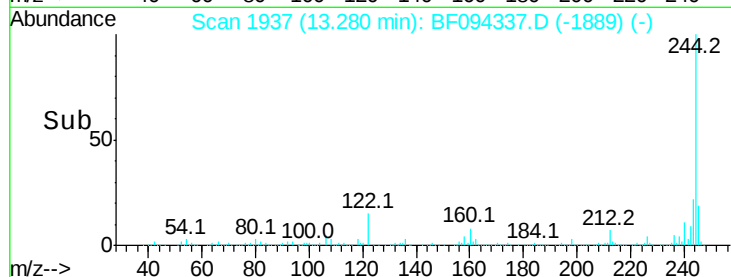
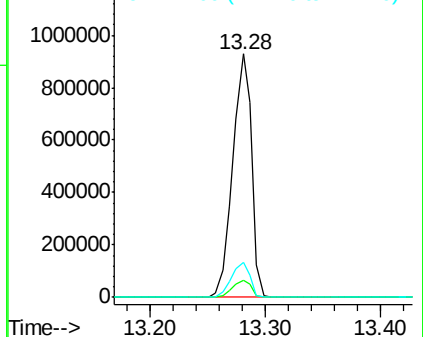
#78
 Terphenyl-d14
 Concen: 78.59 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094337.D
 Acq: 11 Apr 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :
 B-47-S1(2-4)

Tot Ion:244 Resp: 1048108
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.5 10.3 15.5

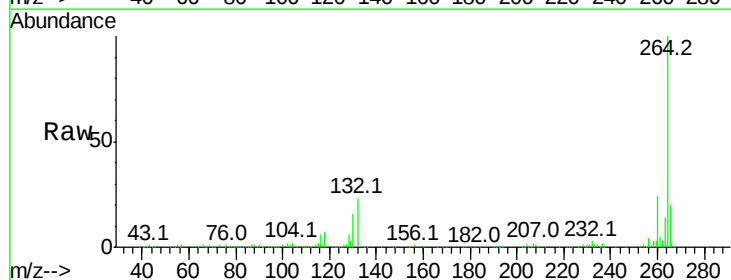


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094337.D
 Acq: 11 Apr 2017 4:34

Tgt Ion:264 Resp: 255376
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 20.4 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

