

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094263.D
 Acq On : 7 Apr 2017 9:39
 Operator : SJ/MA
 Sample : I2572-09
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460

Quant Time: Apr 07 13:24:43 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	5.86	152	161200	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	636503	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	277792	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	437605	20.00	ng	0.00
75) Chrysene-d12	14.57	240	302606	20.00	ng	0.00
86) Perylene-d12	16.20	264	255051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1130981	118.50	ng	0.02
7) Phenol-d6	5.47	99	1339932	113.49	ng	0.00
23) Nitrobenzene-d5	6.50	82	936385	83.96	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	289863	132.05	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1638730	89.98	ng	0.00
78) Terphenyl-d14	13.30	244	1118244	82.83	ng	0.00

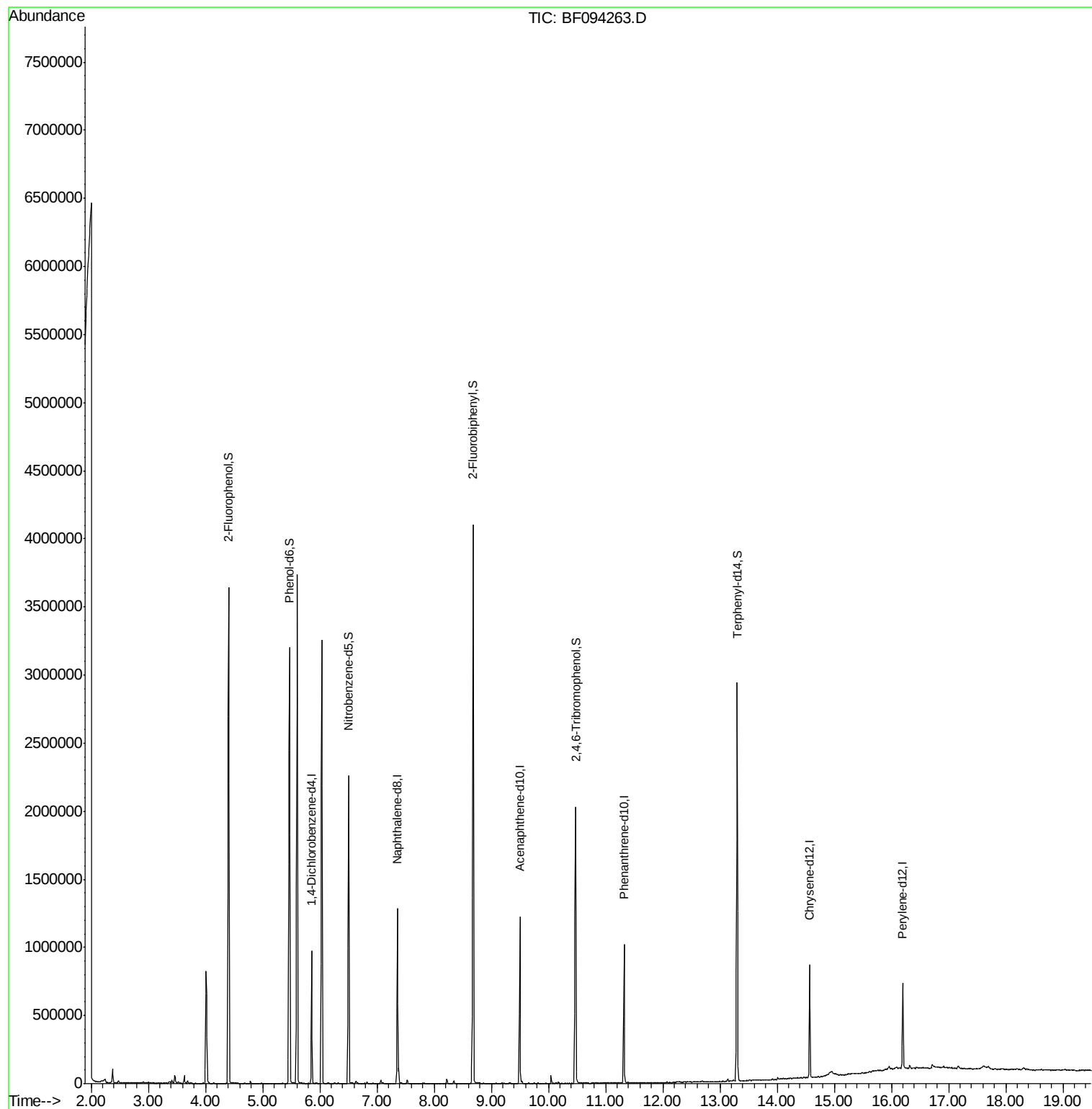
Target Compounds Qvalue

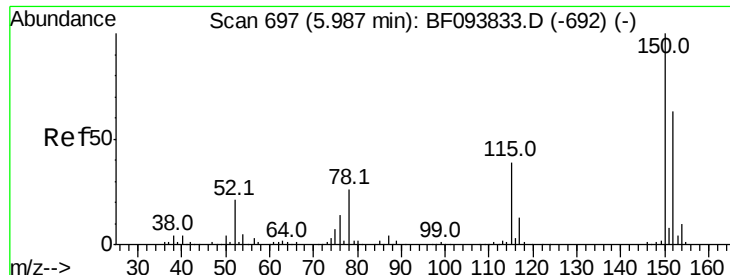
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 06 13:20:29 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF094263.D

Acq: 7 Apr 2017 9:39

Instrument :

BNA_F

ClientSampleId :

RT-3460

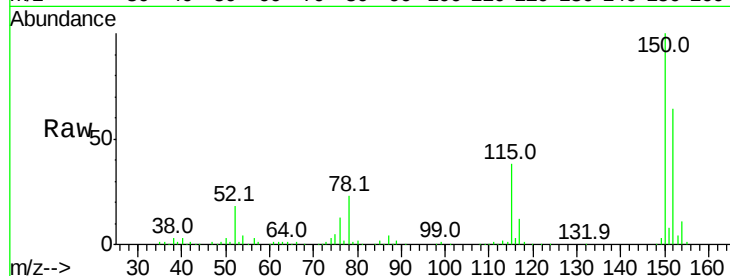
Tot Ion:152 Resp: 161200

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

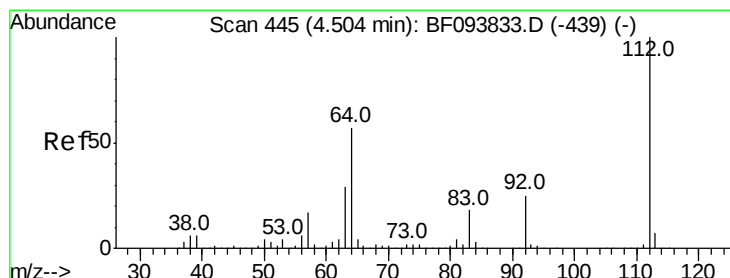
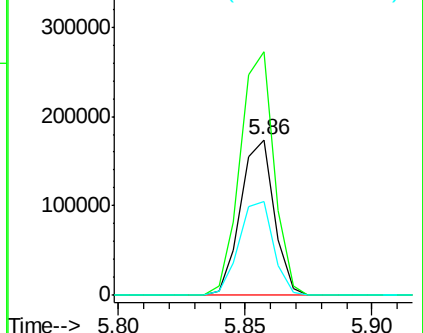
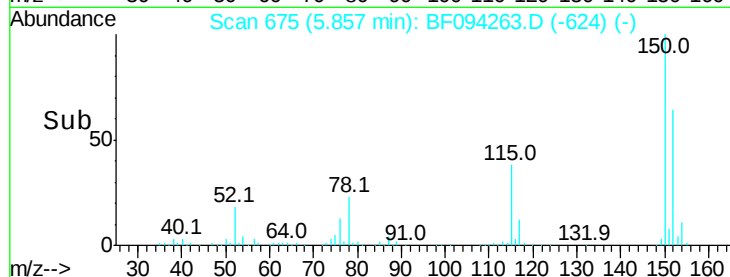
115 60.0 52.2 78.2



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: 118.50 ng

RT: 4.40 min Scan# 428

Delta R.T. 0.02 min

Lab File: BF094263.D

Acq: 7 Apr 2017 9:39

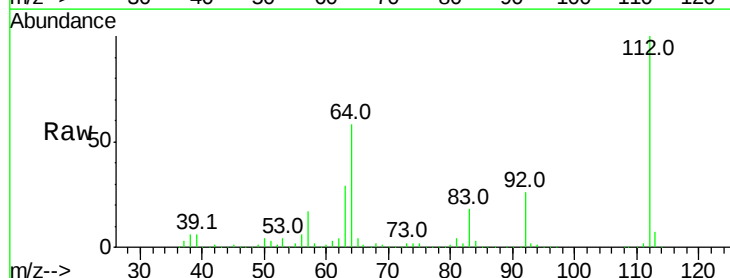
Tgt Ion:112 Resp: 1130981

Ion Ratio Lower Upper

112 100

64 58.3 46.0 69.0

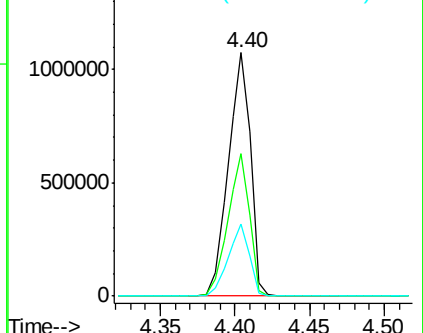
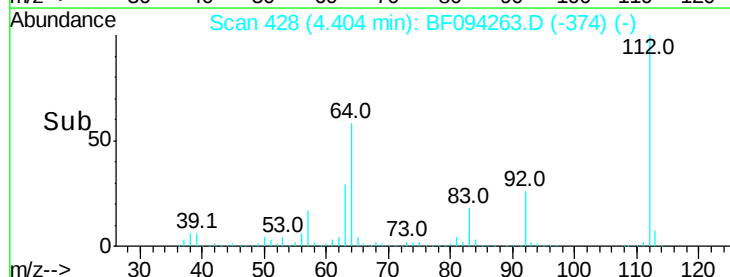
63 29.5 23.4 35.0

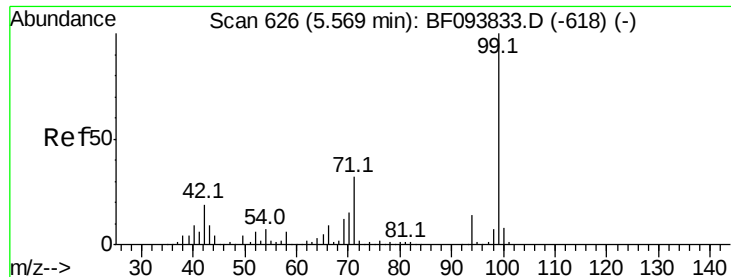


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.49 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094263.D

Acq: 7 Apr 2017 9:39

Instrument :

BNA_F

ClientSampleId :

RT-3460

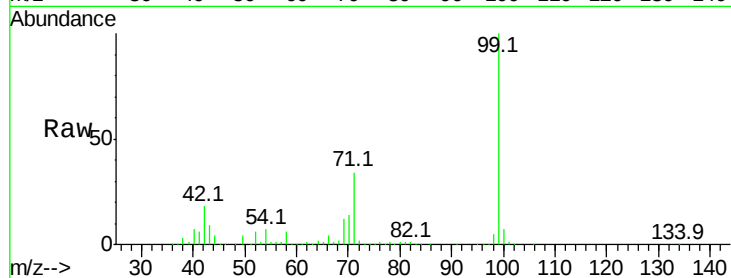
Tot Ion: 99 Resp: 1339932

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

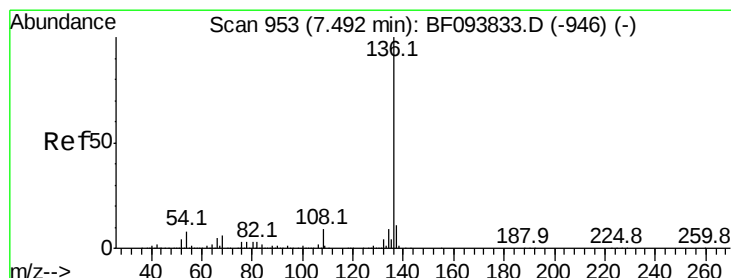
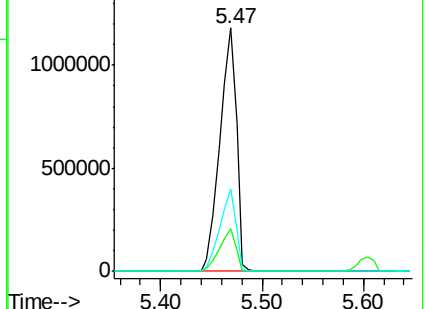
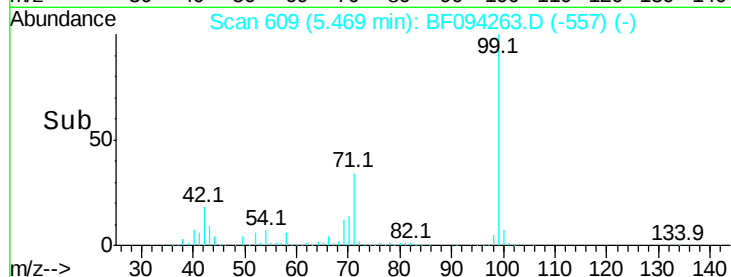
71 33.6 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094263.D

Acq: 7 Apr 2017 9:39

Tgt Ion: 136 Resp: 636503

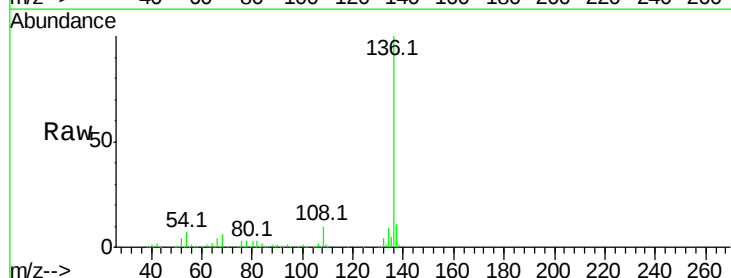
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.2 4.9 7.3

68 5.7 4.1 6.1

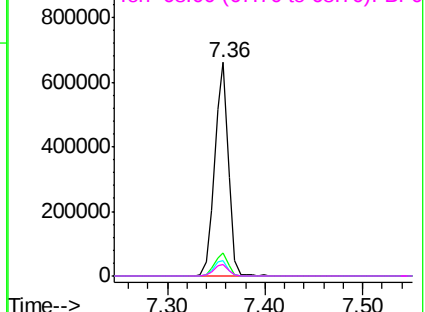
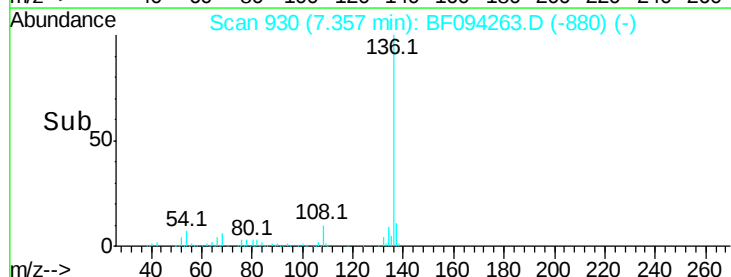


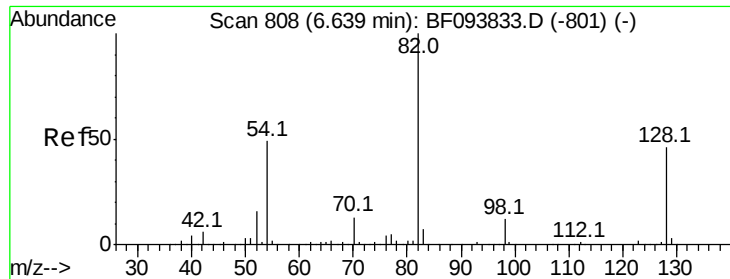
Abundance Ion 136.00 (135.70 to 136.70): E

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

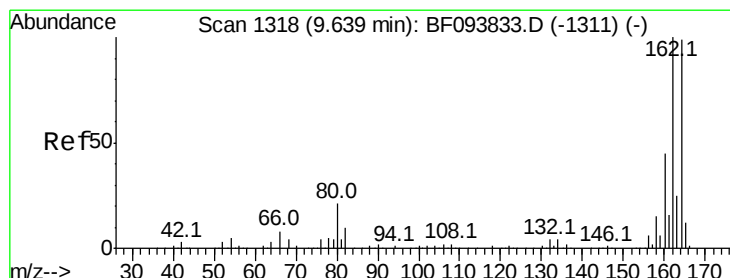
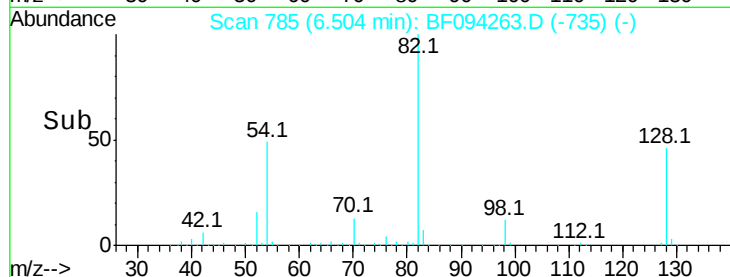
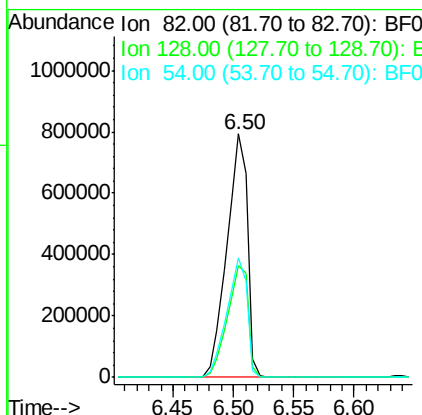
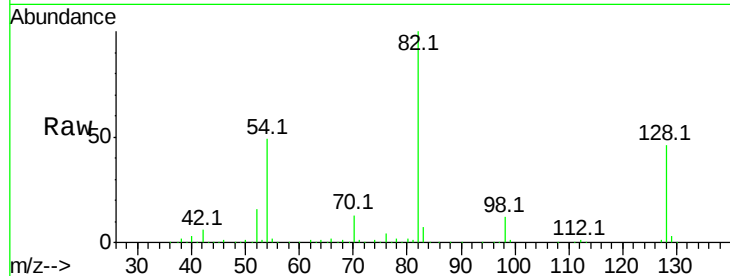




#23
 Nitrobenzene-d5
 Concen: 83.96 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF094263.D
 Acq: 7 Apr 2017 9:39

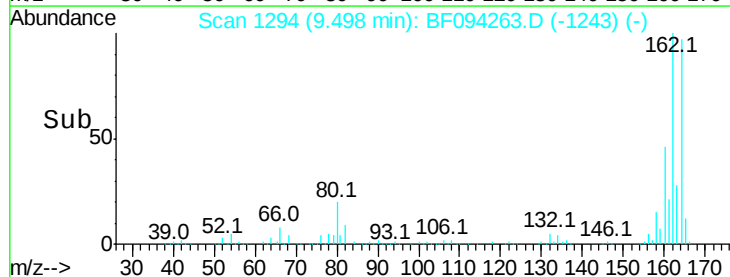
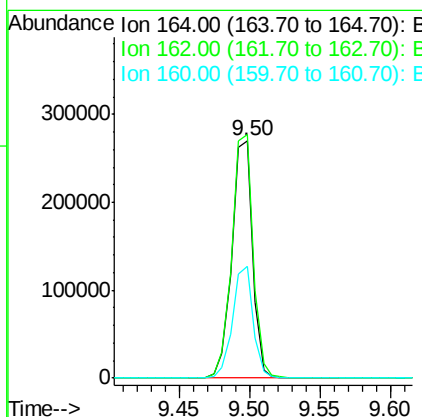
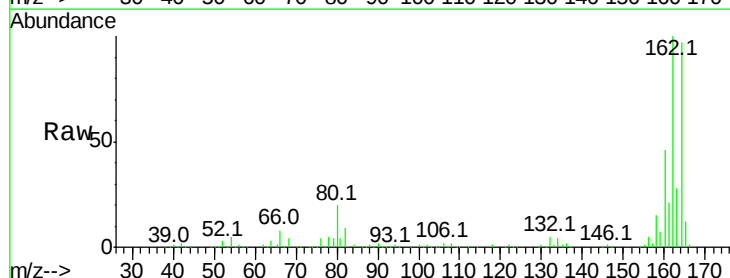
Instrument :
 BNA_F
 ClientSampleId :
 RT-3460

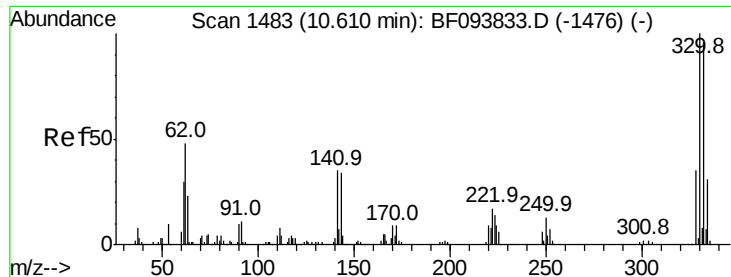
Tot Ion: 82 Resp: 936385
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.0 51.0
 54 49.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF094263.D
 Acq: 7 Apr 2017 9:39

Tgt Ion: 164 Resp: 277792
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 46.8 36.2 54.2

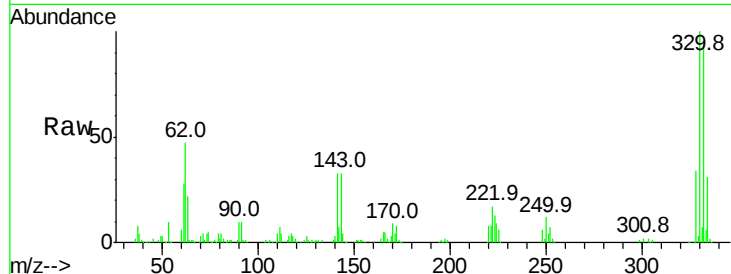




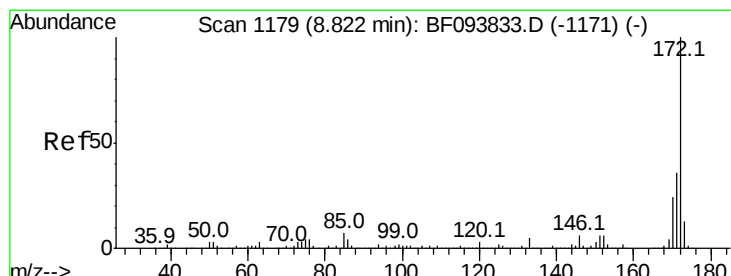
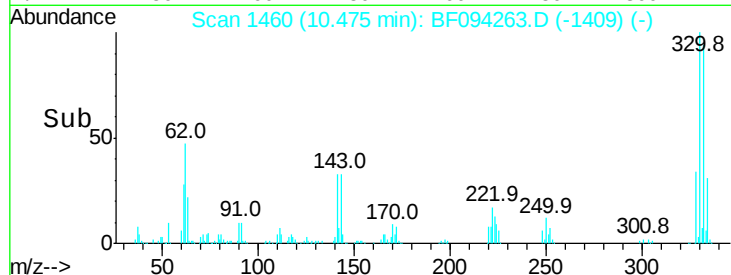
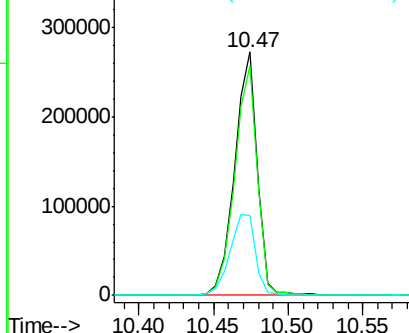
#41
 2,4,6-Tribromophenol
 Concen: 132.05 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF094263.D
 Acq: 7 Apr 2017 9:39

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460

Tot Ion:330 Resp: 289863
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 38.2 31.4 47.2

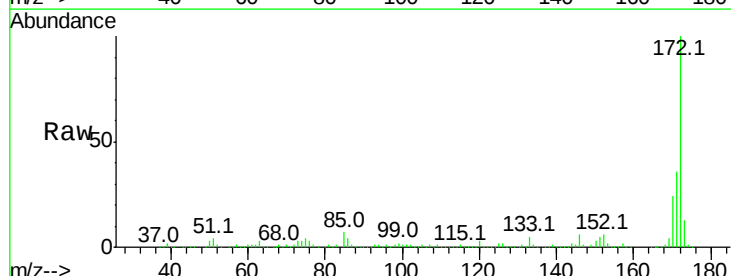


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

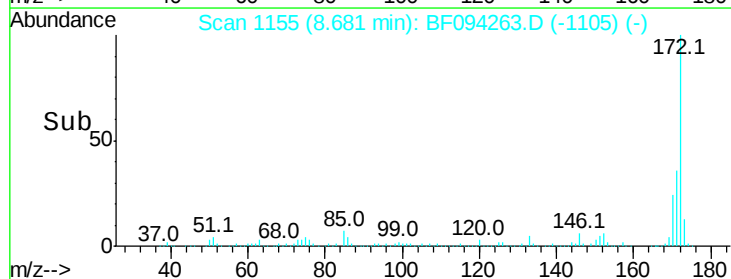
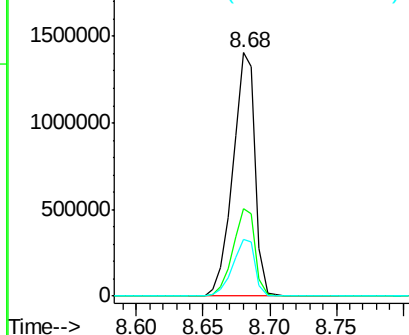


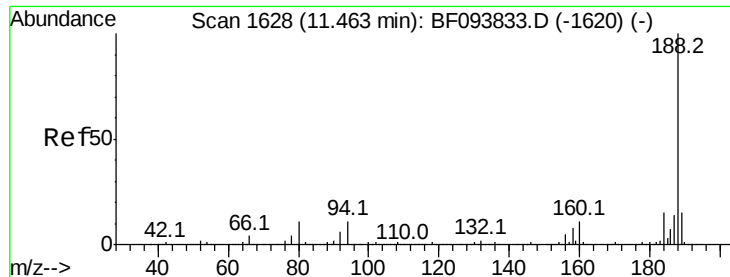
#44
 2-Fluorobiphenyl
 Concen: 89.98 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094263.D
 Acq: 7 Apr 2017 9:39

Tgt Ion:172 Resp: 1638730
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.5 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BF094263.D

Acq: 7 Apr 2017 9:39

Instrument :

BNA_F

ClientSampled :

RT-3460

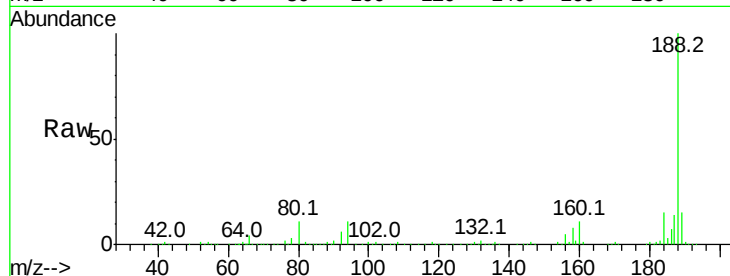
Tot Ion:188 Resp: 437605

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

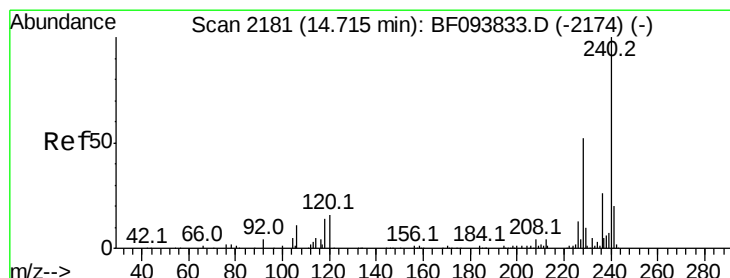
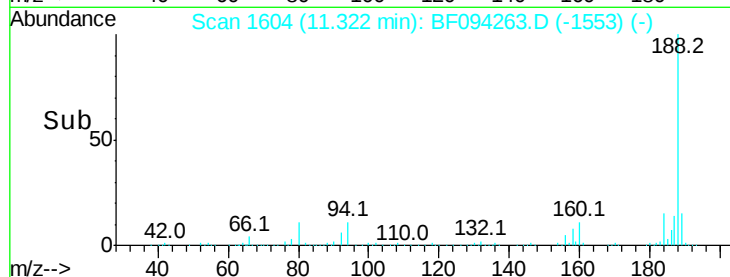
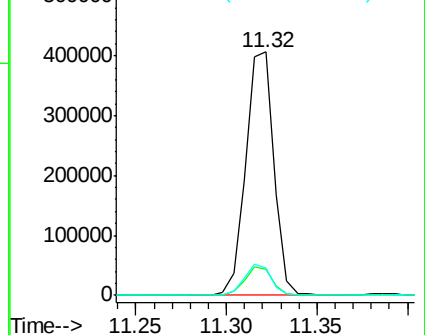
80 11.0 10.2 15.2



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: 14.57 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF094263.D

Acq: 7 Apr 2017 9:39

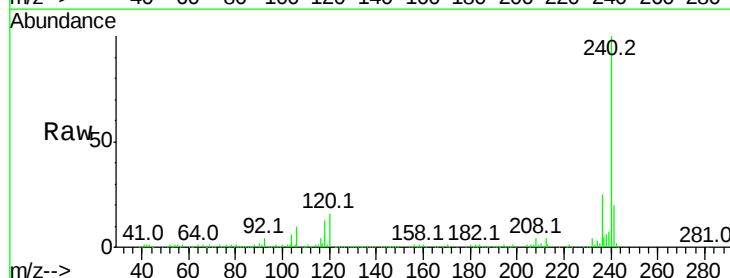
Tgt Ion:240 Resp: 302606

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

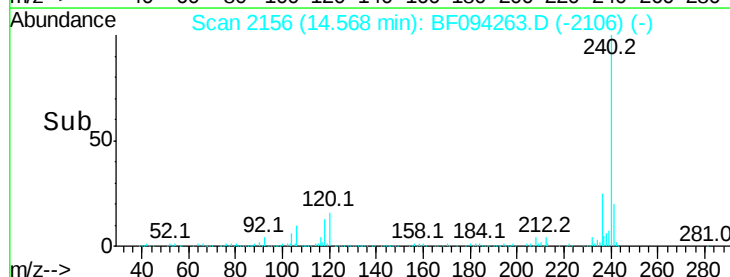
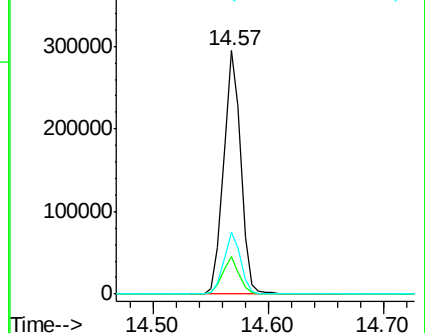
236 25.2 20.5 30.7

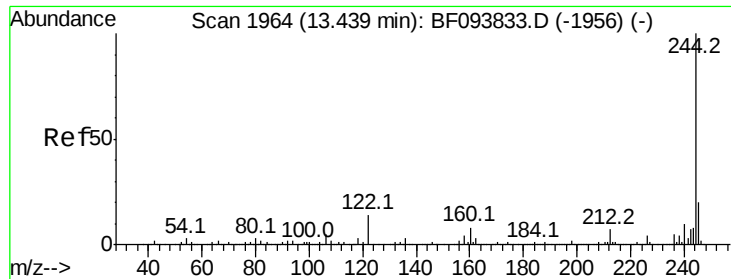


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

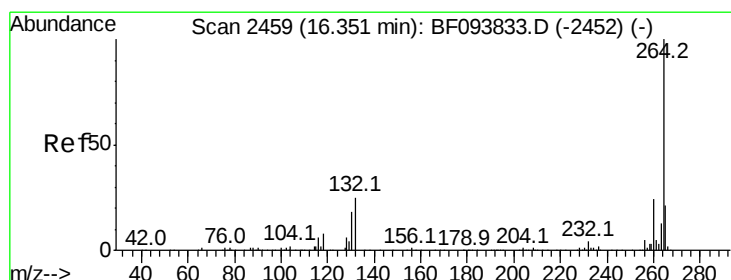
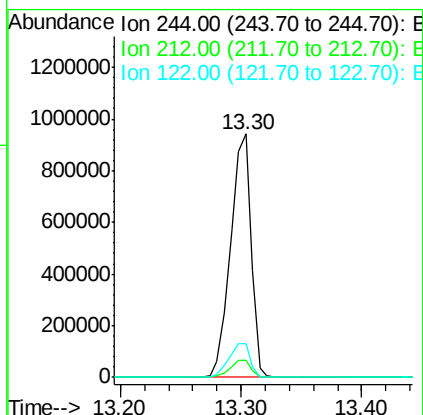
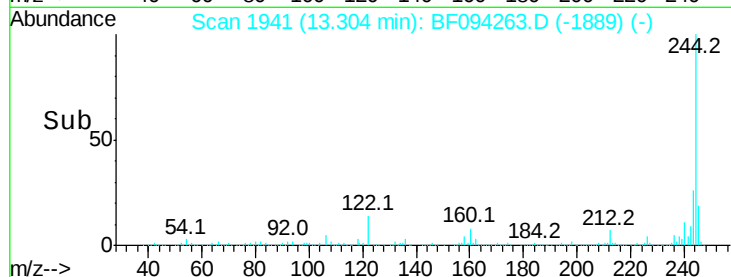
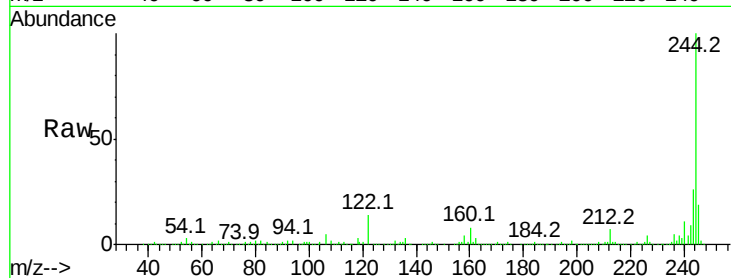




#78
 Terphenyl-d14
 Concen: 82.83 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF094263.D
 Acq: 7 Apr 2017 9:39

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460

Tot Ion:244 Resp: 1118244
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2433
 Delta R.T. 0.01 min
 Lab File: BF094263.D
 Acq: 7 Apr 2017 9:39

Tgt Ion:264 Resp: 255051
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.7 17.2 25.8

