

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094356.D
 Acq On : 11 Apr 2017 18:01
 Operator : SJ/MA
 Sample : I2616-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FW10D

Quant Time: Apr 12 01:18:36 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	5.82	152	138906	20.00	ng	-0.04
21) Naphthalene-d8	7.33	136	559970	20.00	ng	-0.04
38) Acenaphthene-d10	9.46	164	266110	20.00	ng	-0.04
63) Phenanthrene-d10	11.29	188	468920	20.00	ng	-0.04
75) Chrysene-d12	14.54	240	370735	20.00	ng	-0.04
86) Perylene-d12	16.17	264	239291	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.37	112	339397	41.27	ng	-0.02
7) Phenol-d6	5.45	99	254967	25.06	ng	-0.02
23) Nitrobenzene-d5	6.47	82	878015	89.48	ng	-0.04
41) 2,4,6-Tribromophenol	10.44	330	193677	92.10	ng	-0.03
44) 2-Fluorobiphenyl	8.65	172	1617139	92.69	ng	-0.04
78) Terphenyl-d14	13.27	244	1207430	73.00	ng	-0.02

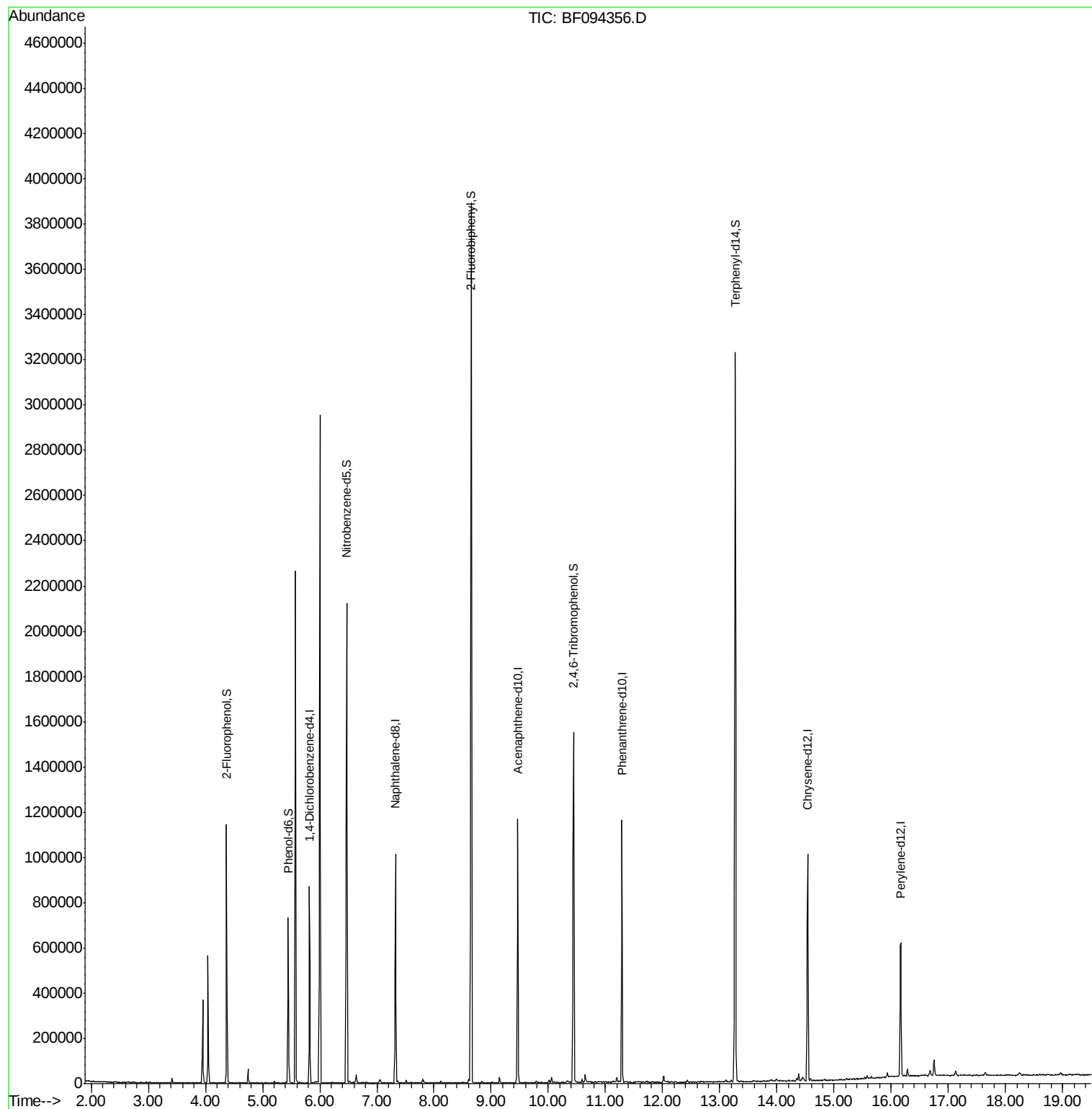
Target Compounds Qvalue

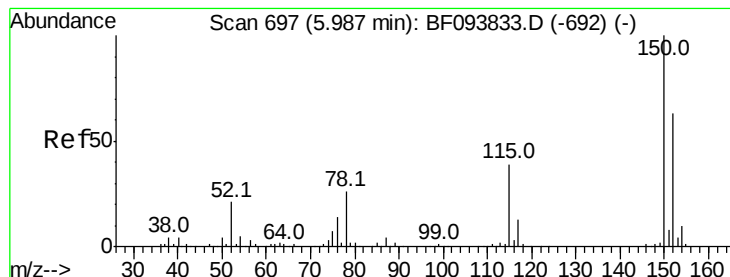
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.82 min Scan# 669

Delta R.T. -0.04 min

Lab File: BF094356.D

Acq: 11 Apr 2017 18:01

Instrument :

BNA_F

ClientSampleId :

FW10D

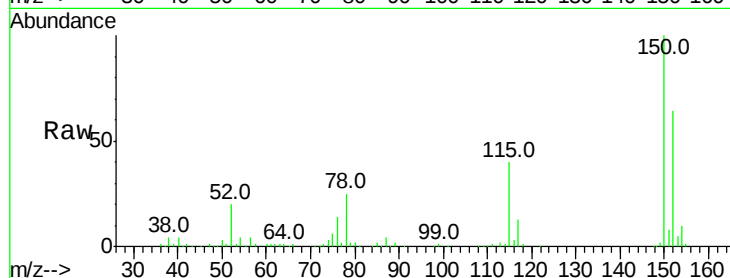
Tot Ion:152 Resp: 138906

Ion Ratio Lower Upper

152 100

150 157.0 126.2 189.2

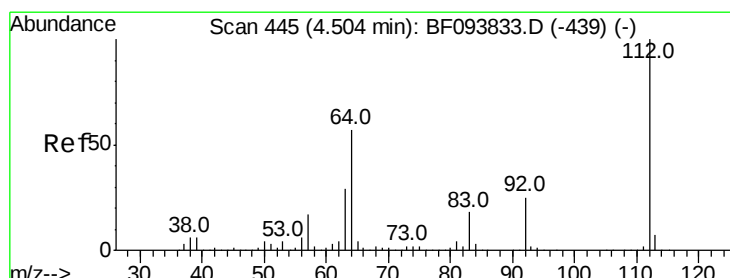
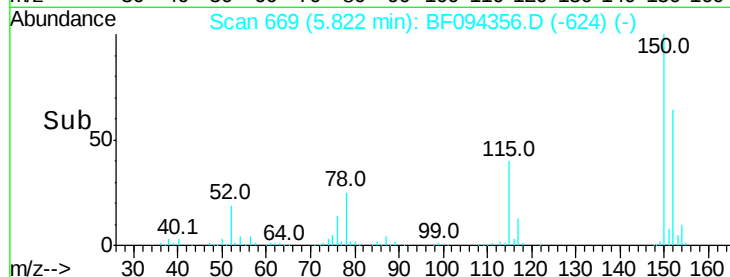
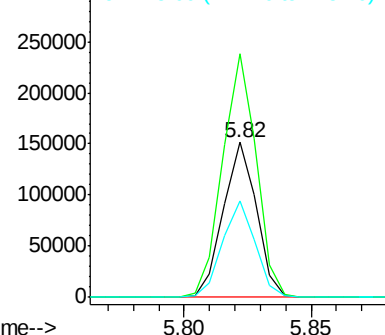
115 62.4 52.2 78.2



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: 41.27 ng

RT: 4.37 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF094356.D

Acq: 11 Apr 2017 18:01

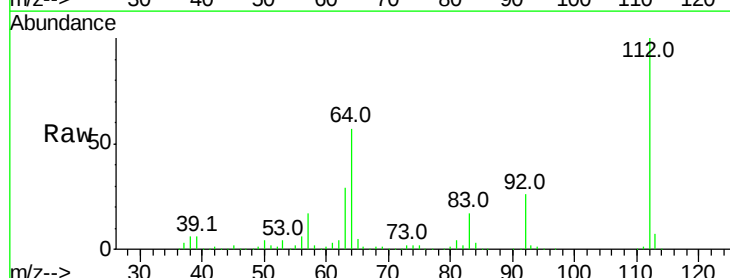
Tgt Ion:112 Resp: 339397

Ion Ratio Lower Upper

112 100

64 57.3 46.0 69.0

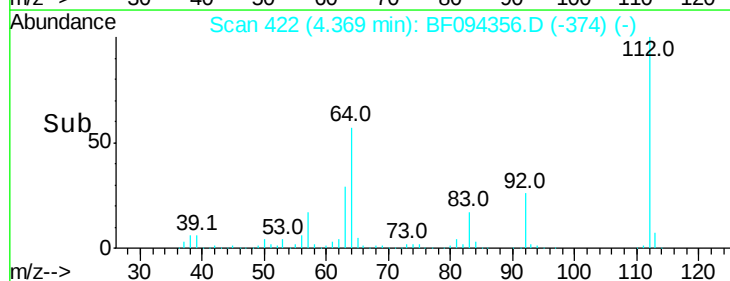
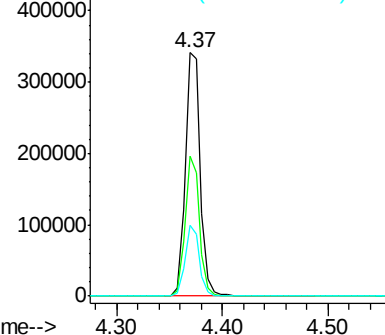
63 29.3 23.4 35.0

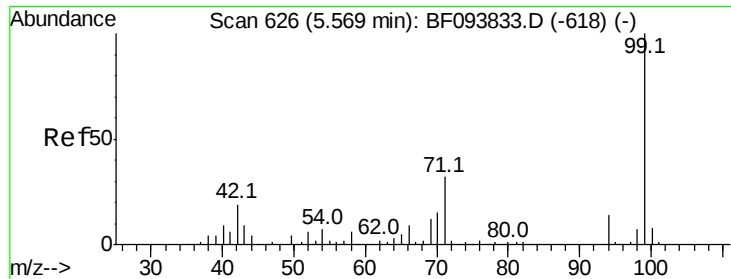


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.06 ng

RT: 5.45 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF094356.D

Acq: 11 Apr 2017 18:01

Instrument :

BNA_F

ClientSampleId :

FW10D

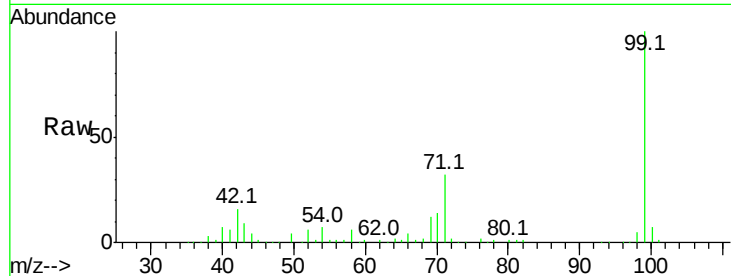
Tot Ion: 99 Resp: 254967

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

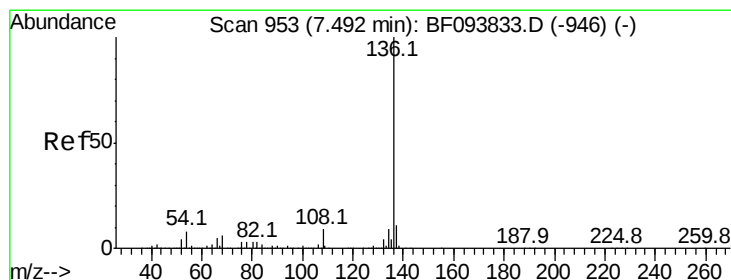
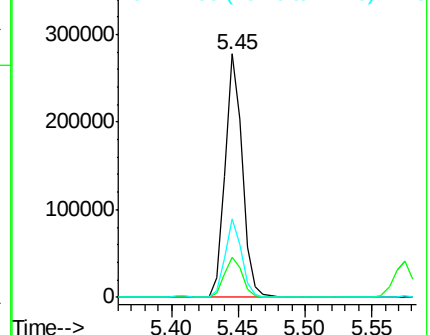
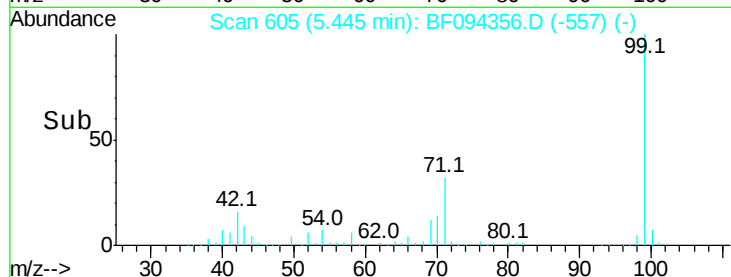
71 32.1 24.5 36.7



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: 7.33 min Scan# 925

Delta R.T. -0.04 min

Lab File: BF094356.D

Acq: 11 Apr 2017 18:01

Tgt Ion: 136 Resp: 559970

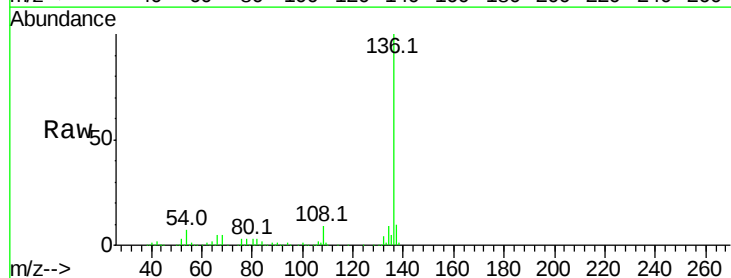
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.6 4.9 7.3

68 5.3 4.1 6.1

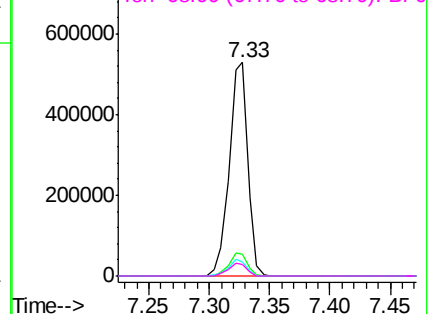
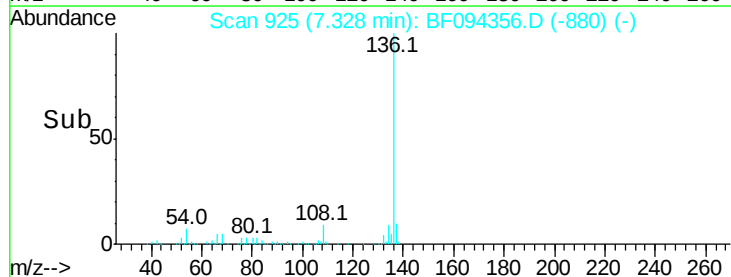


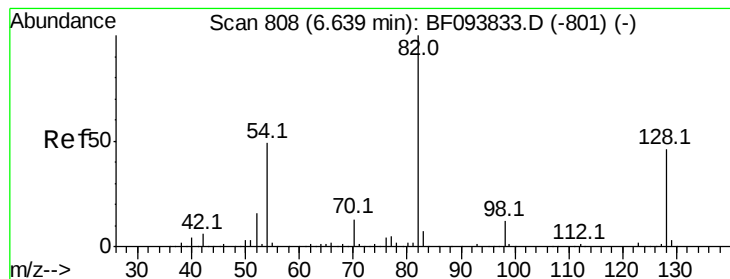
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.48 ng

RT: 6.47 min Scan# 780

Delta R.T. -0.04 min

Lab File: BF094356.D

Acq: 11 Apr 2017 18:01

Instrument :

BNA_F

ClientSampleId :

FW10D

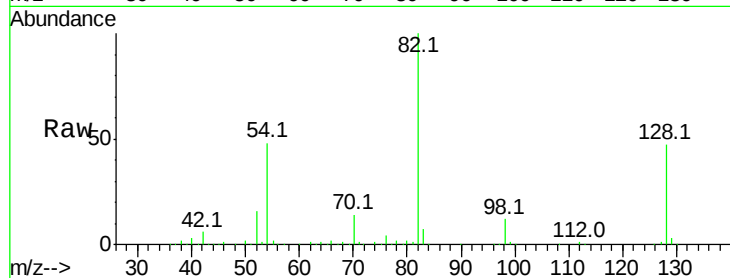
Tot Ion: 82 Resp: 878015

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

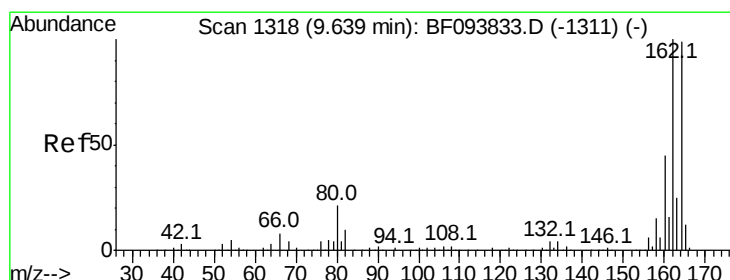
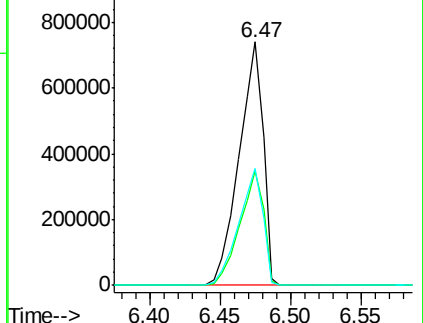
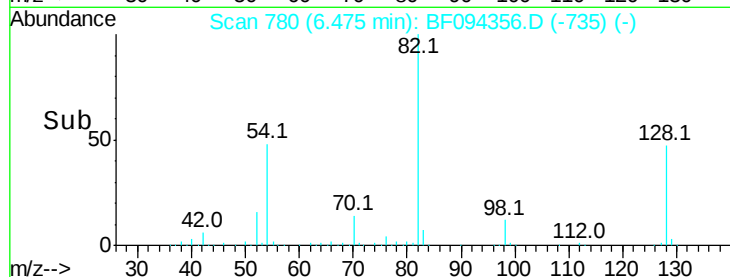
54 48.0 42.2 63.2



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: 9.46 min Scan# 1288

Delta R.T. -0.04 min

Lab File: BF094356.D

Acq: 11 Apr 2017 18:01

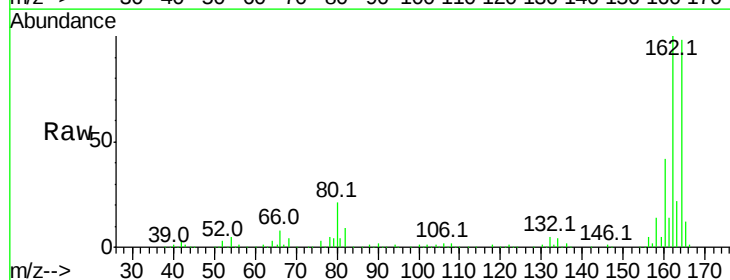
Tgt Ion:164 Resp: 266110

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

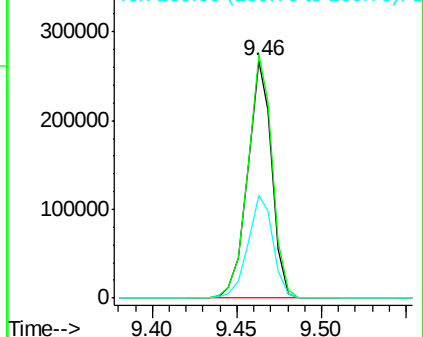
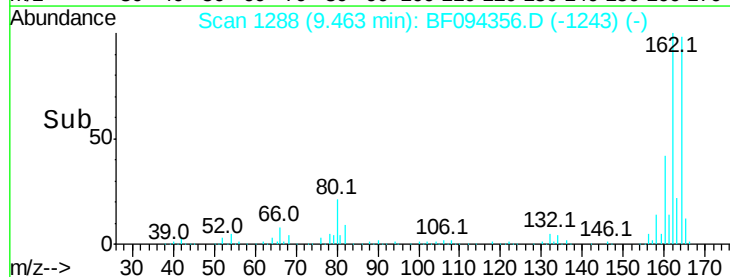
160 43.5 36.2 54.2



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

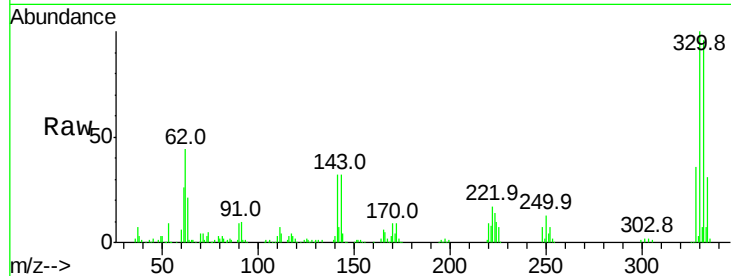




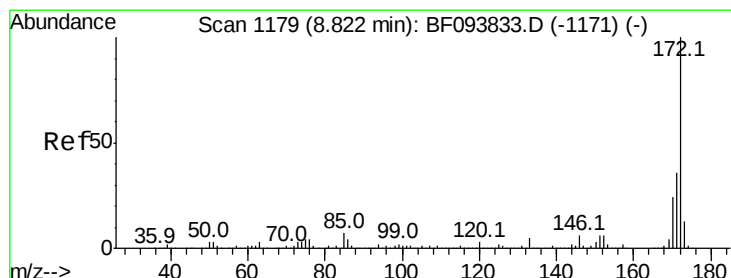
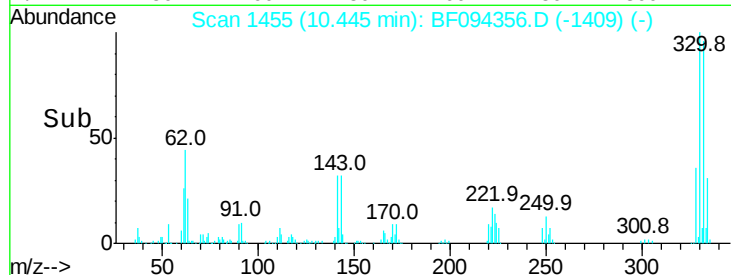
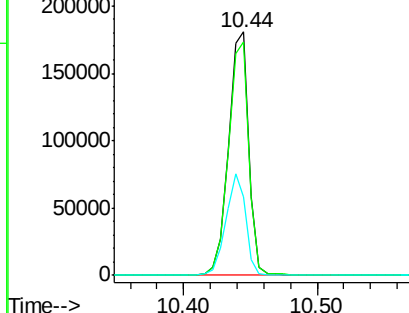
#41
 2,4,6-Tribromophenol
 Concen: 92.10 ng
 RT: 10.44 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF094356.D
 Acq: 11 Apr 2017 18:01

Instrument :
 BNA_F
 ClientSampleID :
 FW10D

Tot Ion:330 Resp: 193677
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 40.8 31.4 47.2

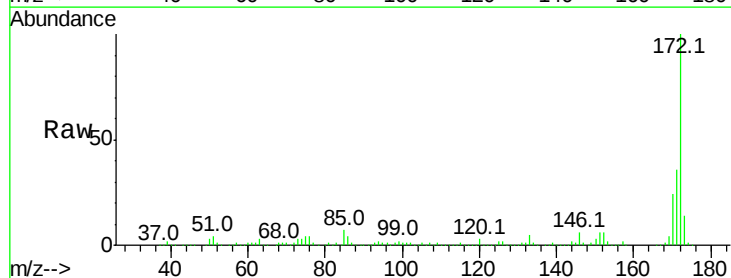


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

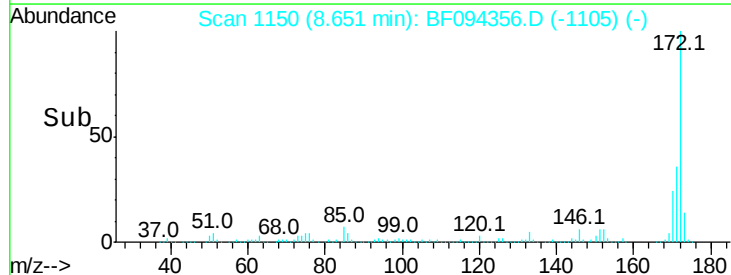
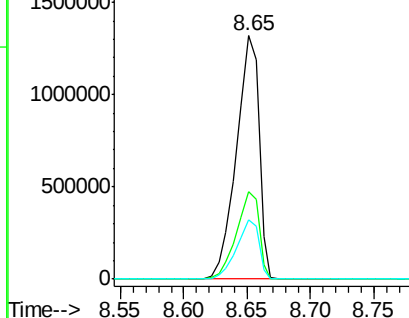


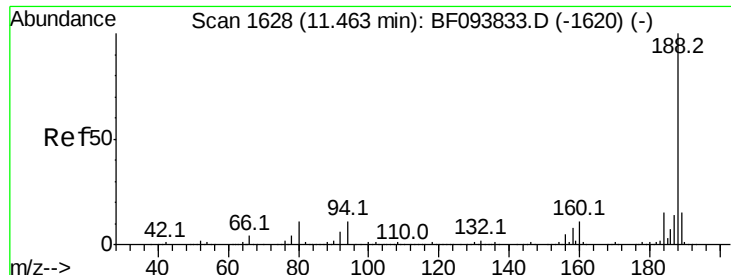
#44
 2-Fluorobiphenyl
 Concen: 92.69 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.04 min
 Lab File: BF094356.D
 Acq: 11 Apr 2017 18:01

Tgt Ion:172 Resp: 1617139
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.2 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: 11.29 min Scan# 1598

Delta R.T. -0.04 min

Lab File: BF094356.D

Acq: 11 Apr 2017 18:01

Instrument :

BNA_F

ClientSampleId :

FW10D

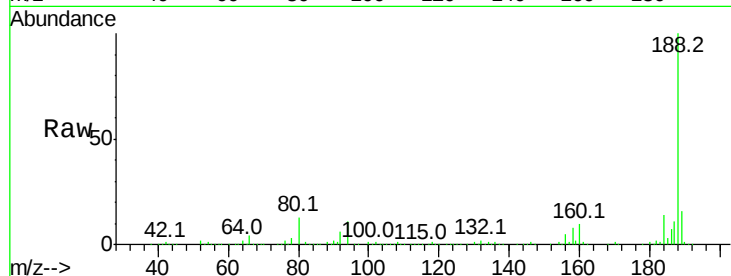
Tot Ion:188 Resp: 468920

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

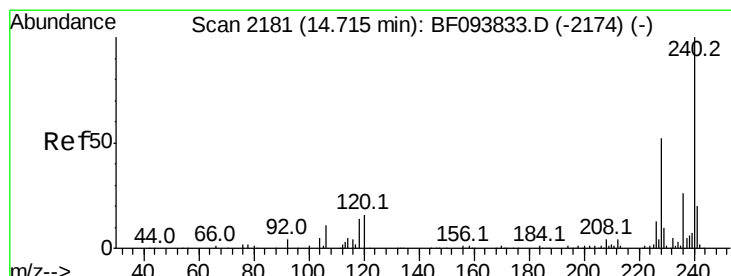
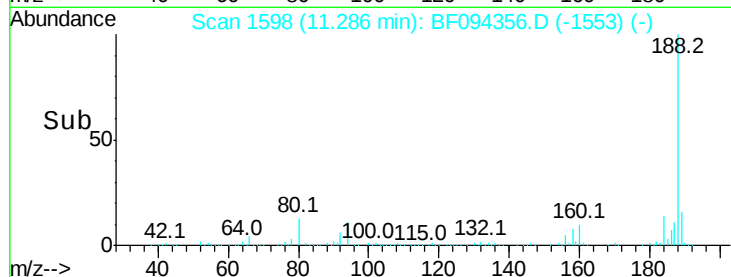
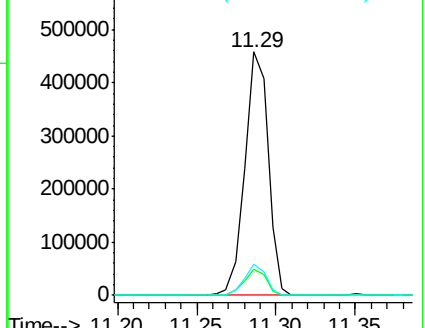
80 12.5 10.2 15.2



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: 14.54 min Scan# 2151

Delta R.T. -0.04 min

Lab File: BF094356.D

Acq: 11 Apr 2017 18:01

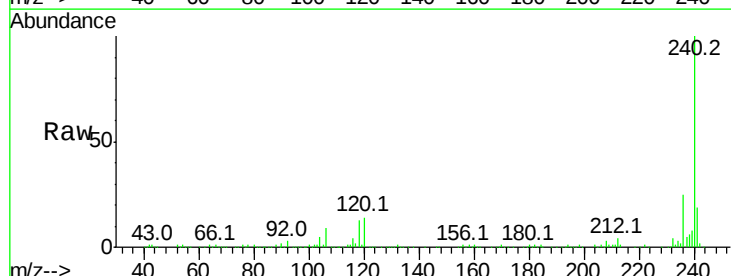
Tgt Ion:240 Resp: 370735

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

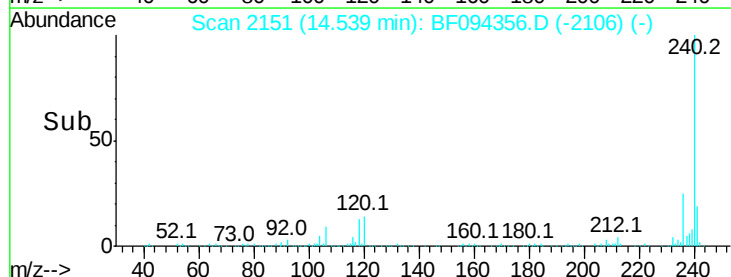
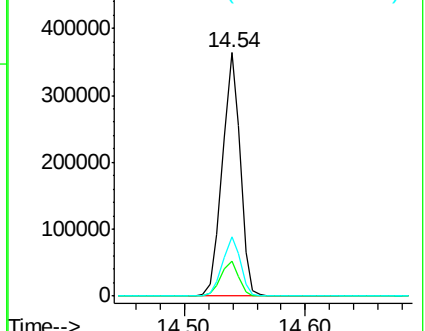
236 24.5 20.5 30.7

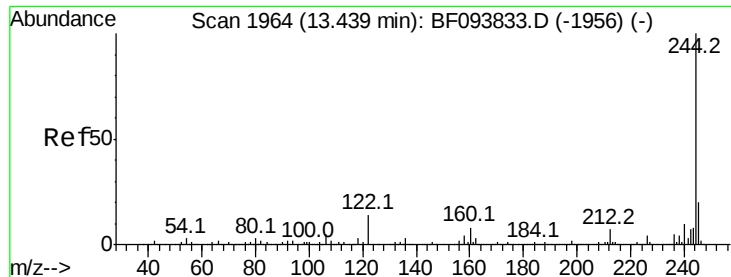


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

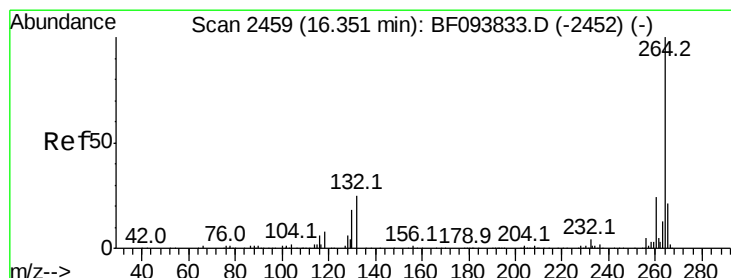
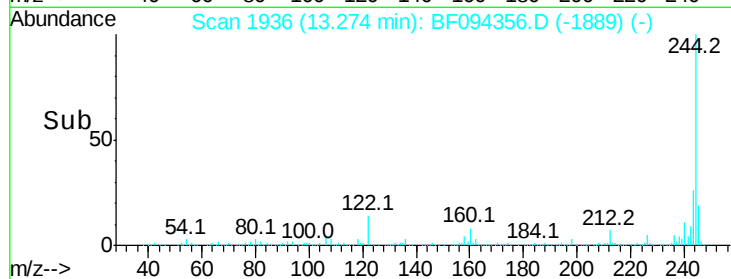
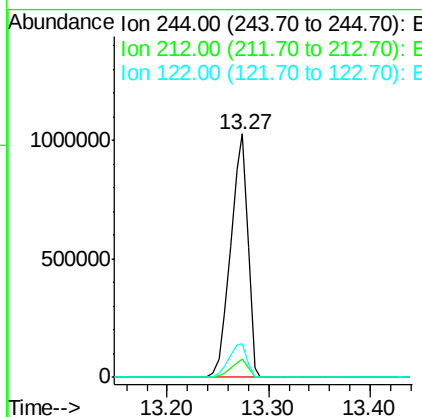
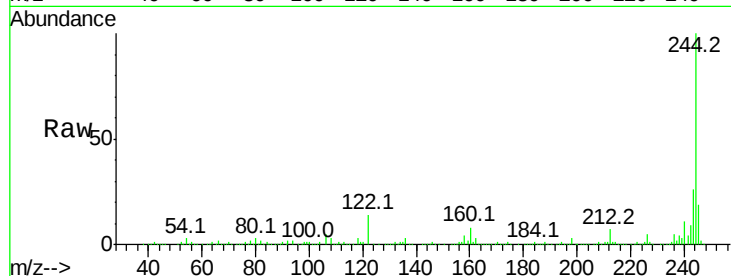




#78
 Terphenyl-d14
 Concen: 73.00 ng
 RT: 13.27 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BF094356.D
 Acq: 11 Apr 2017 18:01

Instrument :
 BNA_F
 ClientSampled :
 FW10D

Tot Ion:244 Resp: 1207430
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.17 min Scan# 2428
 Delta R.T. -0.02 min
 Lab File: BF094356.D
 Acq: 11 Apr 2017 18:01

Tgt Ion:264 Resp: 239291
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.9 17.2 25.8

