

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094174.D
 Acq On : 4 Apr 2017 18:30
 Operator : SJ/MA
 Sample : I2516-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Quant Time: Apr 05 01:26:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	171538	20.00	ng	-0.03
21) Naphthalene-d8	7.37	136	700785	20.00	ng	-0.04
38) Acenaphthene-d10	9.52	164	329444	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	605156	20.00	ng	-0.03
75) Chrysene-d12	14.60	240	513955	20.00	ng	-0.03
86) Perylene-d12	16.23	264	365544	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	355119	34.97	ng	-0.02
7) Phenol-d6	5.47	99	296358	23.59	ng	-0.04
23) Nitrobenzene-d5	6.52	82	1046473	85.22	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	228449	87.75	ng	-0.03
44) 2-Fluorobiphenyl	8.70	172	1866139	86.40	ng	-0.03
78) Terphenyl-d14	13.33	244	1659738	72.39	ng	-0.02

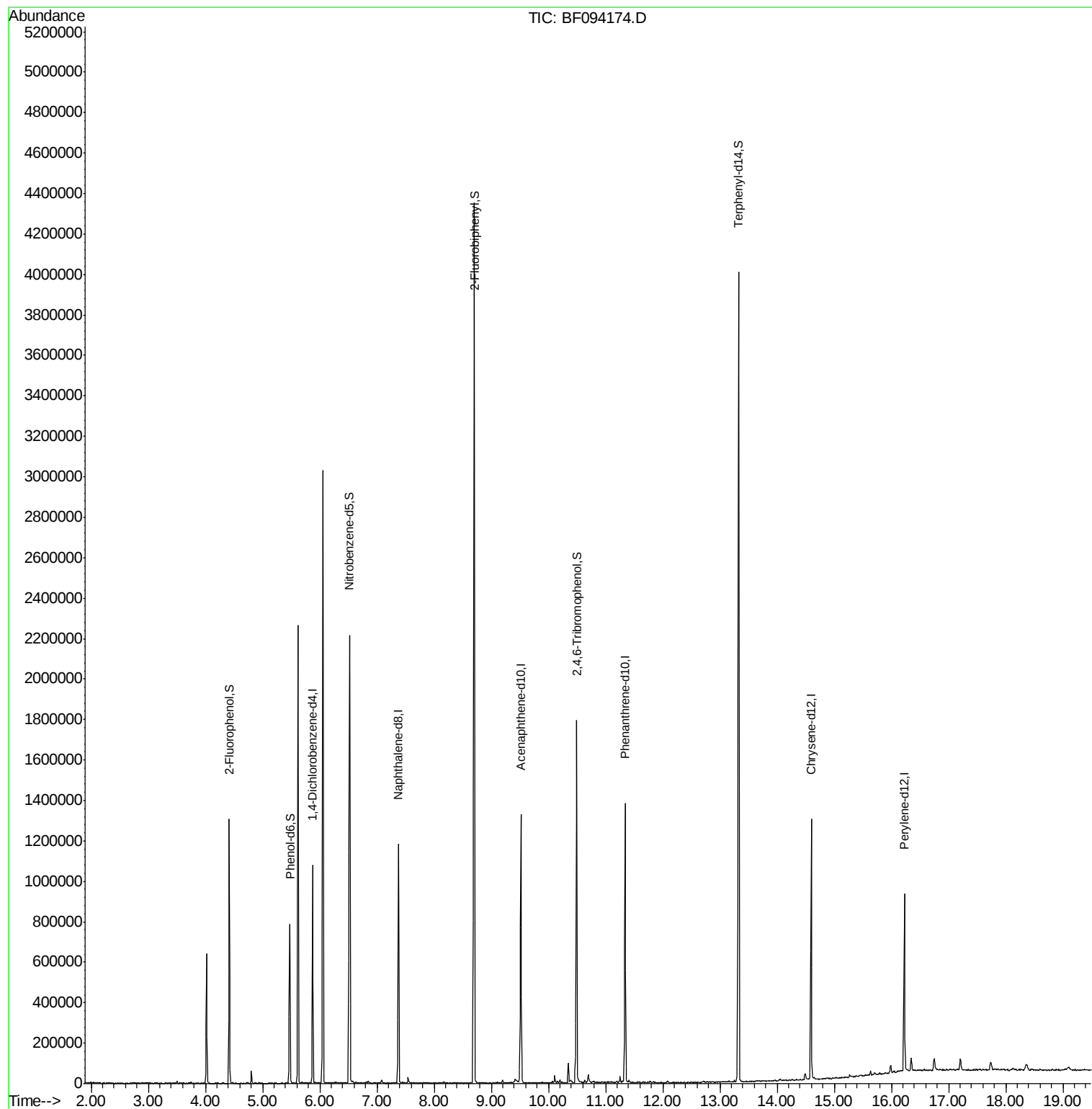
Target Compounds Qvalue

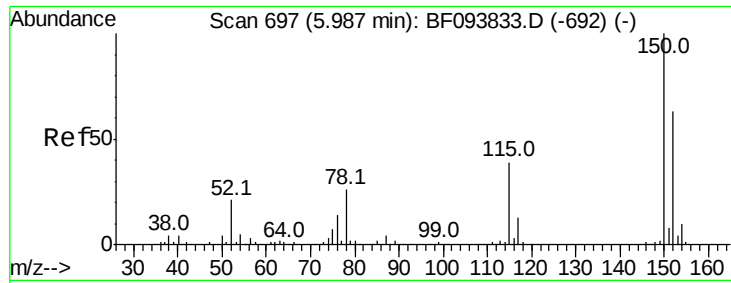
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.87 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF094174.D

Acq: 4 Apr 2017 18:30

Instrument :

BNA_F

ClientSampleId :

MW-8

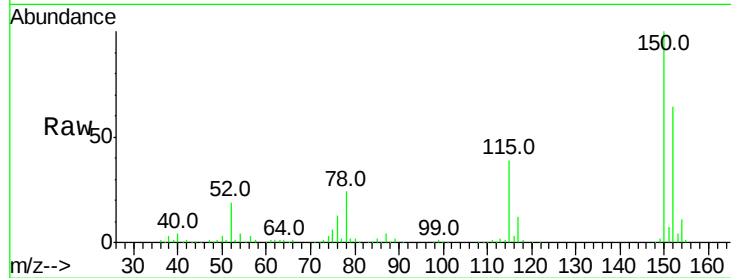
Tot Ion:152 Resp: 171538

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

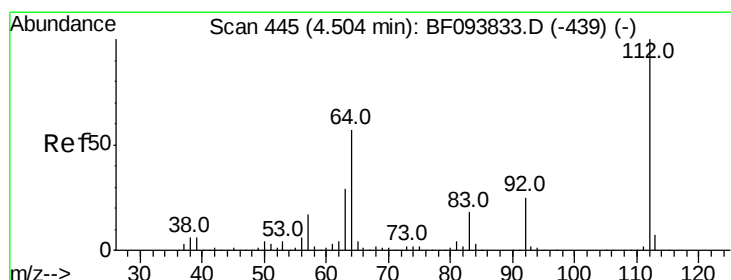
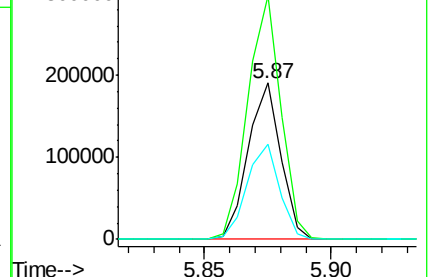
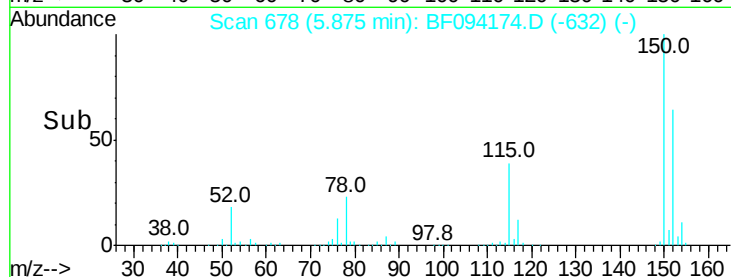
115 60.5 52.2 78.2



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: 34.97 ng

RT: 4.42 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF094174.D

Acq: 4 Apr 2017 18:30

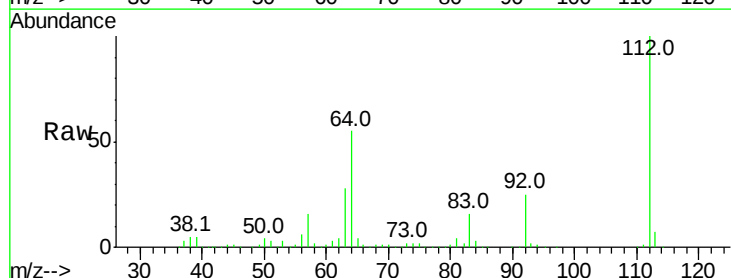
Tgt Ion:112 Resp: 355119

Ion Ratio Lower Upper

112 100

64 55.2 46.0 69.0

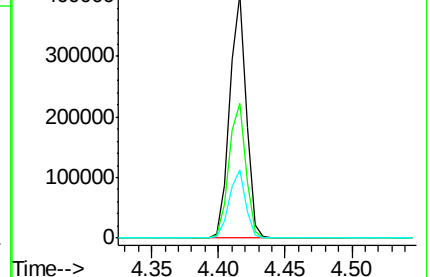
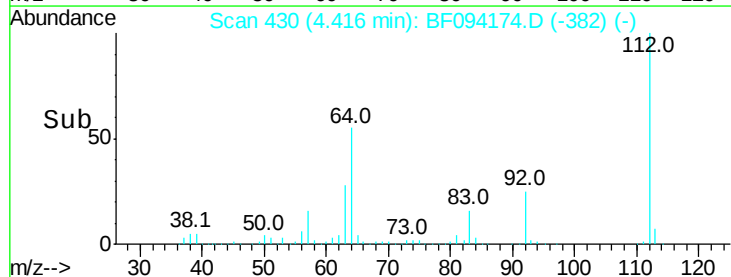
63 28.1 23.4 35.0

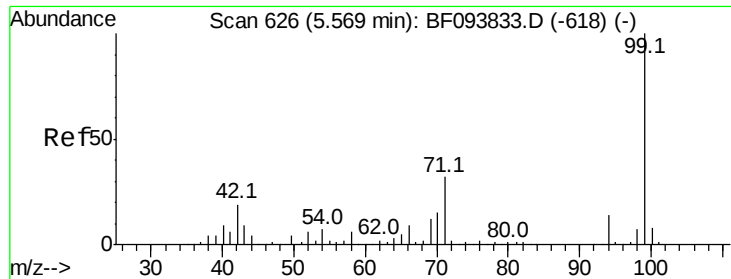


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.59 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094174.D

Acq: 4 Apr 2017 18:30

Instrument :

BNA_F

ClientSampleId :

MW-8

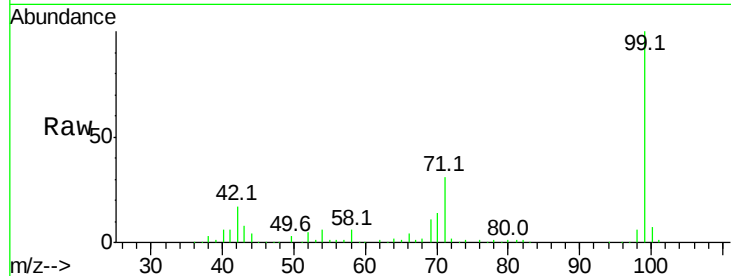
Tot Ion: 99 Resp: 296358

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

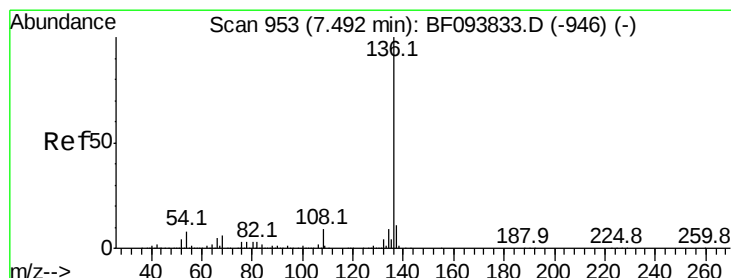
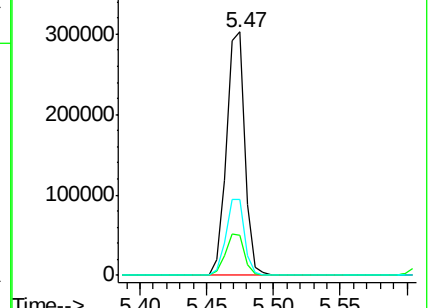
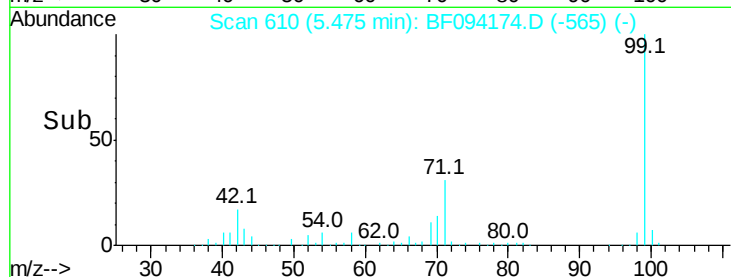
71 31.0 24.5 36.7



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: 7.37 min Scan# 933

Delta R.T. -0.04 min

Lab File: BF094174.D

Acq: 4 Apr 2017 18:30

Tgt Ion: 136 Resp: 700785

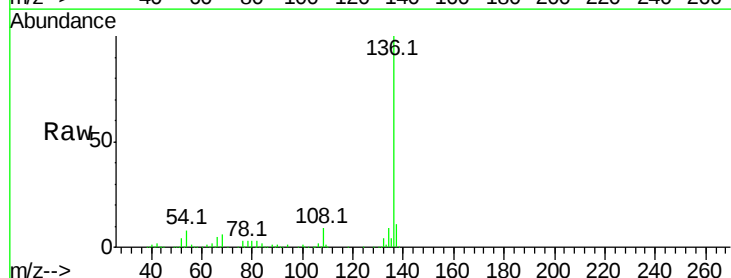
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.8 4.9 7.3#

68 6.4 4.1 6.1#

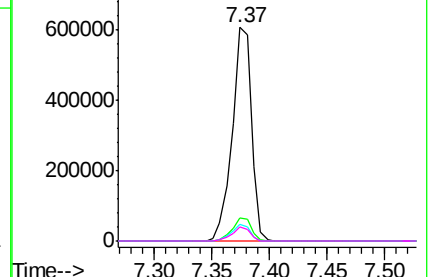
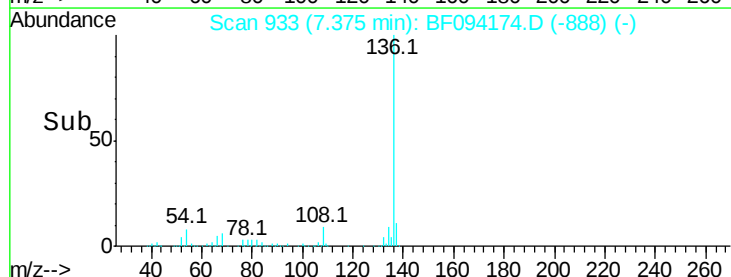


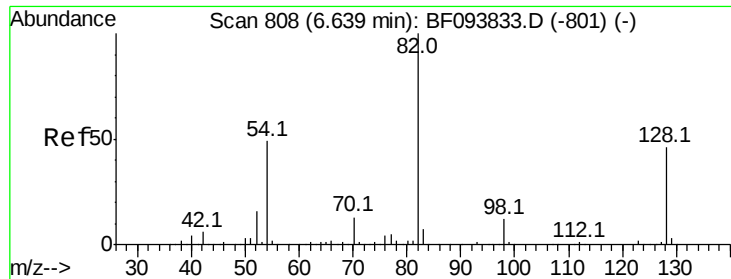
Abundance Ion 136.00 (135.70 to 136.70): E

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



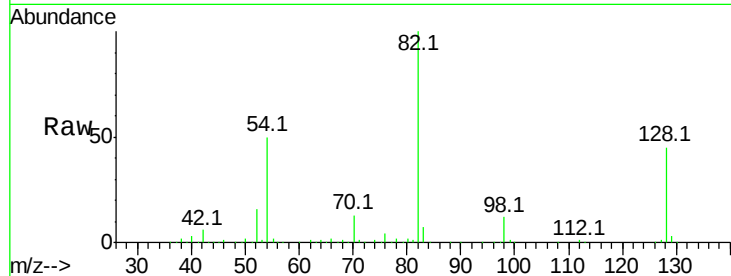


#23
 Nitrobenzene-d5
 Concen: 85.22 ng
 RT: 6.52 min Scan# 788
 Delta R.T. -0.04 min
 Lab File: BF094174.D
 Acq: 4 Apr 2017 18:30

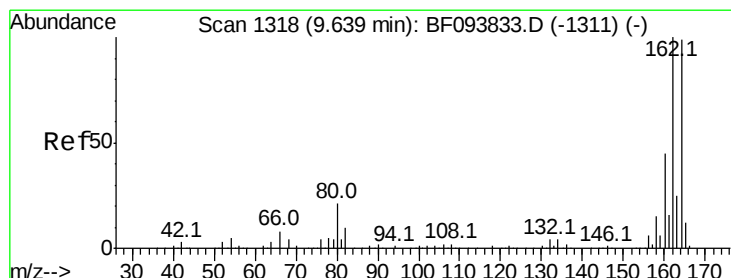
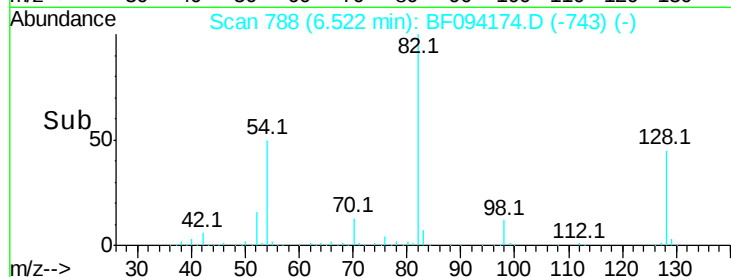
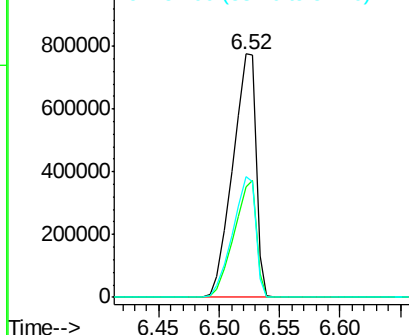
Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tot Ion: 82 Resp: 1046473

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	49.5	42.2	63.2



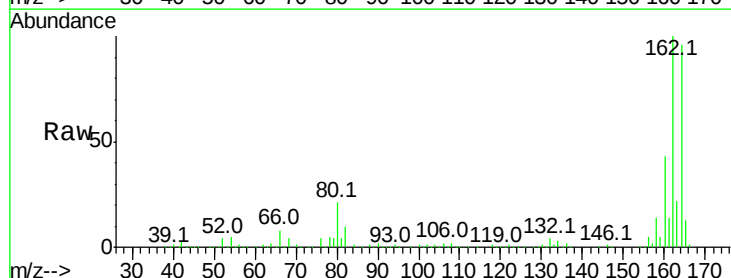
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



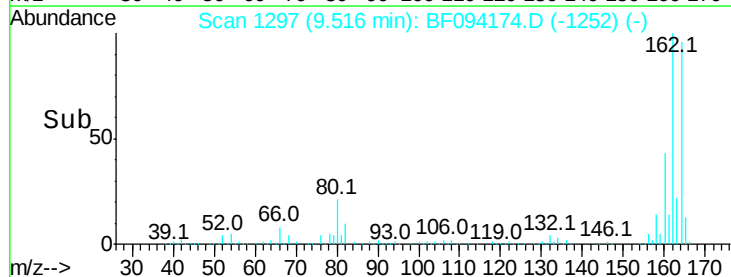
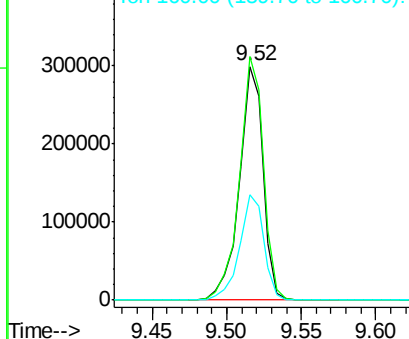
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.04 min
 Lab File: BF094174.D
 Acq: 4 Apr 2017 18:30

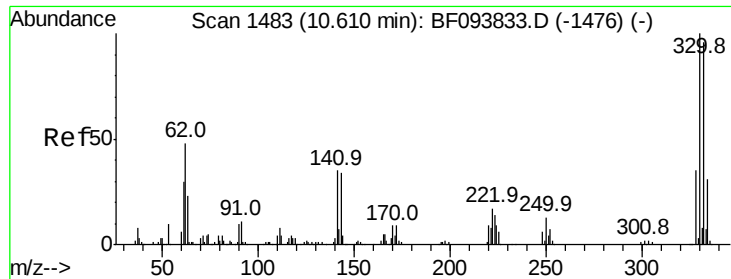
Tgt Ion:164 Resp: 329444

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	45.3	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

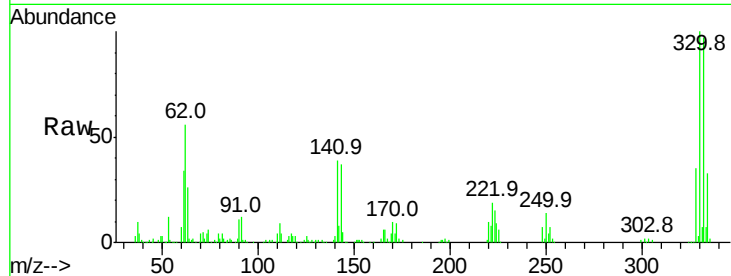




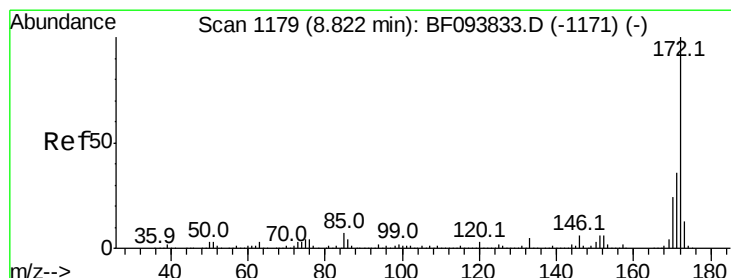
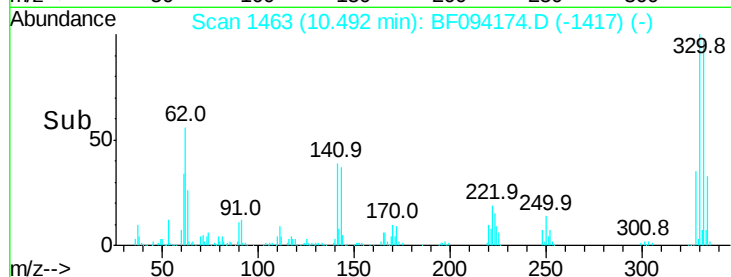
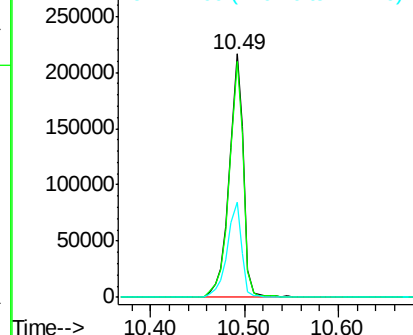
#41
 2,4,6-Tribromophenol
 Concen: 87.75 ng
 RT: 10.49 min Scan# 1463
 Delta R.T. -0.03 min
 Lab File: BF094174.D
 Acq: 4 Apr 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tot Ion:330 Resp: 228449
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 39.7 31.4 47.2

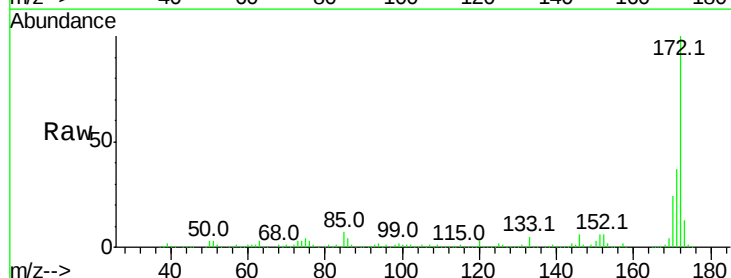


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

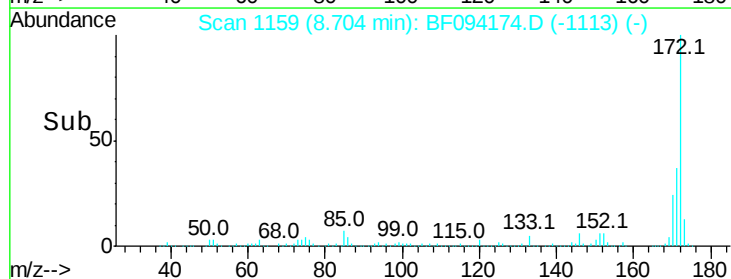
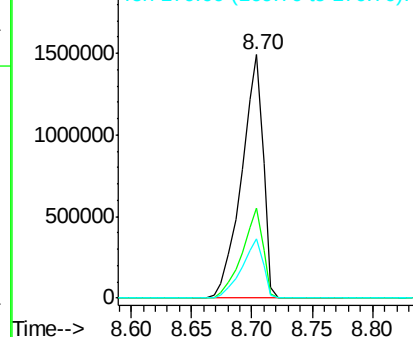


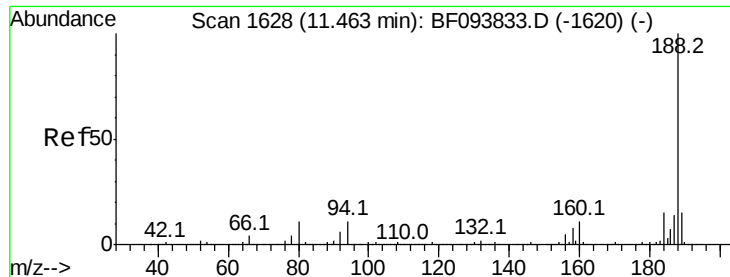
#44
 2-Fluorobiphenyl
 Concen: 86.40 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BF094174.D
 Acq: 4 Apr 2017 18:30

Tgt Ion:172 Resp: 1866139
 Ion Ratio Lower Upper
 172 100
 171 36.8 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: 11.35 min Scan# 1608

Delta R.T. -0.03 min

Lab File: BF094174.D

Acq: 4 Apr 2017 18:30

Instrument :

BNA_F

ClientSampleId :

MW-8

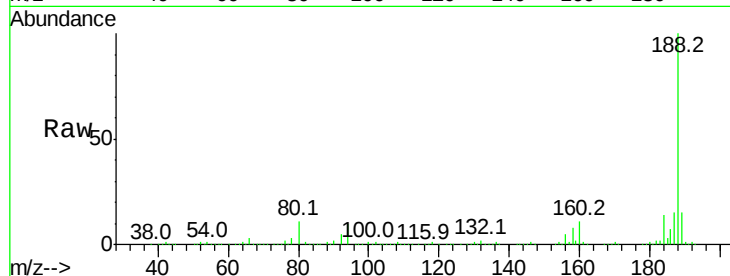
Tot Ion:188 Resp: 605156

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

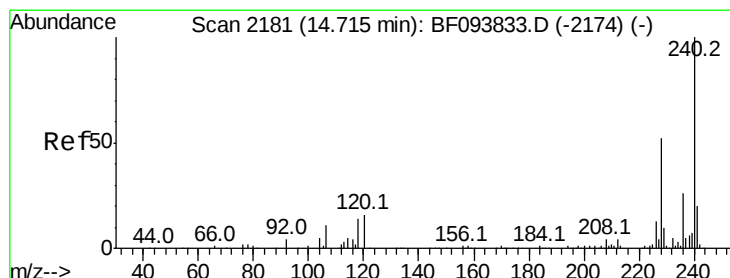
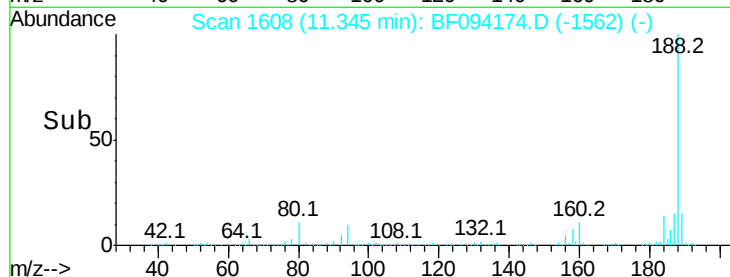
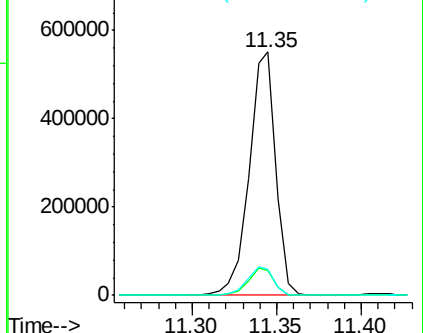
80 10.9 10.2 15.2



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: 14.60 min Scan# 2161

Delta R.T. -0.03 min

Lab File: BF094174.D

Acq: 4 Apr 2017 18:30

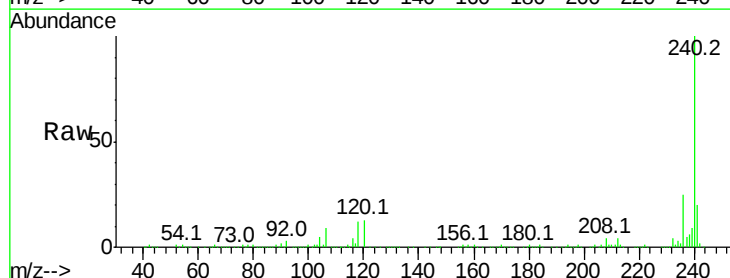
Tgt Ion:240 Resp: 513955

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

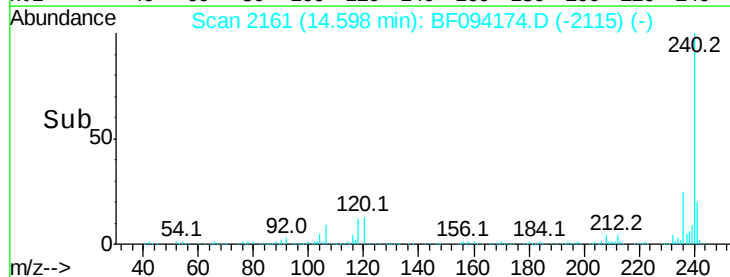
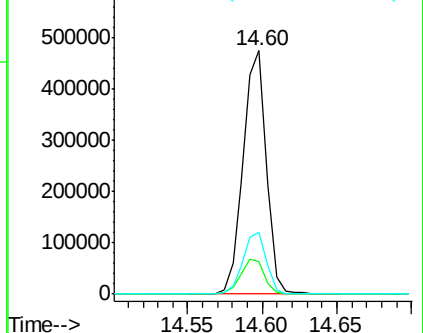
236 25.2 20.5 30.7

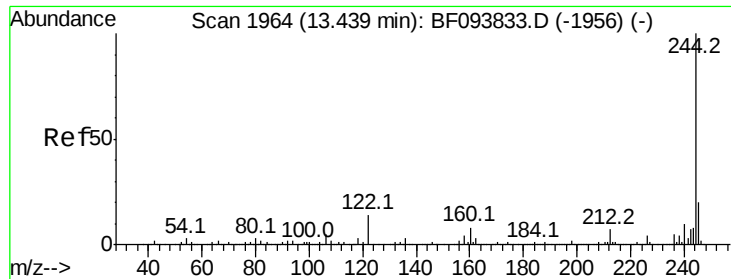


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.39 ng

RT: 13.33 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BF094174.D

Acq: 4 Apr 2017 18:30

Instrument :

BNA_F

ClientSampleId :

MW-8

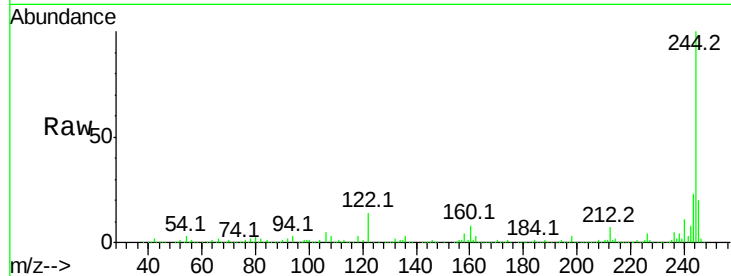
Tot Ion:244 Resp: 1659738

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

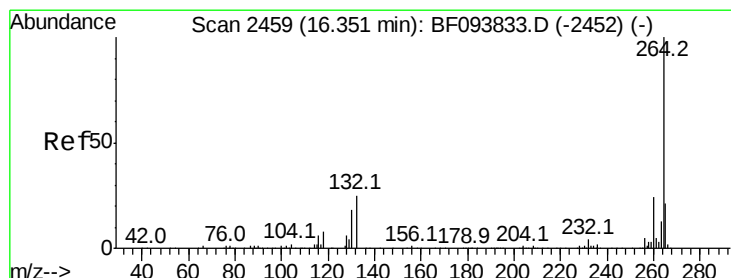
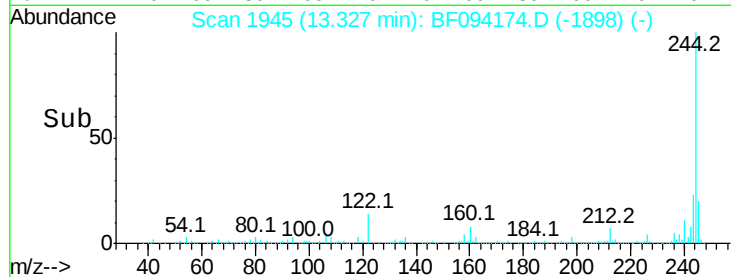
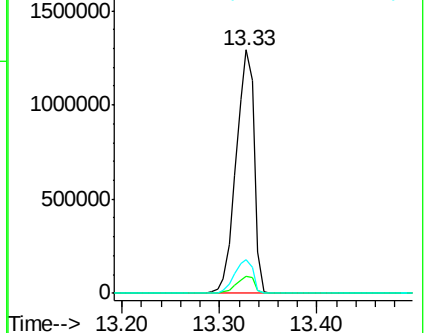
122 14.0 10.3 15.5



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: 16.23 min Scan# 2438

Delta R.T. -0.02 min

Lab File: BF094174.D

Acq: 4 Apr 2017 18:30

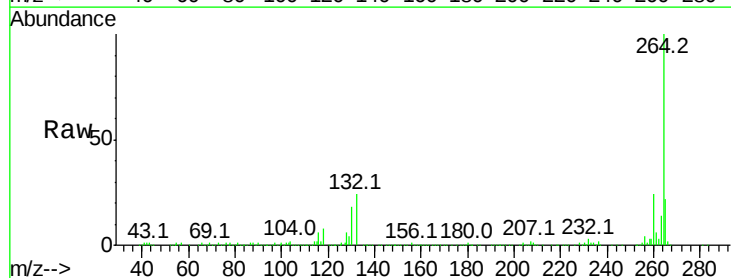
Tgt Ion:264 Resp: 365544

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.7 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

