

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094173.D
 Acq On : 4 Apr 2017 18:03
 Operator : SJ/MA
 Sample : I2516-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Apr 05 01:23:55 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	172746	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	695449	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	328245	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	600489	20.00	ng	-0.03
75) Chrysene-d12	14.60	240	478730	20.00	ng	-0.03
86) Perylene-d12	16.23	264	315320	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	658157	64.35	ng	-0.02
7) Phenol-d6	5.47	99	538713	42.58	ng	-0.04
23) Nitrobenzene-d5	6.53	82	1083062	88.88	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	403437	155.54	ng	-0.02
44) 2-Fluorobiphenyl	8.70	172	1928300	89.60	ng	-0.03
78) Terphenyl-d14	13.33	244	1666229	78.02	ng	-0.02

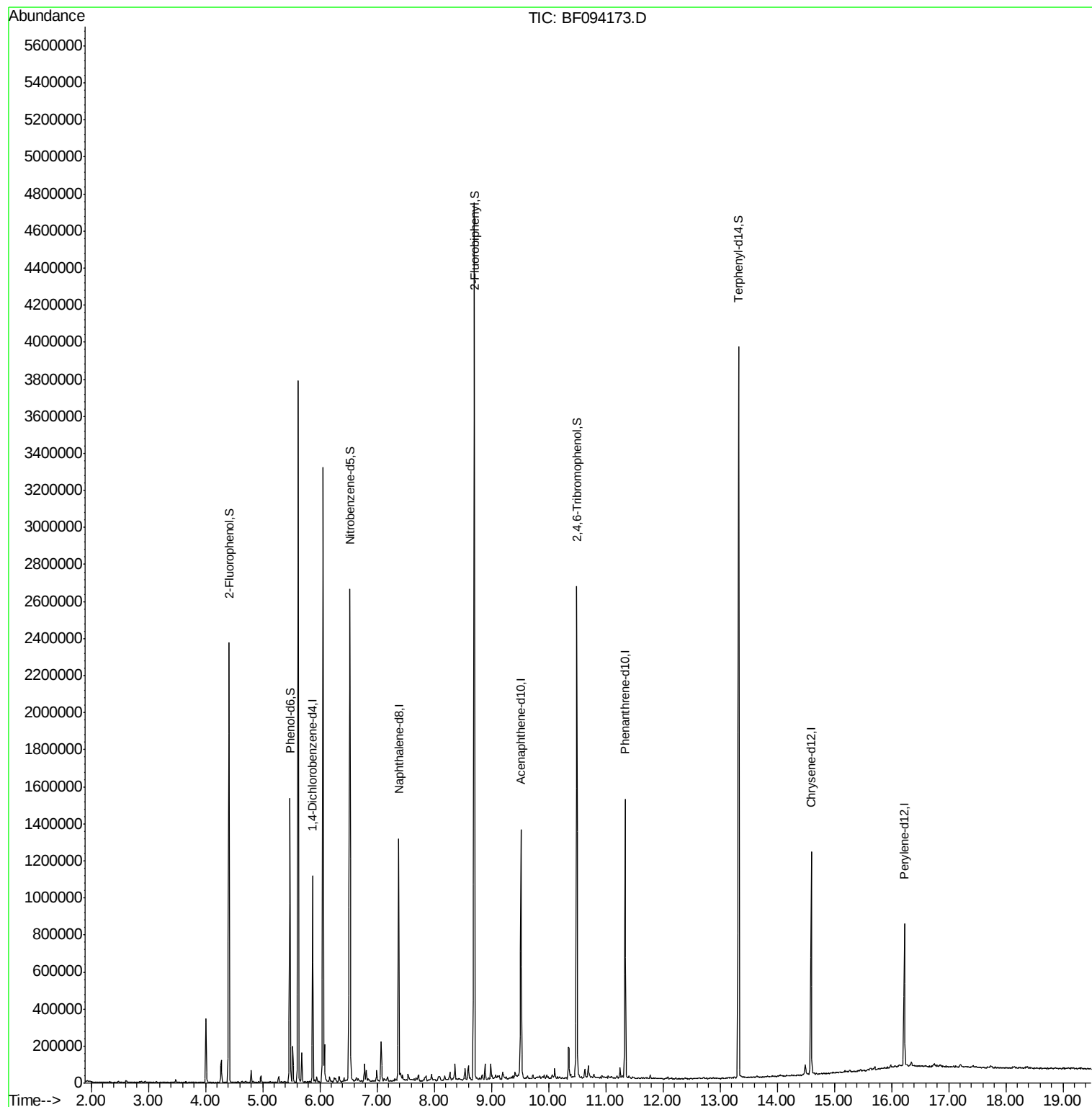
Target Compounds Qvalue

(#) = 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: BF094173.D

Acq: 4 Apr 2017 18:03

Instrument :

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ClientSampleId :

MW-16

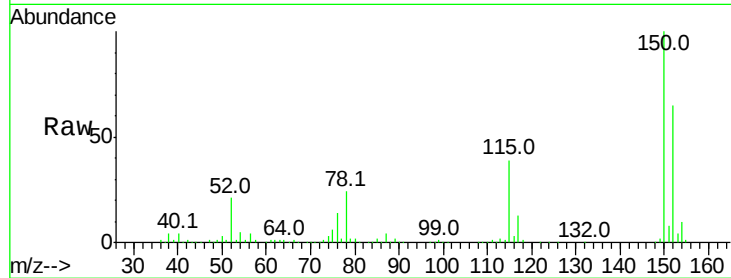
Tot Ion:152 Resp: 172746

Ion Ratio Lower Upper

152 100

150 153.1 126.2 189.2

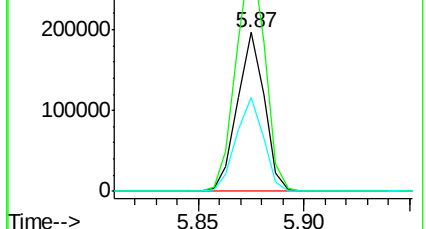
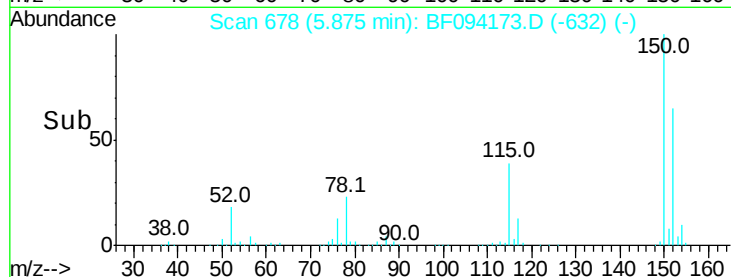
115 59.2 52.2 78.2



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: 64.35 ng

RT: 4.41 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF094173.D

Acq: 4 Apr 2017 18:03

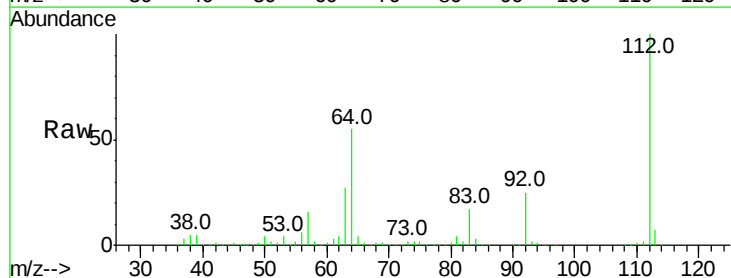
Tgt Ion:112 Resp: 658157

Ion Ratio Lower Upper

112 100

64 55.5 46.0 69.0

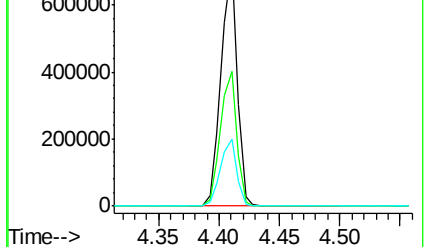
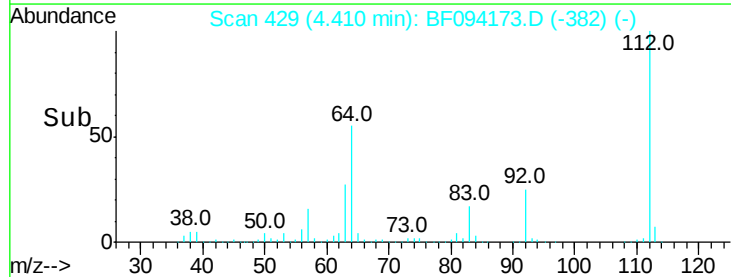
63 27.4 23.4 35.0



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: 42.58 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094173.D

Acq: 4 Apr 2017 18:03

Instrument :

BNA_F

ClientSampleId :

MW-16

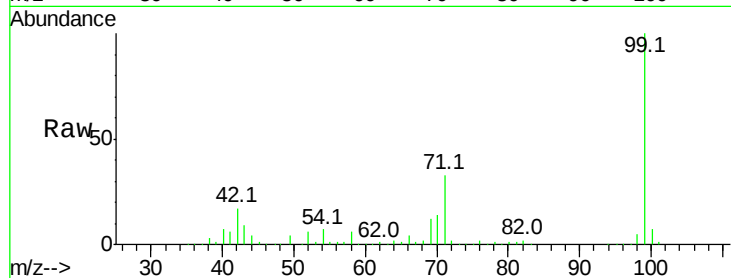
Tot Ion: 99 Resp: 538713

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

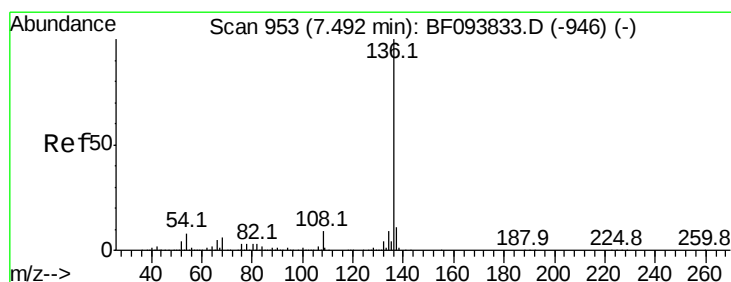
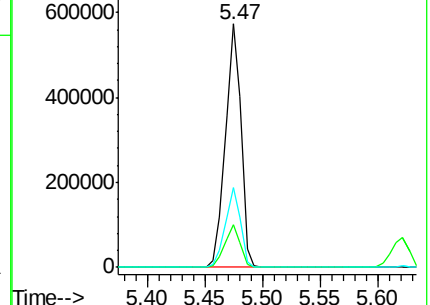
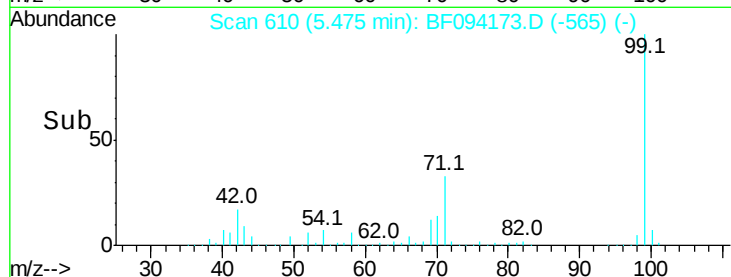
71 33.0 24.5 36.7



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: 7.38 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF094173.D

Acq: 4 Apr 2017 18:03

Tgt Ion: 136 Resp: 695449

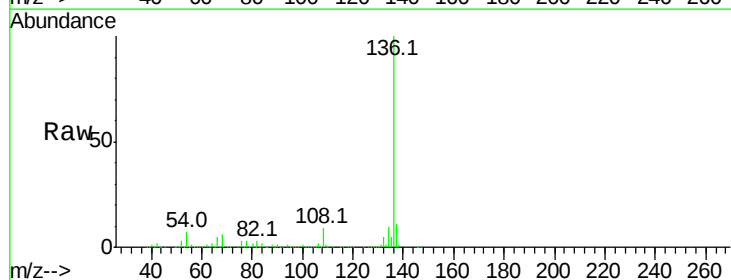
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.8 4.1 6.1

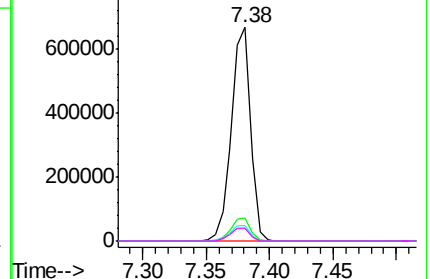
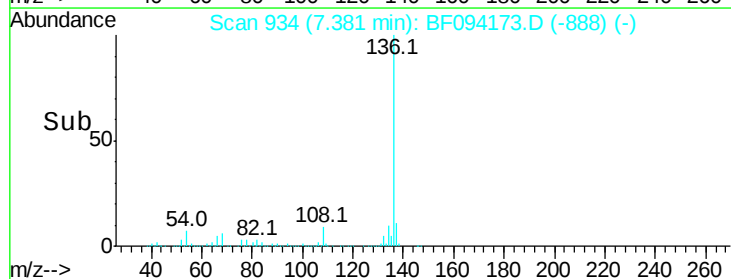


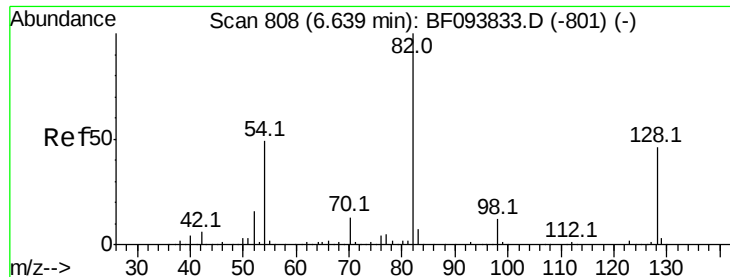
Abundance Ion 136.00 (135.70 to 136.70): E

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

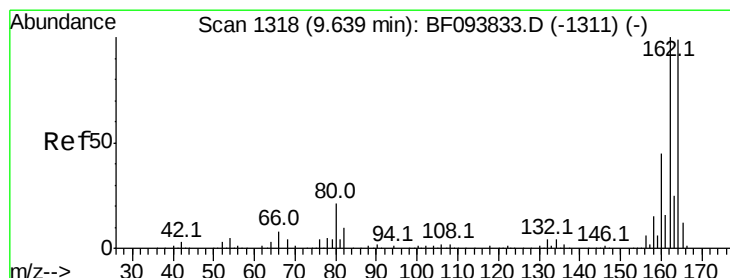
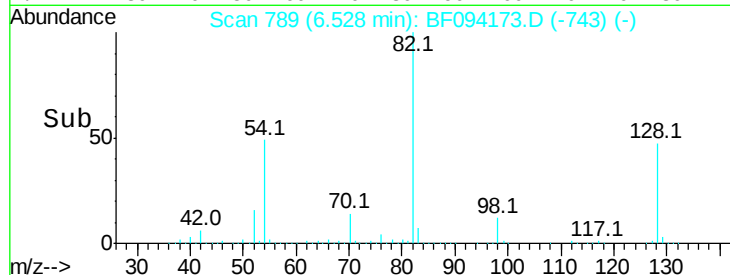
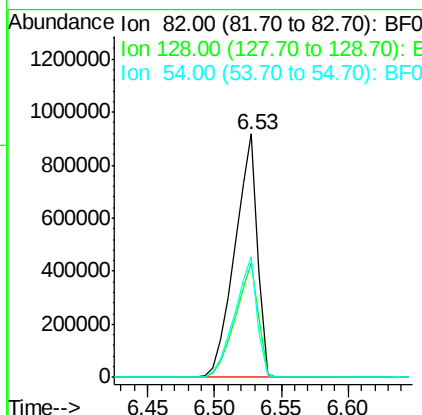
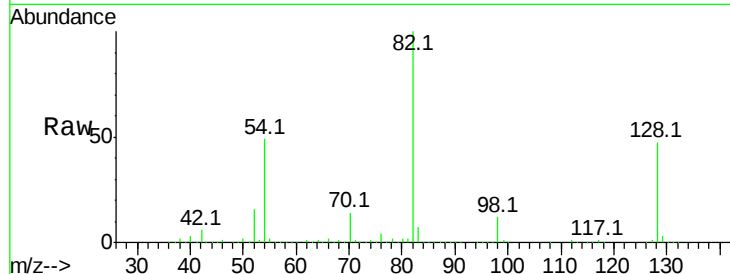




#23
Nitrobenzene-d5
Concen: 88.88 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

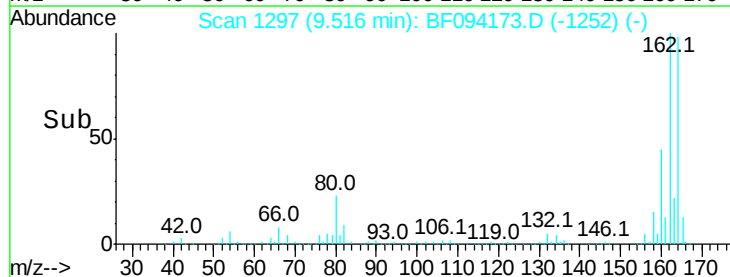
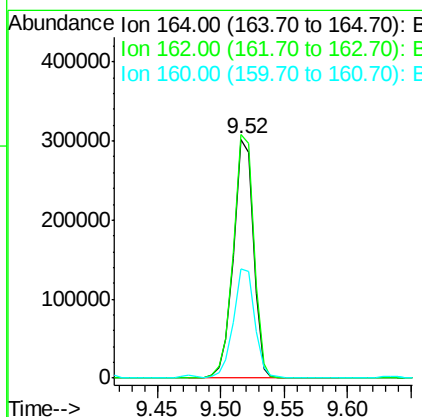
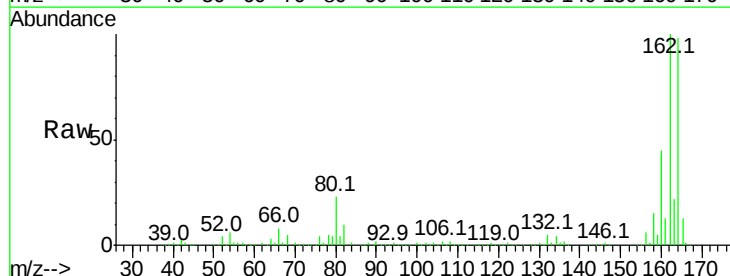
Instrument :
BNA_F
ClientSampleId :
MW-16

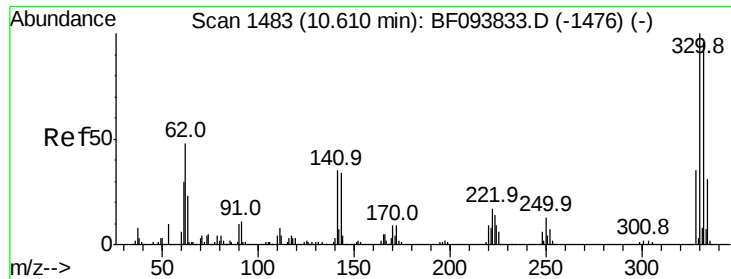
Tot Ion: 82 Resp: 1083062
Ion Ratio Lower Upper
82 100
128 47.0 34.0 51.0
54 49.4 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.04 min
Lab File: BF094173.D
Acq: 4 Apr 2017 18:03

Tgt Ion:164 Resp: 328245
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 45.7 36.2 54.2

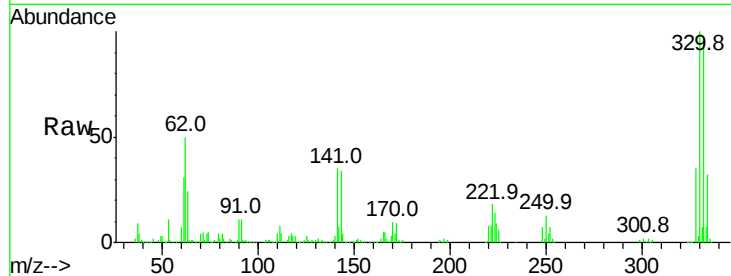




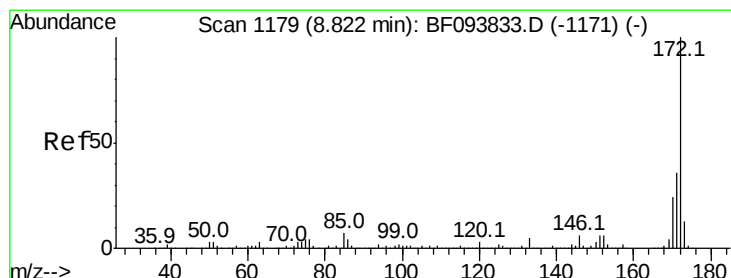
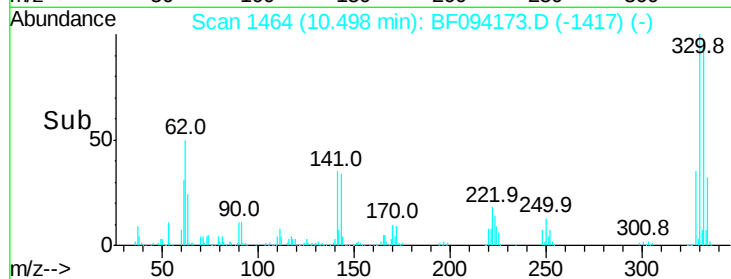
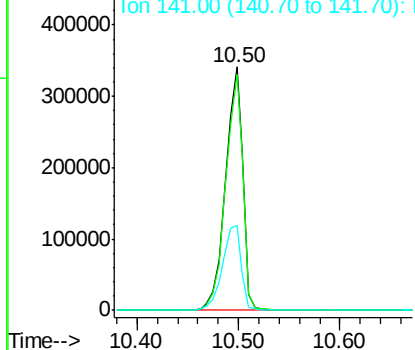
#41
 2,4,6-Tribromophenol
 Concen: 155.54 ng
 RT: 10.50 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF094173.D
 Acq: 4 Apr 2017 18:03

Instrument :
 BNA_F
 ClientSampled :
 MW-16

Tot Ion:330 Resp: 403437
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 37.8 31.4 47.2

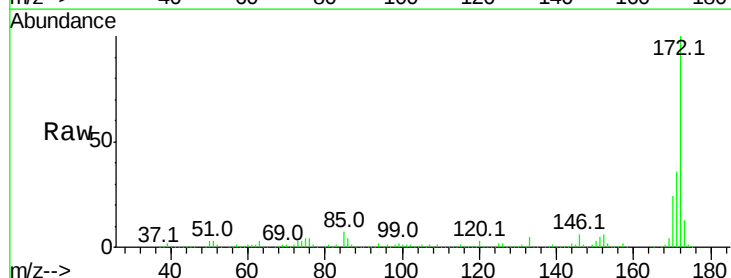


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

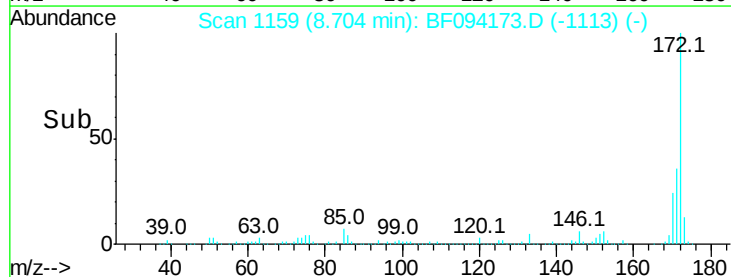
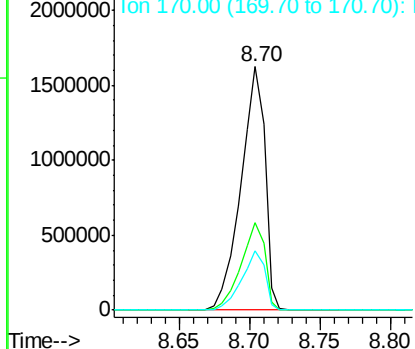


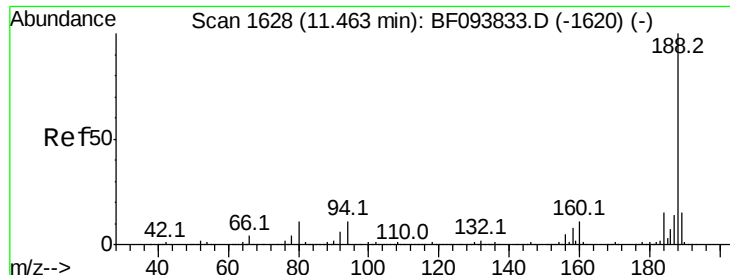
#44
 2-Fluorobiphenyl
 Concen: 89.60 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BF094173.D
 Acq: 4 Apr 2017 18:03

Tgt Ion:172 Resp: 1928300
 Ion Ratio Lower Upper
 172 100
 171 36.1 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: BF094173.D

Acq: 4 Apr 2017 18:03

Instrument :

BNA_F

ClientSampleId :

MW-16

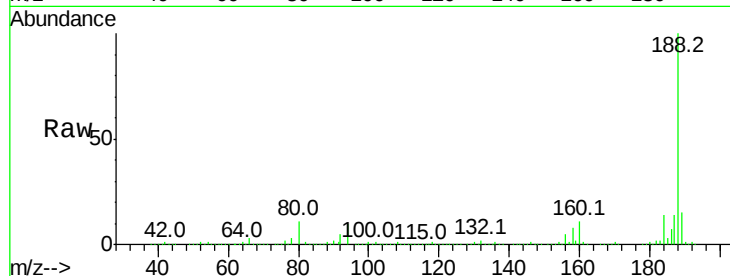
Tot Ion:188 Resp: 600489

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

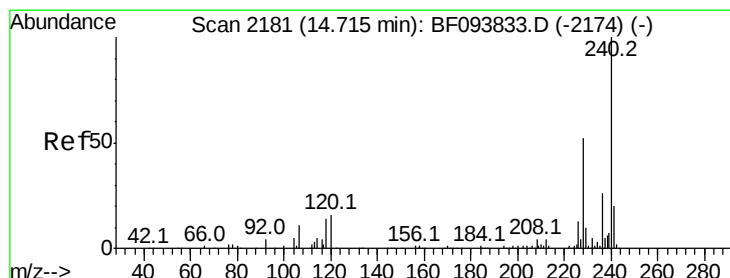
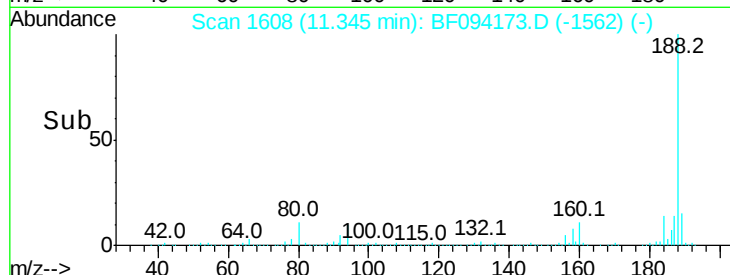
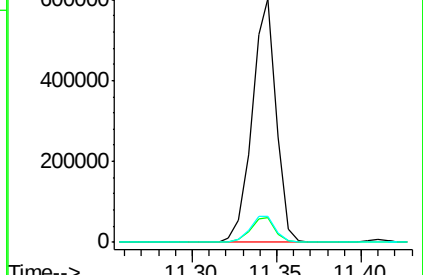
80 10.8 10.2 15.2



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: BF094173.D

Acq: 4 Apr 2017 18:03

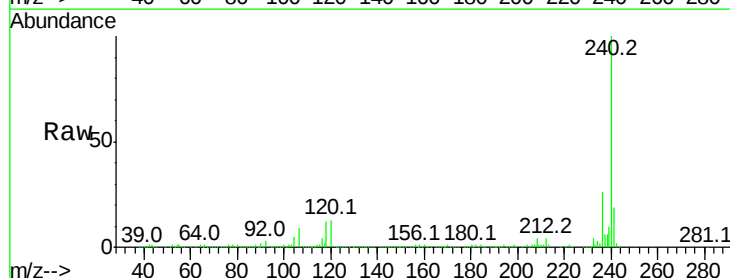
Tgt Ion:240 Resp: 478730

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

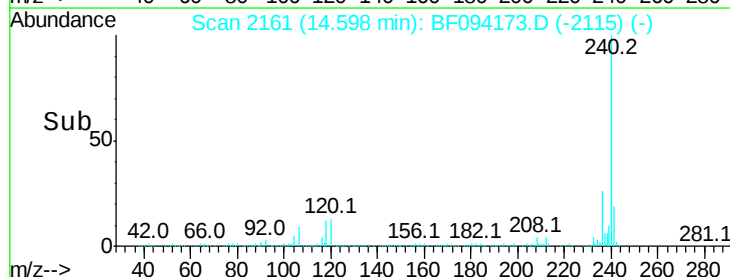
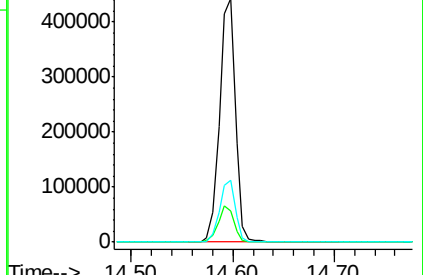
236 25.5 20.5 30.7

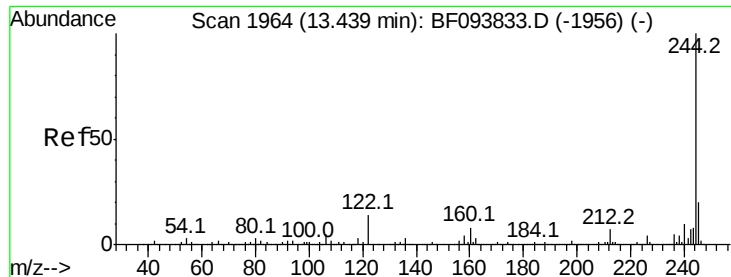


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.02 ng

RT: 13.33 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BF094173.D

Acq: 4 Apr 2017 18:03

Instrument :

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ClientSampleId :

MW-16

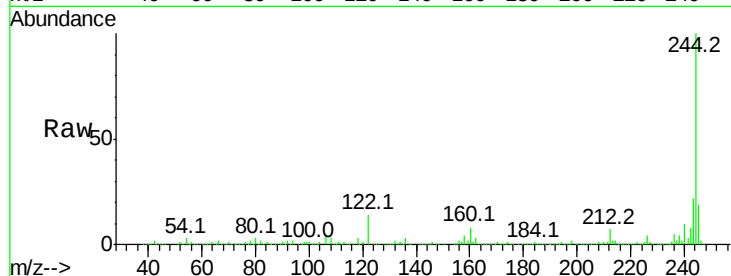
Tot Ion:244 Resp: 1666229

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

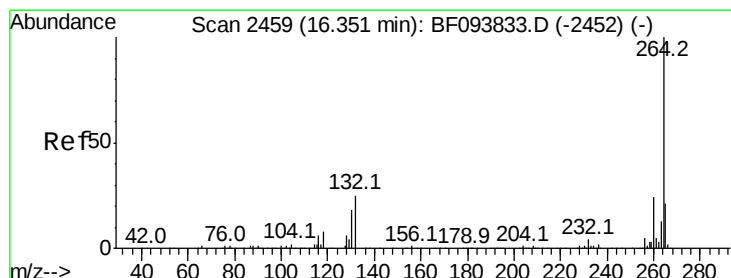
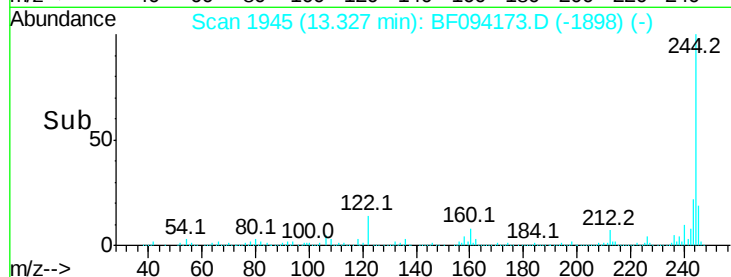
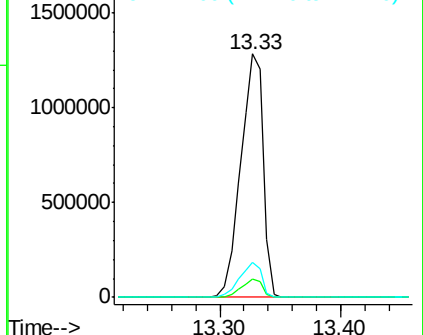
122 14.1 10.3 15.5



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: BF094173.D

Acq: 4 Apr 2017 18:03

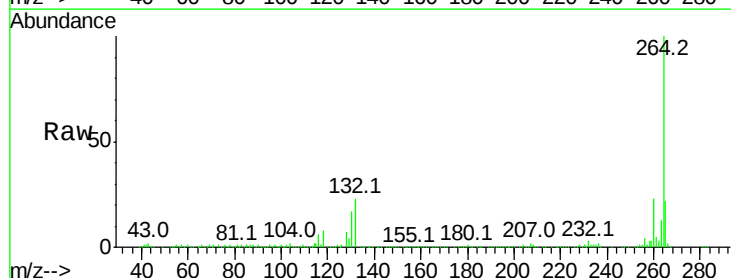
Tgt Ion:264 Resp: 315320

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 21.5 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

