

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094170.D
 Acq On : 4 Apr 2017 16:39
 Operator : SJ/MA
 Sample : PB98028BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BL

Quant Time: Apr 05 01:18:05 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	166967	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	673285	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	305921	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	553938	20.00	ng	-0.03
75) Chrysene-d12	14.60	240	459728	20.00	ng	-0.03
86) Perylene-d12	16.23	264	315758	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	1124805	113.78	ng	-0.01
7) Phenol-d6	5.49	99	1397106	114.24	ng	-0.02
23) Nitrobenzene-d5	6.53	82	869473	73.70	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	312798	129.39	ng	-0.02
44) 2-Fluorobiphenyl	8.70	172	1589811	79.27	ng	-0.03
78) Terphenyl-d14	13.33	244	1441924	70.30	ng	-0.02

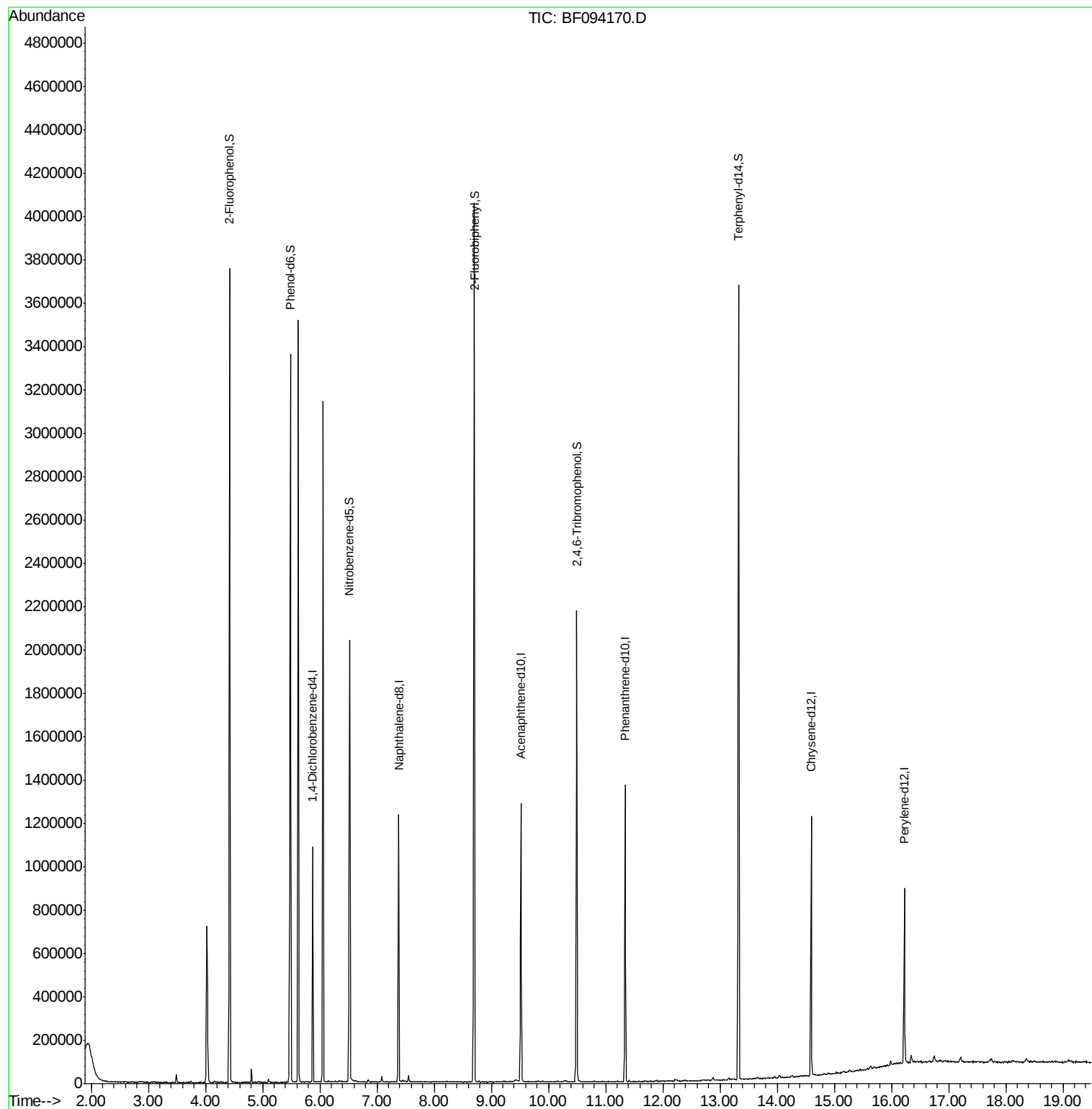
Target Compounds Qvalue

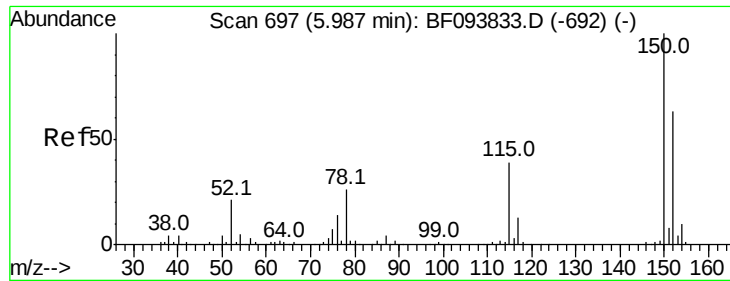
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094170.D

Acq: 4 Apr 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB98028BL

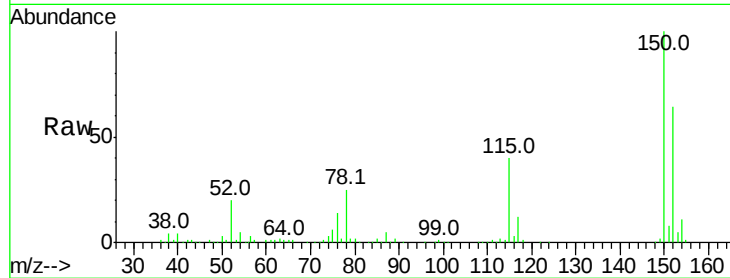
Tot Ion:152 Resp: 166967

Ion Ratio Lower Upper

152 100

150 155.7 126.2 189.2

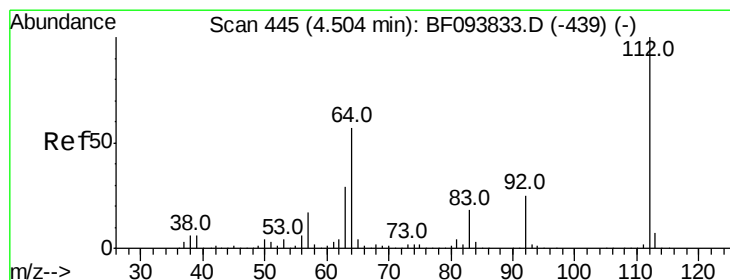
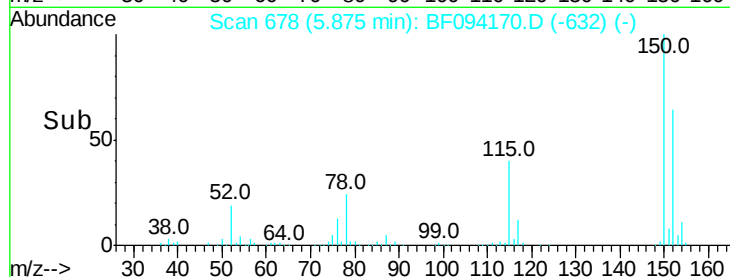
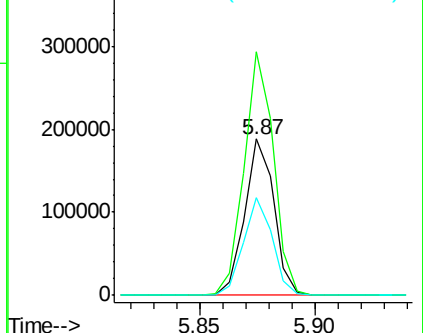
115 62.6 52.2 78.2



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: 113.78 ng

RT: 4.42 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF094170.D

Acq: 4 Apr 2017 16:39

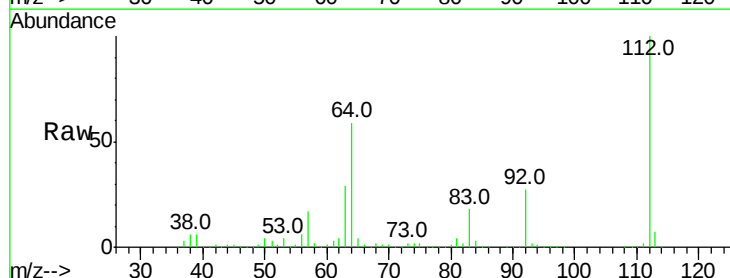
Tgt Ion:112 Resp: 1124805

Ion Ratio Lower Upper

112 100

64 58.7 46.0 69.0

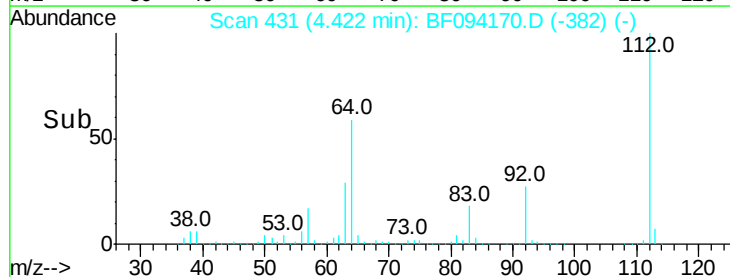
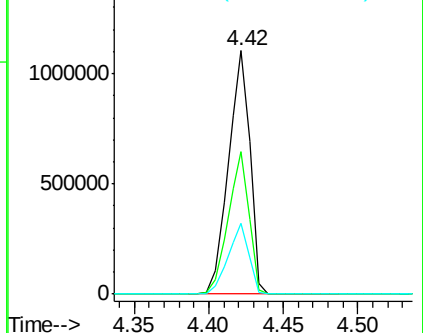
63 29.3 23.4 35.0



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: 114.24 ng

RT: 5.49 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF094170.D

Acq: 4 Apr 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB98028BL

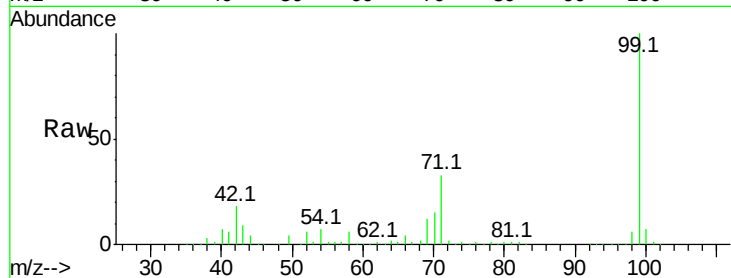
Tot Ion: 99 Resp: 1397106

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

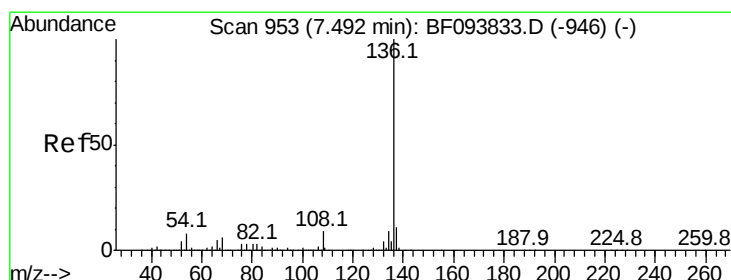
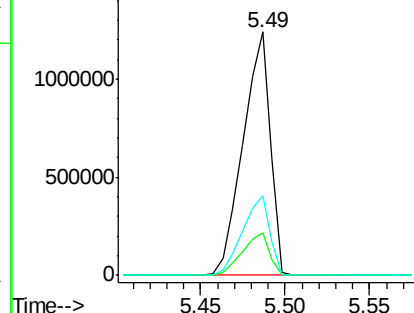
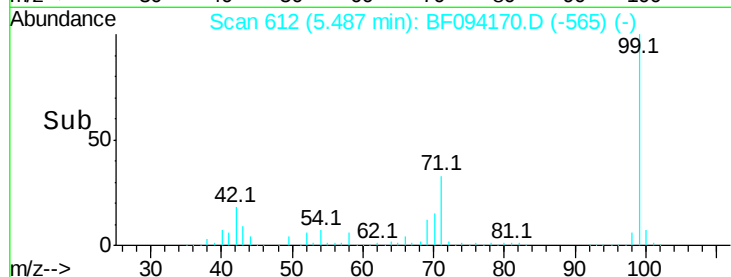
71 32.9 24.5 36.7



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: BF094170.D

Acq: 4 Apr 2017 16:39

Tgt Ion:136 Resp: 673285

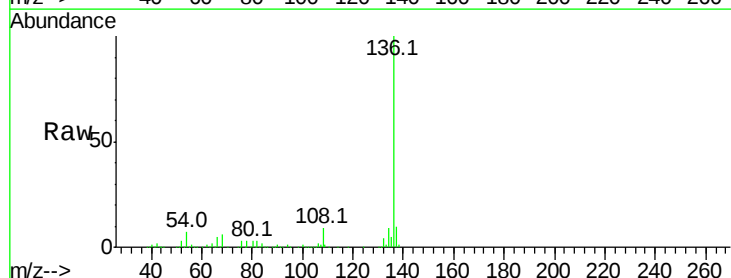
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.1 4.9 7.3

68 5.7 4.1 6.1

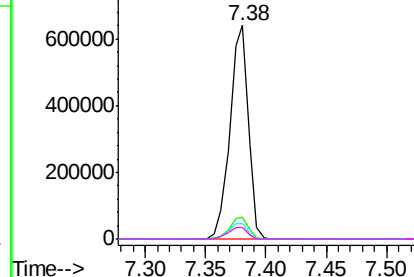
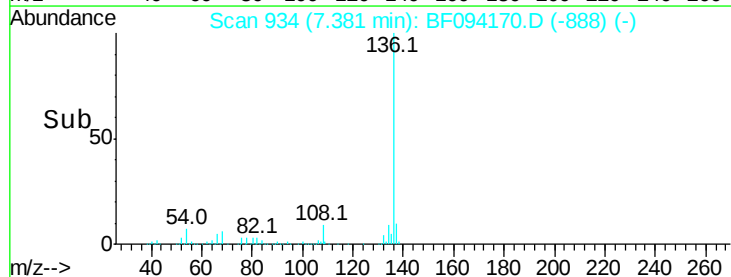


Abundance Ion 136.00 (135.70 to 136.70): E

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

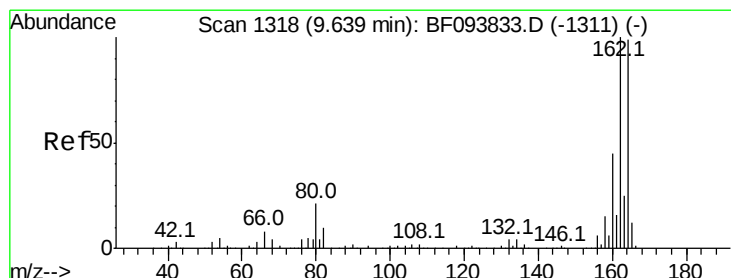
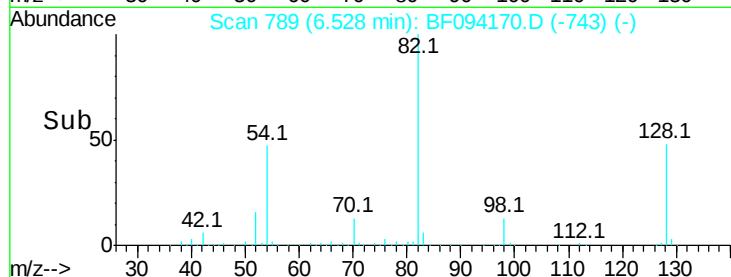
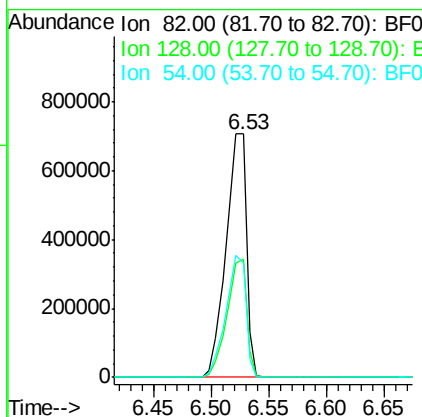
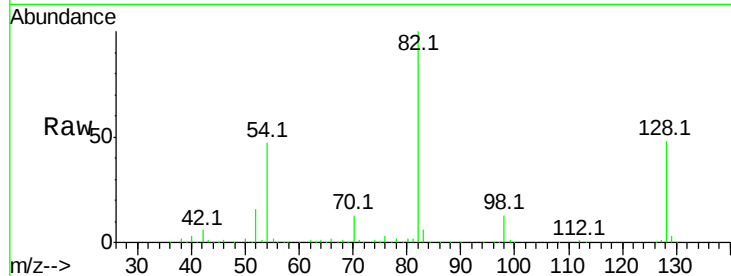




#23
 Nitrobenzene-d5
 Concen: 73.70 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF094170.D
 Acq: 4 Apr 2017 16:39

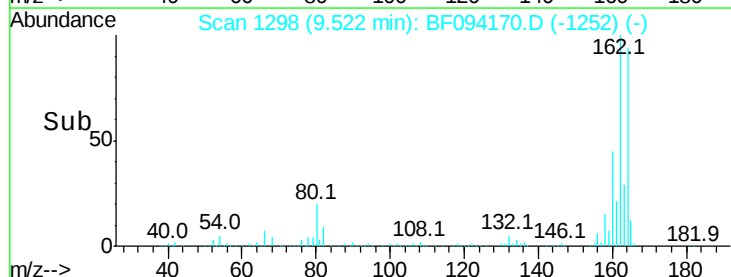
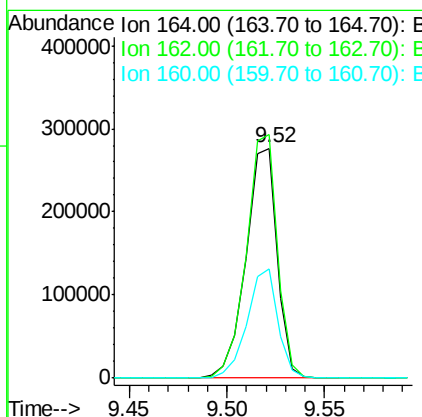
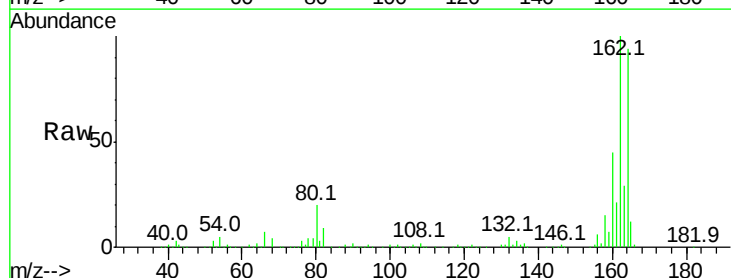
Instrument :
 BNA_F
 ClientSampleID :
 PB98028BL

Tot Ion: 82 Resp: 869473
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.0 51.0
 54 47.2 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BF094170.D
 Acq: 4 Apr 2017 16:39

Tgt Ion: 164 Resp: 305921
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.6 123.8
 160 47.4 36.2 54.2

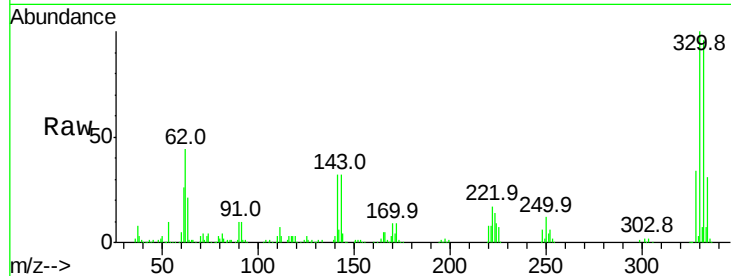




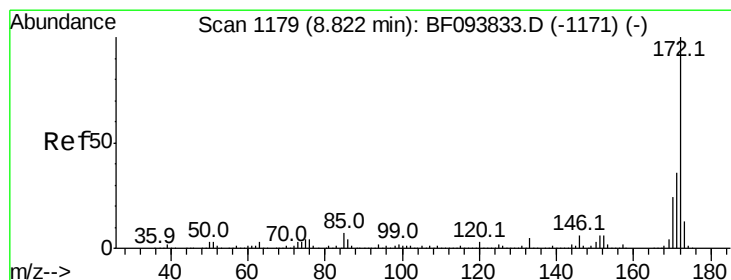
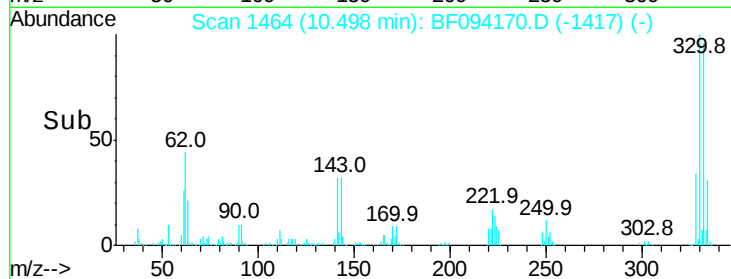
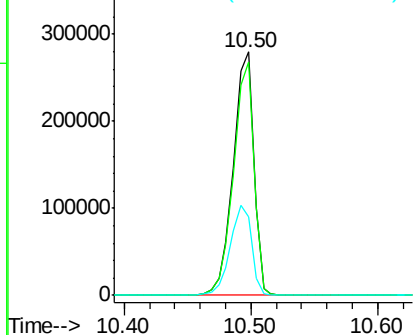
#41
 2,4,6-Tribromophenol
 Concen: 129.39 ng
 RT: 10.50 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF094170.D
 Acq: 4 Apr 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	38.4	31.4	47.2

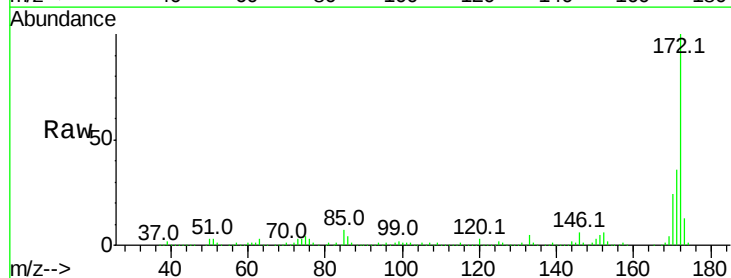


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

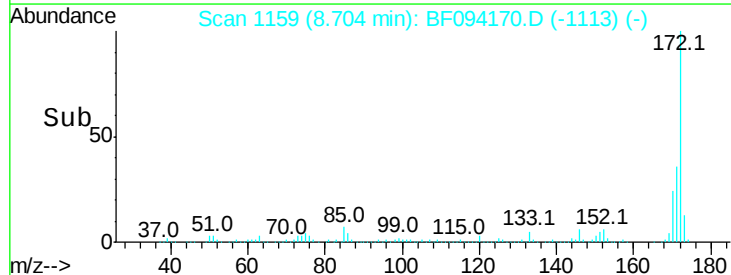
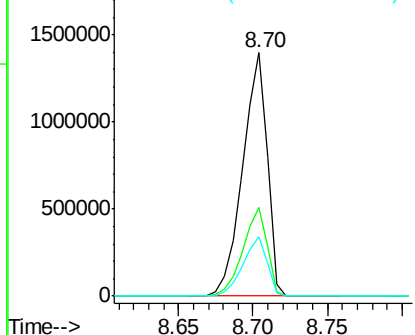


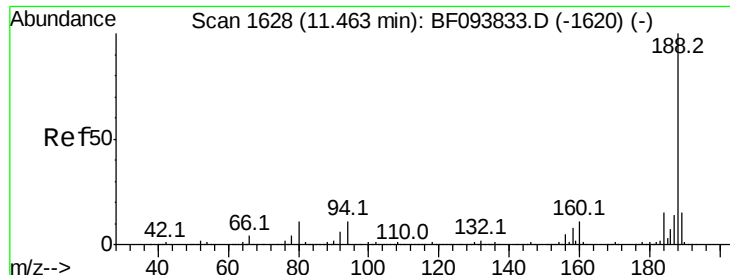
#44
 2-Fluorobiphenyl
 Concen: 79.27 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BF094170.D
 Acq: 4 Apr 2017 16:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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: BF094170.D

Acq: 4 Apr 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB98028BL

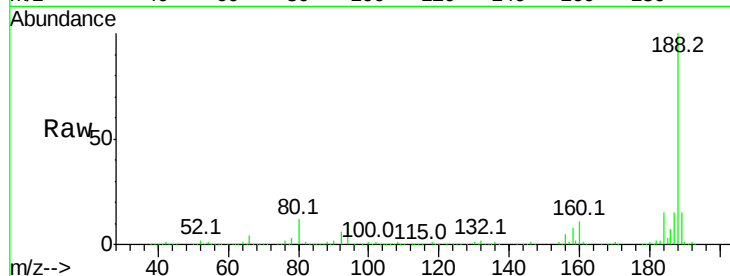
Tot Ion:188 Resp: 553938

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

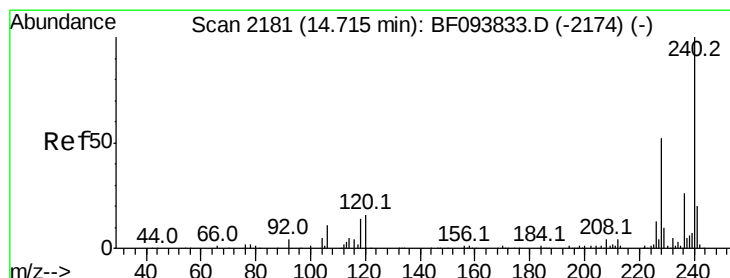
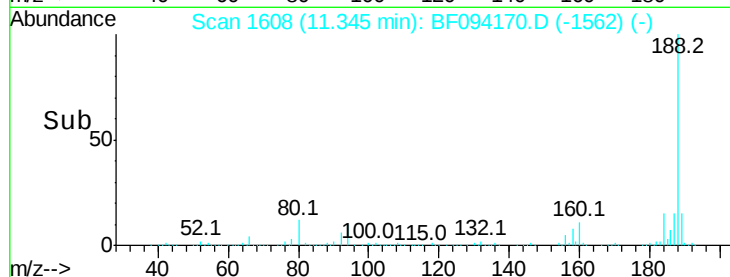
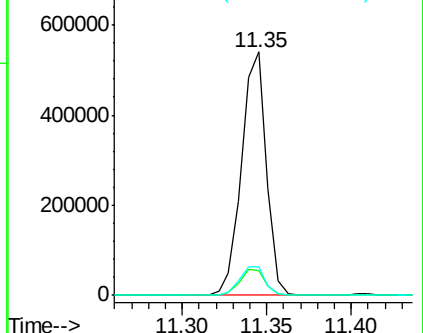
80 11.5 10.2 15.2



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: 14.60 min Scan# 2161

Delta R.T. -0.03 min

Lab File: BF094170.D

Acq: 4 Apr 2017 16:39

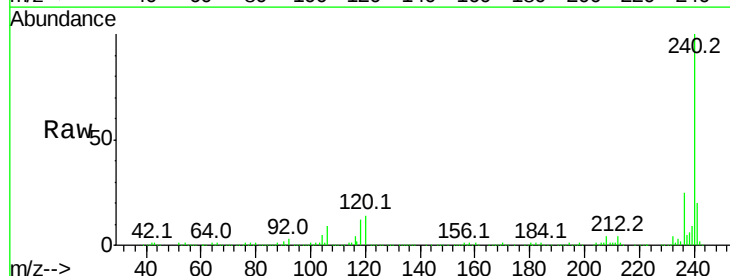
Tgt Ion:240 Resp: 459728

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

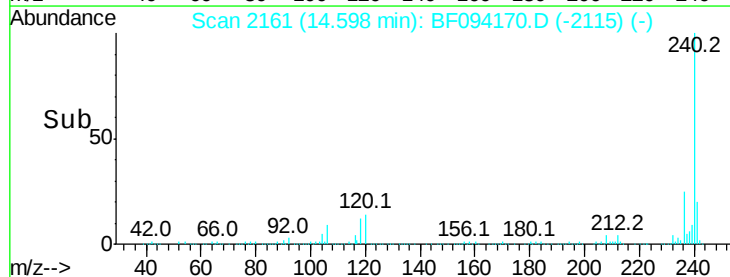
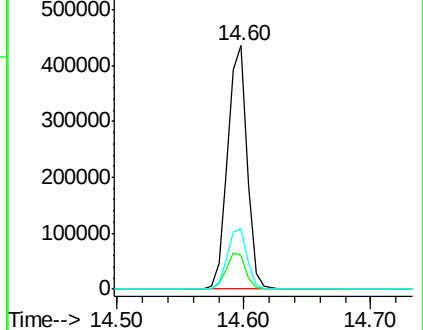
236 25.1 20.5 30.7

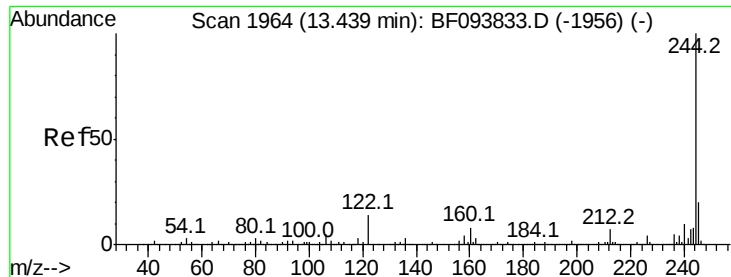


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

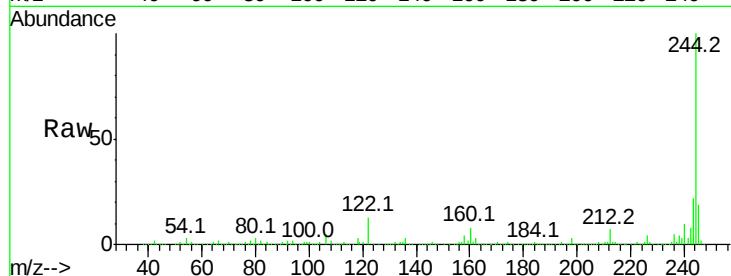




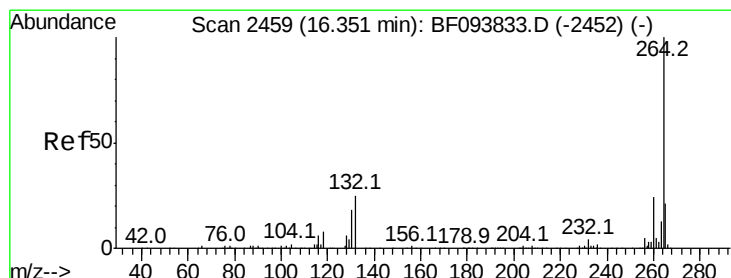
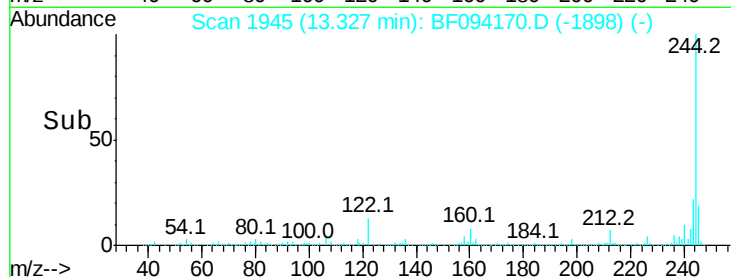
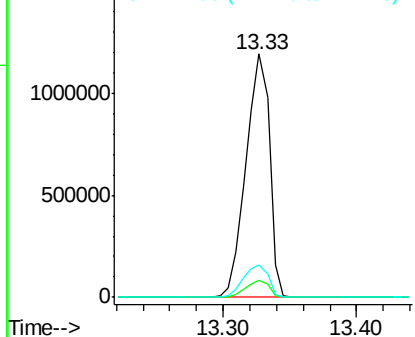
#78
 Terphenyl-d14
 Concen: 70.30 ng
 RT: 13.33 min Scan# 1945
 Delta R.T. -0.02 min
 Lab File: BF094170.D
 Acq: 4 Apr 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BL

Tot Ion:244 Resp: 1441924
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.5 10.3 15.5

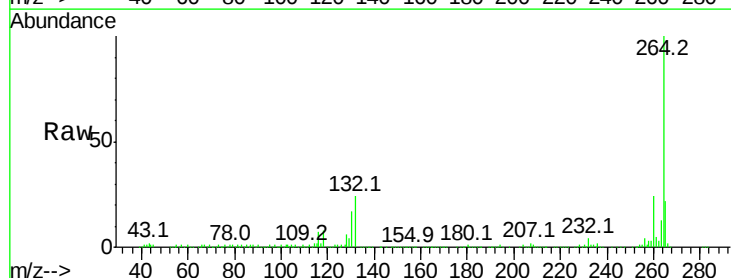


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BF094170.D
 Acq: 4 Apr 2017 16:39

Tgt Ion:264 Resp: 315758
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.6 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

