

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094224.D
 Acq On : 6 Apr 2017 13:21
 Operator : SJ/MA
 Sample : PB98085BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BL

Quant Time: Apr 06 13:56:19 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	5.85	152	150515	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	618240	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	290140	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	532720	20.00	ng	0.00
75) Chrysene-d12	14.56	240	418540	20.00	ng	-0.01
86) Perylene-d12	16.19	264	270656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1189500	133.48	ng	0.00
7) Phenol-d6	5.46	99	1490762	135.23	ng	0.00
23) Nitrobenzene-d5	6.50	82	932916	86.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	345754	150.80	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1683803	88.52	ng	0.00
78) Terphenyl-d14	13.30	244	1525905	81.72	ng	0.00

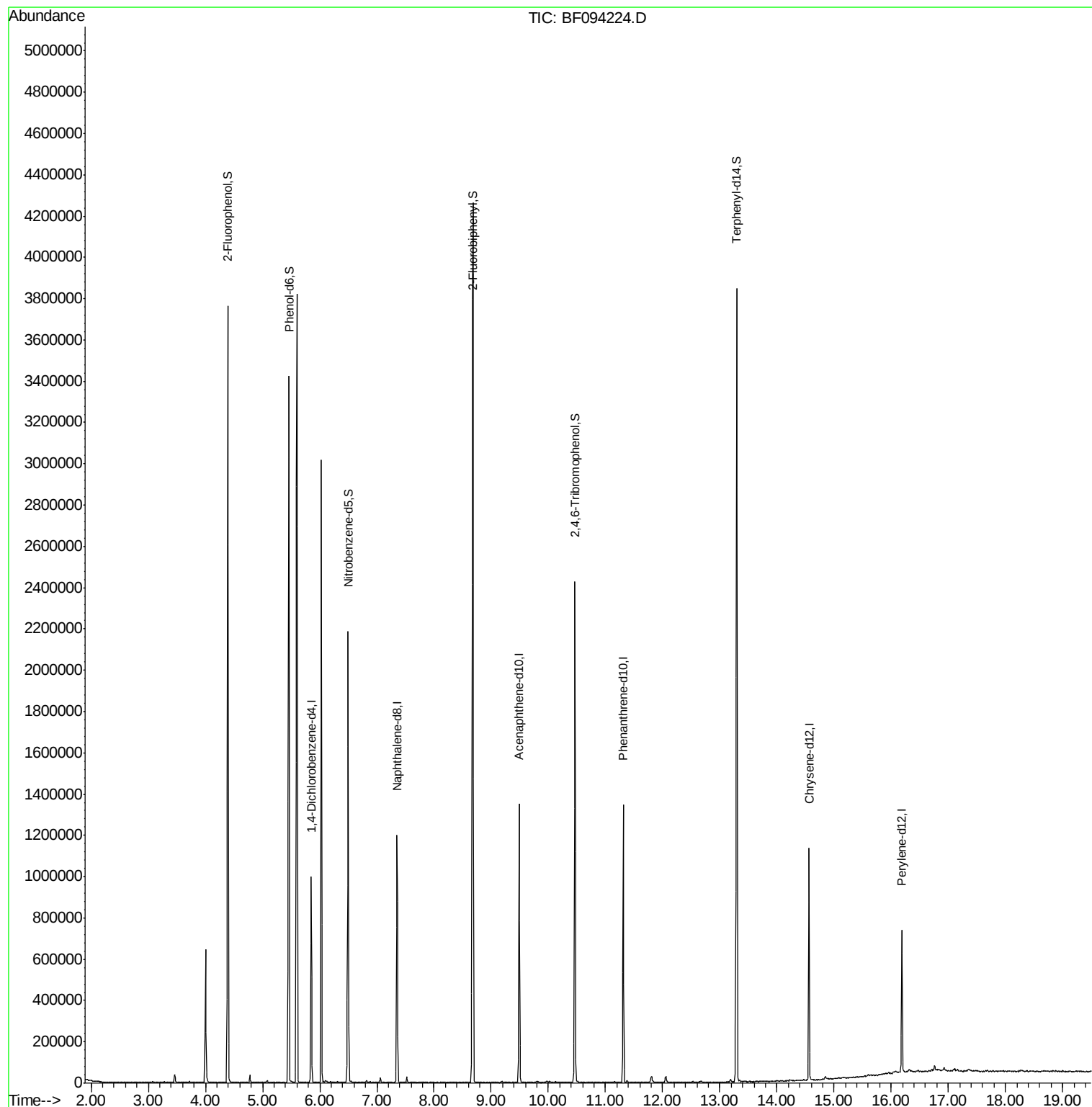
Target Compounds Qvalue

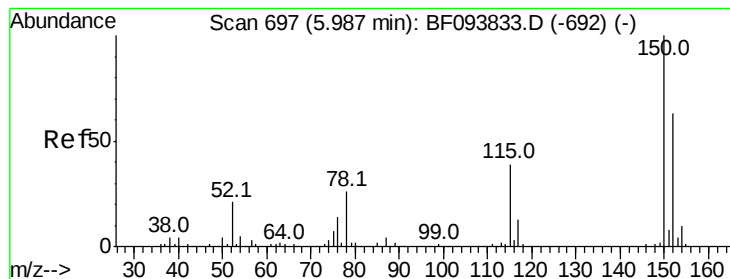
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

PB98085BL

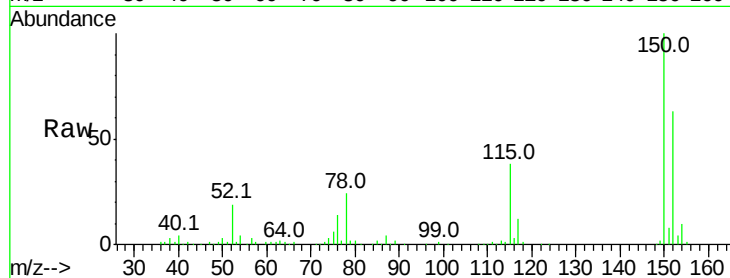
Tot Ion:152 Resp: 150515

Ion Ratio Lower Upper

152 100

150 158.7 126.2 189.2

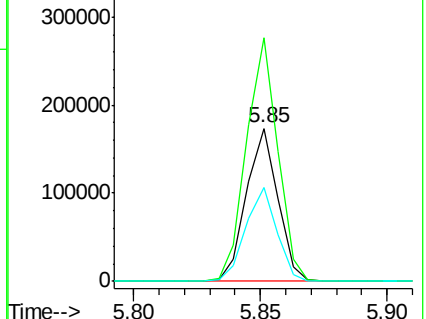
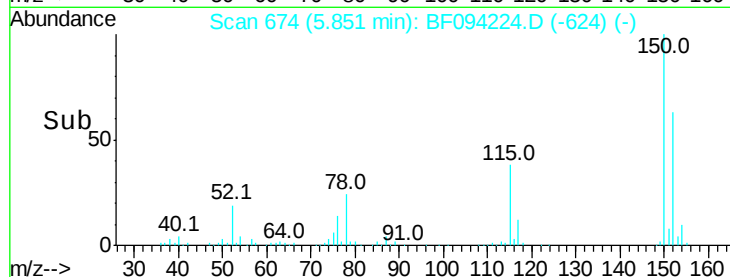
115 61.1 52.2 78.2



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: 133.48 ng

RT: 4.39 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

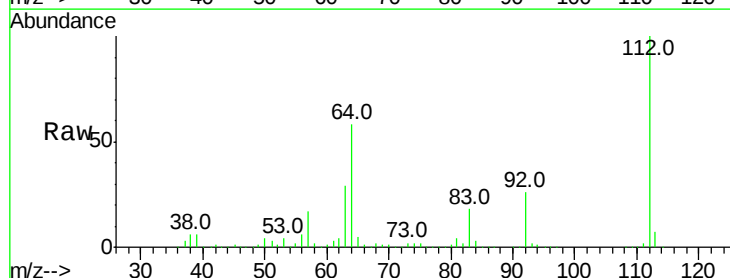
Tgt Ion:112 Resp: 1189500

Ion Ratio Lower Upper

112 100

64 58.4 46.0 69.0

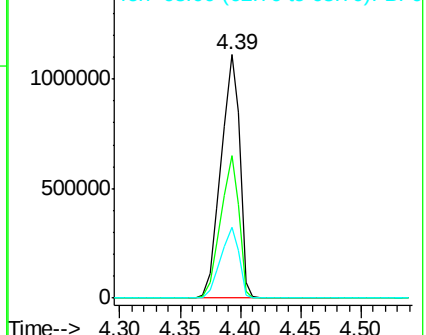
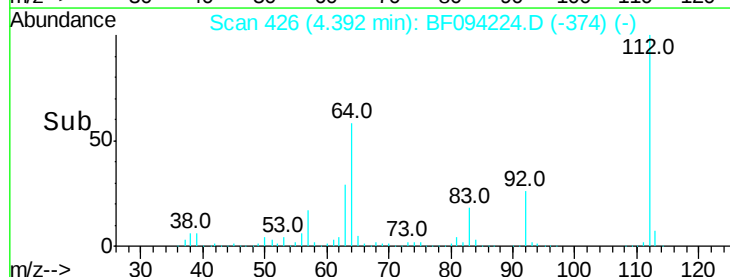
63 28.9 23.4 35.0

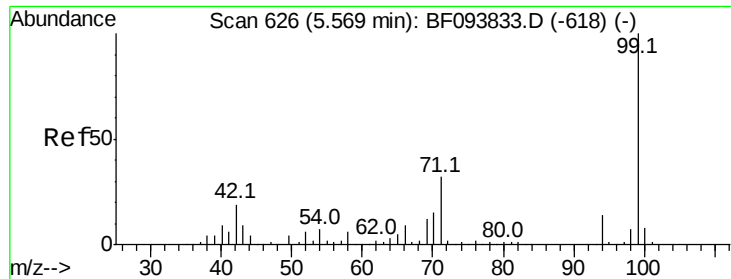


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.23 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

PB98085BL

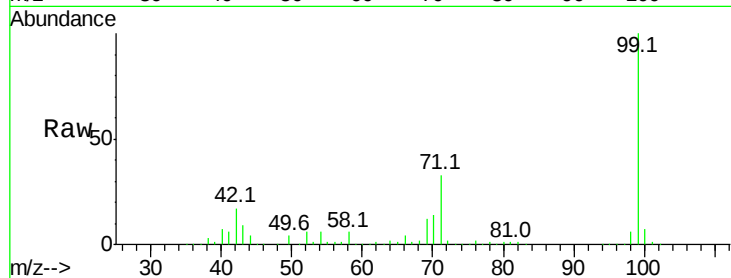
Tot Ion: 99 Resp: 1490762

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

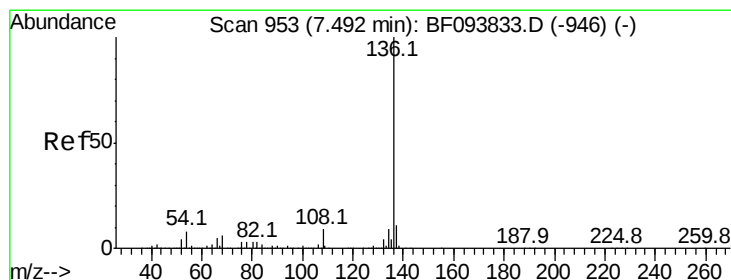
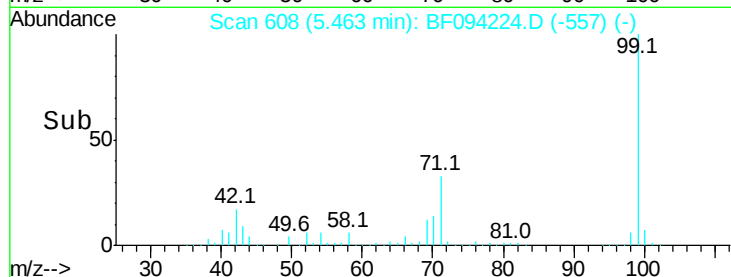
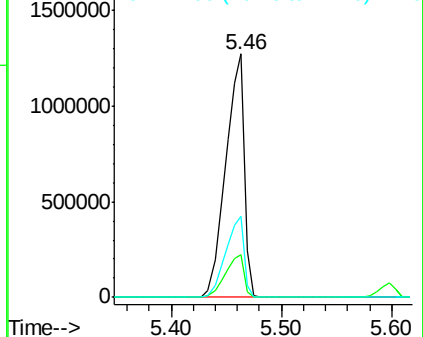
71 33.1 24.5 36.7



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: 7.35 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

Tgt Ion: 136 Resp: 618240

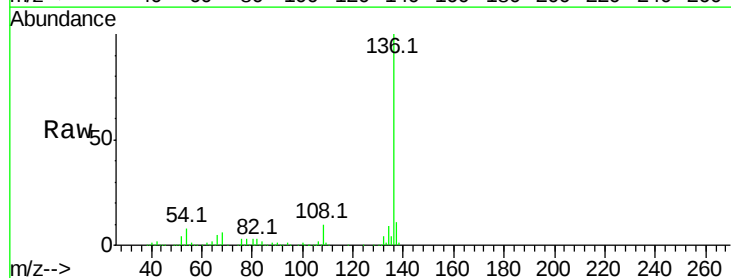
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.1 4.9 7.3#

68 6.0 4.1 6.1

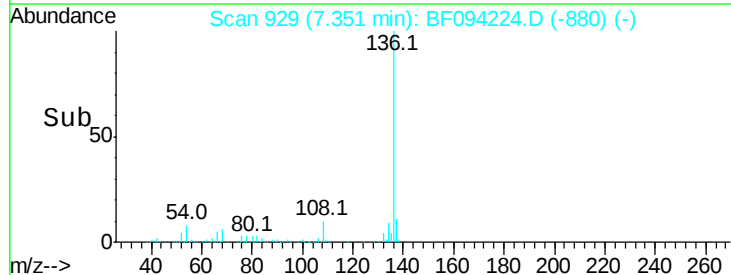
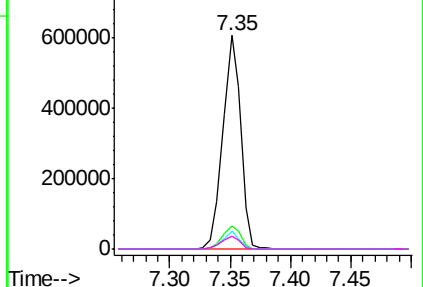


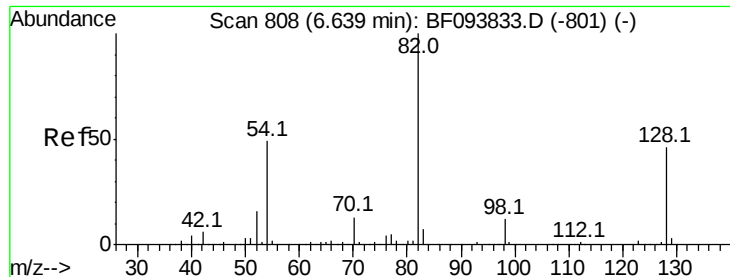
Abundance Ion 136.00 (135.70 to 136.70): E

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

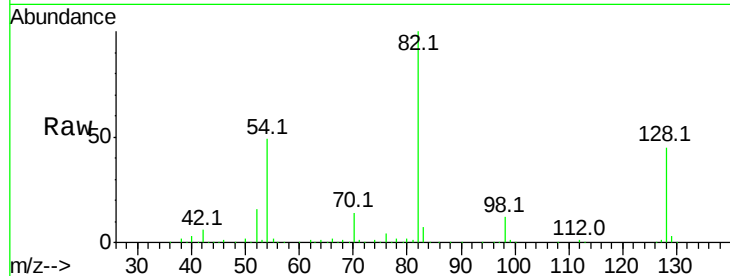




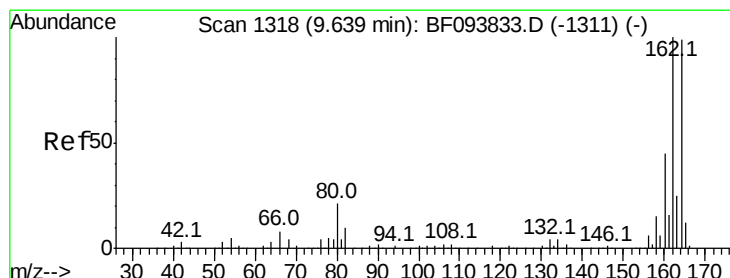
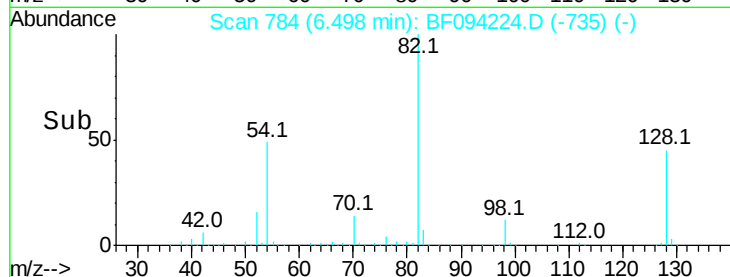
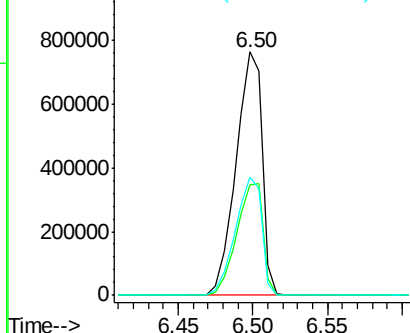
#23
Nitrobenzene-d5
Concen: 86.12 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF094224.D
Acq: 6 Apr 2017 13:21

Instrument :
BNA_F
ClientSampleId :
PB98085BL

Tot Ion: 82 Resp: 932916
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 48.7 42.2 63.2

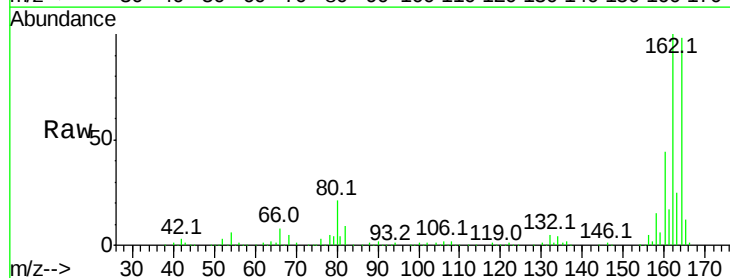


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

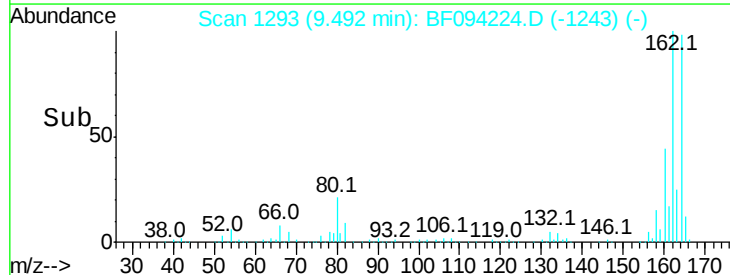
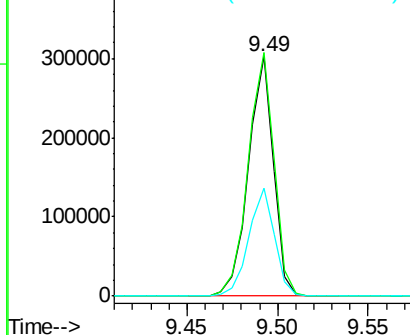


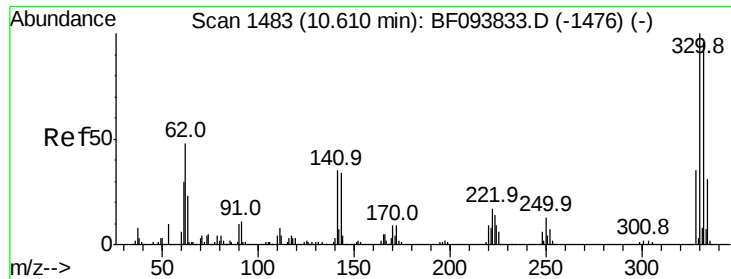
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF094224.D
Acq: 6 Apr 2017 13:21

Tgt Ion: 164 Resp: 290140
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 45.0 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

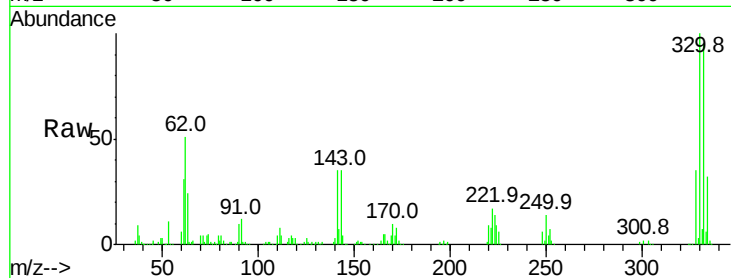




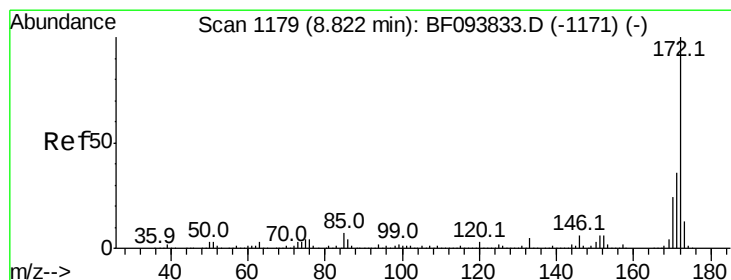
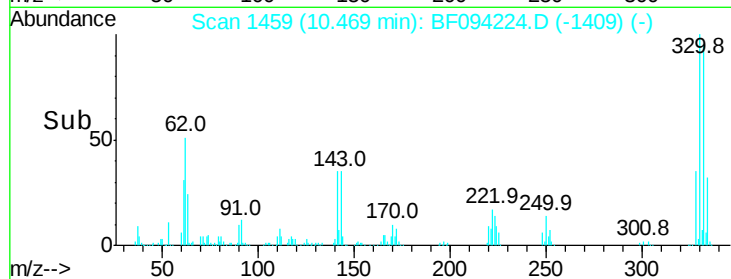
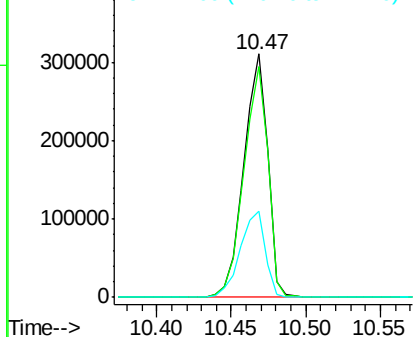
#41
 2,4,6-Tribromophenol
 Concen: 150.80 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094224.D
 Acq: 6 Apr 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BL

Tot Ion:330 Resp: 345754
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 37.3 31.4 47.2

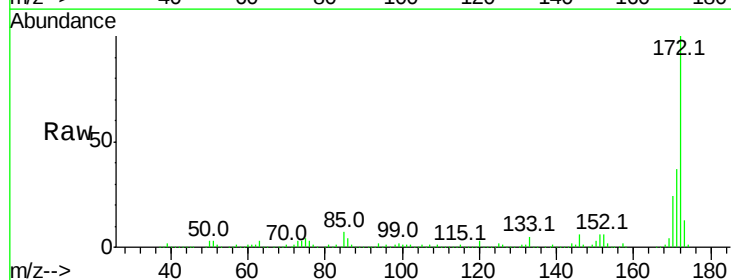


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

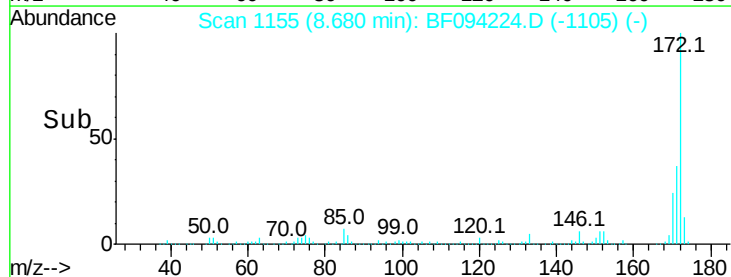
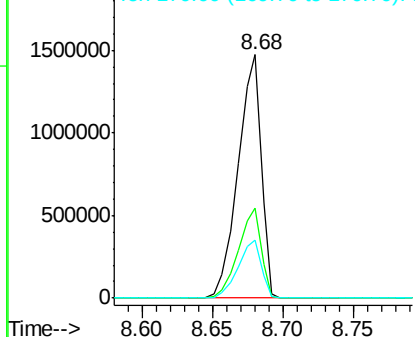


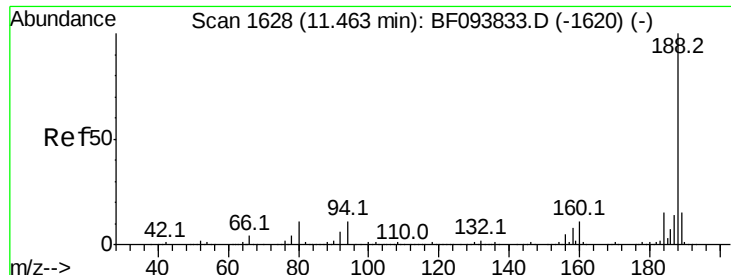
#44
 2-Fluorobiphenyl
 Concen: 88.52 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094224.D
 Acq: 6 Apr 2017 13:21

Tgt Ion:172 Resp: 1683803
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 23.9 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# 1603

Delta R.T. -0.01 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

PB98085BL

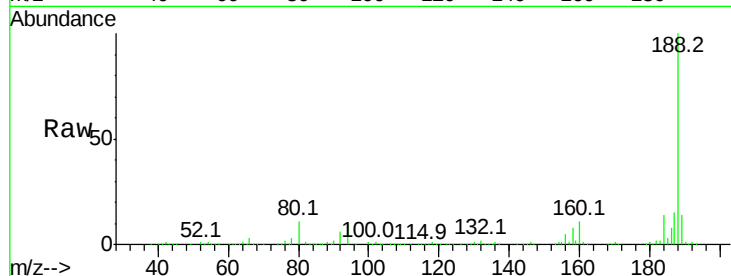
Tot Ion:188 Resp: 532720

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

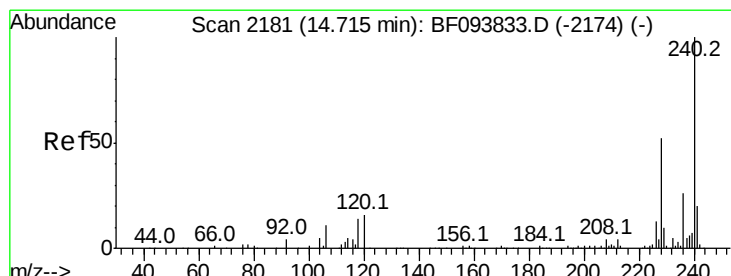
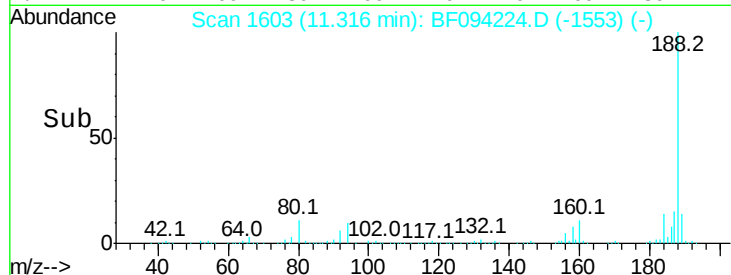
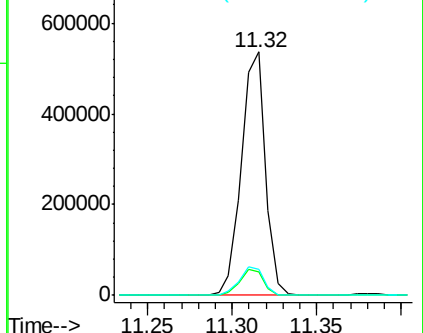
80 10.9 10.2 15.2



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: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094224.D

Acq: 6 Apr 2017 13:21

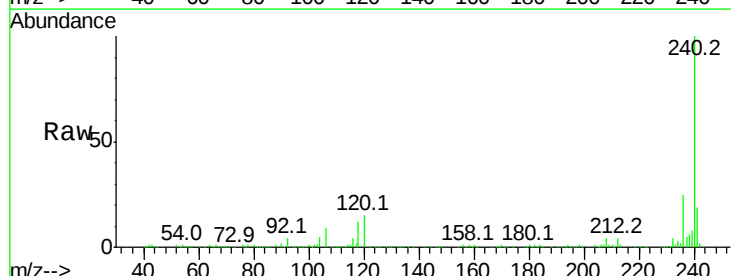
Tgt Ion:240 Resp: 418540

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

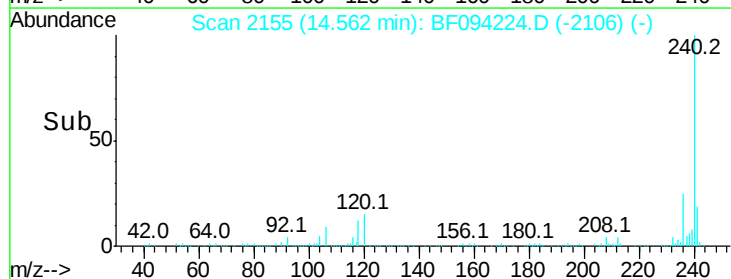
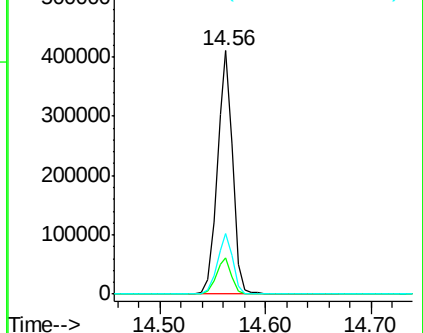
236 24.9 20.5 30.7

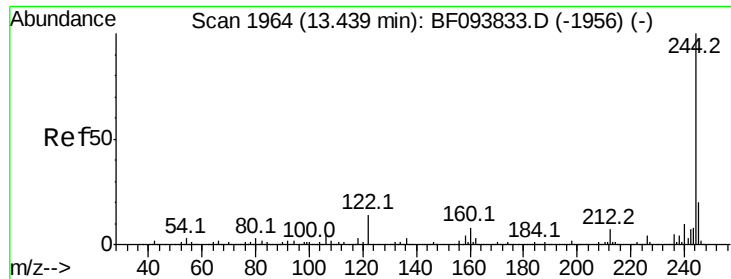


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

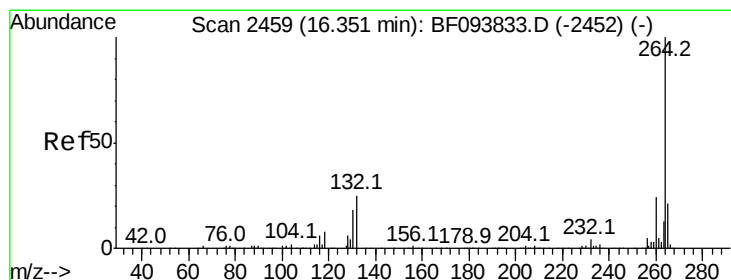
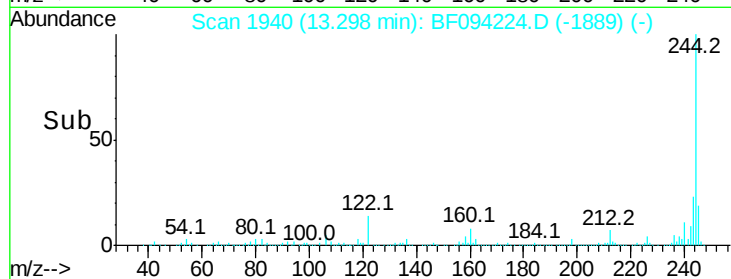
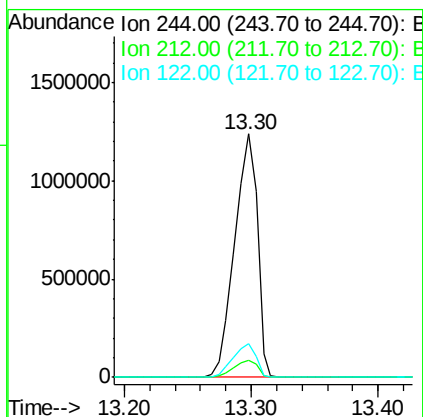
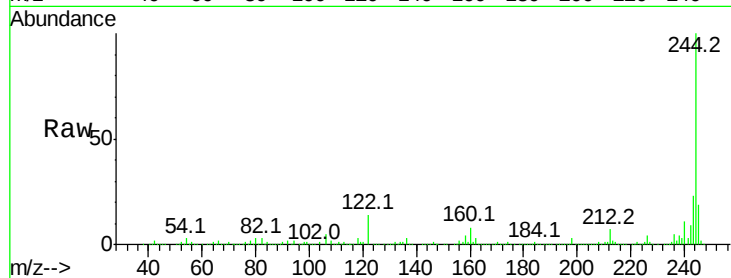




#78
 Terphenyl-d14
 Concen: 81.72 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094224.D
 Acq: 6 Apr 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BL

Tot Ion:244 Resp: 1525905
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BF094224.D
 Acq: 6 Apr 2017 13:21

Tgt Ion:264 Resp: 270656
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.8 17.2 25.8

