

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094908.D
 Acq On : 5 May 2017 10:08
 Operator : SJ/MA
 Sample : I2932-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: May 05 11:58:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	87850	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	367100	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	170994	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	297601	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	205416	20.00	ng	-0.02
86) Perylene-d12	20.30	264	163519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	616685	117.03	ng	0.00
7) Phenol-d6	7.27	99	706040	111.67	ng	-0.01
23) Nitrobenzene-d5	8.62	82	486379	83.55	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	171776	122.66	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1000579	84.22	ng	-0.02
78) Terphenyl-d14	17.30	244	783489	84.01	ng	-0.01

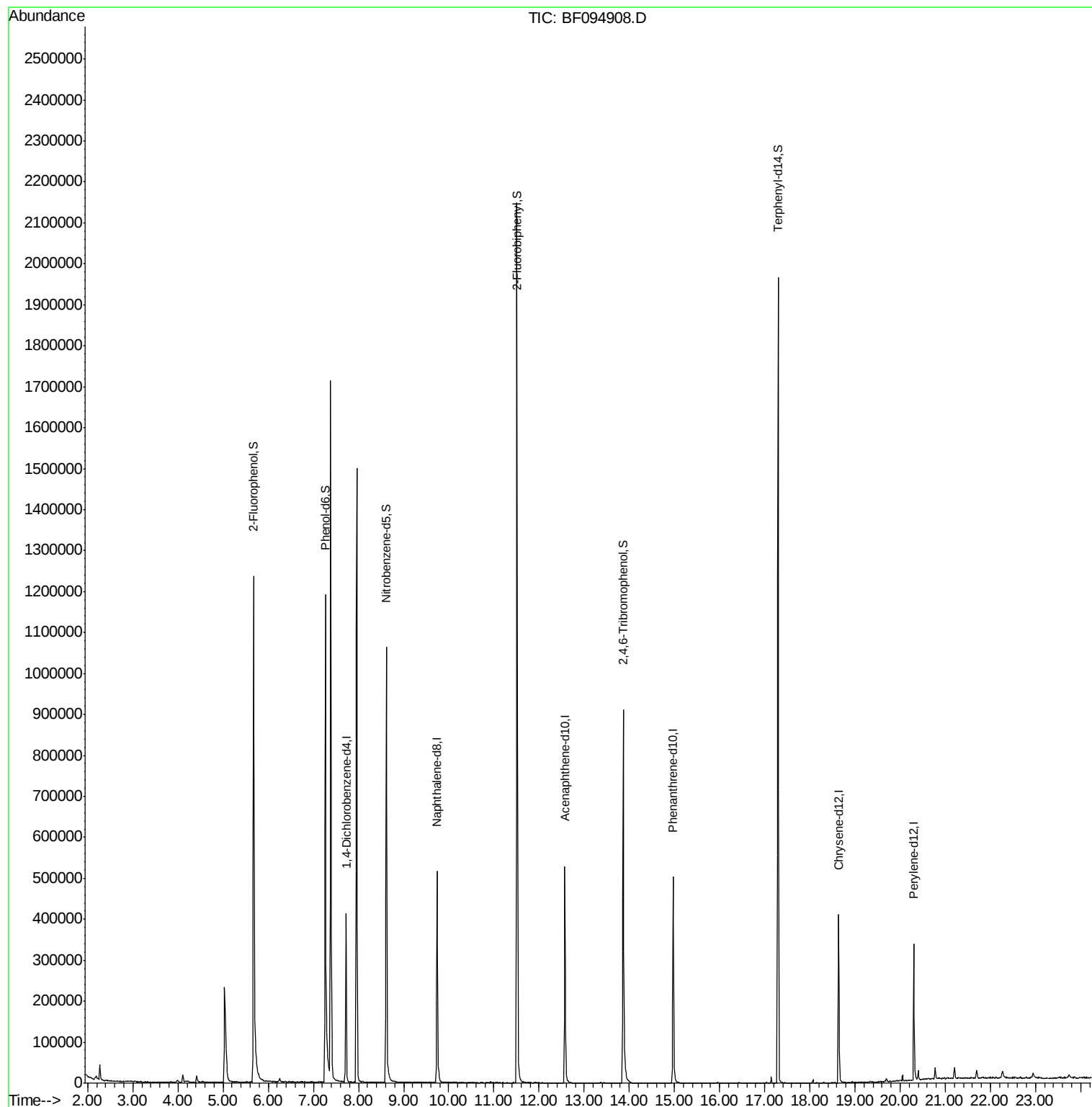
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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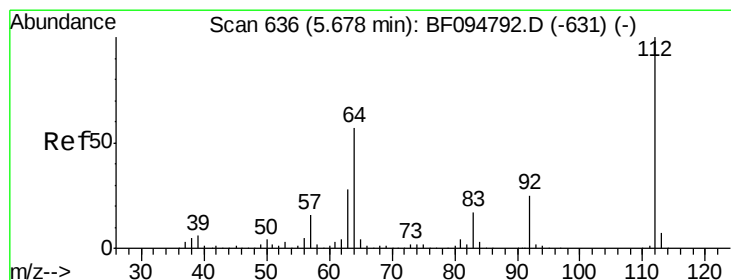
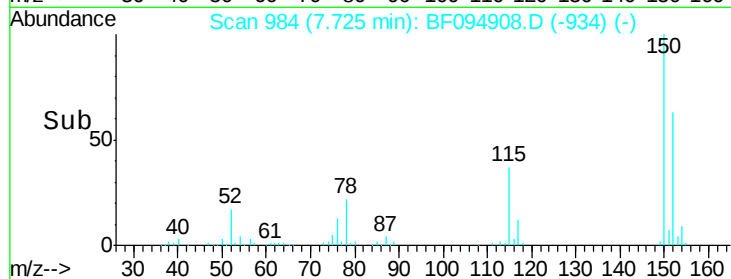
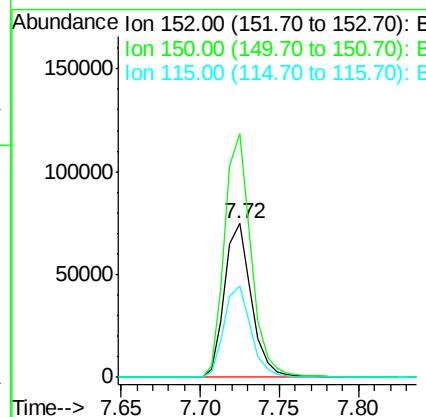
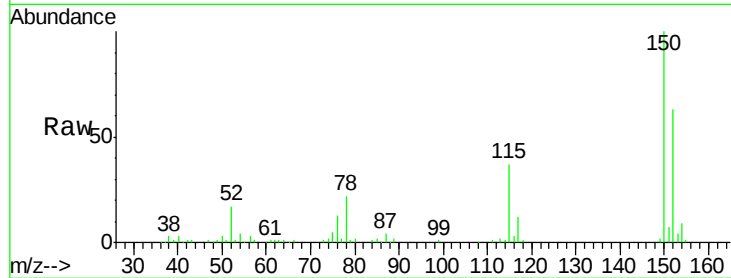


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094908.D
 Acq: 5 May 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

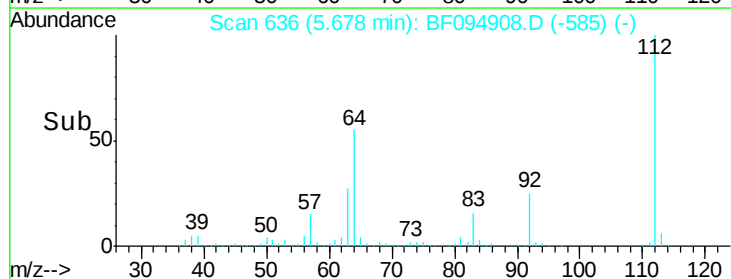
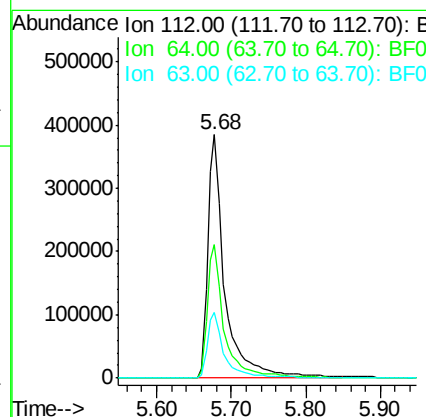
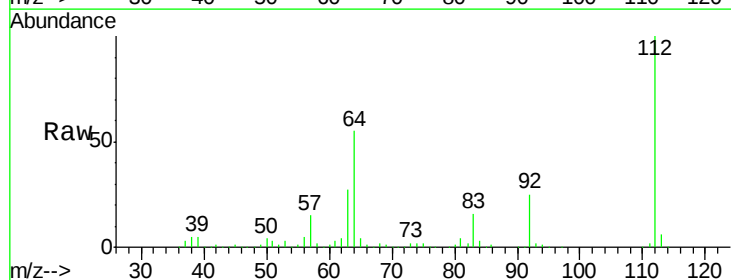
Tgt Ion:152 Resp: 87850
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.2 189.2
 115 59.4 52.2 78.2

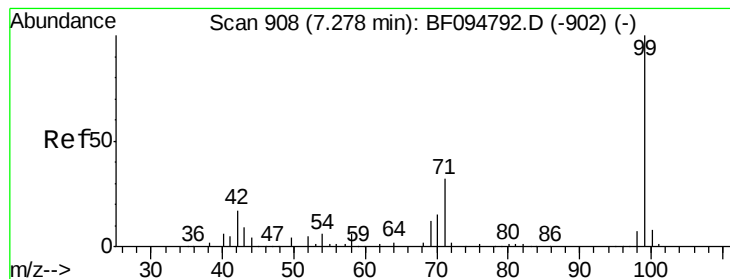


#5

2-Fluorophenol
 Concen: 117.03 ng
 RT: 5.68 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF094908.D
 Acq: 5 May 2017 10:08

Tgt Ion:112 Resp: 616685
 Ion Ratio Lower Upper
 112 100
 64 54.8 46.0 69.0
 63 27.0 23.4 35.0





#7

Phenol-d6

Concen: 111.67 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094908.D

Acq: 5 May 2017 10:08

Instrument :

BNA_F

ClientSampleId :

TP-6

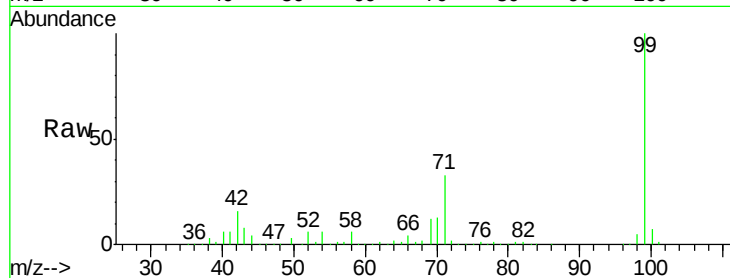
Tgt Ion: 99 Resp: 706040

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

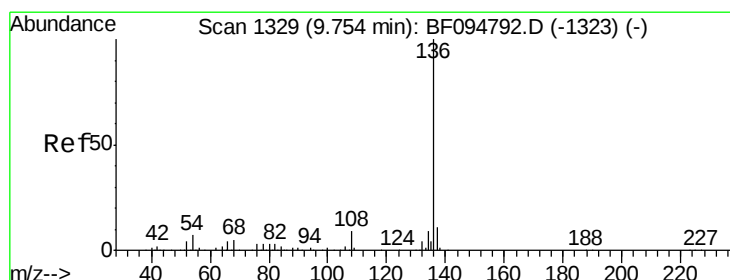
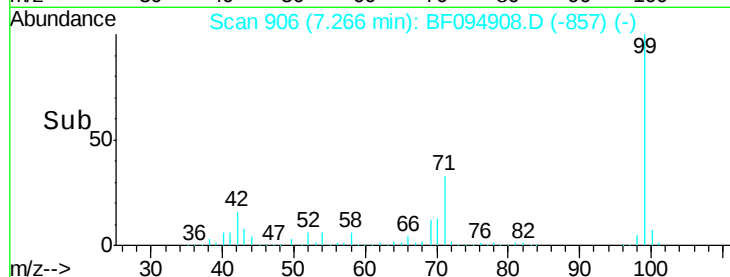
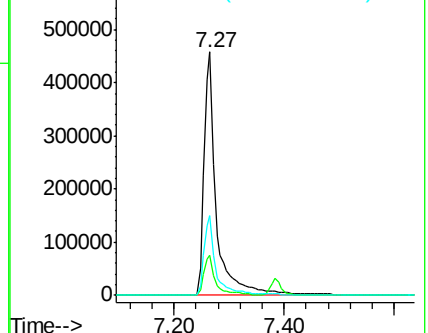
71 32.8 24.5 36.7



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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094908.D

Acq: 5 May 2017 10:08

Tgt Ion: 136 Resp: 367100

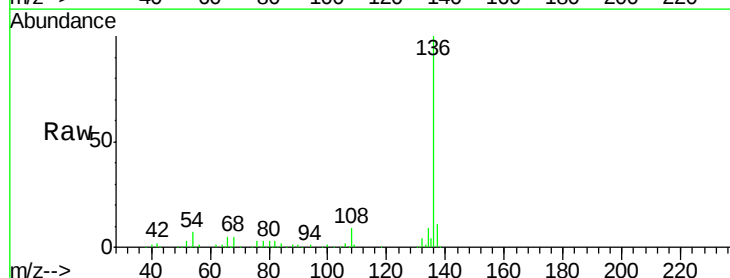
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

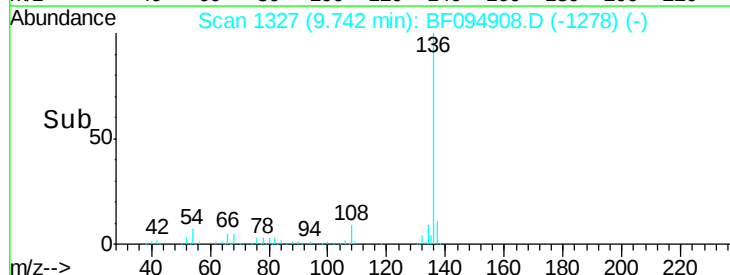
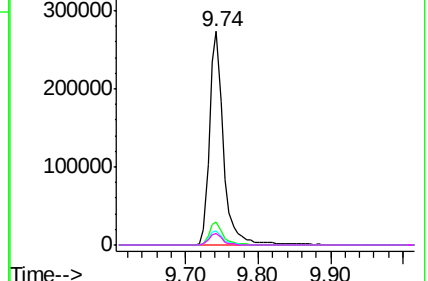


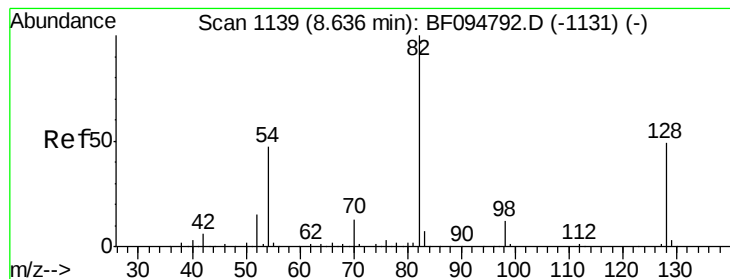
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.55 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094908.D

Acq: 5 May 2017 10:08

Instrument :

BNA_F

ClientSampled :

TP-6

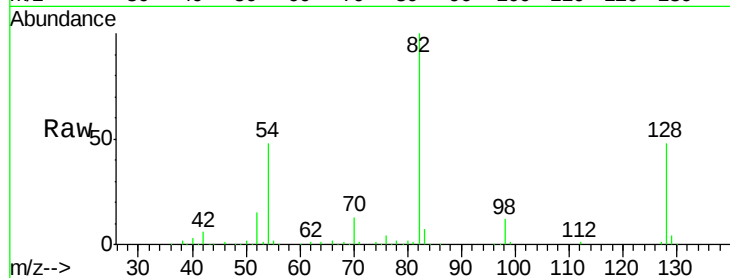
Tgt Ion: 82 Resp: 486379

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

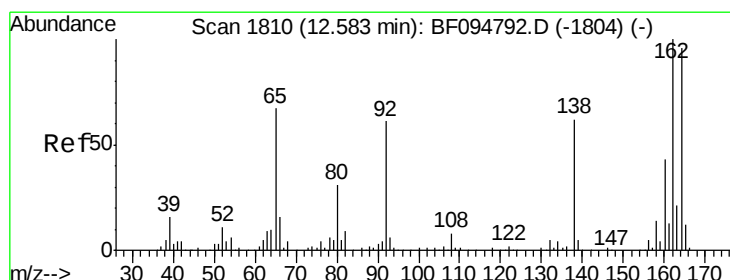
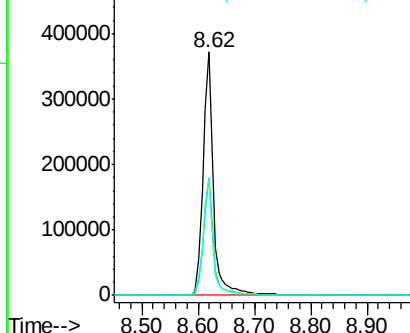
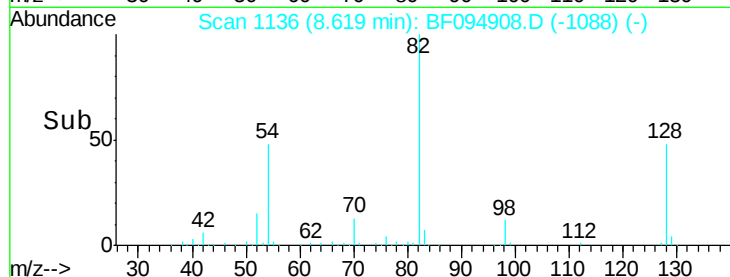
54 48.5 42.2 63.2



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: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094908.D

Acq: 5 May 2017 10:08

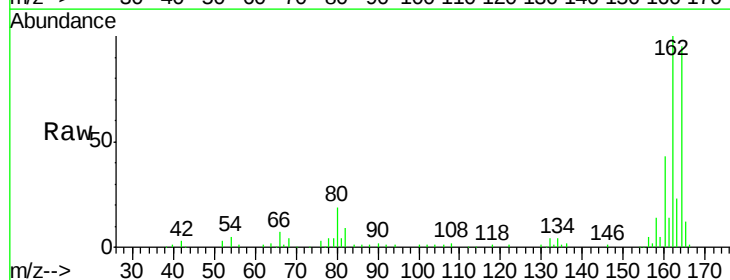
Tgt Ion: 164 Resp: 170994

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

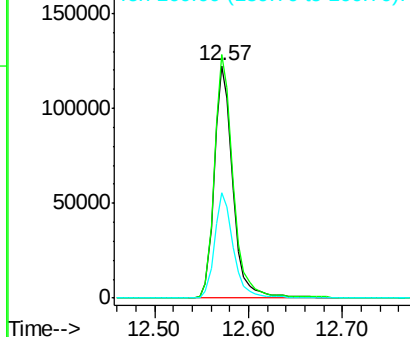
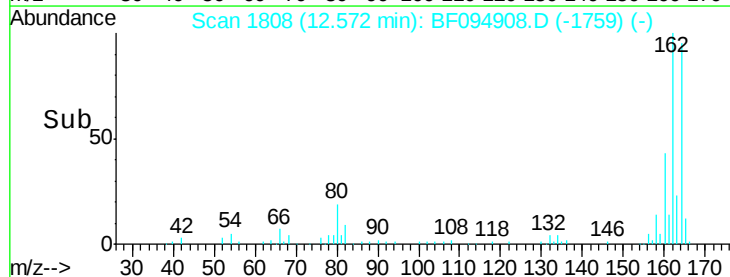
160 45.2 36.2 54.2



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

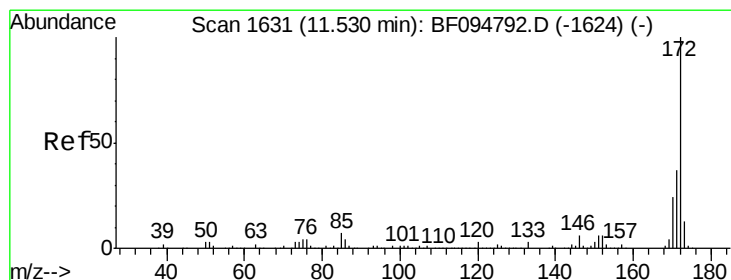
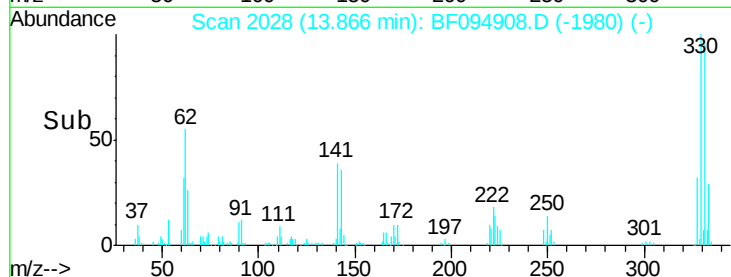
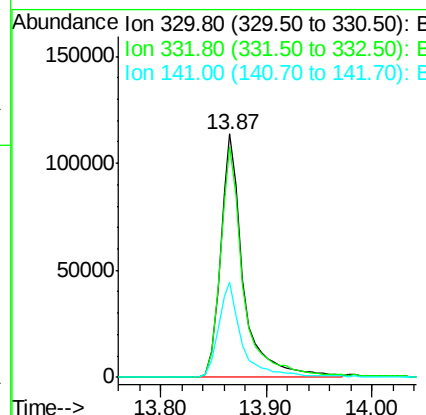
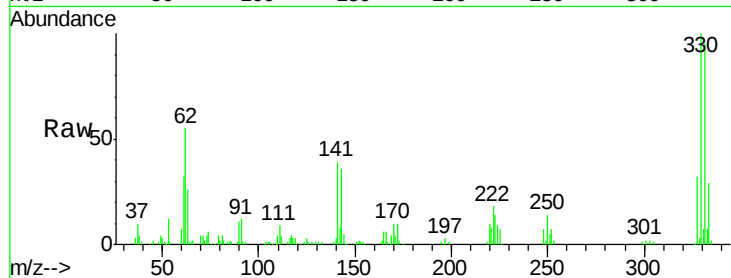




#41
 2,4,6-Tribromophenol
 Concen: 122.66 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094908.D
 Acq: 5 May 2017 10:08

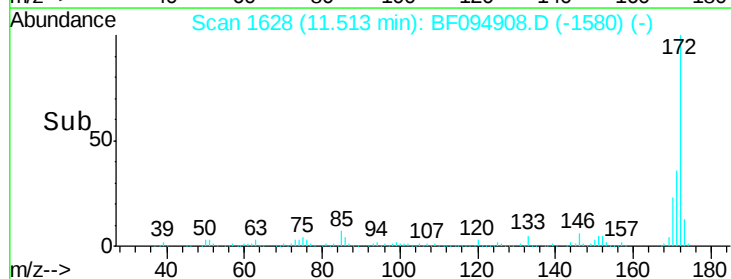
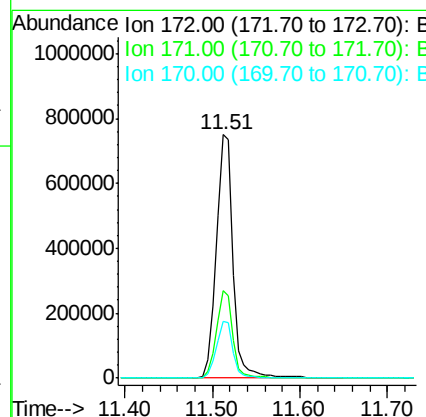
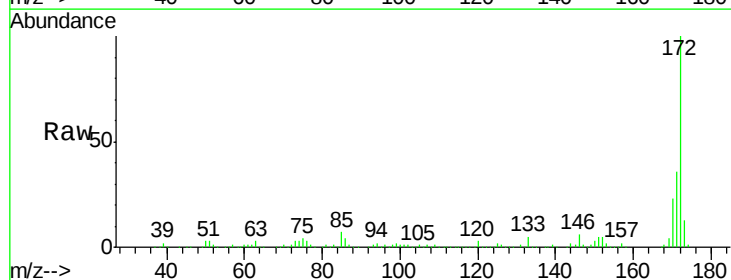
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

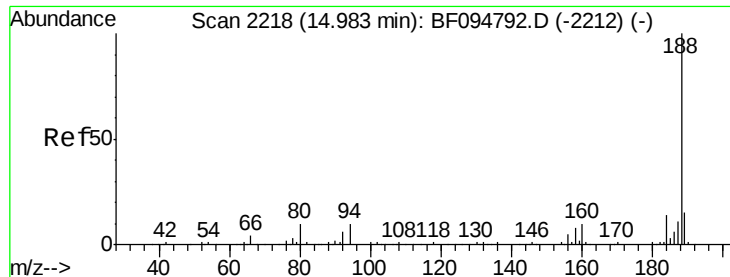
Tgt Ion: 330 Resp: 171776
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 40.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 84.22 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094908.D
 Acq: 5 May 2017 10:08

Tgt Ion: 172 Resp: 1000579
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.3 19.8 29.8

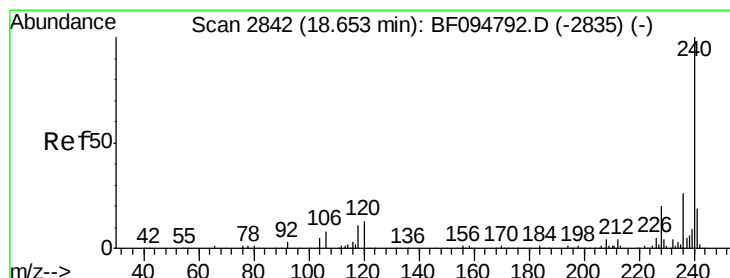
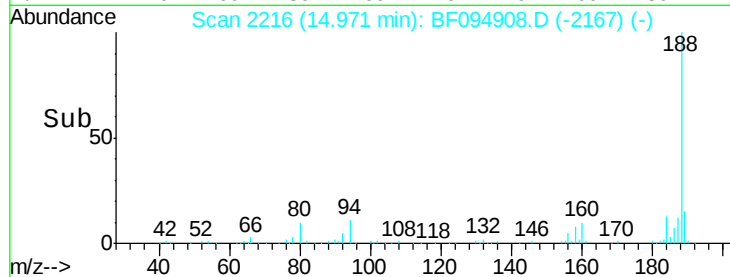
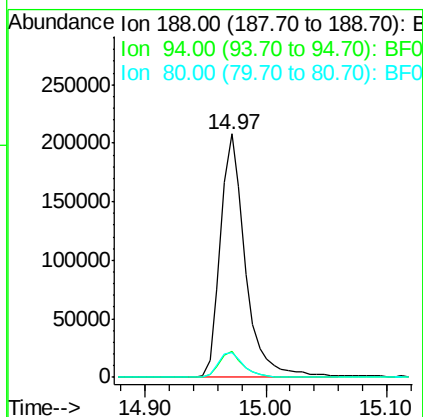
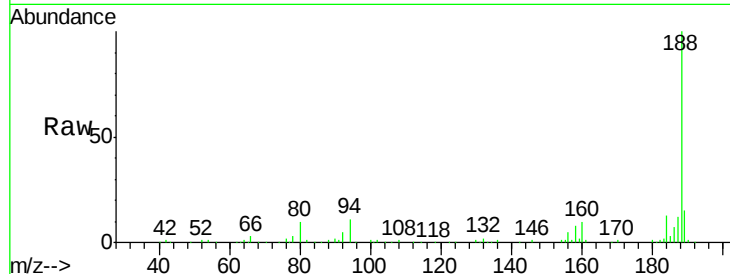




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094908.D
Acq: 5 May 2017 10:08

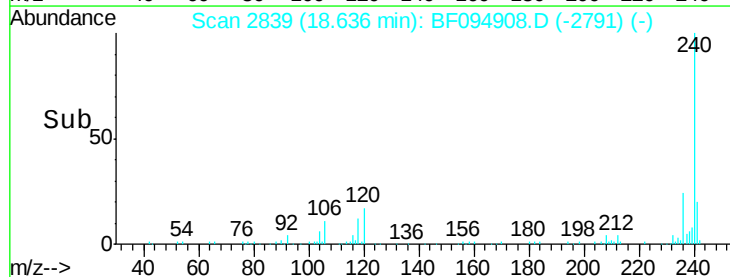
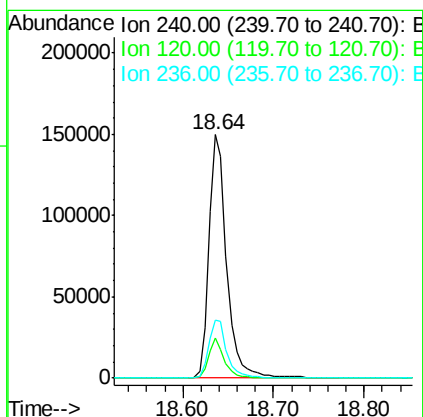
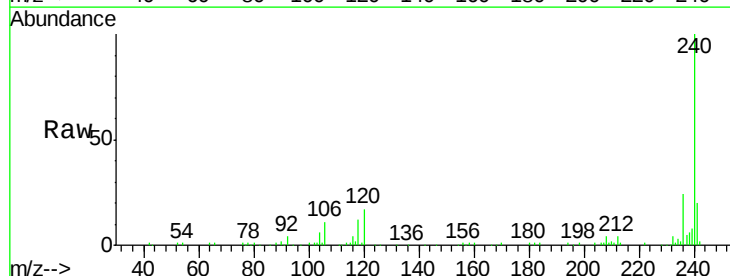
Instrument :
BNA_F
ClientSampled :
TP-6

Tgt Ion:188 Resp: 297601
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.0 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094908.D
Acq: 5 May 2017 10:08

Tgt Ion:240 Resp: 205416
Ion Ratio Lower Upper
240 100
120 16.6 5.8 8.8#
236 23.8 20.5 30.7

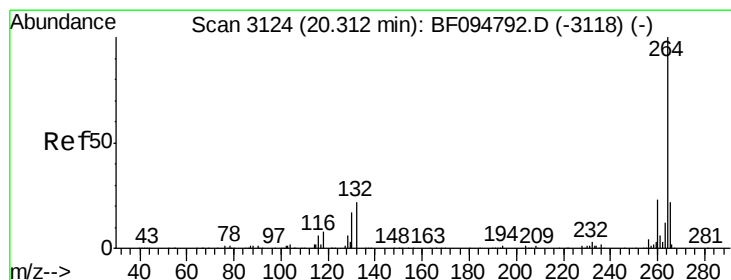
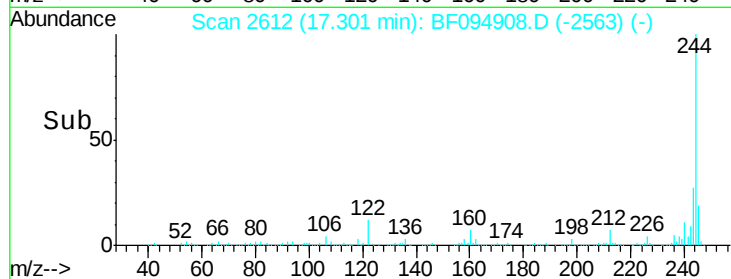
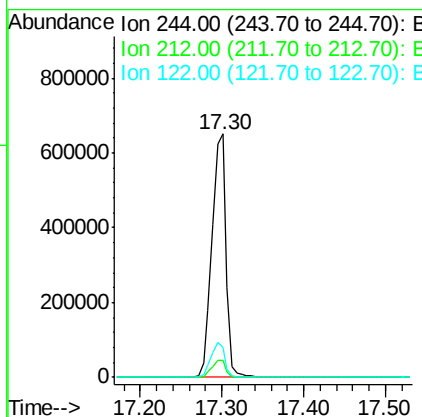
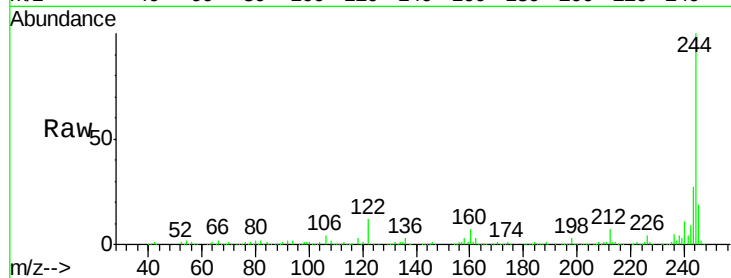




#78
 Terphenyl-d14
 Concen: 84.01 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094908.D
 Acq: 5 May 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 783489
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094908.D
 Acq: 5 May 2017 10:08

Tgt Ion:264 Resp: 163519
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 23.0 17.2 25.8

