

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094950.D
 Acq On : 6 May 2017 9:08
 Operator : SJ/MA
 Sample : PB98737BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BL

Quant Time: May 08 02:04:38 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	95705	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	382833	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	187814	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	320998	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	242380	20.00	ng	-0.01
86) Perylene-d12	20.31	264	177725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	745225	129.82	ng	0.00
7) Phenol-d6	7.27	99	911240	132.30	ng	-0.01
23) Nitrobenzene-d5	8.62	82	518414	85.39	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	199905	129.97	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1052872	80.69	ng	-0.01
78) Terphenyl-d14	17.30	244	864659	78.57	ng	-0.01

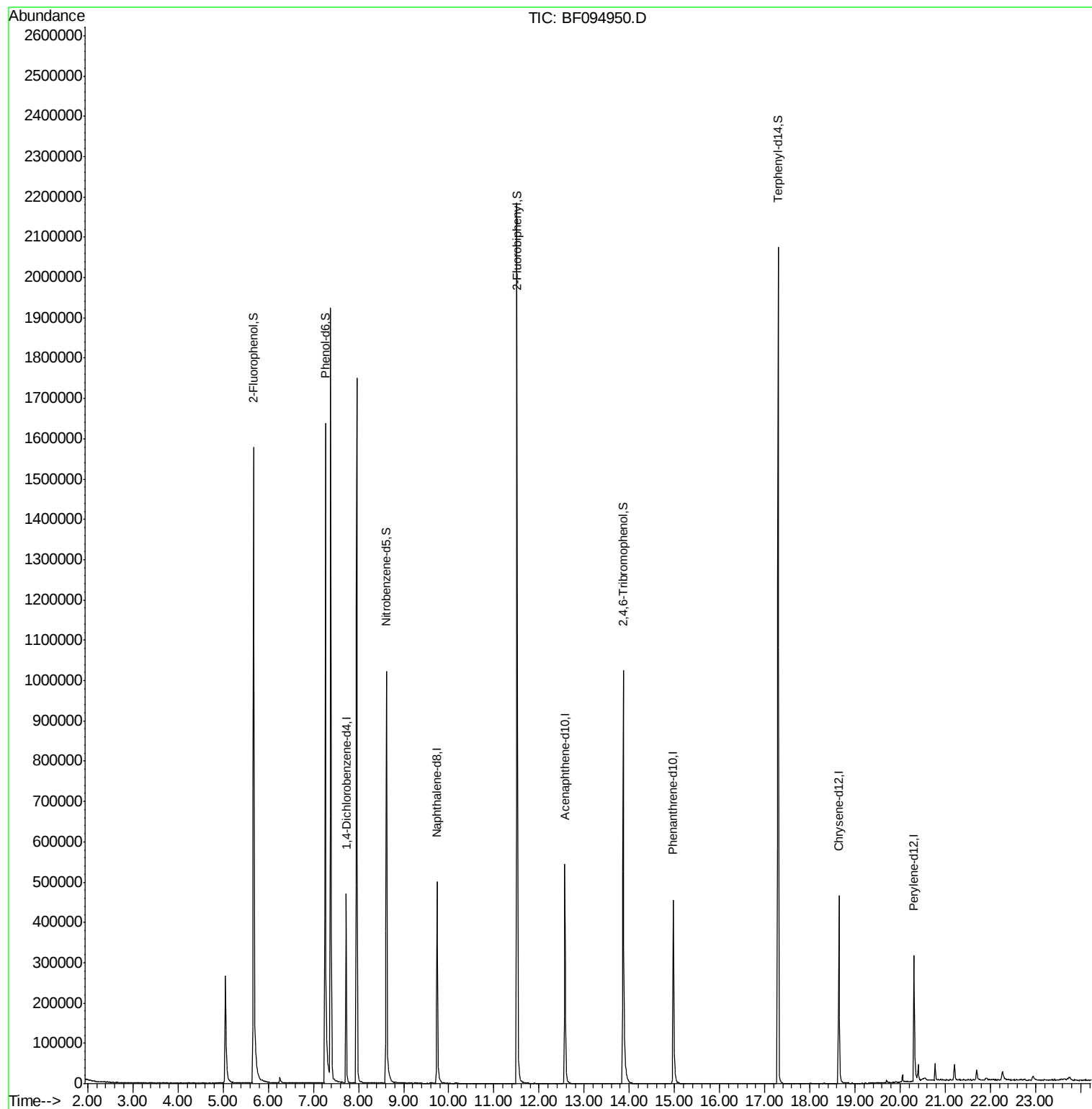
Target Compounds	Qvalue
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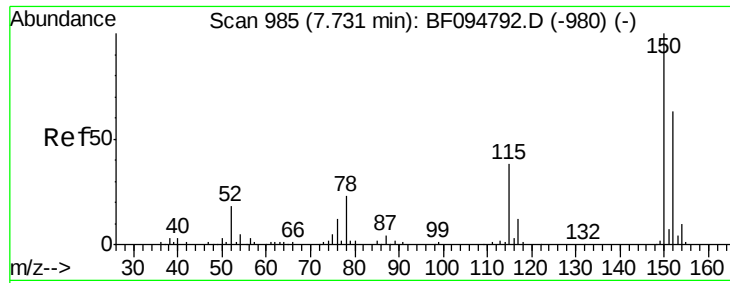
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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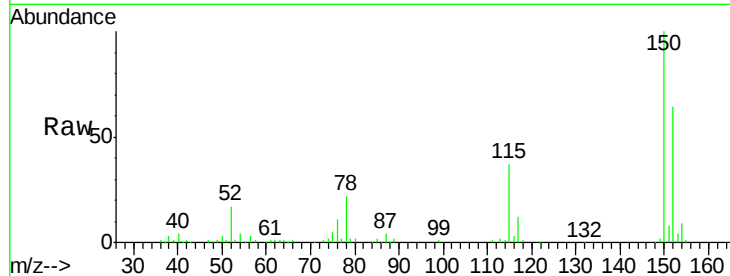


#1

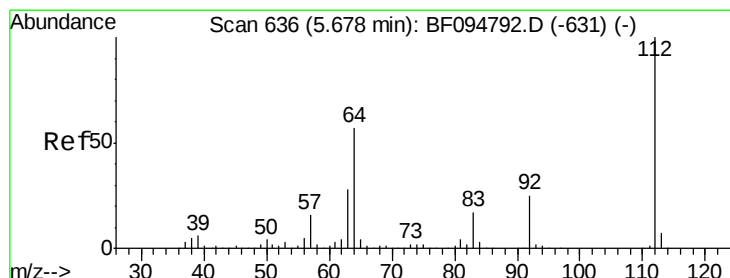
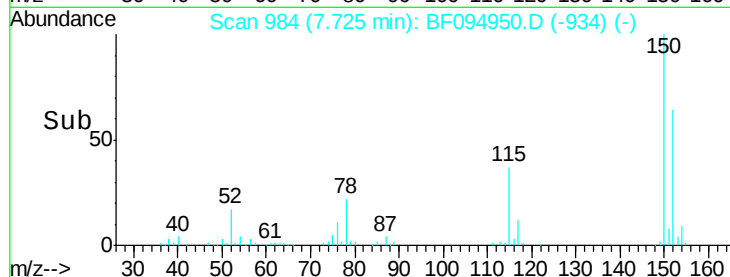
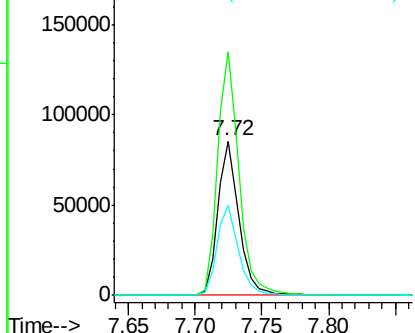
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094950.D
 Acq: 6 May 2017 9:08

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BL

Tgt Ion:152 Resp: 95705
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.2 189.2
 115 58.4 52.2 78.2



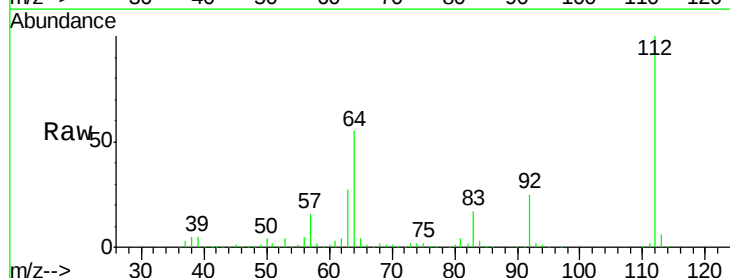
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



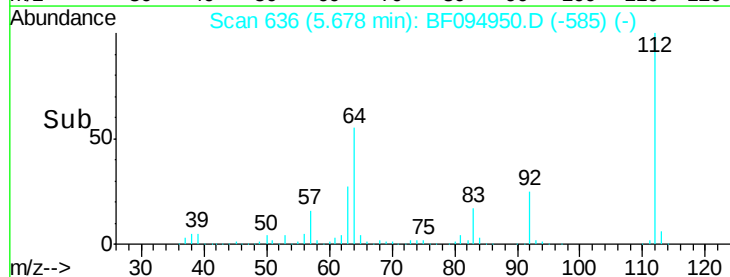
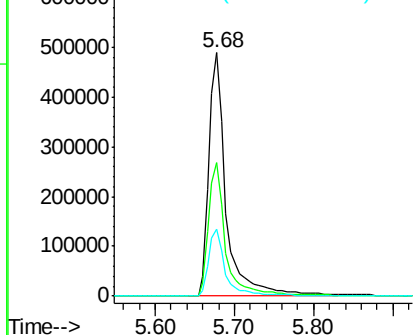
#5

2-Fluorophenol
 Concen: 129.82 ng
 RT: 5.68 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF094950.D
 Acq: 6 May 2017 9:08

Tgt Ion:112 Resp: 745225
 Ion Ratio Lower Upper
 112 100
 64 55.0 46.0 69.0
 63 27.5 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: 132.30 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094950.D

Acq: 6 May 2017 9:08

Instrument :

BNA_F

ClientSampleId :

PB98737BL

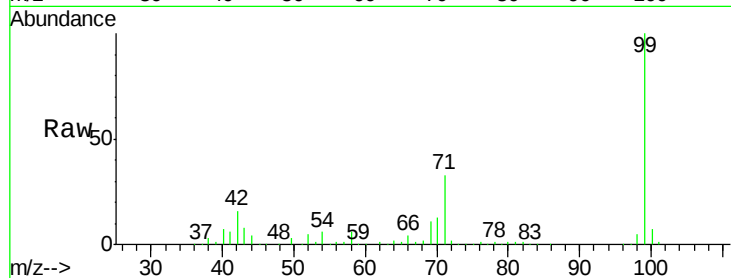
Tgt Ion: 99 Resp: 911240

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

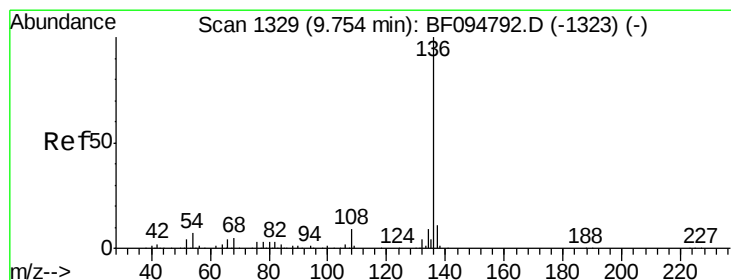
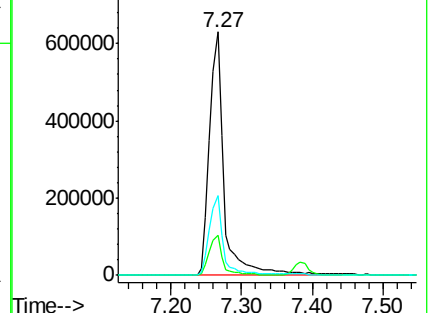
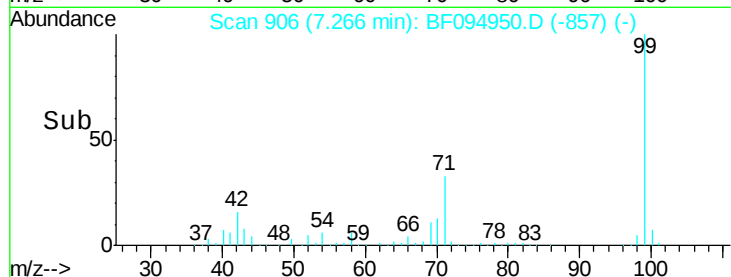
71 32.6 24.5 36.7



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: BF094950.D

Acq: 6 May 2017 9:08

Tgt Ion: 136 Resp: 382833

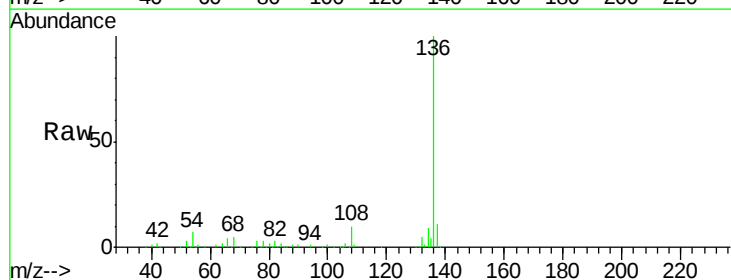
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.1 4.9 7.3

68 4.9 4.1 6.1

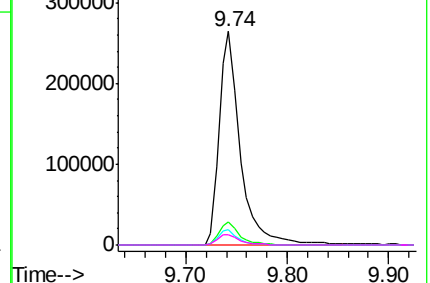
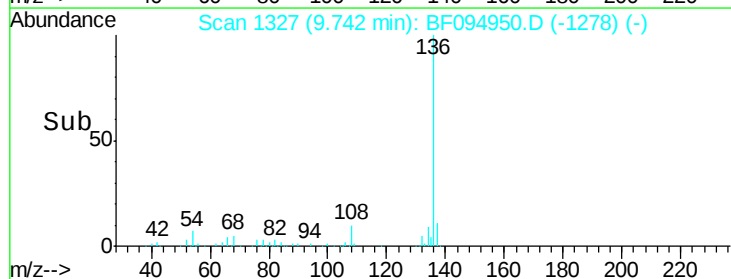


Abundance Ion 136.00 (135.70 to 136.70): E

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

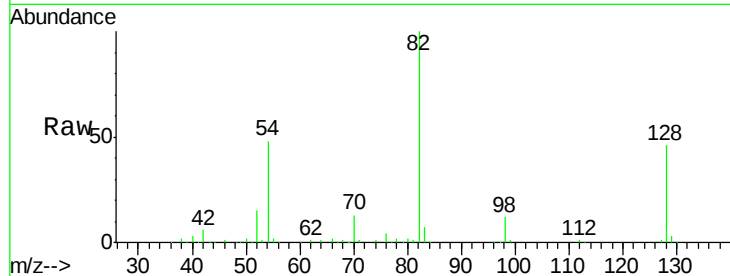




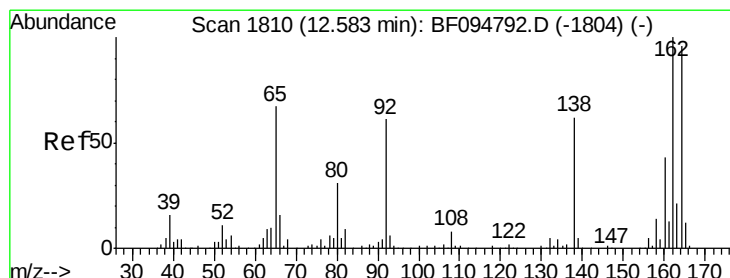
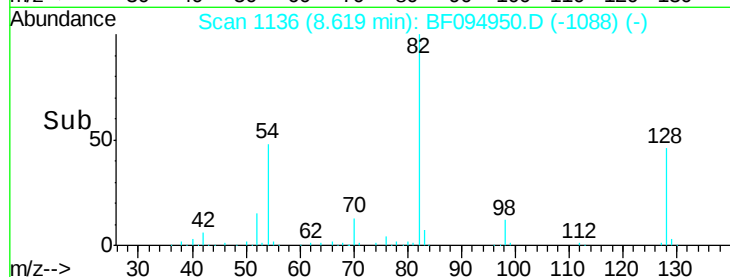
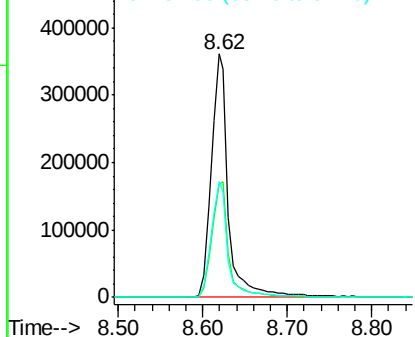
#23
 Nitrobenzene-d5
 Concen: 85.39 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094950.D
 Acq: 6 May 2017 9:08

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BL

Tgt Ion: 82 Resp: 518414
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 47.6 42.2 63.2

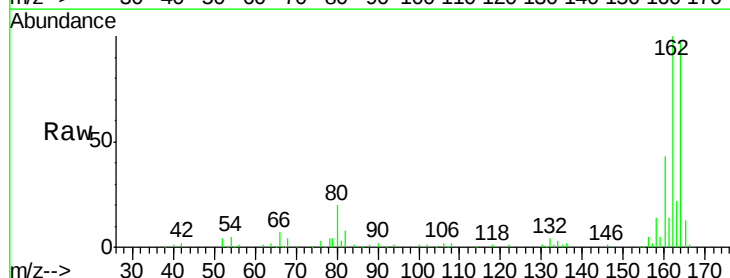


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

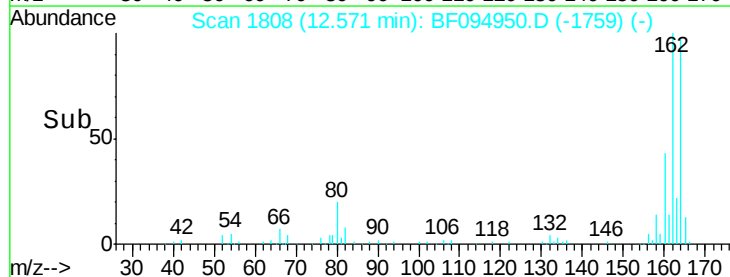
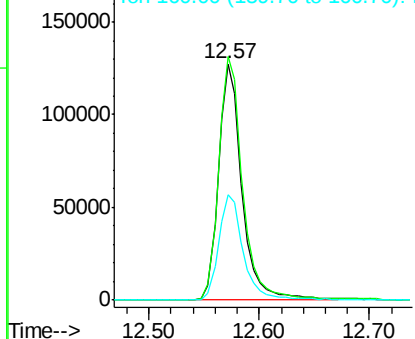


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094950.D
 Acq: 6 May 2017 9:08

Tgt Ion: 164 Resp: 187814
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 44.5 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

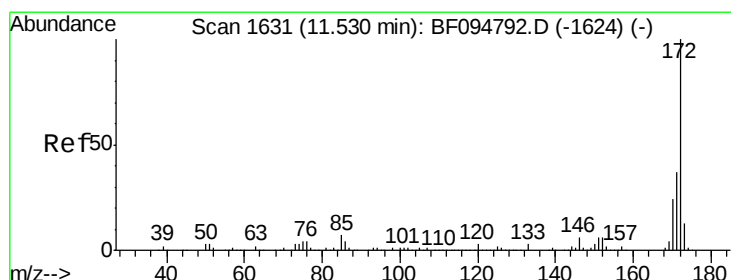
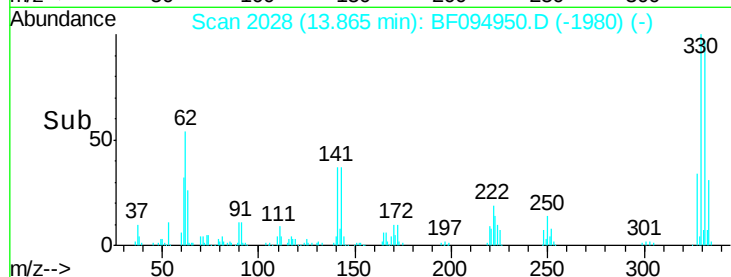
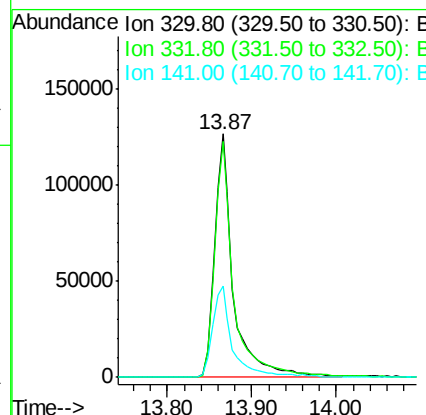
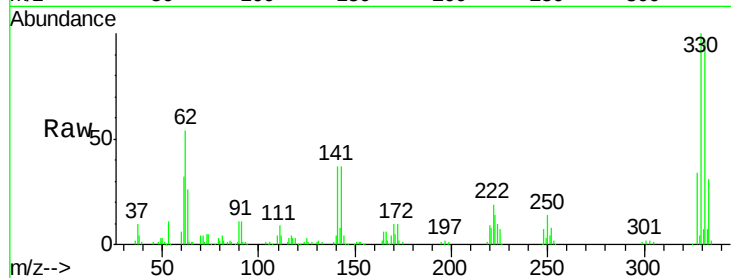




#41
 2,4,6-Tribromophenol
 Concen: 129.97 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094950.D
 Acq: 6 May 2017 9:08

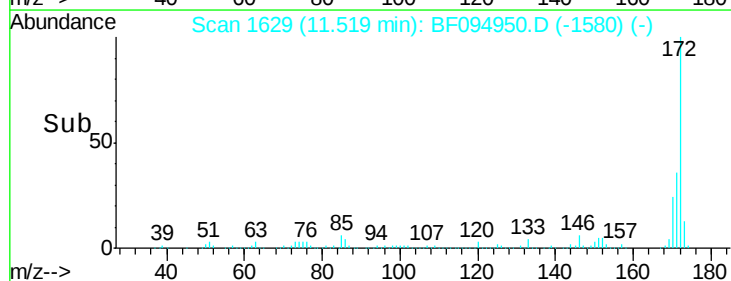
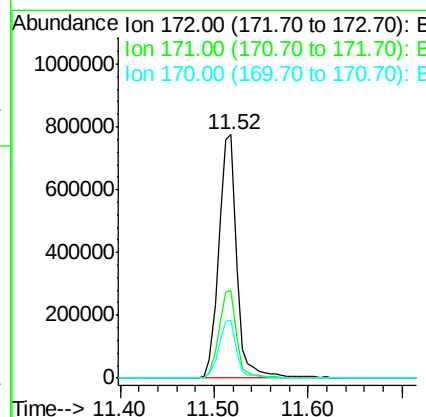
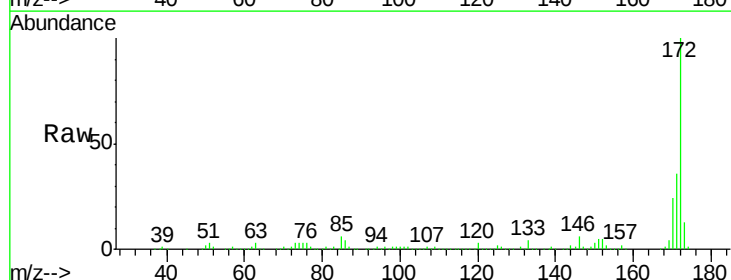
Instrument :
 BNA_F
 ClientSampleId :
 PB98737BL

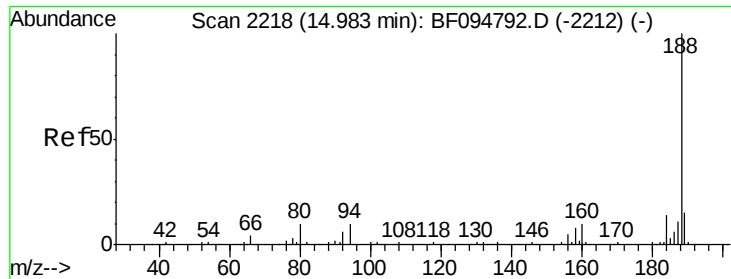
Tgt Ion:330 Resp: 199905
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 115.0
 141 39.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 80.69 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094950.D
 Acq: 6 May 2017 9:08

Tgt Ion:172 Resp: 1052872
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.7 19.8 29.8

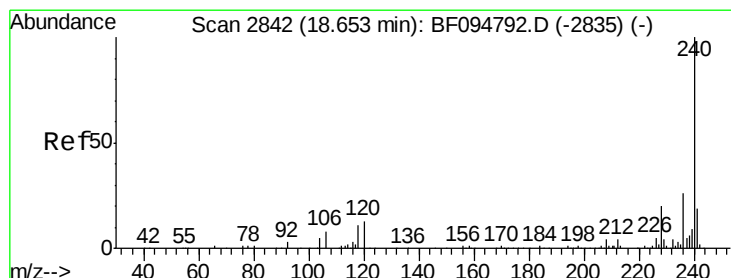
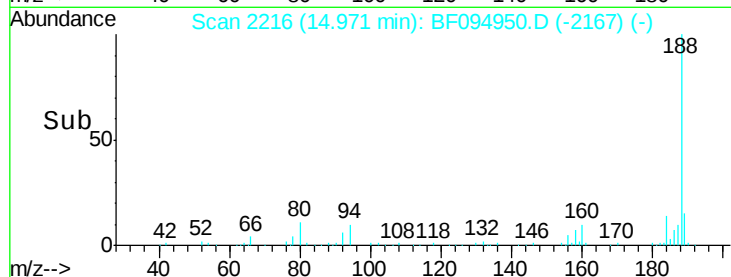
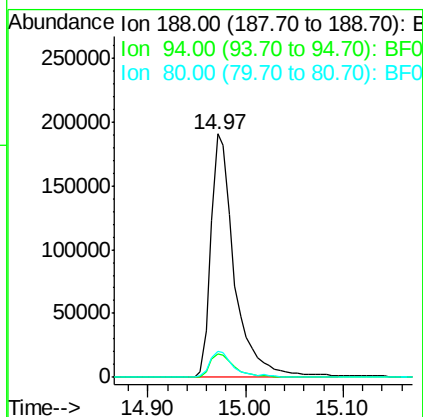
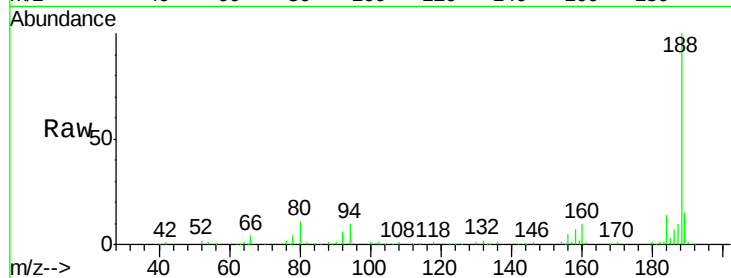




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094950.D
Acq: 6 May 2017 9:08

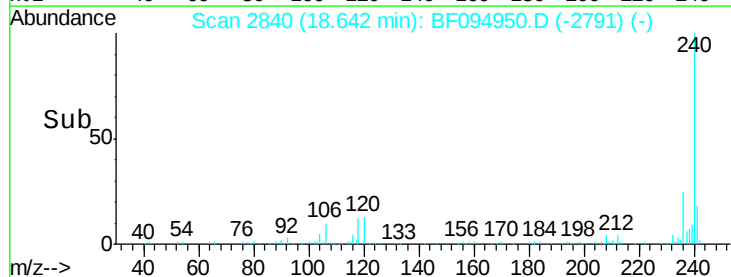
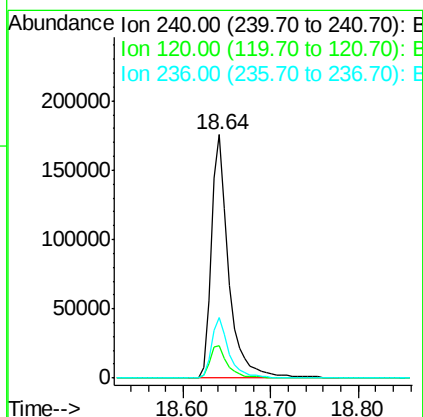
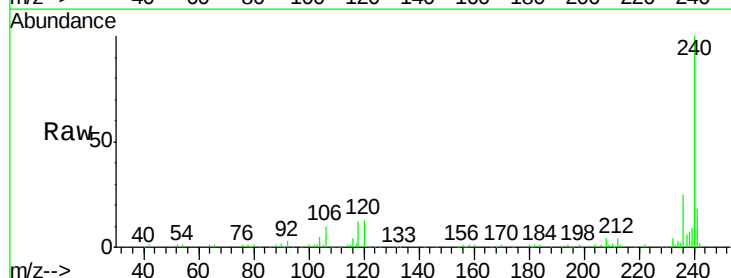
Instrument :
BNA_F
ClientSampleID :
PB98737BL

Tgt Ion:188 Resp: 320998
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094950.D
Acq: 6 May 2017 9:08

Tgt Ion:240 Resp: 242380
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 24.8 20.5 30.7

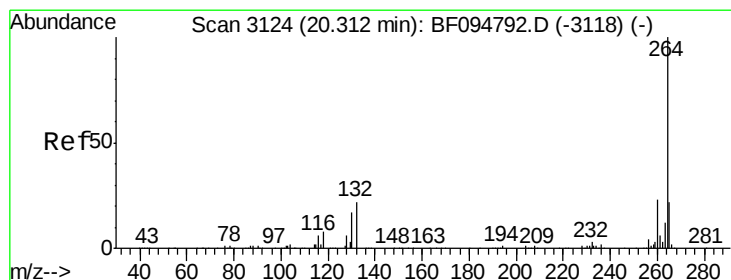
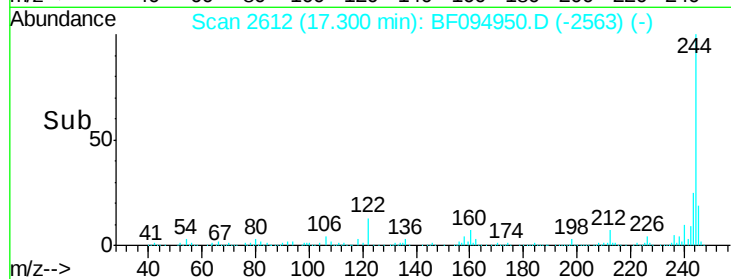
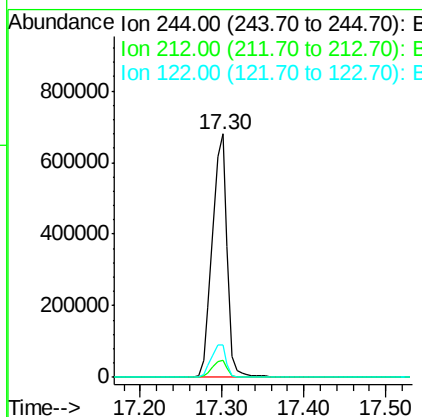
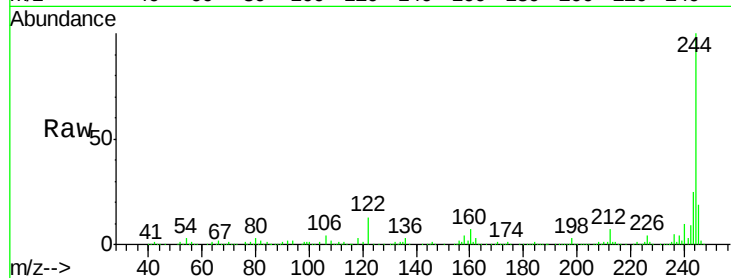




#78
 Terphenyl-d14
 Concen: 78.57 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094950.D
 Acq: 6 May 2017 9:08

Instrument :
 BNA_F
 ClientSampleId :
 PB98737BL

Tgt Ion:244 Resp: 864659
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094950.D
 Acq: 6 May 2017 9:08

Tgt Ion:264 Resp: 177725
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.5 17.2 25.8

