

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094936.D
 Acq On : 6 May 2017 1:33
 Operator : SJ/MA
 Sample : I2950-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)20170502

Quant Time: May 06 03:57:43 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

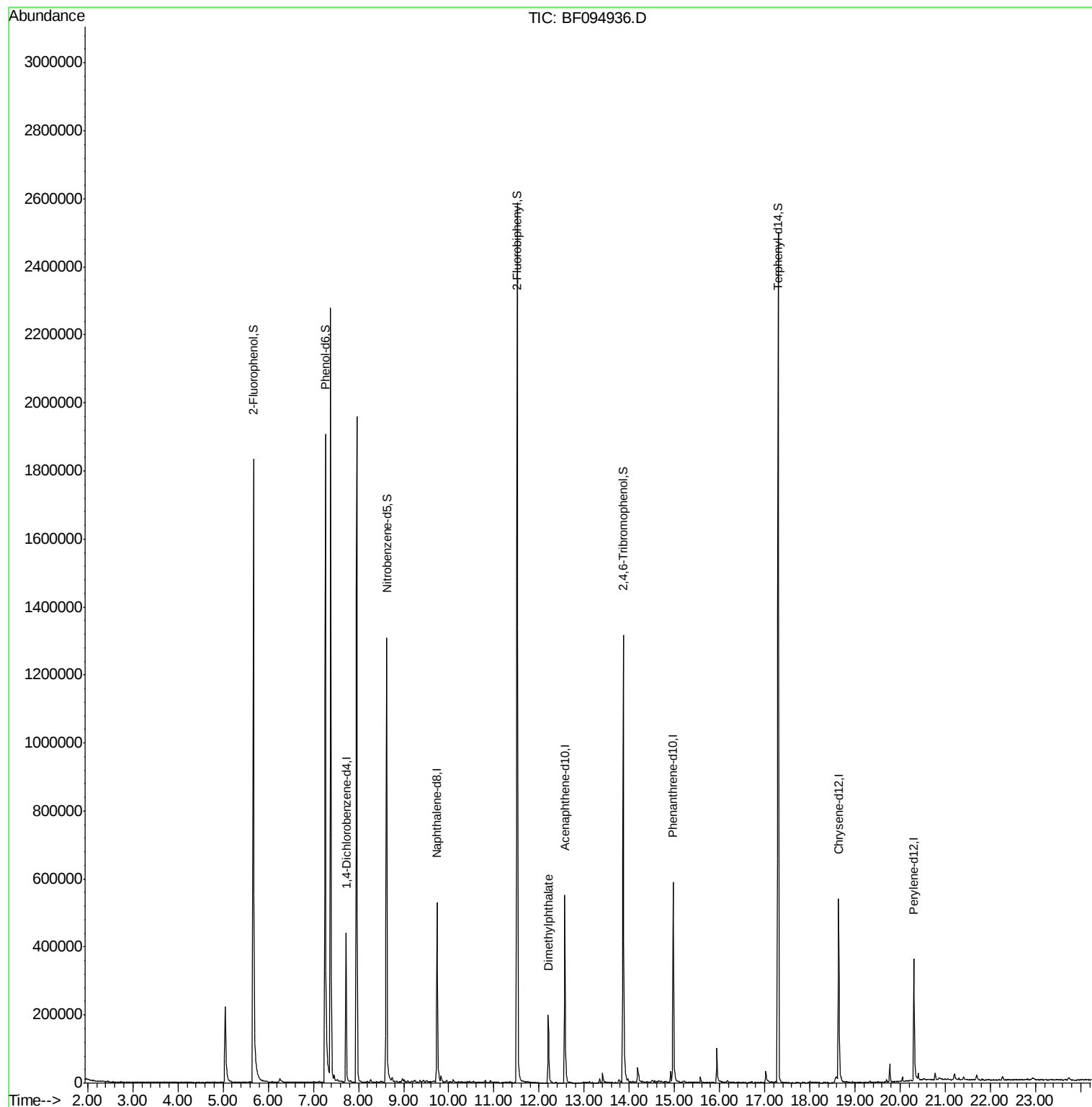
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	97659	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	367850	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	170692	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	334589	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	278580	20.00	ng	-0.02
86) Perylene-d12	20.31	264	206562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	845047	144.26	ng	0.00
7) Phenol-d6	7.27	99	1080171	153.69	ng	-0.01
23) Nitrobenzene-d5	8.62	82	624713	107.09	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	231300	165.46	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1163779	98.13	ng	-0.01
78) Terphenyl-d14	17.30	244	1026577	81.17	ng	-0.01
Target Compounds						
49) Dimethylphthalate	12.21	163	132586	9.46	ng	Qvalue 99

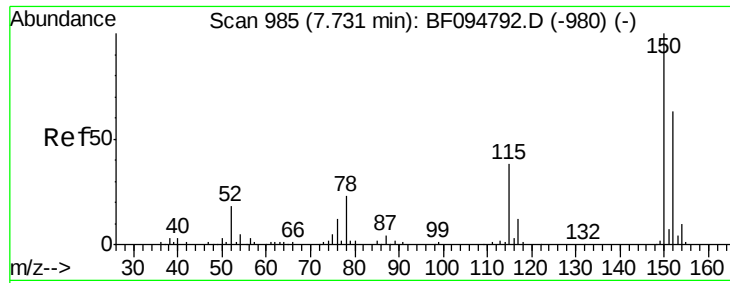
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 03 17:24:51 2017
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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

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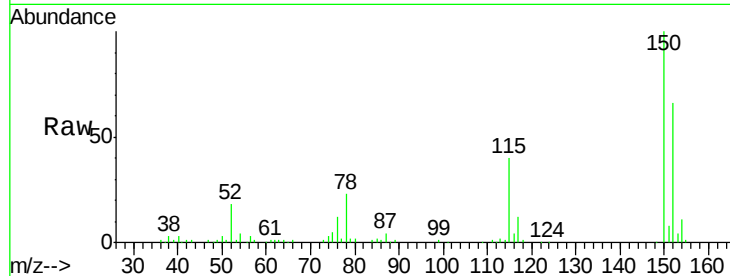
Tgt Ion:152 Resp: 97659

Ion Ratio Lower Upper

152 100

150 151.1 126.2 189.2

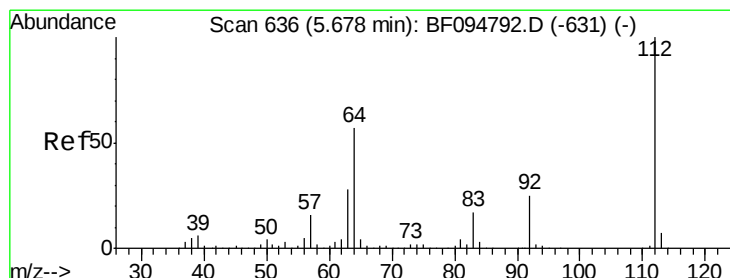
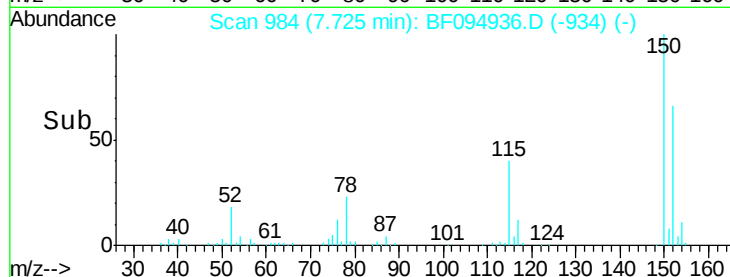
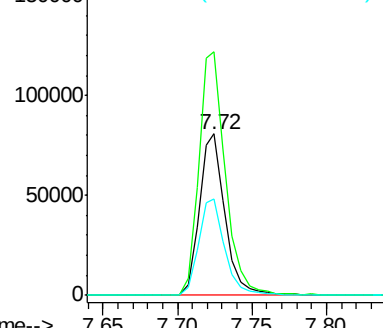
115 59.9 52.2 78.2



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: 144.26 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF094936.D

Acq: 6 May 2017 1:33

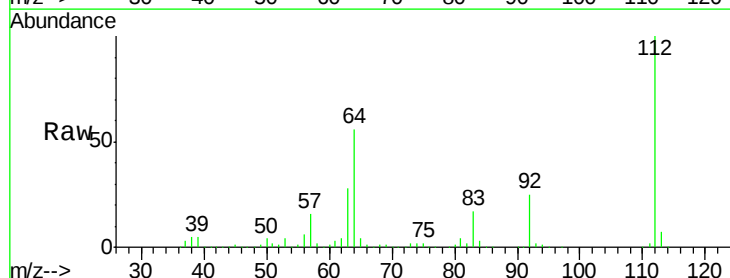
Tgt Ion:112 Resp: 845047

Ion Ratio Lower Upper

112 100

64 55.6 46.0 69.0

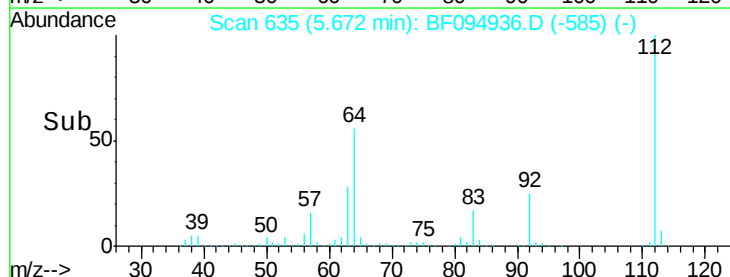
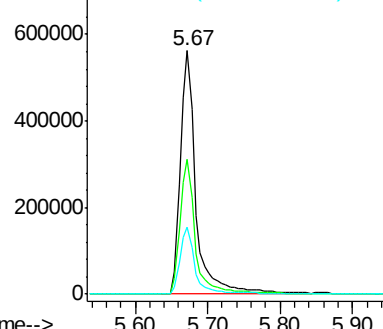
63 27.7 23.4 35.0

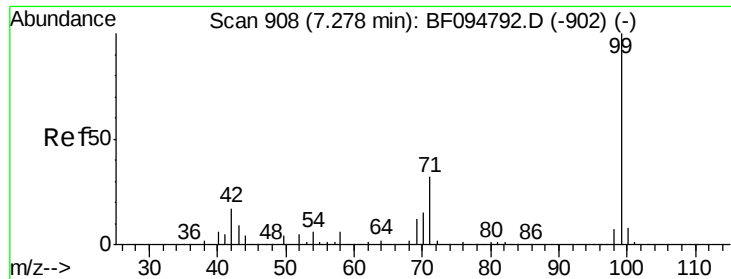


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 153.69 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094936.D

Acq: 6 May 2017 1:33

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)20170502

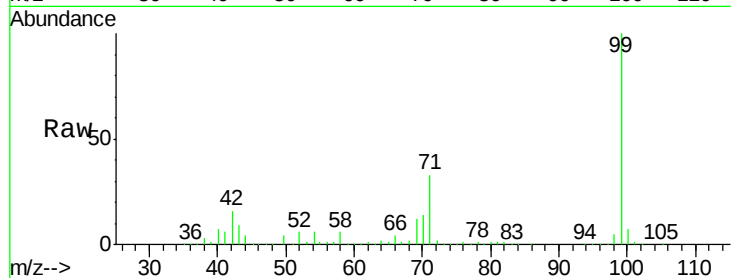
Tgt Ion: 99 Resp: 1080171

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

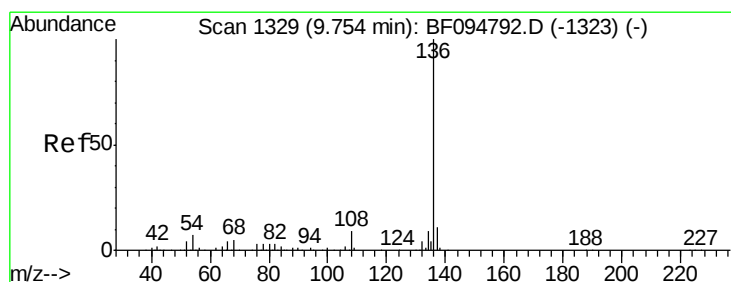
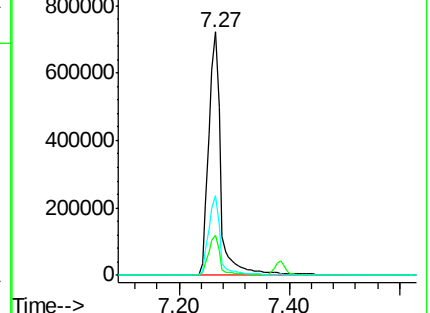
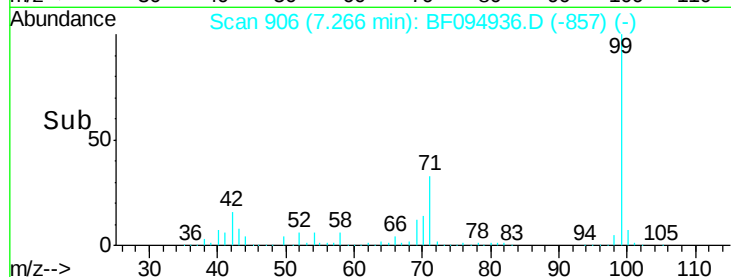
71 32.8 24.5 36.7



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: BF094936.D

Acq: 6 May 2017 1:33

Tgt Ion: 136 Resp: 367850

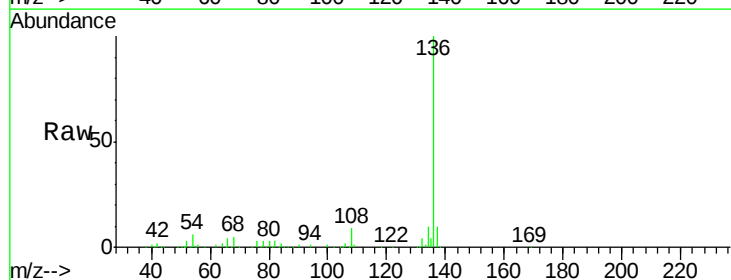
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.4 4.9 7.3

68 5.0 4.1 6.1

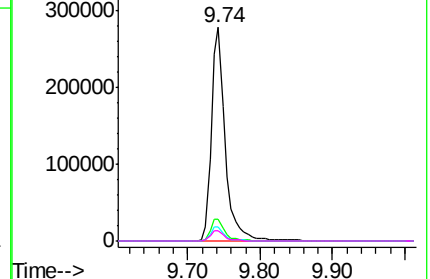
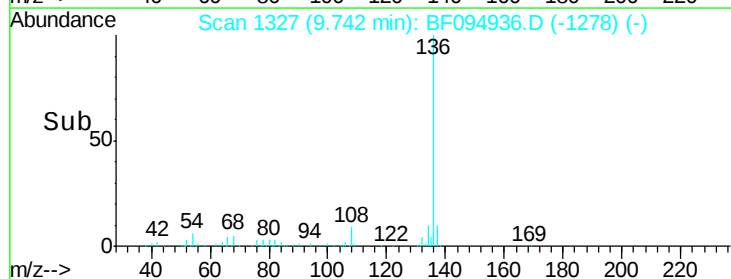


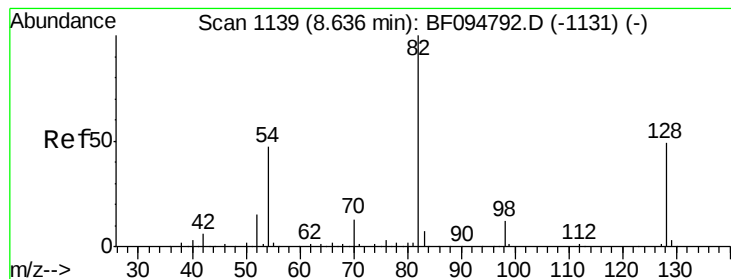
Abundance Ion 136.00 (135.70 to 136.70): E

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: 107.09 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094936.D

Acq: 6 May 2017 1:33

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)20170502

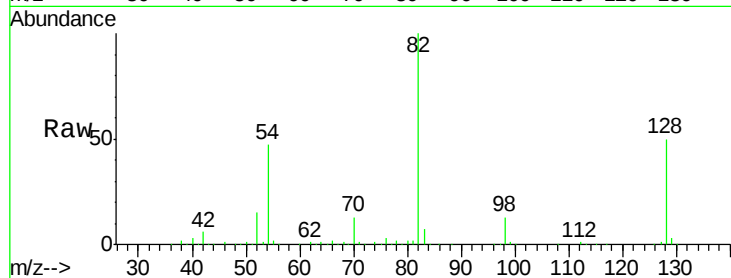
Tgt Ion: 82 Resp: 624713

Ion Ratio Lower Upper

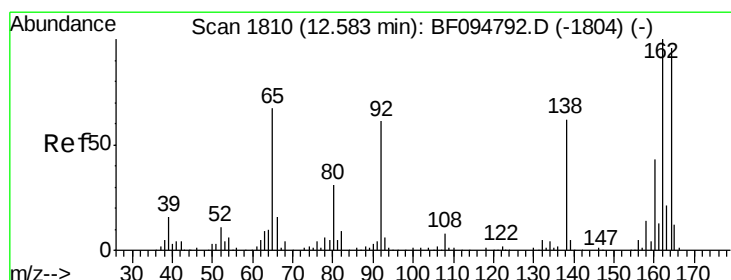
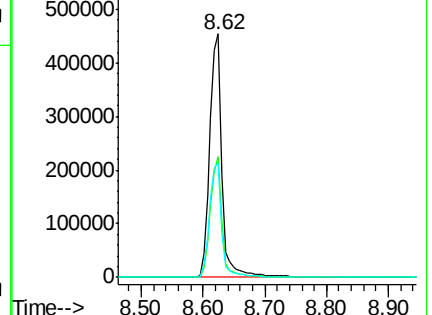
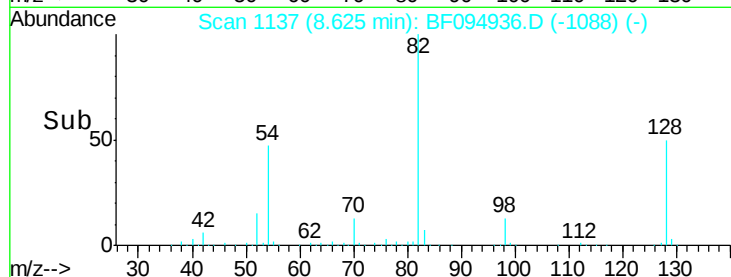
82 100

128 49.6 34.0 51.0

54 47.0 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: BF094936.D

Acq: 6 May 2017 1:33

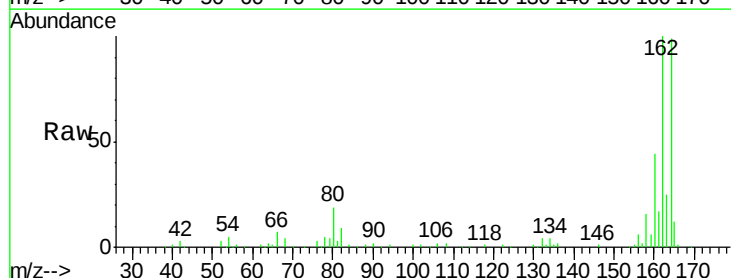
Tgt Ion: 164 Resp: 170692

Ion Ratio Lower Upper

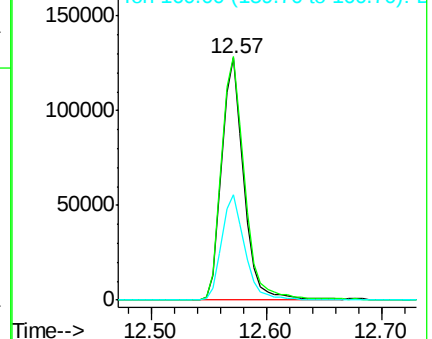
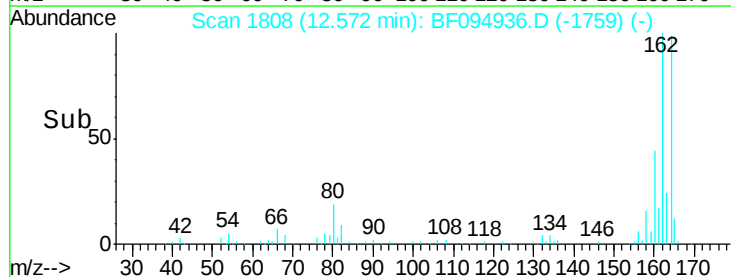
164 100

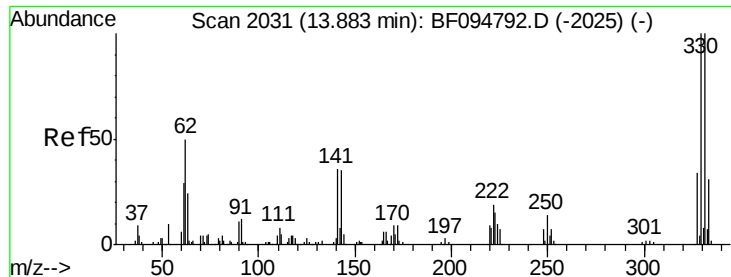
162 100.5 82.6 123.8

160 43.7 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

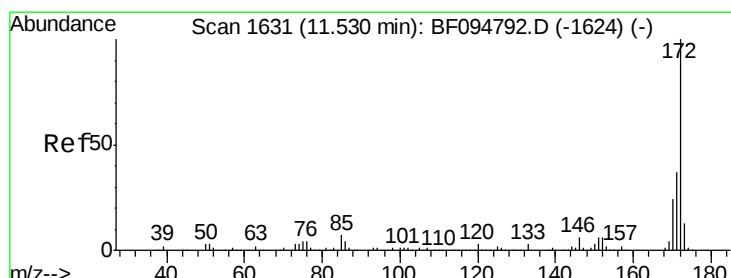
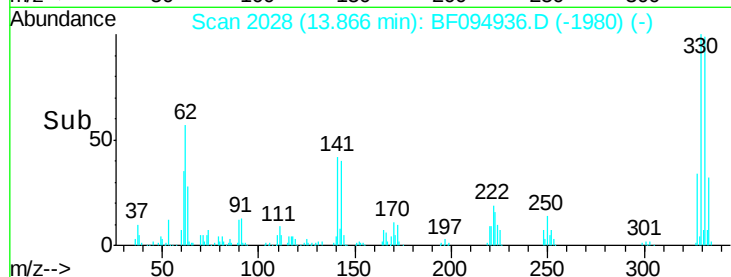
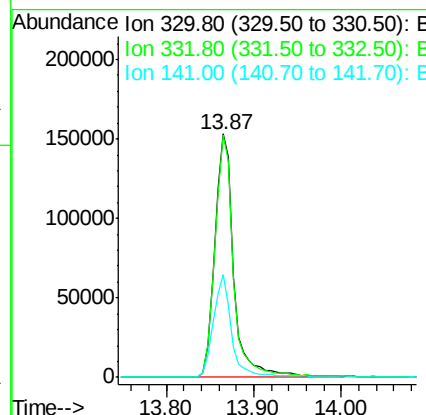
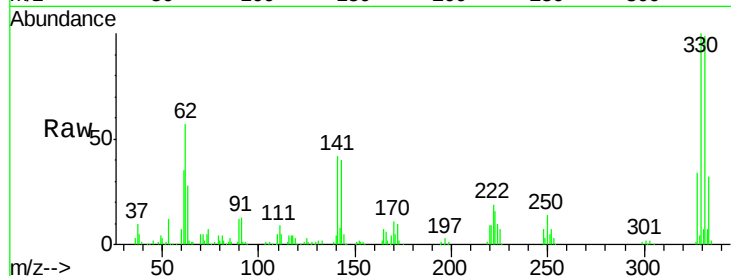




#41
 2,4,6-Tribromophenol
 Concen: 165.46 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094936.D
 Acq: 6 May 2017 1:33

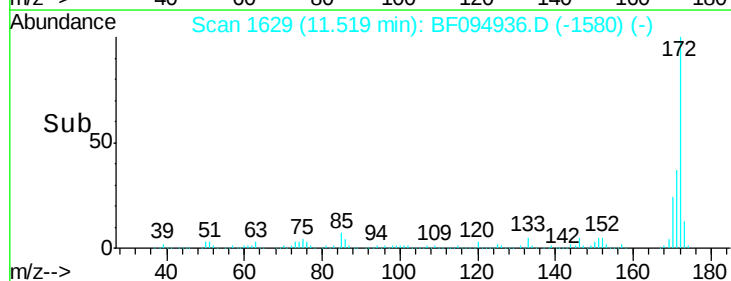
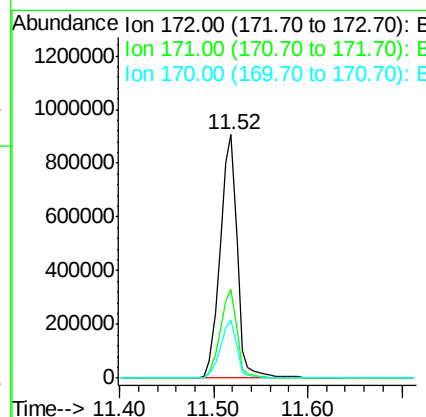
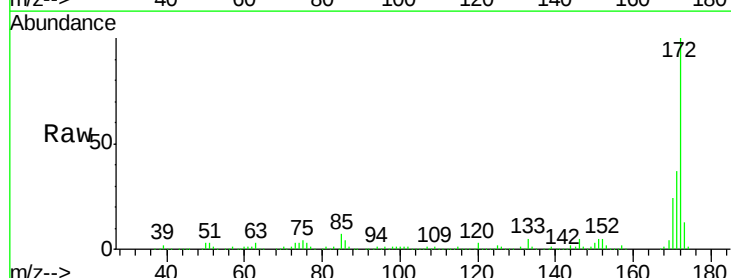
Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)20170502

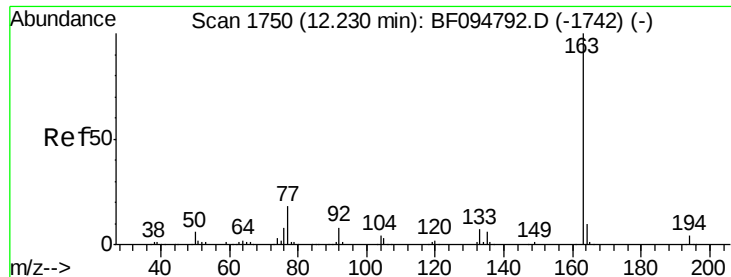
Tgt Ion:330 Resp: 231300
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 39.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 98.13 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094936.D
 Acq: 6 May 2017 1:33

Tgt Ion:172 Resp: 1163779
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.7 19.8 29.8





#49

Dimethylphthalate

Concen: 9.46 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094936.D

Acq: 6 May 2017 1:33

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)20170502

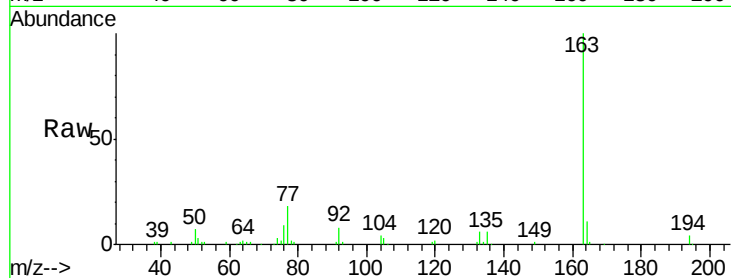
Tgt Ion:163 Resp: 132586

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

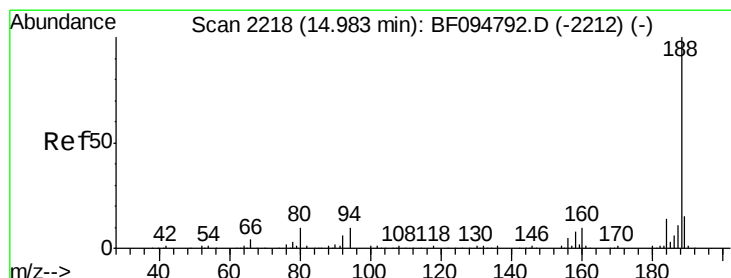
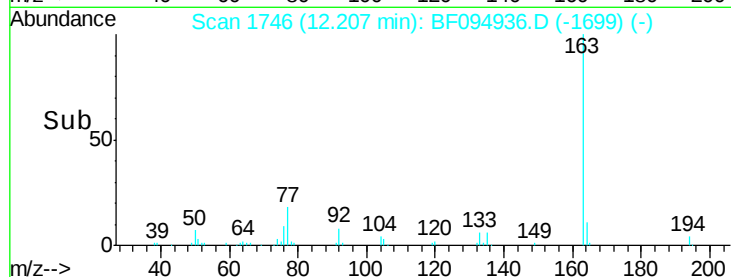
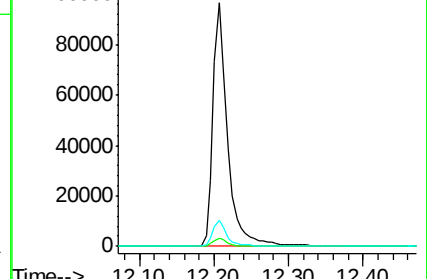
164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094936.D

Acq: 6 May 2017 1:33

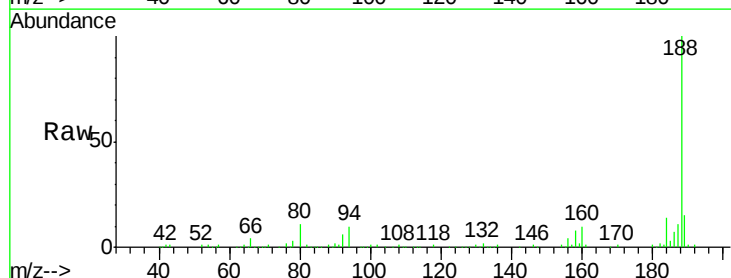
Tgt Ion:188 Resp: 334589

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

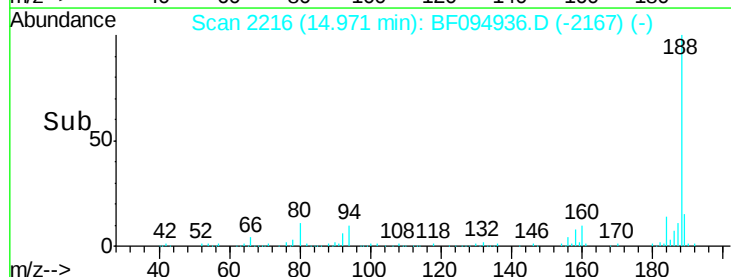
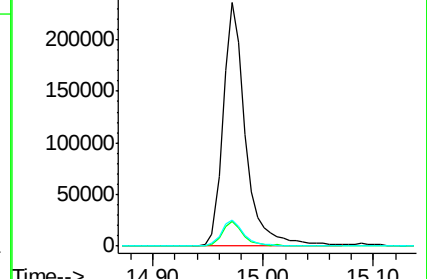
80 10.7 10.2 15.2

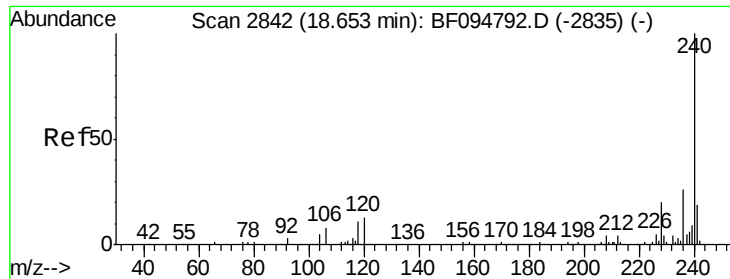


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094936.D

Acq: 6 May 2017 1:33

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)20170502

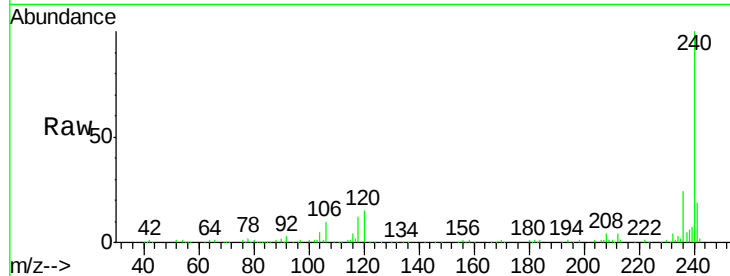
Tgt Ion:240 Resp: 278580

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

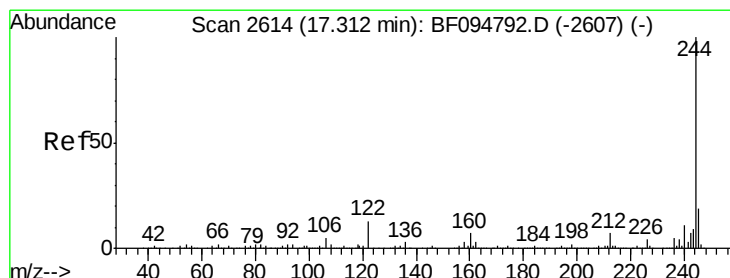
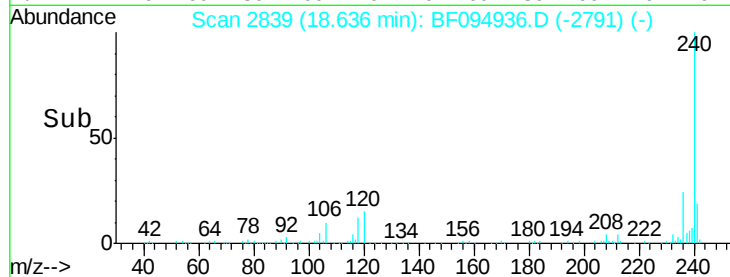
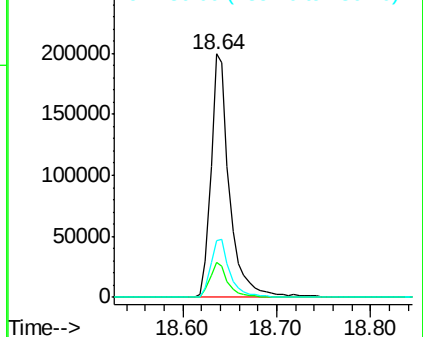
236 23.5 20.5 30.7



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: 81.17 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094936.D

Acq: 6 May 2017 1:33

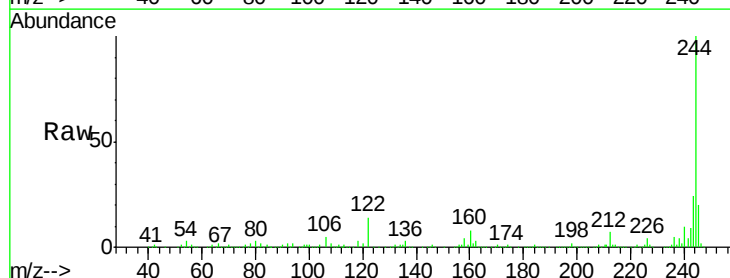
Tgt Ion:244 Resp: 1026577

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

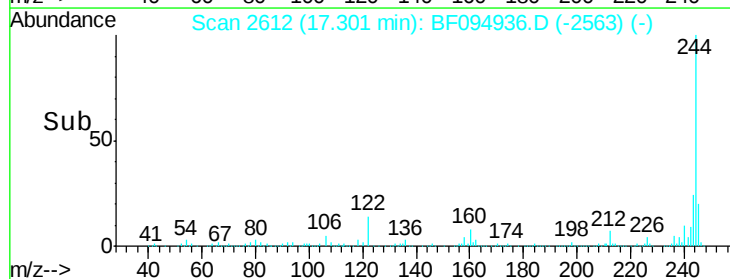
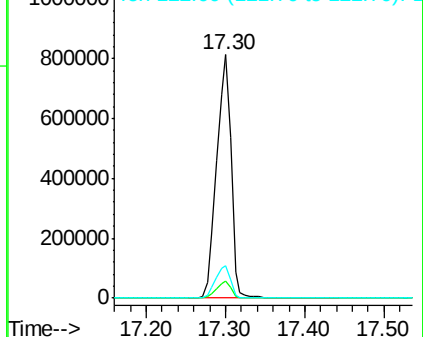
122 13.5 10.3 15.5

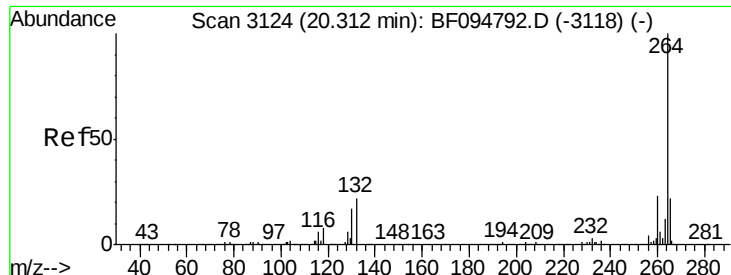


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

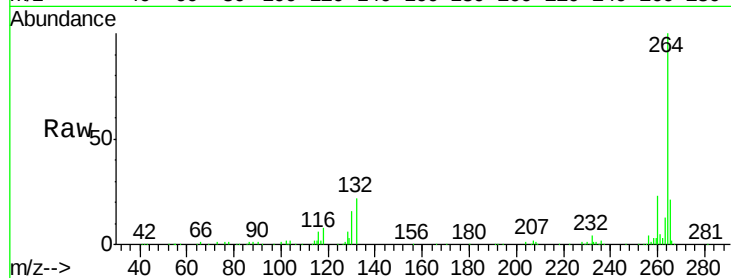




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094936.D
Acq: 6 May 2017 1:33

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)20170502

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.6	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

