

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094957.D
 Acq On : 6 May 2017 12:57
 Operator : SJ/MA
 Sample : I2947-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.0-6.5

Quant Time: May 08 08:15:48 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

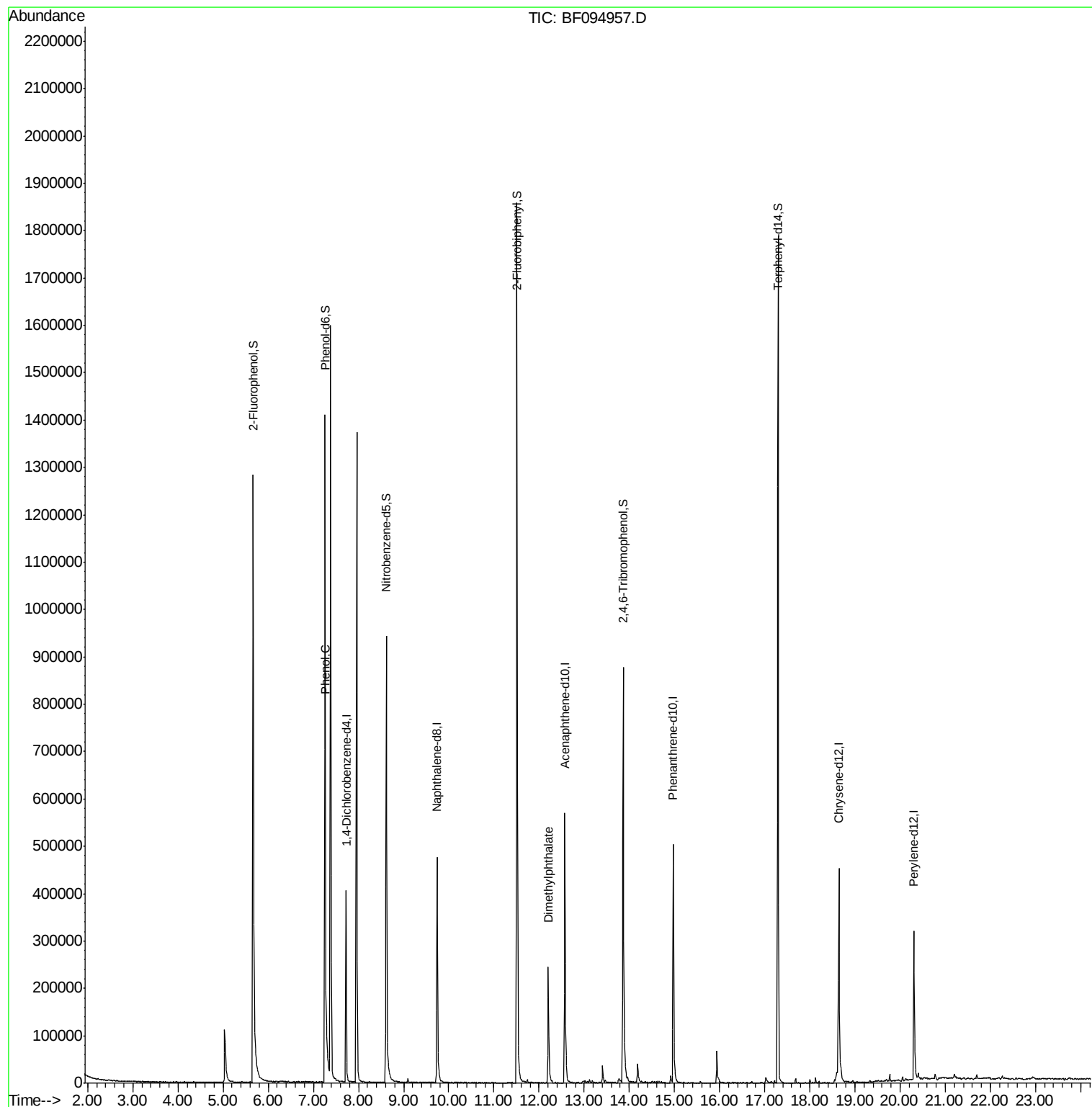
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88839	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	367988	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	175234	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	313912	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	237042	20.00	ng	-0.01
86) Perylene-d12	20.31	264	175758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	633804	118.94	ng	-0.01
7) Phenol-d6	7.26	99	761467	119.10	ng	-0.02
23) Nitrobenzene-d5	8.62	82	455239	78.01	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	165586	115.38	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	844375	69.36	ng	-0.02
78) Terphenyl-d14	17.29	244	670803	62.33	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	17417	2.59	ng	Qvalue # 65
49) Dimethylphthalate	12.21	163	167724	11.66	ng	99

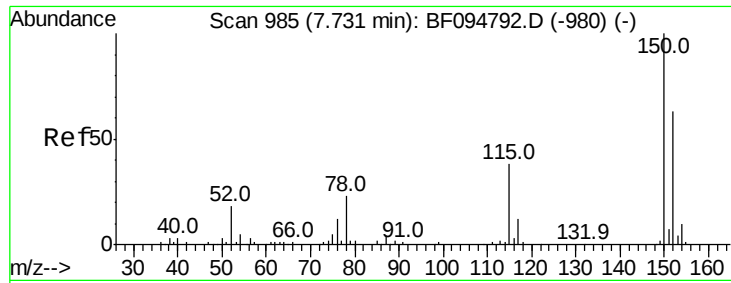
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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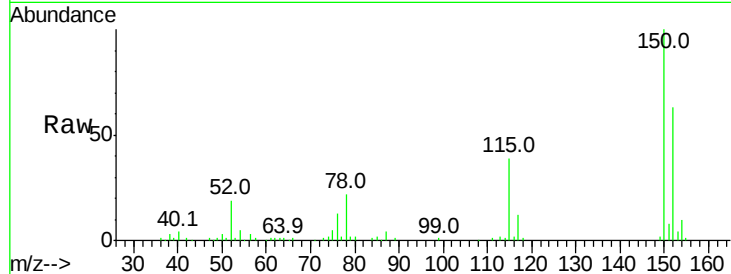


#1

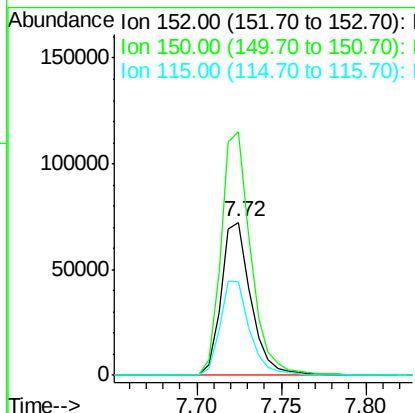
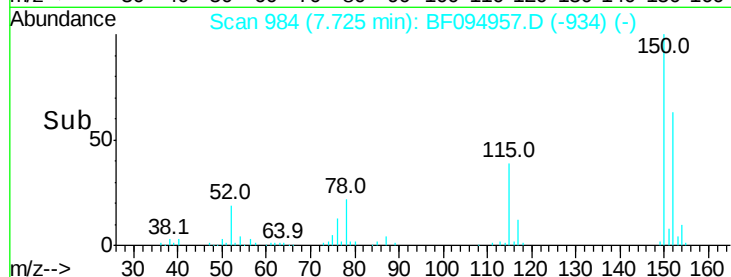
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094957.D
 Acq: 6 May 2017 12:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.0-6.5

Tot Ion:152 Resp: 88839
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.2 189.2
 115 61.2 52.2 78.2



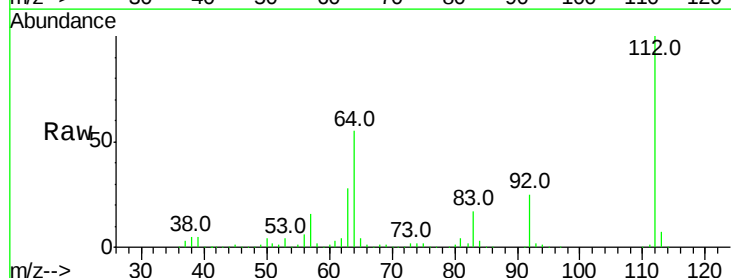
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



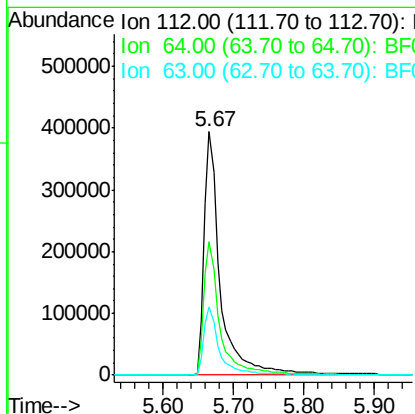
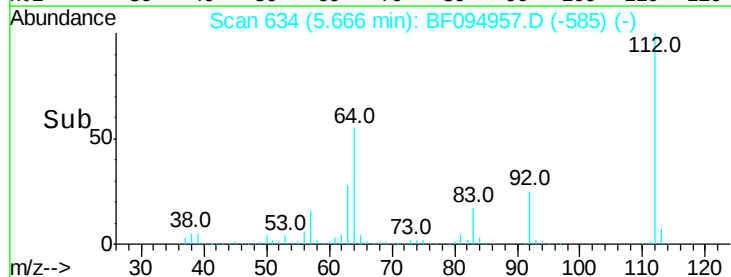
#5

2-Fluorophenol
 Concen: 118.94 ng
 RT: 5.67 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF094957.D
 Acq: 6 May 2017 12:57

Tgt Ion:112 Resp: 633804
 Ion Ratio Lower Upper
 112 100
 64 54.7 46.0 69.0
 63 27.9 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: 119.10 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094957.D

Acq: 6 May 2017 12:57

Instrument :

BNA_F

ClientSampleId :

SB-02-6.0-6.5

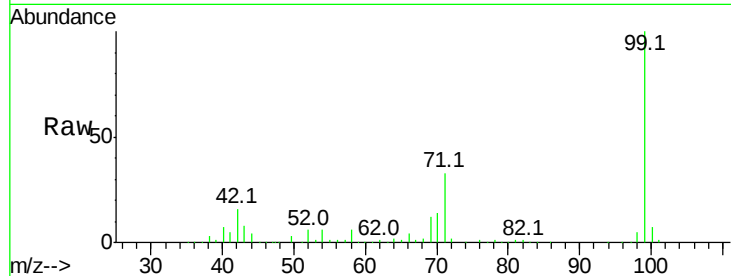
Tot Ion: 99 Resp: 761467

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

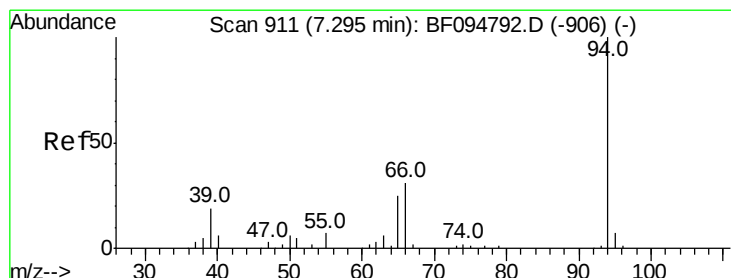
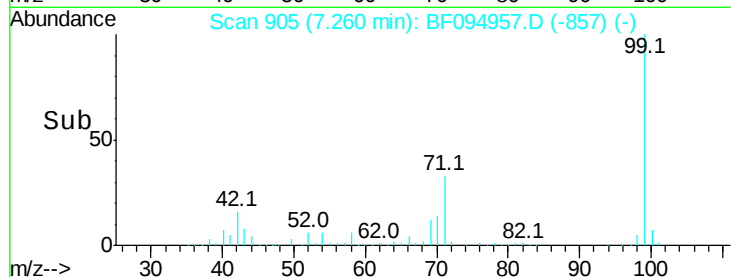
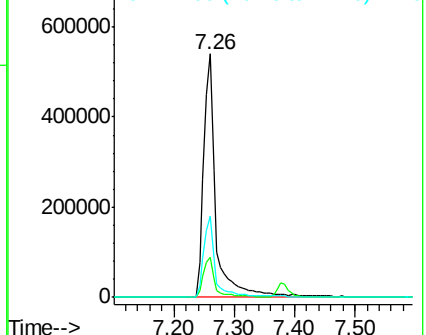
71 33.1 24.5 36.7



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



#10

Phenol

Concen: 2.59 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF094957.D

Acq: 6 May 2017 12:57

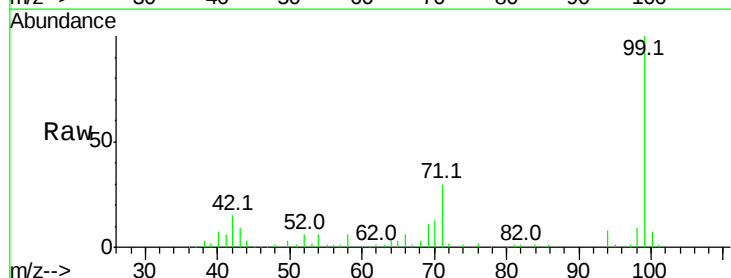
Tgt Ion: 94 Resp: 17417

Ion Ratio Lower Upper

94 100

65 36.5 9.9 49.9

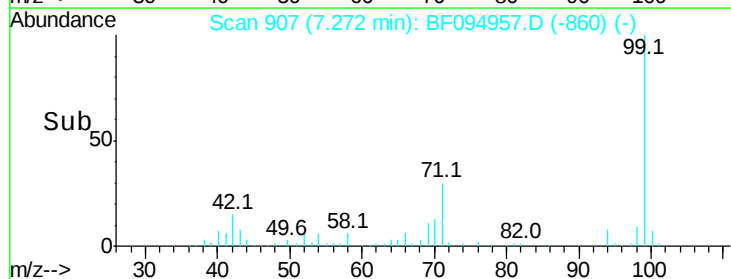
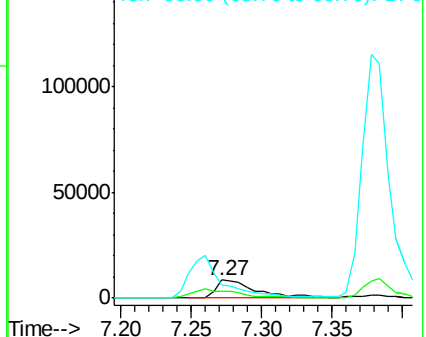
66 75.7 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094957.D

Acq: 6 May 2017 12:57

Instrument :

BNA_F

ClientSampleId :

SB-02-6.0-6.5

Tot Ion:136 Resp: 367988

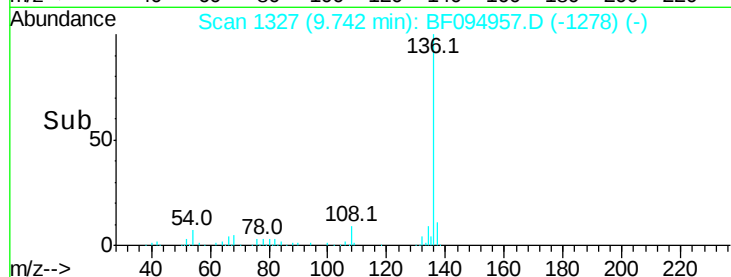
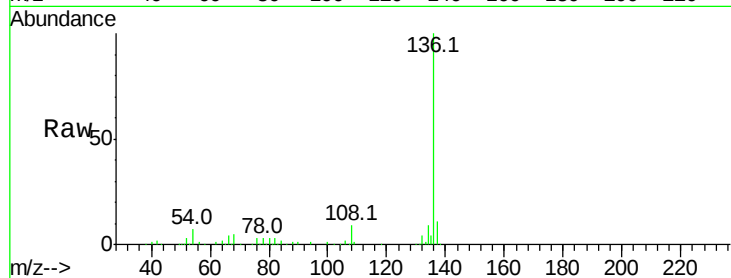
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.2 4.1 6.1

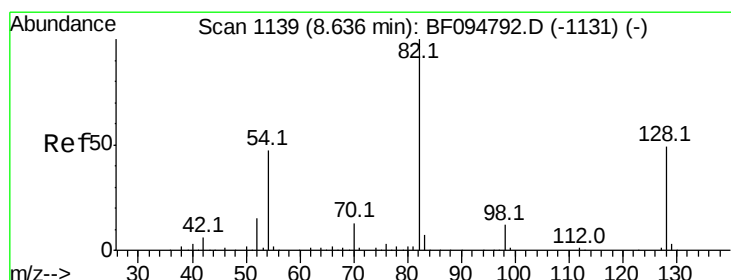
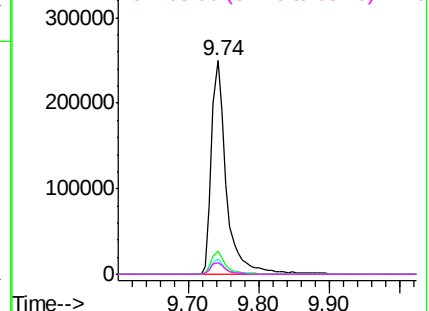


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.01 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094957.D

Acq: 6 May 2017 12:57

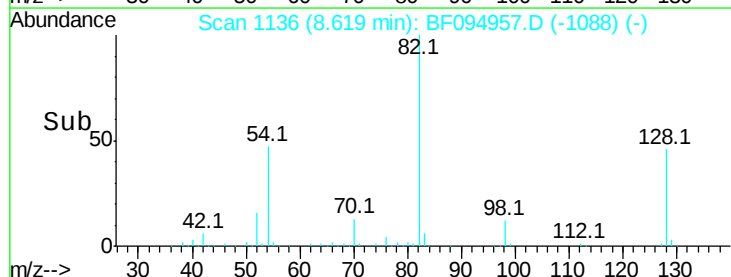
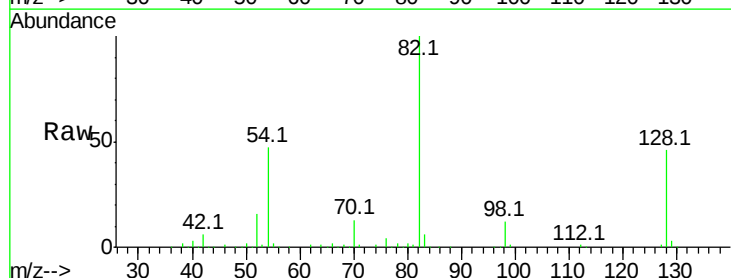
Tgt Ion: 82 Resp: 455239

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

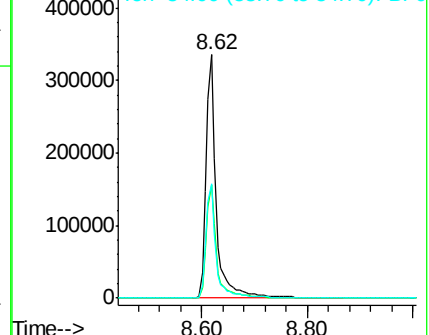
54 47.0 42.2 63.2



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: BF094957.D

Acq: 6 May 2017 12:57

Instrument :

BNA_F

ClientSampleId :

SB-02-6.0-6.5

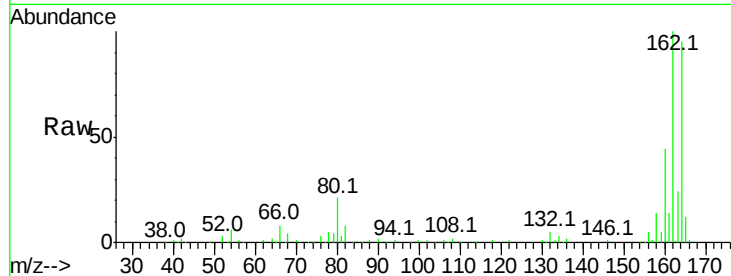
Tot Ion:164 Resp: 175234

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

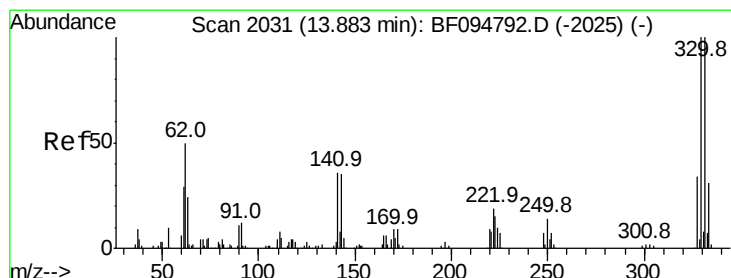
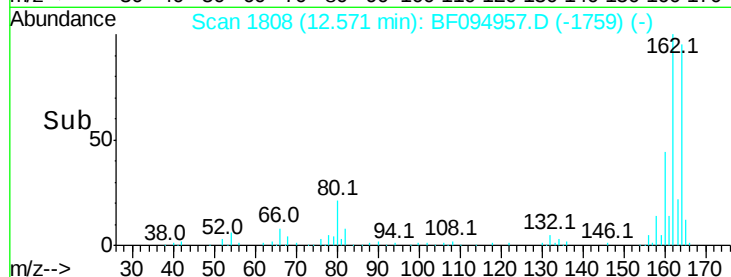
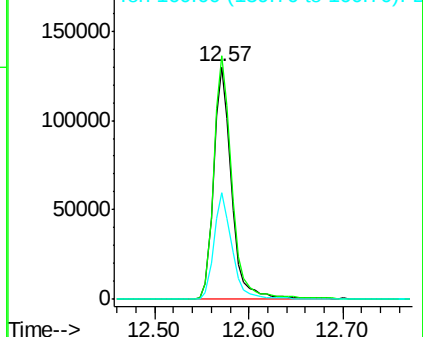
160 46.0 36.2 54.2



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: 115.38 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094957.D

Acq: 6 May 2017 12:57

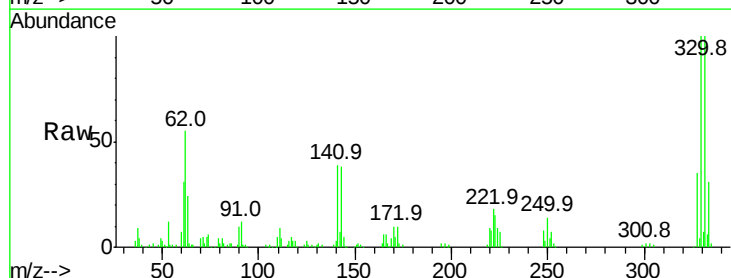
Tgt Ion:330 Resp: 165586

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

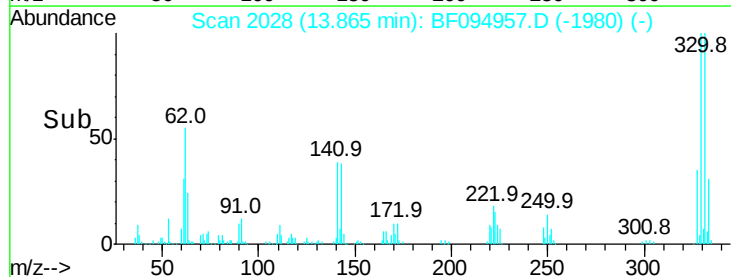
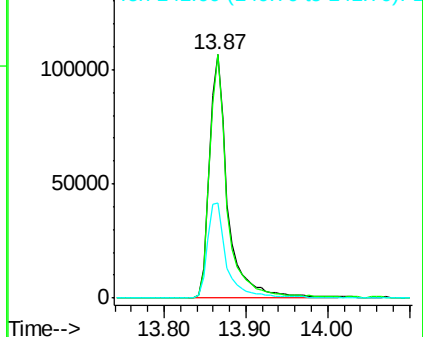
141 40.5 31.4 47.2

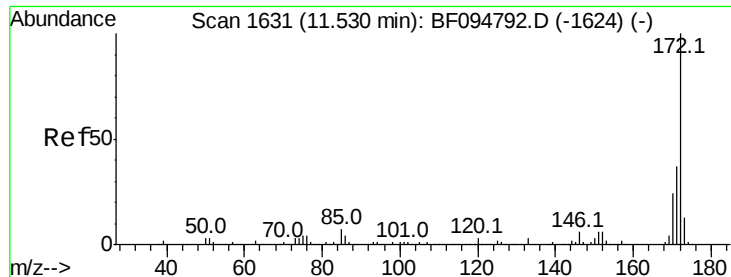


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

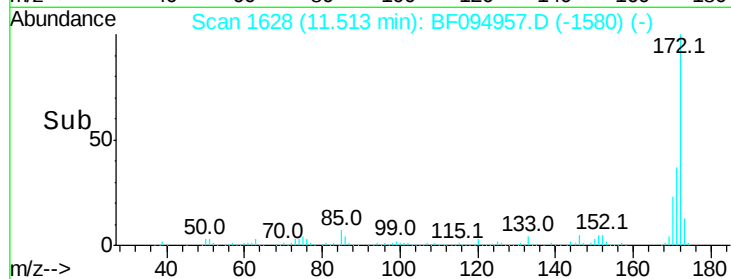
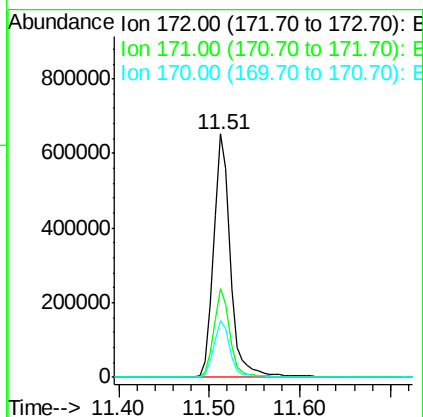
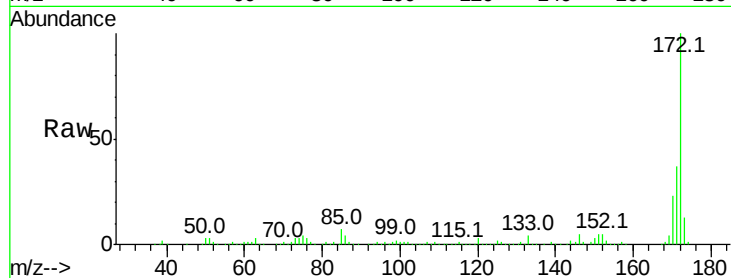




#44
2-Fluorobiphenyl
Concen: 69.36 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094957.D
Acq: 6 May 2017 12:57

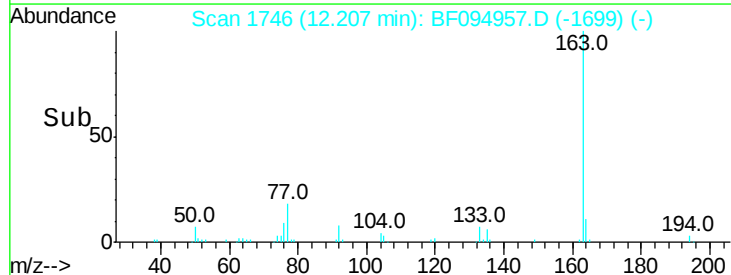
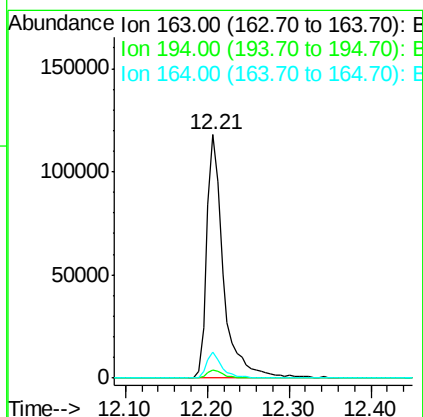
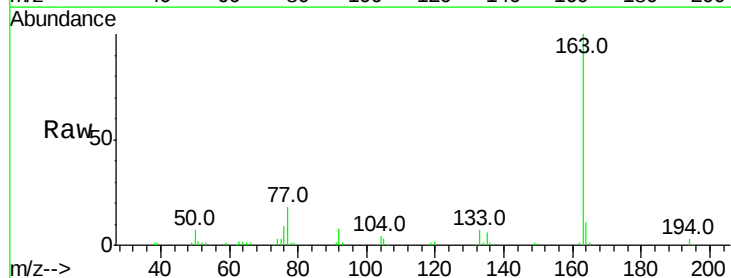
Instrument :
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SB-02-6.0-6.5

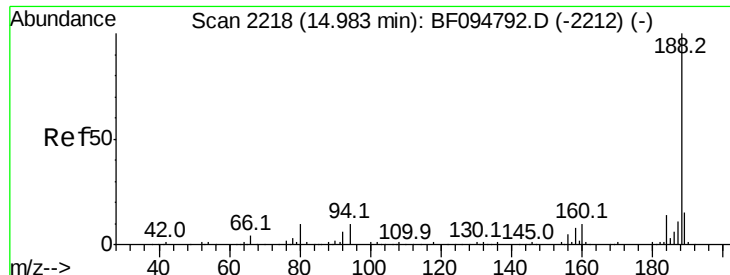
Tot Ion:172 Resp: 844375
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 11.66 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094957.D
Acq: 6 May 2017 12:57

Tgt Ion:163 Resp: 167724
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.8 8.4 12.6

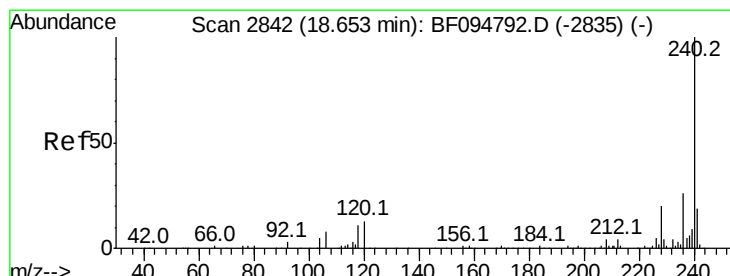
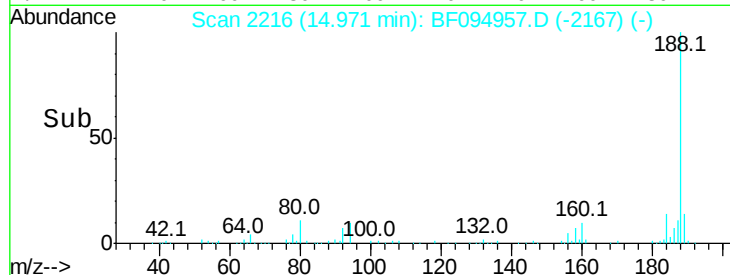
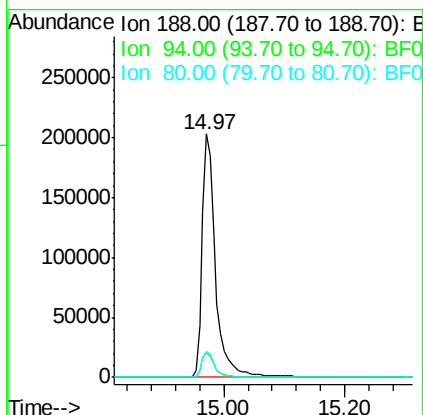
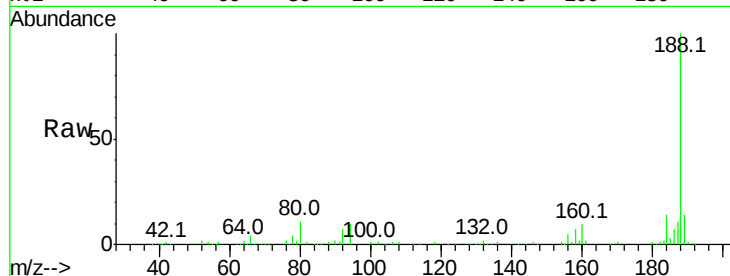




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094957.D
 Acq: 6 May 2017 12:57

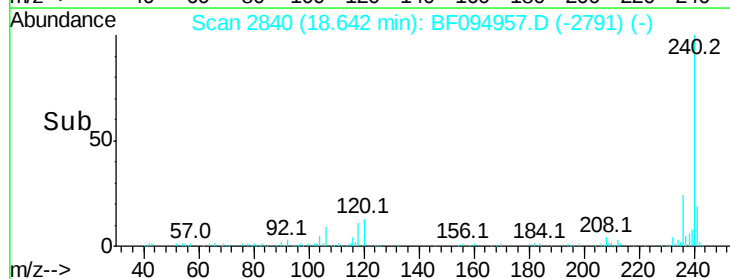
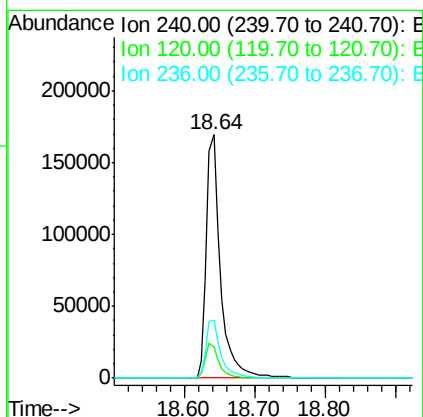
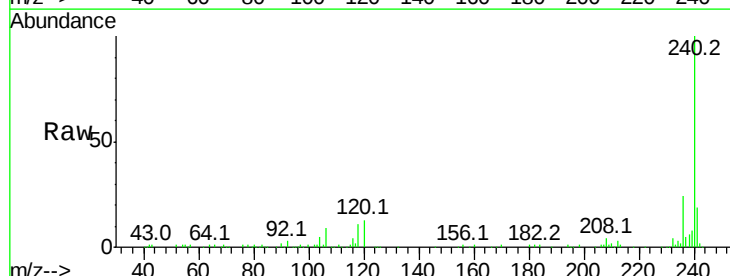
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.0-6.5

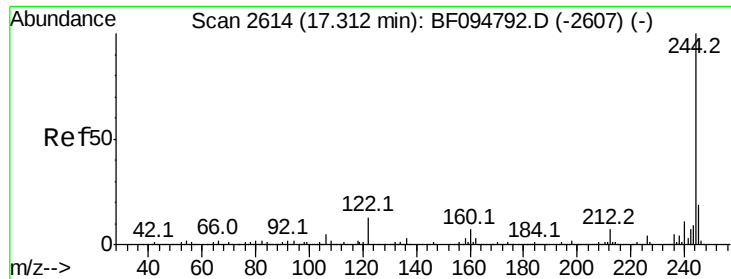
Tot Ion:188 Resp: 313912
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.7 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094957.D
 Acq: 6 May 2017 12:57

Tgt Ion:240 Resp: 237042
 Ion Ratio Lower Upper
 240 100
 120 12.7 5.8 8.8#
 236 24.0 20.5 30.7

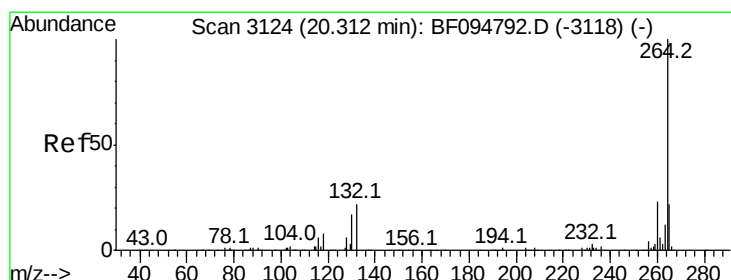
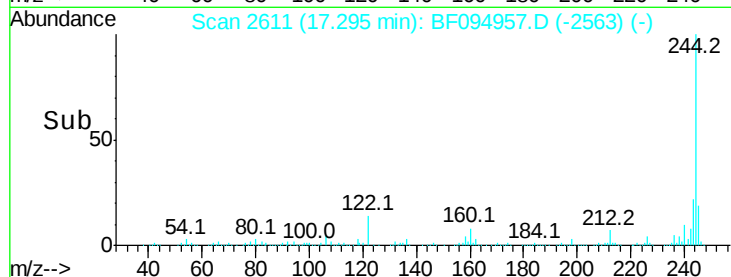
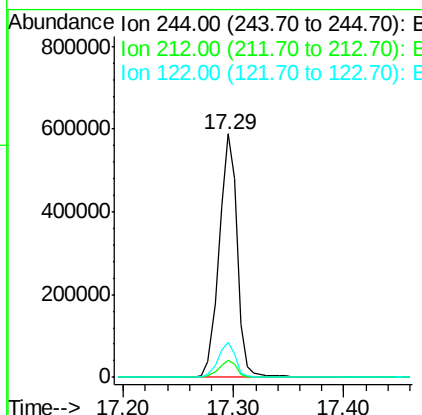
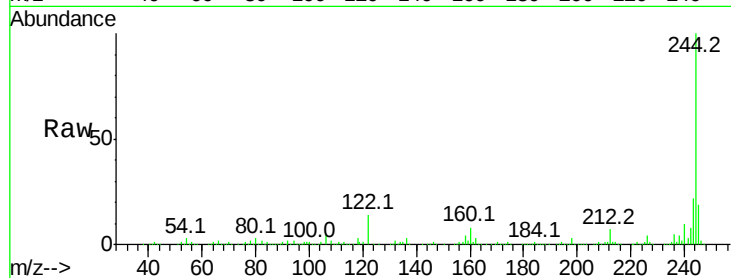




#78
 Terphenyl-d14
 Concen: 62.33 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094957.D
 Acq: 6 May 2017 12:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.0-6.5

Tot Ion:244 Resp: 670803
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.3 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: BF094957.D
 Acq: 6 May 2017 12:57

Tgt Ion:264 Resp: 175758
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 19.9 17.2 25.8

