

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095220.D
 Acq On : 18 May 2017 11:52
 Operator : SJ/MA
 Sample : I3192-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 051617-06

Quant Time: May 18 13:02:22 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

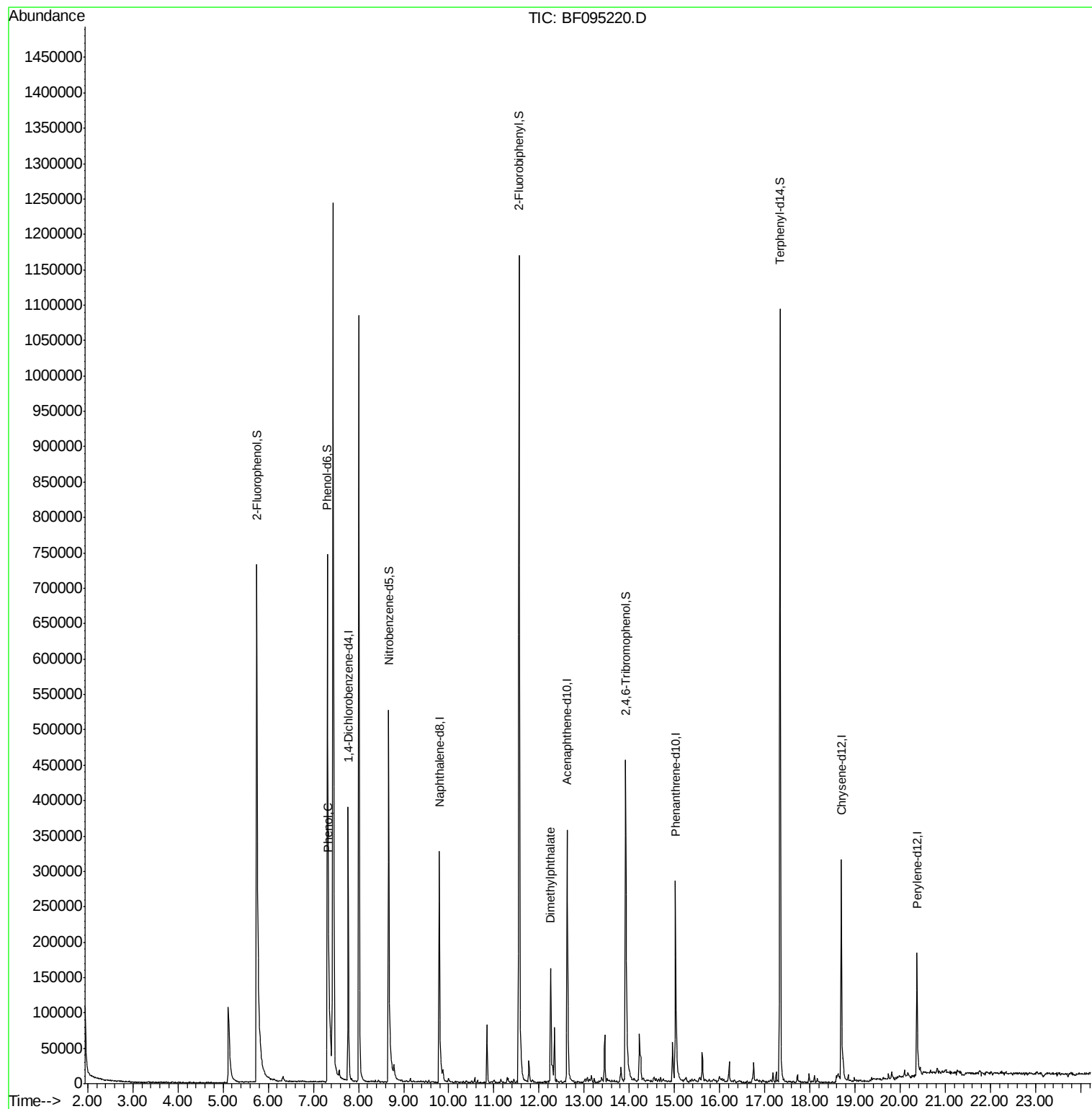
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	84633	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	276404	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	120985	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	193632	20.00	ng	0.04
75) Chrysene-d12	18.69	240	170202	20.00	ng	0.04
86) Perylene-d12	20.37	264	107428	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	543046	106.98	ng	0.06
7) Phenol-d6	7.31	99	600799	98.64	ng	0.04
23) Nitrobenzene-d5	8.67	82	327107	74.63	ng	0.03
41) 2,4,6-Tribromophenol	13.92	330	96412	97.30	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	612971	72.92	ng	0.03
78) Terphenyl-d14	17.34	244	451230	58.39	ng	0.03
Target Compounds						
10) Phenol	7.34	94	30966	4.82	ng	80
49) Dimethylphthalate	12.25	163	144188	14.52	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 992

Delta R.T. 0.04 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

Instrument :

BNA_F

ClientSampleId :

051617-06

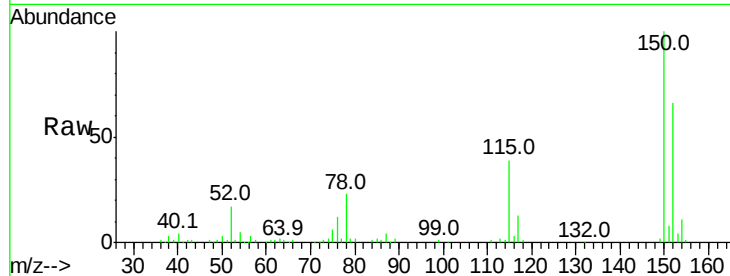
Tot Ion:152 Resp: 84633

Ion Ratio Lower Upper

152 100

150 152.4 126.2 189.2

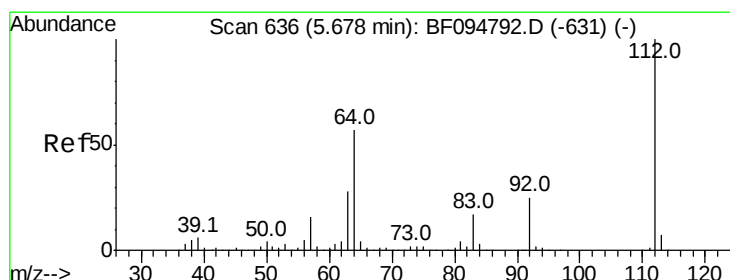
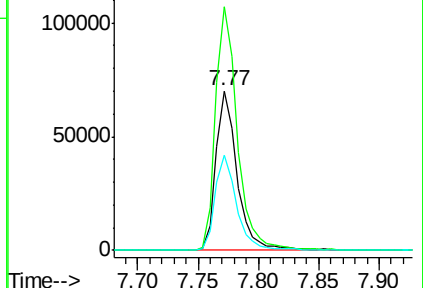
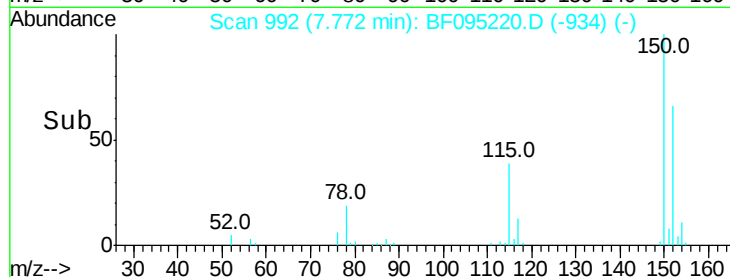
115 59.3 52.2 78.2



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: 106.98 ng

RT: 5.74 min Scan# 647

Delta R.T. 0.06 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

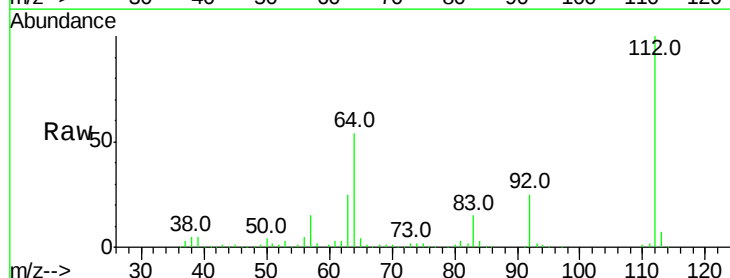
Tgt Ion:112 Resp: 543046

Ion Ratio Lower Upper

112 100

64 53.7 46.0 69.0

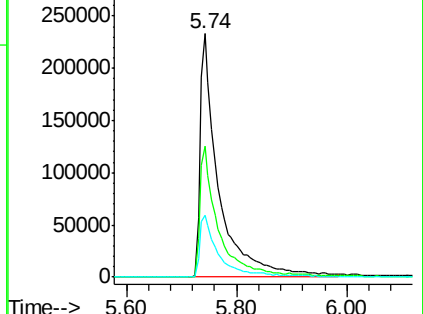
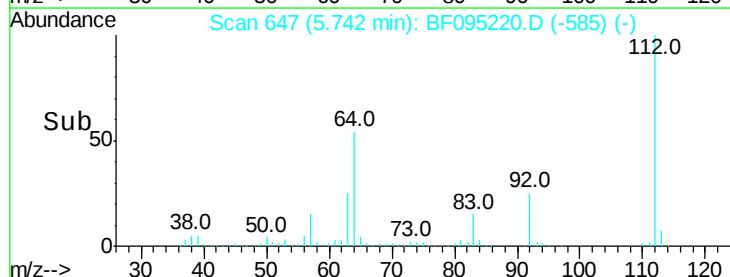
63 25.2 23.4 35.0



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: 98.64 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.04 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

Instrument :

BNA_F

ClientSampleId :

051617-06

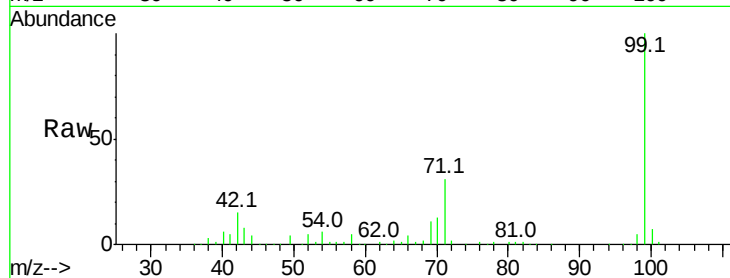
Tot Ion: 99 Resp: 600799

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

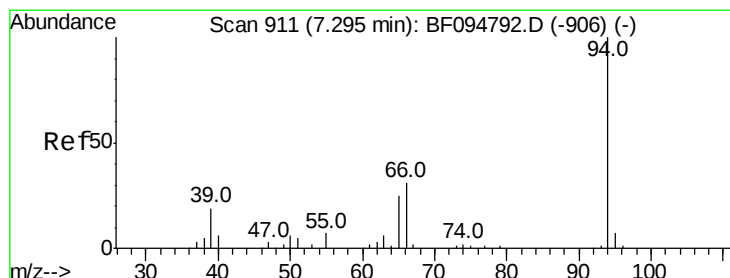
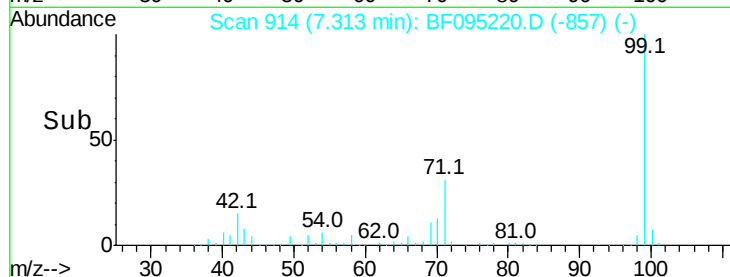
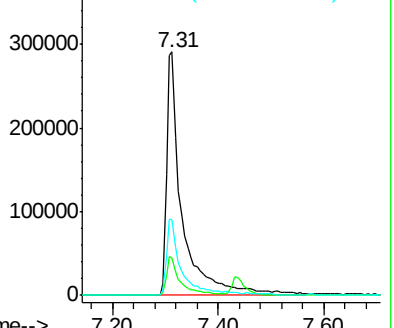
71 31.1 24.5 36.7



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: 4.82 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

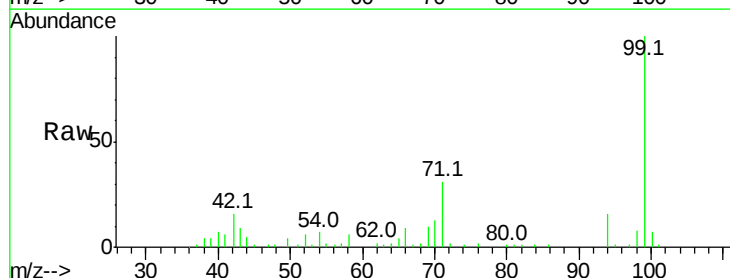
Tgt Ion: 94 Resp: 30966

Ion Ratio Lower Upper

94 100

65 22.5 9.9 49.9

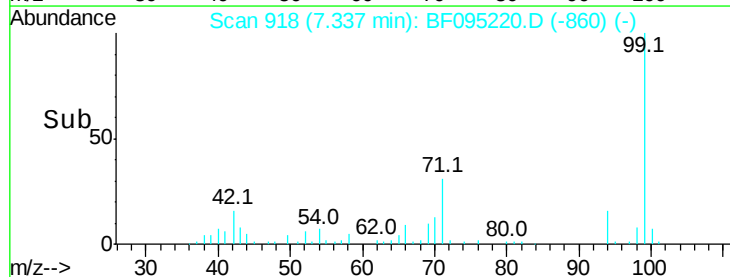
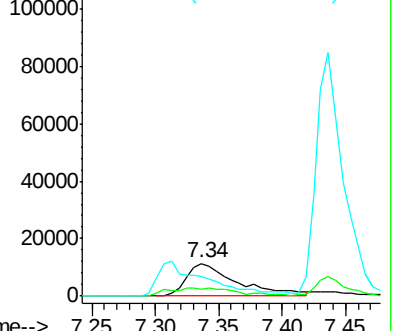
66 58.5 23.1 63.1



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: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

Instrument :

BNA_F

ClientSampleId :

051617-06

Tot Ion:136 Resp: 276404

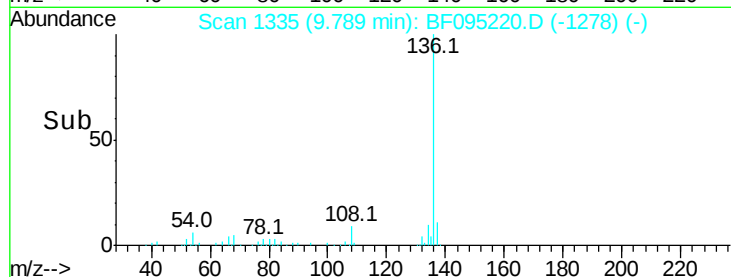
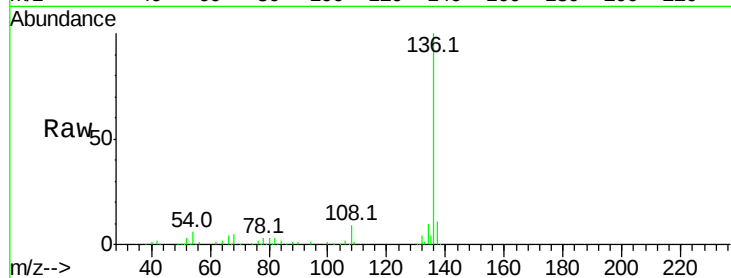
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.5 4.9 7.3

68 5.0 4.1 6.1

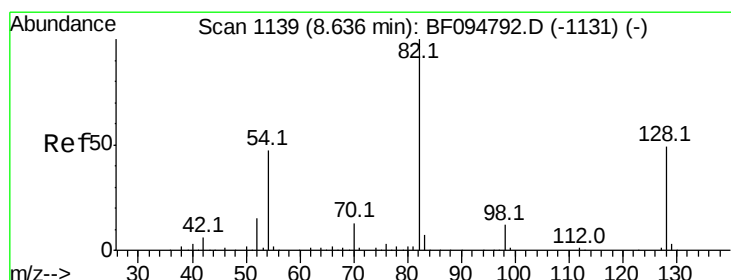
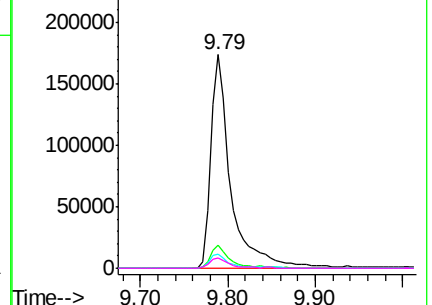


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.63 ng

RT: 8.67 min Scan# 1144

Delta R.T. 0.03 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

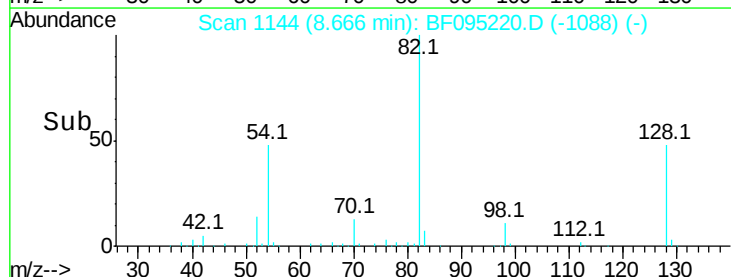
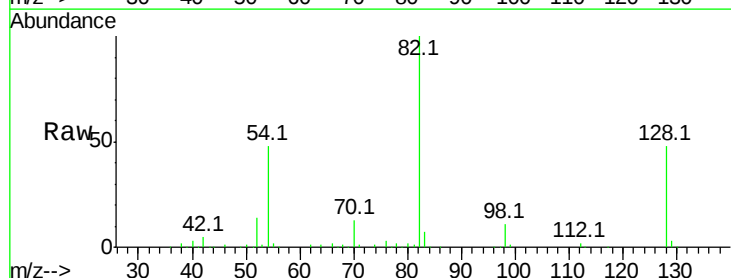
Tgt Ion: 82 Resp: 327107

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

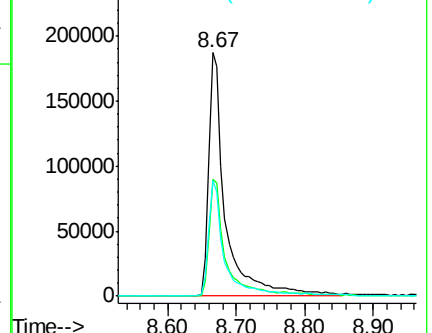
54 47.7 42.2 63.2



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: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

Instrument :

BNA_F

ClientSampleId :

051617-06

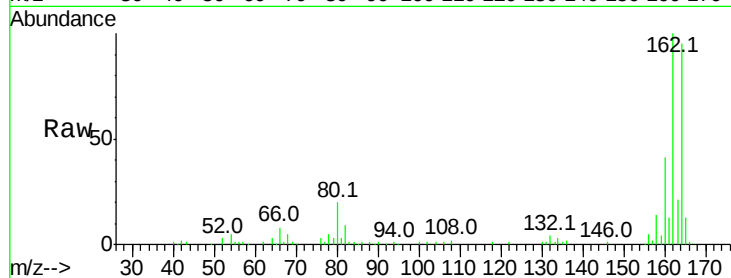
Tot Ion:164 Resp: 120985

Ion Ratio Lower Upper

164 100

162 105.5 82.6 123.8

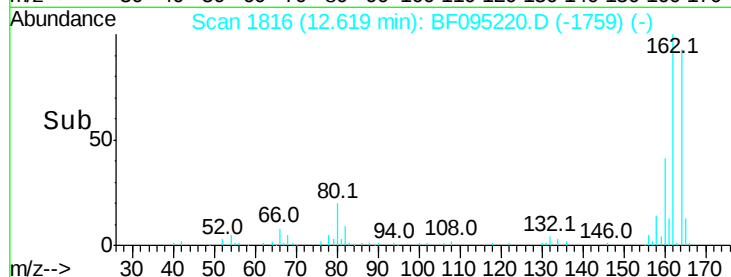
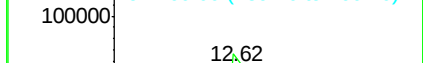
160 43.3 36.2 54.2



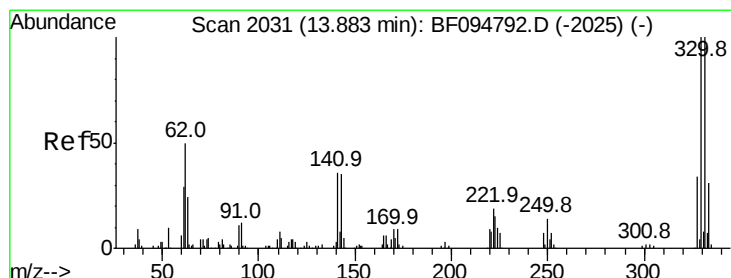
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 97.30 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.04 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

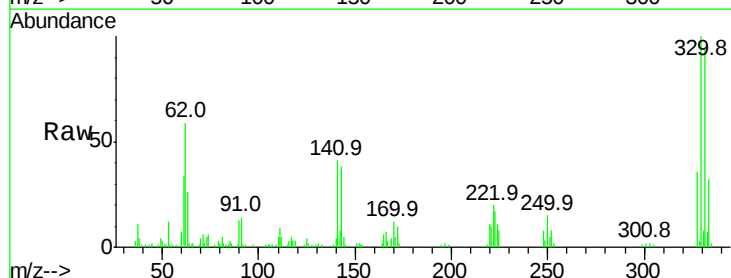
Tgt Ion:330 Resp: 96412

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

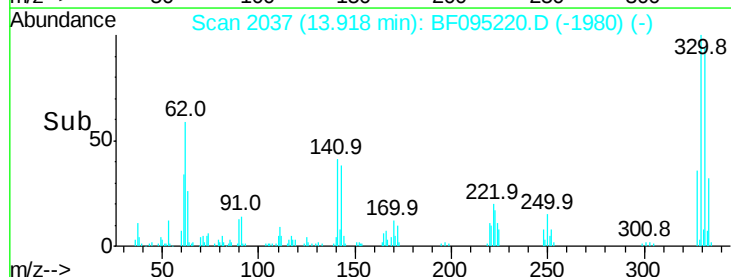
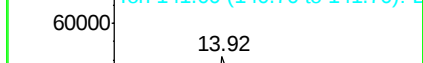
141 42.8 31.4 47.2



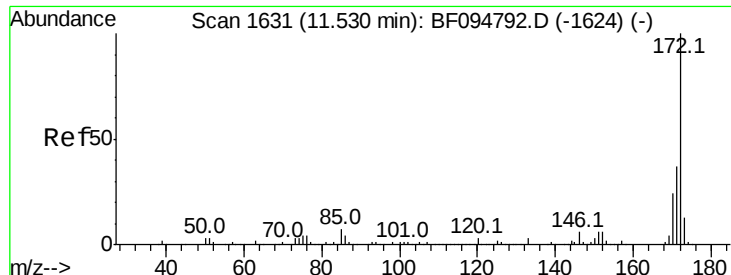
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



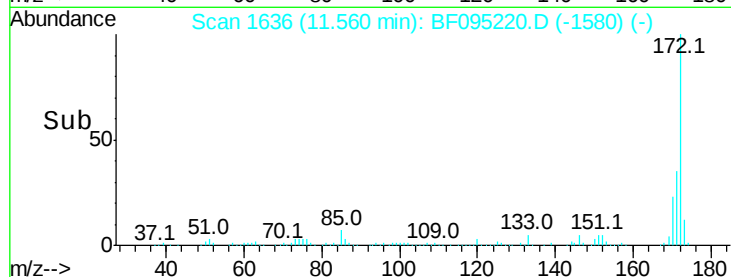
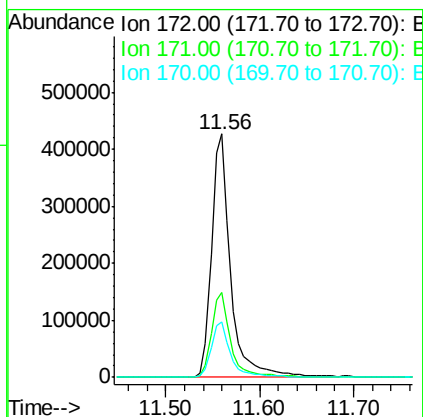
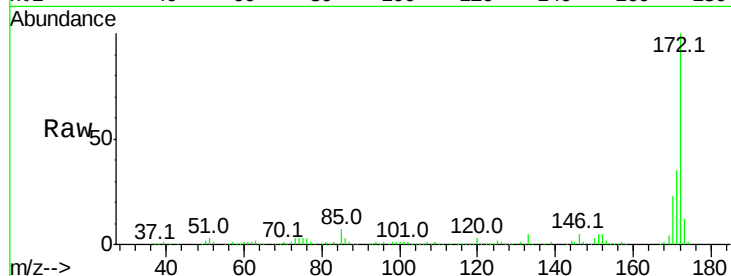
Time-->



#44
2-Fluorobiphenyl
Concen: 72.92 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.03 min
Lab File: BF095220.D
Acq: 18 May 2017 11:52

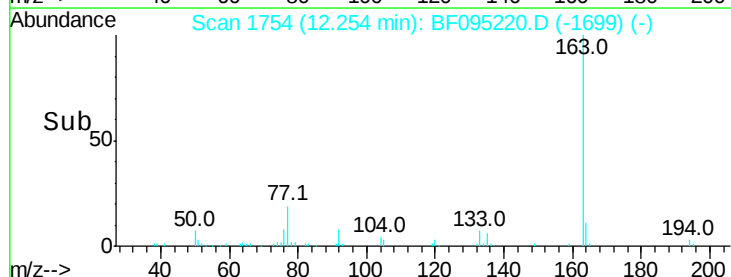
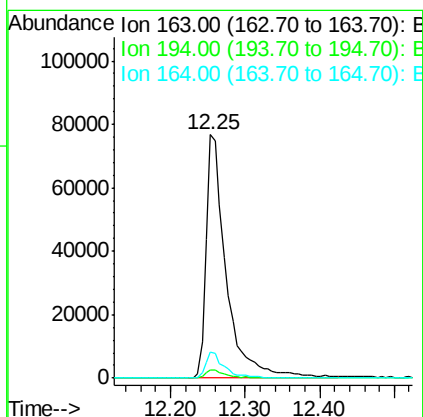
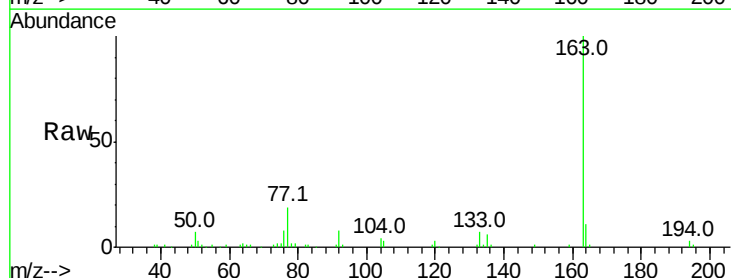
Instrument :
BNA_F
ClientSampleId :
051617-06

Tot Ion:172 Resp: 612971
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 22.6 19.8 29.8



#49
Dimethylphthalate
Concen: 14.52 ng
RT: 12.25 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BF095220.D
Acq: 18 May 2017 11:52

Tgt Ion:163 Resp: 144188
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.5 8.4 12.6

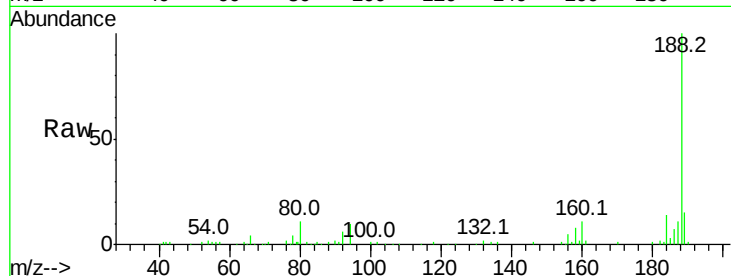




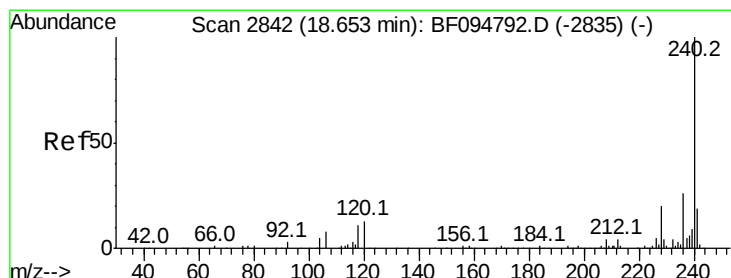
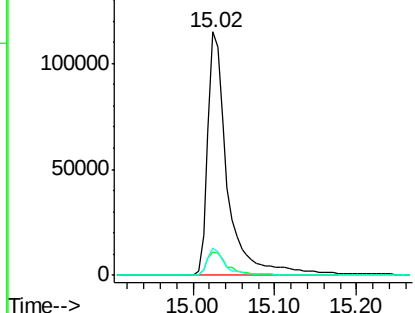
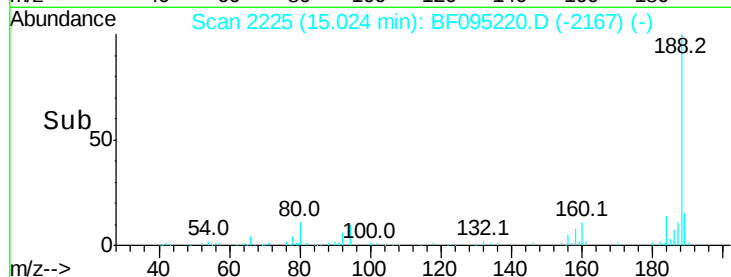
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095220.D
 Acq: 18 May 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 051617-06

Tot Ion:188 Resp: 193632
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.2
 80 11.1 10.2 15.2

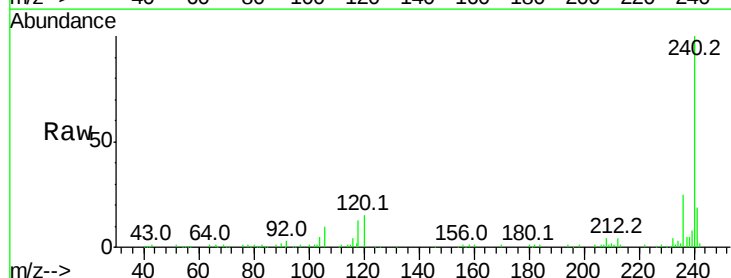


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

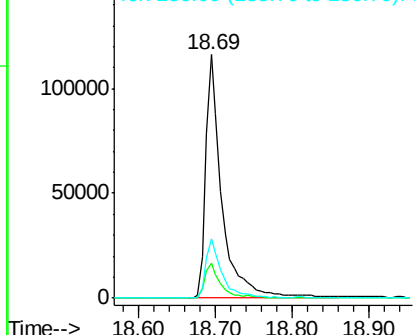
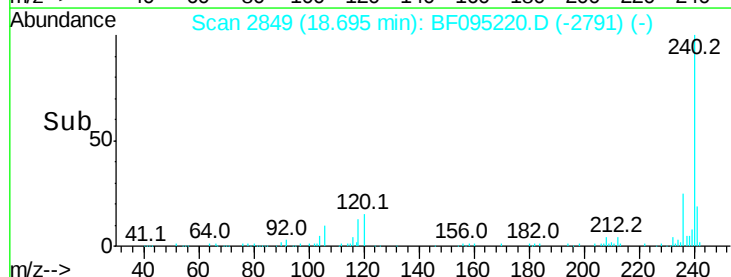


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095220.D
 Acq: 18 May 2017 11:52

Tgt Ion:240 Resp: 170202
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 24.6 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: 58.39 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

Instrument :

BNA_F

ClientSampleId :

051617-06

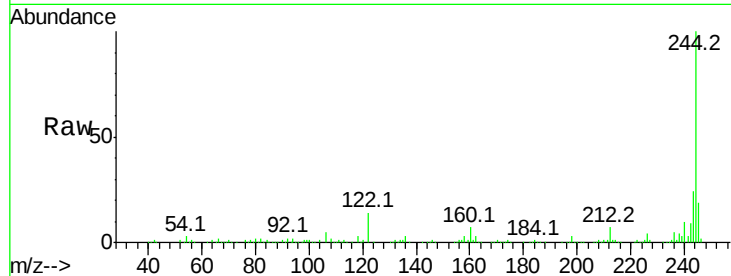
Tot Ion:244 Resp: 451230

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

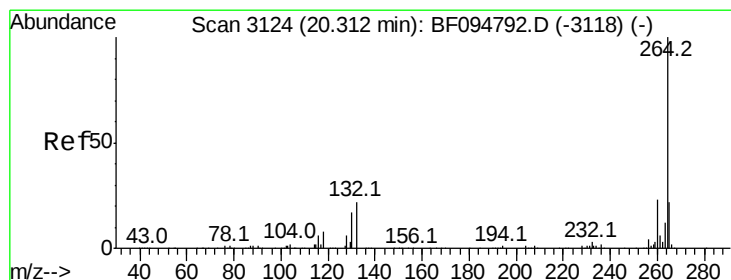
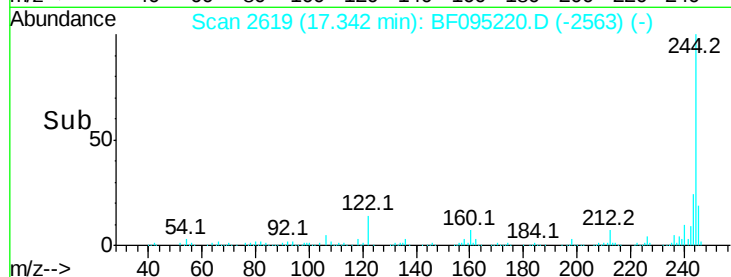
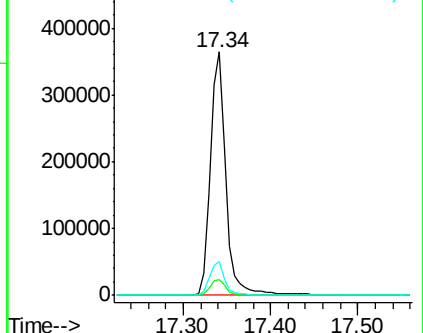
122 14.0 10.3 15.5



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: 20.37 min Scan# 3134

Delta R.T. 0.06 min

Lab File: BF095220.D

Acq: 18 May 2017 11:52

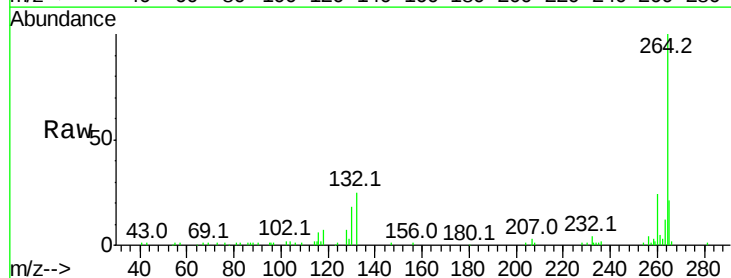
Tgt Ion:264 Resp: 107428

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.3 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

