

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095314.D
 Acq On : 22 May 2017 15:14
 Operator : SJ/MA
 Sample : I3210-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Quant Time: May 23 02:47:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

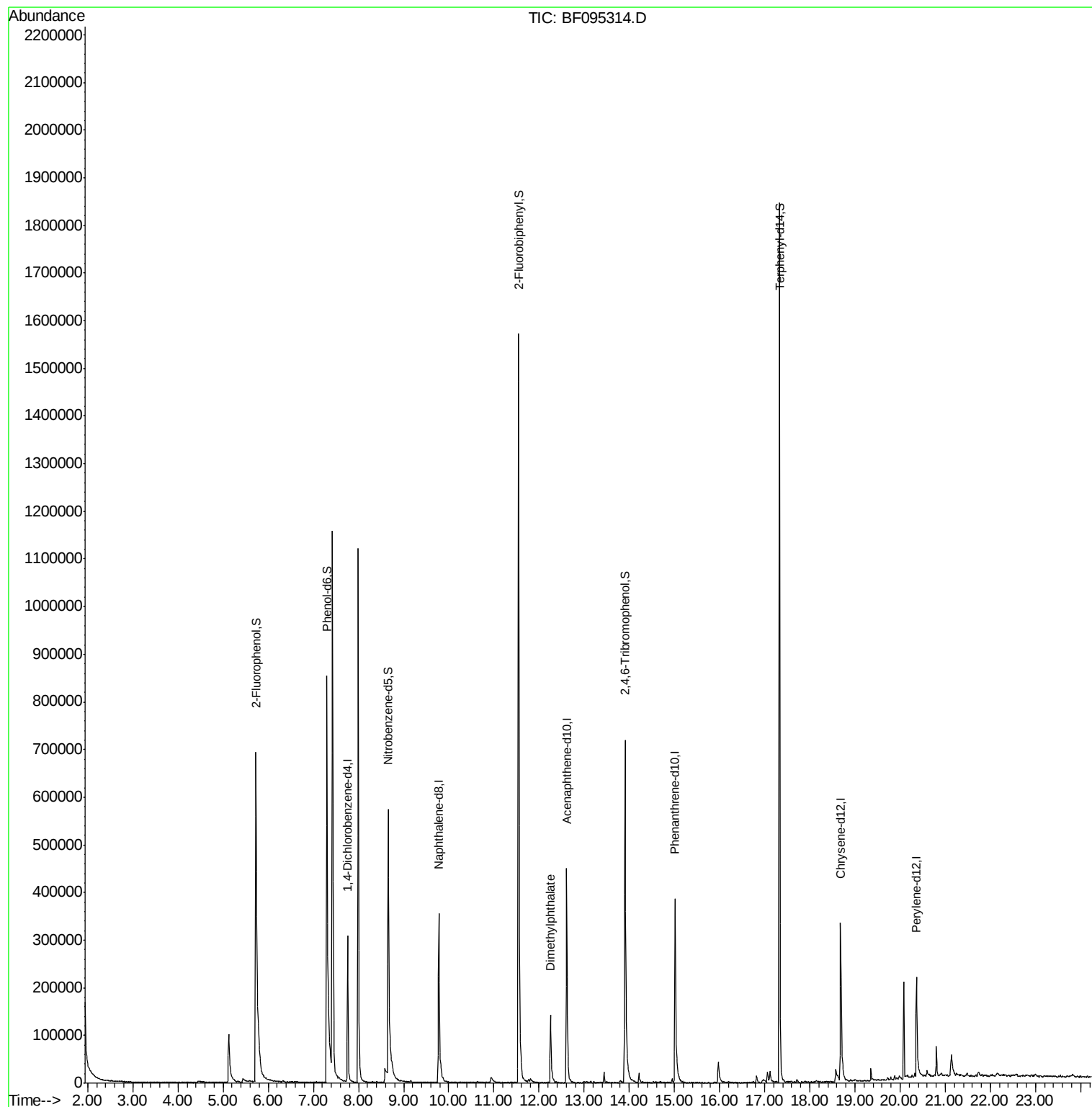
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	72743	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	335088	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	160936	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	299041	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	216071	20.00	ng	-0.01
86) Perylene-d12	20.36	264	151897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	525668	120.48	ng	-0.01
7) Phenol-d6	7.30	99	682362	130.34	ng	-0.02
23) Nitrobenzene-d5	8.66	82	410658	77.28	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	168036	127.49	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	885644	79.21	ng	-0.01
78) Terphenyl-d14	17.33	244	746900	76.14	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.25	163	125729	9.52	ng	Qvalue 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095314.D

Acq: 22 May 2017 15:14

Instrument :

BNA_F

ClientSampled :

SS-1

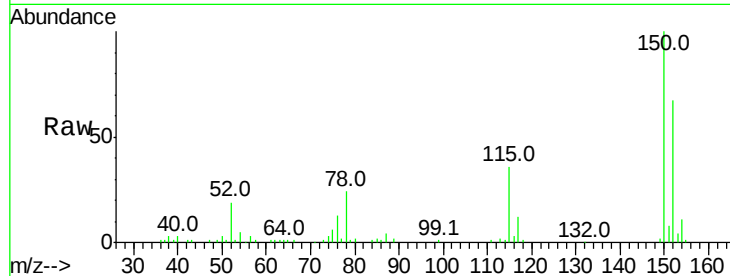
Tot Ion:152 Resp: 72743

Ion Ratio Lower Upper

152 100

150 149.5 126.2 189.2

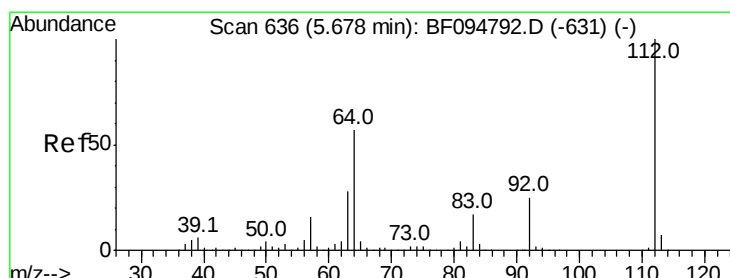
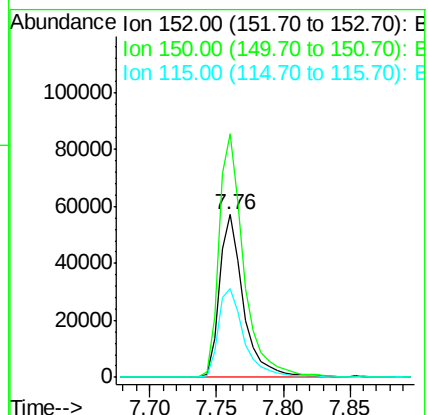
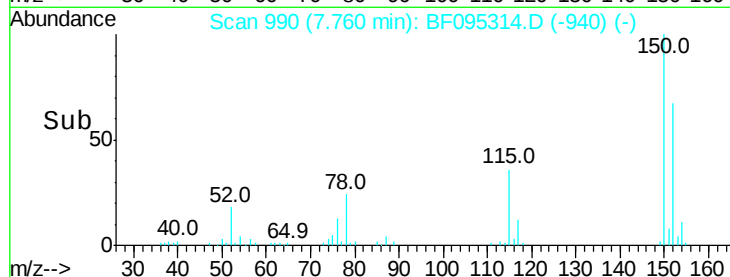
115 54.2 52.2 78.2



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: 120.48 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095314.D

Acq: 22 May 2017 15:14

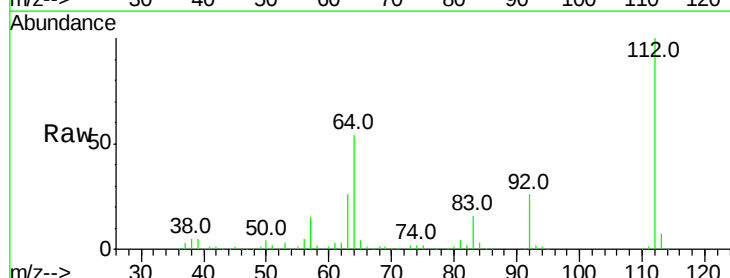
Tgt Ion:112 Resp: 525668

Ion Ratio Lower Upper

112 100

64 53.9 46.0 69.0

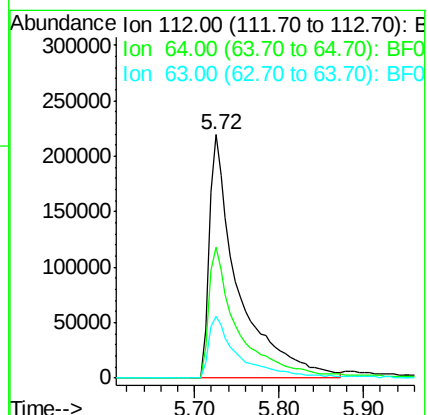
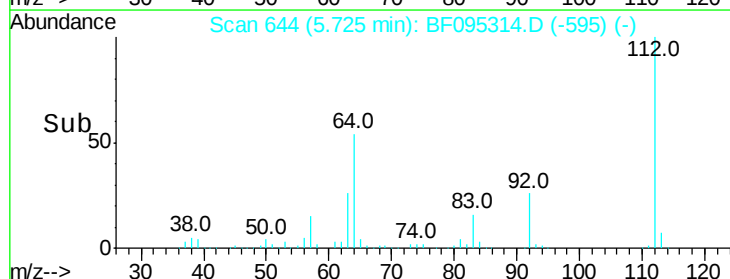
63 25.6 23.4 35.0



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: 130.34 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095314.D

Acq: 22 May 2017 15:14

Instrument :

BNA_F

ClientSampled :

SS-1

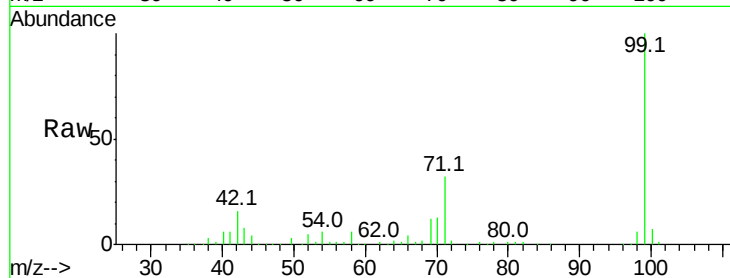
Tot Ion: 99 Resp: 682362

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

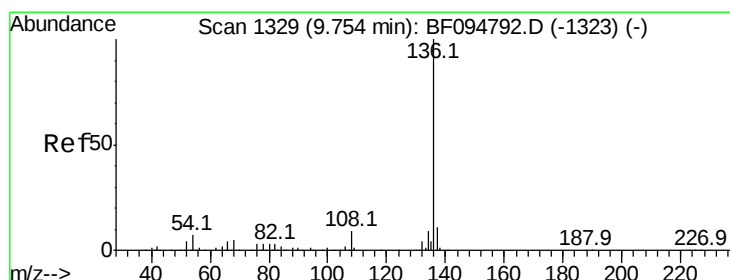
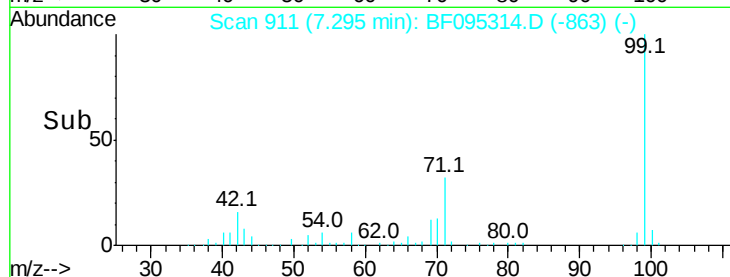
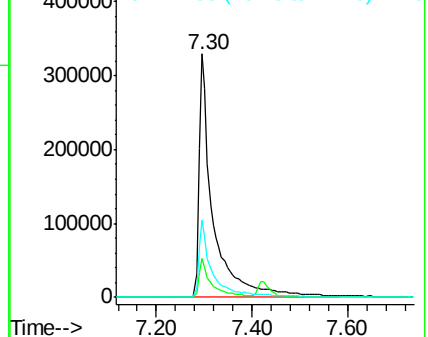
71 31.8 24.5 36.7



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: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095314.D

Acq: 22 May 2017 15:14

Tgt Ion: 136 Resp: 335088

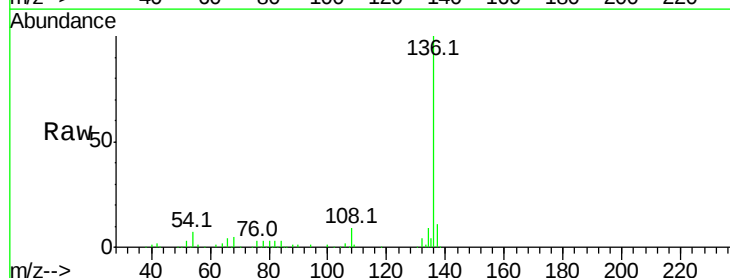
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.2 4.9 7.3

68 5.4 4.1 6.1

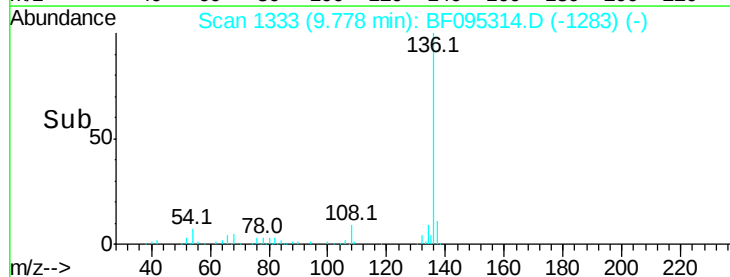
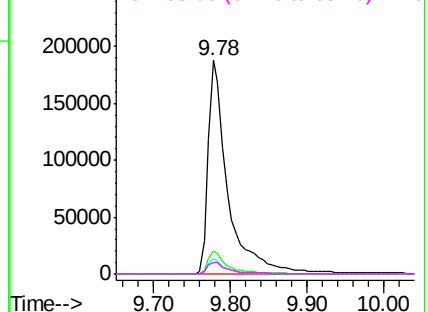


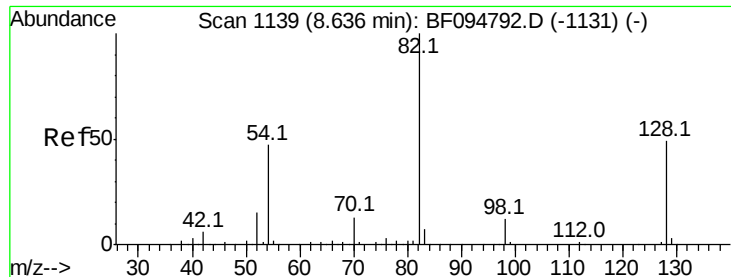
Abundance Ion 136.00 (135.70 to 136.70): E

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

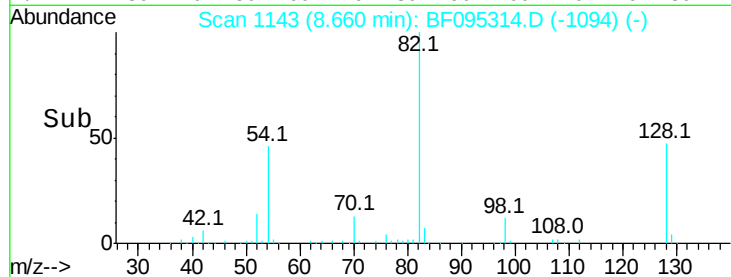
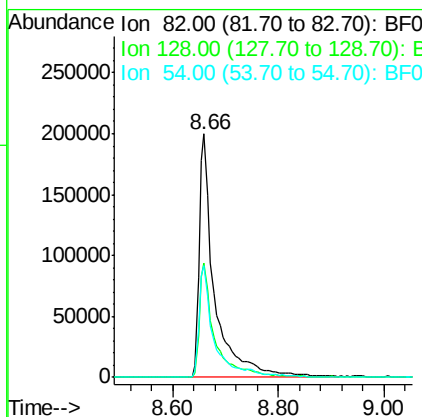
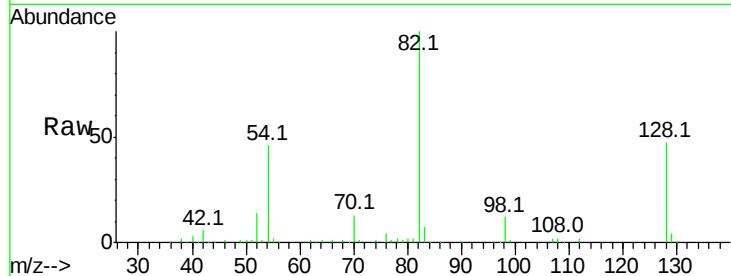




#23
 Nitrobenzene-d5
 Concen: 77.28 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095314.D
 Acq: 22 May 2017 15:14

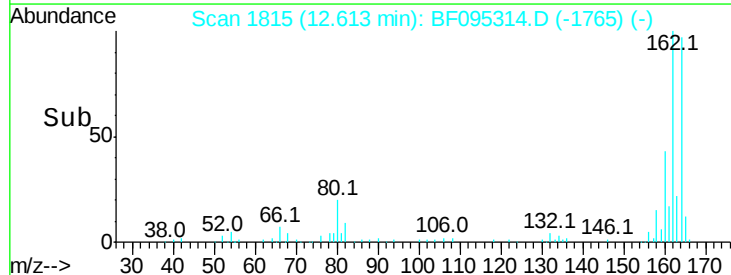
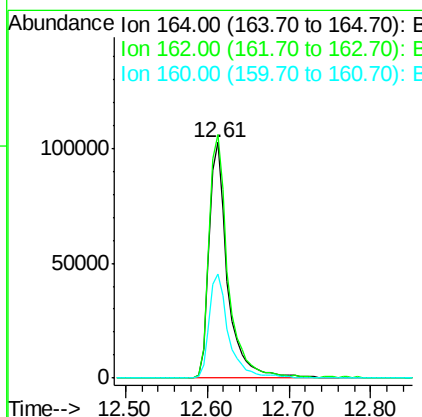
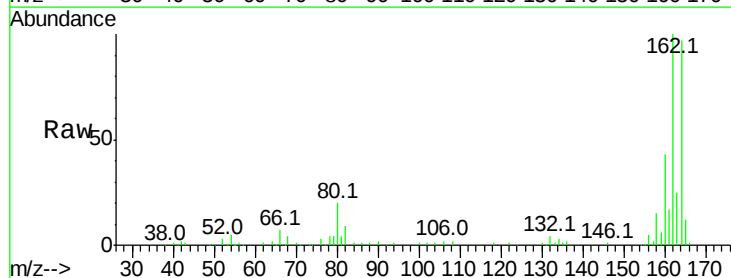
Instrument :
 BNA_F
 ClientSampled :
 SS-1

Tot Ion: 82 Resp: 410658
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 46.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095314.D
 Acq: 22 May 2017 15:14

Tgt Ion:164 Resp: 160936
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 44.2 36.2 54.2

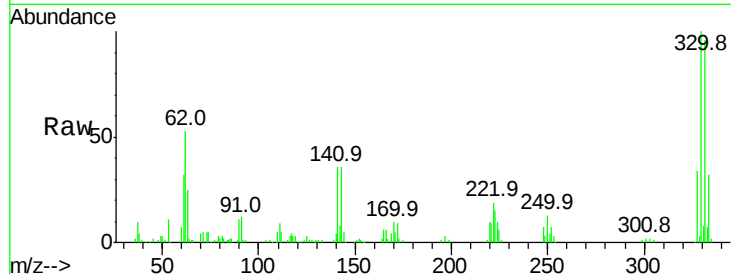




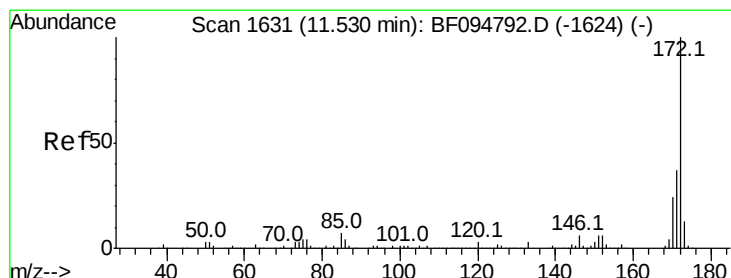
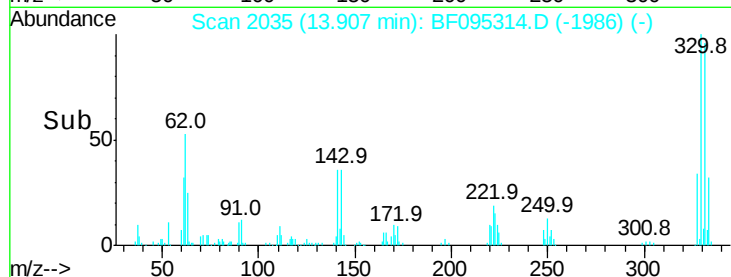
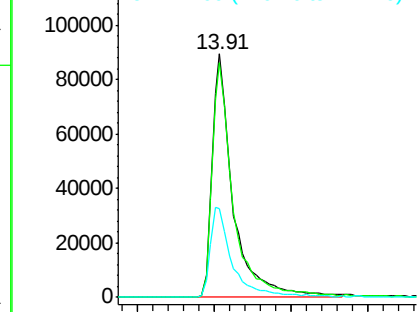
#41
 2,4,6-Tribromophenol
 Concen: 127.49 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095314.D
 Acq: 22 May 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	39.6	31.4	47.2

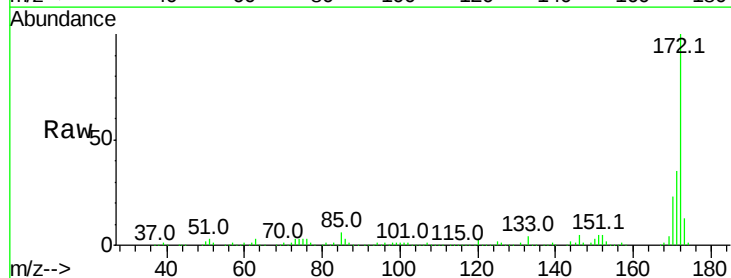


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

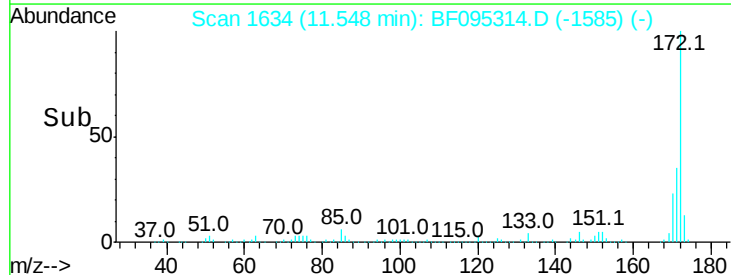
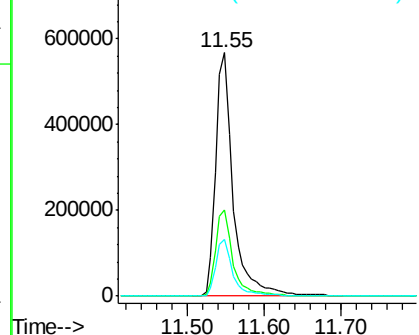


#44
 2-Fluorobiphenyl
 Concen: 79.21 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095314.D
 Acq: 22 May 2017 15:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.1	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.52 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095314.D

Acq: 22 May 2017 15:14

Instrument :

BNA_F

ClientSampleId :

SS-1

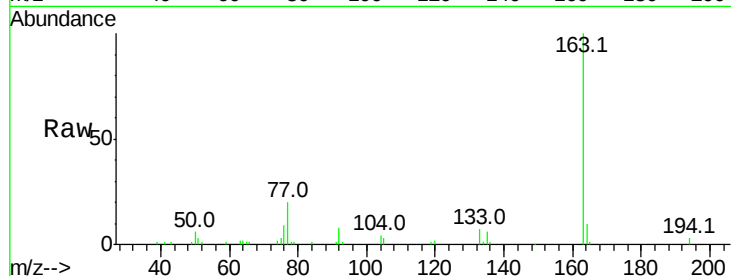
Tot Ion:163 Resp: 125729

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

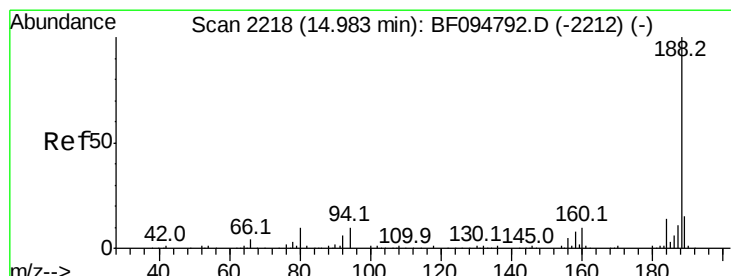
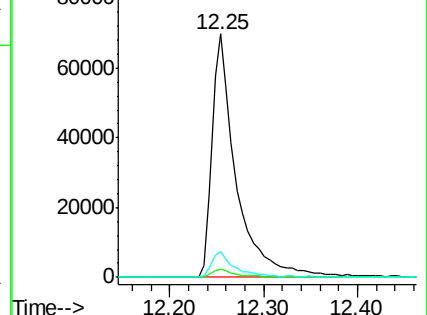
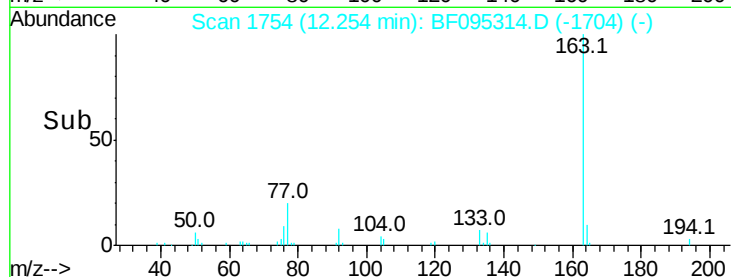
164 10.5 8.4 12.6



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: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095314.D

Acq: 22 May 2017 15:14

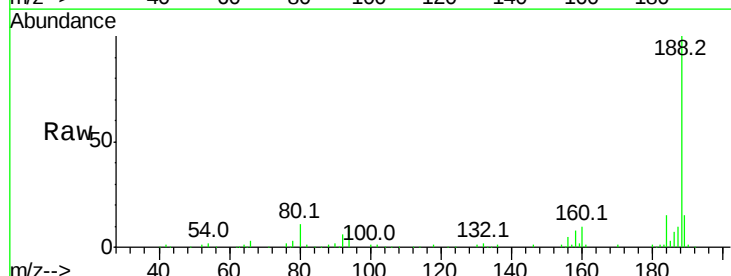
Tgt Ion:188 Resp: 299041

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

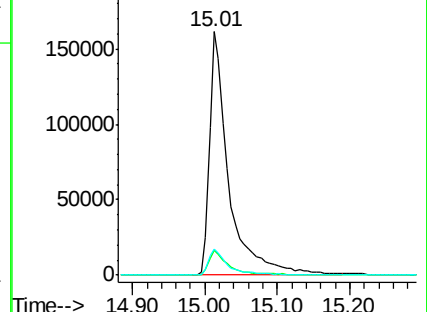
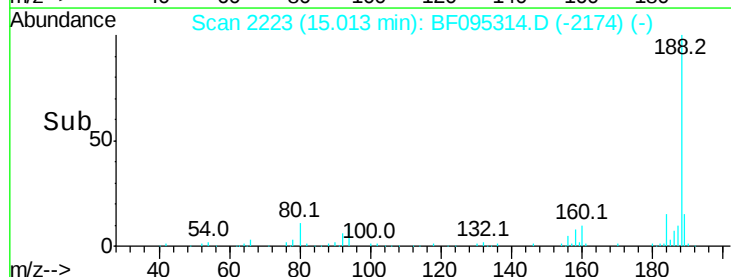
80 10.8 10.2 15.2



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: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095314.D

Acq: 22 May 2017 15:14

Instrument :

BNA_F

ClientSampleId :

SS-1

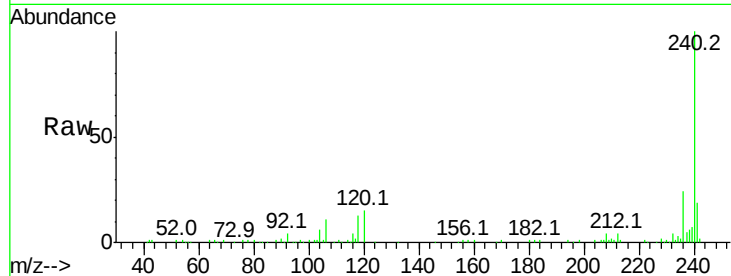
Tot Ion:240 Resp: 216071

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

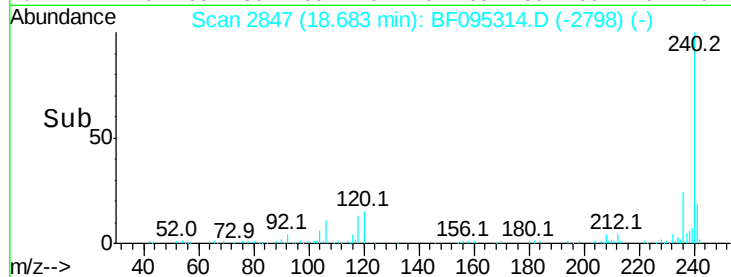
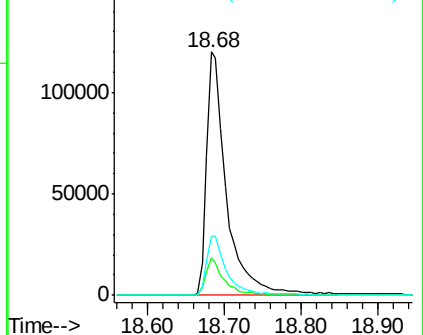
236 24.5 20.5 30.7



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: 76.14 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095314.D

Acq: 22 May 2017 15:14

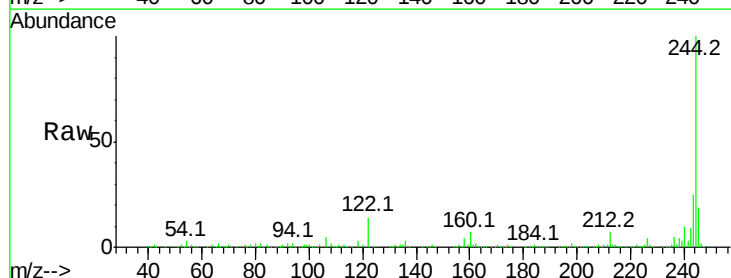
Tgt Ion:244 Resp: 746900

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

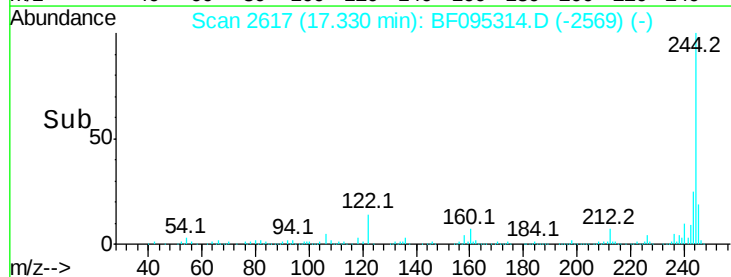
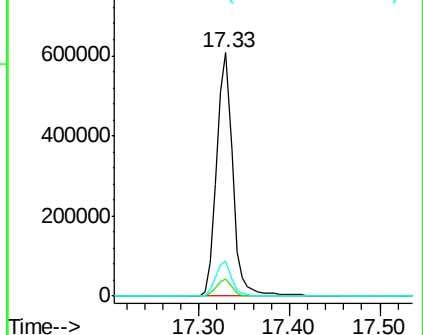
122 14.2 10.3 15.5

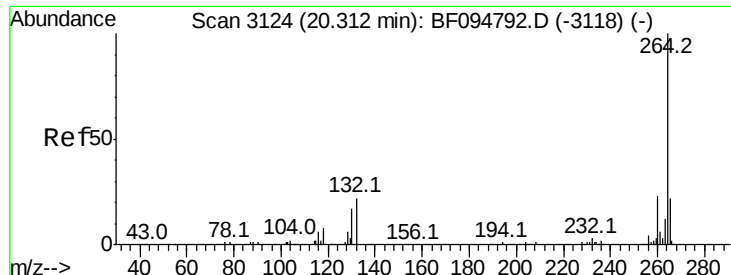


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095314.D
Acq: 22 May 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SS-1

Tot Ion: 264 Resp: 151897

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.4	17.2	25.8

