

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096072.D
 Acq On : 21 Jun 2017 7:49
 Operator : SJ/MA
 Sample : I3722-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C4-B

Quant Time: Jun 21 08:27:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

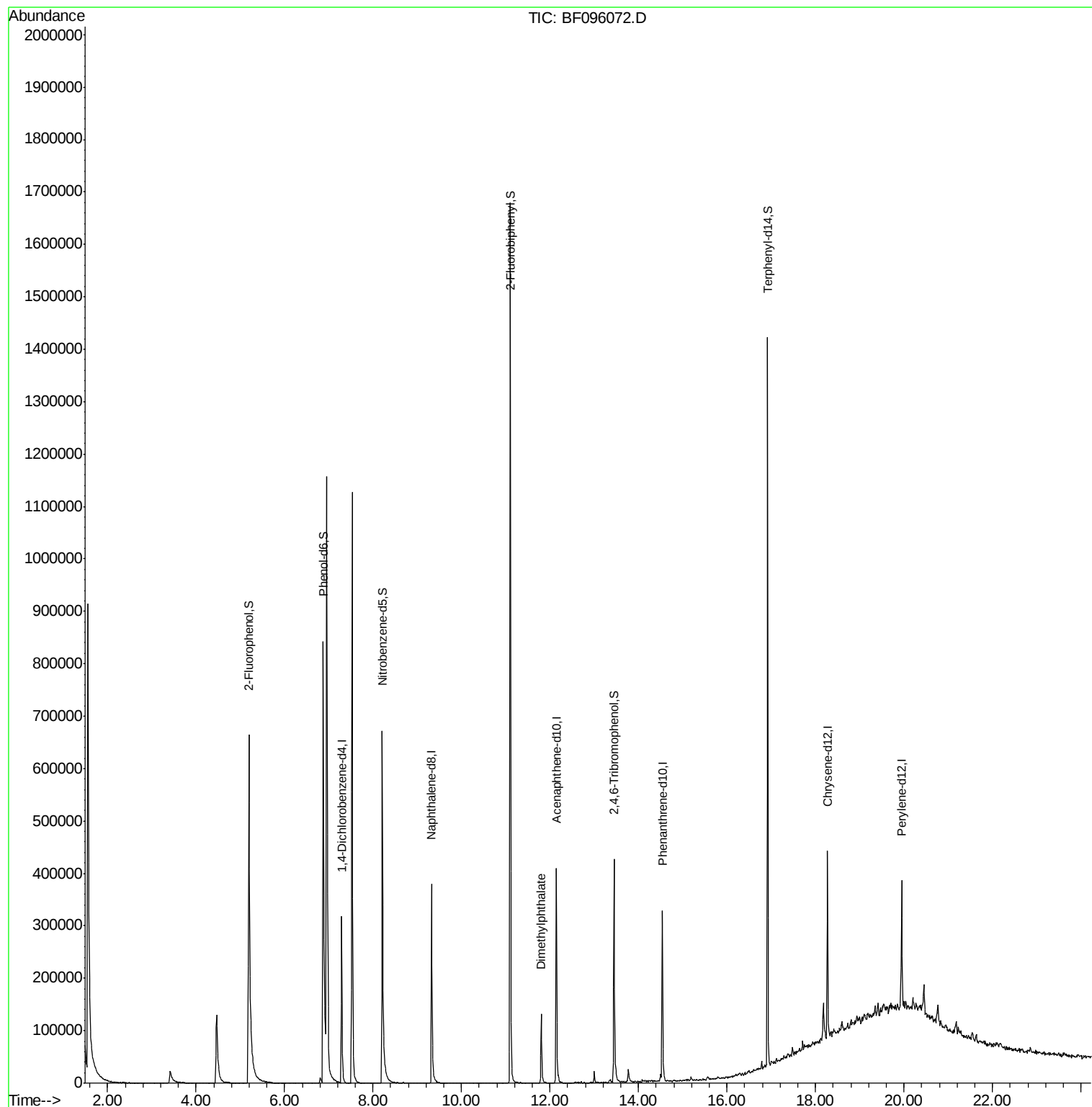
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	81487	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	312071	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	123275	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	195096	20.00	ng	0.00
75) Chrysene-d12	18.27	240	147366	20.00	ng	0.00
86) Perylene-d12	19.94	264	102608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	519637	101.61	ng	0.01
7) Phenol-d6	6.87	99	694465	113.43	ng	0.00
23) Nitrobenzene-d5	8.21	82	405923	80.78	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	82741	75.86	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	779289	87.97	ng	0.00
78) Terphenyl-d14	16.92	244	526471	88.66	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.80	163	96795	10.34	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF096072.D

Acq: 21 Jun 2017 7:49

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BNA_F

ClientSampleId :

C4-B

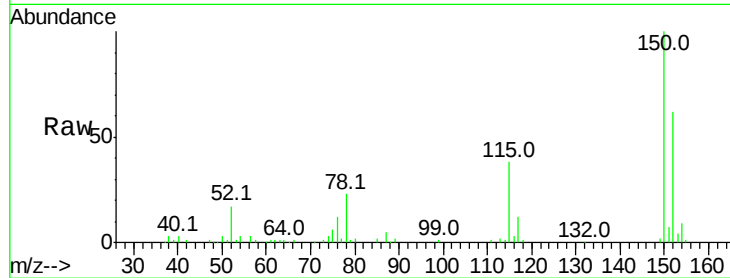
Tot Ion:152 Resp: 81487

Ion Ratio Lower Upper

152 100

150 160.2 126.2 189.2

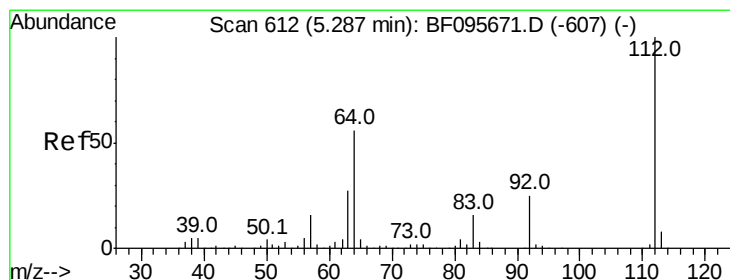
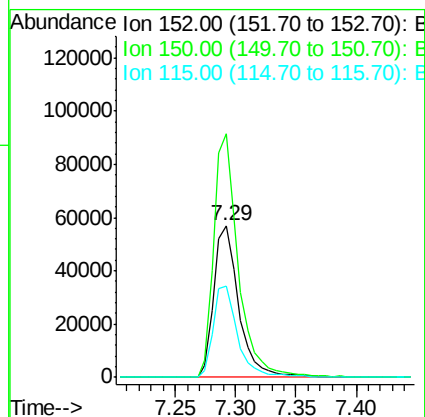
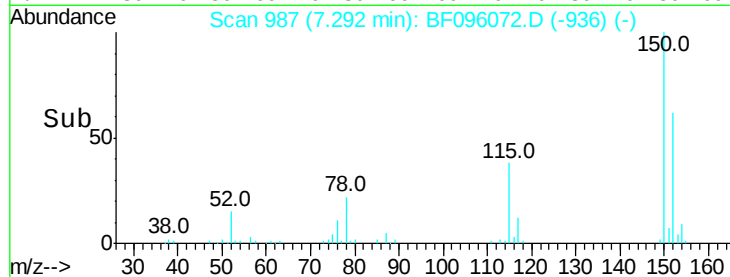
115 60.3 52.2 78.2



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: 101.61 ng

RT: 5.19 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF096072.D

Acq: 21 Jun 2017 7:49

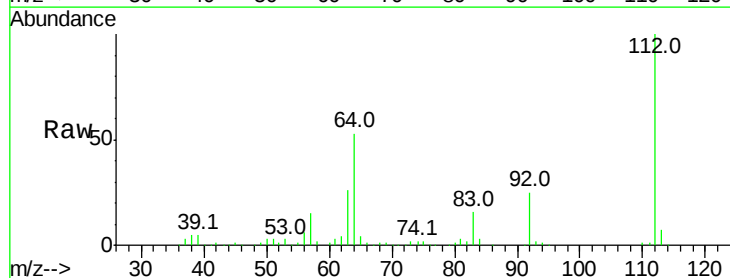
Tgt Ion:112 Resp: 519637

Ion Ratio Lower Upper

112 100

64 53.4 46.0 69.0

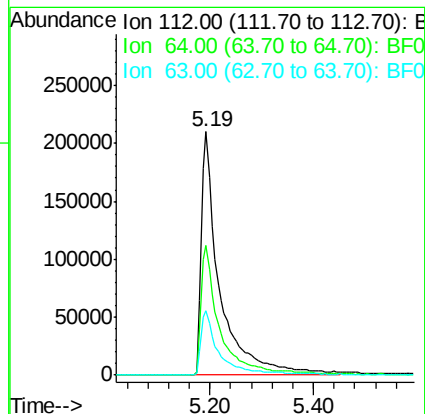
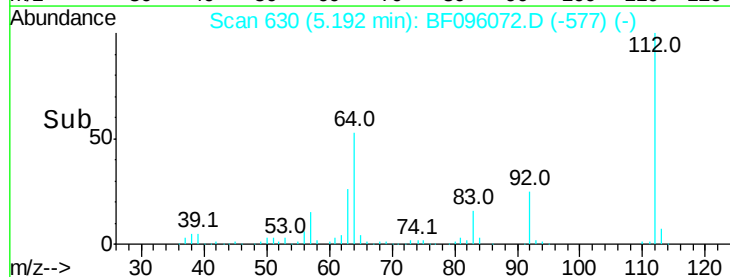
63 26.3 23.4 35.0



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: 113.43 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096072.D

Acq: 21 Jun 2017 7:49

Instrument :

BNA_F

ClientSampleId :

C4-B

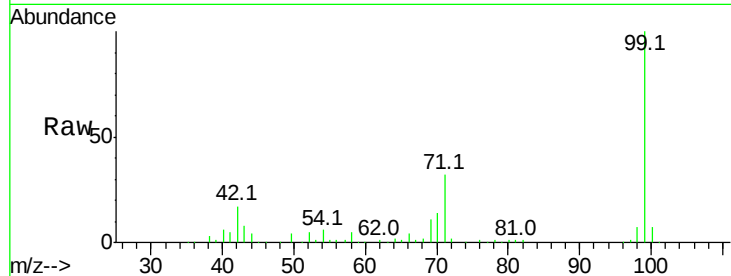
Tot Ion: 99 Resp: 694465

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

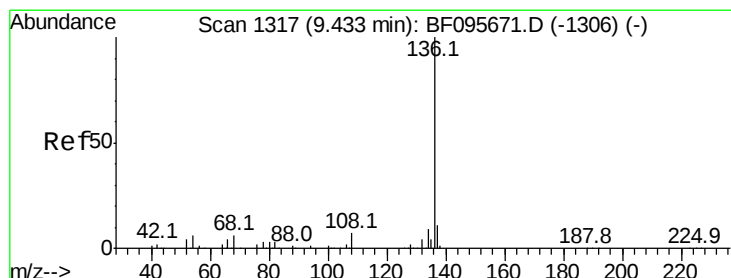
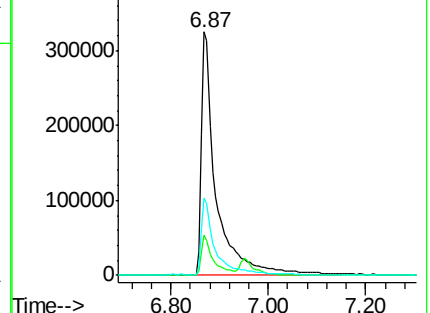
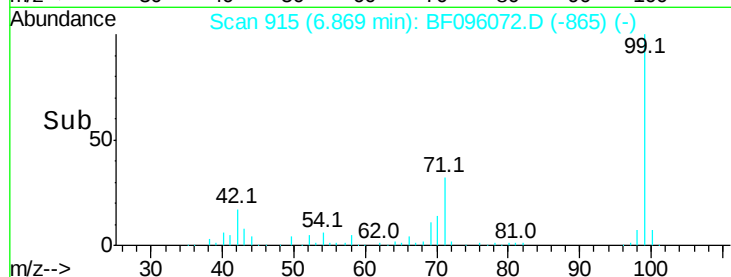
71 31.9 24.5 36.7



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: 9.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096072.D

Acq: 21 Jun 2017 7:49

Tgt Ion: 136 Resp: 312071

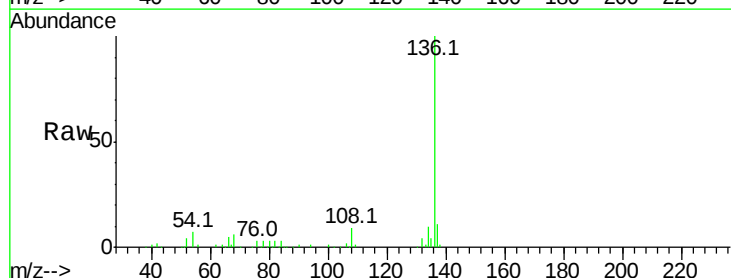
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.1 4.9 7.3

68 5.9 4.1 6.1

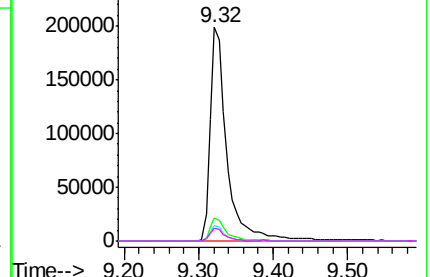
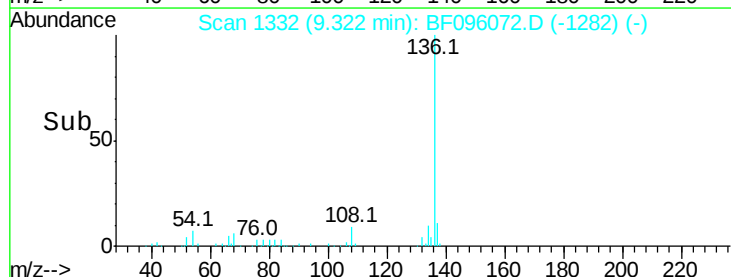


Abundance Ion 136.00 (135.70 to 136.70): E

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

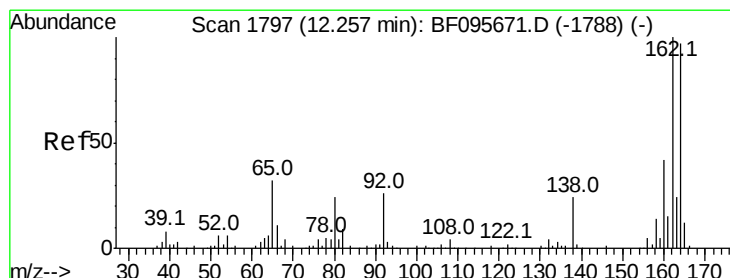
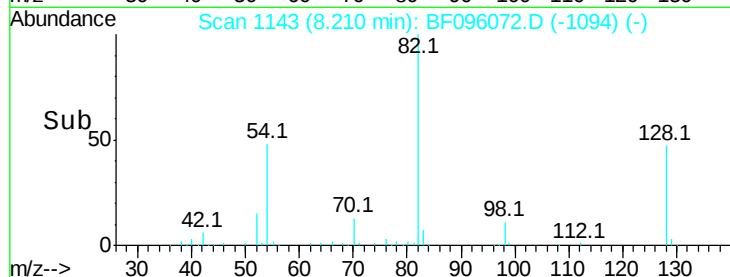
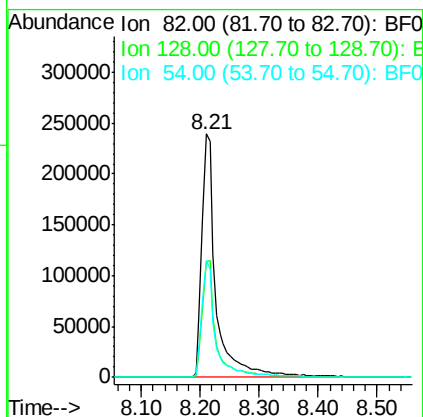
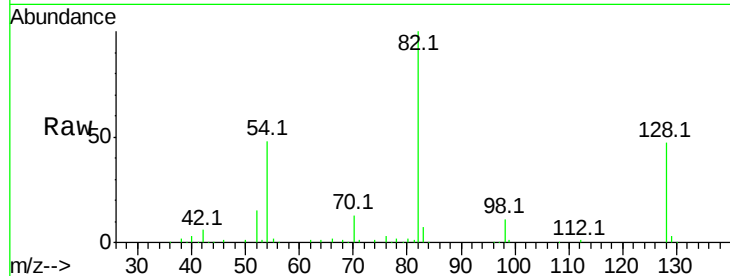




#23
 Nitrobenzene-d5
 Concen: 80.78 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096072.D
 Acq: 21 Jun 2017 7:49

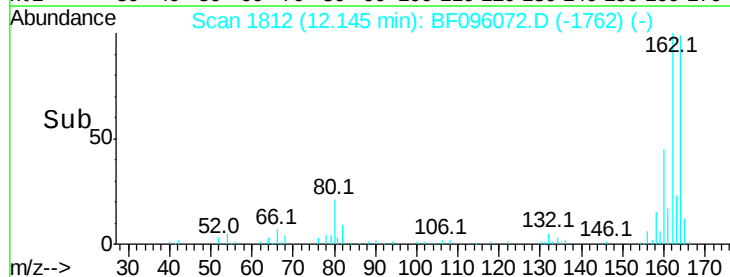
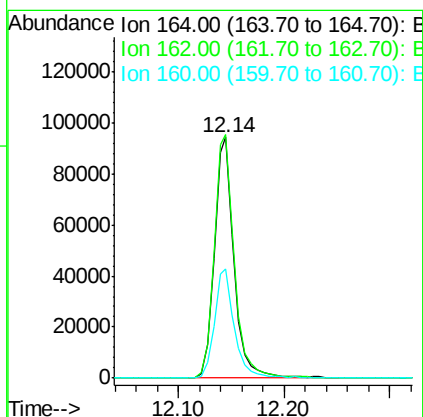
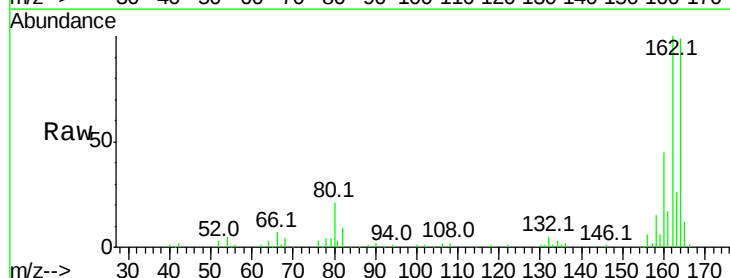
Instrument :
 BNA_F
 ClientSampleId :
 C4-B

Tot Ion: 82 Resp: 405923
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 47.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF096072.D
 Acq: 21 Jun 2017 7:49

Tgt Ion: 164 Resp: 123275
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 45.6 36.2 54.2

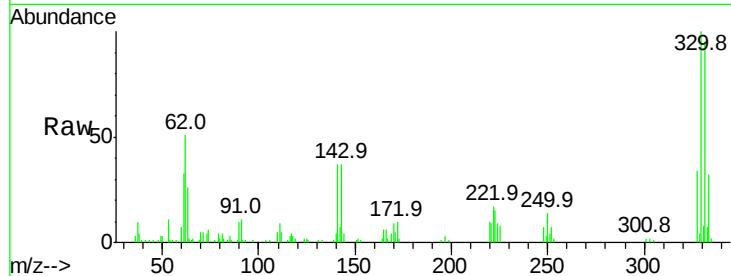




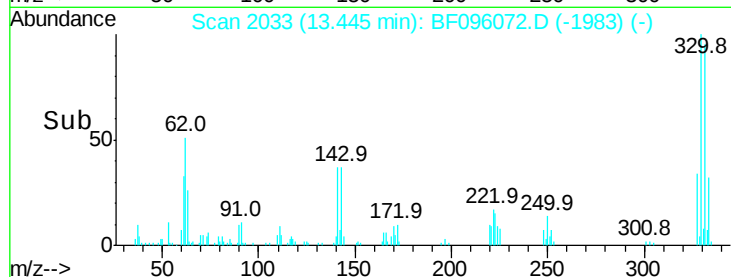
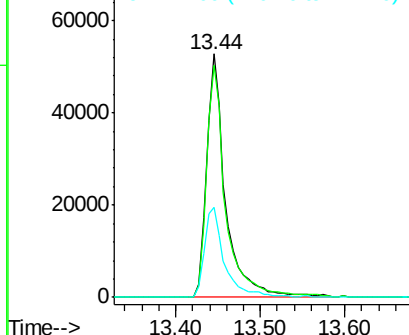
#41
 2,4,6-Tribromophenol
 Concen: 75.86 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096072.D
 Acq: 21 Jun 2017 7:49

Instrument :
 BNA_F
 ClientSampleId :
 C4-B

Tot Ion:330 Resp: 82741
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 38.5 31.4 47.2

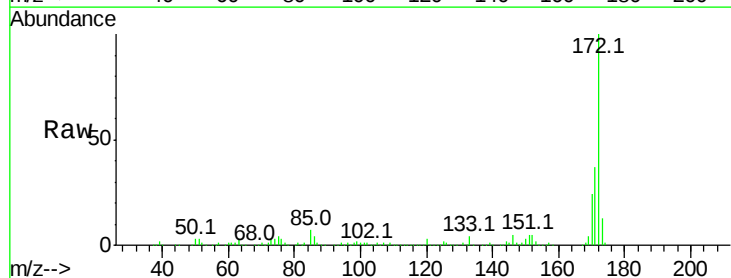


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

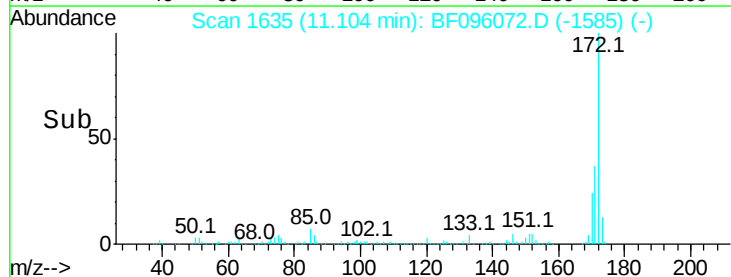
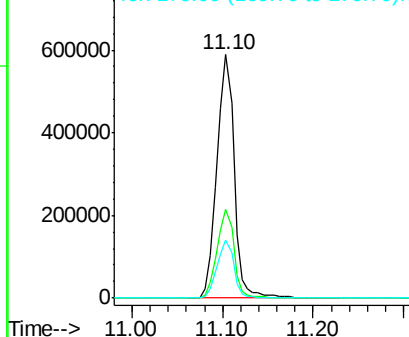


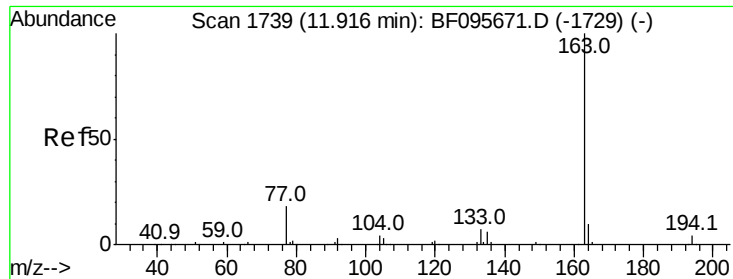
#44
 2-Fluorobiphenyl
 Concen: 87.97 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096072.D
 Acq: 21 Jun 2017 7:49

Tgt Ion:172 Resp: 779289
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.6 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: 10.34 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096072.D

Acq: 21 Jun 2017 7:49

Instrument :

BNA_F

ClientSampleId :

C4-B

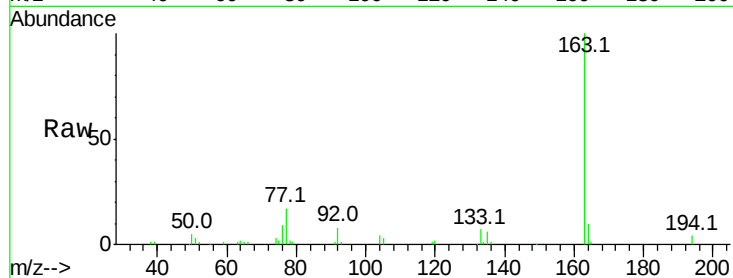
Tot Ion:163 Resp: 96795

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

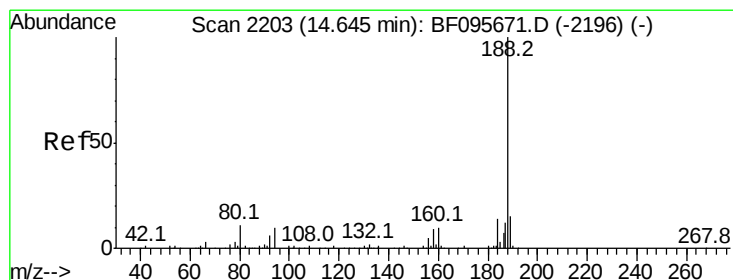
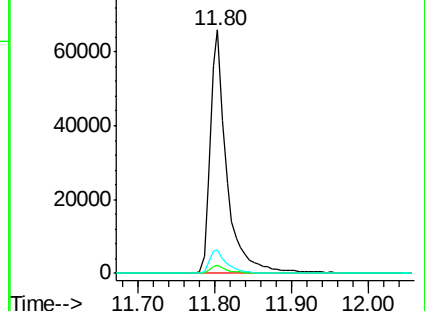
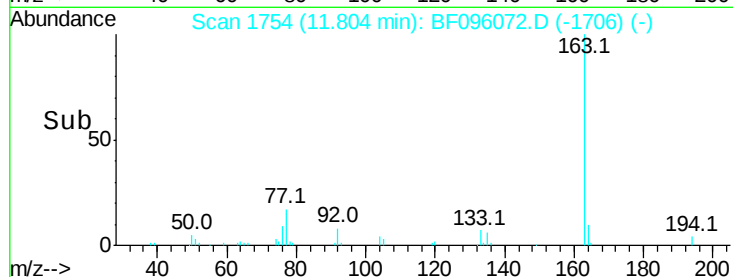
164 9.7 8.4 12.6



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: 14.54 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF096072.D

Acq: 21 Jun 2017 7:49

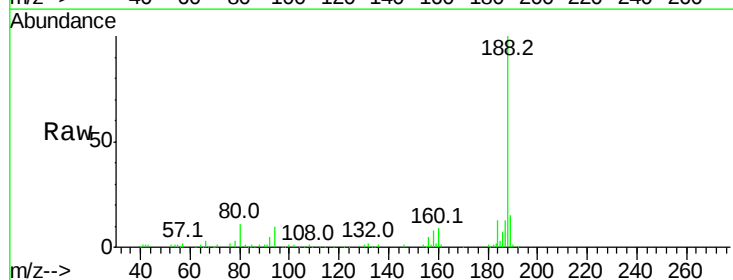
Tgt Ion:188 Resp: 195096

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

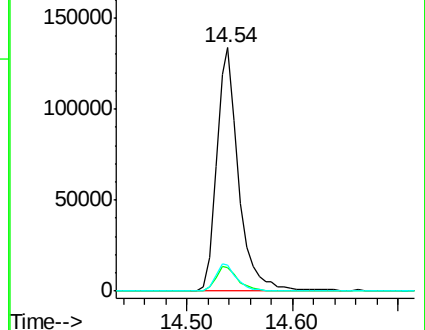
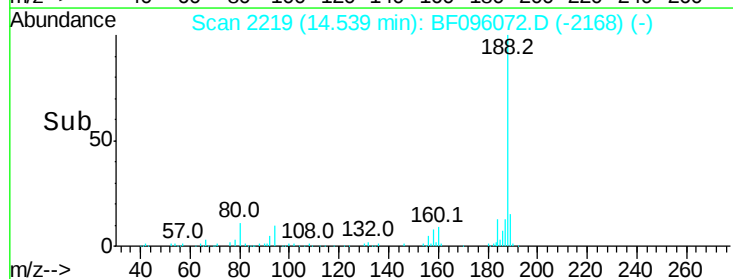
80 10.7 10.2 15.2

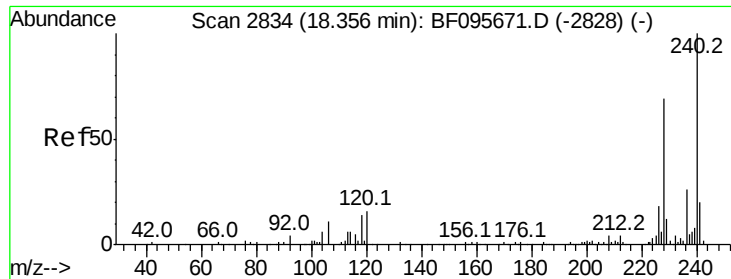


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

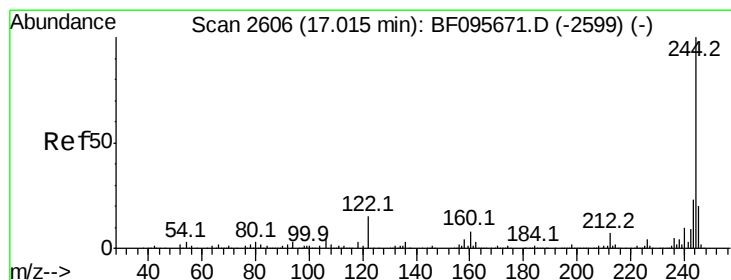
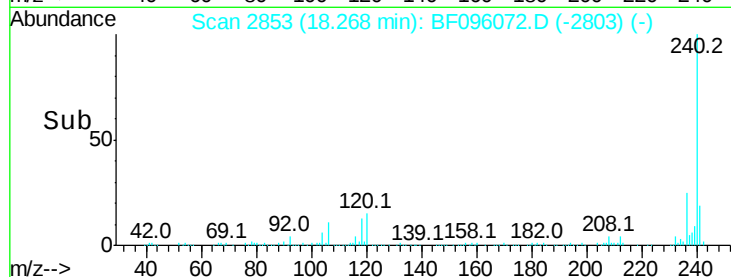
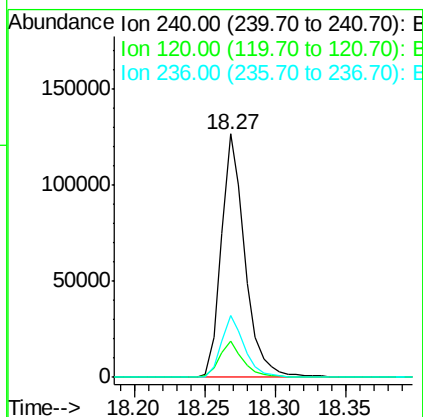
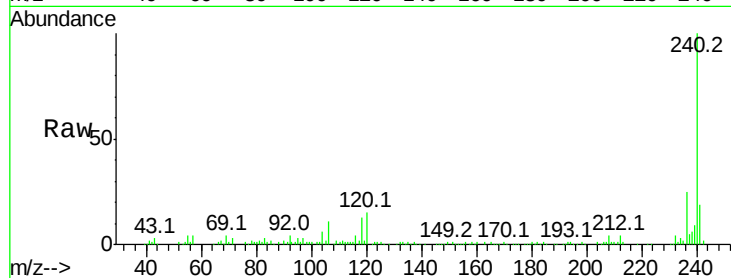




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096072.D
 Acq: 21 Jun 2017 7:49

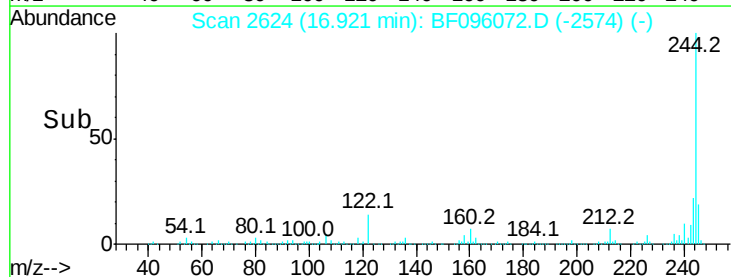
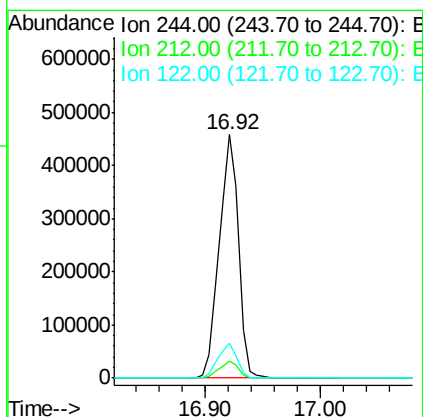
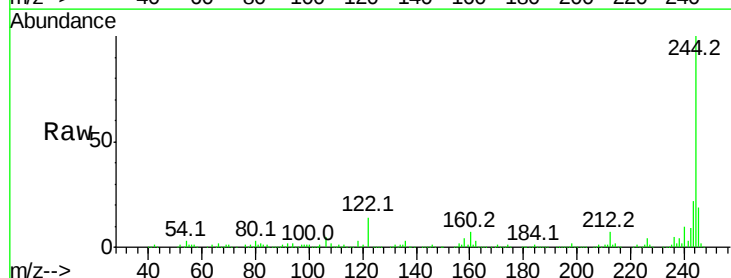
Instrument :
 BNA_F
 ClientSampleId :
 C4-B

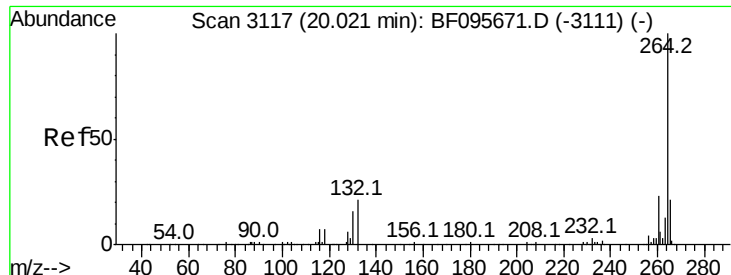
Tot Ion:240 Resp: 147366
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 25.4 20.5 30.7



#78
 Terphenyl-d14
 Concen: 88.66 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096072.D
 Acq: 21 Jun 2017 7:49

Tgt Ion:244 Resp: 526471
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.2 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096072.D
 Acq: 21 Jun 2017 7:49

Instrument :
 BNA_F
 ClientSampleId :
 C4-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.8	17.2	25.8

