

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095350.D
 Acq On : 23 May 2017 14:37
 Operator : SJ/MA
 Sample : I3224-01 100X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:27:07 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

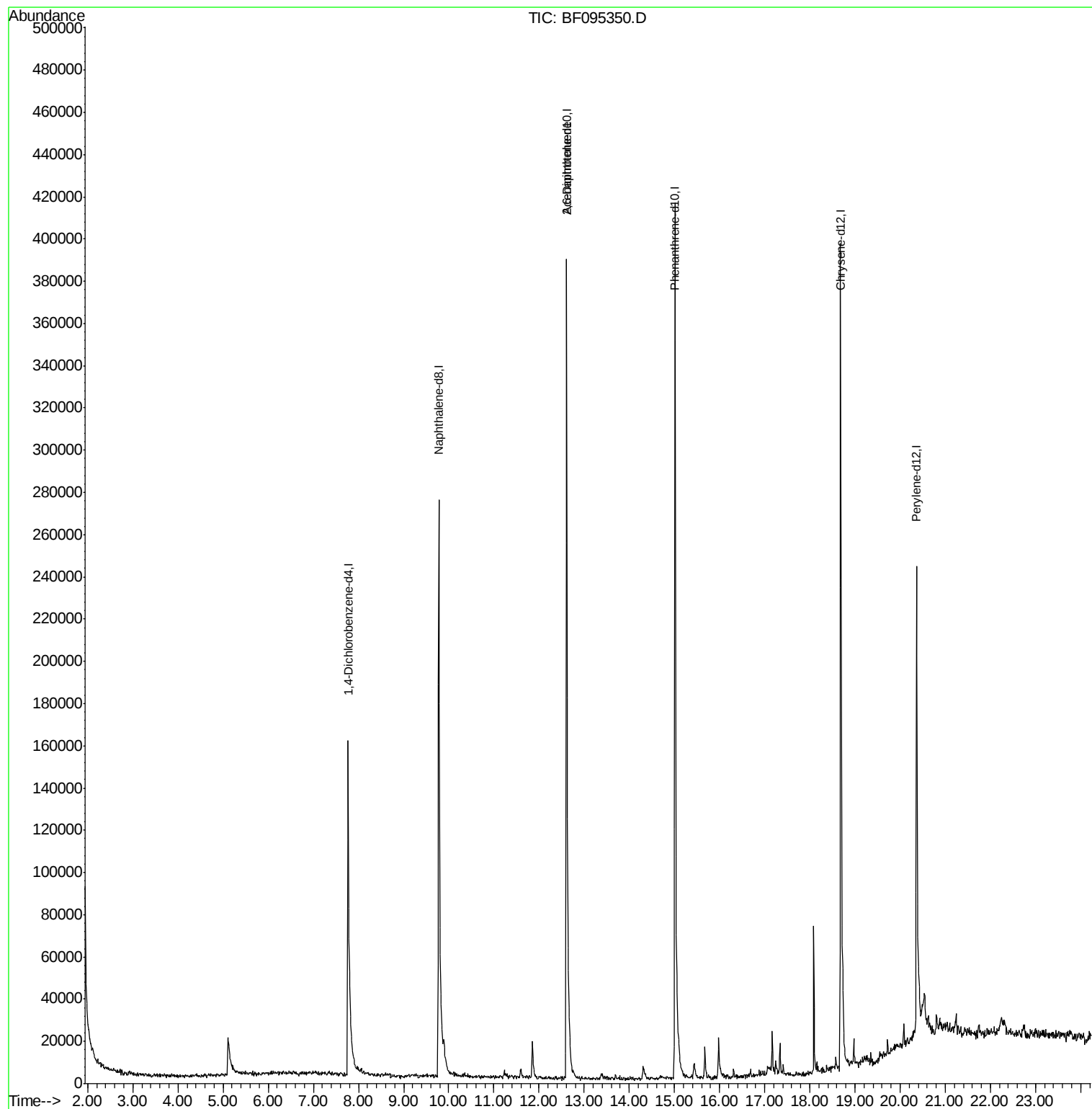
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	74970	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	296238	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	170308	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	326707	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	251604	20.00	ng	-0.01
86) Perylene-d12	20.37	264	151181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	8.86	82	144	0.03	ng	0.19
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.60	172	4578	0.39	ng	0.04
78) Terphenyl-d14	17.34	244	5505	0.48	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	12.61	165	15981	5.60	ng	Qvalue # 31

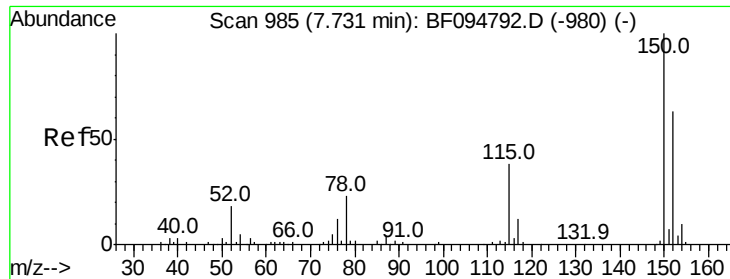
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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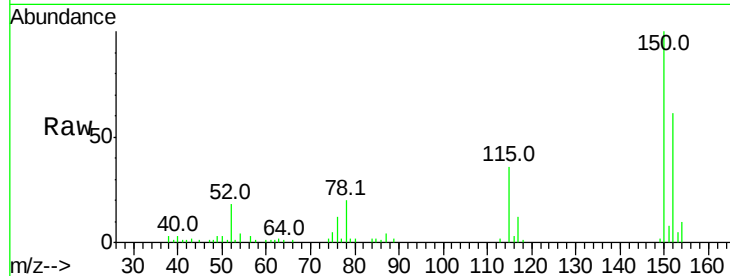


#1

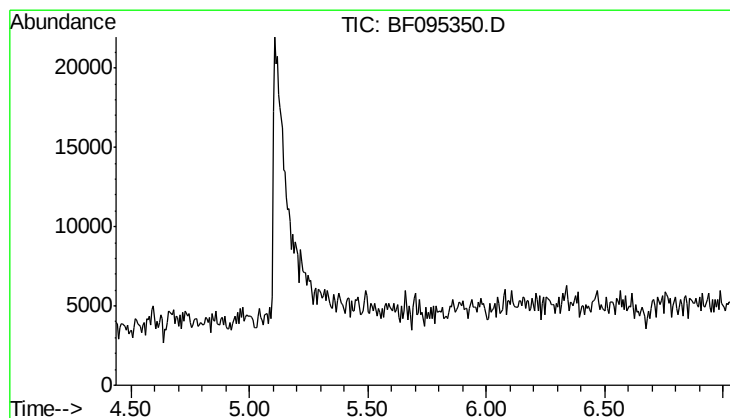
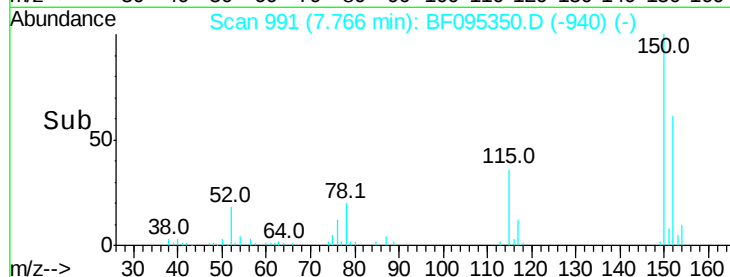
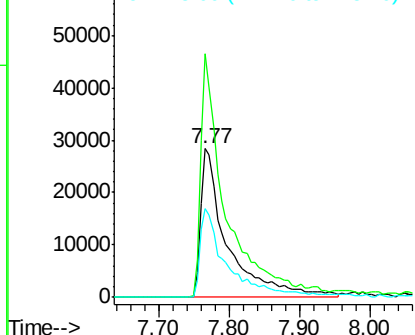
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095350.D
Acq: 23 May 2017 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74970
Ion Ratio Lower Upper
152 100
150 163.8 126.2 189.2
115 59.7 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

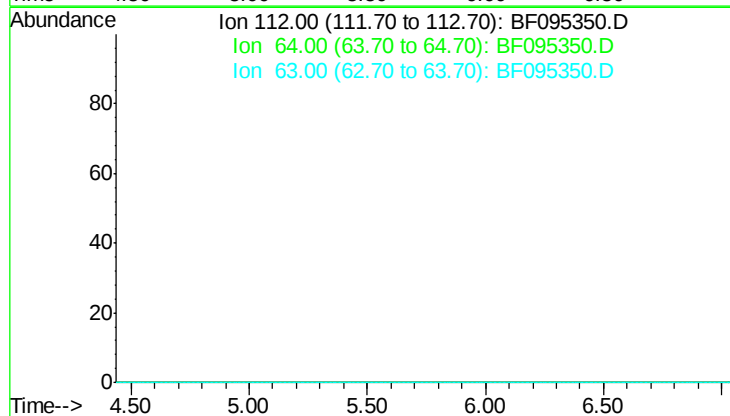


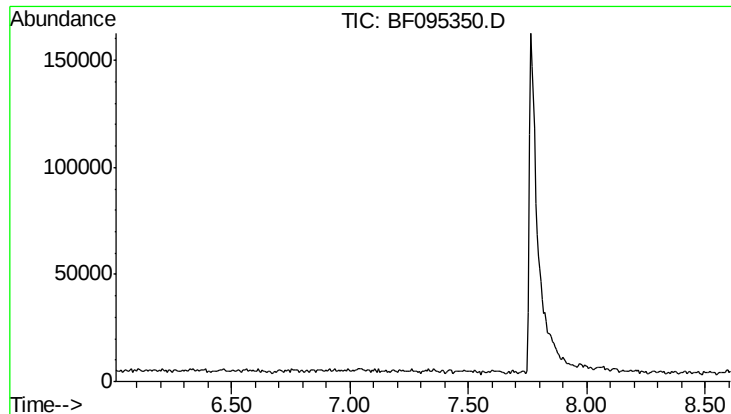
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.74 min

Lab File: BF095350.D
Acq: 23 May 2017 14:37

Tgt Ion: 112
Sig Exp Ratio
112 100
64 57.5
63 29.2

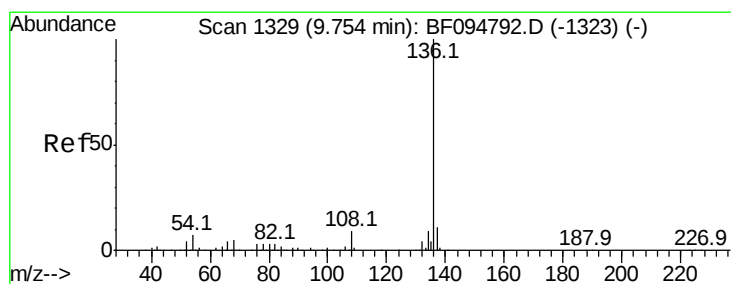
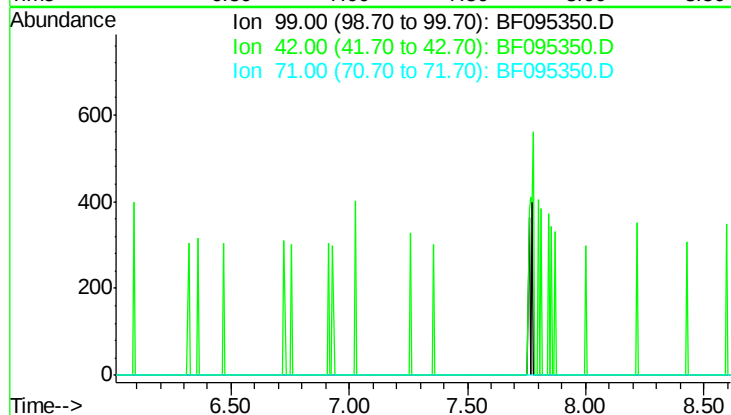




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 7.31 min
 Lab File: BF095350.D
 Acq: 23 May 2017 14:37

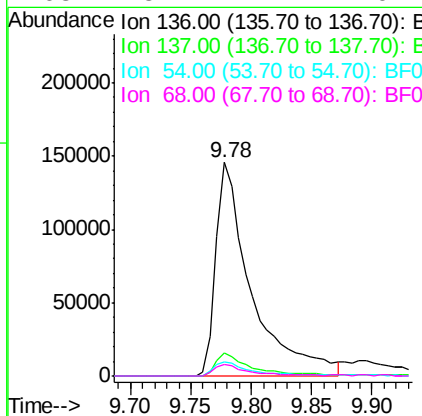
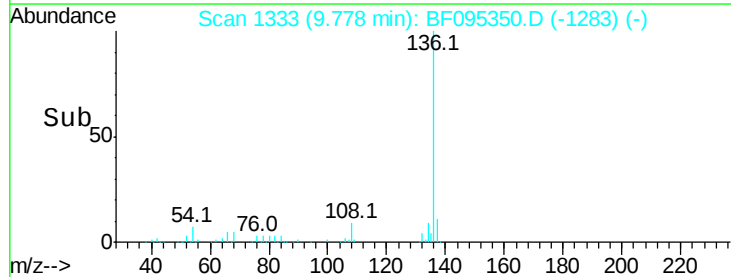
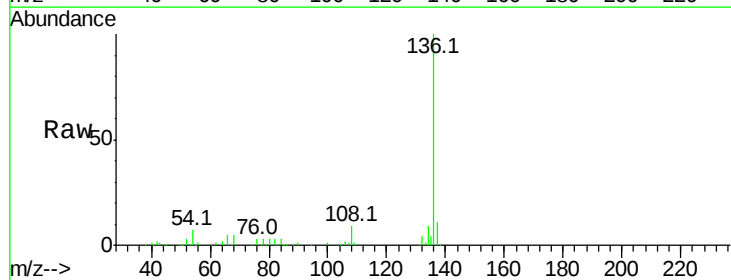
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 16.9
 71 30.6



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.78 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF095350.D
 Acq: 23 May 2017 14:37

Tgt Ion: 136 Resp: 296238
 Ion Ratio Lower Upper
 136 100
 137 10.7 8.5 12.7
 54 6.6 4.9 7.3
 68 5.4 4.1 6.1

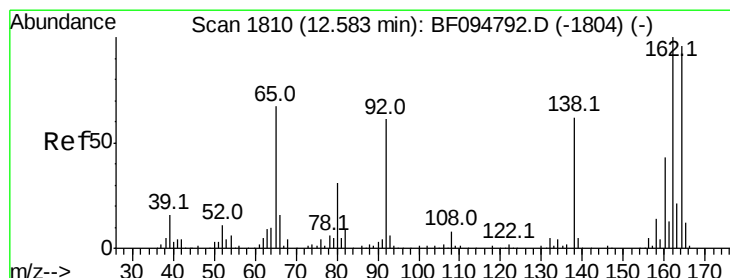
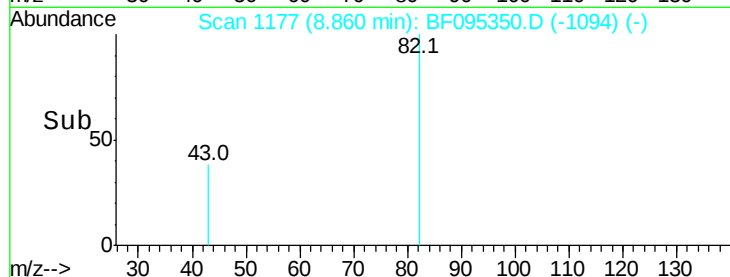
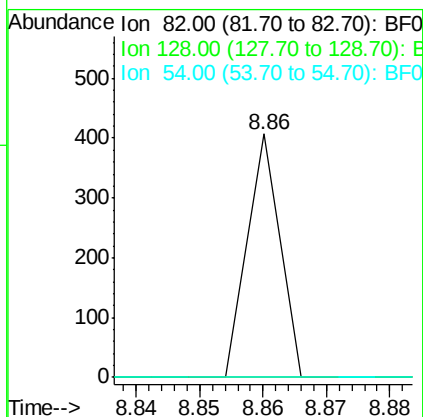
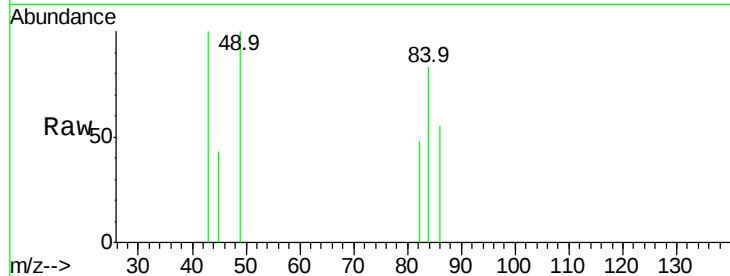




#23
 Nitrobenzene-d5
 Concen: 0.03 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.19 min
 Lab File: BF095350.D
 Acq: 23 May 2017 14:37

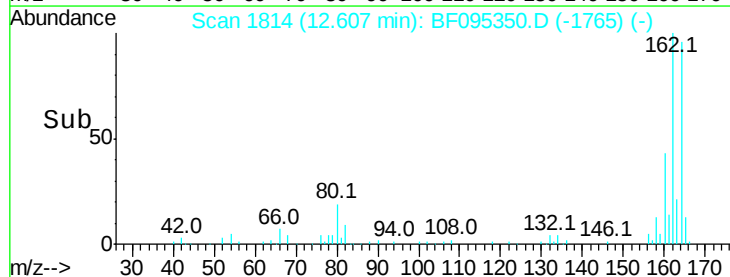
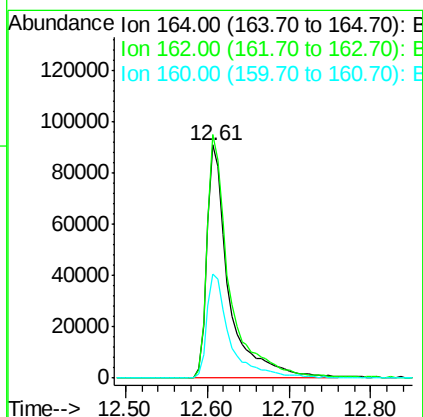
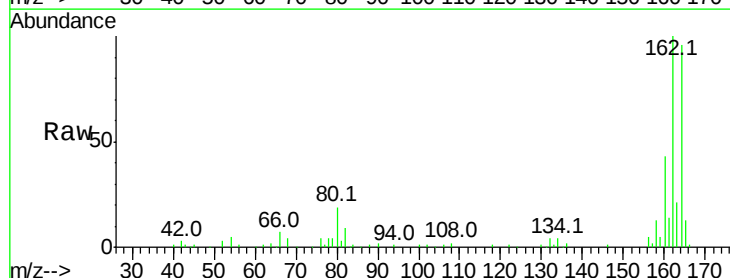
Instrument :
 BNA_F
 ClientSampleId :

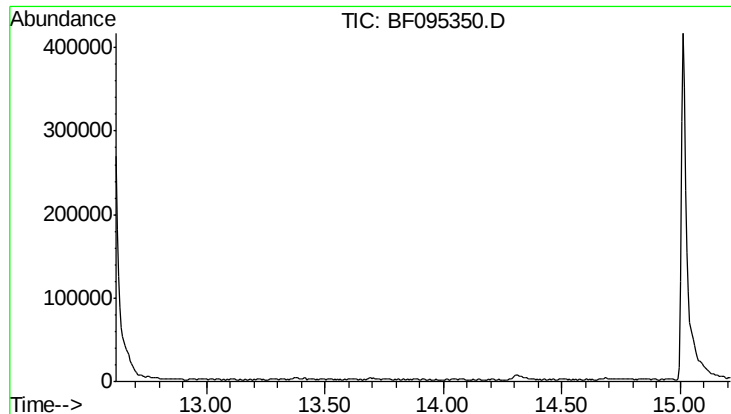
Tot Ion: 82 Resp: 144
 Ion Ratio Lower Upper
 82 100
 128 0.0 34.0 51.0#
 54 0.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095350.D
 Acq: 23 May 2017 14:37

Tgt Ion:164 Resp: 170308
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 44.6 36.2 54.2

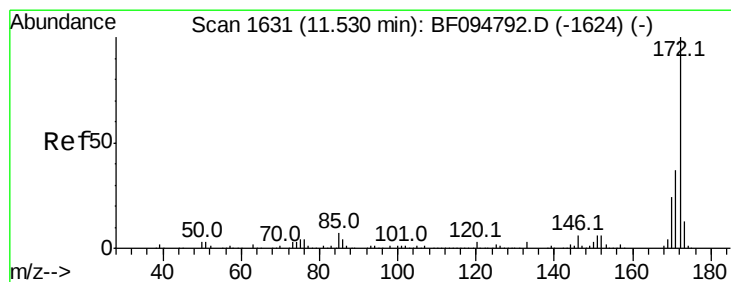
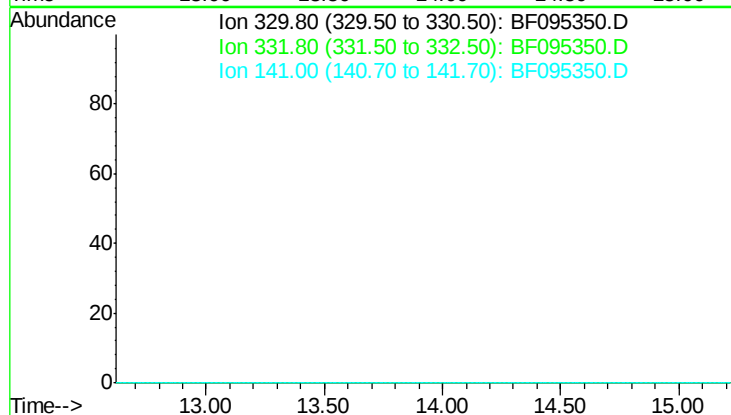




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 13.92 min
 Lab File: BF095350.D
 Acq: 23 May 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :

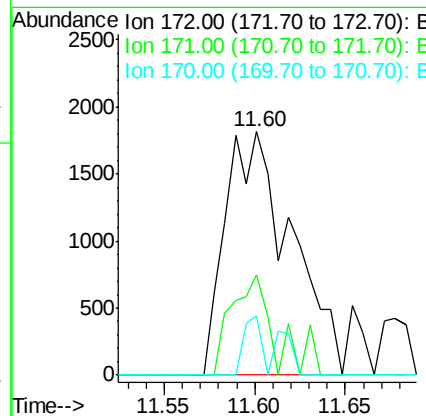
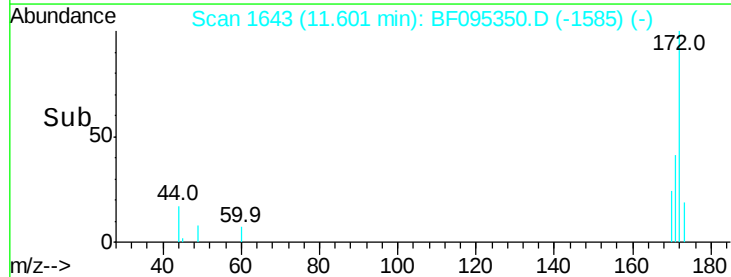
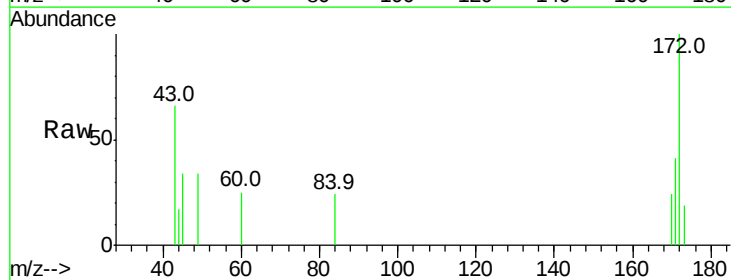
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3

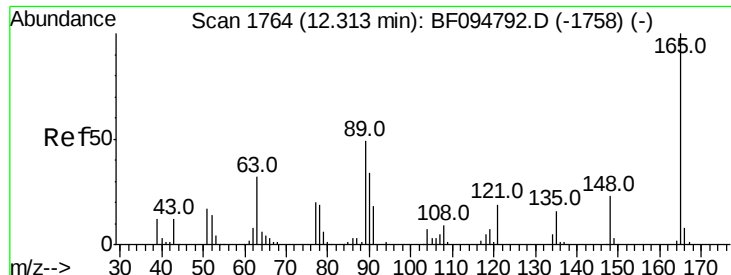


#44
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 11.60 min Scan# 1643
 Delta R.T. 0.04 min
 Lab File: BF095350.D
 Acq: 23 May 2017 14:37

Tgt Ion: 172 Resp: 4578

Ion	Ratio	Lower	Upper
172	100		
171	41.4	29.6	44.4
170	24.2	19.8	29.8

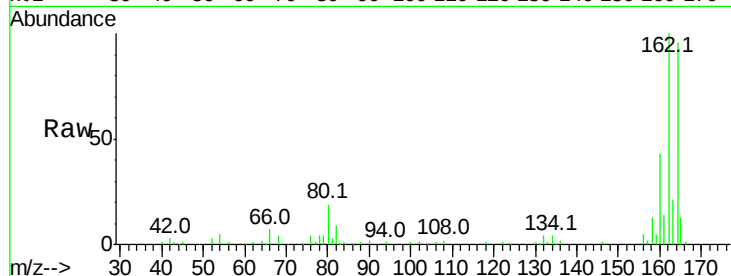




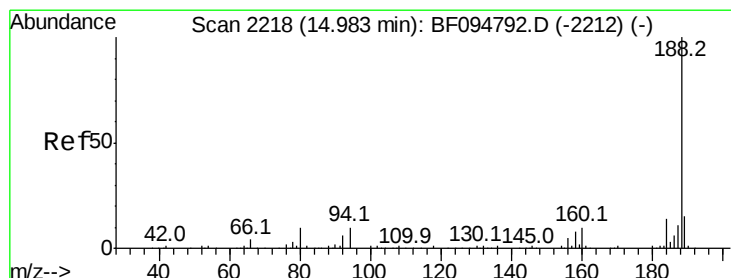
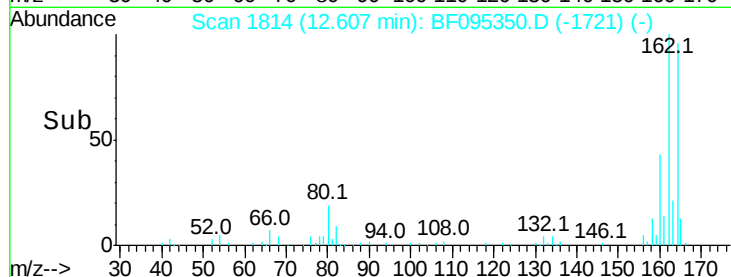
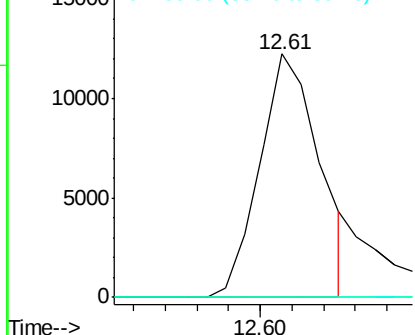
#50
 2,6-Dinitrotoluene
 Concen: 5.60 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. 0.25 min
 Lab File: BF095350.D
 Acq: 23 May 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 15981
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

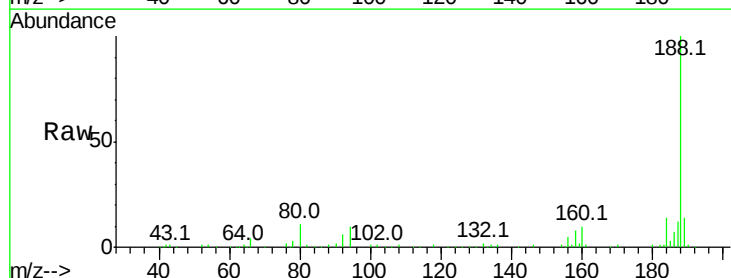


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

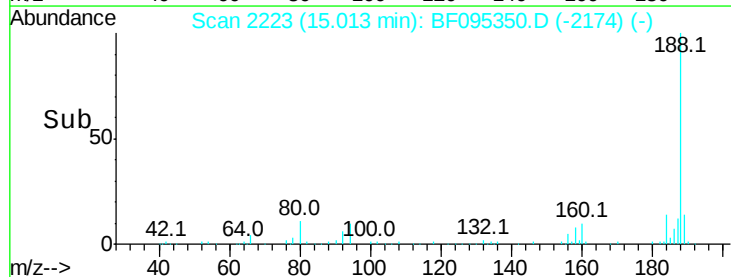
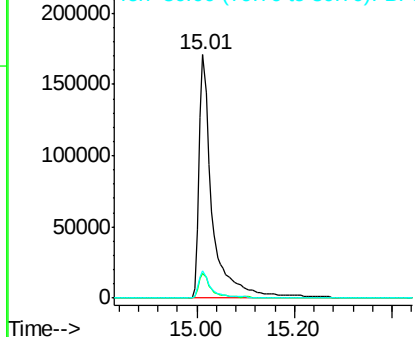


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095350.D
 Acq: 23 May 2017 14:37

Tgt Ion:188 Resp: 326707
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.3 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: BF095350.D

Acq: 23 May 2017 14:37

Instrument :

BNA_F

ClientSampleId :

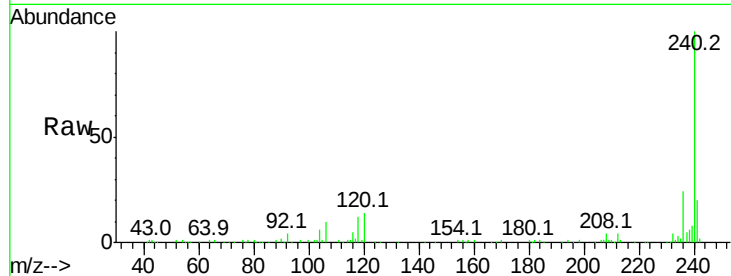
Tot Ion:240 Resp: 251604

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

236 24.0 20.5 30.7

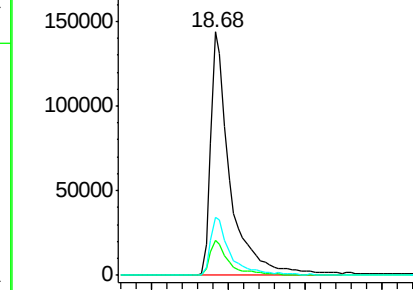
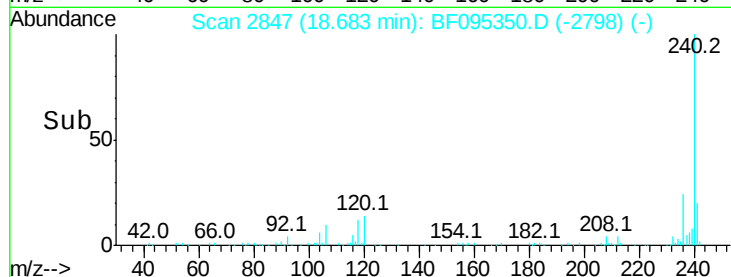


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

18.68



#78

Terphenyl-d14

Concen: 0.48 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095350.D

Acq: 23 May 2017 14:37

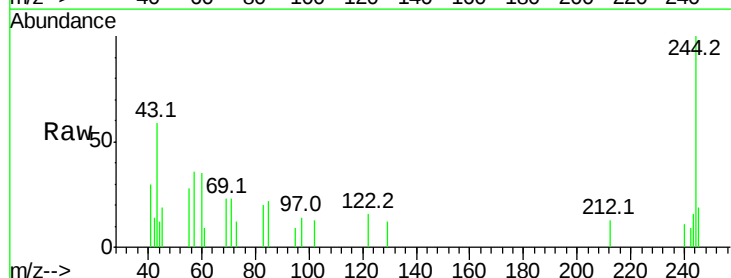
Tgt Ion:244 Resp: 5505

Ion Ratio Lower Upper

244 100

212 12.9 6.0 9.0#

122 16.4 10.3 15.5#

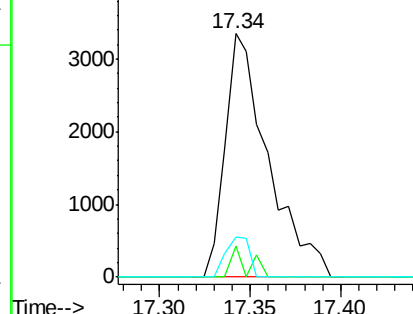
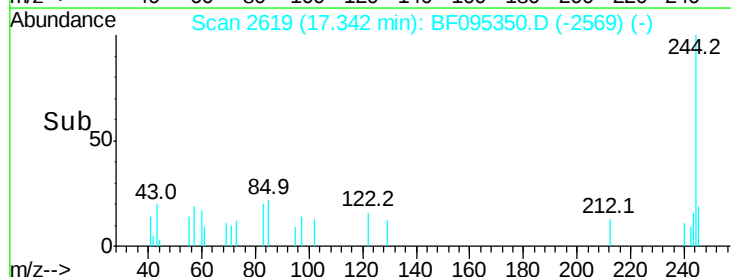


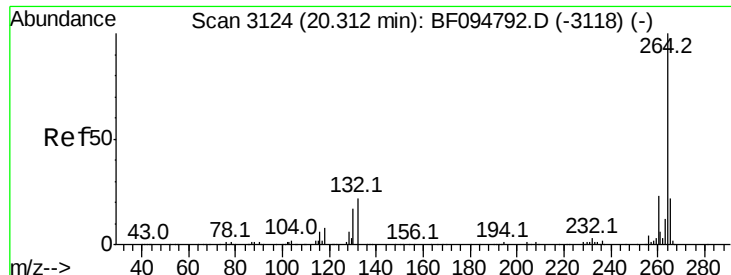
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

17.34

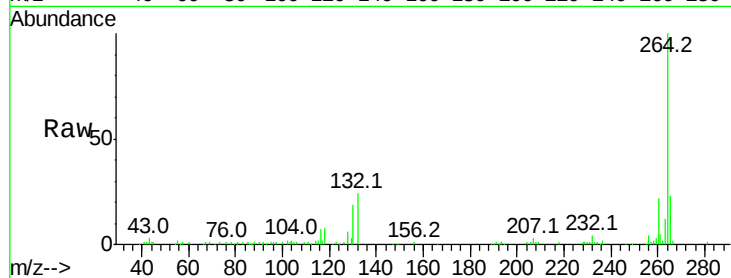




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095350.D
 Acq: 23 May 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	23.0	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

