

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095251.D
 Acq On : 19 May 2017 7:16
 Operator : SJ/MA
 Sample : I3186-11 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 07:56:26 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

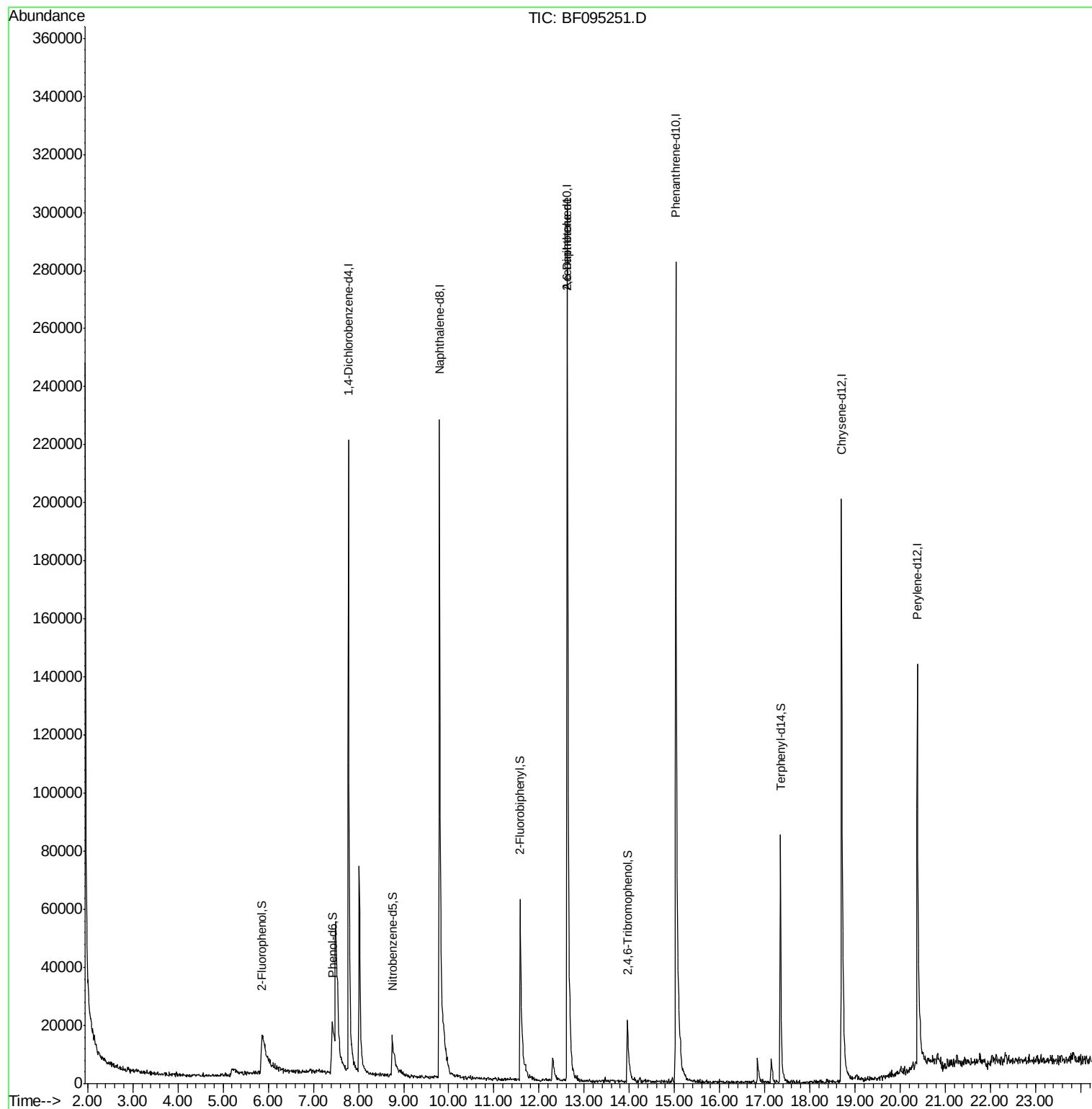
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	72949	20.00	ng	0.01
21) Naphthalene-d8	9.80	136	299136	20.00	ng	0.01
38) Acenaphthene-d10	12.62	164	145325	20.00	ng	0.00
63) Phenanthrene-d10	15.03	188	256877	20.00	ng	0.00
75) Chrysene-d12	18.70	240	154550	20.00	ng	0.00
86) Perylene-d12	20.38	264	116287	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	8774	2.01	ng	0.12
7) Phenol-d6	7.41	99	31401	5.98	ng	0.10
23) Nitrobenzene-d5	8.75	82	11279	2.38	ng	0.08
41) 2,4,6-Tribromophenol	13.96	330	9577	8.05	ng	0.04
44) 2-Fluorobiphenyl	11.58	172	73930	7.32	ng	0.02
78) Terphenyl-d14	17.35	244	57003	8.12	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	12.62	165	13635	5.60	ng	Qvalue # 31

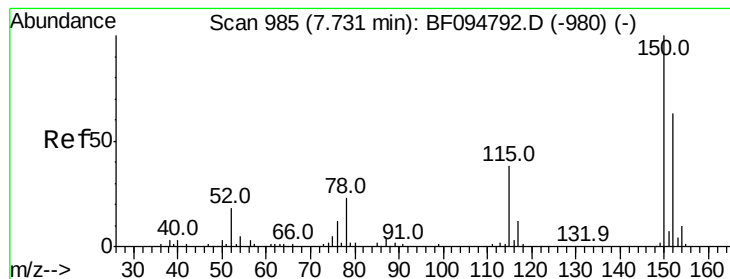
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF095251.D

Acq: 19 May 2017 7:16

Instrument :
BNA_F
ClientSampled :

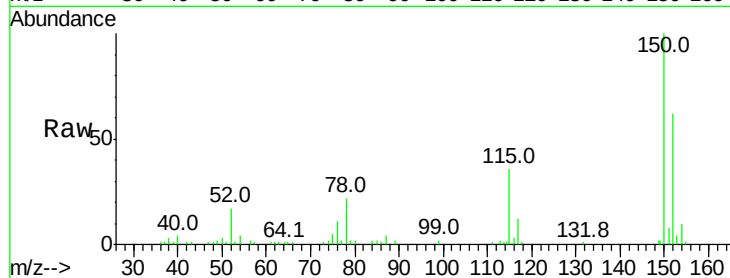
Tot Ion:152 Resp: 72949

Ion Ratio Lower Upper

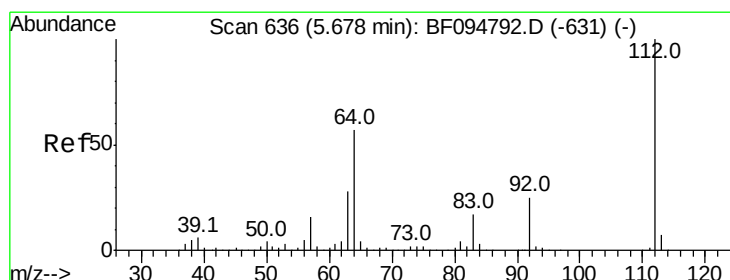
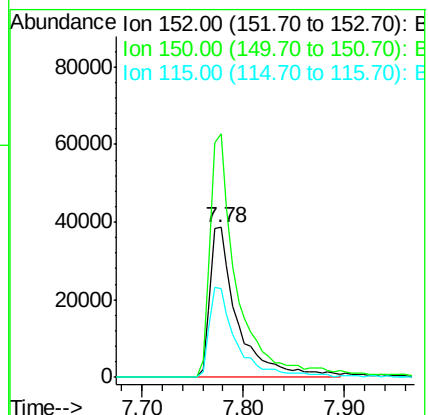
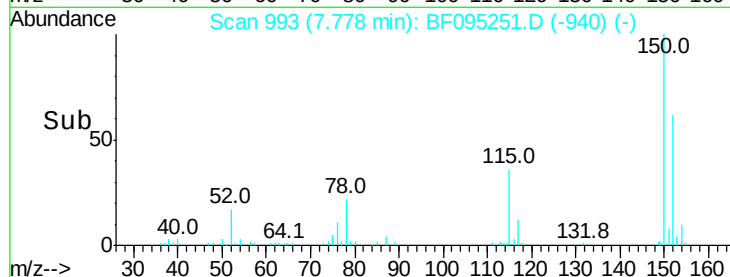
152 100

150 162.3 126.2 189.2

115 58.9 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: 2.01 ng

RT: 5.86 min Scan# 667

Delta R.T. 0.12 min

Lab File: BF095251.D

Acq: 19 May 2017 7:16

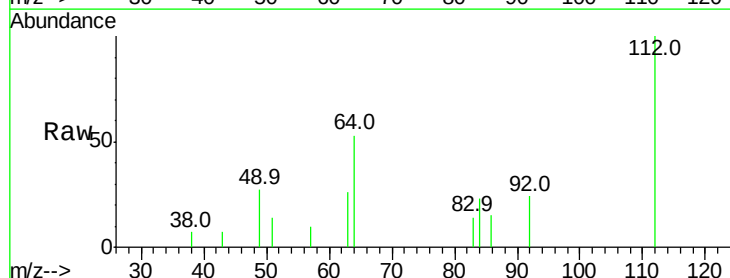
Tgt Ion:112 Resp: 8774

Ion Ratio Lower Upper

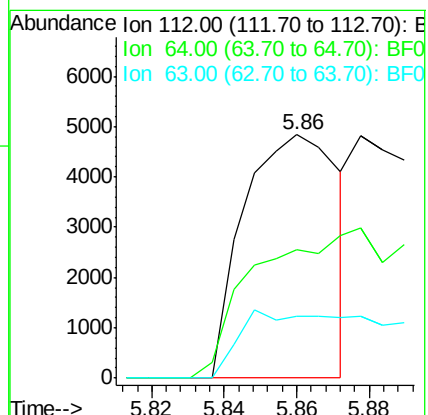
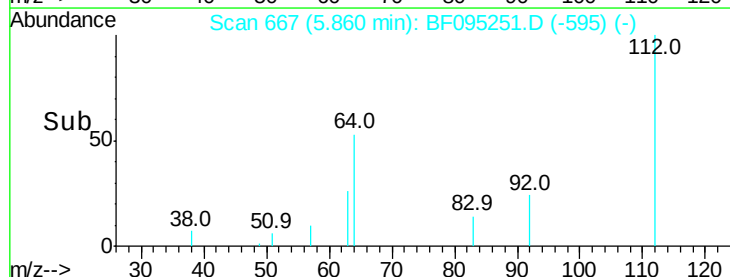
112 100

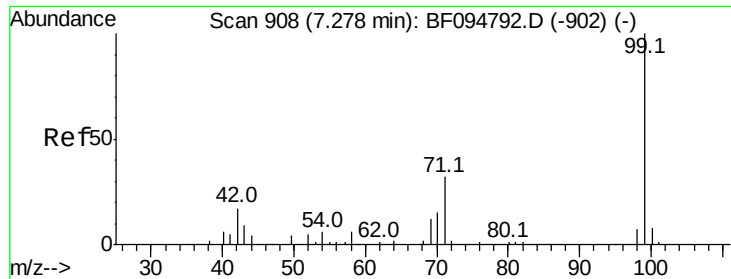
64 52.8 46.0 69.0

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: 5.98 ng

RT: 7.41 min Scan# 931

Delta R.T. 0.10 min

Lab File: BF095251.D

Acq: 19 May 2017 7:16

Instrument :

BNA_F

ClientSampleId :

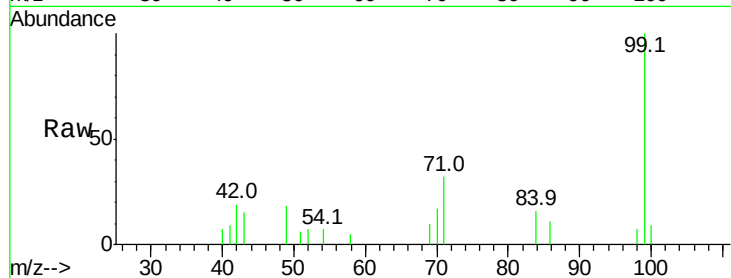
Tot Ion: 99 Resp: 31401

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

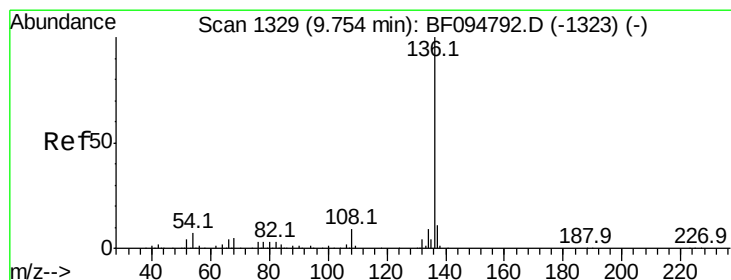
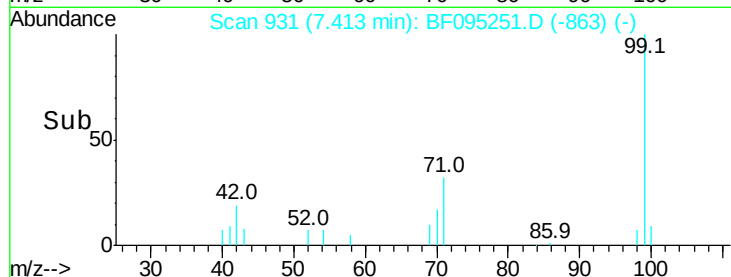
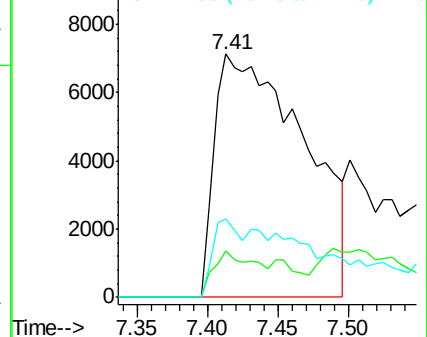
71 32.2 24.5 36.7



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: 9.80 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF095251.D

Acq: 19 May 2017 7:16

Tgt Ion: 136 Resp: 299136

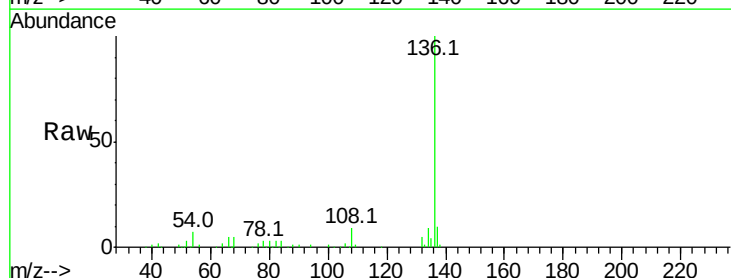
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.6 4.9 7.3

68 4.5 4.1 6.1

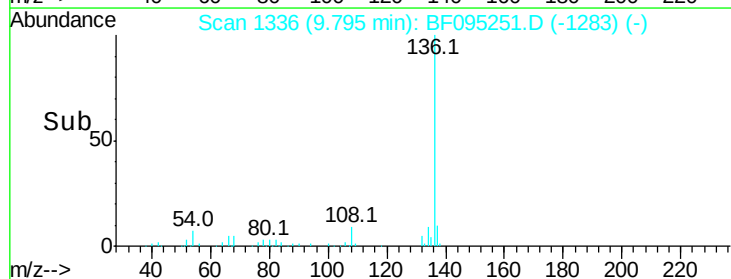
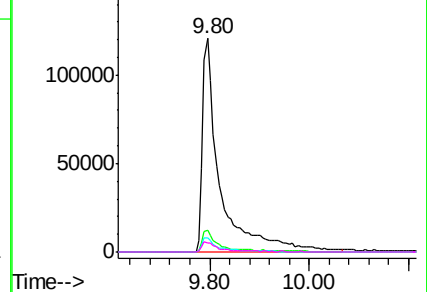


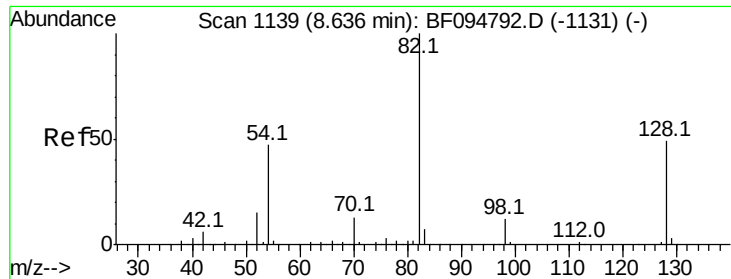
Abundance Ion 136.00 (135.70 to 136.70): E

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

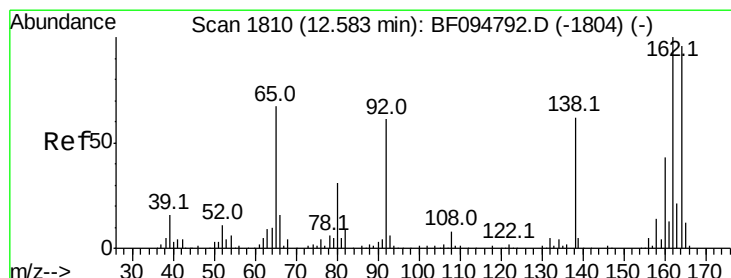
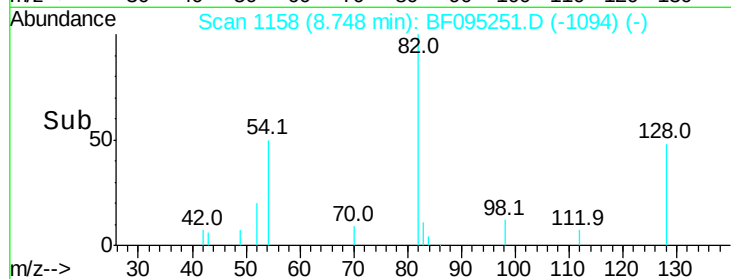
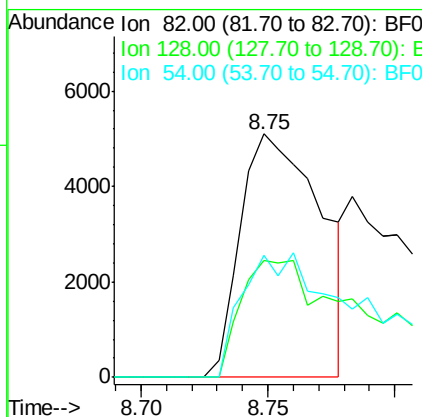
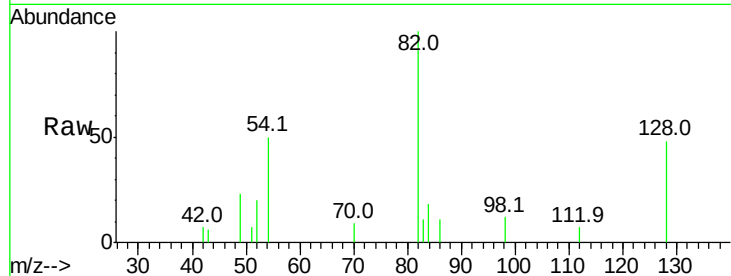




#23
 Nitrobenzene-d5
 Concen: 2.38 ng
 RT: 8.75 min Scan# 1158
 Delta R.T. 0.08 min
 Lab File: BF095251.D
 Acq: 19 May 2017 7:16

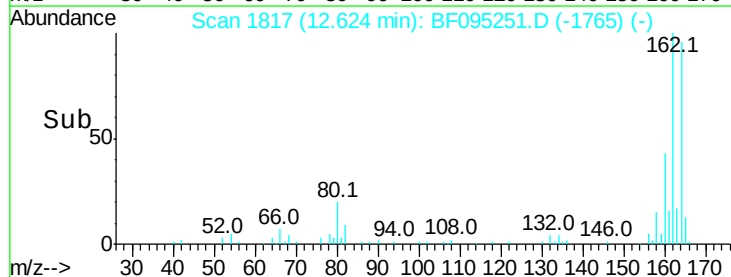
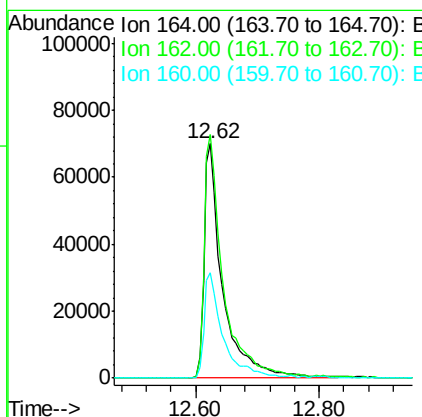
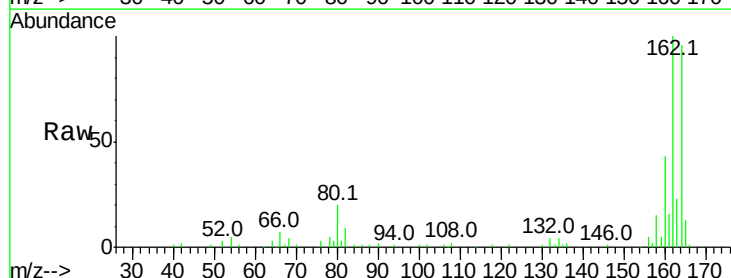
Instrument :
 BNA_F
 ClientSampled :

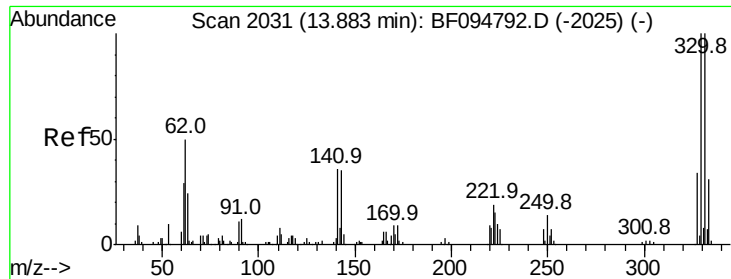
Tot Ion: 82 Resp: 11279
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.0 51.0
 54 50.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BF095251.D
 Acq: 19 May 2017 7:16

Tgt Ion:164 Resp: 145325
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 44.8 36.2 54.2

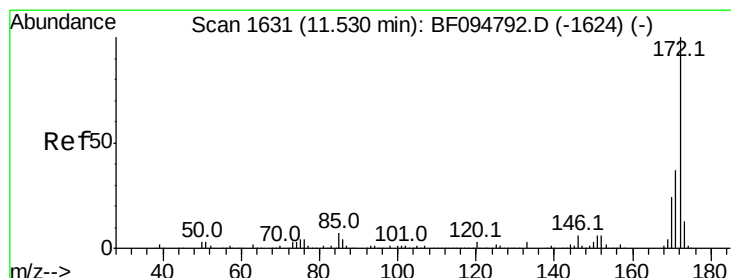
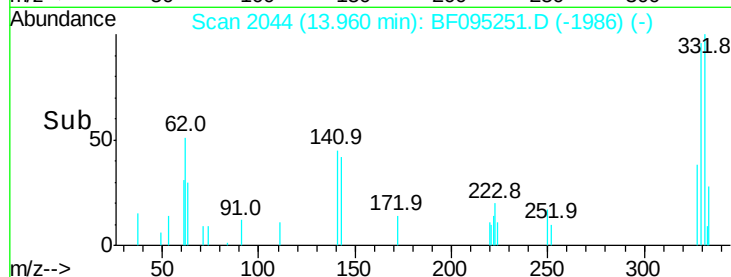
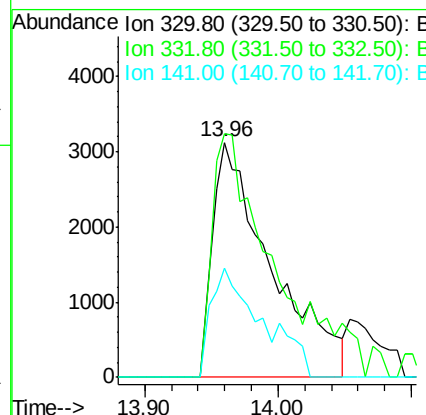
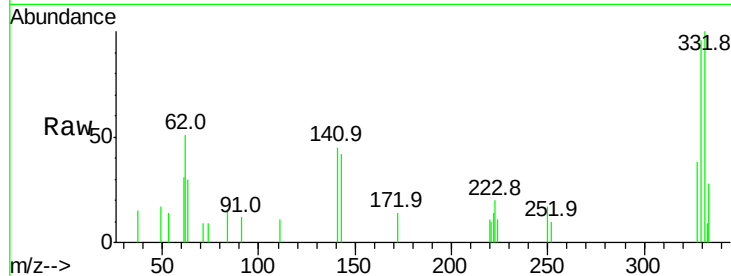




#41
 2,4,6-Tribromophenol
 Concen: 8.05 ng
 RT: 13.96 min Scan# 2044
 Delta R.T. 0.04 min
 Lab File: BF095251.D
 Acq: 19 May 2017 7:16

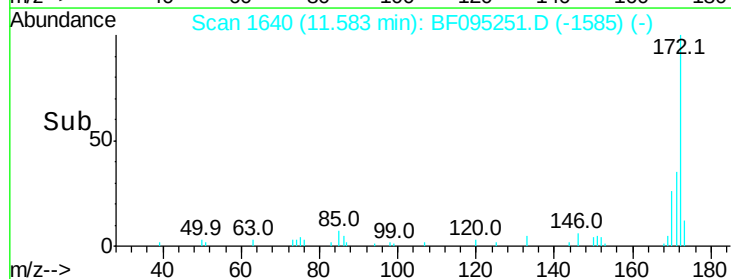
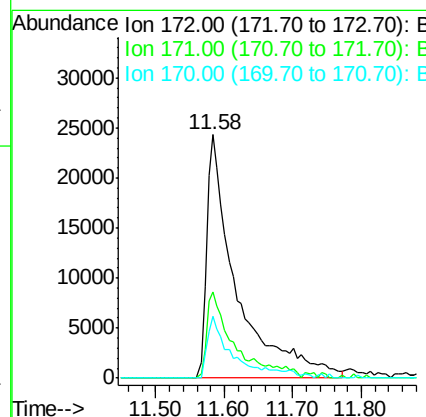
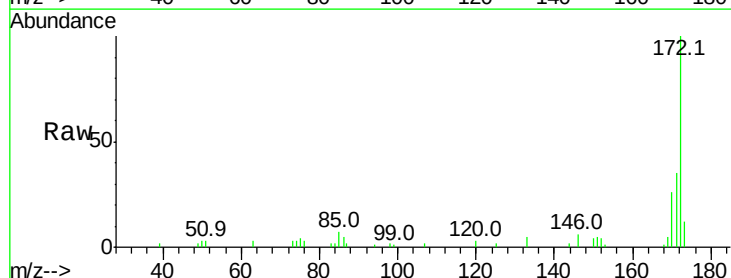
Instrument :
 BNA_F
 ClientSampleId :

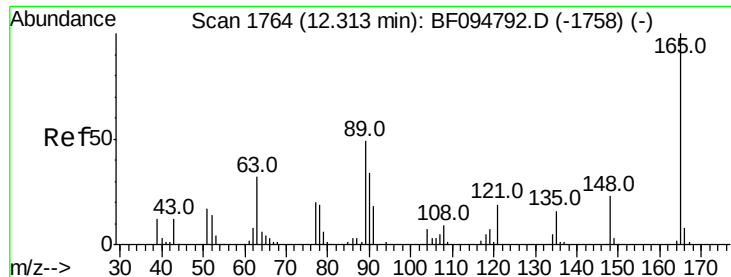
Tot Ion:330 Resp: 9577
 Ion Ratio Lower Upper
 330 100
 332 91.2 76.6 115.0
 141 40.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 7.32 ng
 RT: 11.58 min Scan# 1640
 Delta R.T. 0.02 min
 Lab File: BF095251.D
 Acq: 19 May 2017 7:16

Tgt Ion:172 Resp: 73930
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 25.5 19.8 29.8

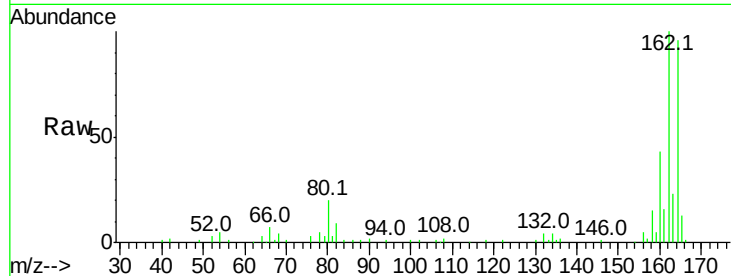




#50
 2,6-Dinitrotoluene
 Concen: 5.60 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.26 min
 Lab File: BF095251.D
 Acq: 19 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :

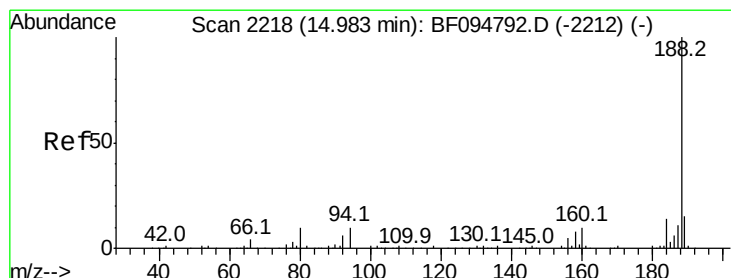
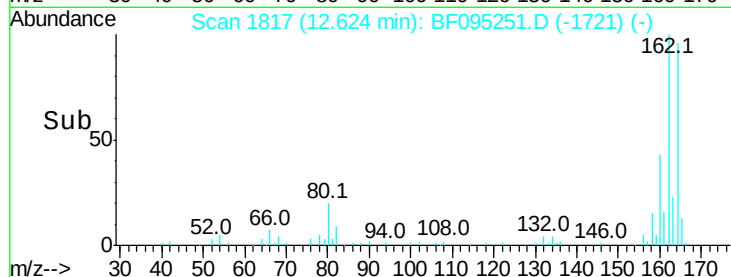
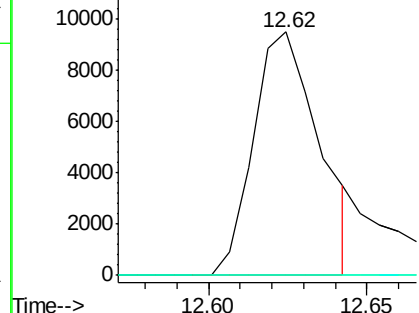
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

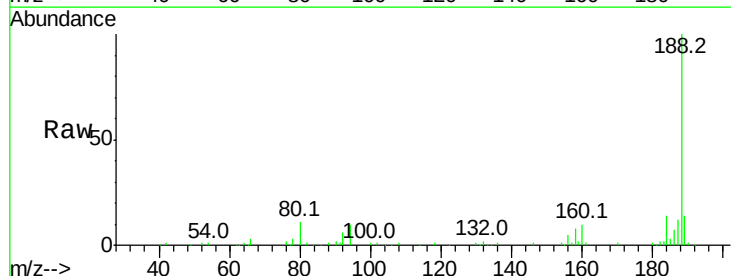
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.03 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF095251.D
 Acq: 19 May 2017 7:16

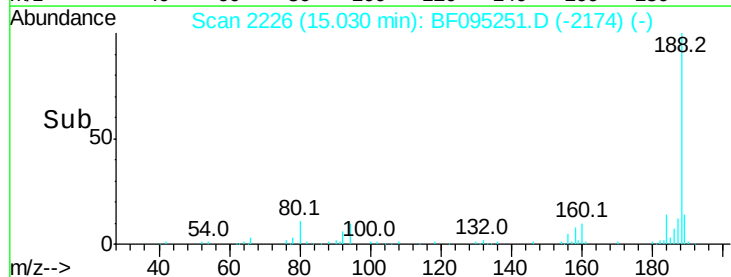
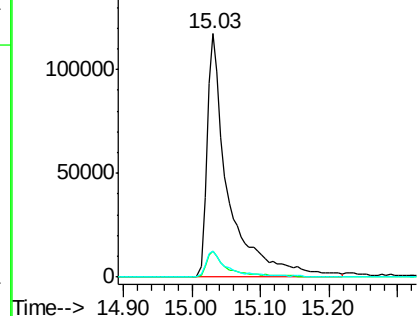
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.9	10.2	15.2

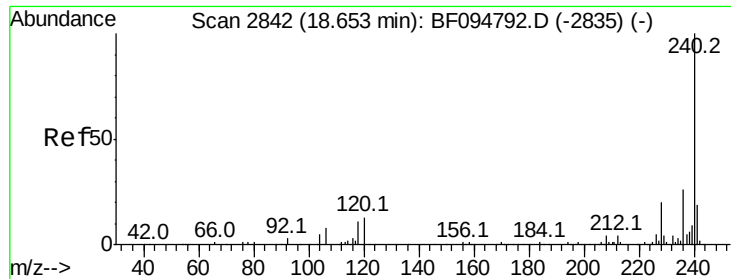


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.70 min Scan# 2850

Delta R.T. 0.01 min

Lab File: BF095251.D

Acq: 19 May 2017 7:16

Instrument :

BNA_F

ClientSampleId :

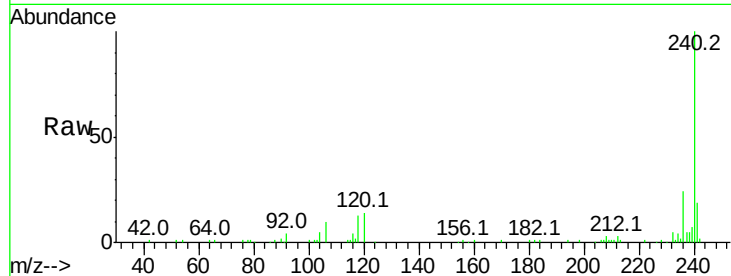
Tot Ion:240 Resp: 154550

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

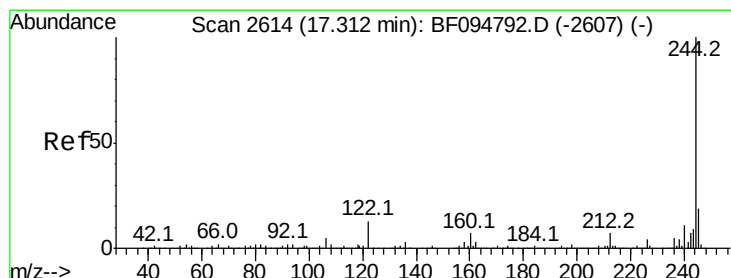
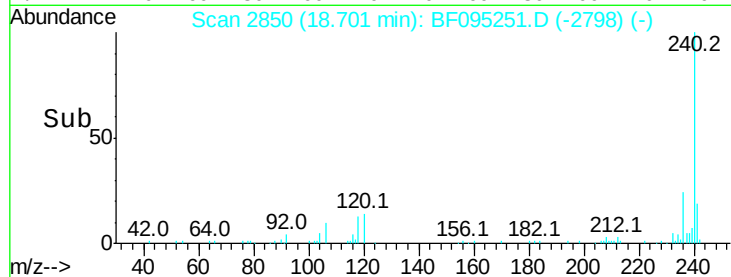
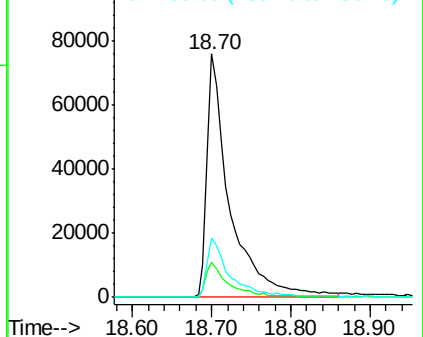
236 24.4 20.5 30.7



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: 8.12 ng

RT: 17.35 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BF095251.D

Acq: 19 May 2017 7:16

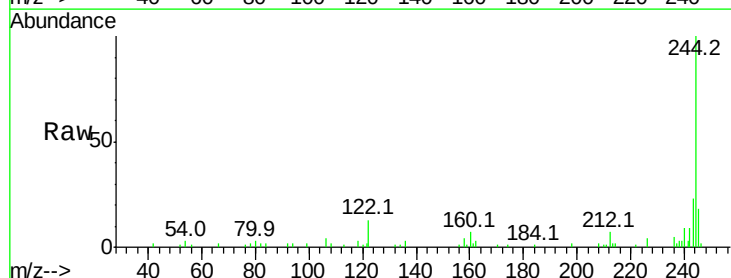
Tgt Ion:244 Resp: 57003

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

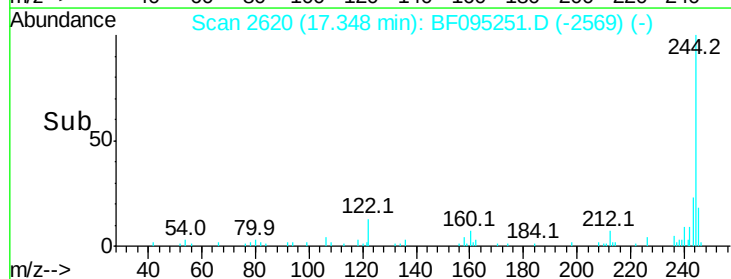
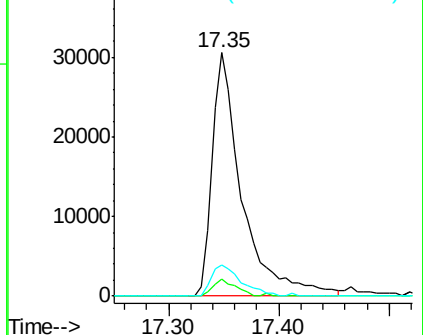
122 12.8 10.3 15.5

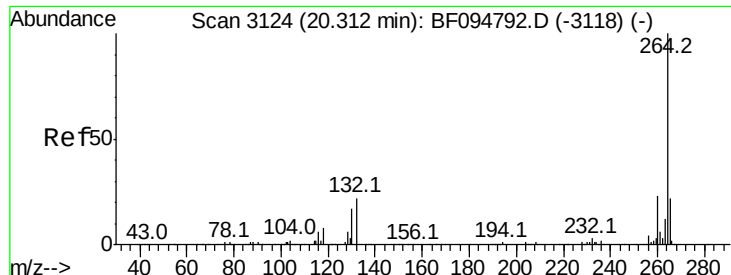


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

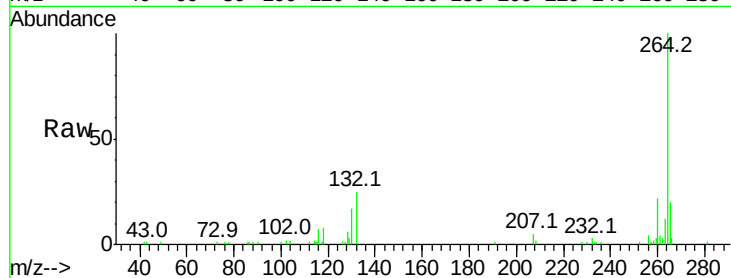




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BF095251.D
 Acq: 19 May 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	20.4	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

