

Data Path : Z:\HPCHEM1\BNA F\Data\BF051817\
 Data File : BF095261.D
 Acq On : 19 May 2017 12:38
 Operator : SJ/MA
 Sample : I3186-09 25X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 15:03:36 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

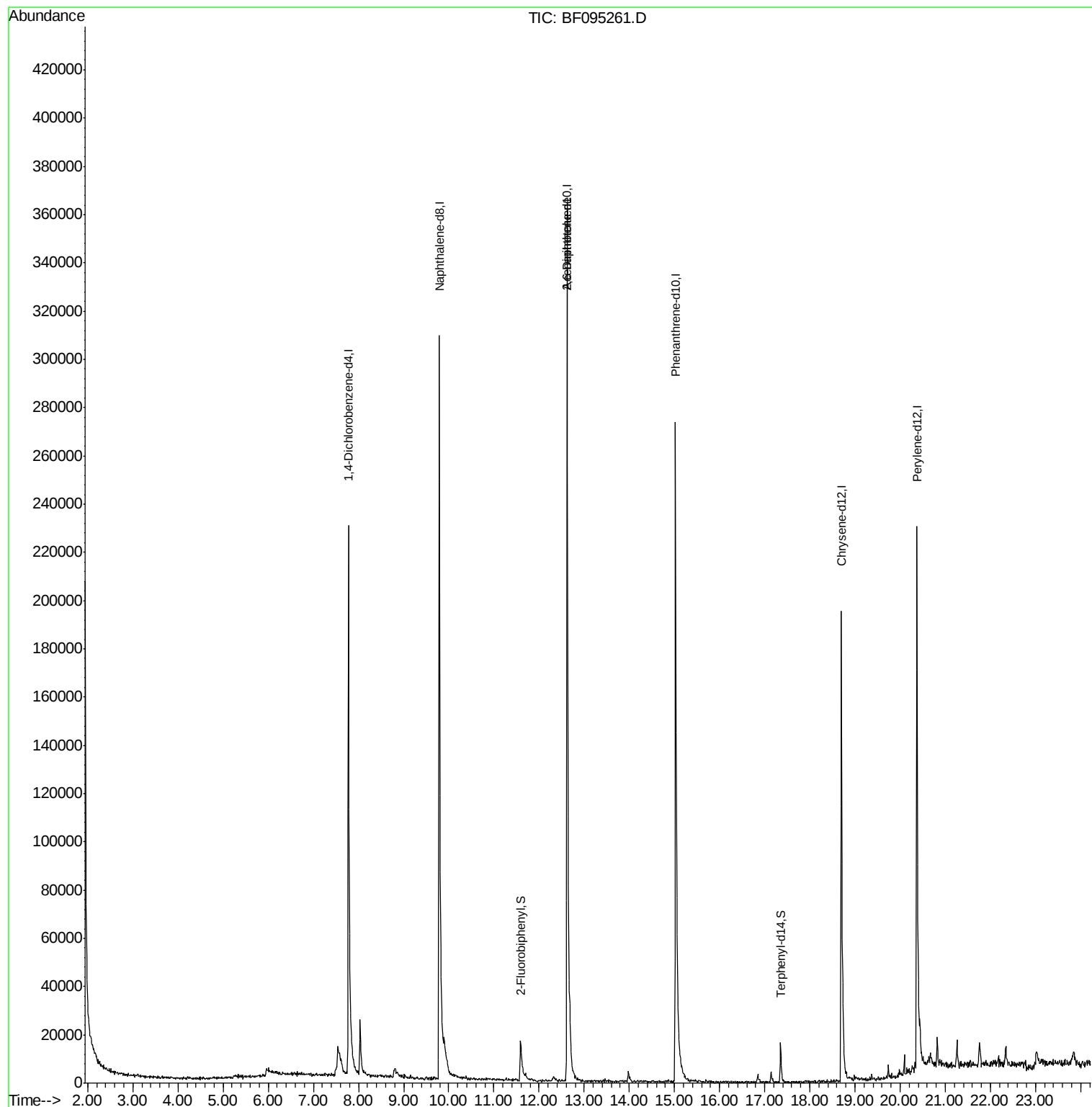
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	80941	20.00	ng	0.01
21) Naphthalene-d8	9.79	136	311460	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	161157	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	262865	20.00	ng	0.00
75) Chrysene-d12	18.69	240	148222	20.00	ng	0.00
86) Perylene-d12	20.37	264	151775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.96	112	1668	0.34	ng	0.22
7) Phenol-d6	7.50	99	2953	0.51	ng	0.19
23) Nitrobenzene-d5	8.80	82	4478	0.91	ng	0.13
41) 2,4,6-Tribromophenol	13.98	330	1786	1.35	ng	0.06
44) 2-Fluorobiphenyl	11.59	172	25114	2.24	ng	0.03
78) Terphenyl-d14	17.35	244	16099	2.39	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	12.62	165	15346	5.69	ng	Qvalue # 31

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

Data Path : Z:\HPCHEM1\BNA F\Data\BF051817\
Data File : BF095261.D
Acq On : 19 May 2017 12:38
Operator : SJ/MA
Sample : I3186-09 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 19 15:03:36 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



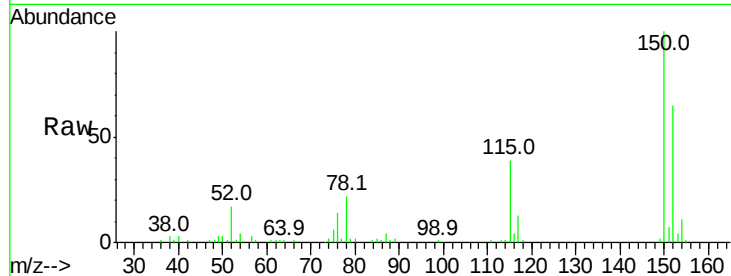


#1

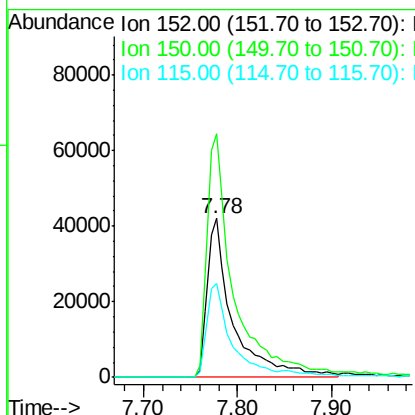
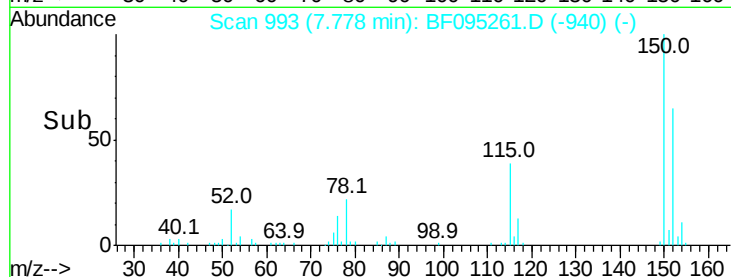
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF095261.D
Acq: 19 May 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80941
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 59.4 52.2 78.2



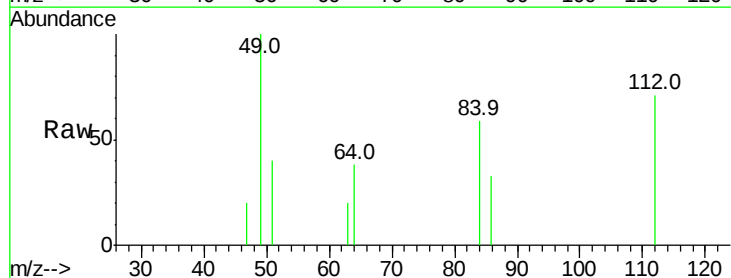
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



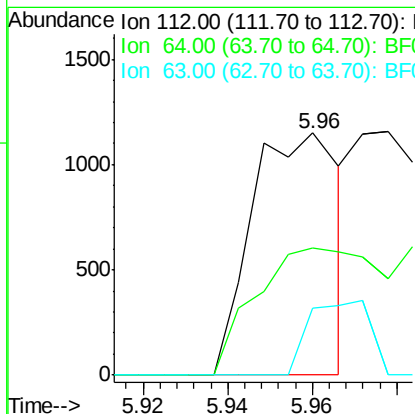
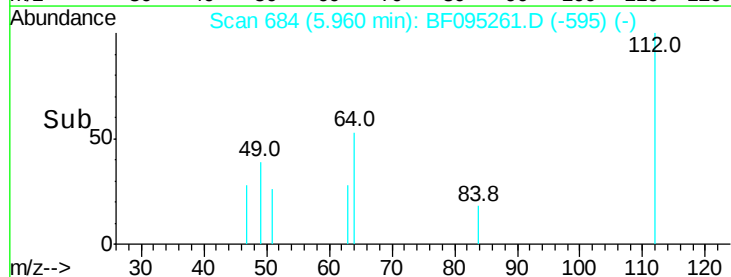
#5

2-Fluorophenol
Concen: 0.34 ng
RT: 5.96 min Scan# 684
Delta R.T. 0.22 min
Lab File: BF095261.D
Acq: 19 May 2017 12:38

Tgt Ion:112 Resp: 1668
Ion Ratio Lower Upper
112 100
64 52.7 46.0 69.0
63 27.9 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: 0.51 ng

RT: 7.50 min Scan# 946

Delta R.T. 0.19 min

Lab File: BF095261.D

Acq: 19 May 2017 12:38

Instrument :

BNA_F

ClientSampleId :

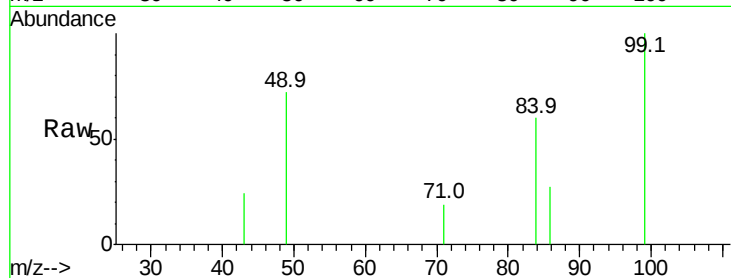
Tot Ion: 99 Resp: 2953

Ion Ratio Lower Upper

99 100

42 0.0 13.5 20.3#

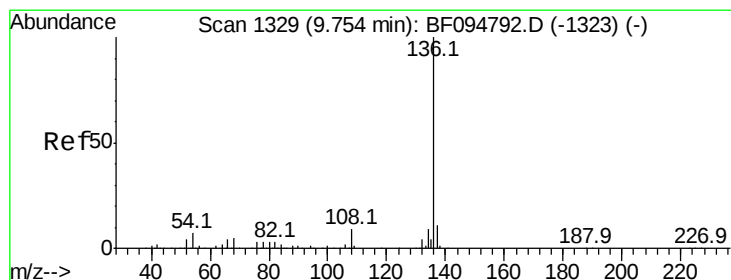
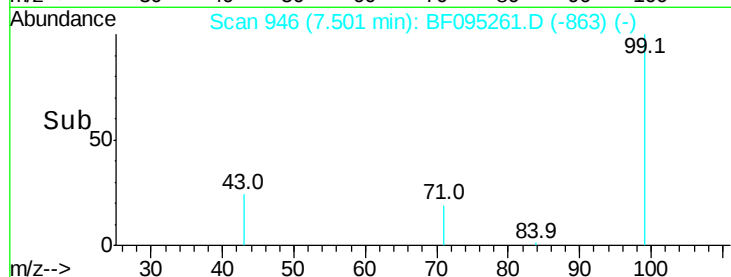
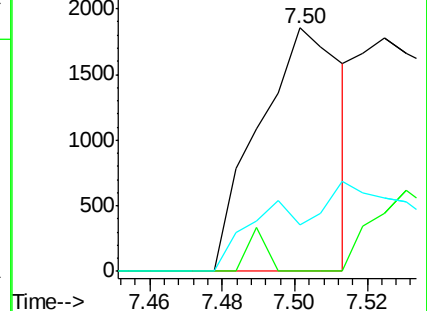
71 19.1 24.5 36.7#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095261.D

Acq: 19 May 2017 12:38

Tgt Ion: 136 Resp: 311460

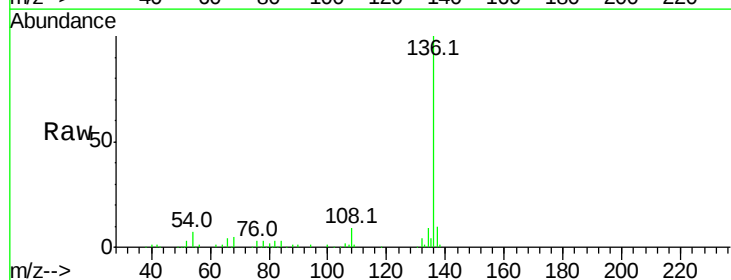
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 7.0 4.9 7.3

68 5.5 4.1 6.1

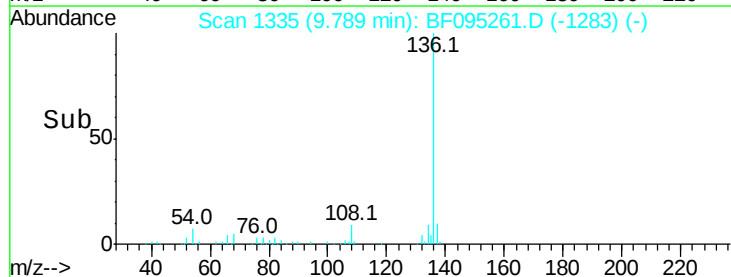
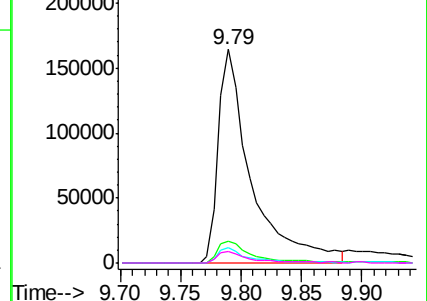


Abundance Ion 136.00 (135.70 to 136.70): E

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

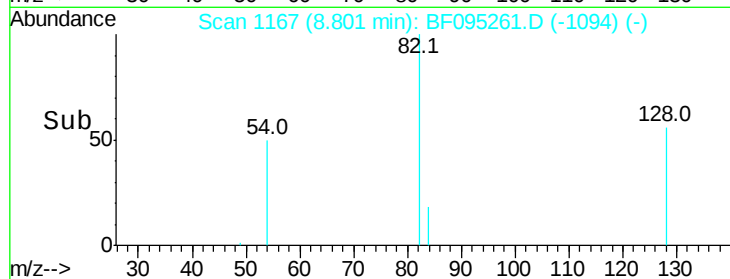
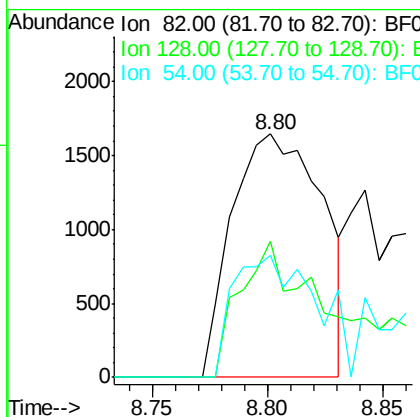
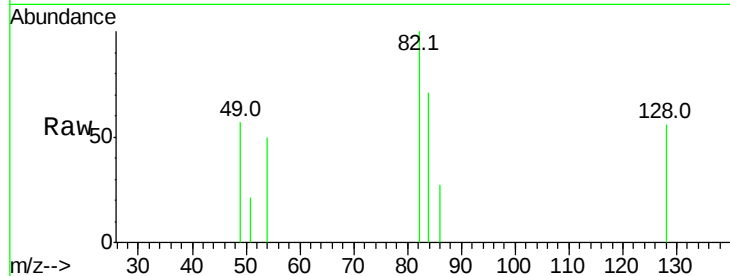




#23
 Nitrobenzene-d5
 Concen: 0.91 ng
 RT: 8.80 min Scan# 1167
 Delta R.T. 0.13 min
 Lab File: BF095261.D
 Acq: 19 May 2017 12:38

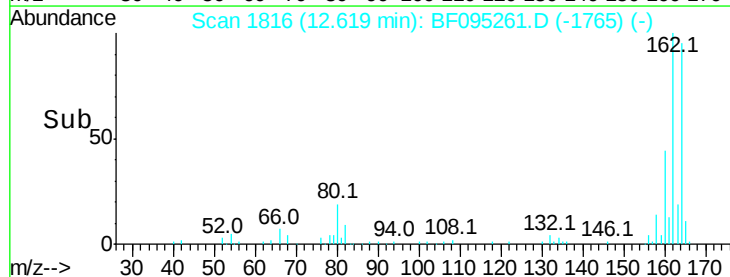
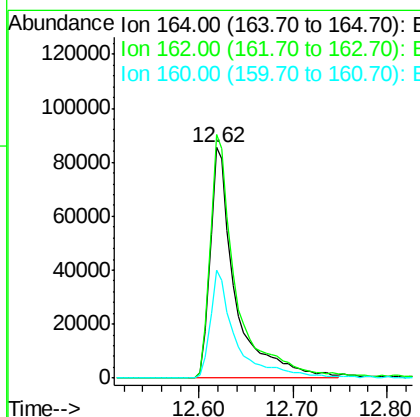
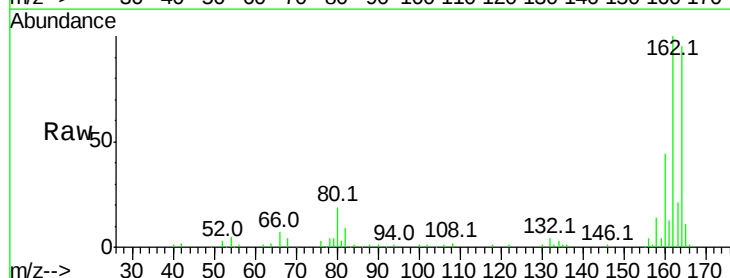
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 4478
 Ion Ratio Lower Upper
 82 100
 128 56.1 34.0 51.0#
 54 50.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF095261.D
 Acq: 19 May 2017 12:38

Tgt Ion:164 Resp: 161157
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.6 123.8
 160 46.6 36.2 54.2

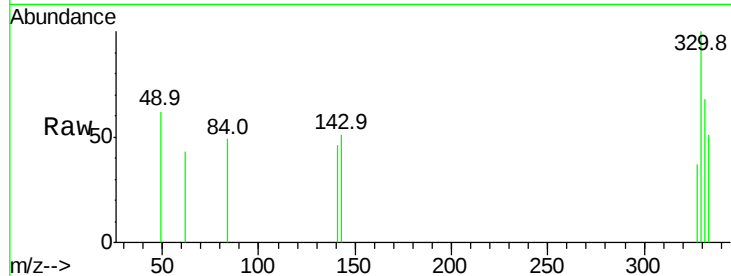




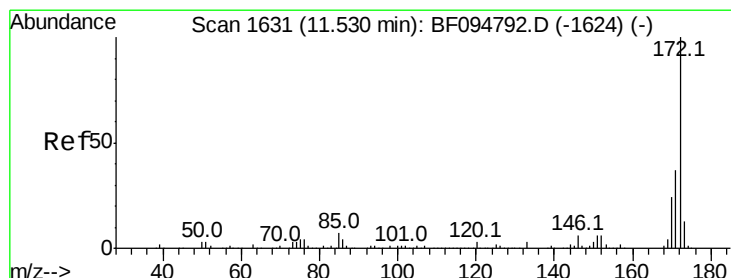
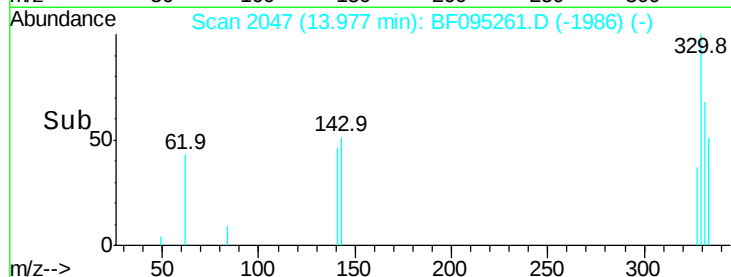
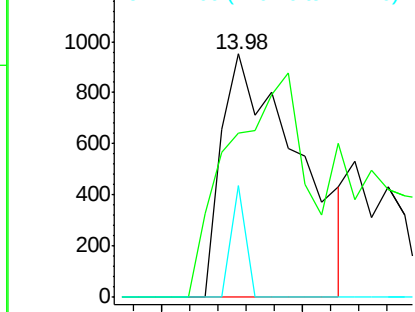
#41
 2,4,6-Tribromophenol
 Concen: 1.35 ng
 RT: 13.98 min Scan# 2047
 Delta R.T. 0.06 min
 Lab File: BF095261.D
 Acq: 19 May 2017 12:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 1786
 Ion Ratio Lower Upper
 330 100
 332 91.2 76.6 115.0
 141 8.6 31.4 47.2#

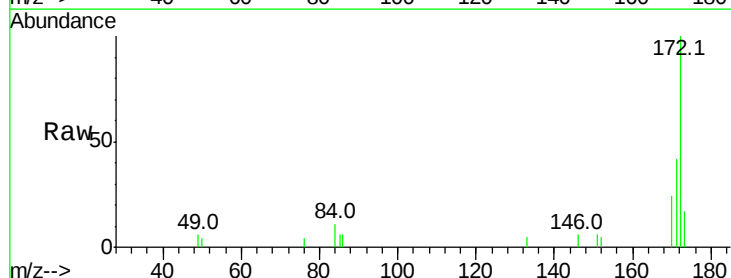


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

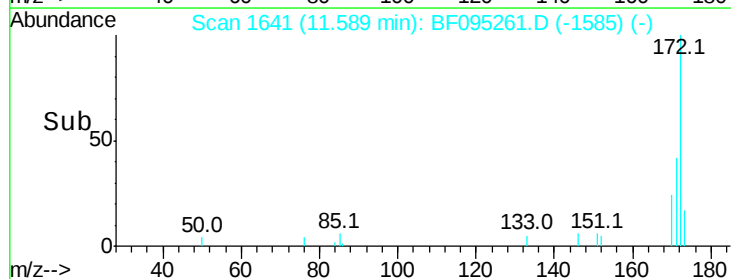
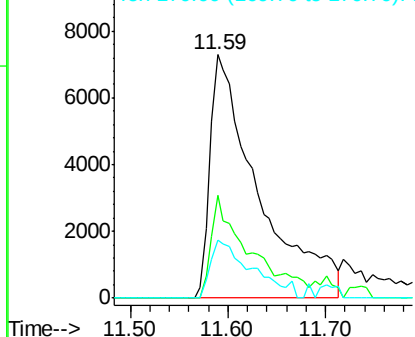


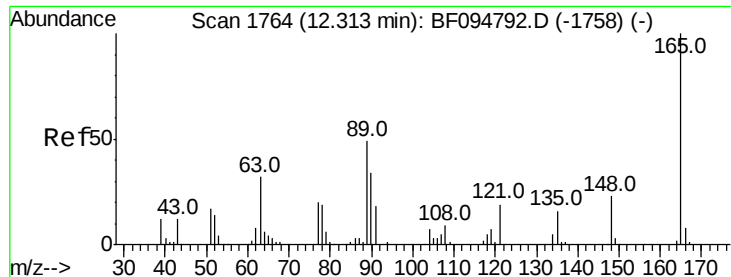
#44
 2-Fluorobiphenyl
 Concen: 2.24 ng
 RT: 11.59 min Scan# 1641
 Delta R.T. 0.03 min
 Lab File: BF095261.D
 Acq: 19 May 2017 12:38

Tgt Ion:172 Resp: 25114
 Ion Ratio Lower Upper
 172 100
 171 42.3 29.6 44.4
 170 23.9 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

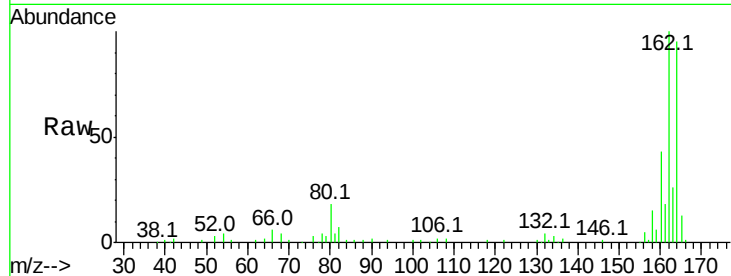




#50
 2,6-Dinitrotoluene
 Concen: 5.69 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.26 min
 Lab File: BF095261.D
 Acq: 19 May 2017 12:38

Instrument :
 BNA_F
 ClientSampleID :

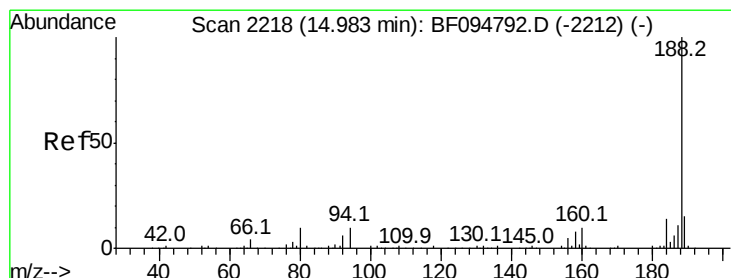
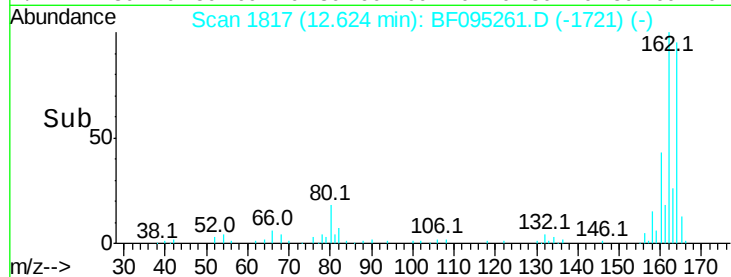
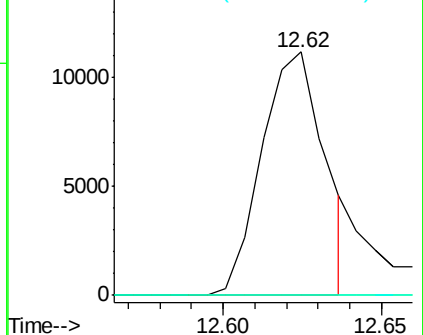
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

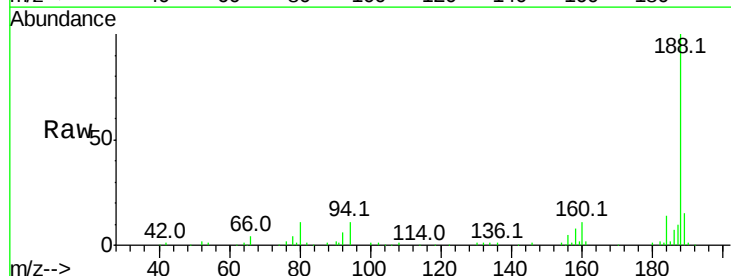
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095261.D
 Acq: 19 May 2017 12:38

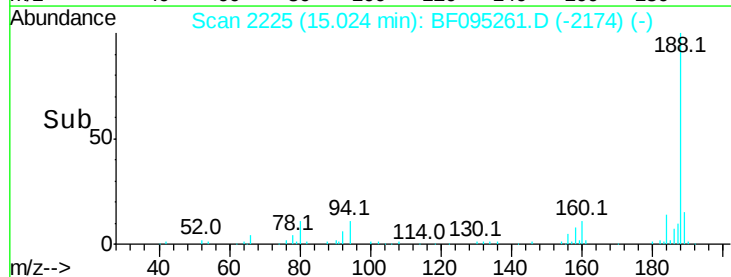
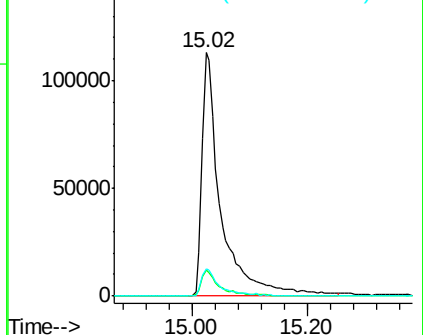
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.3	10.2	15.2



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: 18.69 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BF095261.D

Acq: 19 May 2017 12:38

Instrument :

BNA_F

ClientSampleId :

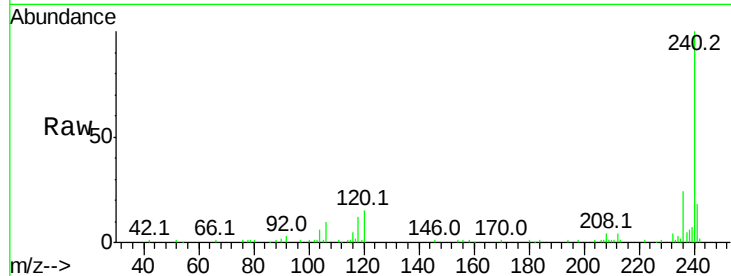
Tot Ion:240 Resp: 148222

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

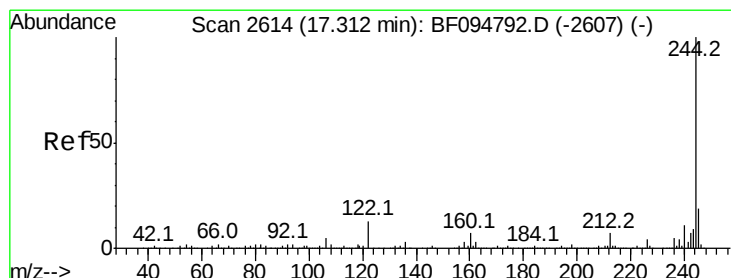
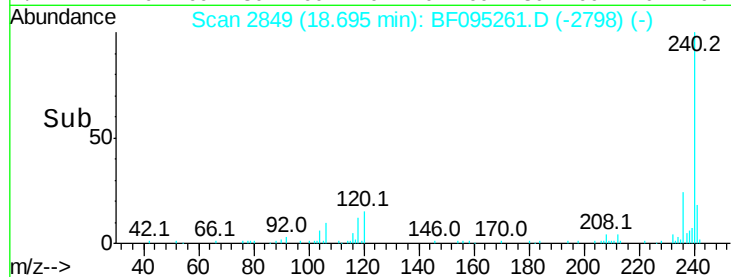
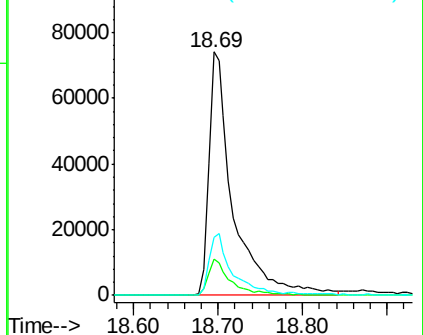
236 23.6 20.5 30.7



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: 2.39 ng

RT: 17.35 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BF095261.D

Acq: 19 May 2017 12:38

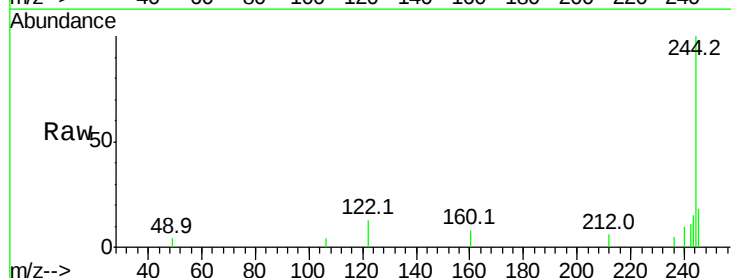
Tgt Ion:244 Resp: 16099

Ion Ratio Lower Upper

244 100

212 5.6 6.0 9.0#

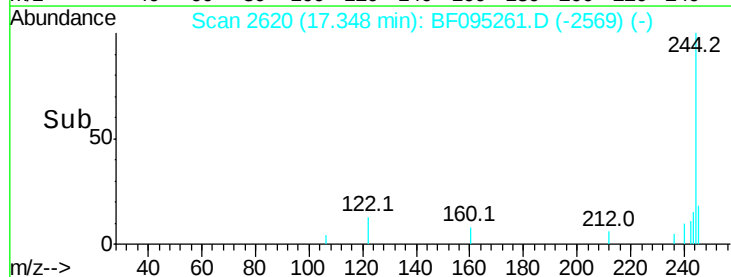
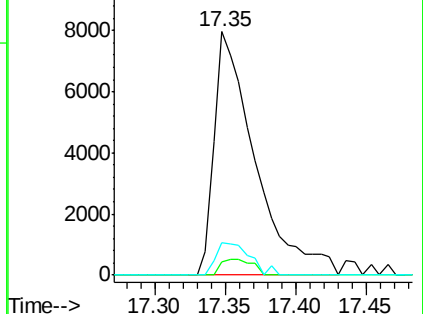
122 13.3 10.3 15.5

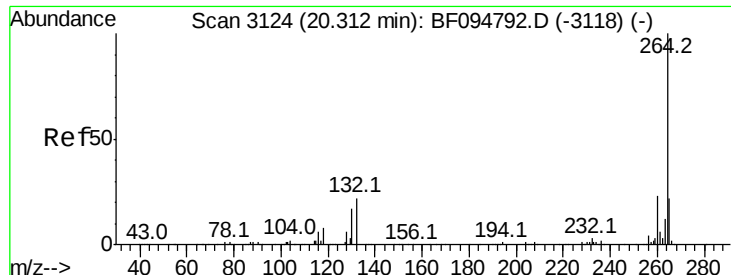


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.37 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095261.D
Acq: 19 May 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 151775
Ion Ratio Lower Upper
264 100
260 22.5 19.5 29.3
265 21.9 17.2 25.8

