

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095352.D
 Acq On : 23 May 2017 15:41
 Operator : SJ/MA
 Sample : I3224-01 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:27:35 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

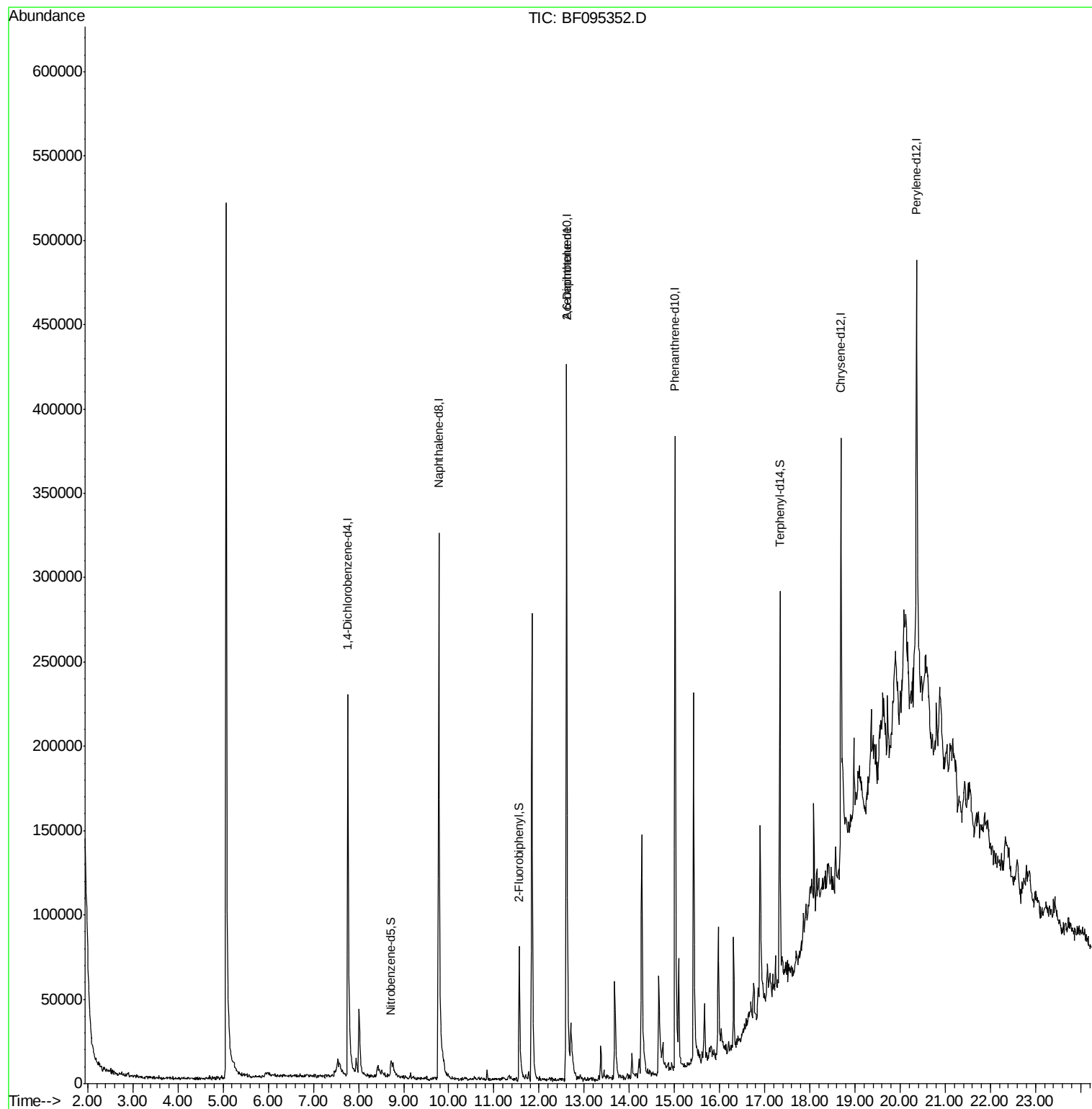
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	77055	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	335338	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	163947	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	268908	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	152490	20.00	ng	0.00
86) Perylene-d12	20.37	264	148165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	1272	0.28	ng	0.20
7) Phenol-d6	7.48	99	3784	0.68	ng	0.16
23) Nitrobenzene-d5	8.71	82	15198	2.86	ng	0.04
41) 2,4,6-Tribromophenol	13.96	330	1612	1.20	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	56891	4.99	ng	0.00
78) Terphenyl-d14	17.33	244	47684	6.89	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	12.61	165	17183	6.26	ng	Qvalue # 31

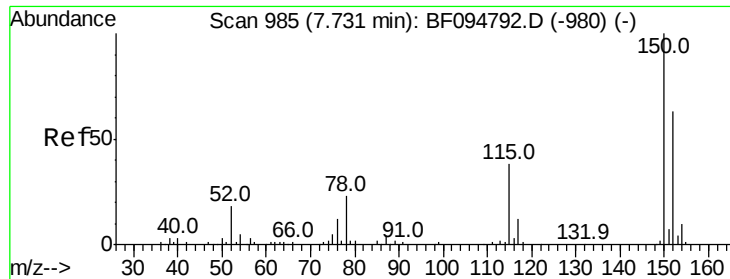
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
Data File : BF095352.D
Acq On : 23 May 2017 15:41
Operator : SJ/MA
Sample : I3224-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 24 01:27:35 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



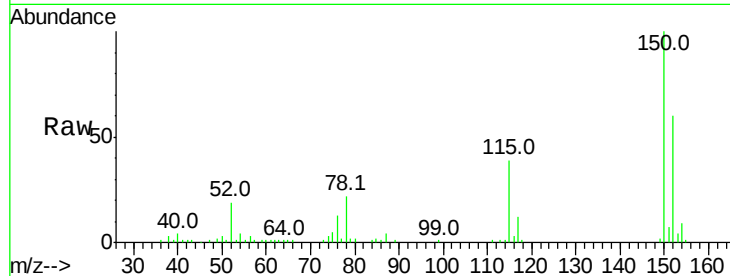


#1

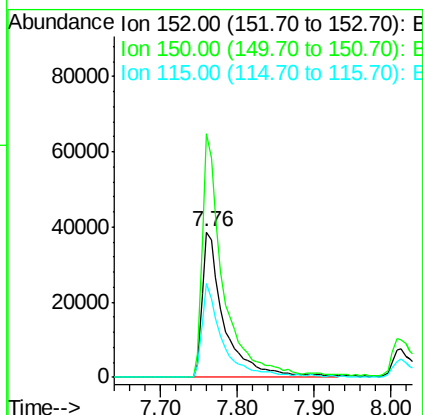
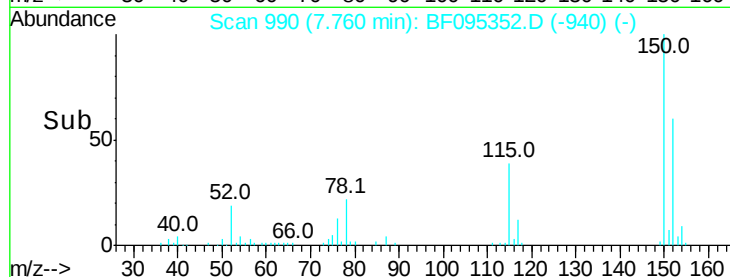
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095352.D
Acq: 23 May 2017 15:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77055
Ion Ratio Lower Upper
152 100
150 167.7 126.2 189.2
115 64.7 52.2 78.2



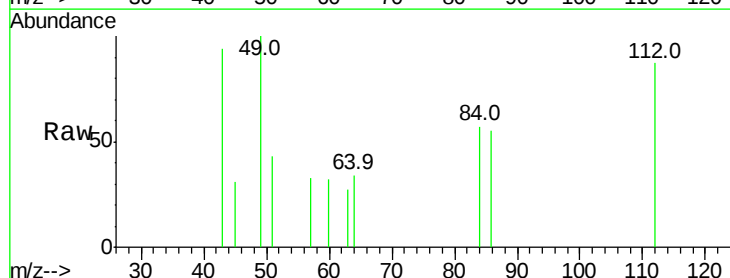
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



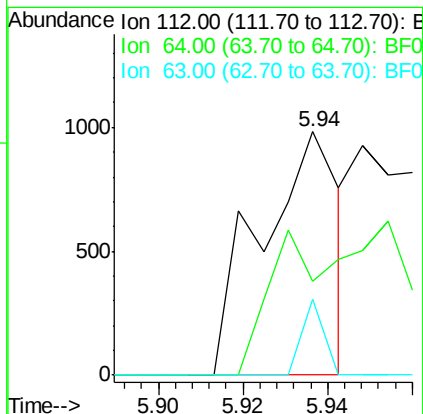
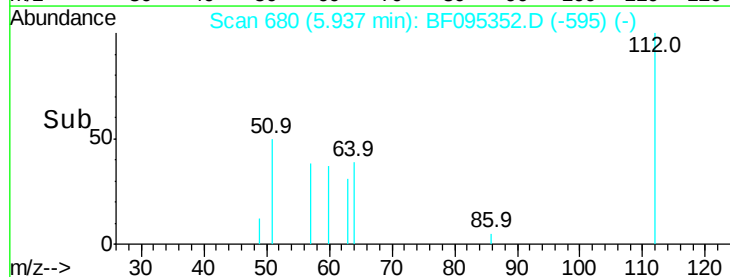
#5

2-Fluorophenol
Concen: 0.28 ng
RT: 5.94 min Scan# 680
Delta R.T. 0.20 min
Lab File: BF095352.D
Acq: 23 May 2017 15:41

Tgt Ion:112 Resp: 1272
Ion Ratio Lower Upper
112 100
64 38.7 46.0 69.0#
63 31.0 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: 0.68 ng

RT: 7.48 min Scan# 942

Delta R.T. 0.16 min

Lab File: BF095352.D

Acq: 23 May 2017 15:41

Instrument :

BNA_F

ClientSampleId :

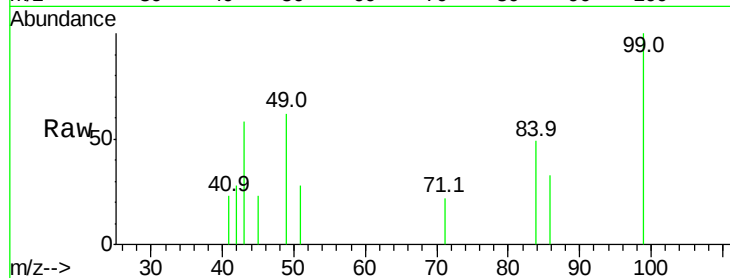
Tot Ion: 99 Resp: 3784

Ion Ratio Lower Upper

99 100

42 28.5 13.5 20.3#

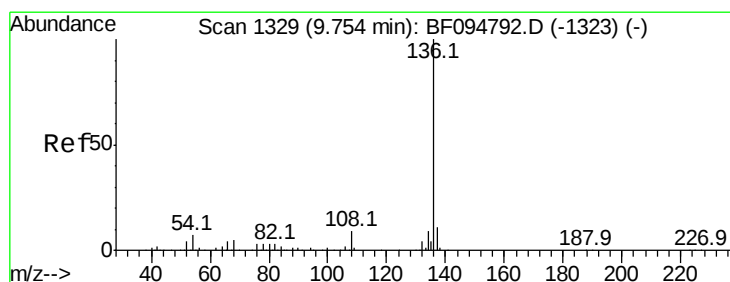
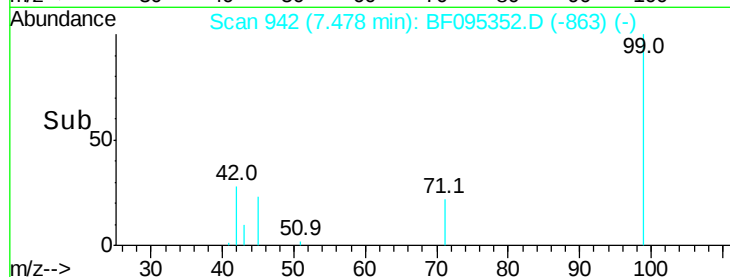
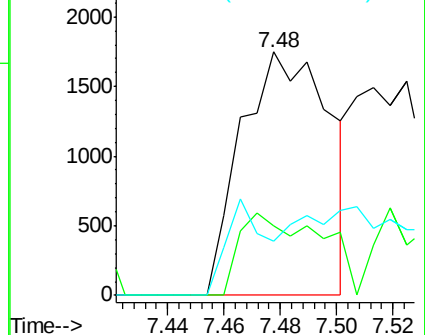
71 22.2 24.5 36.7#



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: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095352.D

Acq: 23 May 2017 15:41

Tgt Ion: 136 Resp: 335338

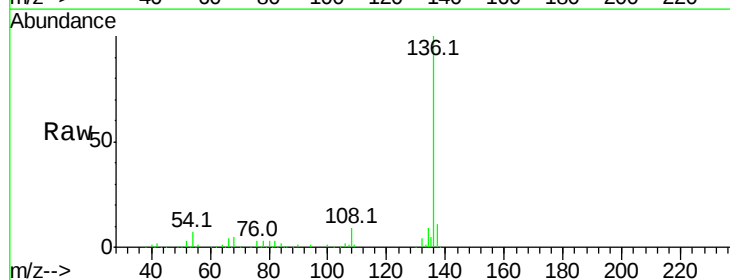
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.7 4.9 7.3

68 5.5 4.1 6.1

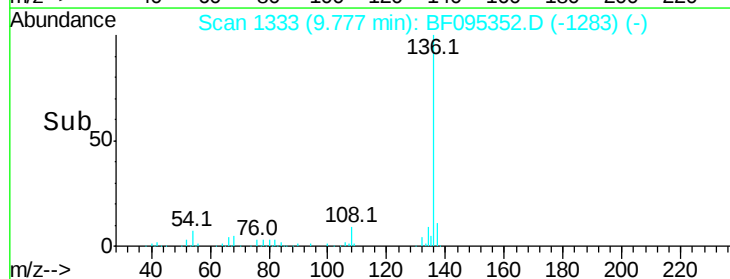
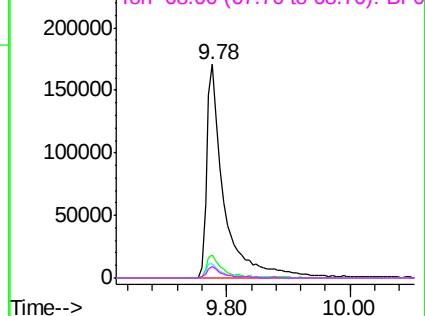


Abundance Ion 136.00 (135.70 to 136.70): E

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

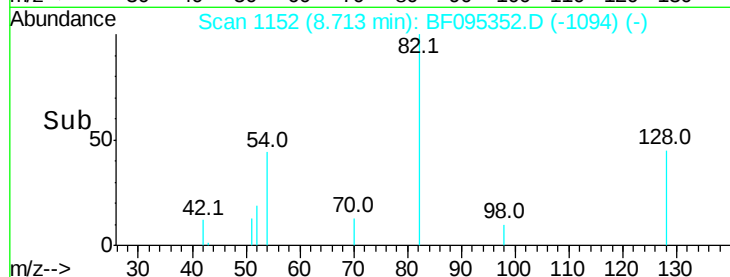
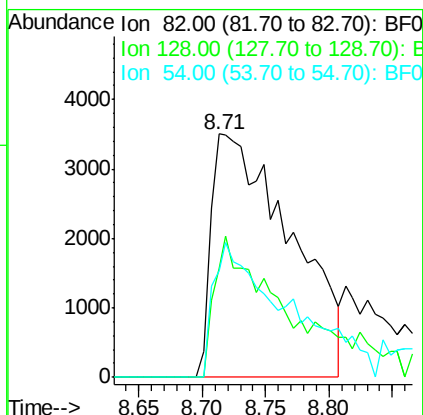
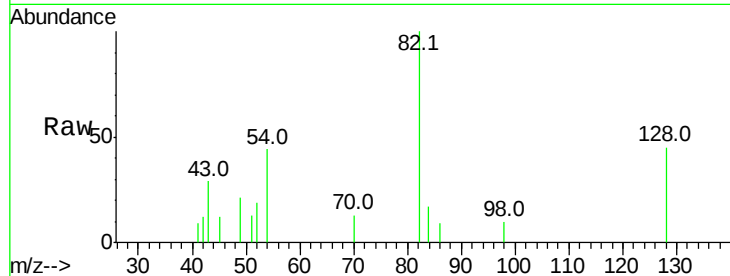




#23
 Nitrobenzene-d5
 Concen: 2.86 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. 0.04 min
 Lab File: BF095352.D
 Acq: 23 May 2017 15:41

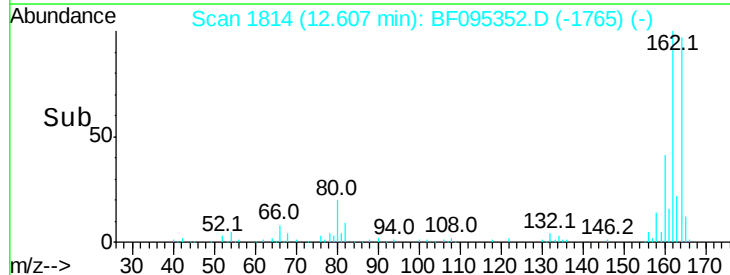
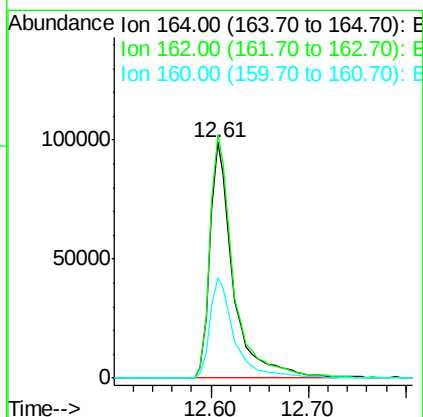
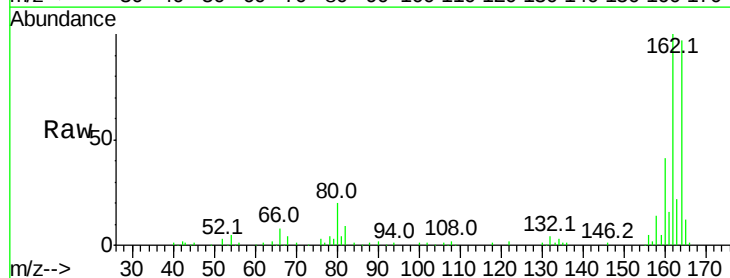
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 15198
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.0 51.0
 54 43.7 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: BF095352.D
 Acq: 23 May 2017 15:41

Tgt Ion:164 Resp: 163947
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 42.5 36.2 54.2

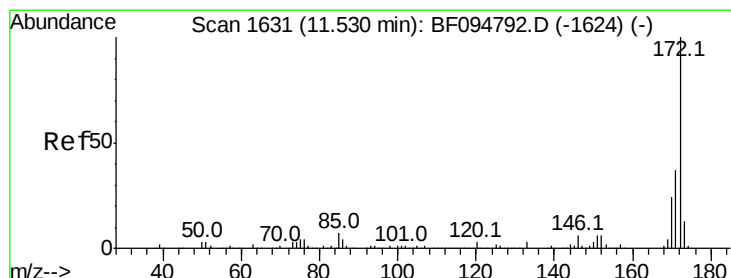
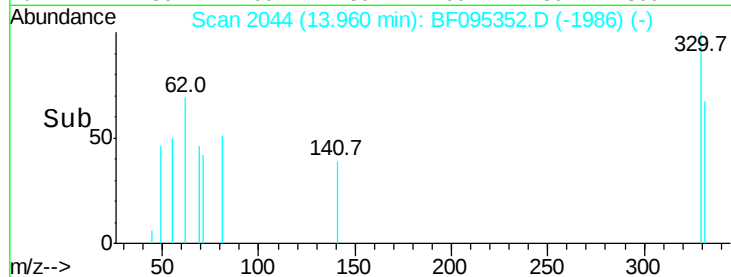
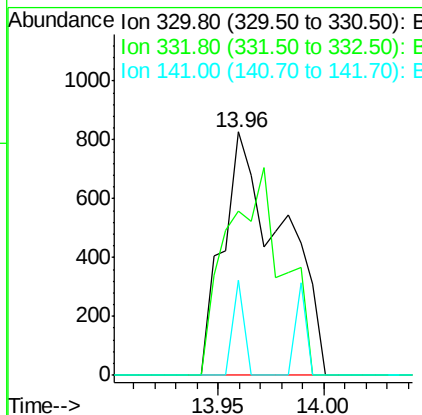
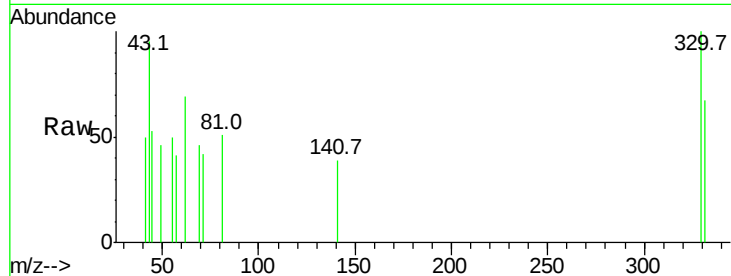




#41
 2,4,6-Tribromophenol
 Concen: 1.20 ng
 RT: 13.96 min Scan# 2044
 Delta R.T. 0.04 min
 Lab File: BF095352.D
 Acq: 23 May 2017 15:41

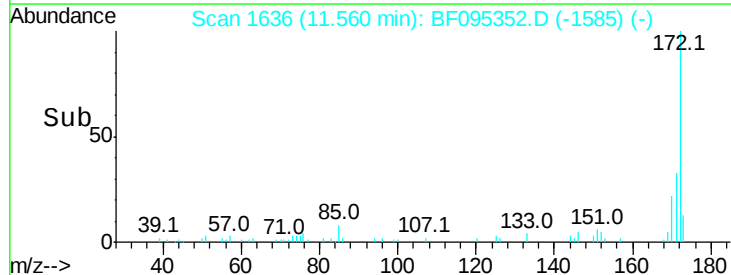
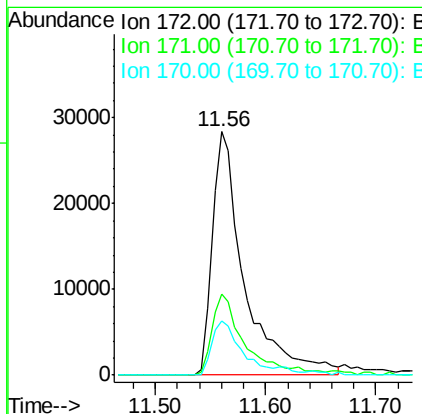
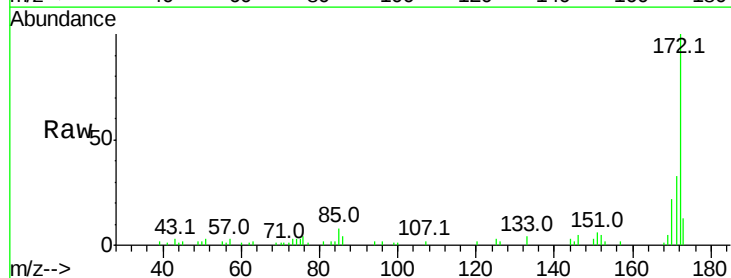
Instrument :
 BNA_F
 ClientSampleId :

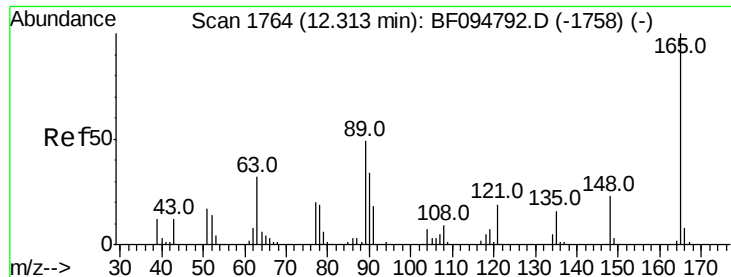
Tot Ion:330 Resp: 1612
 Ion Ratio Lower Upper
 330 100
 332 80.3 76.6 115.0
 141 7.1 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 4.99 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095352.D
 Acq: 23 May 2017 15:41

Tgt Ion:172 Resp: 56891
 Ion Ratio Lower Upper
 172 100
 171 33.2 29.6 44.4
 170 22.2 19.8 29.8

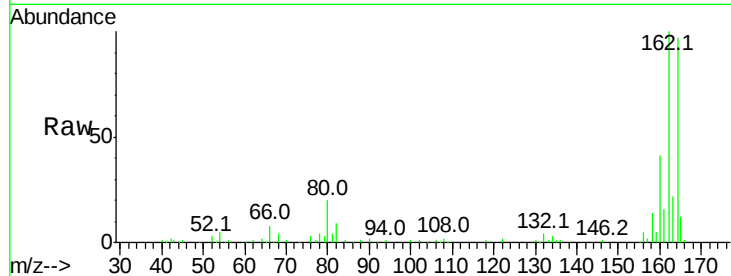




#50
 2,6-Dinitrotoluene
 Concen: 6.26 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. 0.25 min
 Lab File: BF095352.D
 Acq: 23 May 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :

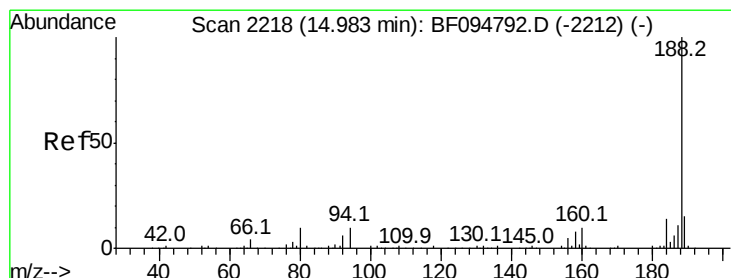
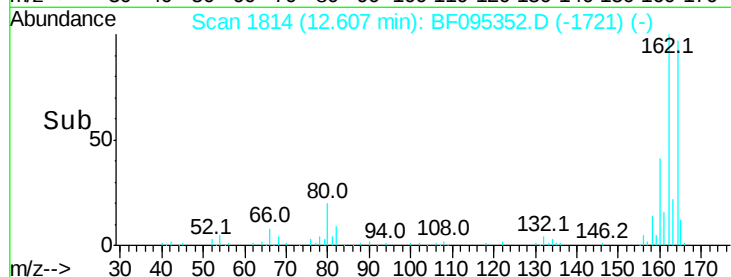
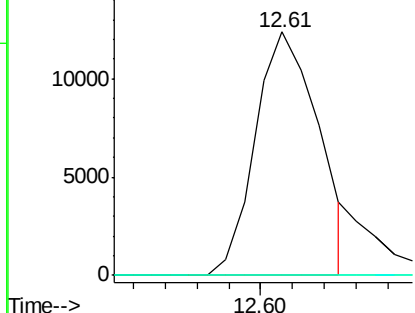
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

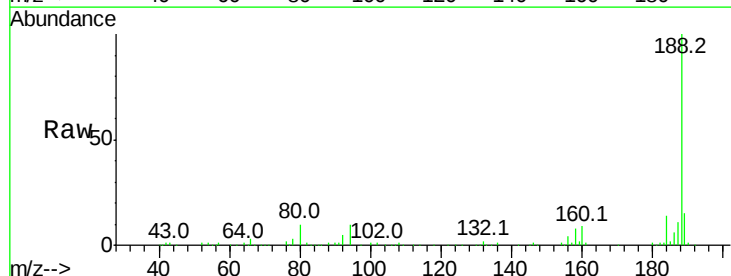
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095352.D
 Acq: 23 May 2017 15:41

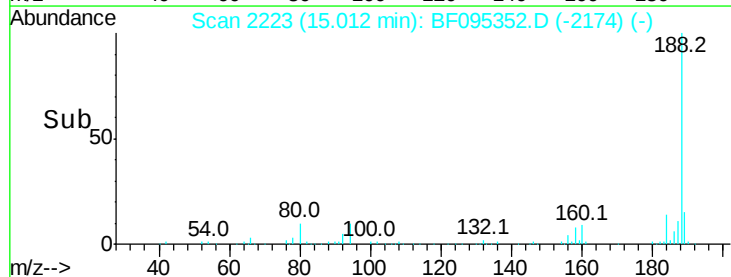
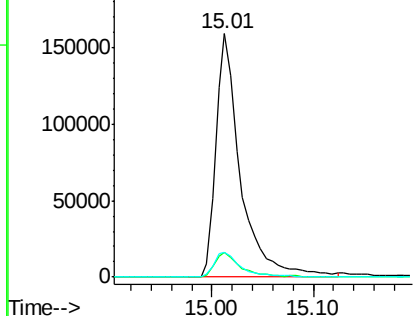
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.4	10.2	15.2

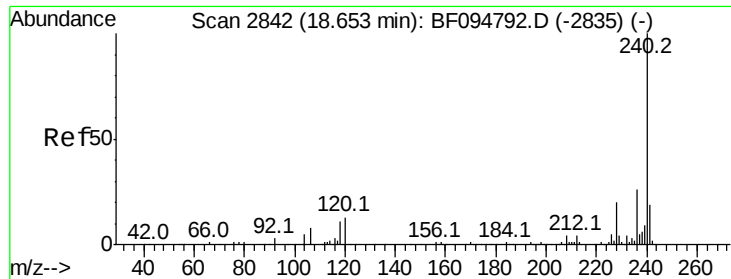


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2848

Delta R.T. -0.01 min

Lab File: BF095352.D

Acq: 23 May 2017 15:41

Instrument :

BNA_F

ClientSampleId :

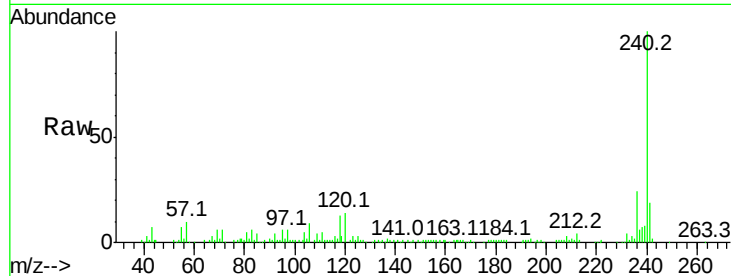
Tot Ion:240 Resp: 152490

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

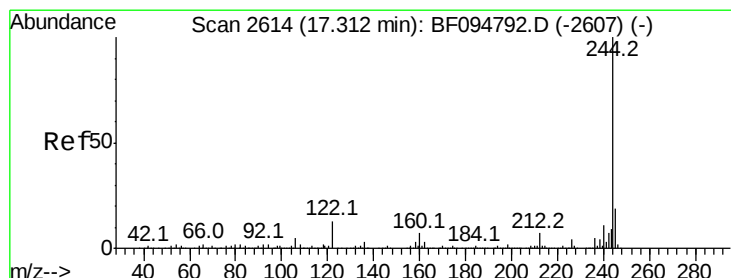
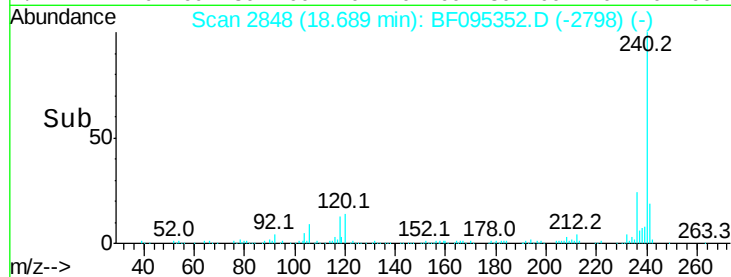
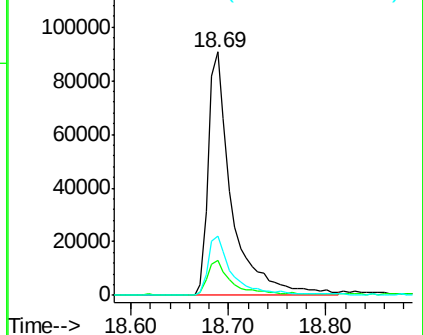
236 24.3 20.5 30.7



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: 6.89 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095352.D

Acq: 23 May 2017 15:41

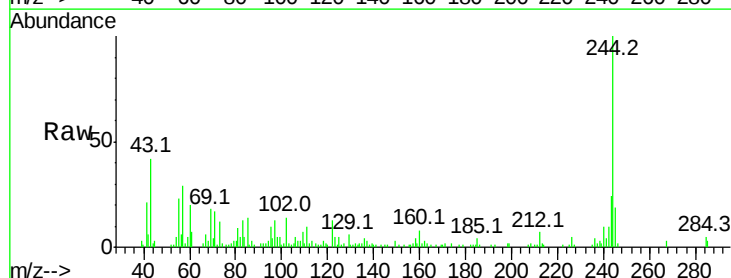
Tgt Ion:244 Resp: 47684

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

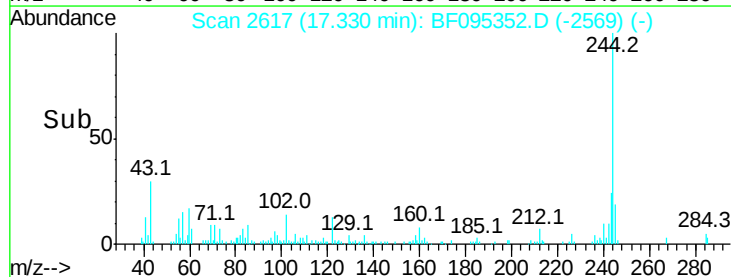
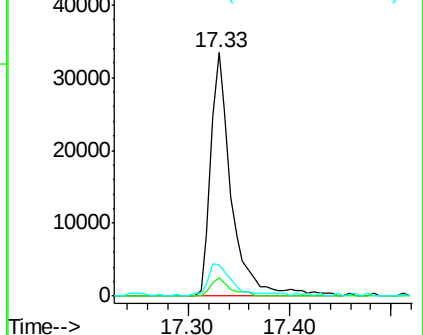
122 12.9 10.3 15.5

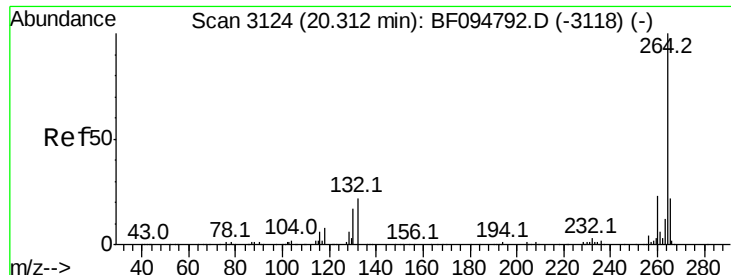


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

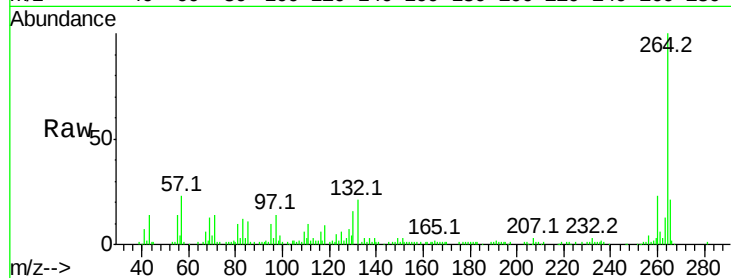




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095352.D
 Acq: 23 May 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 148165
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 20.5 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

