

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095452.D
 Acq On : 26 May 2017 8:18
 Operator : SJ/MA
 Sample : I3347-05 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 09:01:37 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

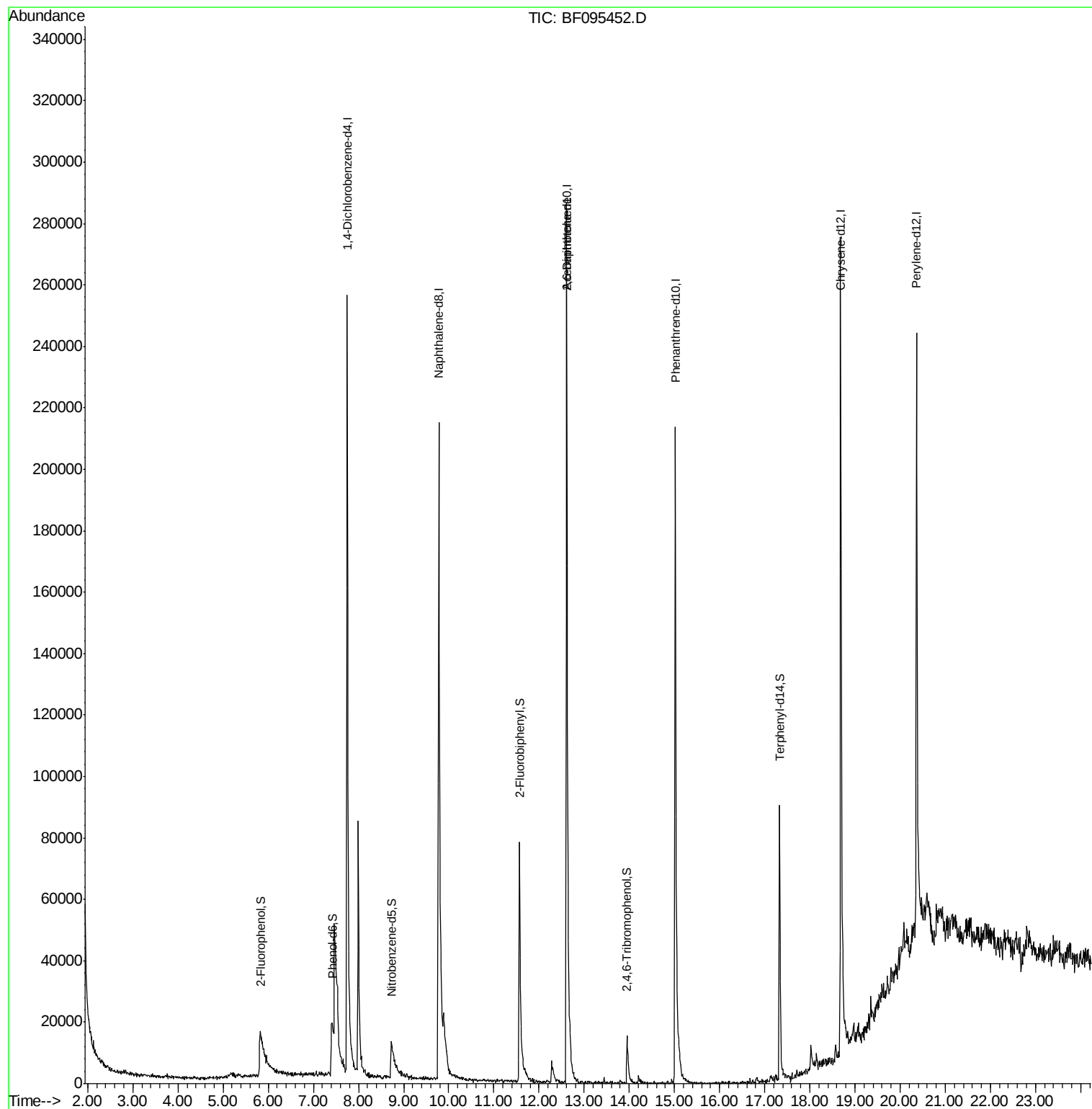
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	81308	20.00	ng	-0.02
21) Naphthalene-d8	9.78	136	271746	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	139121	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	193980	20.00	ng	0.00
75) Chrysene-d12	18.68	240	169190	20.00	ng	-0.01
86) Perylene-d12	20.37	264	113933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	26478	5.43	ng	0.09
7) Phenol-d6	7.41	99	33188	5.67	ng	0.10
23) Nitrobenzene-d5	8.73	82	13005	3.02	ng	0.06
41) 2,4,6-Tribromophenol	13.95	330	6727	5.90	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	84049	8.70	ng	0.00
78) Terphenyl-d14	17.33	244	54139	7.05	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	12.61	165	13409	5.75	ng	Qvalue # 31

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

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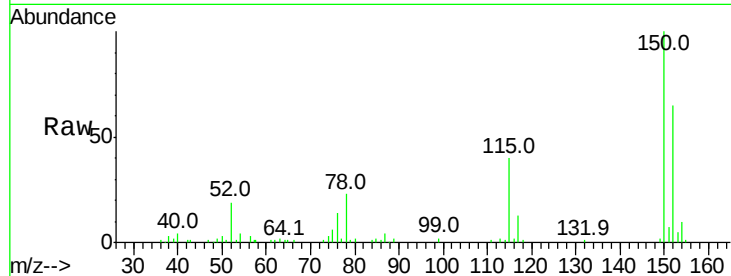


#1

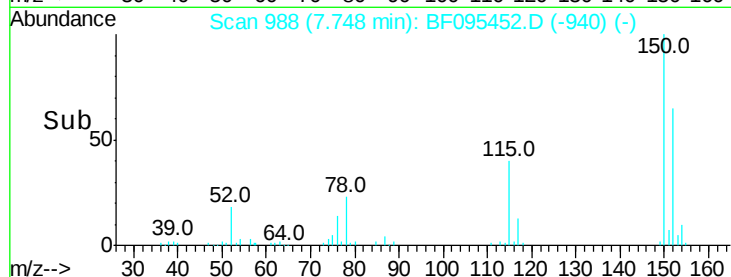
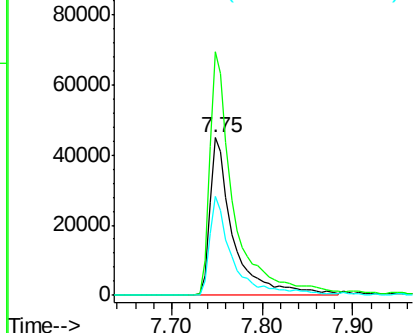
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095452.D
Acq: 26 May 2017 8:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 81308
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 62.6 52.2 78.2



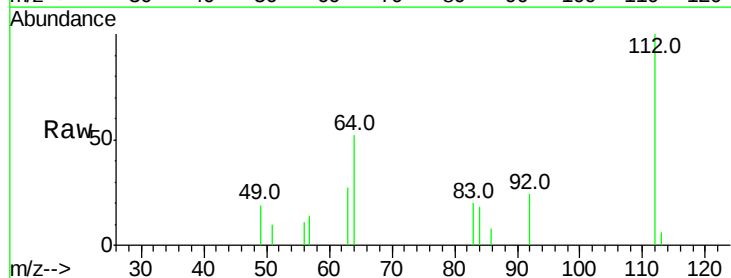
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



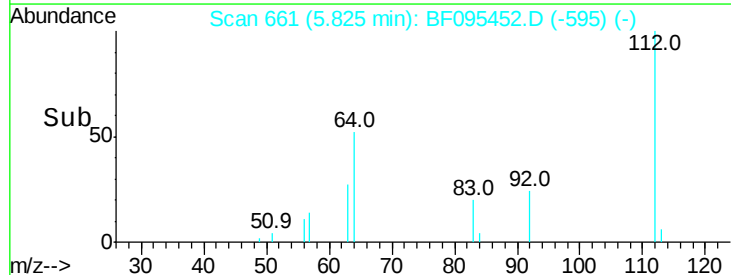
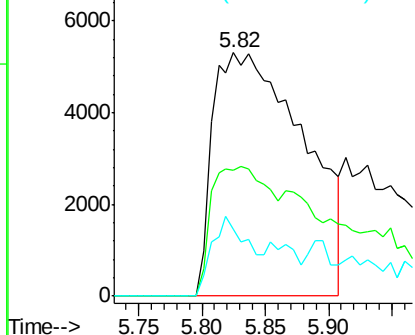
#5

2-Fluorophenol
Concen: 5.43 ng
RT: 5.82 min Scan# 661
Delta R.T. 0.09 min
Lab File: BF095452.D
Acq: 26 May 2017 8:18

Tgt Ion:112 Resp: 26478
Ion Ratio Lower Upper
112 100
64 51.6 46.0 69.0
63 27.5 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: 5.67 ng

RT: 7.41 min Scan# 931

Delta R.T. 0.10 min

Lab File: BF095452.D

Acq: 26 May 2017 8:18

Instrument :

BNA_F

ClientSampled :

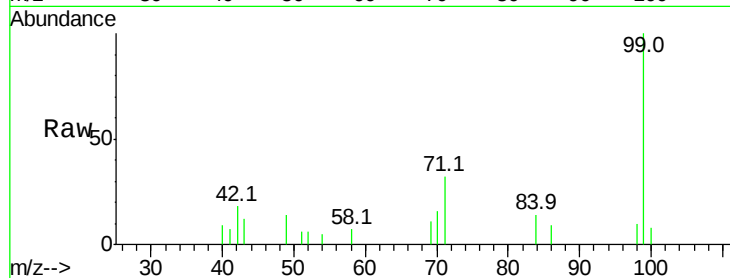
Tot Ion: 99 Resp: 33188

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

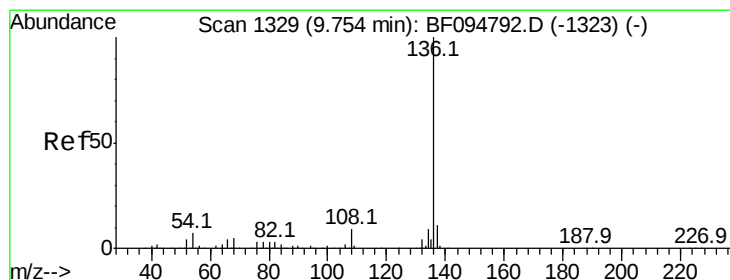
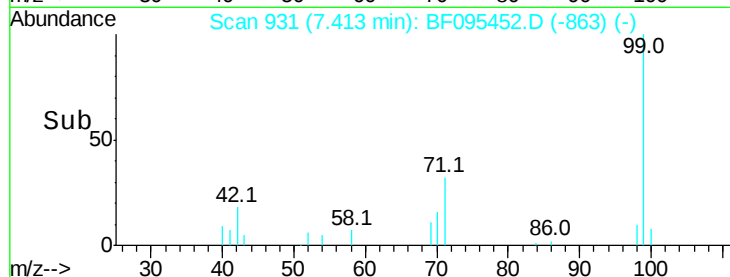
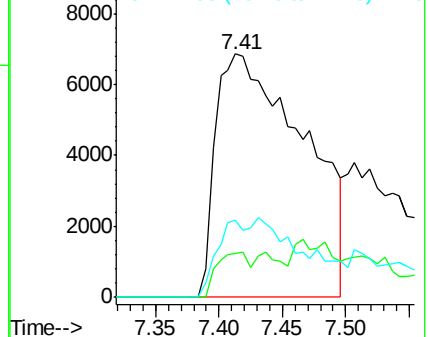
71 31.8 24.5 36.7



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: BF095452.D

Acq: 26 May 2017 8:18

Tgt Ion: 136 Resp: 271746

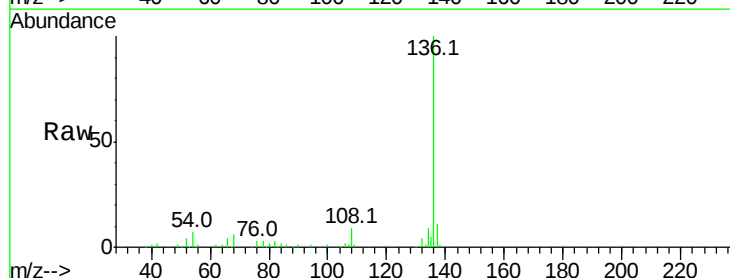
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.5 4.9 7.3#

68 5.6 4.1 6.1

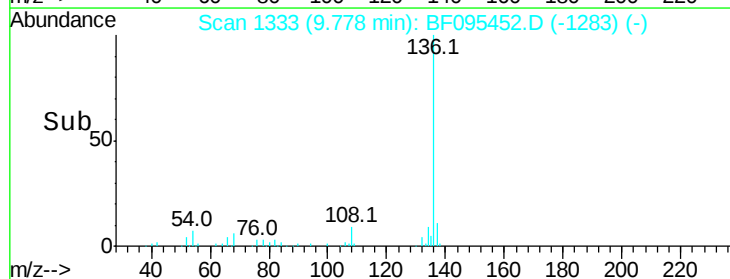
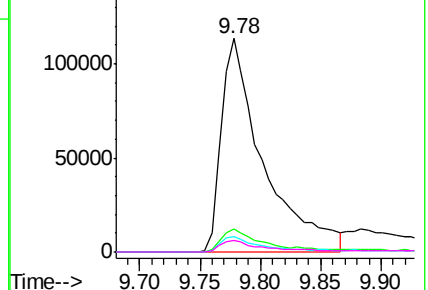


Abundance Ion 136.00 (135.70 to 136.70): E

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

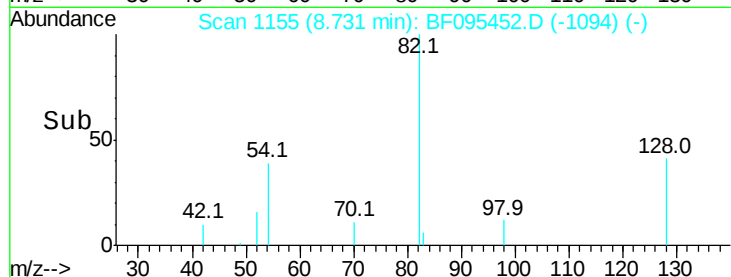
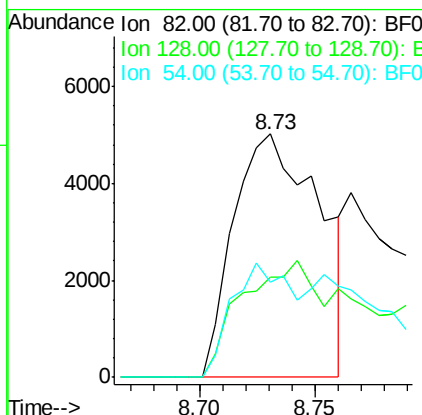
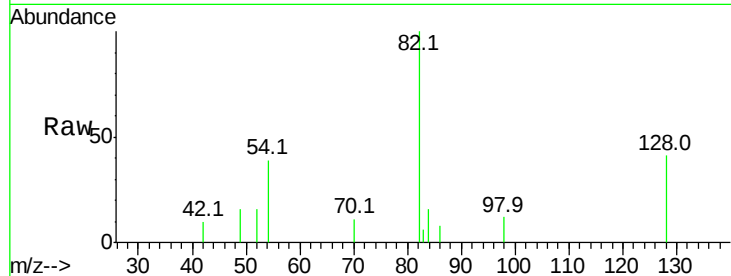




#23
Nitrobenzene-d5
Concen: 3.02 ng
RT: 8.73 min Scan# 1155
Delta R.T. 0.06 min
Lab File: BF095452.D
Acq: 26 May 2017 8:18

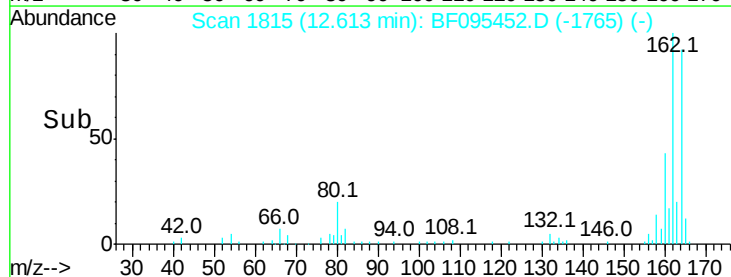
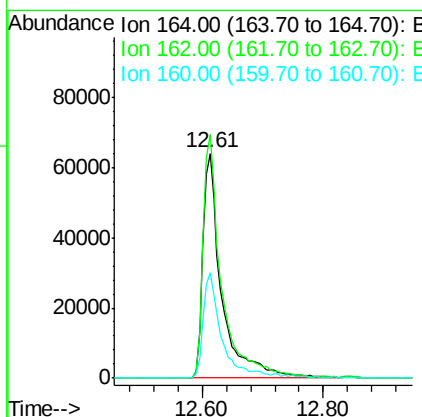
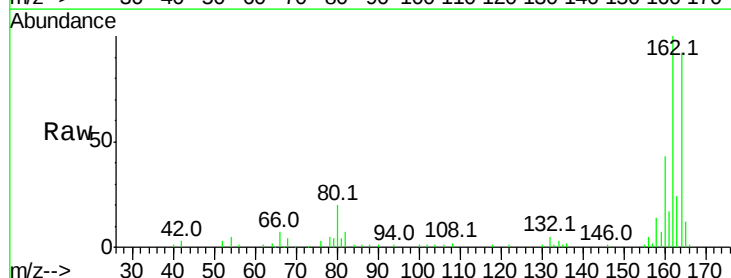
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 13005
Ion Ratio Lower Upper
82 100
128 41.3 34.0 51.0
54 39.2 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095452.D
Acq: 26 May 2017 8:18

Tgt Ion:164 Resp: 139121
Ion Ratio Lower Upper
164 100
162 108.4 82.6 123.8
160 46.9 36.2 54.2

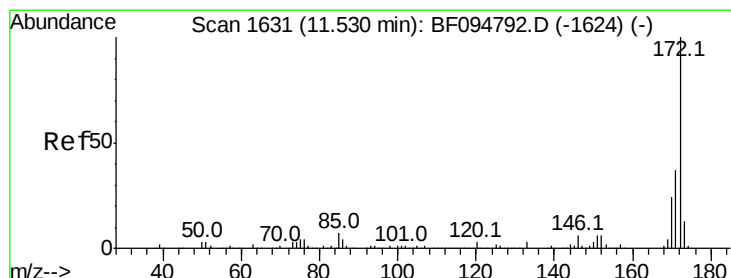
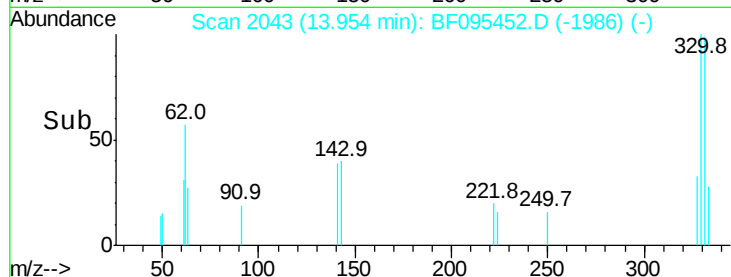
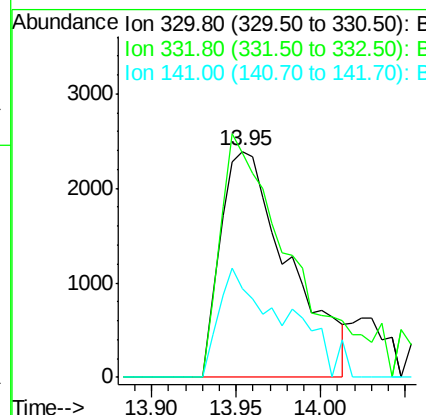
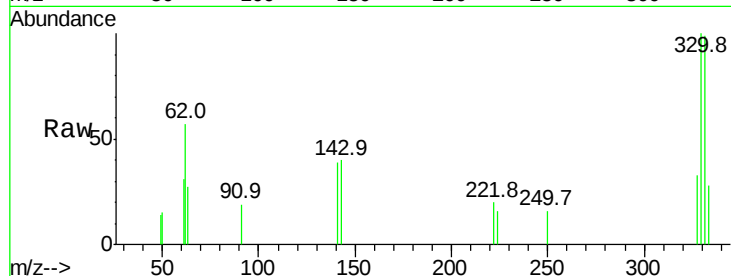




#41
 2,4,6-Tribromophenol
 Concen: 5.90 ng
 RT: 13.95 min Scan# 2043
 Delta R.T. 0.04 min
 Lab File: BF095452.D
 Acq: 26 May 2017 8:18

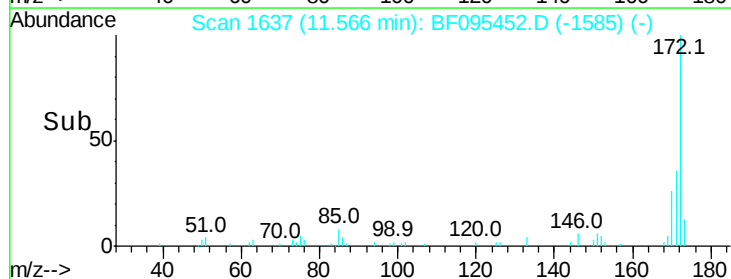
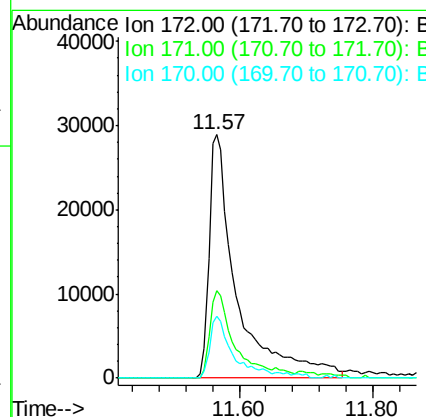
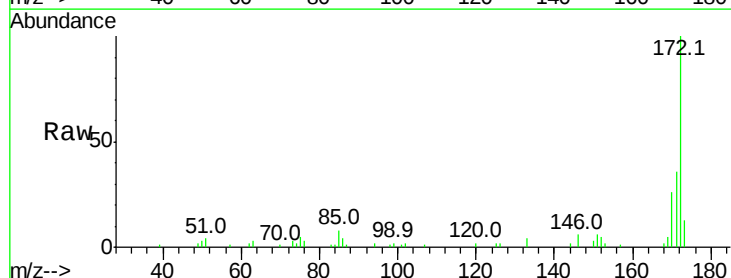
Instrument :
 BNA_F
 ClientSampleId :

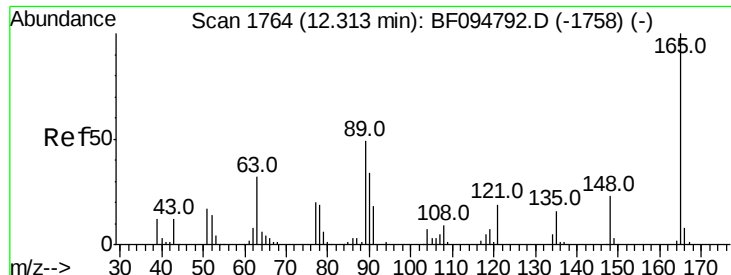
Tot Ion:330 Resp: 6727
 Ion Ratio Lower Upper
 330 100
 332 113.2 76.6 115.0
 141 32.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 8.70 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.01 min
 Lab File: BF095452.D
 Acq: 26 May 2017 8:18

Tgt Ion:172 Resp: 84049
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 25.5 19.8 29.8

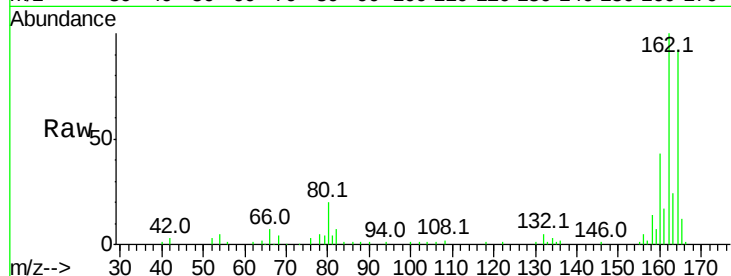




#50
 2,6-Dinitrotoluene
 Concen: 5.75 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095452.D
 Acq: 26 May 2017 8:18

Instrument :
 BNA_F
 ClientSampleId :

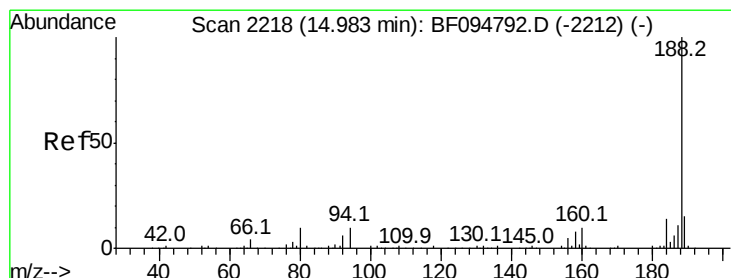
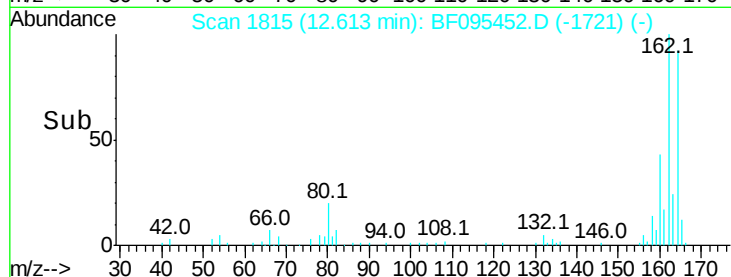
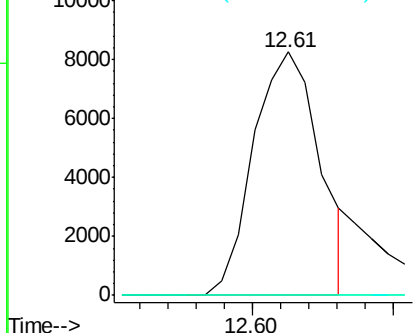
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

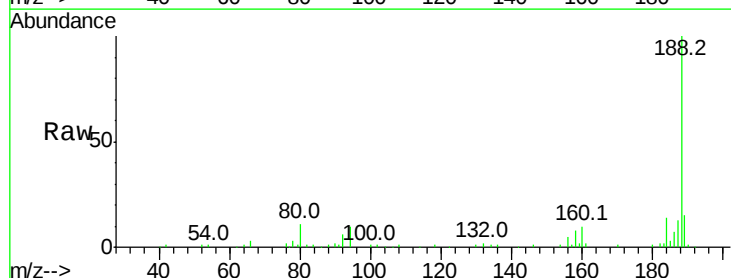
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095452.D
 Acq: 26 May 2017 8:18

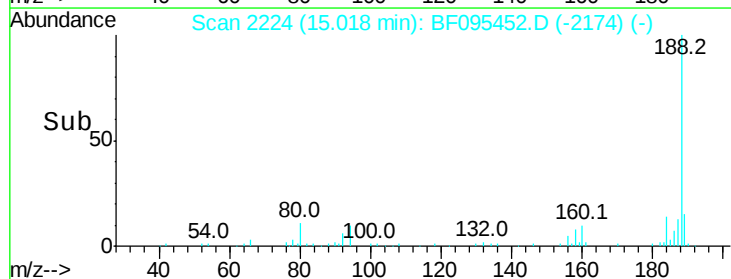
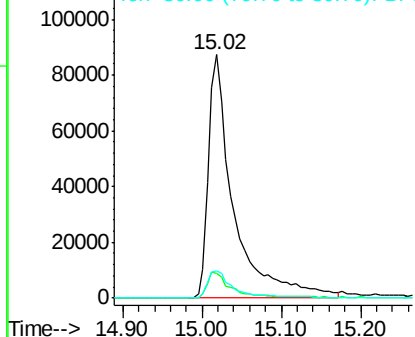
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.2	10.2	15.2



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: BF095452.D

Acq: 26 May 2017 8:18

Instrument :

BNA_F

ClientSampleId :

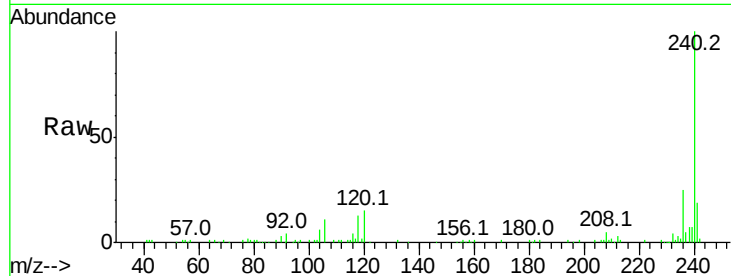
Tot Ion:240 Resp: 169190

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

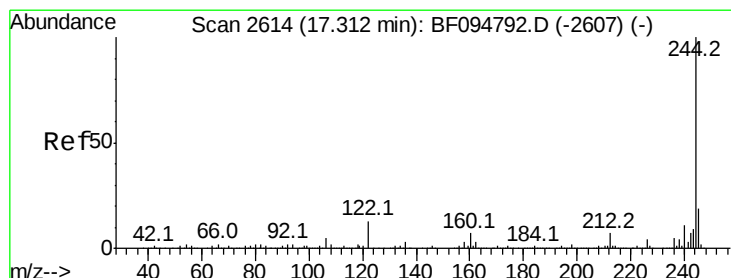
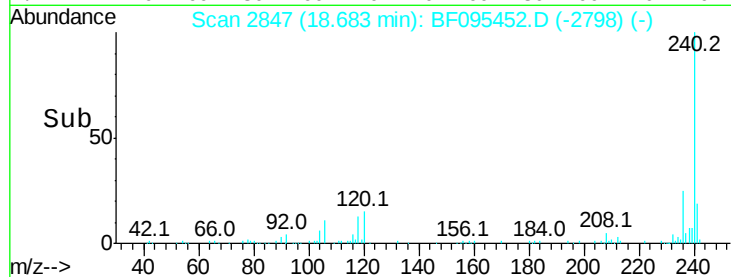
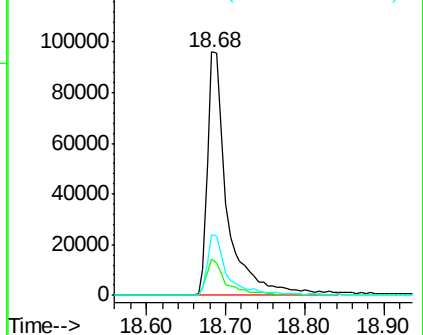
236 24.9 20.5 30.7



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: 7.05 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095452.D

Acq: 26 May 2017 8:18

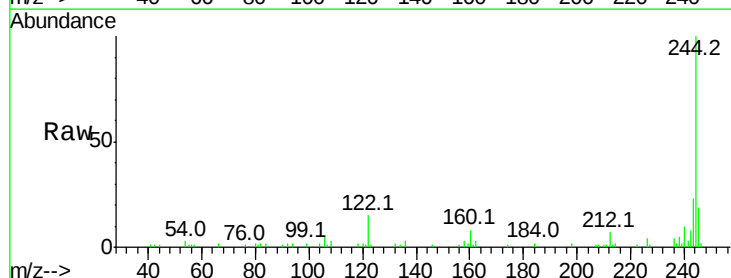
Tgt Ion:244 Resp: 54139

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

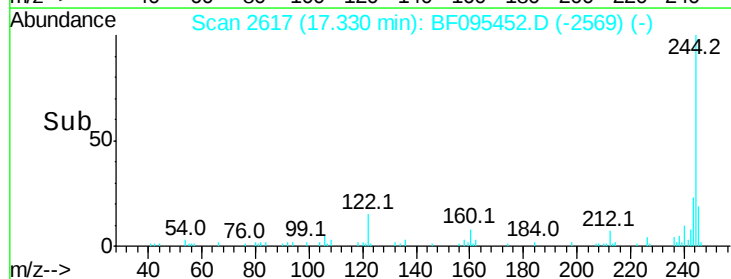
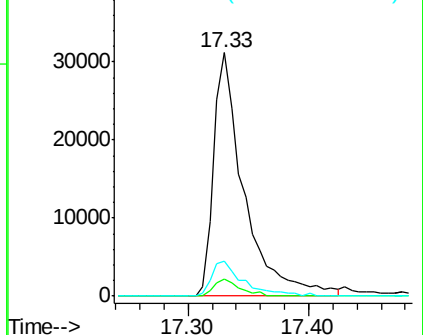
122 14.5 10.3 15.5

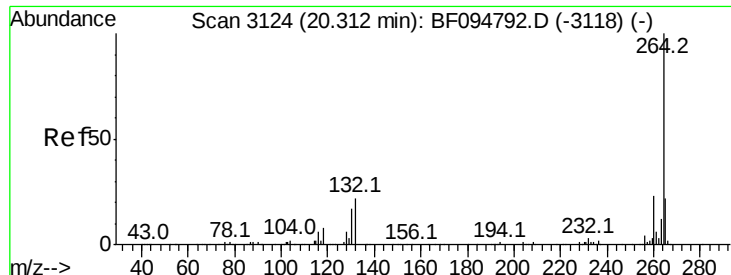


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

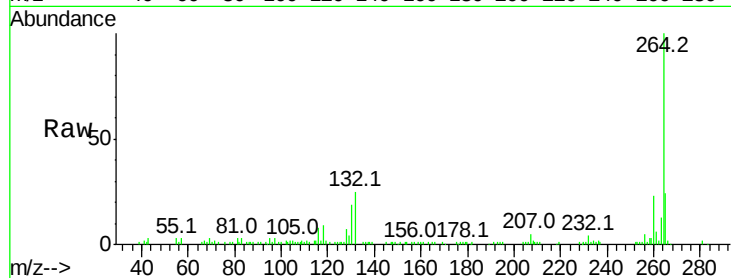




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095452.D
 Acq: 26 May 2017 8:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	23.6	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

