

Data Path : Z:\HPCHEM1\BNA_F\Data\BF061917\
 Data File : BF096036.D
 Acq On : 20 Jun 2017 9:35
 Operator : SJ/MA
 Sample : I3688-03 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G17-0-1.5

Quant Time: Jun 20 13:49:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

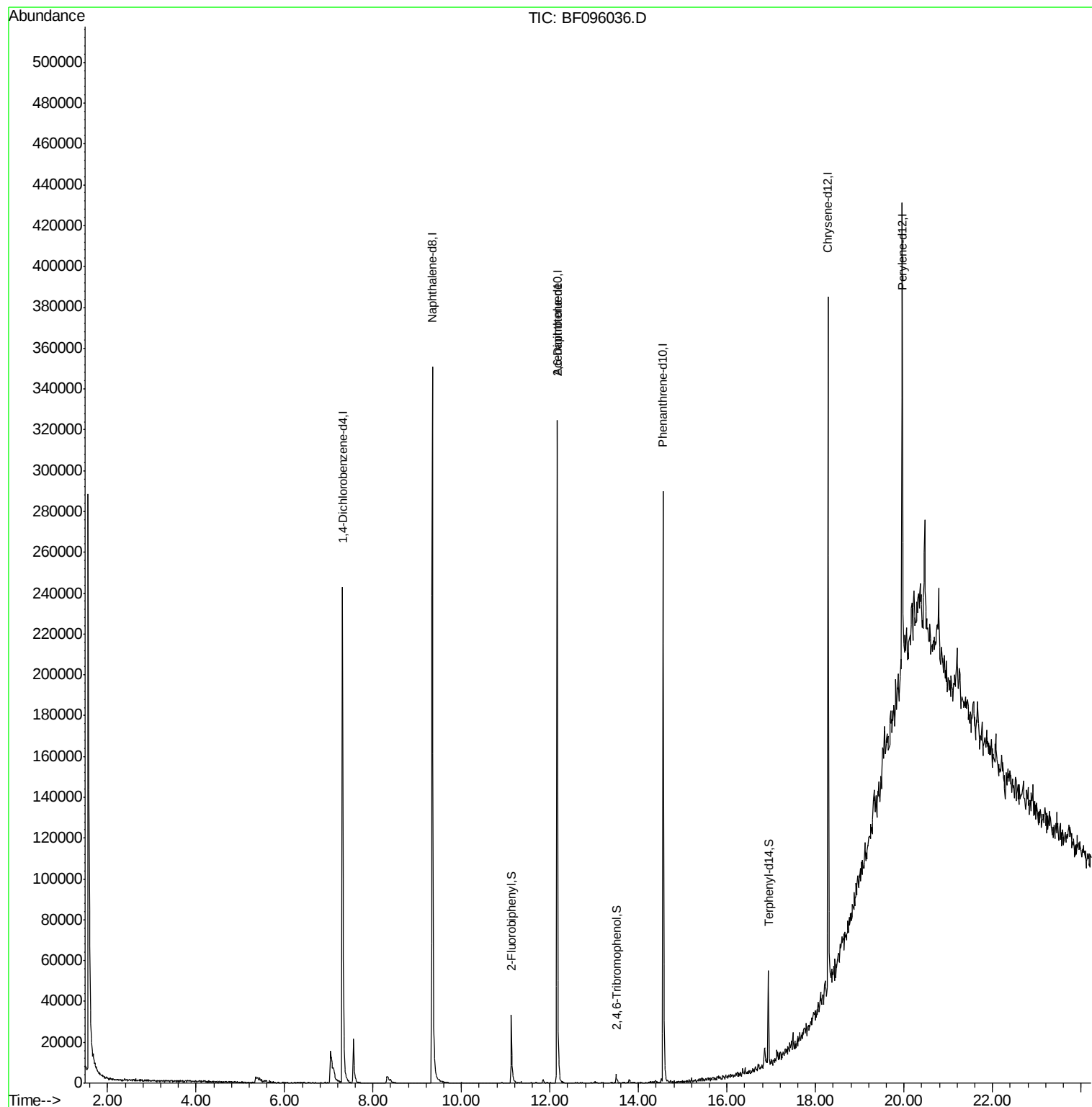
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	73725	20.00	ng	-0.01
21) Naphthalene-d8	9.34	136	274877	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	105204	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	169894	20.00	ng	-0.01
75) Chrysene-d12	18.29	240	142780	20.00	ng	-0.01
86) Perylene-d12	19.96	264	105016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	2865	0.62	ng	0.14
7) Phenol-d6	7.09	99	3689	0.67	ng	0.18
23) Nitrobenzene-d5	8.32	82	2141	0.48	ng	0.06
41) 2,4,6-Tribromophenol	13.49	330	2002	2.15	ng	0.01
44) 2-Fluorobiphenyl	11.13	172	24291	3.21	ng	-0.01
78) Terphenyl-d14	16.93	244	17763	3.09	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	12.16	165	13012	7.468	ng	Qvalue # 31

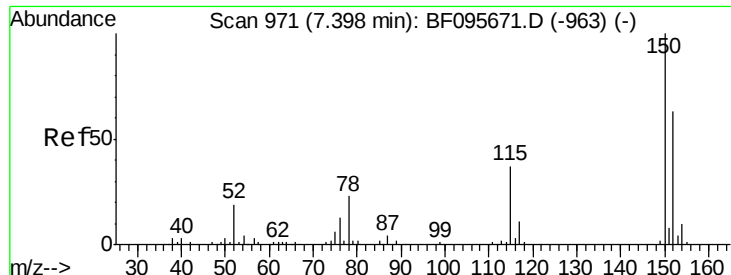
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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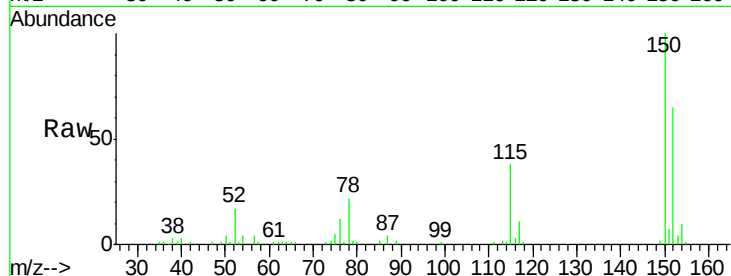


#1

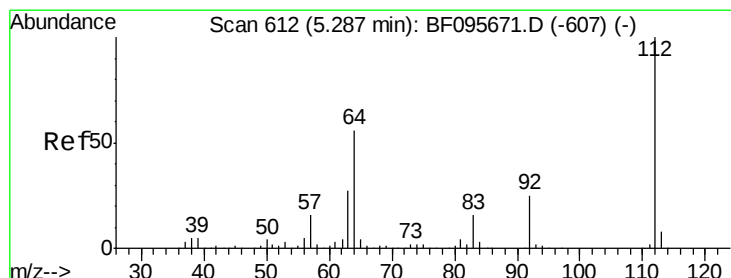
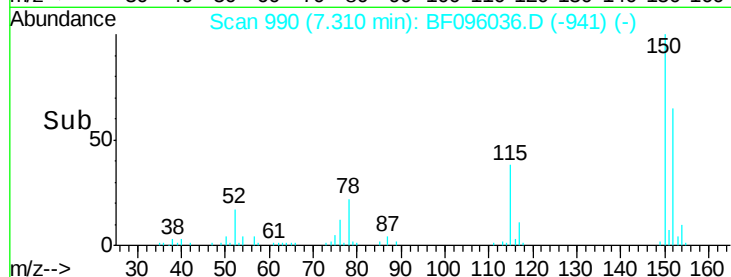
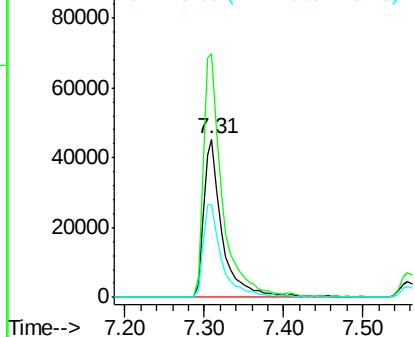
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.31 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF096036.D
Acq: 20 Jun 2017 9:35

Instrument :
BNA_F
ClientSampleId :
G17-0-1.5

Tgt Ion:152 Resp: 73725
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.2
115 58.3 52.2 78.2



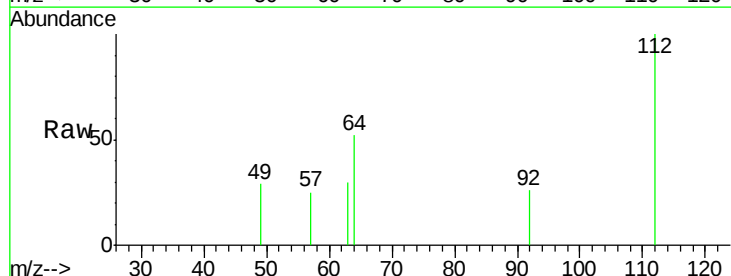
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



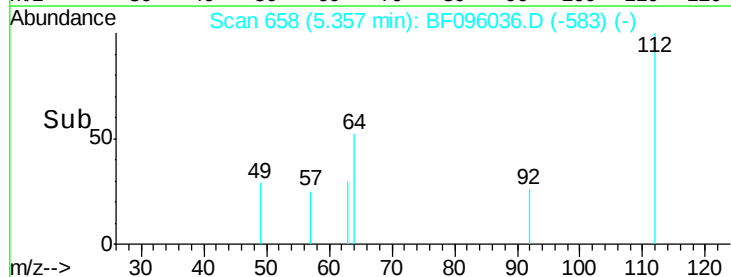
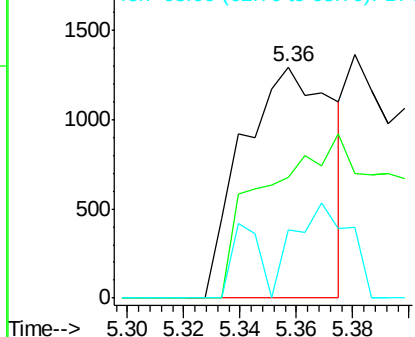
#5

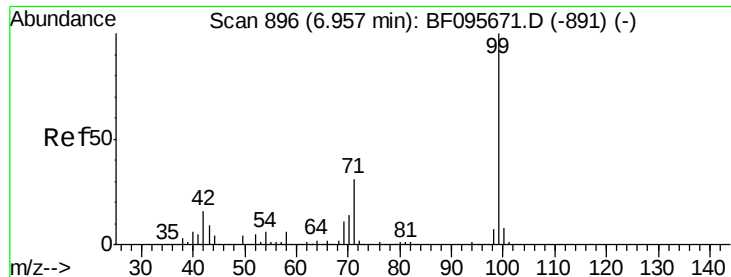
2-Fluorophenol
Concen: 0.619 ng
RT: 5.36 min Scan# 658
Delta R.T. 0.14 min
Lab File: BF096036.D
Acq: 20 Jun 2017 9:35

Tgt Ion:112 Resp: 2865
Ion Ratio Lower Upper
112 100
64 52.5 46.0 69.0
63 29.6 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: 0.666 ng

RT: 7.09 min Scan# 953

Delta R.T. 0.18 min

Lab File: BF096036.D

Acq: 20 Jun 2017 9:35

Instrument :

BNA_F

ClientSampleId :

G17-0-1.5

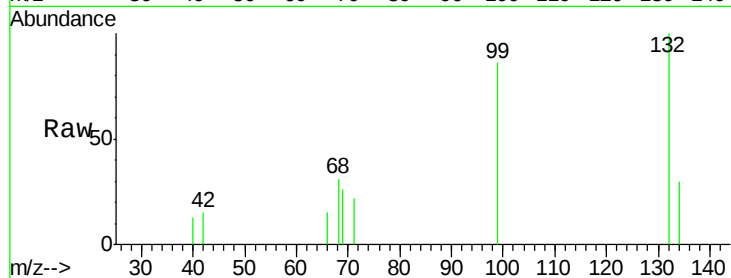
Tgt Ion: 99 Resp: 3689

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

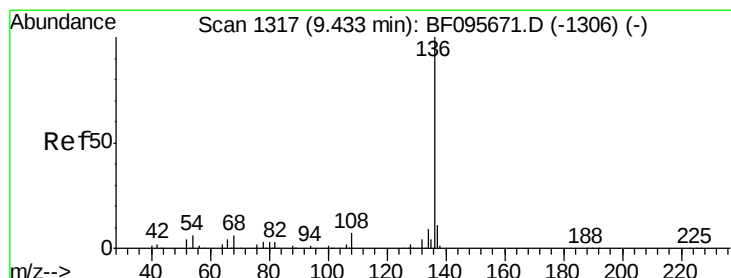
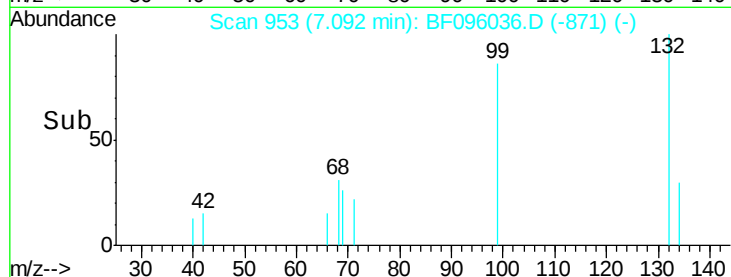
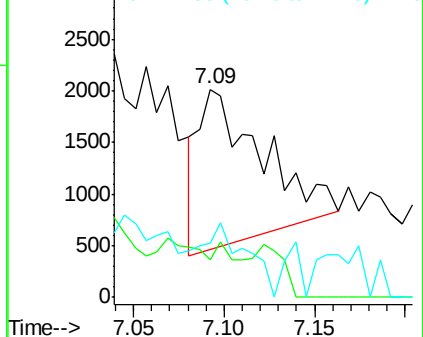
71 26.0 24.5 36.7



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: 20.000 ng

RT: 9.34 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096036.D

Acq: 20 Jun 2017 9:35

Tgt Ion: 136 Resp: 274877

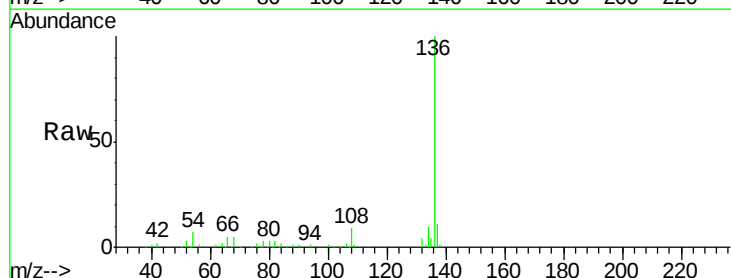
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 5.2 4.1 6.1

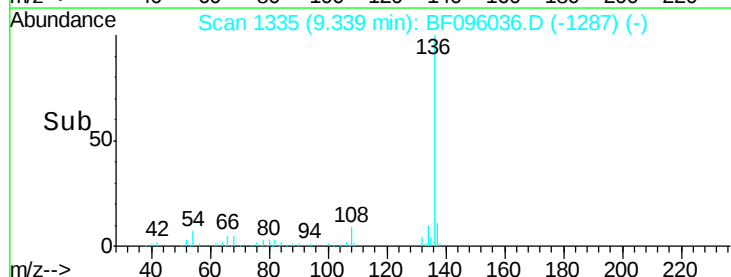
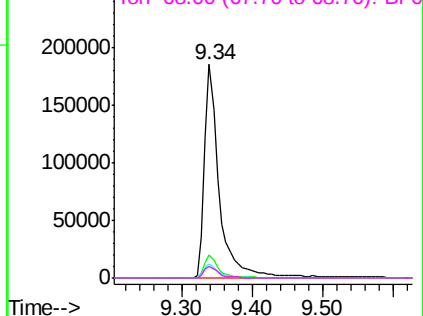


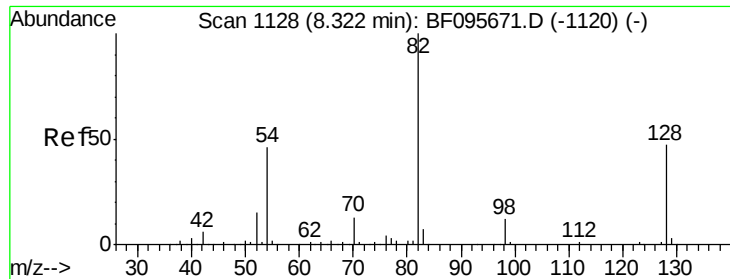
Abundance Ion 136.00 (135.70 to 136.70): E

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

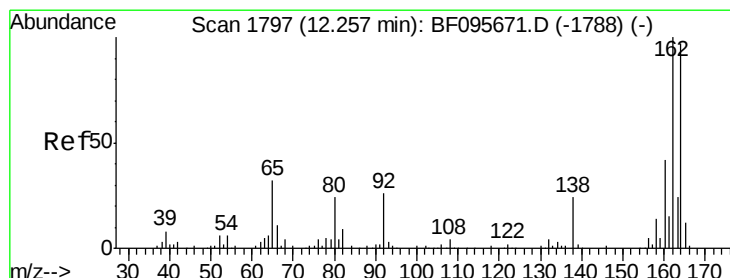
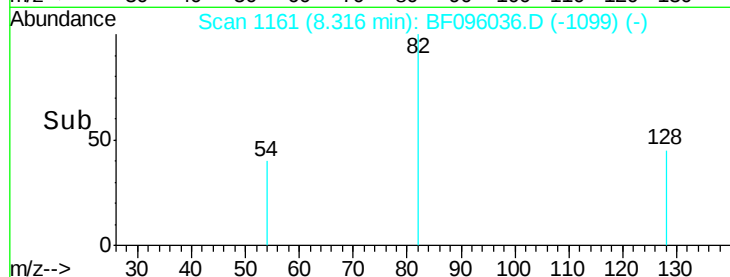
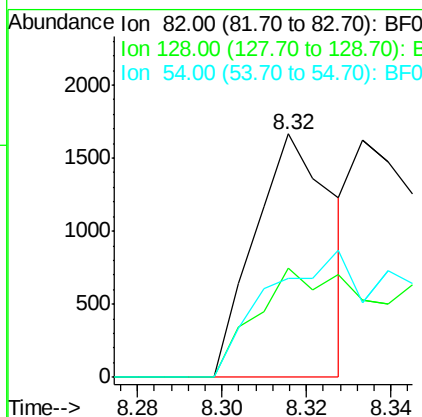
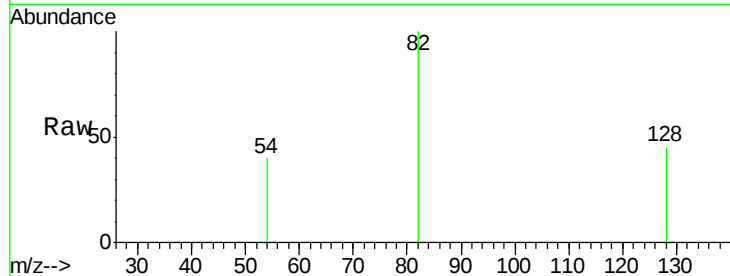




#23
 Nitrobenzene-d5
 Concen: 0.484 ng
 RT: 8.32 min Scan# 1161
 Delta R.T. 0.06 min
 Lab File: BF096036.D
 Acq: 20 Jun 2017 9:35

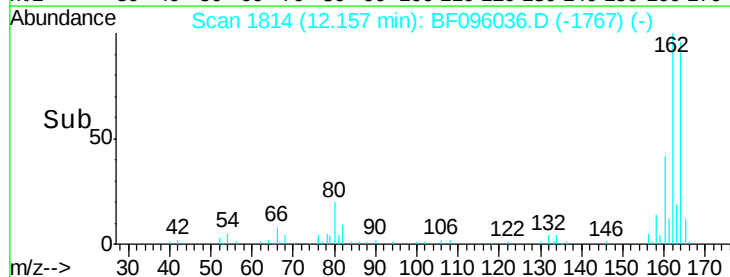
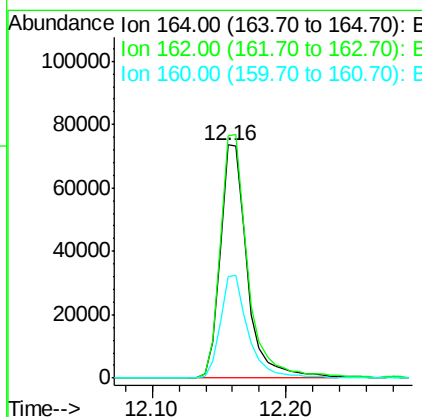
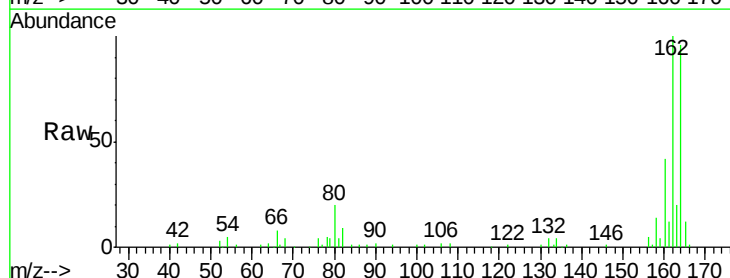
Instrument :
 BNA_F
 ClientSampleId :
 G17-0-1.5

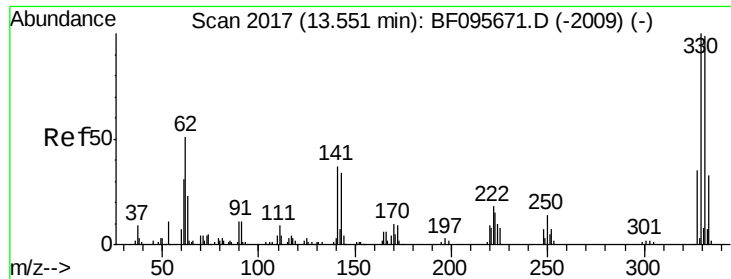
Tgt Ion: 82 Resp: 2141
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.0 51.0
 54 40.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.16 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BF096036.D
 Acq: 20 Jun 2017 9:35

Tgt Ion: 164 Resp: 105204
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 43.6 36.2 54.2

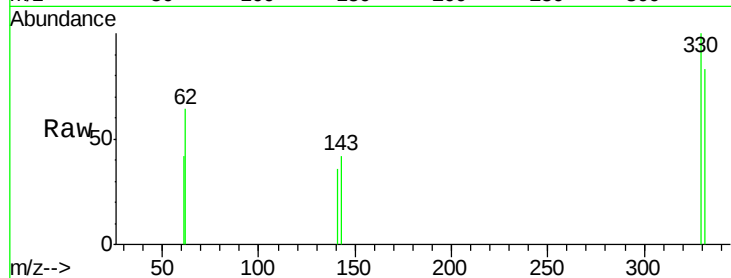




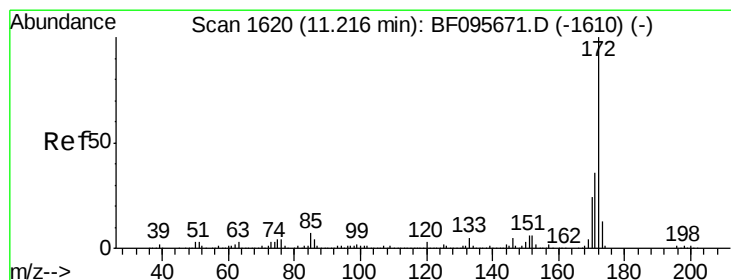
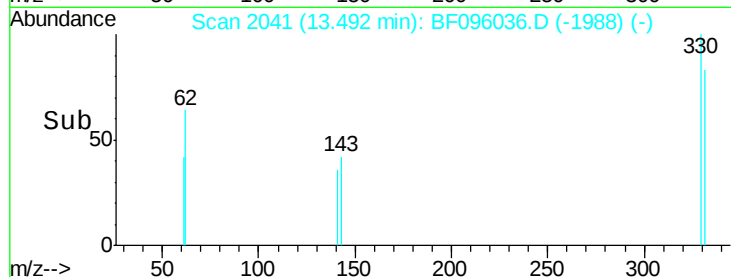
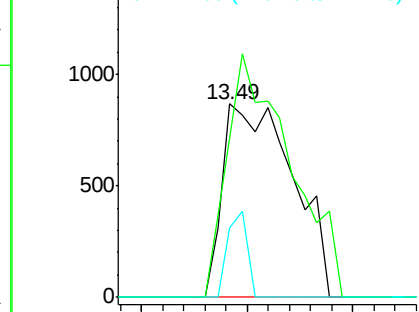
#41
 2,4,6-Tribromophenol
 Concen: 2.151 ng
 RT: 13.49 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF096036.D
 Acq: 20 Jun 2017 9:35

Instrument :
 BNA_F
 ClientSampled :
 G17-0-1.5

Tgt Ion:330 Resp: 2002
 Ion Ratio Lower Upper
 330 100
 332 113.9 76.6 115.0
 141 12.3 31.4 47.2#

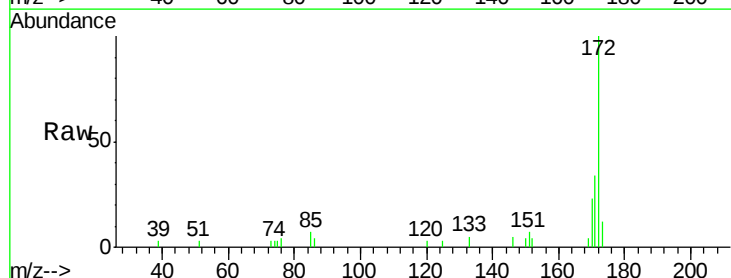


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

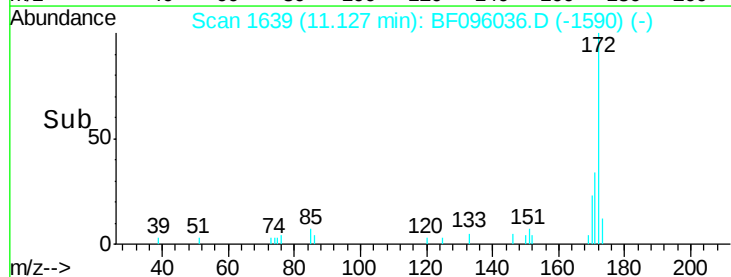
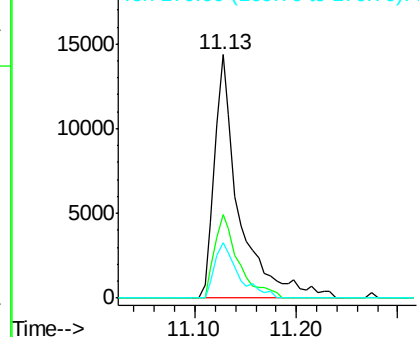


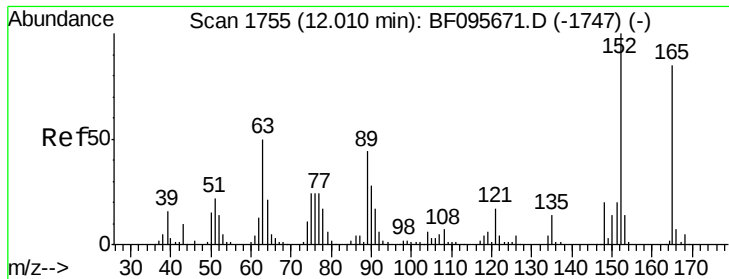
#44
 2-Fluorobiphenyl
 Concen: 3.213 ng
 RT: 11.13 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BF096036.D
 Acq: 20 Jun 2017 9:35

Tgt Ion:172 Resp: 24291
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.6 44.4
 170 22.6 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

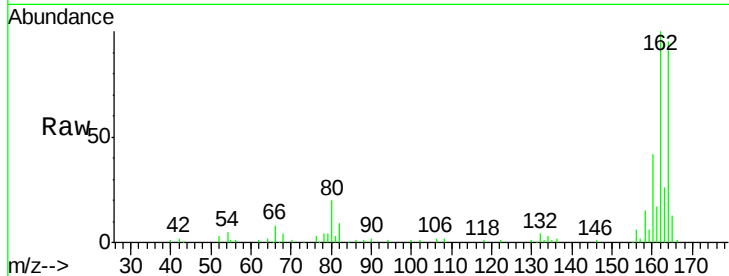




#50
 2,6-Dinitrotoluene
 Concen: 7.468 ng
 RT: 12.16 min Scan# 1815
 Delta R.T. 0.22 min
 Lab File: BF096036.D
 Acq: 20 Jun 2017 9:35

Instrument :
 BNA_F
 ClientSampleId :
 G17-0-1.5

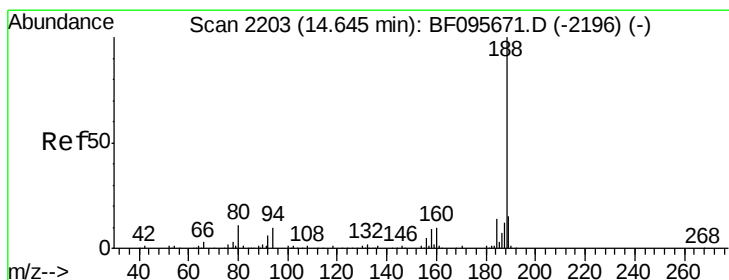
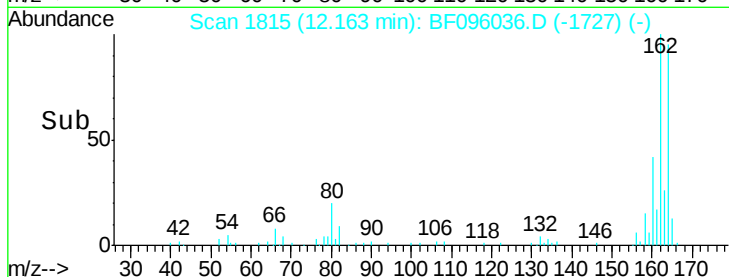
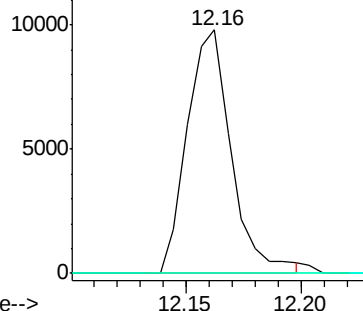
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

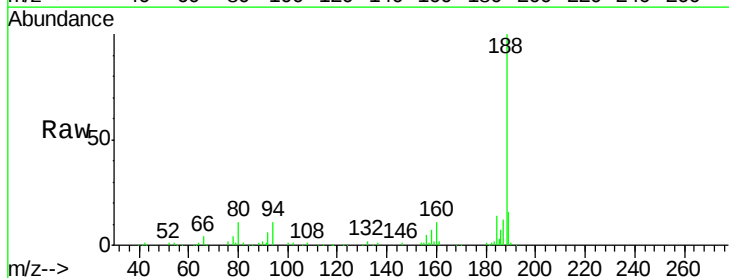
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF096036.D
 Acq: 20 Jun 2017 9:35

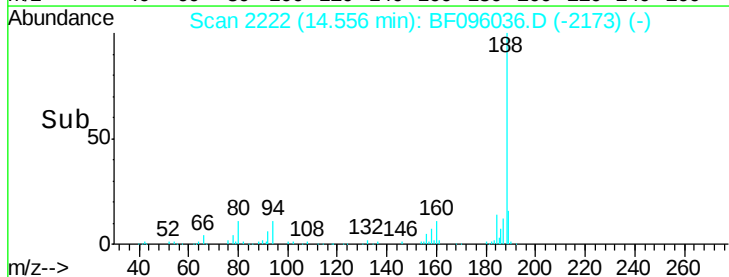
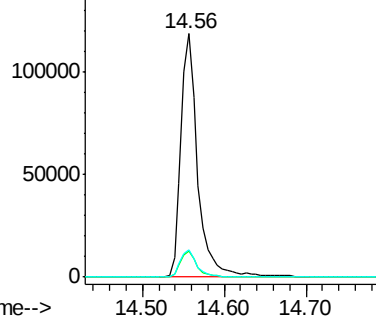
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.1	10.2	15.2

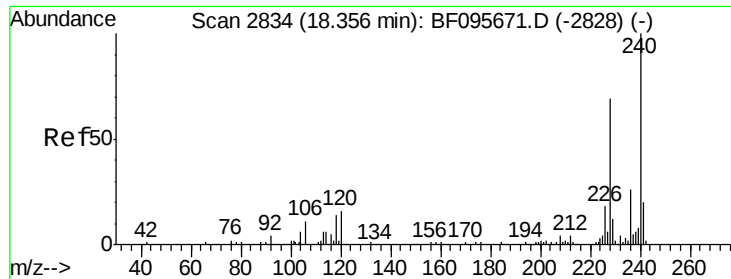


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.29 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BF096036.D

Acq: 20 Jun 2017 9:35

Instrument :

BNA_F

ClientSampleId :

G17-0-1.5

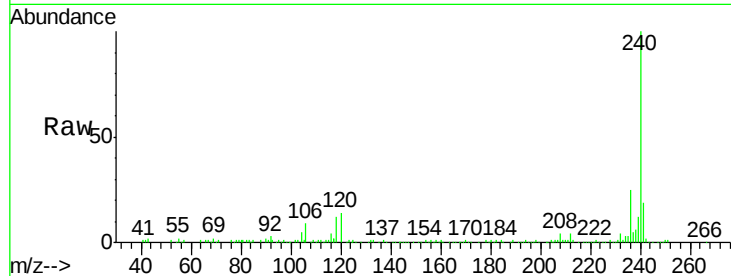
Tgt Ion:240 Resp: 142780

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

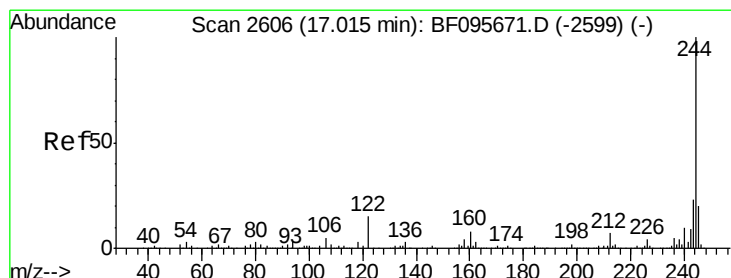
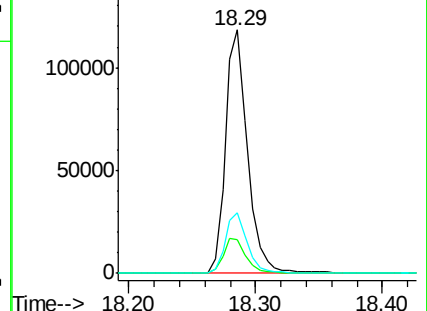
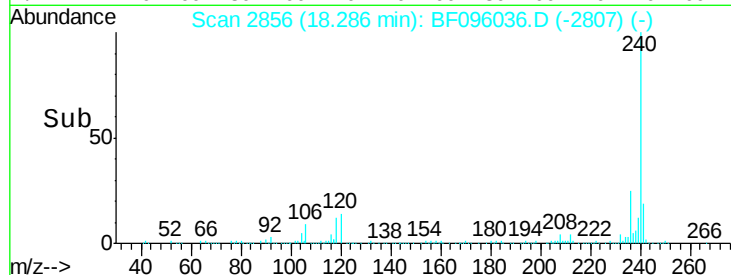
236 24.9 20.5 30.7



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: 3.087 ng

RT: 16.93 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BF096036.D

Acq: 20 Jun 2017 9:35

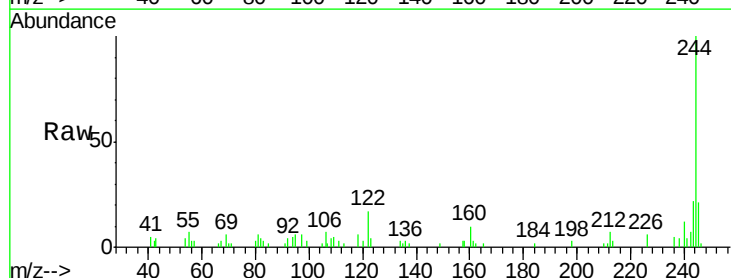
Tgt Ion:244 Resp: 17763

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

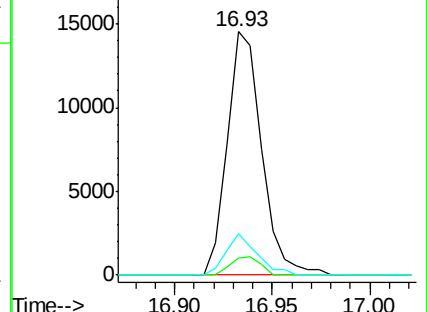
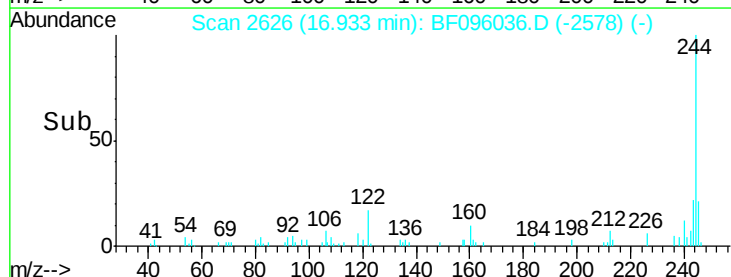
122 16.8 10.3 15.5#

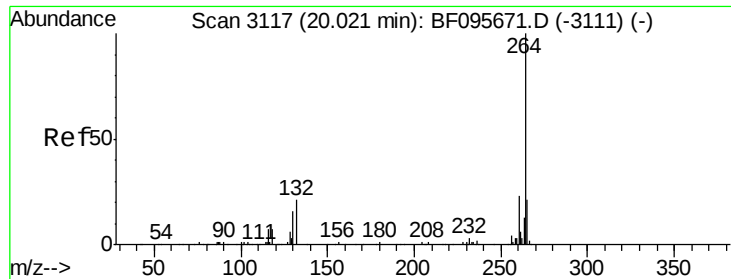


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 19.96 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BF096036.D
Acq: 20 Jun 2017 9:35

Instrument :
BNA_F
ClientSampleId :
G17-0-1.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.7	17.2	25.8

