

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036794.D
 Acq On : 18 Sep 2018 20:27
 Operator : JU/SJ
 Sample : J4922-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 05:53:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

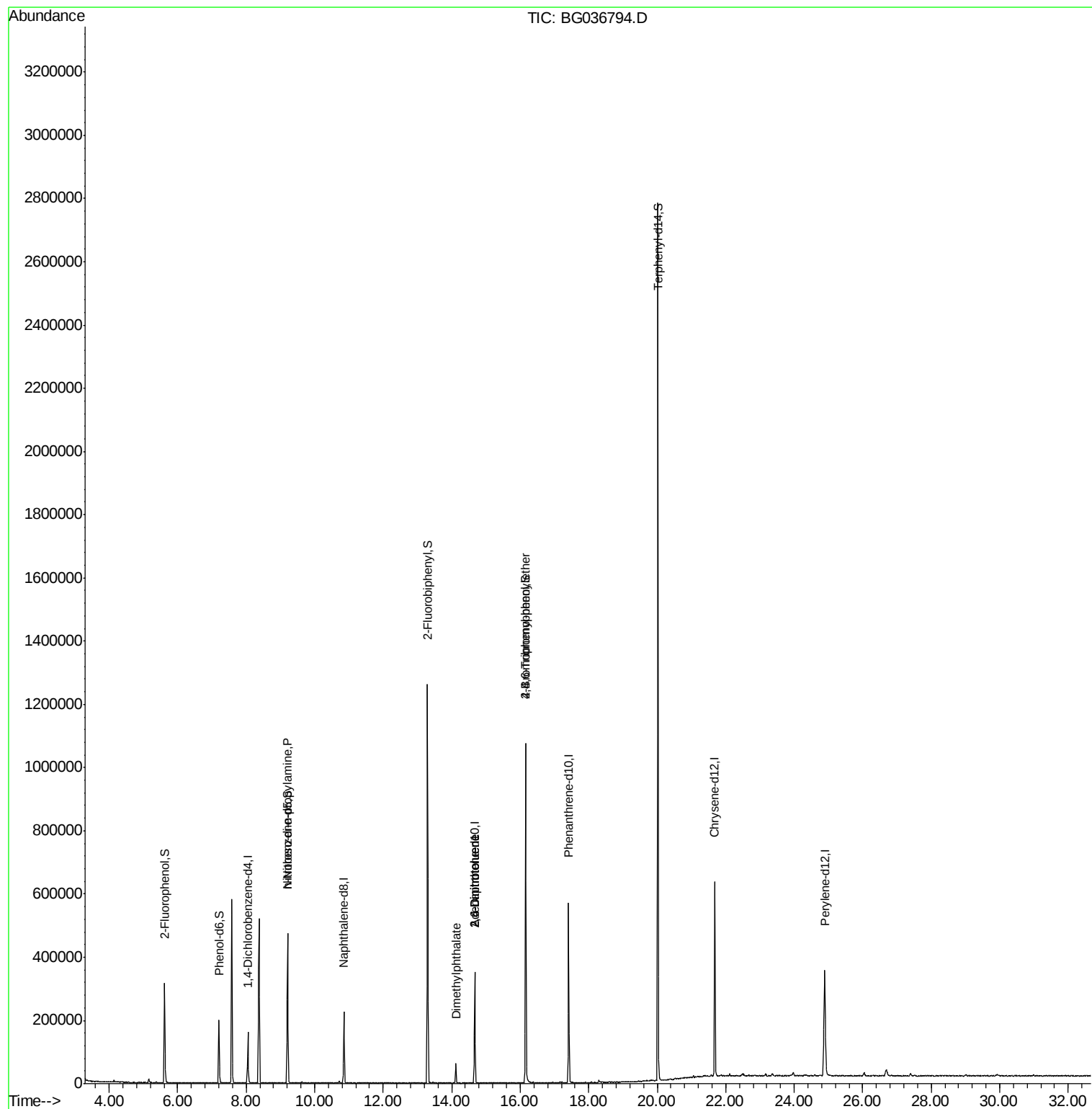
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45065	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	185684	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	123663	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	353529	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	372348	20.00	ng	-0.01
86) Perylene-d12	24.89	264	372751	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	132523	46.65	ng	0.00
7) Phenol-d6	7.20	99	115130	28.31	ng	-0.01
23) Nitrobenzene-d5	9.21	82	286162	83.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	199906	135.48	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	646342	74.63	ng	-0.01
78) Terphenyl-d14	20.02	244	1288488	80.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	38019	12.507	ng	Qvalue # 73
49) Dimethylphthalate	14.12	163	43367	4.295	ng	100
50) 2,6-Dinitrotoluene	14.68	165	16348	7.868	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	16348	6.037	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	14265	3.446	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036794.D
Acq On : 18 Sep 2018 20:27
Operator : JU/SJ
Sample : J4922-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 19 05:53:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration



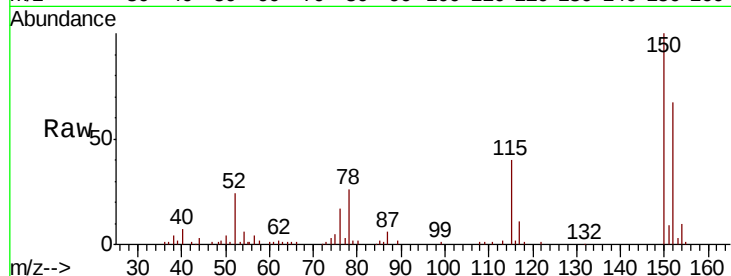


#1

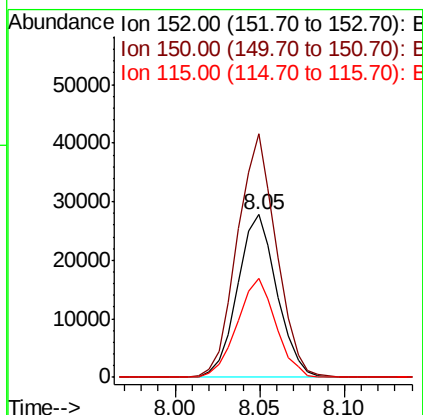
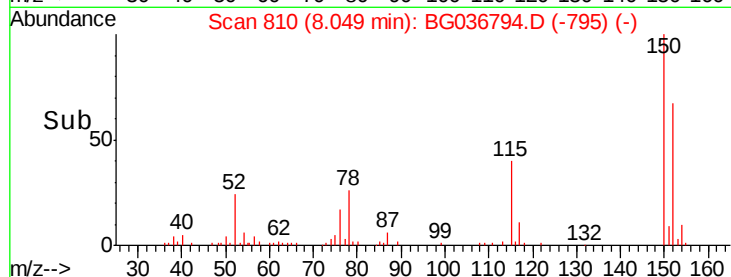
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036794.D
 Acq: 18 Sep 2018 20:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.5	179.3
115	60.7	44.5	66.7



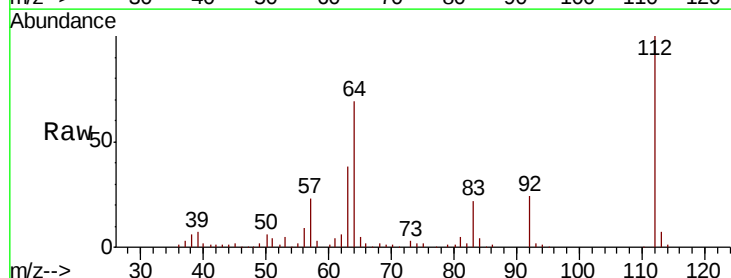
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



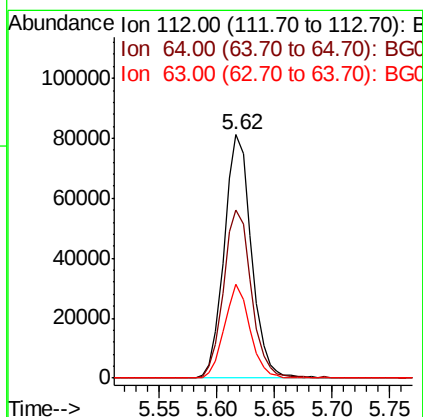
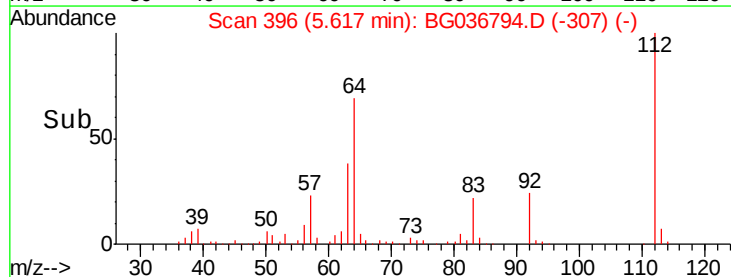
#5

2-Fluorophenol
 Concen: 46.648 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036794.D
 Acq: 18 Sep 2018 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.2	85.8
63	38.5	30.8	46.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 28.305 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036794.D

Acq: 18 Sep 2018 20:27

Instrument :

BNA_G

ClientSampled :

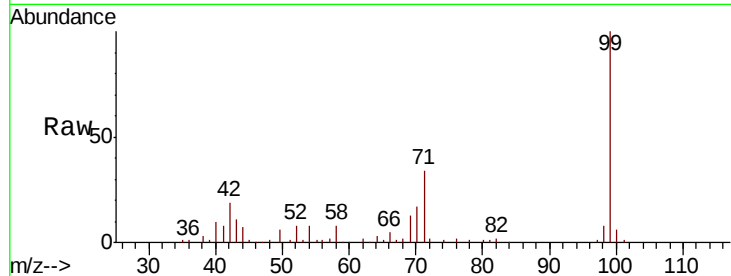
Tot Ion: 99 Resp: 115130

Ion Ratio Lower Upper

99 100

42 19.3 16.5 24.7

71 34.4 29.4 44.2

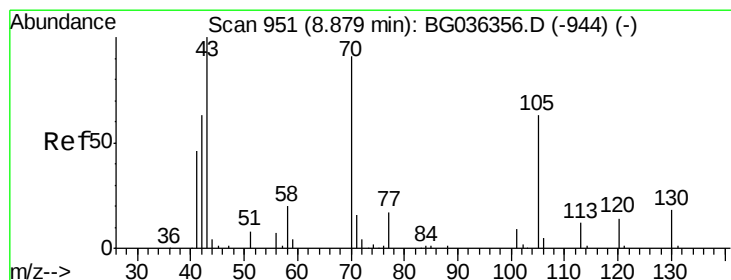
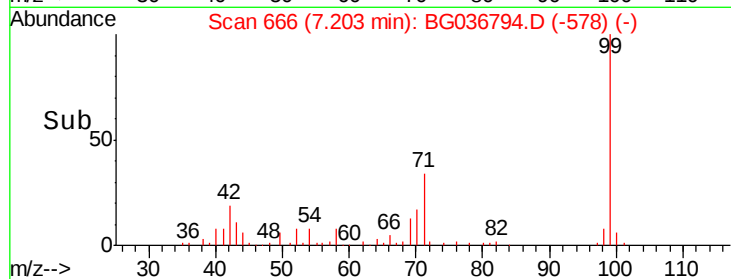
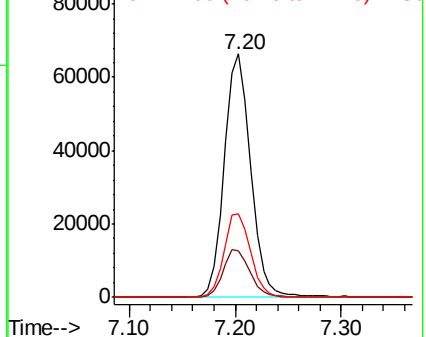


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 12.507 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036794.D

Acq: 18 Sep 2018 20:27

Tgt Ion: 70 Resp: 38019

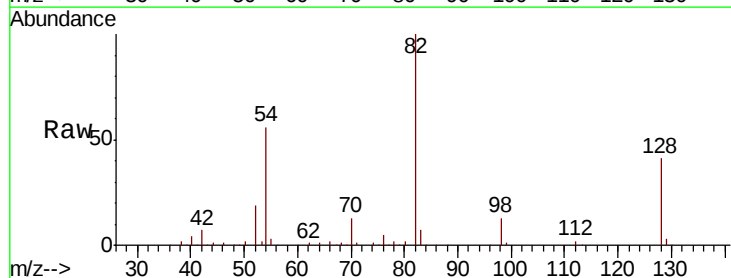
Ion Ratio Lower Upper

70 100

42 50.4 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 16.2 24.2#



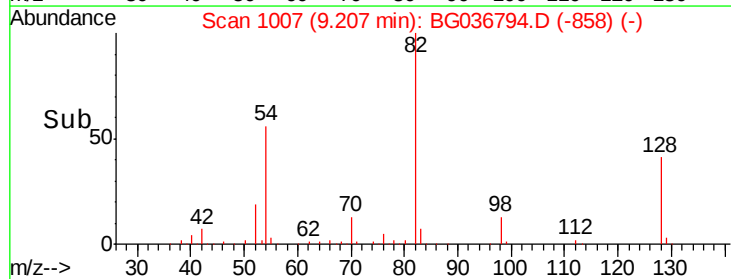
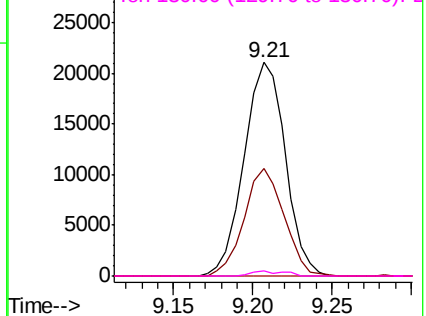
Abundance

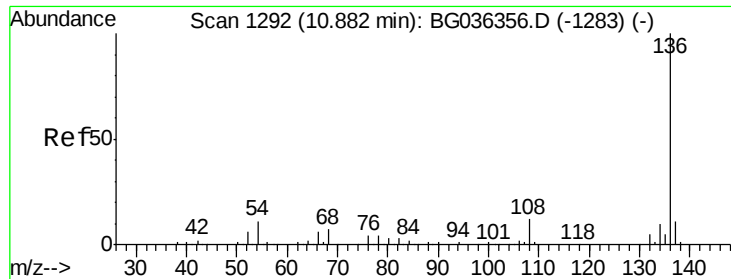
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

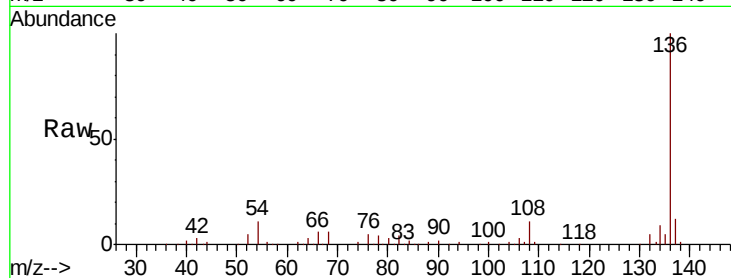




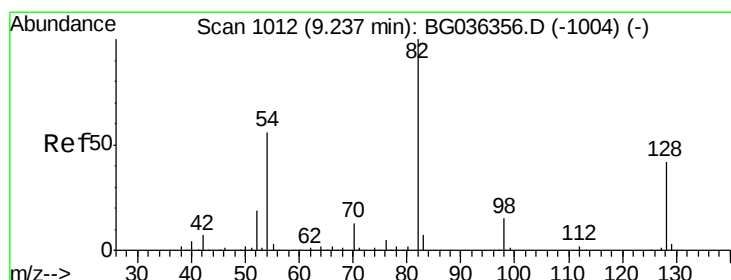
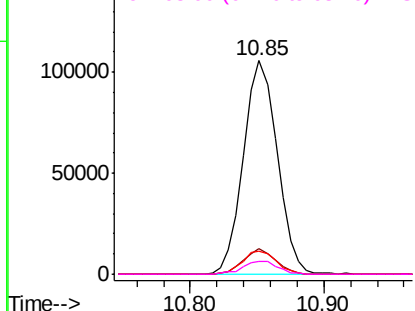
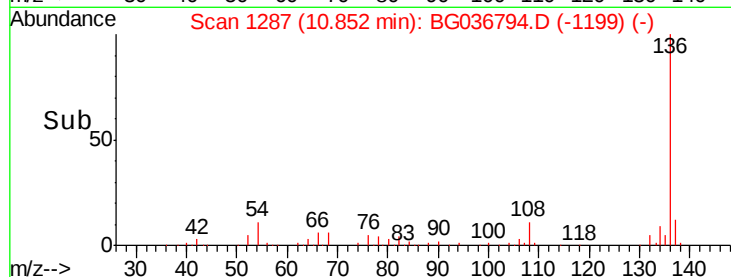
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036794.D
Acq: 18 Sep 2018 20:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	185684
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.8 13.2
54	11.0	9.2 13.8
68	5.8	5.8 8.6

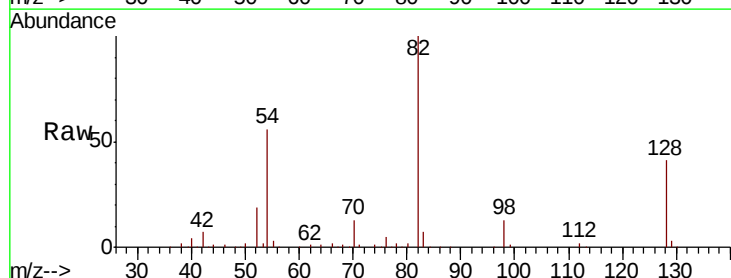


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

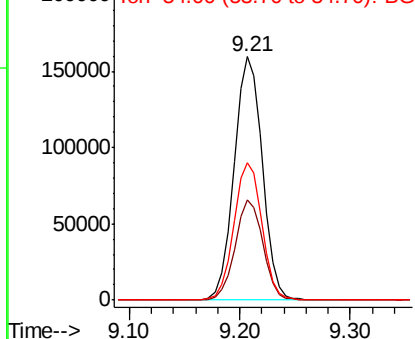
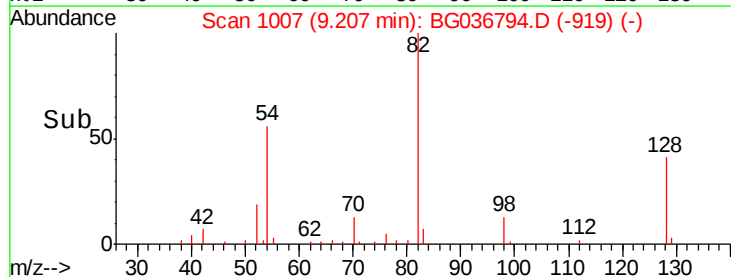


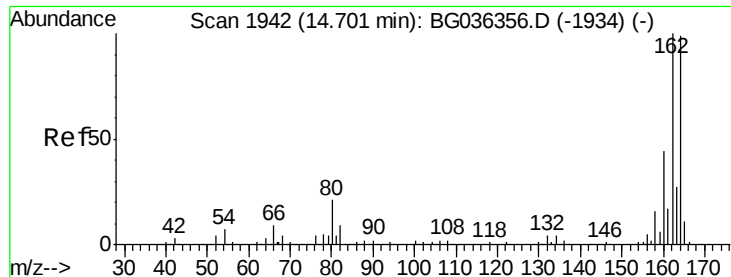
#23
Nitrobenzene-d5
Concen: 83.616 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036794.D
Acq: 18 Sep 2018 20:27

Tgt Ion: 82	Resp:	286162
Ion	Ratio	Lower Upper
82	100	
128	41.0	33.3 49.9
54	56.5	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036794.D

Acq: 18 Sep 2018 20:27

Instrument :

BNA_G

ClientSampleId :

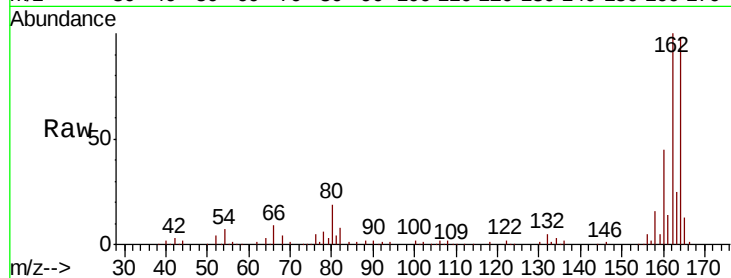
Tot Ion:164 Resp: 123663

Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

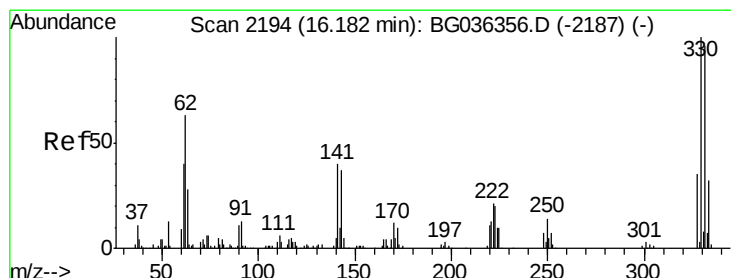
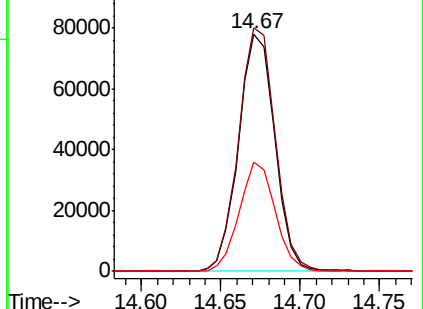
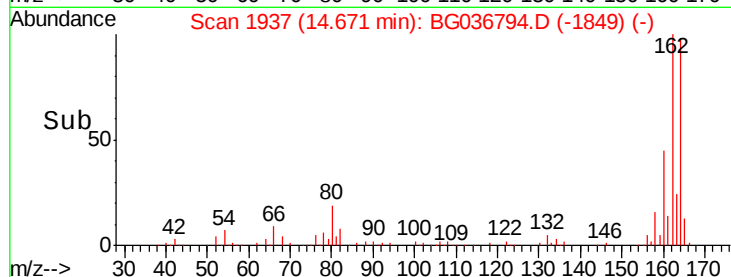
160 46.2 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 135.477 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036794.D

Acq: 18 Sep 2018 20:27

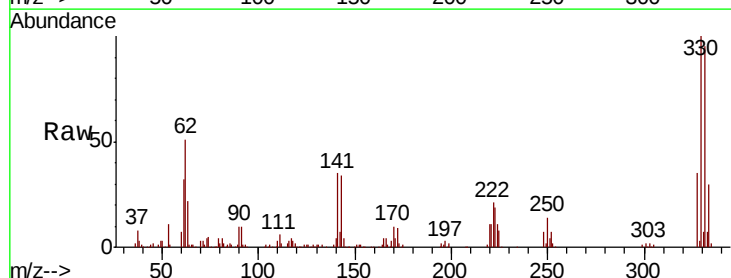
Tgt Ion:330 Resp: 199906

Ion Ratio Lower Upper

330 100

332 97.0 75.4 113.2

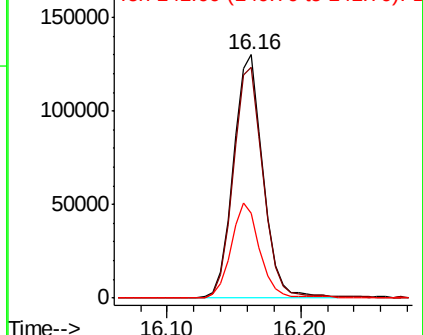
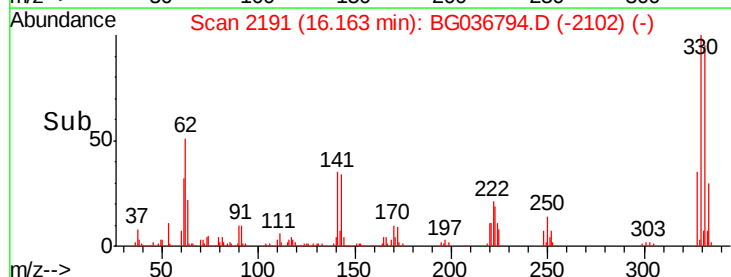
141 38.3 30.7 46.1



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

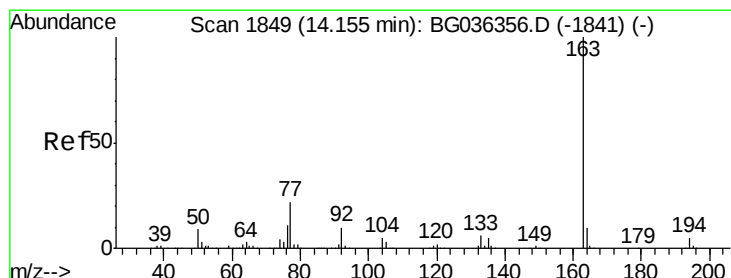
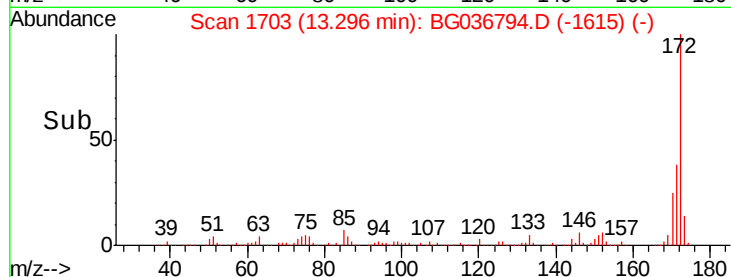
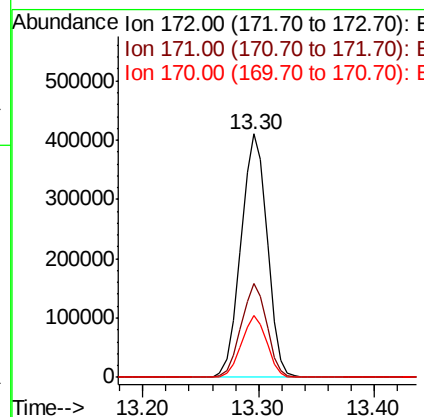
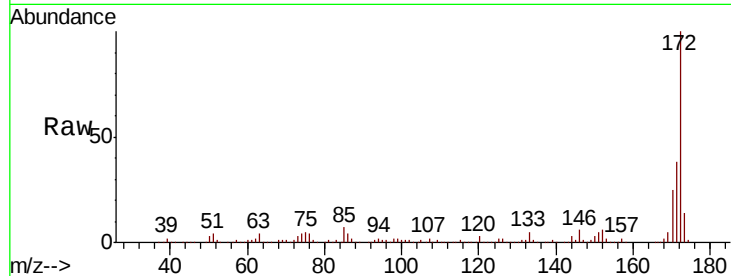




#44
2-Fluorobiphenyl
Concen: 74.627 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036794.D
Acq: 18 Sep 2018 20:27

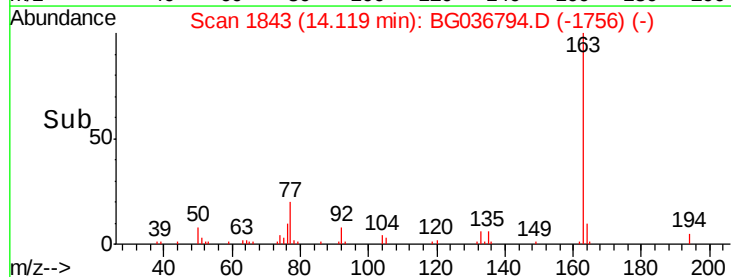
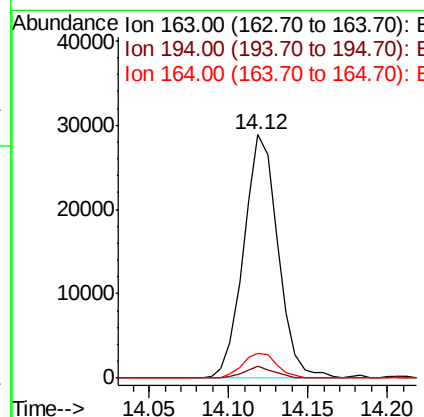
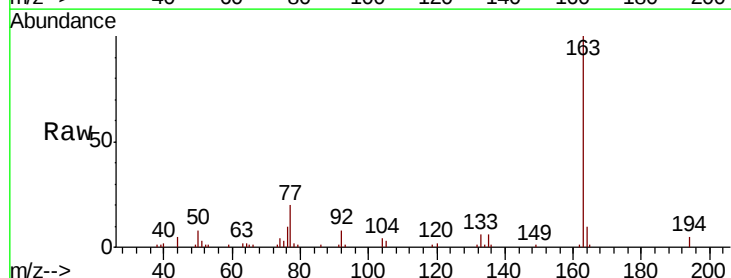
Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 646342
Ion Ratio Lower Upper
172 100
171 38.4 31.3 46.9
170 25.3 21.0 31.6



#49
Dimethylphthalate
Concen: 4.295 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG036794.D
Acq: 18 Sep 2018 20:27

Tgt Ion:163 Resp: 43367
Ion Ratio Lower Upper
163 100
194 5.0 4.0 6.0
164 10.1 8.1 12.1

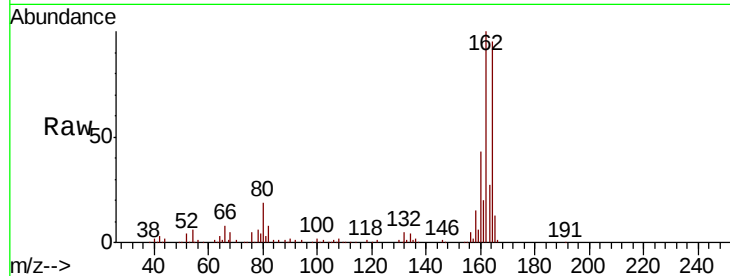




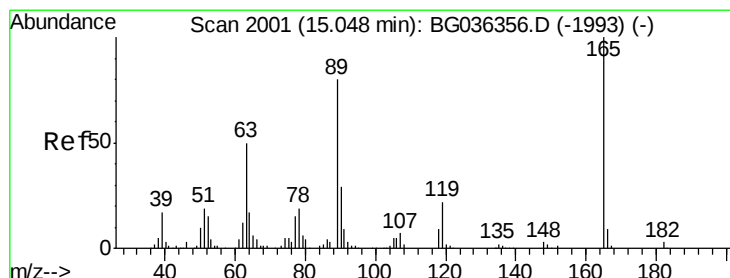
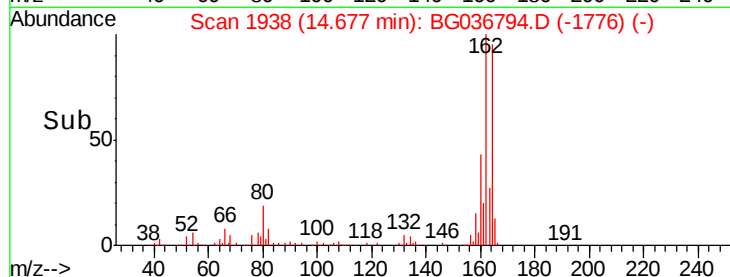
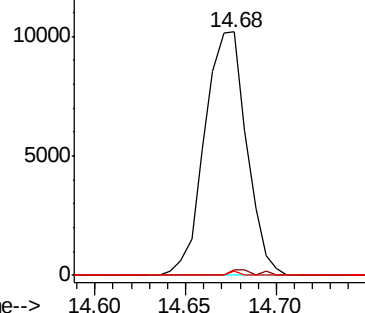
#50
2,6-Dinitrotoluene
Concen: 7.868 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036794.D
Acq: 18 Sep 2018 20:27

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	50.1	75.1#
89	1.7	47.8	71.6#

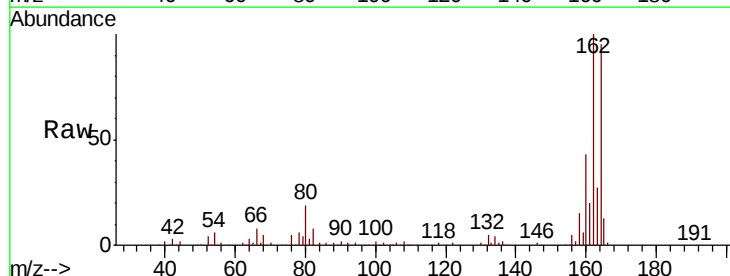


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

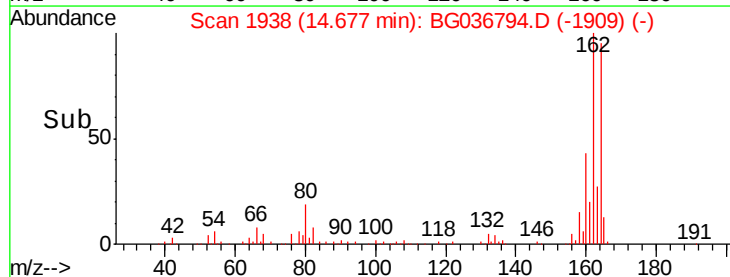
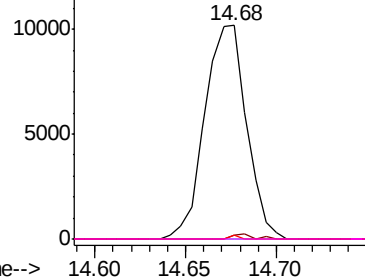


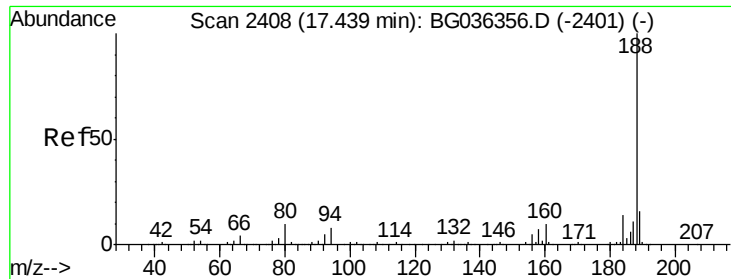
#56
2,4-Dinitrotoluene
Concen: 6.037 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036794.D
Acq: 18 Sep 2018 20:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.1	60.1#
89	1.7	63.7	95.5#
182	0.0	2.5	3.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

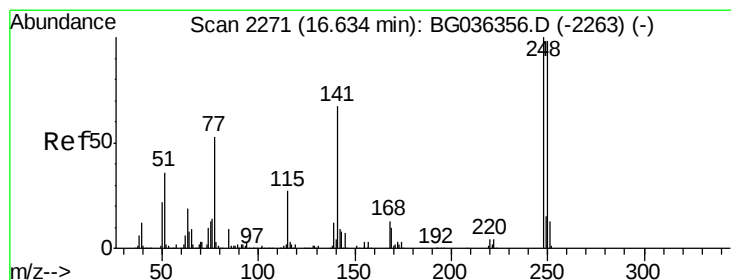
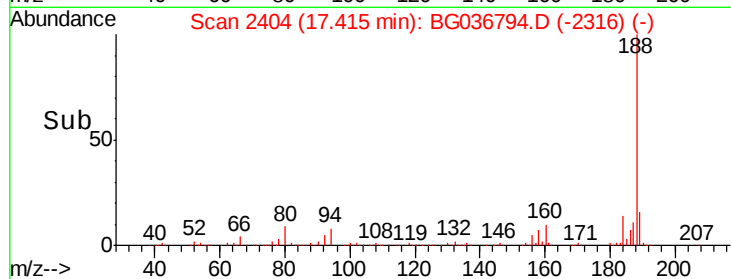
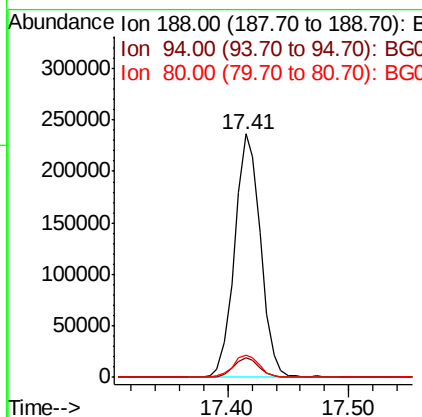
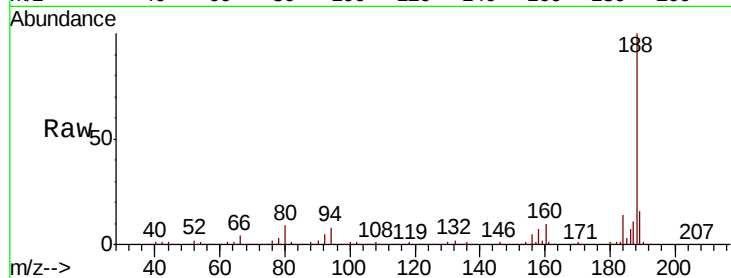




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036794.D
 Acq: 18 Sep 2018 20:27

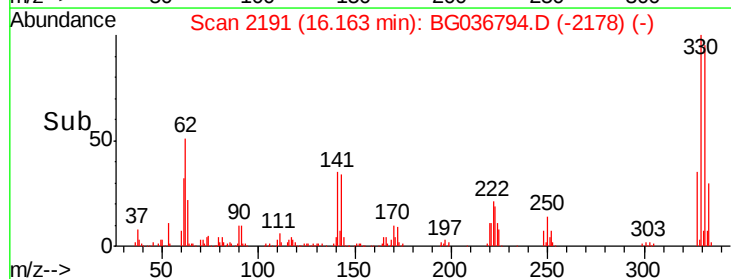
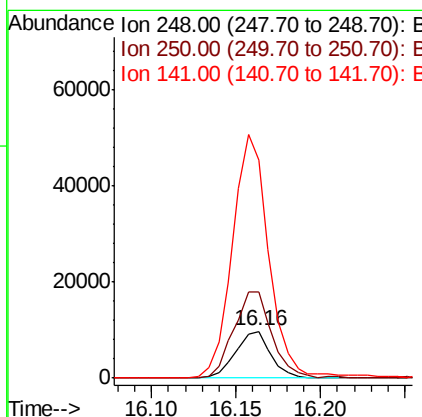
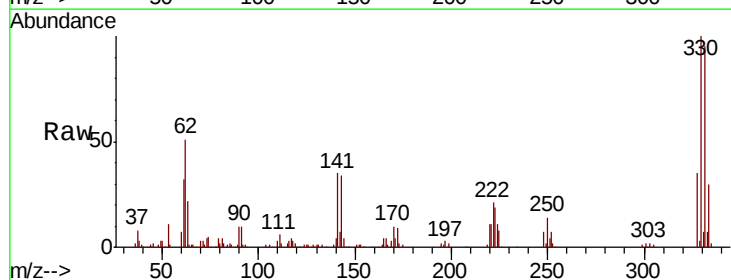
Instrument :
 BNA_G
 ClientSampleId :

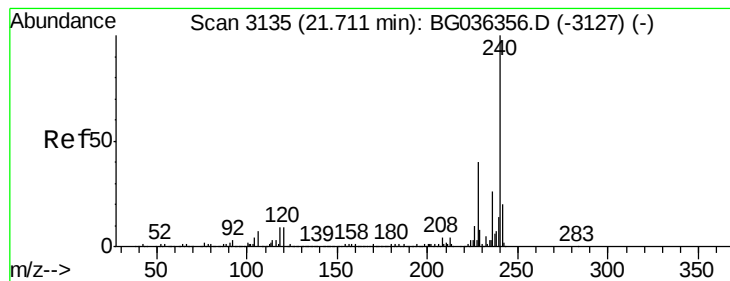
Tot Ion:188 Resp: 353529
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.7 10.1
 80 9.1 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.446 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036794.D
 Acq: 18 Sep 2018 20:27

Tgt Ion:248 Resp: 14265
 Ion Ratio Lower Upper
 248 100
 250 183.9 78.1 117.1#
 141 468.1 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036794.D

Acq: 18 Sep 2018 20:27

Instrument :

BNA_G

ClientSampleId :

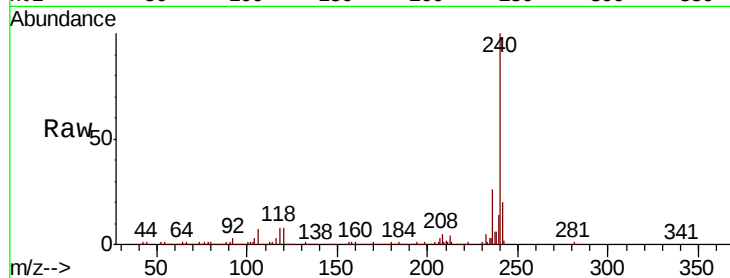
Tot Ion:240 Resp: 372348

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

236 25.9 21.2 31.8

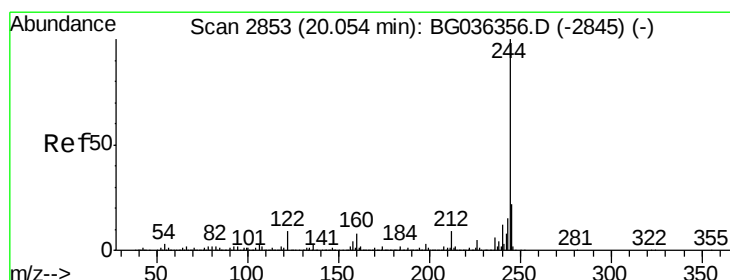
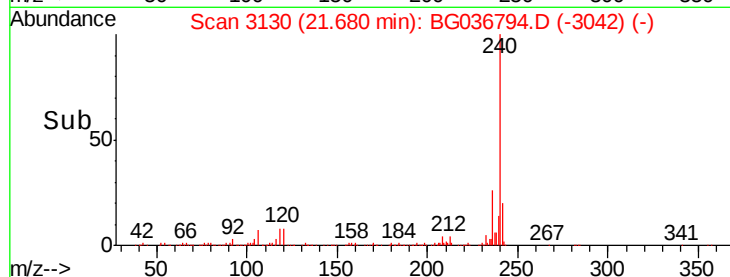
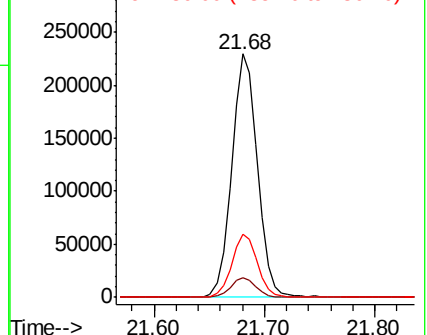


Abundance

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: 80.882 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036794.D

Acq: 18 Sep 2018 20:27

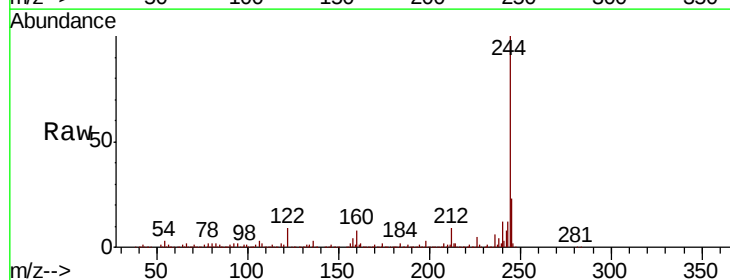
Tgt Ion:244 Resp: 1288488

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

122 8.8 7.1 10.7

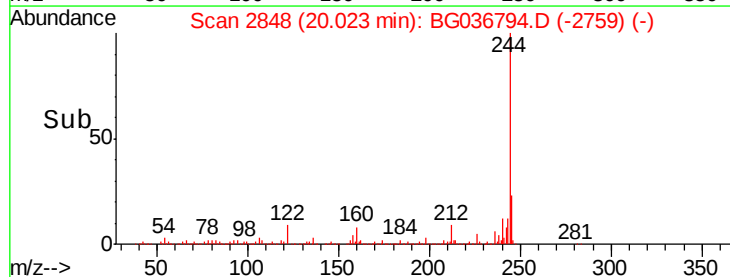
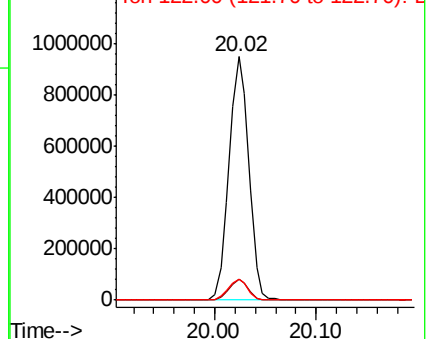


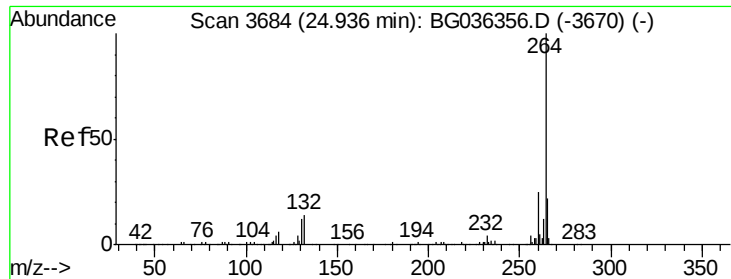
Abundance

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: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG036794.D
Acq: 18 Sep 2018 20:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.5	17.4	26.0

