

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
 Data File : BG036591.D
 Acq On : 7 Sep 2018 11:11
 Operator : JU/SJ
 Sample : PB112623TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 12:01:27 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

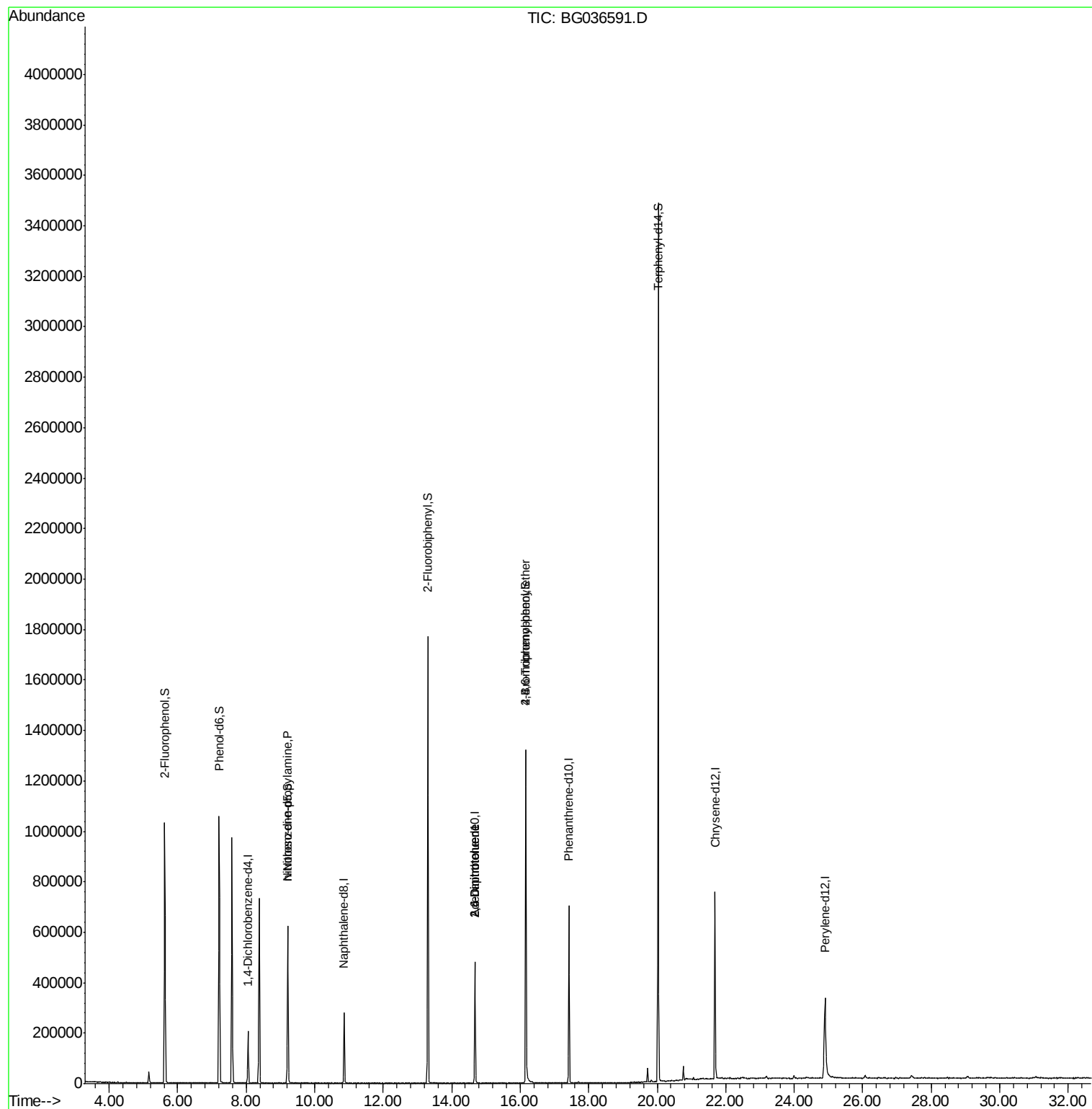
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58287	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	245458	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	172560	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	451319	20.00	ng	0.00
75) Chrysene-d12	21.69	240	470998	20.00	ng	0.00
86) Perylene-d12	24.90	264	435498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	436753	118.86	ng	0.00
7) Phenol-d6	7.21	99	620045	117.86	ng	0.00
23) Nitrobenzene-d5	9.21	82	373851	82.64	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	258653	125.62	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	918321	75.98	ng	0.00
78) Terphenyl-d14	20.03	244	1589580	78.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	49733	12.649	ng	# 68
50) 2,6-Dinitrotoluene	14.68	165	22058	7.608	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	22058	5.837	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	18186	3.442	ng	# 1

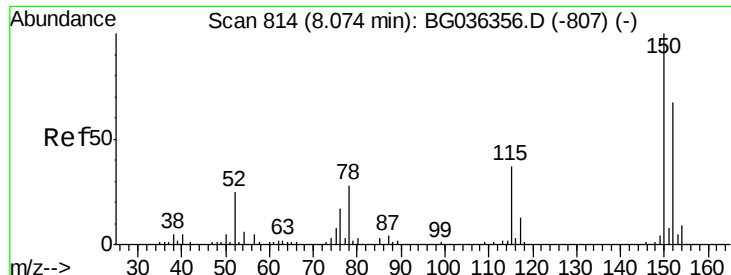
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
Data File : BG036591.D
Acq On : 7 Sep 2018 11:11
Operator : JU/SJ
Sample : PB112623TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 07 12:01:27 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

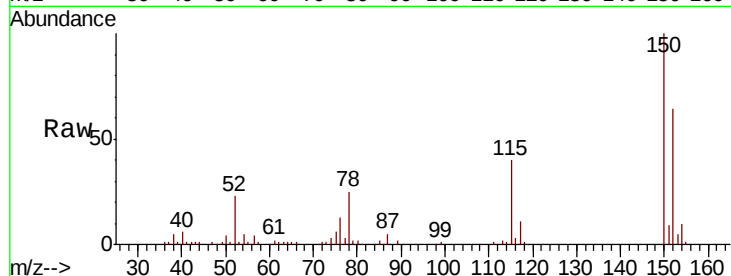




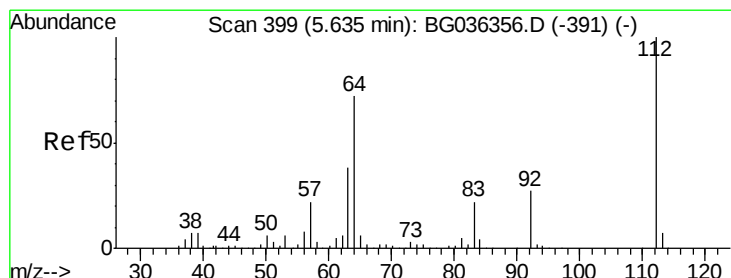
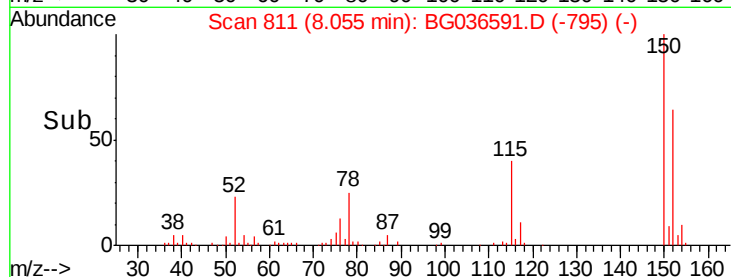
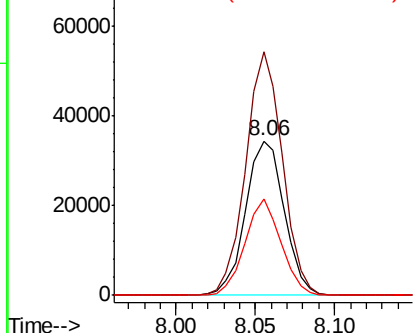
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 58287
 Ion Ratio Lower Upper
 152 100
 150 157.4 119.5 179.3
 115 62.4 44.5 66.7

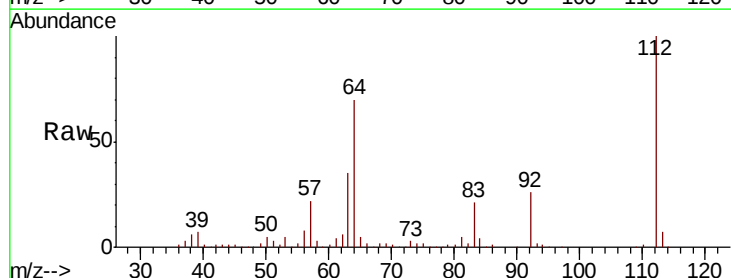


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

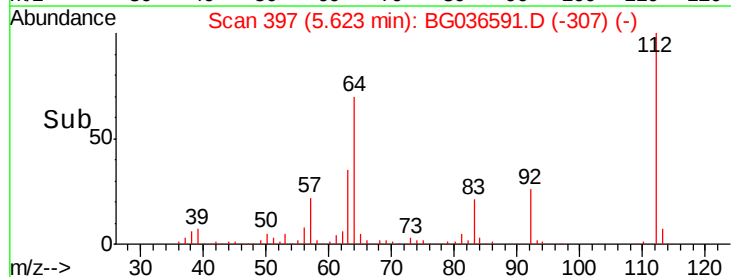
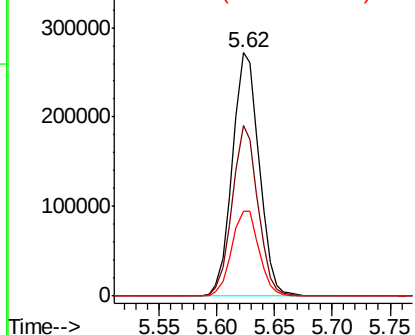


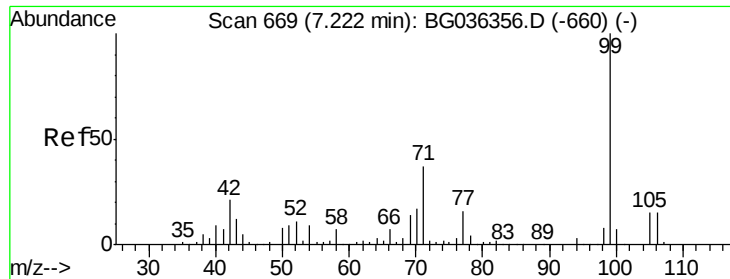
#5
 2-Fluorophenol
 Concen: 118.863 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Tgt Ion:112 Resp: 436753
 Ion Ratio Lower Upper
 112 100
 64 69.9 57.2 85.8
 63 34.9 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: 117.860 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036591.D

Acq: 7 Sep 2018 11:11

Instrument :

BNA_G

ClientSampleId :

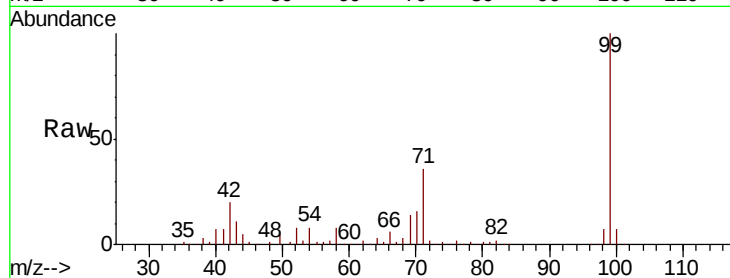
Tot Ion: 99 Resp: 620045

Ion Ratio Lower Upper

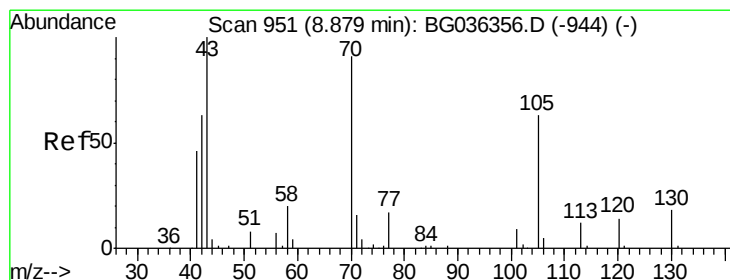
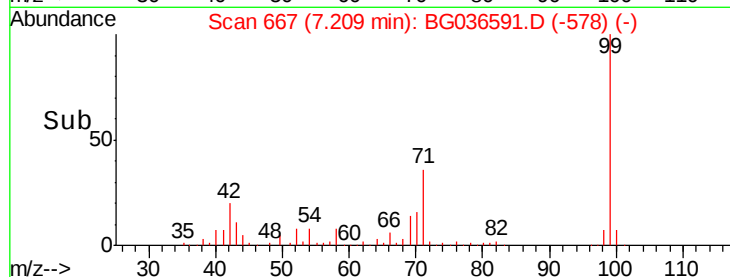
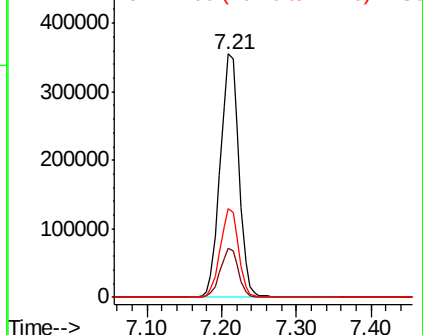
99 100

42 20.2 16.5 24.7

71 36.2 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: 12.649 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036591.D

Acq: 7 Sep 2018 11:11

Tgt Ion: 70 Resp: 49733

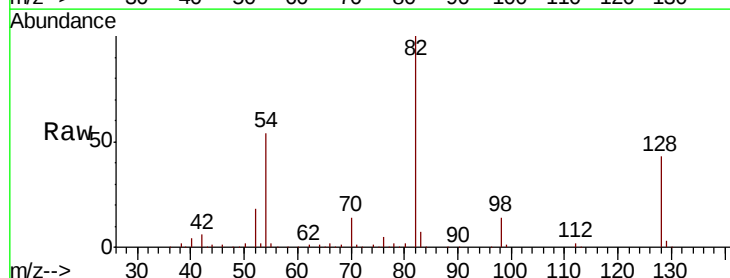
Ion Ratio Lower Upper

70 100

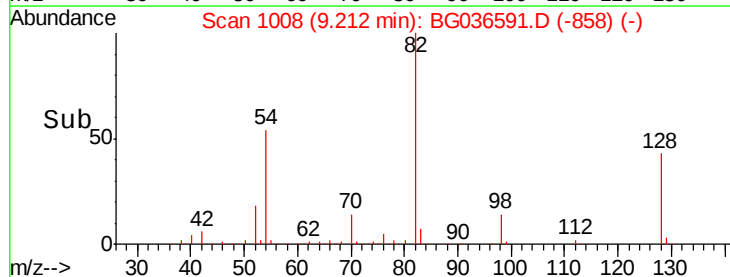
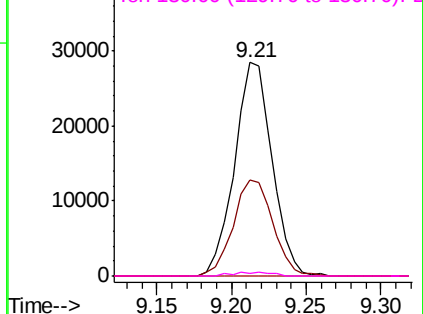
42 44.9 56.2 84.4#

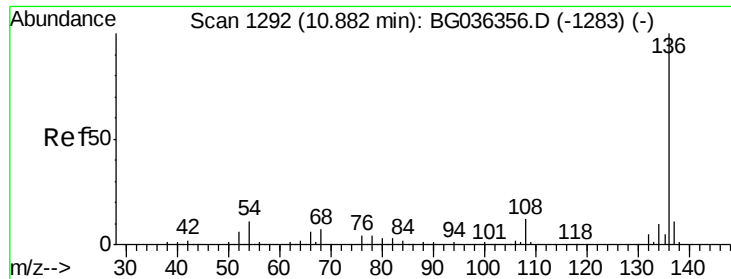
101 0.0 7.8 11.6#

130 1.5 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

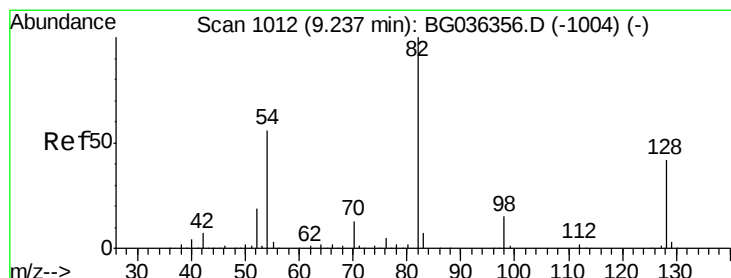
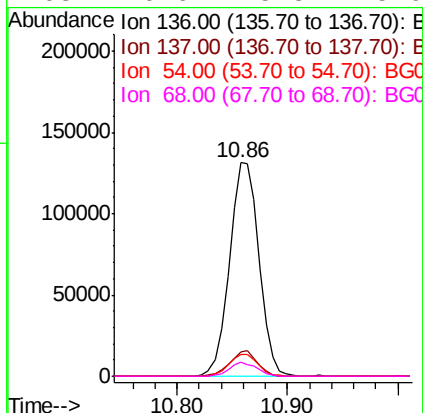
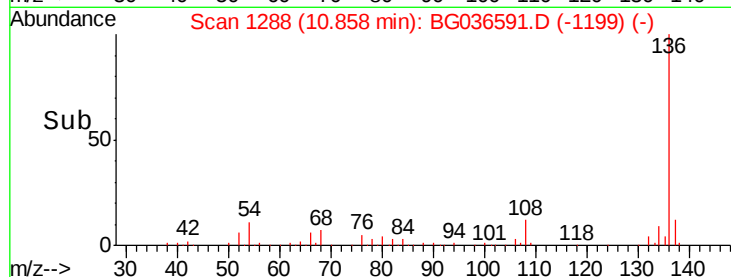
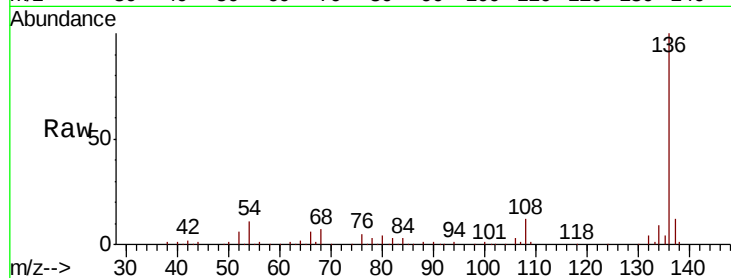




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036591.D
Acq: 7 Sep 2018 11:11

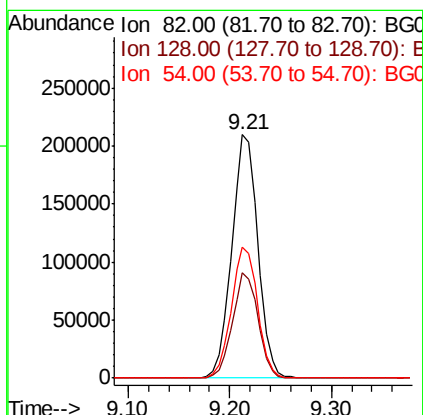
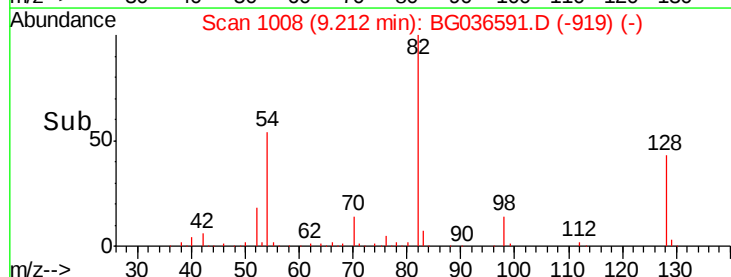
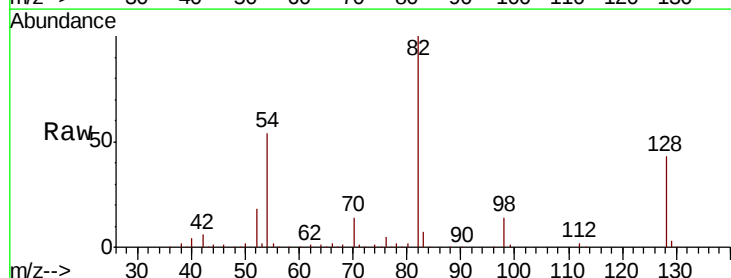
Instrument :
BNA_G
ClientSampleId :

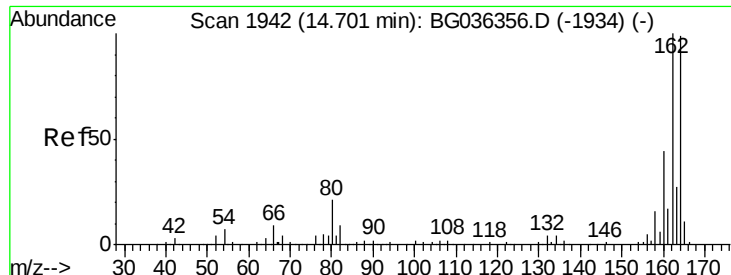
Tot Ion:	136	Resp:	245458
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	10.5	9.2	13.8
68	6.6	5.8	8.6



#23
Nitrobenzene-d5
Concen: 82.637 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036591.D
Acq: 7 Sep 2018 11:11

Tgt Ion:	82	Resp:	373851
Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.3	49.9
54	53.9	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036591.D

Acq: 7 Sep 2018 11:11

Instrument :

BNA_G

ClientSampleId :

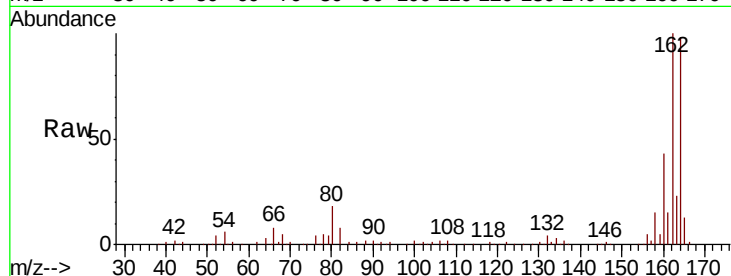
Tot Ion:164 Resp: 172560

Ion Ratio Lower Upper

164 100

162 101.9 80.7 121.1

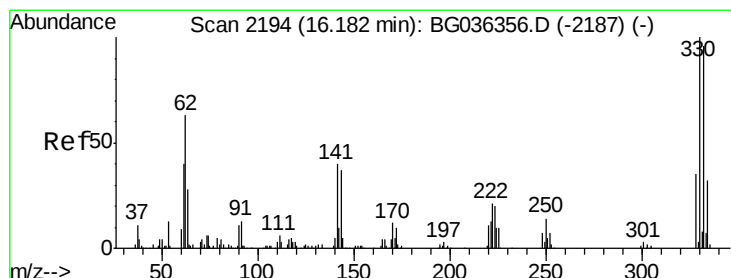
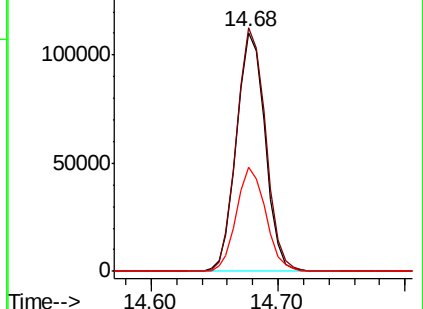
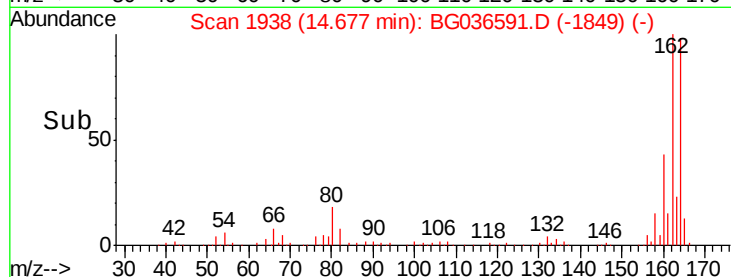
160 43.4 35.3 52.9



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: 125.619 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036591.D

Acq: 7 Sep 2018 11:11

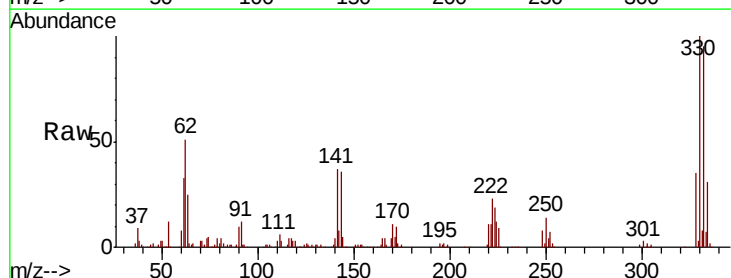
Tgt Ion:330 Resp: 258653

Ion Ratio Lower Upper

330 100

332 94.8 75.4 113.2

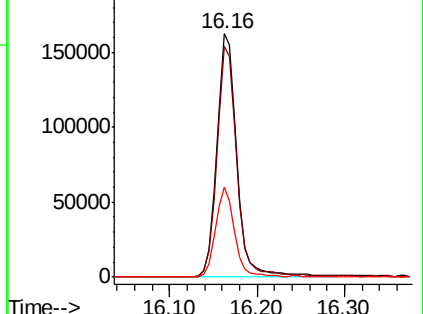
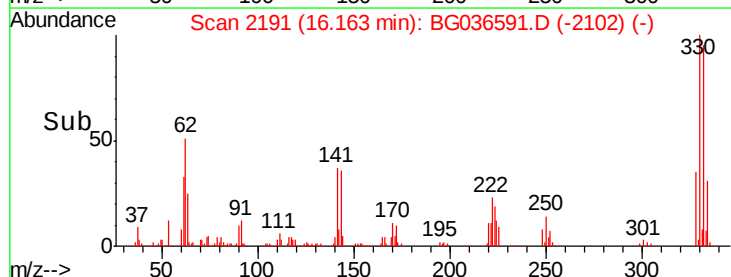
141 34.8 30.7 46.1

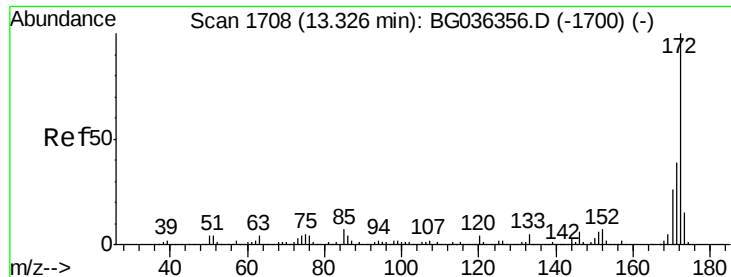


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

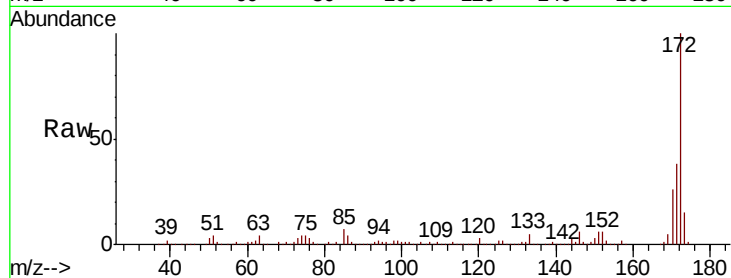




#44
 2-Fluorobiphenyl
 Concen: 75.985 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	26.1	21.0	31.6

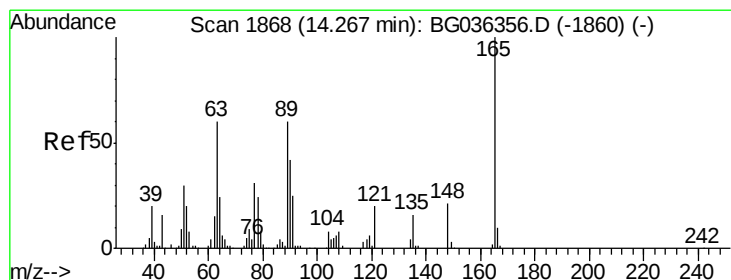
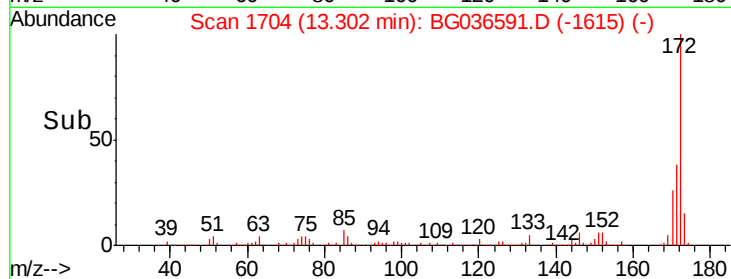
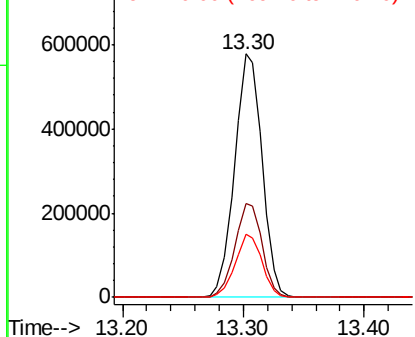


Abundance

Ion 172.00 (171.70 to 172.70): E

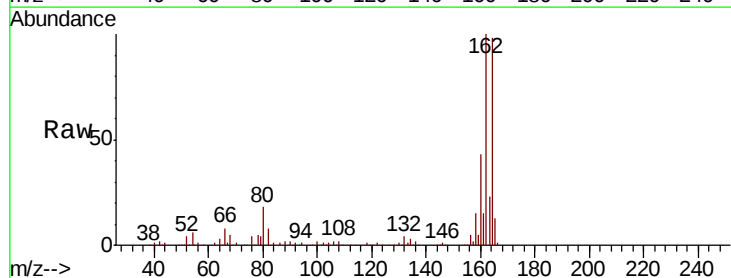
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
 2,6-Dinitrotoluene
 Concen: 7.608 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	0.0	47.8	71.6#

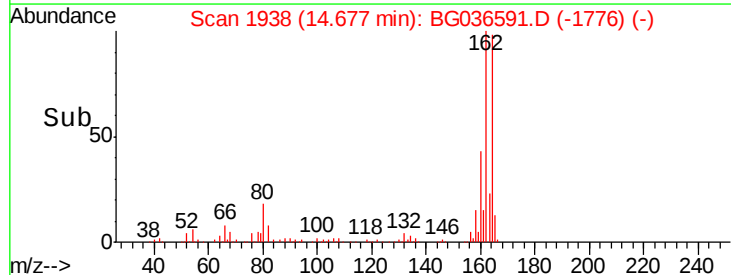
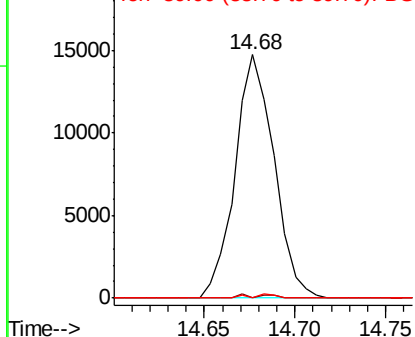


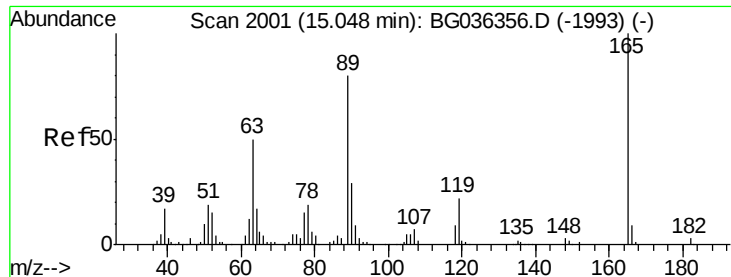
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

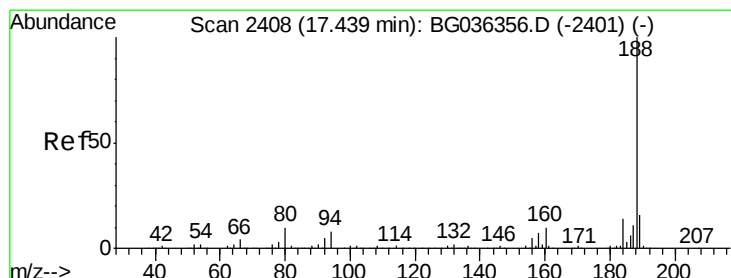
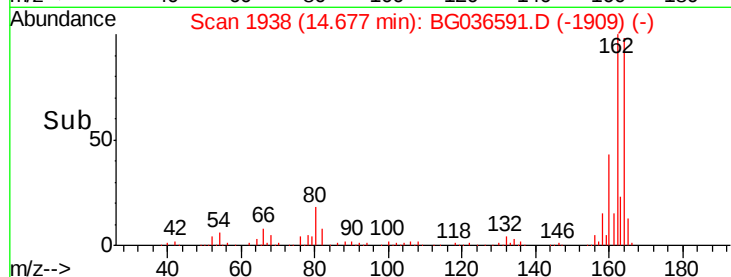
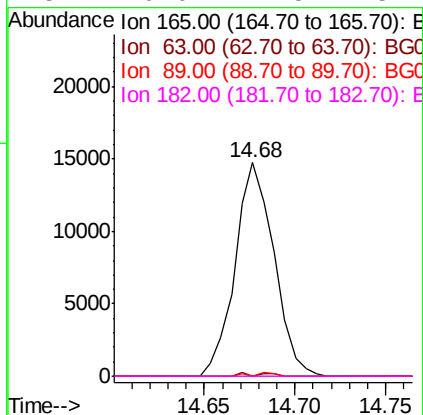
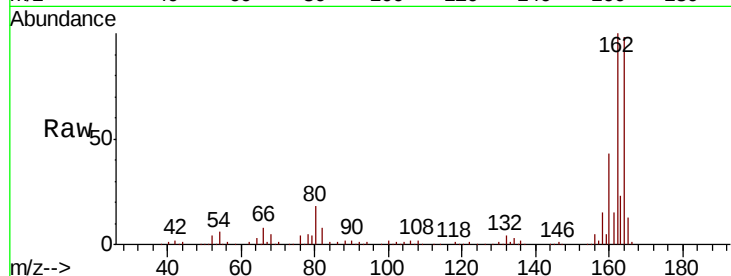




#56
 2,4-Dinitrotoluene
 Concen: 5.837 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

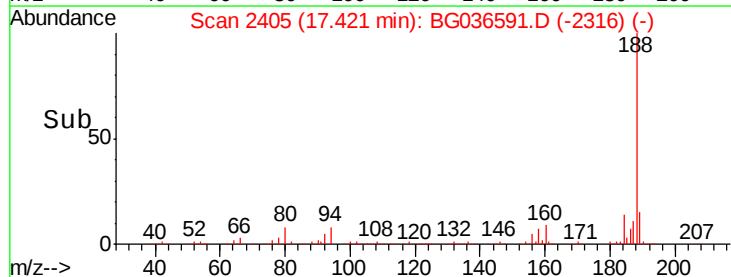
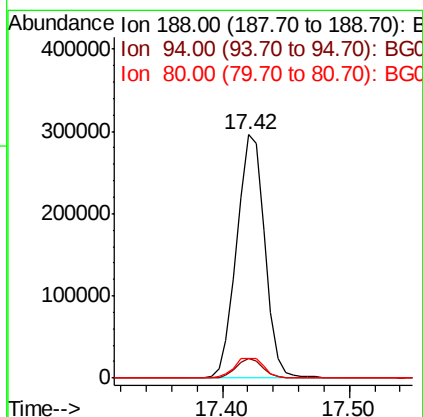
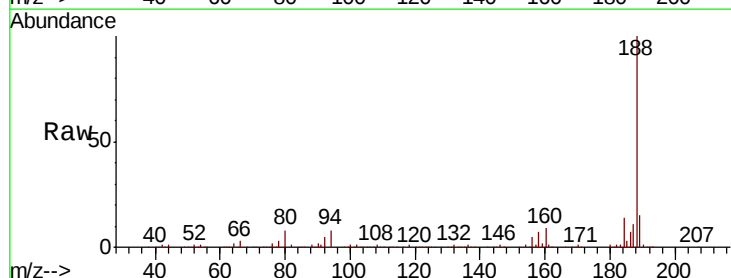
Instrument :
 BNA_G
 ClientSampleId :

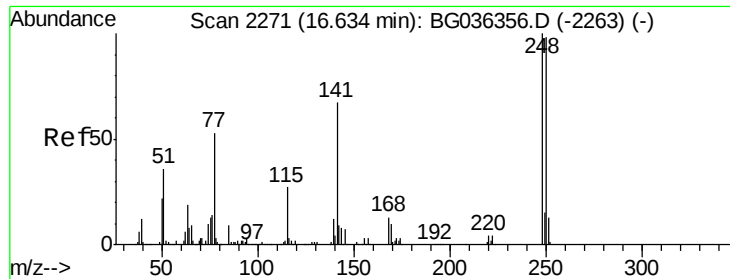
Tot Ion:165 Resp: 22058
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.1 60.1#
 89 0.0 63.7 95.5#
 182 0.0 2.5 3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Tgt Ion:188 Resp: 451319
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.7 10.1
 80 8.3 8.1 12.1

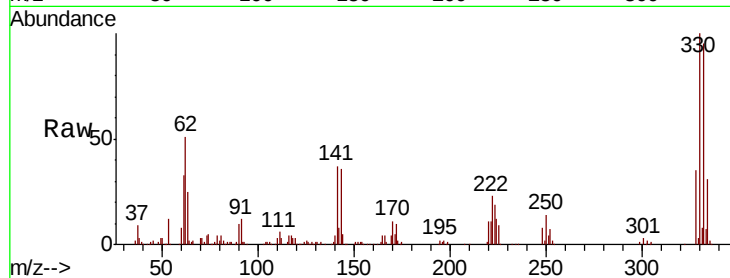




#66
 4-Bromophenyl-phenylether
 Concen: 3.442 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	182.6	78.1	117.1#
141	463.6	53.7	80.5#

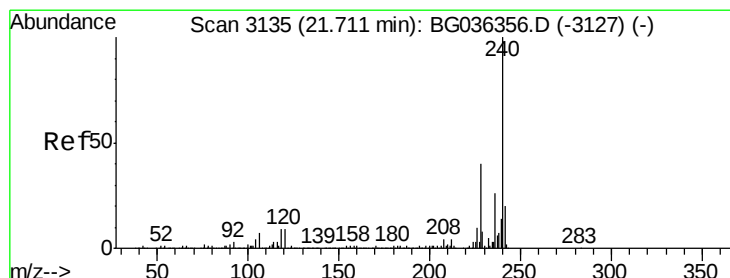
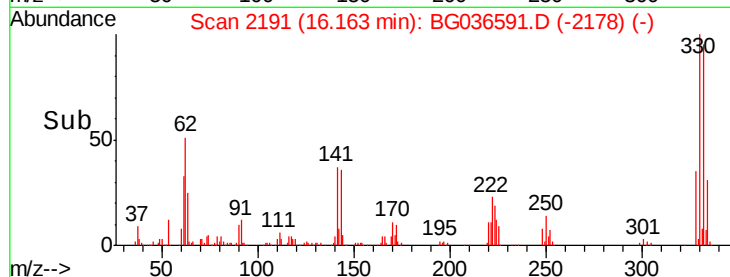
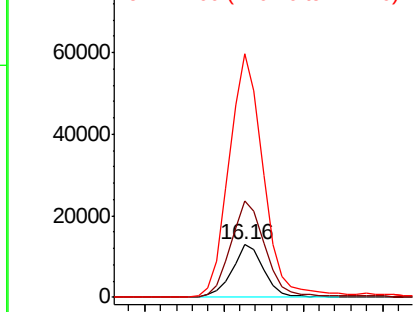


Abundance

Ion 248.00 (247.70 to 248.70): E

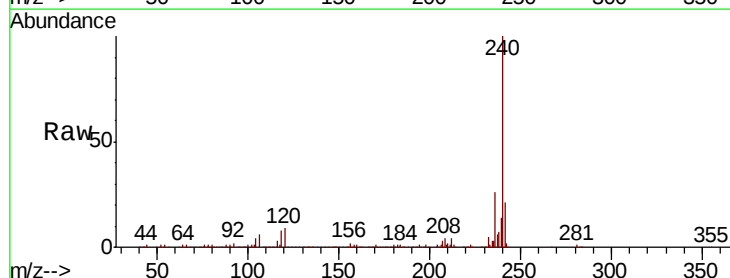
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.9	10.3
236	25.8	21.2	31.8

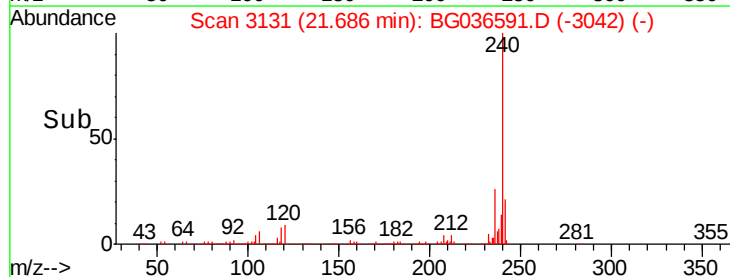
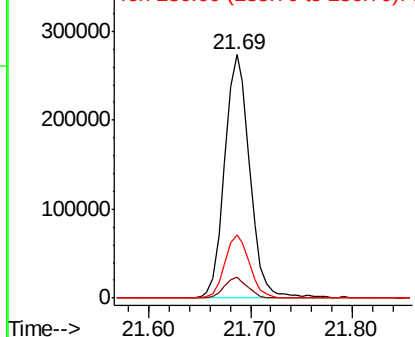


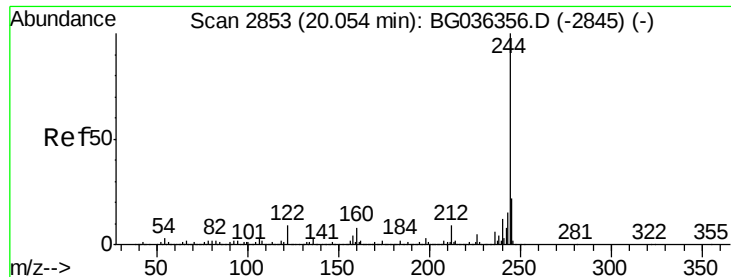
Abundance

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

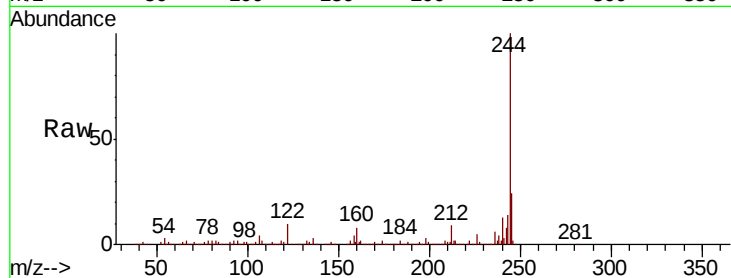




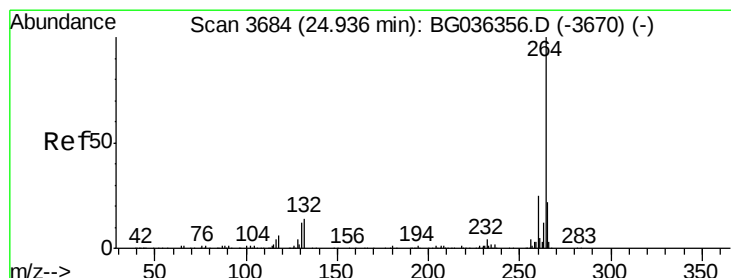
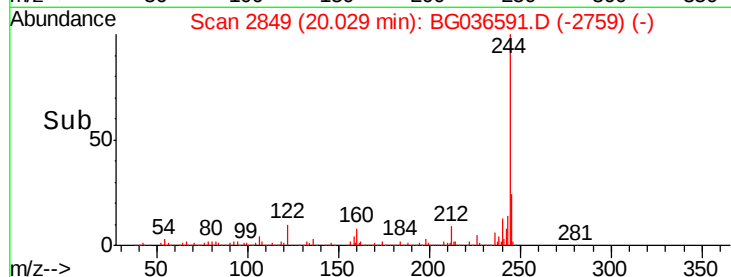
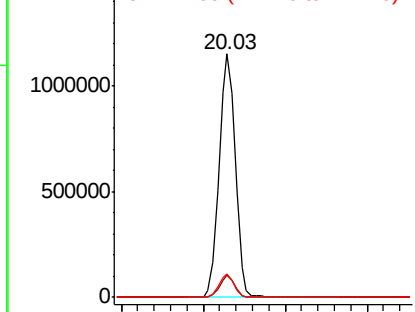
#78
 Terphenyl-d14
 Concen: 78.883 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1589580
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.0 10.6
 122 9.8 7.1 10.7

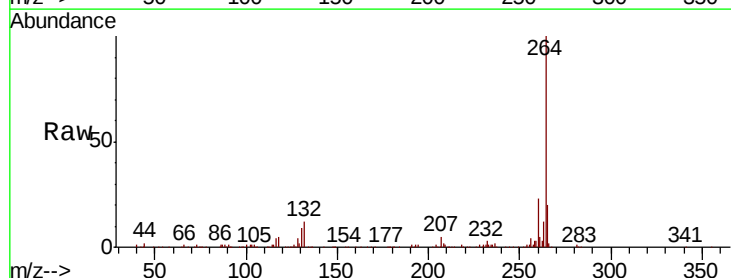


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Tgt Ion:264 Resp: 435498
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.6 29.4
 265 20.5 17.4 26.0



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

