

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036596.D
 Acq On : 7 Sep 2018 14:25
 Operator : JU/SJ
 Sample : PB112677BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 16:54:20 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

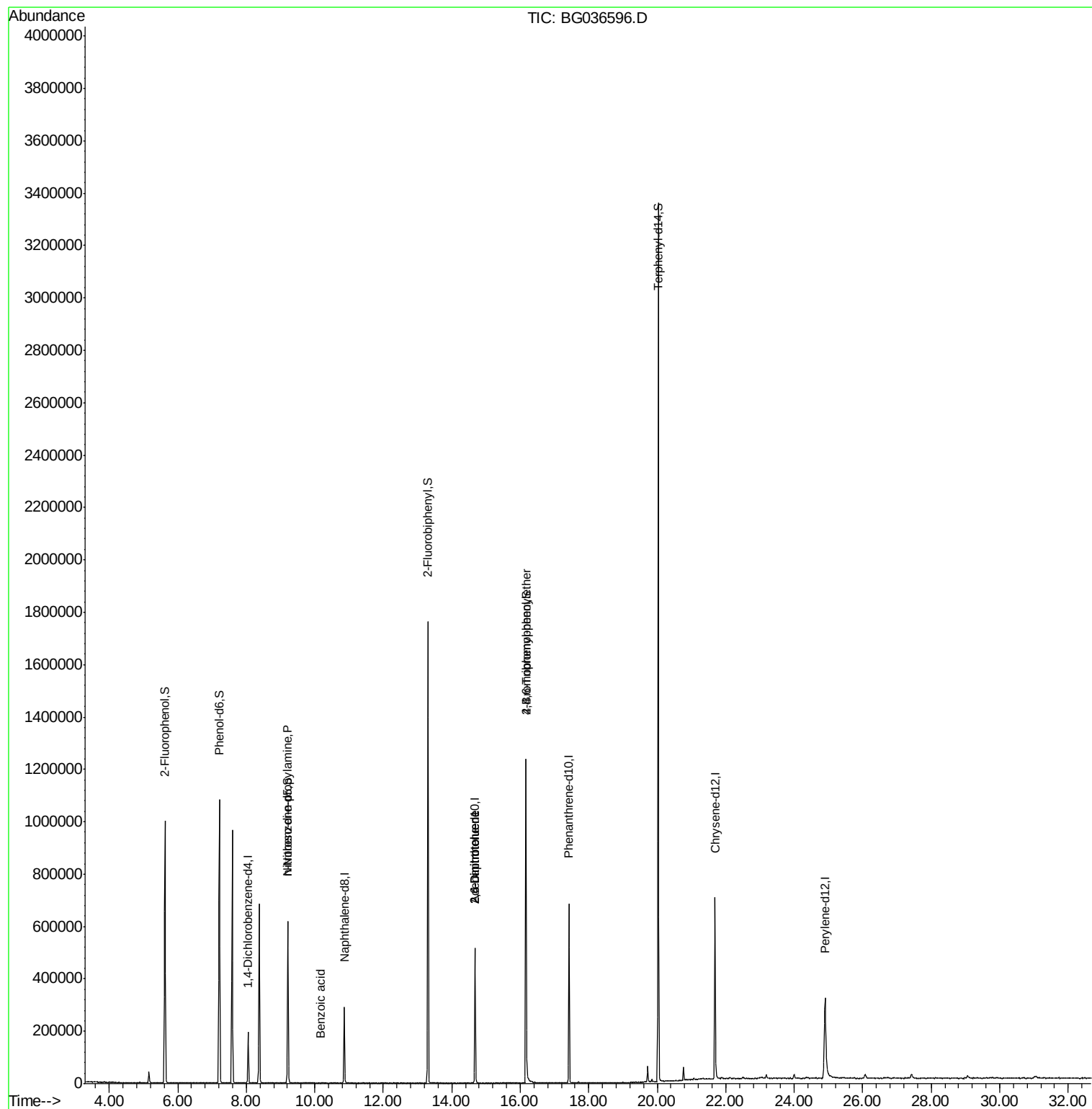
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56225	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	247460	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	176222	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	447611	20.00	ng	0.00
75) Chrysene-d12	21.69	240	468951	20.00	ng	0.00
86) Perylene-d12	24.90	264	422202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	426842	120.43	ng	0.00
7) Phenol-d6	7.21	99	614710	121.13	ng	0.00
23) Nitrobenzene-d5	9.22	82	374342	82.08	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	253980	120.79	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	940231	76.18	ng	0.00
78) Terphenyl-d14	20.03	244	1552666	77.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	49709	13.107	ng	# 74
32) Benzoic acid	10.17	122	54	4.497	ng	# 1
50) 2,6-Dinitrotoluene	14.68	165	22774	7.691	ng	# 23
56) 2,4-Dinitrotoluene	14.68	165	22774	5.901	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	17680	3.374	ng	# 1

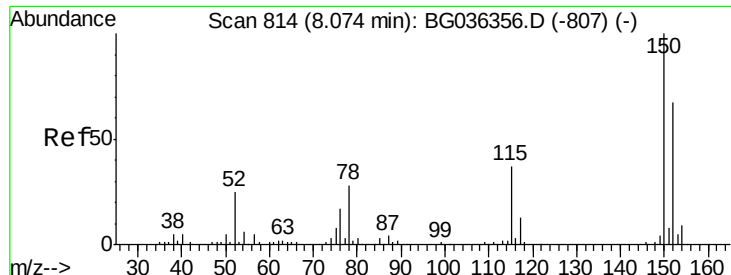
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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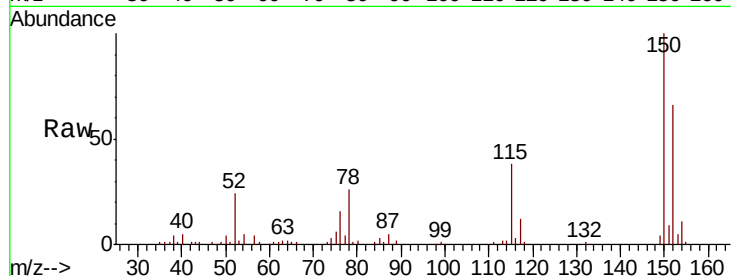




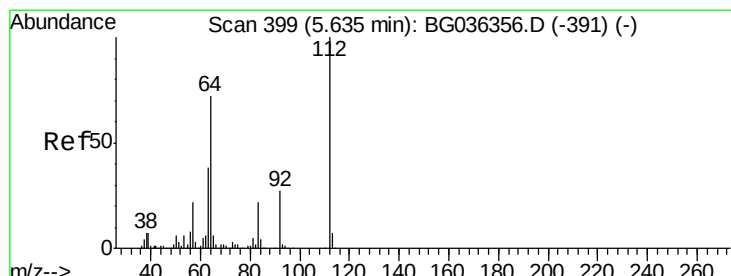
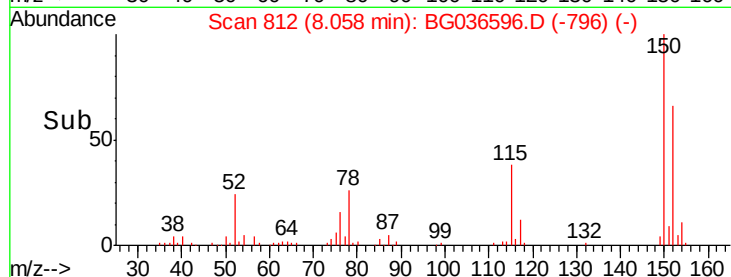
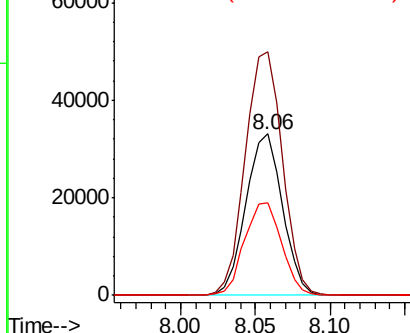
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036596.D
 Acq: 7 Sep 2018 14:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 56225
 Ion Ratio Lower Upper
 152 100
 150 150.8 119.5 179.3
 115 57.2 44.5 66.7

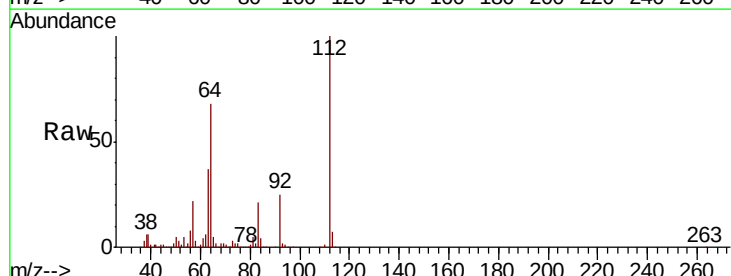


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

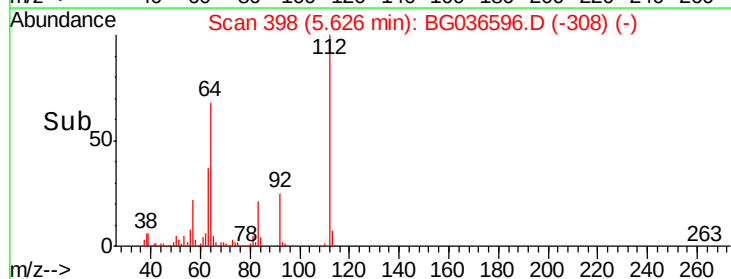
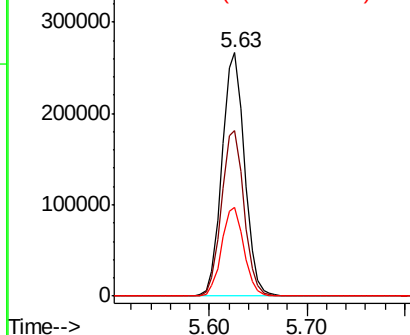


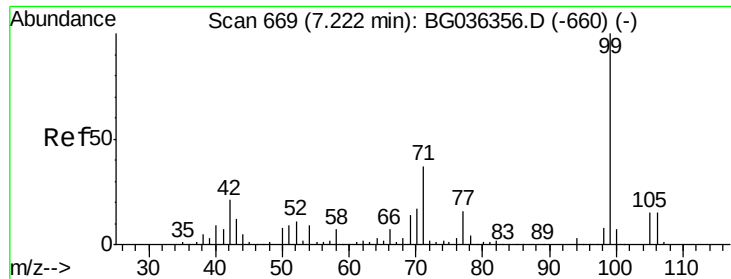
#5
 2-Fluorophenol
 Concen: 120.426 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036596.D
 Acq: 7 Sep 2018 14:25

Tgt Ion:112 Resp: 426842
 Ion Ratio Lower Upper
 112 100
 64 67.7 57.2 85.8
 63 36.5 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: 121.131 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036596.D

Acq: 7 Sep 2018 14:25

Instrument :

BNA_G

ClientSampled :

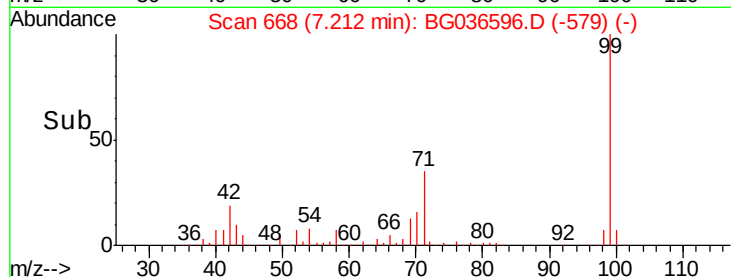
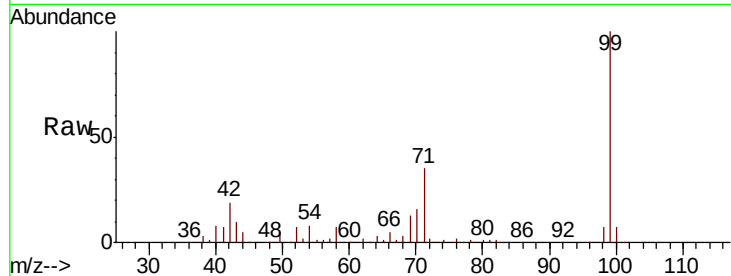
Tot Ion: 99 Resp: 614710

Ion Ratio Lower Upper

99 100

42 19.1 16.5 24.7

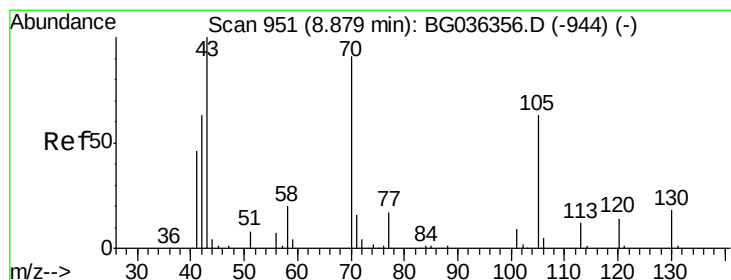
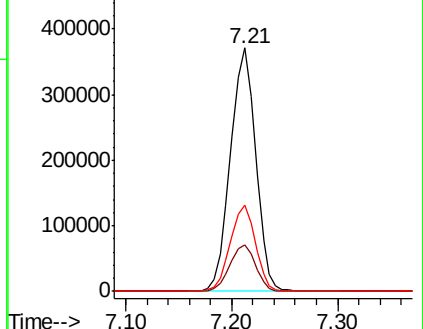
71 35.3 29.4 44.2



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: 13.107 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036596.D

Acq: 7 Sep 2018 14:25

Tgt Ion: 70 Resp: 49709

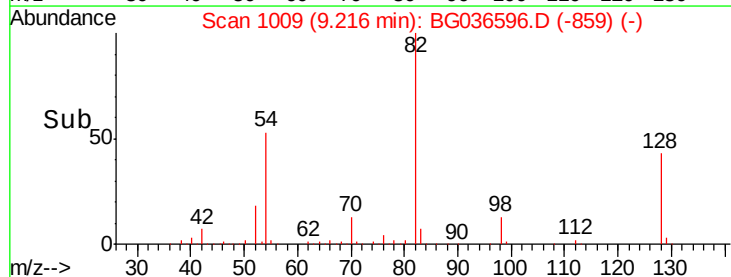
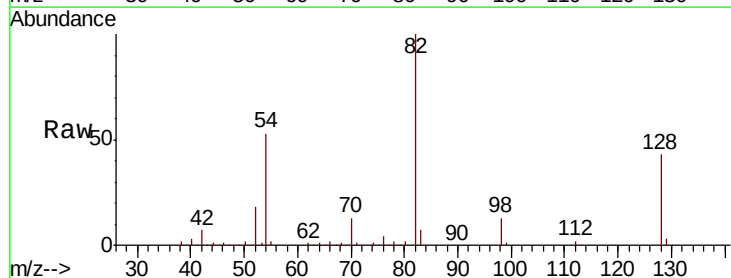
Ion Ratio Lower Upper

70 100

42 51.6 56.2 84.4#

101 0.0 7.8 11.6#

130 2.4 16.2 24.2#

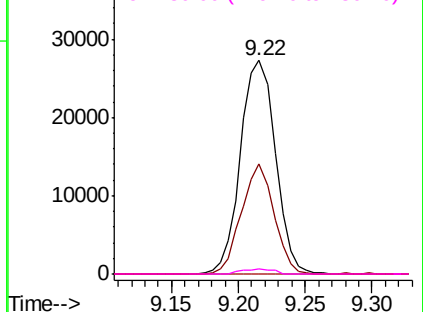


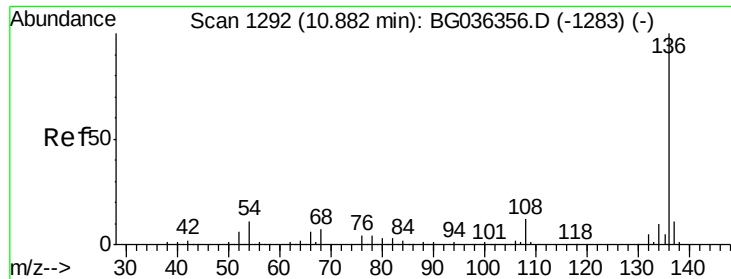
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

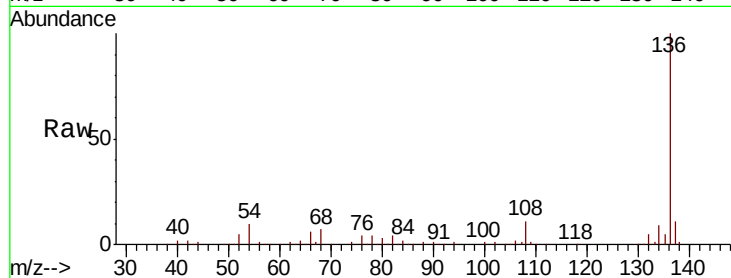




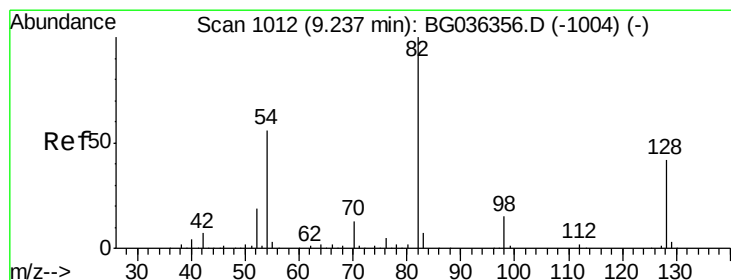
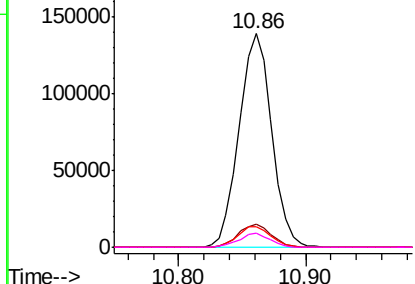
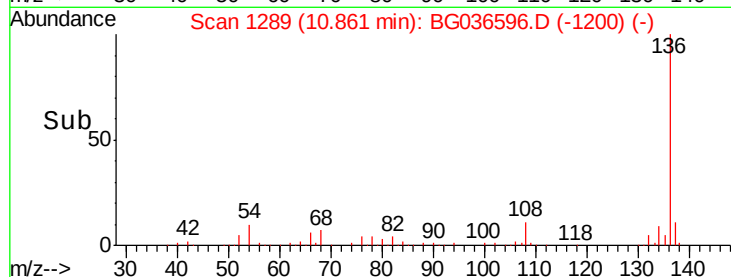
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036596.D
Acq: 7 Sep 2018 14:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	247460
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.8	9.2	13.8
68	6.8	5.8	8.6

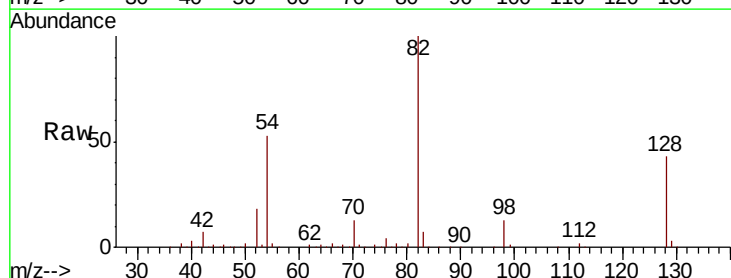


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

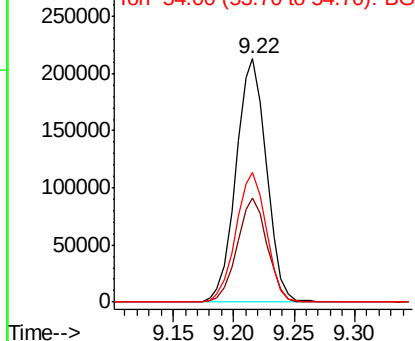
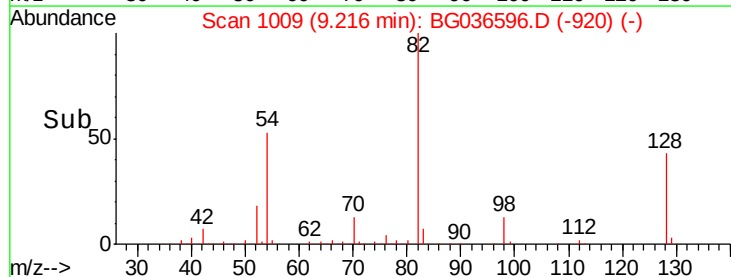


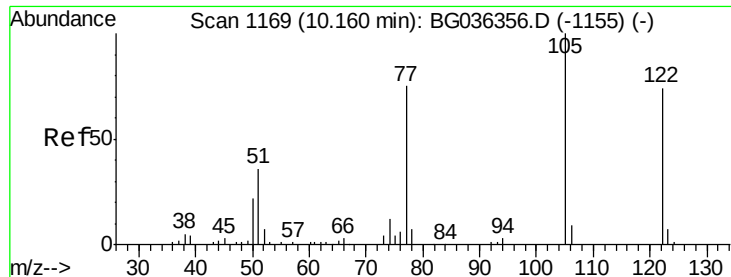
#23
Nitrobenzene-d5
Concen: 82.076 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036596.D
Acq: 7 Sep 2018 14:25

Tgt Ion:	82	Resp:	374342
Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.3	49.9
54	53.4	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

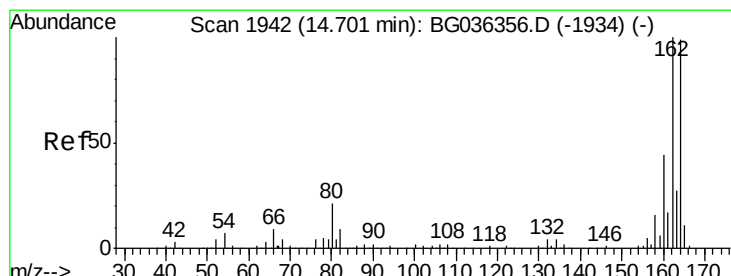
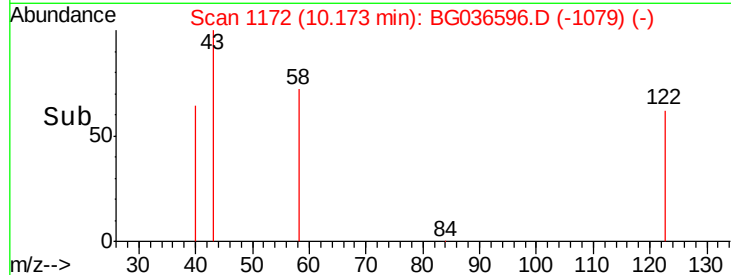
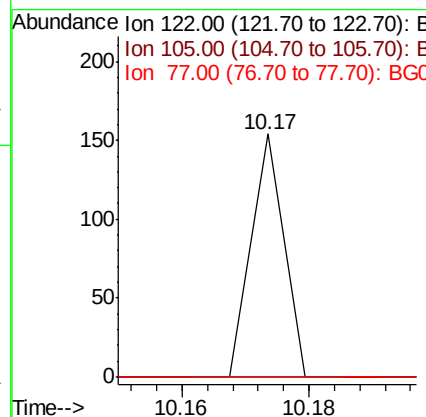
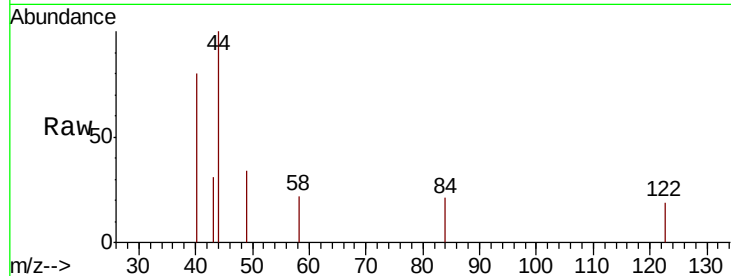




#32
Benzoic acid
Concen: 4.497 ng
RT: 10.17 min Scan# 1172
Delta R.T. 0.02 min
Lab File: BG036596.D
Acq: 7 Sep 2018 14:25

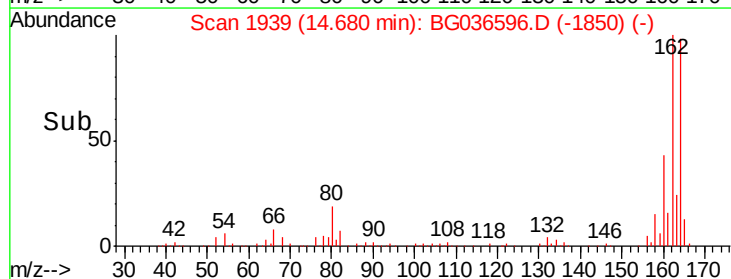
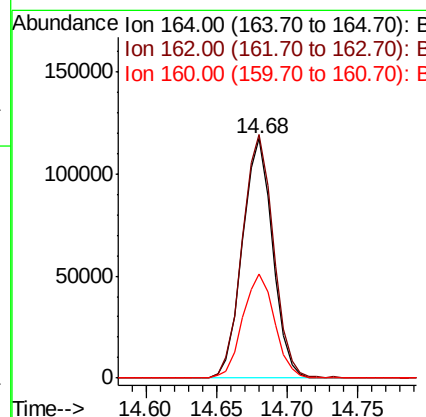
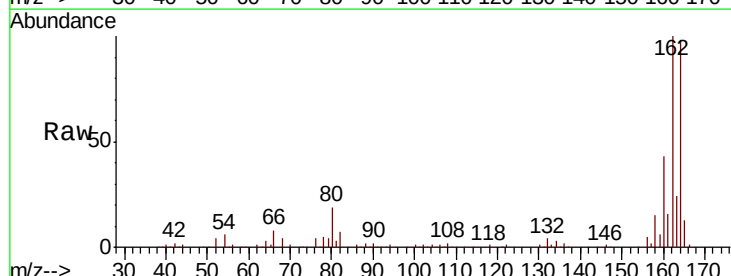
Instrument :
BNA_G
ClientSampleId :

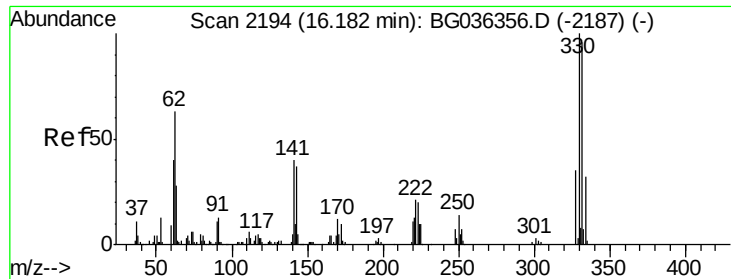
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036596.D
Acq: 7 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.7	121.1
160	43.6	35.3	52.9

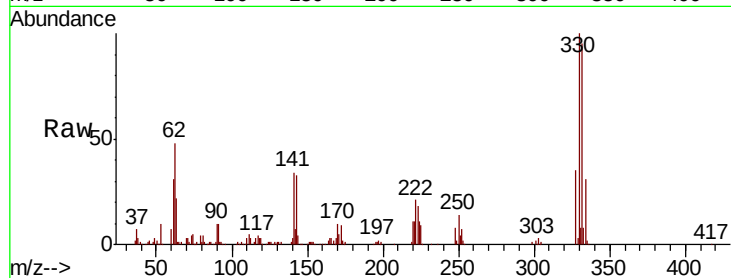




#41
 2,4,6-Tribromophenol
 Concen: 120.786 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036596.D
 Acq: 7 Sep 2018 14:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.2
141	35.7	30.7	46.1

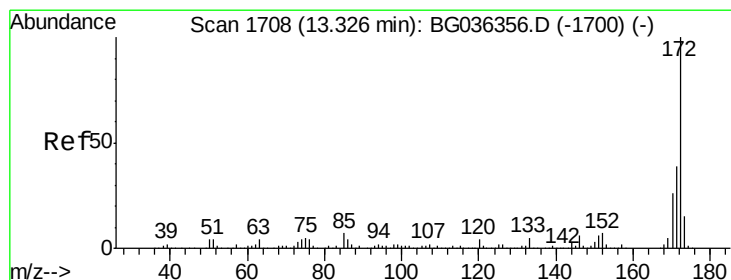
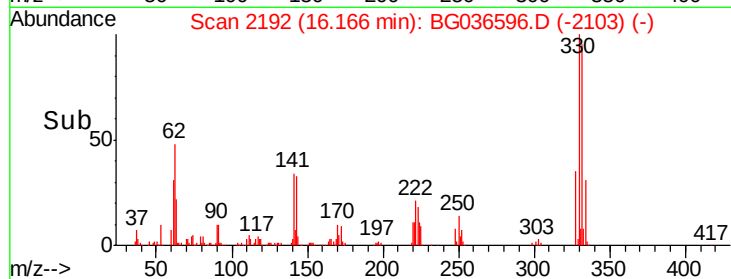
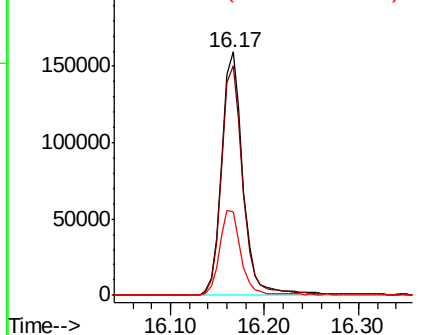


Abundance

Ion 329.80 (329.50 to 330.50): E

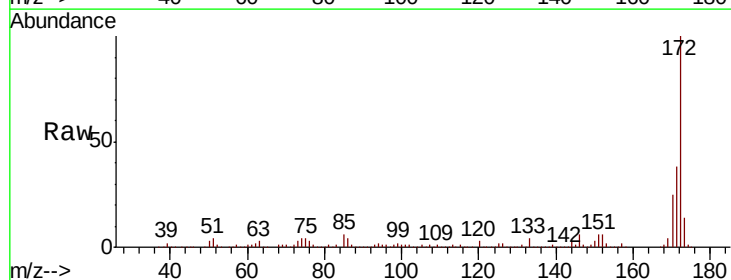
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.181 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036596.D
 Acq: 7 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.4	21.0	31.6

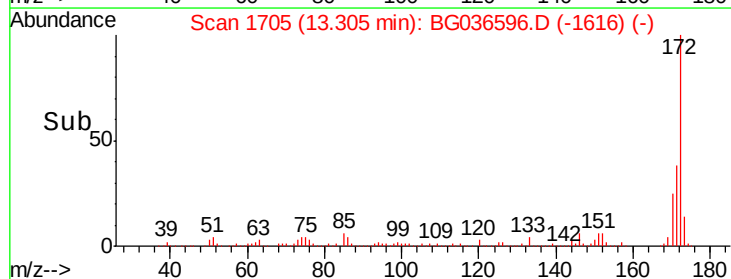
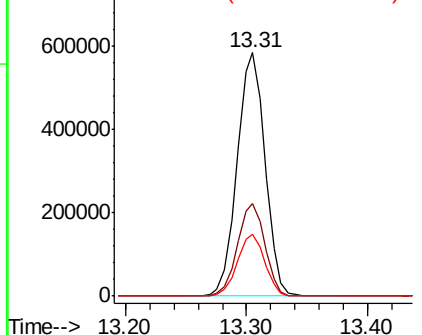


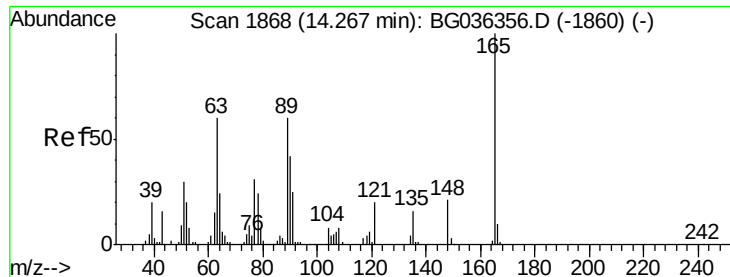
Abundance

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: 7.691 ng

RT: 14.68 min Scan# 1939

Delta R.T. 0.42 min

Lab File: BG036596.D

Acq: 7 Sep 2018 14:25

Instrument :

BNA_G

ClientSampleId :

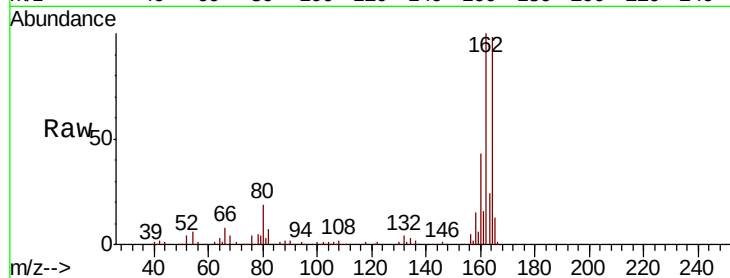
Tot Ion:165 Resp: 22774

Ion Ratio Lower Upper

165 100

63 2.1 50.1 75.1#

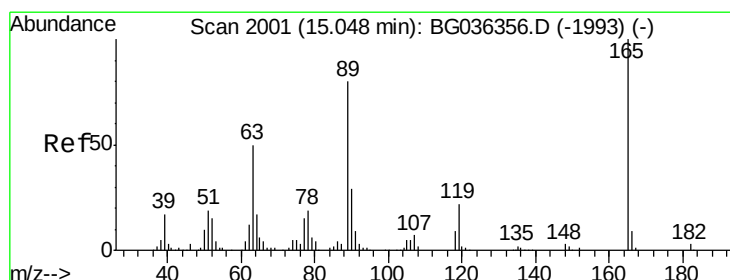
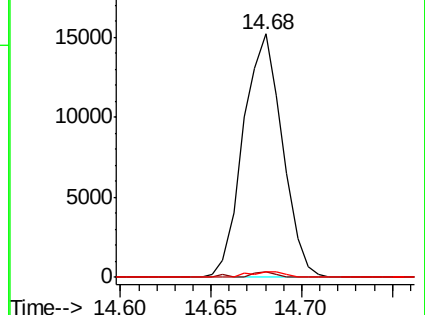
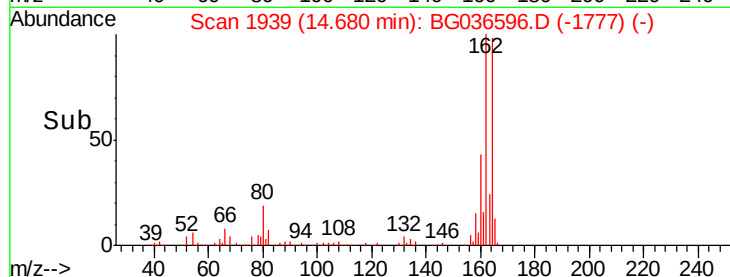
89 2.2 47.8 71.6#



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: 5.901 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.36 min

Lab File: BG036596.D

Acq: 7 Sep 2018 14:25

Tgt Ion:165 Resp: 22774

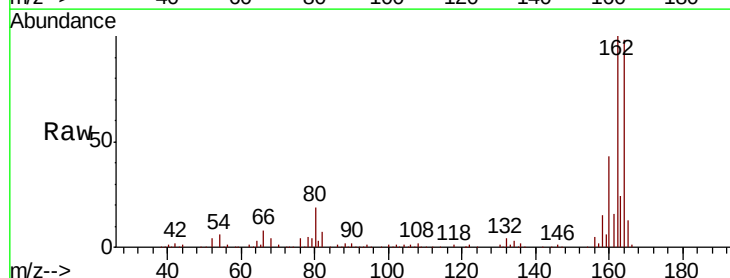
Ion Ratio Lower Upper

165 100

63 2.1 40.1 60.1#

89 2.2 63.7 95.5#

182 0.0 2.5 3.7#

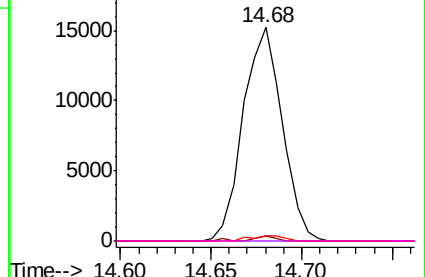
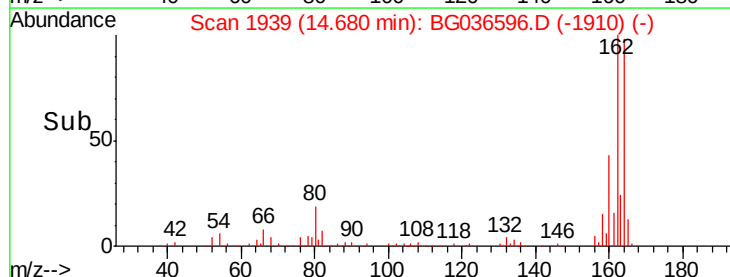


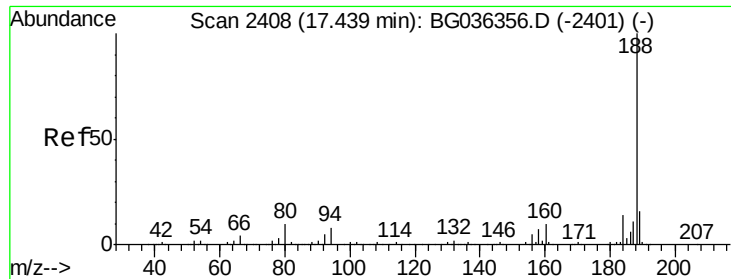
Abundance Ion 165.00 (164.70 to 165.70): E

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

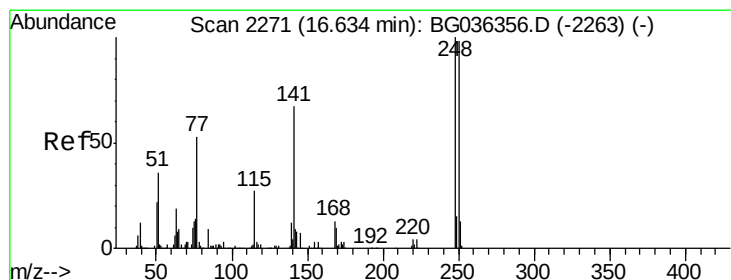
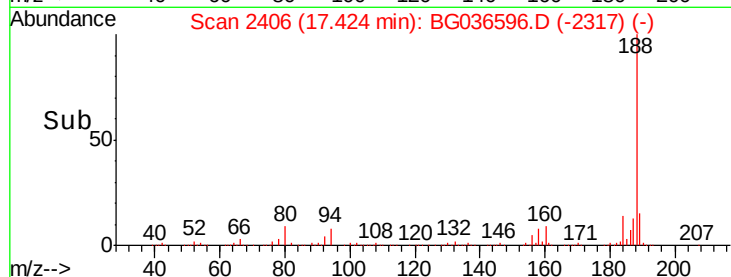
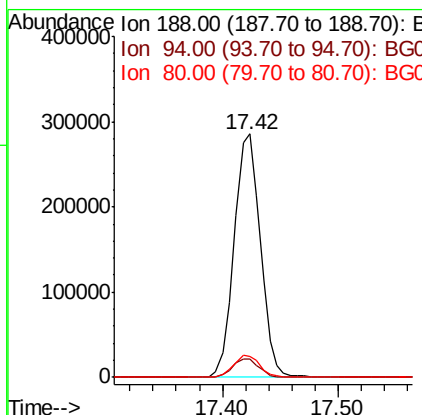
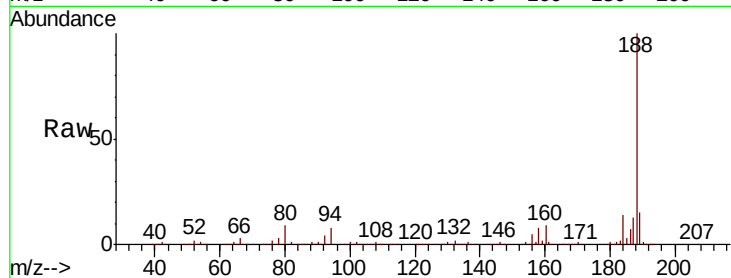




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036596.D
 Acq: 7 Sep 2018 14:25

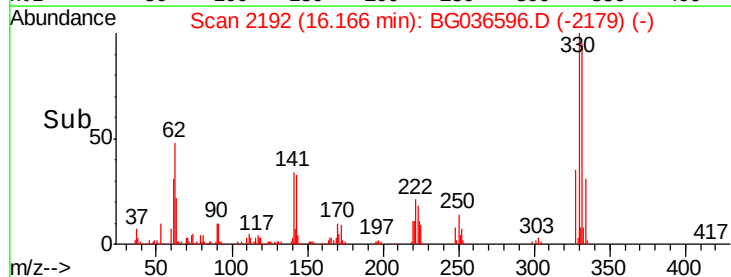
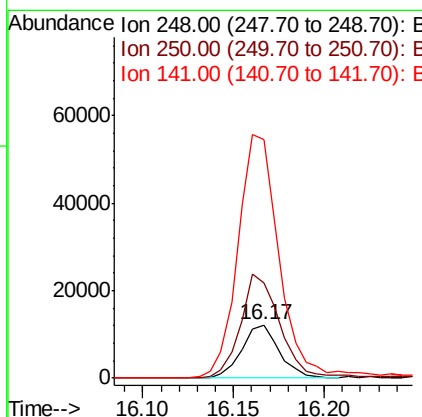
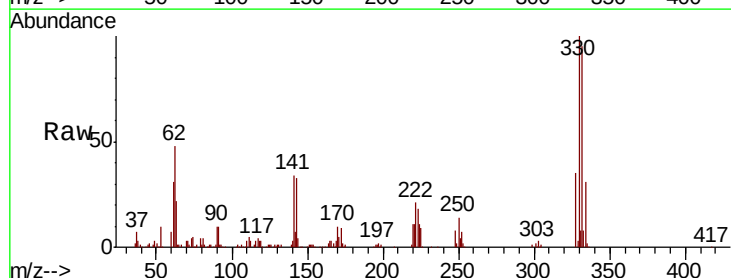
Instrument :
 BNA_G
 ClientSampleId :

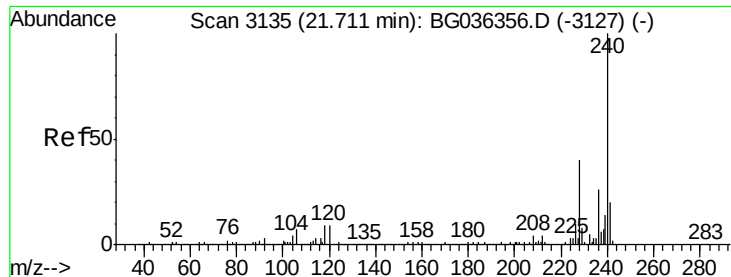
Tot Ion:188 Resp: 447611
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.7 10.1
 80 8.7 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.374 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036596.D
 Acq: 7 Sep 2018 14:25

Tgt Ion:248 Resp: 17680
 Ion Ratio Lower Upper
 248 100
 250 179.4 78.1 117.1#
 141 449.4 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036596.D

Acq: 7 Sep 2018 14:25

Instrument :

BNA_G

ClientSampleId :

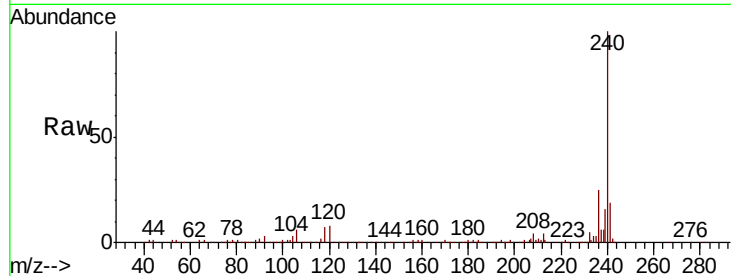
Tot Ion:240 Resp: 468951

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

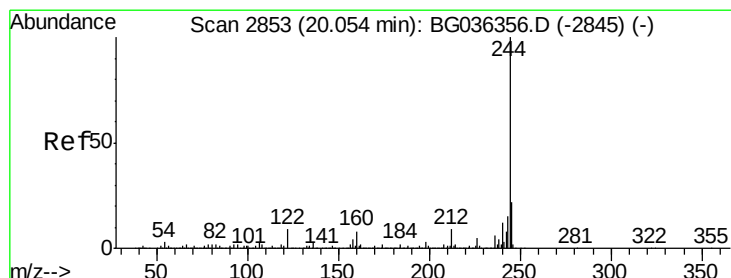
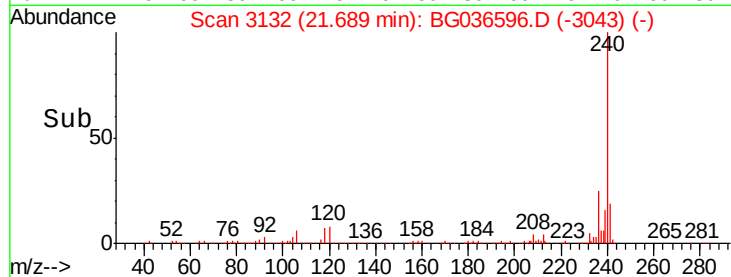
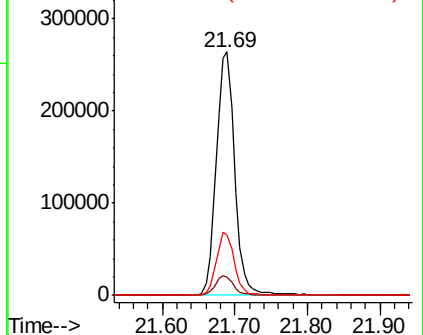
236 24.7 21.2 31.8



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: 77.388 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036596.D

Acq: 7 Sep 2018 14:25

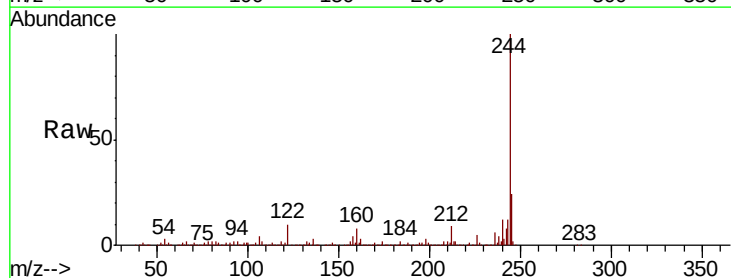
Tgt Ion:244 Resp: 1552666

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

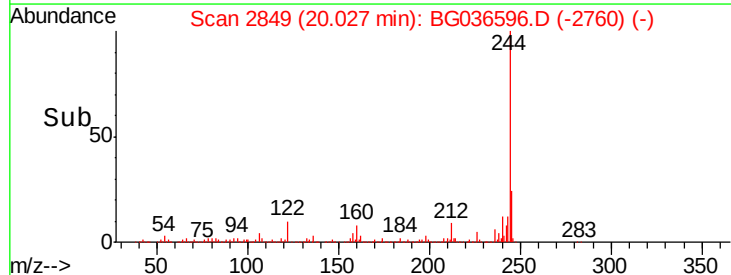
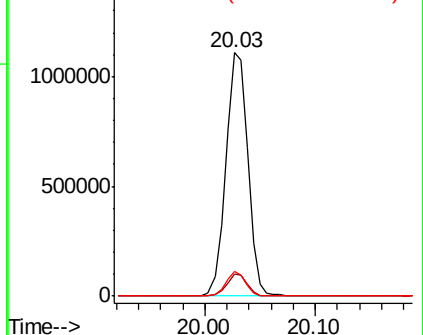
122 9.9 7.1 10.7

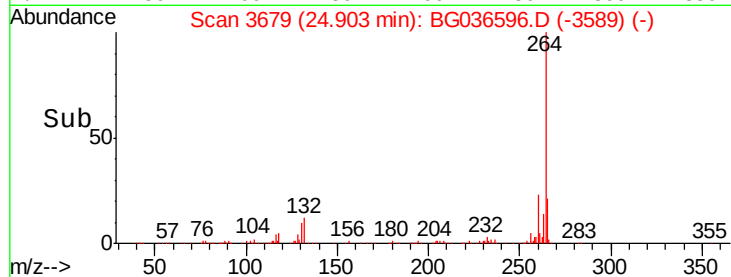
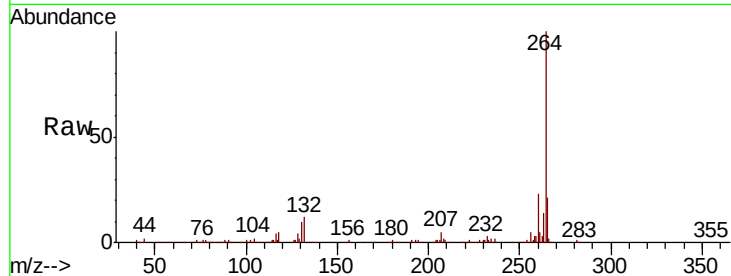
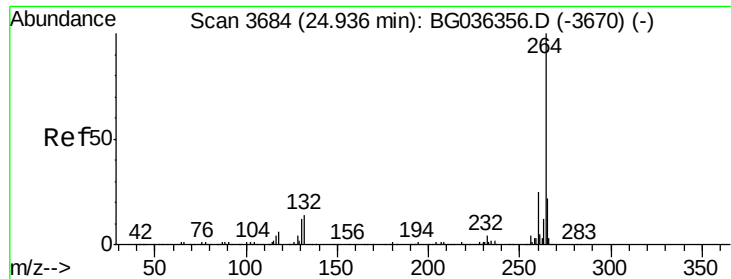


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.90 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036596.D
Acq: 7 Sep 2018 14:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	21.2	17.4	26.0

