

Data File : BG036605.D
Acq On : 7 Sep 2018 20:16
Operator : JU/SJ
Sample : J4783-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-GW001-01

Quant Time: Sep 08 00:46:21 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

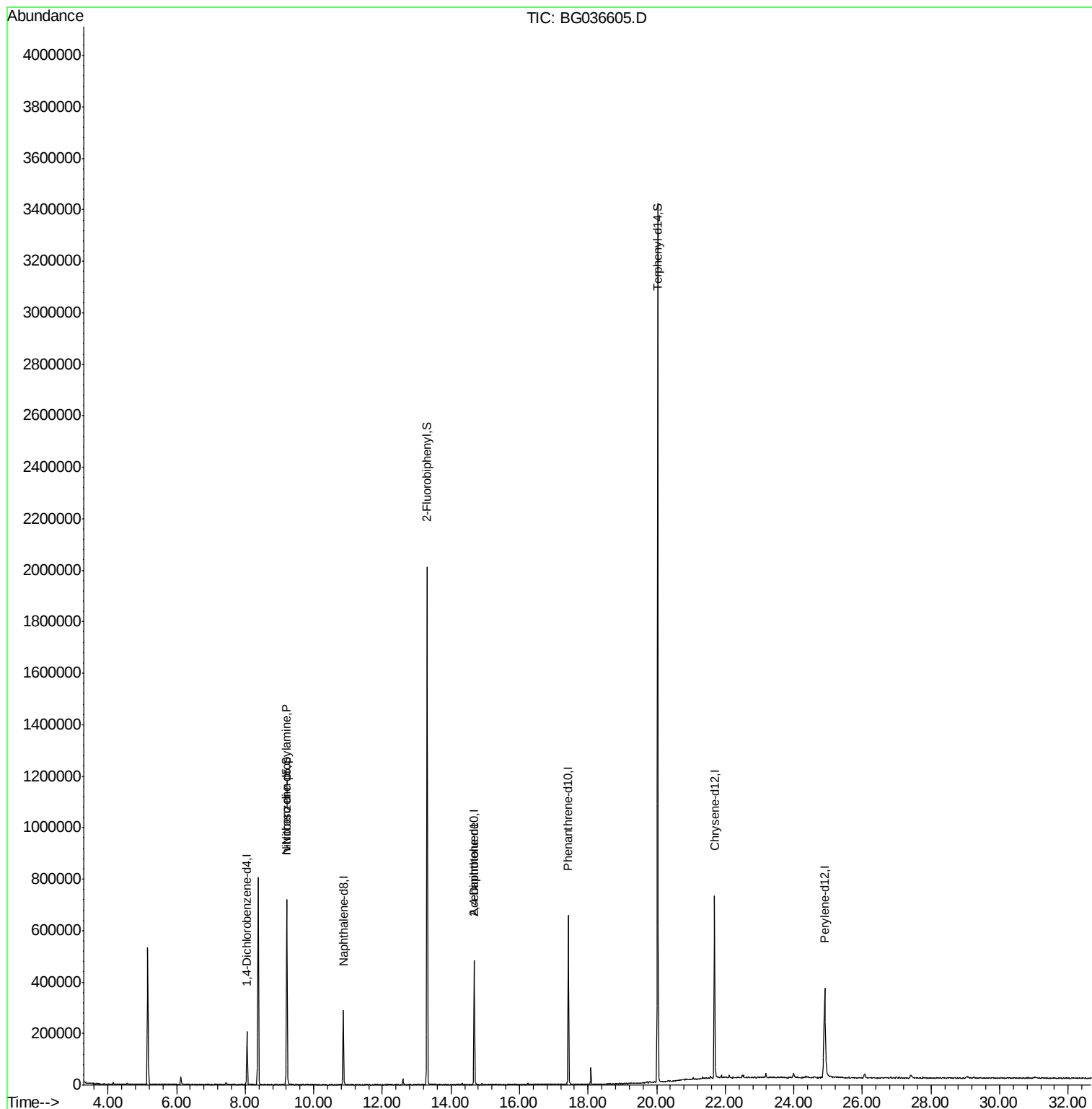
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59331	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	245356	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	166872	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	433008	20.00	ng	0.00
75) Chrysene-d12	21.68	240	441755	20.00	ng	-0.01
86) Perylene-d12	24.90	264	422781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.22	99	818	0.15	ng	0.00
23) Nitrobenzene-d5	9.22	82	436979	96.63	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.31	172	1020430	87.31	ng	0.00
78) Terphenyl-d14	20.03	244	1603881	84.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	59066	14.758	ng	Qvalue # 69
56) 2,4-Dinitrotoluene	14.68	165	21247	5.814	ng	# 21

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

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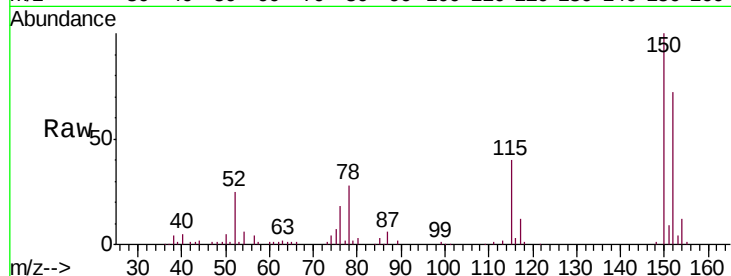




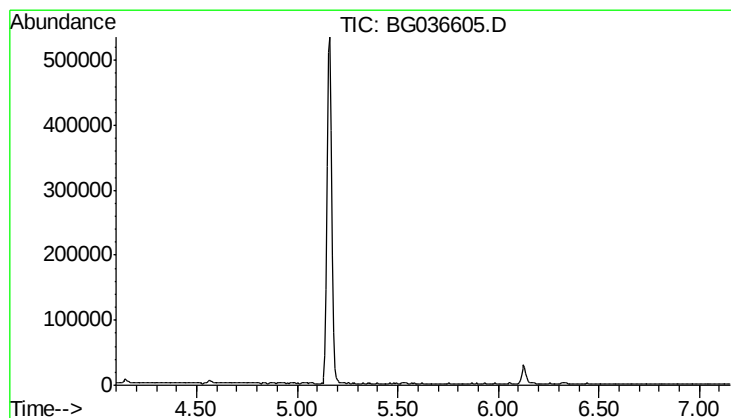
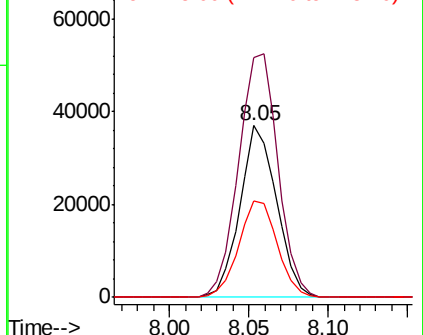
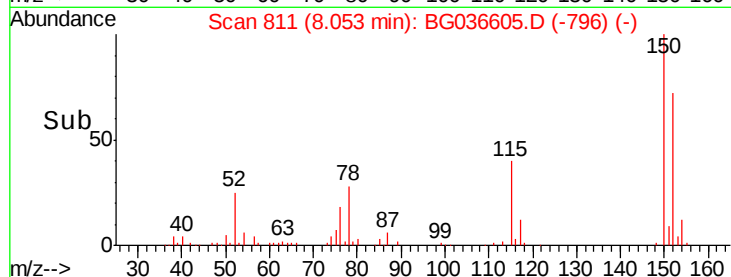
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036605.D
 Acq: 7 Sep 2018 20:16

Instrument :
 BNA_G
 ClientSampleId :
 P001-GW001-01

Tgt Ion:152 Resp: 59331
 Ion Ratio Lower Upper
 152 100
 150 139.7 119.5 179.3
 115 56.5 44.5 66.7

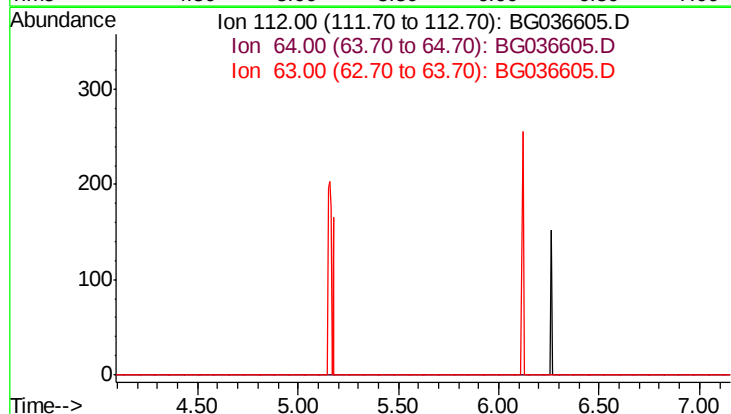


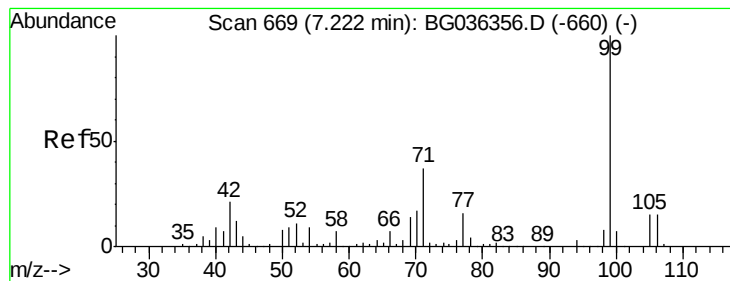
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.63 min
 Lab File: BG036605.D
 Acq: 7 Sep 2018 20:16

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 71.5
 63 38.5





#7

Phenol-d6

Concen: 0.153 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG036605.D

Acq: 7 Sep 2018 20:16

Instrument :

BNA_G

ClientSampleId :

P001-GW001-01

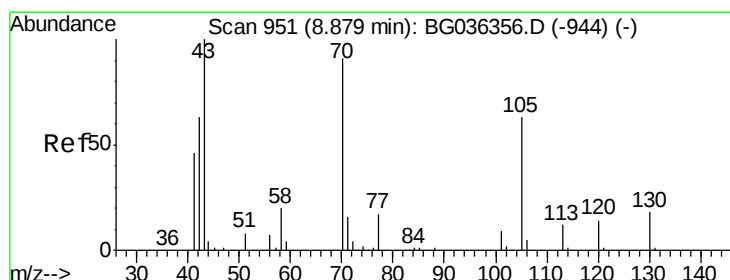
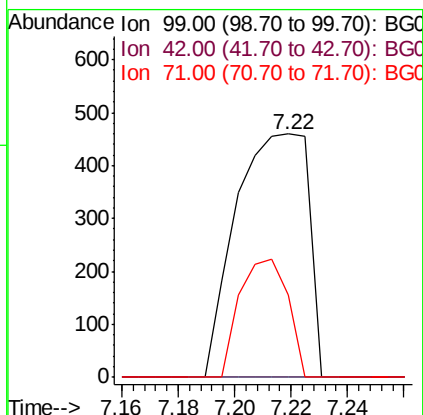
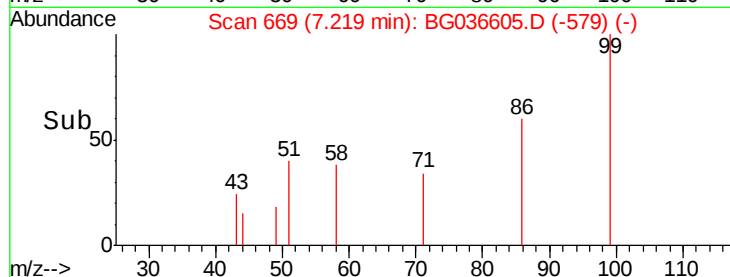
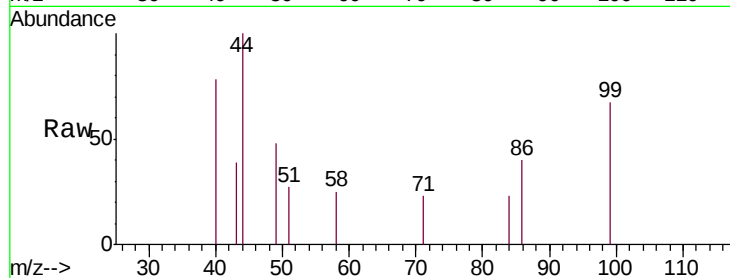
Tgt Ion: 99 Resp: 818

Ion Ratio Lower Upper

99 100

42 0.0 16.5 24.7#

71 33.7 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.758 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036605.D

Acq: 7 Sep 2018 20:16

Tgt Ion: 70 Resp: 59066

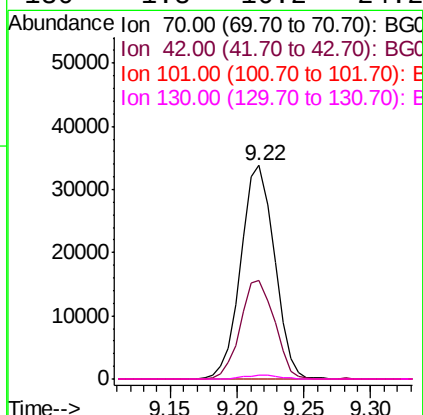
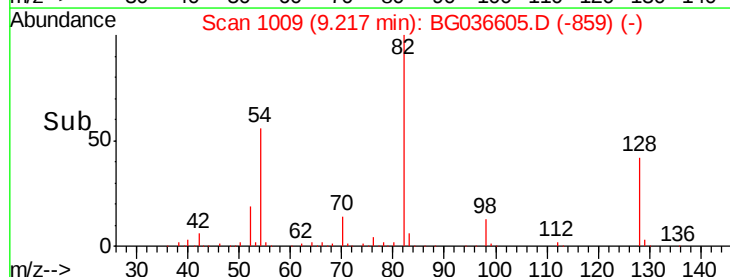
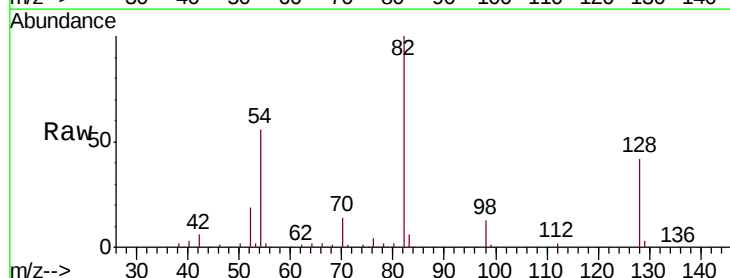
Ion Ratio Lower Upper

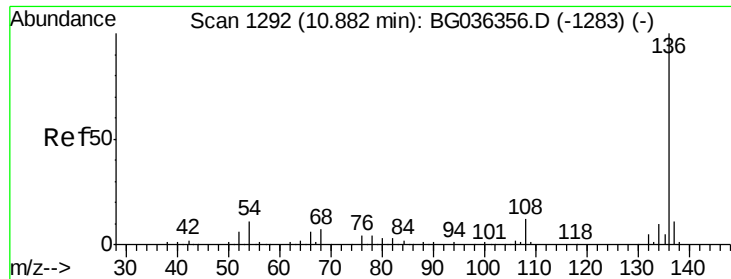
70 100

42 46.1 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 16.2 24.2#

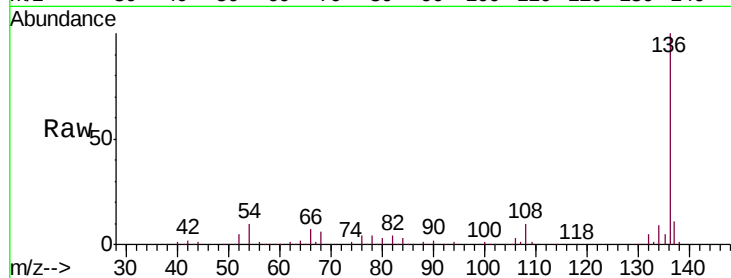




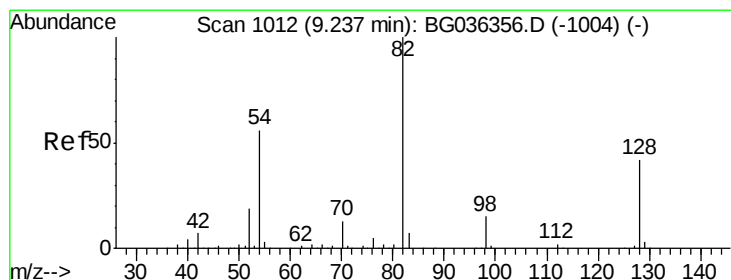
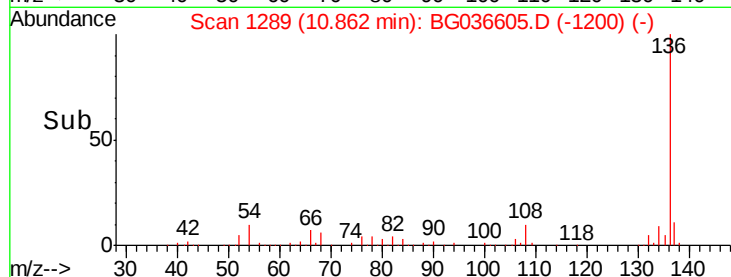
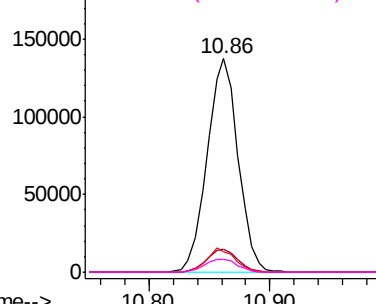
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036605.D
Acq: 7 Sep 2018 20:16

Instrument :
BNA_G
ClientSampleId :
P001-GW001-01

Tgt Ion:	136	Resp:	245356
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.7	9.2	13.8
68	6.1	5.8	8.6

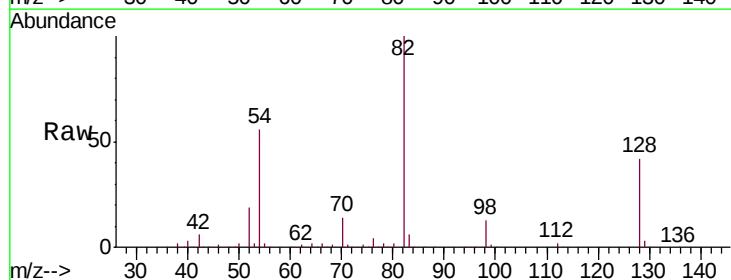


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

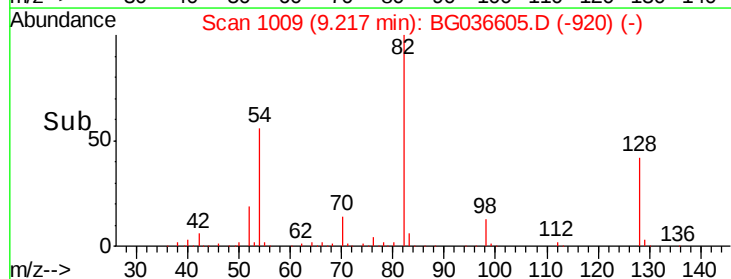
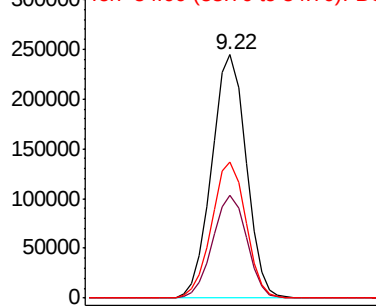


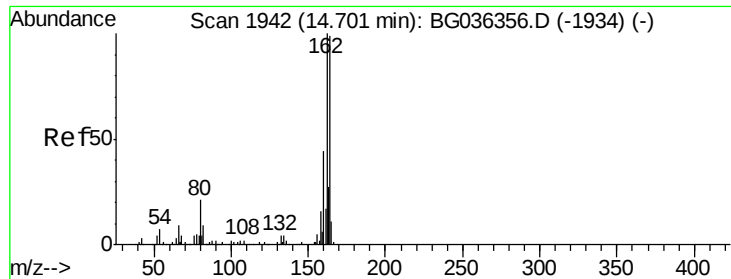
#23
Nitrobenzene-d5
Concen: 96.631 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036605.D
Acq: 7 Sep 2018 20:16

Tgt Ion:	82	Resp:	436979
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	55.7	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: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036605.D

Acq: 7 Sep 2018 20:16

Instrument :

BNA_G

ClientSampleId :

P001-GW001-01

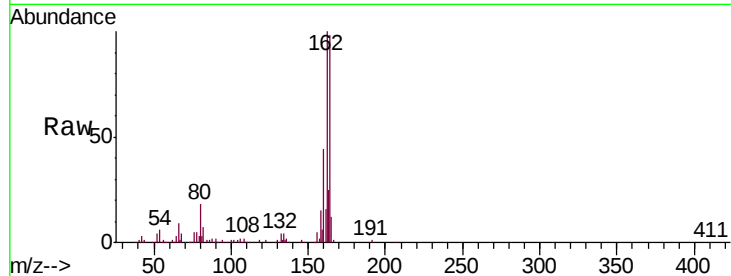
Tgt Ion:164 Resp: 166872

Ion Ratio Lower Upper

164 100

162 101.7 80.7 121.1

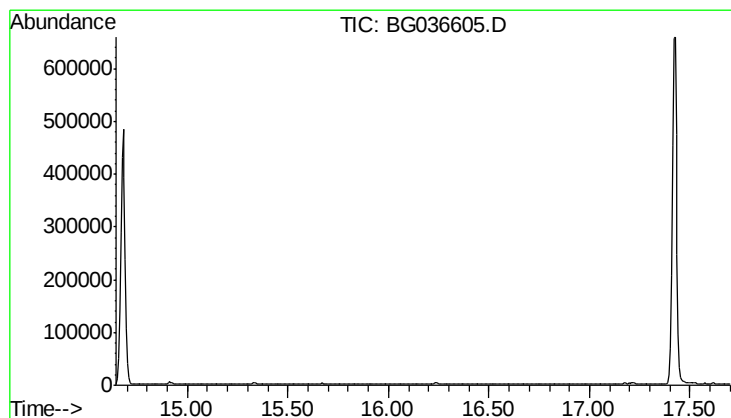
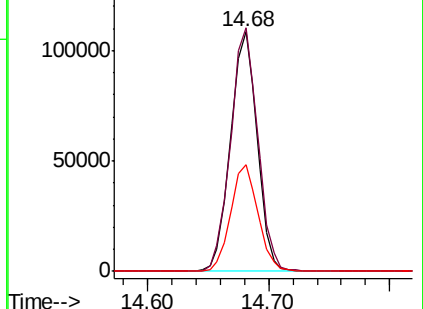
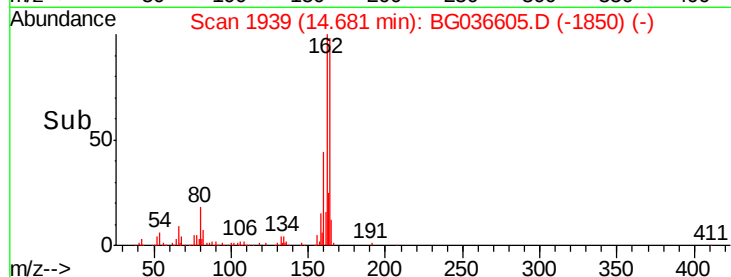
160 44.3 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

150000 Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.17 min

Lab File: BG036605.D

Acq: 7 Sep 2018 20:16

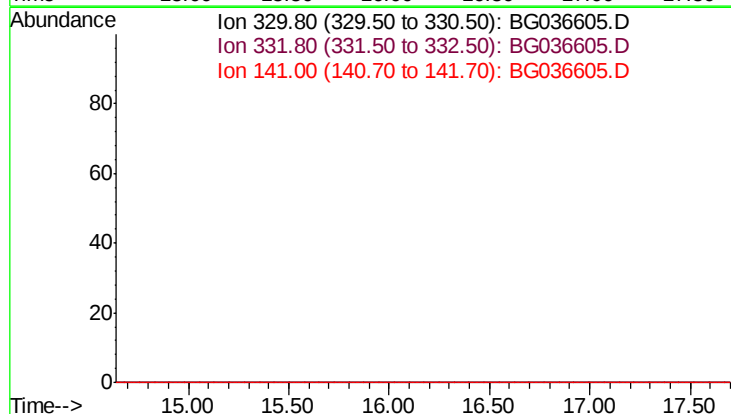
Tgt Ion: 330

Sig Exp Ratio

330 100

332 94.3

141 38.4

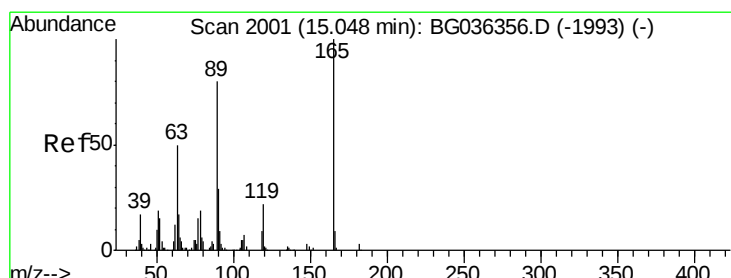
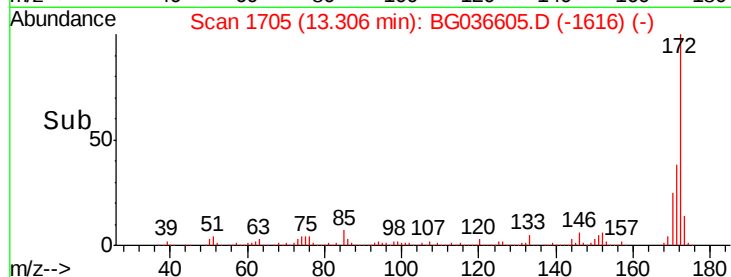
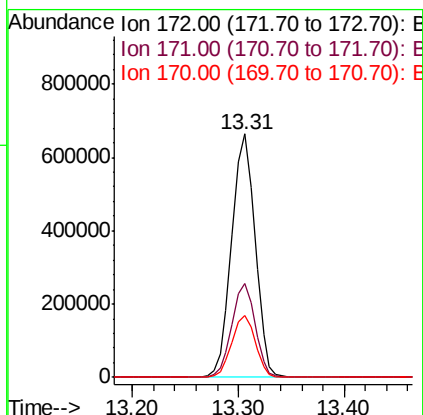
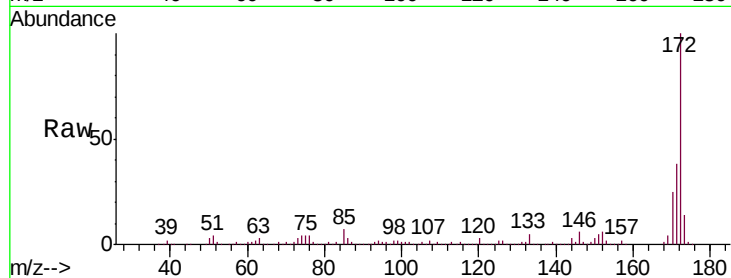




#44
 2-Fluorobiphenyl
 Concen: 87.312 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036605.D
 Acq: 7 Sep 2018 20:16

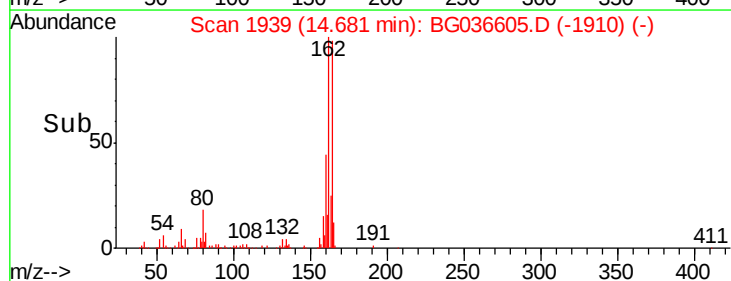
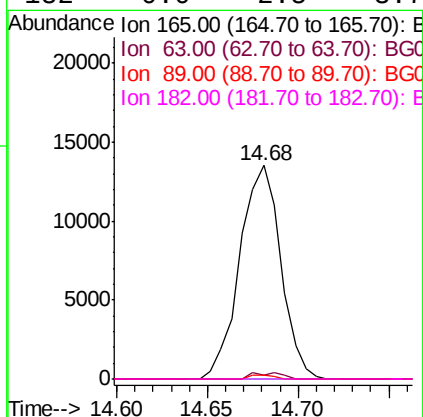
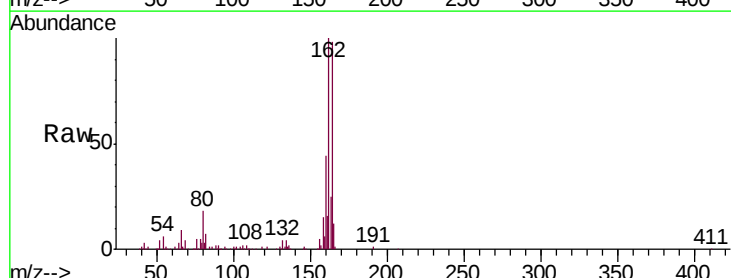
Instrument :
 BNA_G
 ClientSampleId :
 P001-GW001-01

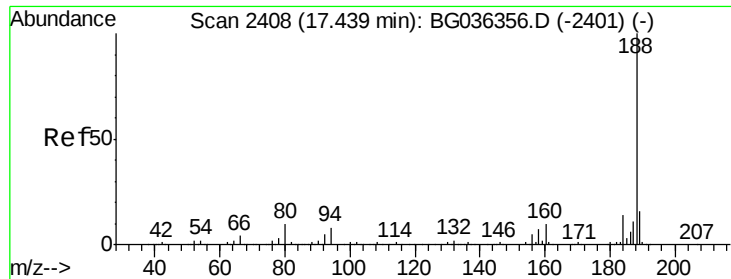
Tgt Ion:172 Resp: 1020430
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.3 46.9
 170 25.4 21.0 31.6



#56
 2,4-Dinitrotoluene
 Concen: 5.814 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036605.D
 Acq: 7 Sep 2018 20:16

Tgt Ion:165 Resp: 21247
 Ion Ratio Lower Upper
 165 100
 63 2.1 40.1 60.1#
 89 2.1 63.7 95.5#
 182 0.0 2.5 3.7#

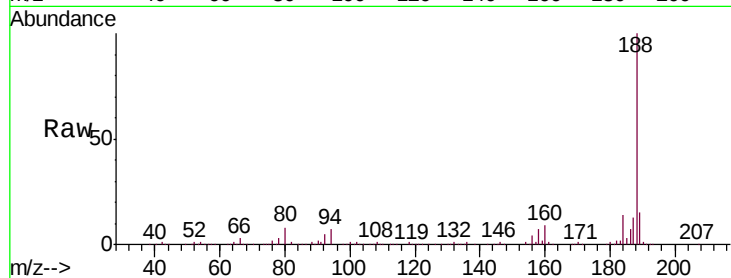




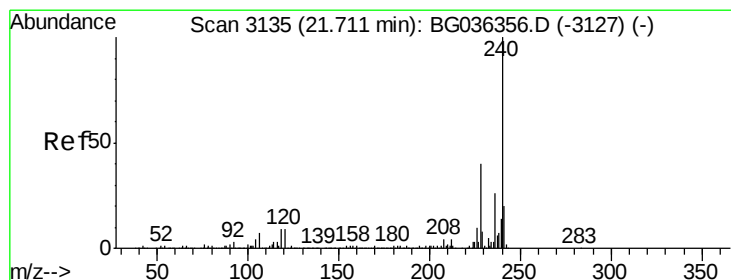
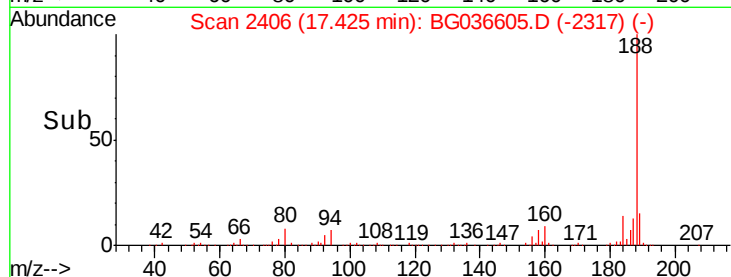
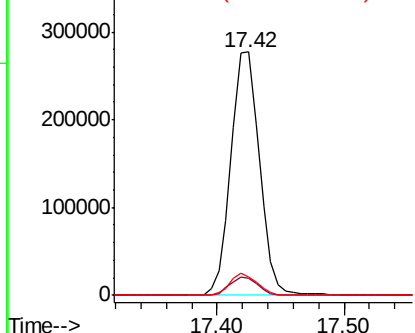
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036605.D
Acq: 7 Sep 2018 20:16

Instrument :
BNA_G
ClientSampleId :
P001-GW001-01

Tgt Ion:188 Resp: 433008
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 7.6 8.1 12.1#

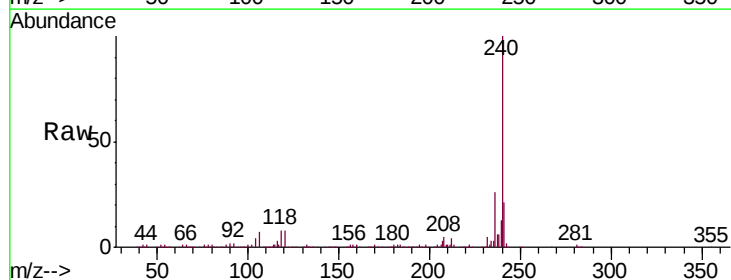


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

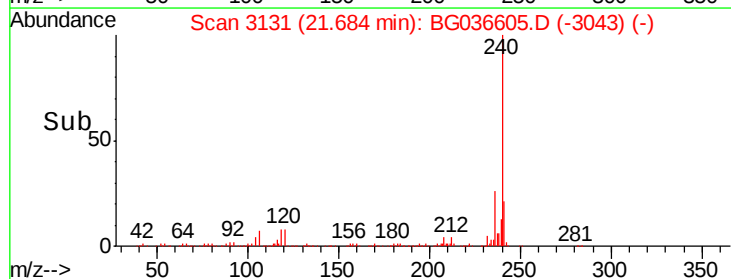
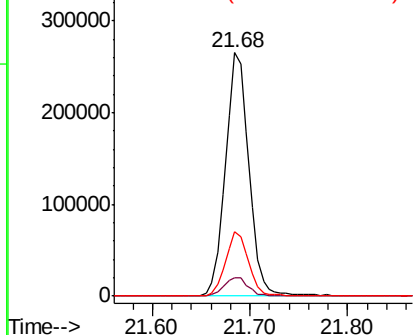


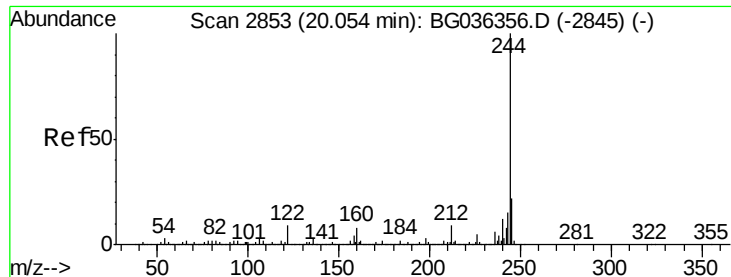
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036605.D
Acq: 7 Sep 2018 20:16

Tgt Ion:240 Resp: 441755
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 26.2 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: 84.862 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036605.D

Acq: 7 Sep 2018 20:16

Instrument :

BNA_G

ClientSampleId :

P001-GW001-01

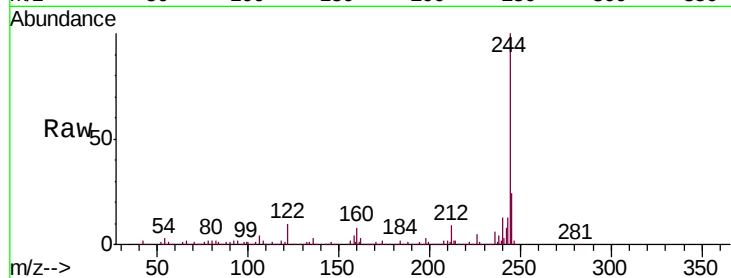
Tgt Ion:244 Resp: 1603881

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

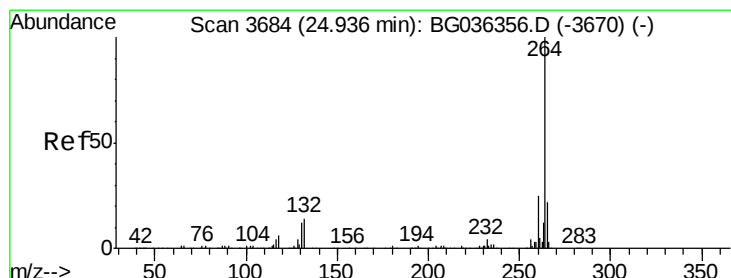
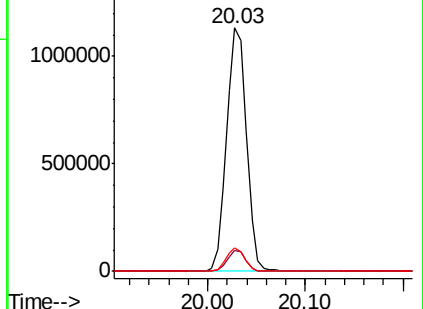
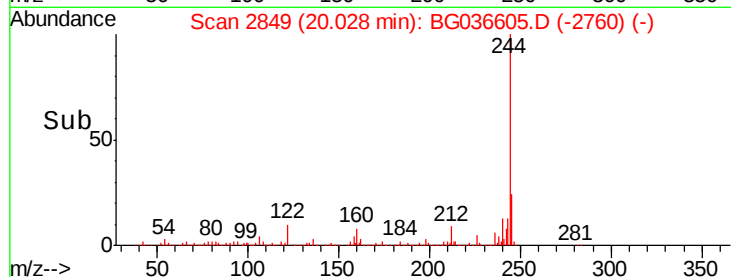
122 9.6 7.1 10.7



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: BG036605.D

Acq: 7 Sep 2018 20:16

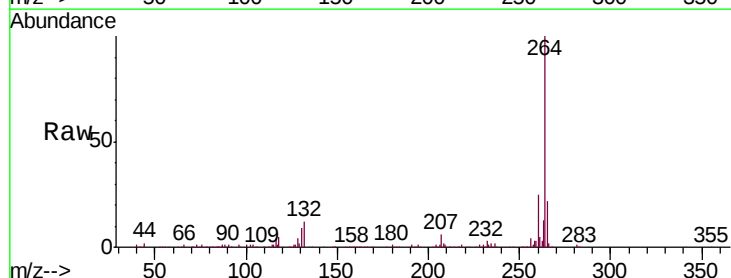
Tgt Ion:264 Resp: 422781

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 21.8 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

