

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
 Data File : BG035861.D
 Acq On : 25 Jul 2018 00:30
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 1PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 25 03:29:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 14:48:00 2018
 Response via : Initial Calibration

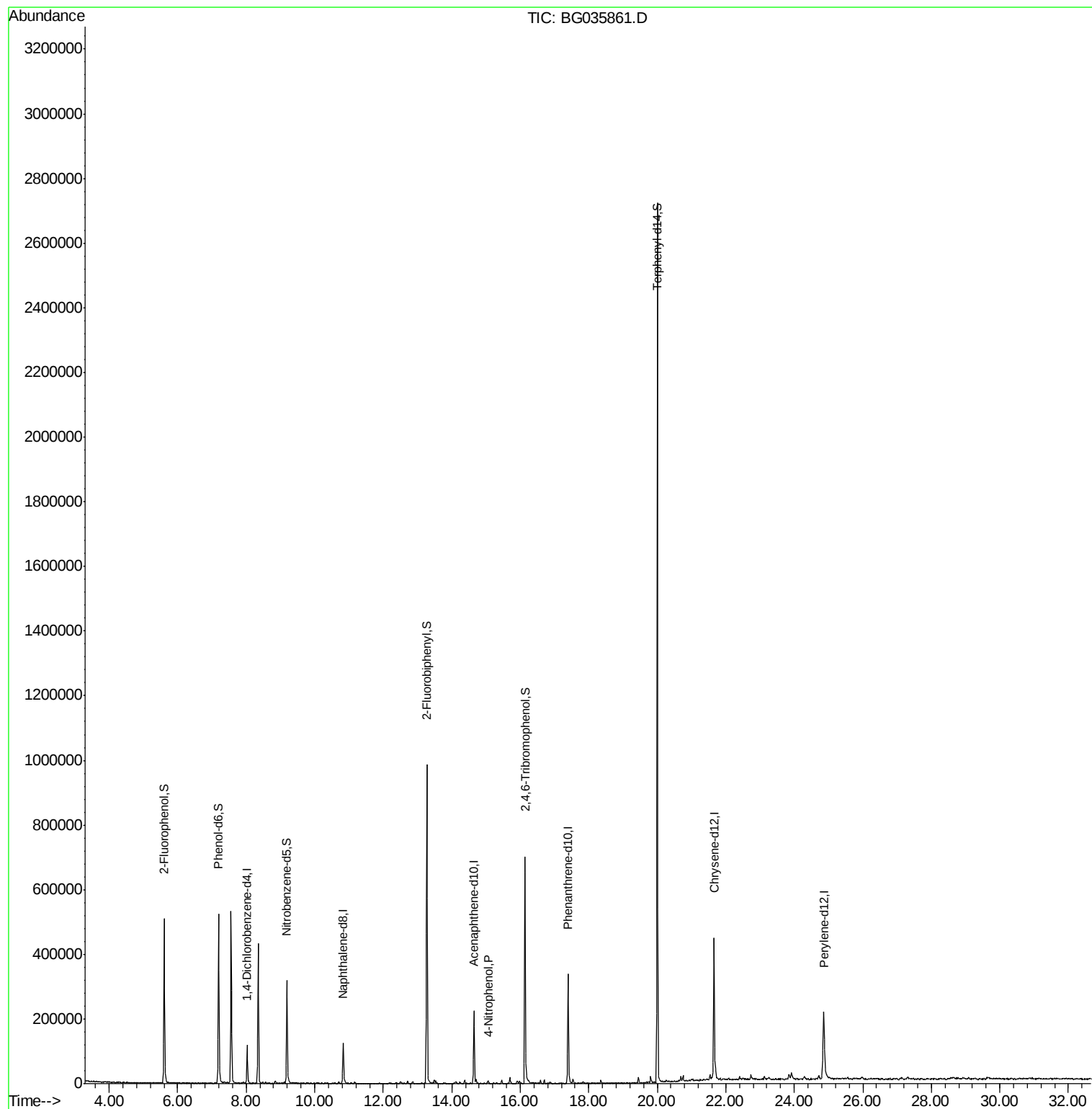
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32100	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	115741	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	81455	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	229874	20.00	ng	0.00
75) Chrysene-d12	21.65	240	305260	20.00	ng	0.00
86) Perylene-d12	24.86	264	261573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	238795	123.51	ng	0.00
7) Phenol-d6	7.19	99	337047	116.84	ng	0.00
23) Nitrobenzene-d5	9.19	82	231524	83.56	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	142258	132.50	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	561275	92.32	ng	0.00
78) Terphenyl-d14	20.00	244	1350086	97.49	ng	0.00
Target Compounds						
55) 4-Nitrophenol	15.06	139	3282	3.103	ng	Qvalue # 1

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

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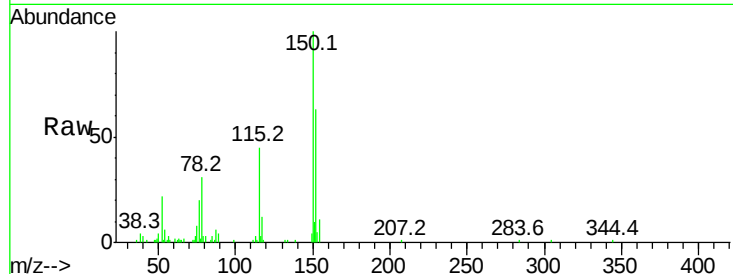


#1

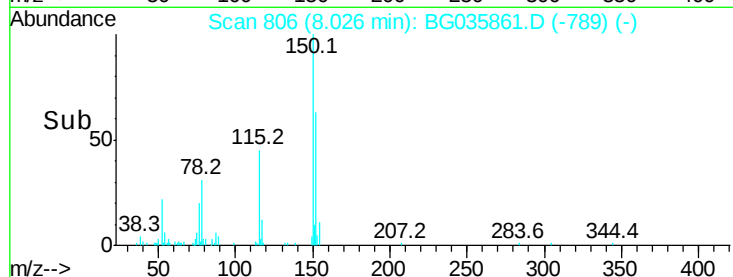
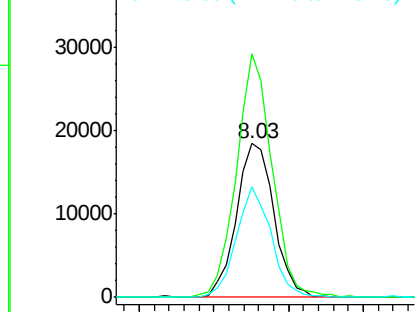
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035861.D
Acq: 25 Jul 2018 00:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.6	189.8
115	71.5	53.0	79.4



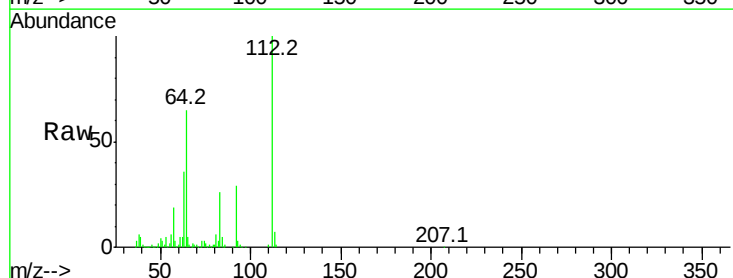
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



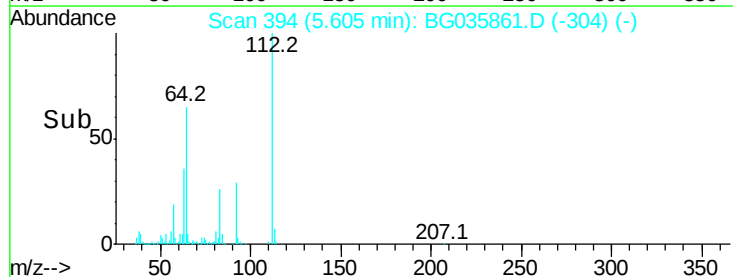
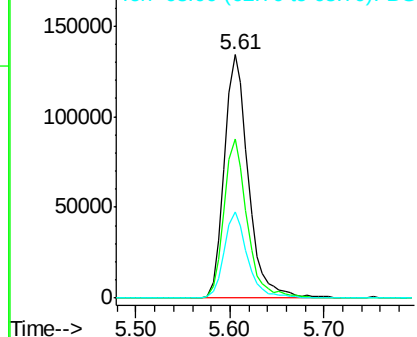
#5

2-Fluorophenol
Concen: 123.506 ng
RT: 5.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035861.D
Acq: 25 Jul 2018 00:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.3	84.5
63	35.6	30.1	45.1



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





#7

Phenol-d6

Concen: 116.839 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035861.D

Acq: 25 Jul 2018 00:30

Instrument :

BNA_G

ClientSampleId :

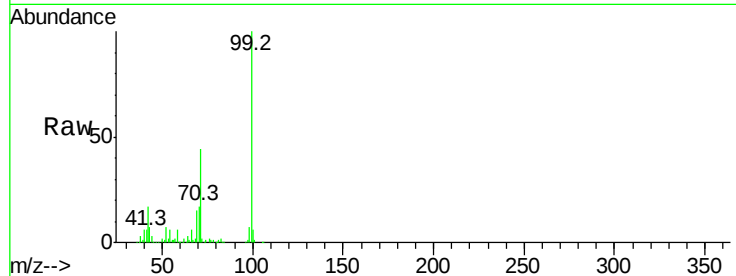
Tot Ion: 99 Resp: 337047

Ion Ratio Lower Upper

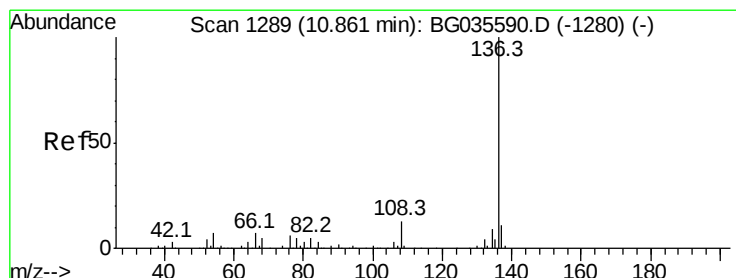
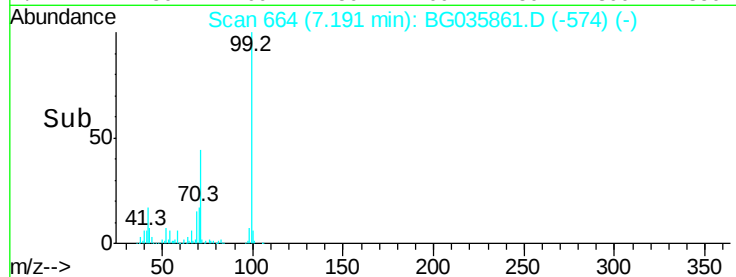
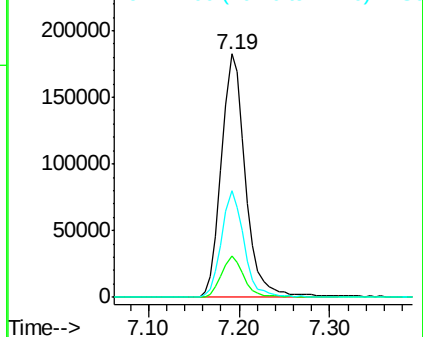
99 100

42 16.9 14.1 21.1

71 43.7 26.1 39.1#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG035861.D

Acq: 25 Jul 2018 00:30

Tgt Ion: 136 Resp: 115741

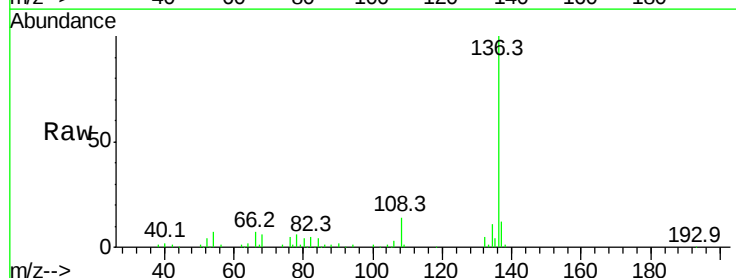
Ion Ratio Lower Upper

136 100

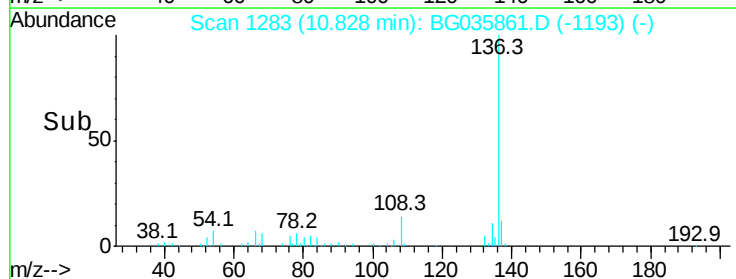
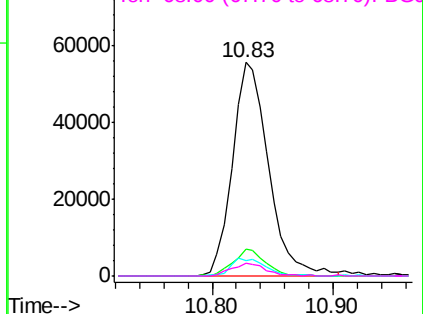
137 12.4 9.2 13.8

54 7.5 10.3 15.5#

68 6.1 4.5 6.7



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

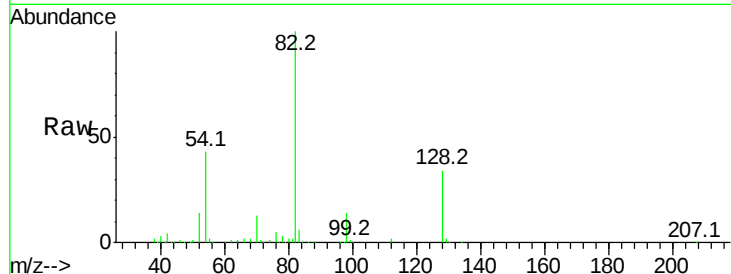




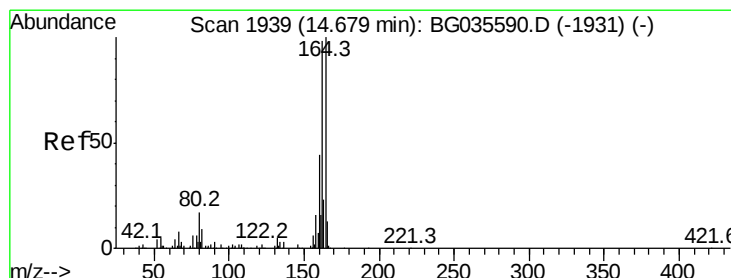
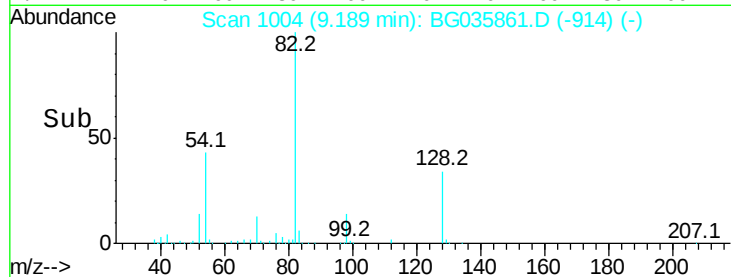
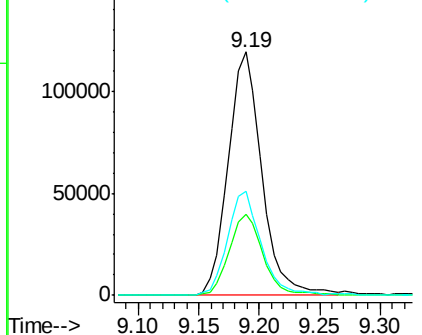
#23
 Nitrobenzene-d5
 Concen: 83.565 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035861.D
 Acq: 25 Jul 2018 00:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 231524
 Ion Ratio Lower Upper
 82 100
 128 33.5 29.7 44.5
 54 42.7 43.1 64.7#

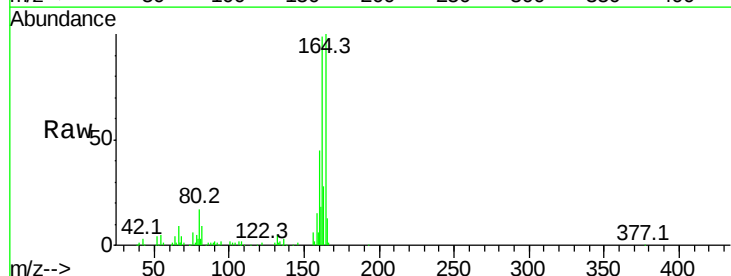


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

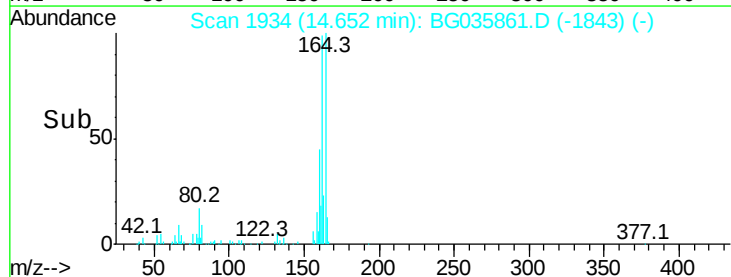
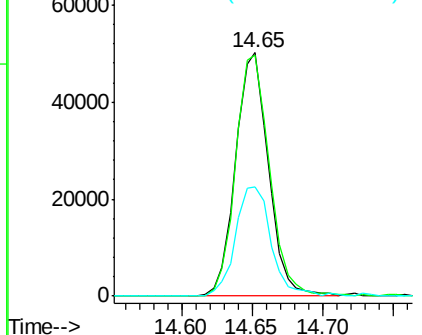


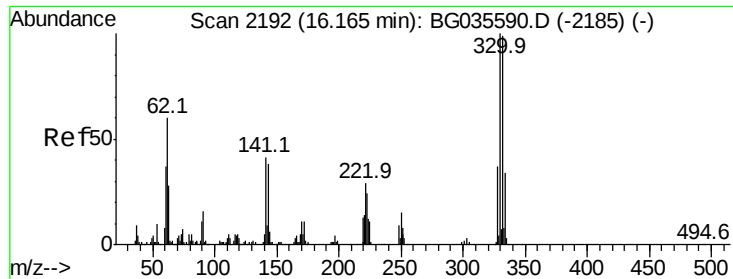
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BG035861.D
 Acq: 25 Jul 2018 00:30

Tgt Ion:164 Resp: 81455
 Ion Ratio Lower Upper
 164 100
 162 98.8 78.8 118.2
 160 44.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

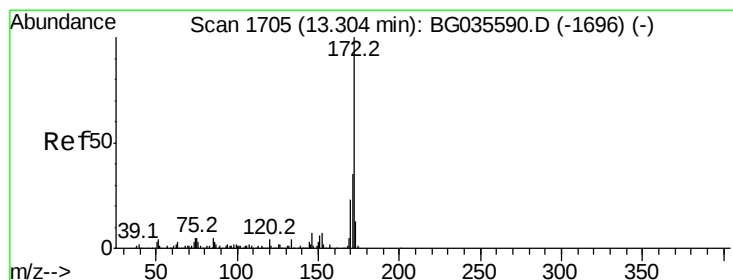
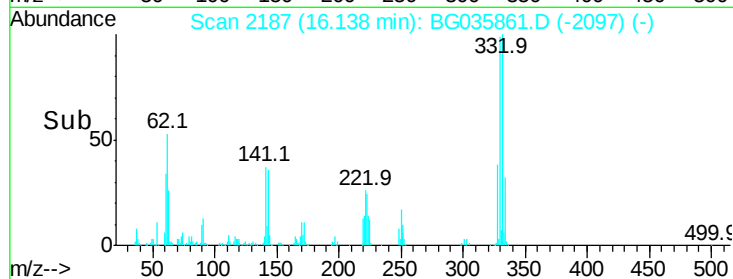
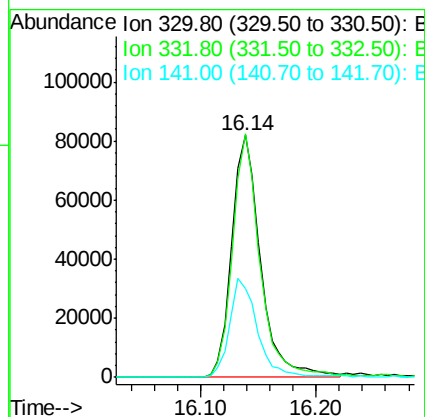
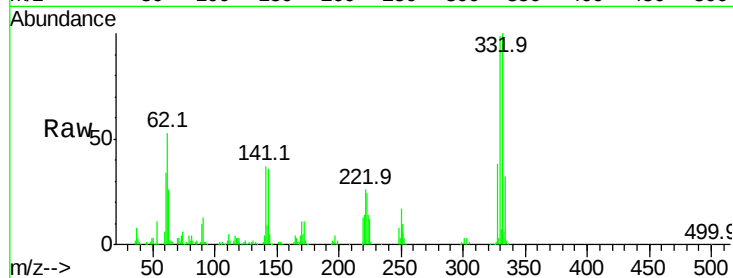




#41
 2,4,6-Tribromophenol
 Concen: 132.502 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG035861.D
 Acq: 25 Jul 2018 00:30

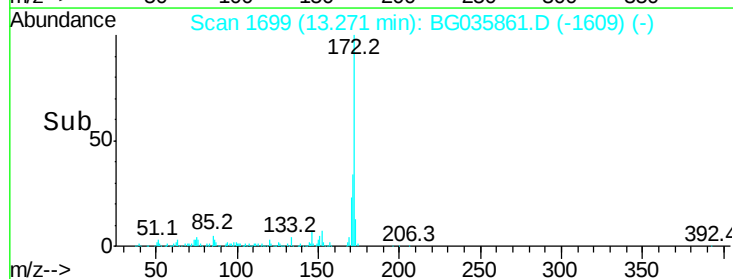
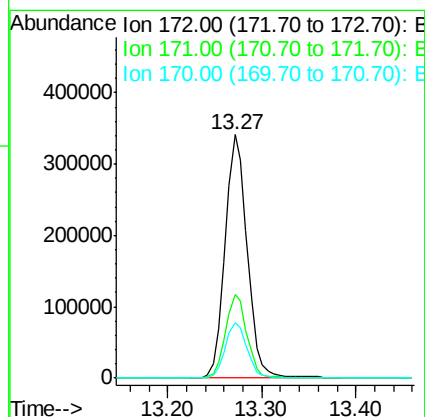
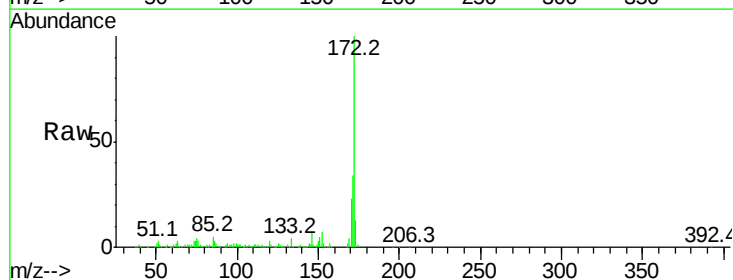
Instrument :
 BNA_G
 ClientSampleId :

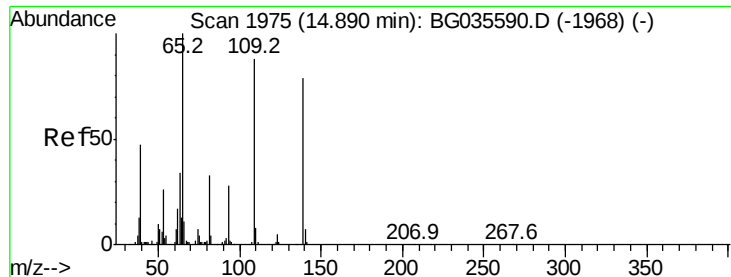
Tot Ion:330 Resp: 142258
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 40.1 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 92.316 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035861.D
 Acq: 25 Jul 2018 00:30

Tgt Ion:172 Resp: 561275
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.0 45.0
 170 22.8 19.5 29.3

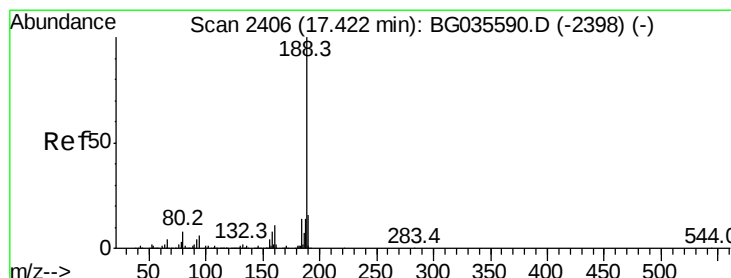
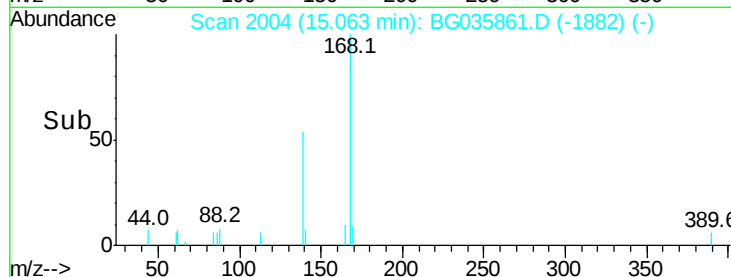
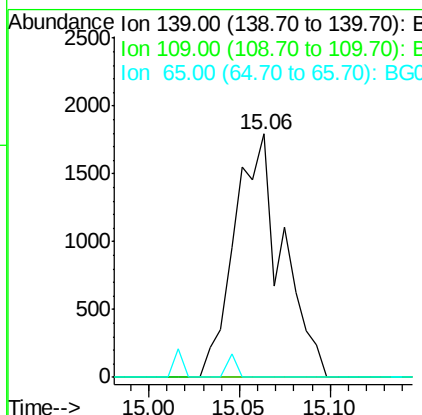
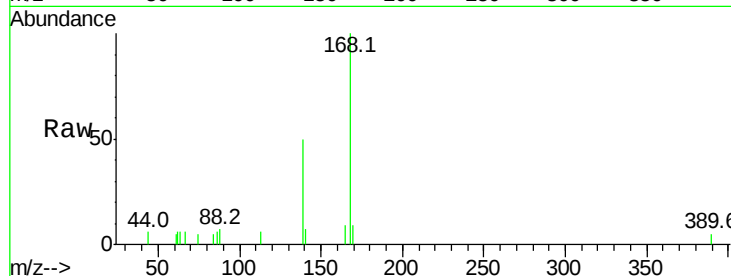




#55
4-Nitrophenol
Concen: 3.103 ng
RT: 15.06 min Scan# 2004
Delta R.T. 0.19 min
Lab File: BG035861.D
Acq: 25 Jul 2018 00:30

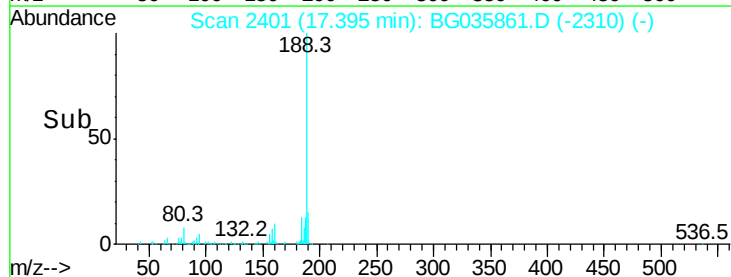
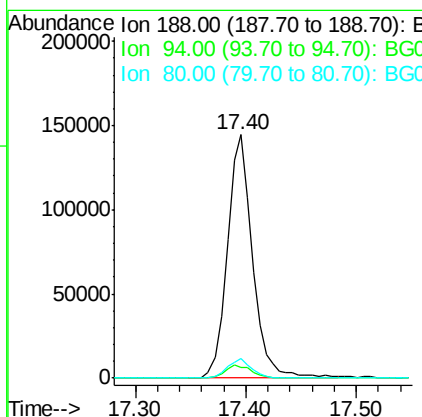
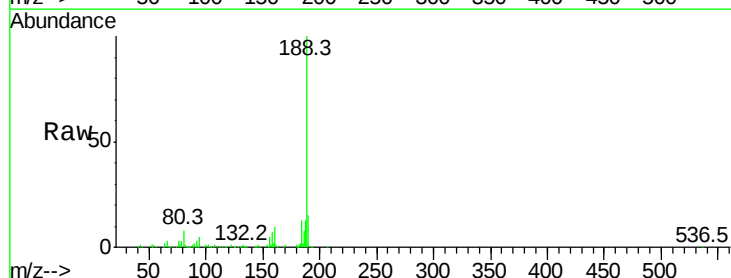
Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 3282
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG035861.D
Acq: 25 Jul 2018 00:30

Tgt Ion:188 Resp: 229874
Ion Ratio Lower Upper
188 100
94 4.6 6.9 10.3#
80 8.0 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG035861.D

Acq: 25 Jul 2018 00:30

Instrument :

BNA_G

ClientSampleId :

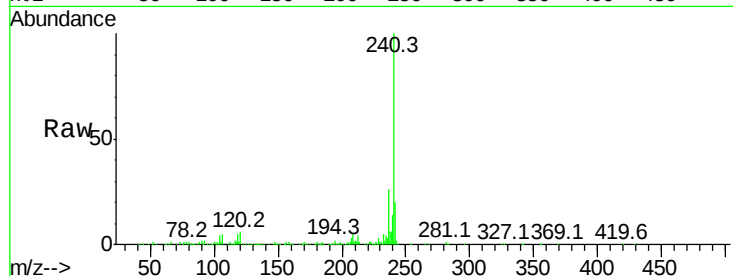
Tot Ion:240 Resp: 305260

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

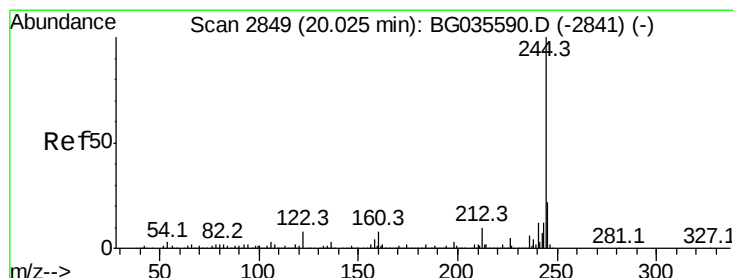
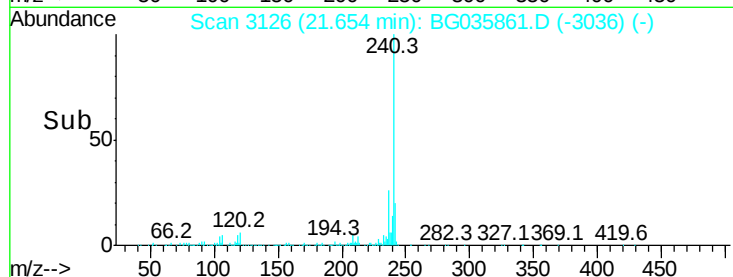
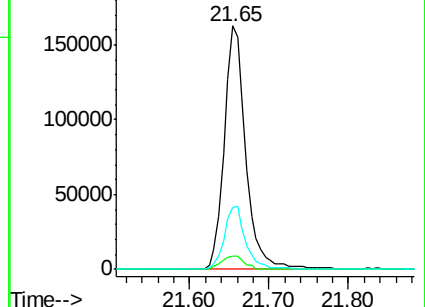
236 25.6 20.9 31.3



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: 97.491 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG035861.D

Acq: 25 Jul 2018 00:30

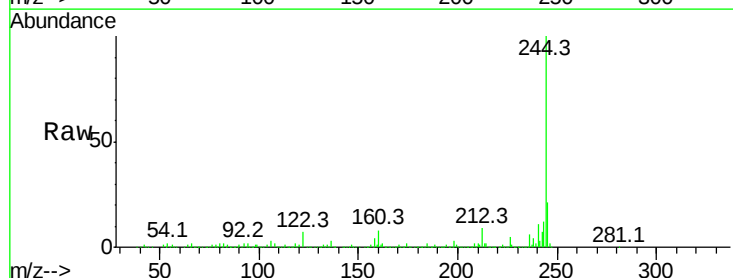
Tgt Ion:244 Resp: 1350086

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

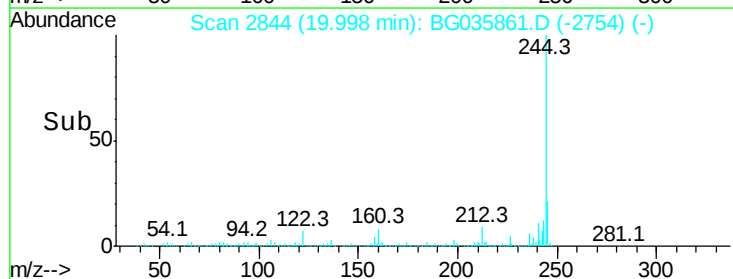
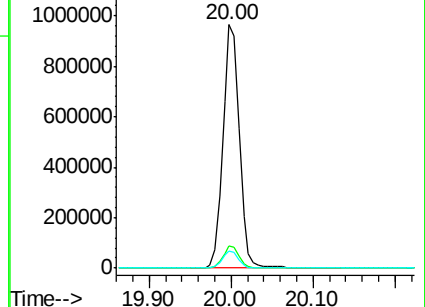
122 7.1 7.0 10.4

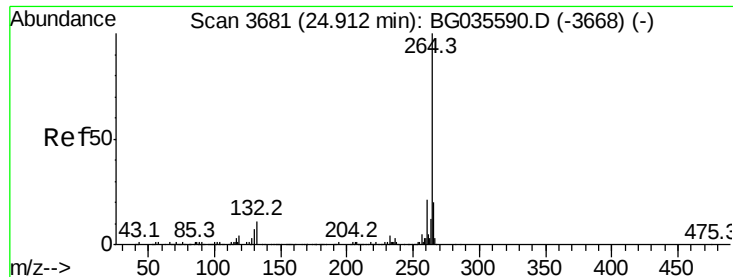


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

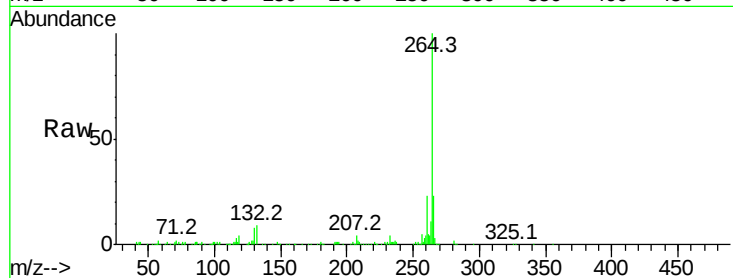




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BG035861.D
Acq: 25 Jul 2018 00:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.8	17.7	26.5



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

