

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036064.D
 Acq On : 2 Aug 2018 17:28
 Operator : JU/SJ
 Sample : J4262-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-01

Quant Time: Aug 02 18:55:08 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 31 12:30:06 2018
 Response via : Initial Calibration

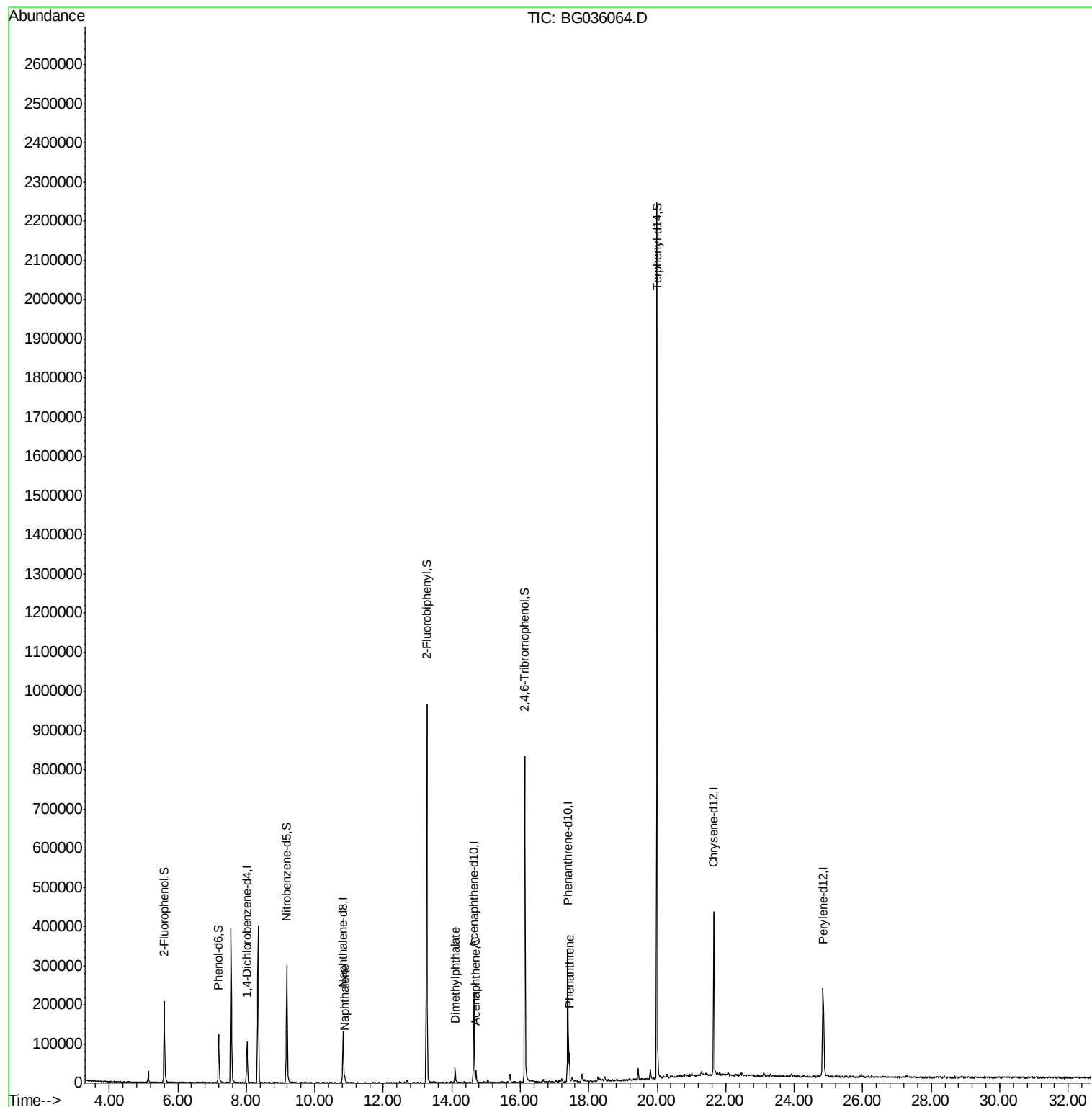
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29363	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	115031	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	83270	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	234000	20.00	ng	0.00
75) Chrysene-d12	21.65	240	262971	20.00	ng	0.00
86) Perylene-d12	24.84	264	258920	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	95867	54.20	ng	0.00
7) Phenol-d6	7.19	99	83593	31.68	ng	0.00
23) Nitrobenzene-d5	9.18	82	218024	79.18	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	161967	147.57	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	534598	86.01	ng	0.00
78) Terphenyl-d14	19.99	244	1076883	90.27	ng	0.00
Target Compounds						
31) Naphthalene	10.88	128	14108	2.354	ng	# 93
49) Dimethylphthalate	14.10	163	30637	4.199	ng	# 95
51) Acenaphthene	14.71	154	11702	2.233	ng	# 83
70) Phenanthrene	17.43	178	47473	4.066	ng	97

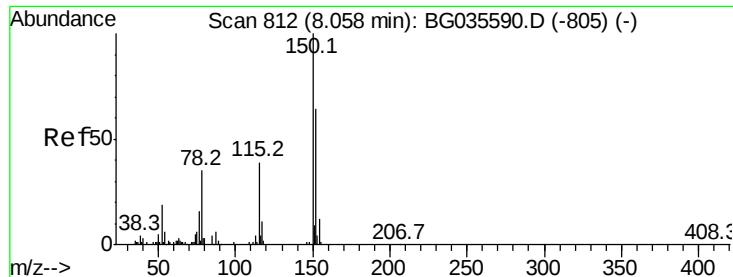
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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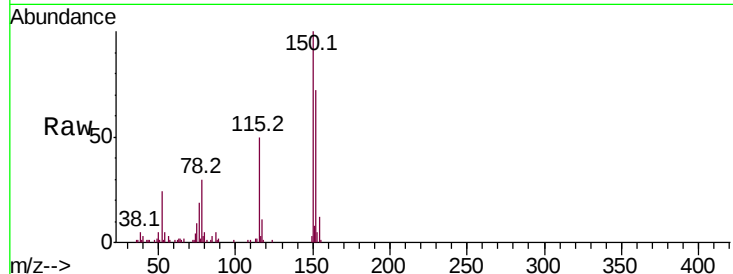


#1

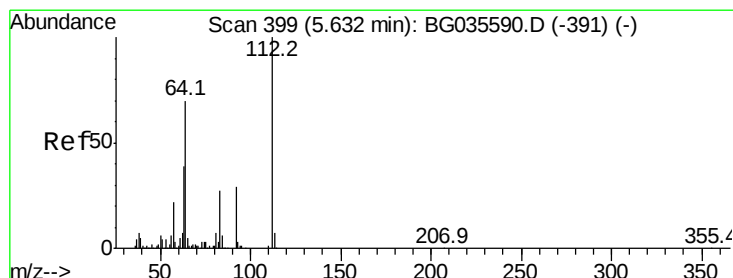
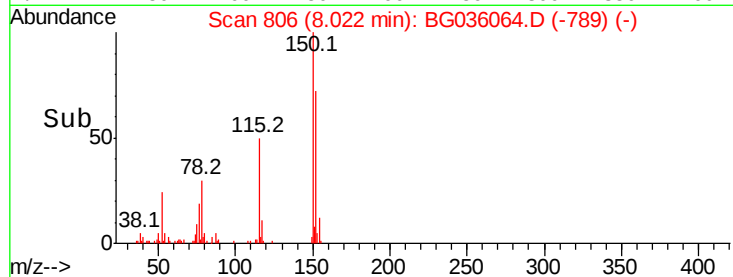
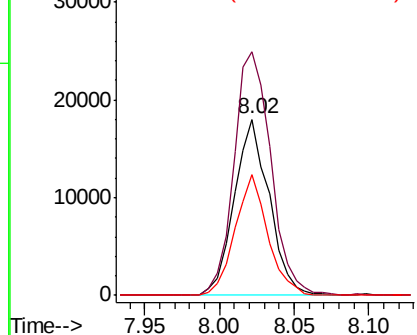
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036064.D
Acq: 2 Aug 2018 17:28

Instrument :
BNA_G
ClientSampleId :
GW-01

Tot Ion:152 Resp: 29363
Ion Ratio Lower Upper
152 100
150 138.3 126.6 189.8
115 68.5 53.0 79.4



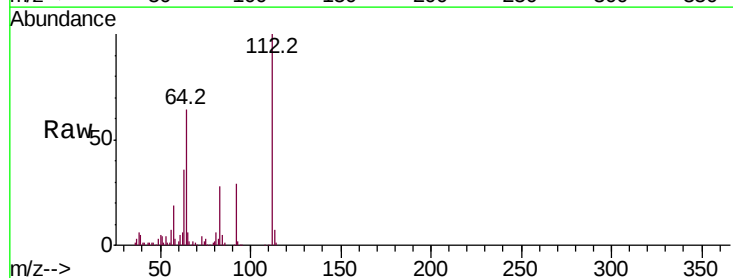
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



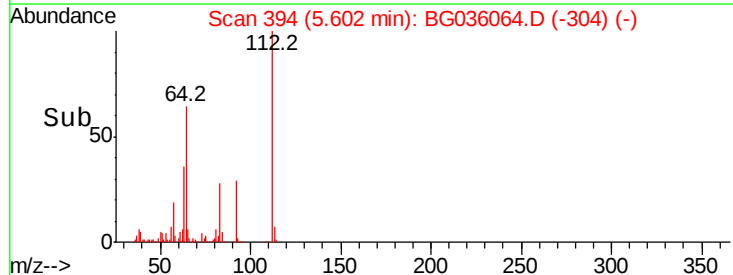
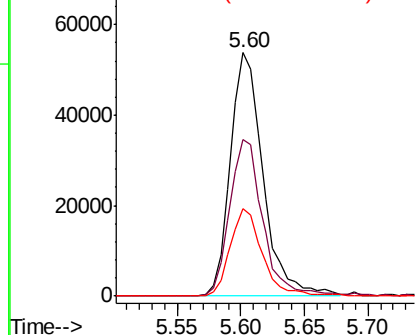
#5

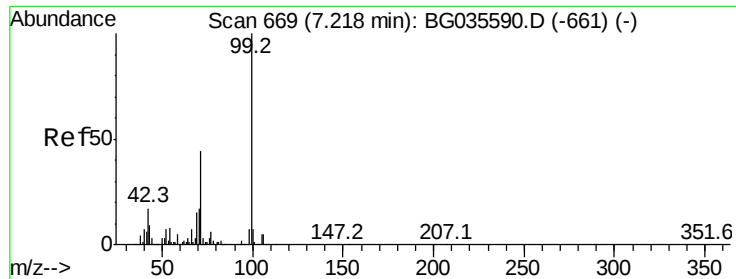
2-Fluorophenol
Concen: 54.205 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036064.D
Acq: 2 Aug 2018 17:28

Tgt Ion:112 Resp: 95867
Ion Ratio Lower Upper
112 100
64 64.1 56.3 84.5
63 36.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 31.679 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036064.D

Acq: 2 Aug 2018 17:28

Instrument :

BNA_G

ClientSampleId :

GW-01

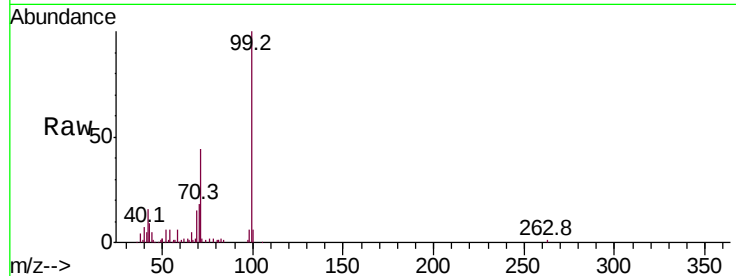
Tot Ion: 99 Resp: 83593

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

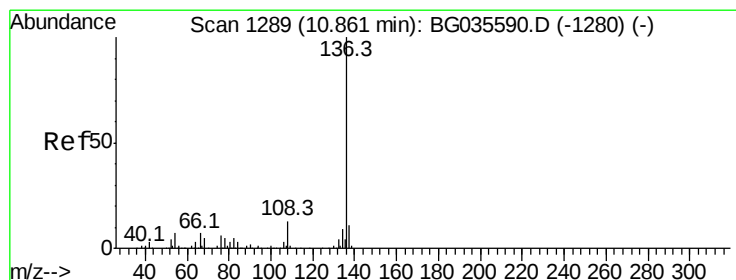
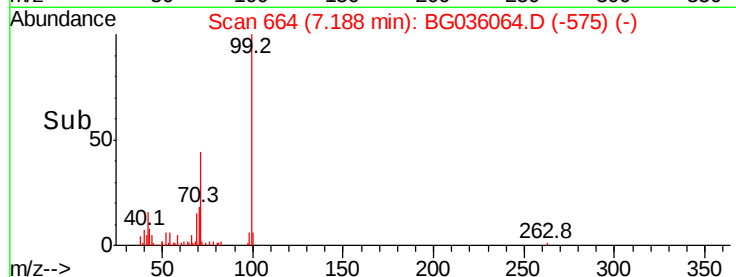
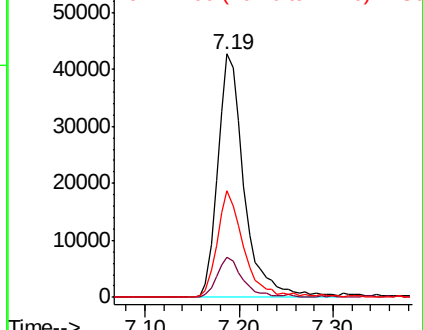
71 43.6 26.1 39.1#



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: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036064.D

Acq: 2 Aug 2018 17:28

Tgt Ion: 136 Resp: 115031

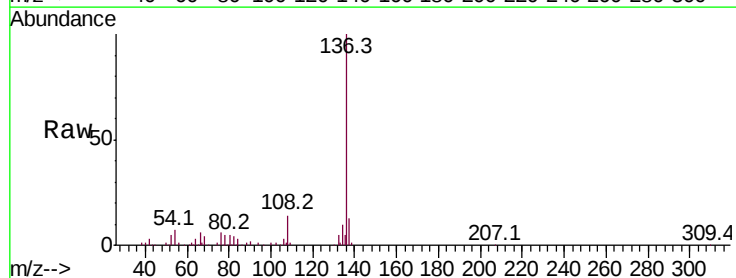
Ion Ratio Lower Upper

136 100

137 12.8 9.2 13.8

54 6.8 10.3 15.5#

68 4.4 4.5 6.7#

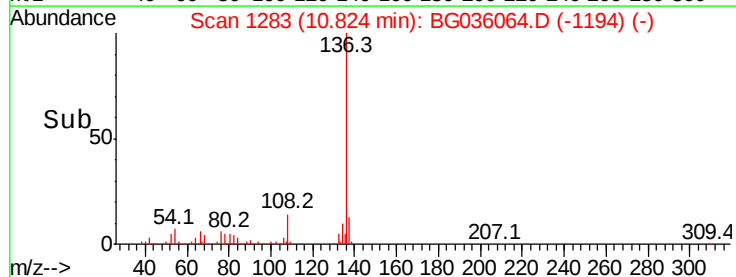
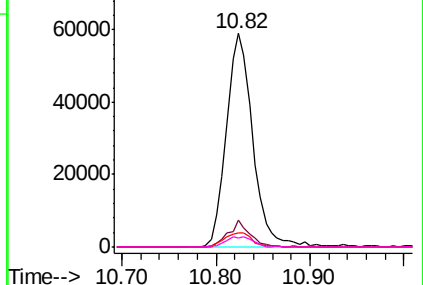


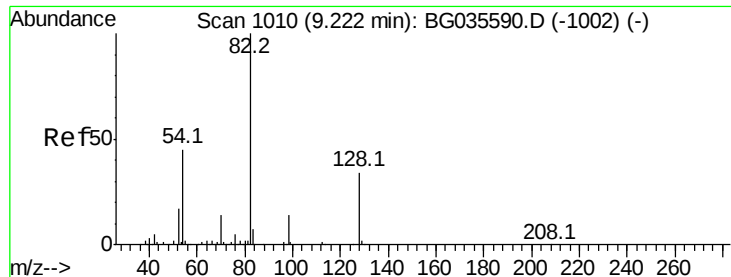
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 79.178 ng

RT: 9.18 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG036064.D

Acq: 2 Aug 2018 17:28

Instrument :

BNA_G

ClientSampleId :

GW-01

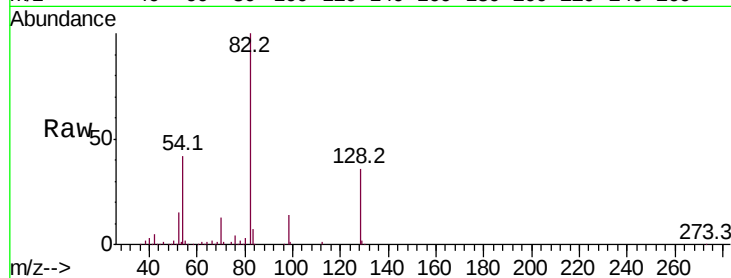
Tot Ion: 82 Resp: 218024

Ion Ratio Lower Upper

82 100

128 35.9 29.7 44.5

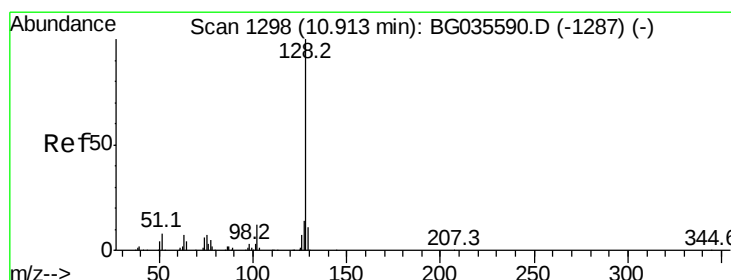
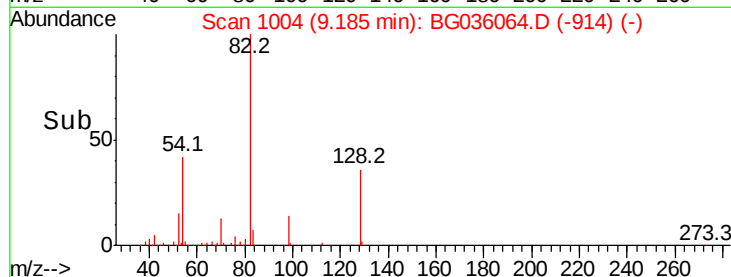
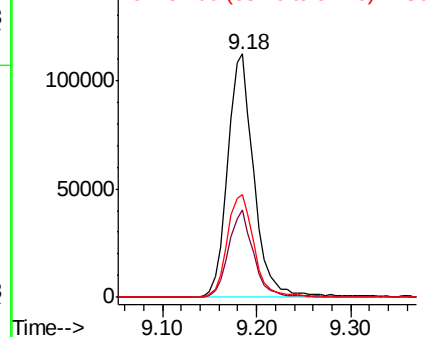
54 42.2 43.1 64.7#



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



#31

Naphthalene

Concen: 2.354 ng

RT: 10.88 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG036064.D

Acq: 2 Aug 2018 17:28

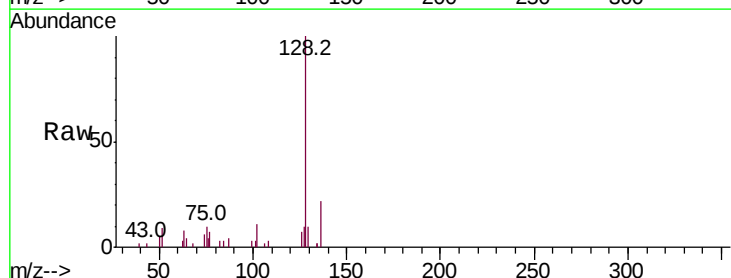
Tgt Ion: 128 Resp: 14108

Ion Ratio Lower Upper

128 100

129 10.1 8.6 12.8

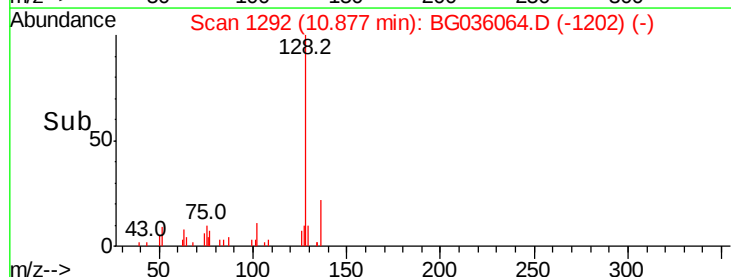
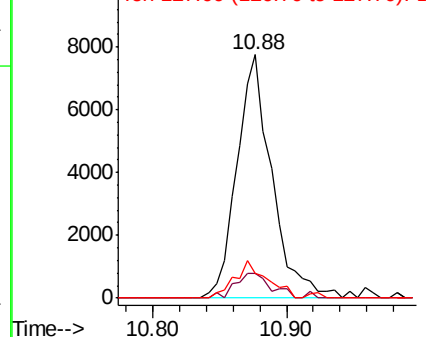
127 10.1 11.6 17.4#

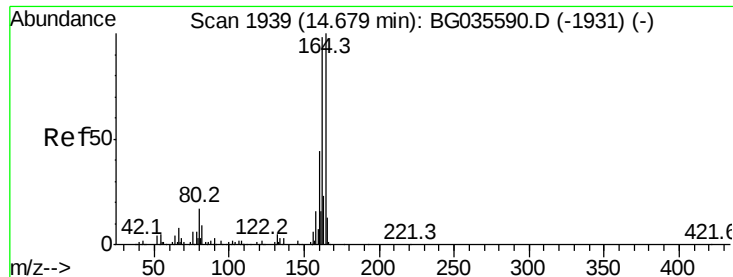


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036064.D

Acq: 2 Aug 2018 17:28

Instrument :

BNA_G

ClientSampleId :

GW-01

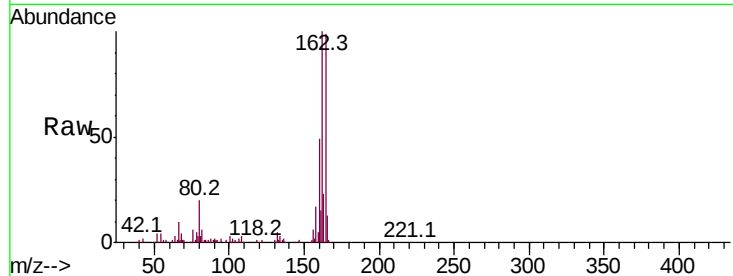
Tot Ion:164 Resp: 83270

Ion Ratio Lower Upper

164 100

162 100.6 78.8 118.2

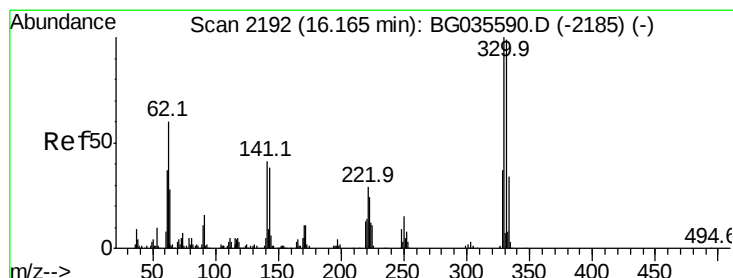
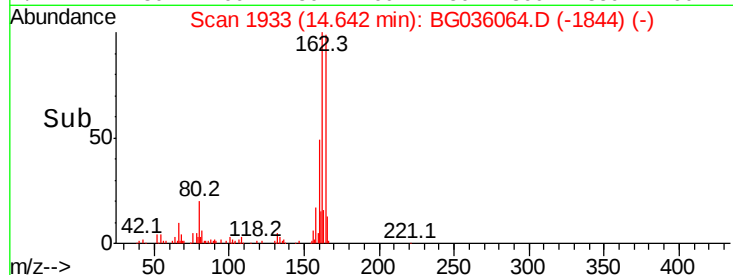
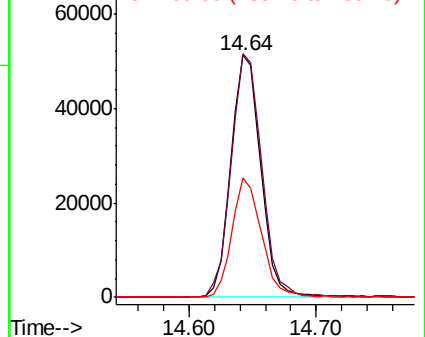
160 49.3 35.4 53.0



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: 147.571 ng

RT: 16.13 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036064.D

Acq: 2 Aug 2018 17:28

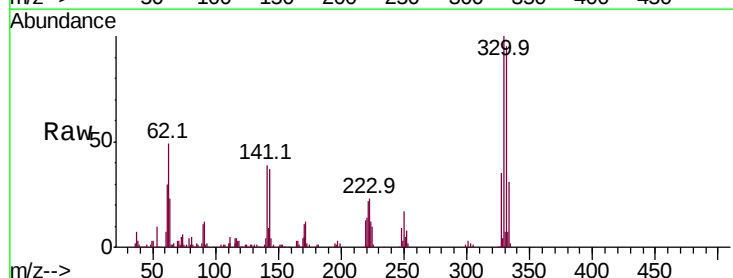
Tgt Ion:330 Resp: 161967

Ion Ratio Lower Upper

330 100

332 94.1 77.0 115.6

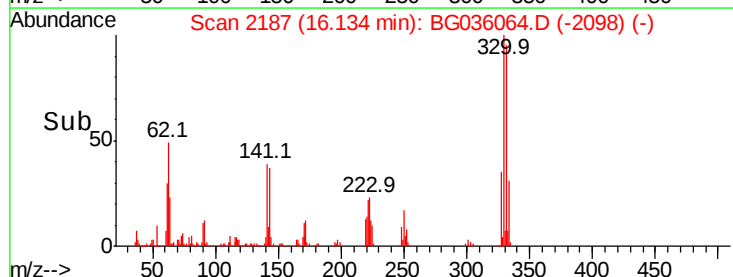
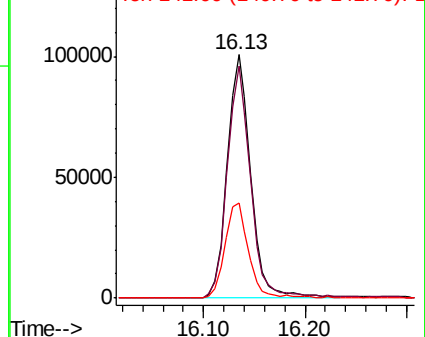
141 39.9 25.2 37.8#

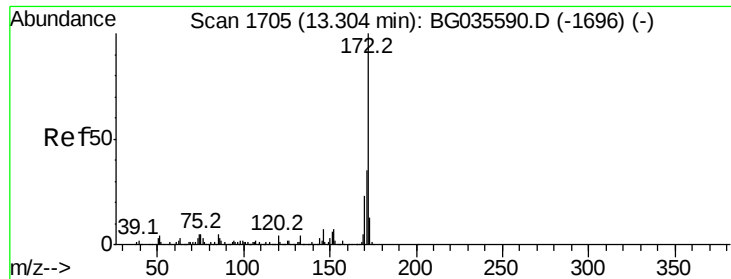


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

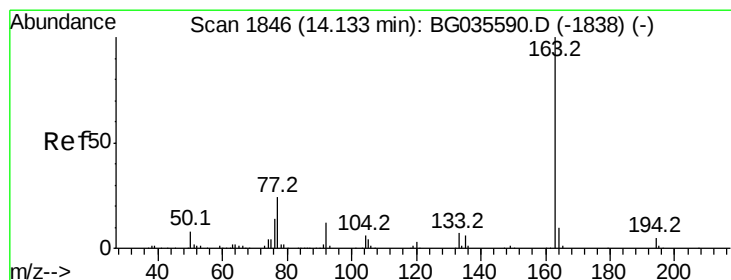
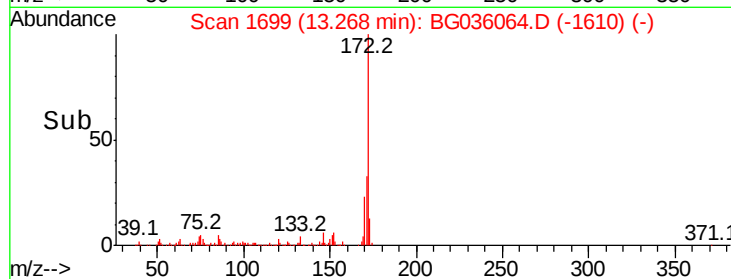
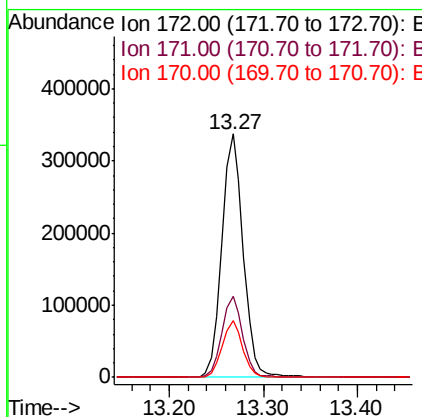
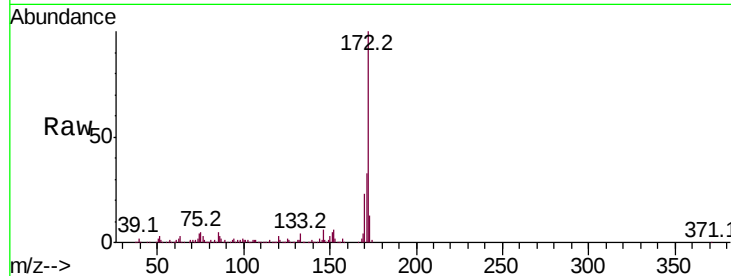




#44
2-Fluorobiphenyl
Concen: 86.012 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036064.D
Acq: 2 Aug 2018 17:28

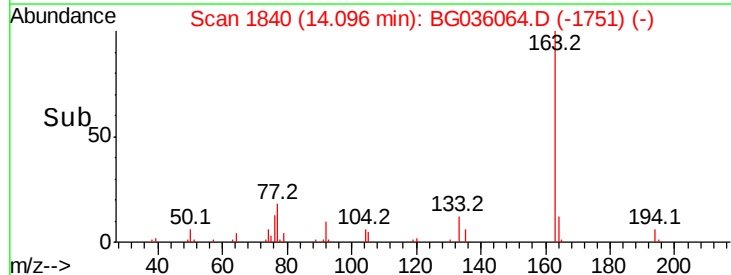
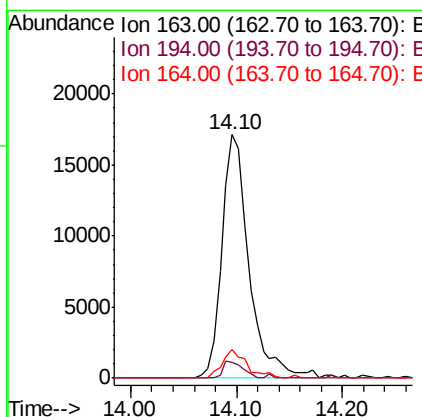
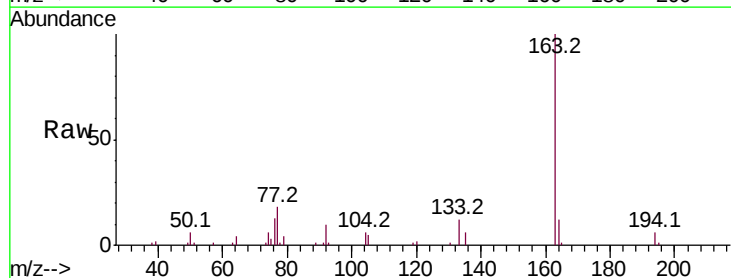
Instrument :
BNA_G
ClientSampleId :
GW-01

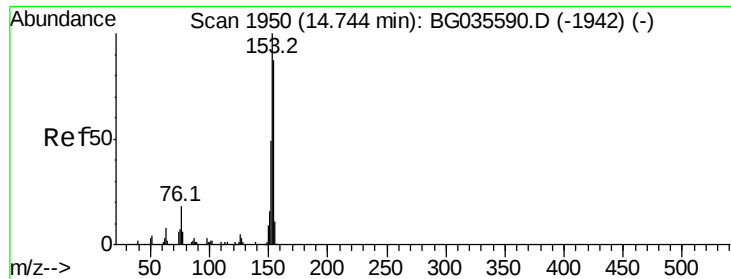
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.3	30.0	45.0
170	23.4	19.5	29.3



#49
Dimethylphthalate
Concen: 4.199 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG036064.D
Acq: 2 Aug 2018 17:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.5	3.4	5.2#
164	11.8	8.2	12.4





#51

Acenaphthene

Concen: 2.233 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG036064.D

Acq: 2 Aug 2018 17:28

Instrument :

BNA_G

ClientSampleId :

GW-01

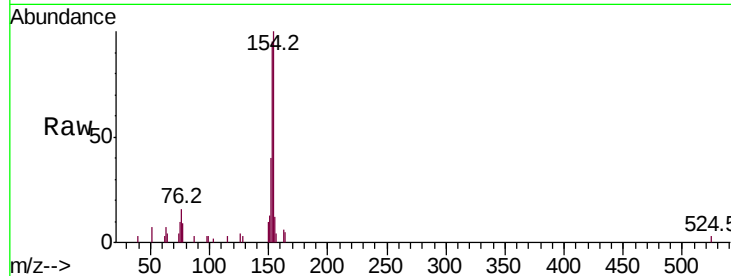
Tot Ion:154 Resp: 11702

Ion Ratio Lower Upper

154 100

153 95.1 90.4 135.6

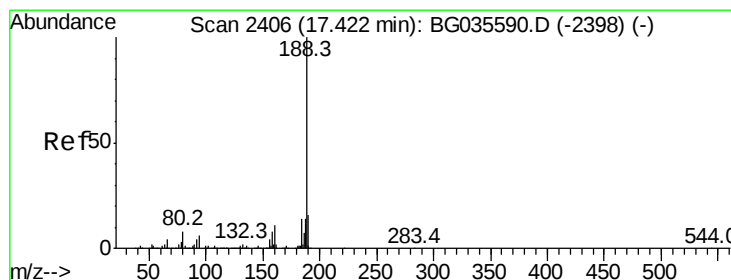
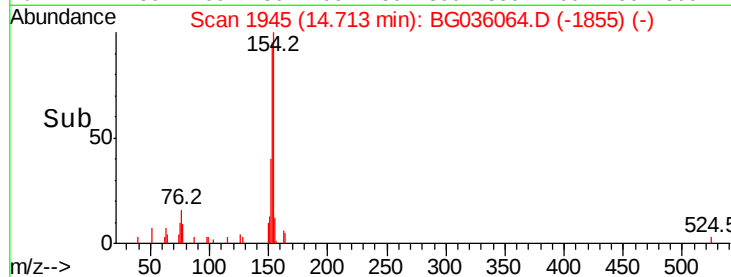
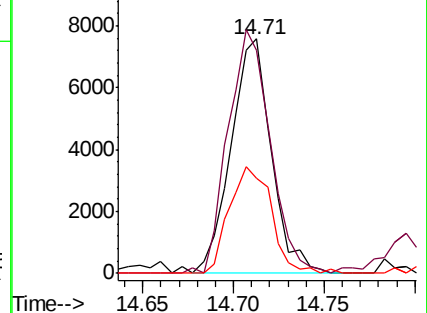
152 40.4 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036064.D

Acq: 2 Aug 2018 17:28

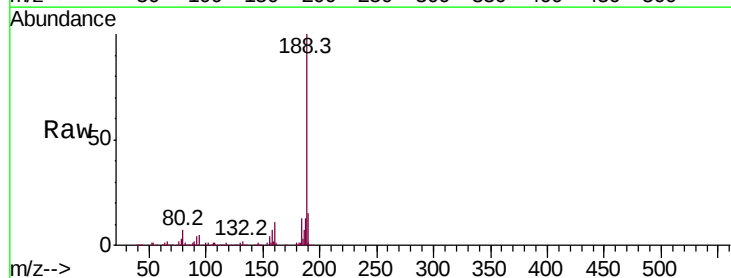
Tgt Ion:188 Resp: 234000

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

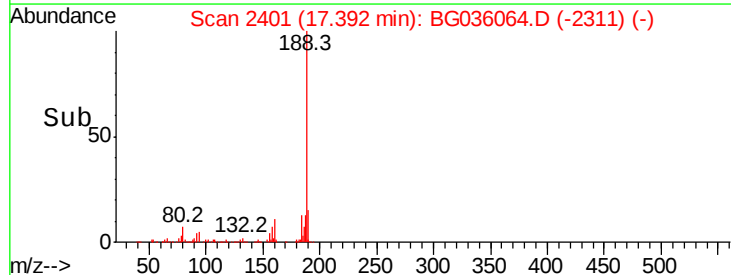
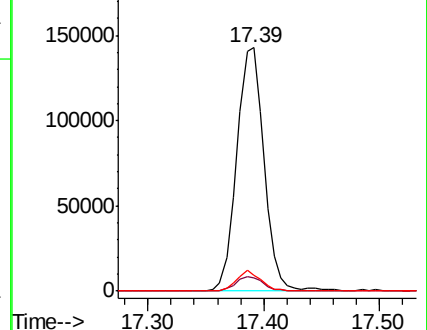
80 6.5 7.7 11.5#

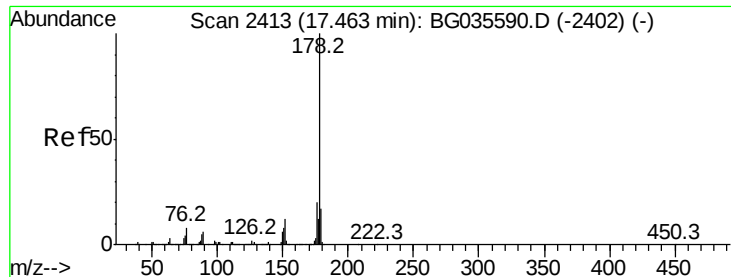


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 4.066 ng

RT: 17.43 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG036064.D

Acq: 2 Aug 2018 17:28

Instrument :

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ClientSampleId :

GW-01

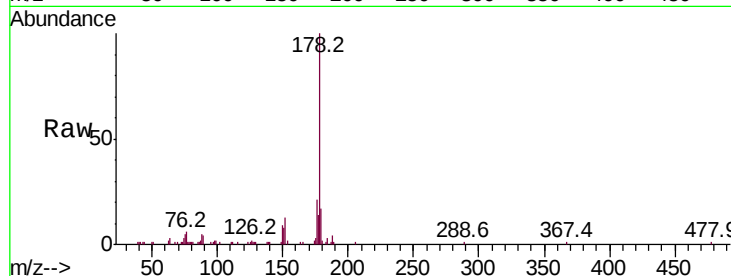
Tot Ion:178 Resp: 47473

Ion Ratio Lower Upper

178 100

176 21.0 15.7 23.5

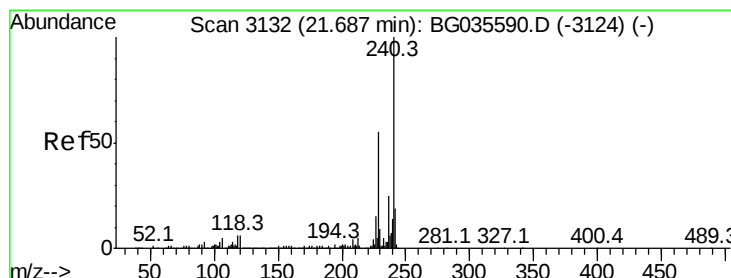
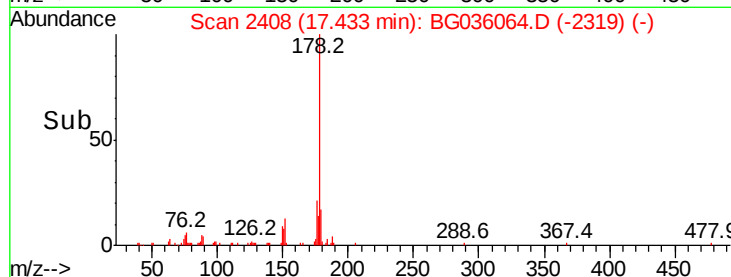
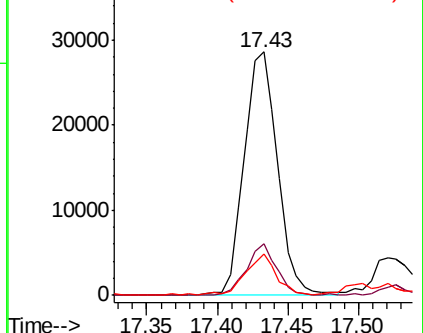
179 17.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036064.D

Acq: 2 Aug 2018 17:28

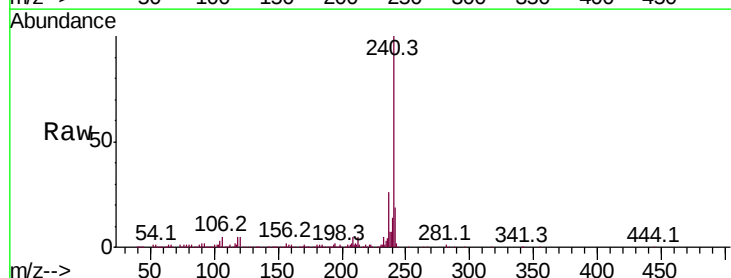
Tgt Ion:240 Resp: 262971

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

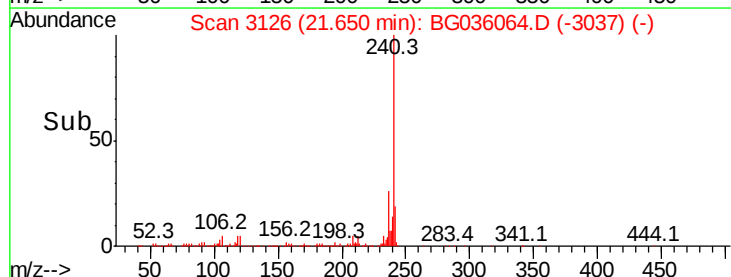
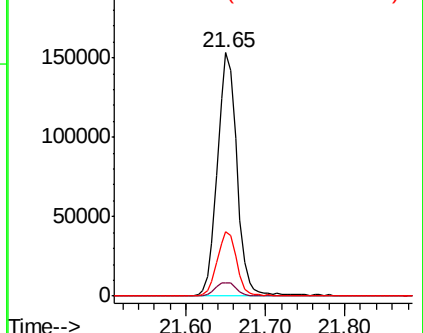
236 26.2 20.9 31.3

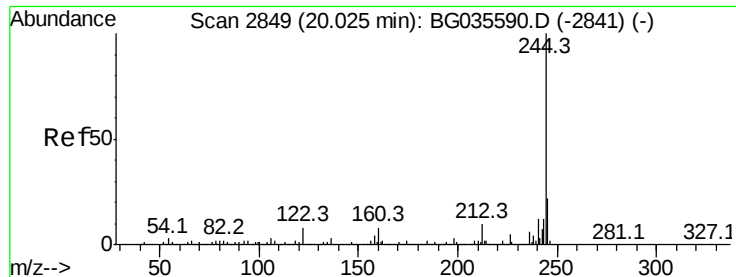


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.268 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036064.D

Acq: 2 Aug 2018 17:28

Instrument :

BNA_G

ClientSampled :

GW-01

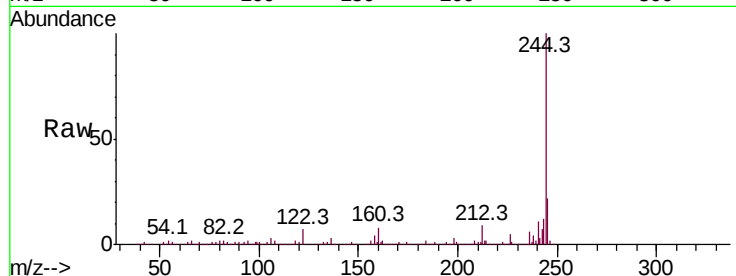
Tot Ion:244 Resp: 1076883

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

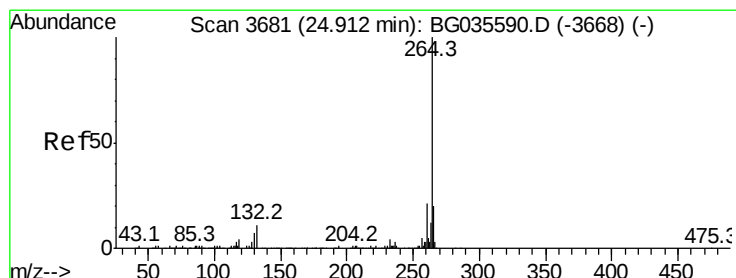
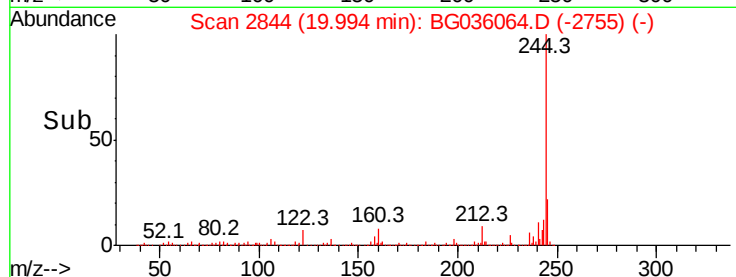
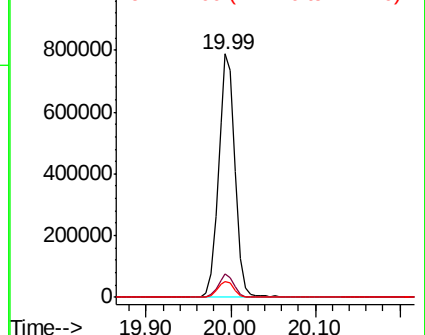
122 6.6 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3669

Delta R.T. -0.02 min

Lab File: BG036064.D

Acq: 2 Aug 2018 17:28

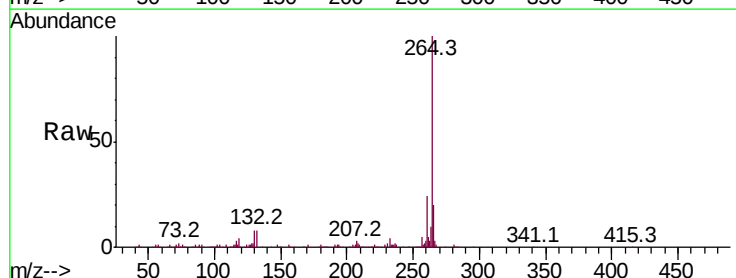
Tgt Ion:264 Resp: 258920

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 20.2 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

