

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
 Data File : BG035668.D
 Acq On : 16 Jul 2018 14:01
 Operator : JU/SJ
 Sample : J3959-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20180712

Quant Time: Jul 16 16:28:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

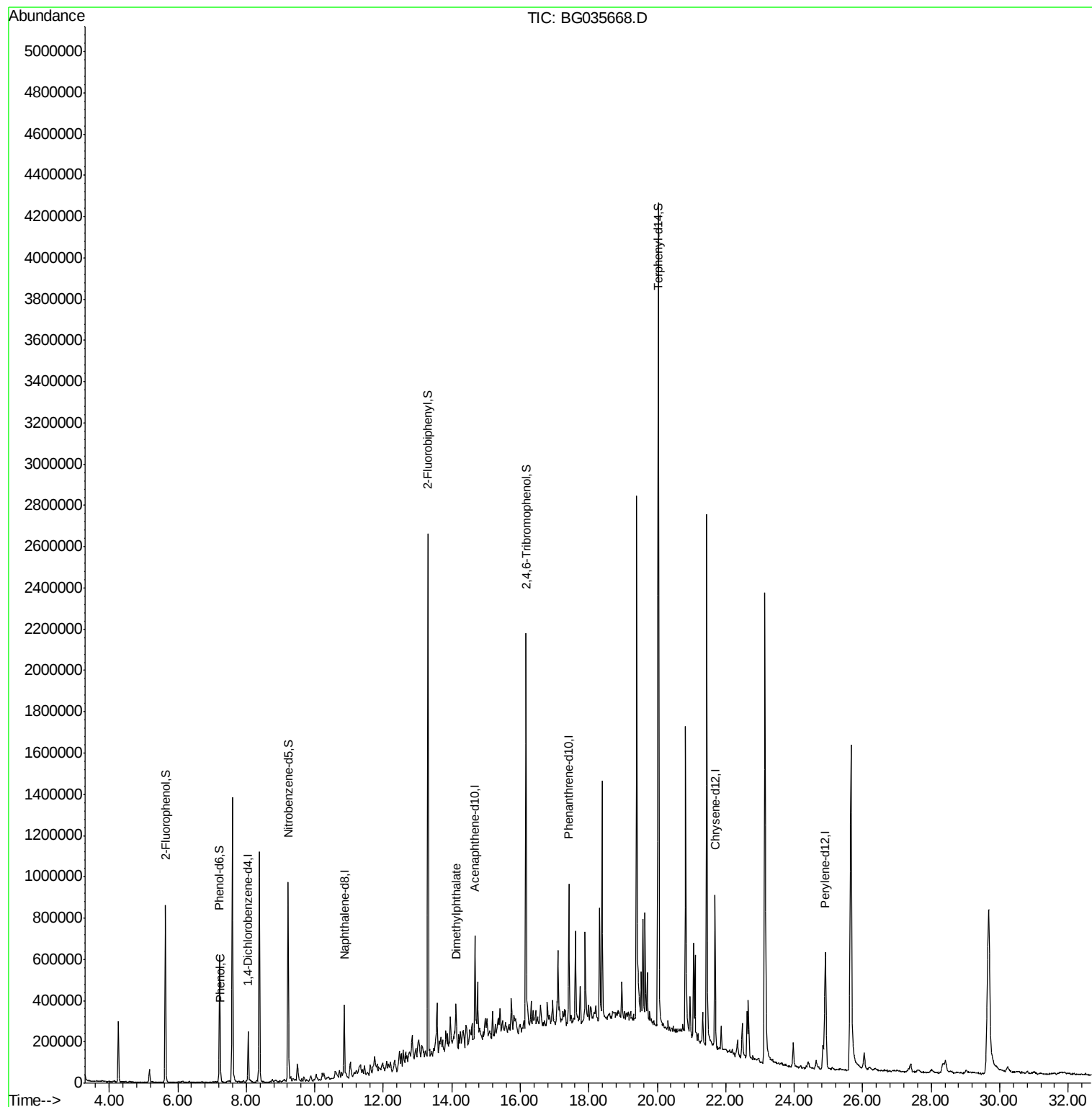
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	70898	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	261392	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	183741	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	412809	20.00	ng	0.00
75) Chrysene-d12	21.69	240	446037	20.00	ng	0.00
86) Perylene-d12	24.91	264	436774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	354163	82.94	ng	0.00
7) Phenol-d6	7.22	99	369162	57.94	ng	0.00
23) Nitrobenzene-d5	9.22	82	633363	101.22	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	357476	147.61	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1260656	91.92	ng	0.00
78) Terphenyl-d14	20.03	244	1638371	80.97	ng	0.00
Target Compounds						
10) Phenol	7.25	94	19658	3.054	ng	87
49) Dimethylphthalate	14.13	163	113084	7.025	ng	# 99

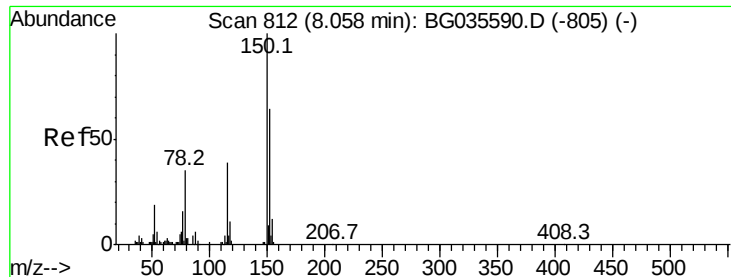
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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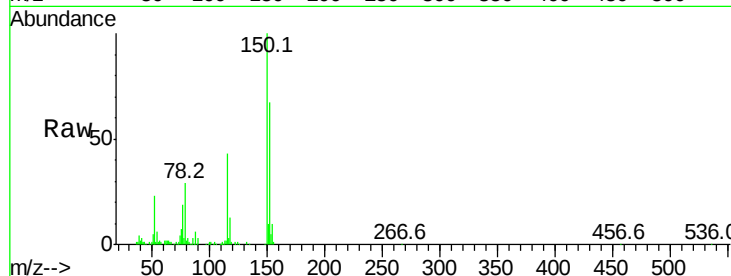


#1

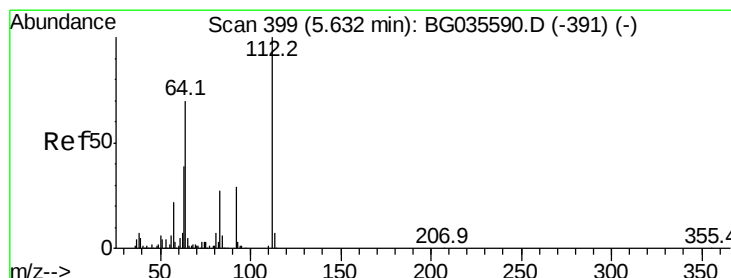
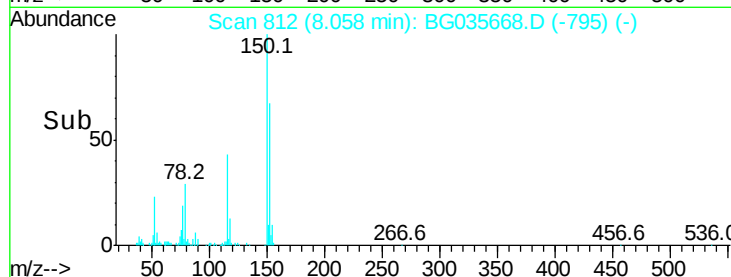
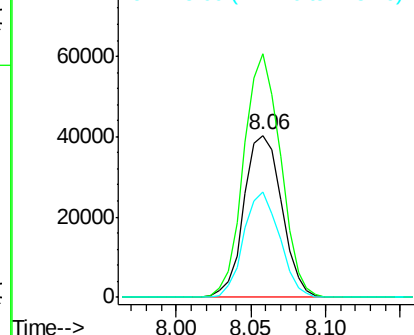
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035668.D
Acq: 16 Jul 2018 14:01

Instrument :
BNA_G
ClientSampleId :
WC-20180712

Tot Ion:152 Resp: 70898
Ion Ratio Lower Upper
152 100
150 150.1 126.6 189.8
115 64.7 53.0 79.4



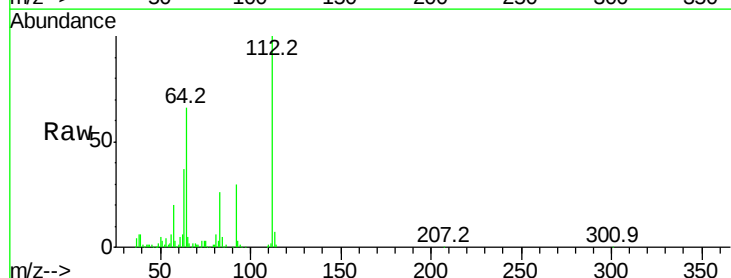
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



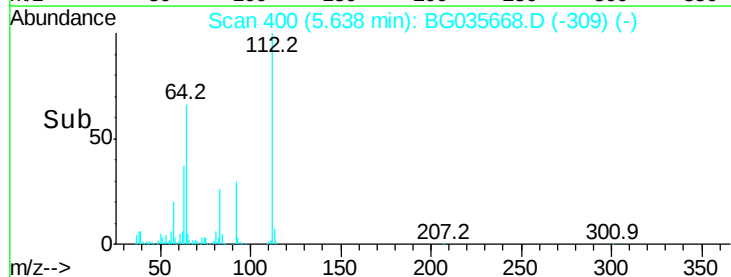
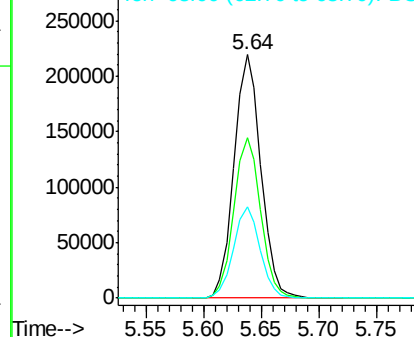
#5

2-Fluorophenol
Concen: 82.935 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035668.D
Acq: 16 Jul 2018 14:01

Tgt Ion:112 Resp: 354163
Ion Ratio Lower Upper
112 100
64 65.9 56.3 84.5
63 37.4 30.1 45.1



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: 57.941 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

Instrument :

BNA_G

ClientSampleId :

WC-20180712

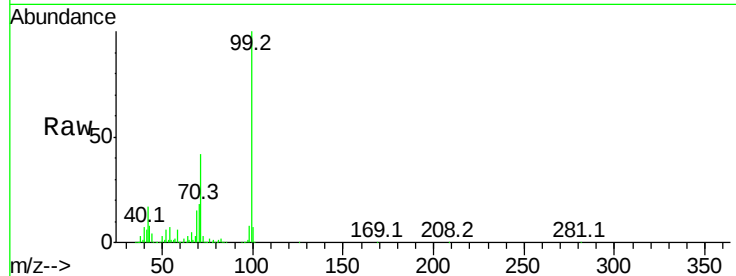
Tot Ion: 99 Resp: 369162

Ion Ratio Lower Upper

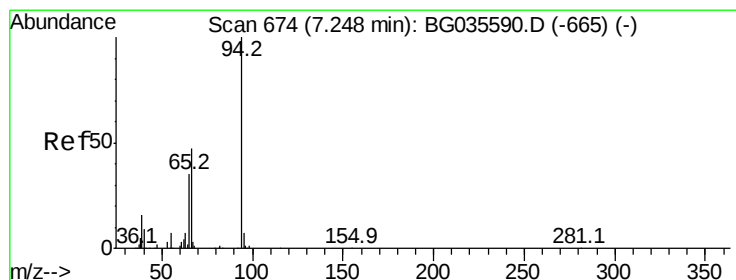
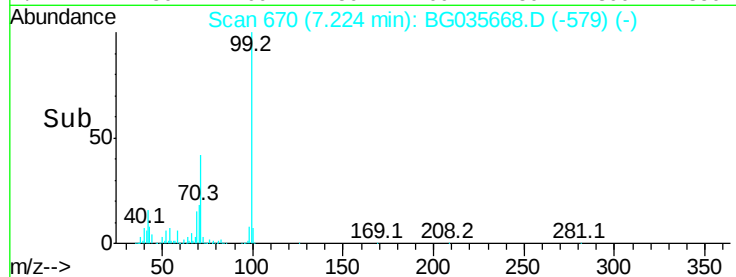
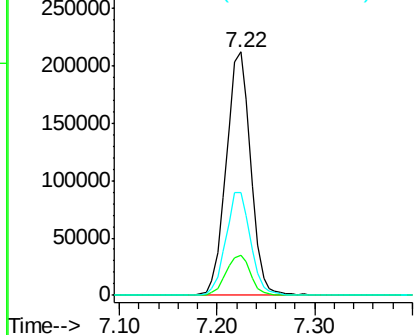
99 100

42 16.7 14.1 21.1

71 42.2 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



#10

Phenol

Concen: 3.054 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

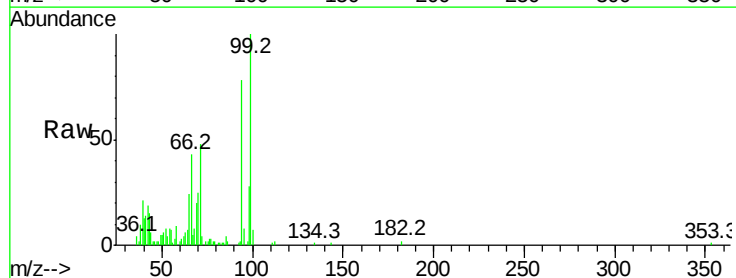
Tgt Ion: 94 Resp: 19658

Ion Ratio Lower Upper

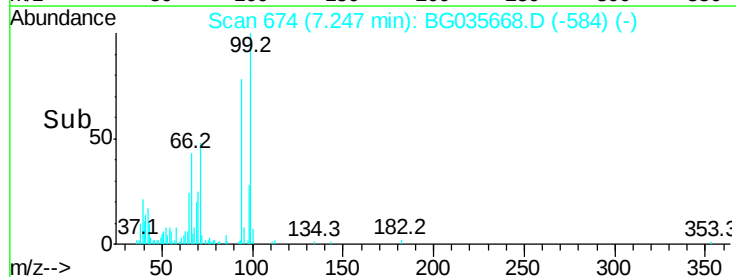
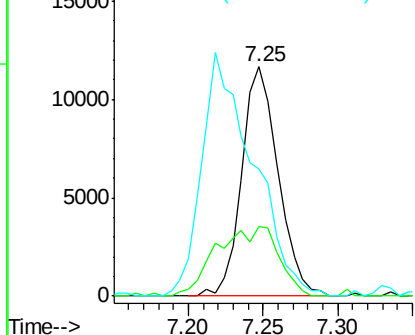
94 100

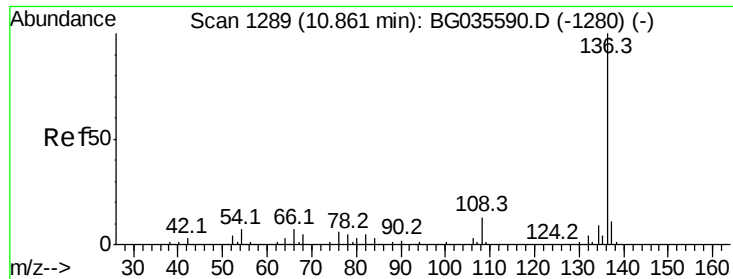
65 30.6 11.9 51.9

66 55.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

Instrument :

BNA_G

ClientSampleId :

WC-20180712

Tot Ion:136 Resp: 261392

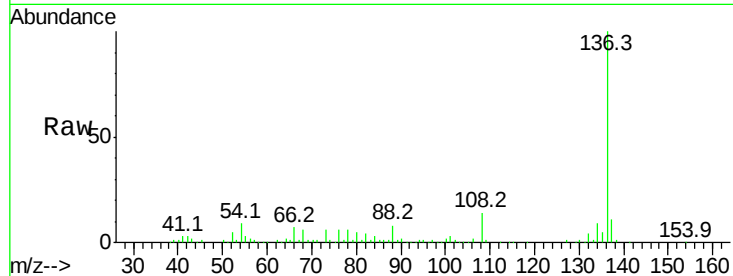
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 9.0 10.3 15.5#

68 5.8 4.5 6.7

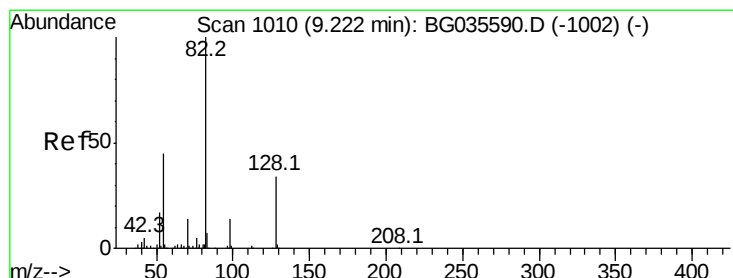
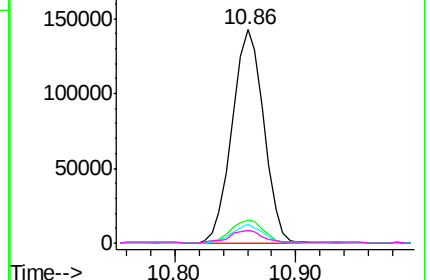
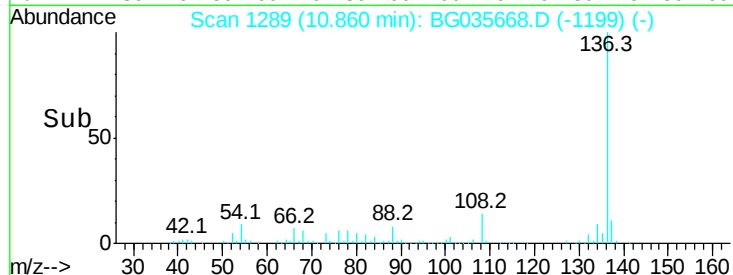


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.222 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

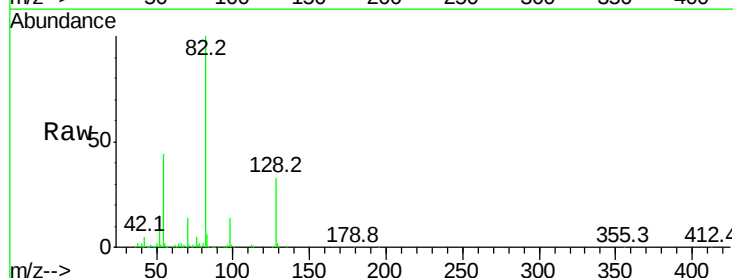
Tgt Ion: 82 Resp: 633363

Ion Ratio Lower Upper

82 100

128 33.0 29.7 44.5

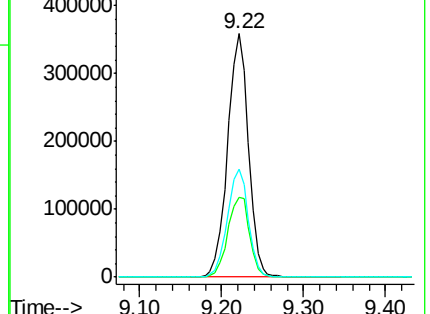
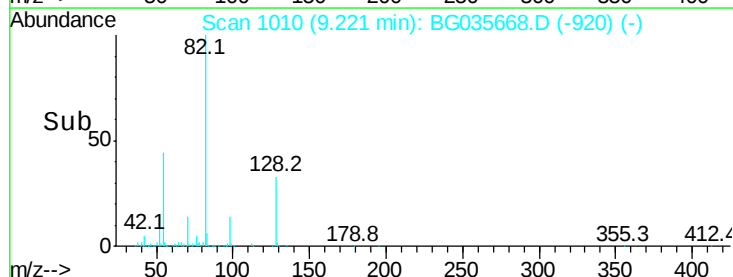
54 44.4 43.1 64.7



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: BG035668.D

Acq: 16 Jul 2018 14:01

Instrument :

BNA_G

ClientSampleId :

WC-20180712

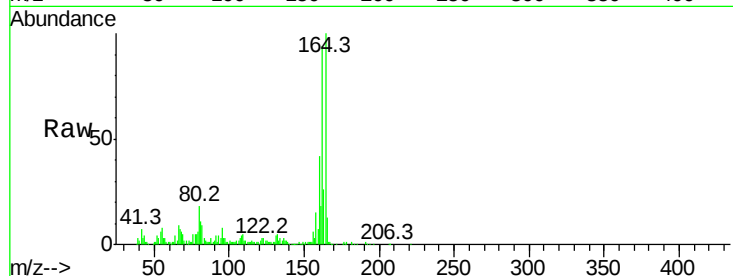
Tot Ion:164 Resp: 183741

Ion Ratio Lower Upper

164 100

162 93.6 78.8 118.2

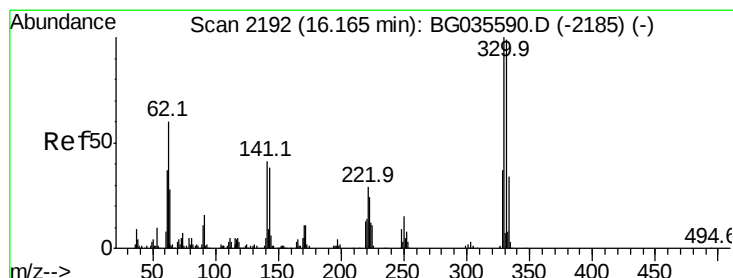
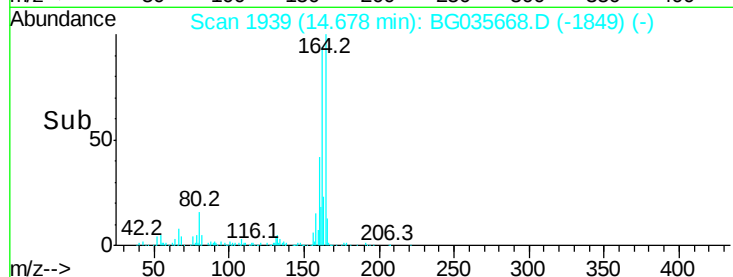
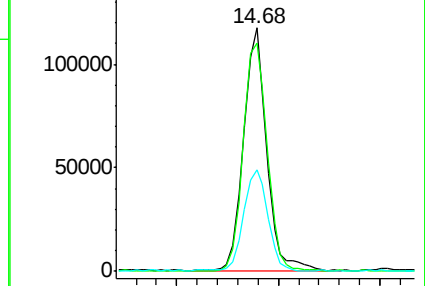
160 41.7 35.4 53.0



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: 147.606 ng

RT: 16.17 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

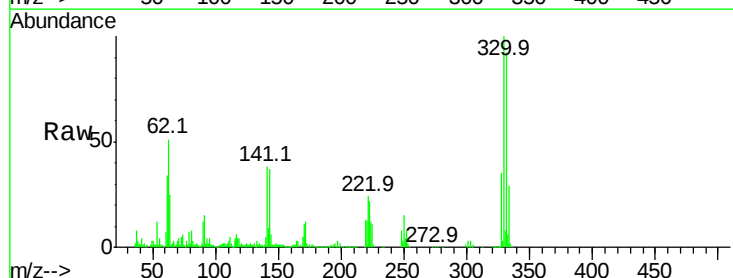
Tgt Ion:330 Resp: 357476

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

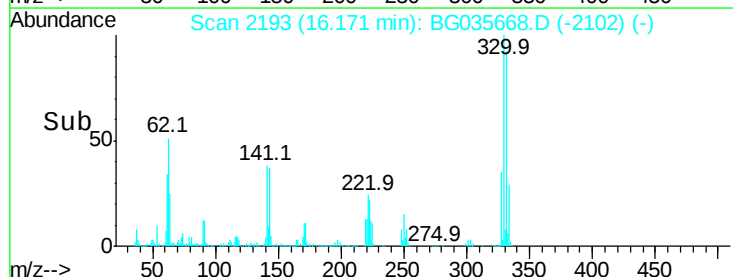
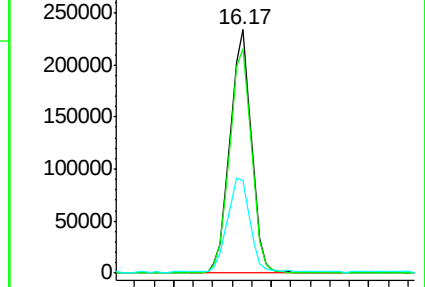
141 40.5 25.2 37.8#

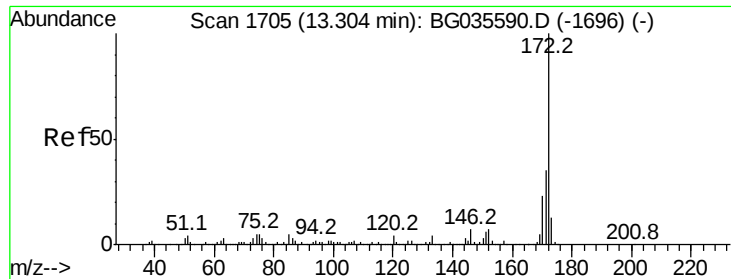


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

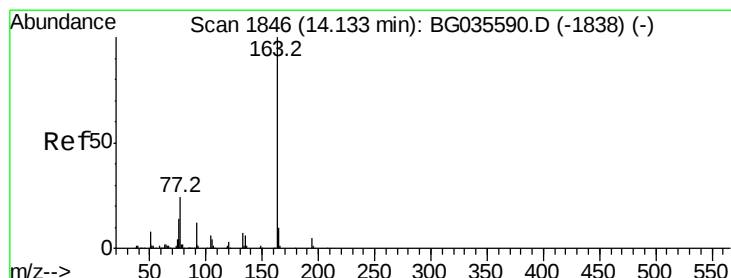
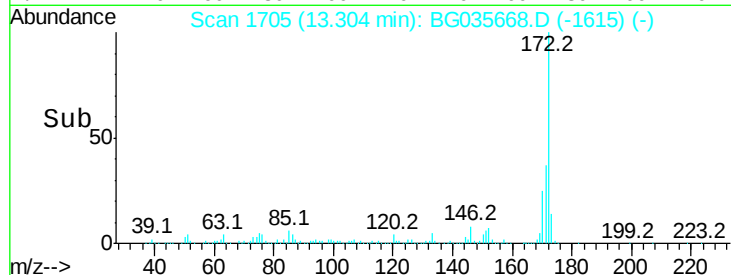
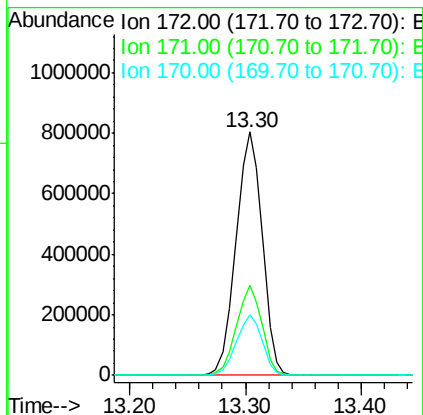
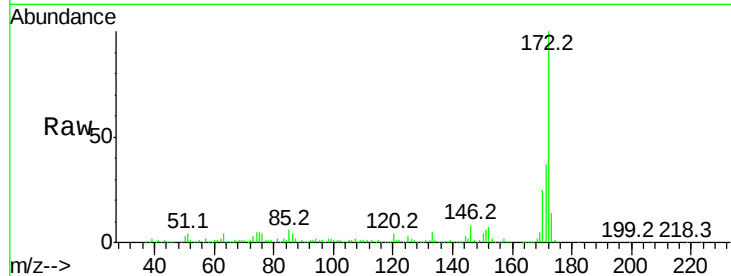




#44
2-Fluorobiphenyl
Concen: 91.920 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG035668.D
Acq: 16 Jul 2018 14:01

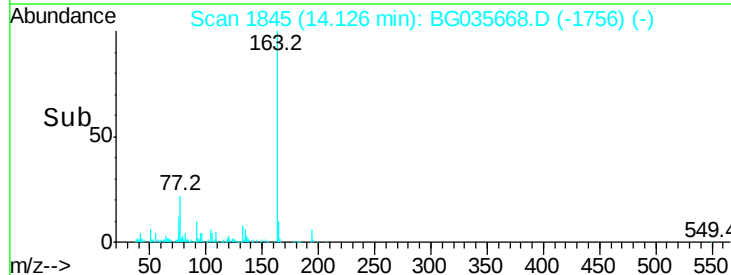
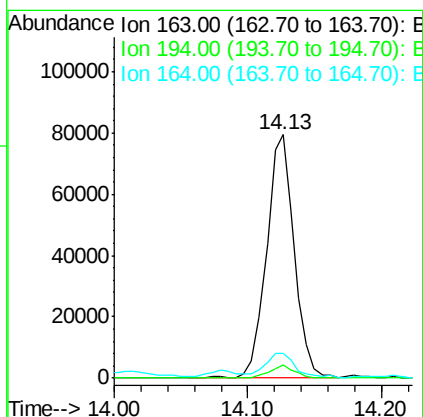
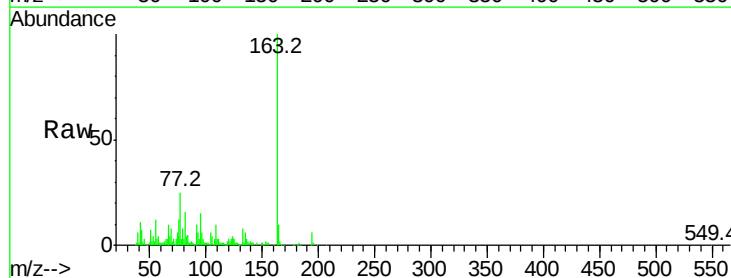
Instrument :
BNA_G
ClientSampleId :
WC-20180712

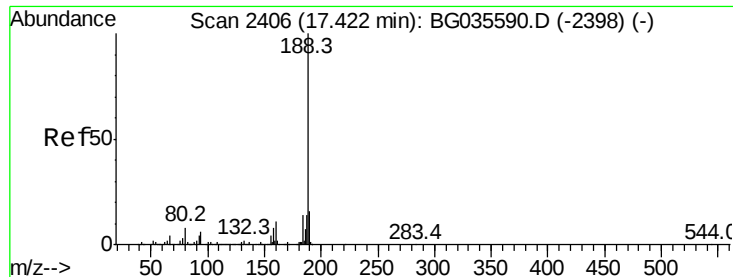
Tot Ion:172 Resp: 1260656
Ion Ratio Lower Upper
172 100
171 37.0 30.0 45.0
170 24.9 19.5 29.3



#49
Dimethylphthalate
Concen: 7.025 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG035668.D
Acq: 16 Jul 2018 14:01

Tgt Ion:163 Resp: 113084
Ion Ratio Lower Upper
163 100
194 5.6 3.4 5.2#
164 10.3 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

Instrument :

BNA_G

ClientSampleId :

WC-20180712

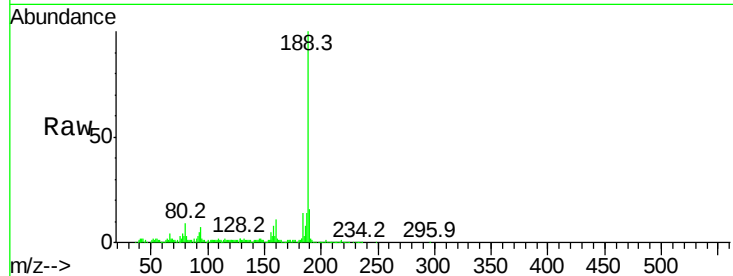
Tot Ion:188 Resp: 412809

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

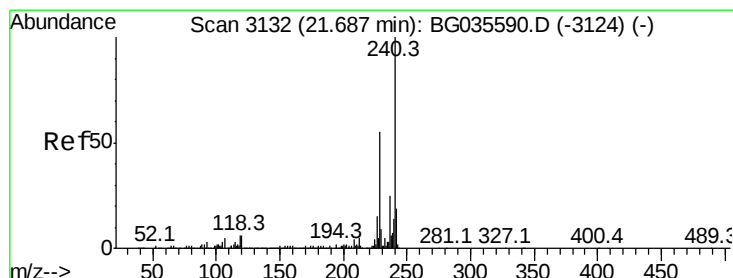
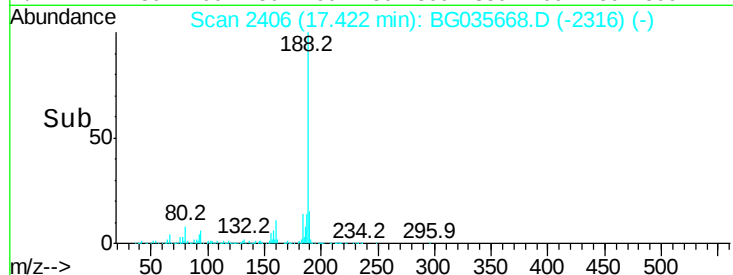
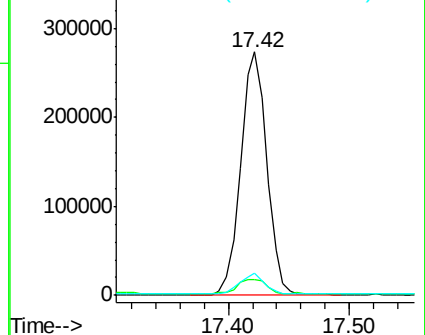
80 8.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

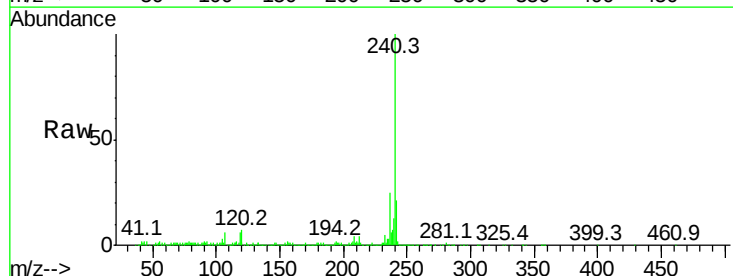
Tgt Ion:240 Resp: 446037

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

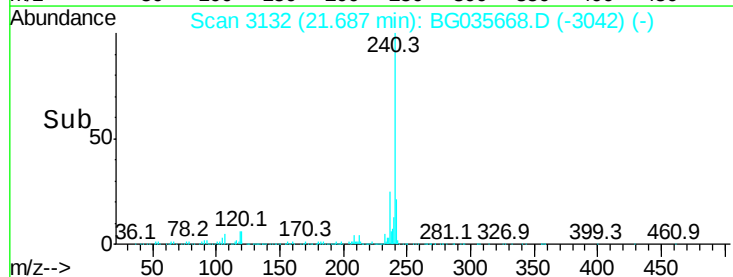
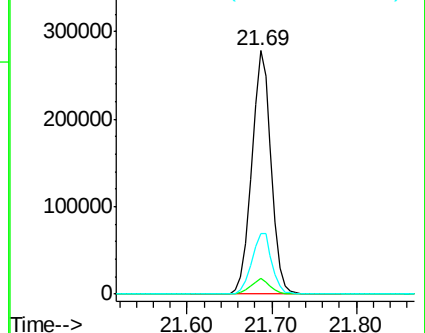
236 25.1 20.9 31.3

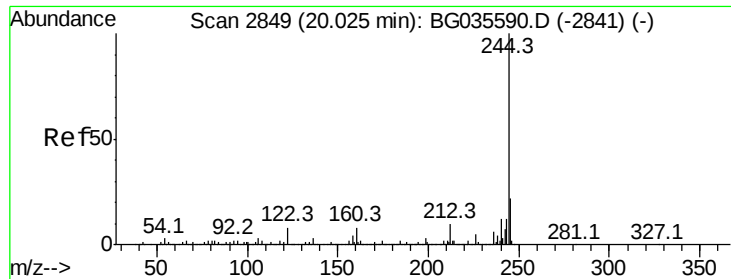


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.968 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.01 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

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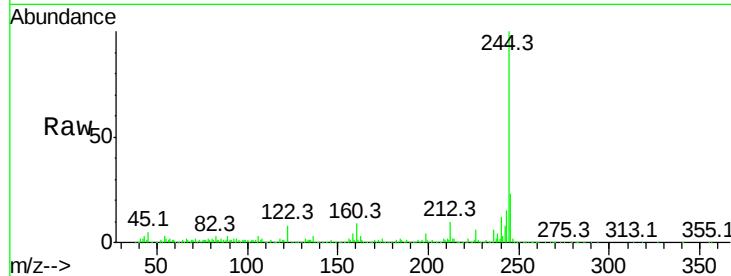
Tot Ion:244 Resp: 1638371

Ion Ratio Lower Upper

244 100

212 10.4 5.8 8.8#

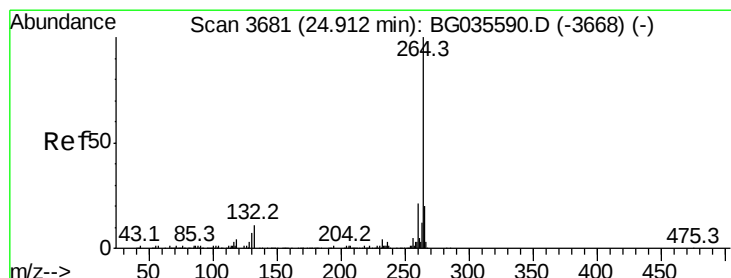
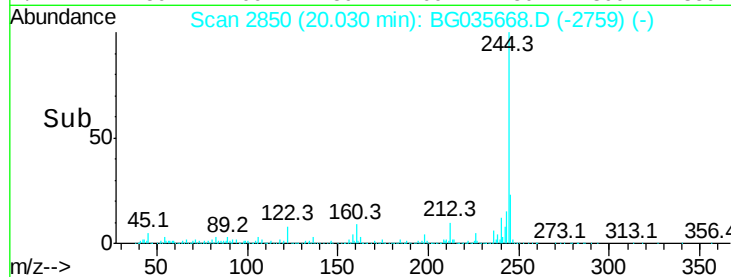
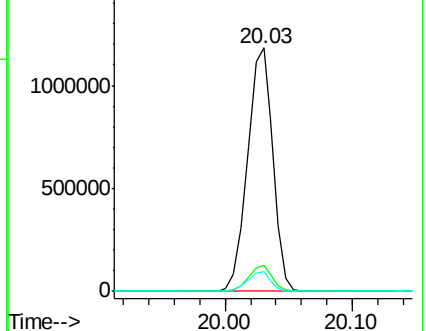
122 7.9 7.0 10.4



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: 24.91 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BG035668.D

Acq: 16 Jul 2018 14:01

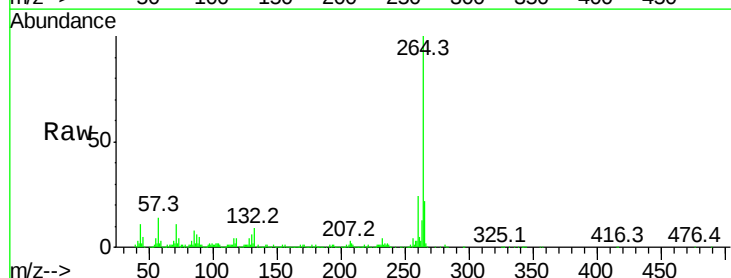
Tgt Ion:264 Resp: 436774

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.7 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

