

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
 Data File : BG035678.D
 Acq On : 16 Jul 2018 20:33
 Operator : JU/SJ
 Sample : J3980-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-E-MH-D

Quant Time: Jul 17 05:58:03 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

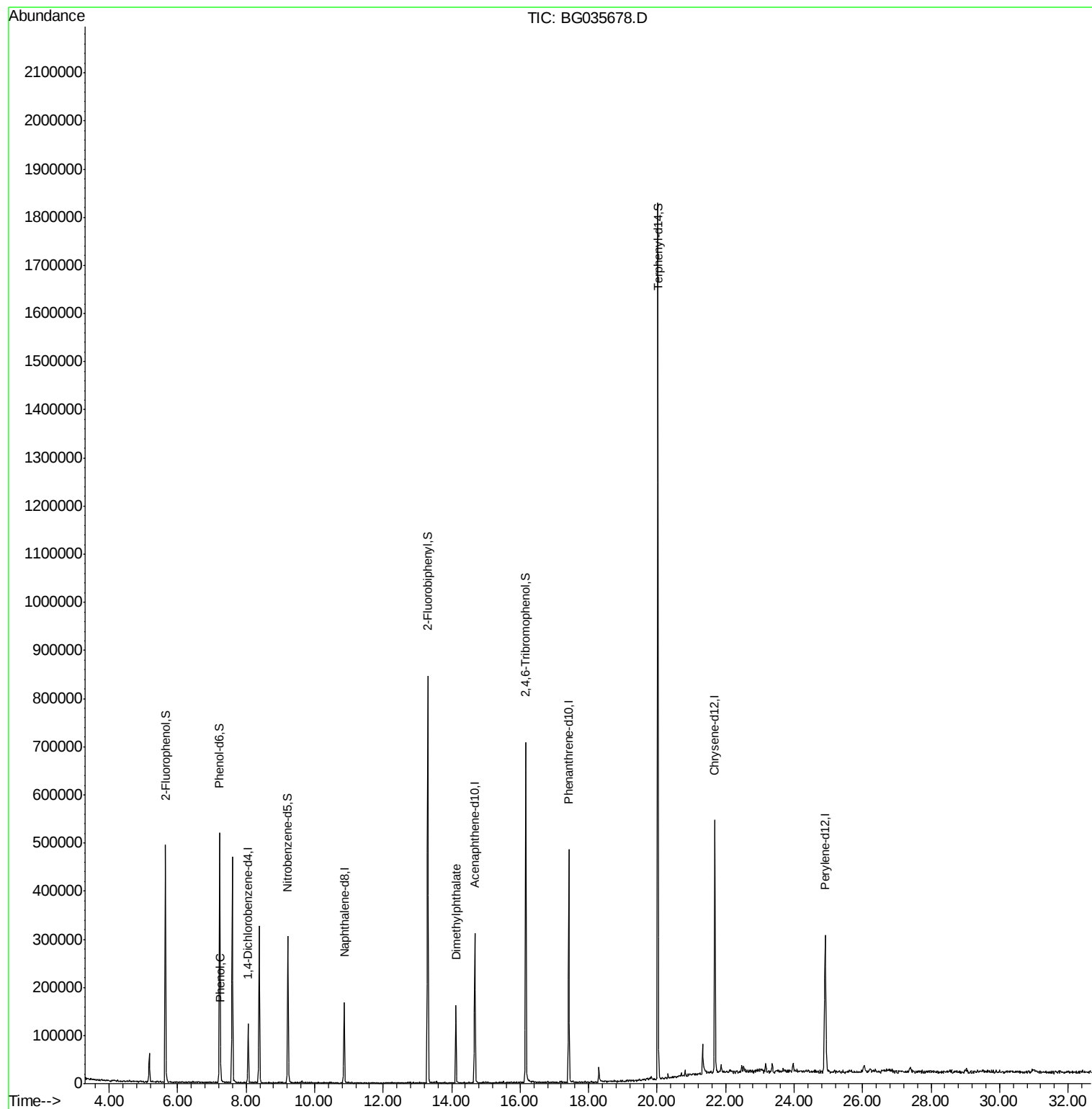
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	35447	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	140550	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	108139	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	306672	20.00	ng	0.00
75) Chrysene-d12	21.68	240	322875	20.00	ng	0.00
86) Perylene-d12	24.91	264	303889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	204104	95.60	ng	0.00
7) Phenol-d6	7.23	99	307812	96.63	ng	0.00
23) Nitrobenzene-d5	9.22	82	199261	59.23	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	133163	93.43	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	451389	55.92	ng	0.00
78) Terphenyl-d14	20.02	244	868196	59.27	ng	0.00
Target Compounds						
10) Phenol	7.26	94	8520	2.647	ng	# 79
49) Dimethylphthalate	14.12	163	103045	10.876	ng	# 97

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

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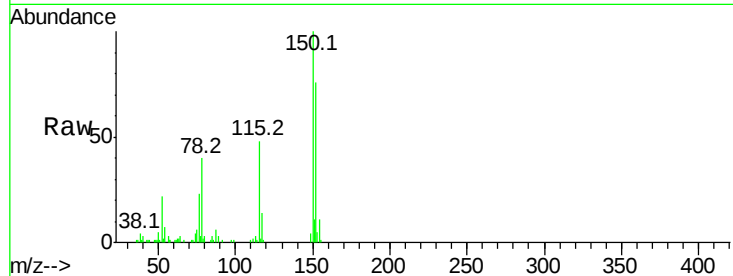


#1

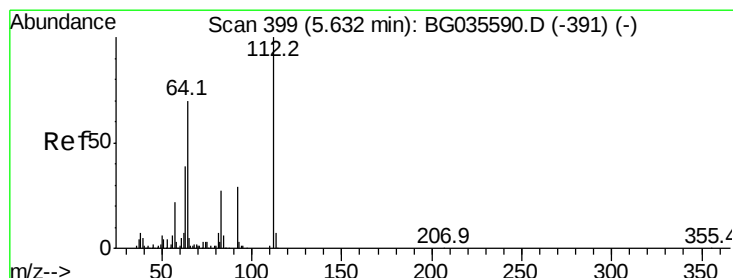
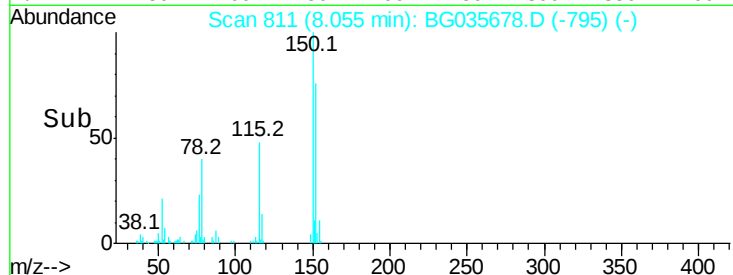
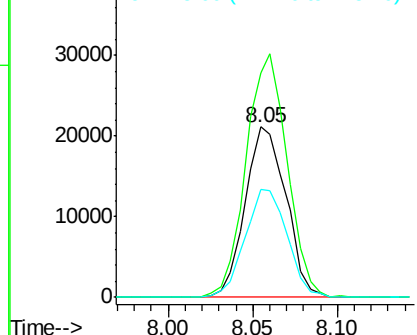
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG035678.D
Acq: 16 Jul 2018 20:33

Instrument :
BNA_G
ClientSampleId :
TP-E-MH-D

Tot Ion:152 Resp: 35447
Ion Ratio Lower Upper
152 100
150 131.9 126.6 189.8
115 63.7 53.0 79.4



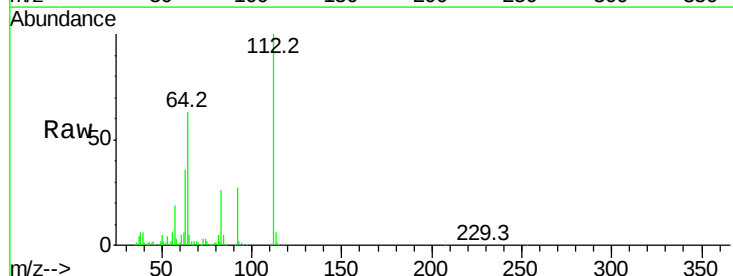
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



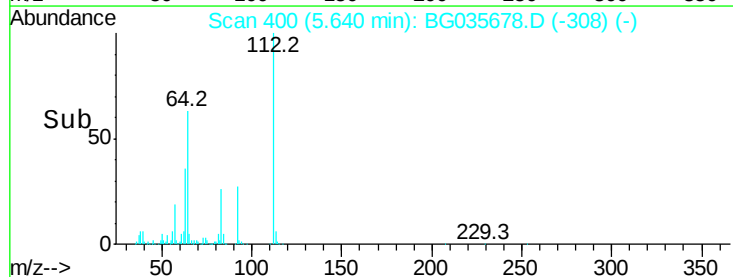
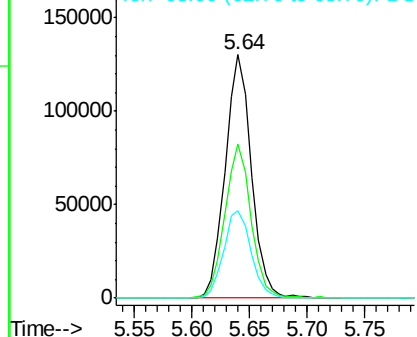
#5

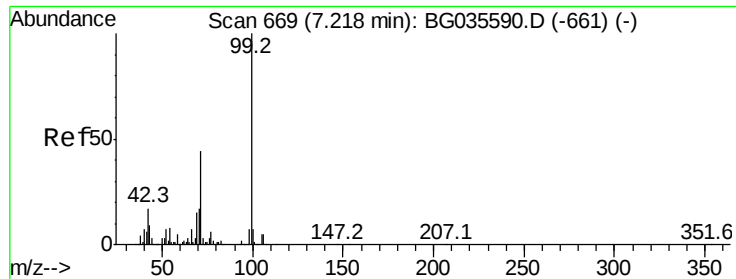
2-Fluorophenol
Concen: 95.596 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035678.D
Acq: 16 Jul 2018 20:33

Tgt Ion:112 Resp: 204104
Ion Ratio Lower Upper
112 100
64 63.2 56.3 84.5
63 35.8 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: 96.630 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035678.D

Acq: 16 Jul 2018 20:33

Instrument :

BNA_G

ClientSampleId :

TP-E-MH-D

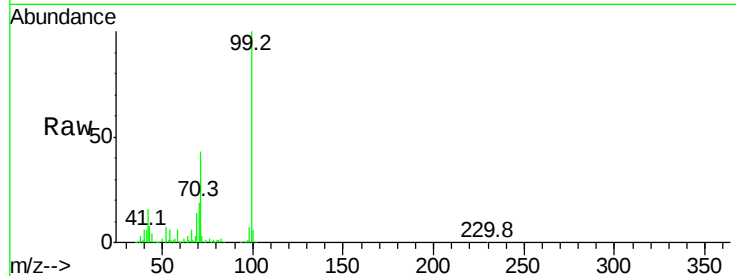
Tot Ion: 99 Resp: 307812

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

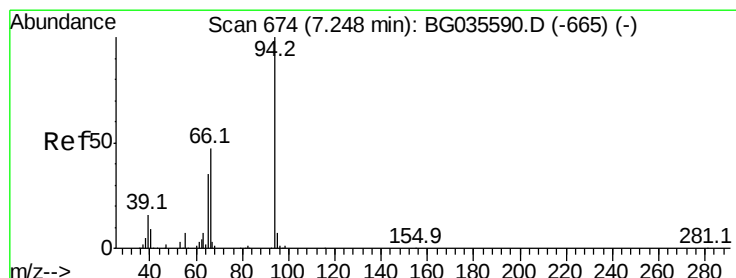
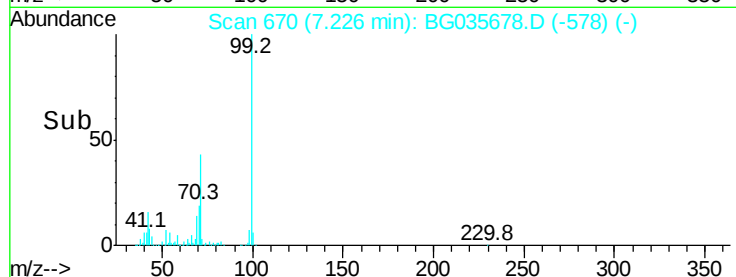
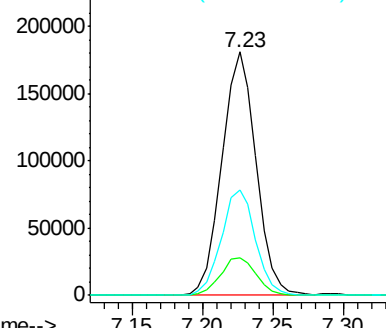
71 43.1 26.1 39.1#



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: 2.647 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.01 min

Lab File: BG035678.D

Acq: 16 Jul 2018 20:33

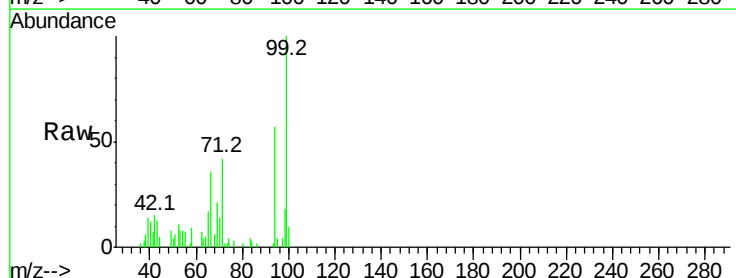
Tgt Ion: 94 Resp: 8520

Ion Ratio Lower Upper

94 100

65 29.3 11.9 51.9

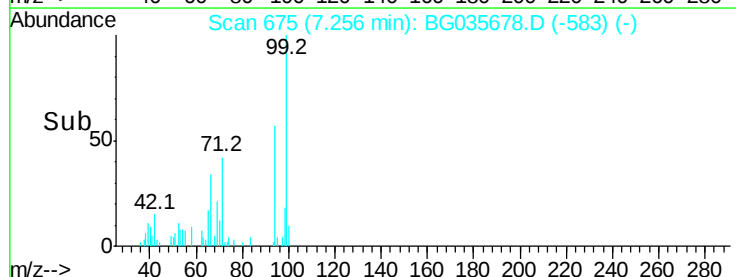
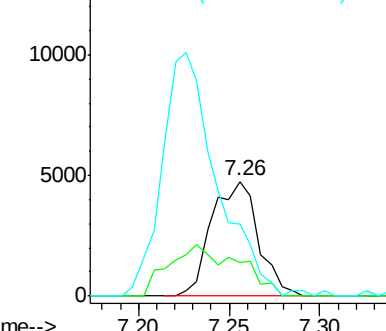
66 63.2 22.2 62.2#

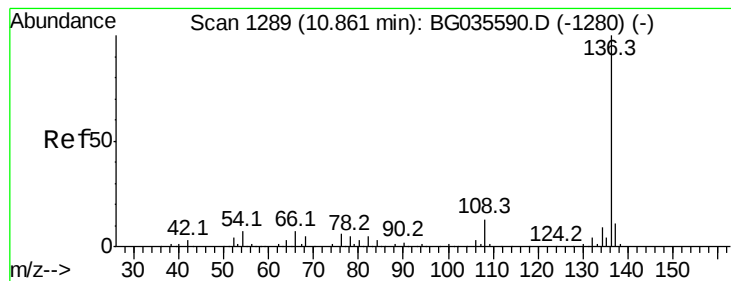


Abundance Ion 94.00 (93.70 to 94.70): BGC

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: BG035678.D

Acq: 16 Jul 2018 20:33

Instrument :

BNA_G

ClientSampleId :

TP-E-MH-D

Tot Ion:136 Resp: 140550

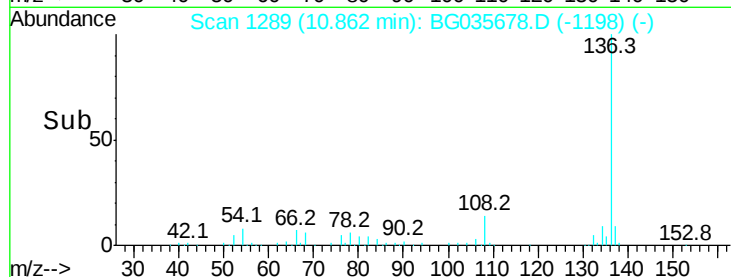
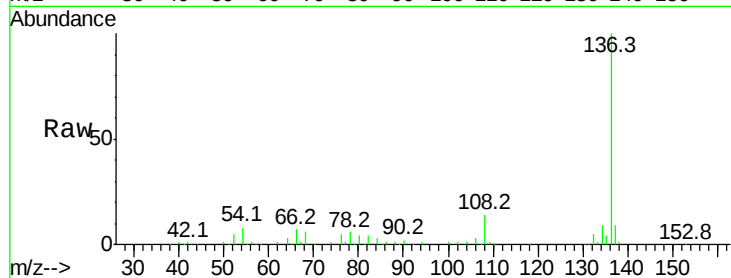
Ion Ratio Lower Upper

136 100

137 9.4 9.2 13.8

54 7.8 10.3 15.5#

68 5.6 4.5 6.7

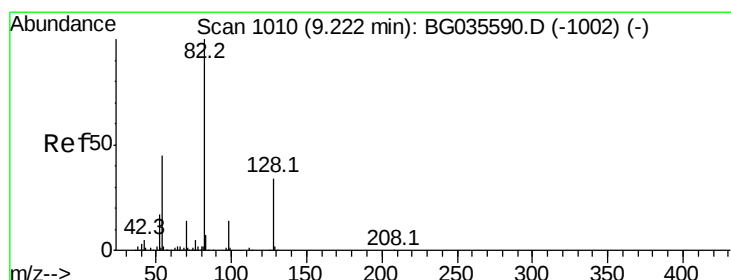
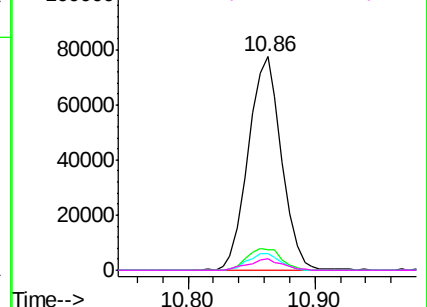


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.225 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG035678.D

Acq: 16 Jul 2018 20:33

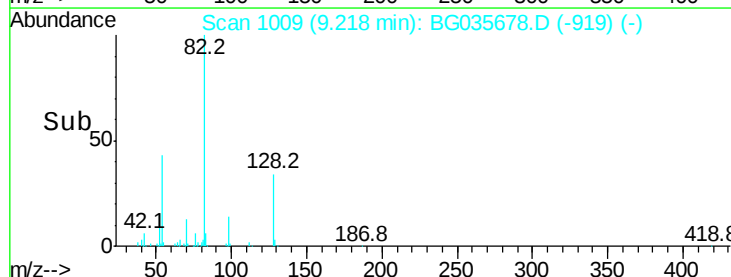
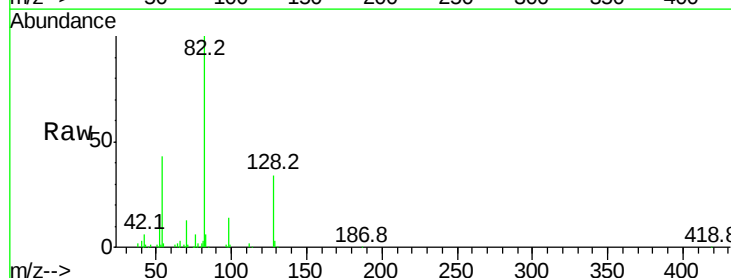
Tgt Ion: 82 Resp: 199261

Ion Ratio Lower Upper

82 100

128 34.3 29.7 44.5

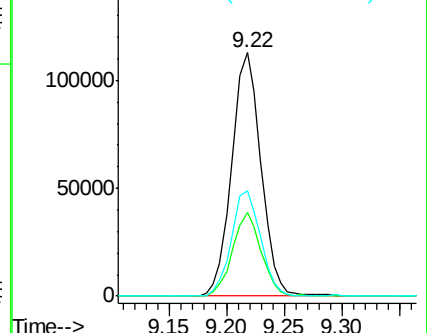
54 43.1 43.1 64.7

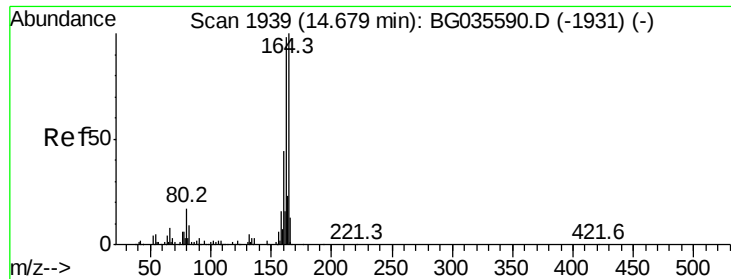


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

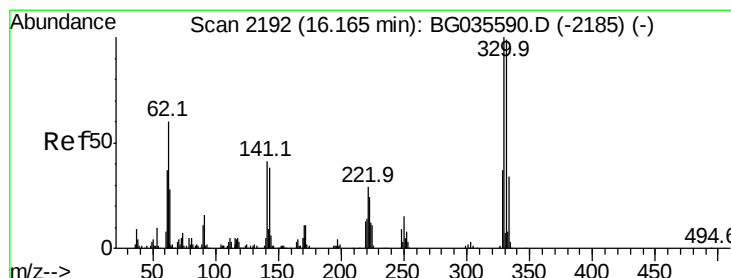
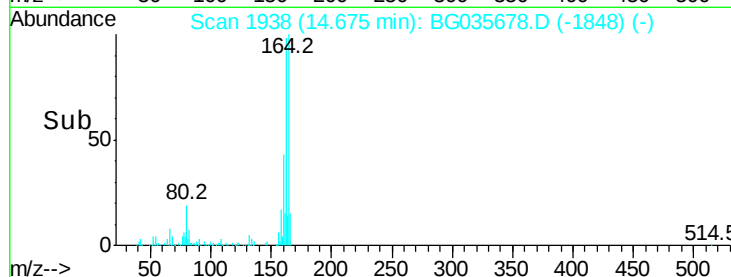
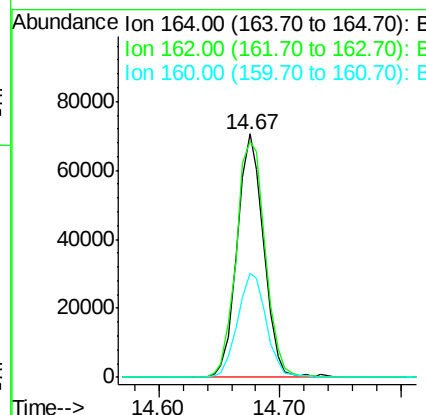
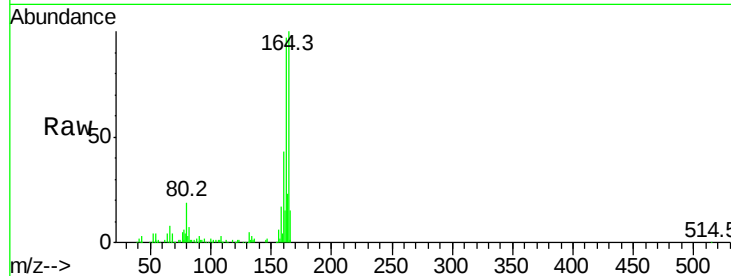




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG035678.D
Acq: 16 Jul 2018 20:33

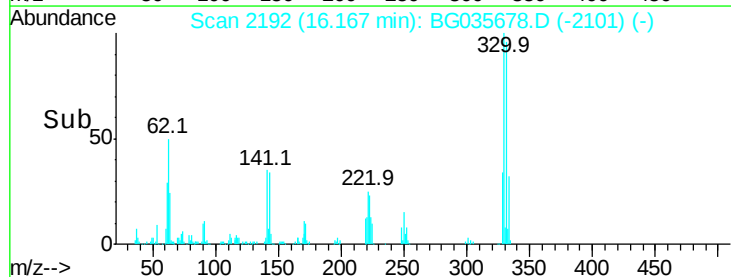
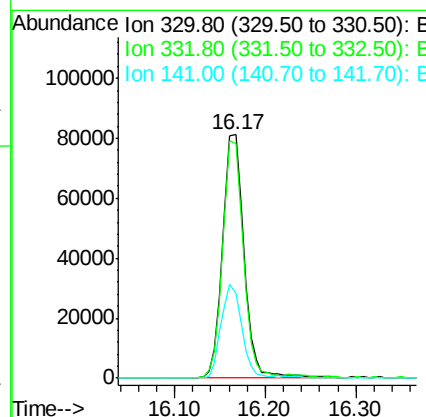
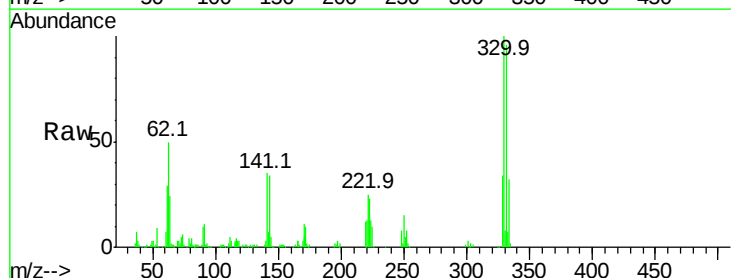
Instrument :
BNA_G
ClientSampleId :
TP-E-MH-D

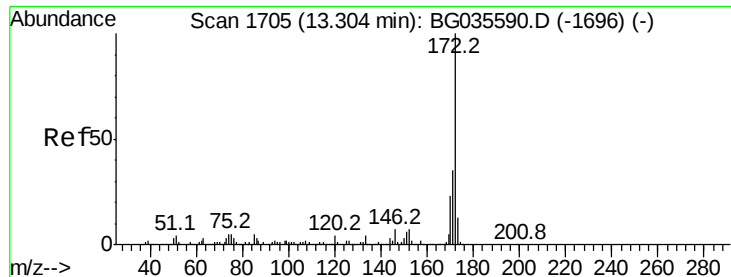
Tot Ion:164 Resp: 108139
Ion Ratio Lower Upper
164 100
162 96.7 78.8 118.2
160 43.0 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 93.425 ng
RT: 16.17 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG035678.D
Acq: 16 Jul 2018 20:33

Tgt Ion:330 Resp: 133163
Ion Ratio Lower Upper
330 100
332 93.8 77.0 115.6
141 37.0 25.2 37.8

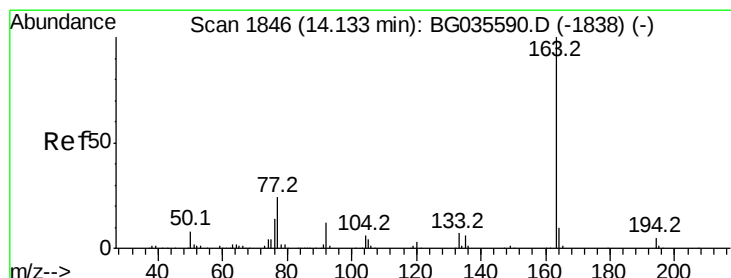
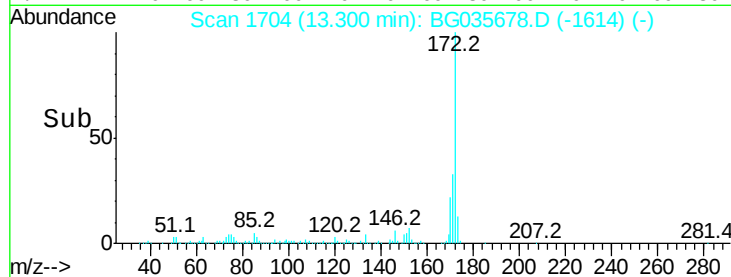
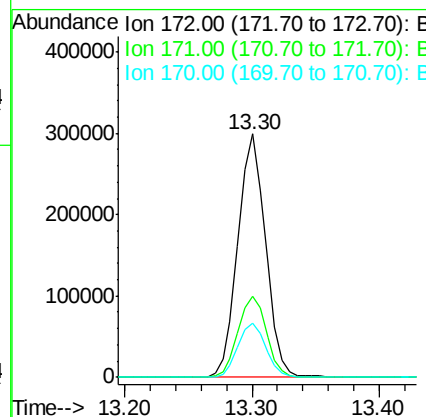
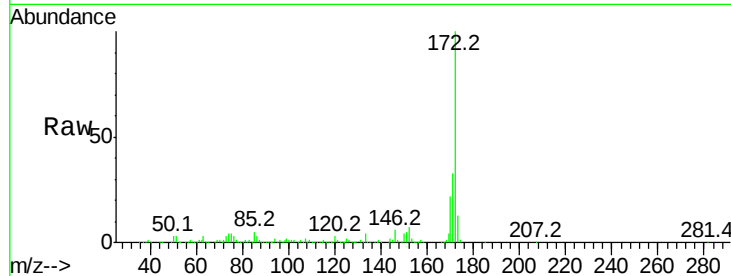




#44
2-Fluorobiphenyl
Concen: 55.923 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG035678.D
Acq: 16 Jul 2018 20:33

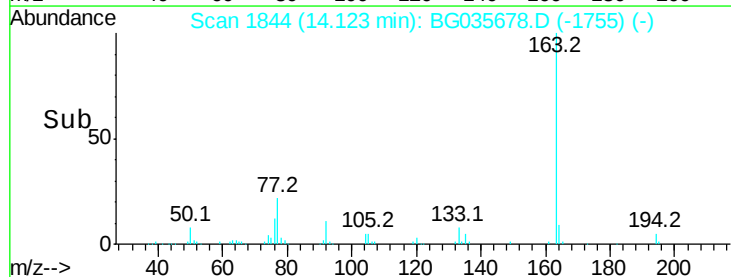
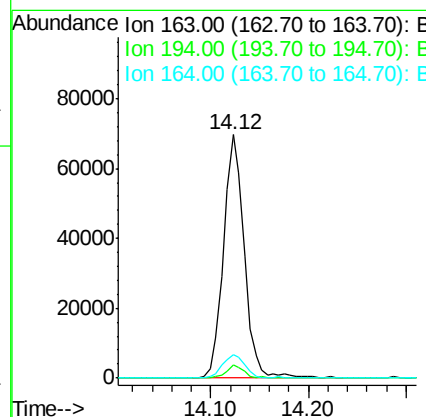
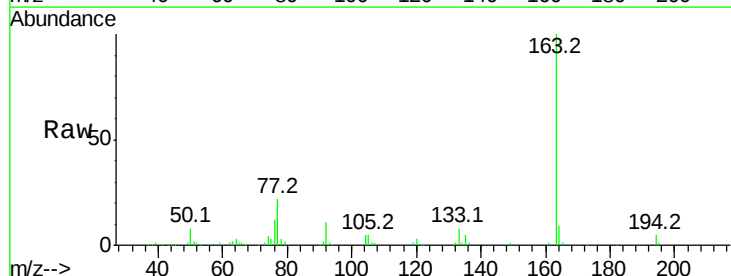
Instrument :
BNA_G
ClientSampleId :
TP-E-MH-D

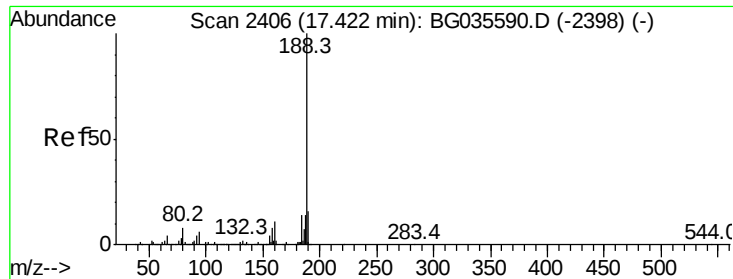
Tot Ion:172 Resp: 451389
Ion Ratio Lower Upper
172 100
171 33.3 30.0 45.0
170 22.2 19.5 29.3



#49
Dimethylphthalate
Concen: 10.876 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG035678.D
Acq: 16 Jul 2018 20:33

Tgt Ion:163 Resp: 103045
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2#
164 9.4 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BG035678.D

Acq: 16 Jul 2018 20:33

Instrument :

BNA_G

ClientSampled :

TP-E-MH-D

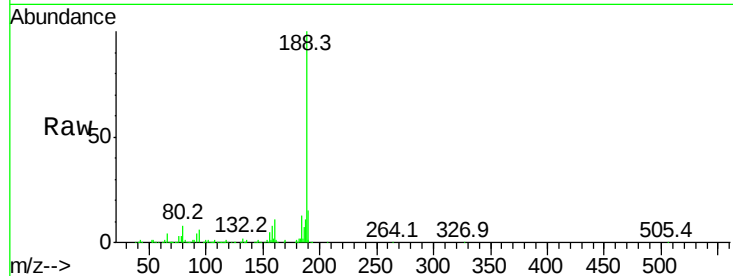
Tot Ion:188 Resp: 306672

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

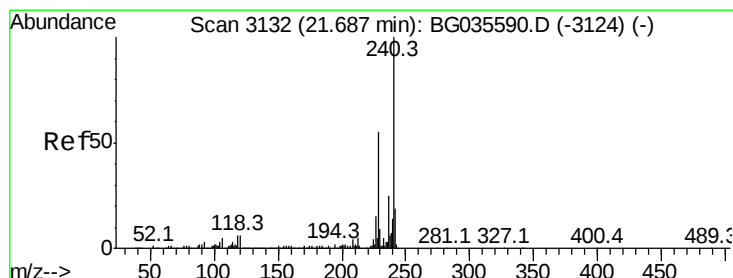
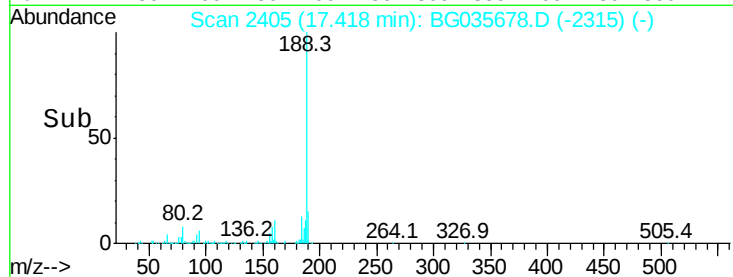
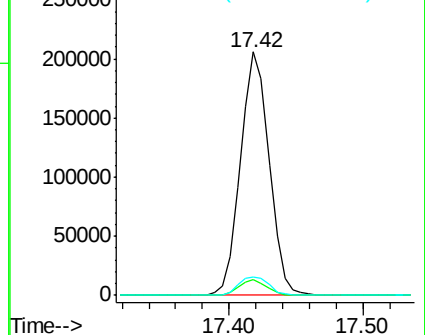
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG035678.D

Acq: 16 Jul 2018 20:33

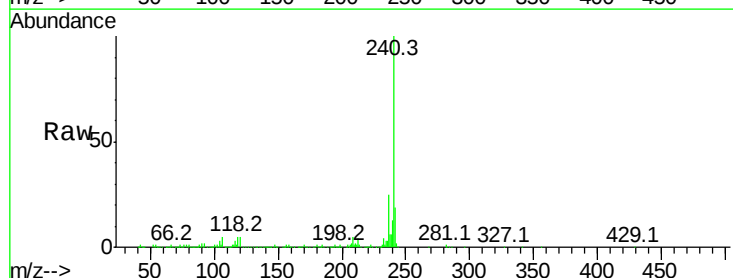
Tgt Ion:240 Resp: 322875

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

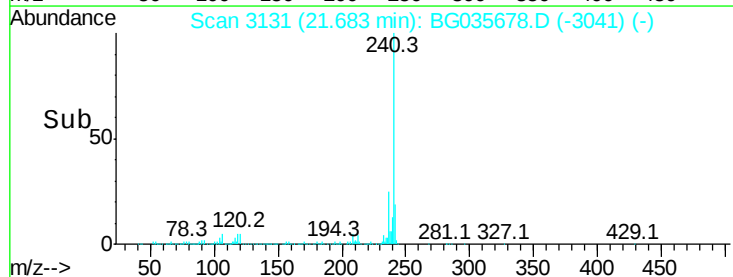
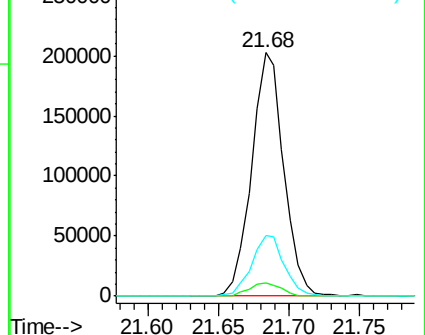
236 25.0 20.9 31.3

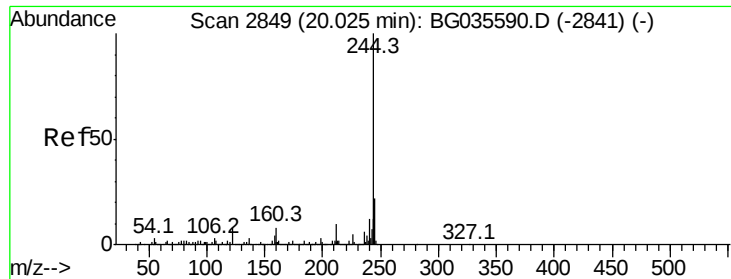


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

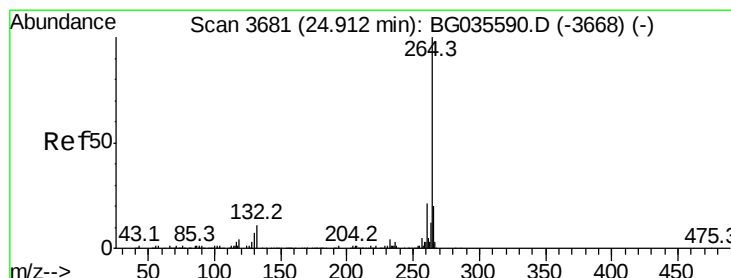
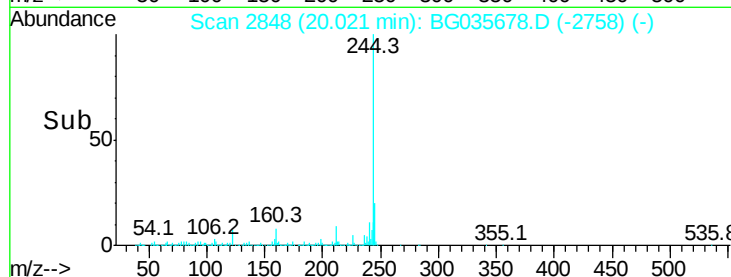
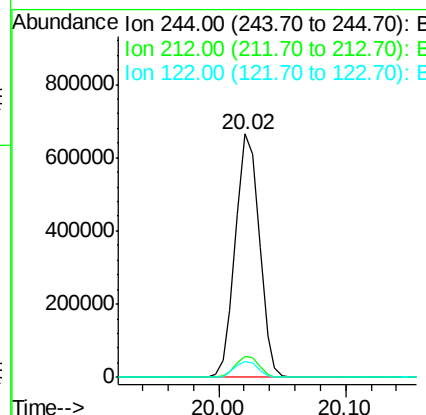
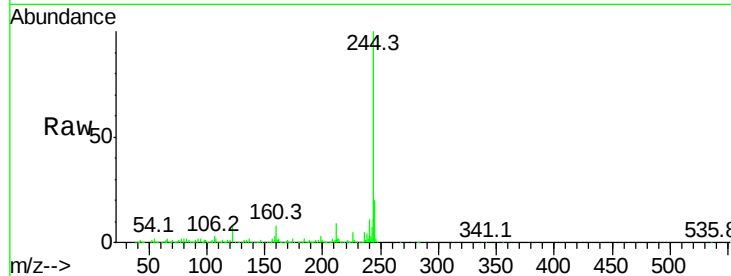




#78
 Terphenyl-d14
 Concen: 59.273 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BG035678.D
 Acq: 16 Jul 2018 20:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-E-MH-D

Tot Ion:244 Resp: 868196
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.8 8.8
 122 6.6 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.00 min
 Lab File: BG035678.D
 Acq: 16 Jul 2018 20:33

Tgt Ion:264 Resp: 303889
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.4 26.0
 265 20.2 17.7 26.5

