

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033598.D
 Acq On : 5 Apr 2018 18:33
 Operator : SJ/JU
 Sample : J2216-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW25D-GW

Quant Time: Apr 06 03:32:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

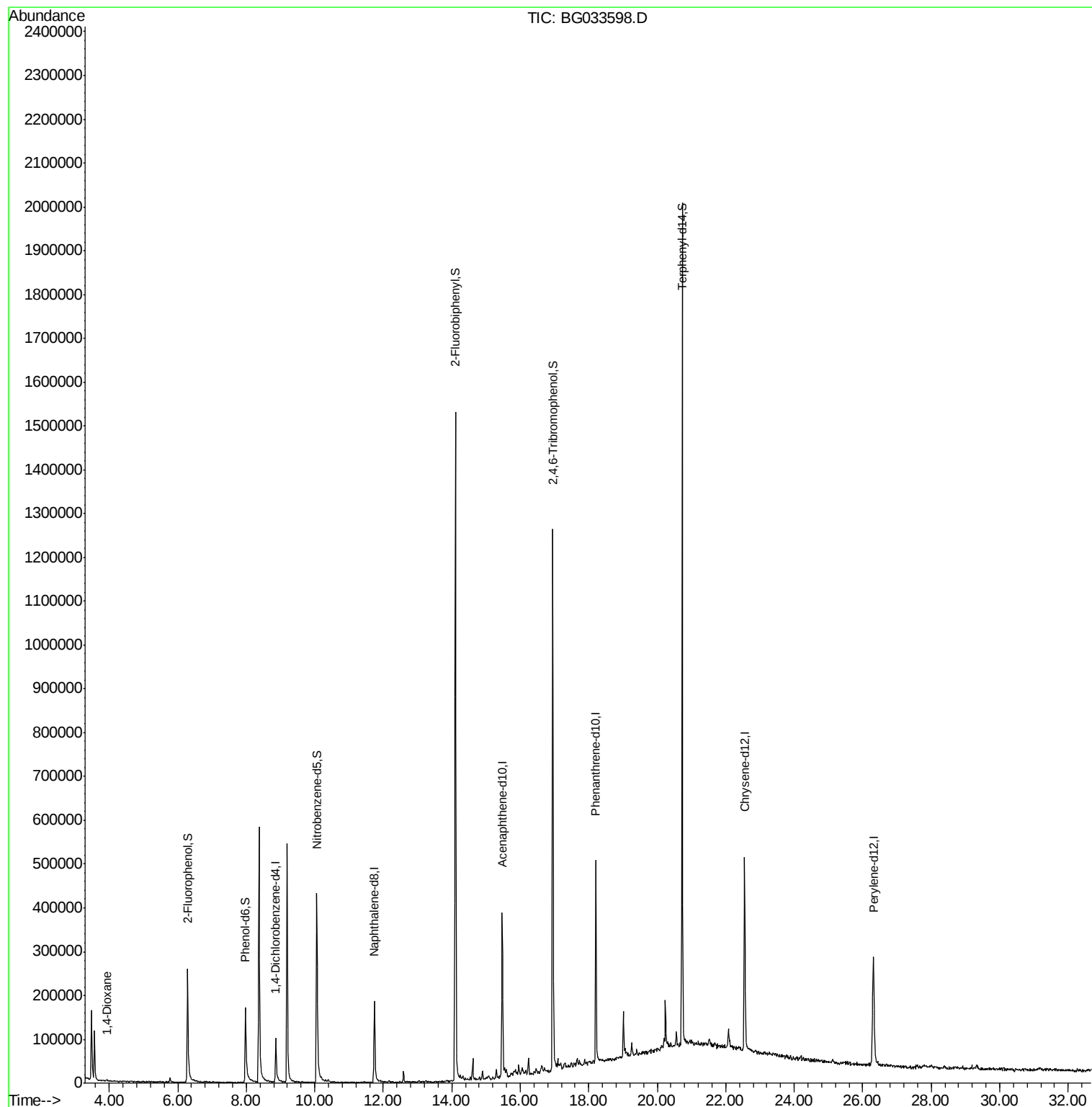
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38342	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	188241	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	143952	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	325795	20.00	ng	0.00
75) Chrysene-d12	22.55	240	316009	20.00	ng	0.00
86) Perylene-d12	26.31	264	332505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	139888	68.41	ng	0.00
7) Phenol-d6	7.98	99	138806	39.51	ng	0.00
23) Nitrobenzene-d5	10.06	82	358937	87.61	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	242263	112.53	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	867752	87.02	ng	0.00
78) Terphenyl-d14	20.73	244	991955	67.13	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.93	88	2094	2.017	ng	Qvalue # 84

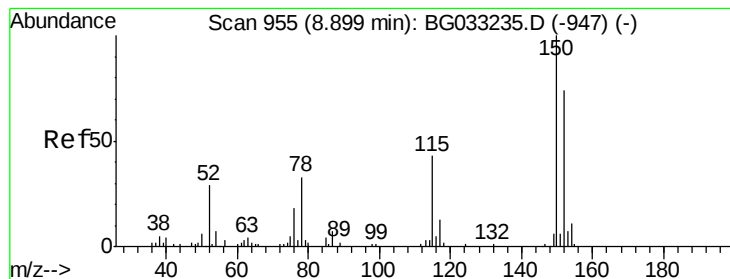
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG033598.D

Acq: 5 Apr 2018 18:33

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25D-GW

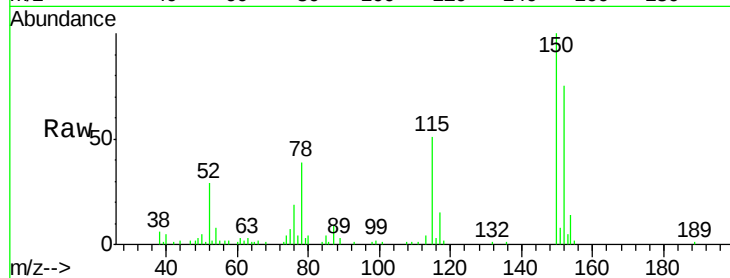
Tot Ion:152 Resp: 38342

Ion Ratio Lower Upper

152 100

150 133.9 126.6 189.8

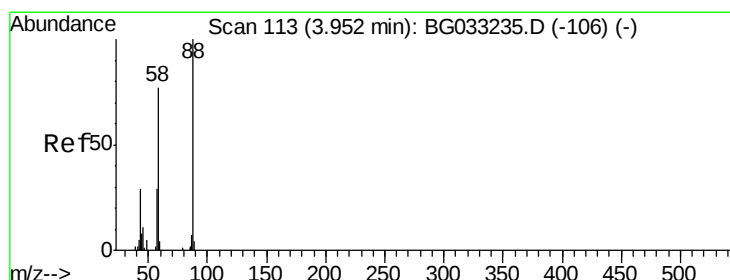
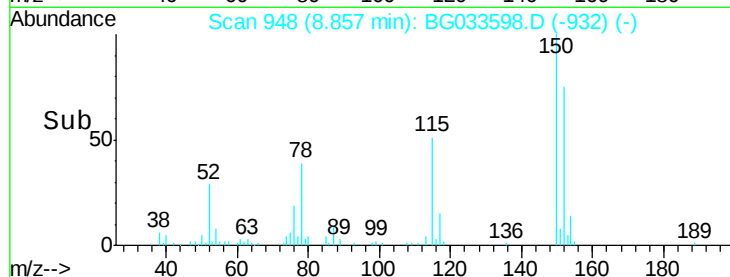
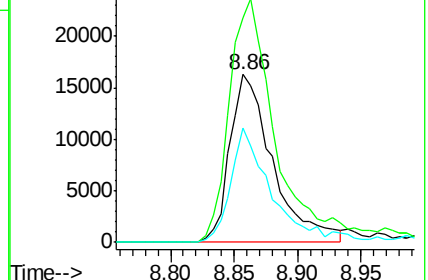
115 68.3 53.0 79.4



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



#2

1,4-Dioxane

Concen: 2.017 ng

RT: 3.93 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG033598.D

Acq: 5 Apr 2018 18:33

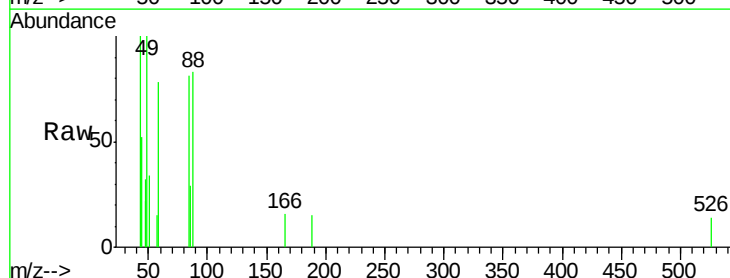
Tgt Ion: 88 Resp: 2094

Ion Ratio Lower Upper

88 100

58 112.7 79.6 119.4

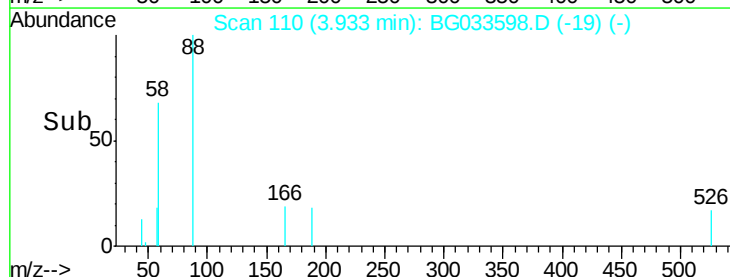
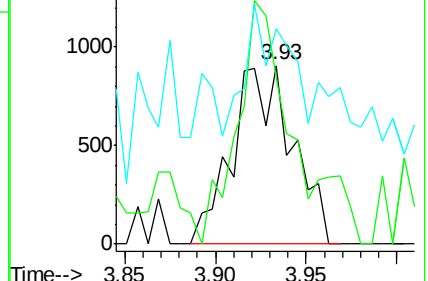
43 48.9 27.4 41.0#

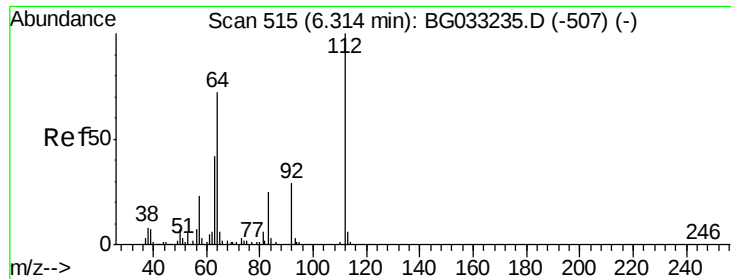


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 68.412 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033598.D

Acq: 5 Apr 2018 18:33

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25D-GW

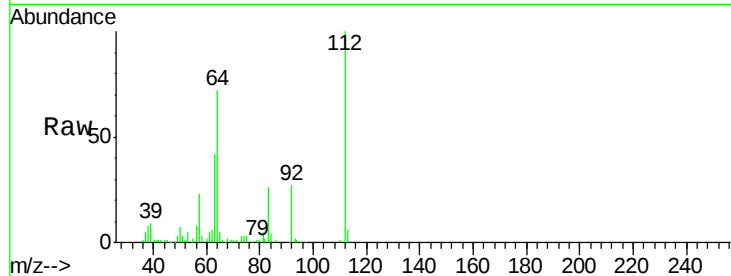
Tot Ion:112 Resp: 139888

Ion Ratio Lower Upper

112 100

64 71.9 56.3 84.5

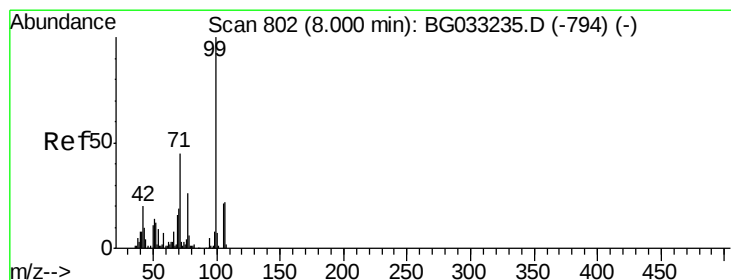
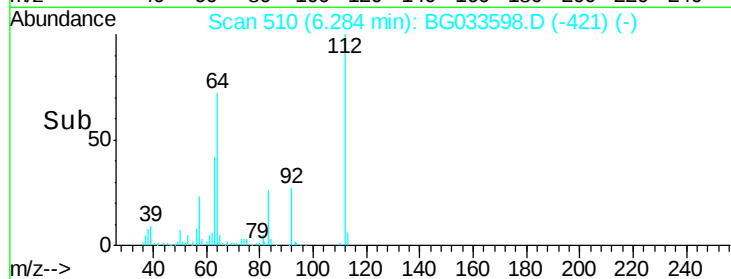
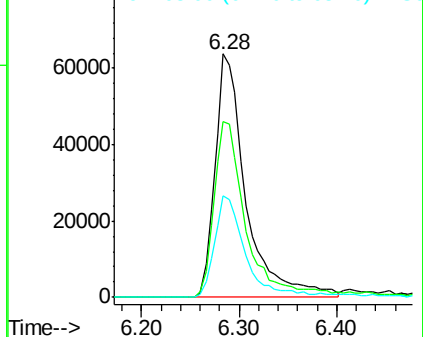
63 41.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 39.508 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033598.D

Acq: 5 Apr 2018 18:33

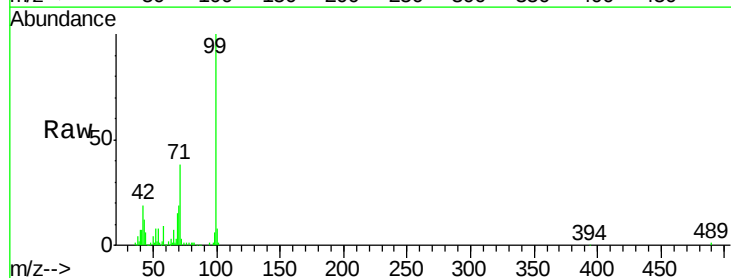
Tgt Ion: 99 Resp: 138806

Ion Ratio Lower Upper

99 100

42 19.4 14.1 21.1

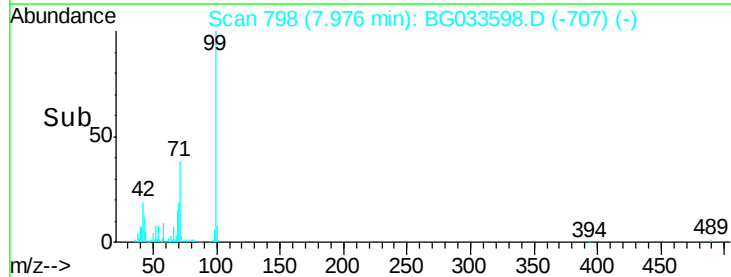
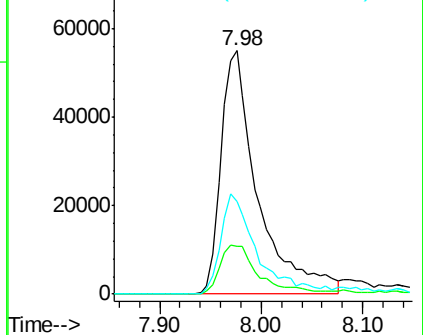
71 37.9 26.1 39.1

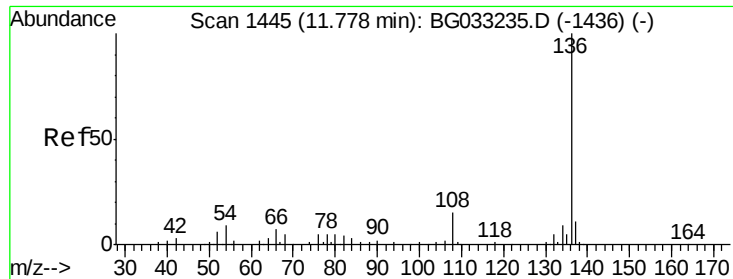


Abundance Ion 99.00 (98.70 to 99.70): BGC

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: 11.74 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BG033598.D

Acq: 5 Apr 2018 18:33

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25D-GW

Tot Ion:136 Resp: 188241

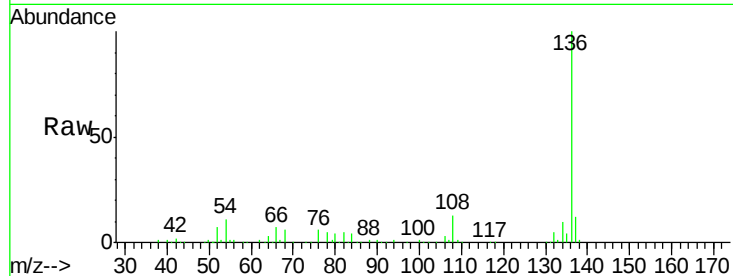
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 10.6 10.3 15.5

68 5.5 4.5 6.7

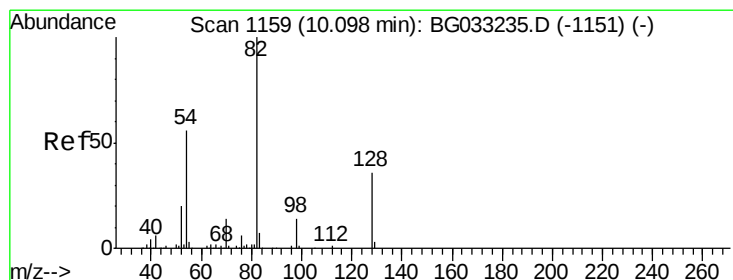
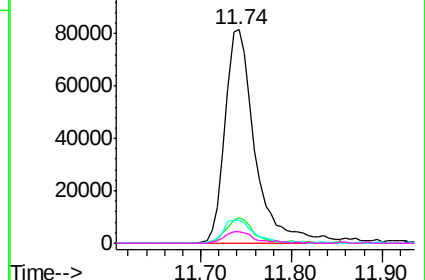
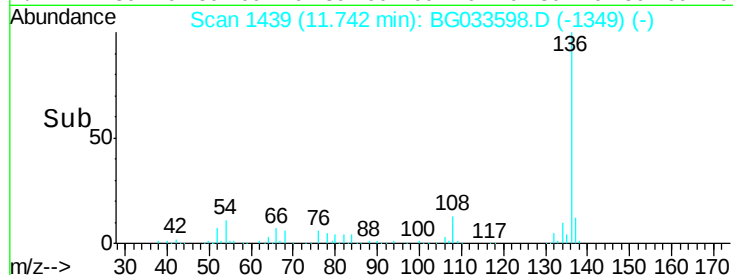


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.606 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG033598.D

Acq: 5 Apr 2018 18:33

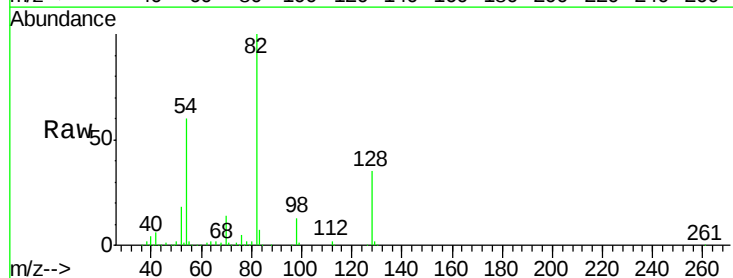
Tgt Ion: 82 Resp: 358937

Ion Ratio Lower Upper

82 100

128 35.1 29.7 44.5

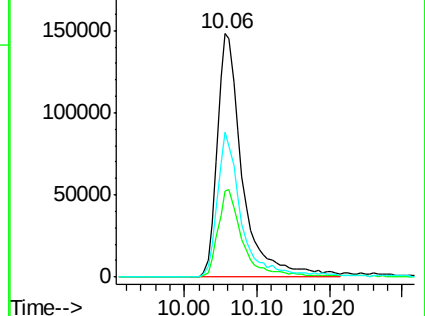
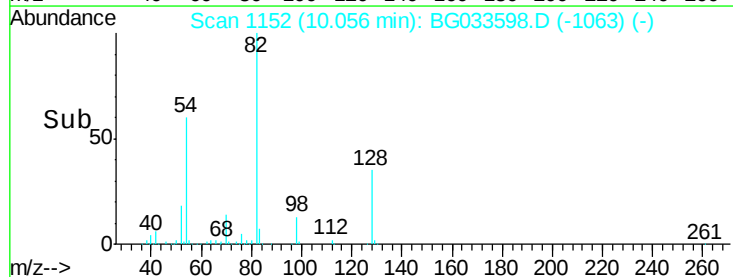
54 59.8 43.1 64.7

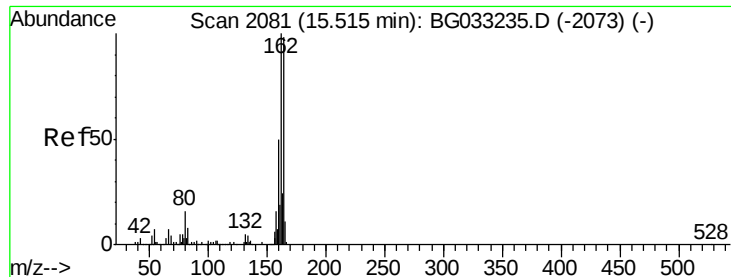


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033598.D

Acq: 5 Apr 2018 18:33

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25D-GW

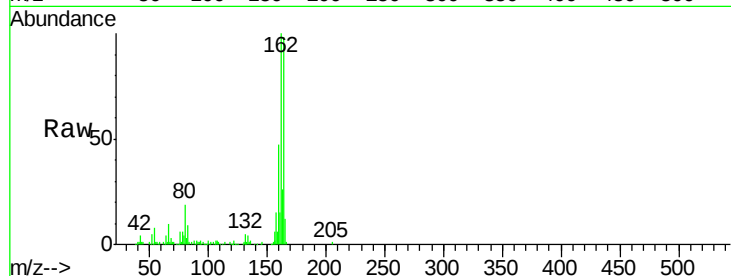
Tot Ion:164 Resp: 143952

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

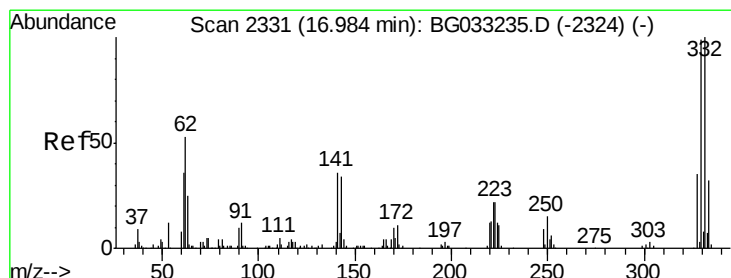
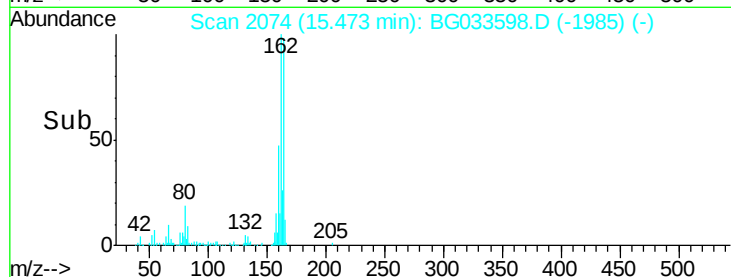
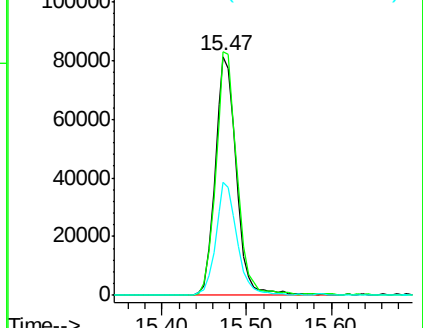
160 47.6 35.4 53.0



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: 112.525 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033598.D

Acq: 5 Apr 2018 18:33

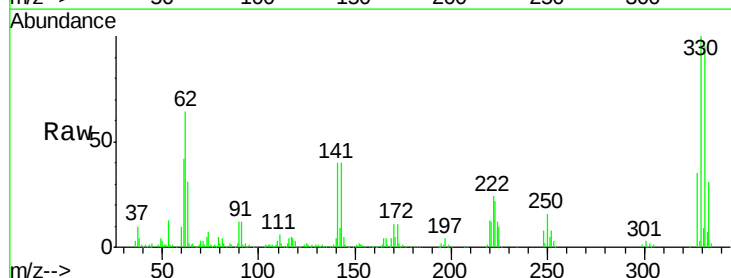
Tgt Ion:330 Resp: 242263

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

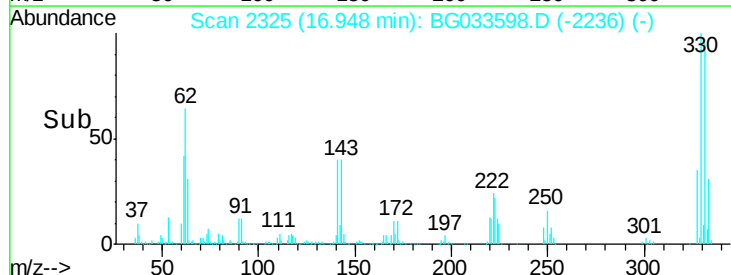
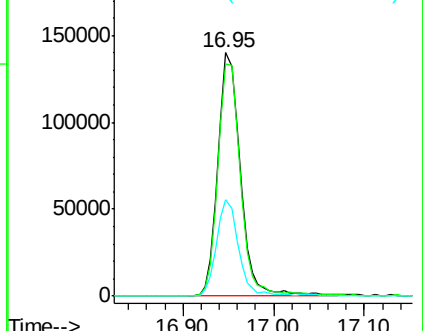
141 38.5 25.2 37.8#

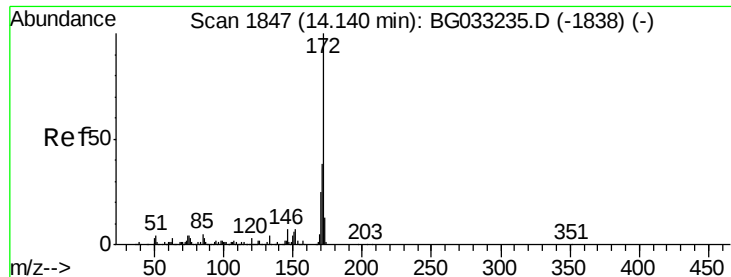


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 87.023 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG033598.D

Acq: 5 Apr 2018 18:33

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25D-GW

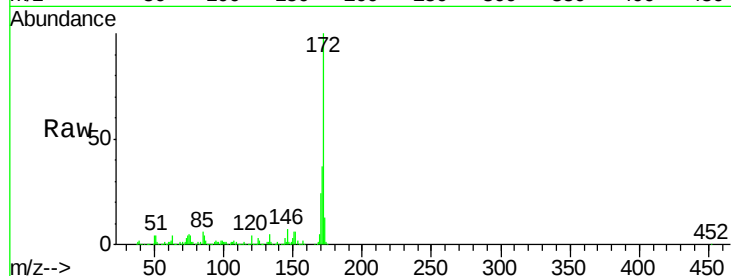
Tot Ion:172 Resp: 867752

Ion Ratio Lower Upper

172 100

171 36.9 30.0 45.0

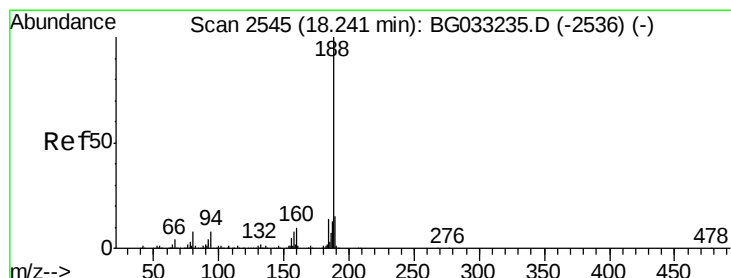
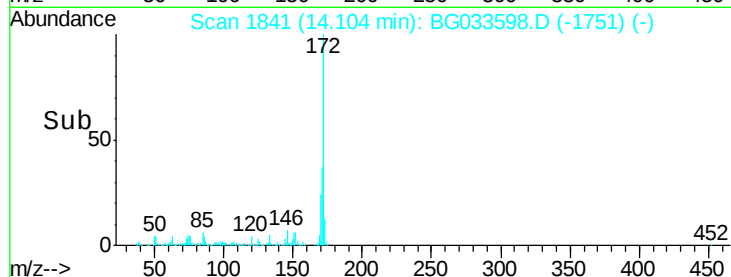
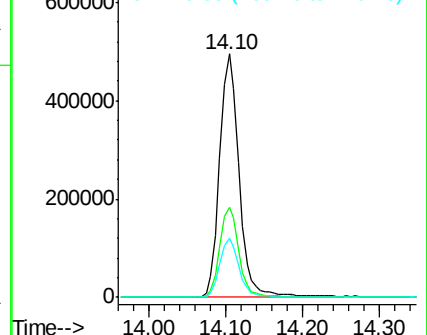
170 24.4 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033598.D

Acq: 5 Apr 2018 18:33

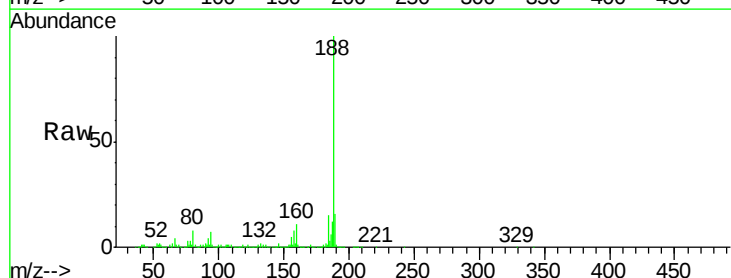
Tgt Ion:188 Resp: 325795

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

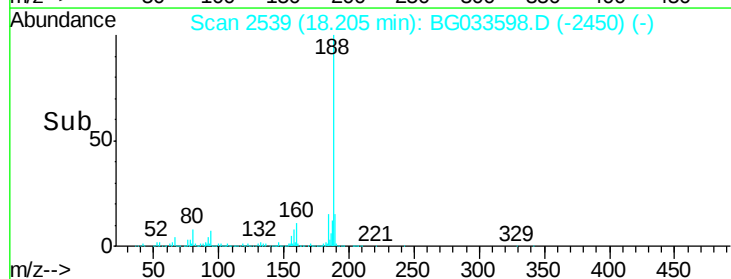
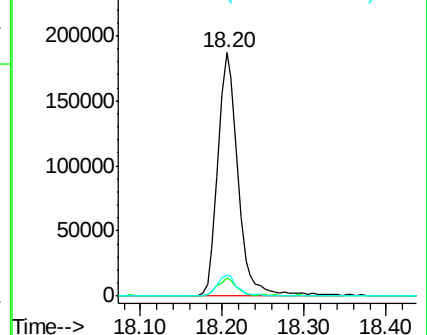
80 8.4 7.7 11.5

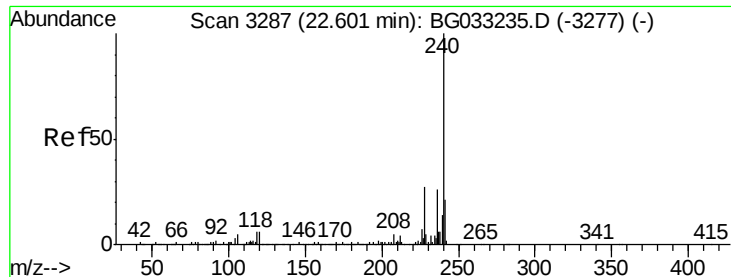


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033598.D

Acq: 5 Apr 2018 18:33

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW25D-GW

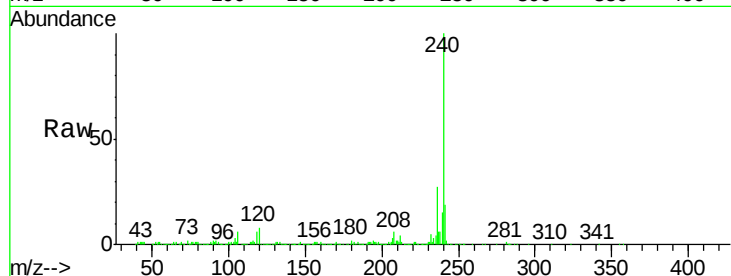
Tot Ion:240 Resp: 316009

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

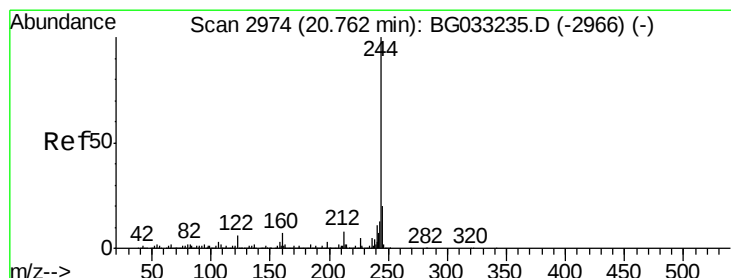
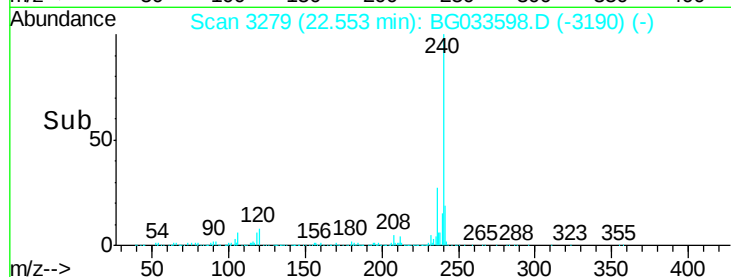
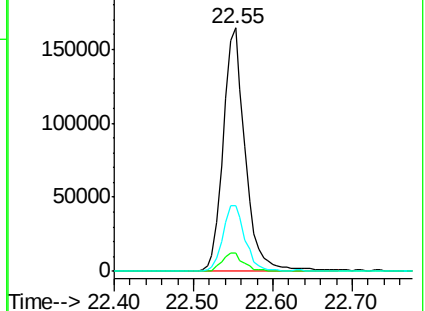
236 26.9 20.9 31.3



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: 67.131 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033598.D

Acq: 5 Apr 2018 18:33

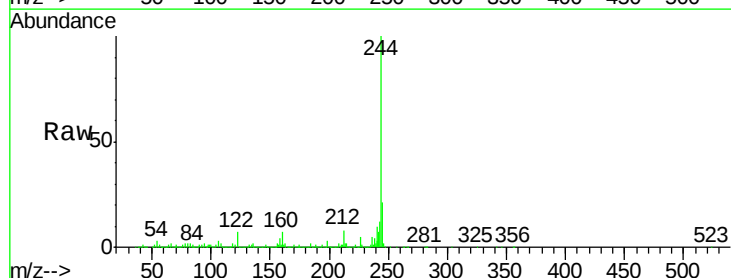
Tgt Ion:244 Resp: 991955

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

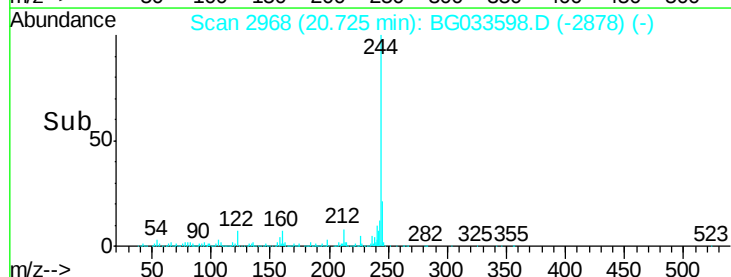
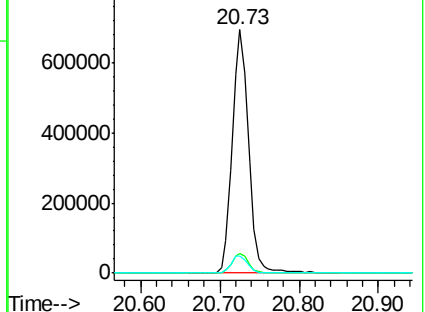
122 7.2 7.0 10.4



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: 26.31 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BG033598.D
Acq: 5 Apr 2018 18:33

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW25D-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	23.7	17.7	26.5

