

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035975.D
 Acq On : 30 Jul 2018 14:23
 Operator : JU/SJ
 Sample : J4196-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 072518-DBRI-E-D-M

Quant Time: Jul 30 15:02:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

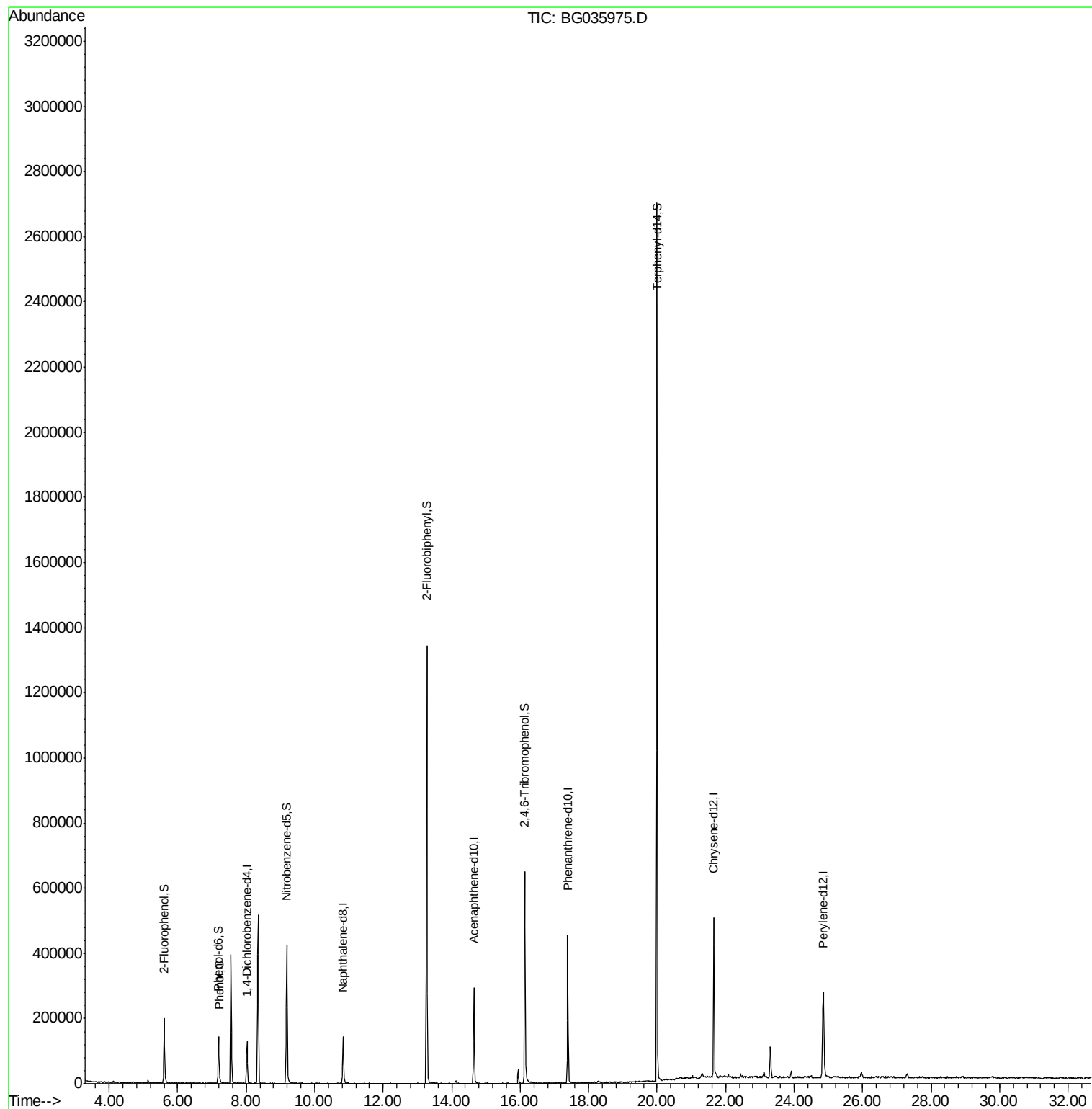
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36934	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	139287	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	108580	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	306530	20.00	ng	0.00
75) Chrysene-d12	21.65	240	316962	20.00	ng	0.00
86) Perylene-d12	24.85	264	300861	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	98828	44.42	ng	0.00
7) Phenol-d6	7.19	99	98801	29.77	ng	0.00
23) Nitrobenzene-d5	9.18	82	302595	90.75	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	141345	98.76	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	751988	92.79	ng	0.00
78) Terphenyl-d14	20.00	244	1269683	88.30	ng	0.00
Target Compounds						
10) Phenol	7.21	94	9826	2.930	ng	Qvalue 82

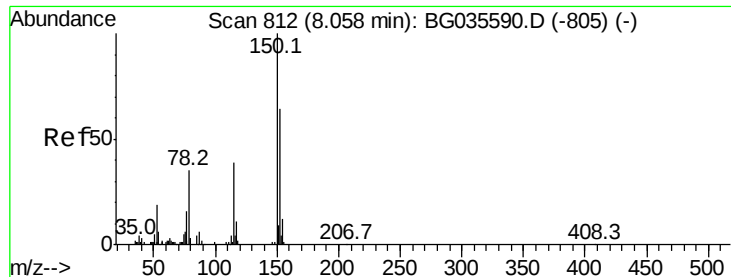
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
Data File : BG035975.D
Acq On : 30 Jul 2018 14:23
Operator : JU/SJ
Sample : J4196-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
072518-DBRI-E-D-M

Quant Time: Jul 30 15:02:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG035975.D

Acq: 30 Jul 2018 14:23

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-D-M

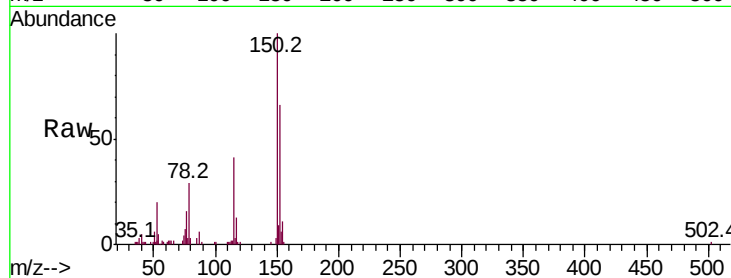
Tot Ion:152 Resp: 36934

Ion Ratio Lower Upper

152 100

150 151.2 126.6 189.8

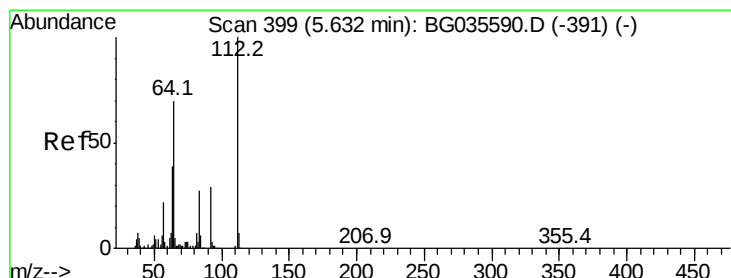
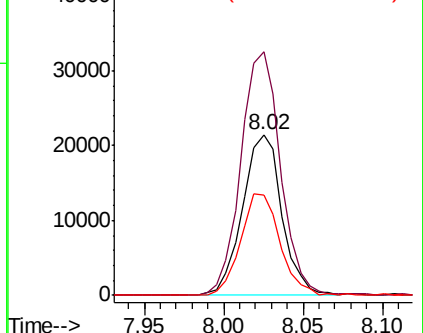
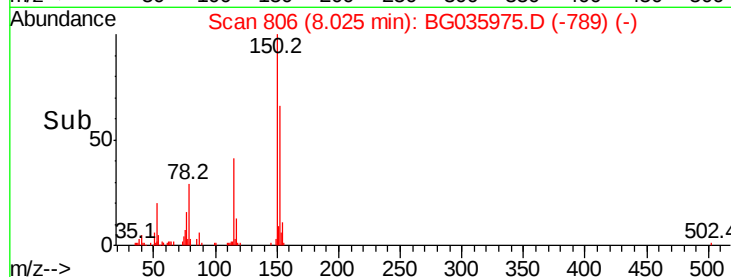
115 62.6 53.0 79.4



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: 44.425 ng

RT: 5.60 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG035975.D

Acq: 30 Jul 2018 14:23

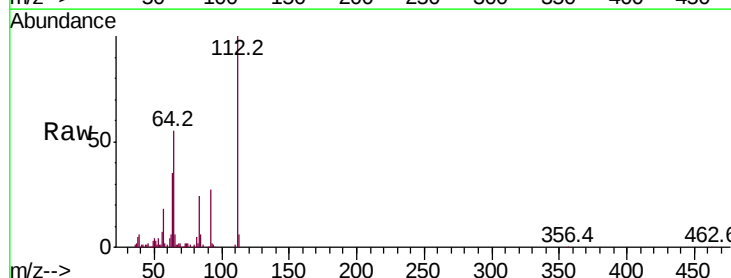
Tgt Ion:112 Resp: 98828

Ion Ratio Lower Upper

112 100

64 55.0 56.3 84.5#

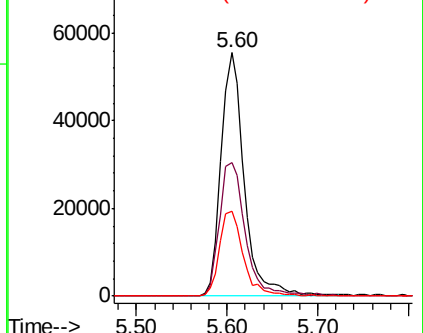
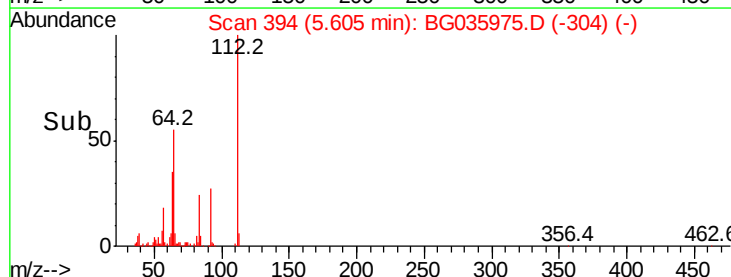
63 35.0 30.1 45.1

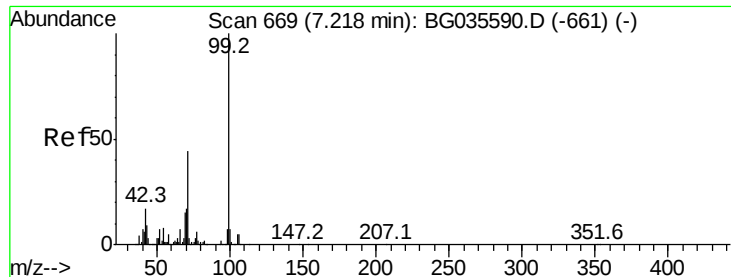


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 29.767 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035975.D

Acq: 30 Jul 2018 14:23

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-D-M

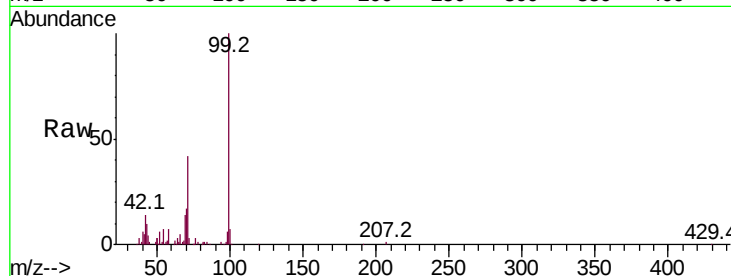
Tot Ion: 99 Resp: 98801

Ion Ratio Lower Upper

99 100

42 14.0 14.1 21.1#

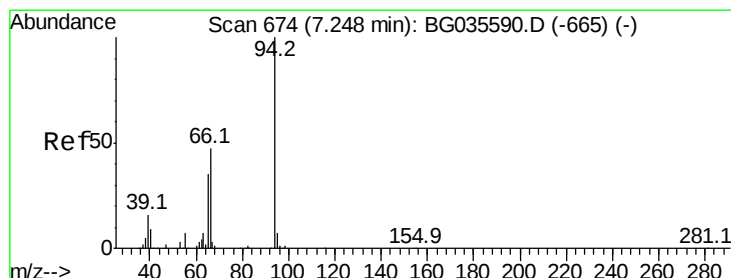
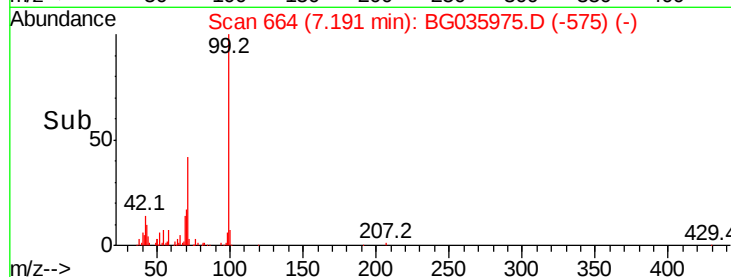
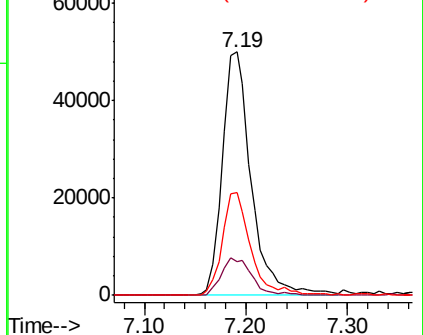
71 42.1 26.1 39.1#



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: 2.930 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035975.D

Acq: 30 Jul 2018 14:23

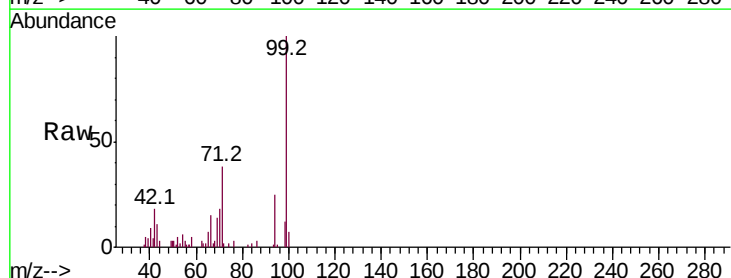
Tgt Ion: 94 Resp: 9826

Ion Ratio Lower Upper

94 100

65 27.7 11.9 51.9

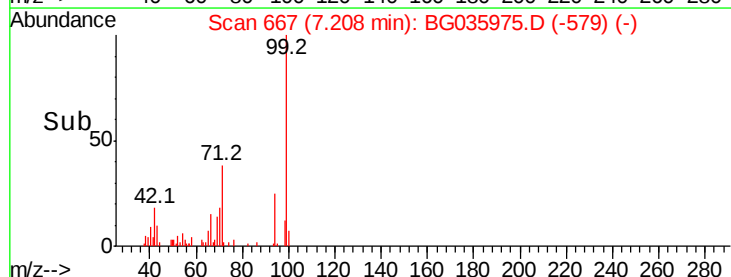
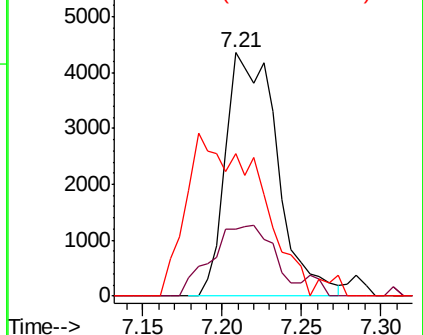
66 58.3 22.2 62.2

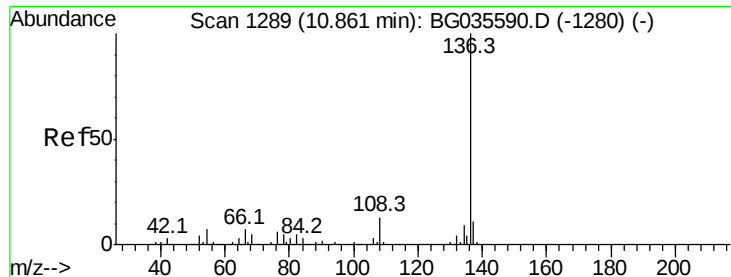


Abundance Ion 94.00 (93.70 to 94.70): BGC

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: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG035975.D

Acq: 30 Jul 2018 14:23

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-D-M

Tot Ion:136 Resp: 139287

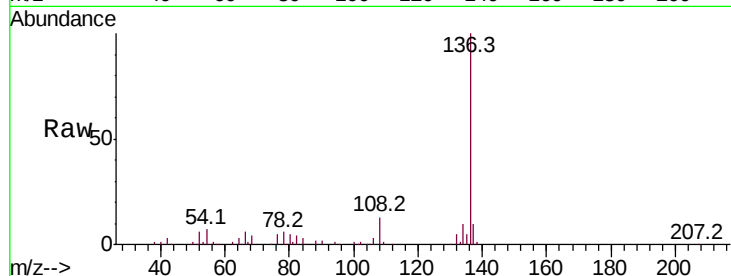
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 7.3 10.3 15.5#

68 3.8 4.5 6.7#

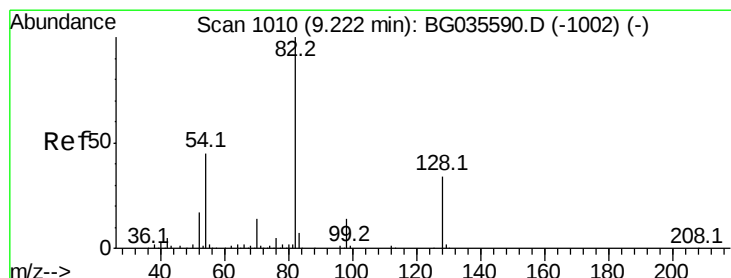
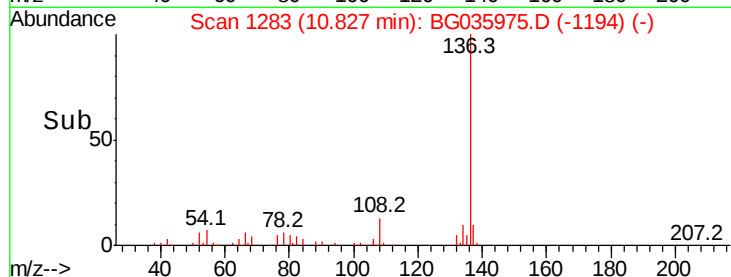
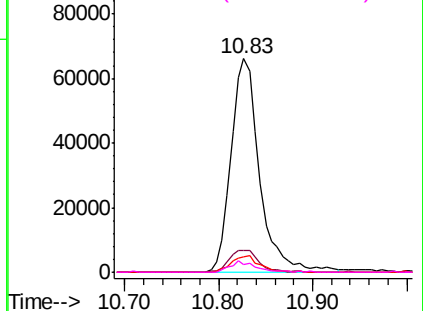


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.754 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG035975.D

Acq: 30 Jul 2018 14:23

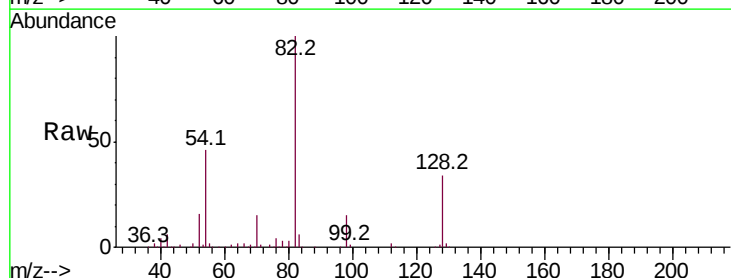
Tgt Ion: 82 Resp: 302595

Ion Ratio Lower Upper

82 100

128 34.0 29.7 44.5

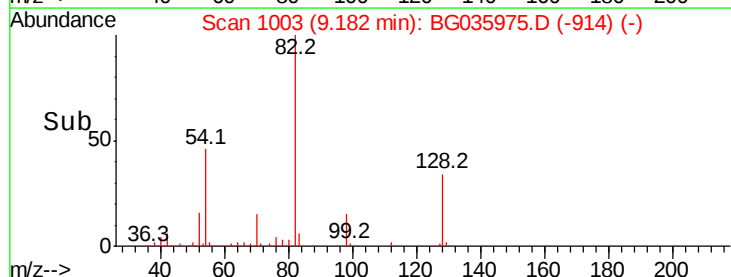
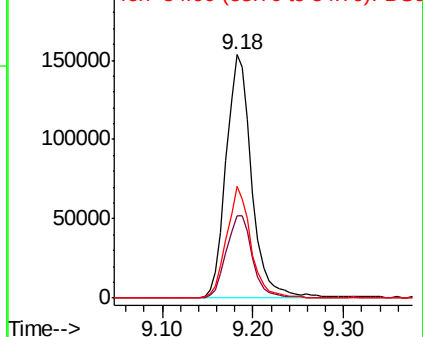
54 45.7 43.1 64.7

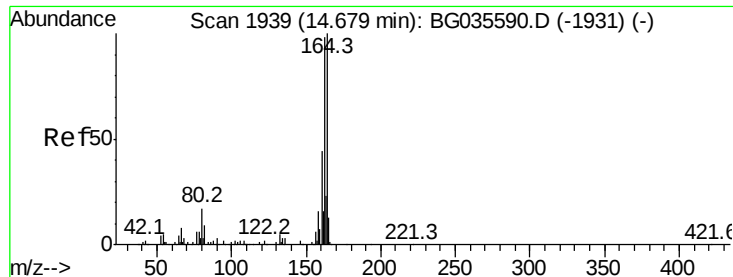


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG035975.D

Acq: 30 Jul 2018 14:23

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-D-M

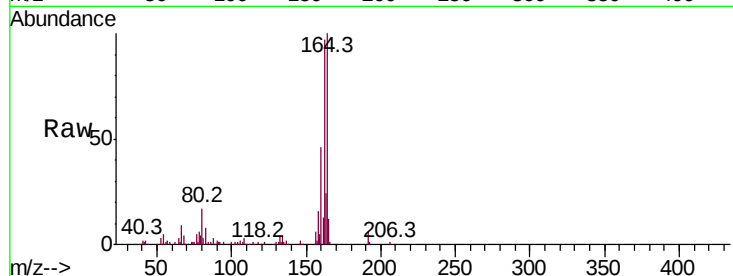
Tot Ion:164 Resp: 108580

Ion Ratio Lower Upper

164 100

162 97.1 78.8 118.2

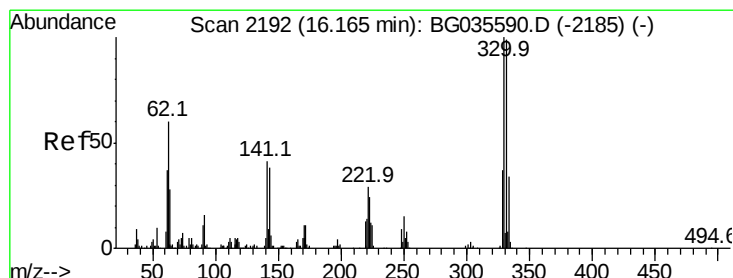
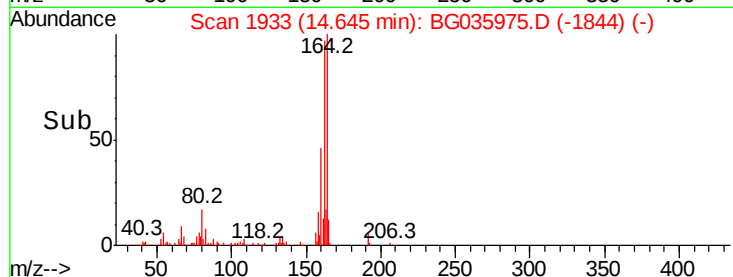
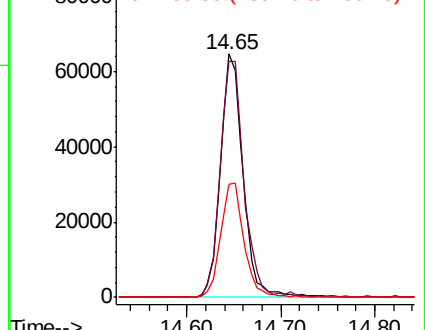
160 46.3 35.4 53.0



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: 98.763 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035975.D

Acq: 30 Jul 2018 14:23

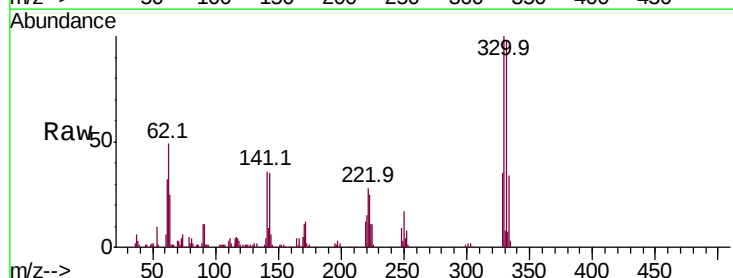
Tgt Ion:330 Resp: 141345

Ion Ratio Lower Upper

330 100

332 92.4 77.0 115.6

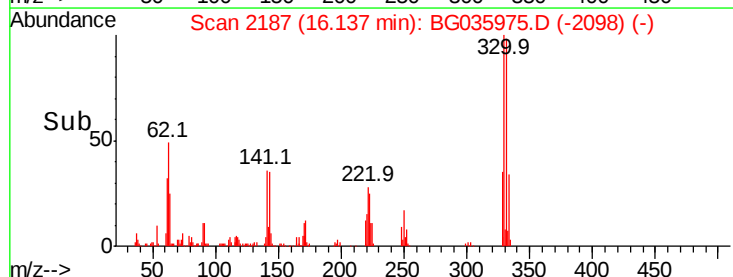
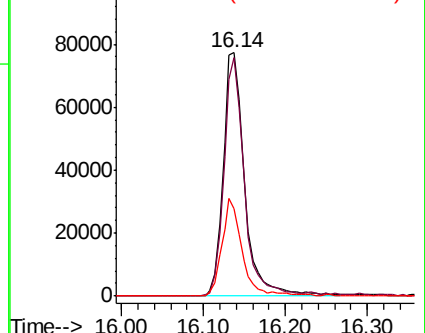
141 37.8 25.2 37.8

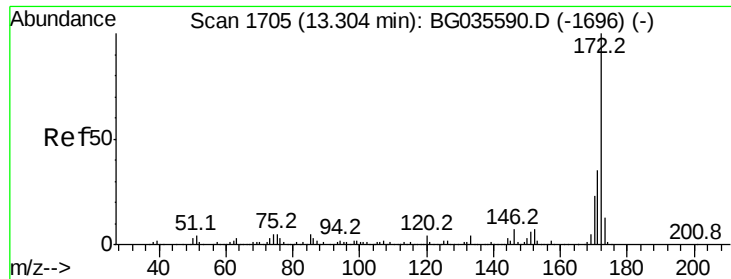


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

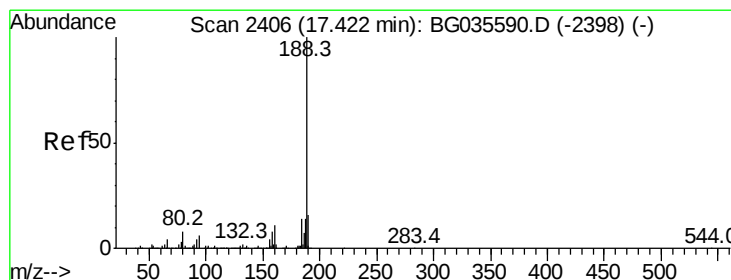
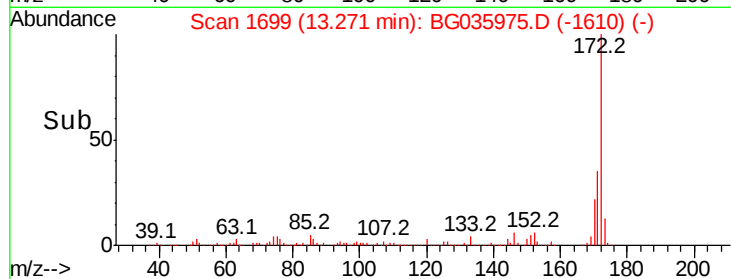
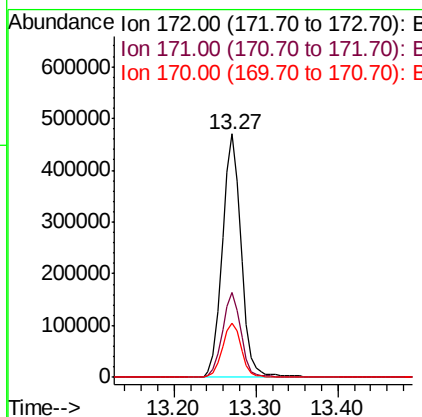
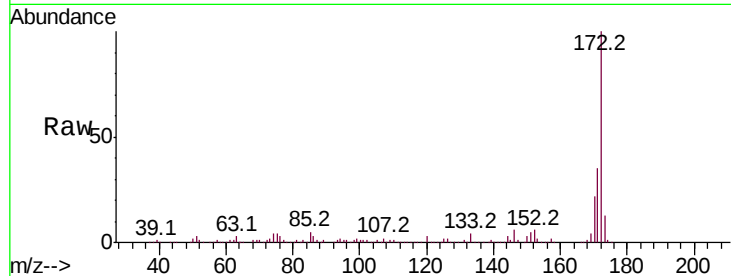




#44
 2-Fluorobiphenyl
 Concen: 92.786 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035975.D
 Acq: 30 Jul 2018 14:23

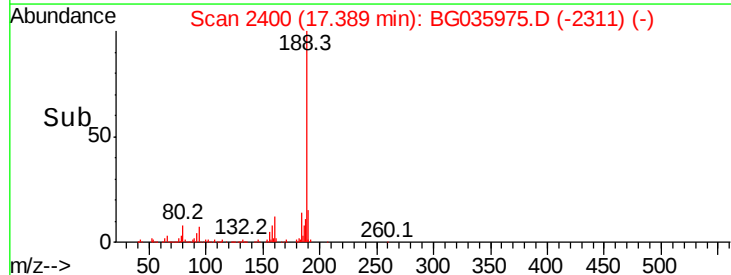
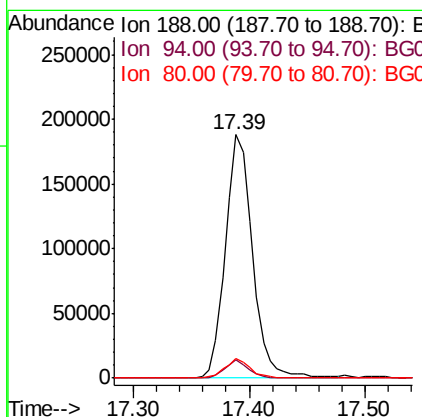
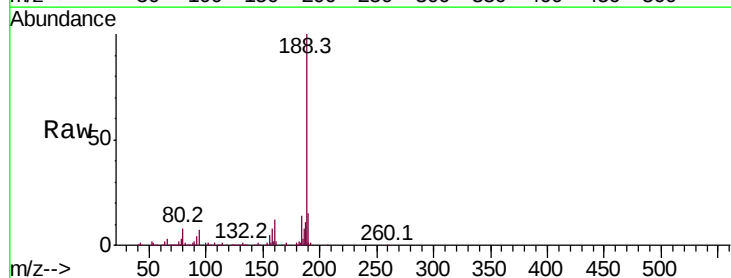
Instrument :
 BNA_G
 ClientSampleId :
 072518-DBRI-E-D-M

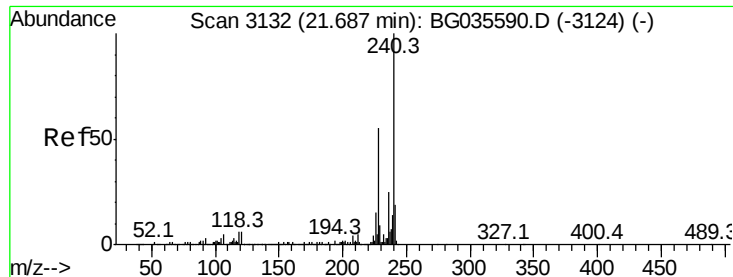
Tot Ion:172 Resp: 751988
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.0 45.0
 170 22.2 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BG035975.D
 Acq: 30 Jul 2018 14:23

Tgt Ion:188 Resp: 306530
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.9 10.3
 80 8.1 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035975.D

Acq: 30 Jul 2018 14:23

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-D-M

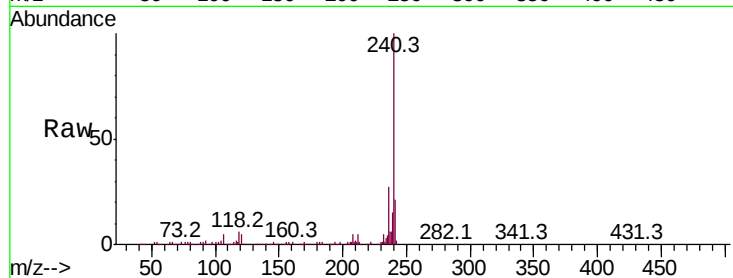
Tot Ion:240 Resp: 316962

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

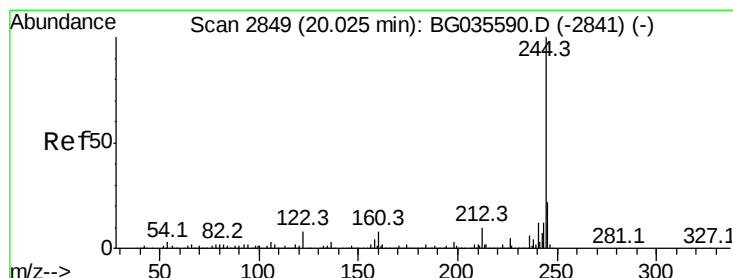
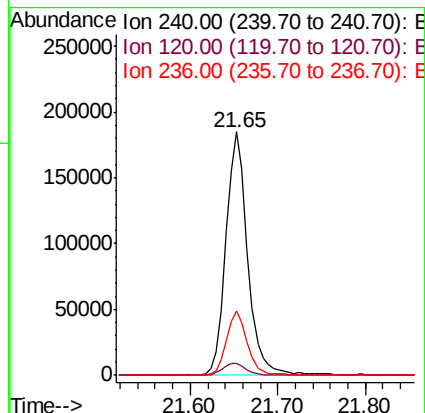
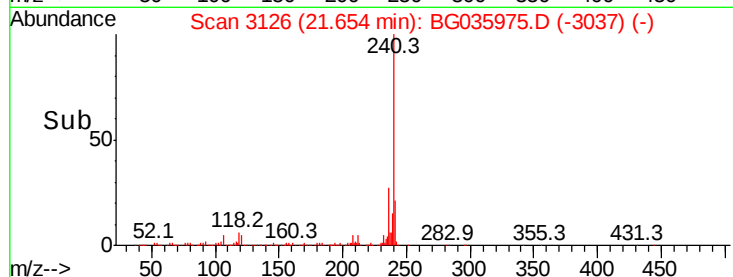
236 26.5 20.9 31.3



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: 88.300 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG035975.D

Acq: 30 Jul 2018 14:23

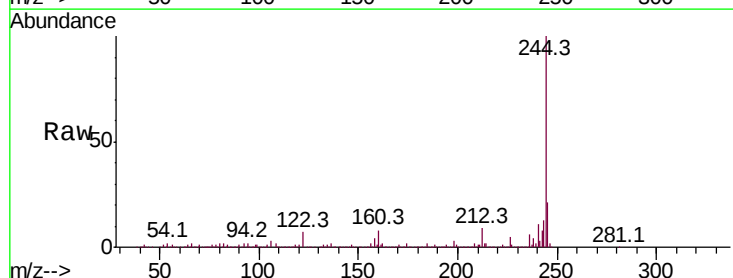
Tgt Ion:244 Resp: 1269683

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

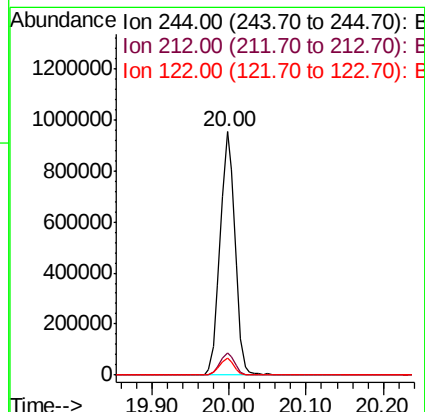
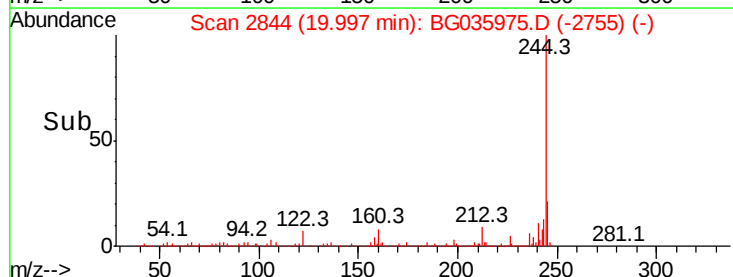
122 6.8 7.0 10.4#

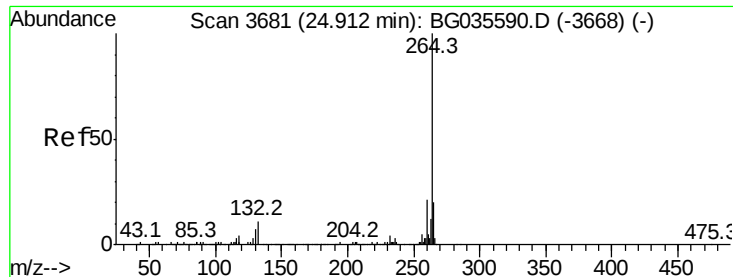


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG035975.D
 Acq: 30 Jul 2018 14:23

Instrument :
 BNA_G
 ClientSampleId :
 072518-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.0	17.4	26.0
265	20.4	17.7	26.5

