

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033472.D
 Acq On : 31 Mar 2018 7:29
 Operator : SJ/JU
 Sample : J2142-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GB-RT-3025

Quant Time: Apr 02 02:02:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	30715	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	125669	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	103942	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	307067	20.00	ng	0.00
75) Chrysene-d12	22.56	240	327985	20.00	ng	0.00
86) Perylene-d12	26.32	264	353030	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	255248	155.83	ng	0.00
7) Phenol-d6	7.98	99	351376	124.85	ng	0.00
23) Nitrobenzene-d5	10.06	82	287936	105.27	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	250339	161.03	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	703229	97.67	ng	0.00
78) Terphenyl-d14	20.73	244	1561398	101.81	ng	0.00

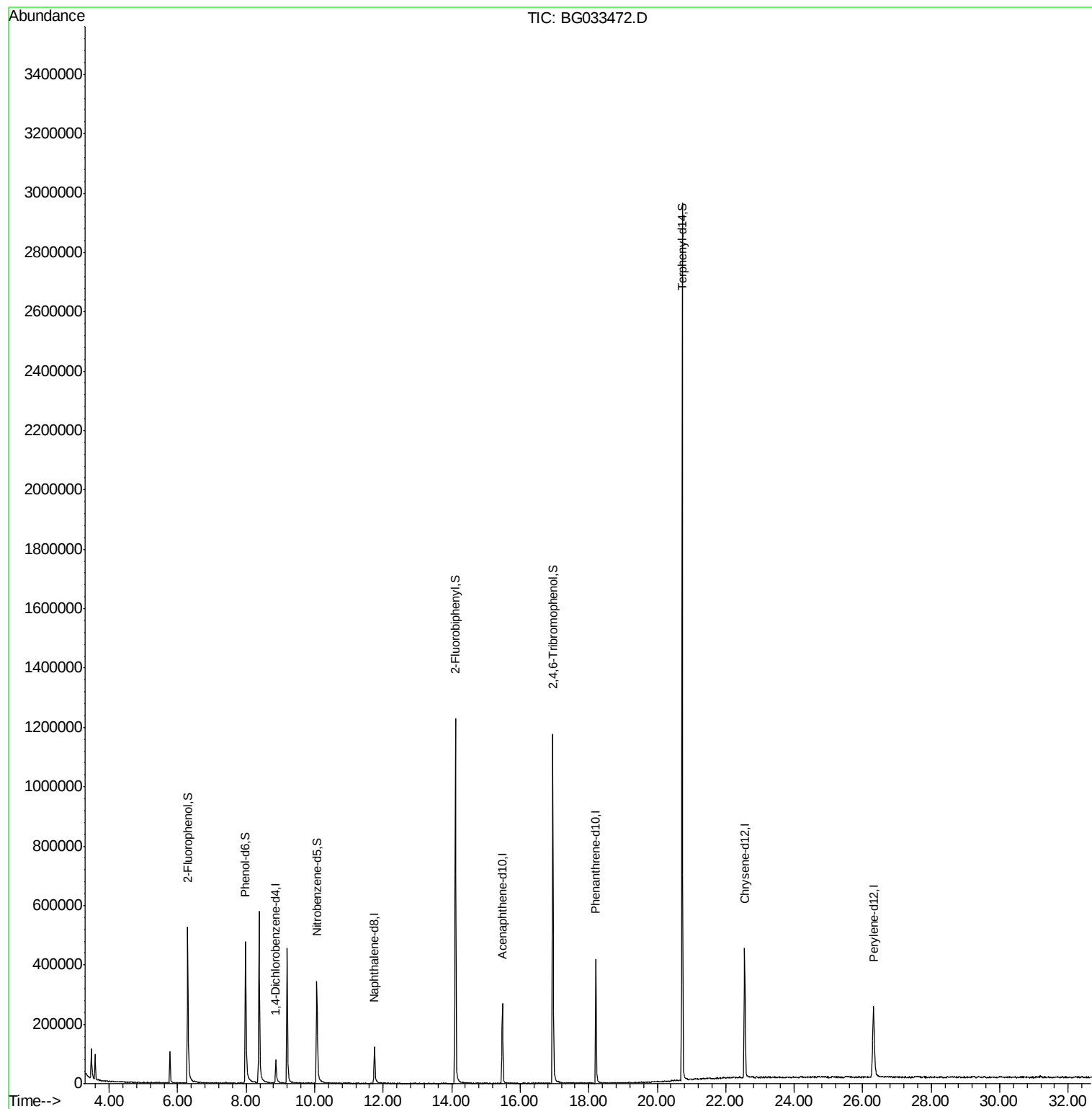
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.87 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG033472.D

Acq: 31 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

GB-RT-3025

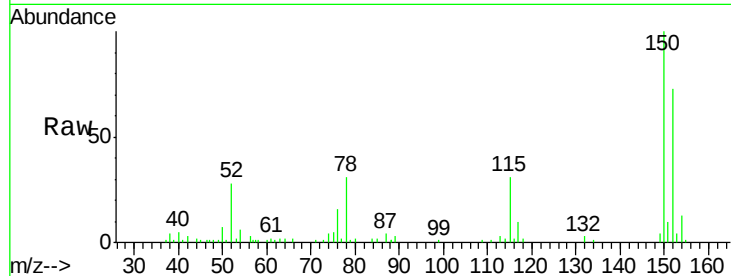
Tot Ion:152 Resp: 30715

Ion Ratio Lower Upper

152 100

150 137.3 126.6 189.8

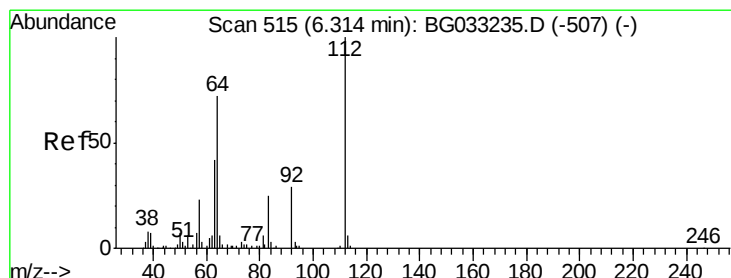
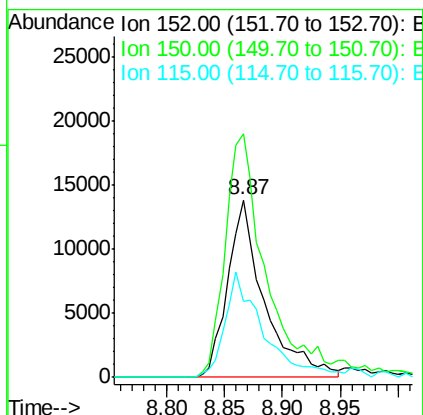
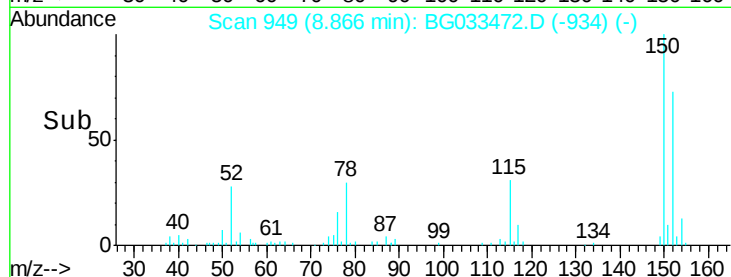
115 42.7 53.0 79.4#



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: 155.826 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.00 min

Lab File: BG033472.D

Acq: 31 Mar 2018 7:29

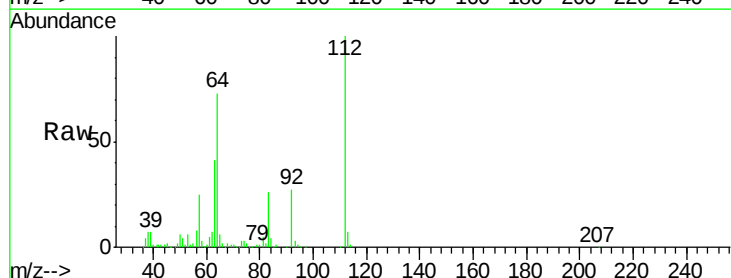
Tgt Ion:112 Resp: 255248

Ion Ratio Lower Upper

112 100

64 73.2 56.3 84.5

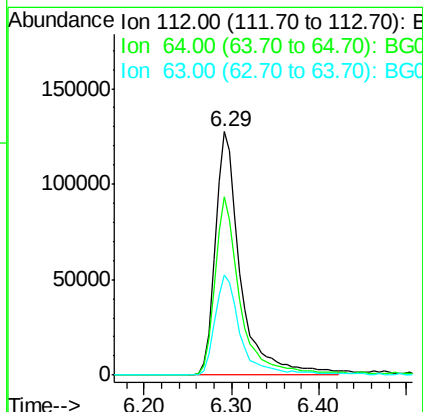
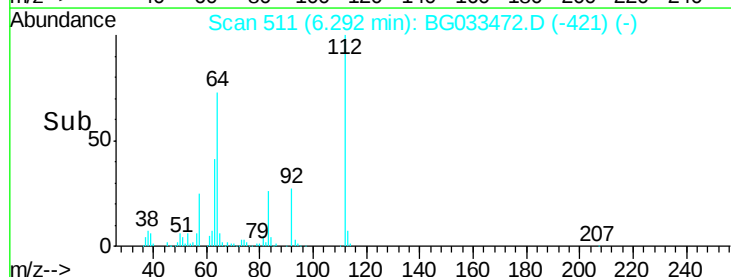
63 41.0 30.1 45.1

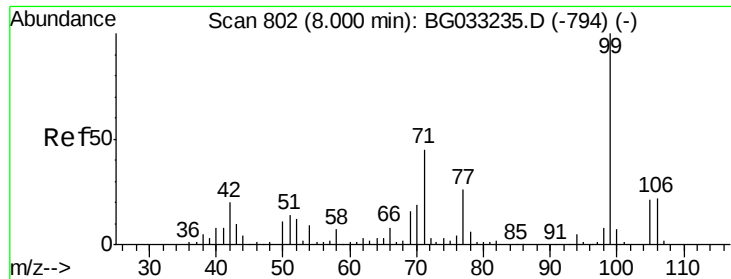


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.846 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033472.D

Acq: 31 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

GB-RT-3025

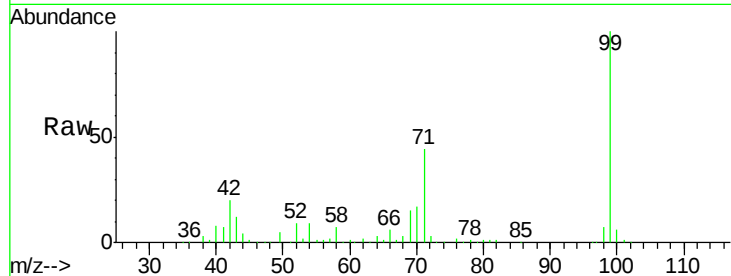
Tot Ion: 99 Resp: 351376

Ion Ratio Lower Upper

99 100

42 20.4 14.1 21.1

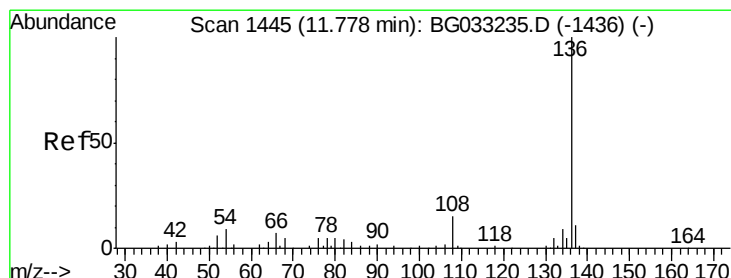
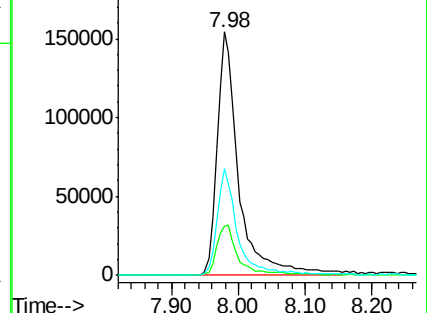
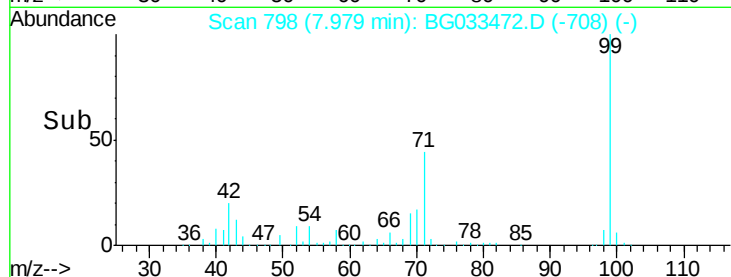
71 43.6 26.1 39.1#



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: 11.74 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033472.D

Acq: 31 Mar 2018 7:29

Tgt Ion: 136 Resp: 125669

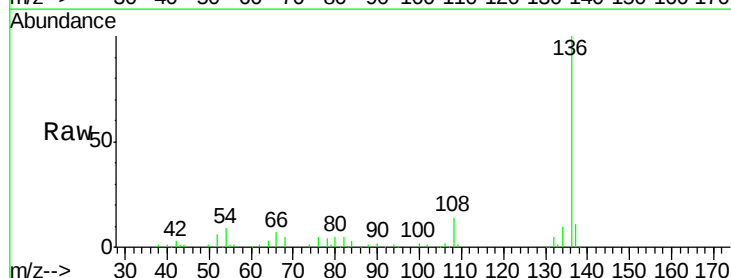
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 9.3 10.3 15.5#

68 5.1 4.5 6.7

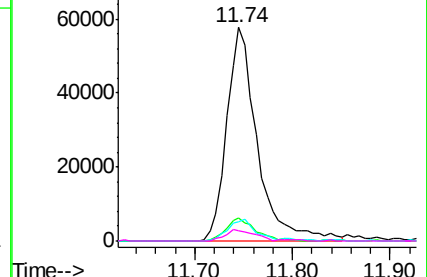
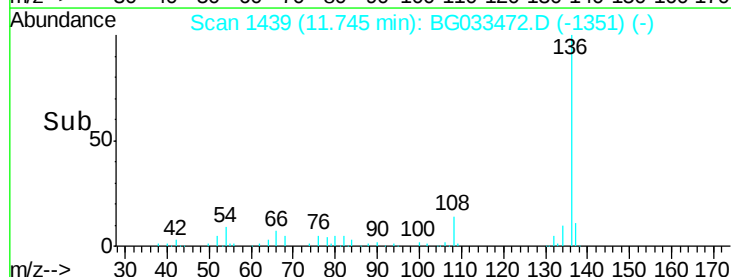


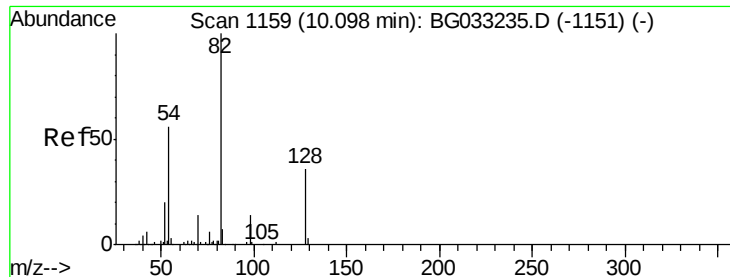
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 105.268 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033472.D

Acq: 31 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

GB-RT-3025

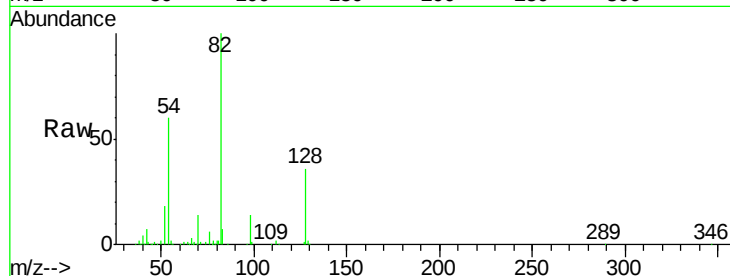
Tot Ion: 82 Resp: 287936

Ion Ratio Lower Upper

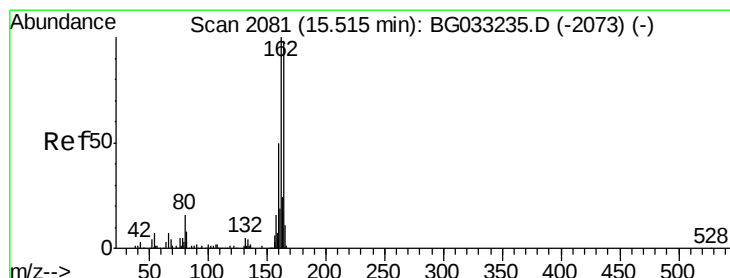
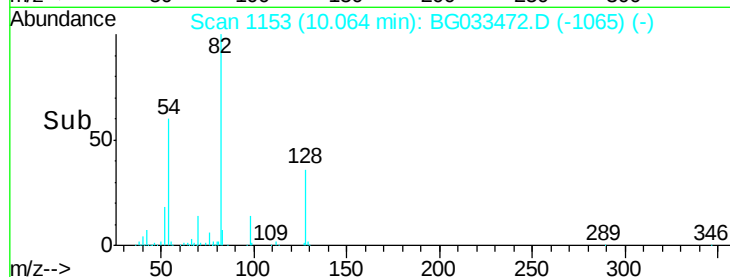
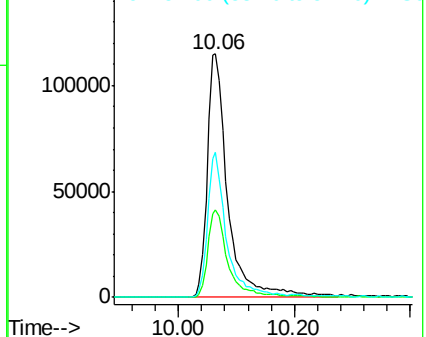
82 100

128 36.0 29.7 44.5

54 59.6 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033472.D

Acq: 31 Mar 2018 7:29

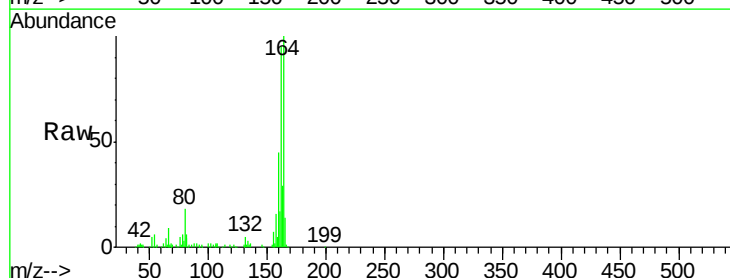
Tgt Ion: 164 Resp: 103942

Ion Ratio Lower Upper

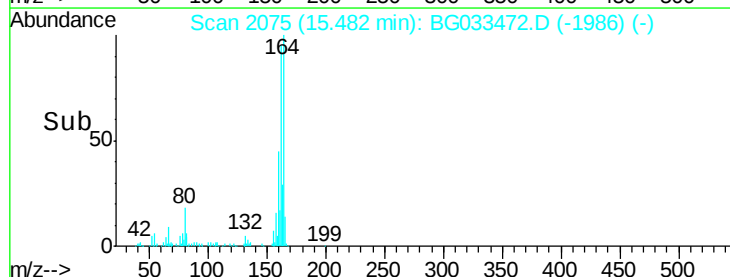
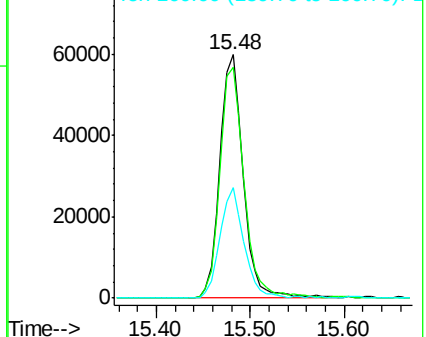
164 100

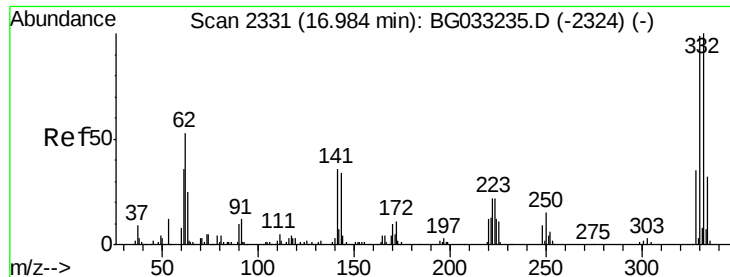
162 94.6 78.8 118.2

160 45.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

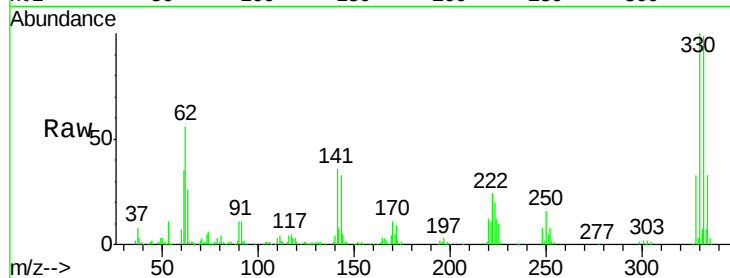




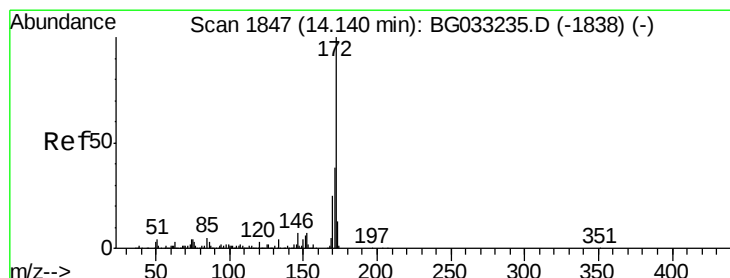
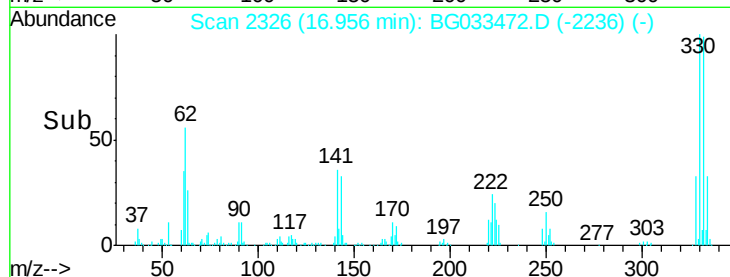
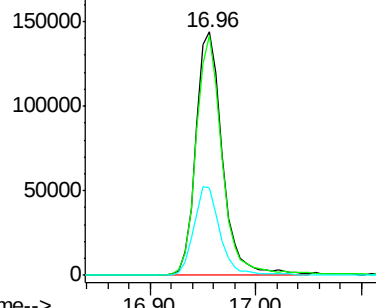
#41
 2,4,6-Tribromophenol
 Concen: 161.034 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033472.D
 Acq: 31 Mar 2018 7:29

Instrument :
 BNA_G
 ClientSampleId :
 GB-RT-3025

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	36.2	25.2	37.8

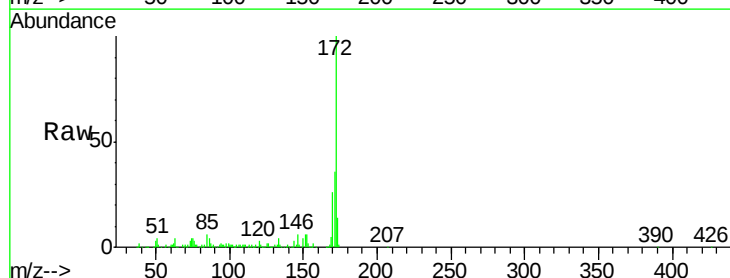


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

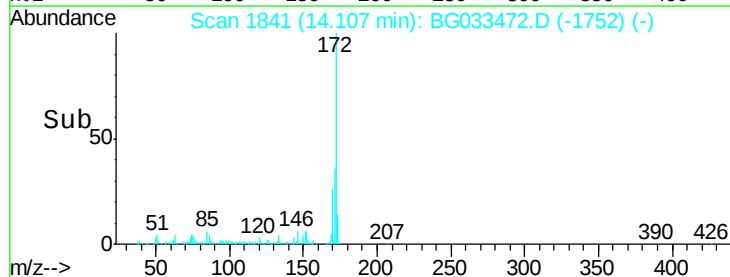
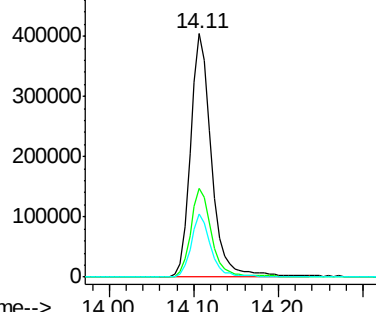


#44
 2-Fluorobiphenyl
 Concen: 97.670 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033472.D
 Acq: 31 Mar 2018 7:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	25.9	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: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033472.D

Acq: 31 Mar 2018 7:29

Instrument :

BNA_G

ClientSampleId :

GB-RT-3025

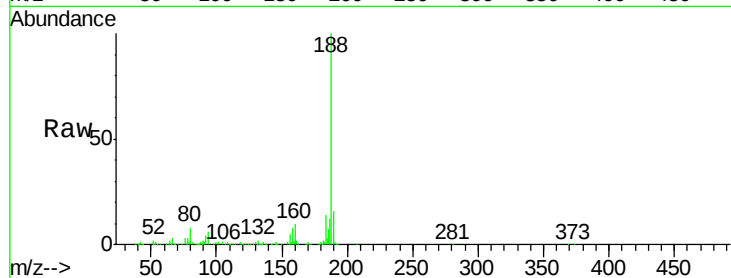
Tot Ion:188 Resp: 307067

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

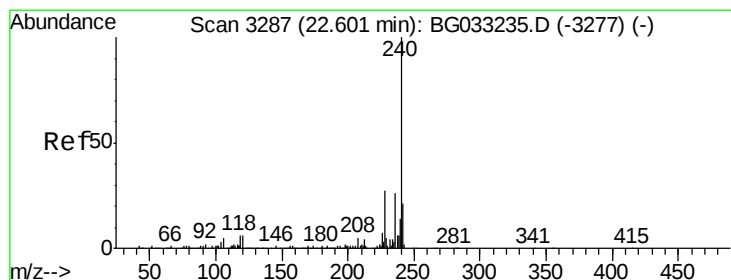
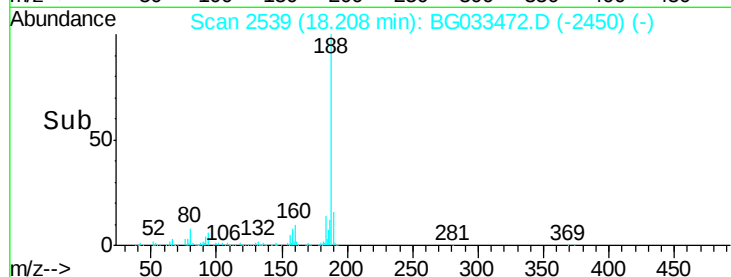
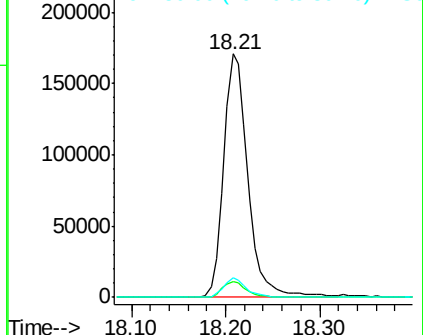
80 7.9 7.7 11.5



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: 22.56 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033472.D

Acq: 31 Mar 2018 7:29

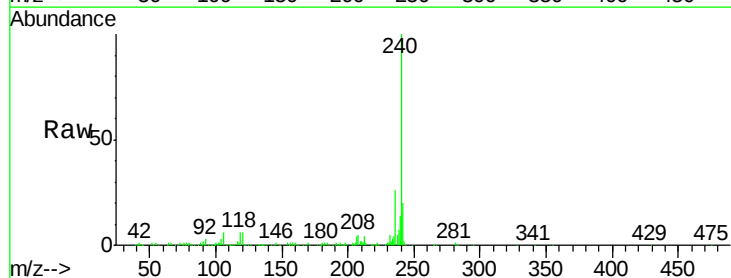
Tgt Ion:240 Resp: 327985

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

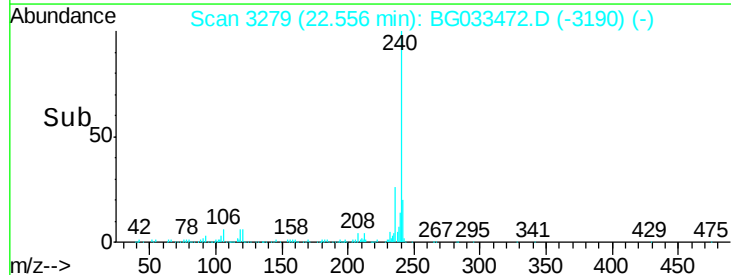
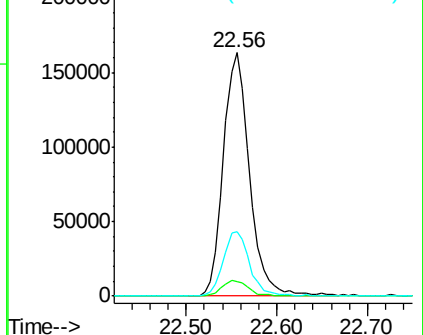
236 26.2 20.9 31.3

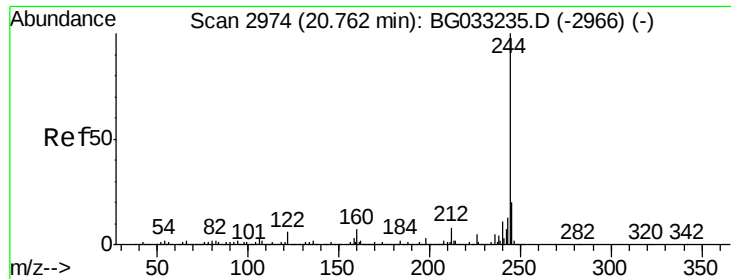


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.810 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033472.D

Acq: 31 Mar 2018 7:29

Instrument :

BNA_G

ClientSampled :

GB-RT-3025

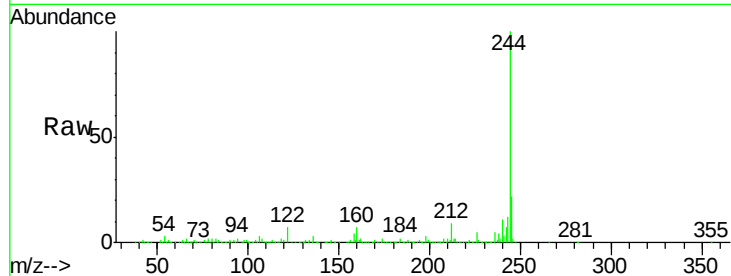
Tot Ion:244 Resp: 1561398

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

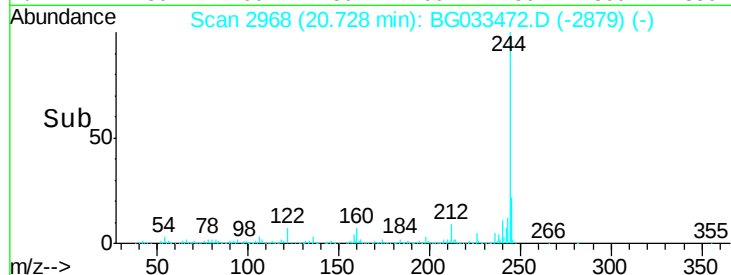
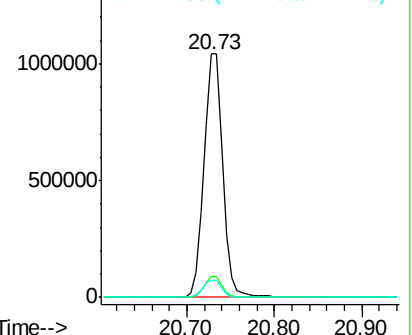
122 7.2 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3919

Delta R.T. -0.02 min

Lab File: BG033472.D

Acq: 31 Mar 2018 7:29

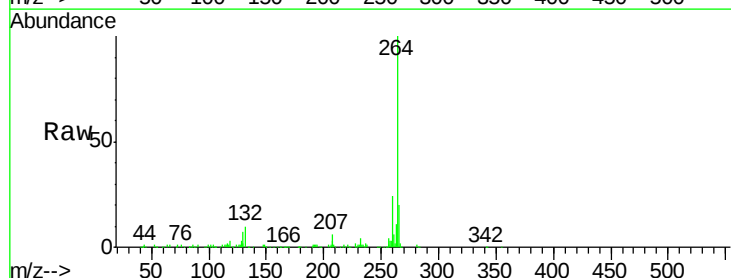
Tgt Ion:264 Resp: 353030

Ion Ratio Lower Upper

264 100

260 23.8 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

