

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029323.D
 Acq On : 18 Oct 2017 7:56
 Operator : SJ/JU
 Sample : I5868-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101117-TIDO-E-U-M

Quant Time: Oct 18 15:44:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	67459	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	335693	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	223367	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	517287	20.00	ng	0.00
75) Chrysene-d12	21.79	240	543480	20.00	ng	-0.01
86) Perylene-d12	25.10	264	546037	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	193536	47.93	ng	0.00
7) Phenol-d6	7.32	99	171395	30.24	ng	0.00
23) Nitrobenzene-d5	9.34	82	521514	98.72	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	220305	76.39	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1416970	93.04	ng	0.00
78) Terphenyl-d14	20.12	244	2178871	91.20	ng	0.00

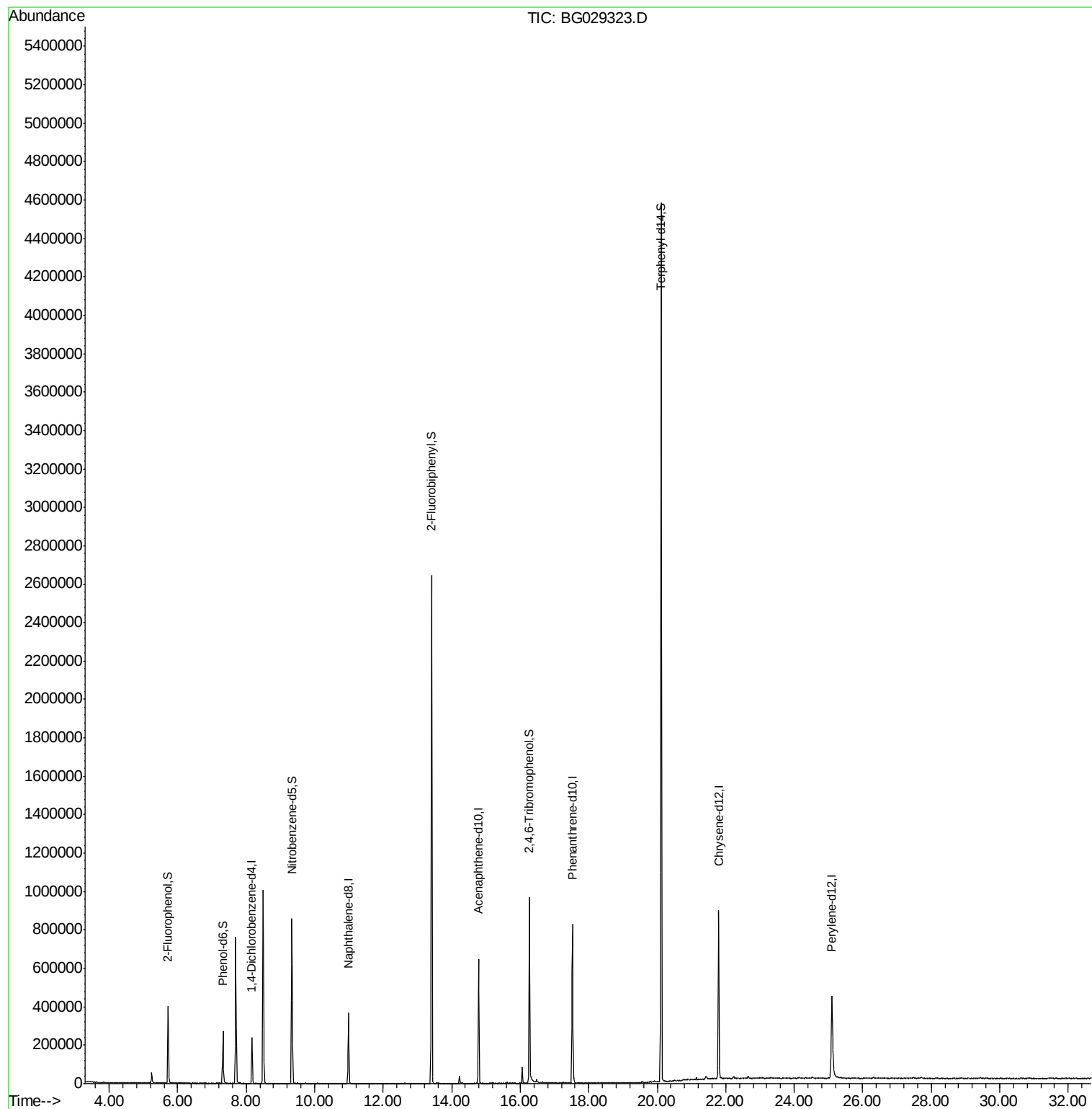
Target Compounds Qvalue

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

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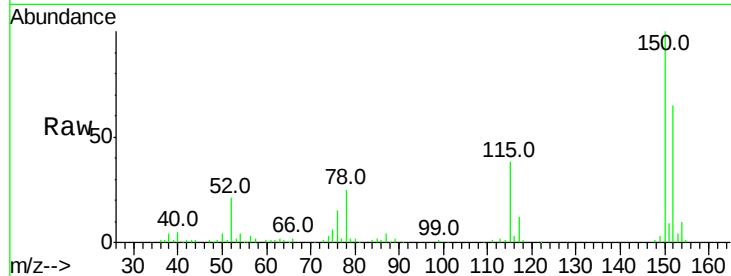


#1

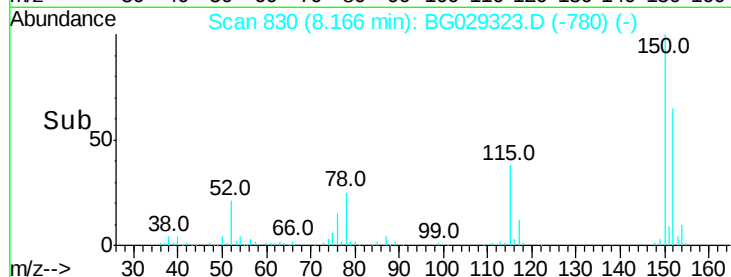
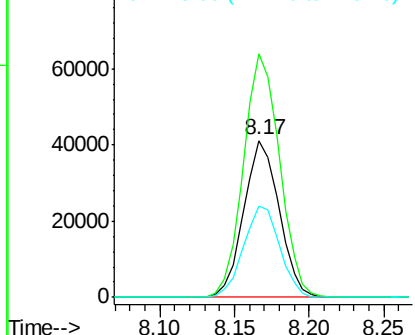
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029323.D
Acq: 18 Oct 2017 7:56

Instrument :
BNA_G
ClientSampleId :
101117-TIDO-E-U-M

Tot Ion:152 Resp: 67459
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 58.3 53.0 79.4



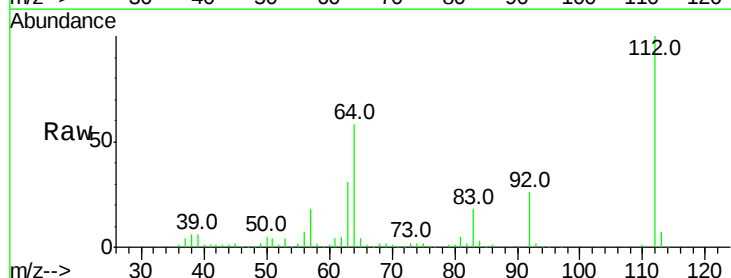
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



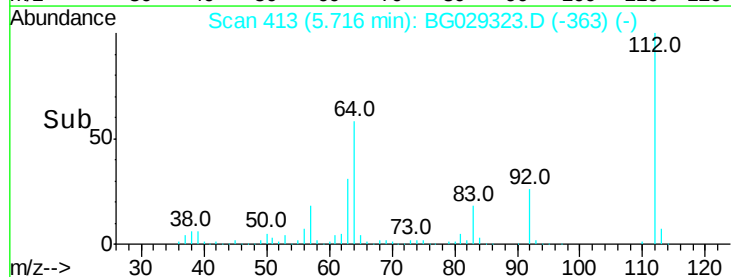
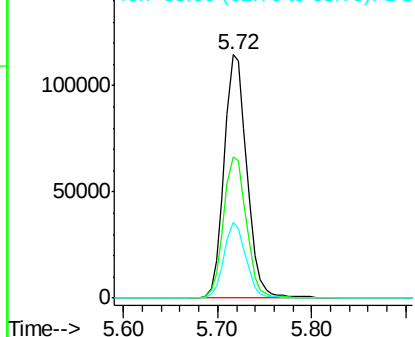
#5

2-Fluorophenol
Concen: 47.927 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029323.D
Acq: 18 Oct 2017 7:56

Tgt Ion:112 Resp: 193536
Ion Ratio Lower Upper
112 100
64 58.3 56.3 84.5
63 31.1 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: 30.238 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029323.D

Acq: 18 Oct 2017 7:56

Instrument :

BNA_G

ClientSampleId :

101117-TIDO-E-U-M

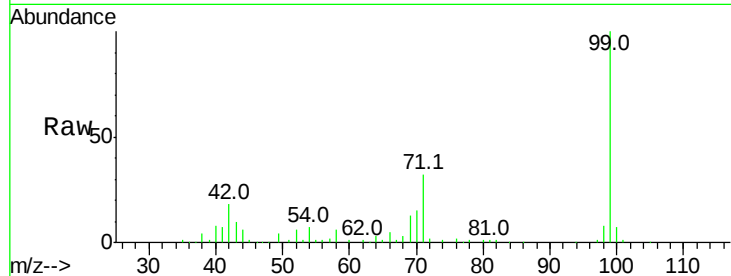
Tot Ion: 99 Resp: 171395

Ion Ratio Lower Upper

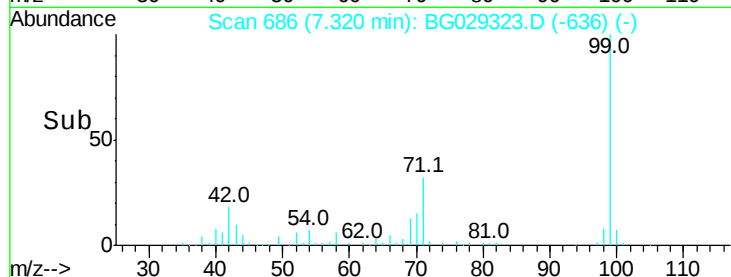
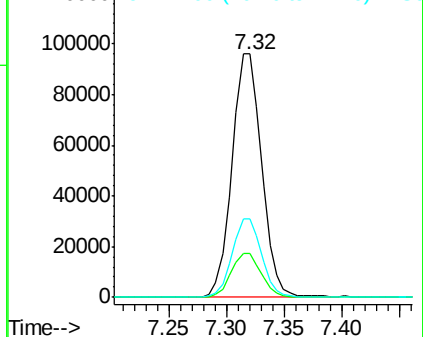
99 100

42 17.9 14.1 21.1

71 32.3 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: 10.99 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG029323.D

Acq: 18 Oct 2017 7:56

Tgt Ion: 136 Resp: 335693

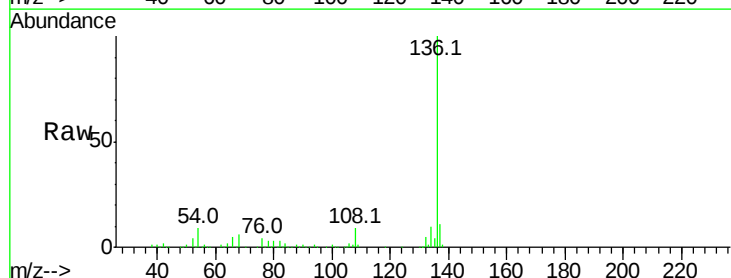
Ion Ratio Lower Upper

136 100

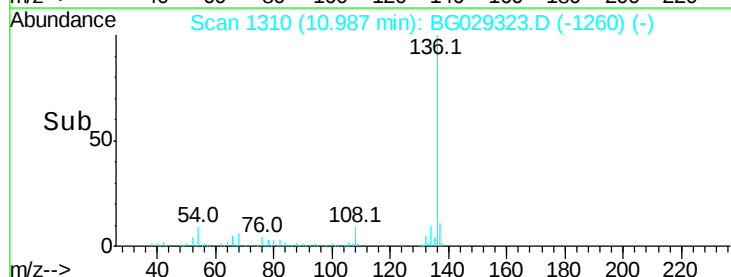
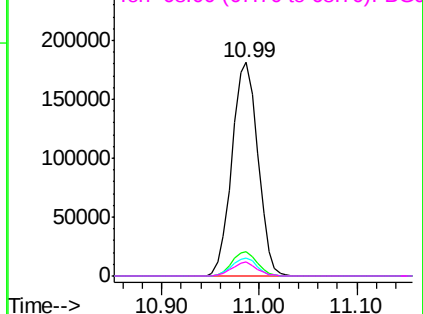
137 11.2 9.2 13.8

54 8.6 10.3 15.5#

68 6.4 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

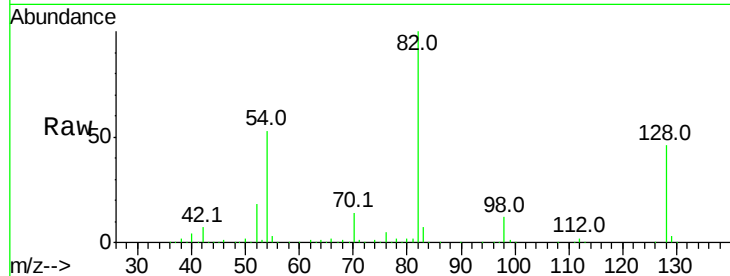




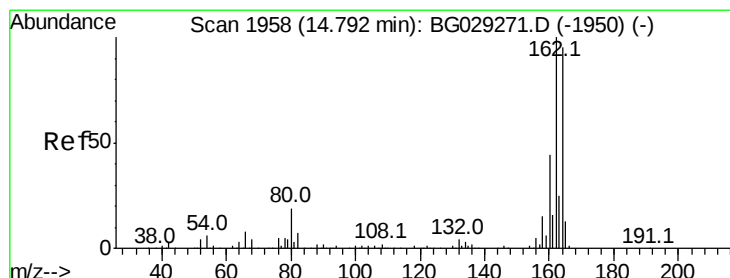
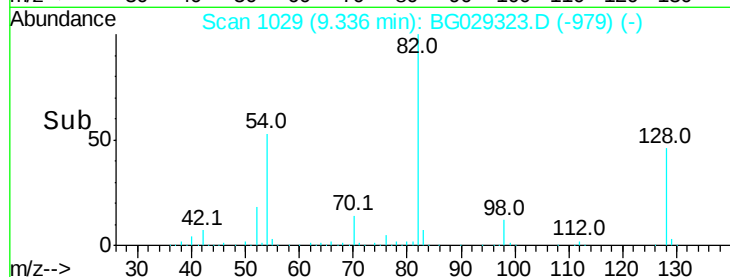
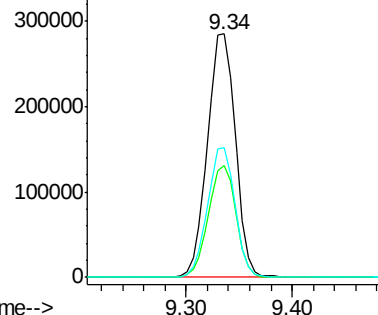
#23
Nitrobenzene-d5
Concen: 98.723 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG029323.D
Acq: 18 Oct 2017 7:56

Instrument :
BNA_G
ClientSampleId :
101117-TIDO-E-U-M

Tot Ion: 82 Resp: 521514
Ion Ratio Lower Upper
82 100
128 46.0 29.7 44.5#
54 53.1 43.1 64.7

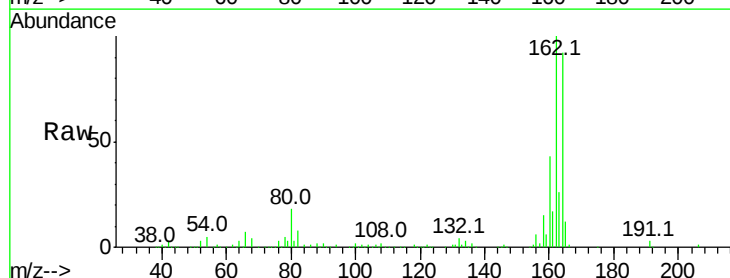


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

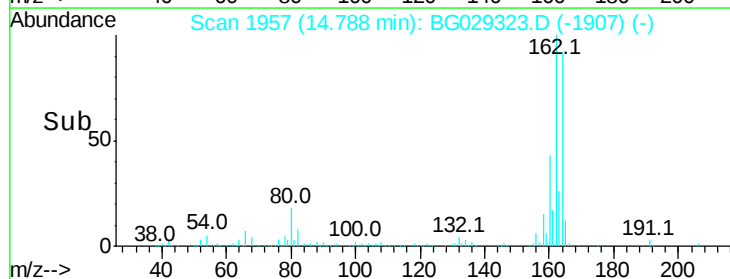
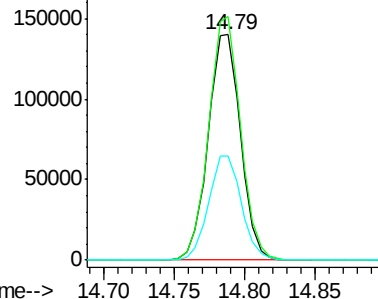


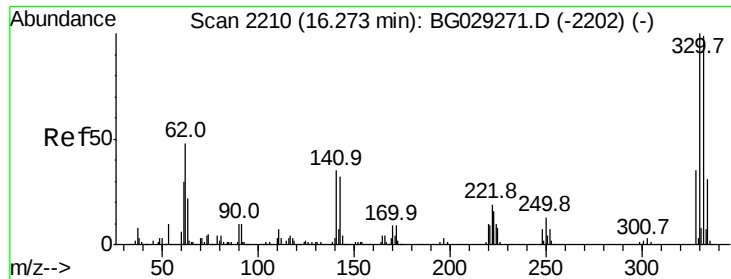
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG029323.D
Acq: 18 Oct 2017 7:56

Tgt Ion:164 Resp: 223367
Ion Ratio Lower Upper
164 100
162 108.1 78.8 118.2
160 46.5 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

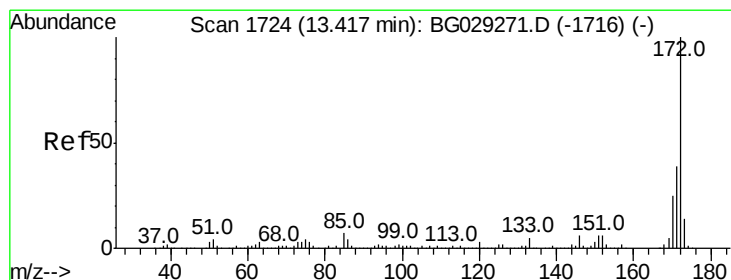
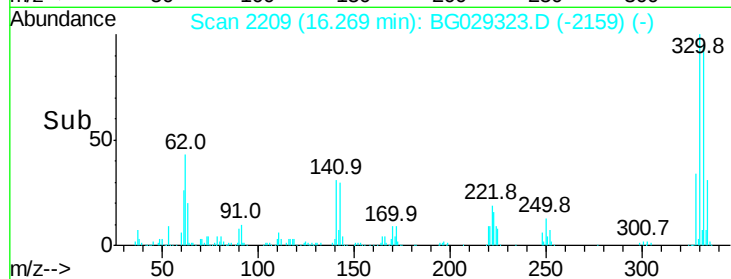
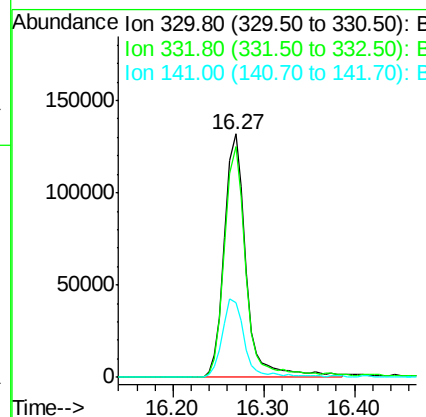
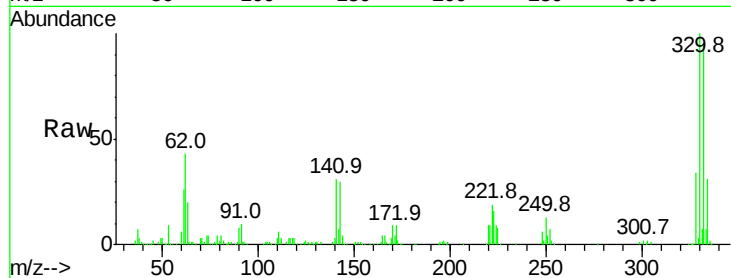




#41
 2,4,6-Tribromophenol
 Concen: 76.391 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG029323.D
 Acq: 18 Oct 2017 7:56

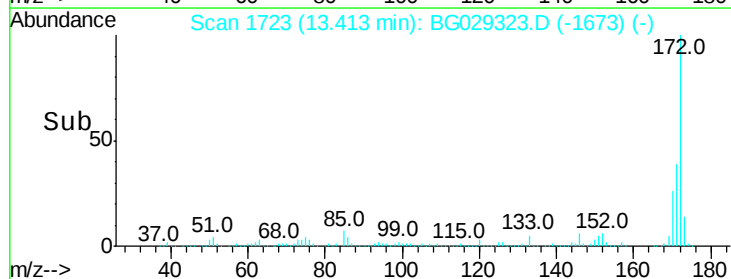
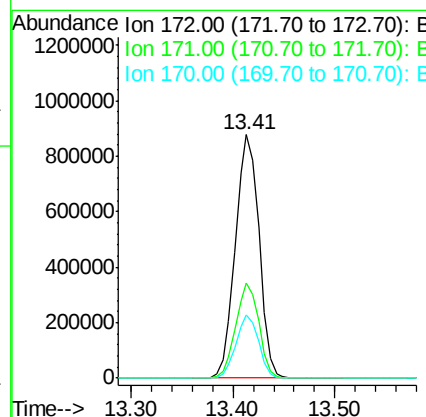
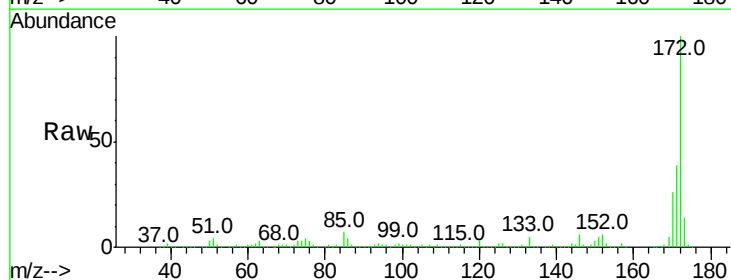
Instrument :
 BNA_G
 ClientSampleId :
 101117-TIDO-E-U-M

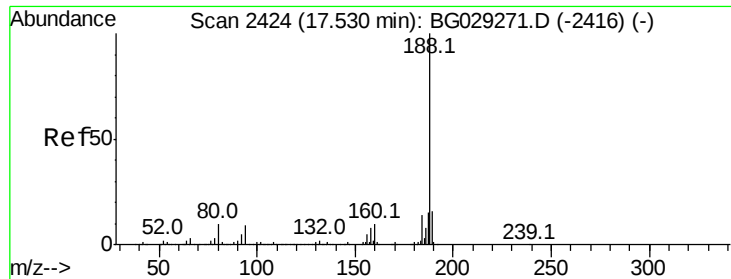
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	32.9	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 93.040 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029323.D
 Acq: 18 Oct 2017 7:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.7	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BG029323.D

Acq: 18 Oct 2017 7:56

Instrument :

BNA_G

ClientSampleId :

101117-TIDO-E-U-M

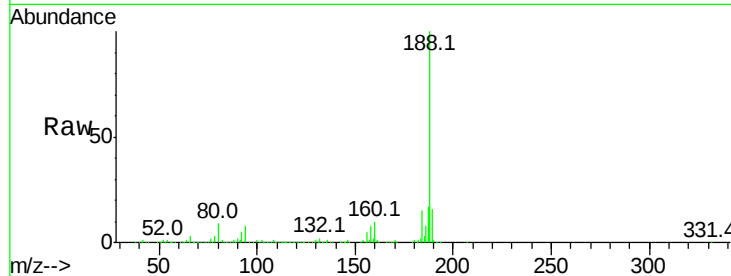
Tot Ion:188 Resp: 517287

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

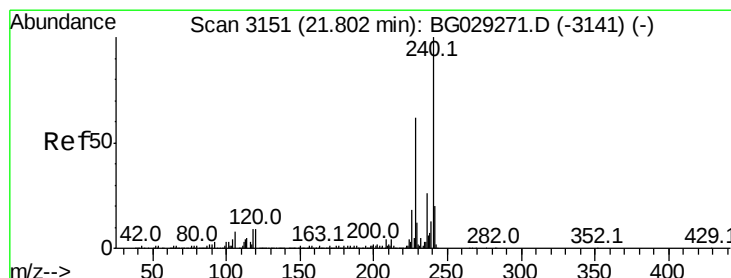
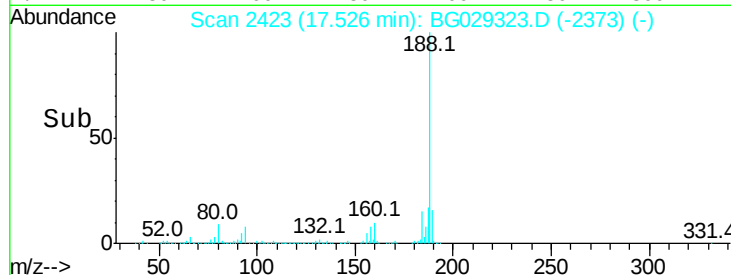
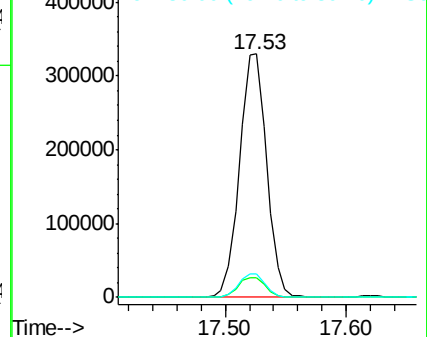
80 9.4 7.7 11.5



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: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029323.D

Acq: 18 Oct 2017 7:56

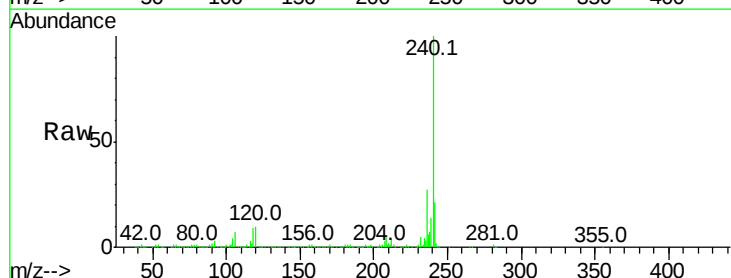
Tgt Ion:240 Resp: 543480

Ion Ratio Lower Upper

240 100

120 10.1 6.8 10.2

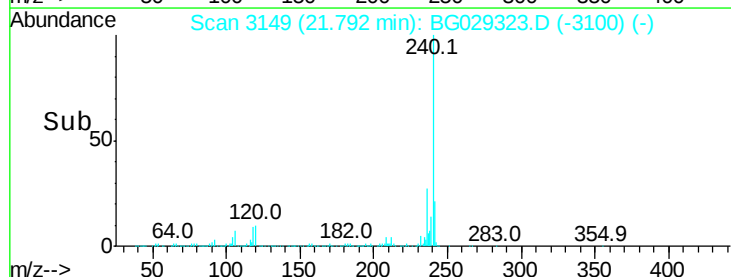
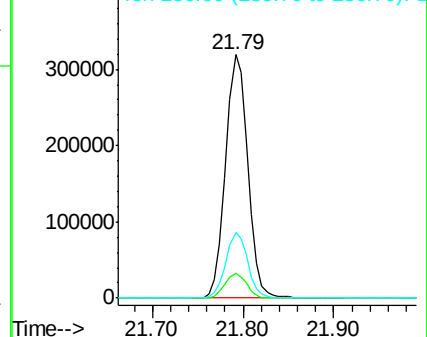
236 27.1 20.9 31.3



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: 91.204 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG029323.D

Acq: 18 Oct 2017 7:56

Instrument :

BNA_G

ClientSampleId :

101117-TIDO-E-U-M

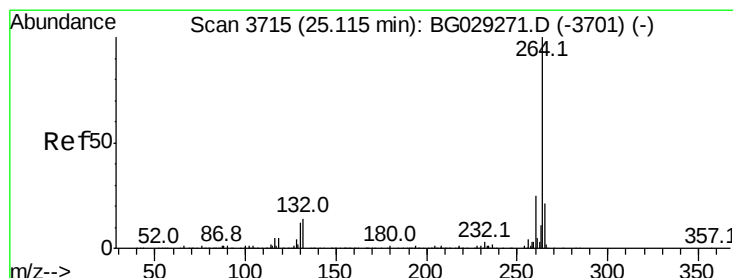
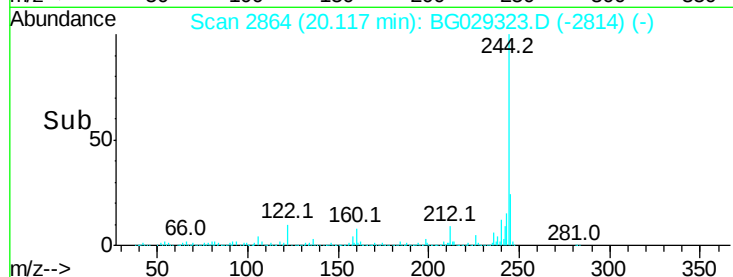
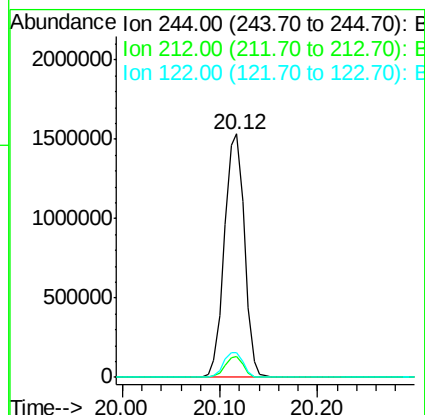
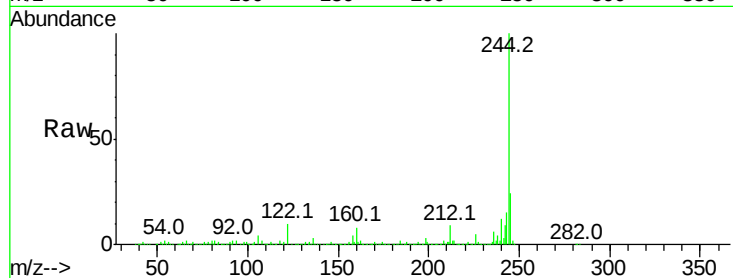
Tot Ion:244 Resp: 2178871

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

122 10.2 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG029323.D

Acq: 18 Oct 2017 7:56

Tgt Ion:264 Resp: 546037

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 22.6 17.7 26.5

