

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
 Data File : BG029412.D
 Acq On : 23 Oct 2017 23:31
 Operator : SJ/JU
 Sample : I6064-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-4248-COMP

Quant Time: Oct 24 05:55:00 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	63172	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	271066	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	183157	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	478654	20.00	ng	0.00
75) Chrysene-d12	21.79	240	566575	20.00	ng	0.00
86) Perylene-d12	25.10	264	549469	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	464672	122.88	ng	0.00
7) Phenol-d6	7.32	99	554747	104.51	ng	0.00
23) Nitrobenzene-d5	9.33	82	387810	90.92	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	324396	137.18	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1039729	83.26	ng	0.00
78) Terphenyl-d14	20.11	244	1925480	77.31	ng	0.00

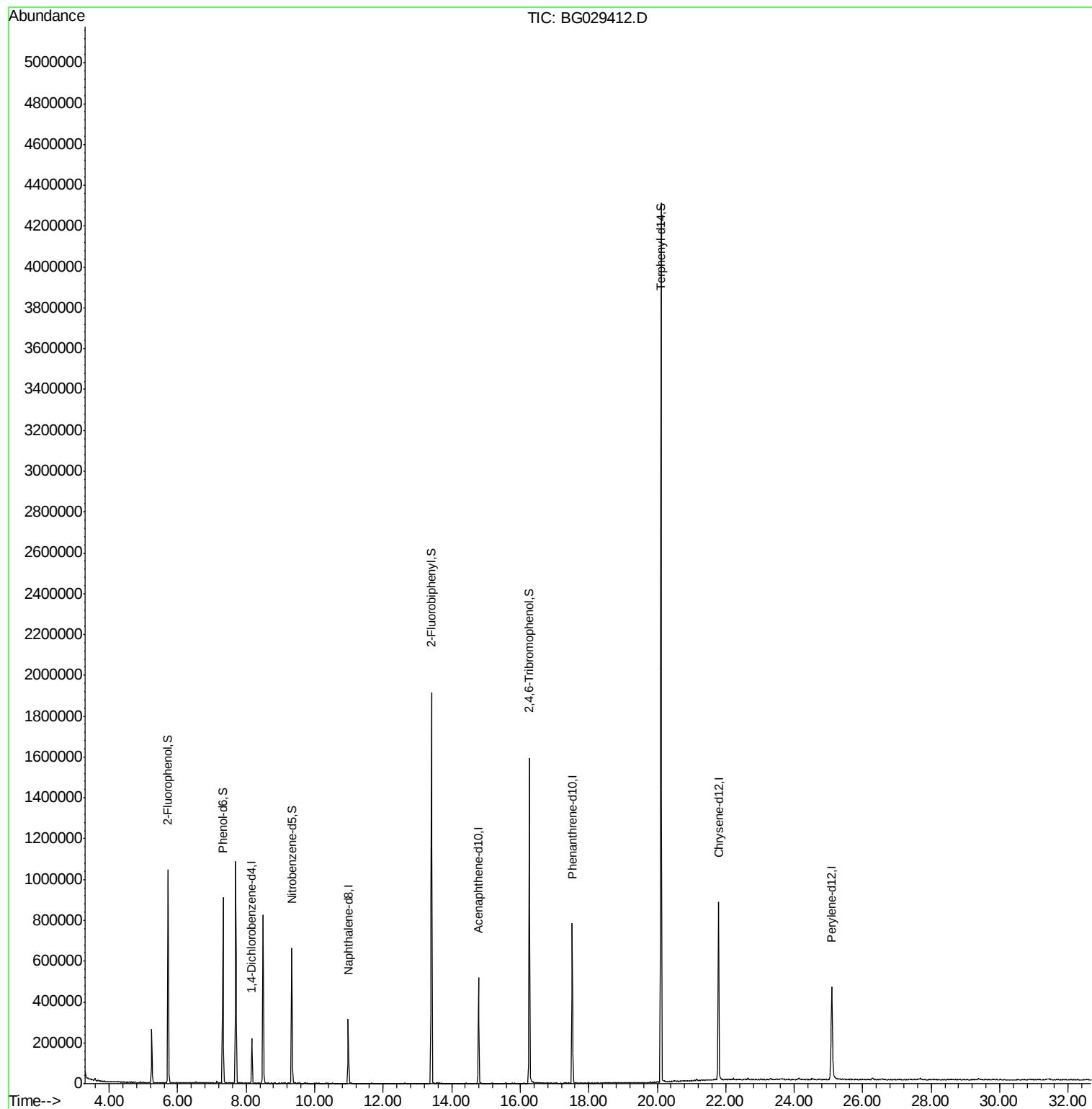
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
Data File : BG029412.D
Acq On : 23 Oct 2017 23:31
Operator : SJ/JU
Sample : I6064-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-4248-COMP

Quant Time: Oct 24 05:55:00 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



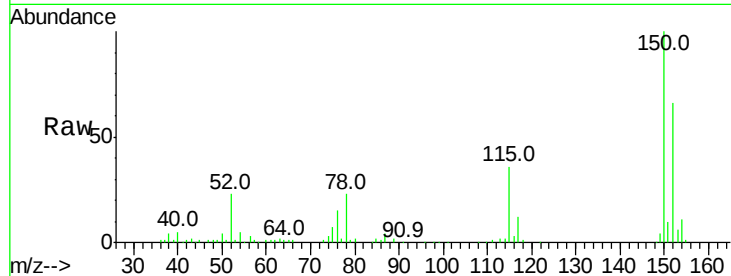


#1

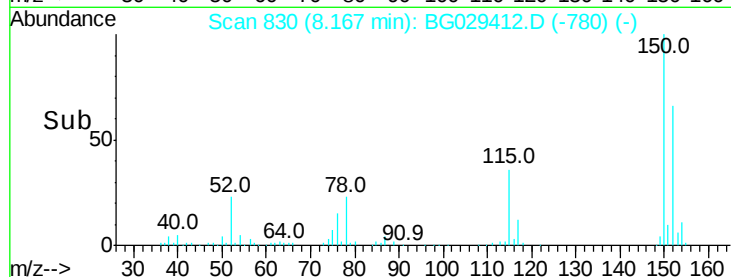
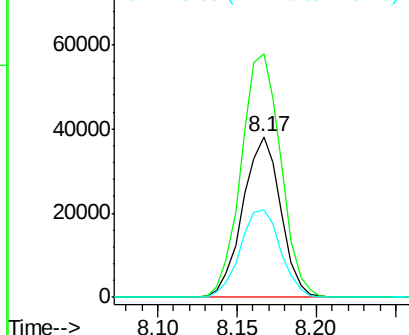
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029412.D
Acq: 23 Oct 2017 23:31

Instrument :
BNA_G
ClientSampleId :
RT-4248-COMP

Tot Ion:152 Resp: 63172
Ion Ratio Lower Upper
152 100
150 151.6 126.6 189.8
115 54.8 53.0 79.4



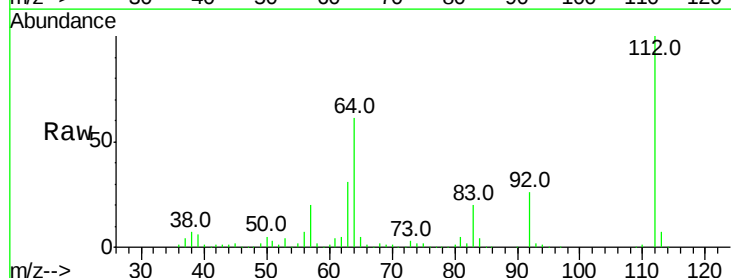
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



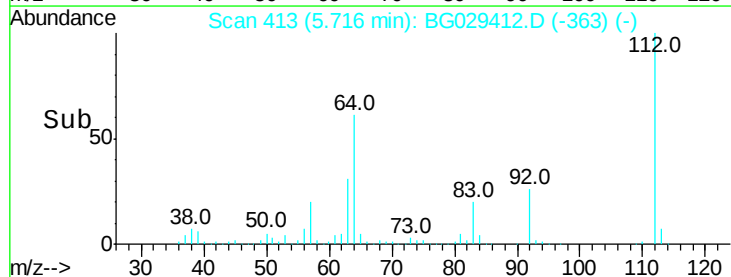
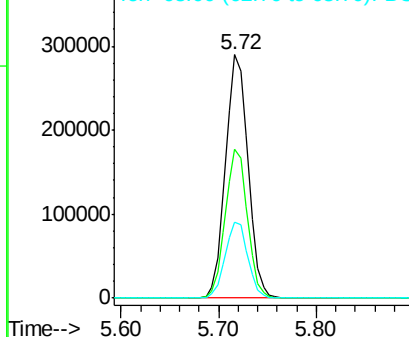
#5

2-Fluorophenol
Concen: 122.880 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029412.D
Acq: 23 Oct 2017 23:31

Tgt Ion:112 Resp: 464672
Ion Ratio Lower Upper
112 100
64 61.3 56.3 84.5
63 31.2 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: 104.513 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029412.D

Acq: 23 Oct 2017 23:31

Instrument :

BNA_G

ClientSampleId :

RT-4248-COMP

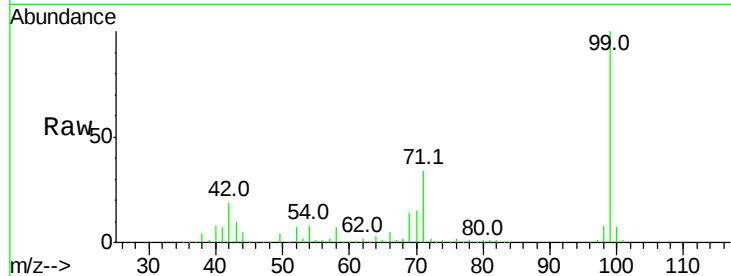
Tot Ion: 99 Resp: 554747

Ion Ratio Lower Upper

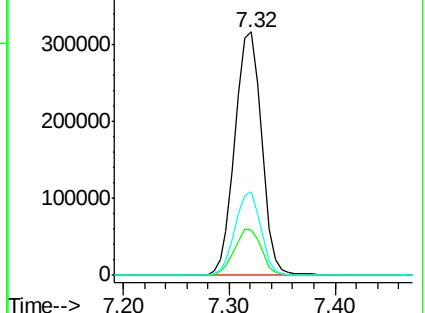
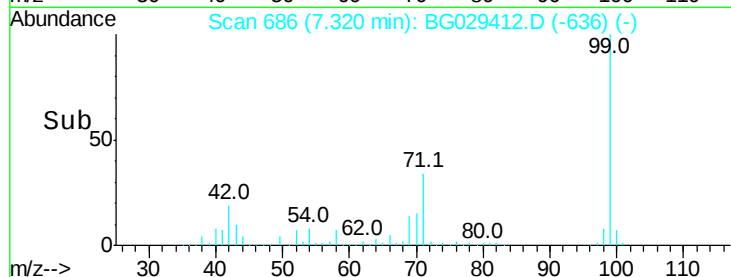
99 100

42 18.7 14.1 21.1

71 34.4 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029412.D

Acq: 23 Oct 2017 23:31

Tgt Ion: 136 Resp: 271066

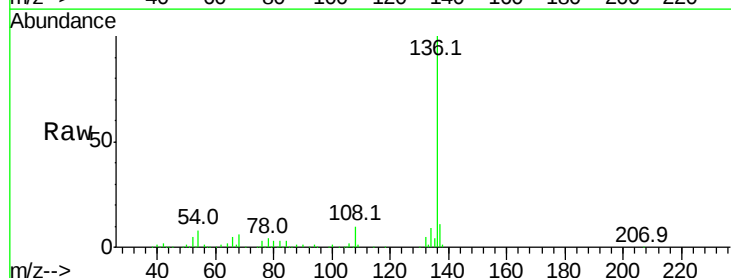
Ion Ratio Lower Upper

136 100

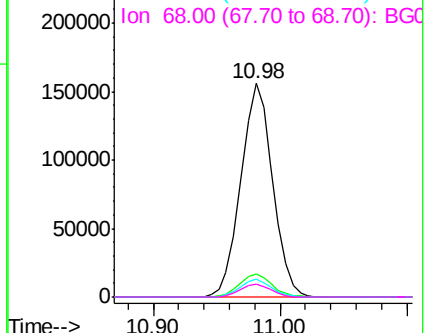
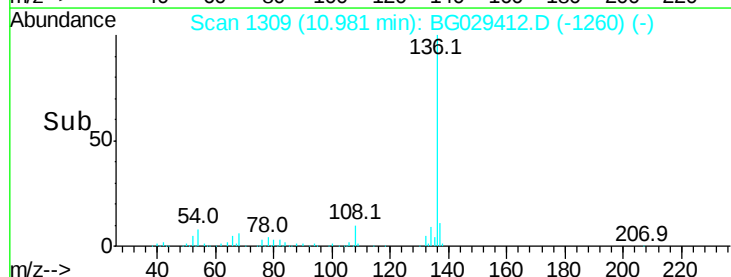
137 10.8 9.2 13.8

54 8.3 10.3 15.5#

68 5.9 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

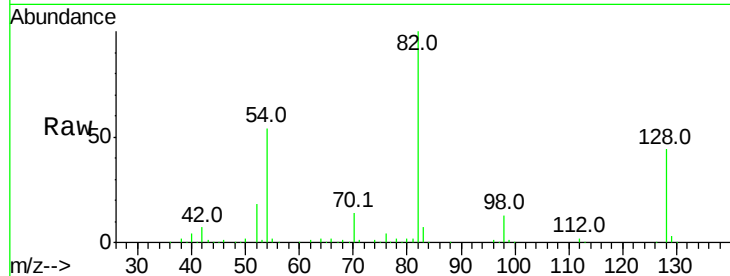




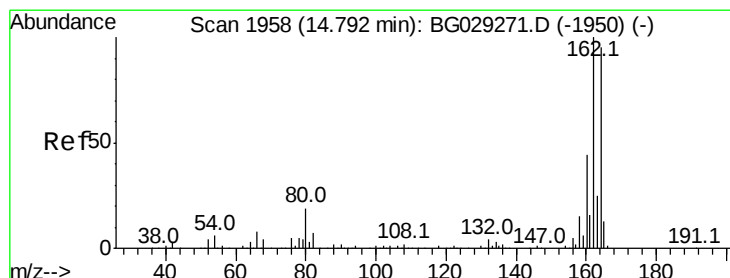
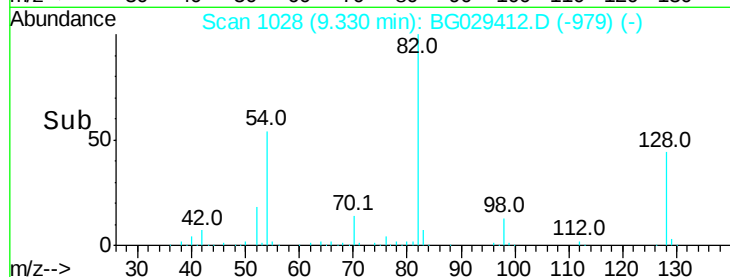
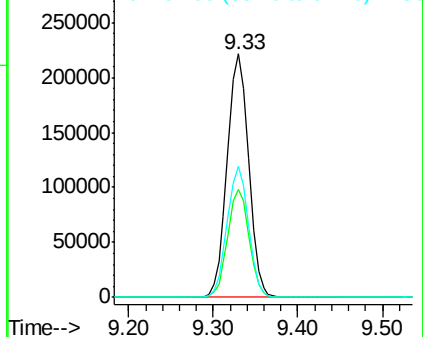
#23
 Nitrobenzene-d5
 Concen: 90.916 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029412.D
 Acq: 23 Oct 2017 23:31

Instrument :
 BNA_G
 ClientSampleId :
 RT-4248-COMP

Tot Ion	82	Resp	387810
Ion Ratio	Lower	Upper	
82	100		
128	44.3	29.7	44.5
54	53.7	43.1	64.7

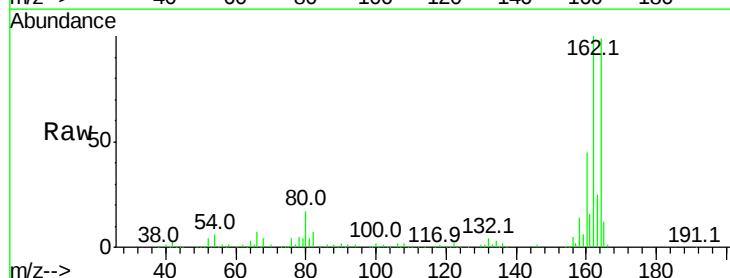


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

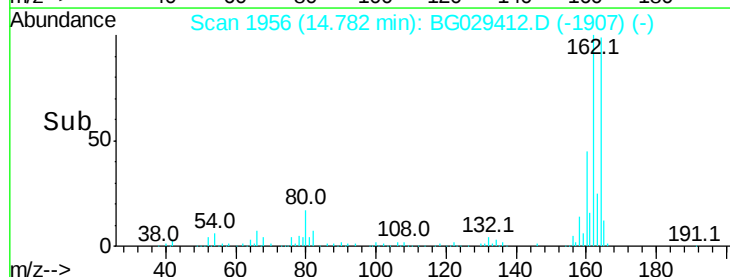
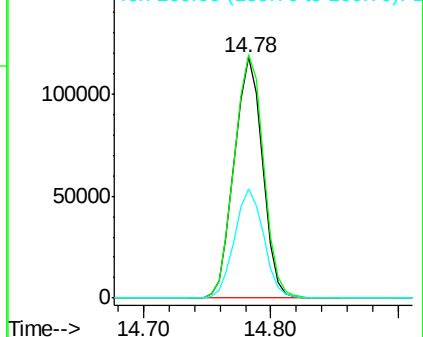


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG029412.D
 Acq: 23 Oct 2017 23:31

Tgt Ion	164	Resp	183157
Ion Ratio	Lower	Upper	
164	100		
162	101.0	78.8	118.2
160	45.4	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

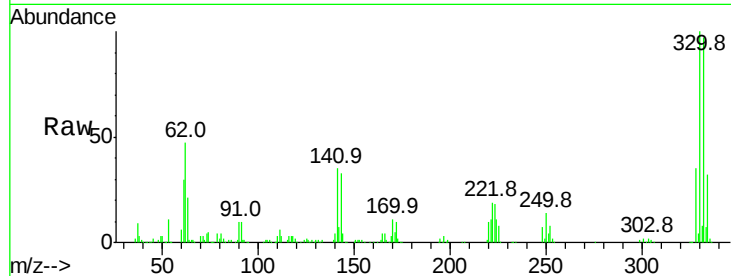




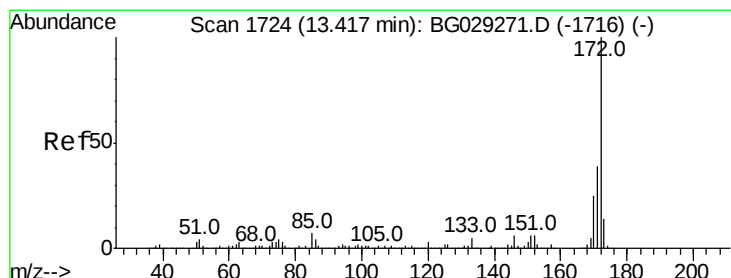
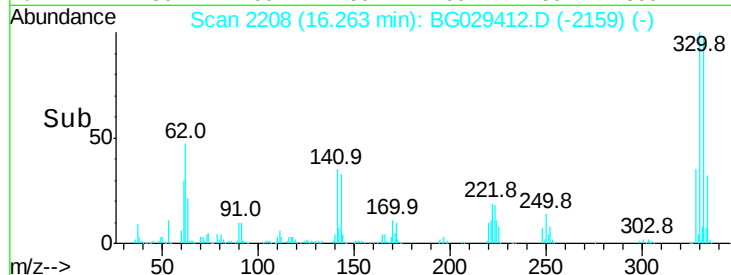
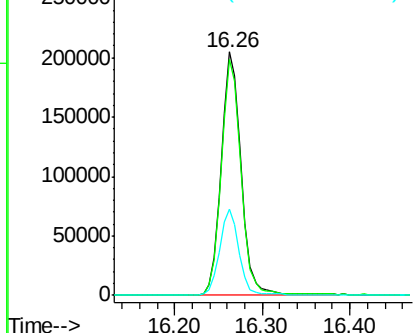
#41
 2,4,6-Tribromophenol
 Concen: 137.180 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029412.D
 Acq: 23 Oct 2017 23:31

Instrument :
 BNA_G
 ClientSampleId :
 RT-4248-COMP

Tot Ion:330 Resp: 324396
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 34.3 25.2 37.8

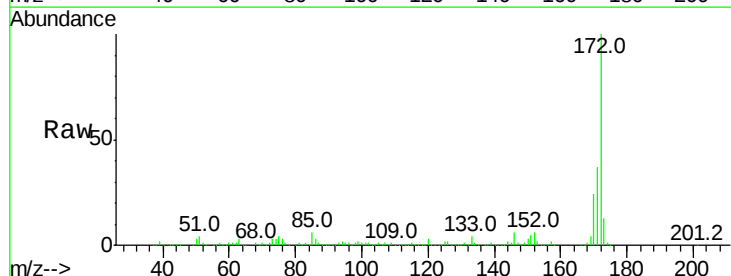


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

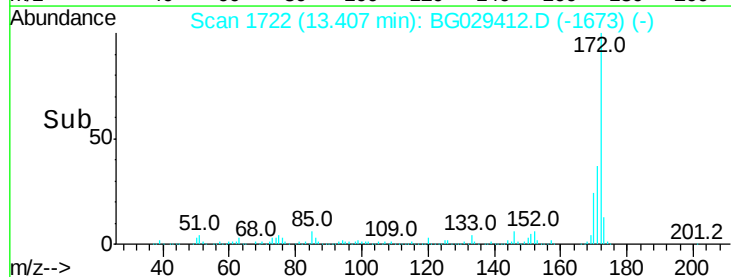
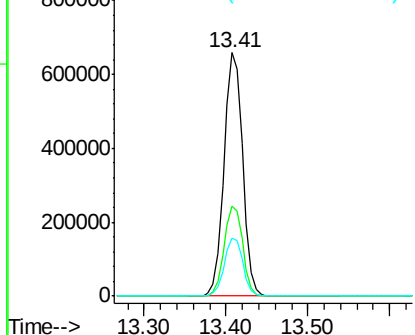


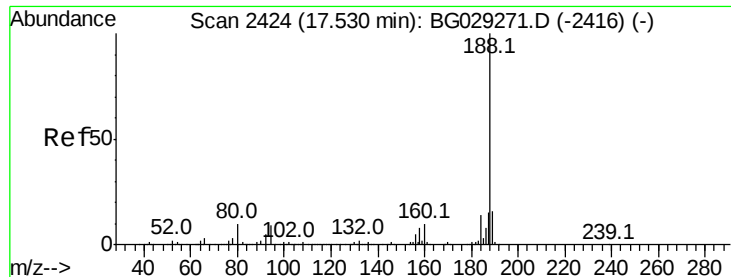
#44
 2-Fluorobiphenyl
 Concen: 83.258 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029412.D
 Acq: 23 Oct 2017 23:31

Tgt Ion:172 Resp: 1039729
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 24.1 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: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG029412.D

Acq: 23 Oct 2017 23:31

Instrument :

BNA_G

ClientSampleId :

RT-4248-COMP

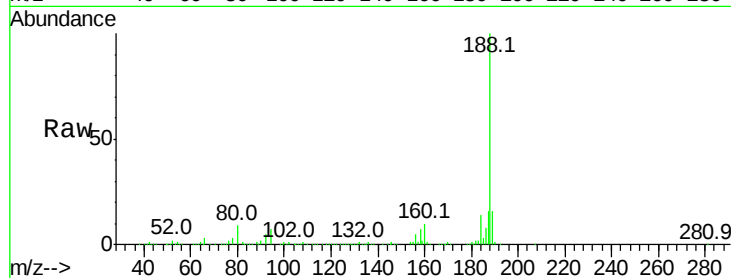
Tot Ion:188 Resp: 478654

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

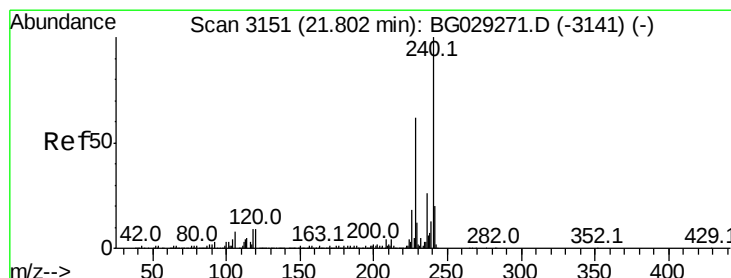
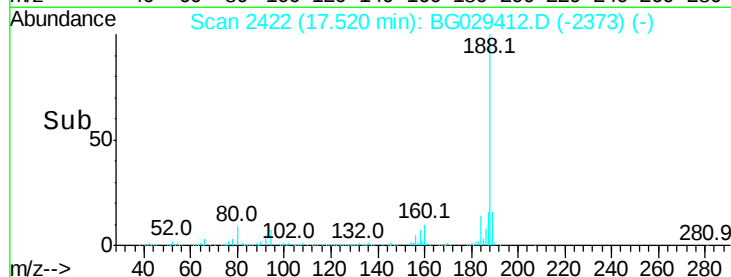
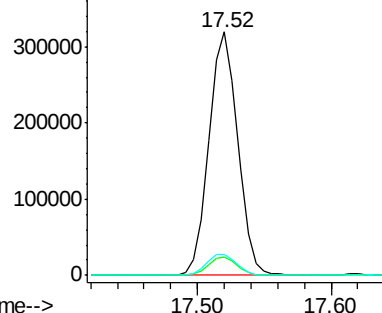
80 8.8 7.7 11.5



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: BG029412.D

Acq: 23 Oct 2017 23:31

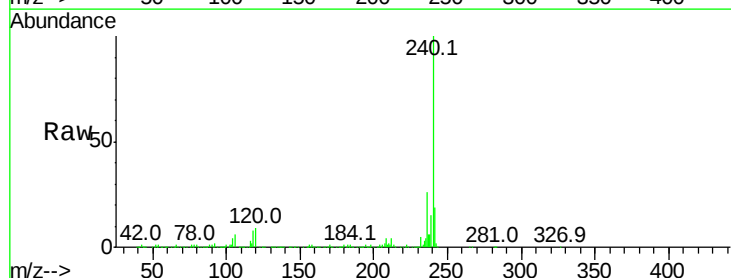
Tgt Ion:240 Resp: 566575

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

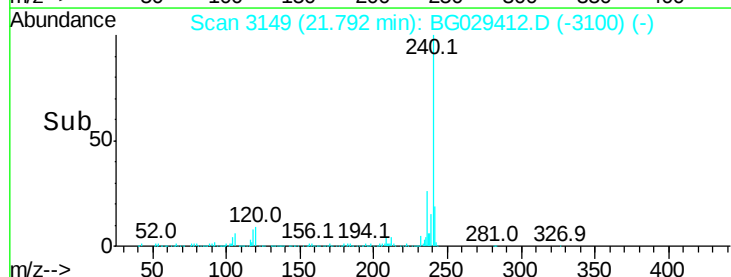
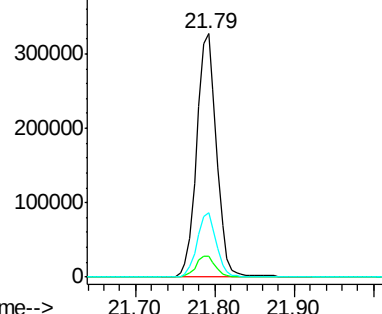
236 26.2 20.9 31.3

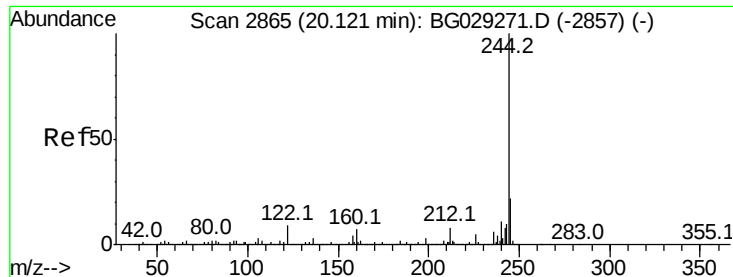


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.313 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029412.D

Acq: 23 Oct 2017 23:31

Instrument :

BNA_G

ClientSampleId :

RT-4248-COMP

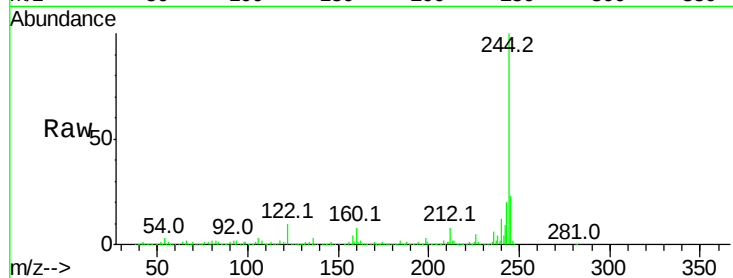
Tot Ion:244 Resp: 1925480

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	9.6	7.0	10.4

244 100

212 8.4 5.8 8.8

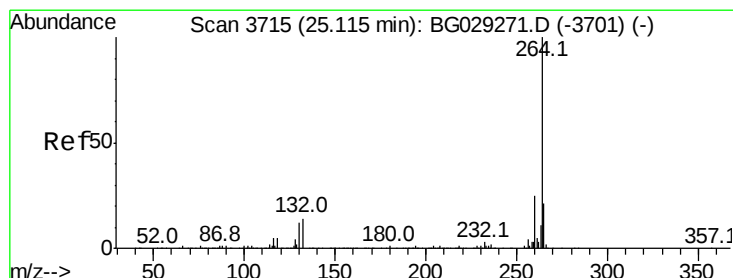
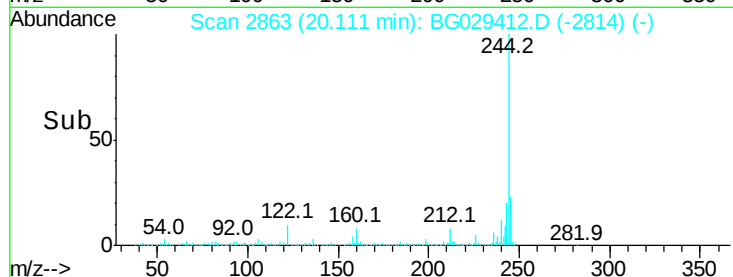
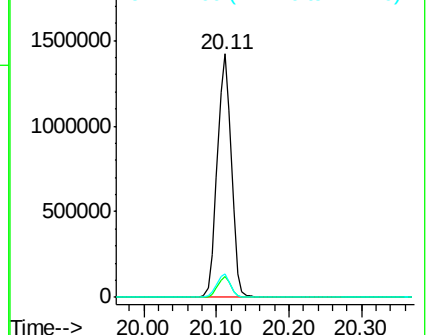
122 9.6 7.0 10.4



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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG029412.D

Acq: 23 Oct 2017 23:31

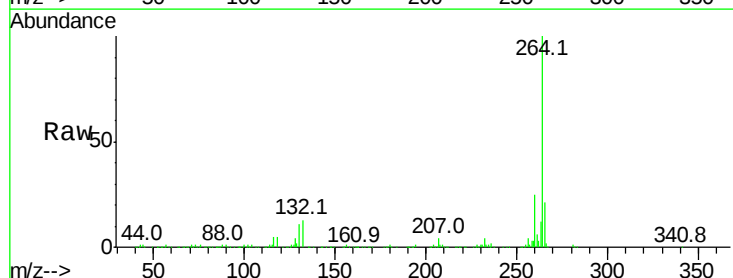
Tgt Ion:264 Resp: 549469

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.5	17.7	26.5

264 100

260 24.7 17.4 26.0

265 21.5 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

