

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

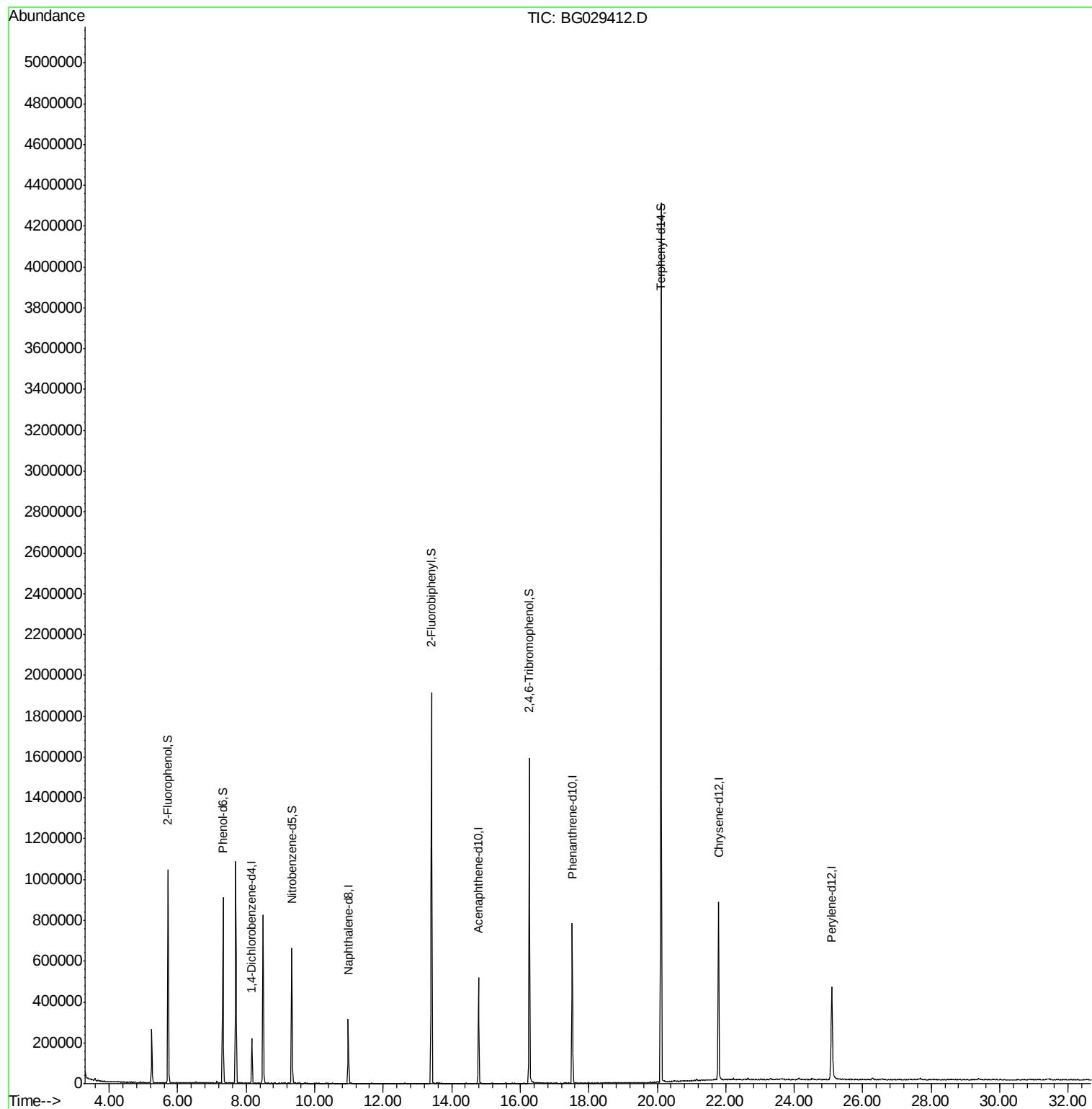
Target Compounds Qvalue

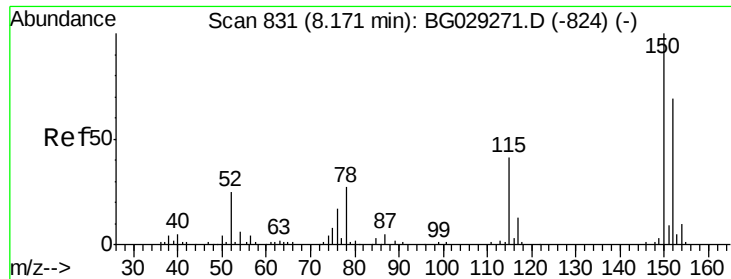
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 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

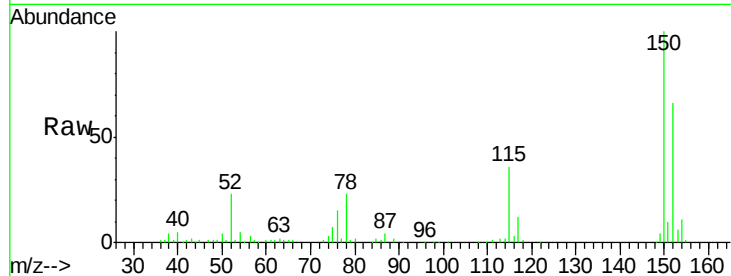
Tot Ion:152 Resp: 63172

Ion Ratio Lower Upper

152 100

150 151.6 126.6 189.8

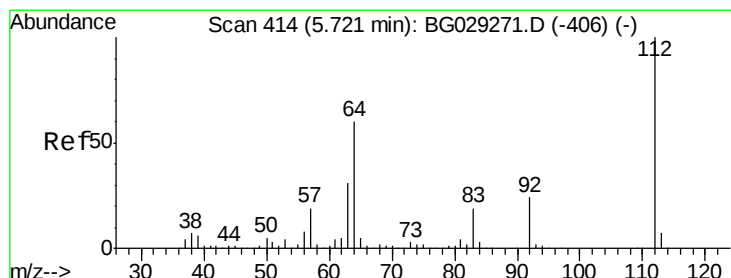
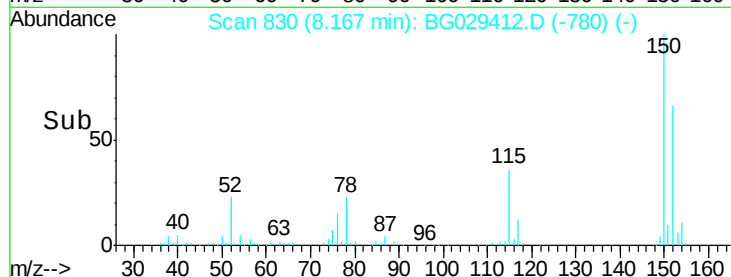
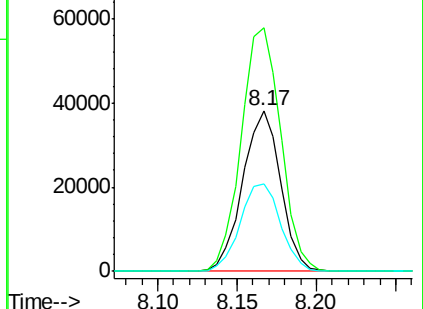
115 54.8 53.0 79.4



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: 122.88 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG029412.D

Acq: 23 Oct 2017 23:31

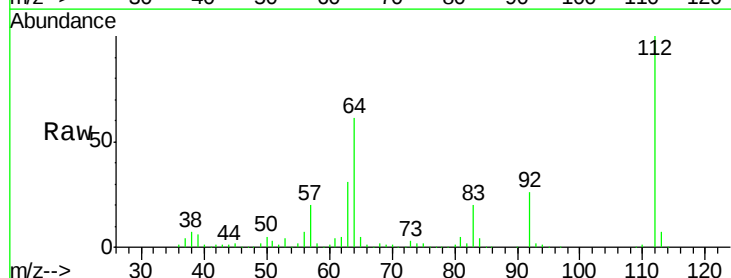
Tgt Ion:112 Resp: 464672

Ion Ratio Lower Upper

112 100

64 61.3 56.3 84.5

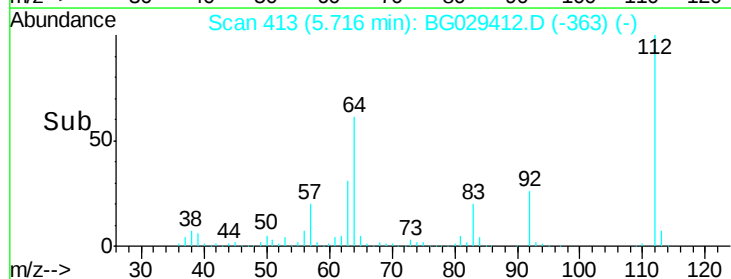
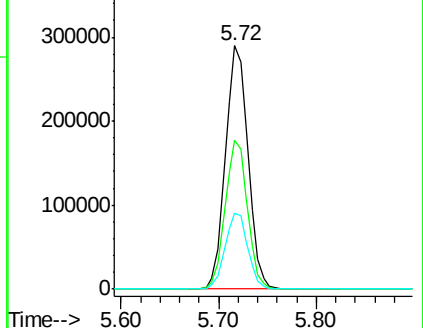
63 31.2 30.1 45.1

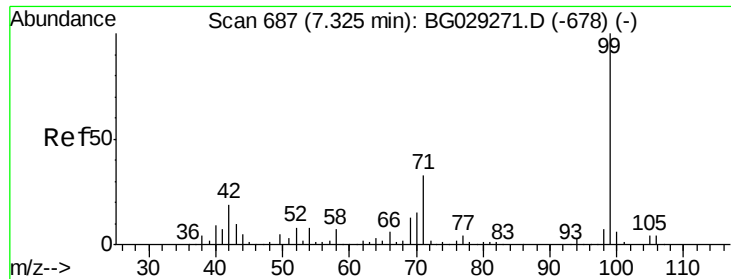


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.51 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

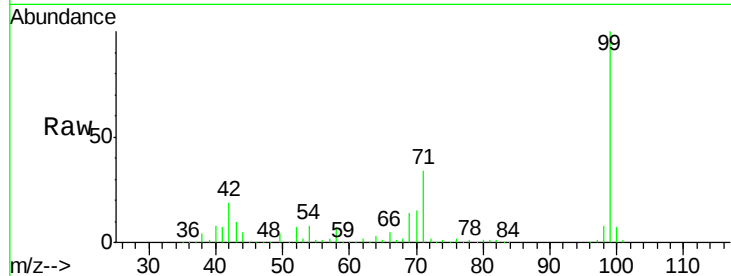
Tot Ion: 99 Resp: 554747

Ion Ratio Lower Upper

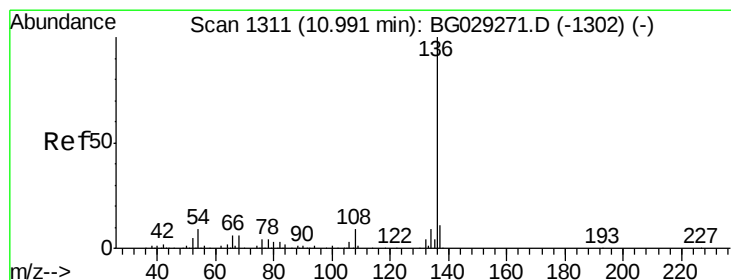
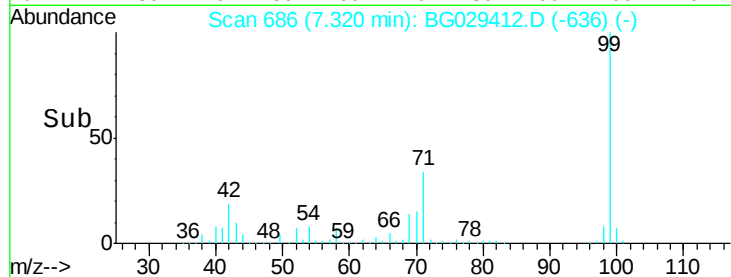
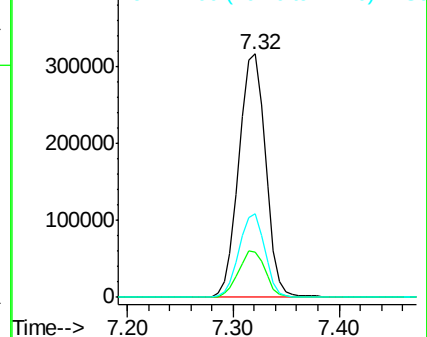
99 100

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: 20.00 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

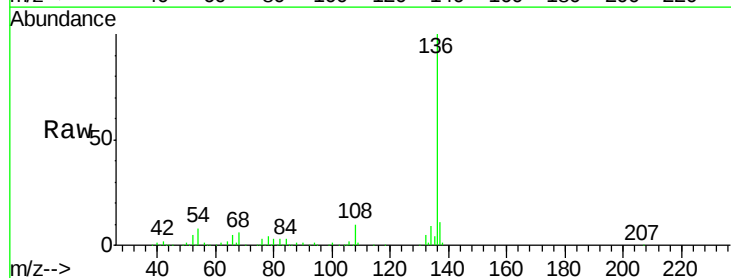
Ion Ratio Lower Upper

136 100

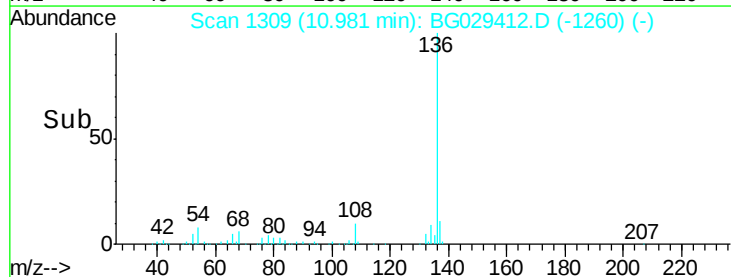
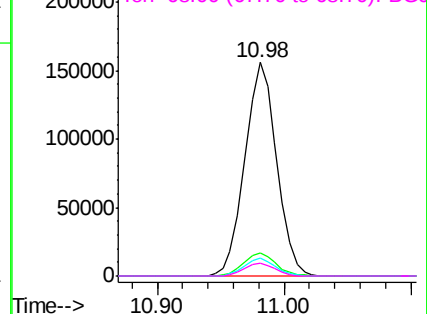
137 10.8 9.2 13.8

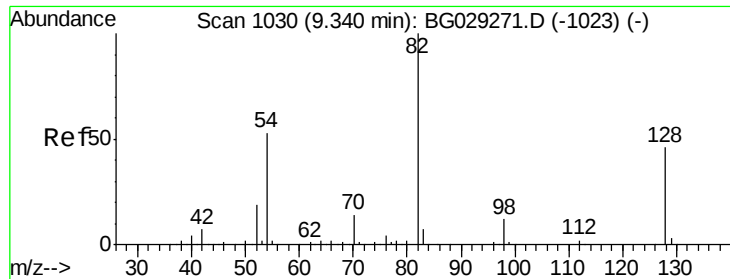
54 8.3 10.3 15.5#

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

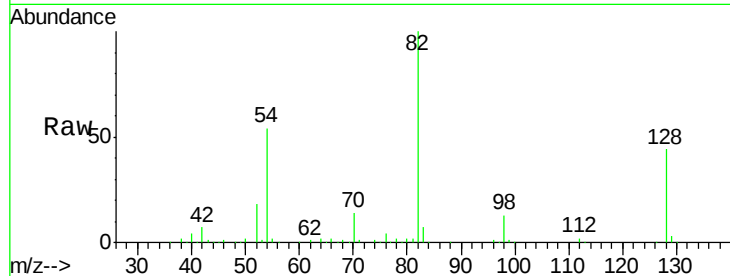




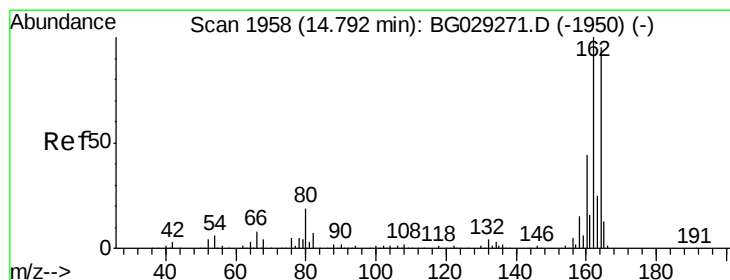
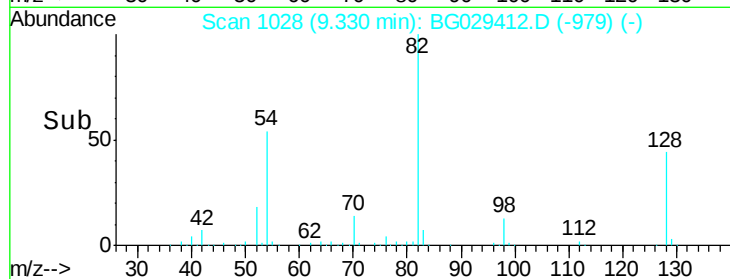
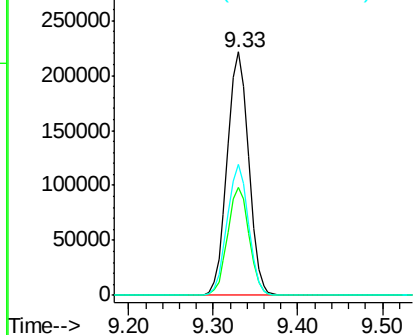
#23
Nitrobenzene-d5
Concen: 90.92 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029412.D
Acq: 23 Oct 2017 23:31

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

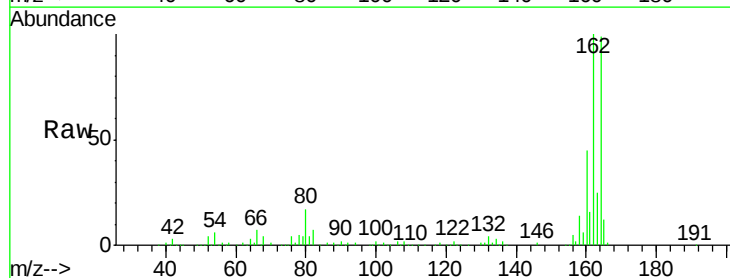


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

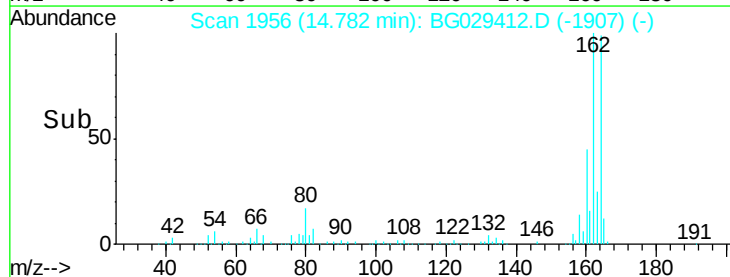
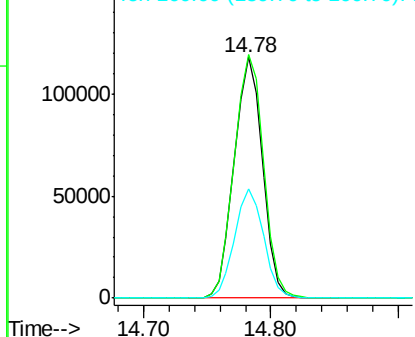


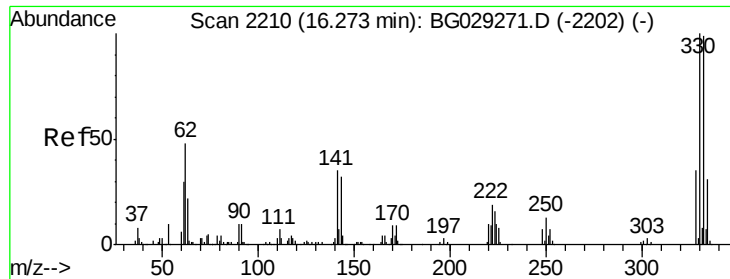
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029412.D
Acq: 23 Oct 2017 23:31

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

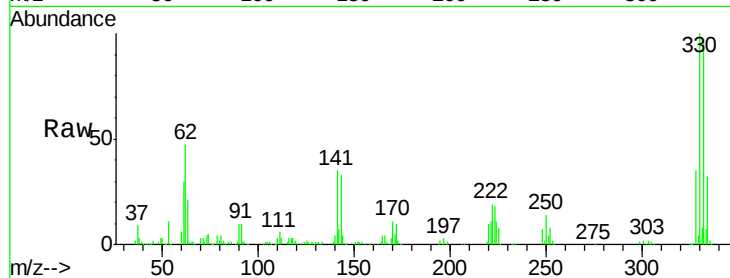




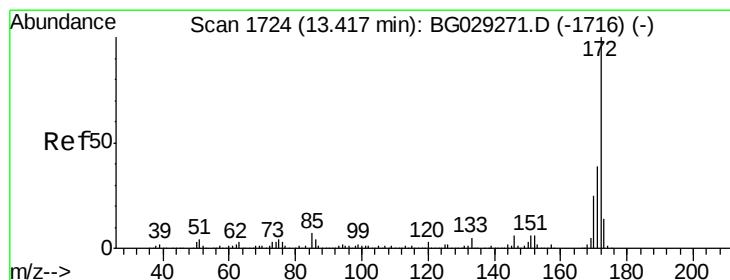
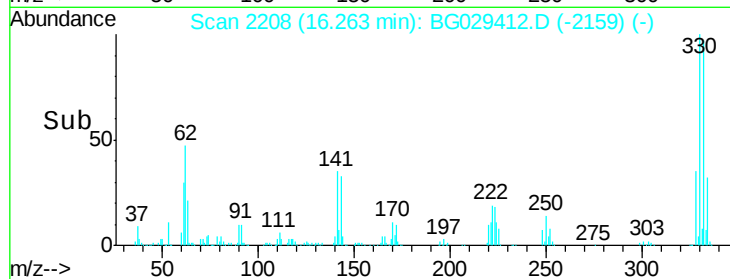
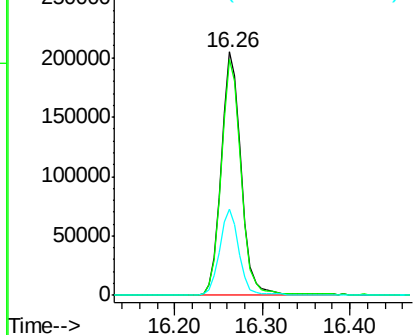
#41
 2,4,6-Tribromophenol
 Concen: 137.18 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029412.D
 Acq: 23 Oct 2017 23:31

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

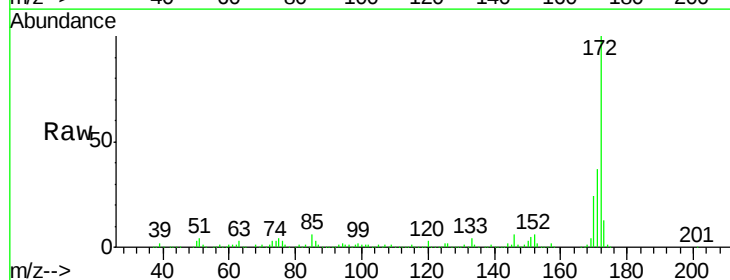


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

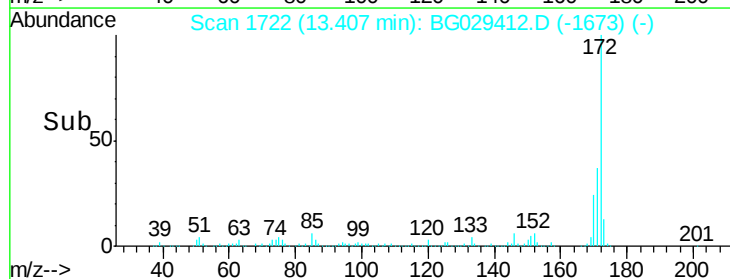
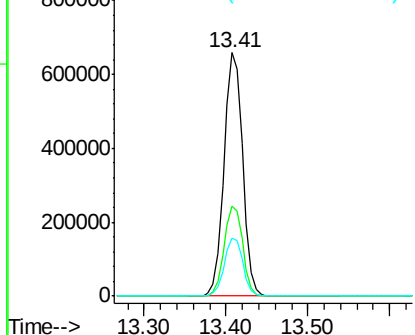


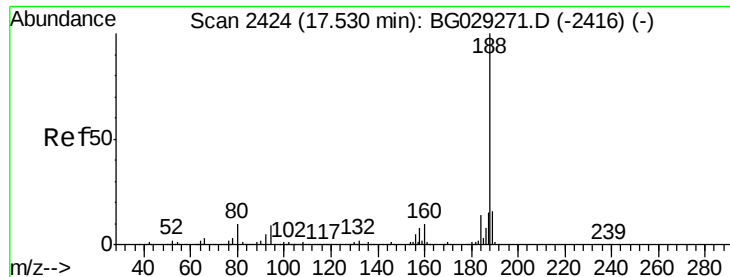
#44
 2-Fluorobiphenyl
 Concen: 83.26 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029412.D
 Acq: 23 Oct 2017 23:31

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

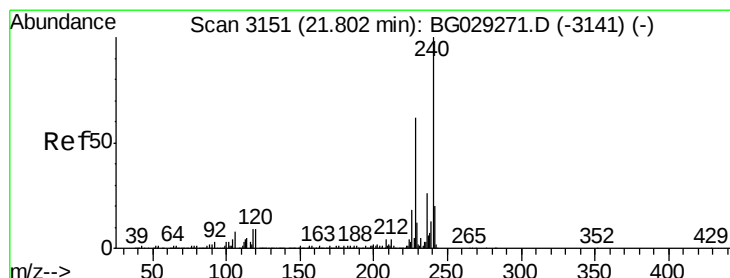
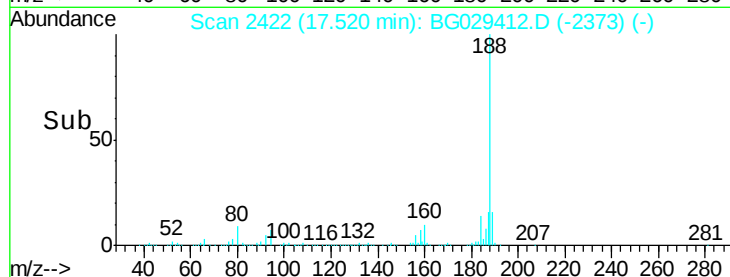
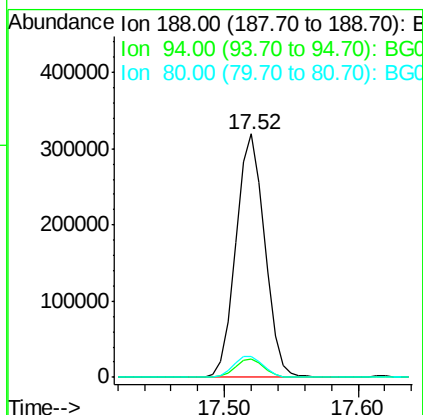
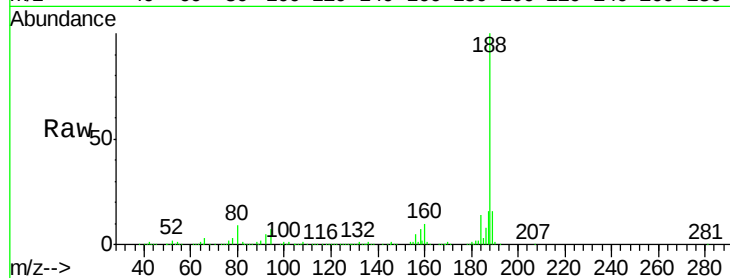




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029412.D
Acq: 23 Oct 2017 23:31

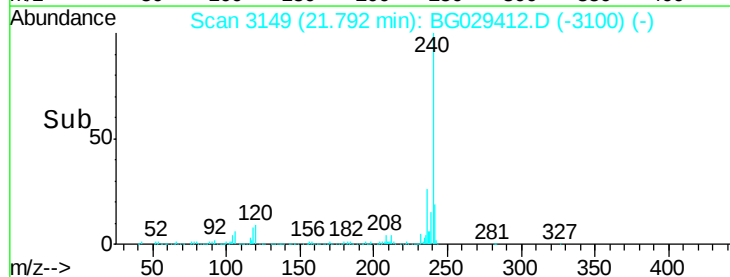
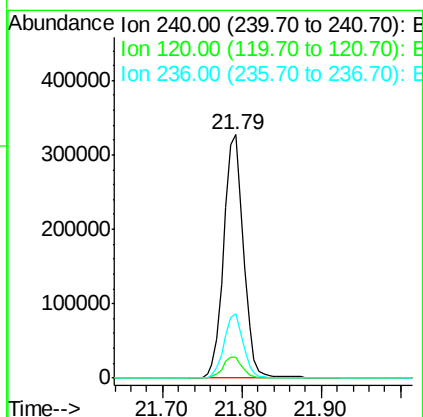
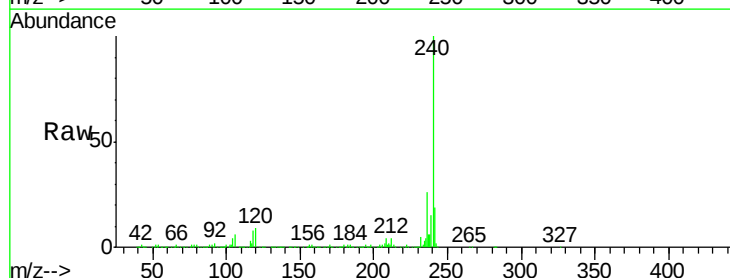
Instrument :
BNA_G
ClientSampleId :
RT-4248-COMP

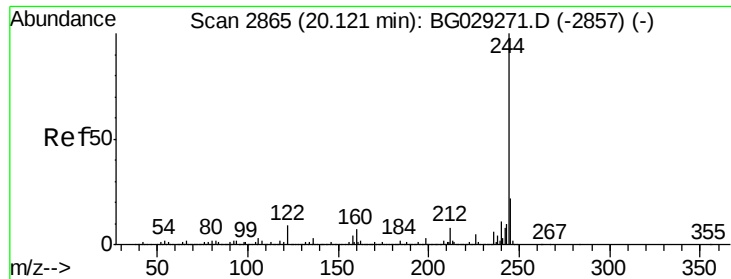
Tot Ion:188 Resp: 478654
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 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





#78

Terphenyl-d14

Concen: 77.31 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

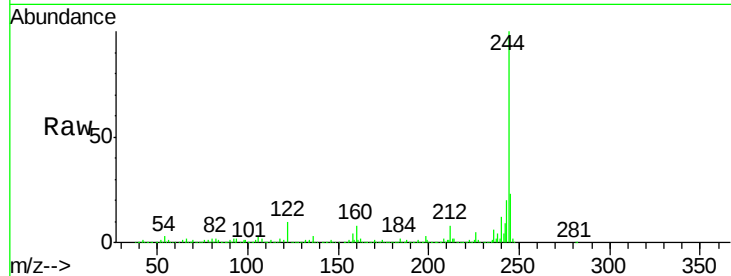
Tot Ion:244 Resp: 1925480

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

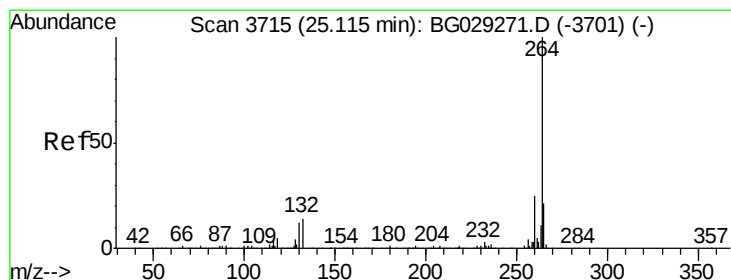
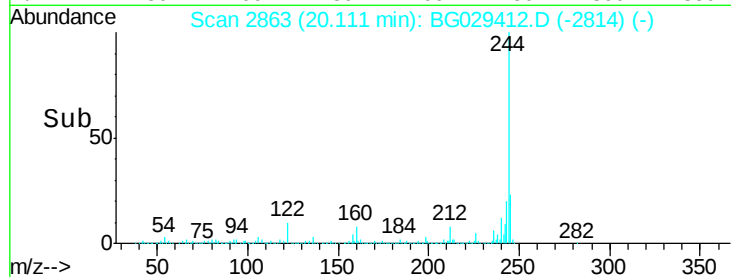
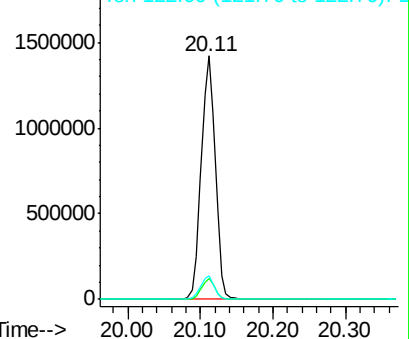
122 9.6 7.0 10.4



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: 20.00 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG029412.D

Acq: 23 Oct 2017 23:31

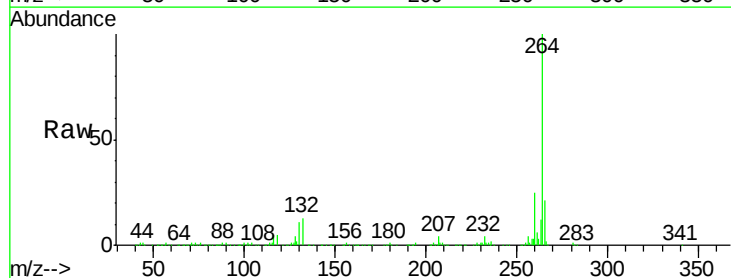
Tgt Ion:264 Resp: 549469

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 21.5 17.7 26.5



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

