

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029318.D
 Acq On : 18 Oct 2017 2:08
 Operator : SJ/JU
 Sample : I5905-02RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 18 04:07:55 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

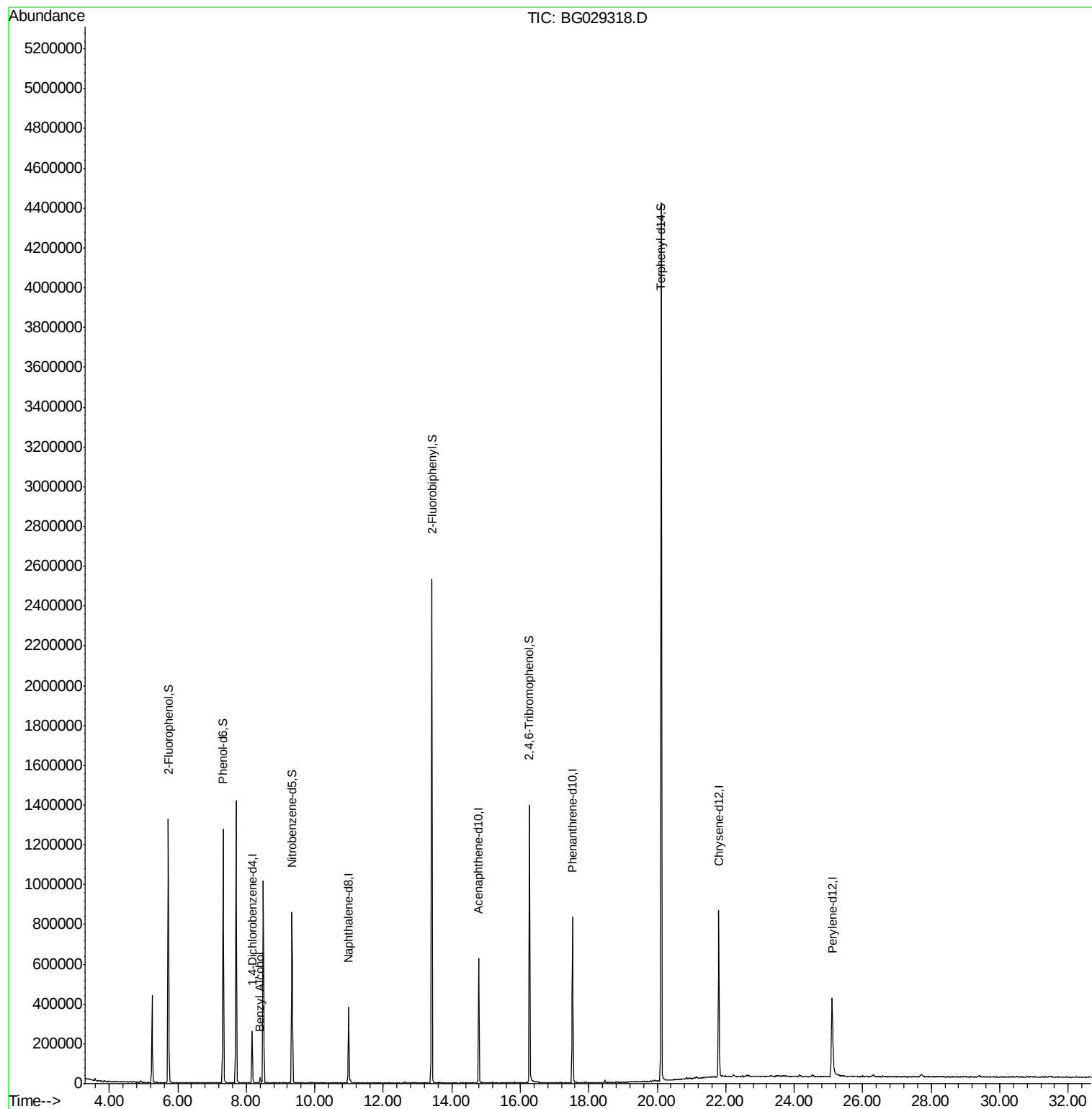
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	74335	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	349262	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	219738	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	509137	20.00	ng	0.00
75) Chrysene-d12	21.79	240	535880	20.00	ng	0.00
86) Perylene-d12	25.10	264	522378	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	611588	137.44	ng	0.00
7) Phenol-d6	7.32	99	772534	123.69	ng	0.00
23) Nitrobenzene-d5	9.33	82	530213	96.47	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	293356	103.40	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1371341	91.53	ng	0.00
78) Terphenyl-d14	20.11	244	2029750	86.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.40	79	11585	2.63	ng	Qvalue 98

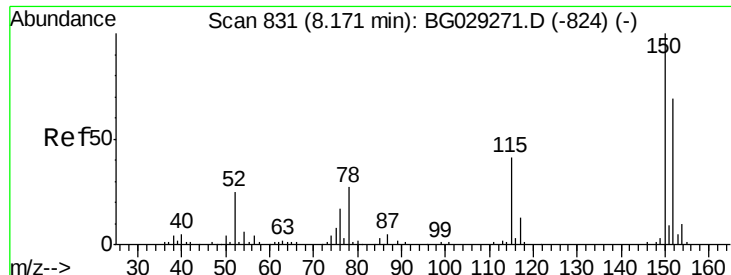
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 831

Delta R.T. -0.00 min

Lab File: BG029318.D

Acq: 18 Oct 2017 2:08

Instrument :

BNA_G

ClientSampleId :

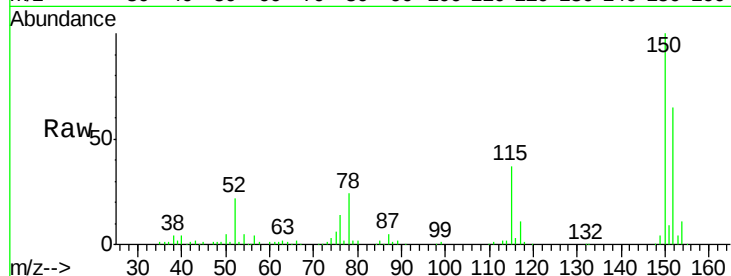
Tot Ion:152 Resp: 74335

Ion Ratio Lower Upper

152 100

150 154.9 126.6 189.8

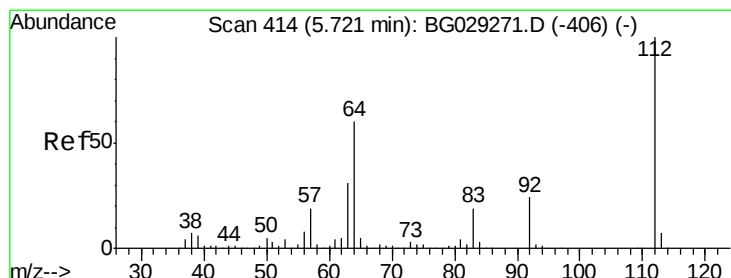
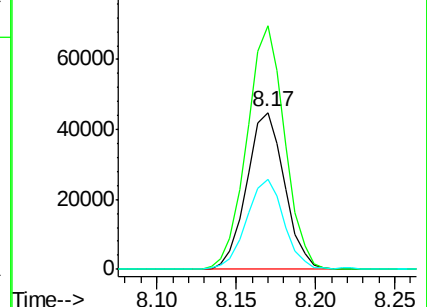
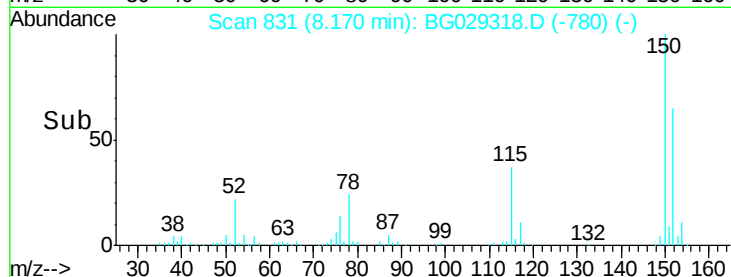
115 57.6 53.0 79.4



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: 137.44 ng

RT: 5.72 min Scan# 414

Delta R.T. -0.00 min

Lab File: BG029318.D

Acq: 18 Oct 2017 2:08

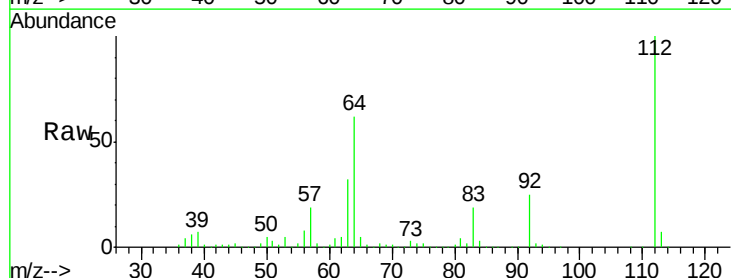
Tgt Ion:112 Resp: 611588

Ion Ratio Lower Upper

112 100

64 61.9 56.3 84.5

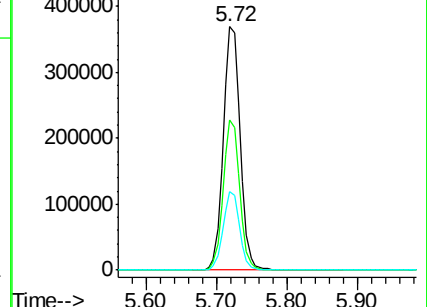
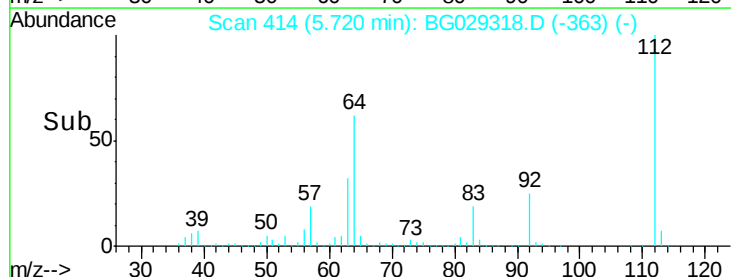
63 32.3 30.1 45.1

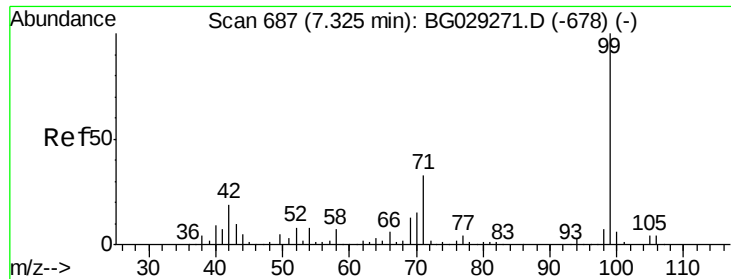


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.69 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG029318.D

Acq: 18 Oct 2017 2:08

Instrument :

BNA_G

ClientSampled :

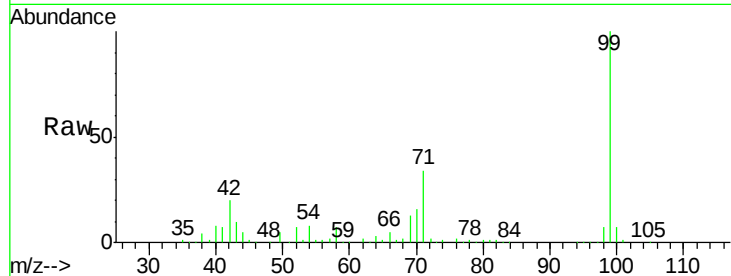
Tot Ion: 99 Resp: 772534

Ion Ratio Lower Upper

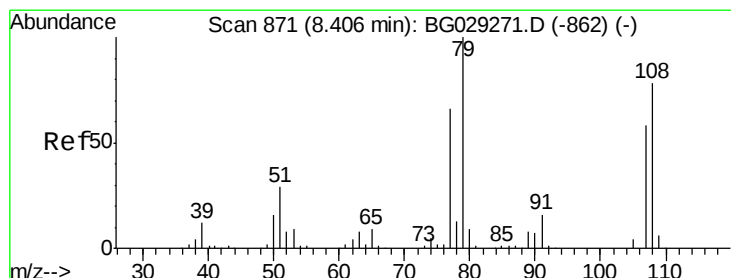
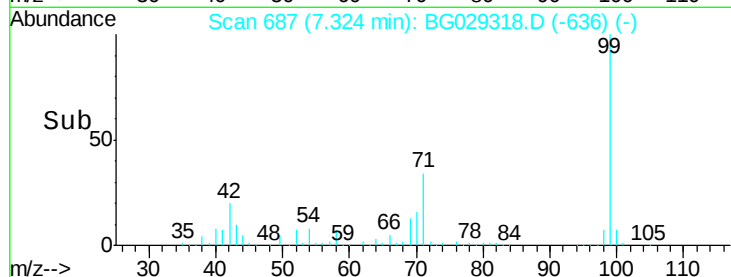
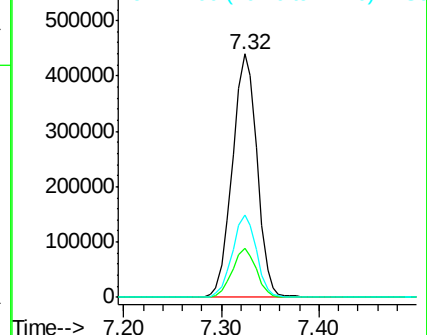
99 100

42 19.9 14.1 21.1

71 34.0 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



#15

Benzyl Alcohol

Concen: 2.63 ng

RT: 8.40 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG029318.D

Acq: 18 Oct 2017 2:08

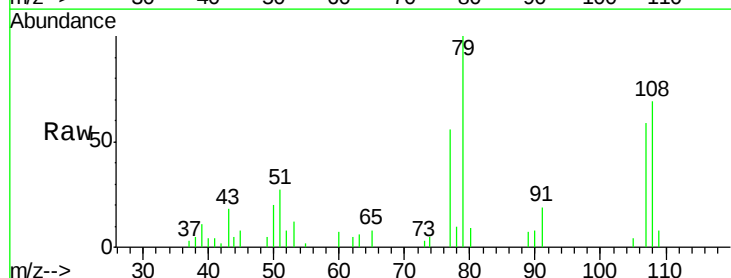
Tgt Ion: 79 Resp: 11585

Ion Ratio Lower Upper

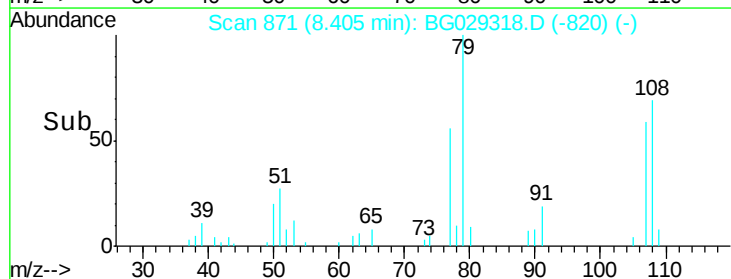
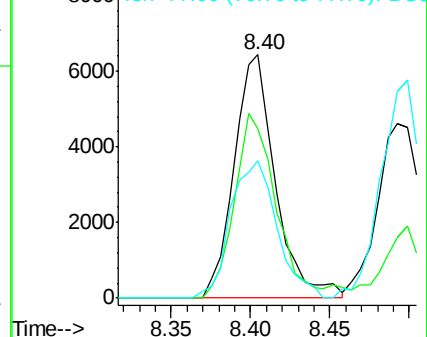
79 100

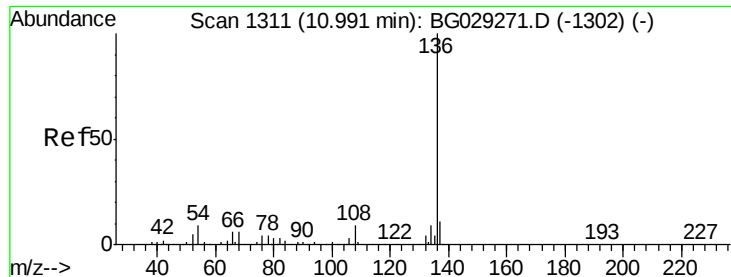
108 69.4 57.2 85.8

77 56.4 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

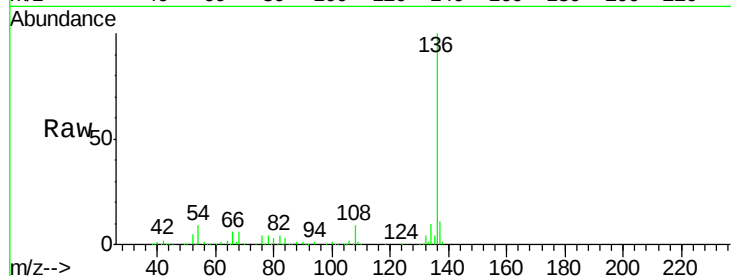




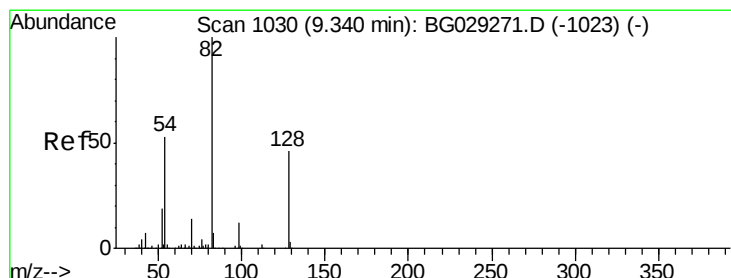
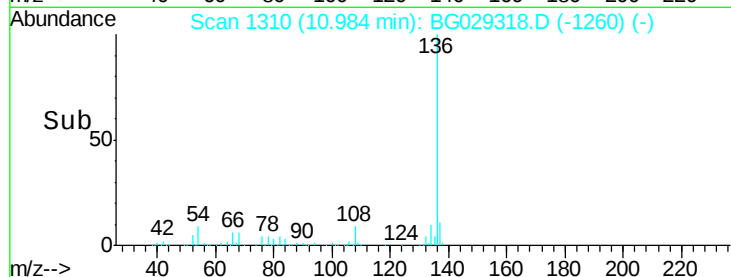
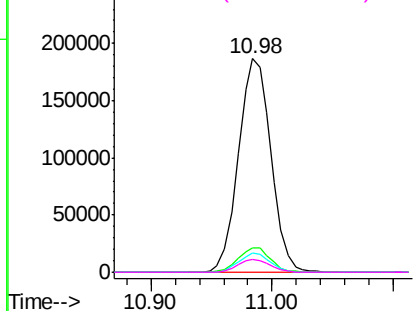
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029318.D
Acq: 18 Oct 2017 2:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	349262
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.9	10.3	15.5#
68	6.3	4.5	6.7

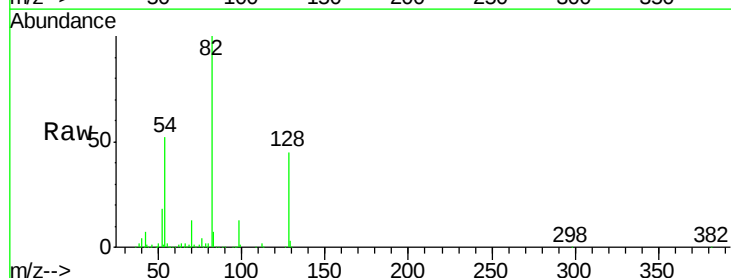


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

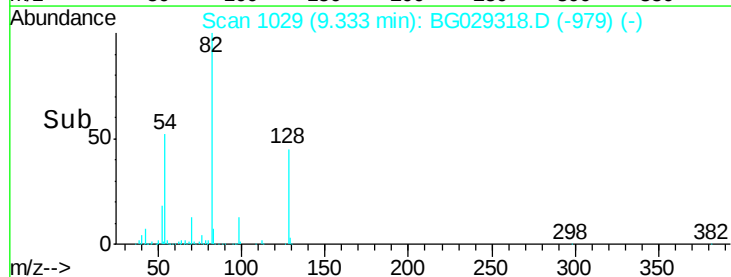
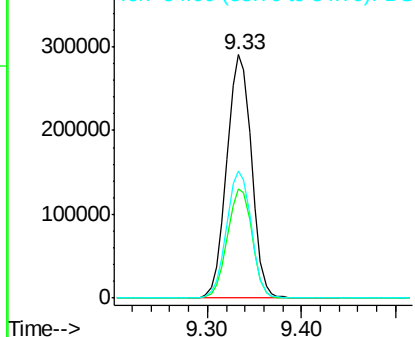


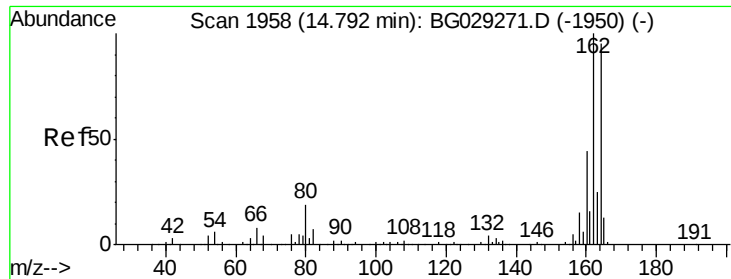
#23
Nitrobenzene-d5
Concen: 96.47 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029318.D
Acq: 18 Oct 2017 2:08

Tgt Ion:	82	Resp:	530213
Ion	Ratio	Lower	Upper
82	100		
128	44.8	29.7	44.5#
54	52.4	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: 20.00 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG029318.D

Acq: 18 Oct 2017 2:08

Instrument :

BNA_G

ClientSampleId :

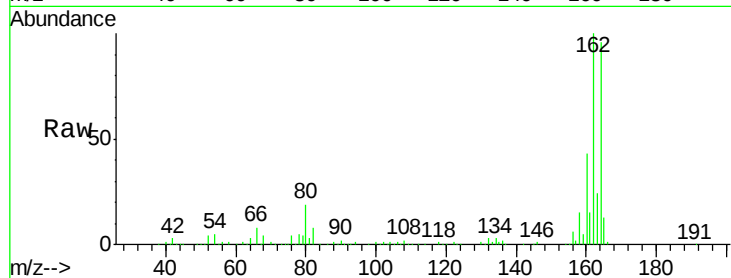
Tot Ion:164 Resp: 219738

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

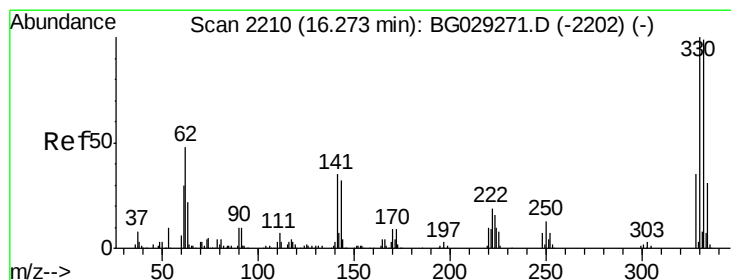
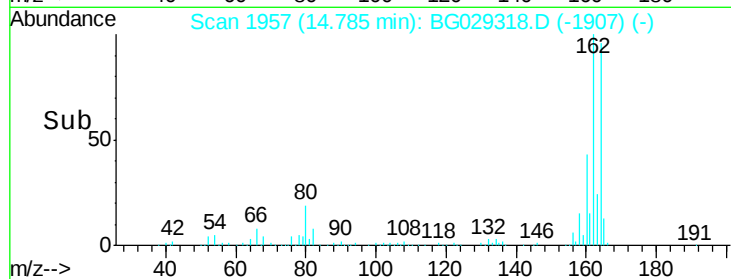
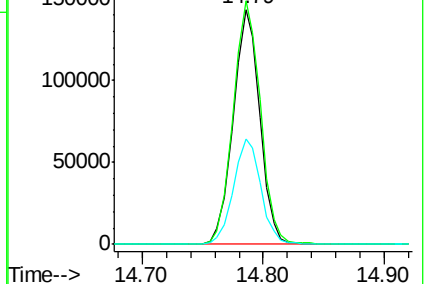
160 44.8 35.4 53.0



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: 103.40 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG029318.D

Acq: 18 Oct 2017 2:08

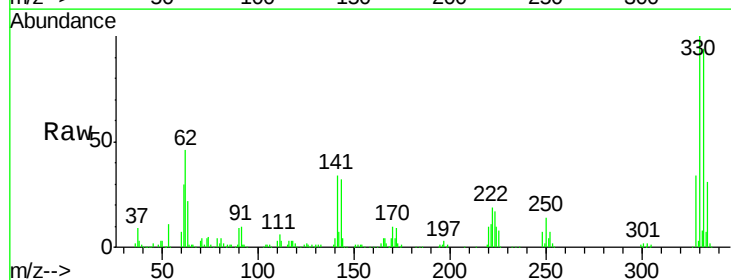
Tgt Ion:330 Resp: 293356

Ion Ratio Lower Upper

330 100

332 94.0 77.0 115.6

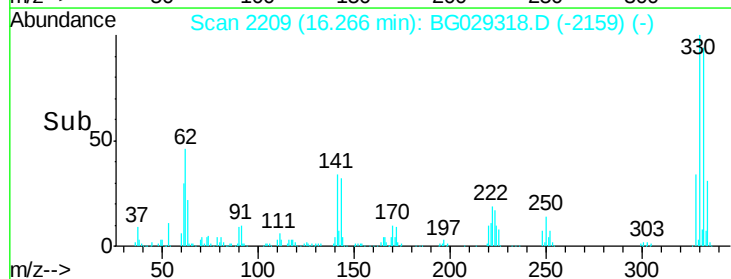
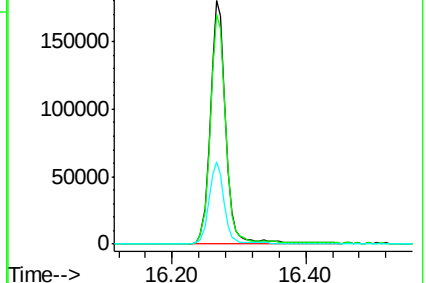
141 32.7 25.2 37.8

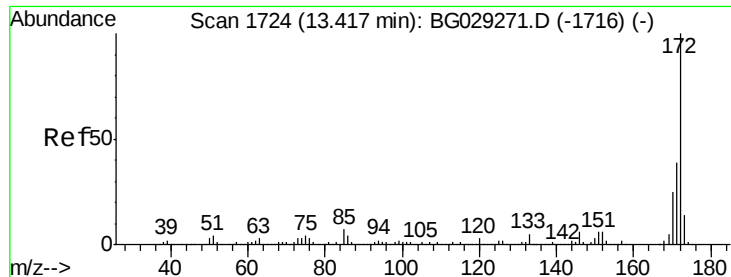


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

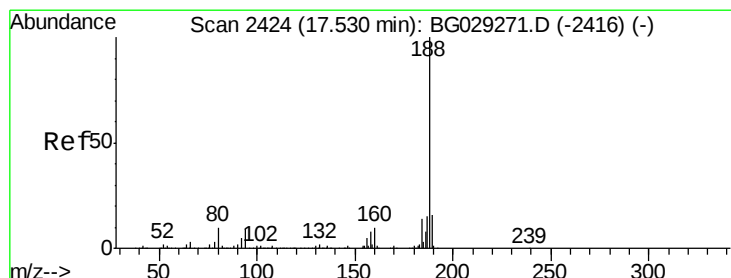
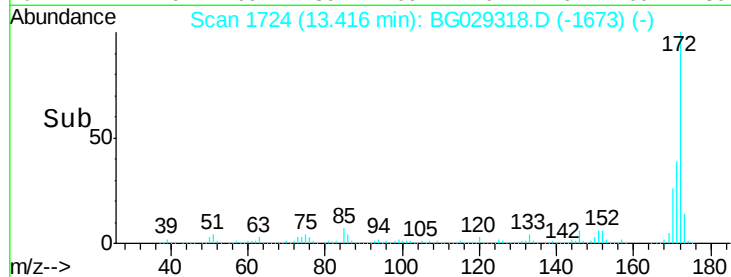
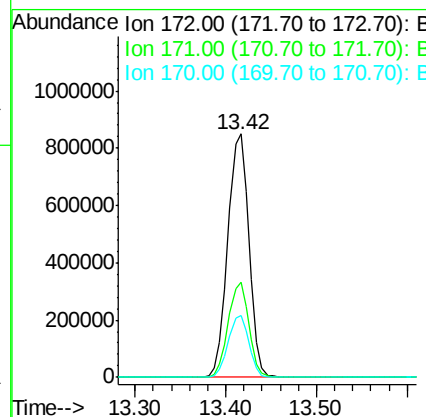
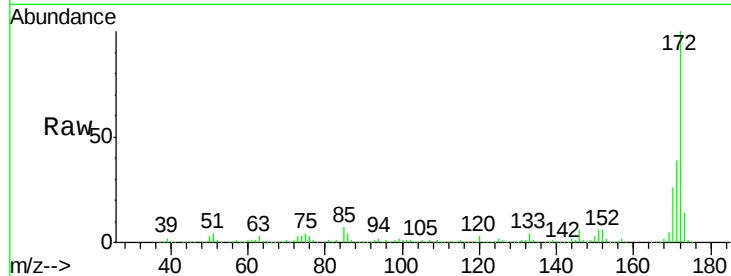




#44
 2-Fluorobiphenyl
 Concen: 91.53 ng
 RT: 13.42 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG029318.D
 Acq: 18 Oct 2017 2:08

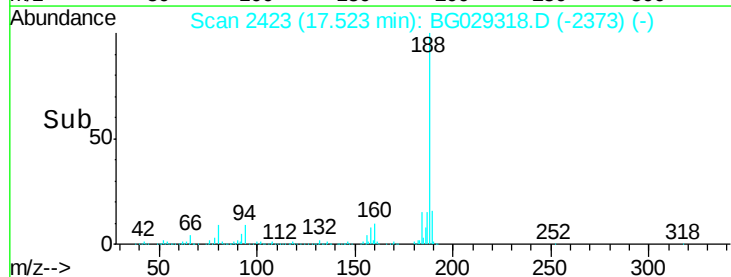
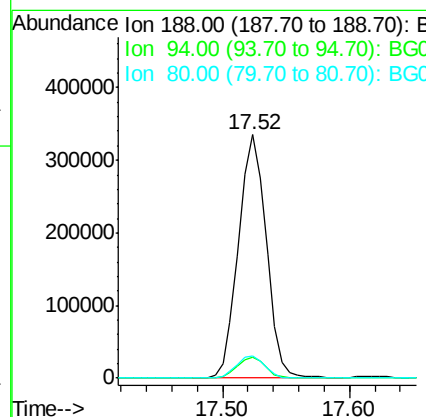
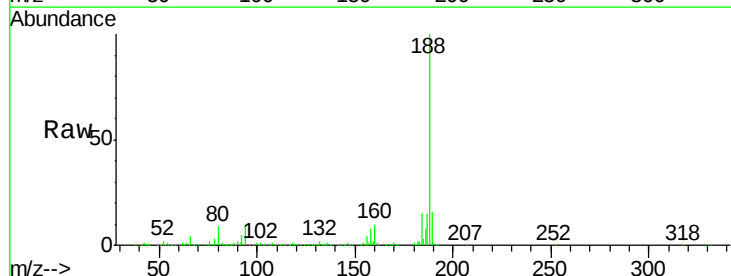
Instrument :
 BNA_G
 ClientSampleId :

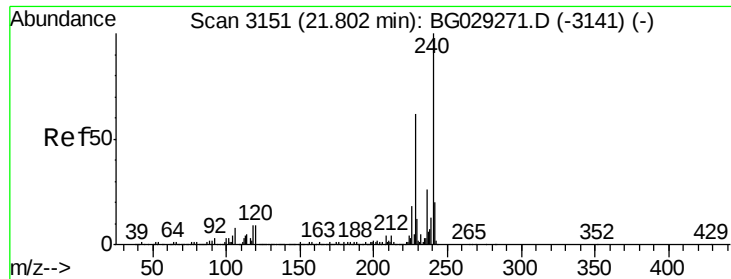
Tot Ion:172 Resp: 1371341
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 25.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG029318.D
 Acq: 18 Oct 2017 2:08

Tgt Ion:188 Resp: 509137
 Ion Ratio Lower Upper
 188 100
 94 8.8 6.9 10.3
 80 9.3 7.7 11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG029318.D

Acq: 18 Oct 2017 2:08

Instrument :

BNA_G

ClientSampleId :

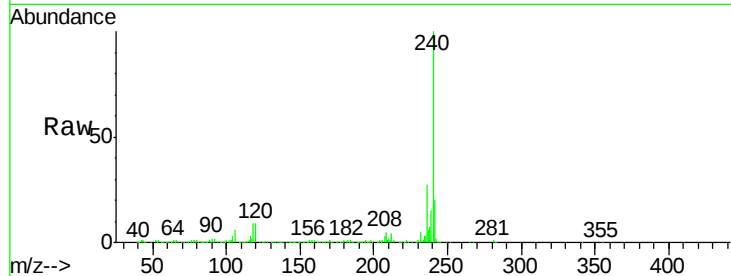
Tot Ion:240 Resp: 535880

Ion Ratio Lower Upper

240 100

120 9.4 6.8 10.2

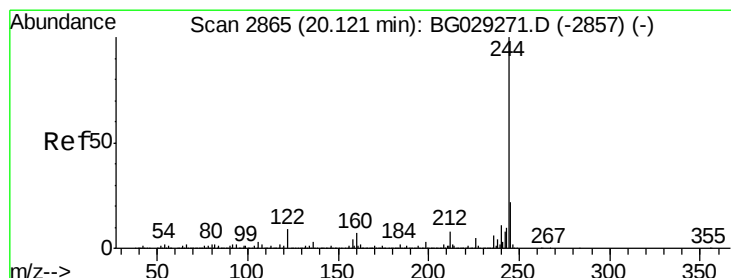
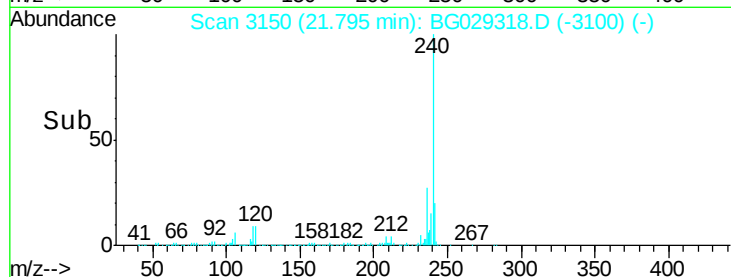
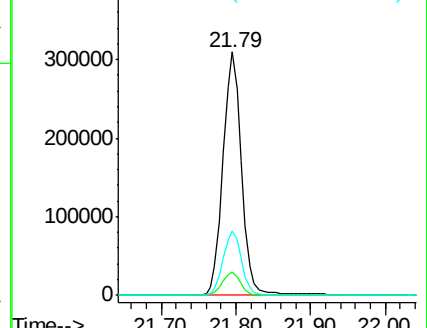
236 26.6 20.9 31.3



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: 86.17 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029318.D

Acq: 18 Oct 2017 2:08

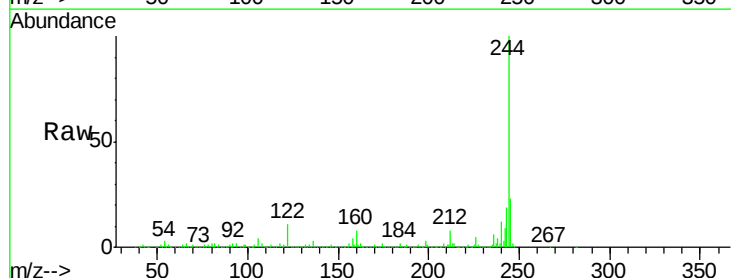
Tgt Ion:244 Resp: 2029750

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

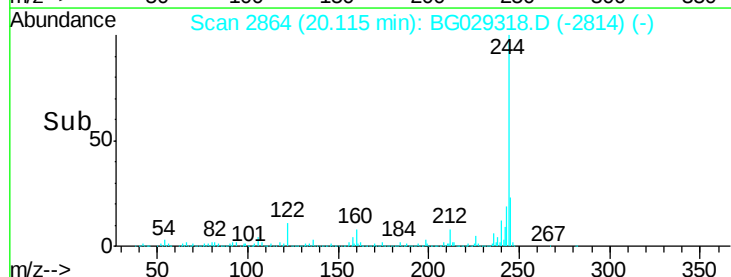
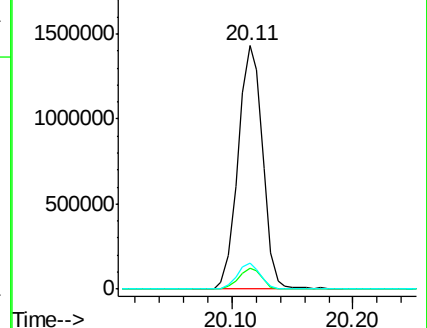
122 10.6 7.0 10.4#

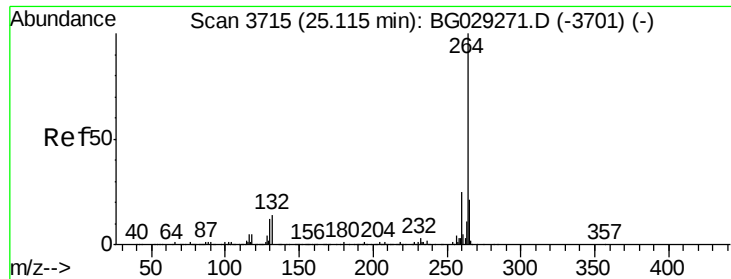


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

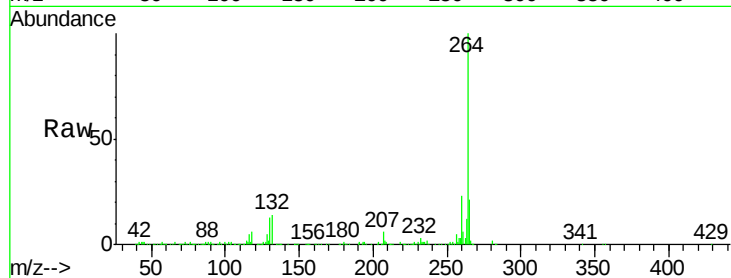




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG029318.D
Acq: 18 Oct 2017 2:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.4	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

