

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

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-CUTTINGS-9698

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

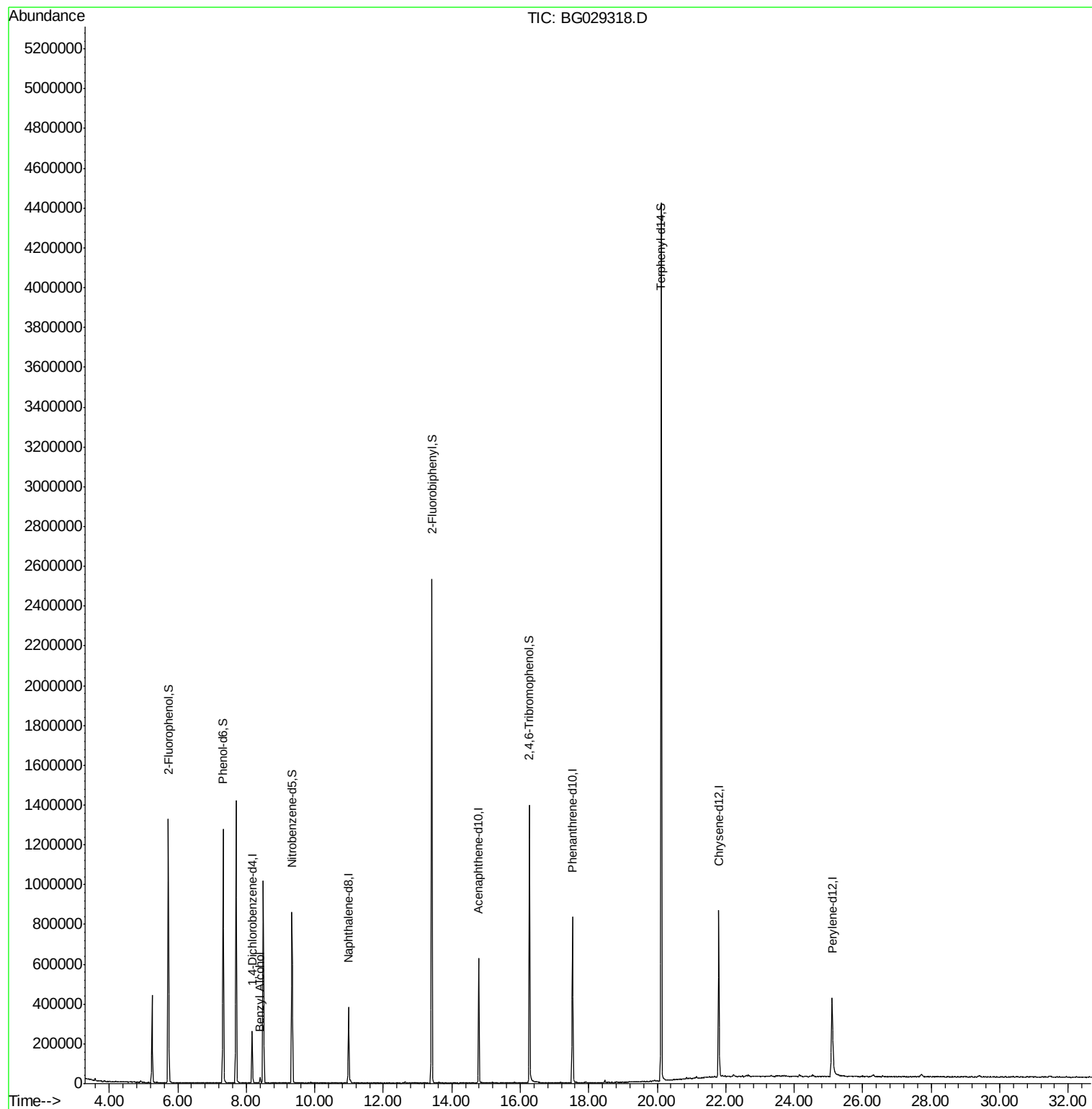
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	74335	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	349262	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	219738	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	509137	20.00	ng	0.00
75) Chrysene-d12	21.79	240	535880	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	2.632	ng	Qvalue 98

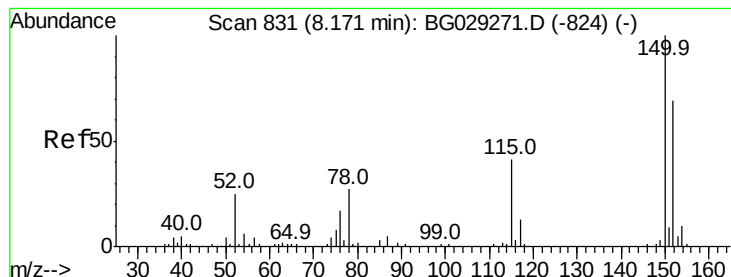
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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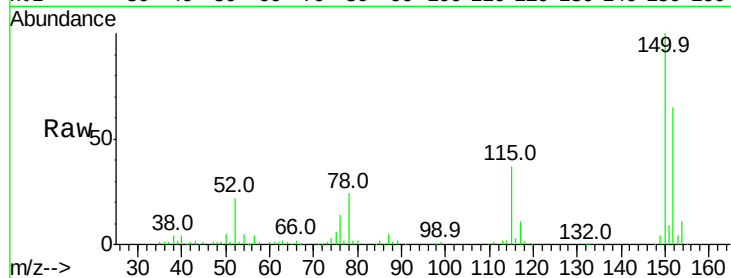


#1

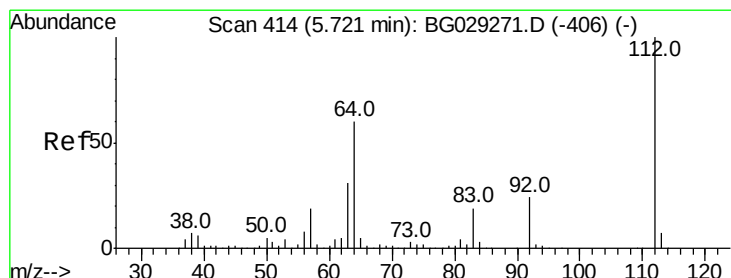
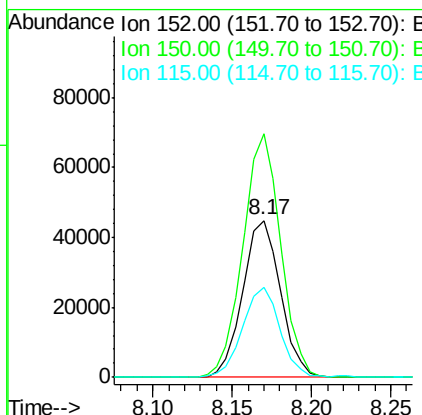
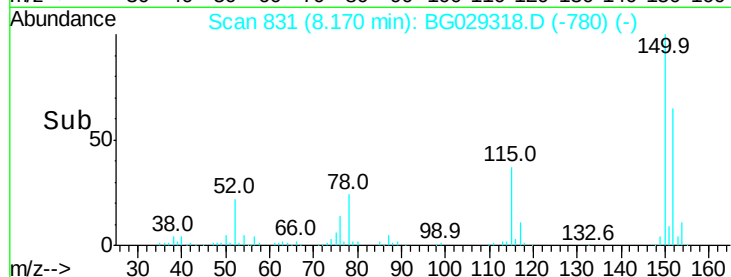
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029318.D
Acq: 18 Oct 2017 2:08

Instrument :
BNA_G
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SOIL-CUTTINGS-9698

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



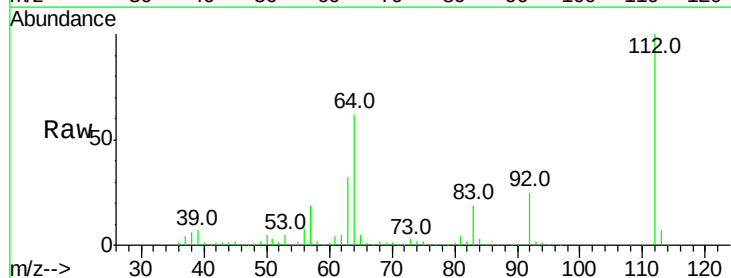
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



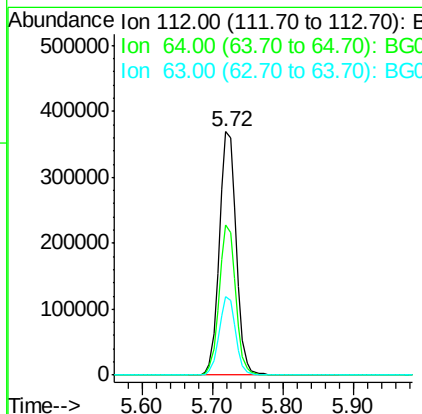
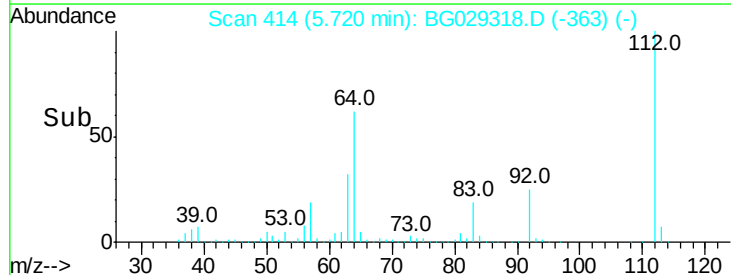
#5

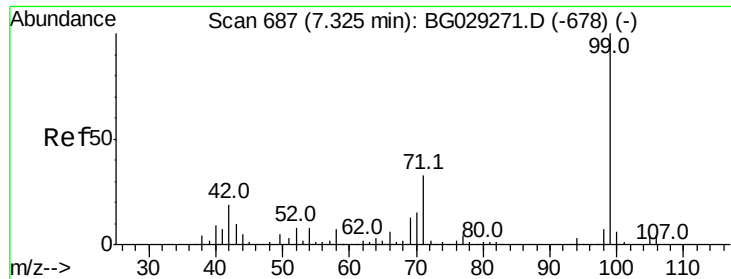
2-Fluorophenol
Concen: 137.444 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029318.D
Acq: 18 Oct 2017 2:08

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: 123.687 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

ClientSampleId :

SOIL-CUTTINGS-9698

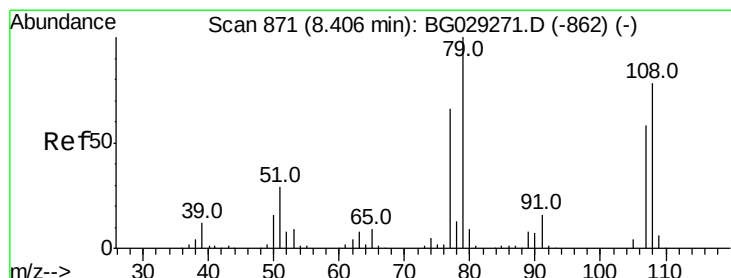
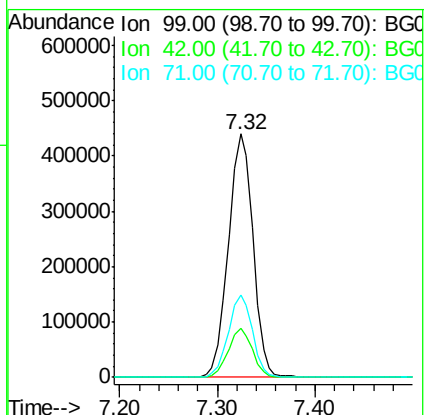
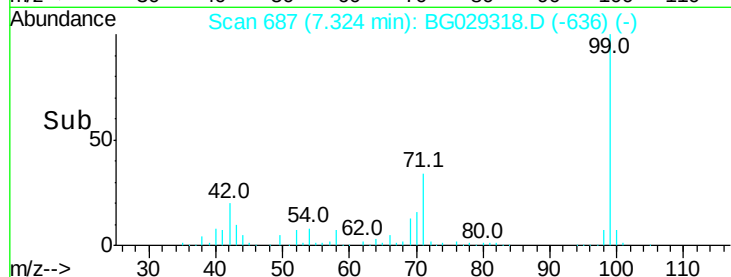
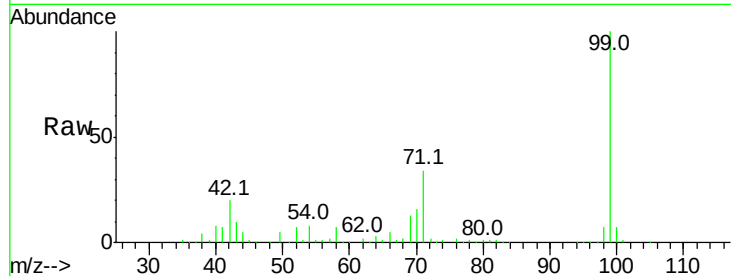
Tot Ion: 99 Resp: 772534

Ion Ratio Lower Upper

99 100

42 19.9 14.1 21.1

71 34.0 26.1 39.1



#15

Benzyl Alcohol

Concen: 2.632 ng

RT: 8.40 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG029318.D

Acq: 18 Oct 2017 2:08

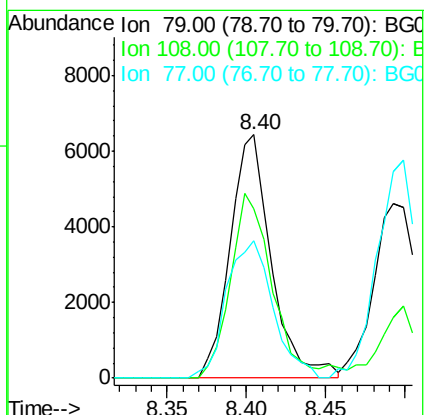
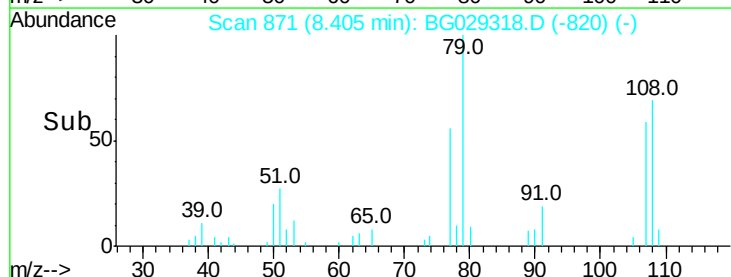
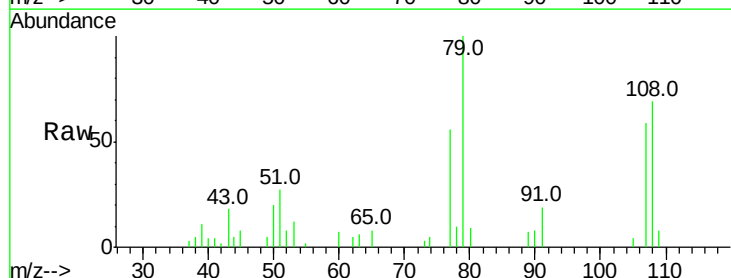
Tgt Ion: 79 Resp: 11585

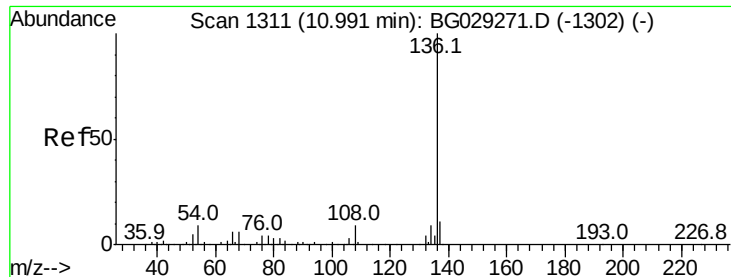
Ion Ratio Lower Upper

79 100

108 69.4 57.2 85.8

77 56.4 46.1 69.1





#21

Naphthalene-d8

Concen: 20.000 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 :

SOIL-CUTTINGS-9698

Tot Ion:136 Resp: 349262

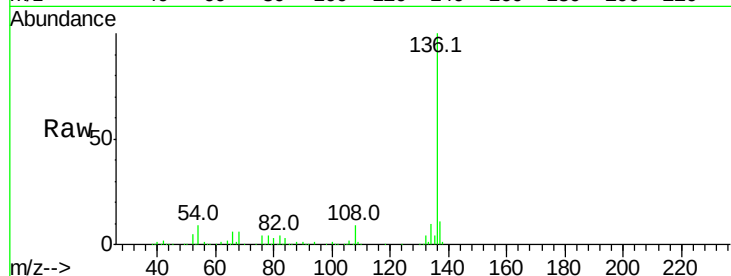
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.9 10.3 15.5#

68 6.3 4.5 6.7

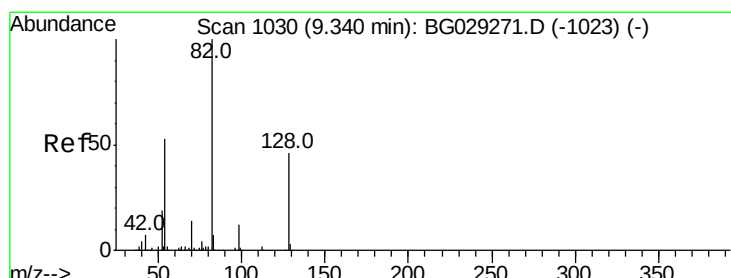
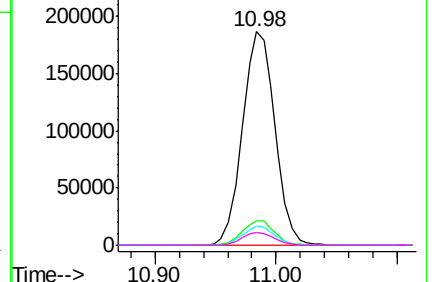
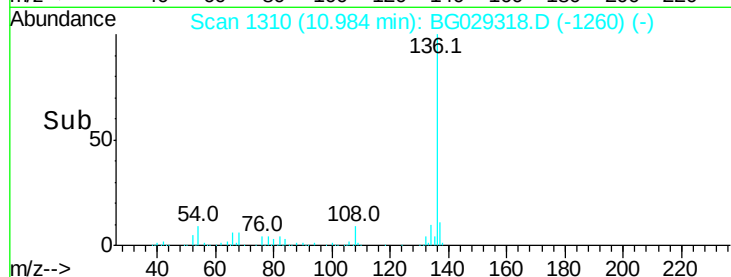


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.471 ng

RT: 9.33 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG029318.D

Acq: 18 Oct 2017 2:08

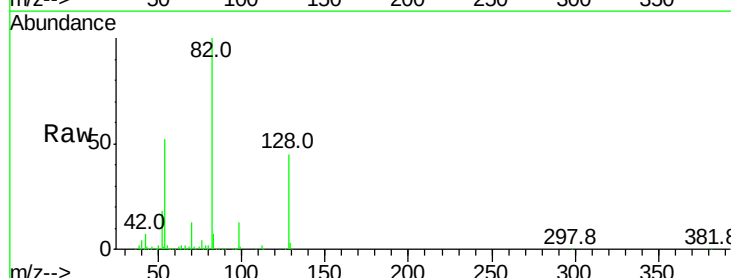
Tgt Ion: 82 Resp: 530213

Ion Ratio Lower Upper

82 100

128 44.8 29.7 44.5#

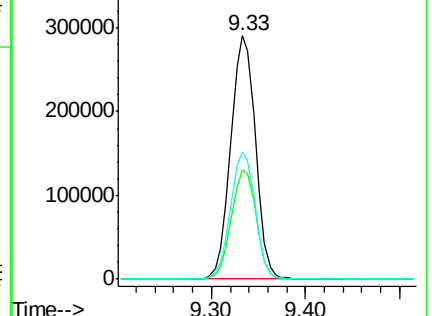
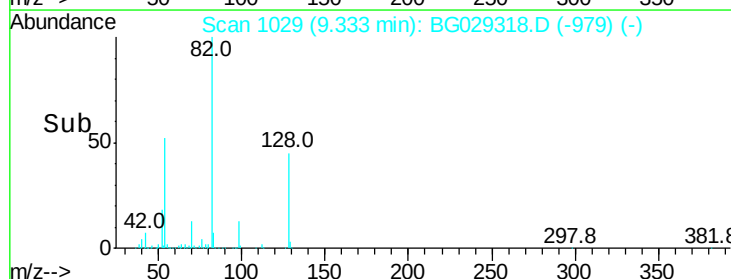
54 52.4 43.1 64.7

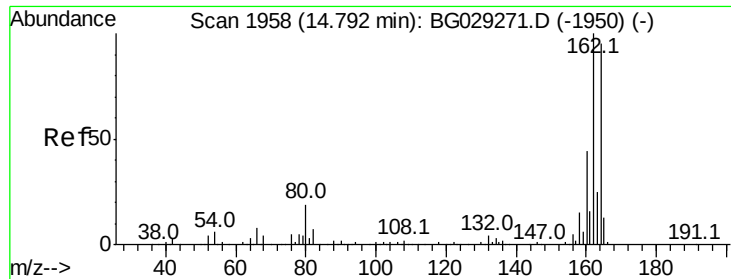


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 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 :

SOIL-CUTTINGS-9698

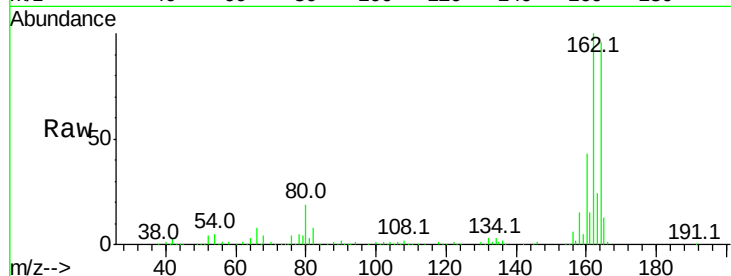
Tot Ion:164 Resp: 219738

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

200000

150000

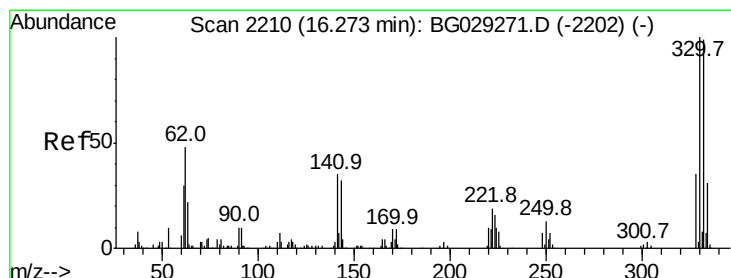
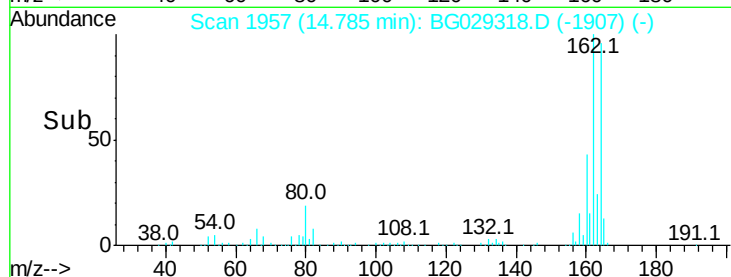
100000

50000

0

14.79

Time-->



#41

2,4,6-Tribromophenol

Concen: 103.402 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG029318.D

Acq: 18 Oct 2017 2:08

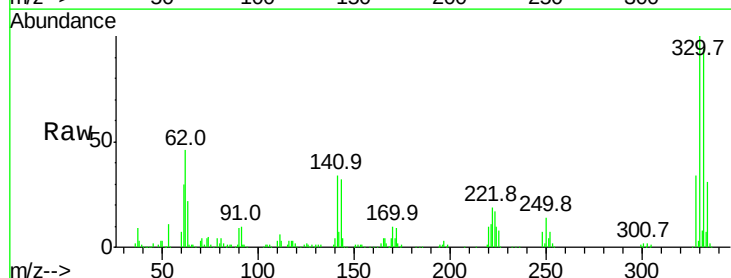
Tgt Ion:330 Resp: 293356

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

250000

200000

150000

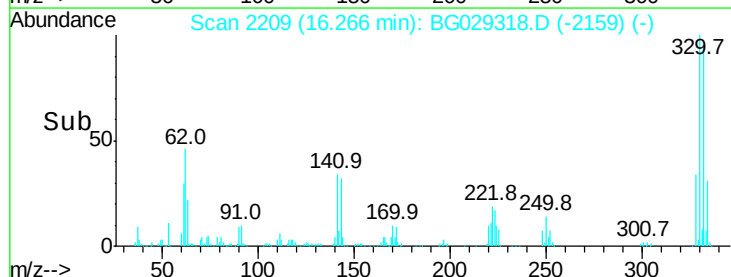
100000

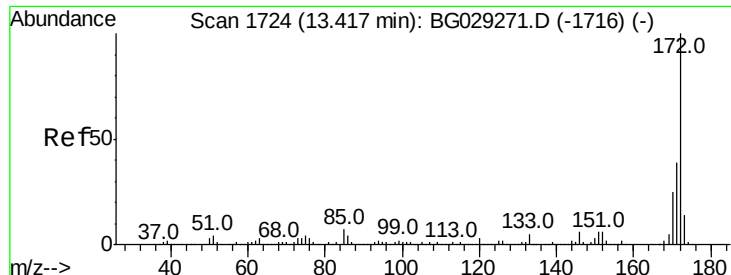
50000

0

16.27

Time-->



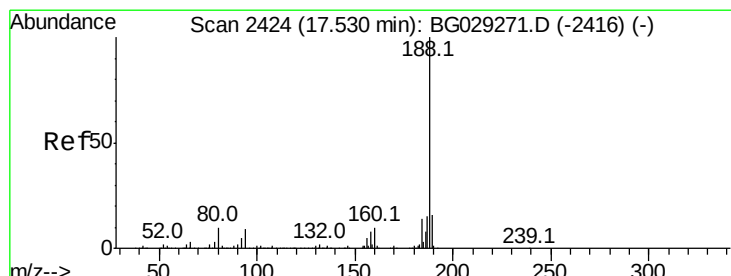
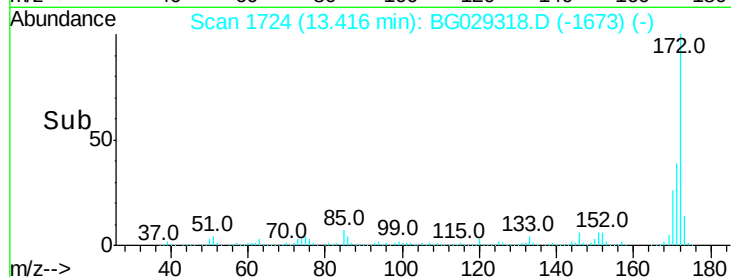
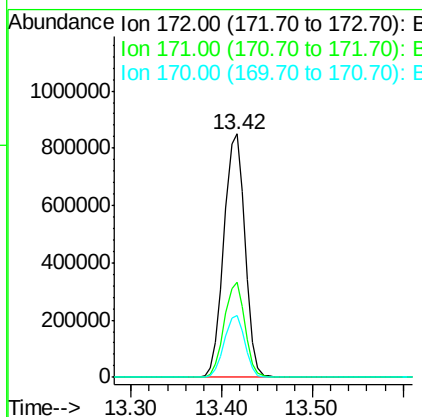
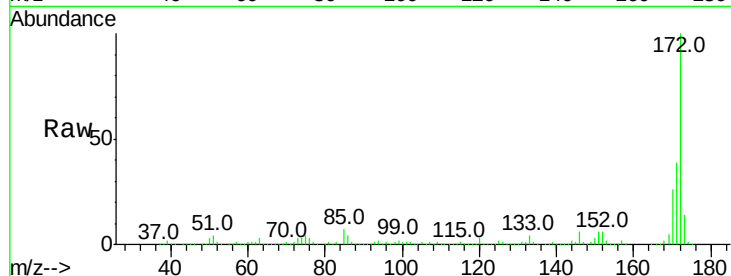


#44
 2-Fluorobiphenyl
 Concen: 91.531 ng
 RT: 13.42 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG029318.D
 Acq: 18 Oct 2017 2:08

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-CUTTINGS-9698

Tot Ion:172 Resp: 1371341

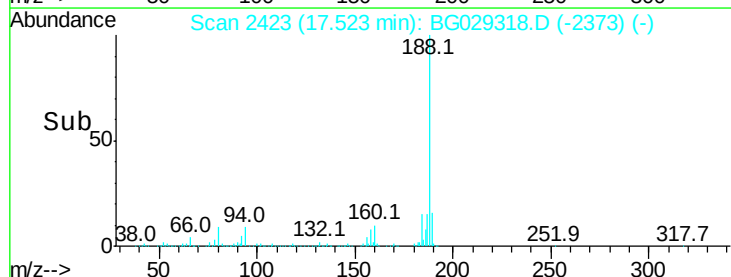
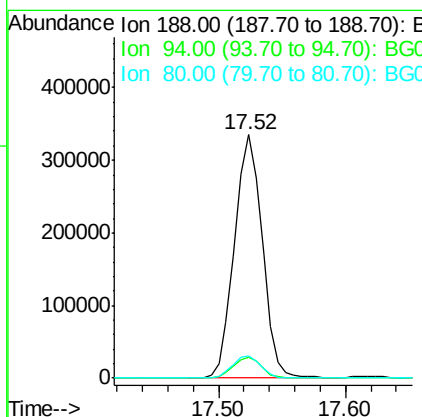
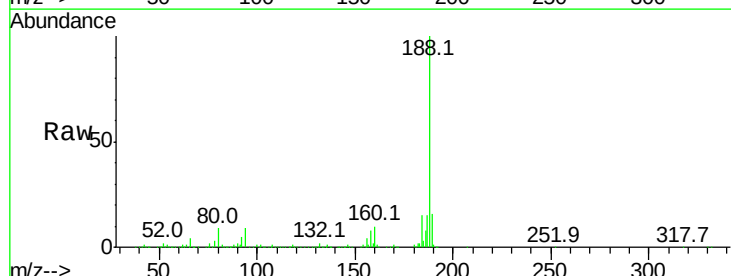
Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	25.6	19.5	29.3

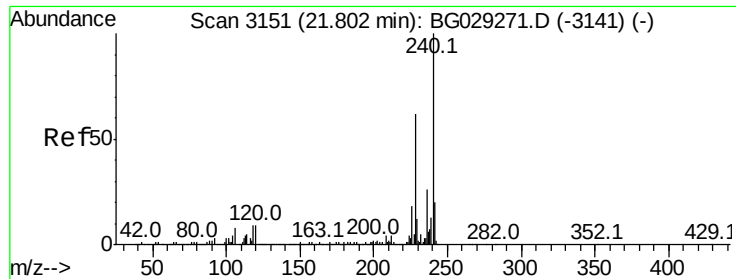


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG029318.D
 Acq: 18 Oct 2017 2:08

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: 20.000 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 :

SOIL-CUTTINGS-9698

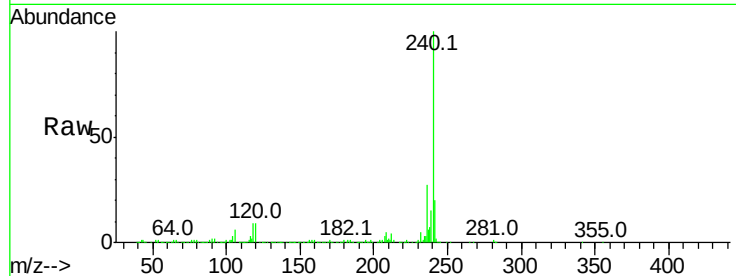
Tot Ion:240 Resp: 535880

Ion Ratio Lower Upper

240 100

120 9.4 6.8 10.2

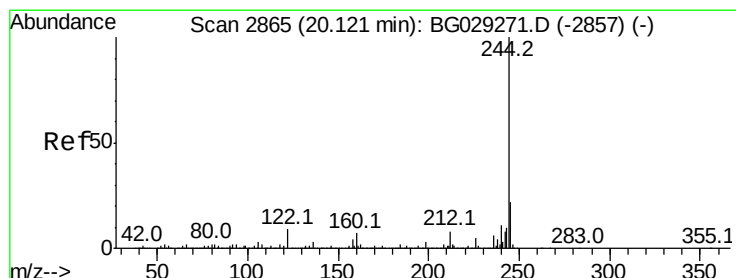
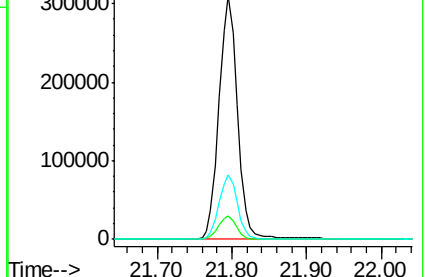
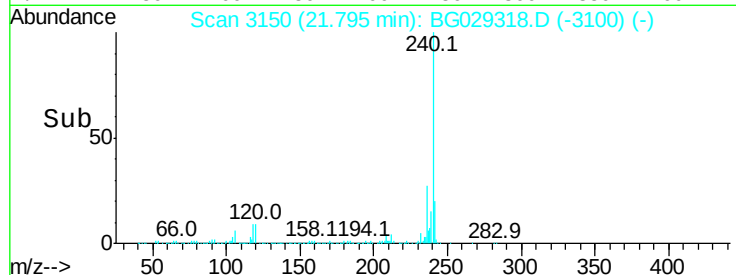
236 26.6 20.9 31.3



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: 86.167 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029318.D

Acq: 18 Oct 2017 2:08

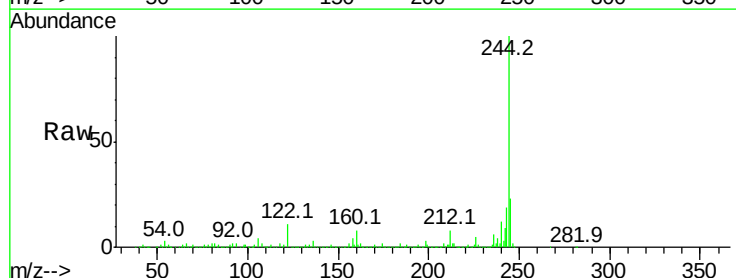
Tgt Ion:244 Resp: 2029750

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

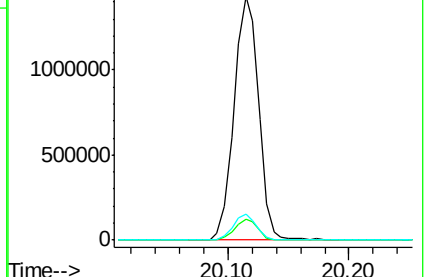
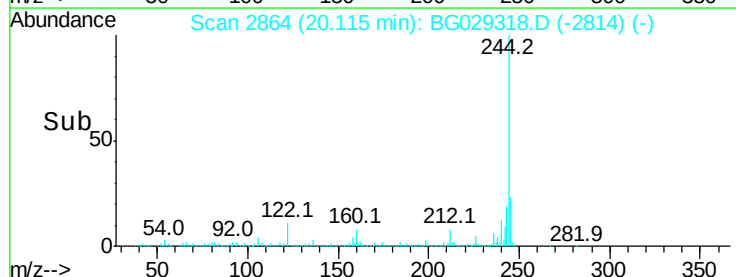
122 10.6 7.0 10.4#

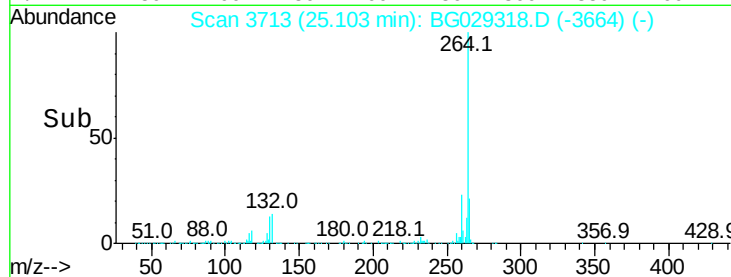
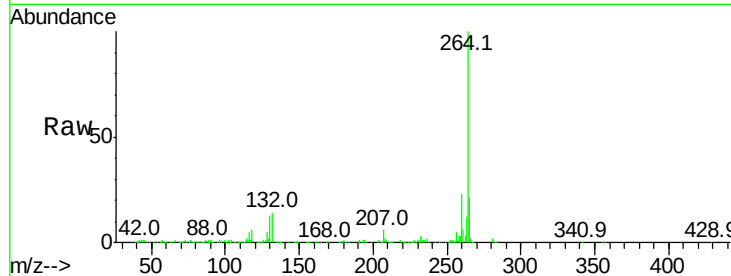
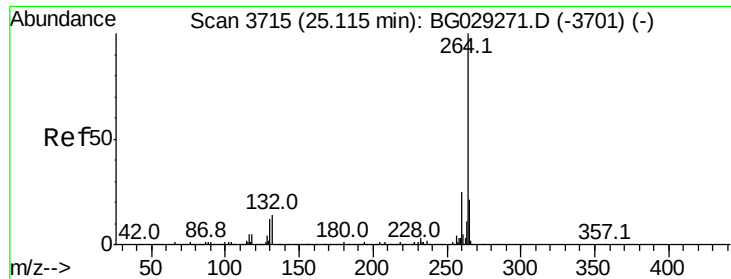


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 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
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 SOIL-CUTTINGS-9698

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.4	17.7	26.5

