

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033651.D
 Acq On : 7 Apr 2018 5:32
 Operator : SJ/JU
 Sample : J2254-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE

Quant Time: Apr 07 06:51:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

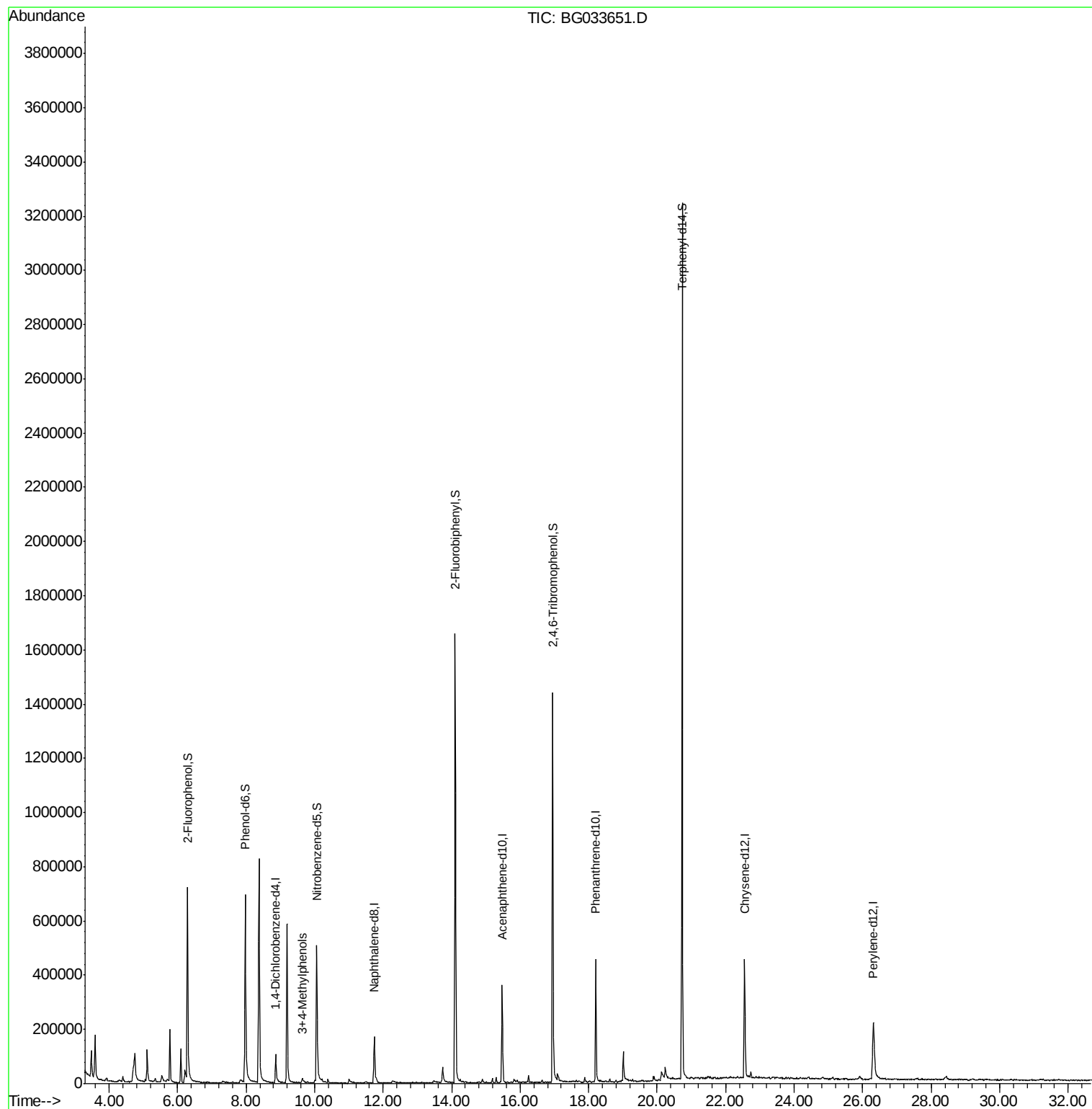
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37716	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	170922	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	133667	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	320117	20.00	ng	0.00
75) Chrysene-d12	22.55	240	327231	20.00	ng	0.00
86) Perylene-d12	26.31	264	322864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	342594	170.33	ng	0.00
7) Phenol-d6	7.97	99	480607	139.07	ng	0.00
23) Nitrobenzene-d5	10.06	82	379219	101.93	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	276335	138.23	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	920538	99.42	ng	0.00
78) Terphenyl-d14	20.73	244	1603690	104.81	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	9.64	107	13430	4.058	ng	Qvalue 85

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

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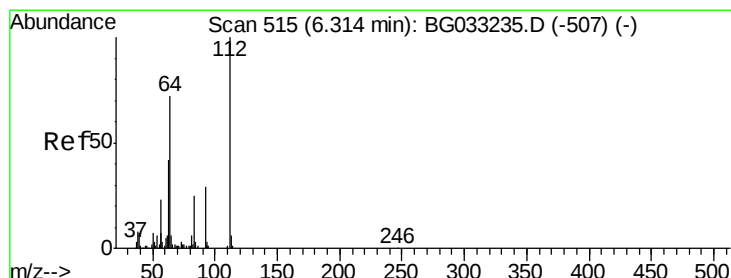
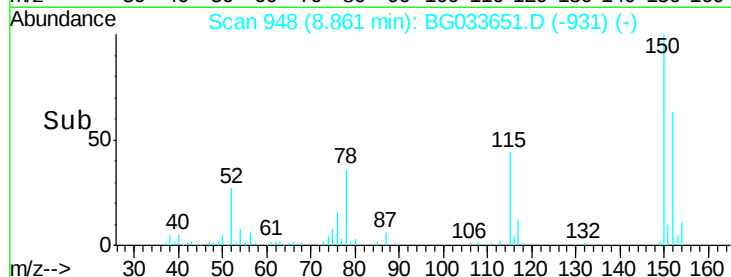
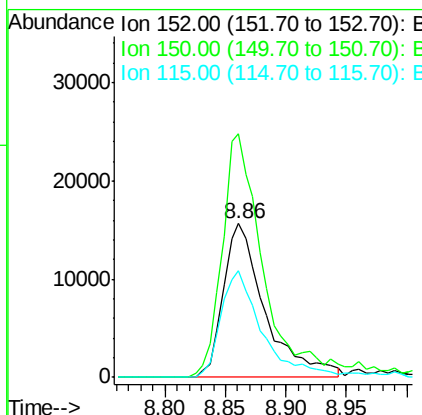
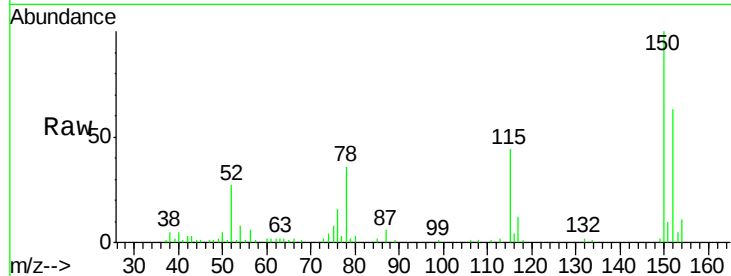


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033651.D
Acq: 7 Apr 2018 5:32

Instrument :
BNA_G
ClientSampleId :
STOCKPILE

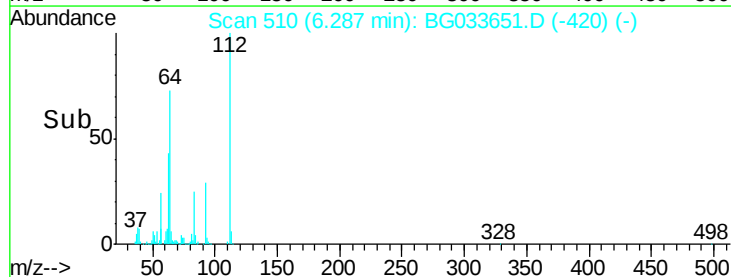
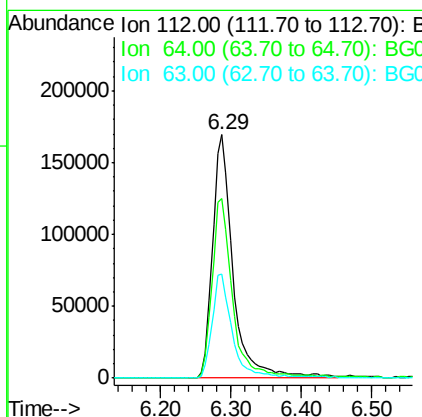
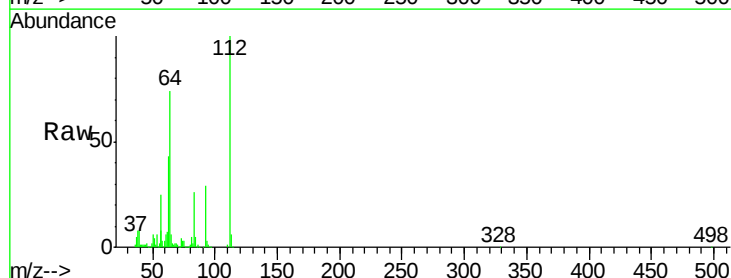
Tot Ion:152 Resp: 37716
Ion Ratio Lower Upper
152 100
150 158.5 126.6 189.8
115 69.5 53.0 79.4

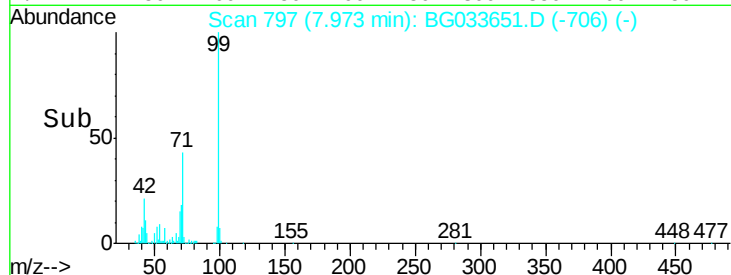
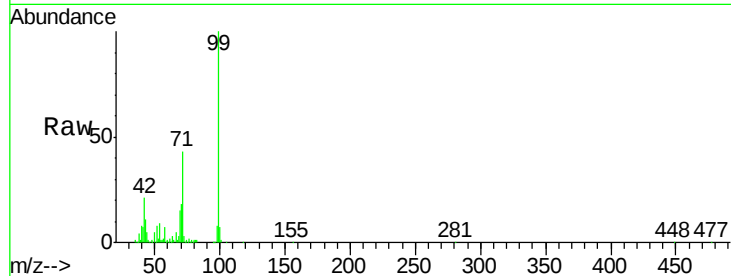
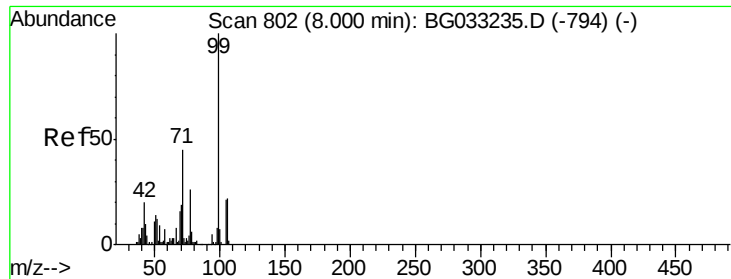


#5

2-Fluorophenol
Concen: 170.327 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033651.D
Acq: 7 Apr 2018 5:32

Tgt Ion:112 Resp: 342594
Ion Ratio Lower Upper
112 100
64 73.6 56.3 84.5
63 43.0 30.1 45.1





#7

Phenol-d6

Concen: 139.065 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033651.D

Acq: 7 Apr 2018 5:32

Instrument :

BNA_G

ClientSampleId :

STOCKPILE

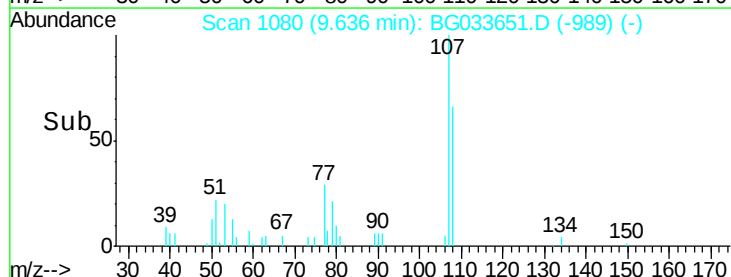
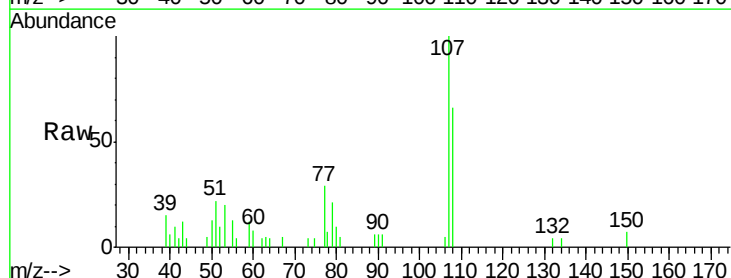
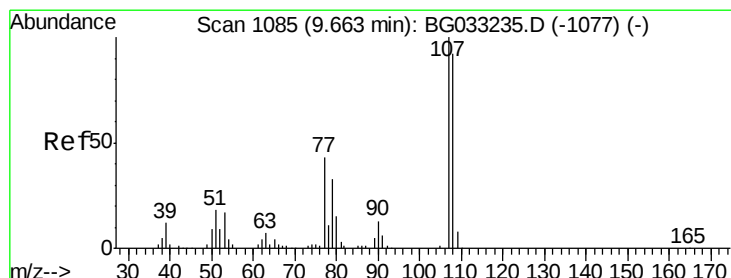
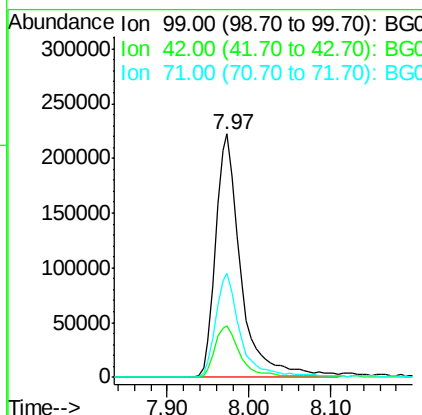
Tot Ion: 99 Resp: 480607

Ion Ratio Lower Upper

99 100

42 21.1 14.1 21.1

71 42.7 26.1 39.1#



#20

3+4-Methylphenols

Concen: 4.058 ng

RT: 9.64 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BG033651.D

Acq: 7 Apr 2018 5:32

Tgt Ion:107 Resp: 13430

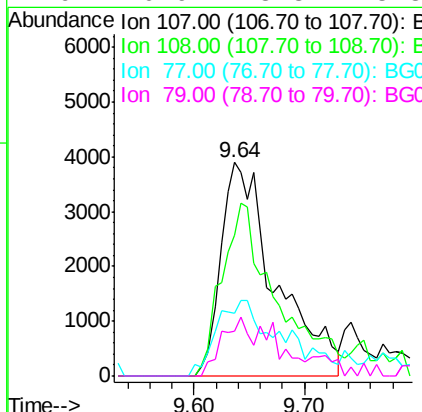
Ion Ratio Lower Upper

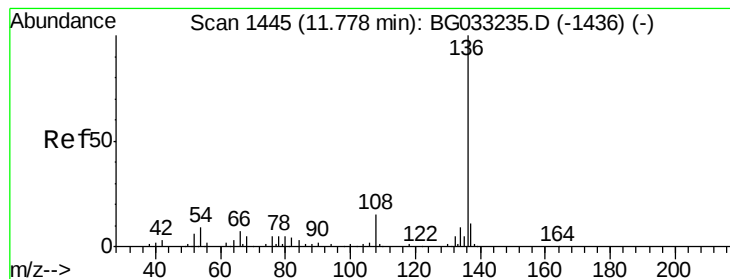
107 100

108 66.0 61.6 101.6

77 29.4 13.9 53.9

79 20.9 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BG033651.D

Acq: 7 Apr 2018 5:32

Instrument :

BNA_G

ClientSampleId :

STOCKPILE

Tot Ion:136 Resp: 170922

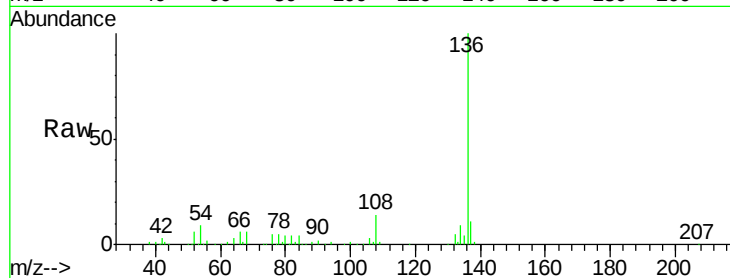
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 9.5 10.3 15.5#

68 5.8 4.5 6.7

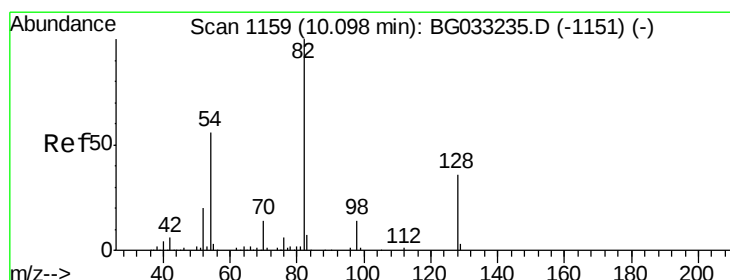
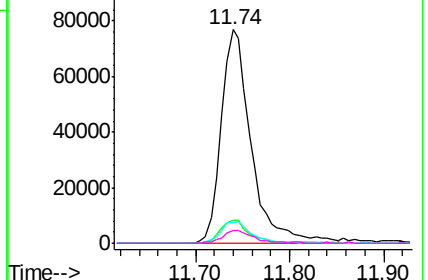
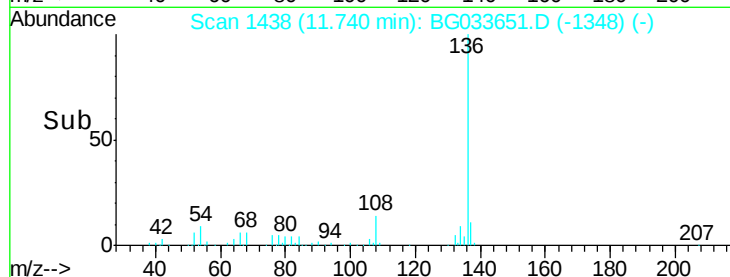


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.935 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG033651.D

Acq: 7 Apr 2018 5:32

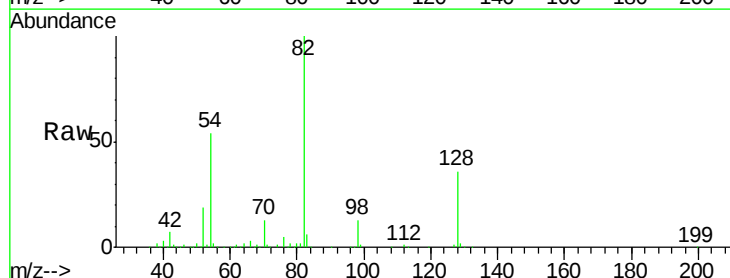
Tgt Ion: 82 Resp: 379219

Ion Ratio Lower Upper

82 100

128 35.6 29.7 44.5

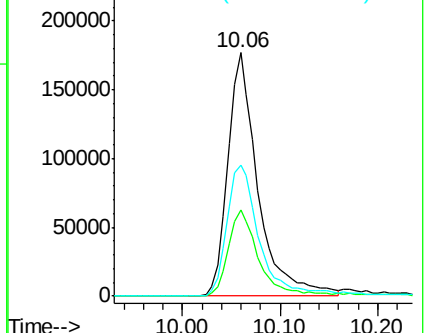
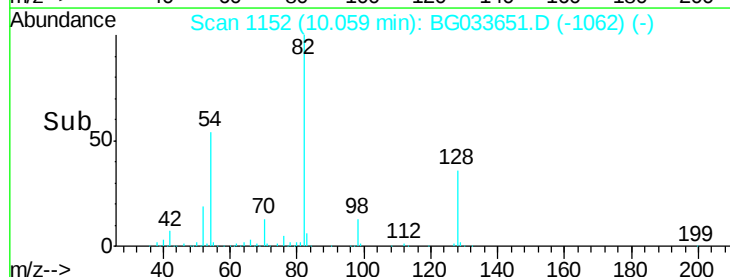
54 53.5 43.1 64.7



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

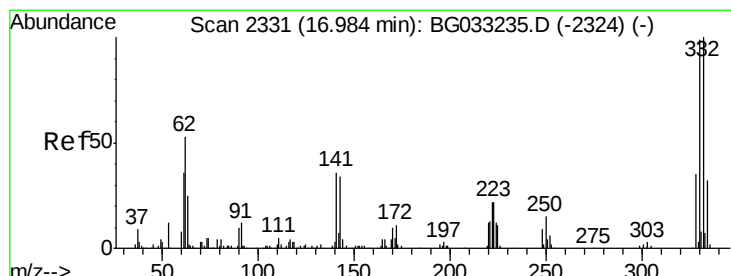
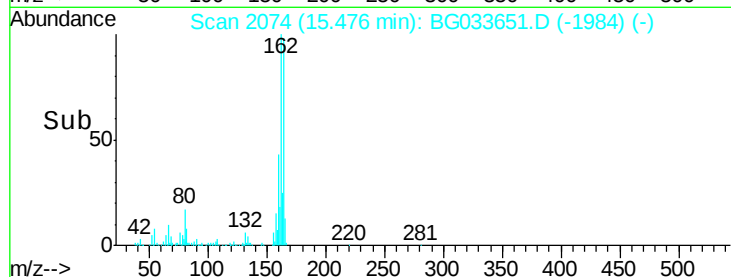
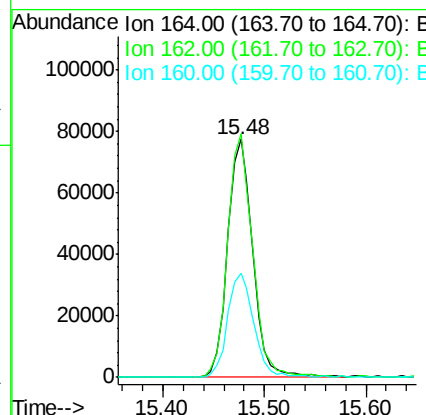
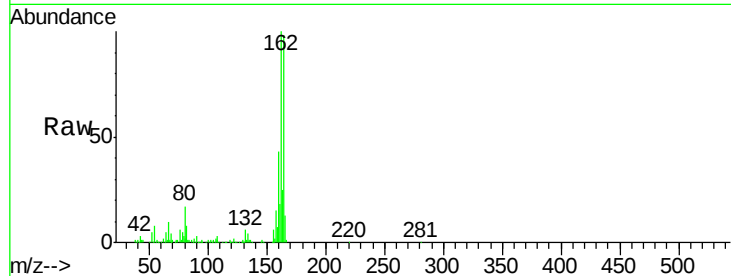




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG033651.D
Acq: 7 Apr 2018 5:32

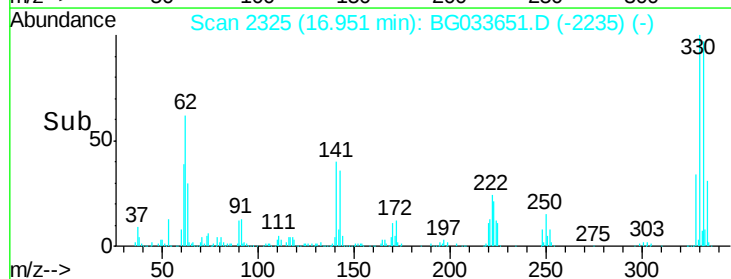
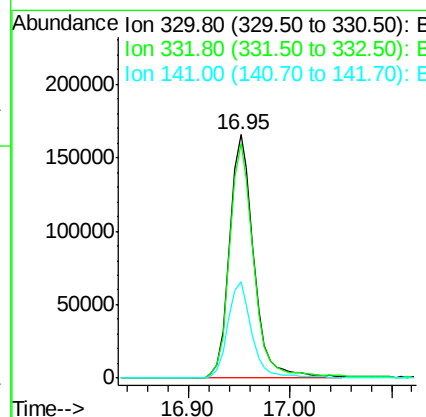
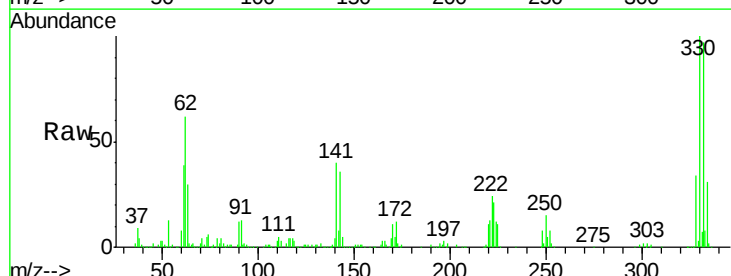
Instrument :
BNA_G
ClientSampleId :
STOCKPILE

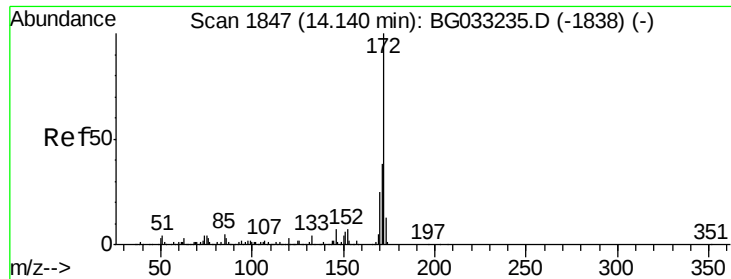
Tot Ion:164 Resp: 133667
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 43.9 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 138.227 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG033651.D
Acq: 7 Apr 2018 5:32

Tgt Ion:330 Resp: 276335
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 39.2 25.2 37.8#

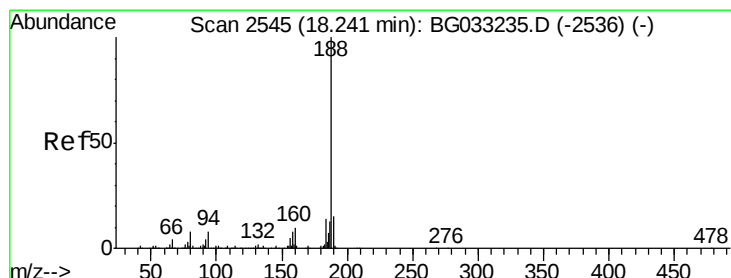
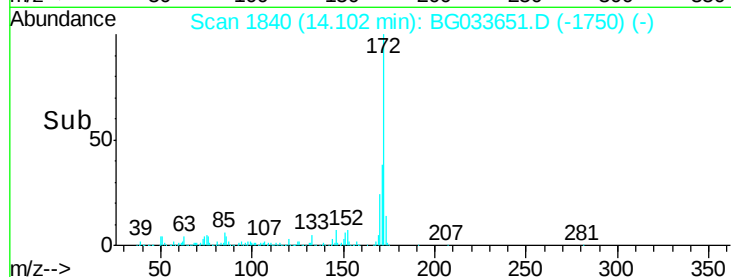
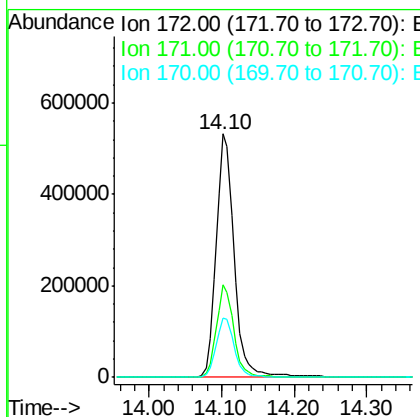
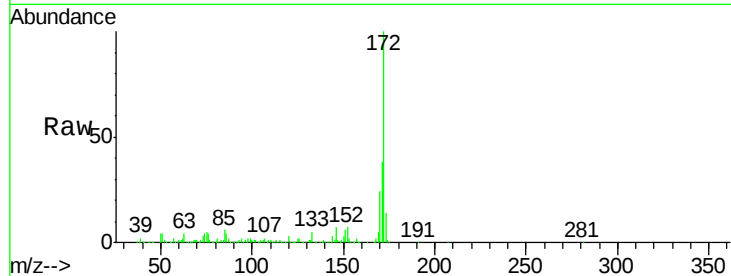




#44
 2-Fluorobiphenyl
 Concen: 99.420 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033651.D
 Acq: 7 Apr 2018 5:32

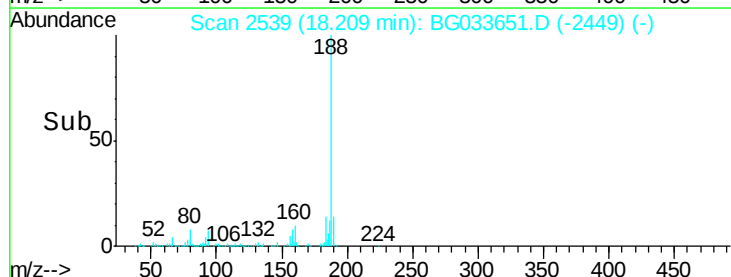
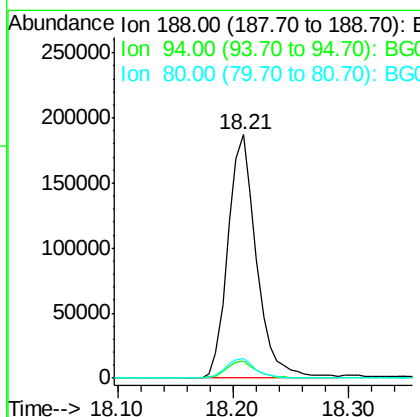
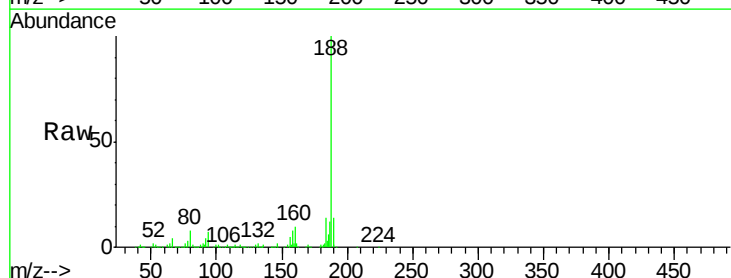
Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE

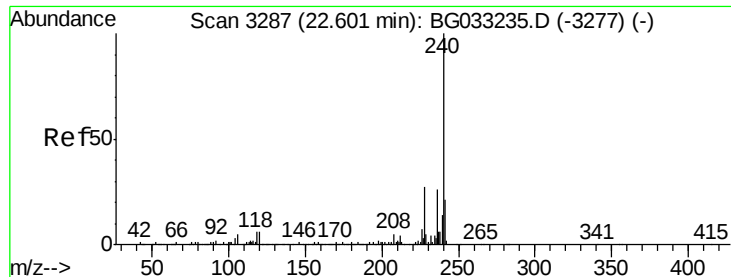
Tot Ion:172 Resp: 920538
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 24.4 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033651.D
 Acq: 7 Apr 2018 5:32

Tgt Ion:188 Resp: 320117
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.9 10.3
 80 8.0 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033651.D

Acq: 7 Apr 2018 5:32

Instrument :

BNA_G

ClientSampleId :

STOCKPILE

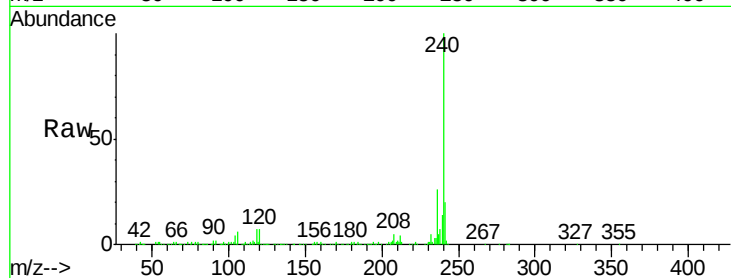
Tot Ion:240 Resp: 327231

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

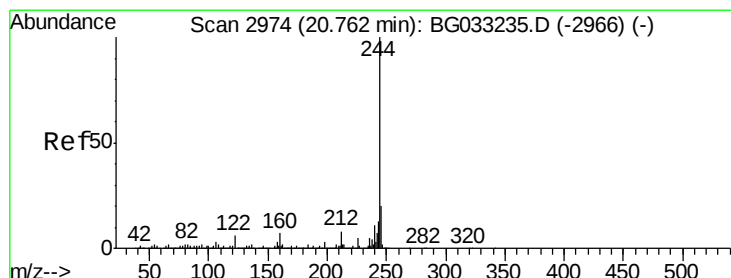
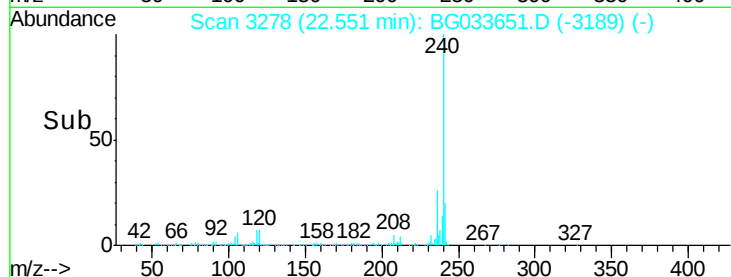
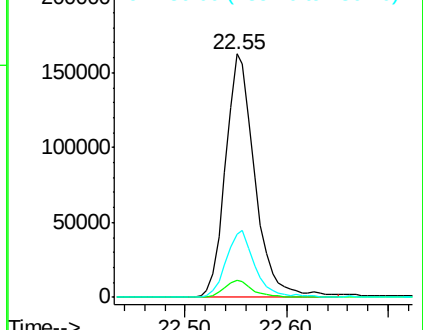
236 26.2 20.9 31.3



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: 104.809 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033651.D

Acq: 7 Apr 2018 5:32

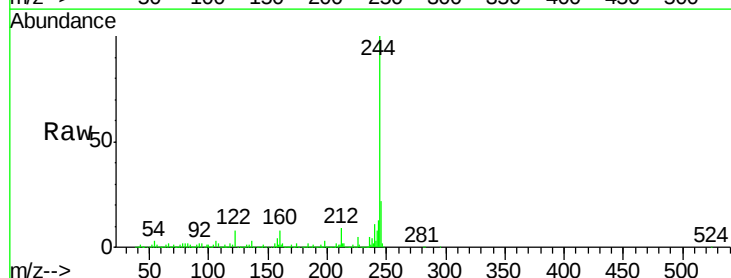
Tgt Ion:244 Resp: 1603690

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

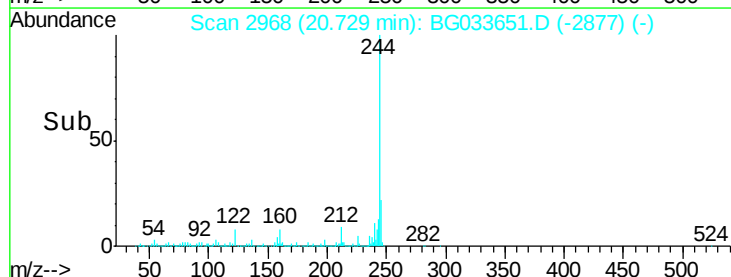
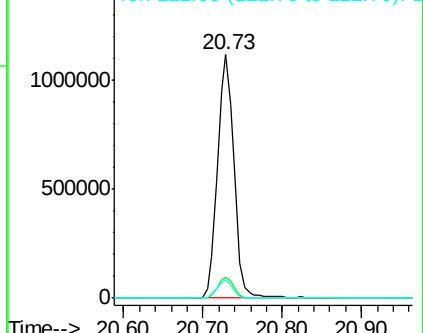
122 7.6 7.0 10.4

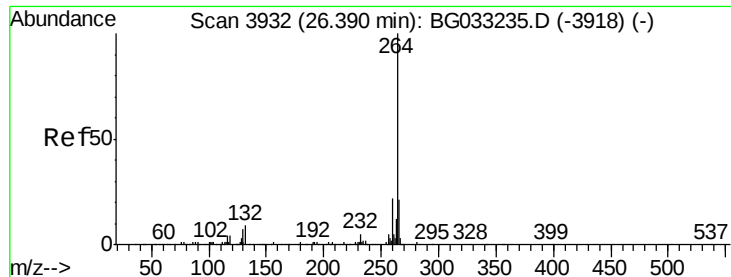


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.31 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BG033651.D
Acq: 7 Apr 2018 5:32

Instrument :
BNA_G
ClientSampleId :
STOCKPILE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	20.0	17.7	26.5

