

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033578.D
 Acq On : 5 Apr 2018 3:49
 Operator : SJ/JU
 Sample : J2185-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOWER-CONCRETE-SLAB-1

Quant Time: Apr 05 05:41:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

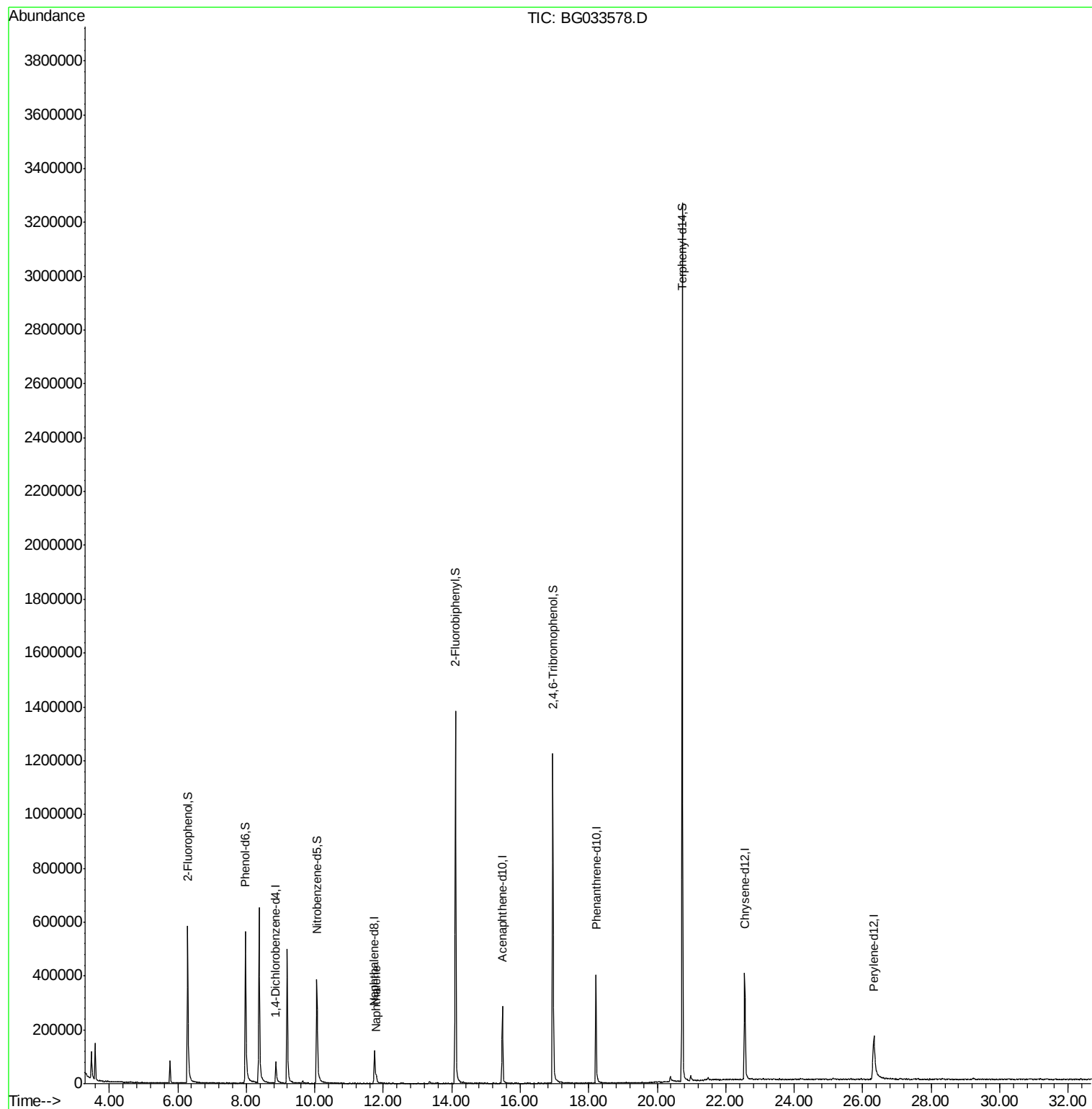
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29908	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	130614	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	104615	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	295140	20.00	ng	0.00
75) Chrysene-d12	22.56	240	310648	20.00	ng	0.00
86) Perylene-d12	26.33	264	279407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	284502	178.37	ng	0.00
7) Phenol-d6	7.98	99	407283	148.62	ng	0.00
23) Nitrobenzene-d5	10.06	82	323693	113.86	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	247067	157.91	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	790250	109.05	ng	0.00
78) Terphenyl-d14	20.73	244	1634861	112.55	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	21645	3.198	ng	Qvalue 95

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

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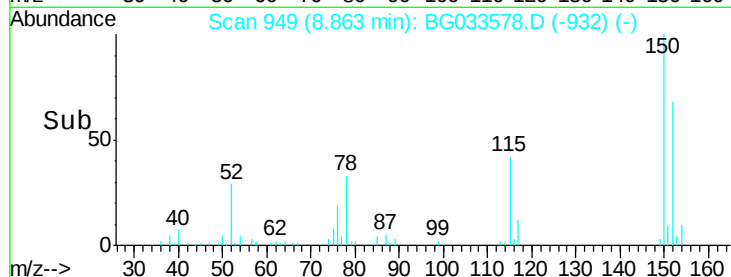
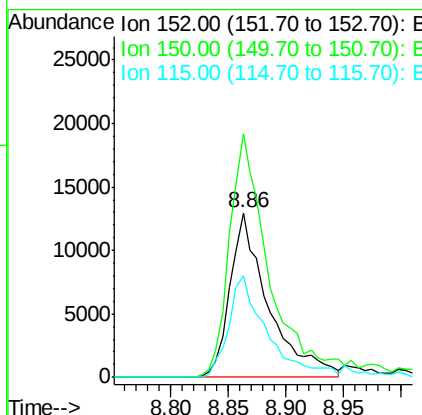
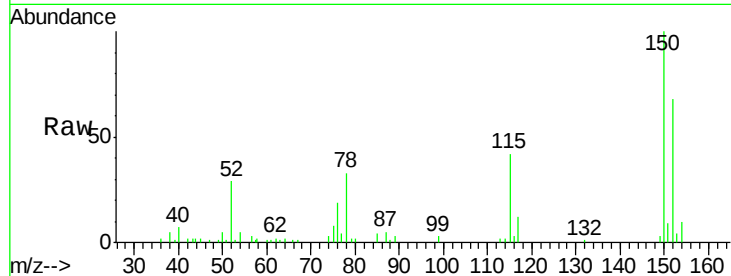


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033578.D
Acq: 5 Apr 2018 3:49

Instrument :
BNA_G
ClientSampleId :
LOWER-CONCRETE-SLAB-1

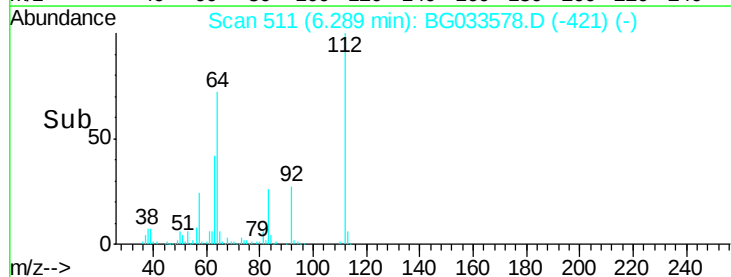
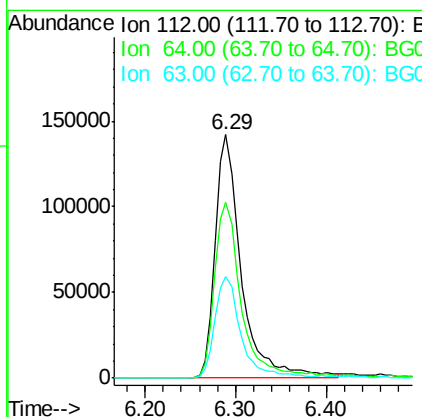
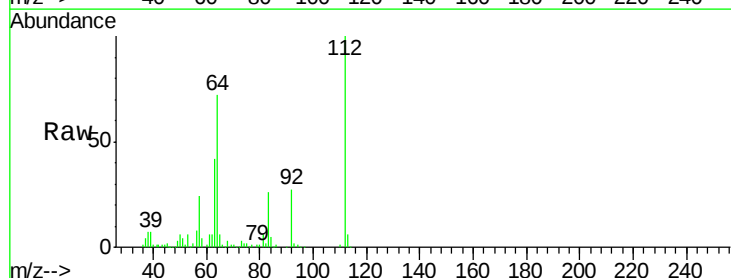
Tot Ion:152 Resp: 29908
Ion Ratio Lower Upper
152 100
150 147.9 126.6 189.8
115 61.4 53.0 79.4

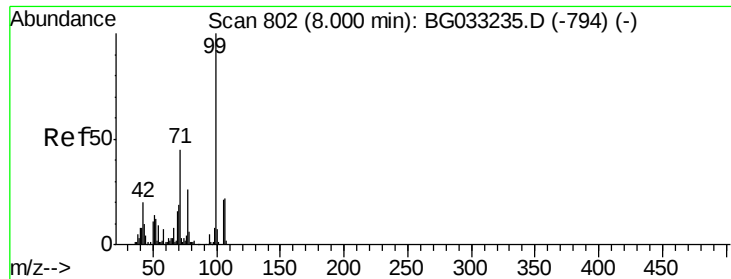


#5

2-Fluorophenol
Concen: 178.372 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033578.D
Acq: 5 Apr 2018 3:49

Tgt Ion:112 Resp: 284502
Ion Ratio Lower Upper
112 100
64 72.1 56.3 84.5
63 42.0 30.1 45.1





#7

Phenol-d6

Concen: 148.615 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

Instrument :

BNA_G

ClientSampleId :

LOWER-CONCRETE-SLAB-1

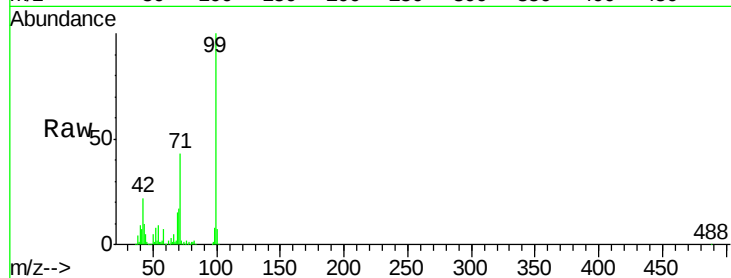
Tot Ion: 99 Resp: 407283

Ion Ratio Lower Upper

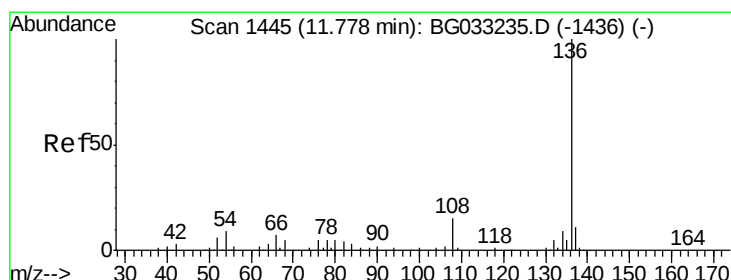
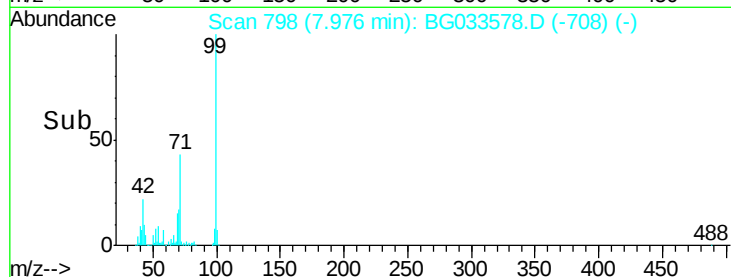
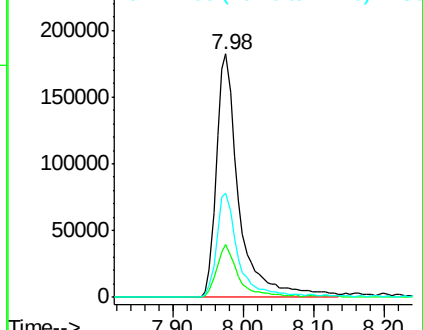
99 100

42 21.8 14.1 21.1#

71 42.6 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: 11.75 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

Tgt Ion: 136 Resp: 130614

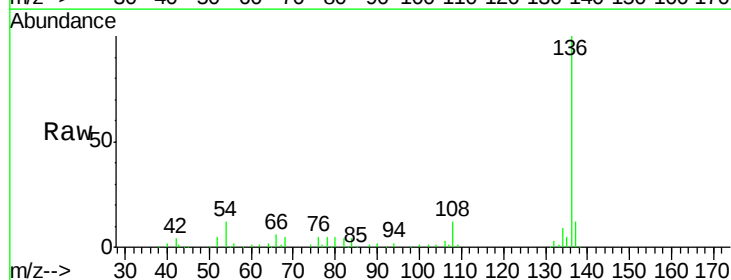
Ion Ratio Lower Upper

136 100

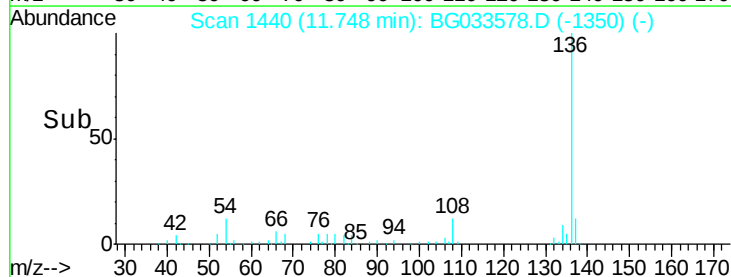
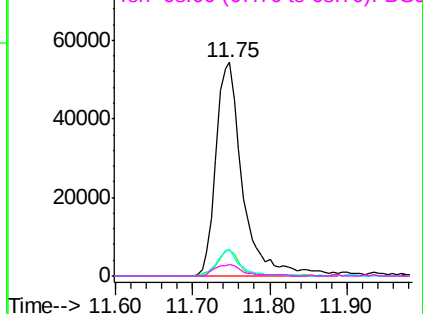
137 12.0 9.2 13.8

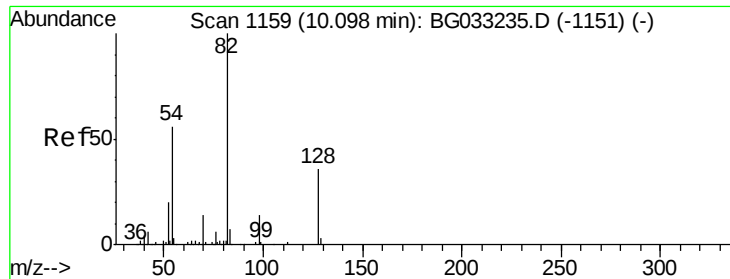
54 12.3 10.3 15.5

68 5.1 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

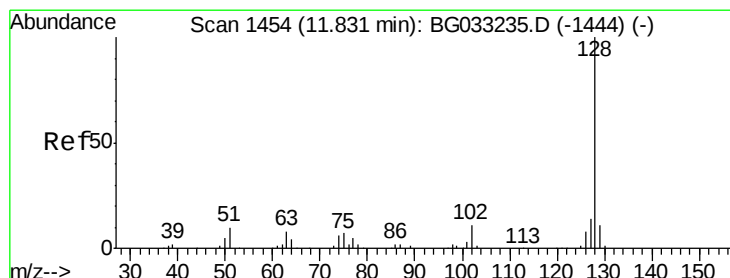
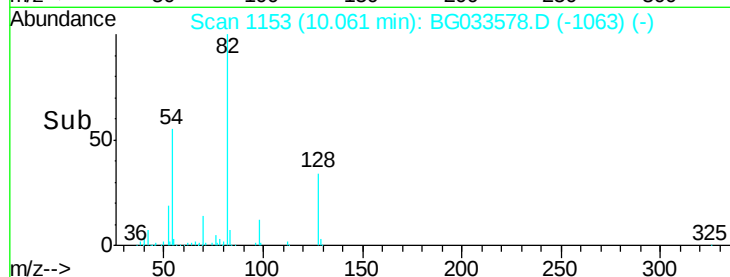
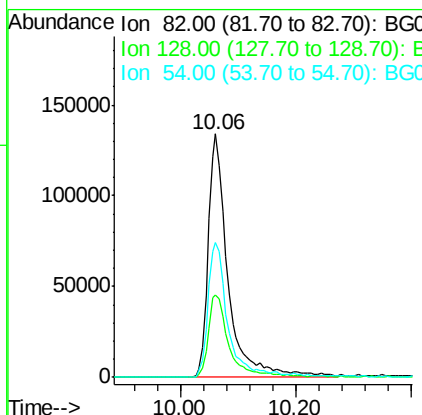
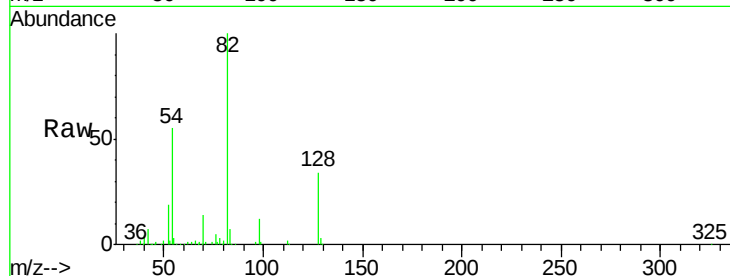




#23
 Nitrobenzene-d5
 Concen: 113.860 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033578.D
 Acq: 5 Apr 2018 3:49

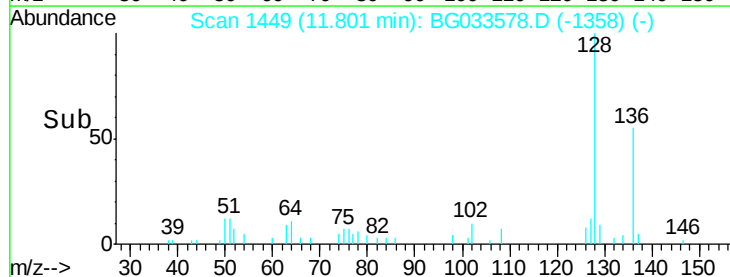
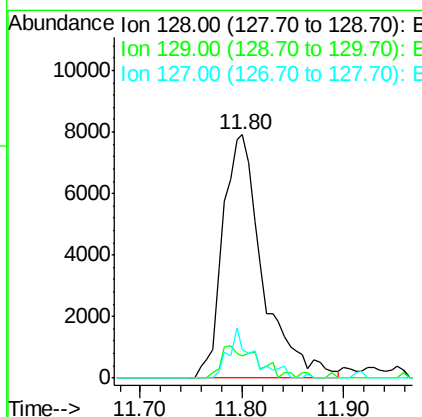
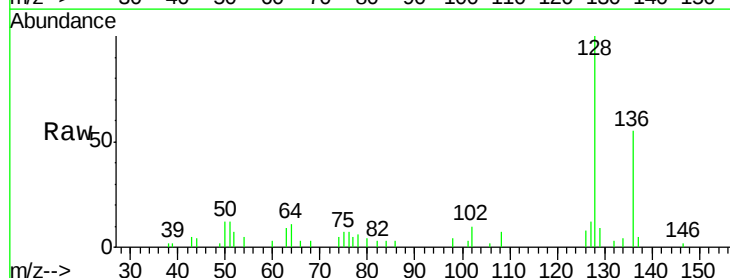
Instrument :
 BNA_G
 ClientSampleId :
 LOWER-CONCRETE-SLAB-1

Tot Ion: 82 Resp: 323693
 Ion Ratio Lower Upper
 82 100
 128 33.8 29.7 44.5
 54 55.5 43.1 64.7



#31
 Naphthalene
 Concen: 3.198 ng
 RT: 11.80 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BG033578.D
 Acq: 5 Apr 2018 3:49

Tgt Ion:128 Resp: 21645
 Ion Ratio Lower Upper
 128 100
 129 9.2 8.6 12.8
 127 11.9 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

Instrument :

BNA_G

ClientSampleId :

LOWER-CONCRETE-SLAB-1

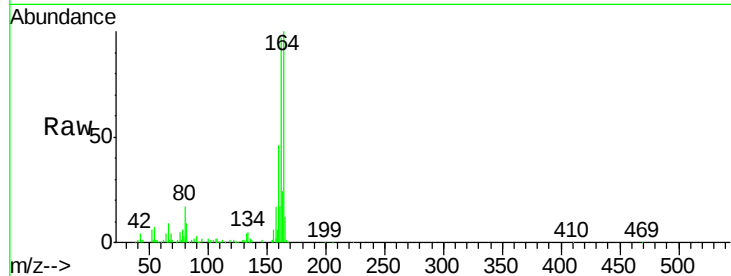
Tot Ion:164 Resp: 104615

Ion Ratio Lower Upper

164 100

162 97.3 78.8 118.2

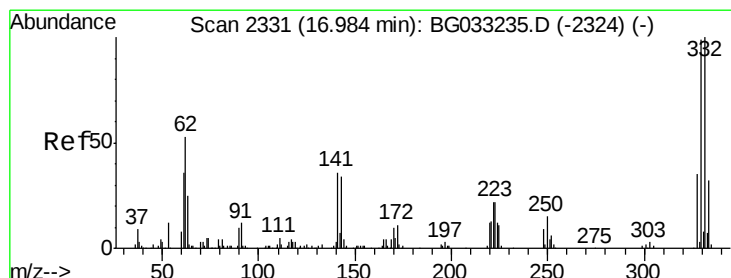
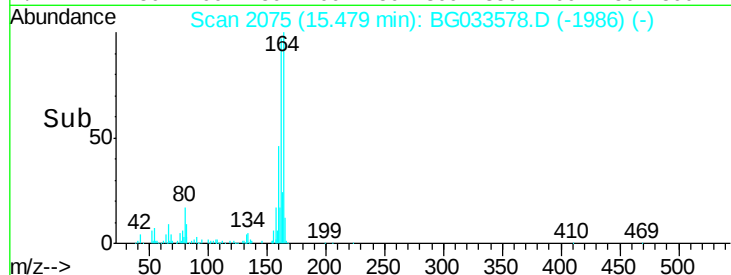
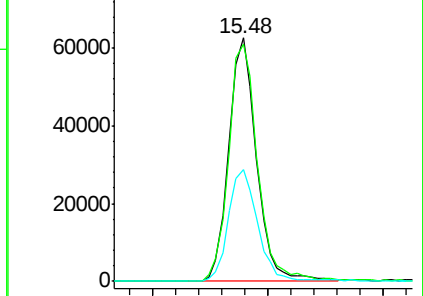
160 46.1 35.4 53.0



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: 157.907 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

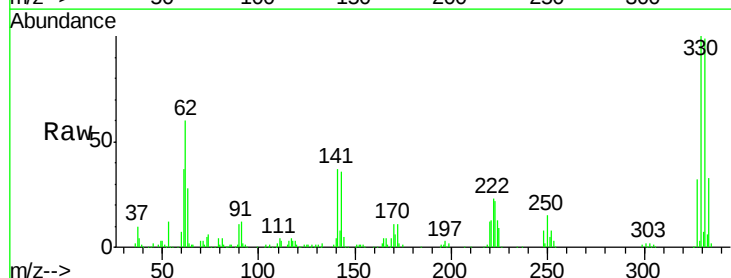
Tgt Ion:330 Resp: 247067

Ion Ratio Lower Upper

330 100

332 98.4 77.0 115.6

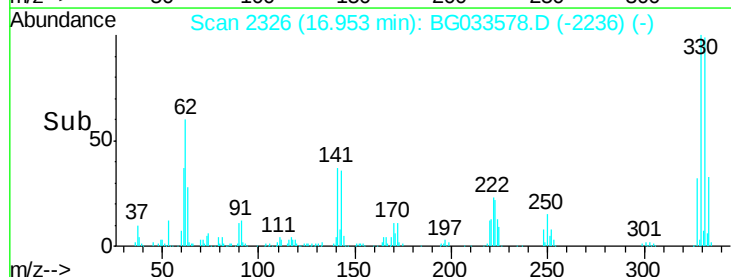
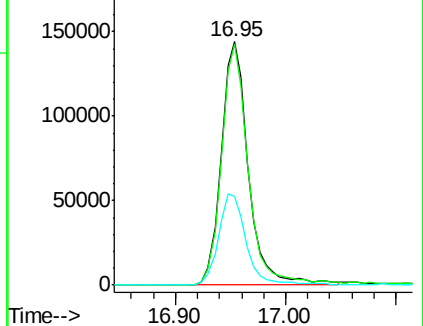
141 38.4 25.2 37.8#



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

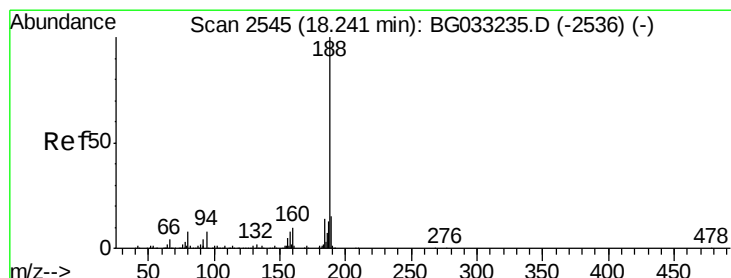
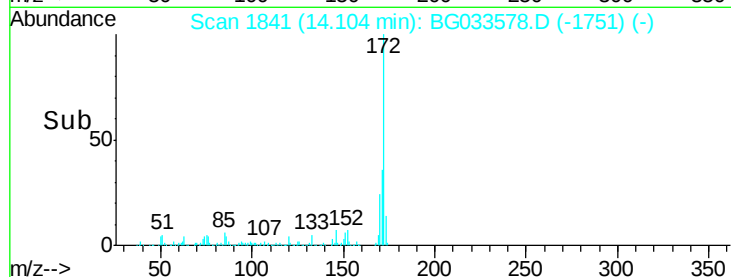
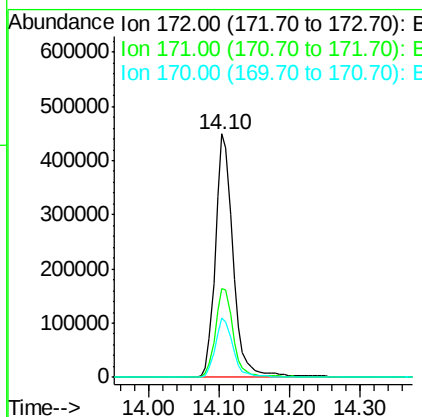
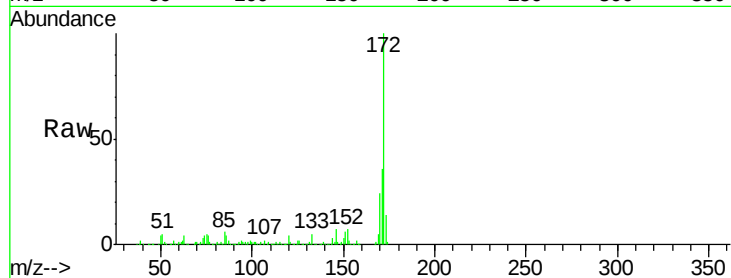




#44
 2-Fluorobiphenyl
 Concen: 109.051 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033578.D
 Acq: 5 Apr 2018 3:49

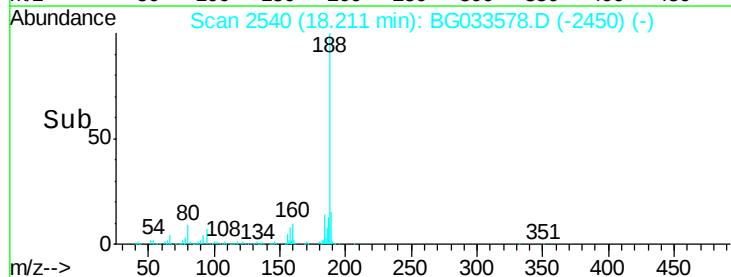
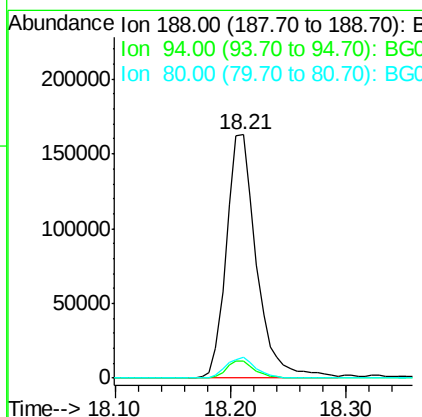
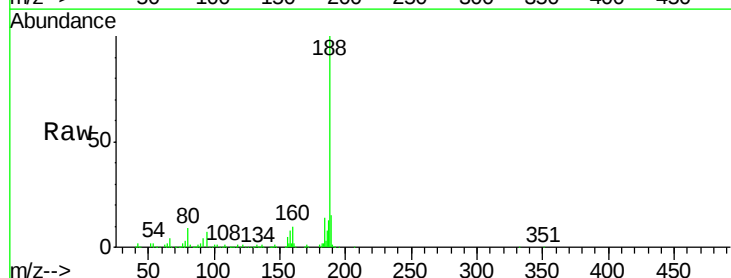
Instrument :
 BNA_G
 ClientSampleId :
 LOWER-CONCRETE-SLAB-1

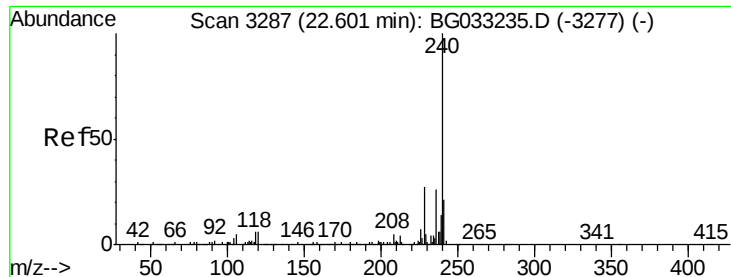
Tot Ion:172 Resp: 790250
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 24.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033578.D
 Acq: 5 Apr 2018 3:49

Tgt Ion:188 Resp: 295140
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.9 10.3
 80 8.7 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

Instrument :

BNA_G

ClientSampleId :

LOWER-CONCRETE-SLAB-1

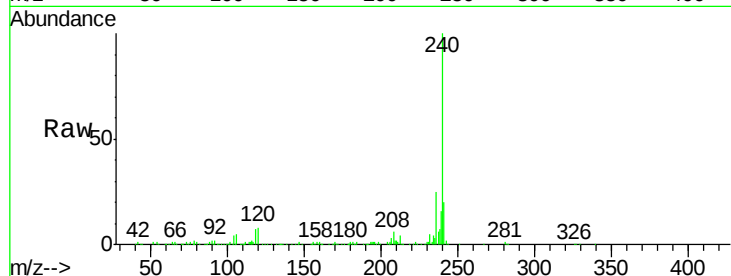
Tot Ion:240 Resp: 310648

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

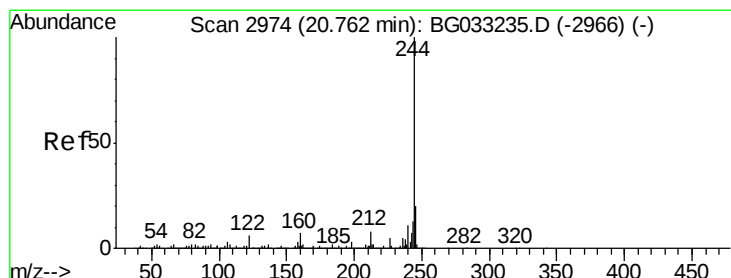
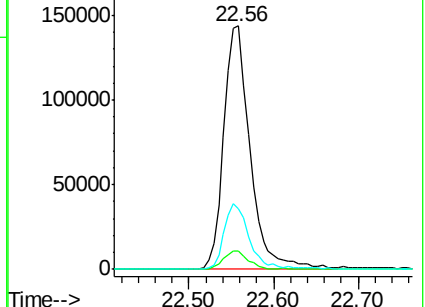
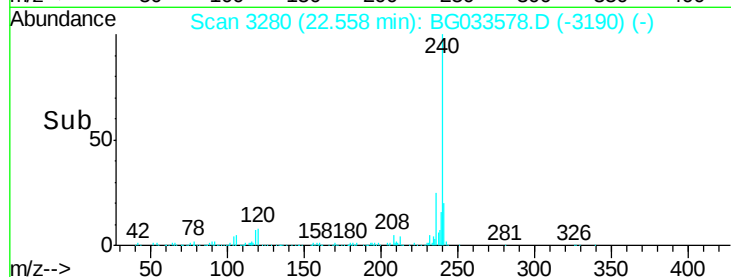
236 25.0 20.9 31.3



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: 112.549 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

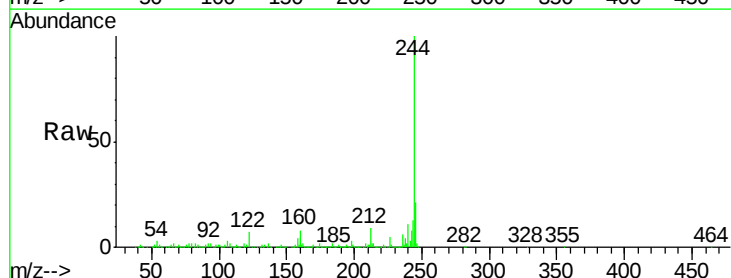
Tgt Ion:244 Resp: 1634861

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

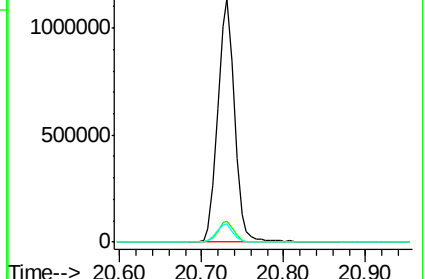
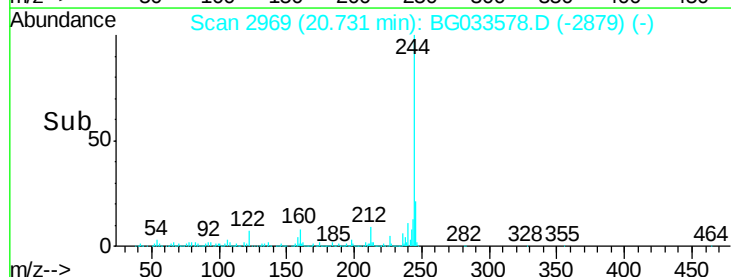
122 7.5 7.0 10.4



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: 26.33 min Scan# 3922
Delta R.T. 0.01 min
Lab File: BG033578.D
Acq: 5 Apr 2018 3:49

Instrument :
BNA_G
ClientSampleId :
LOWER-CONCRETE-SLAB-1

Tot Ion:264 Resp: 279407

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	20.1	17.7	26.5

