

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033314.D
 Acq On : 23 Mar 2018 5:06
 Operator : SJ/JU
 Sample : J1997-24
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLAB-CONCRETE-A

Quant Time: Mar 23 07:16:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

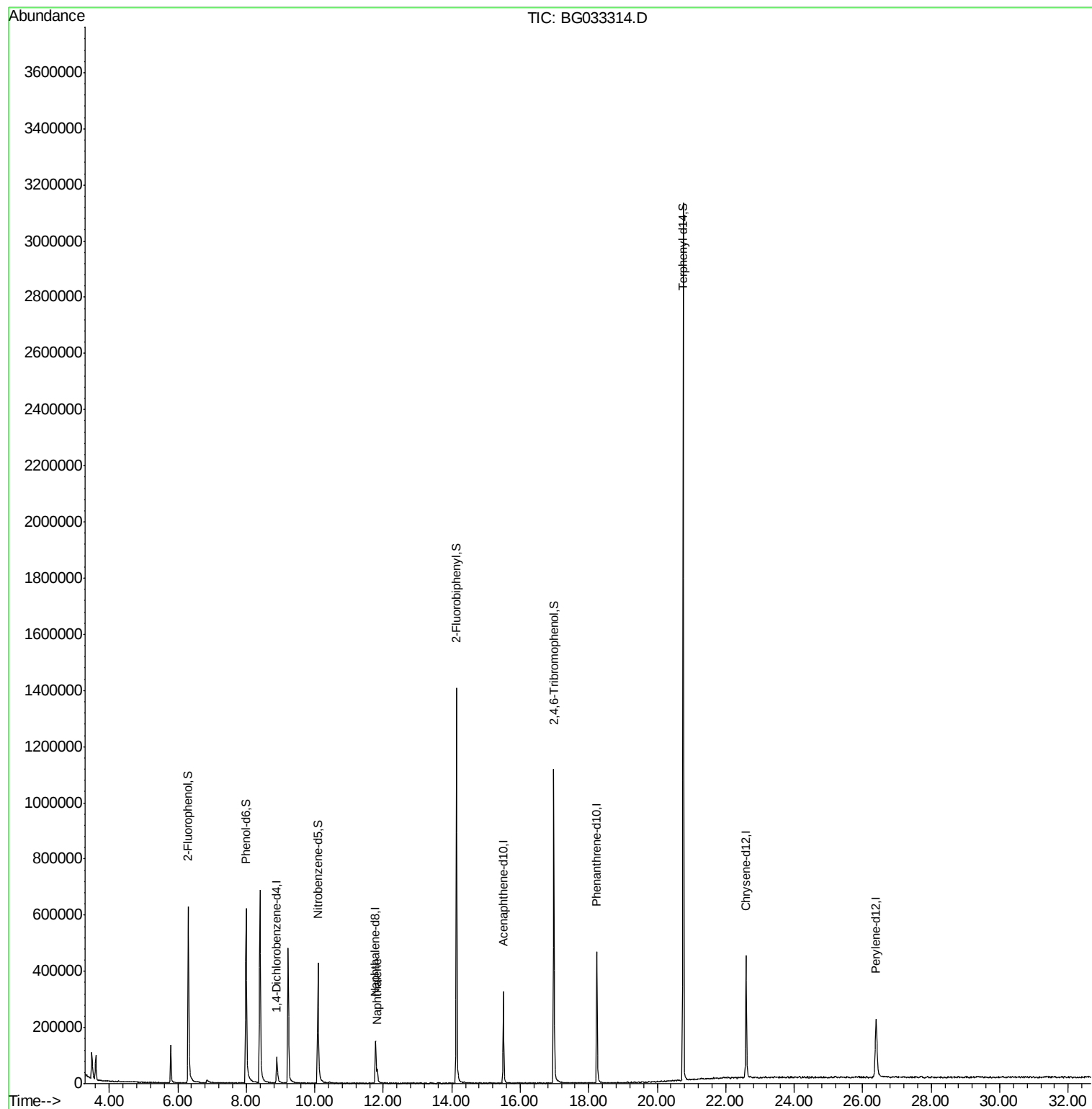
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35361	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	155089	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	124619	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	342203	20.00	ng	0.00
75) Chrysene-d12	22.59	240	330346	20.00	ng	0.00
86) Perylene-d12	26.39	264	322693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	310957	164.89	ng	0.00
7) Phenol-d6	7.99	99	434023	133.95	ng	0.00
23) Nitrobenzene-d5	10.09	82	335689	99.45	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	240787	129.19	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	826322	95.72	ng	0.00
78) Terphenyl-d14	20.76	244	1609046	104.17	ng	0.00
Target Compounds						
31) Naphthalene	11.83	128	43629	5.429	ng	Qvalue 94

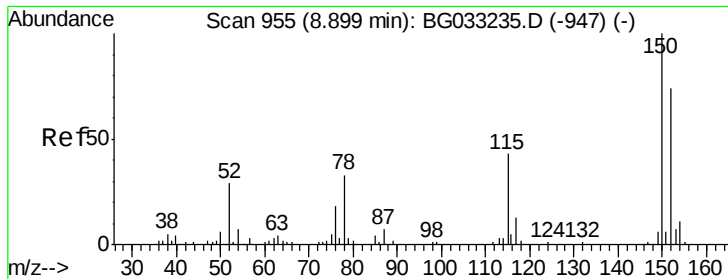
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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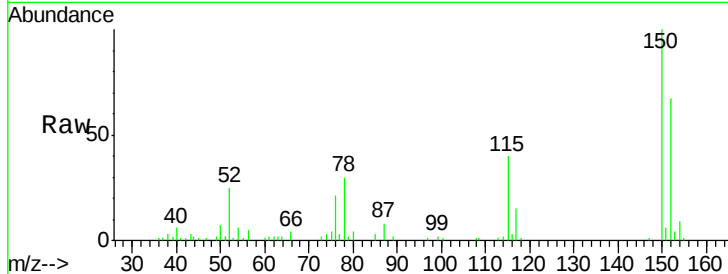


#1

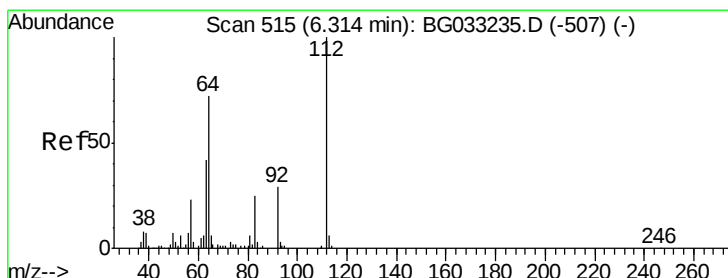
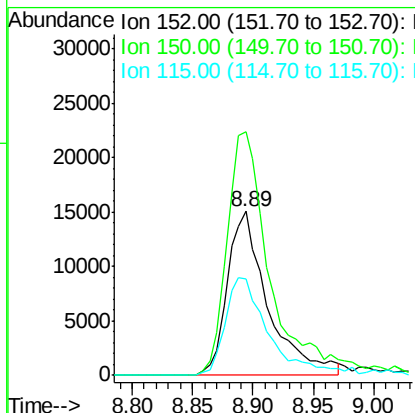
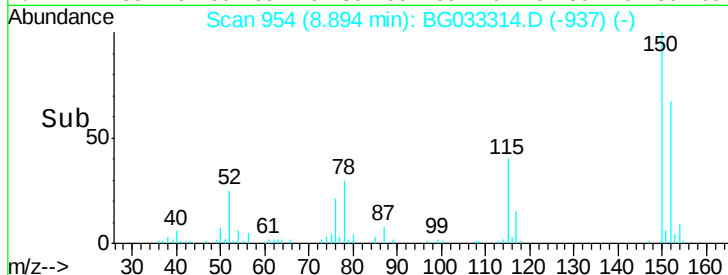
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033314.D
Acq: 23 Mar 2018 5:06

Instrument :
BNA_G
ClientSampleId :
SLAB-CONCRETE-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	126.6	189.8
115	58.9	53.0	79.4



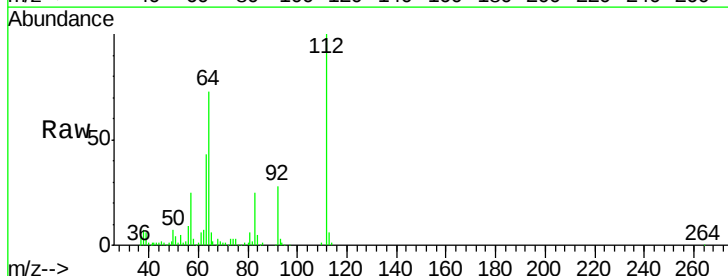
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



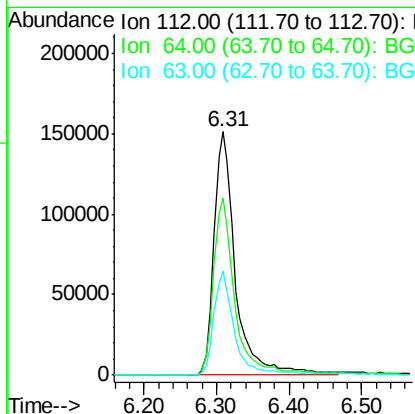
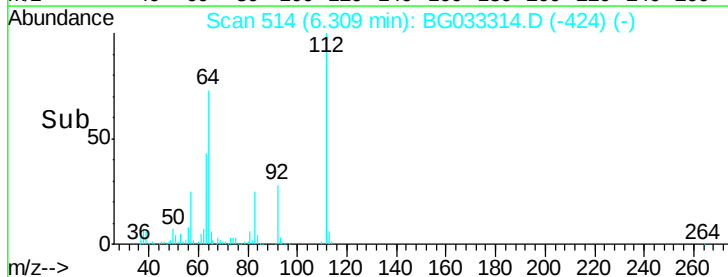
#5

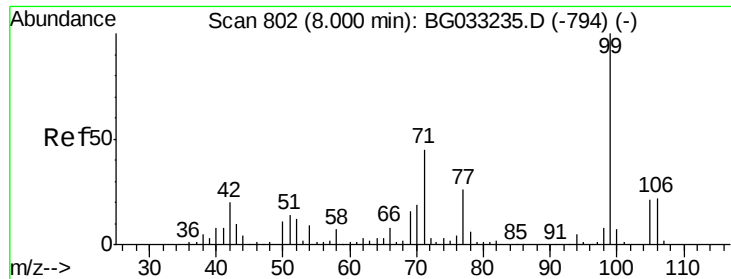
2-Fluorophenol
Concen: 164.894 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033314.D
Acq: 23 Mar 2018 5:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.8	56.3	84.5
63	43.0	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: 133.950 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

Instrument :

BNA_G

ClientSampleId :

SLAB-CONCRETE-A

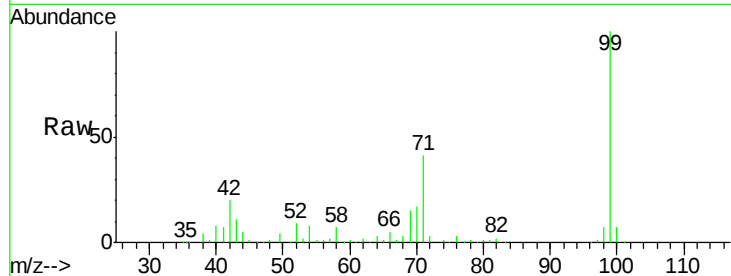
Tot Ion: 99 Resp: 434023

Ion Ratio Lower Upper

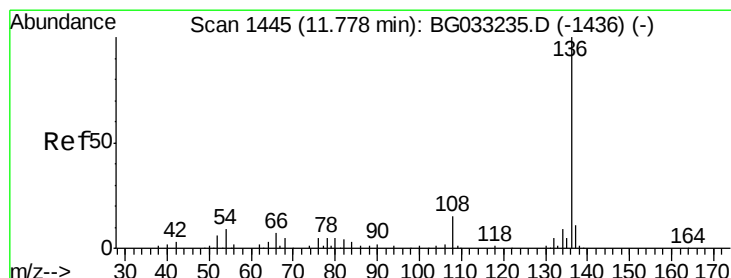
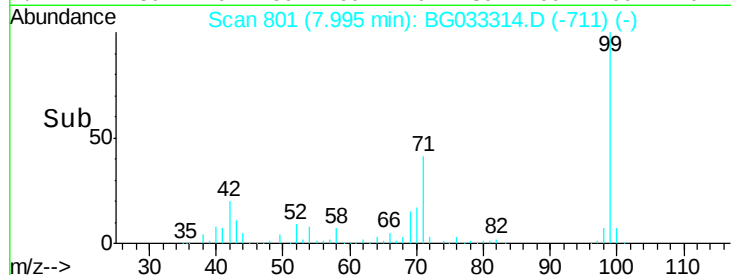
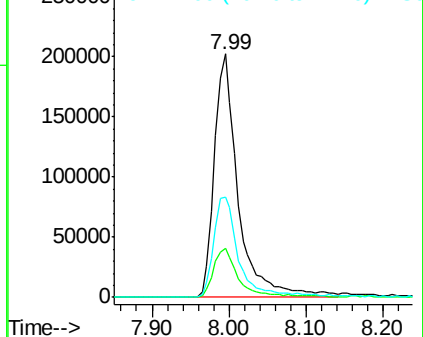
99 100

42 20.4 14.1 21.1

71 41.3 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: 11.77 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

Tgt Ion: 136 Resp: 155089

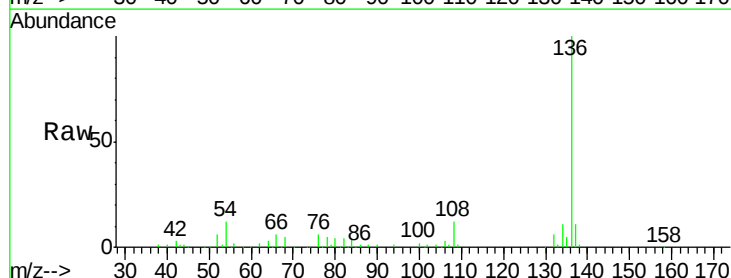
Ion Ratio Lower Upper

136 100

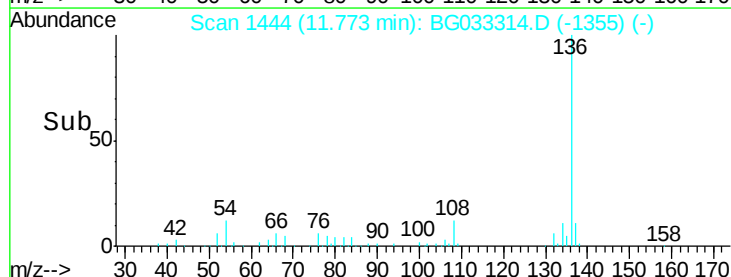
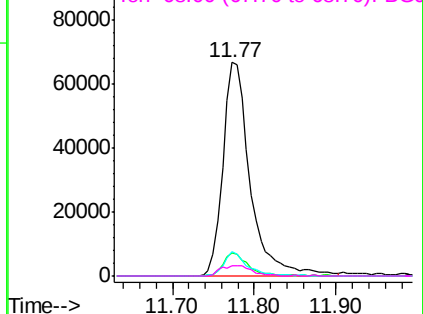
137 10.9 9.2 13.8

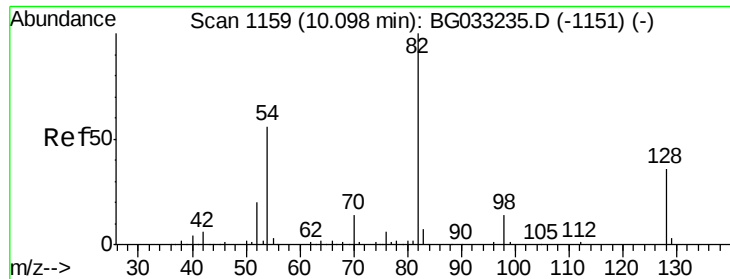
54 11.6 10.3 15.5

68 4.6 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: 99.446 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

Instrument :

BNA_G

ClientSampleId :

SLAB-CONCRETE-A

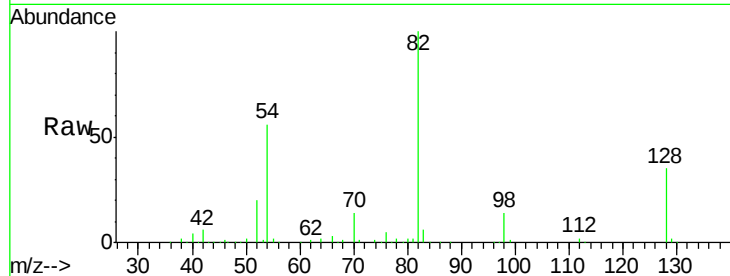
Tot Ion: 82 Resp: 335689

Ion Ratio Lower Upper

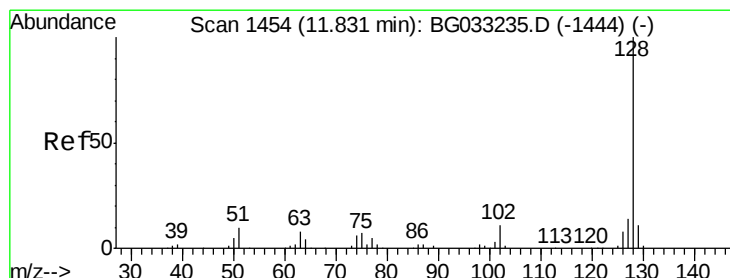
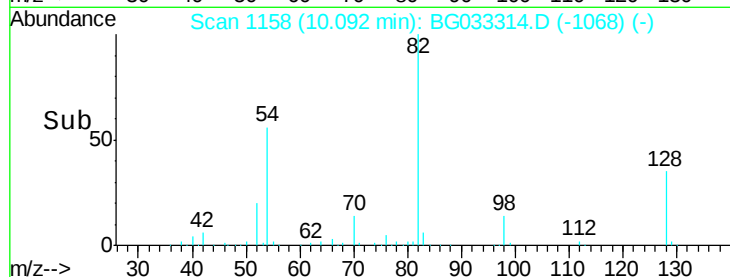
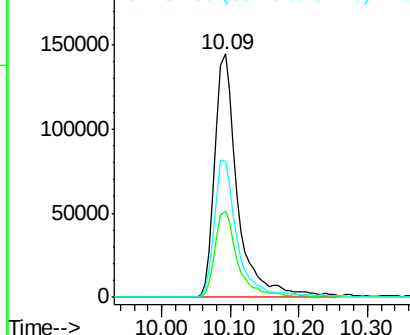
82 100

128 35.5 29.7 44.5

54 55.8 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



#31

Naphthalene

Concen: 5.429 ng

RT: 11.83 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

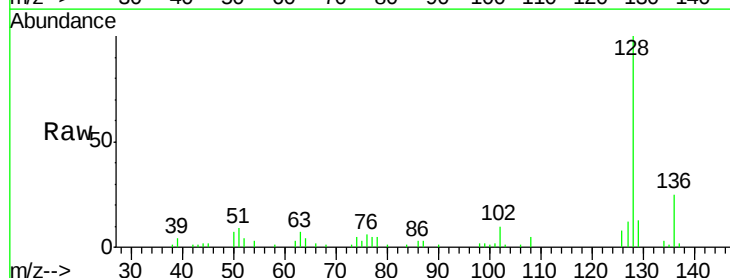
Tgt Ion: 128 Resp: 43629

Ion Ratio Lower Upper

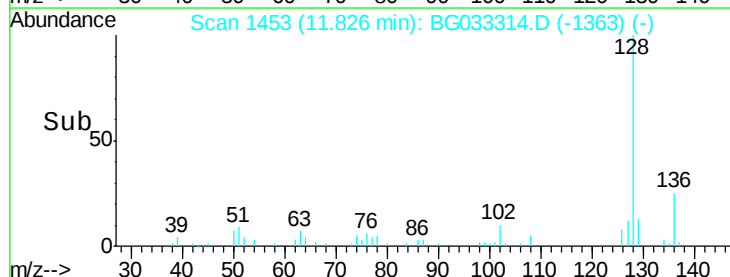
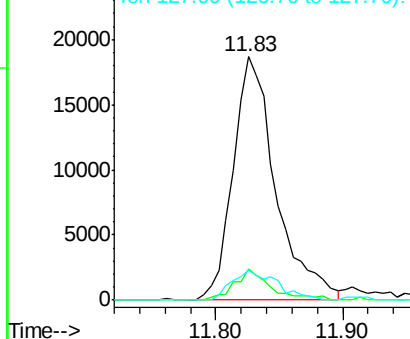
128 100

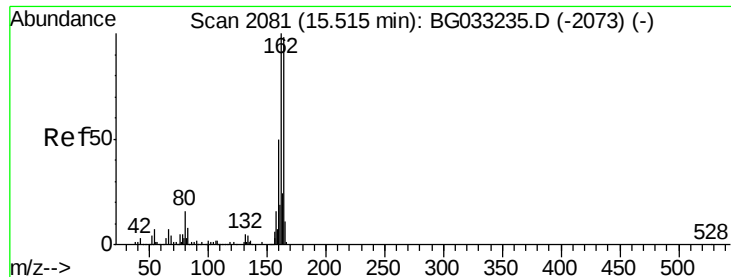
129 12.7 8.6 12.8

127 12.0 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

Instrument :

BNA_G

ClientSampleId :

SLAB-CONCRETE-A

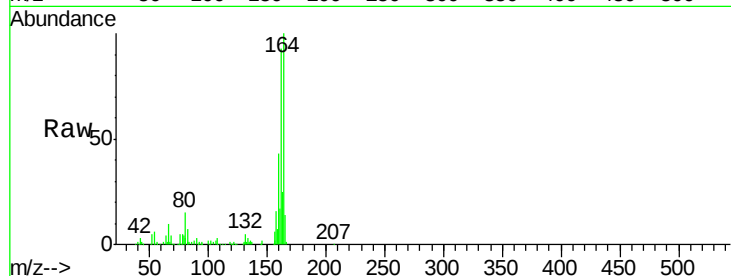
Tot Ion:164 Resp: 124619

Ion Ratio Lower Upper

164 100

162 93.4 78.8 118.2

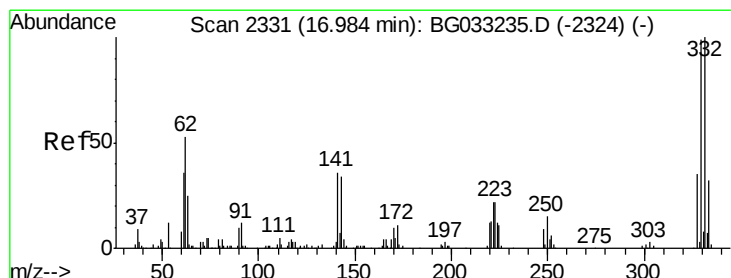
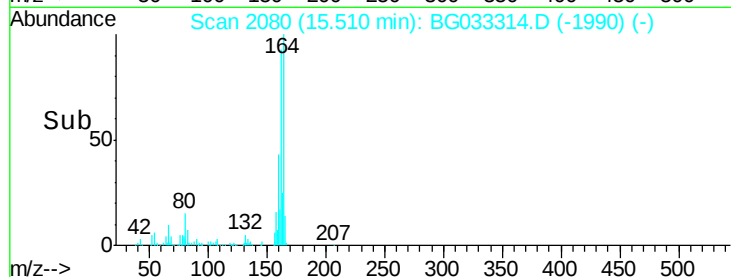
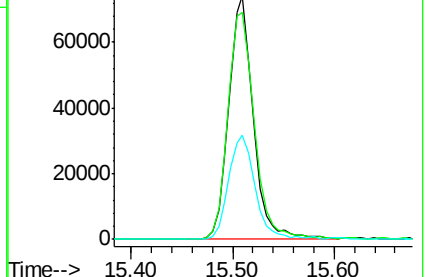
160 43.0 35.4 53.0



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: 129.190 ng

RT: 16.98 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

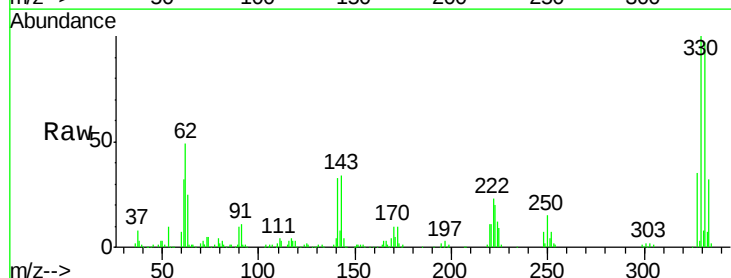
Tgt Ion:330 Resp: 240787

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

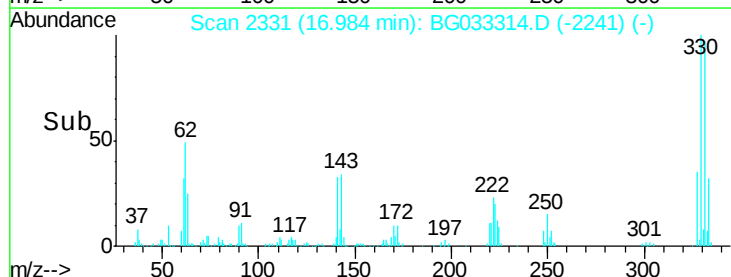
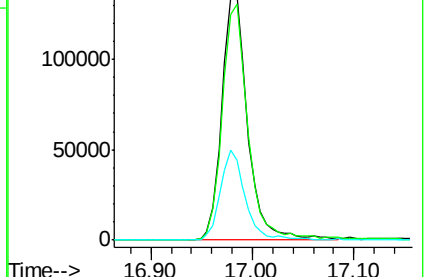
141 35.4 25.2 37.8

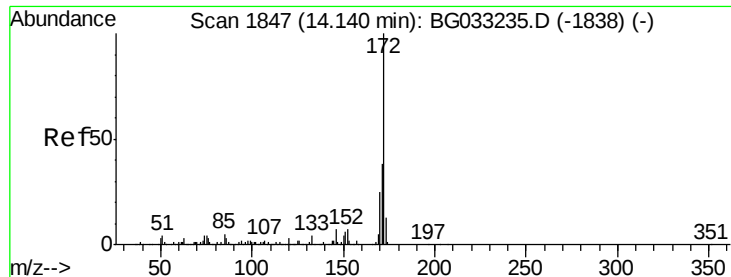


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

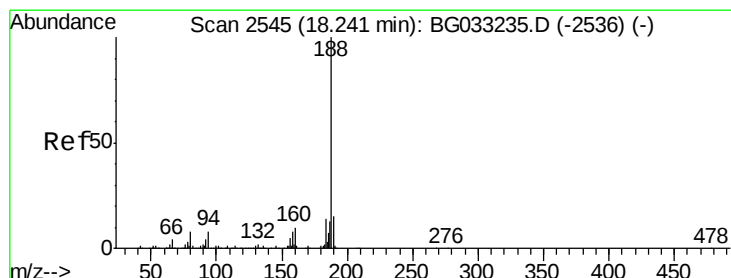
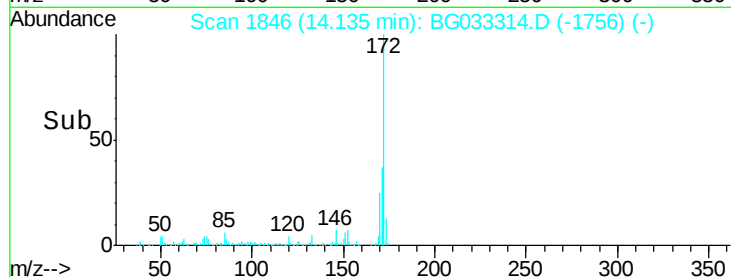
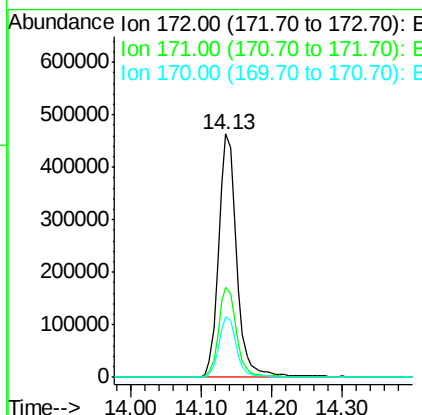
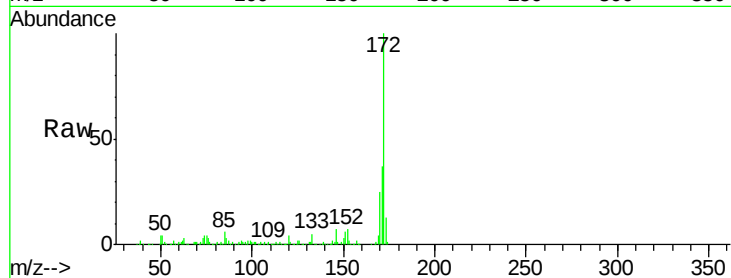




#44
2-Fluorobiphenyl
Concen: 95.724 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG033314.D
Acq: 23 Mar 2018 5:06

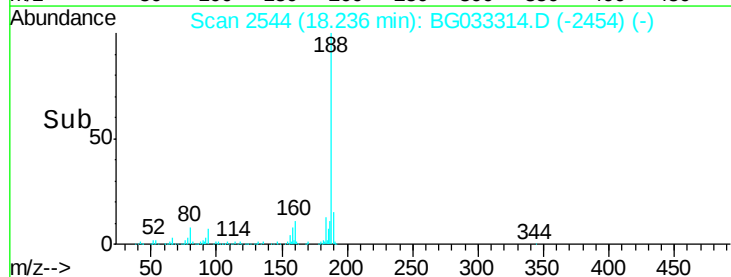
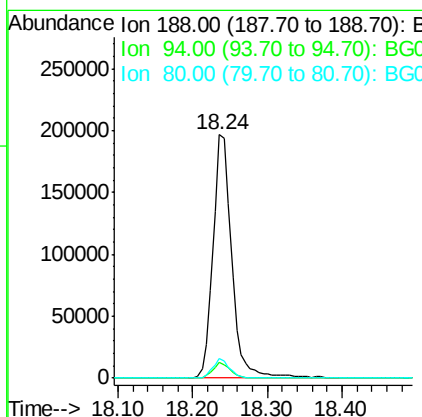
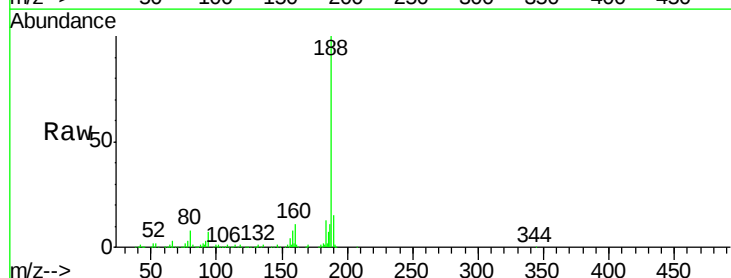
Instrument :
BNA_G
ClientSampleId :
SLAB-CONCRETE-A

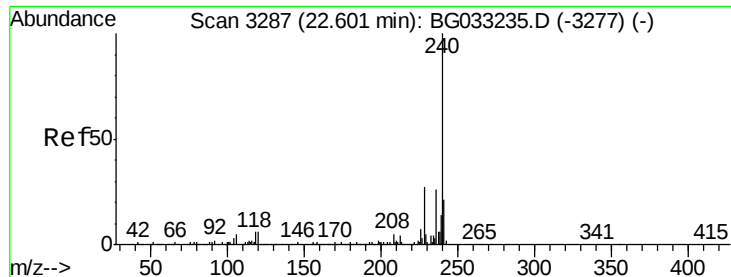
Tot Ion:172 Resp: 826322
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 24.8 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BG033314.D
Acq: 23 Mar 2018 5:06

Tgt Ion:188 Resp: 342203
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.9 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.59 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

Instrument :

BNA_G

ClientSampleId :

SLAB-CONCRETE-A

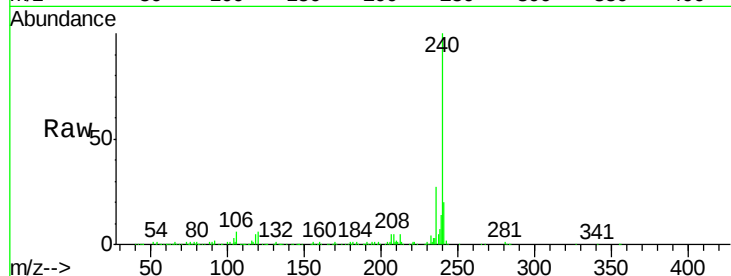
Tot Ion:240 Resp: 330346

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

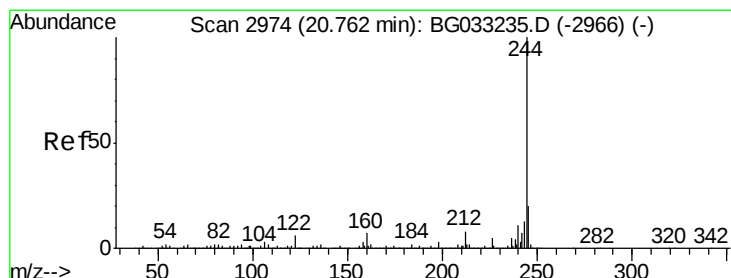
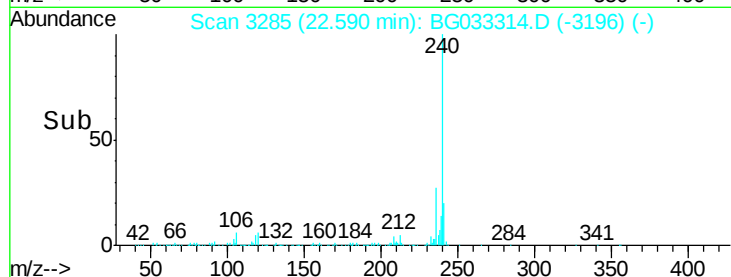
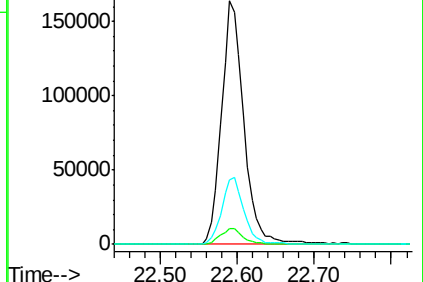
236 26.7 20.9 31.3



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: 104.167 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

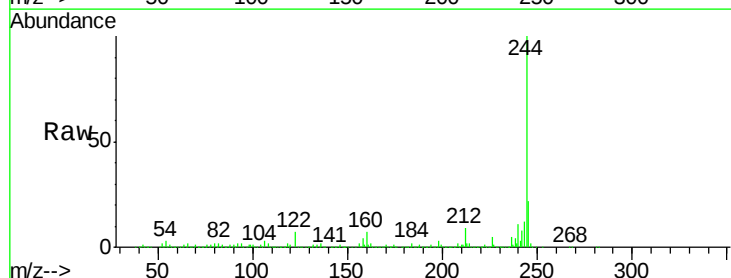
Tgt Ion:244 Resp: 1609046

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

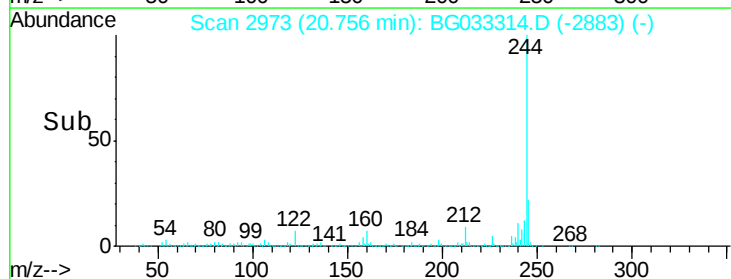
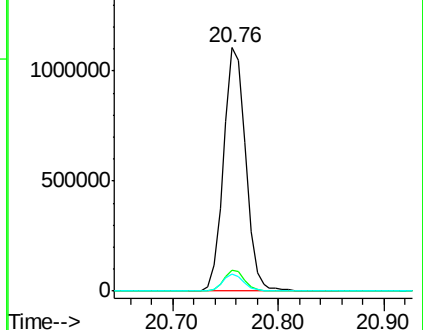
122 7.2 7.0 10.4

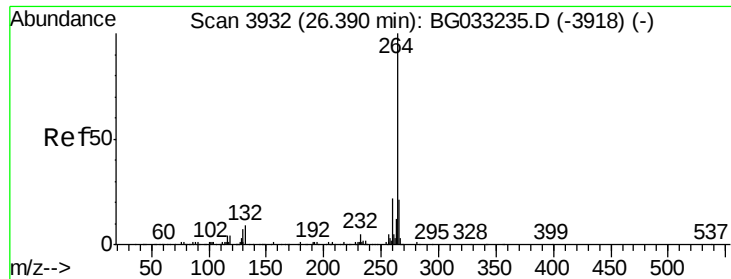


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.39 min Scan# 3931
Delta R.T. -0.00 min
Lab File: BG033314.D
Acq: 23 Mar 2018 5:06

Instrument :
BNA_G
ClientSampleId :
SLAB-CONCRETE-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.1	17.7	26.5

