

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035196.D
 Acq On : 16 Jun 2018 7:19
 Operator : SJ/JU
 Sample : J3490-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-BASE

Quant Time: Jun 18 01:54:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

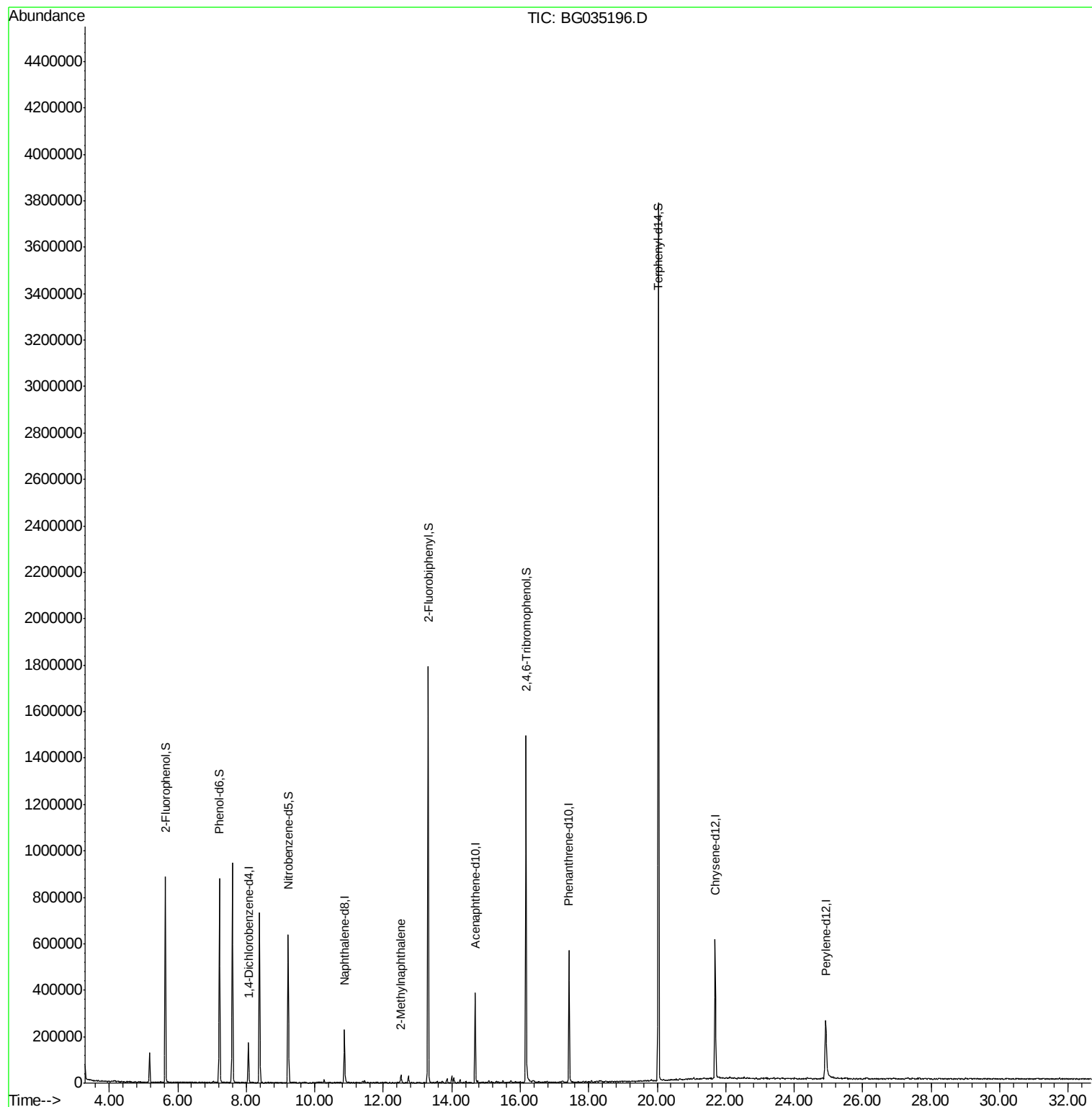
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	48887	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	184954	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	129854	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	367900	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	403393	20.00	ng	-0.02
86) Perylene-d12	24.92	264	337342	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	384784	132.83	ng	0.00
7) Phenol-d6	7.22	99	525885	123.00	ng	0.00
23) Nitrobenzene-d5	9.22	82	420437	108.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	280918	168.99	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	955790	95.69	ng	-0.02
78) Terphenyl-d14	20.04	244	1813004	94.14	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	12.51	142	16937	2.325	ng	Qvalue 96

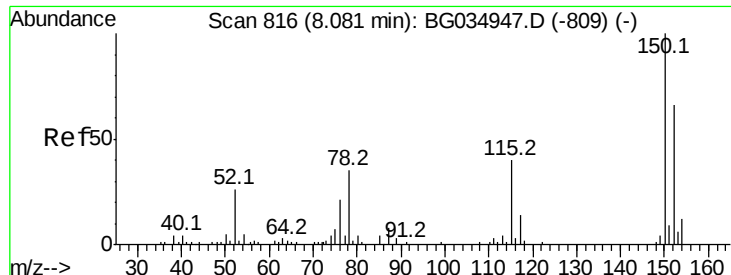
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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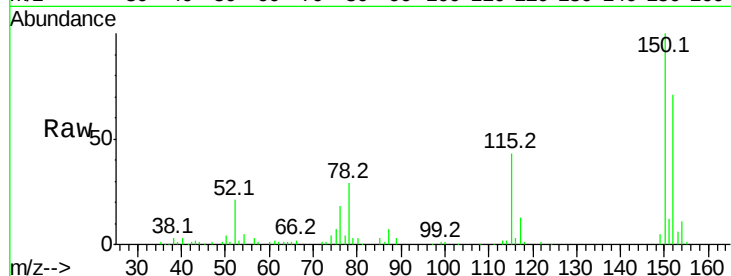


#1

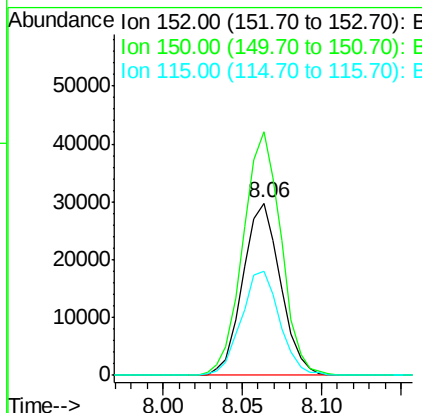
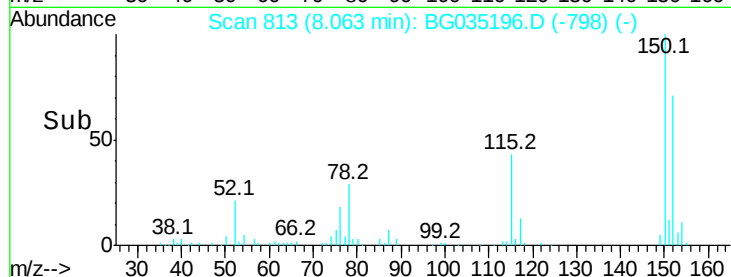
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035196.D
Acq: 16 Jun 2018 7:19

Instrument :
BNA_G
ClientSampleId :
CONCRETE-BASE

Tot Ion:152 Resp: 48887
Ion Ratio Lower Upper
152 100
150 141.2 126.6 189.8
115 60.5 53.0 79.4



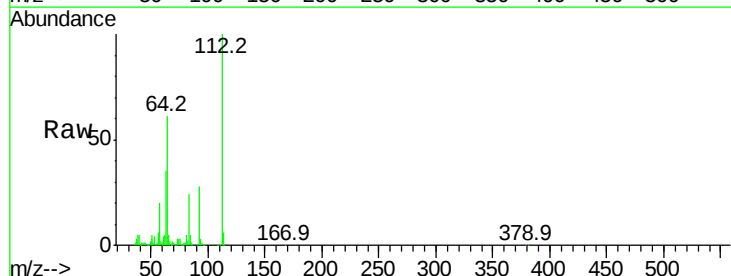
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



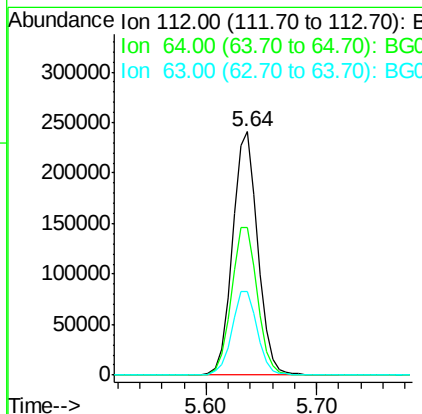
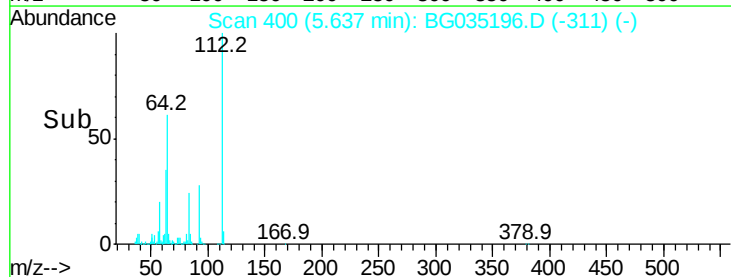
#5

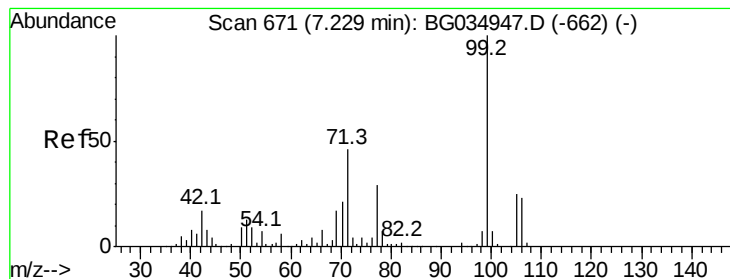
2-Fluorophenol
Concen: 132.830 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035196.D
Acq: 16 Jun 2018 7:19

Tgt Ion:112 Resp: 384784
Ion Ratio Lower Upper
112 100
64 60.7 56.3 84.5
63 34.6 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: 122.999 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035196.D

Acq: 16 Jun 2018 7:19

Instrument :

BNA_G

ClientSampleId :

CONCRETE-BASE

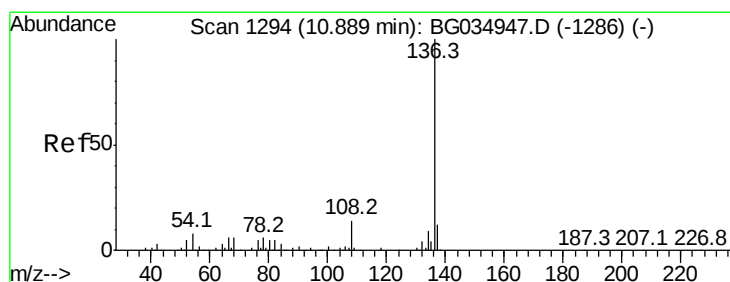
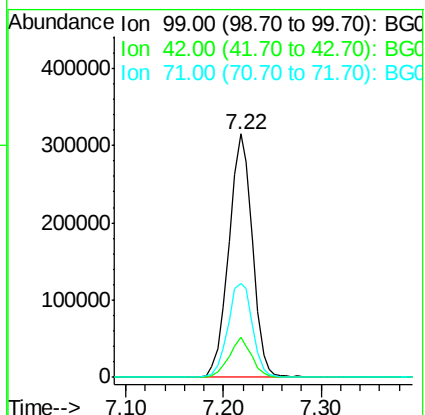
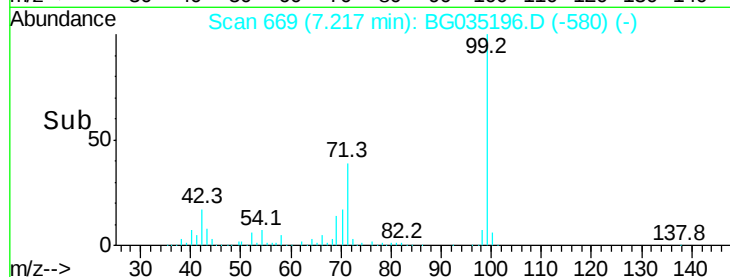
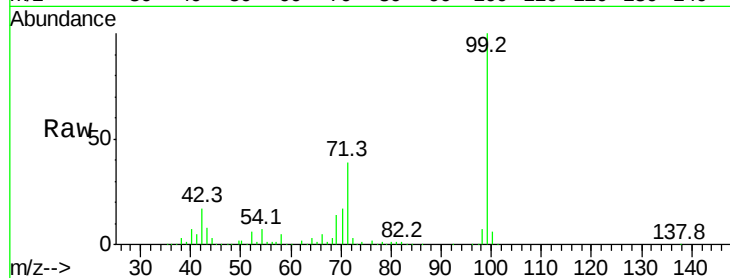
Tot Ion: 99 Resp: 525885

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

71 38.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035196.D

Acq: 16 Jun 2018 7:19

Tgt Ion: 136 Resp: 184954

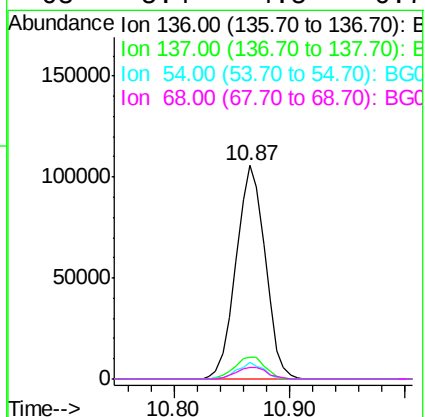
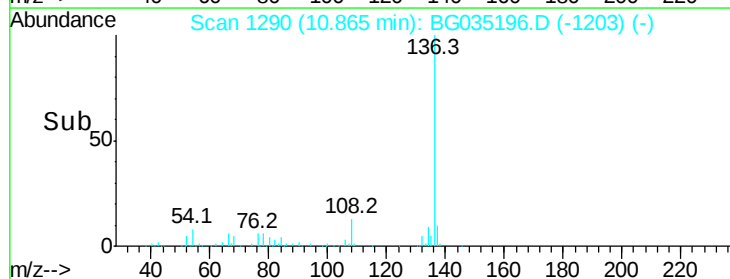
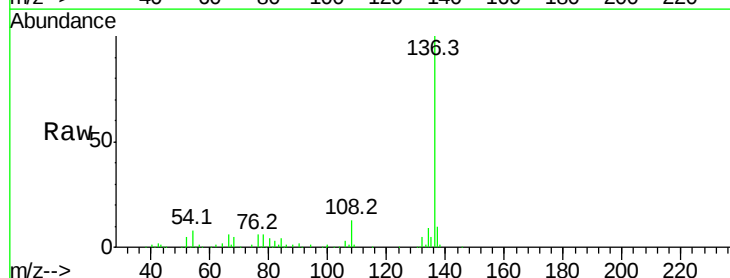
Ion Ratio Lower Upper

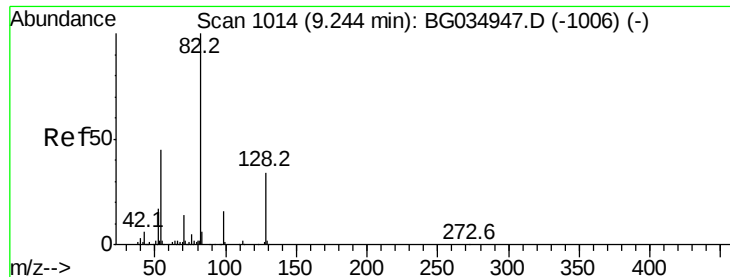
136 100

137 10.2 9.2 13.8

54 7.5 10.3 15.5#

68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 108.055 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035196.D

Acq: 16 Jun 2018 7:19

Instrument :

BNA_G

ClientSampleId :

CONCRETE-BASE

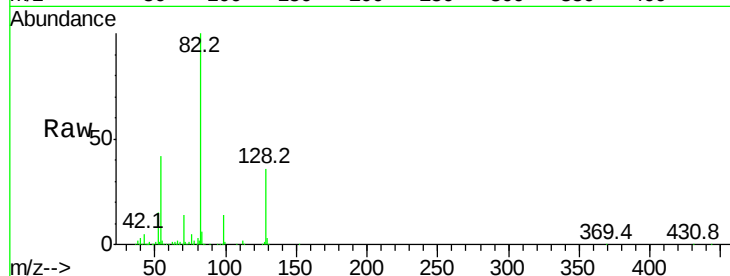
Tot Ion: 82 Resp: 420437

Ion Ratio Lower Upper

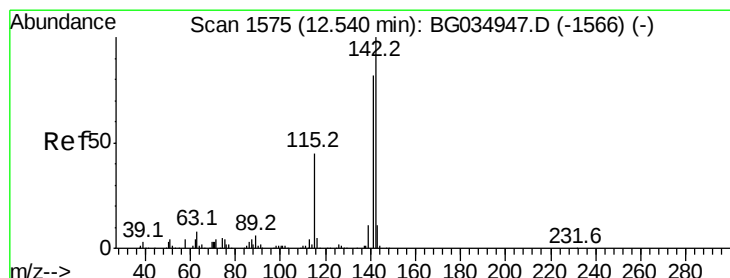
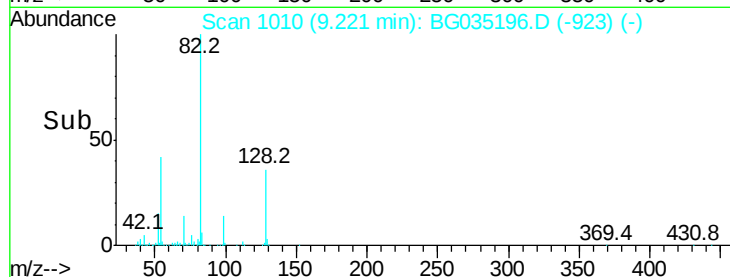
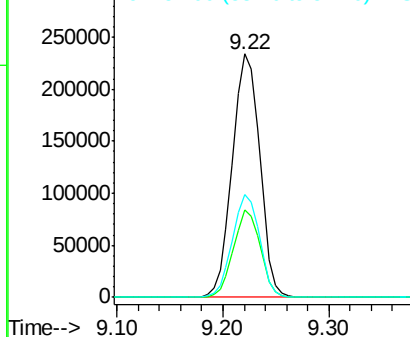
82 100

128 36.0 29.7 44.5

54 42.1 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



#37

2-Methylnaphthalene

Concen: 2.325 ng

RT: 12.51 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BG035196.D

Acq: 16 Jun 2018 7:19

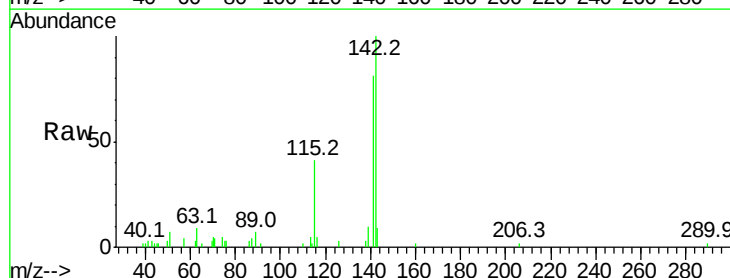
Tgt Ion: 142 Resp: 16937

Ion Ratio Lower Upper

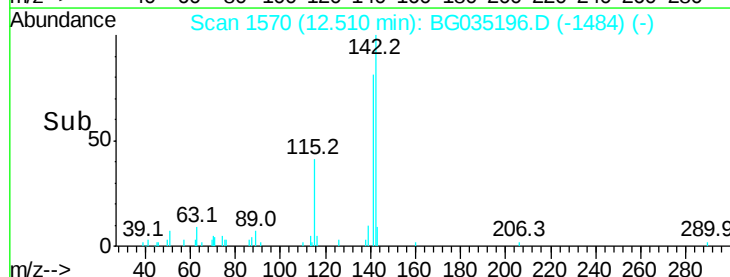
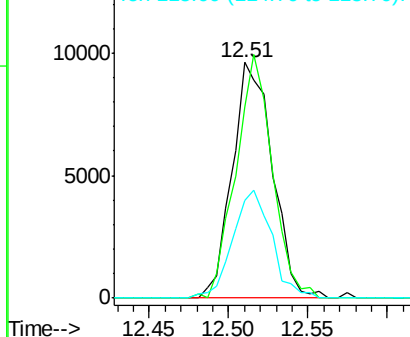
142 100

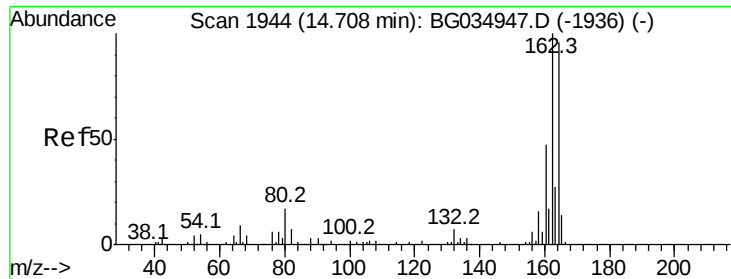
141 81.0 67.1 100.7

115 41.4 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): BGC
Ion 141.00 (140.70 to 141.70): BGC
Ion 115.00 (114.70 to 115.70): BGC

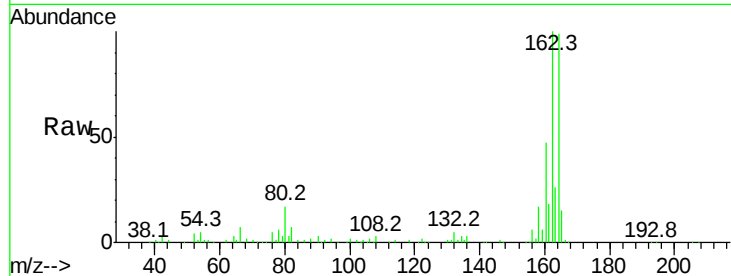




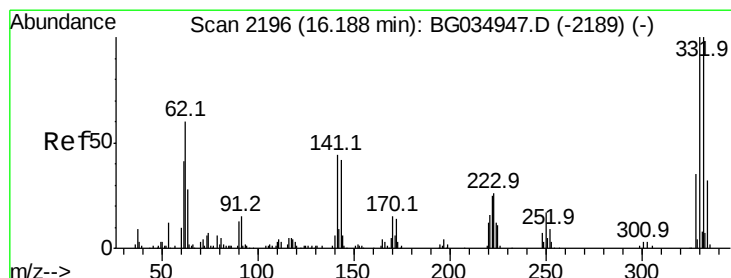
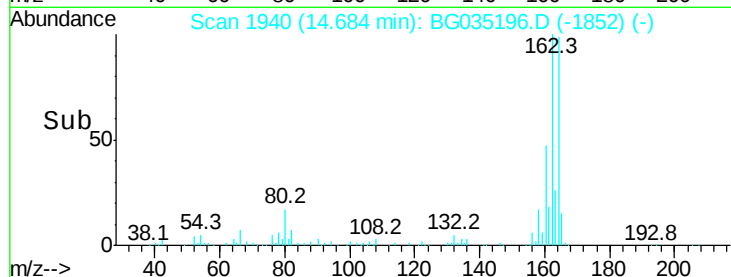
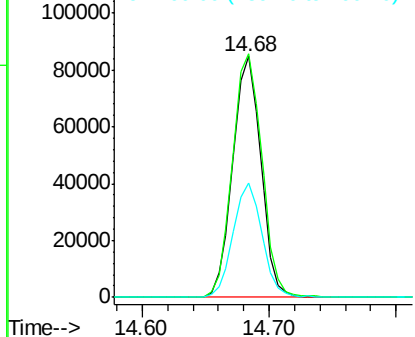
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035196.D
 Acq: 16 Jun 2018 7:19

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-BASE

Tot Ion:164 Resp: 129854
 Ion Ratio Lower Upper
 164 100
 162 101.0 78.8 118.2
 160 47.6 35.4 53.0

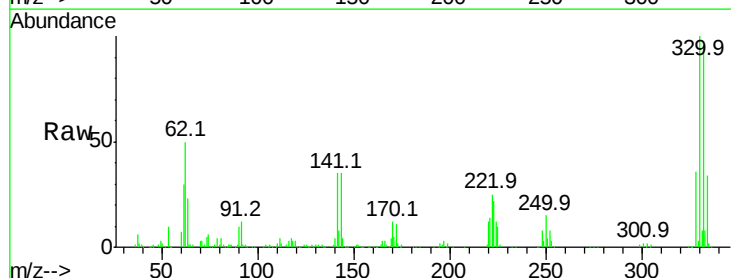


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

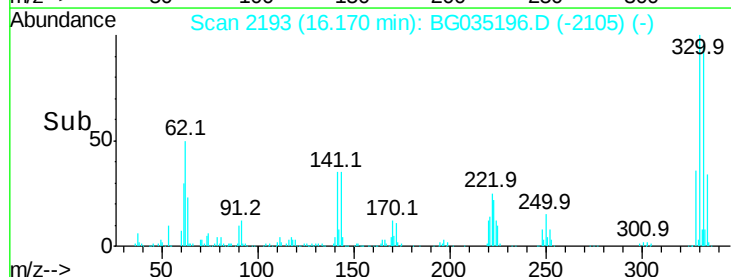
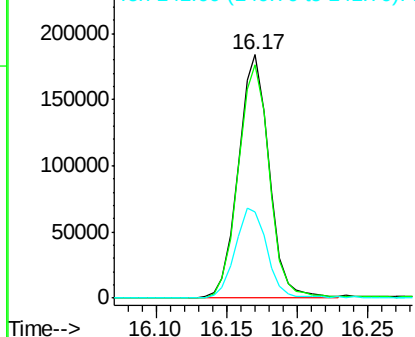


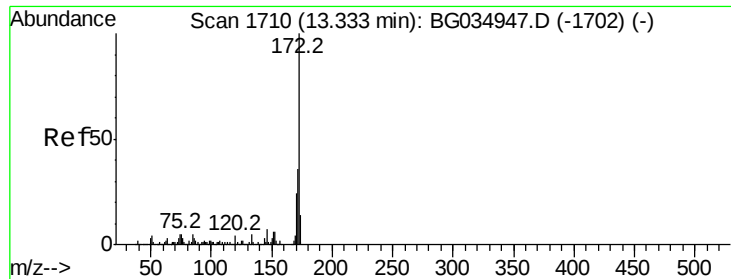
#41
 2,4,6-Tribromophenol
 Concen: 168.994 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035196.D
 Acq: 16 Jun 2018 7:19

Tgt Ion:330 Resp: 280918
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 37.9 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

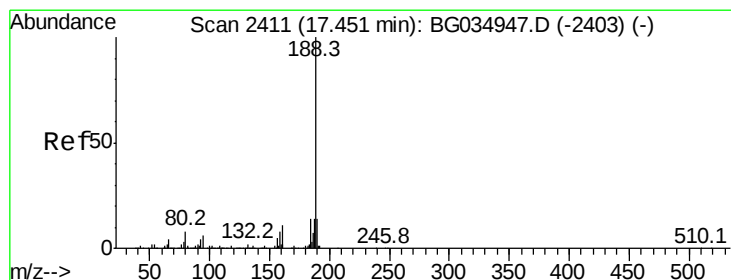
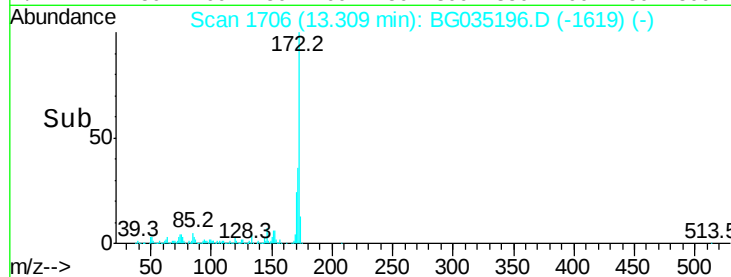
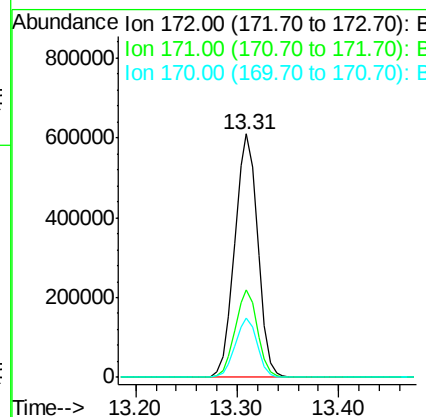
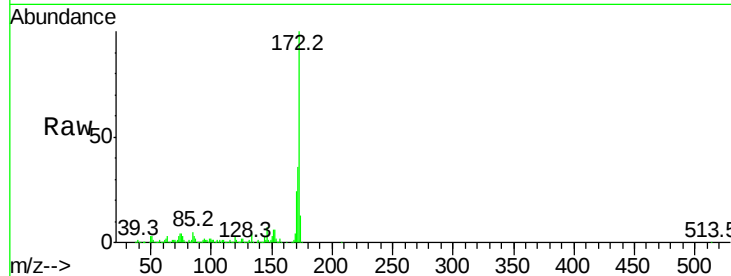




#44
2-Fluorobiphenyl
Concen: 95.686 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035196.D
Acq: 16 Jun 2018 7:19

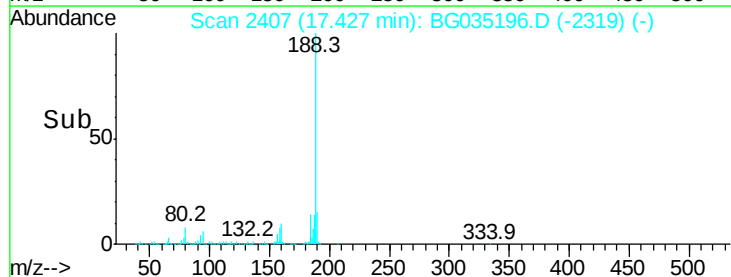
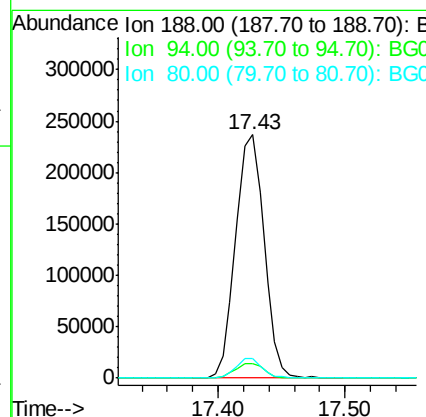
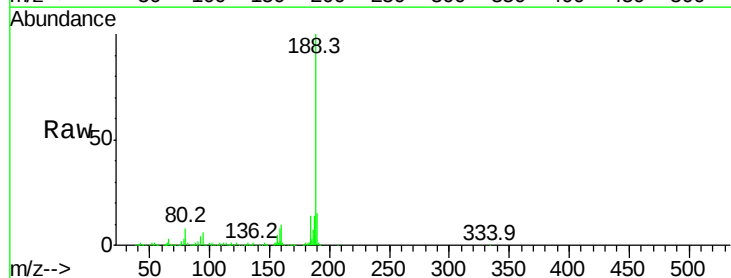
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BASE

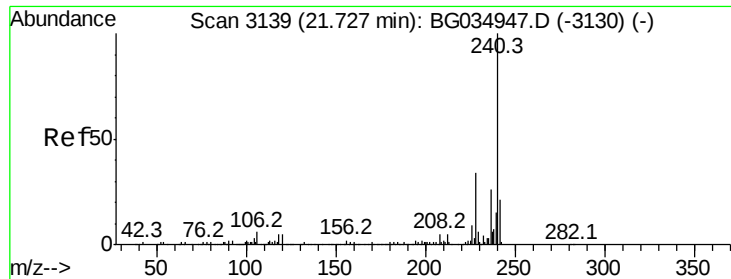
Tot Ion:172 Resp: 955790
Ion Ratio Lower Upper
172 100
171 35.8 30.0 45.0
170 24.1 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035196.D
Acq: 16 Jun 2018 7:19

Tgt Ion:188 Resp: 367900
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 8.1 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035196.D

Acq: 16 Jun 2018 7:19

Instrument :

BNA_G

ClientSampleId :

CONCRETE-BASE

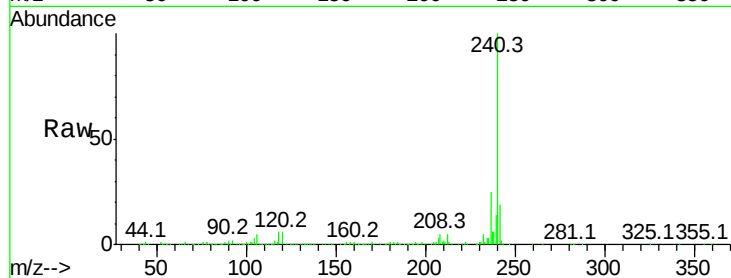
Tot Ion:240 Resp: 403393

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

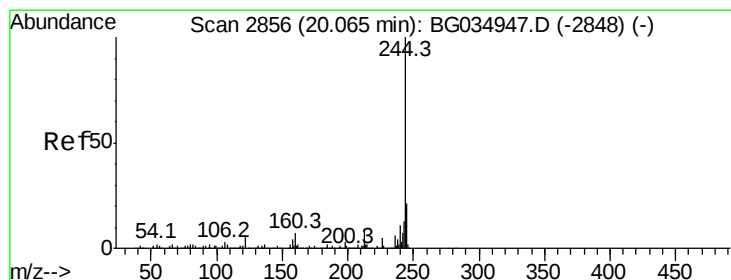
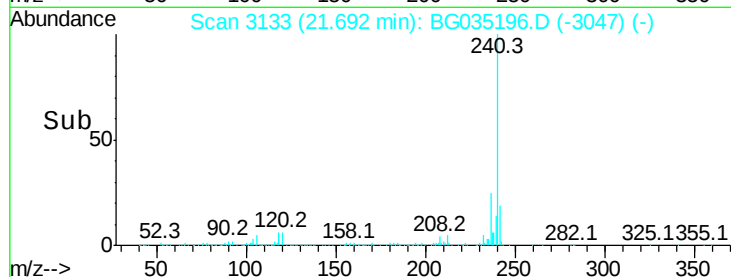
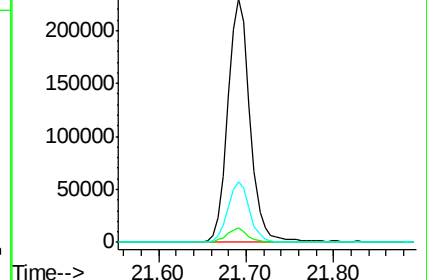
236 25.0 20.9 31.3



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: 94.143 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035196.D

Acq: 16 Jun 2018 7:19

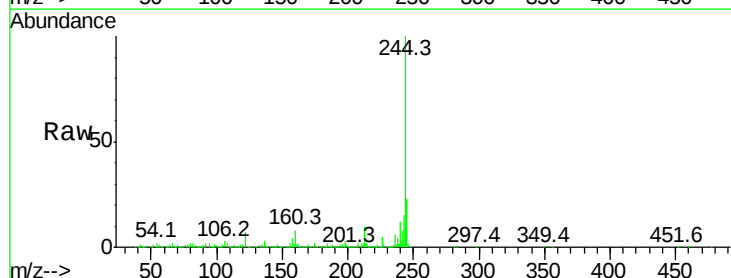
Tgt Ion:244 Resp: 1813004

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

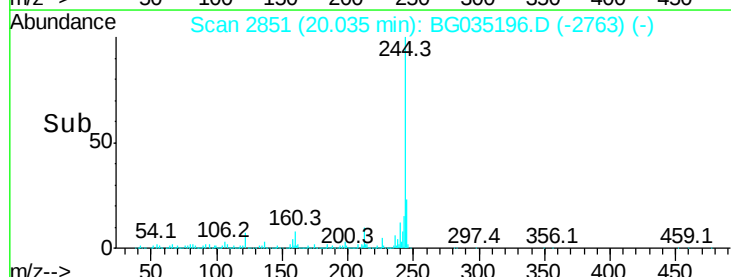
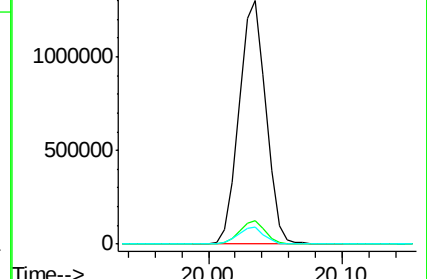
122 6.7 7.0 10.4#

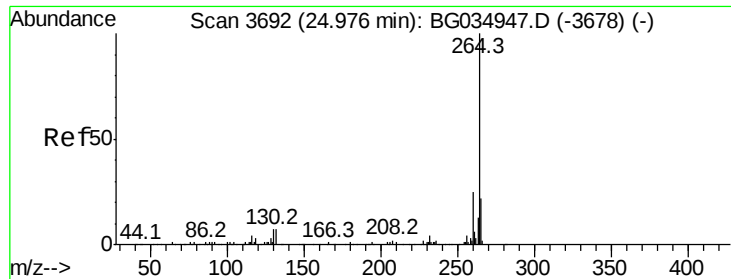


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3683
Delta R.T. -0.03 min
Lab File: BG035196.D
Acq: 16 Jun 2018 7:19

Instrument :
BNA_G
ClientSampleId :
CONCRETE-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.9	17.7	26.5

