

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031438.D
 Acq On : 9 Dec 2017 3:29
 Operator : SJ/JU
 Sample : I6680-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-120617-C

Quant Time: Dec 09 05:50:22 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

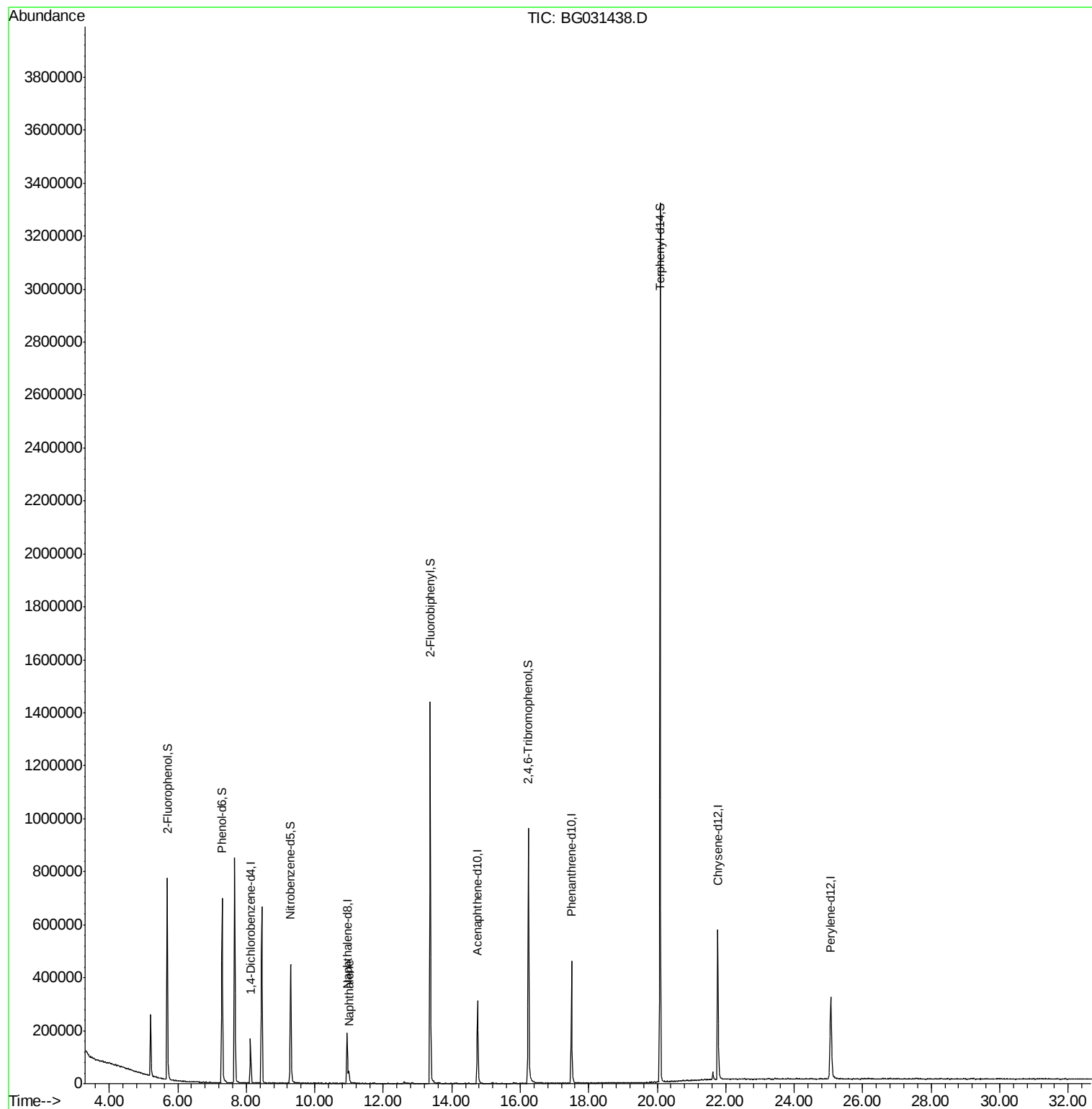
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	49850	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	207021	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	128470	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	342849	20.00	ng	0.00
75) Chrysene-d12	21.77	240	414016	20.00	ng	0.00
86) Perylene-d12	25.07	264	384815	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	362929	124.84	ng	0.00
7) Phenol-d6	7.29	99	439152	112.13	ng	0.00
23) Nitrobenzene-d5	9.29	82	320551	91.75	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	205851	99.05	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	850664	95.14	ng	0.00
78) Terphenyl-d14	20.08	244	1677700	89.48	ng	0.00
Target Compounds						
31) Naphthalene	11.00	128	37106	3.646	ng	Qvalue 96

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

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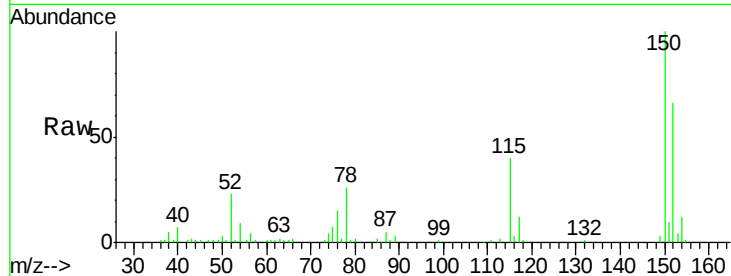


#1

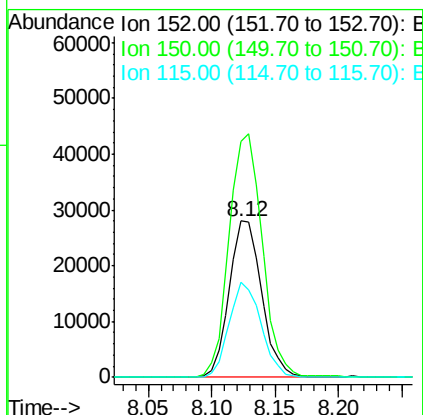
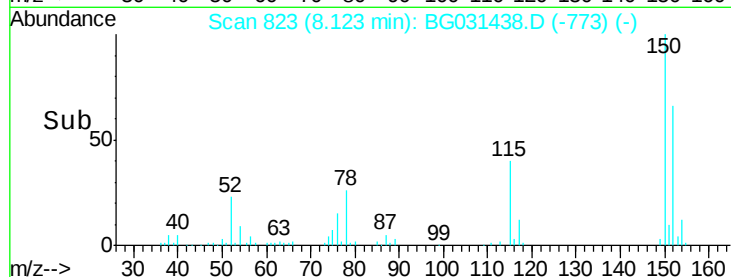
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG031438.D
 Acq: 9 Dec 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-120617-C

Tgt Ion:152 Resp: 49850
 Ion Ratio Lower Upper
 152 100
 150 150.8 126.6 189.8
 115 60.6 53.0 79.4



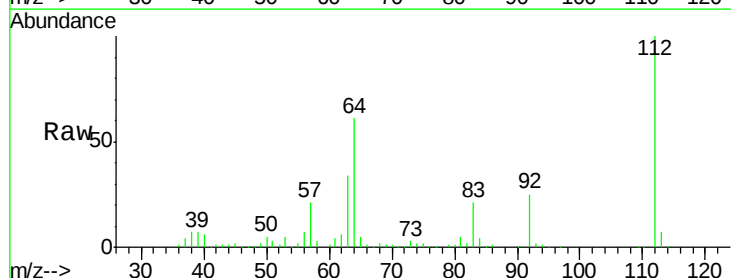
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



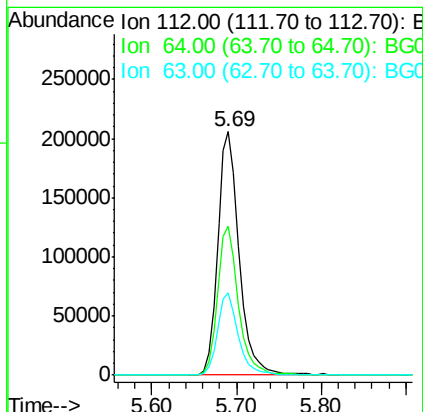
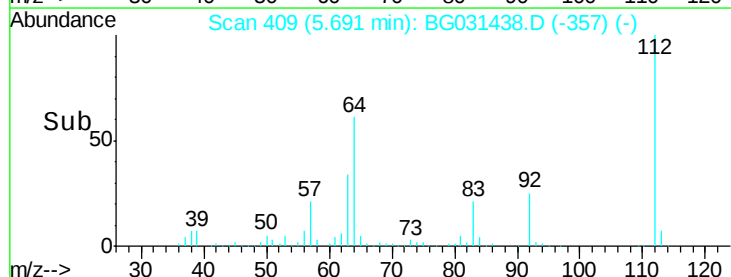
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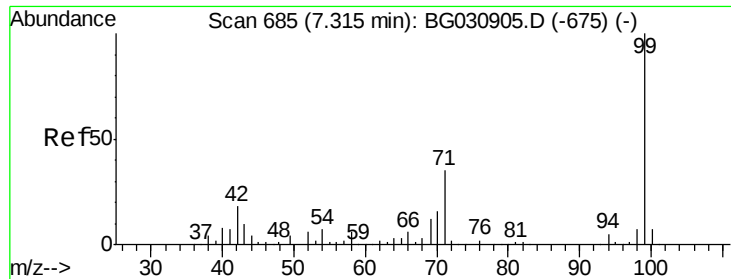
2-Fluorophenol
 Concen: 124.842 ng
 RT: 5.69 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: BG031438.D
 Acq: 9 Dec 2017 3:29

Tgt Ion:112 Resp: 362929
 Ion Ratio Lower Upper
 112 100
 64 60.9 56.3 84.5
 63 33.9 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: 112.128 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031438.D

Acq: 9 Dec 2017 3:29

Instrument :

BNA_G

ClientSampleId :

CL-01-120617-C

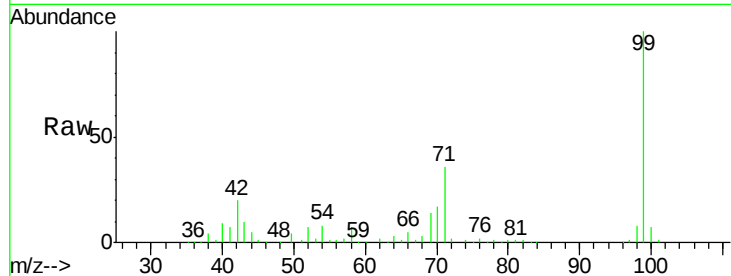
Tgt Ion: 99 Resp: 439152

Ion Ratio Lower Upper

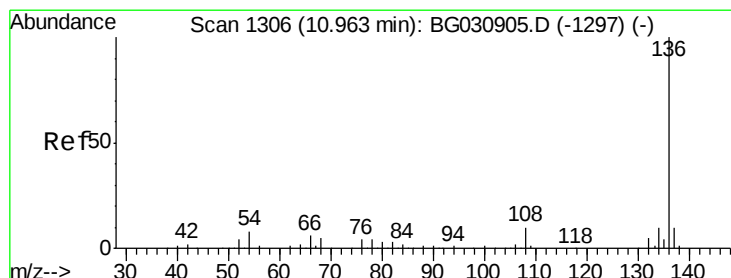
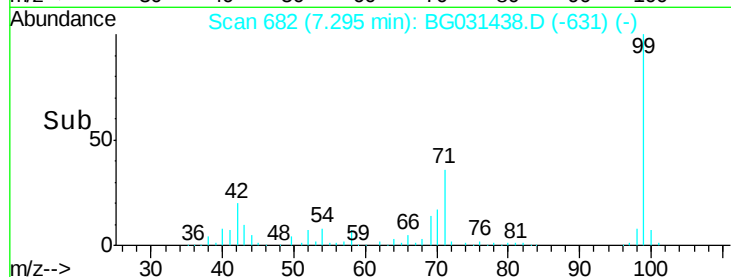
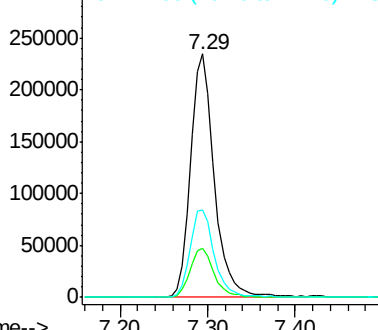
99 100

42 20.0 14.1 21.1

71 35.9 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: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031438.D

Acq: 9 Dec 2017 3:29

Tgt Ion: 136 Resp: 207021

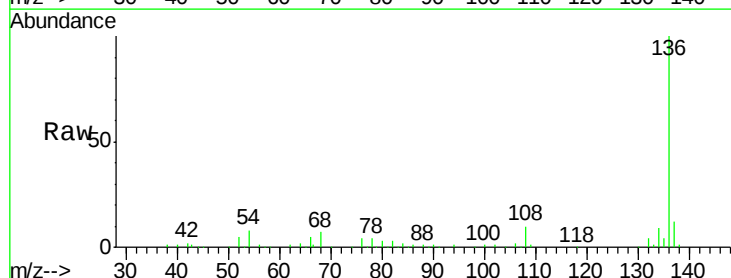
Ion Ratio Lower Upper

136 100

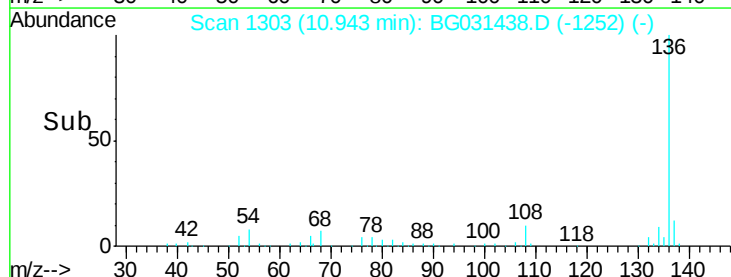
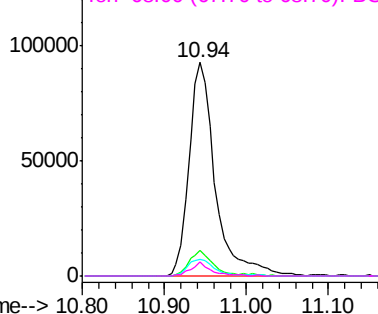
137 11.9 9.2 13.8

54 7.7 10.3 15.5#

68 6.8 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

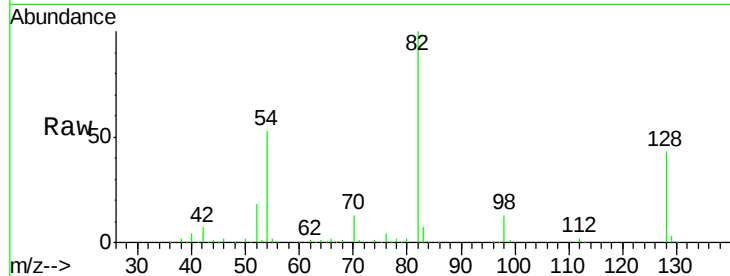




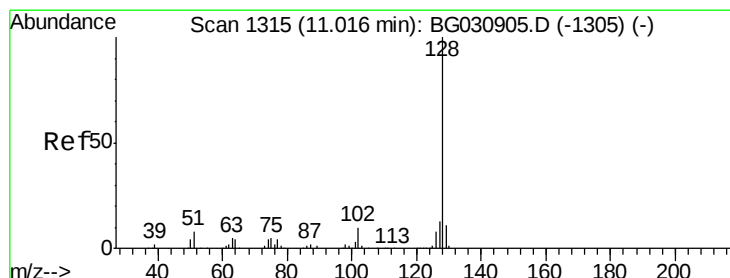
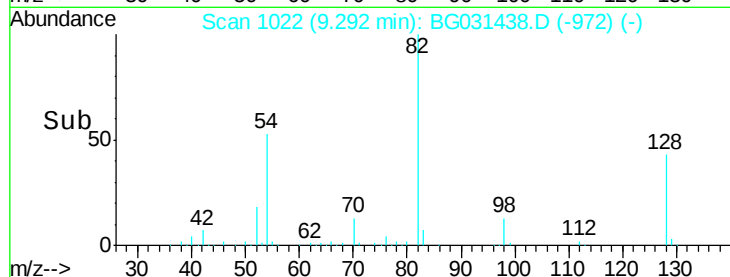
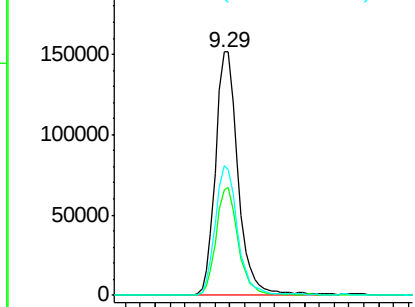
#23
 Nitrobenzene-d5
 Concen: 91.752 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG031438.D
 Acq: 9 Dec 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-120617-C

Tgt Ion: 82 Resp: 320551
 Ion Ratio Lower Upper
 82 100
 128 43.2 29.7 44.5
 54 53.1 43.1 64.7

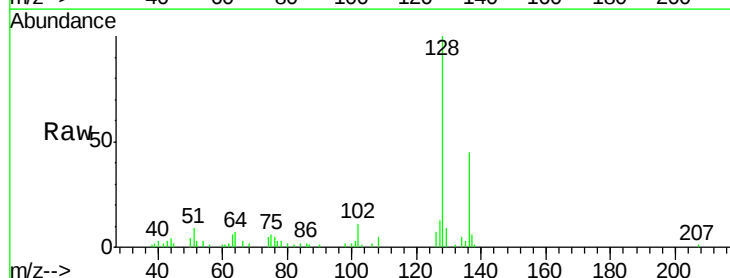


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

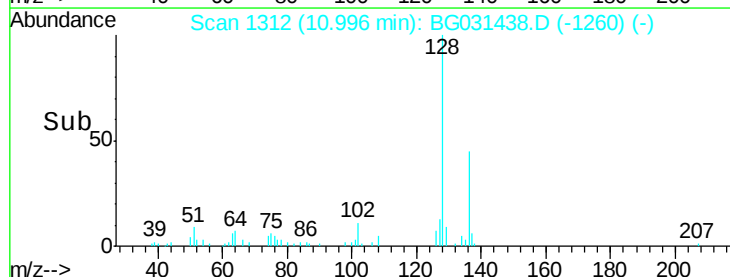
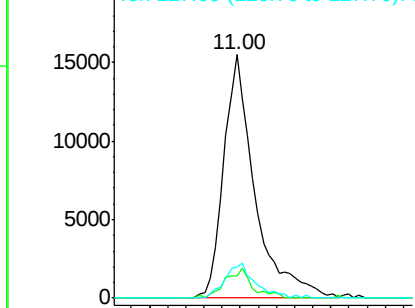


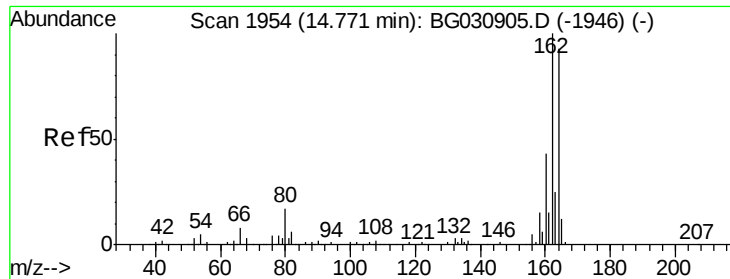
#31
 Naphthalene
 Concen: 3.646 ng
 RT: 11.00 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BG031438.D
 Acq: 9 Dec 2017 3:29

Tgt Ion: 128 Resp: 37106
 Ion Ratio Lower Upper
 128 100
 129 9.3 8.6 12.8
 127 12.7 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

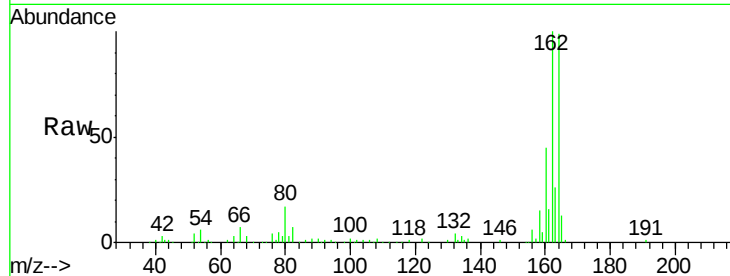




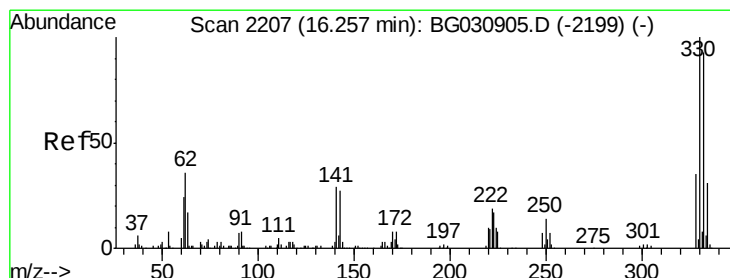
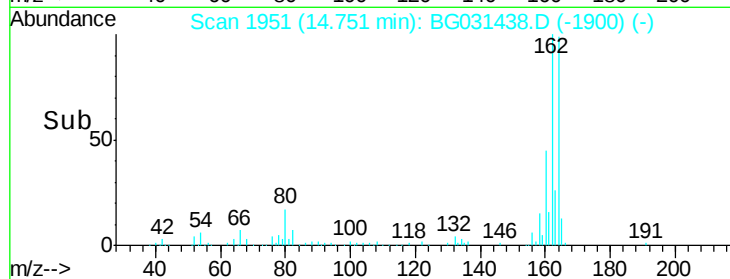
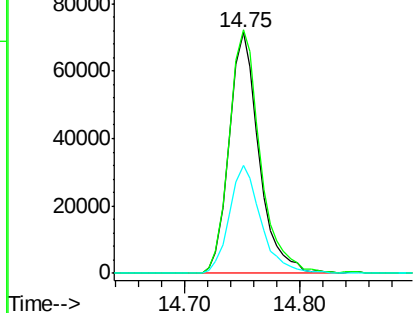
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG031438.D
 Acq: 9 Dec 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-120617-C

Tgt Ion:164 Resp: 128470
 Ion Ratio Lower Upper
 164 100
 162 101.1 78.8 118.2
 160 45.0 35.4 53.0

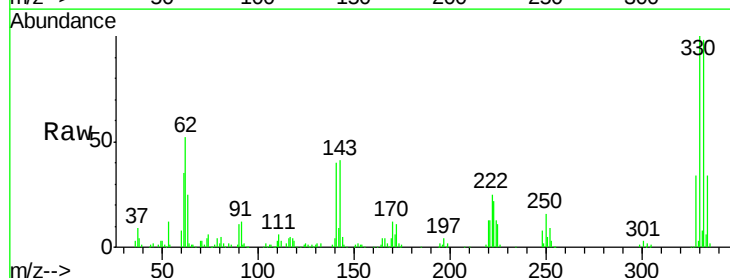


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

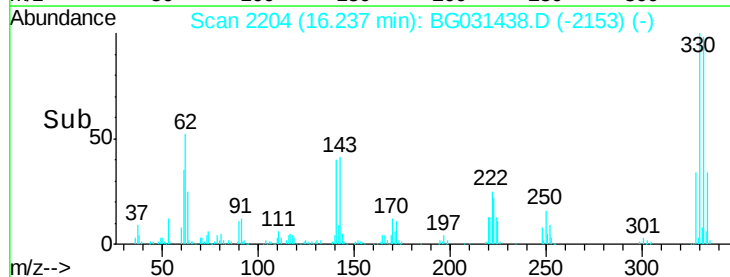
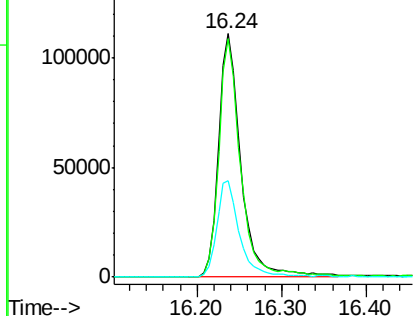


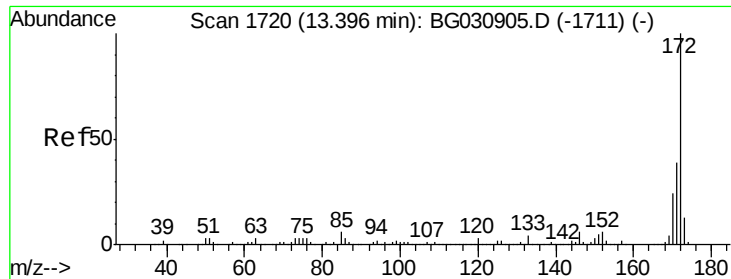
#41
 2,4,6-Tribromophenol
 Concen: 99.051 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031438.D
 Acq: 9 Dec 2017 3:29

Tgt Ion:330 Resp: 205851
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 40.7 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

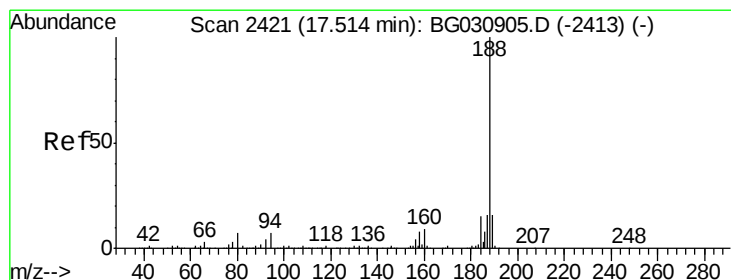
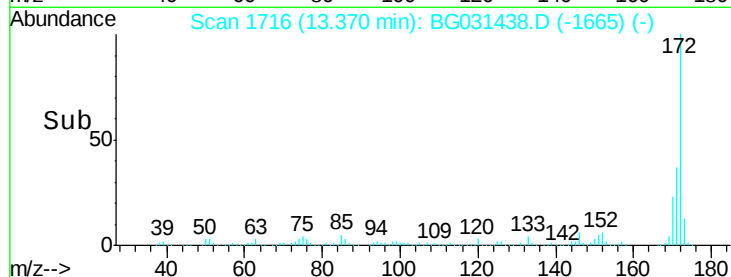
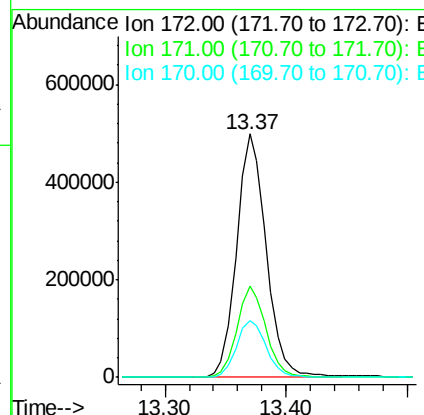
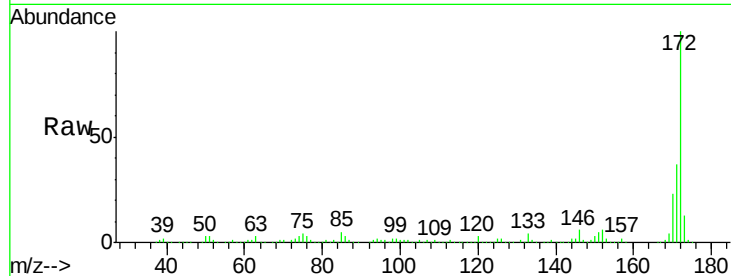




#44
 2-Fluorobiphenyl
 Concen: 95.144 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031438.D
 Acq: 9 Dec 2017 3:29

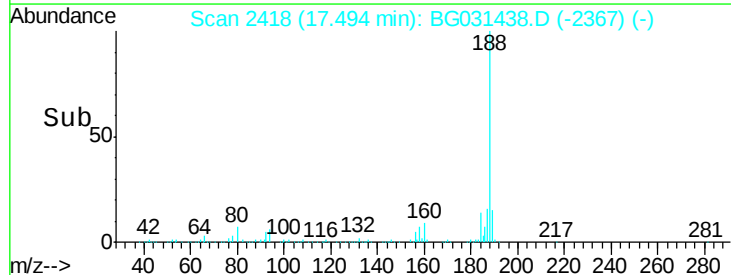
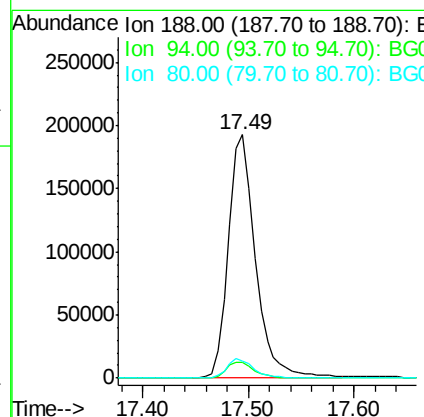
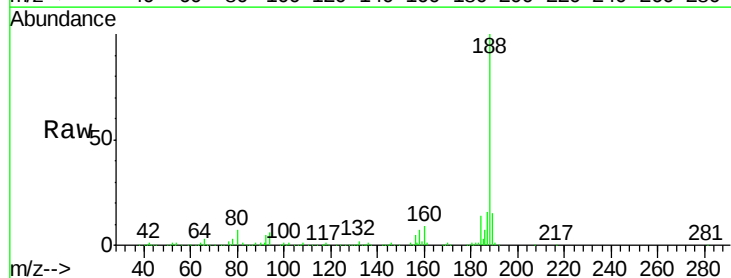
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-120617-C

Tgt Ion:172 Resp: 850664
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 23.4 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BG031438.D
 Acq: 9 Dec 2017 3:29

Tgt Ion:188 Resp: 342849
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.9 10.3#
 80 7.0 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031438.D

Acq: 9 Dec 2017 3:29

Instrument :

BNA_G

ClientSampleId :

CL-01-120617-C

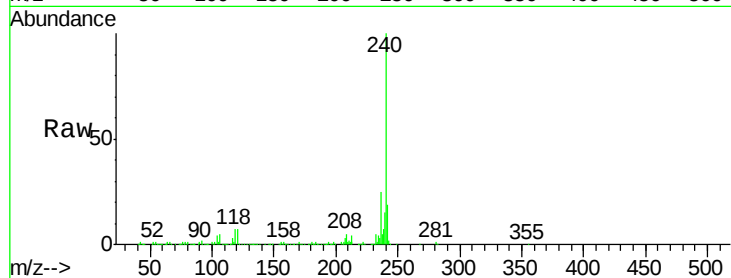
Tgt Ion:240 Resp: 414016

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

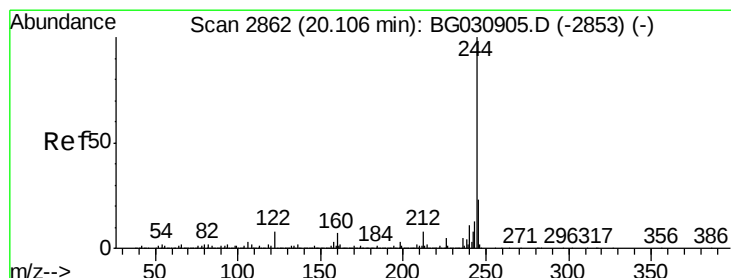
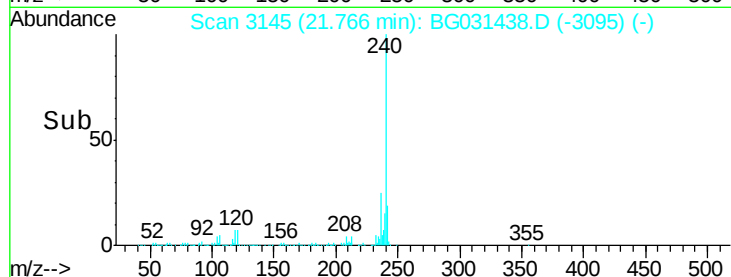
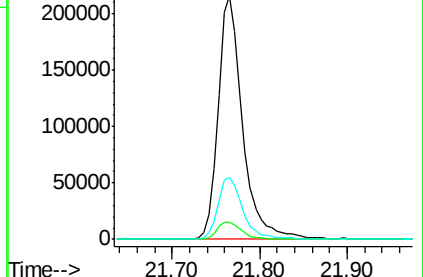
236 25.3 20.9 31.3



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: 89.477 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031438.D

Acq: 9 Dec 2017 3:29

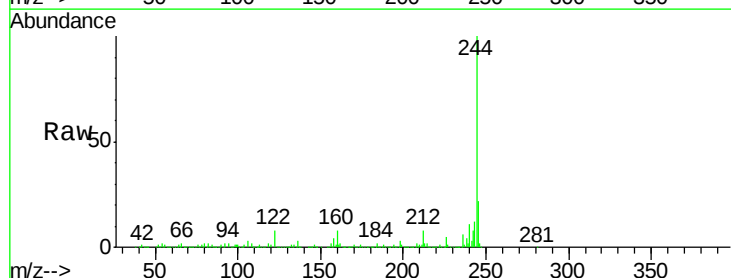
Tgt Ion:244 Resp: 1677700

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

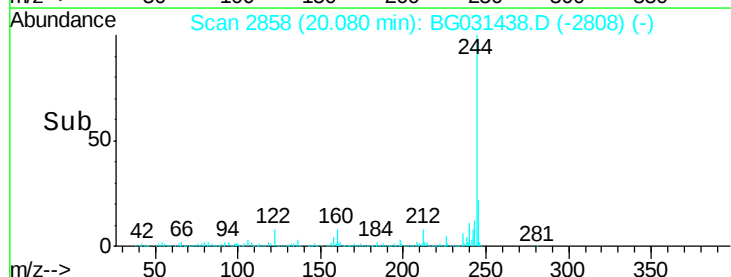
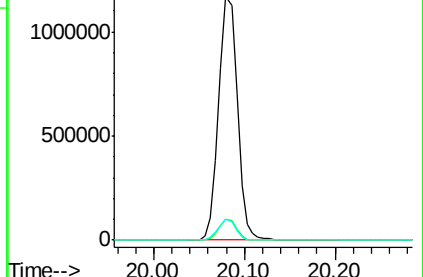
122 8.4 7.0 10.4

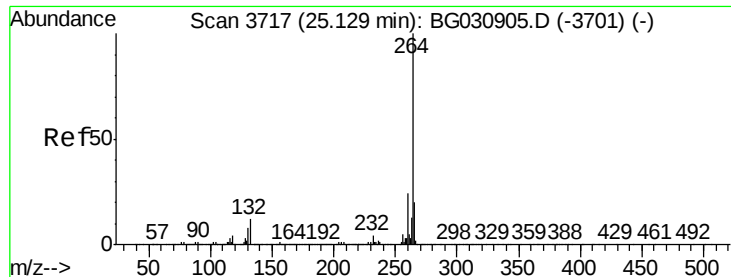


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

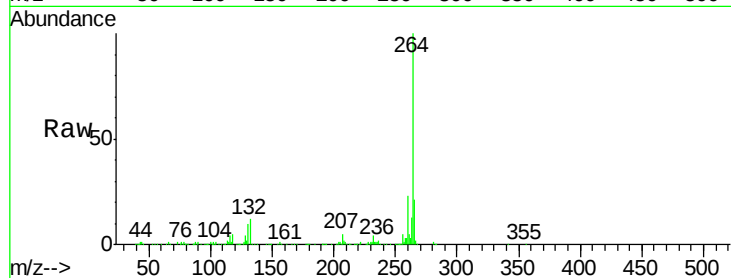




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. 0.00 min
Lab File: BG031438.D
Acq: 9 Dec 2017 3:29

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.9	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

