

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026404.D
 Acq On : 23 Mar 2017 15:56
 Operator : SJ/MA
 Sample : I2369-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-HYD

Quant Time: Mar 24 01:00:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

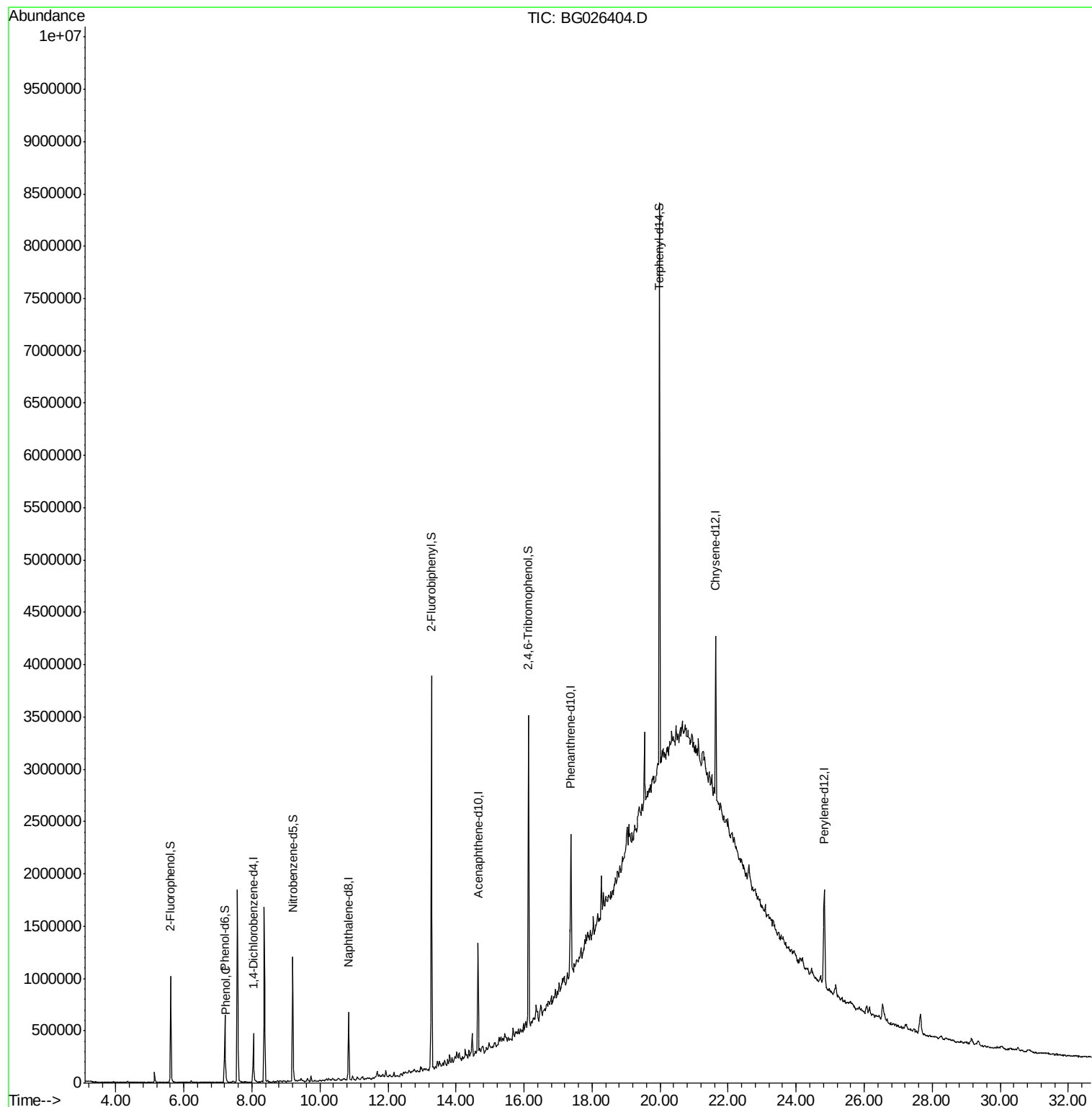
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	148503	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	620860	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	366942	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	839073	20.00	ng	0.00
75) Chrysene-d12	21.63	240	969461	20.00	ng	0.00
86) Perylene-d12	24.82	264	957409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	569293	68.04	ng	0.00
7) Phenol-d6	7.20	99	488170	43.46	ng	0.00
23) Nitrobenzene-d5	9.20	82	785262	76.05	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	624541	148.63	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2081029	79.53	ng	0.00
78) Terphenyl-d14	19.98	244	2327145	58.30	ng	0.00
Target Compounds						
10) Phenol	7.23	94	53901	4.50	ng	Qvalue # 74

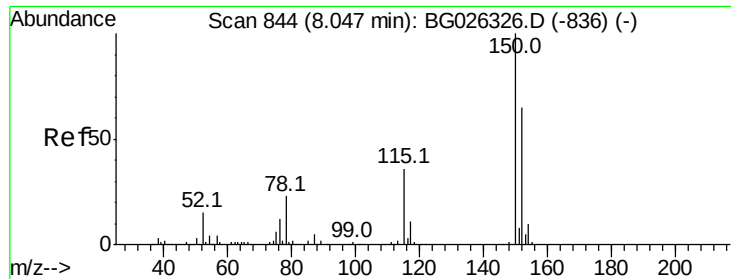
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 20 17:43:27 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG026404.D

Acq: 23 Mar 2017 15:56

Instrument :

BNA_G

ClientSampleId :

GW-HYD

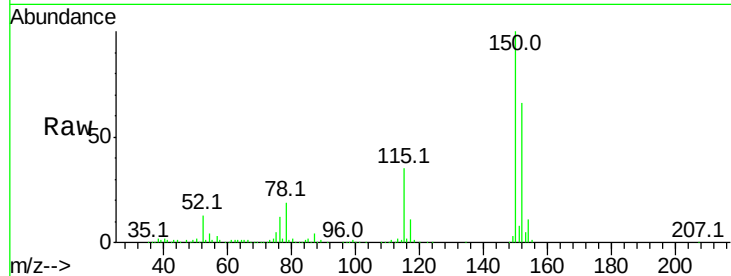
Tot Ion:152 Resp: 148503

Ion Ratio Lower Upper

152 100

150 152.3 114.0 171.0

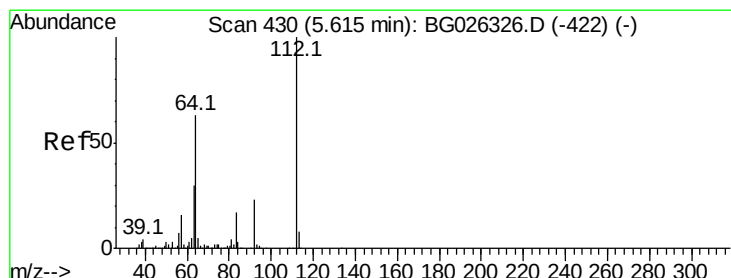
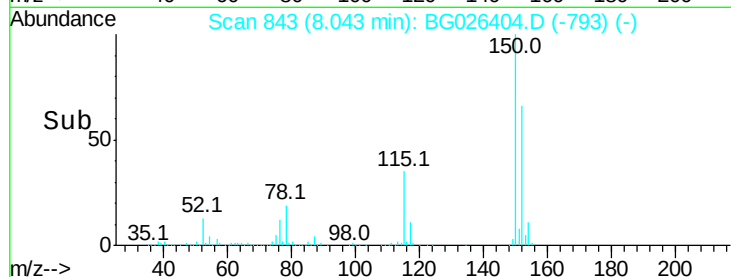
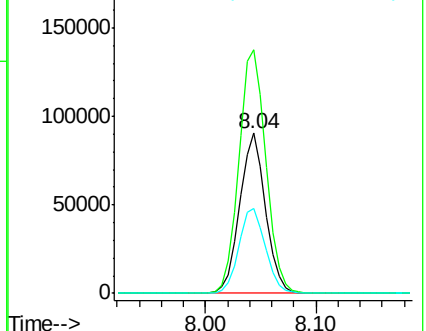
115 53.1 48.1 72.1



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: 68.04 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG026404.D

Acq: 23 Mar 2017 15:56

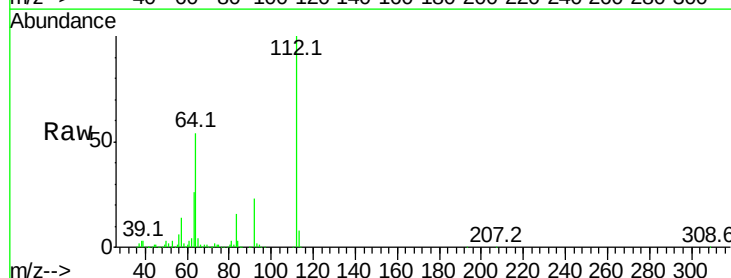
Tgt Ion:112 Resp: 569293

Ion Ratio Lower Upper

112 100

64 54.3 61.8 92.6#

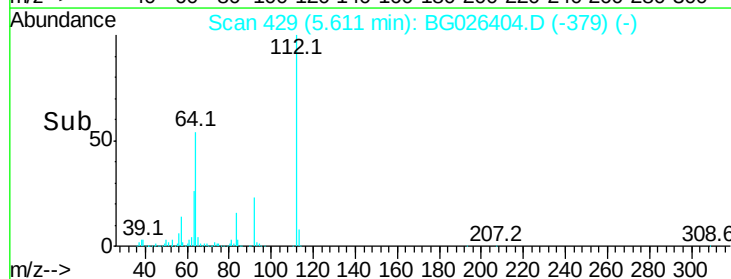
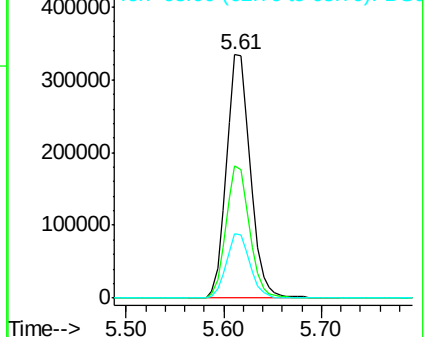
63 26.4 37.2 55.8#

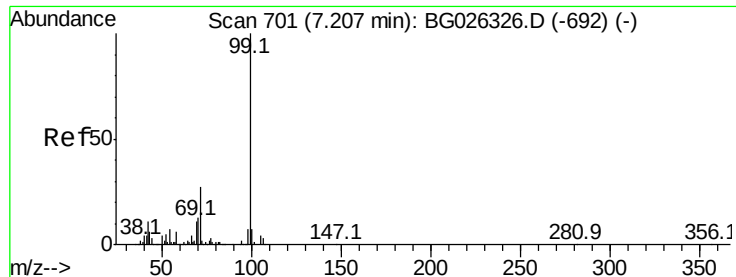


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.46 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026404.D

Acq: 23 Mar 2017 15:56

Instrument :

BNA_G

ClientSampleId :

GW-HYD

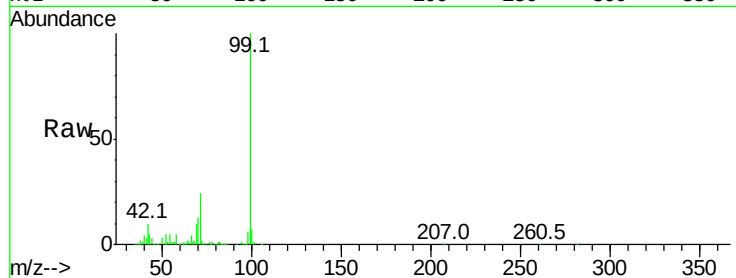
Tot Ion: 99 Resp: 488170

Ion Ratio Lower Upper

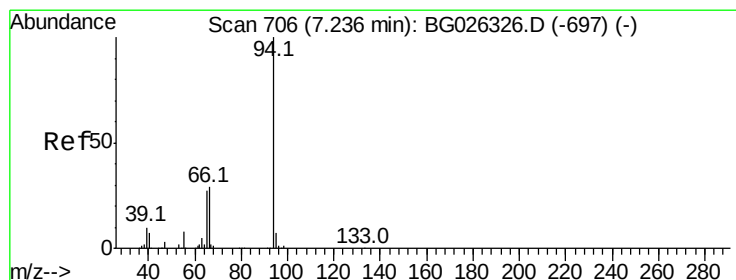
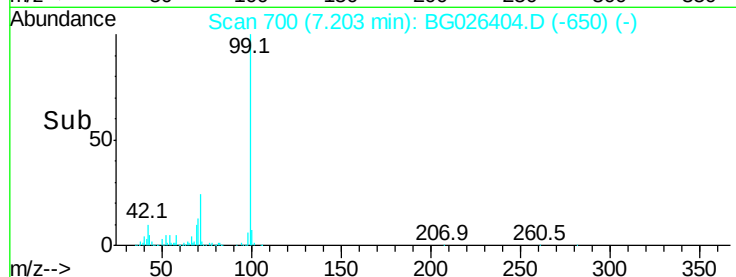
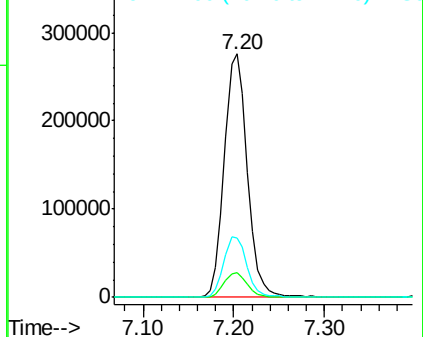
99 100

42 10.3 20.5 30.7#

71 24.3 37.6 56.4#



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



#10

Phenol

Concen: 4.50 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG026404.D

Acq: 23 Mar 2017 15:56

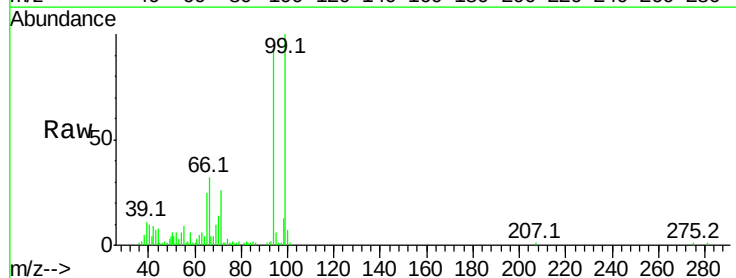
Tgt Ion: 94 Resp: 53901

Ion Ratio Lower Upper

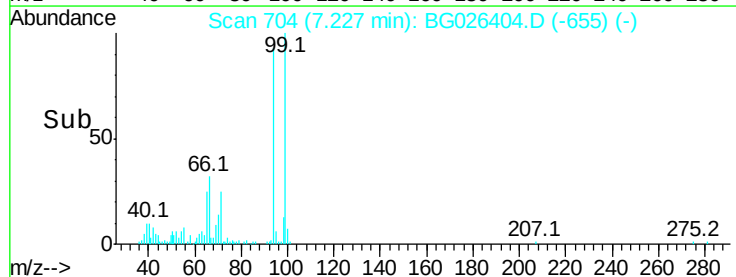
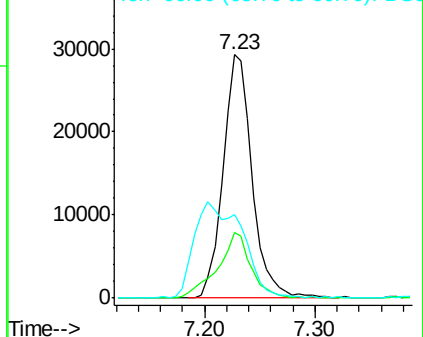
94 100

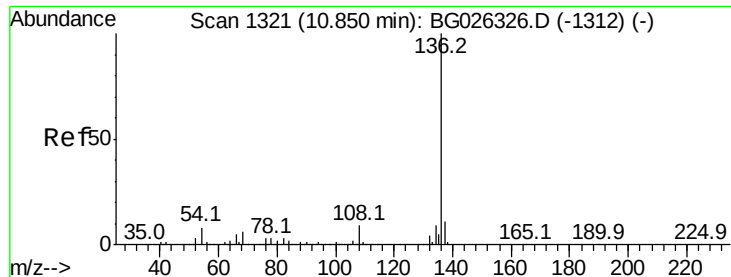
65 27.0 20.6 60.6

66 34.3 35.5 75.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG026404.D

Acq: 23 Mar 2017 15:56

Instrument :

BNA_G

ClientSampleId :

GW-HYD

Tot Ion:136 Resp: 620860

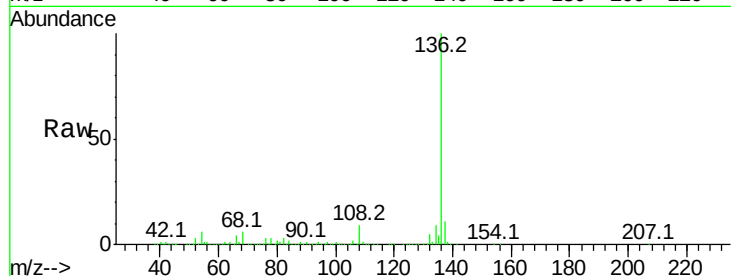
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.3 9.3 13.9#

68 6.5 5.1 7.7

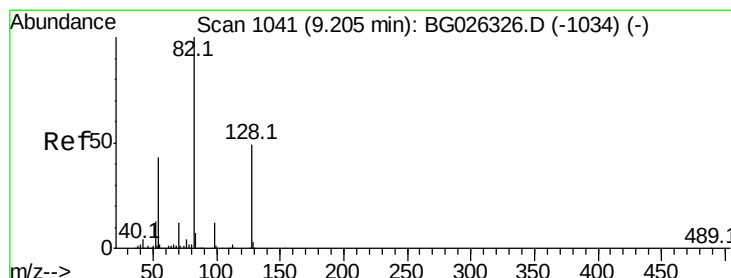
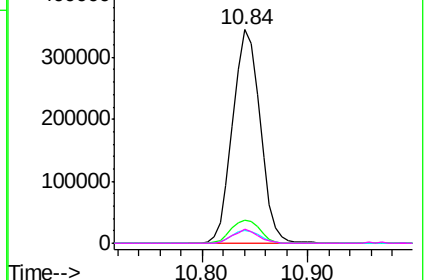
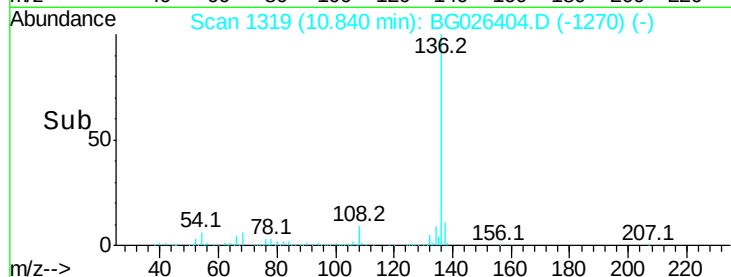


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.05 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BG026404.D

Acq: 23 Mar 2017 15:56

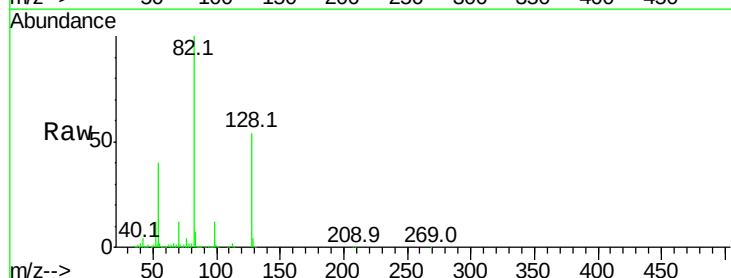
Tgt Ion: 82 Resp: 785262

Ion Ratio Lower Upper

82 100

128 53.6 26.4 39.6#

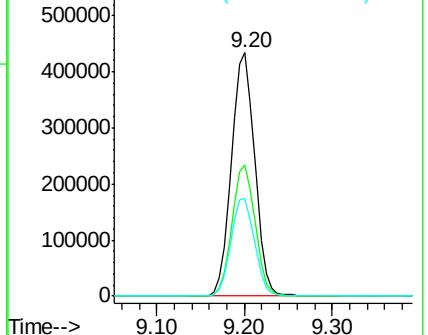
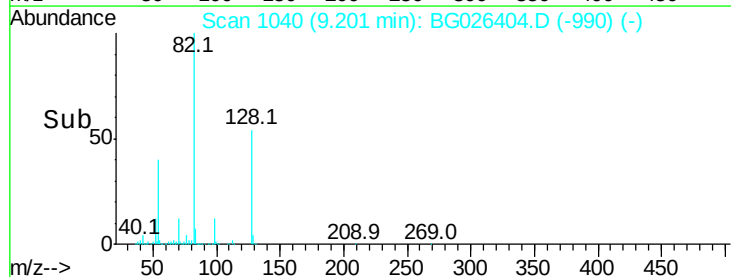
54 40.3 49.4 74.2#

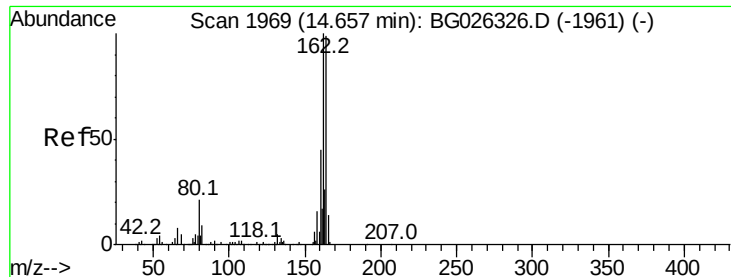


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG026404.D

Acq: 23 Mar 2017 15:56

Instrument :

BNA_G

ClientSampleId :

GW-HYD

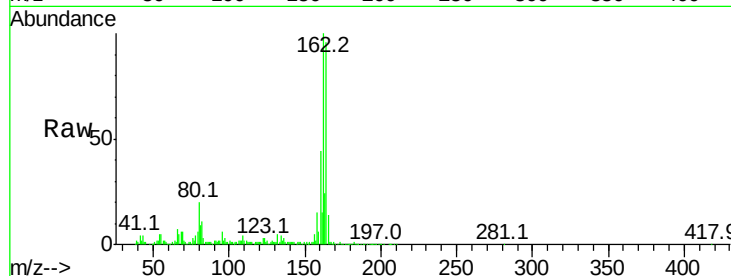
Tot Ion:164 Resp: 366942

Ion Ratio Lower Upper

164 100

162 104.7 85.1 127.7

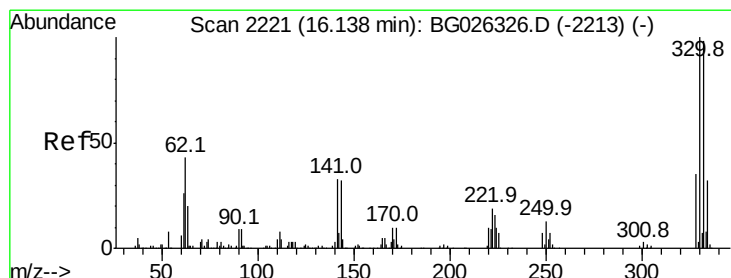
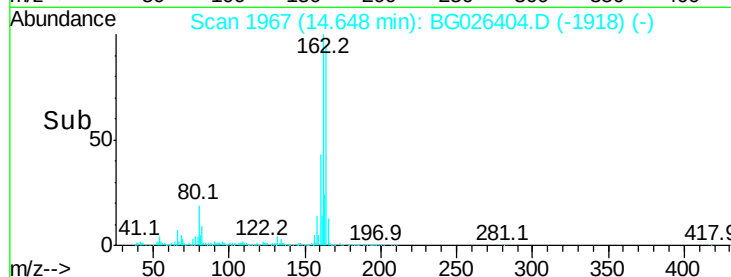
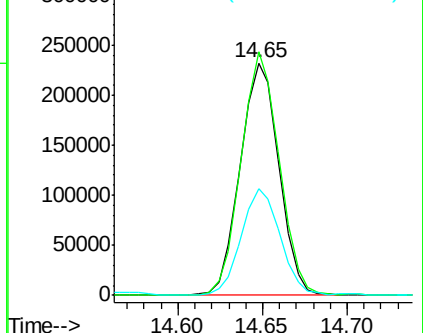
160 45.6 34.7 52.1



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: 148.63 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG026404.D

Acq: 23 Mar 2017 15:56

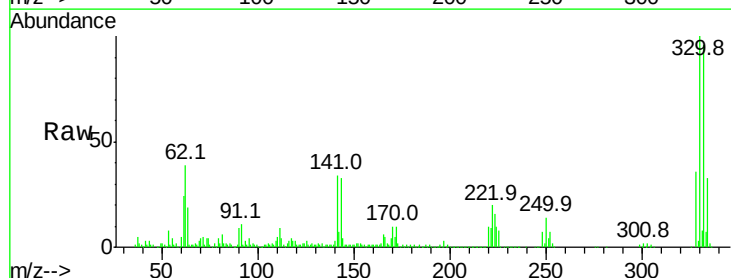
Tgt Ion:330 Resp: 624541

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

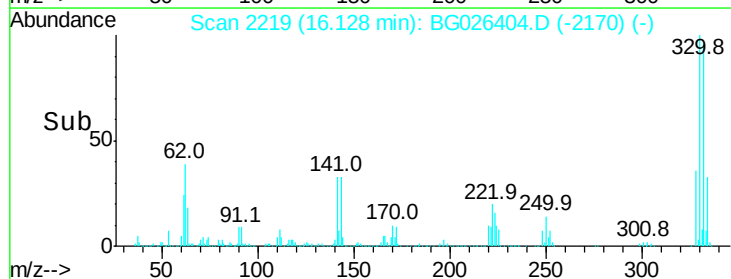
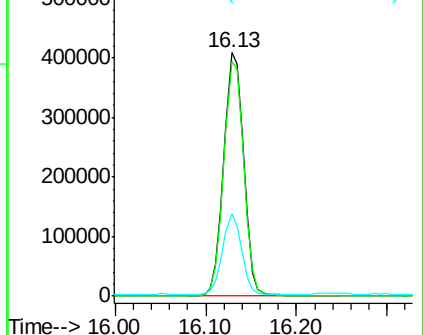
141 31.5 32.1 48.1#

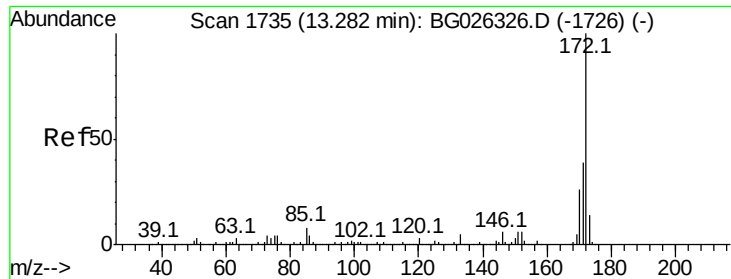


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

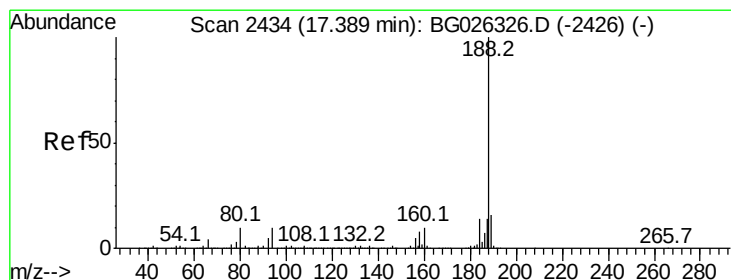
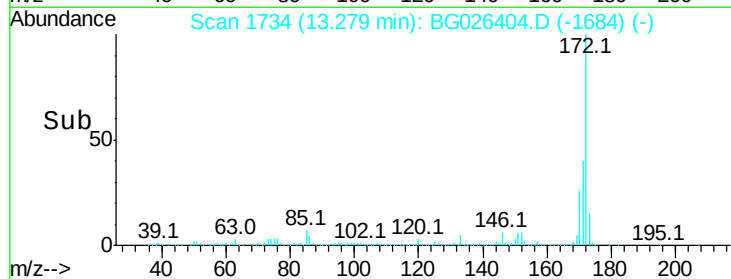
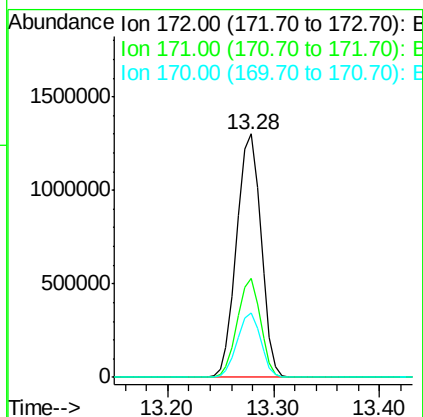
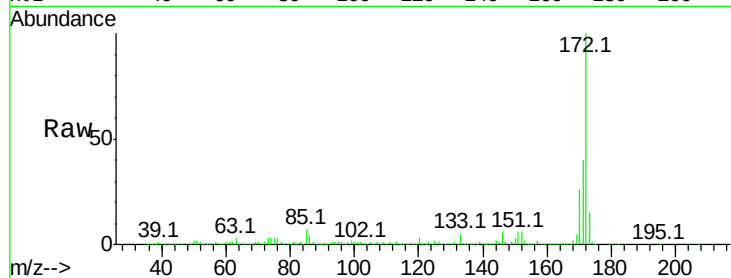




#44
2-Fluorobiphenyl
Concen: 79.53 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG026404.D
Acq: 23 Mar 2017 15:56

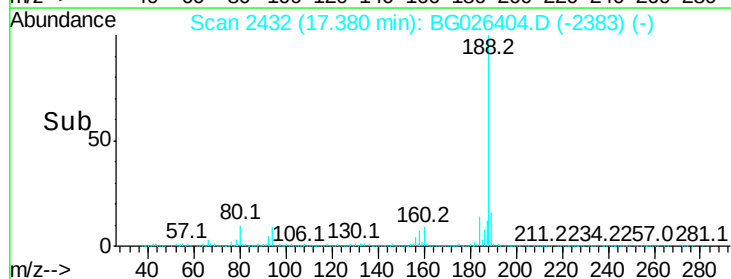
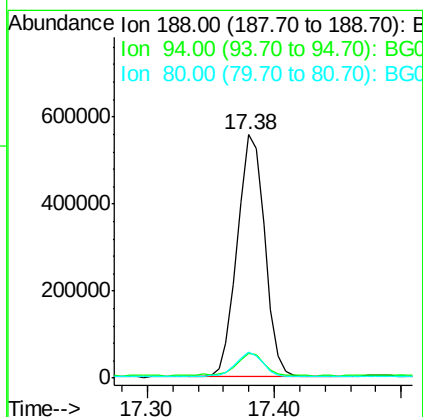
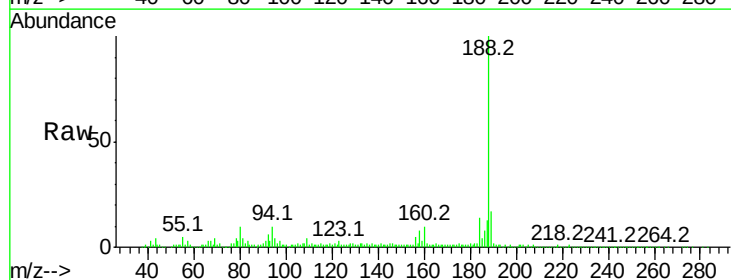
Instrument :
BNA_G
ClientSampleId :
GW-HYD

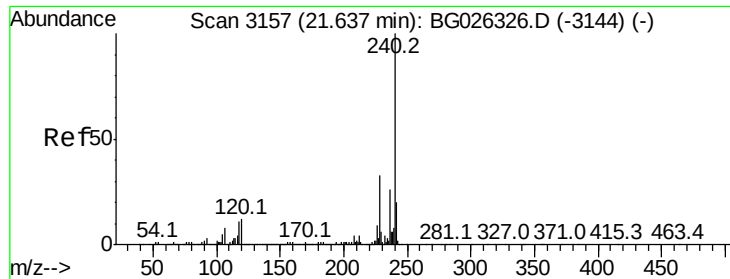
Tot Ion:172 Resp: 2081029
Ion Ratio Lower Upper
172 100
171 40.4 32.2 48.2
170 26.2 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026404.D
Acq: 23 Mar 2017 15:56

Tgt Ion:188 Resp: 839073
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 10.4 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG026404.D

Acq: 23 Mar 2017 15:56

Instrument :

BNA_G

ClientSampleId :

GW-HYD

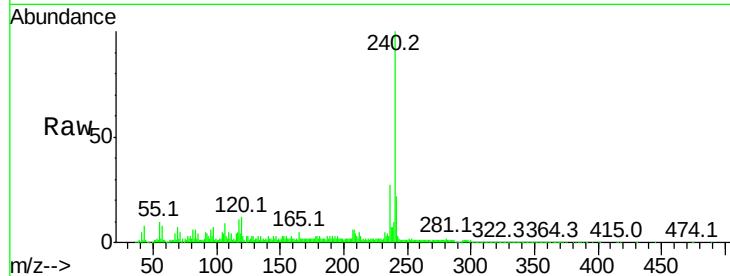
Tot Ion:240 Resp: 969461

Ion Ratio Lower Upper

240 100

120 12.5 5.7 8.5#

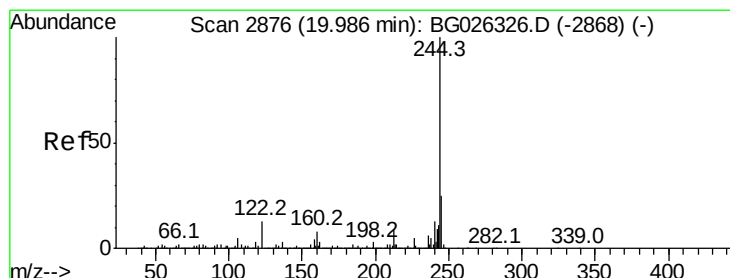
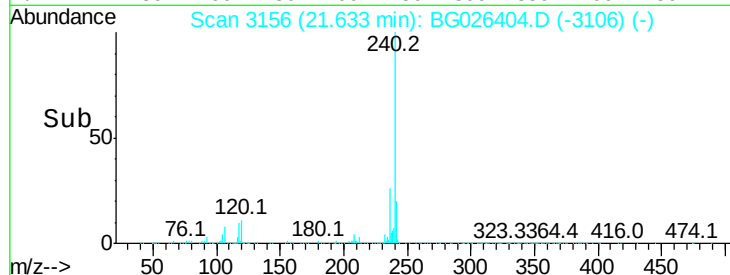
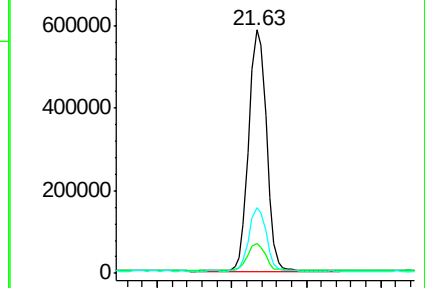
236 27.0 22.2 33.4



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: 58.30 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG026404.D

Acq: 23 Mar 2017 15:56

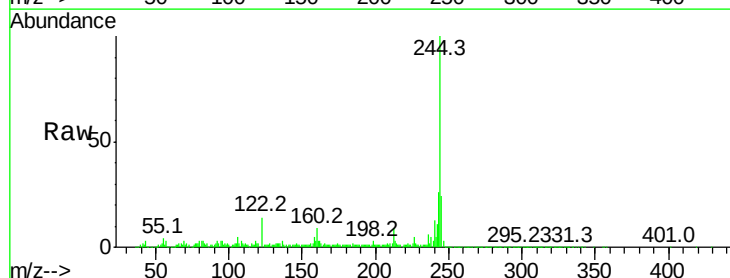
Tgt Ion:244 Resp: 2327145

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

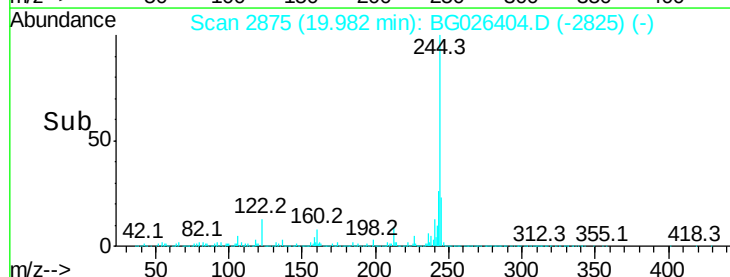
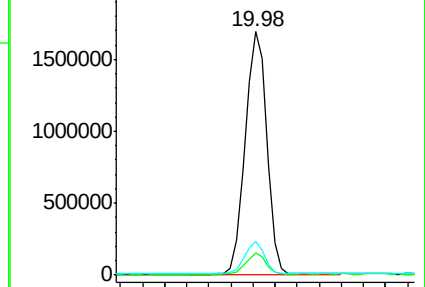
122 13.8 8.6 12.8#

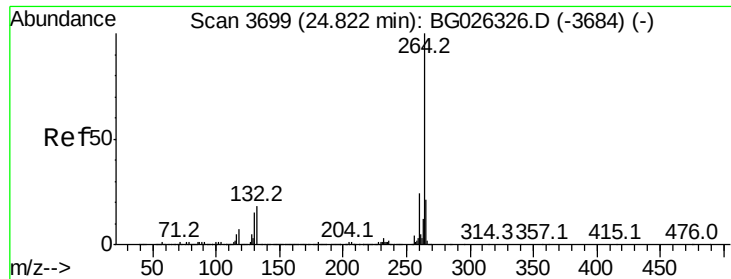


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3699
Delta R.T. 0.00 min
Lab File: BG026404.D
Acq: 23 Mar 2017 15:56

Instrument :
BNA_G
ClientSampleId :
GW-HYD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	22.1	18.2	27.4

