

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
 Data File : BG031403.D
 Acq On : 7 Dec 2017 17:55
 Operator : SJ/JU
 Sample : I6765-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB003B

Quant Time: Dec 07 19:53:52 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

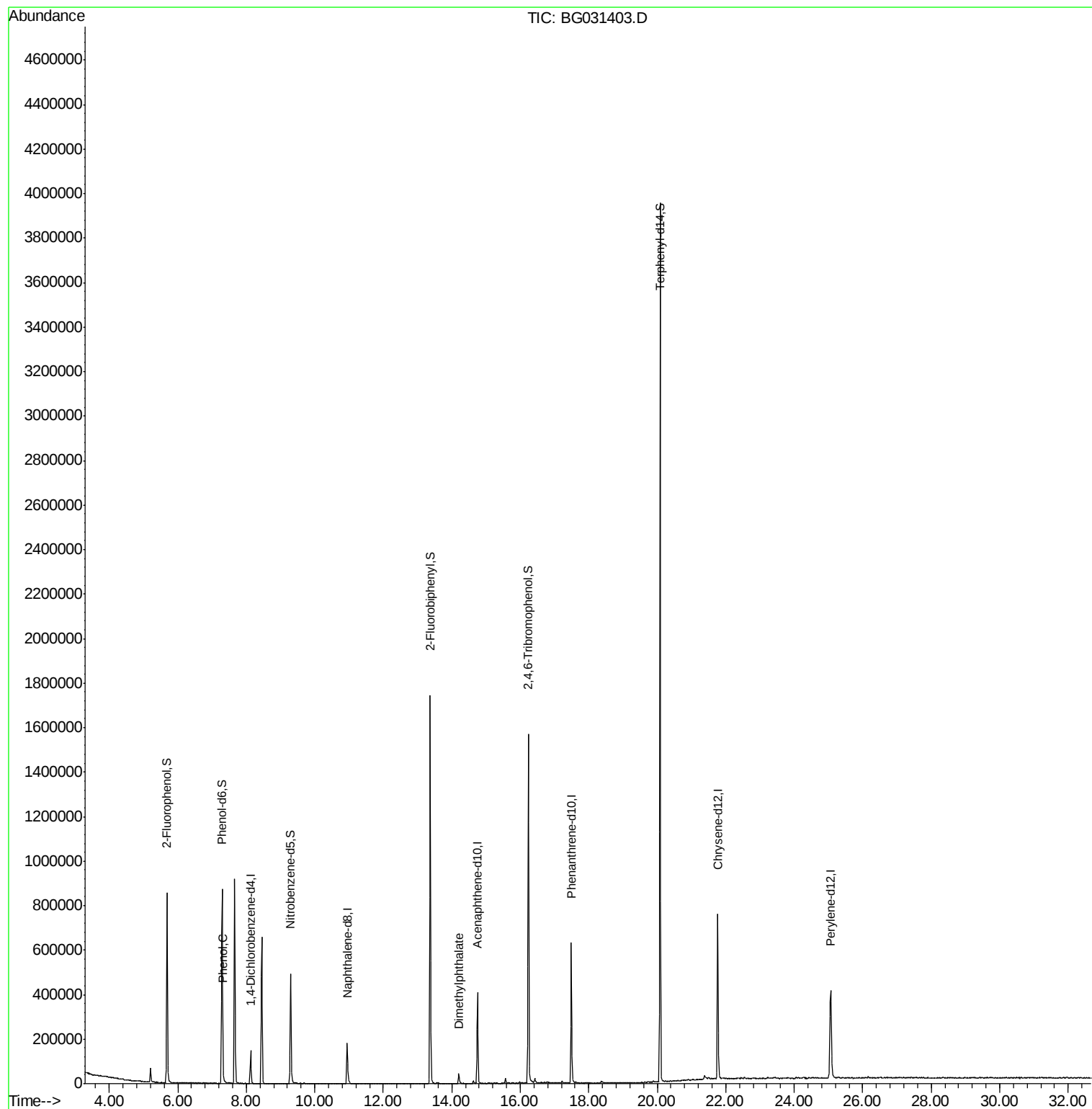
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	45992	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	204399	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	149685	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	446564	20.00	ng	0.00
75) Chrysene-d12	21.77	240	505211	20.00	ng	0.00
86) Perylene-d12	25.06	264	491739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	414373	154.49	ng	0.00
7) Phenol-d6	7.29	99	565986	156.64	ng	0.00
23) Nitrobenzene-d5	9.29	82	345062	100.04	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	320805	132.49	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1015200	97.45	ng	0.00
78) Terphenyl-d14	20.09	244	1965674	85.91	ng	0.00
Target Compounds						
10) Phenol	7.32	94	22384	5.965	ng	88
49) Dimethylphthalate	14.20	163	47902	3.701	ng	97

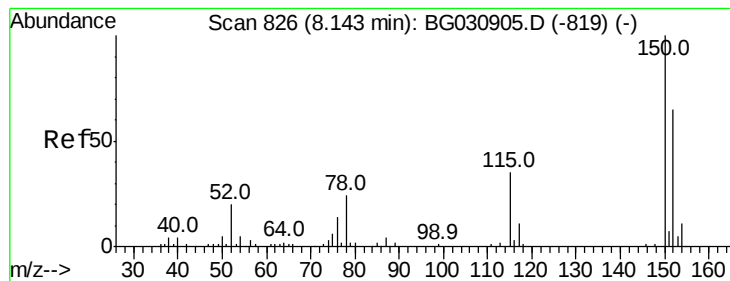
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
Data File : BG031403.D
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Sample : I6765-06
Misc :
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Instrument :
BNA_G
ClientSampleId :
SOIL-SB003B

Quant Time: Dec 07 19:53:52 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



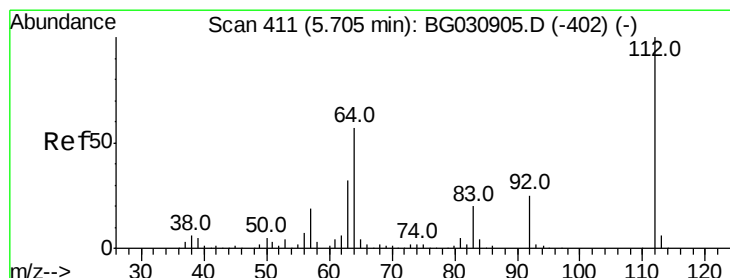
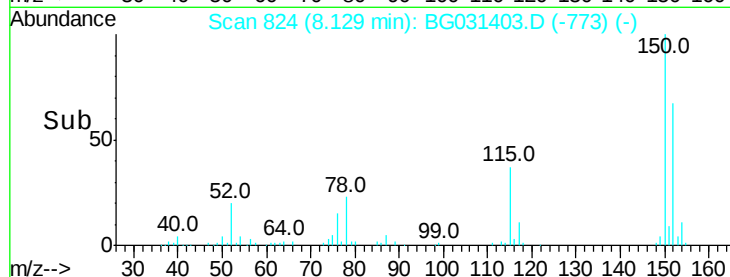
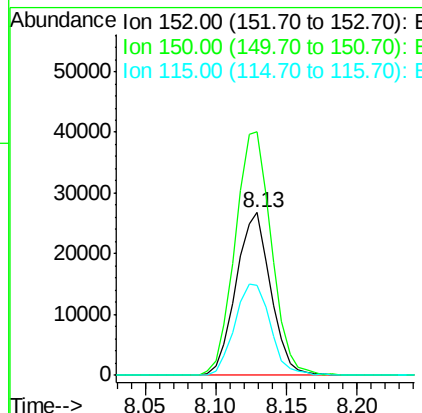
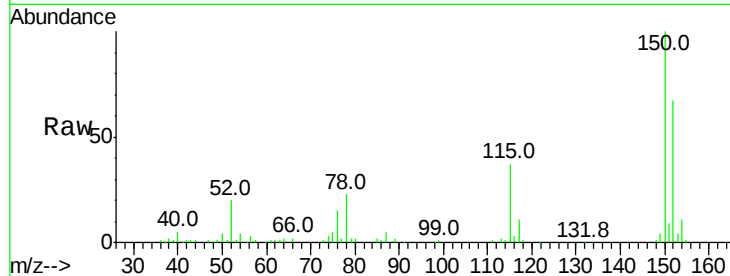


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG031403.D
Acq: 7 Dec 2017 17:55

Instrument :
BNA_G
ClientSampleId :
SOIL-SB003B

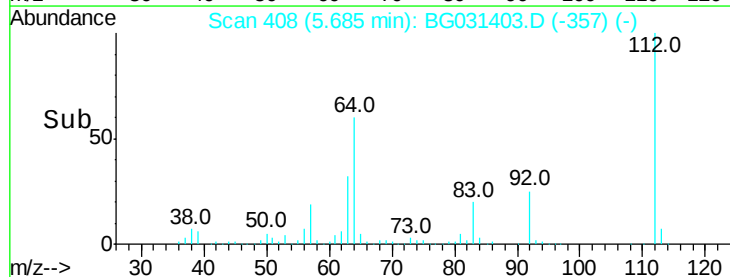
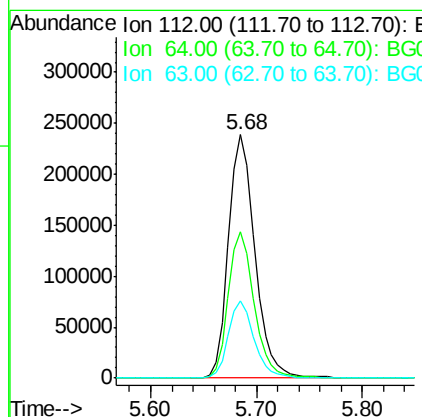
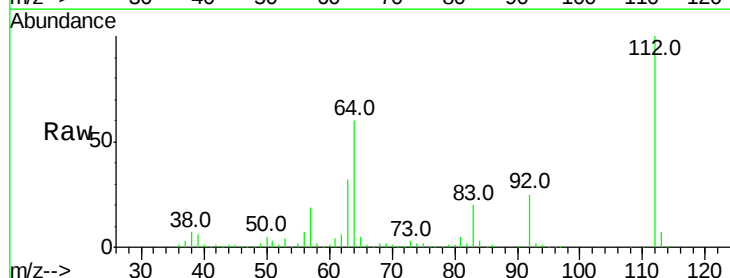
Tot Ion:152 Resp: 45992
Ion Ratio Lower Upper
152 100
150 149.5 126.6 189.8
115 55.6 53.0 79.4

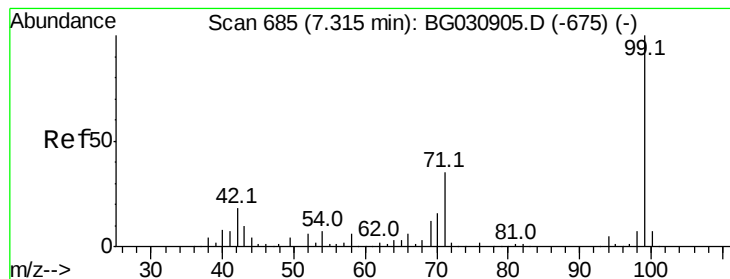


#5

2-Fluorophenol
Concen: 154.494 ng
RT: 5.68 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031403.D
Acq: 7 Dec 2017 17:55

Tgt Ion:112 Resp: 414373
Ion Ratio Lower Upper
112 100
64 60.2 56.3 84.5
63 31.8 30.1 45.1





#7

Phenol-d6

Concen: 156.635 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031403.D

Acq: 7 Dec 2017 17:55

Instrument :

BNA_G

ClientSampleId :

SOIL-SB003B

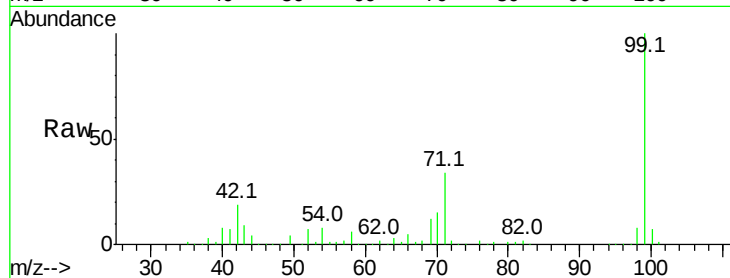
Tot Ion: 99 Resp: 565986

Ion Ratio Lower Upper

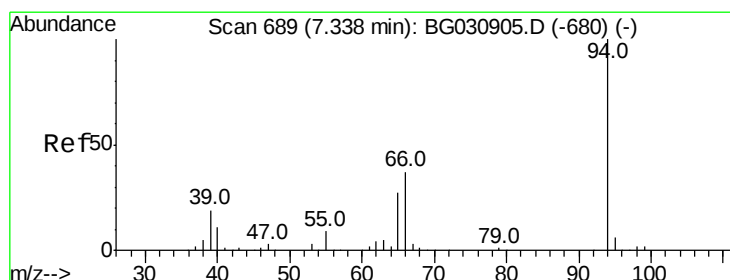
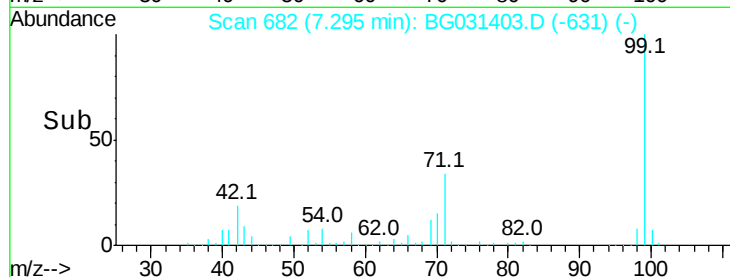
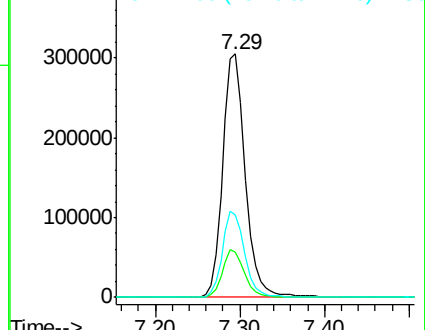
99 100

42 18.7 14.1 21.1

71 33.9 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



#10

Phenol

Concen: 5.965 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG031403.D

Acq: 7 Dec 2017 17:55

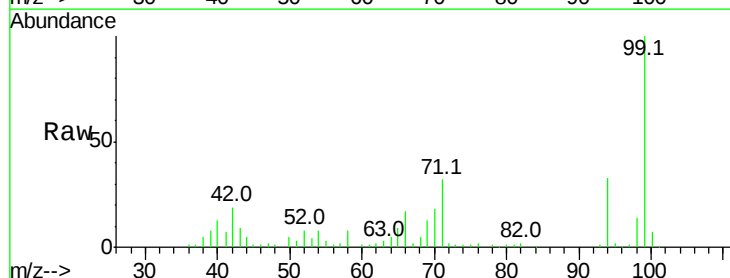
Tgt Ion: 94 Resp: 22384

Ion Ratio Lower Upper

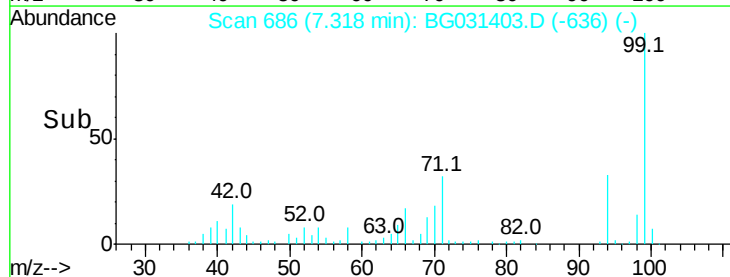
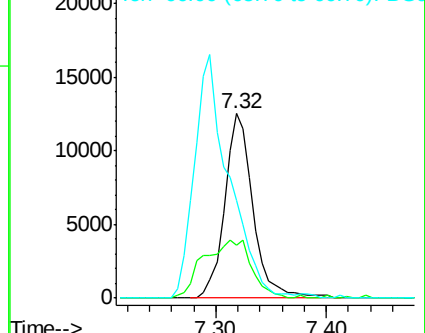
94 100

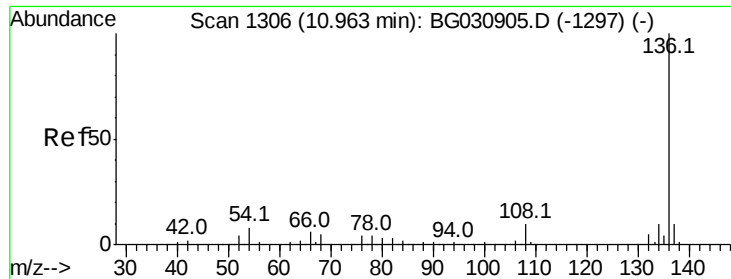
65 28.4 11.9 51.9

66 52.6 22.2 62.2



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: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031403.D

Acq: 7 Dec 2017 17:55

Instrument :

BNA_G

ClientSampleId :

SOIL-SB003B

Tot Ion:136 Resp: 204399

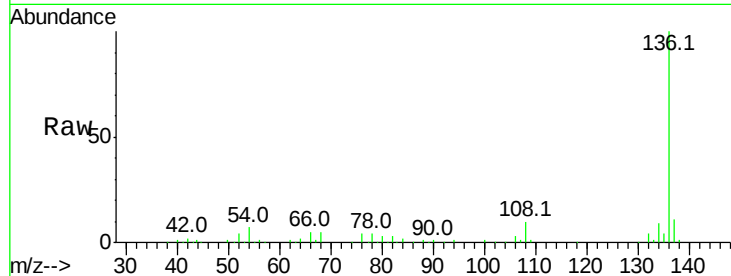
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.3 10.3 15.5#

68 5.1 4.5 6.7

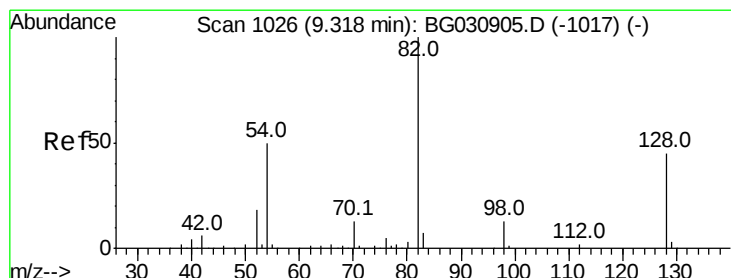
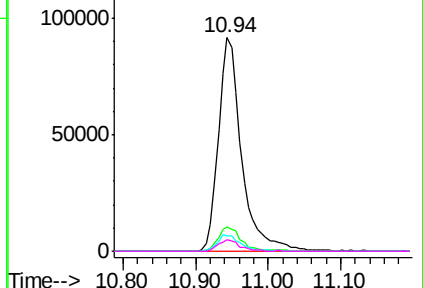
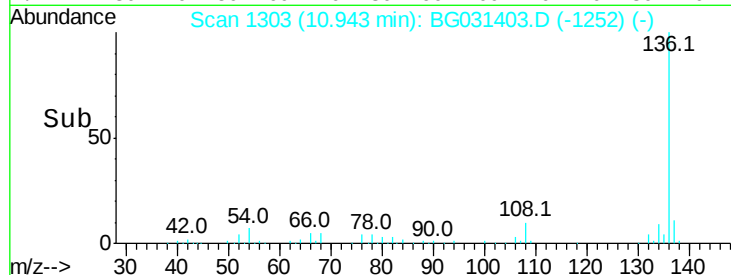


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.035 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG031403.D

Acq: 7 Dec 2017 17:55

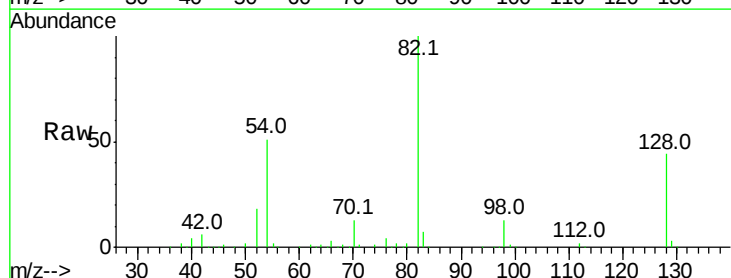
Tgt Ion: 82 Resp: 345062

Ion Ratio Lower Upper

82 100

128 44.2 29.7 44.5

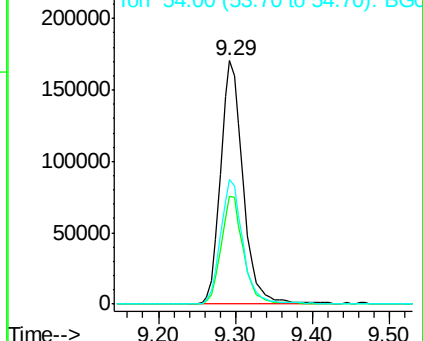
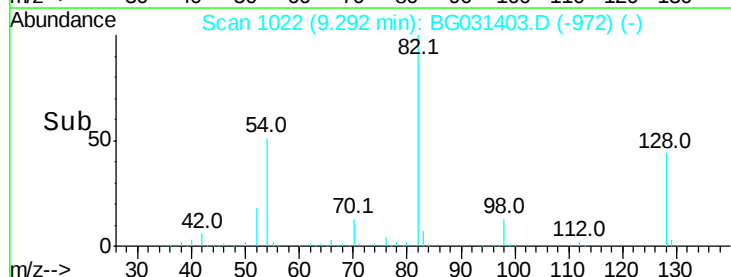
54 51.0 43.1 64.7

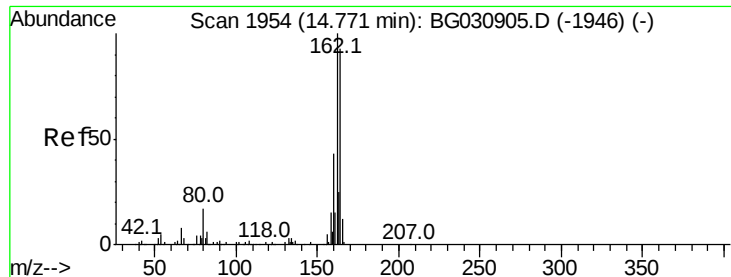


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG031403.D

Acq: 7 Dec 2017 17:55

Instrument :

BNA_G

ClientSampleId :

SOIL-SB003B

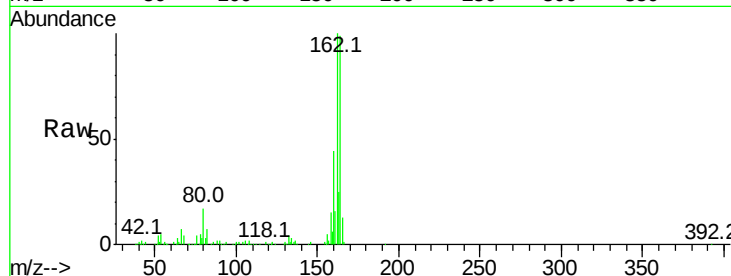
Tot Ion:164 Resp: 149685

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

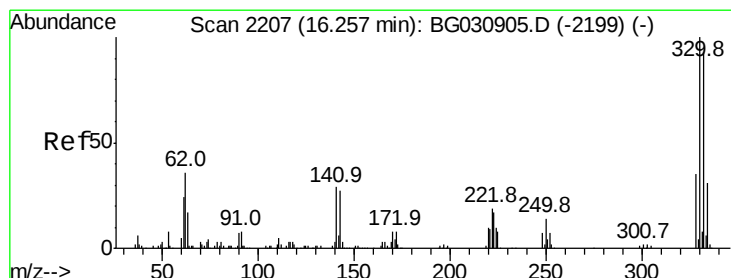
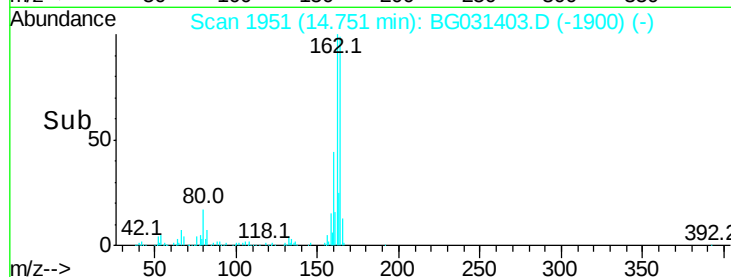
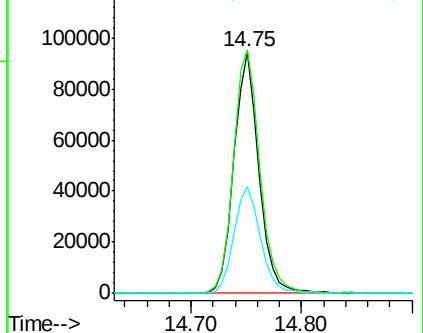
160 44.1 35.4 53.0



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: 132.486 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031403.D

Acq: 7 Dec 2017 17:55

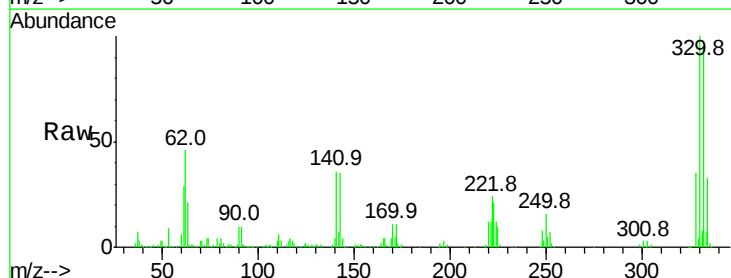
Tgt Ion:330 Resp: 320805

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

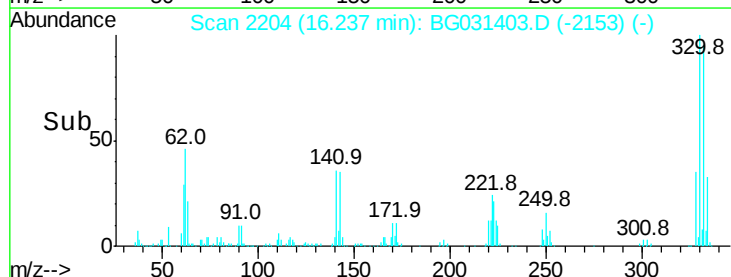
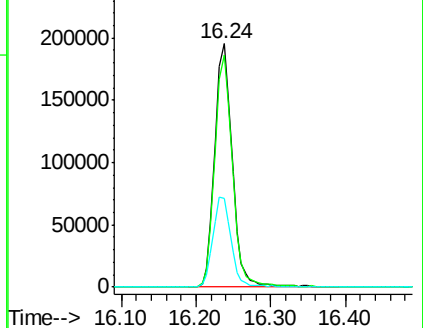
141 37.9 25.2 37.8#

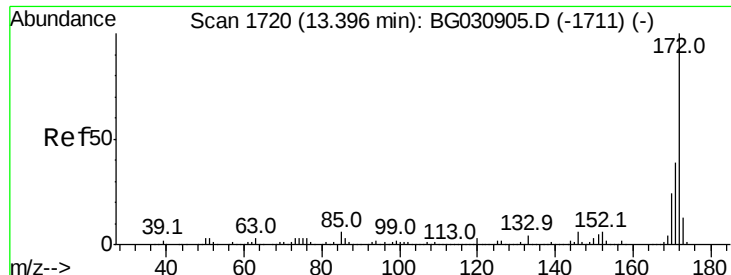


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



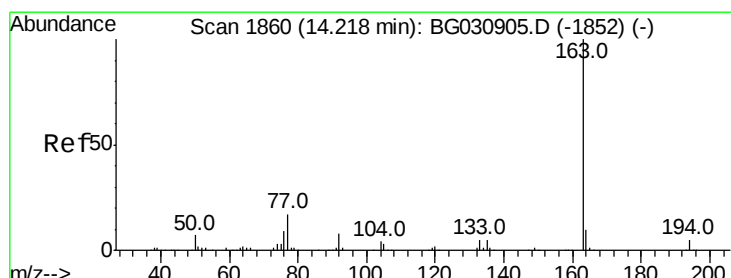
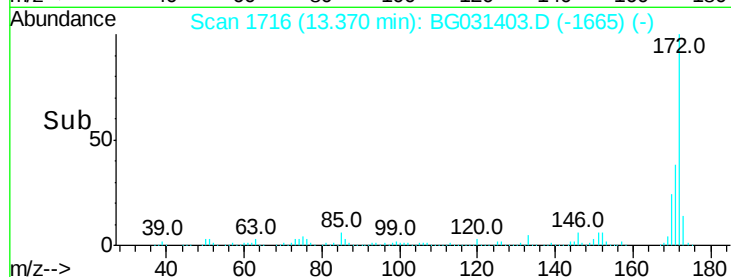
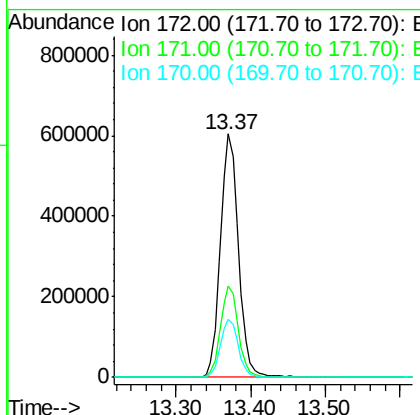
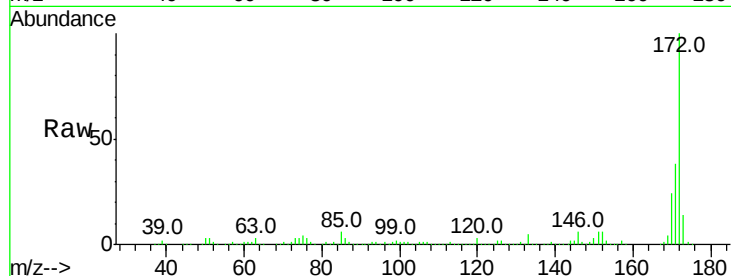


#44
 2-Fluorobiphenyl
 Concen: 97.453 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031403.D
 Acq: 7 Dec 2017 17:55

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB003B

Tot Ion:172 Resp: 1015200

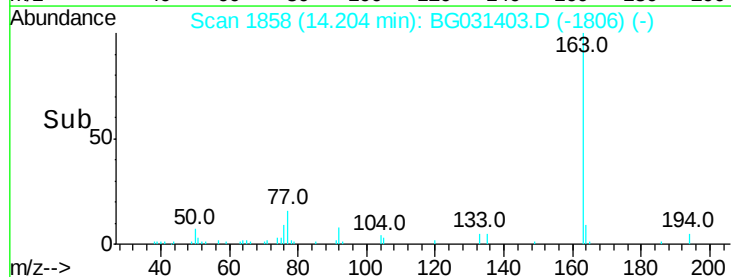
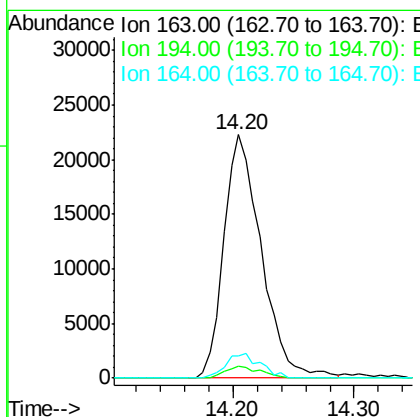
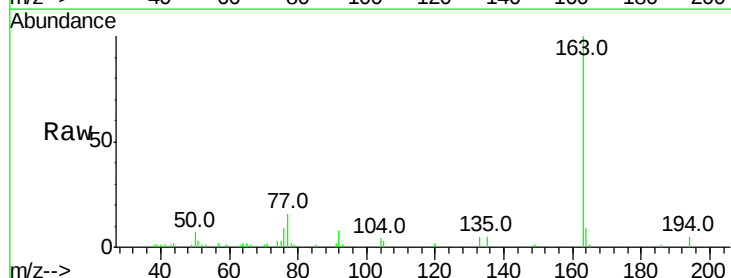
Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.0	19.5	29.3

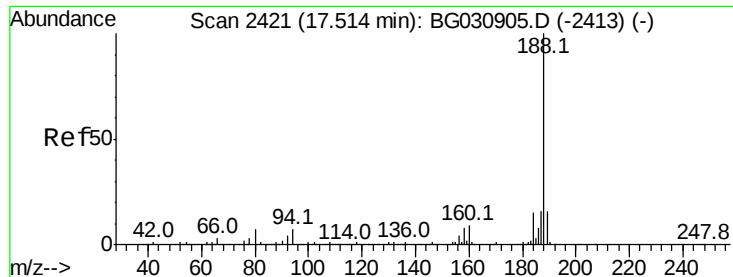


#49
 Dimethylphthalate
 Concen: 3.701 ng
 RT: 14.20 min Scan# 1858
 Delta R.T. 0.01 min
 Lab File: BG031403.D
 Acq: 7 Dec 2017 17:55

Tgt Ion:163 Resp: 47902

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.1	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BG031403.D

Acq: 7 Dec 2017 17:55

Instrument :

BNA_G

ClientSampleId :

SOIL-SB003B

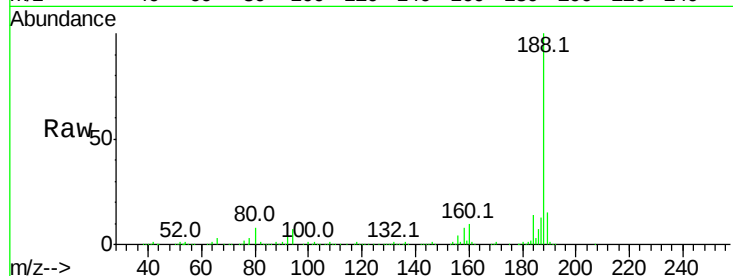
Tot Ion:188 Resp: 446564

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

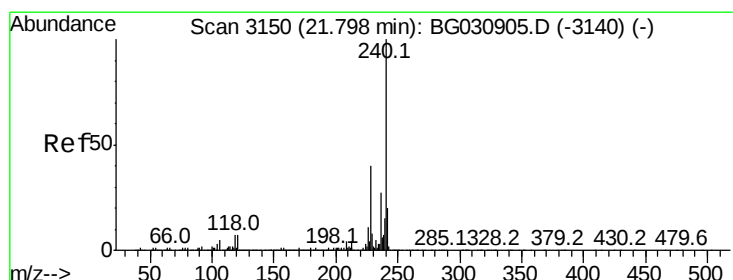
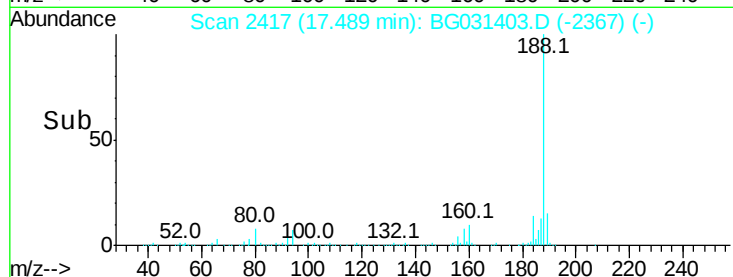
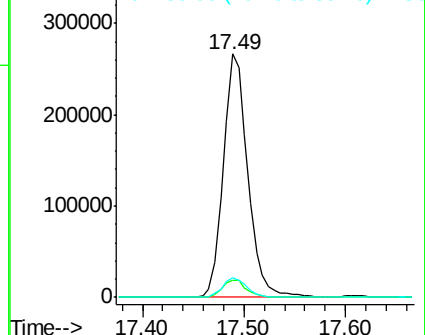
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031403.D

Acq: 7 Dec 2017 17:55

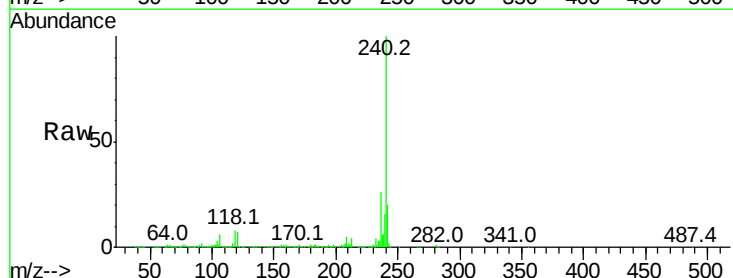
Tgt Ion:240 Resp: 505211

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

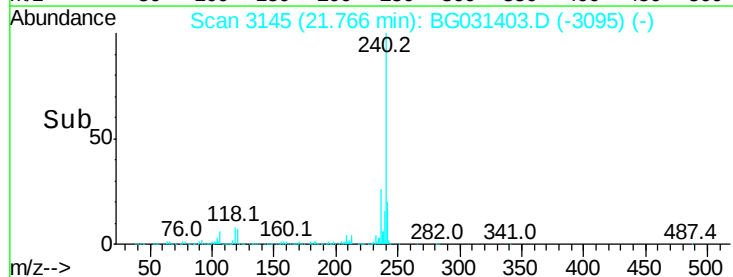
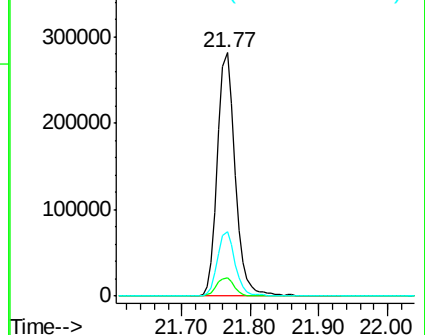
236 26.4 20.9 31.3

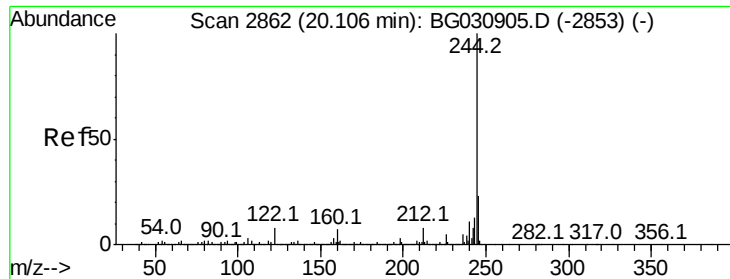


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.912 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG031403.D

Acq: 7 Dec 2017 17:55

Instrument :

BNA_G

ClientSampleId :

SOIL-SB003B

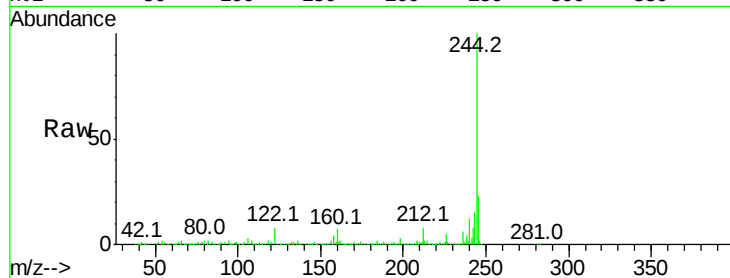
Tot Ion:244 Resp: 1965674

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

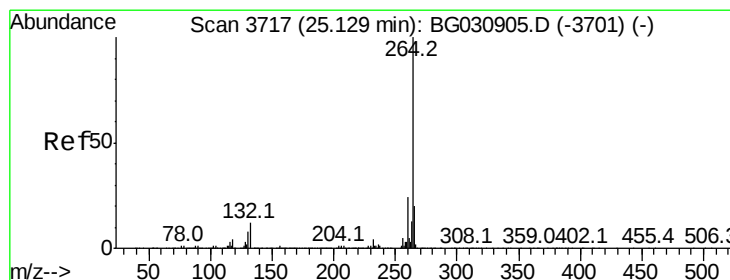
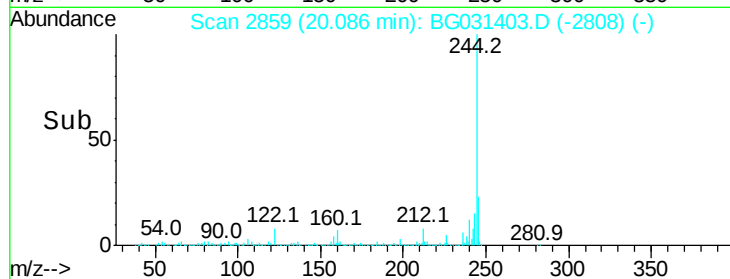
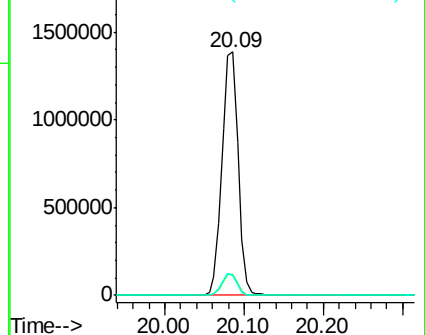
122 8.3 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG031403.D

Acq: 7 Dec 2017 17:55

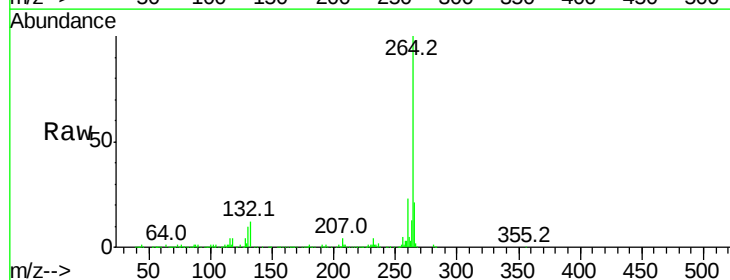
Tgt Ion:264 Resp: 491739

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.3 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

