

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
 Data File : BG031411.D
 Acq On : 7 Dec 2017 22:56
 Operator : SJ/JU
 Sample : I6765-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB008B

Quant Time: Dec 08 02:53:32 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

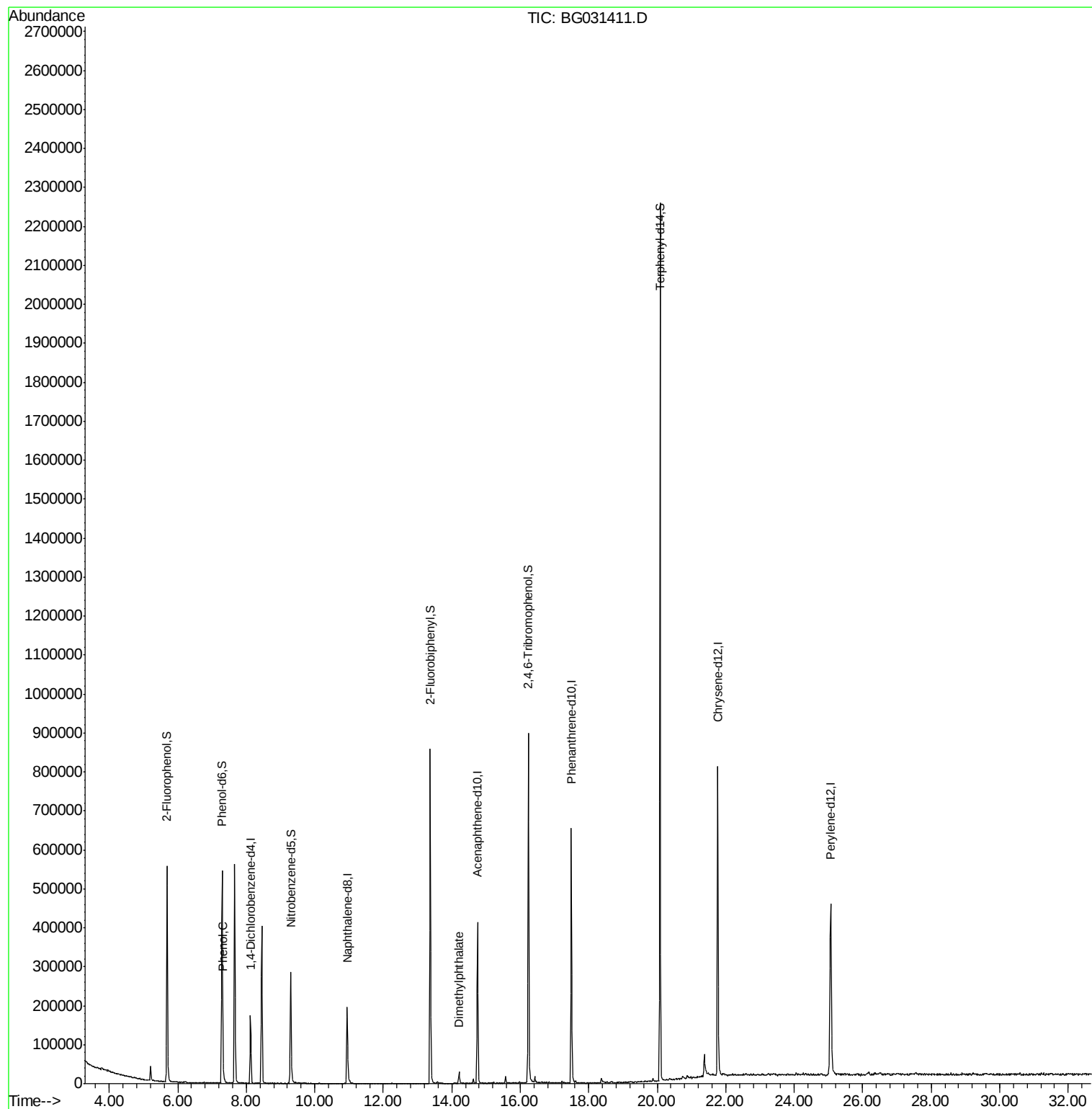
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	51012	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	218404	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	157367	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	463335	20.00	ng	0.00
75) Chrysene-d12	21.77	240	521999	20.00	ng	0.00
86) Perylene-d12	25.06	264	505191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	273619	91.98	ng	0.00
7) Phenol-d6	7.29	99	358319	89.41	ng	0.00
23) Nitrobenzene-d5	9.30	82	208776	56.64	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	182495	71.69	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	542291	49.52	ng	0.00
78) Terphenyl-d14	20.08	244	1104436	46.72	ng	0.00
Target Compounds						
10) Phenol	7.32	94	16625	3.994	ng	94
49) Dimethylphthalate	14.20	163	33884	2.490	ng	# 98

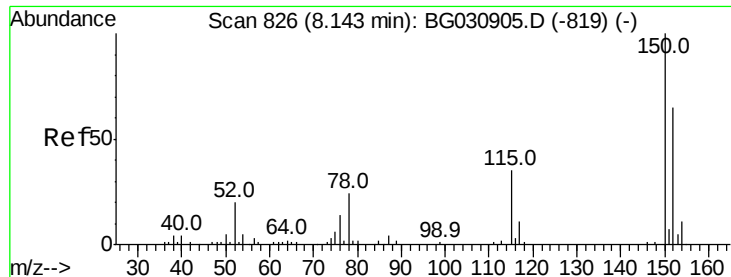
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG031411.D
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Operator : SJ/JU
Sample : I6765-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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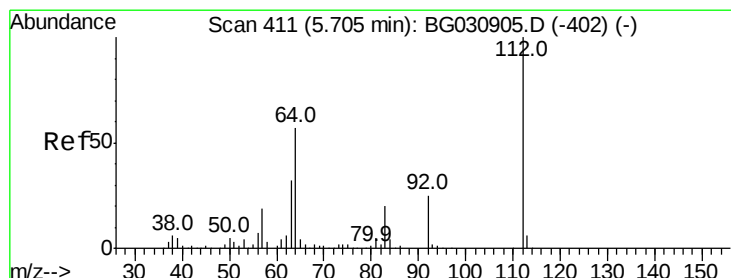
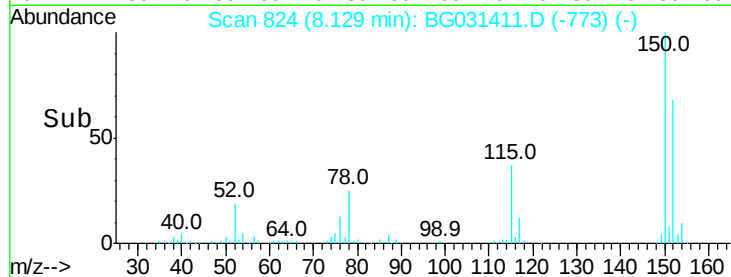
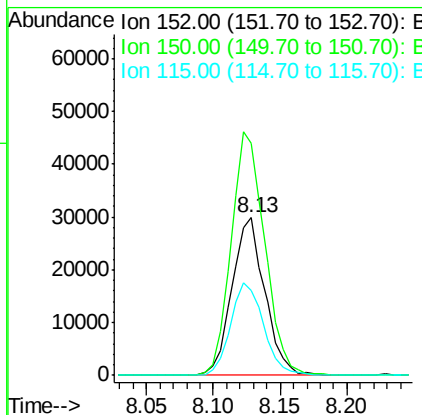
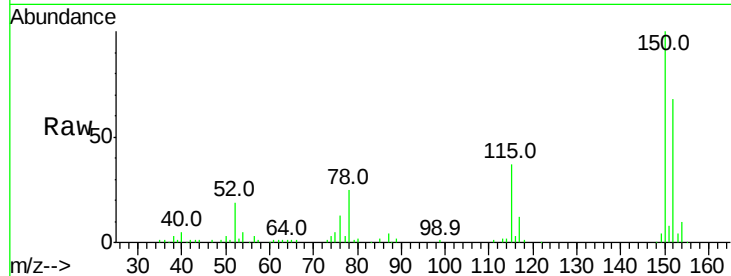


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG031411.D
Acq: 7 Dec 2017 22:56

Instrument :
BNA_G
ClientSampleId :
SOIL-SB008B

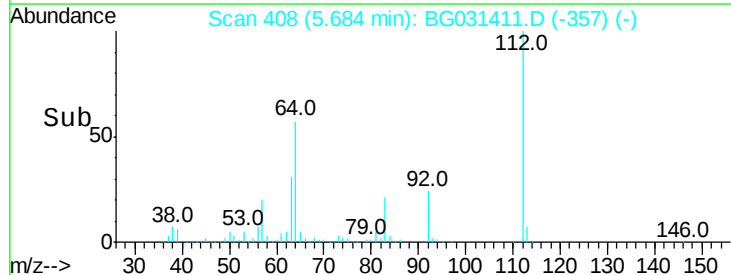
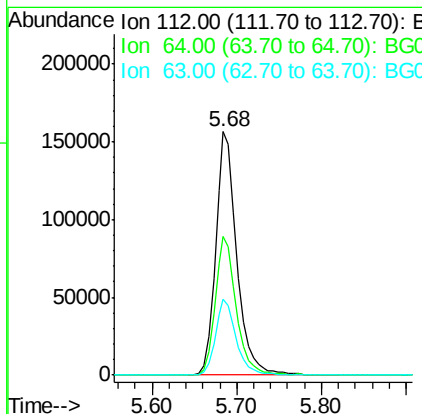
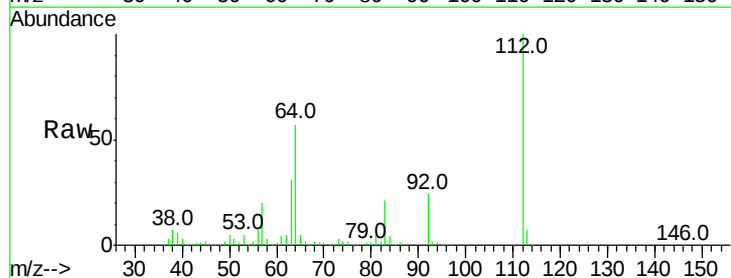
Tot Ion:152 Resp: 51012
Ion Ratio Lower Upper
152 100
150 147.0 126.6 189.8
115 53.9 53.0 79.4

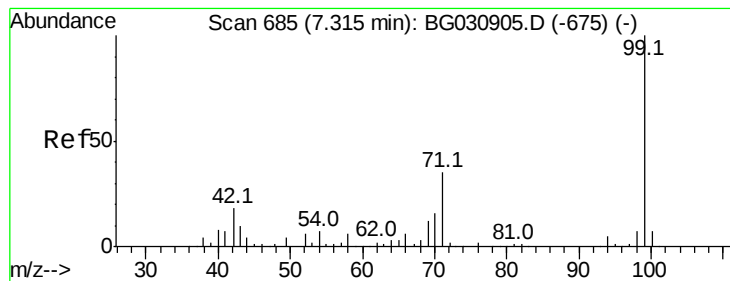


#5

2-Fluorophenol
Concen: 91.977 ng
RT: 5.68 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031411.D
Acq: 7 Dec 2017 22:56

Tgt Ion:112 Resp: 273619
Ion Ratio Lower Upper
112 100
64 57.1 56.3 84.5
63 31.3 30.1 45.1





#7

Phenol-d6

Concen: 89.405 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031411.D

Acq: 7 Dec 2017 22:56

Instrument :

BNA_G

ClientSampleId :

SOIL-SB008B

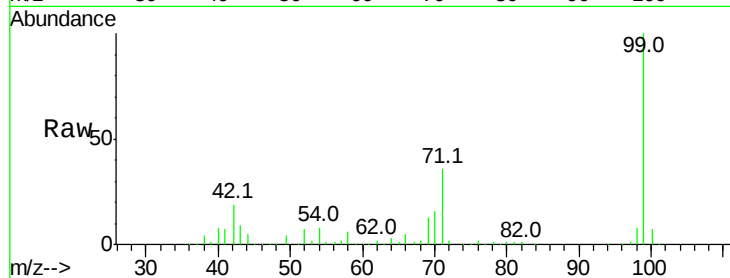
Tot Ion: 99 Resp: 358319

Ion Ratio Lower Upper

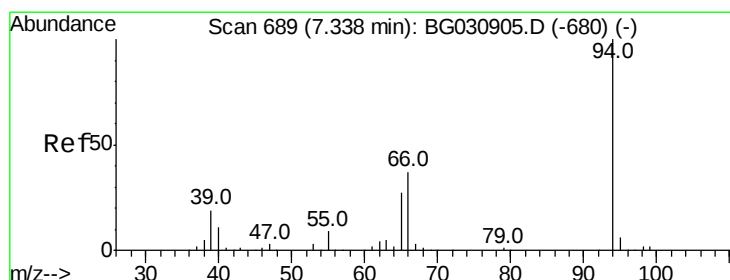
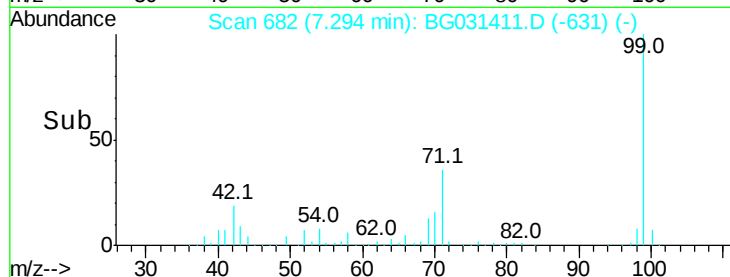
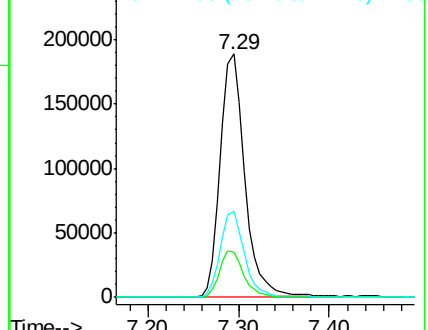
99 100

42 18.6 14.1 21.1

71 35.6 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: 3.994 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG031411.D

Acq: 7 Dec 2017 22:56

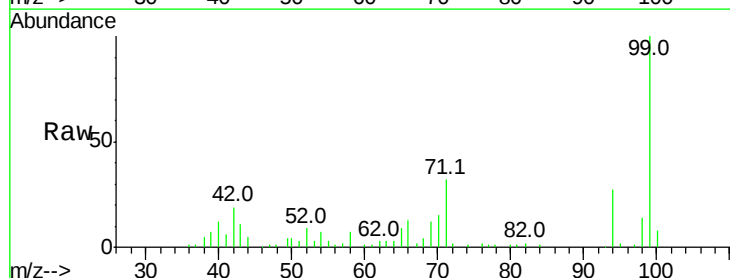
Tgt Ion: 94 Resp: 16625

Ion Ratio Lower Upper

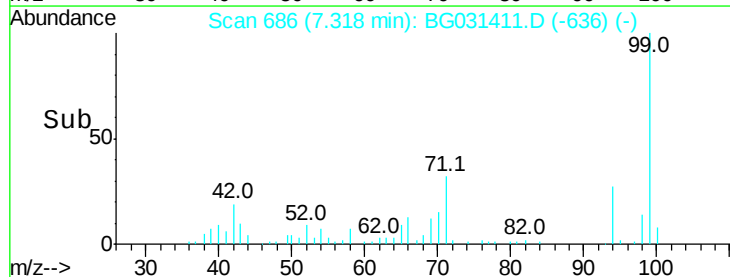
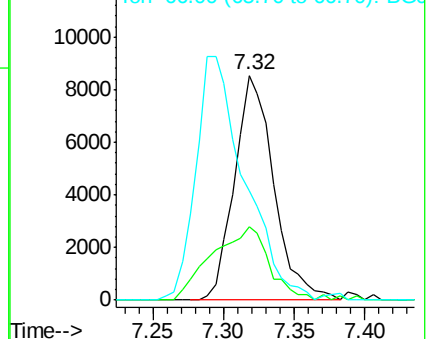
94 100

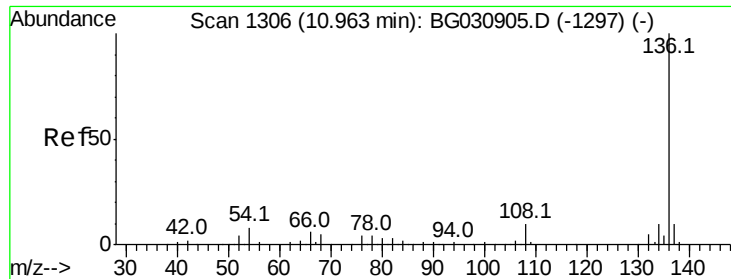
65 32.6 11.9 51.9

66 48.4 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

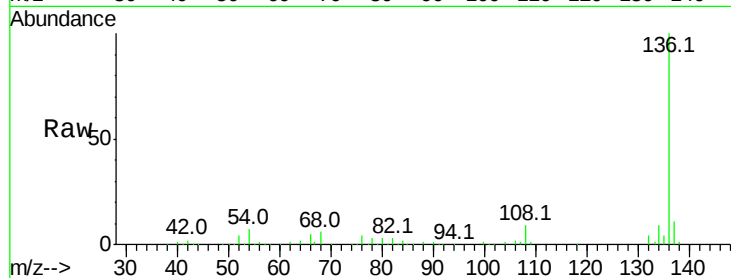




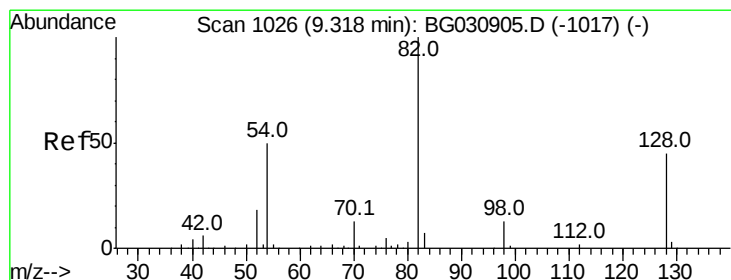
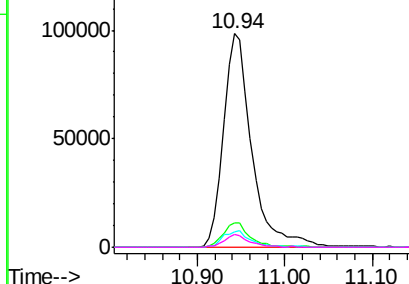
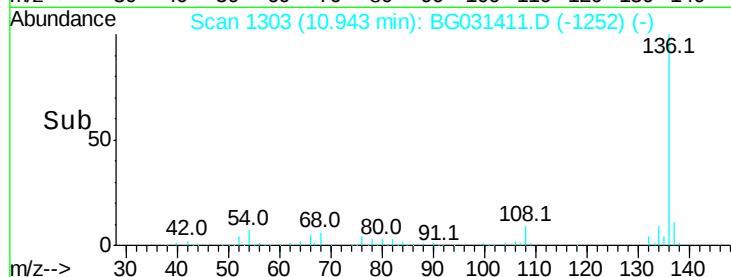
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031411.D
Acq: 7 Dec 2017 22:56

Instrument :
BNA_G
ClientSampleId :
SOIL-SB008B

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.3	10.3	15.5#
68	5.9	4.5	6.7

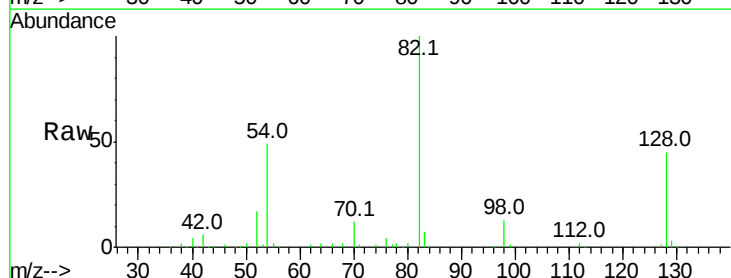


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

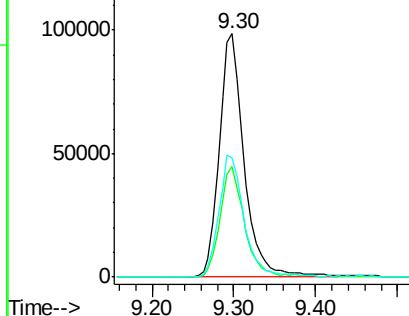
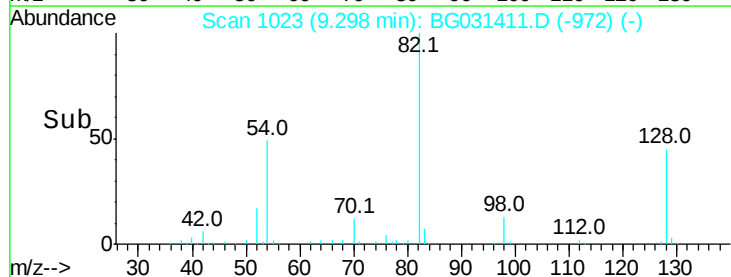


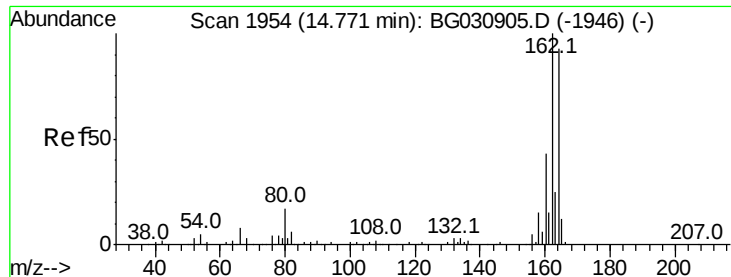
#23
Nitrobenzene-d5
Concen: 56.644 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG031411.D
Acq: 7 Dec 2017 22:56

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	49.2	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: BG031411.D

Acq: 7 Dec 2017 22:56

Instrument :

BNA_G

ClientSampleId :

SOIL-SB008B

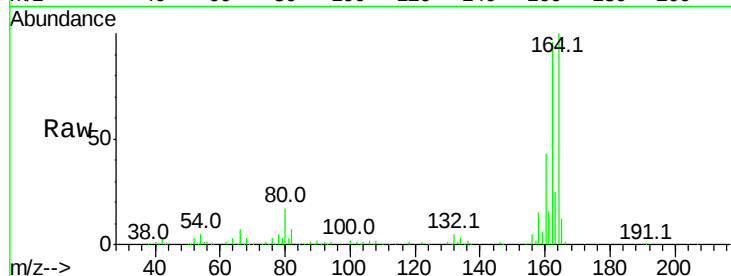
Tot Ion:164 Resp: 157367

Ion Ratio Lower Upper

164 100

162 95.5 78.8 118.2

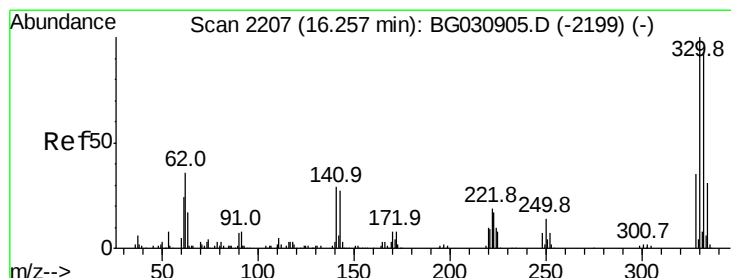
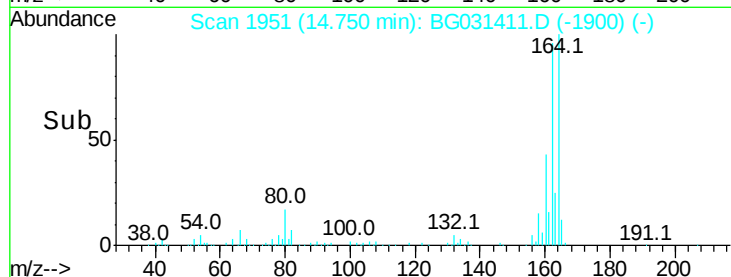
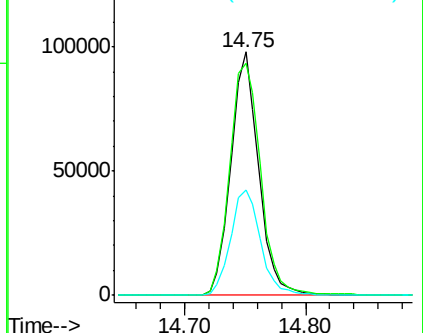
160 43.4 35.4 53.0



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: 71.688 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031411.D

Acq: 7 Dec 2017 22:56

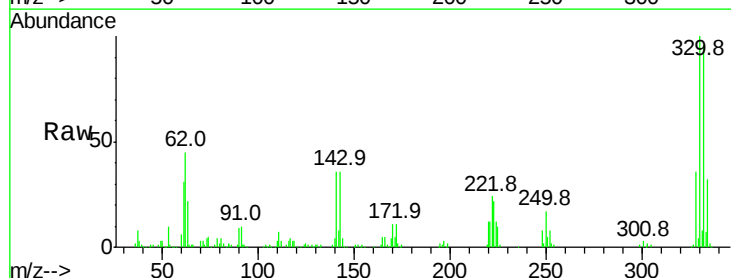
Tgt Ion:330 Resp: 182495

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

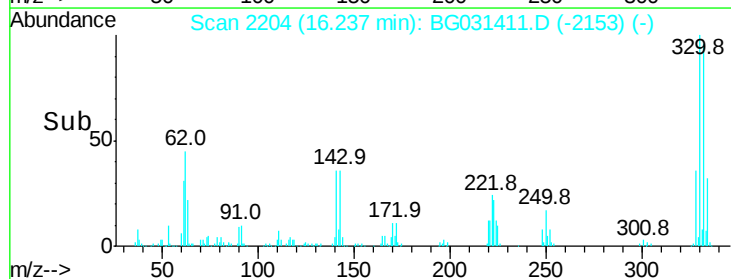
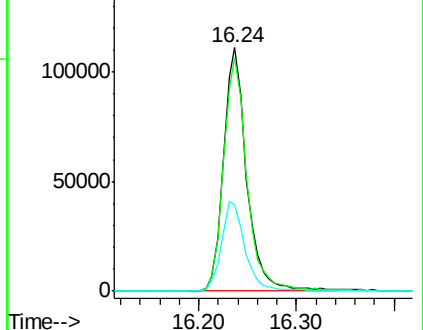
141 37.9 25.2 37.8#

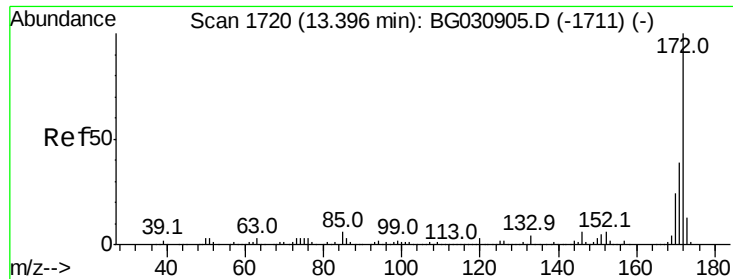


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

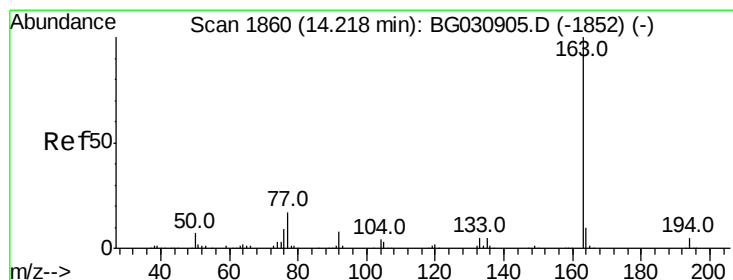
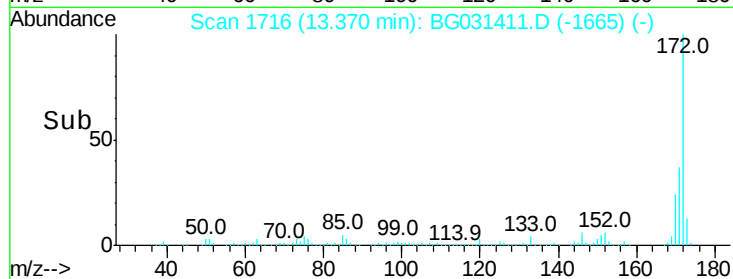
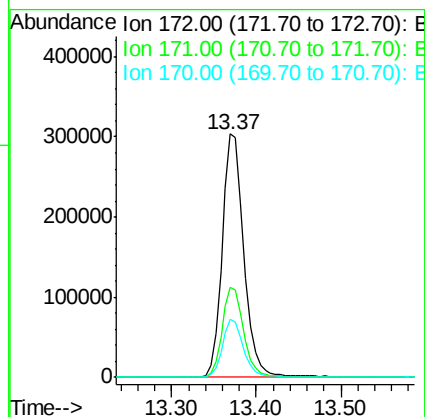
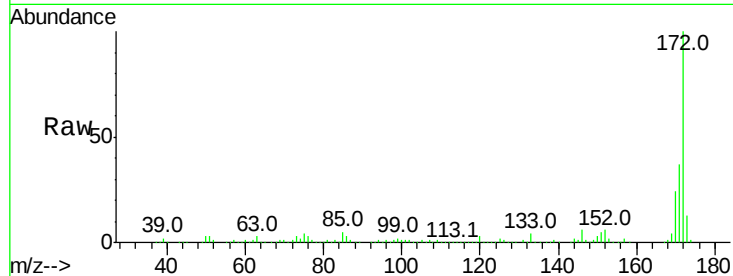




#44
2-Fluorobiphenyl
Concen: 49.516 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031411.D
Acq: 7 Dec 2017 22:56

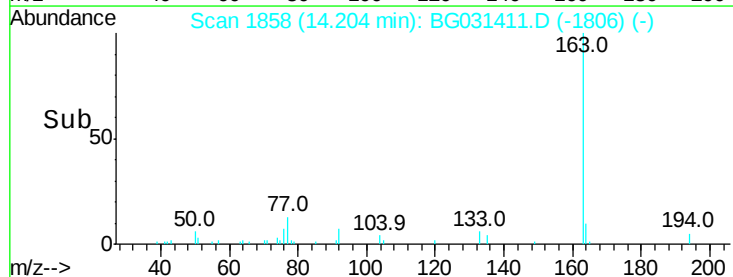
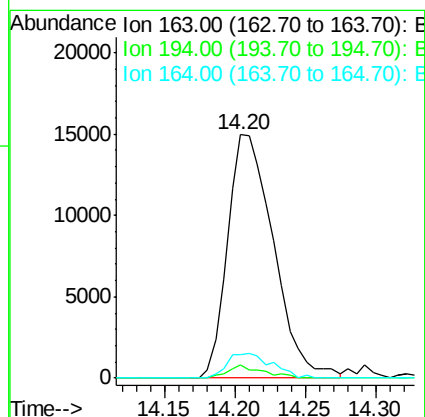
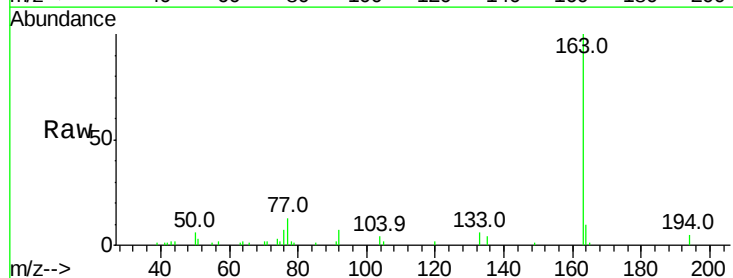
Instrument :
BNA_G
ClientSampleId :
SOIL-SB008B

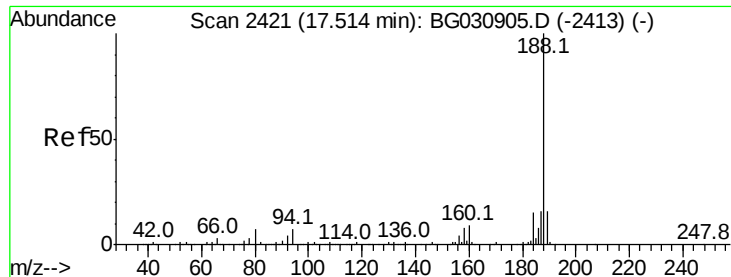
Tot Ion:172 Resp: 542291
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 23.9 19.5 29.3



#49
Dimethylphthalate
Concen: 2.490 ng
RT: 14.20 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BG031411.D
Acq: 7 Dec 2017 22:56

Tgt Ion:163 Resp: 33884
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2#
164 9.8 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: BG031411.D

Acq: 7 Dec 2017 22:56

Instrument :

BNA_G

ClientSampleId :

SOIL-SB008B

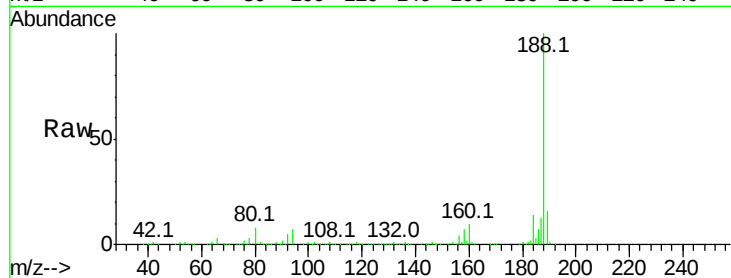
Tot Ion:188 Resp: 463335

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

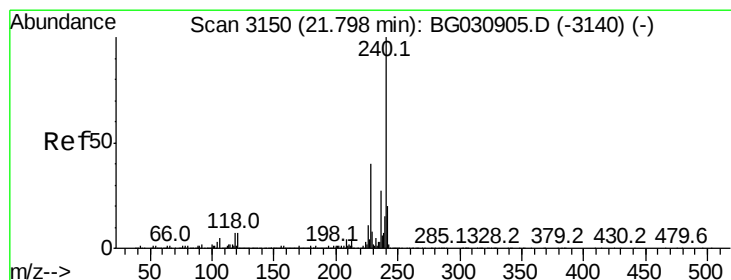
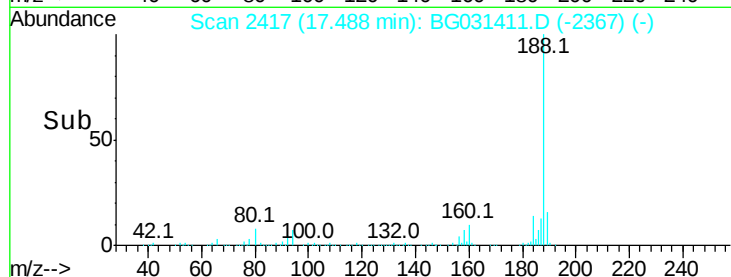
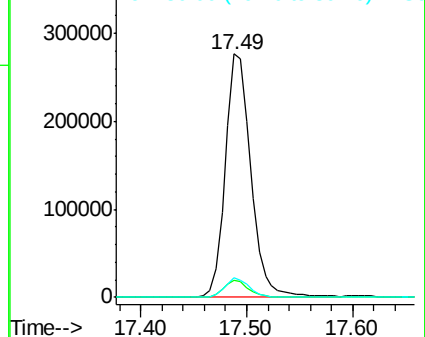
80 8.1 7.7 11.5



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: BG031411.D

Acq: 7 Dec 2017 22:56

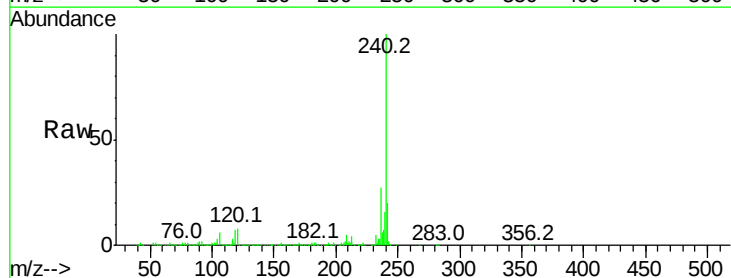
Tgt Ion:240 Resp: 521999

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

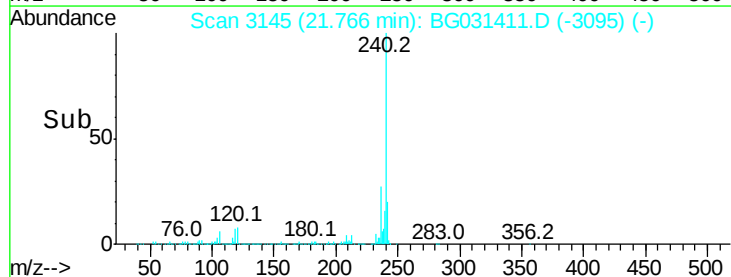
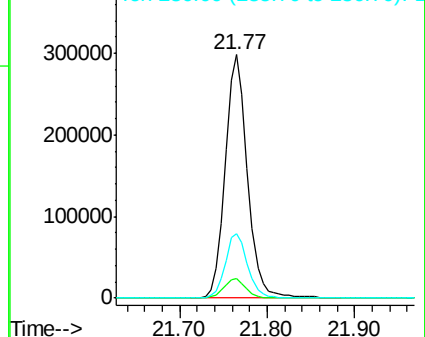
236 26.7 20.9 31.3

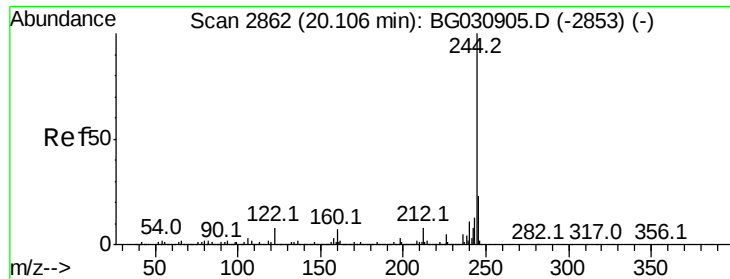


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 46.718 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031411.D

Acq: 7 Dec 2017 22:56

Instrument :

BNA_G

ClientSampleId :

SOIL-SB008B

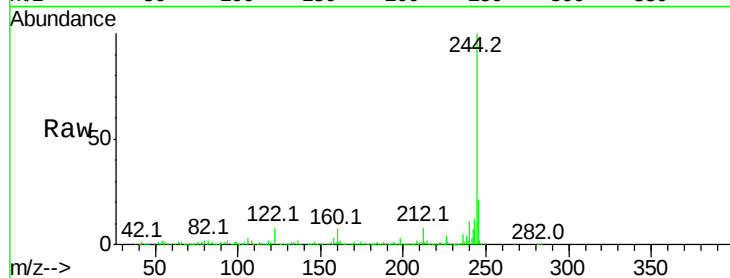
Tot Ion:244 Resp: 1104436

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

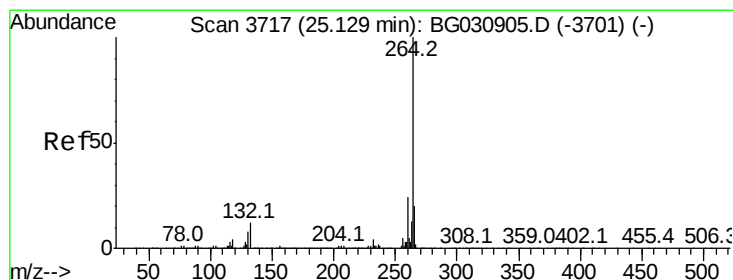
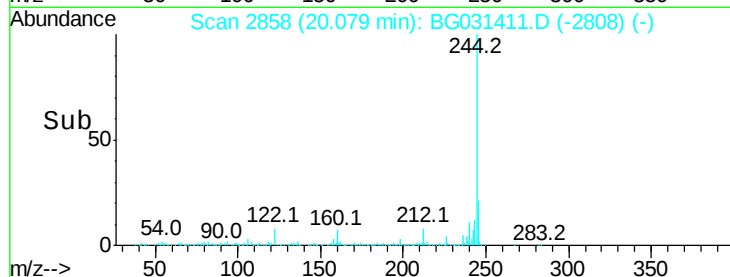
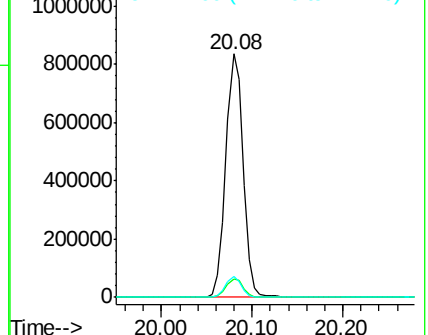
122 8.4 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG031411.D

Acq: 7 Dec 2017 22:56

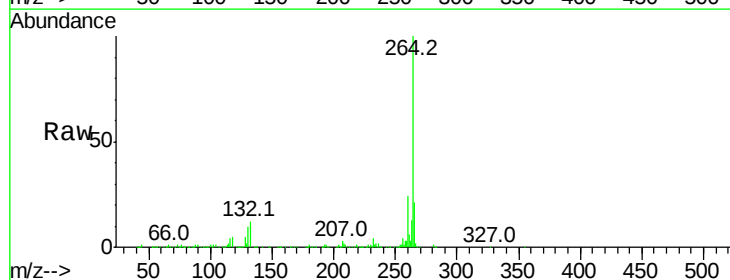
Tgt Ion:264 Resp: 505191

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 20.7 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

