

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
 Data File : BG031401.D
 Acq On : 7 Dec 2017 16:40
 Operator : SJ/JU
 Sample : I6765-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB001B

Quant Time: Dec 07 19:53:26 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

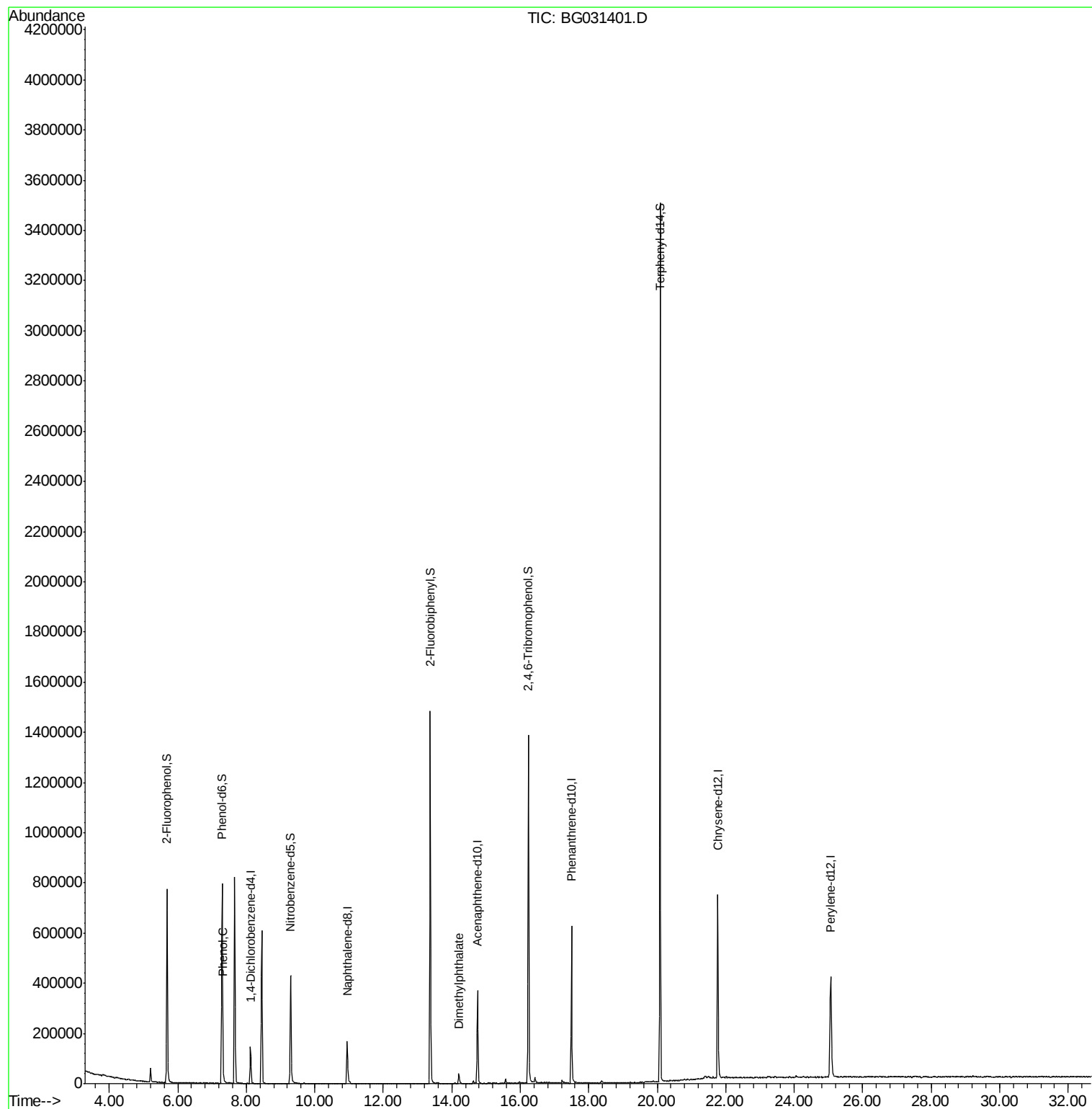
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	44331	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	194306	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	139664	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	427504	20.00	ng	0.00
75) Chrysene-d12	21.77	240	506271	20.00	ng	0.00
86) Perylene-d12	25.06	264	482263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	386105	149.35	ng	0.00
7) Phenol-d6	7.29	99	508382	145.96	ng	0.00
23) Nitrobenzene-d5	9.29	82	303713	92.62	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	287535	127.27	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	880523	90.59	ng	0.00
78) Terphenyl-d14	20.09	244	1724175	75.20	ng	0.00
Target Compounds						
10) Phenol	7.32	94	22337	6.176	ng	85
49) Dimethylphthalate	14.20	163	41901	3.470	ng	100

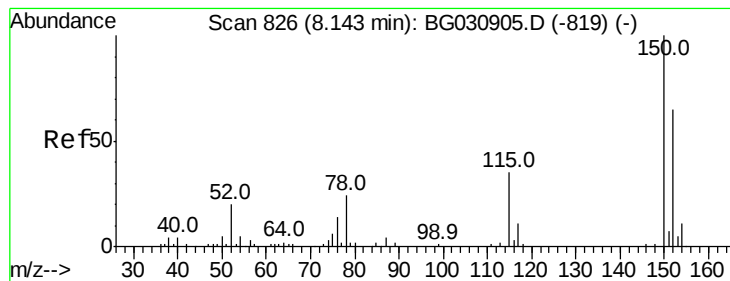
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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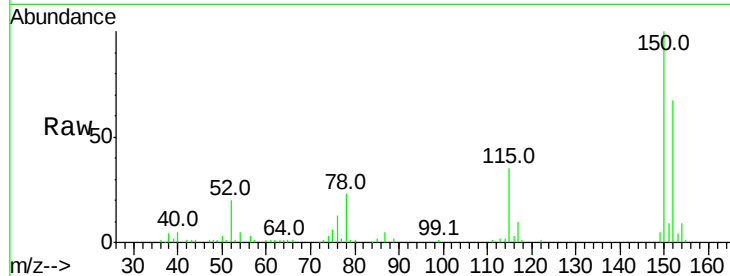


#1

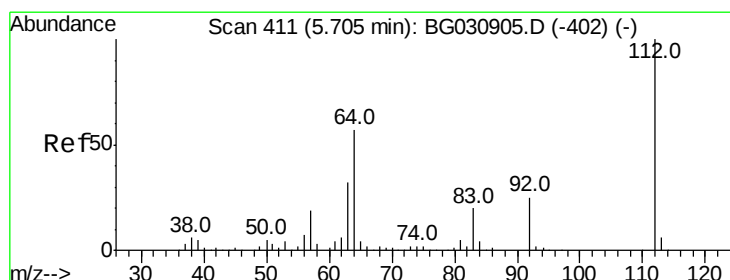
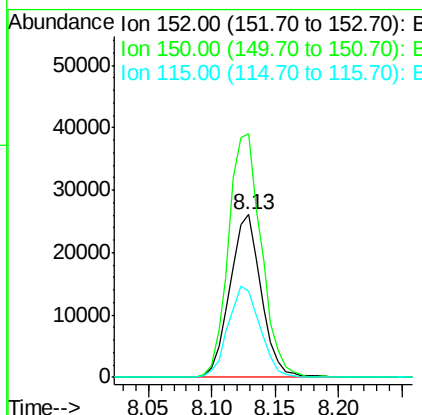
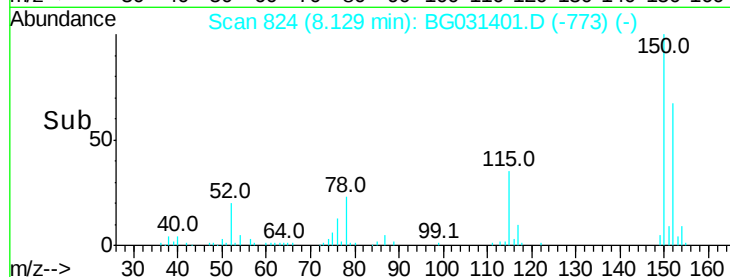
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BG031401.D
 Acq: 7 Dec 2017 16:40

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB001B

Tot Ion:152 Resp: 44331
 Ion Ratio Lower Upper
 152 100
 150 149.7 126.6 189.8
 115 53.0 53.0 79.4



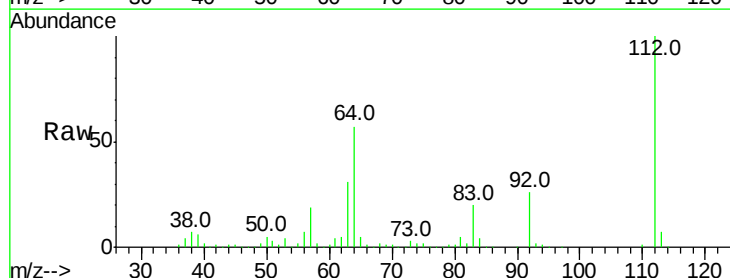
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



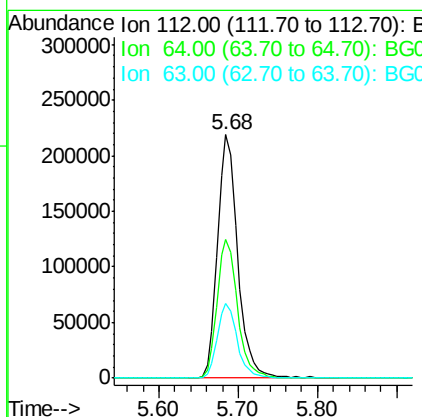
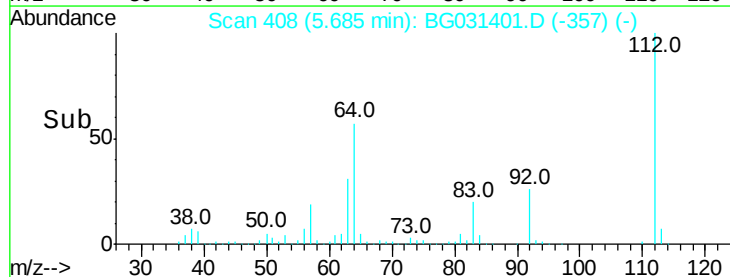
#5

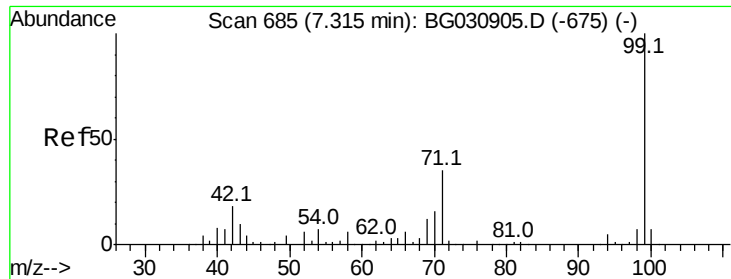
2-Fluorophenol
 Concen: 149.349 ng
 RT: 5.68 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BG031401.D
 Acq: 7 Dec 2017 16:40

Tgt Ion:112 Resp: 386105
 Ion Ratio Lower Upper
 112 100
 64 57.0 56.3 84.5
 63 30.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 145.965 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031401.D

Acq: 7 Dec 2017 16:40

Instrument :

BNA_G

ClientSampleId :

SOIL-SB001B

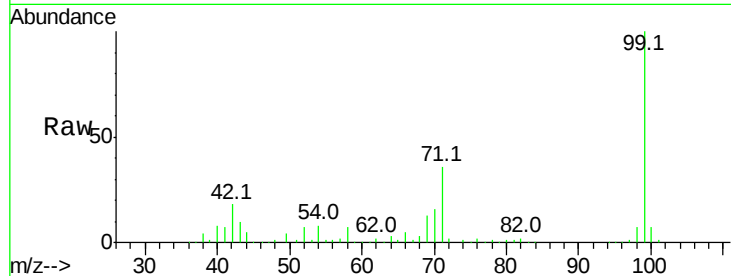
Tot Ion: 99 Resp: 508382

Ion Ratio Lower Upper

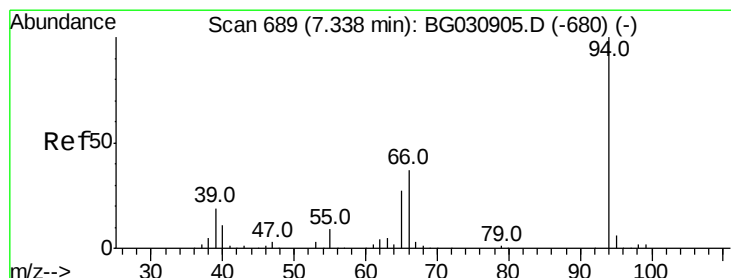
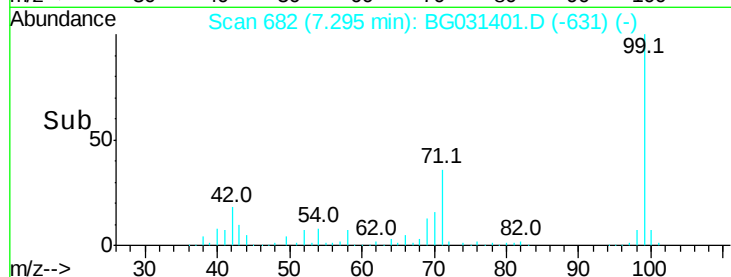
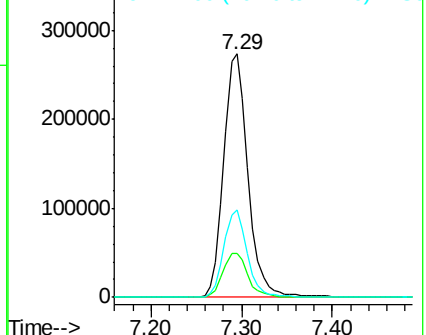
99 100

42 18.3 14.1 21.1

71 36.2 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: 6.176 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG031401.D

Acq: 7 Dec 2017 16:40

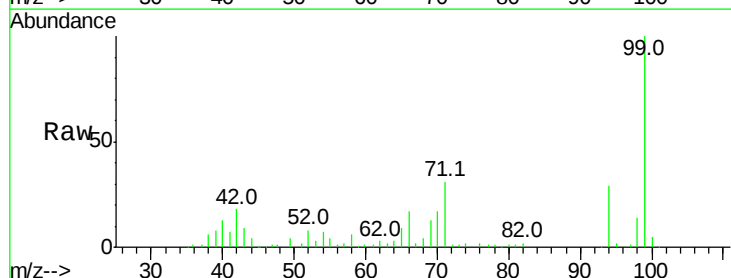
Tgt Ion: 94 Resp: 22337

Ion Ratio Lower Upper

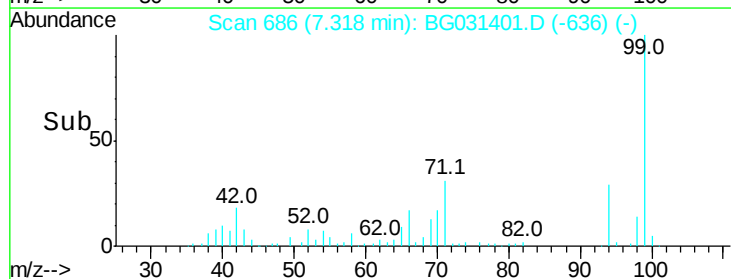
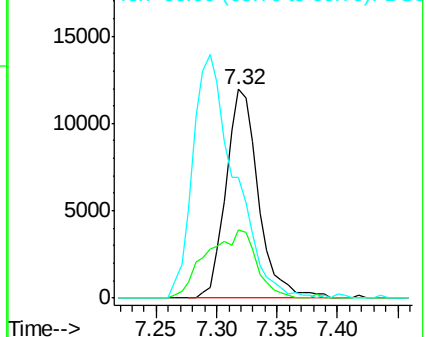
94 100

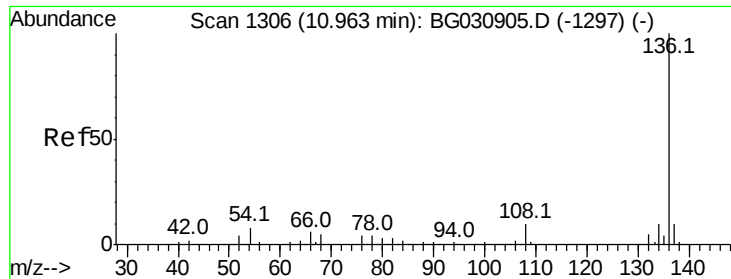
65 32.4 11.9 51.9

66 58.0 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

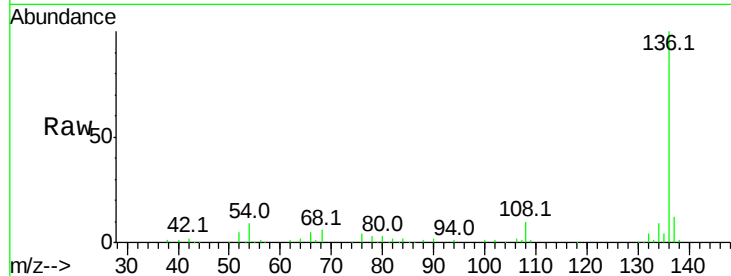




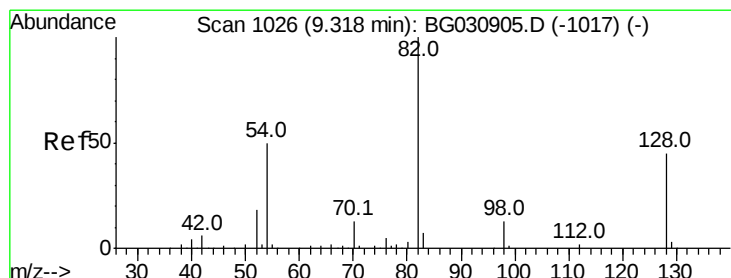
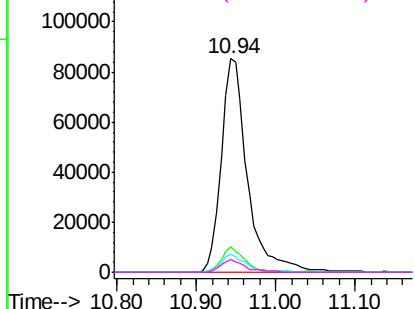
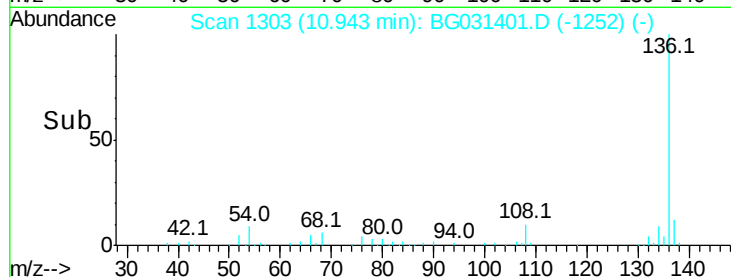
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031401.D
Acq: 7 Dec 2017 16:40

Instrument :
BNA_G
ClientSampleId :
SOIL-SB001B

Tot Ion:136	Resp:	194306
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.2 13.8
54	8.6	10.3 15.5
68	5.8	4.5 6.7

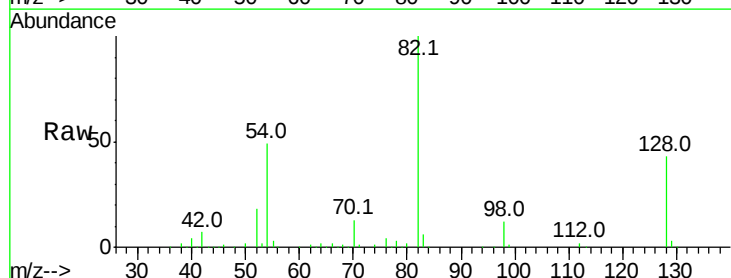


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

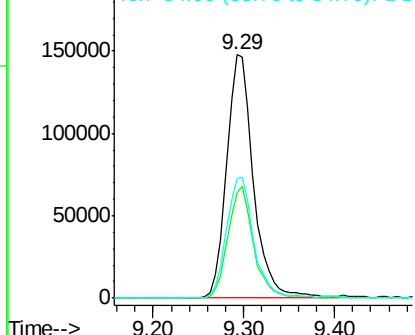
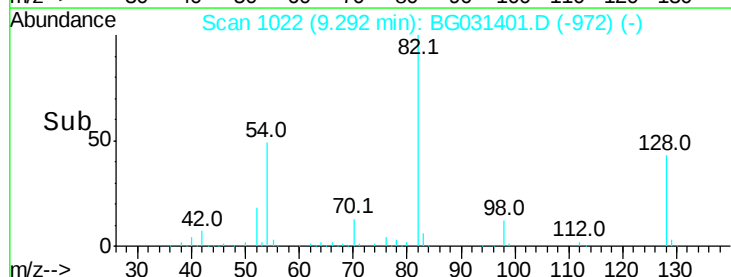


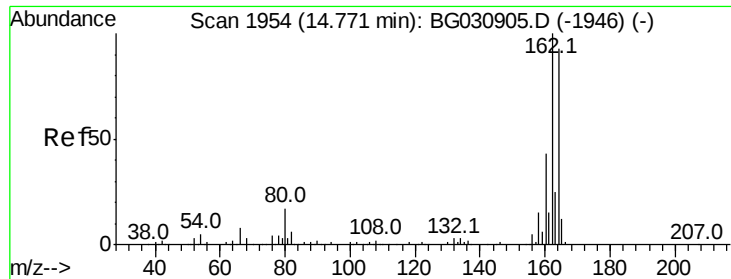
#23
Nitrobenzene-d5
Concen: 92.621 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031401.D
Acq: 7 Dec 2017 16:40

Tgt Ion: 82	Resp:	303713
Ion Ratio	Lower	Upper
82	100	
128	43.3	29.7 44.5
54	49.2	43.1 64.7



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

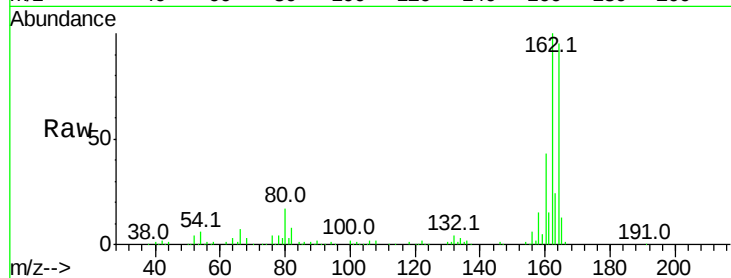




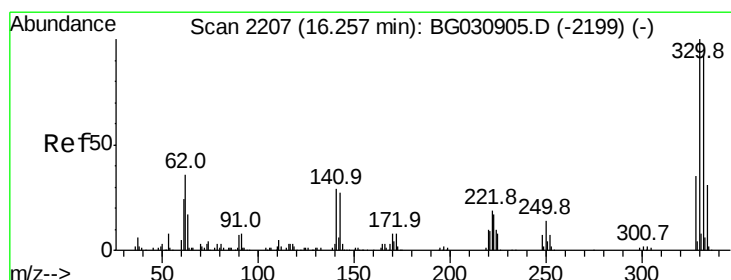
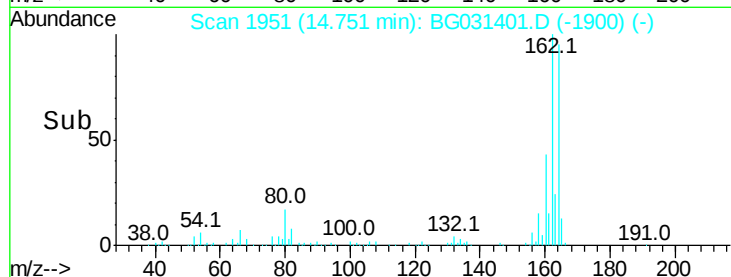
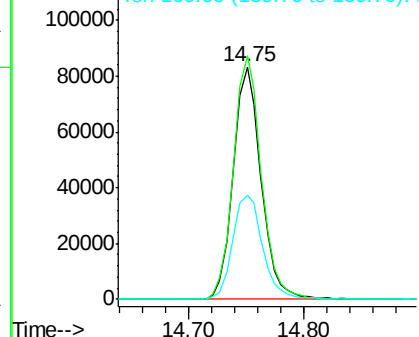
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG031401.D
 Acq: 7 Dec 2017 16:40

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB001B

Tot Ion:164 Resp: 139664
 Ion Ratio Lower Upper
 164 100
 162 104.9 78.8 118.2
 160 44.9 35.4 53.0

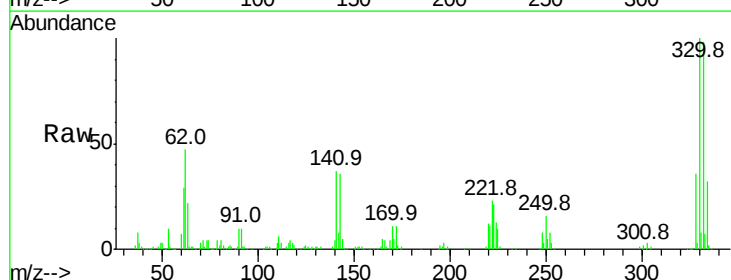


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

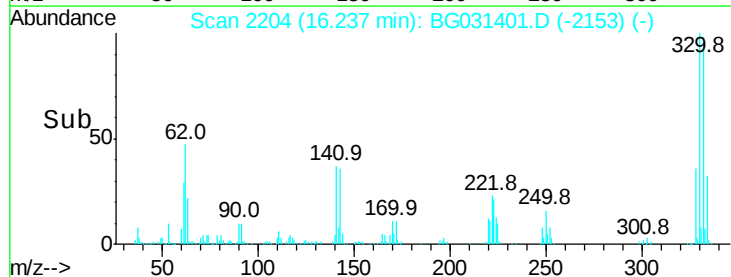
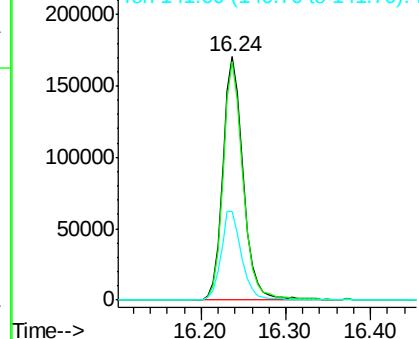


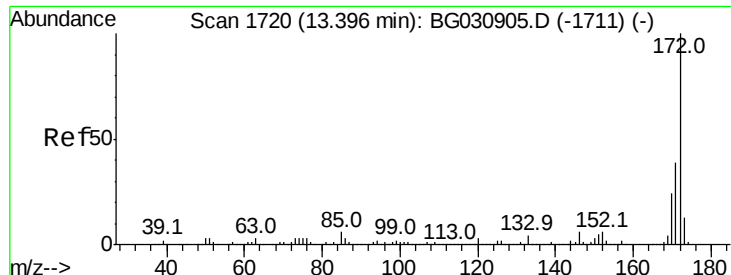
#41
 2,4,6-Tribromophenol
 Concen: 127.267 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031401.D
 Acq: 7 Dec 2017 16:40

Tgt Ion:330 Resp: 287535
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 37.5 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



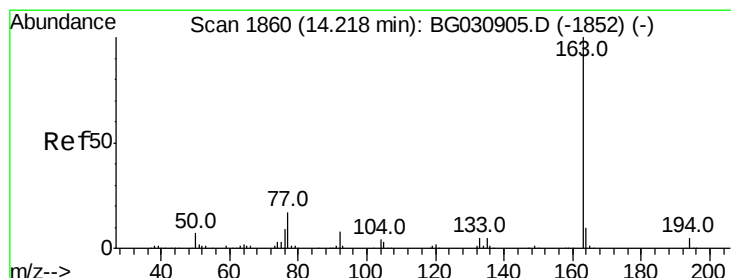
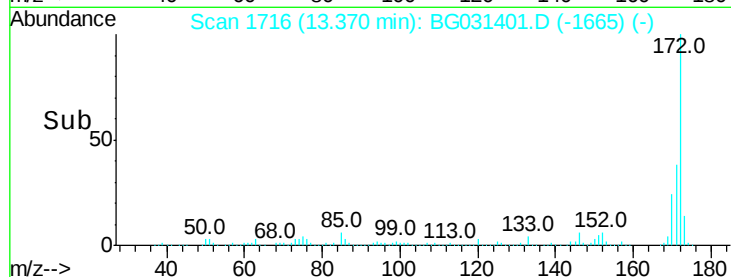
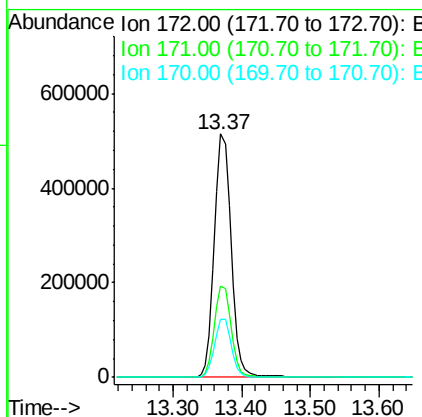
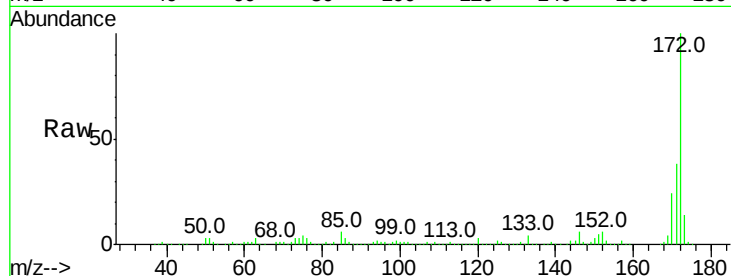


#44
 2-Fluorobiphenyl
 Concen: 90.590 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031401.D
 Acq: 7 Dec 2017 16:40

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB001B

Tot Ion:172 Resp: 880523

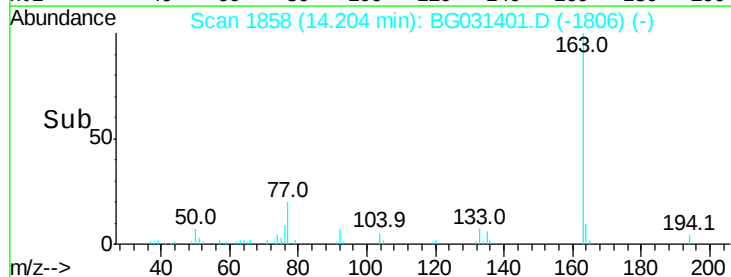
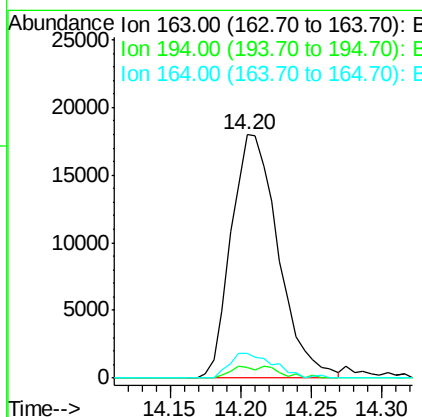
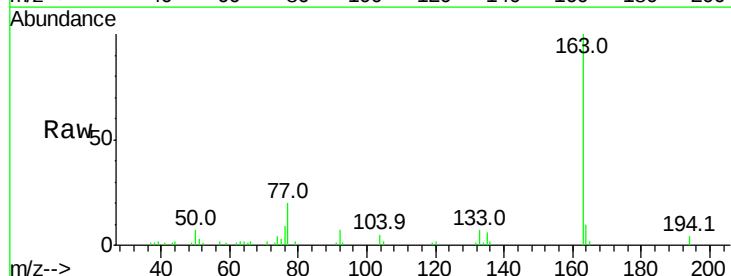
Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.0	19.5	29.3

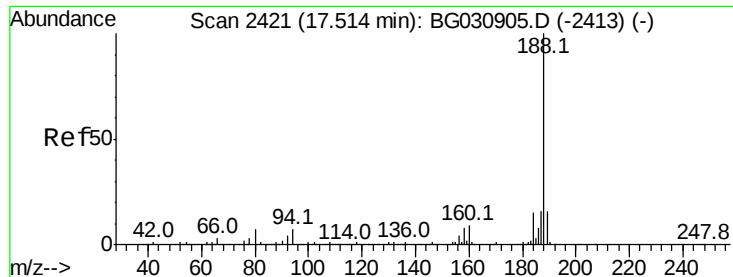


#49
 Dimethylphthalate
 Concen: 3.470 ng
 RT: 14.20 min Scan# 1858
 Delta R.T. 0.01 min
 Lab File: BG031401.D
 Acq: 7 Dec 2017 16:40

Tgt Ion:163 Resp: 41901

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.2	12.4

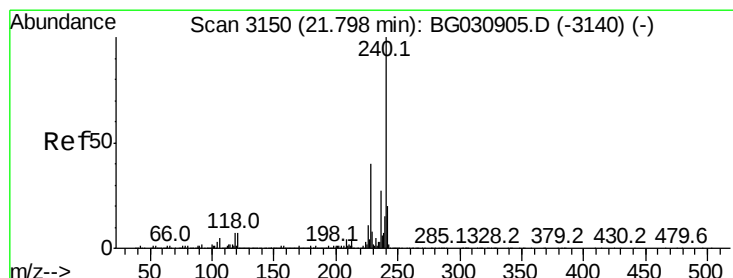
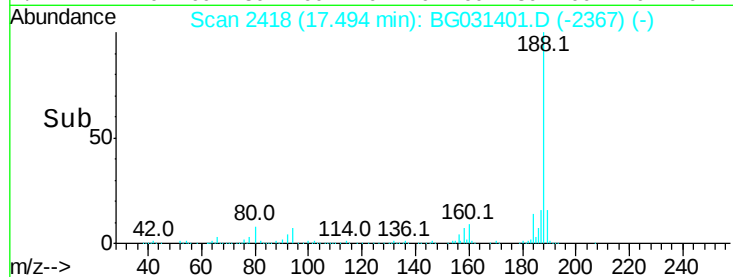
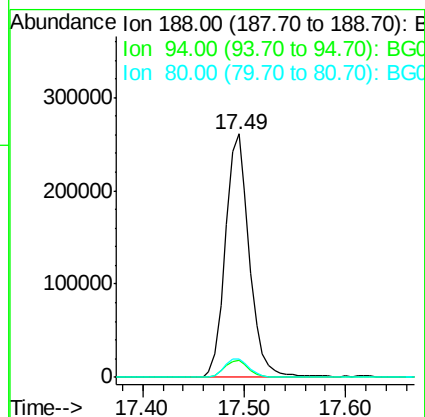
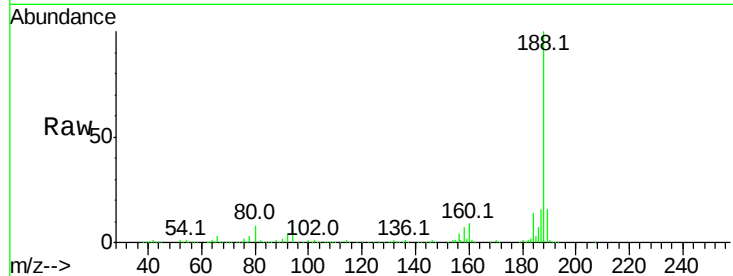




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG031401.D
Acq: 7 Dec 2017 16:40

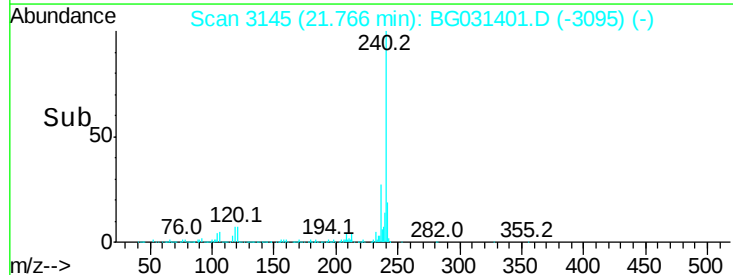
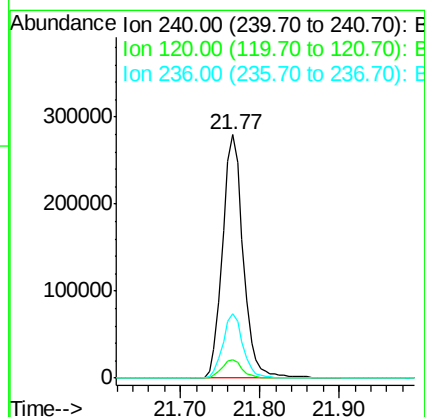
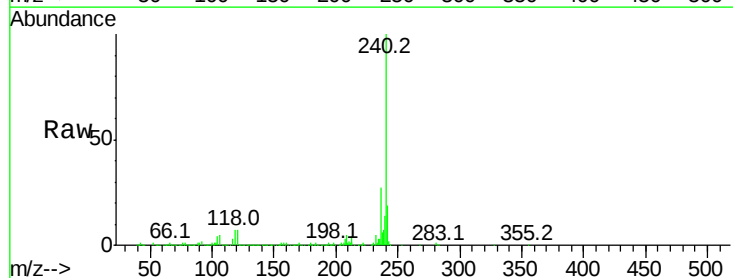
Instrument :
BNA_G
ClientSampleId :
SOIL-SB001B

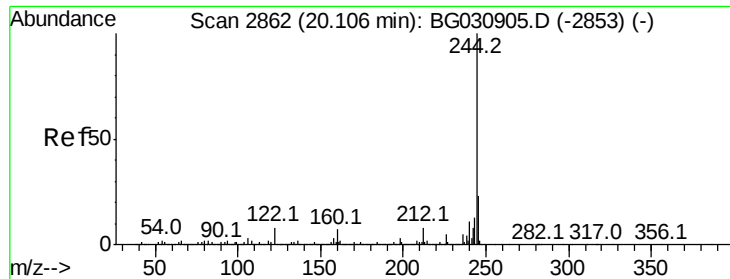
Tot Ion:188 Resp: 427504
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031401.D
Acq: 7 Dec 2017 16:40

Tgt Ion:240 Resp: 506271
Ion Ratio Lower Upper
240 100
120 7.3 6.8 10.2
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 75.199 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG031401.D

Acq: 7 Dec 2017 16:40

Instrument :

BNA_G

ClientSampleId :

SOIL-SB001B

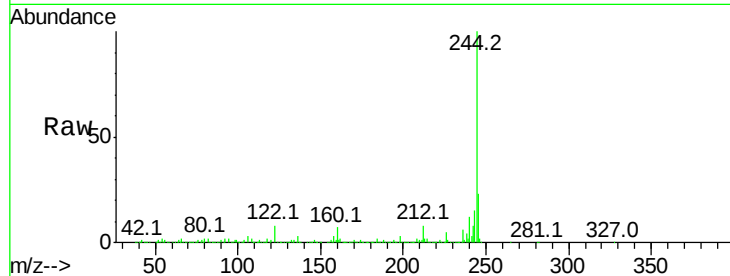
Tot Ion:244 Resp: 1724175

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

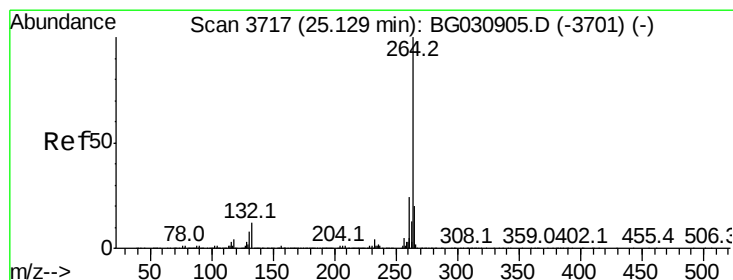
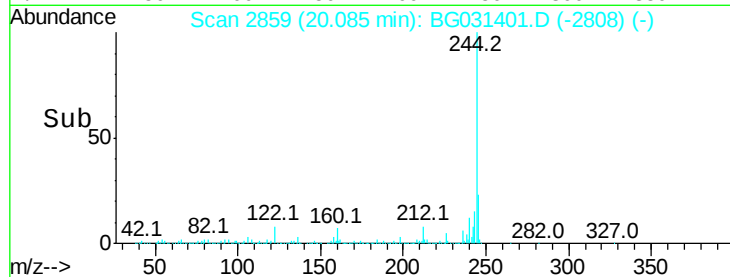
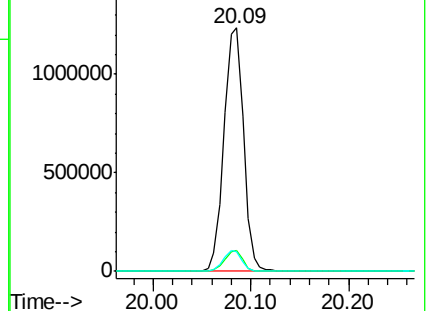
122 8.3 7.0 10.4



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: BG031401.D

Acq: 7 Dec 2017 16:40

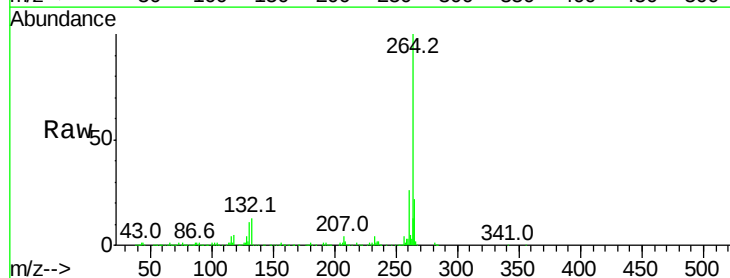
Tgt Ion:264 Resp: 482263

Ion Ratio Lower Upper

264 100

260 26.1 17.4 26.0#

265 22.0 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

