

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
 Data File : BG031405.D
 Acq On : 7 Dec 2017 19:10
 Operator : SJ/JU
 Sample : I6765-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB005B

Quant Time: Dec 07 20:09:38 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

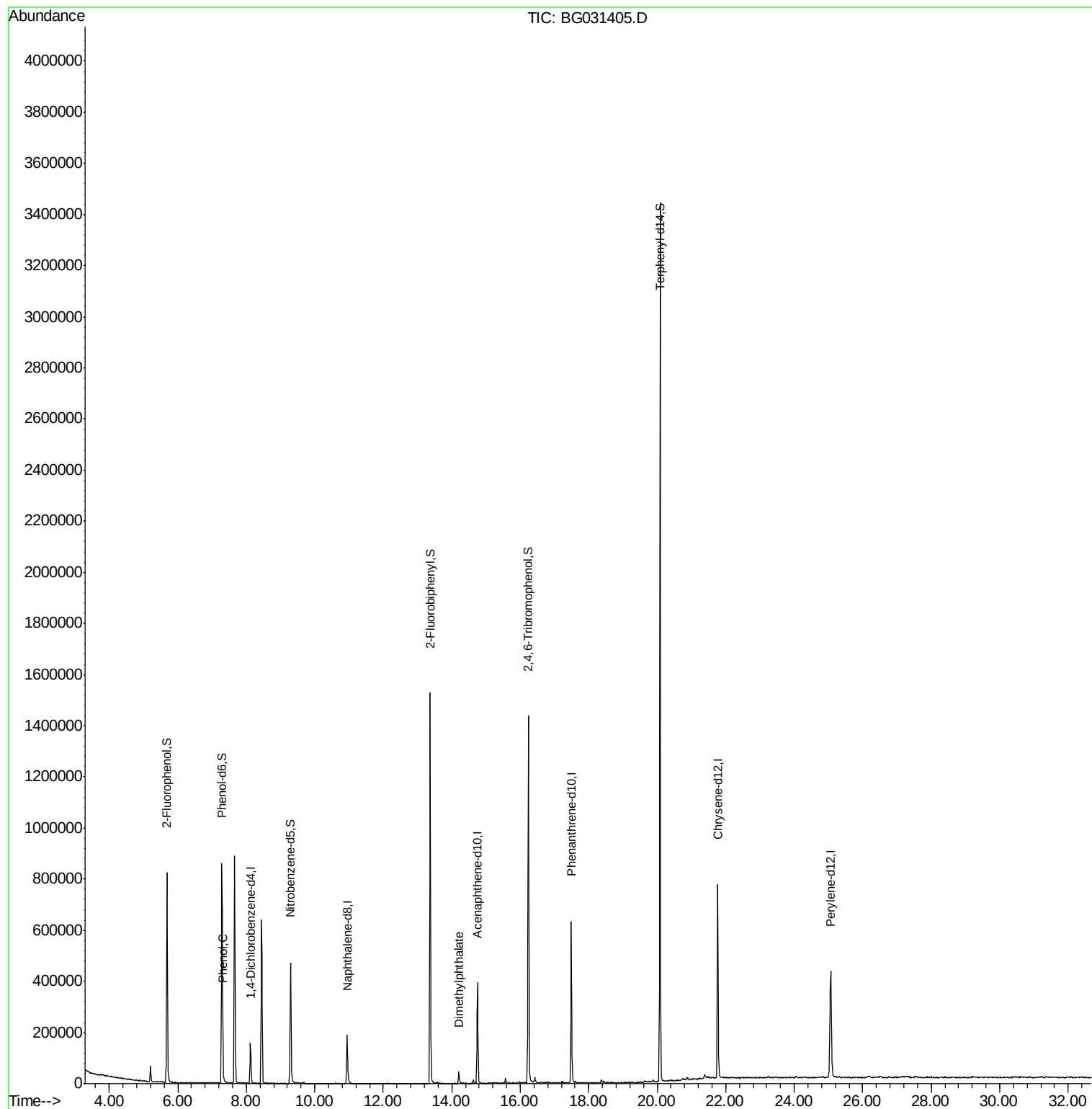
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	47194	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	211345	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	153416	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	445582	20.00	ng	0.00
75) Chrysene-d12	21.77	240	508800	20.00	ng	0.00
86) Perylene-d12	25.07	264	492870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	410887	149.29	ng	0.00
7) Phenol-d6	7.29	99	555037	149.69	ng	0.00
23) Nitrobenzene-d5	9.29	82	326288	91.48	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	294099	118.50	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	895348	83.86	ng	0.00
78) Terphenyl-d14	20.08	244	1610683	69.90	ng	0.00
Target Compounds						
10) Phenol	7.32	94	19292	5.010	ng	92
49) Dimethylphthalate	14.21	163	45528	3.432	ng	97

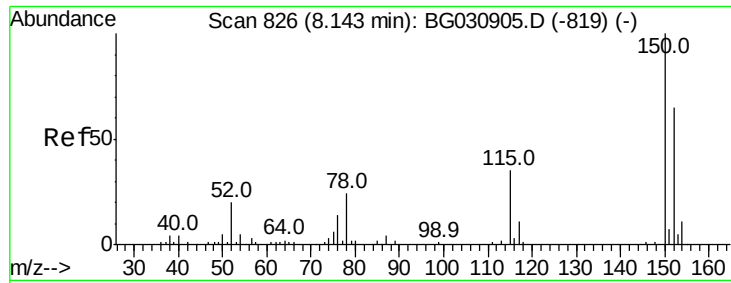
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
Data File : BG031405.D
Acq On : 7 Dec 2017 19:10
Operator : SJ/JU
Sample : I6765-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-SB005B

Quant Time: Dec 07 20:09:38 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



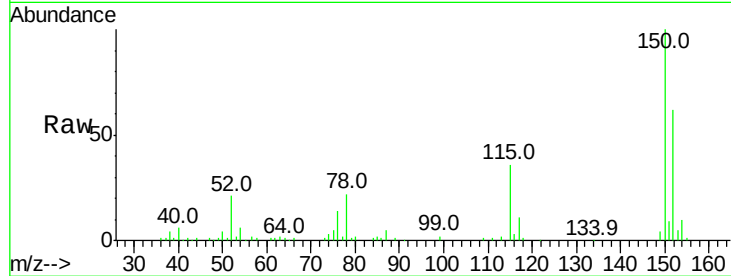


#1

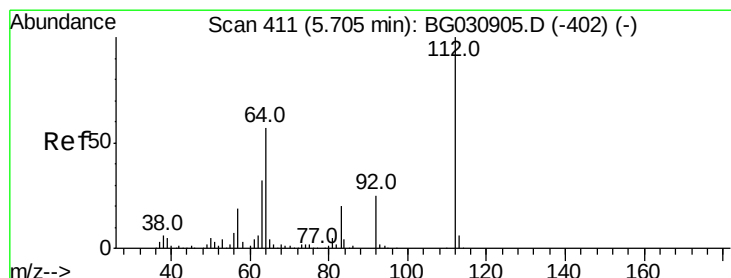
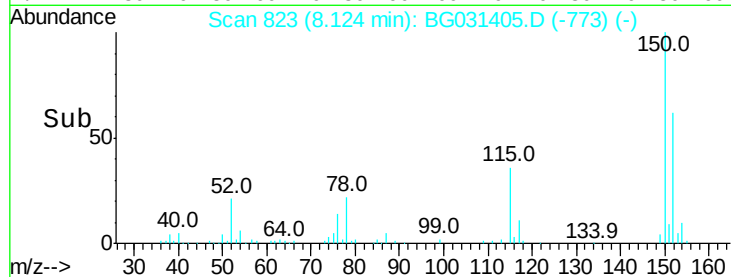
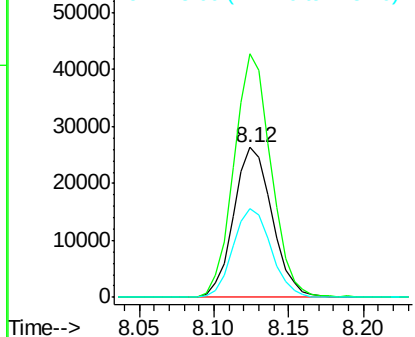
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031405.D
Acq: 7 Dec 2017 19:10

Instrument :
BNA_G
ClientSampleId :
SOIL-SB005B

Tot Ion:152 Resp: 47194
Ion Ratio Lower Upper
152 100
150 162.3 126.6 189.8
115 58.7 53.0 79.4



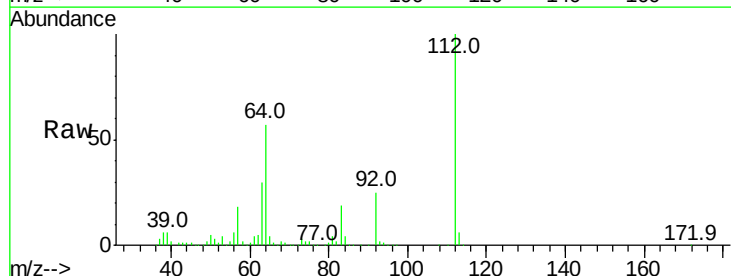
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



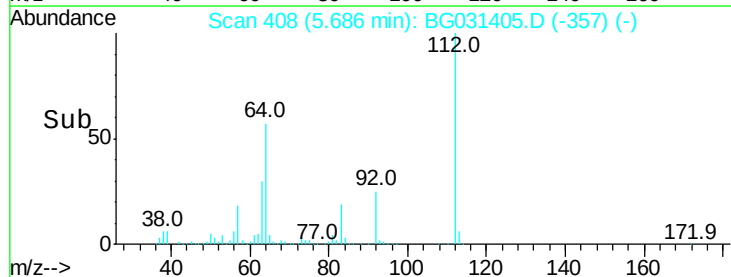
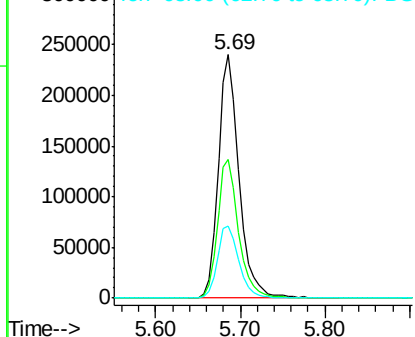
#5

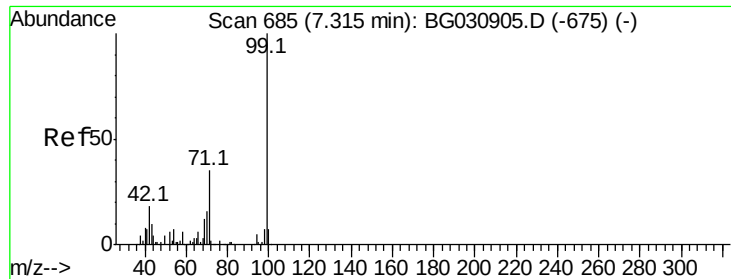
2-Fluorophenol
Concen: 149.293 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031405.D
Acq: 7 Dec 2017 19:10

Tgt Ion:112 Resp: 410887
Ion Ratio Lower Upper
112 100
64 56.9 56.3 84.5
63 29.7 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: 149.693 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031405.D

Acq: 7 Dec 2017 19:10

Instrument :

BNA_G

ClientSampleId :

SOIL-SB005B

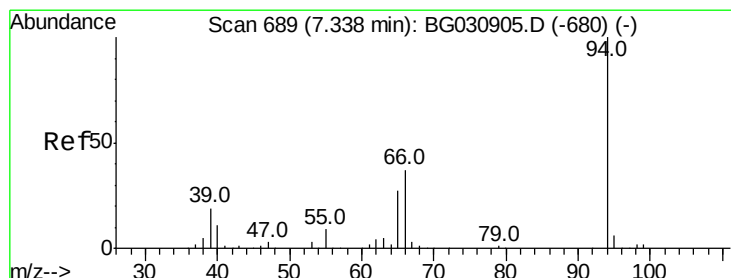
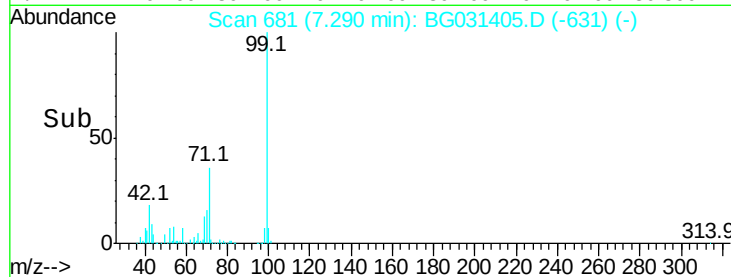
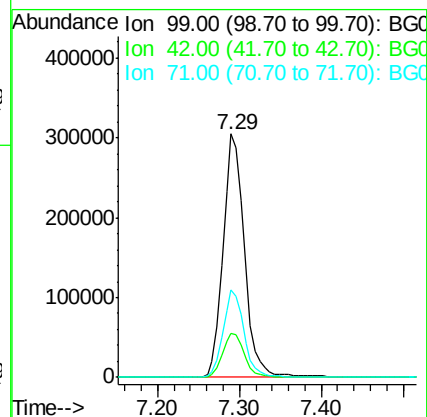
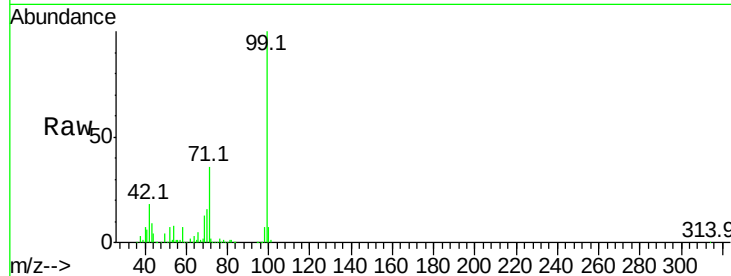
Tot Ion: 99 Resp: 555037

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

71 35.7 26.1 39.1



#10

Phenol

Concen: 5.010 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG031405.D

Acq: 7 Dec 2017 19:10

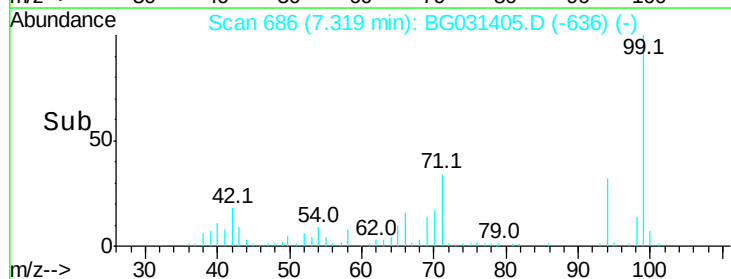
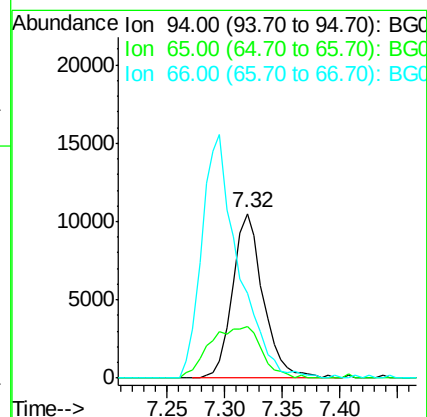
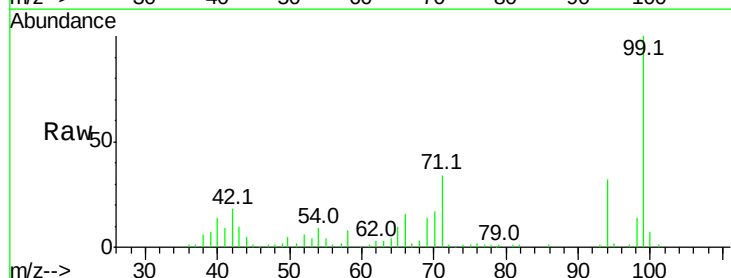
Tgt Ion: 94 Resp: 19292

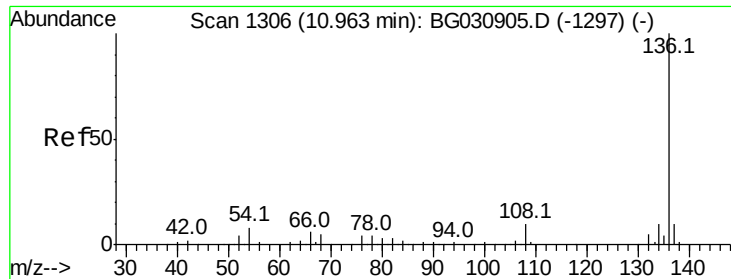
Ion Ratio Lower Upper

94 100

65 31.6 11.9 51.9

66 51.3 22.2 62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031405.D

Acq: 7 Dec 2017 19:10

Instrument :

BNA_G

ClientSampleId :

SOIL-SB005B

Tot Ion:136 Resp: 211345

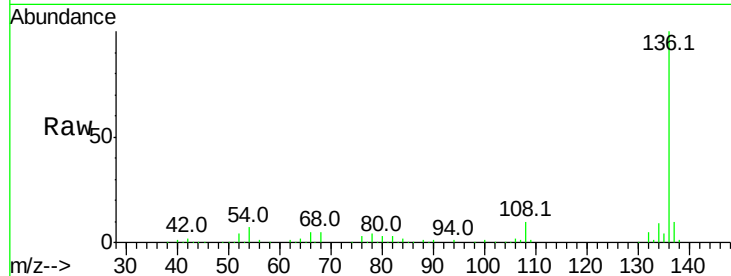
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 7.2 10.3 15.5#

68 5.3 4.5 6.7

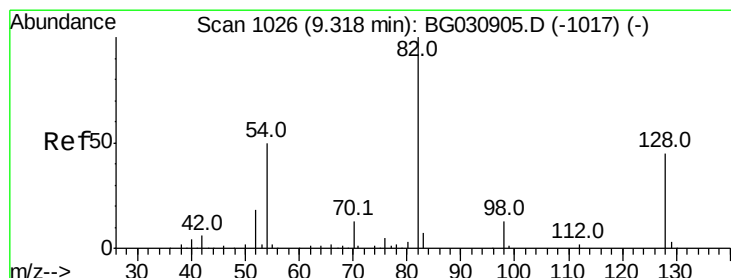
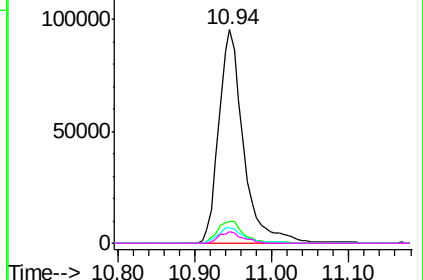
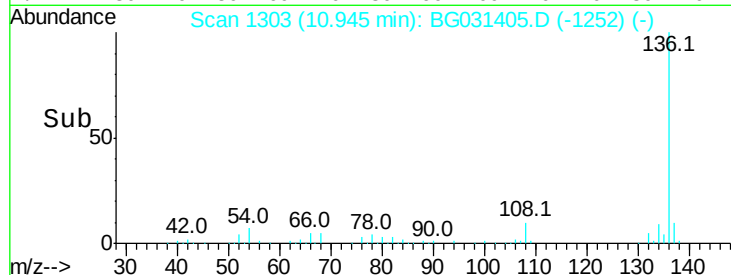


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.484 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG031405.D

Acq: 7 Dec 2017 19:10

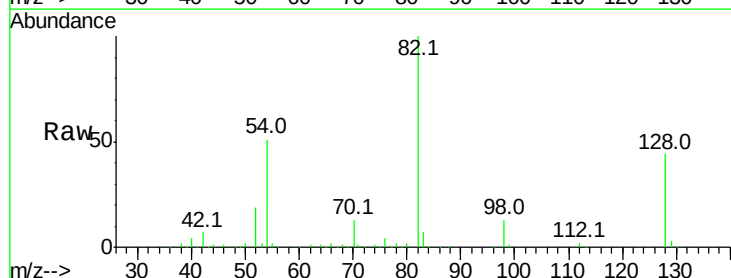
Tgt Ion: 82 Resp: 326288

Ion Ratio Lower Upper

82 100

128 44.3 29.7 44.5

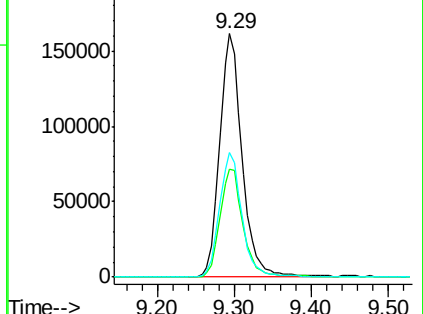
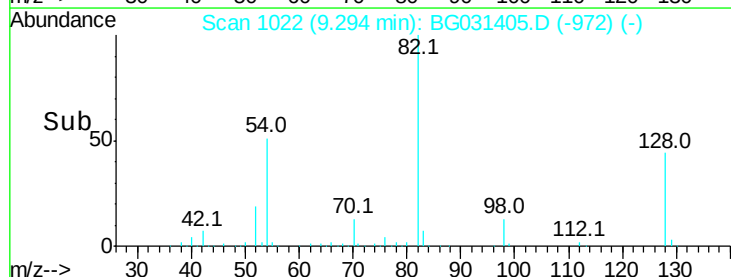
54 51.0 43.1 64.7

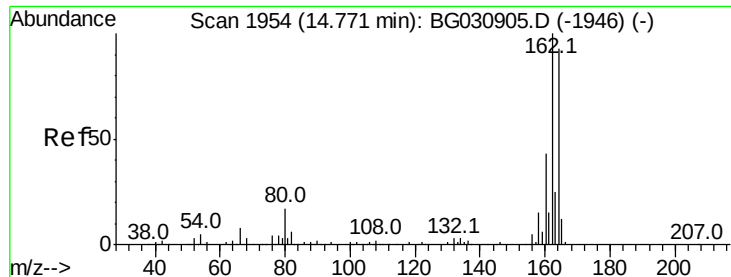


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG031405.D

Acq: 7 Dec 2017 19:10

Instrument :

BNA_G

ClientSampleId :

SOIL-SB005B

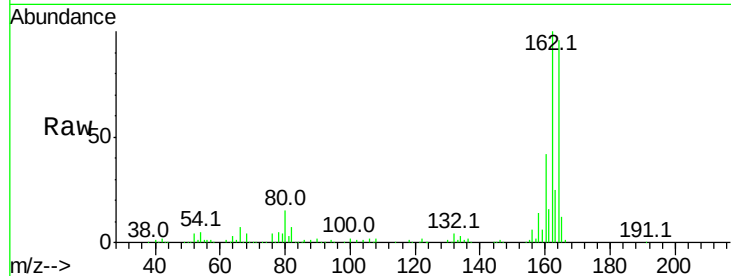
Tot Ion:164 Resp: 153416

Ion Ratio Lower Upper

164 100

162 104.2 78.8 118.2

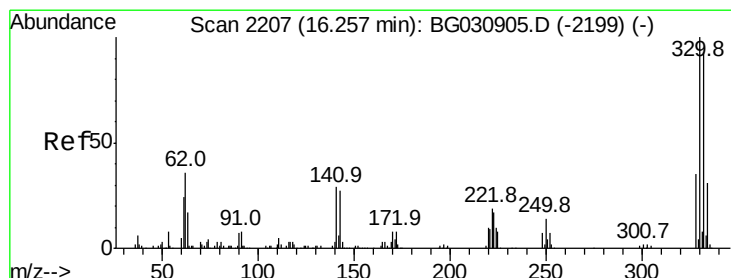
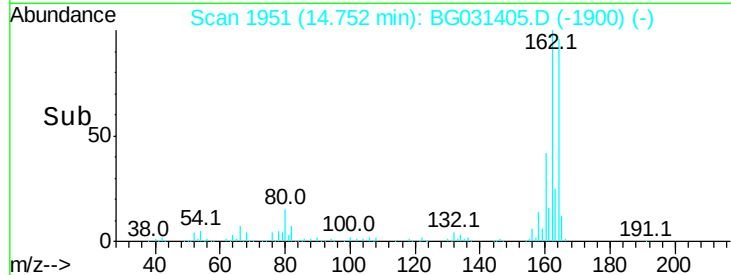
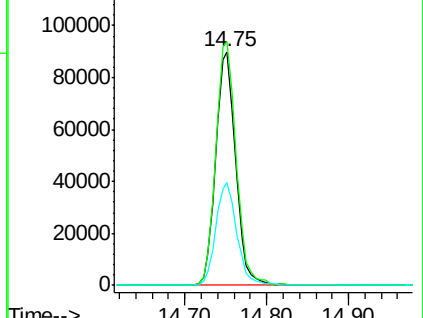
160 44.1 35.4 53.0



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: 118.504 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031405.D

Acq: 7 Dec 2017 19:10

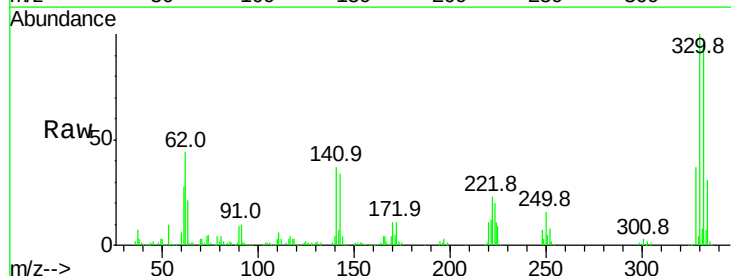
Tgt Ion:330 Resp: 294099

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

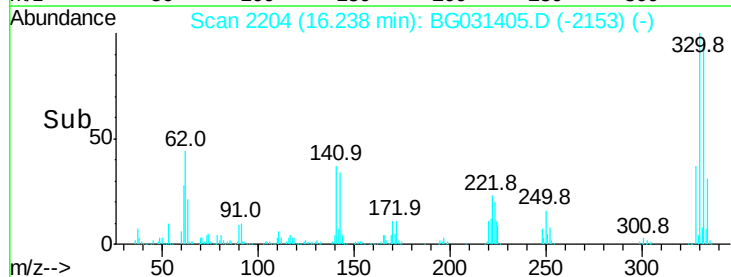
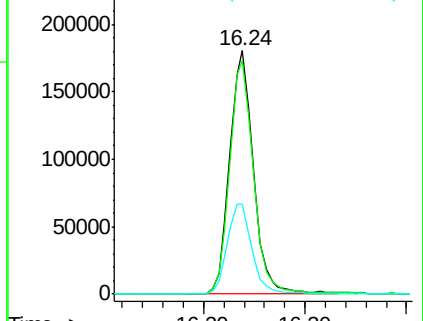
141 38.0 25.2 37.8#

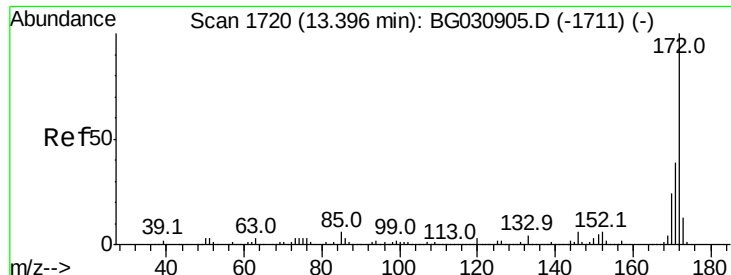


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

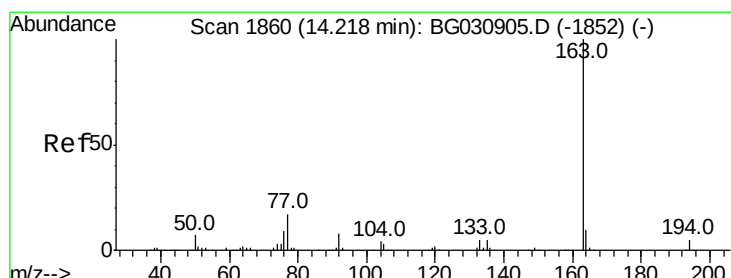
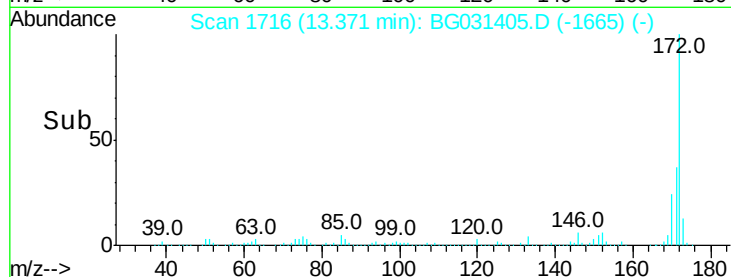
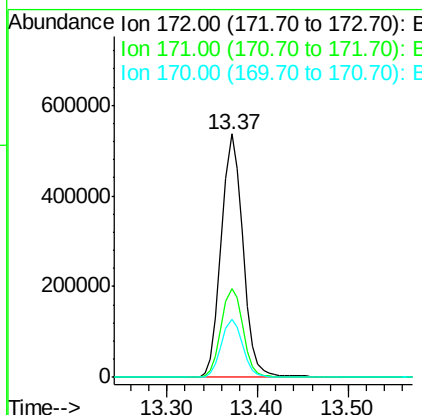
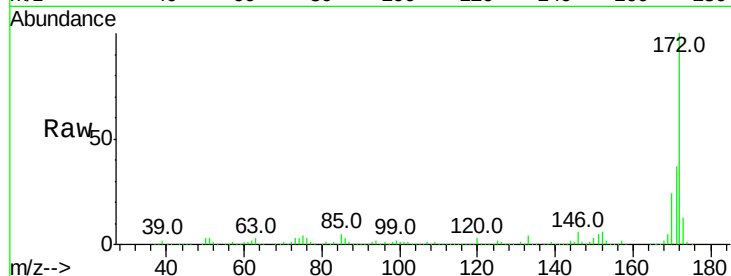




#44
2-Fluorobiphenyl
Concen: 83.858 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031405.D
Acq: 7 Dec 2017 19:10

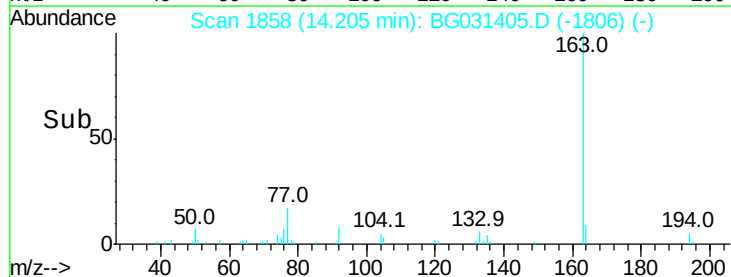
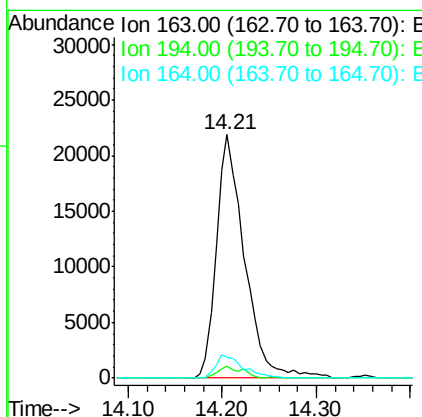
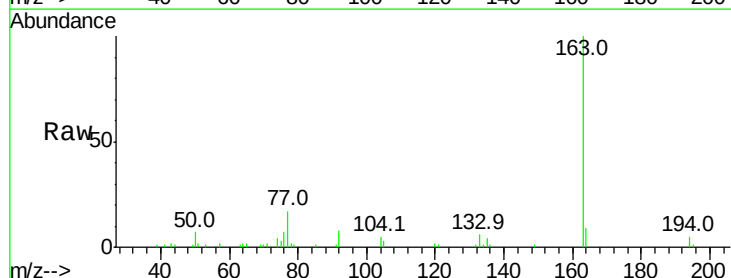
Instrument :
BNA_G
ClientSampleId :
SOIL-SB005B

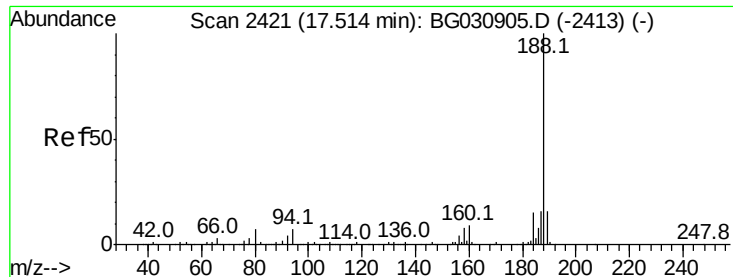
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	23.8	19.5	29.3



#49
Dimethylphthalate
Concen: 3.432 ng
RT: 14.21 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BG031405.D
Acq: 7 Dec 2017 19:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	8.7	8.2	12.4

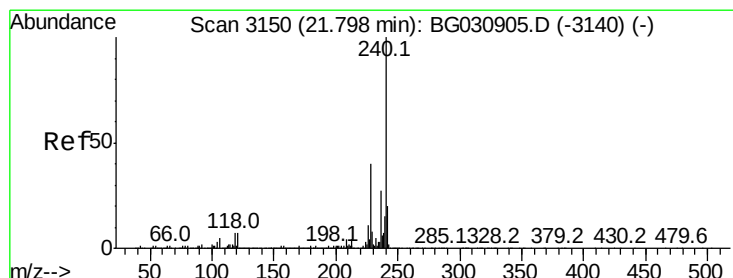
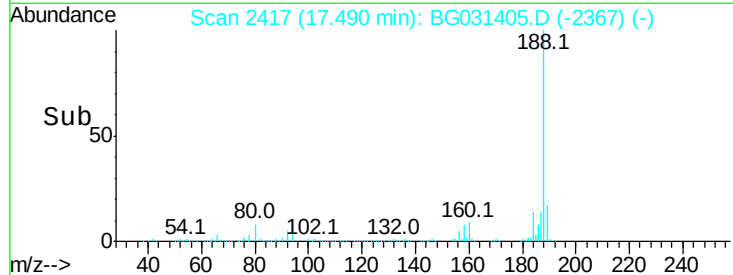
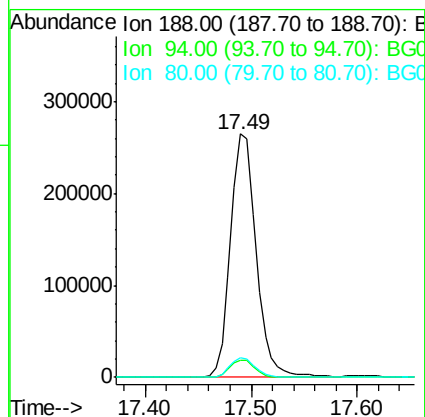
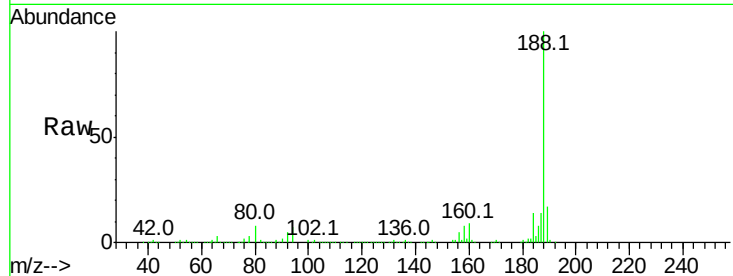




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031405.D
Acq: 7 Dec 2017 19:10

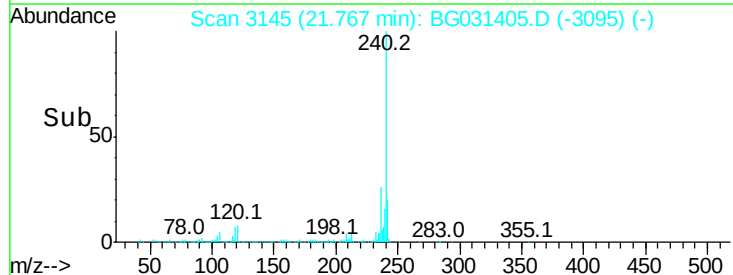
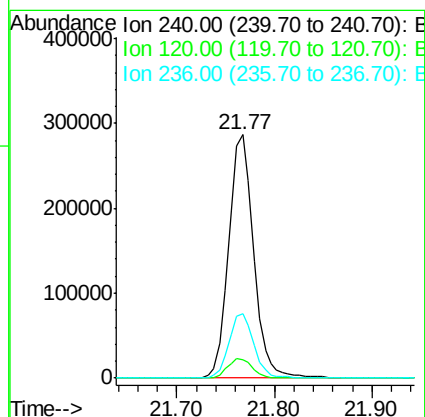
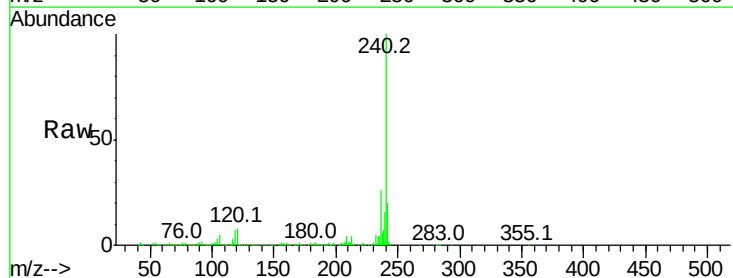
Instrument :
BNA_G
ClientSampleId :
SOIL-SB005B

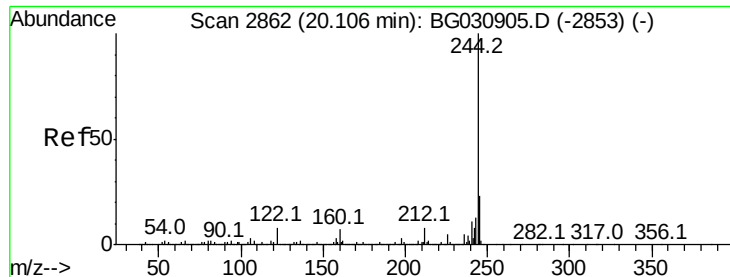
Tot Ion:188 Resp: 445582
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG031405.D
Acq: 7 Dec 2017 19:10

Tgt Ion:240 Resp: 508800
Ion Ratio Lower Upper
240 100
120 7.6 6.8 10.2
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 69.900 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031405.D

Acq: 7 Dec 2017 19:10

Instrument :

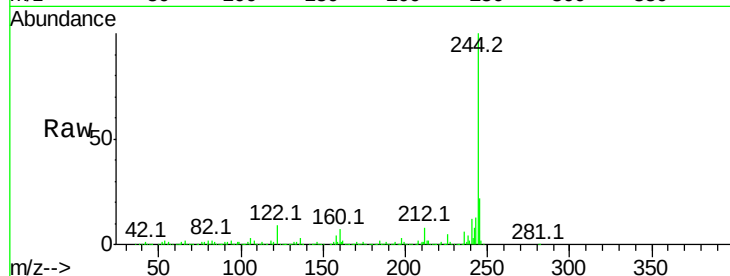
BNA_G

ClientSampleId :

SOIL-SB005B

Tot Ion:244 Resp: 1610683

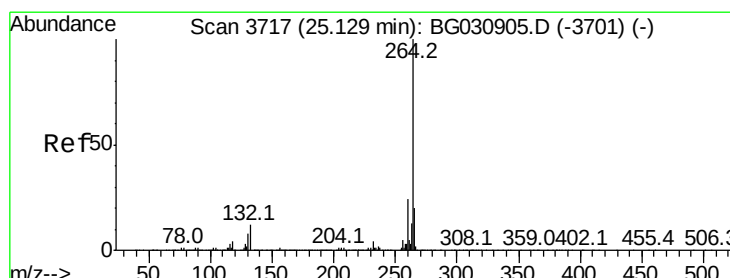
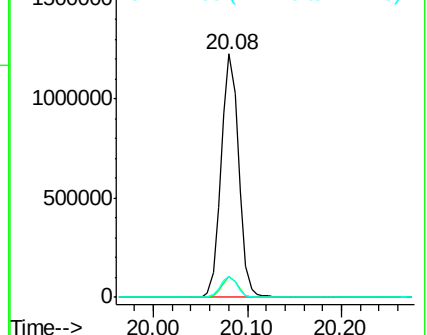
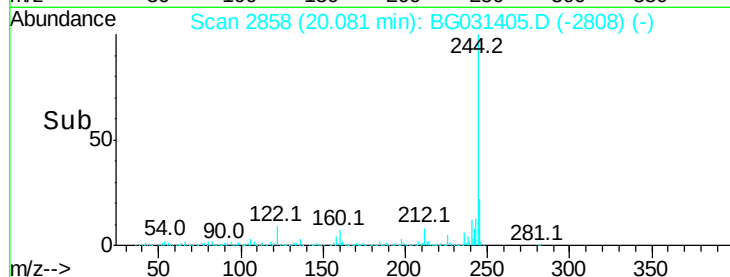
Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	8.6	7.0	10.4



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

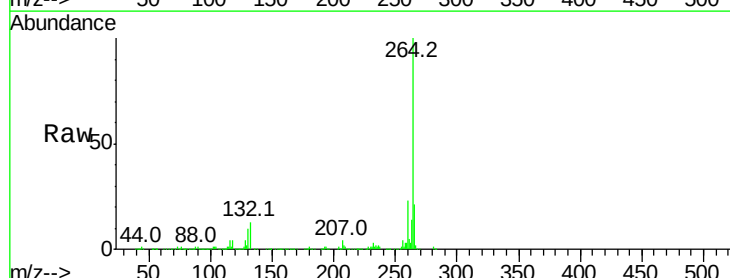
Delta R.T. 0.00 min

Lab File: BG031405.D

Acq: 7 Dec 2017 19:10

Tgt Ion:264 Resp: 492870

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.1	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

