

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100918\
 Data File : BG037223.D
 Acq On : 9 Oct 2018 18:49
 Operator : JU/SJ
 Sample : J5270-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOIL

Quant Time: Oct 10 07:04:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 06:57:02 2018
 Response via : Initial Calibration

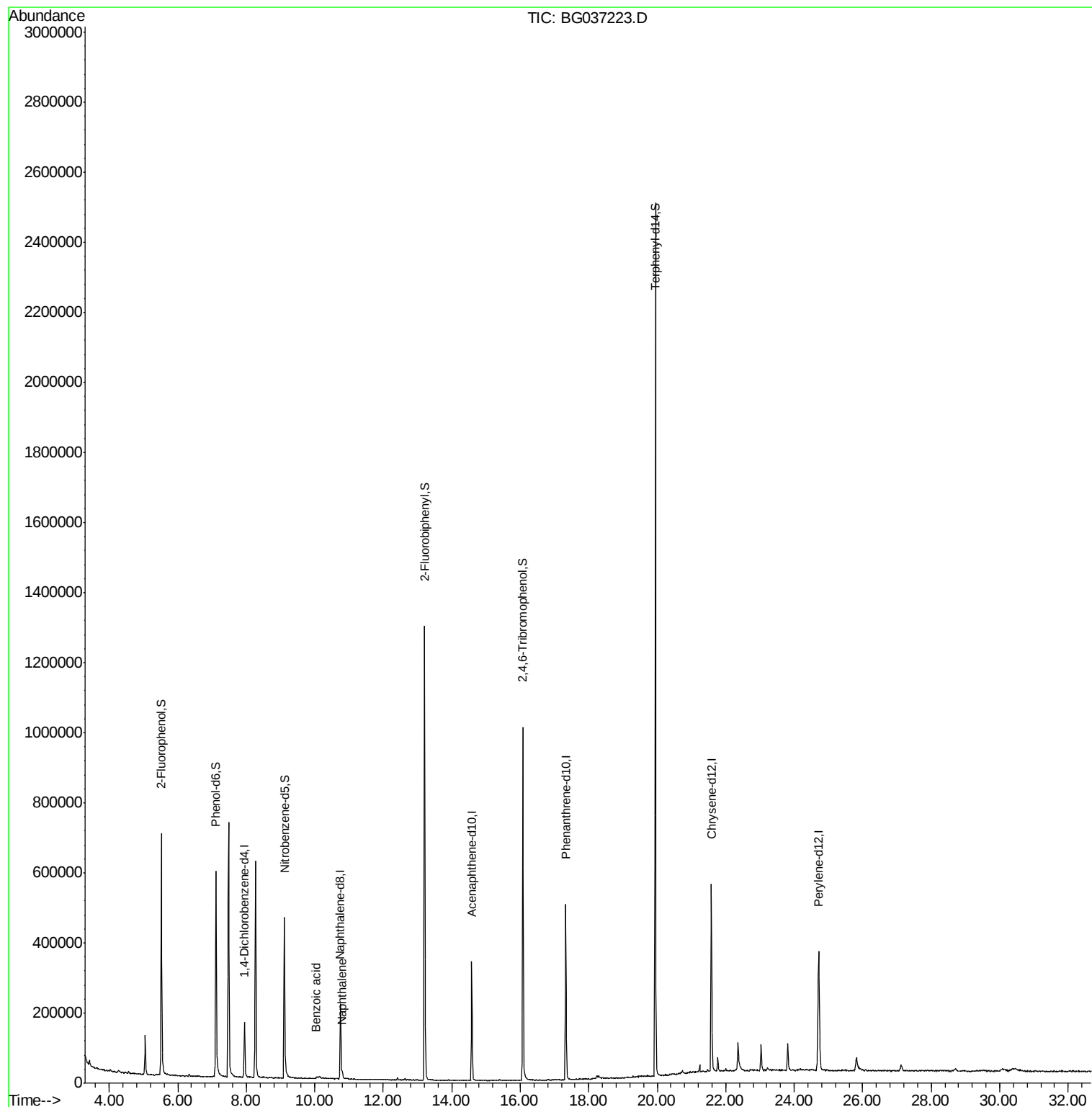
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	50842	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	199898	20.00	ng	0.00
38) Acenaphthene-d10	14.59	164	125954	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	318582	20.00	ng	0.00
75) Chrysene-d12	21.58	240	345239	20.00	ng	0.00
86) Perylene-d12	24.71	264	340552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	305878	115.38	ng	0.00
7) Phenol-d6	7.11	99	376425	91.77	ng	0.00
23) Nitrobenzene-d5	9.11	82	316938	84.91	ng	0.00
41) 2,4,6-Tribromophenol	16.07	330	197523	131.07	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	693846	82.05	ng	0.00
78) Terphenyl-d14	19.95	244	1222485	93.11	ng	0.00
Target Compounds						
31) Naphthalene	10.80	128	20117	2.115	ng	98
32) Benzoic acid	10.06	122	2825	7.128	ng	87

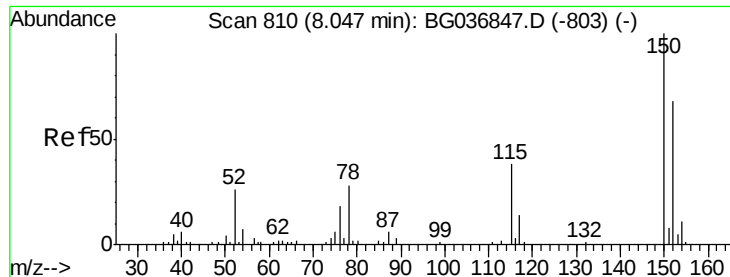
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100918\
Data File : BG037223.D
Acq On : 9 Oct 2018 18:49
Operator : JU/SJ
Sample : J5270-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOIL

Quant Time: Oct 10 07:04:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 06:57:02 2018
Response via : Initial Calibration



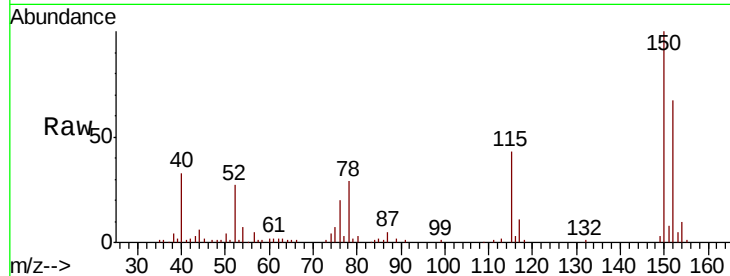


#1

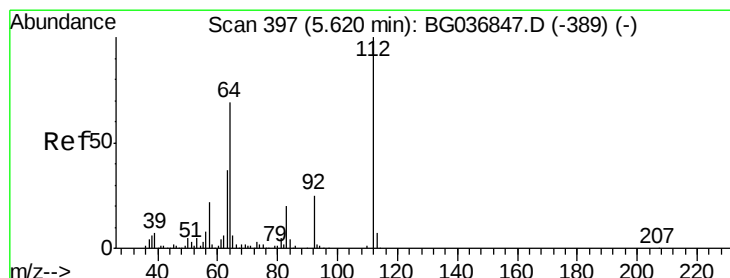
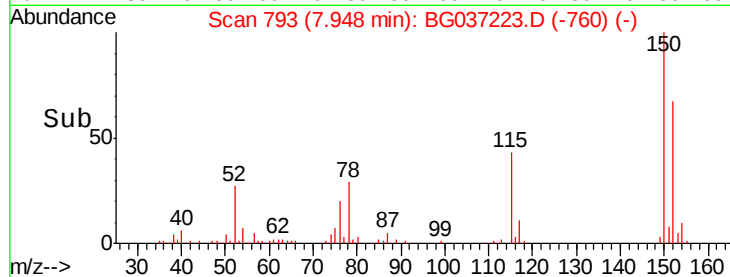
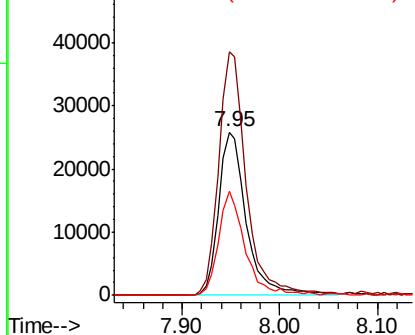
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BG037223.D
 Acq: 9 Oct 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOIL

Tgt Ion:152 Resp: 50842
 Ion Ratio Lower Upper
 152 100
 150 149.0 119.5 179.3
 115 63.6 44.5 66.7



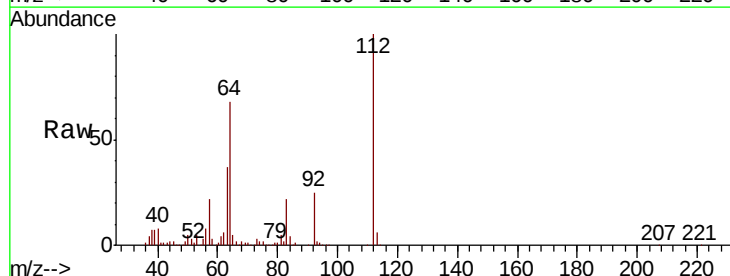
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



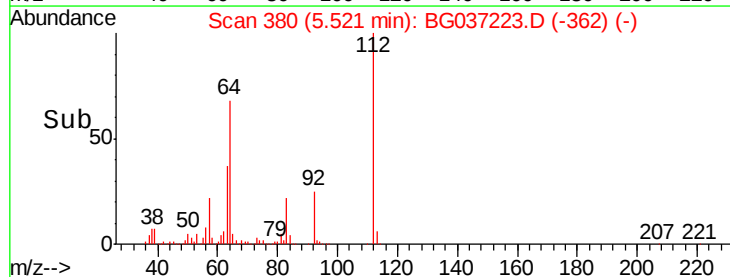
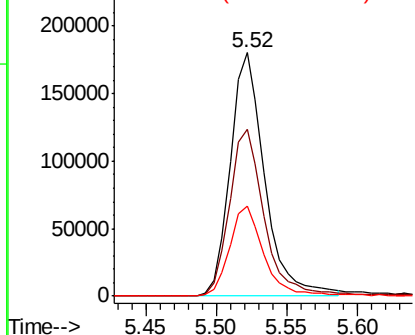
#5

2-Fluorophenol
 Concen: 115.379 ng
 RT: 5.52 min Scan# 380
 Delta R.T. 0.01 min
 Lab File: BG037223.D
 Acq: 9 Oct 2018 18:49

Tgt Ion:112 Resp: 305878
 Ion Ratio Lower Upper
 112 100
 64 68.4 57.2 85.8
 63 36.7 30.8 46.2



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: 91.773 ng

RT: 7.11 min Scan# 651

Delta R.T. 0.00 min

Lab File: BG037223.D

Acq: 9 Oct 2018 18:49

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOIL

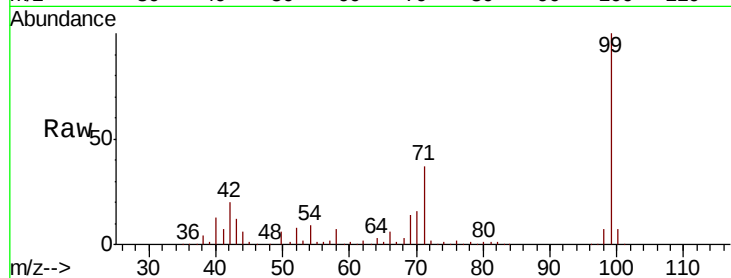
Tgt Ion: 99 Resp: 376425

Ion Ratio Lower Upper

99 100

42 20.2 16.5 24.7

71 36.6 29.4 44.2

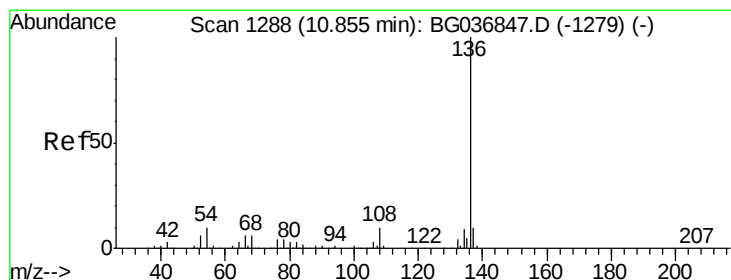
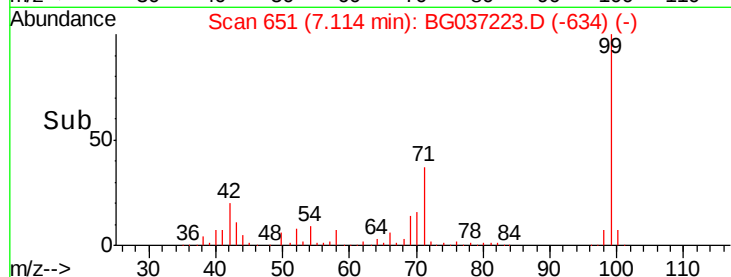
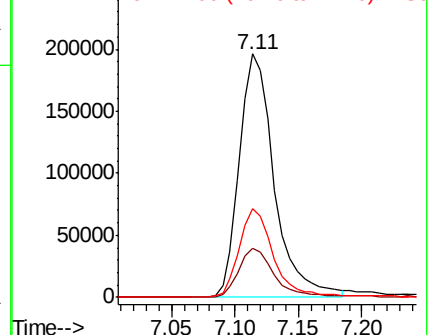


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BG037223.D

Acq: 9 Oct 2018 18:49

Tgt Ion: 136 Resp: 199898

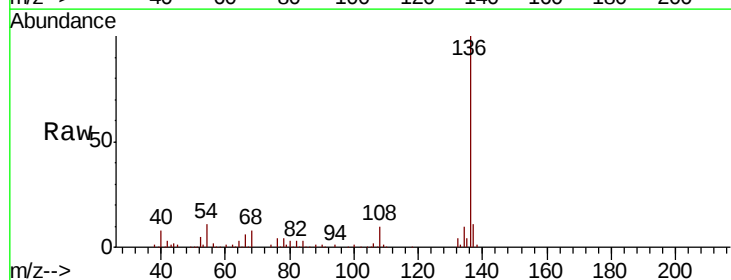
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 11.0 9.2 13.8

68 7.5 5.8 8.6



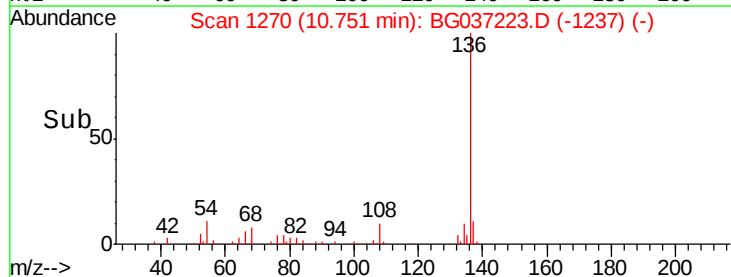
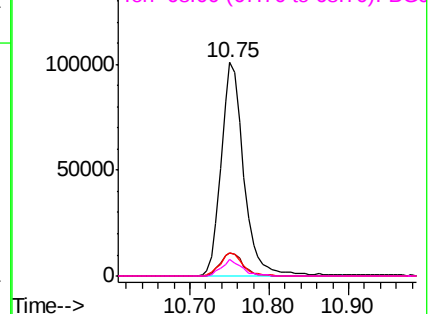
Abundance

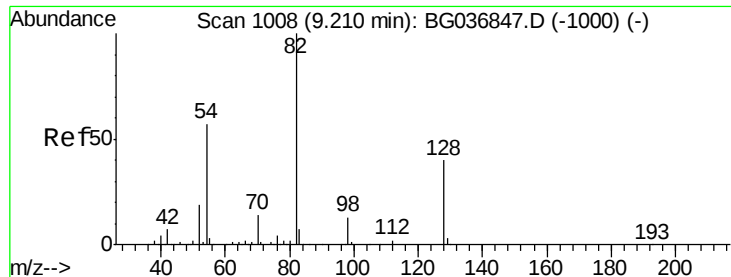
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

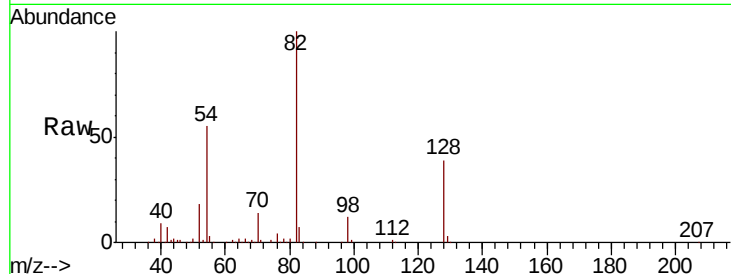




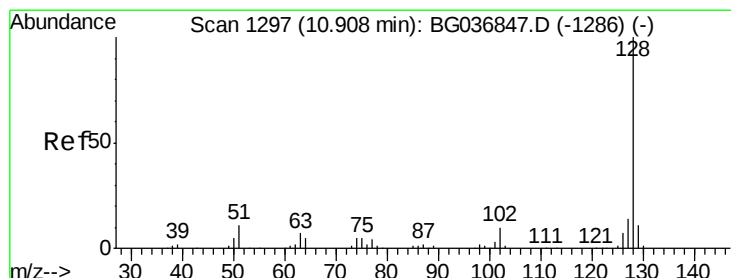
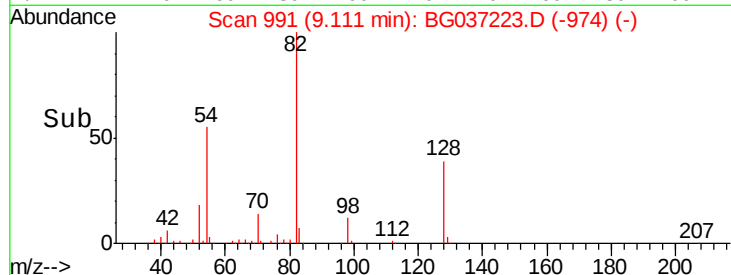
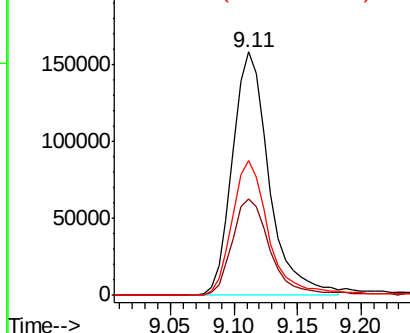
#23
 Nitrobenzene-d5
 Concen: 84.905 ng
 RT: 9.11 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BG037223.D
 Acq: 9 Oct 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOIL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.3	49.9
54	55.3	45.1	67.7

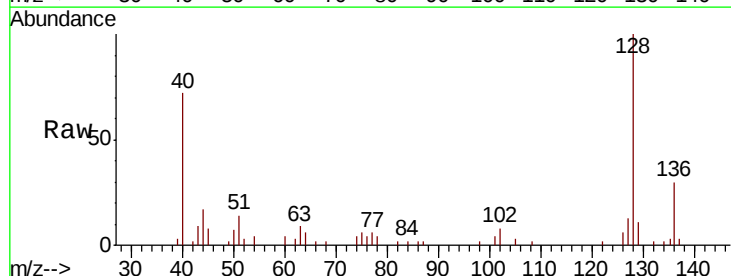


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

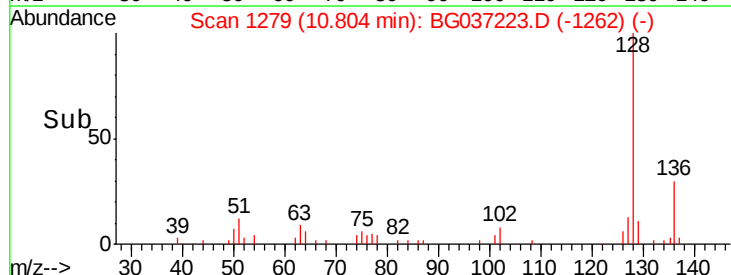
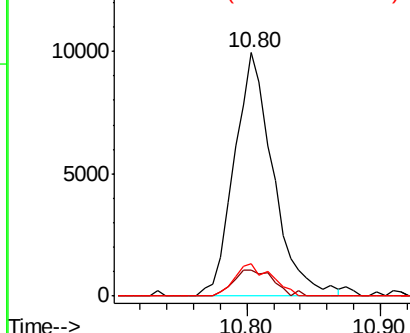


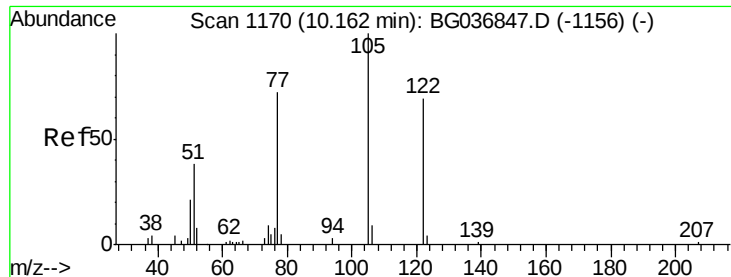
#31
 Naphthalene
 Concen: 2.115 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BG037223.D
 Acq: 9 Oct 2018 18:49

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.2
127	13.1	11.0	16.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

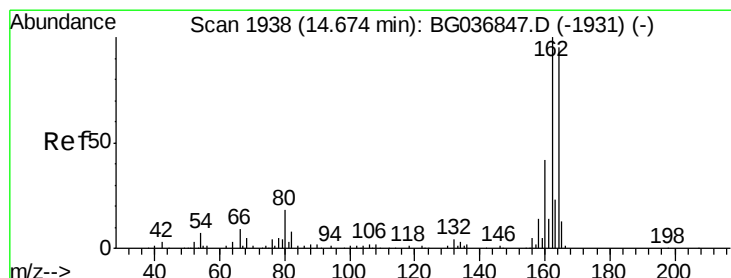
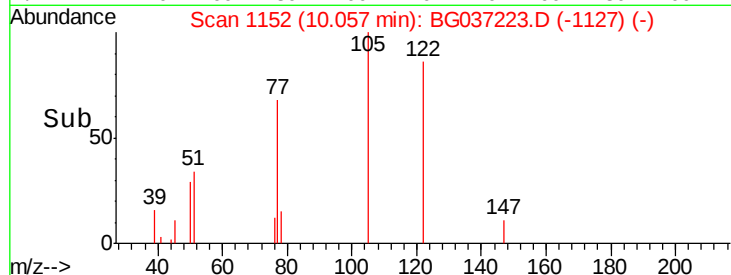
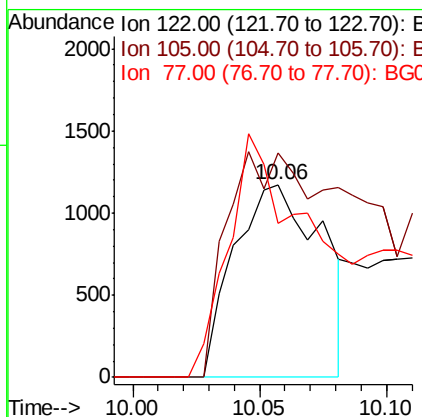
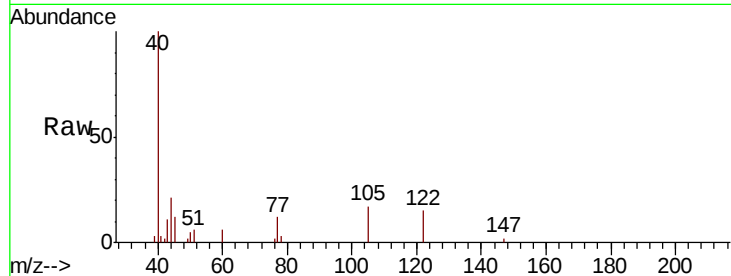




#32
Benzoic acid
Concen: 7.128 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.05 min
Lab File: BG037223.D
Acq: 9 Oct 2018 18:49

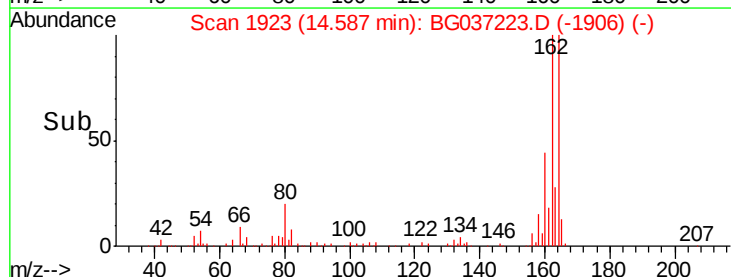
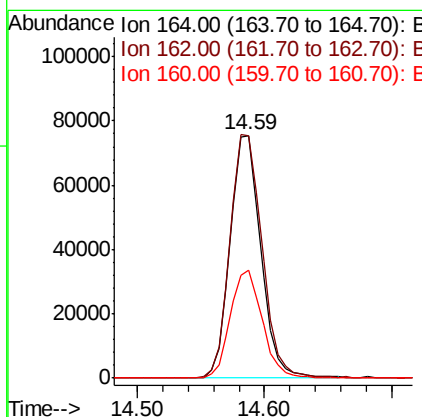
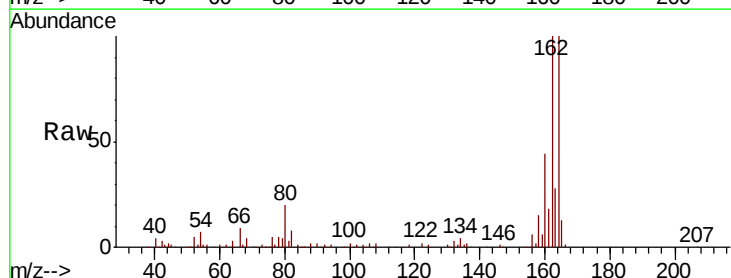
Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOIL

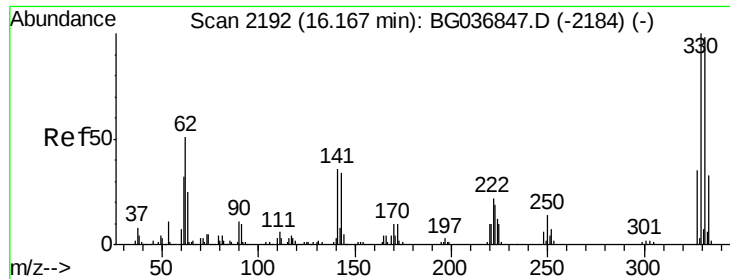
Tgt Ion:122 Resp: 2825
Ion Ratio Lower Upper
122 100
105 116.6 108.1 148.1
77 79.8 76.3 116.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BG037223.D
Acq: 9 Oct 2018 18:49

Tgt Ion:164 Resp: 125954
Ion Ratio Lower Upper
164 100
162 99.6 80.7 121.1
160 44.4 35.3 52.9

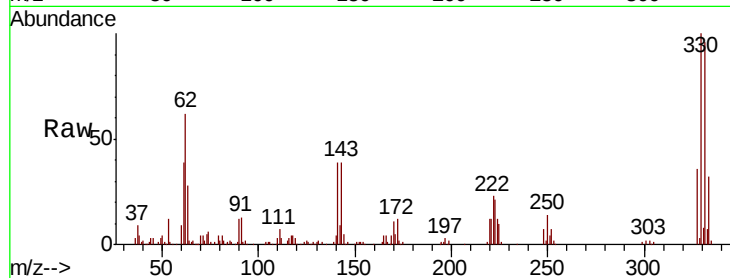




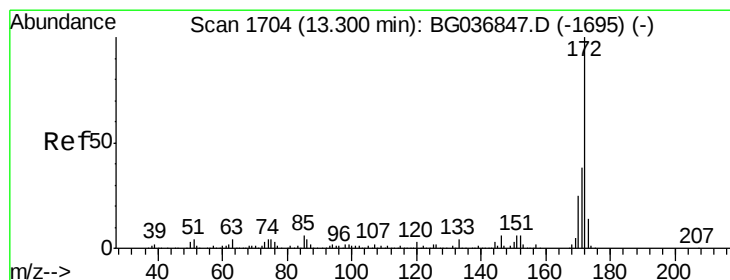
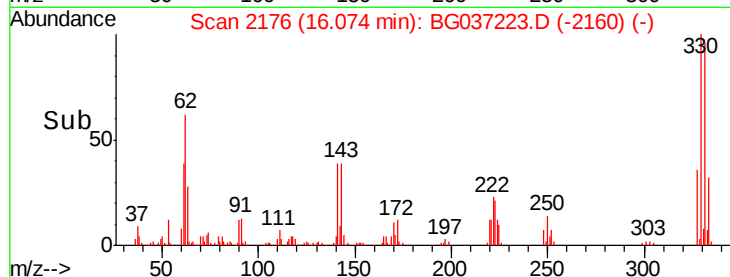
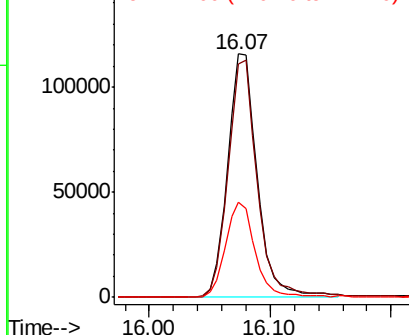
#41
 2,4,6-Tribromophenol
 Concen: 131.074 ng
 RT: 16.07 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG037223.D
 Acq: 9 Oct 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOIL

Tgt Ion:330 Resp: 197523
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.2
 141 38.8 30.7 46.1

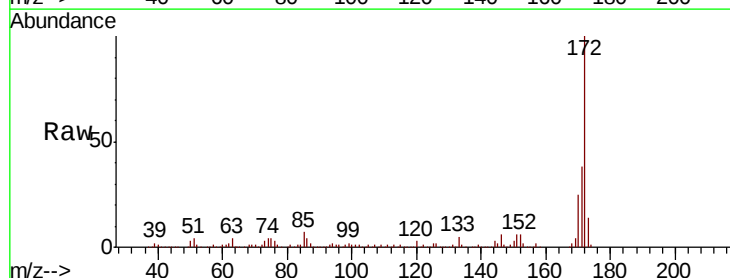


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

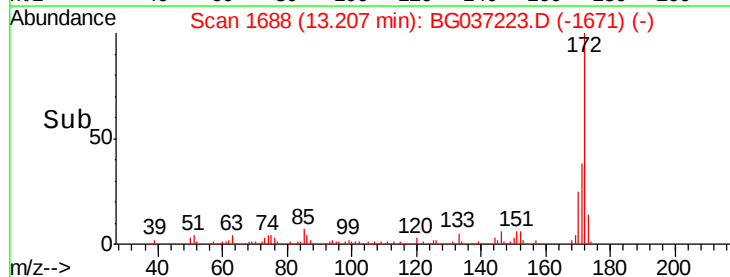
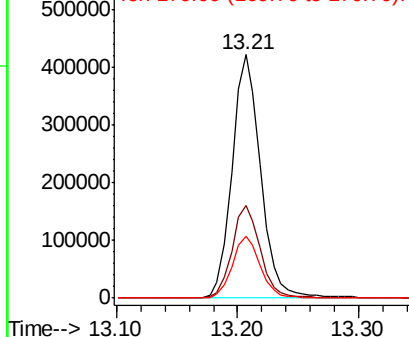


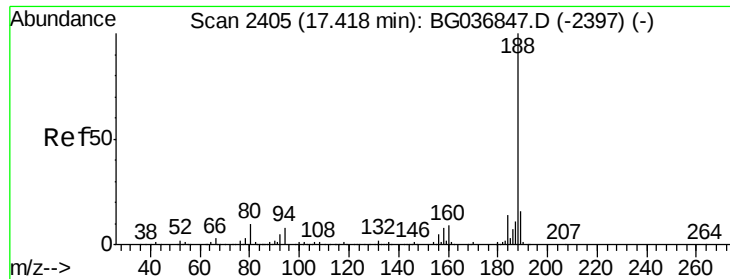
#44
 2-Fluorobiphenyl
 Concen: 82.046 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG037223.D
 Acq: 9 Oct 2018 18:49

Tgt Ion:172 Resp: 693846
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 25.4 21.0 31.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BG037223.D

Acq: 9 Oct 2018 18:49

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOIL

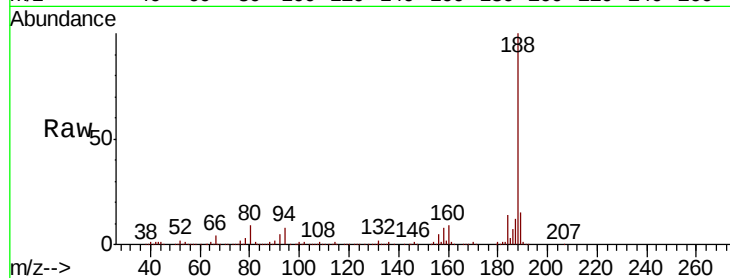
Tgt Ion:188 Resp: 318582

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

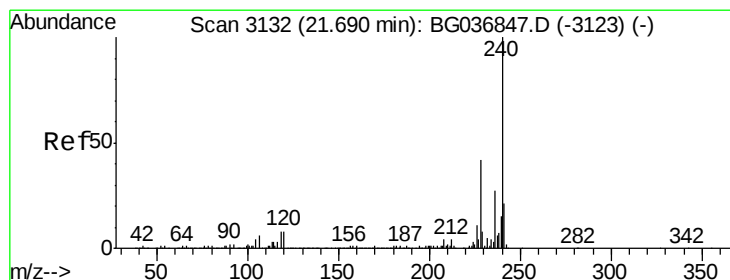
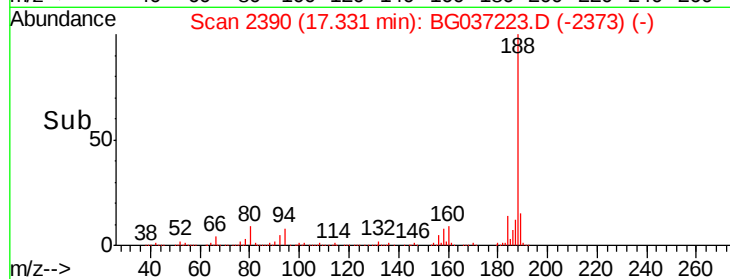
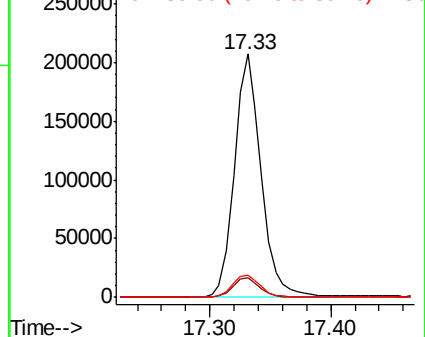
80 9.1 8.1 12.1



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: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG037223.D

Acq: 9 Oct 2018 18:49

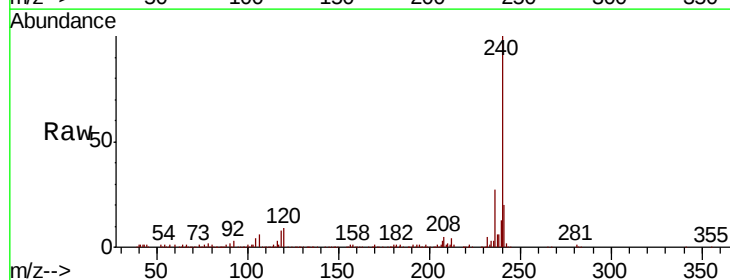
Tgt Ion:240 Resp: 345239

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

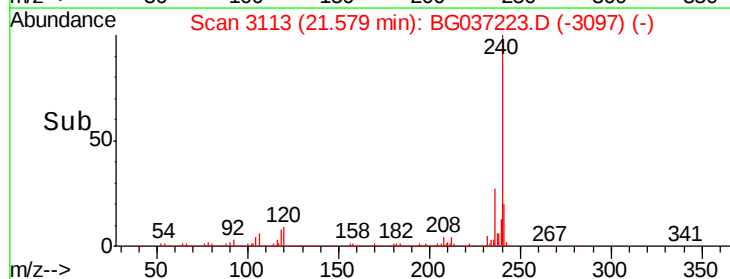
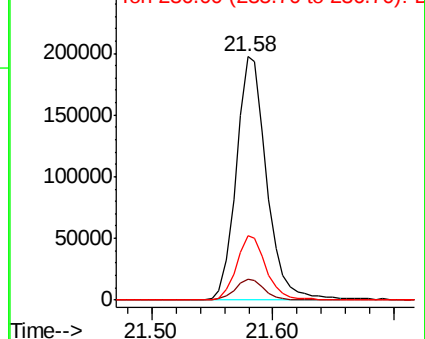
236 26.5 21.2 31.8

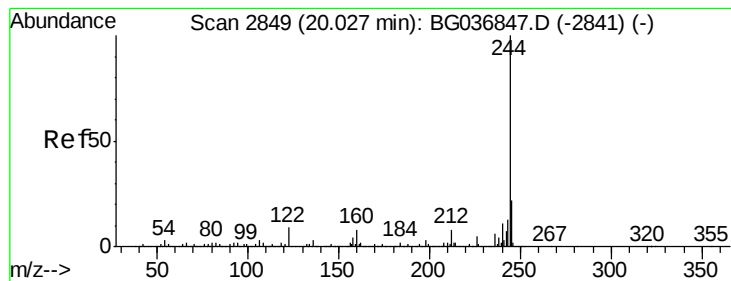


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.110 ng

RT: 19.95 min Scan# 2835

Delta R.T. 0.00 min

Lab File: BG037223.D

Acq: 9 Oct 2018 18:49

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOIL

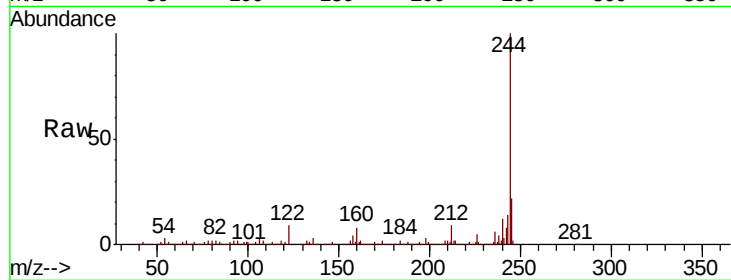
Tgt Ion:244 Resp: 1222485

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

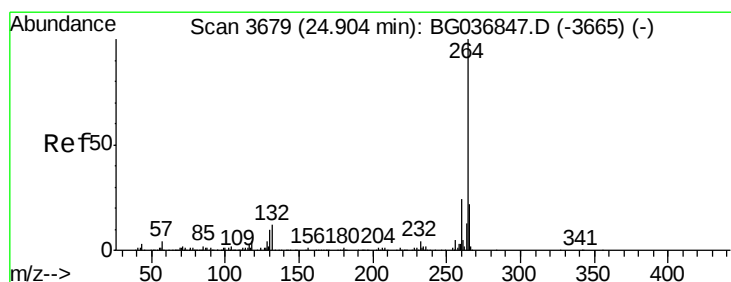
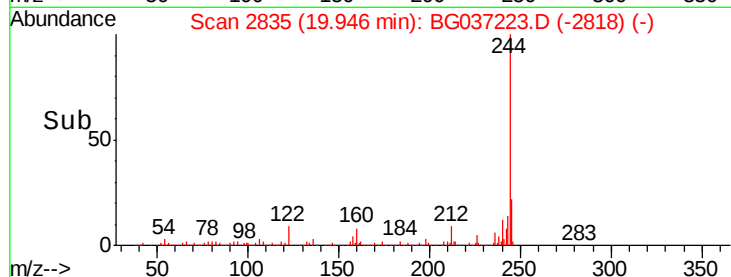
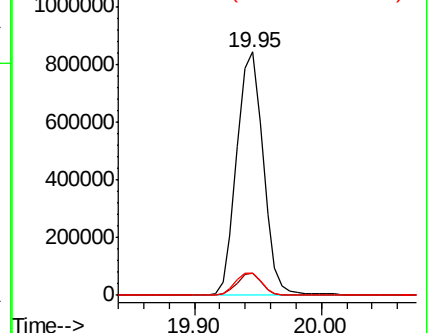
122 9.1 7.1 10.7



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: 24.71 min Scan# 3646

Delta R.T. -0.01 min

Lab File: BG037223.D

Acq: 9 Oct 2018 18:49

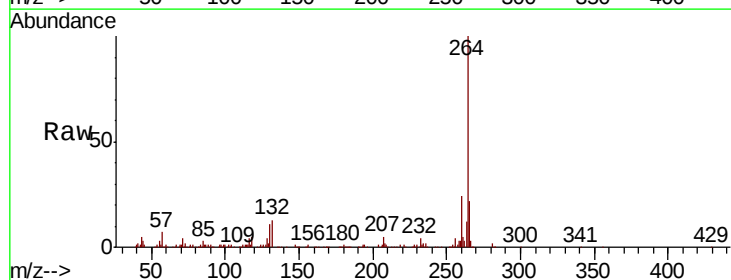
Tgt Ion:264 Resp: 340552

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 22.1 17.4 26.0



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

