

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
 Data File : BG038006.D
 Acq On : 14 Nov 2018 20:56
 Operator : JU/SJ
 Sample : J5932-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL

Quant Time: Nov 15 01:25:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

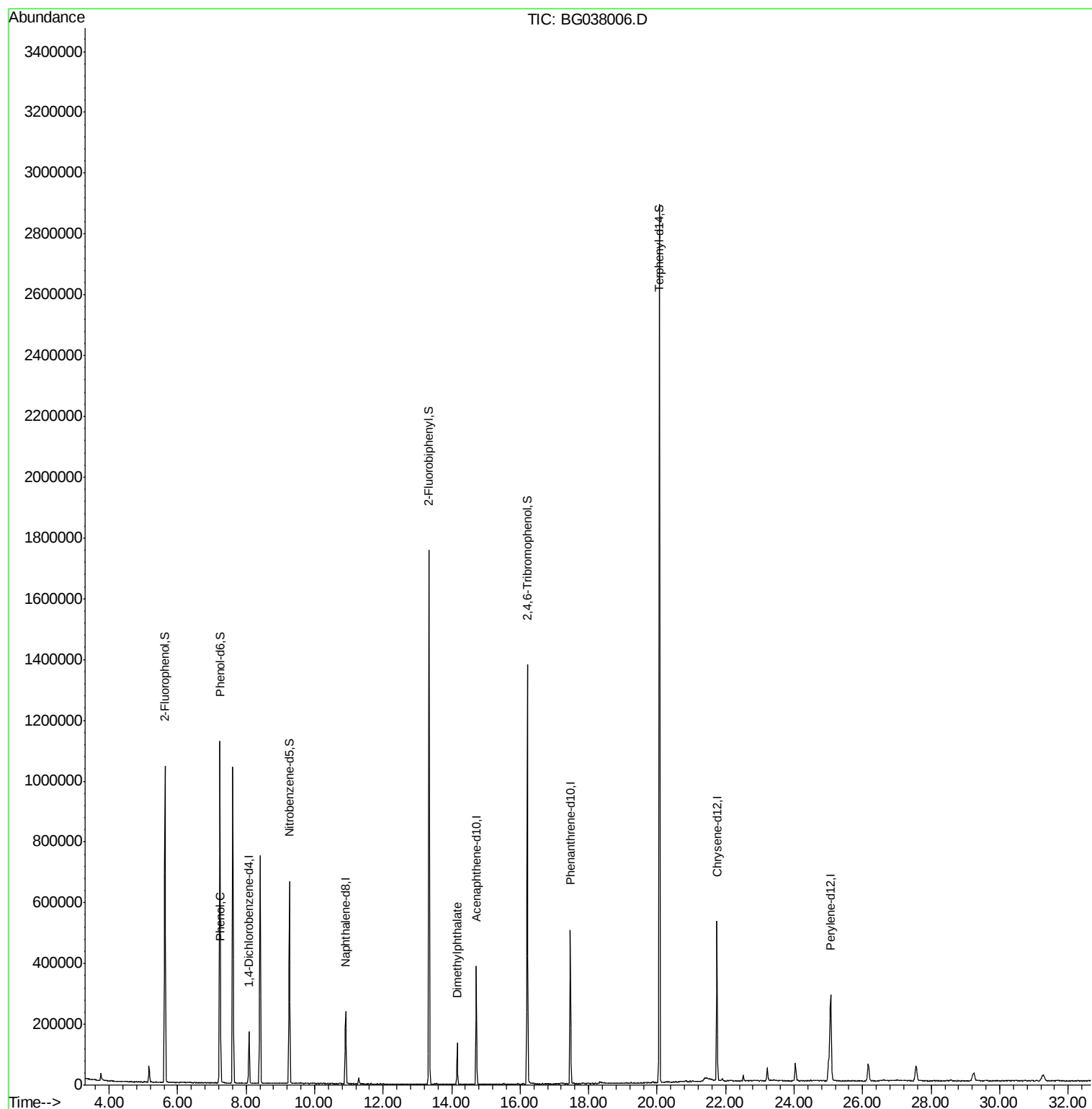
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50371	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	216835	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	138200	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	327093	20.00	ng	0.00
76) Chrysene-d12	21.75	240	304604	20.00	ng	0.00
87) Perylene-d12	25.07	264	316338	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	478265	163.93	ng	0.00
7) Phenol-d6	7.23	99	692754	166.35	ng	0.00
23) Nitrobenzene-d5	9.26	82	427047	105.43	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	251126	159.33	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	950141	100.16	ng	0.00
79) Terphenyl-d14	20.07	244	1354544	104.64	ng	0.00
Target Compounds						
10) Phenol	7.26	94	33393	7.570	ng	91
50) Dimethylphthalate	14.16	163	95351	8.703	ng	98

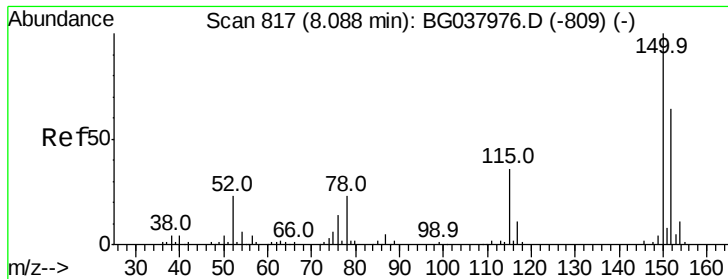
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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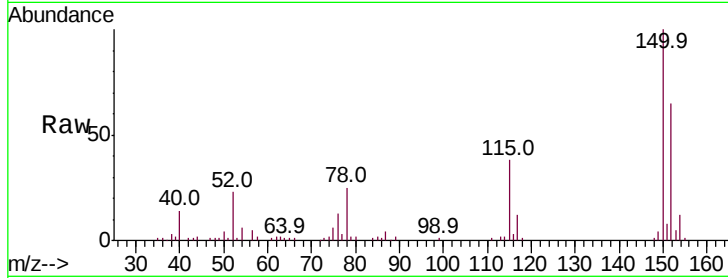


#1

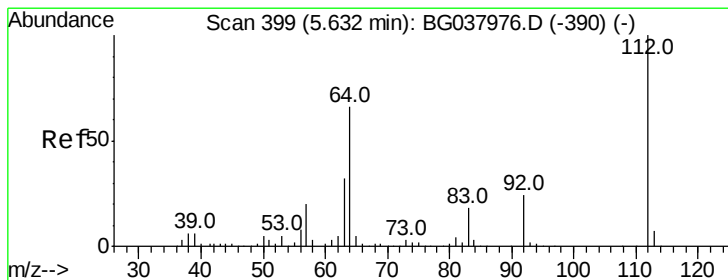
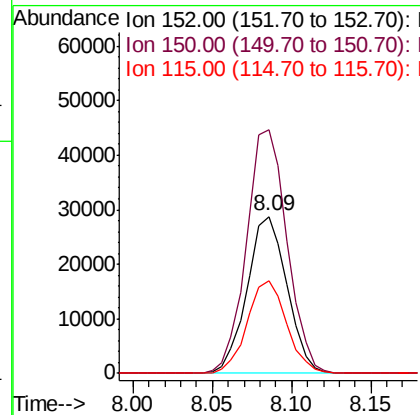
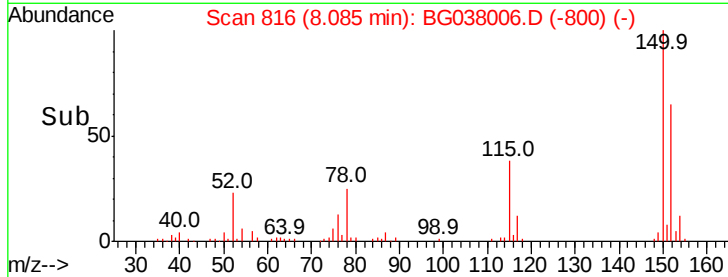
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038006.D
Acq: 14 Nov 2018 20:56

Instrument :
BNA_G
ClientSampleId :
CG-SOIL

Tot Ion:152 Resp: 50371
Ion Ratio Lower Upper
152 100
150 155.0 126.0 189.0
115 58.6 45.5 68.3



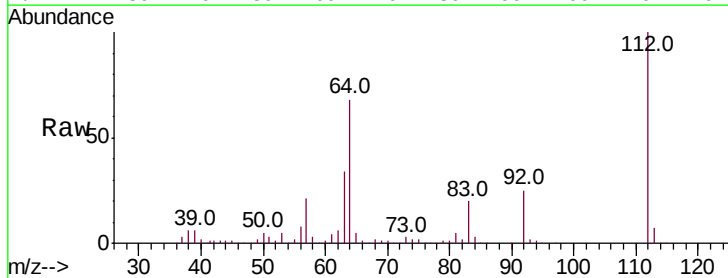
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



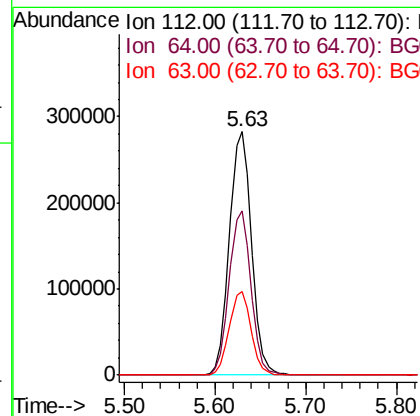
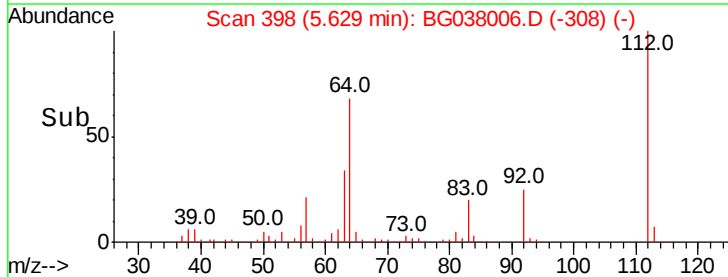
#5

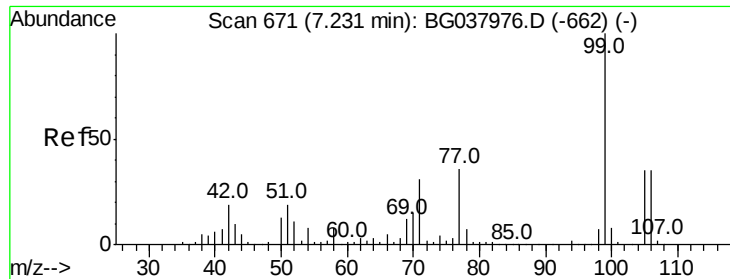
2-Fluorophenol
Concen: 163.935 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038006.D
Acq: 14 Nov 2018 20:56

Tgt Ion:112 Resp: 478265
Ion Ratio Lower Upper
112 100
64 67.5 53.1 79.7
63 34.4 27.3 40.9



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: 166.350 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038006.D

Acq: 14 Nov 2018 20:56

Instrument :

BNA_G

ClientSampled :

CG-SOIL

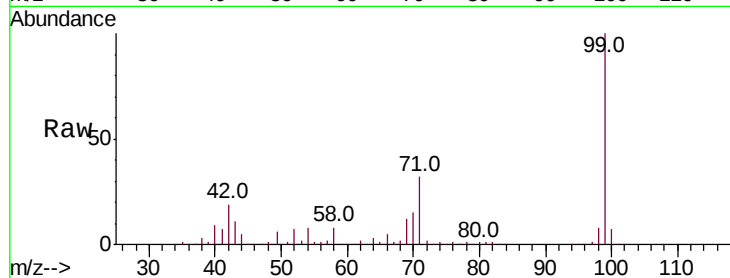
Tot Ion: 99 Resp: 692754

Ion Ratio Lower Upper

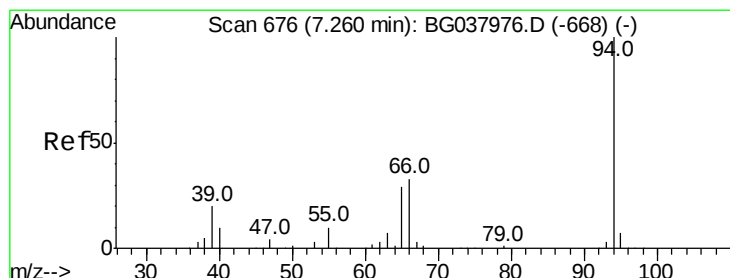
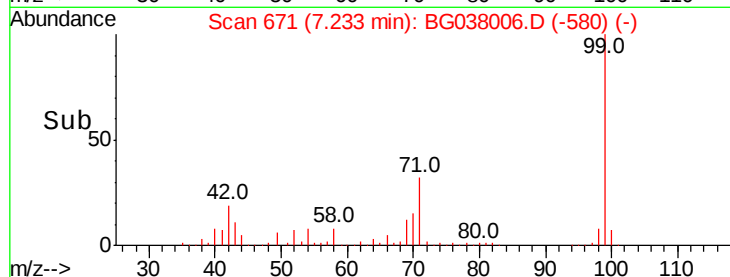
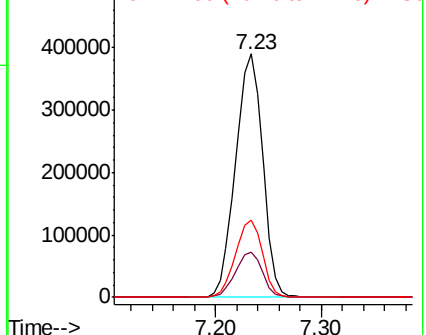
99 100

42 18.8 15.0 22.4

71 31.7 25.5 38.3



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: 7.570 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG038006.D

Acq: 14 Nov 2018 20:56

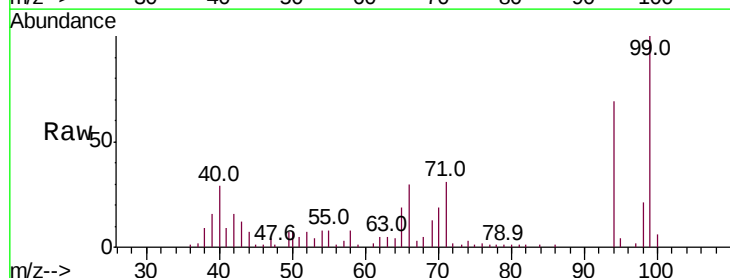
Tgt Ion: 94 Resp: 33393

Ion Ratio Lower Upper

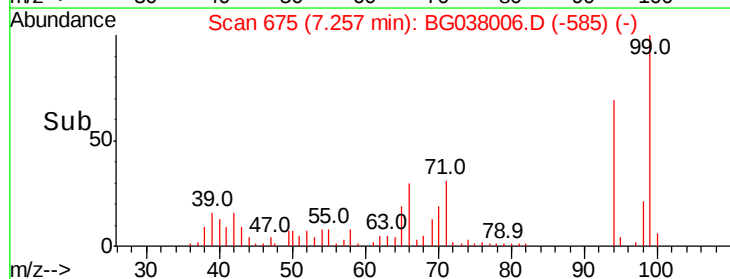
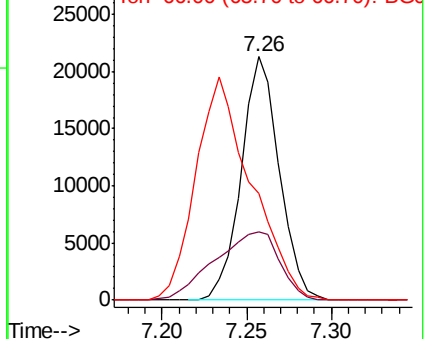
94 100

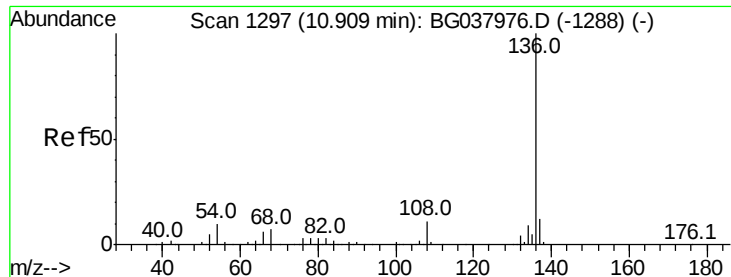
65 28.2 9.7 49.7

66 43.9 15.9 55.9



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: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038006.D

Acq: 14 Nov 2018 20:56

Instrument :

BNA_G

ClientSampleId :

CG-SOIL

Tot Ion:136 Resp: 216835

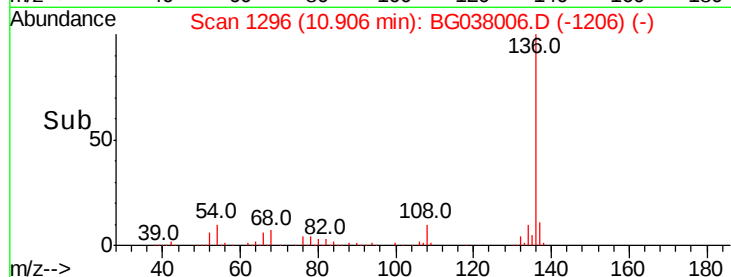
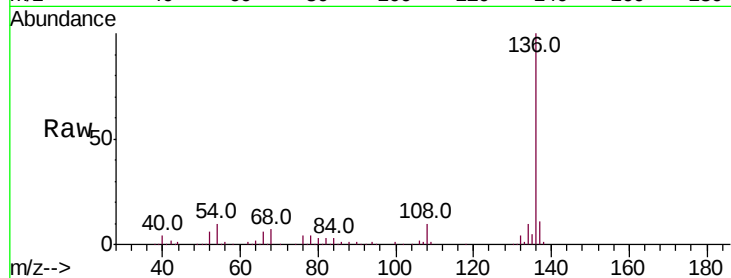
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 10.0 7.9 11.9

68 7.1 4.8 7.2

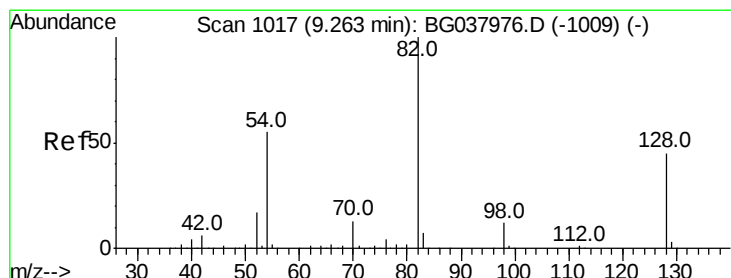
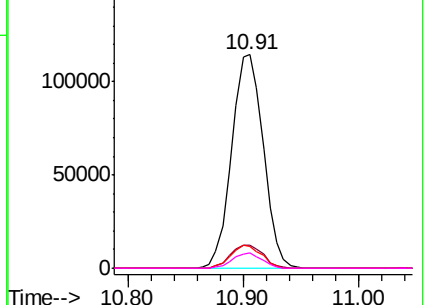


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.426 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG038006.D

Acq: 14 Nov 2018 20:56

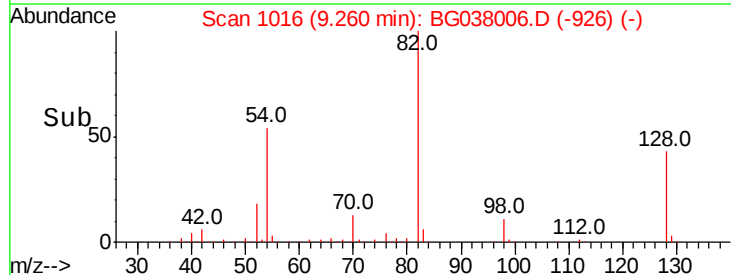
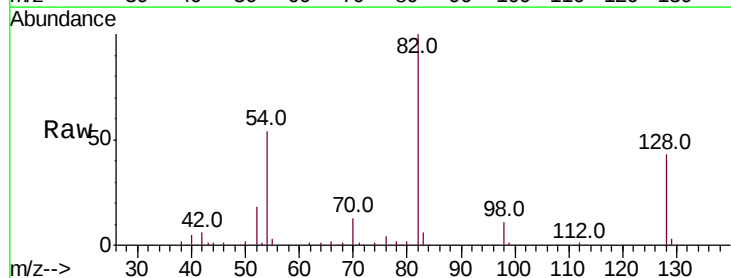
Tgt Ion: 82 Resp: 427047

Ion Ratio Lower Upper

82 100

128 43.0 34.6 51.8

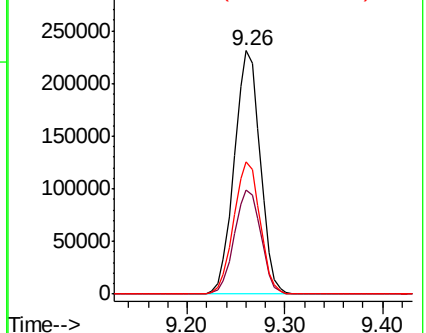
54 54.1 45.3 67.9

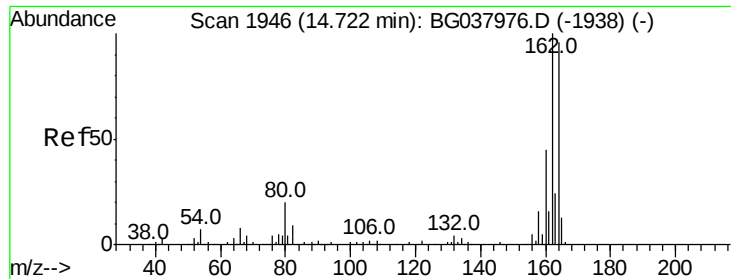


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038006.D

Acq: 14 Nov 2018 20:56

Instrument :

BNA_G

ClientSampleId :

CG-SOIL

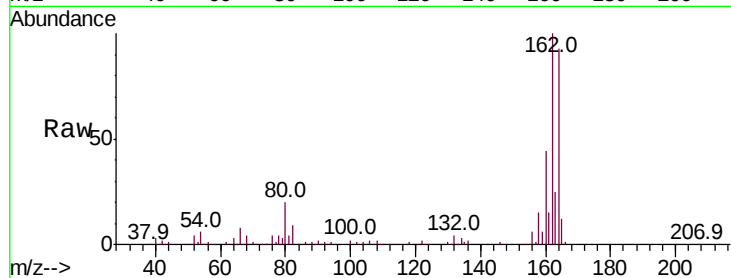
Tot Ion:164 Resp: 138200

Ion Ratio Lower Upper

164 100

162 107.3 81.3 121.9

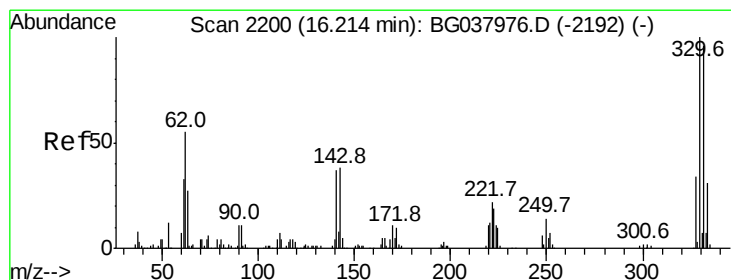
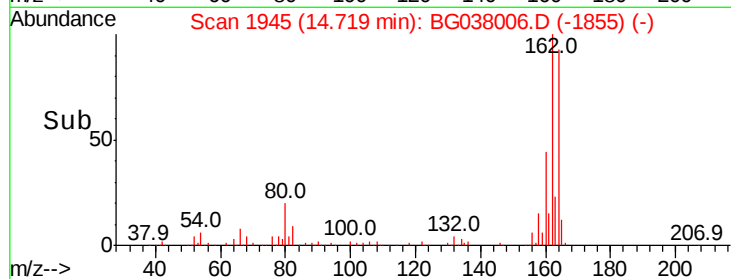
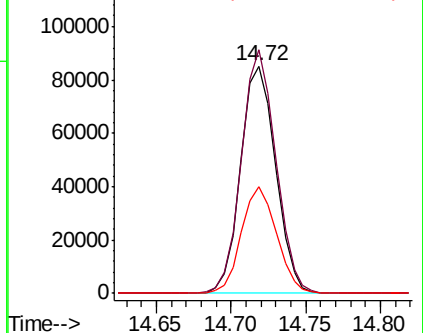
160 47.3 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 159.330 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038006.D

Acq: 14 Nov 2018 20:56

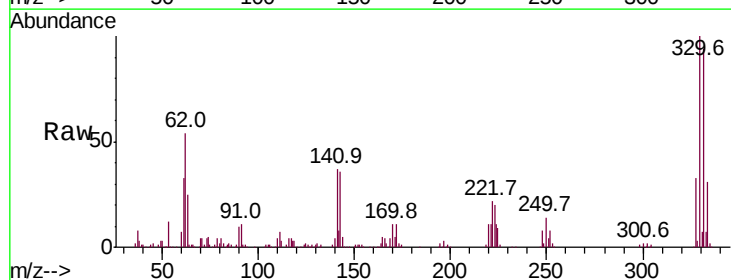
Tgt Ion:330 Resp: 251126

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

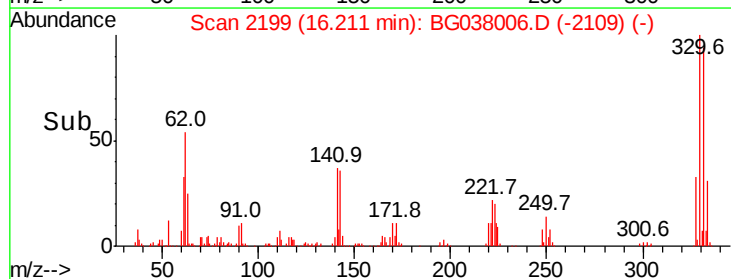
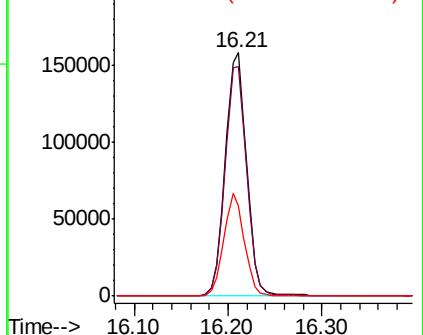
141 40.4 32.2 48.2

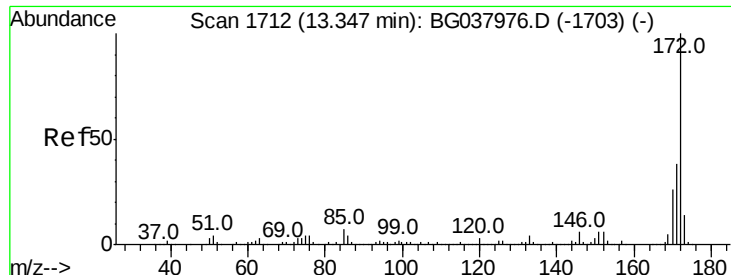


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

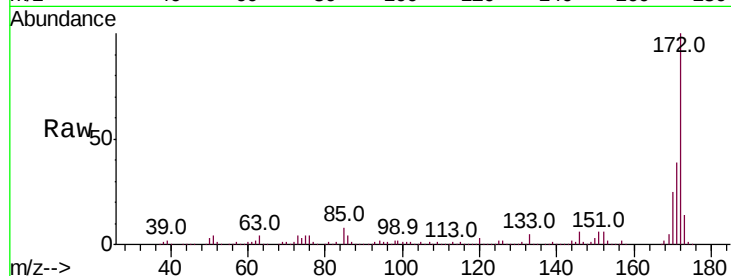




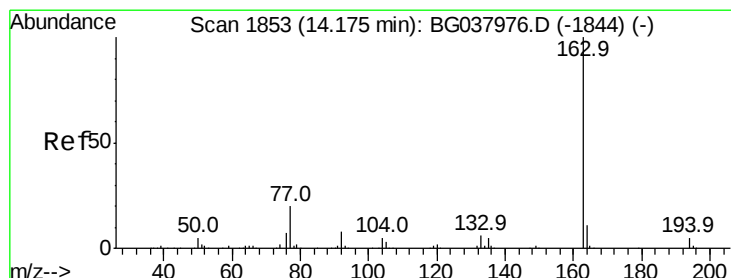
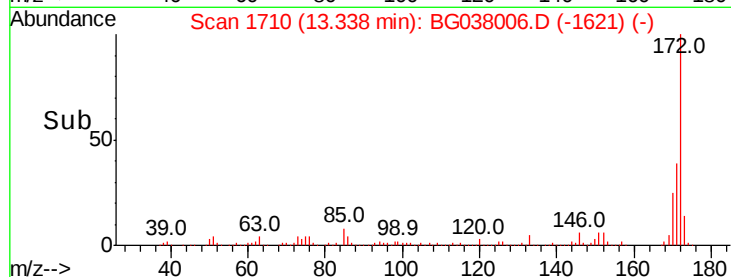
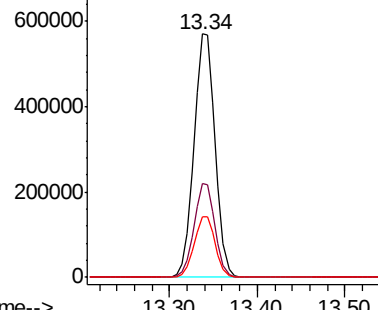
#45
 2-Fluorobiphenyl
 Concen: 100.160 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038006.D
 Acq: 14 Nov 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL

Tot Ion:172 Resp: 950141
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.0 46.4
 170 25.1 20.2 30.2

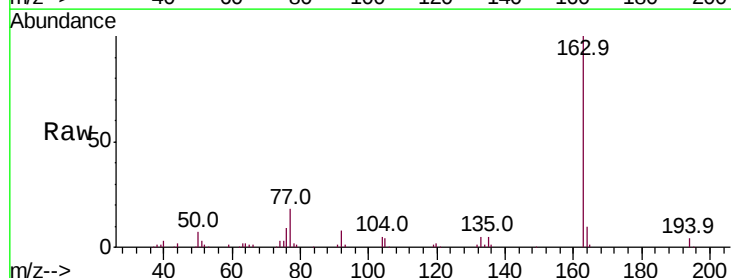


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

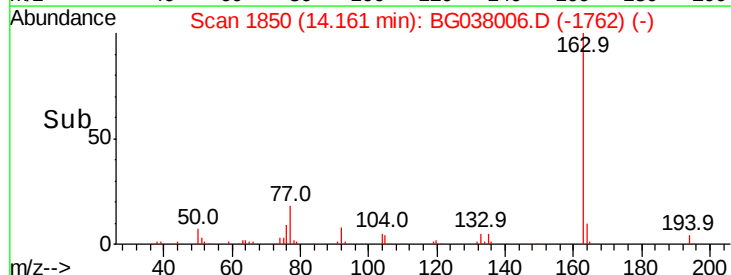
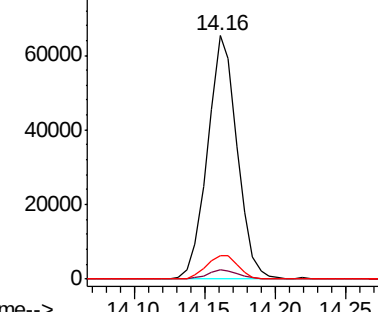


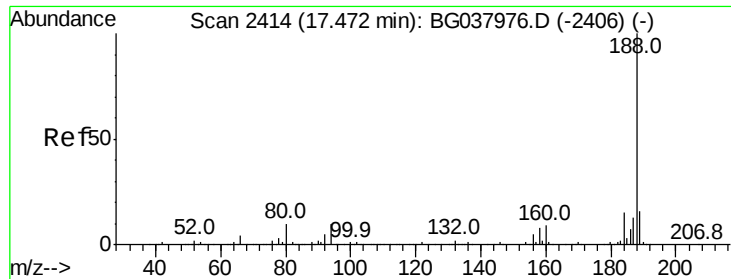
#50
 Dimethylphthalate
 Concen: 8.703 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG038006.D
 Acq: 14 Nov 2018 20:56

Tgt Ion:163 Resp: 95351
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.5 5.3
 164 9.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038006.D

Acq: 14 Nov 2018 20:56

Instrument :

BNA_G

ClientSampled :

CG-SOIL

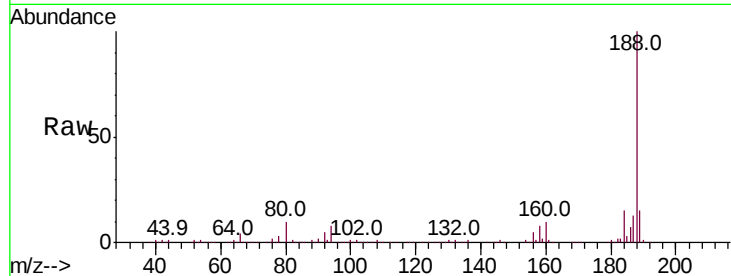
Tot Ion:188 Resp: 327093

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

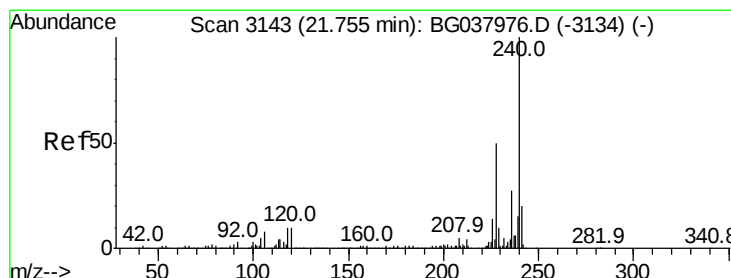
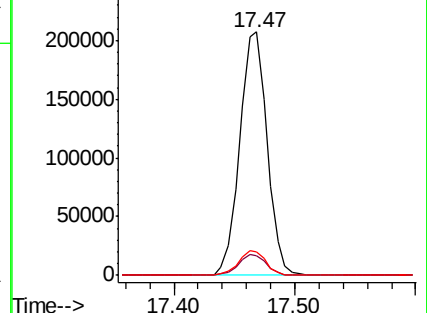
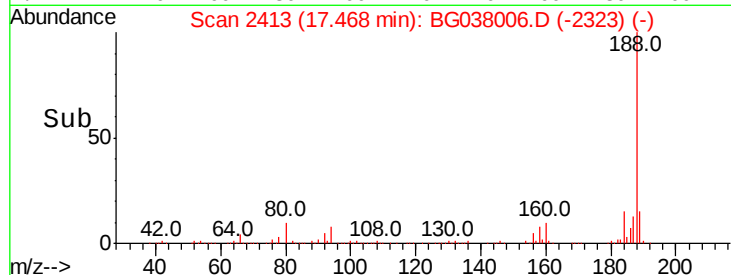
80 9.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038006.D

Acq: 14 Nov 2018 20:56

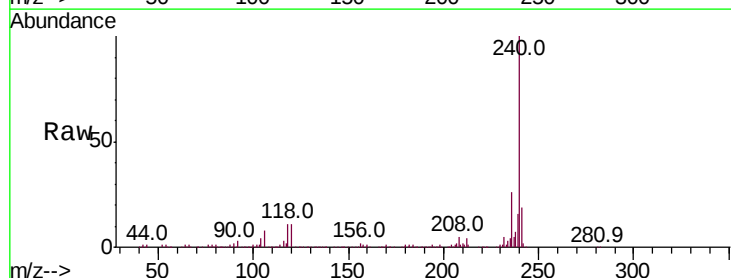
Tgt Ion:240 Resp: 304604

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

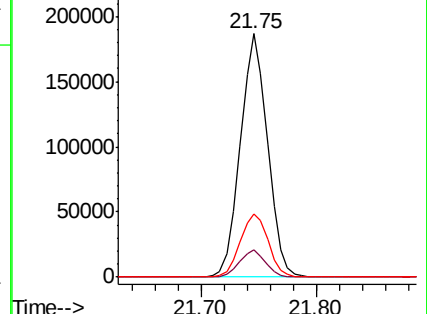
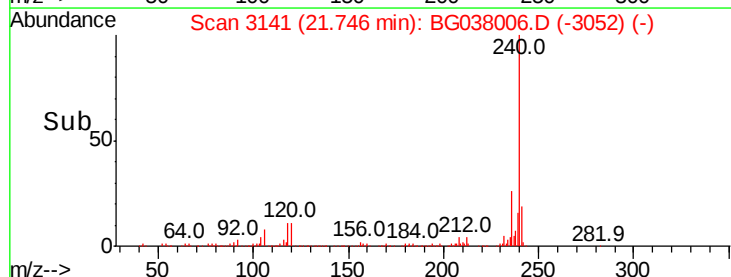
236 25.9 21.4 32.0

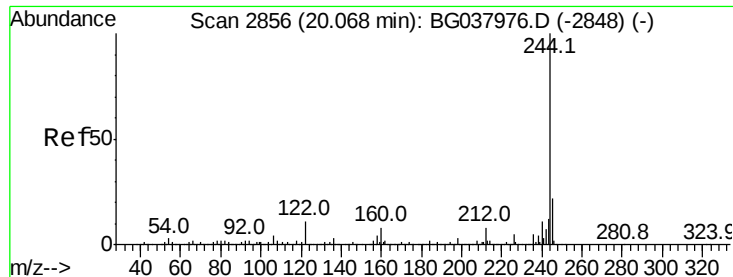


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.636 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038006.D

Acq: 14 Nov 2018 20:56

Instrument :

BNA_G

ClientSampleId :

CG-SOIL

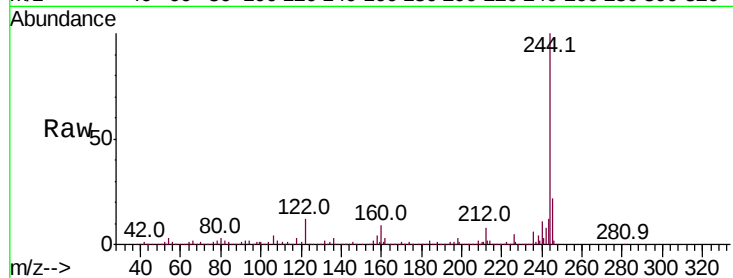
Tot Ion:244 Resp: 1354544

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

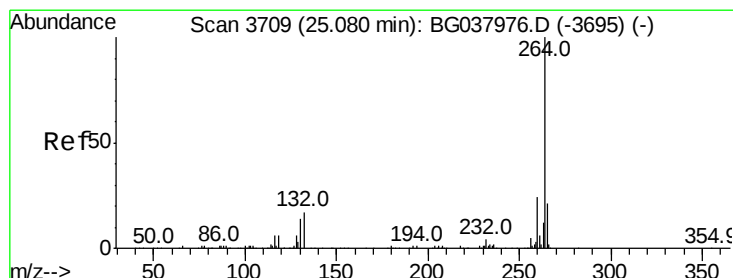
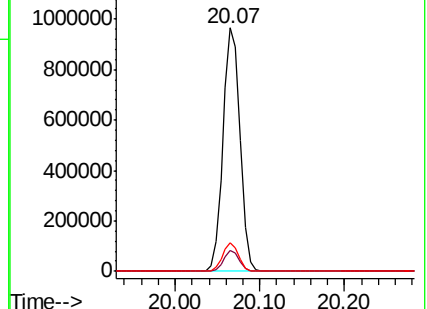
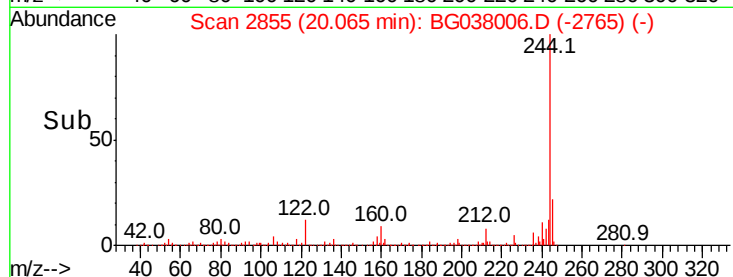
122 11.7 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038006.D

Acq: 14 Nov 2018 20:56

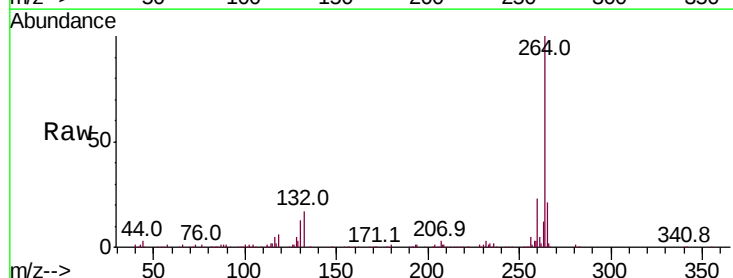
Tgt Ion:264 Resp: 316338

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.0 17.9 26.9



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

