

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037136.D
 Acq On : 3 Oct 2018 16:45
 Operator : JU/SJ
 Sample : J5212-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CG-SOIL-2

Quant Time: Oct 03 18:09:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

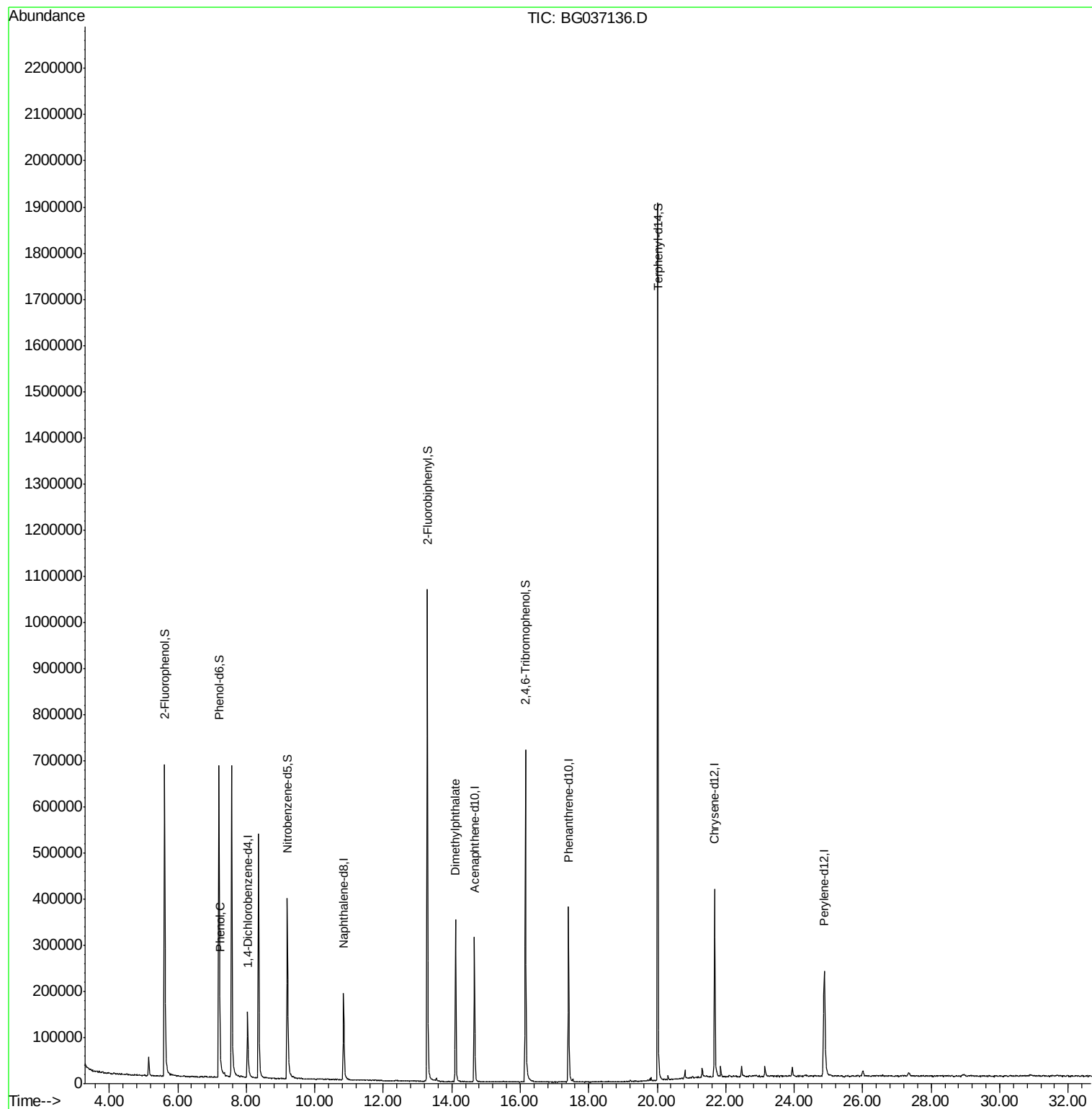
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46573	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	200428	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	120220	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	274406	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	286866	20.00	ng	-0.02
86) Perylene-d12	24.87	264	278599	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	329456	135.66	ng	0.00
7) Phenol-d6	7.20	99	453629	120.73	ng	-0.01
23) Nitrobenzene-d5	9.20	82	297003	79.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	144733	100.62	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	637485	78.98	ng	-0.01
78) Terphenyl-d14	20.01	244	941180	86.27	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	9518	2.455	ng	Qvalue # 55
49) Dimethylphthalate	14.11	163	259791	26.847	ng	99

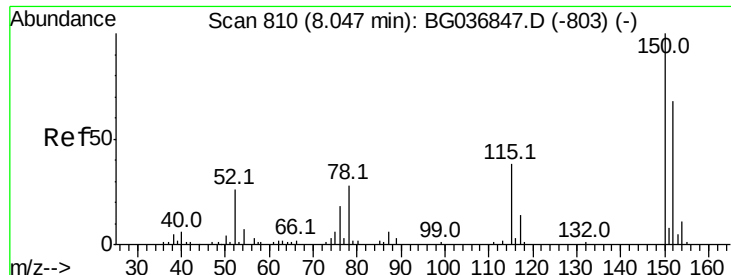
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037136.D

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ClientSampleId :

CG-SOIL-2

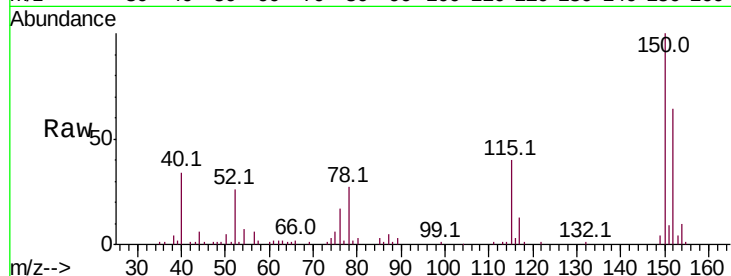
Tot Ion:152 Resp: 46573

Ion Ratio Lower Upper

152 100

150 156.0 119.5 179.3

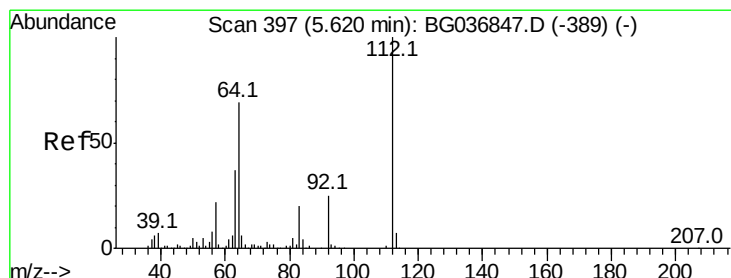
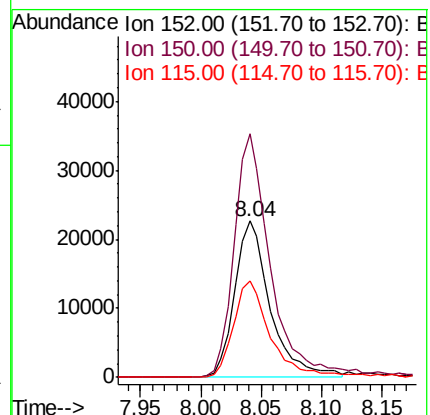
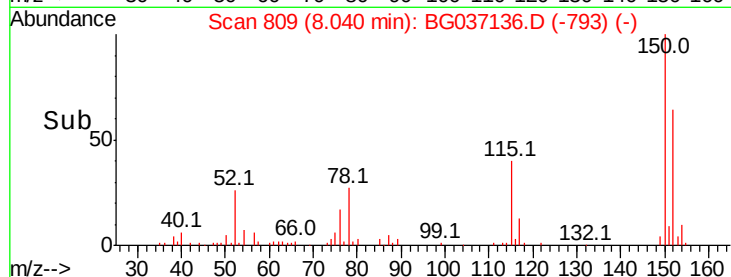
115 61.7 44.5 66.7



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: 135.663 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037136.D

Acq: 3 Oct 2018 16:45

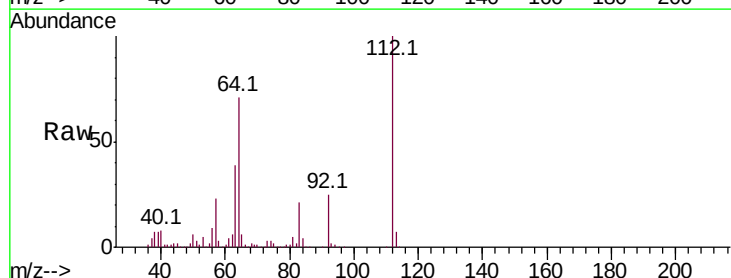
Tgt Ion:112 Resp: 329456

Ion Ratio Lower Upper

112 100

64 71.4 57.2 85.8

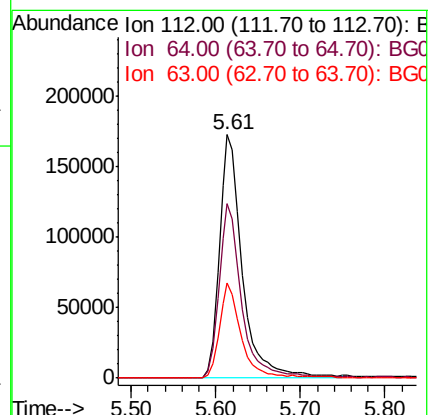
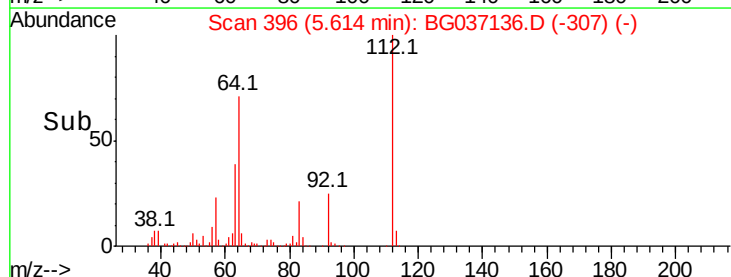
63 39.2 30.8 46.2

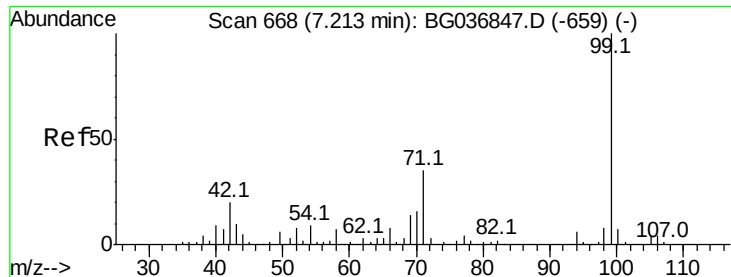


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 120.734 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037136.D

Acq: 3 Oct 2018 16:45

Instrument :

BNA_G

ClientSampled :

CG-SOIL-2

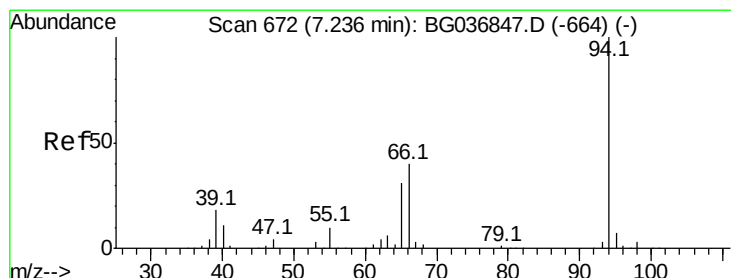
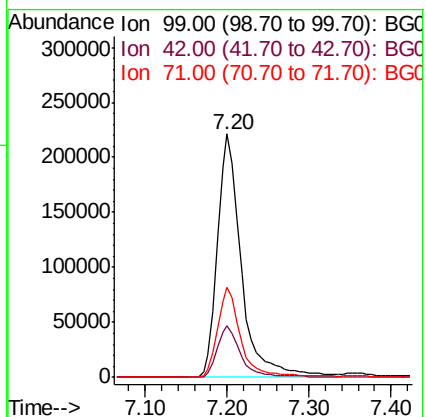
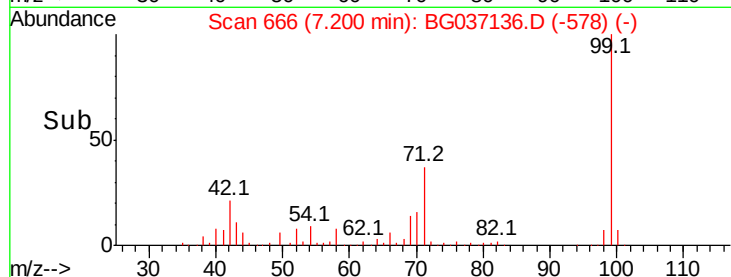
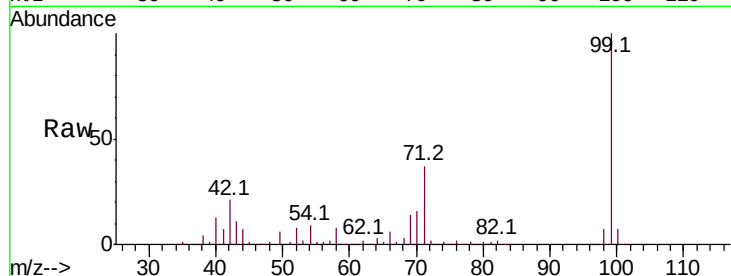
Tot Ion: 99 Resp: 453629

Ion Ratio Lower Upper

99 100

42 21.2 16.5 24.7

71 37.1 29.4 44.2



#10

Phenol

Concen: 2.455 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037136.D

Acq: 3 Oct 2018 16:45

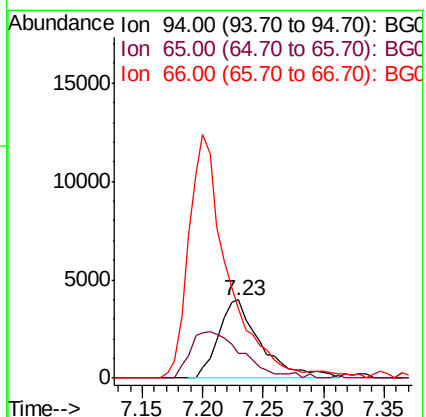
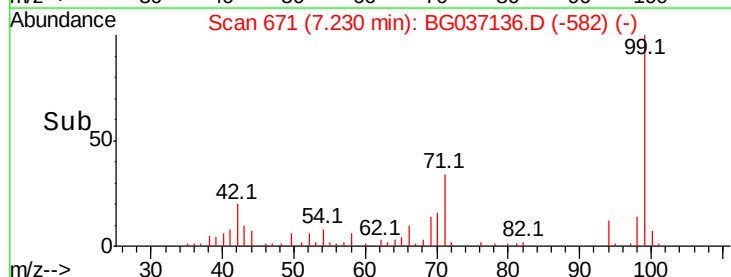
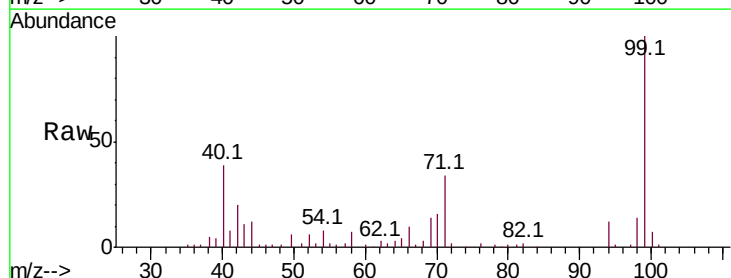
Tgt Ion: 94 Resp: 9518

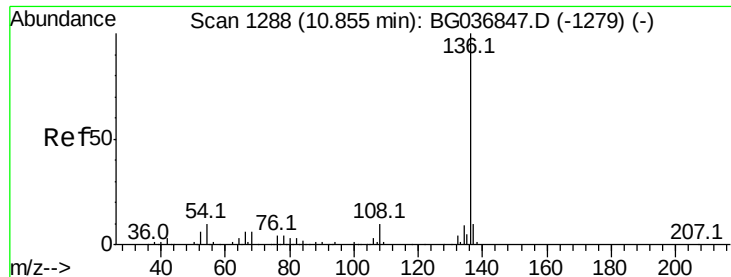
Ion Ratio Lower Upper

94 100

65 31.9 11.5 51.5

66 88.9 19.5 59.5#

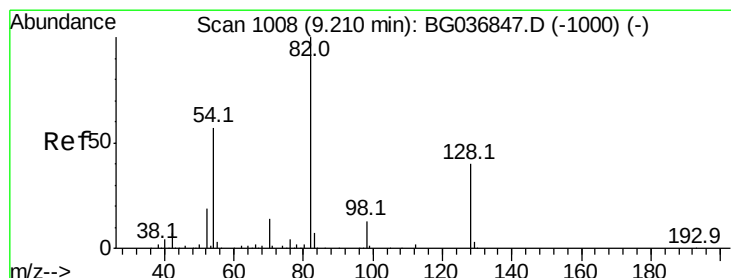
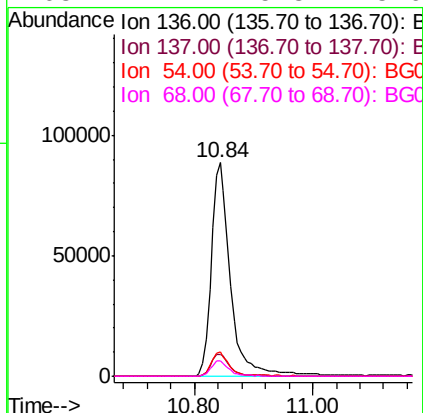
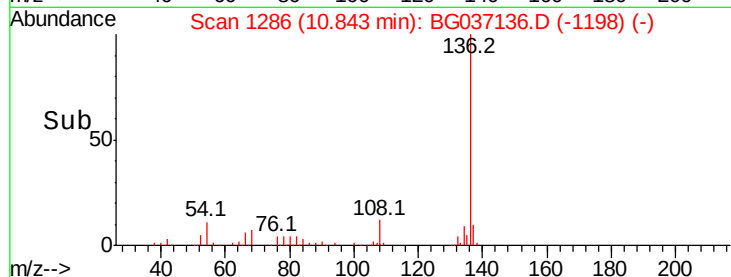
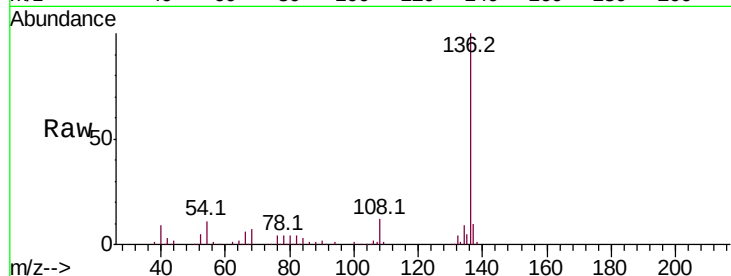




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

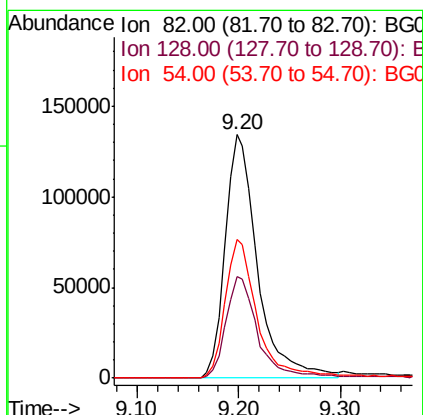
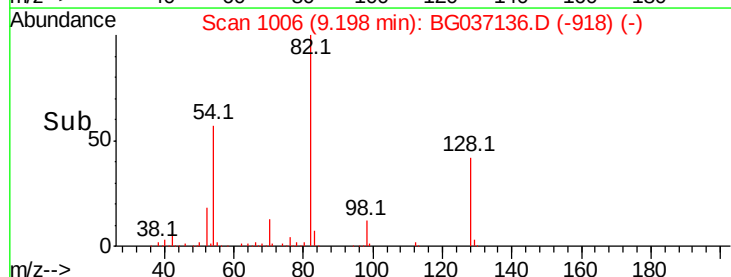
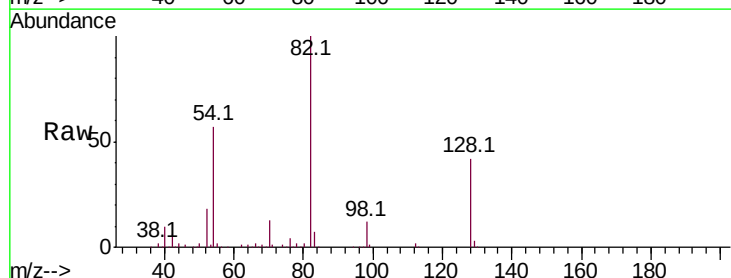
Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2

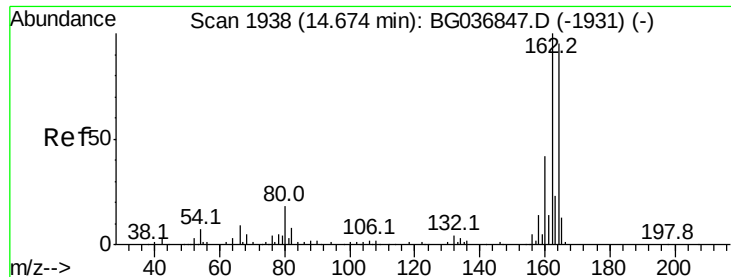
Tot Ion:136	Resp:	200428
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.8	13.2
54 11.3	9.2	13.8
68 7.1	5.8	8.6



#23
Nitrobenzene-d5
Concen: 79.354 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

Tgt Ion: 82	Resp: 297003
Ion Ratio	Lower Upper
82 100	
128 41.6	33.3 49.9
54 56.7	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037136.D

Acq: 3 Oct 2018 16:45

Instrument :

BNA_G

ClientSampleId :

CG-SOIL-2

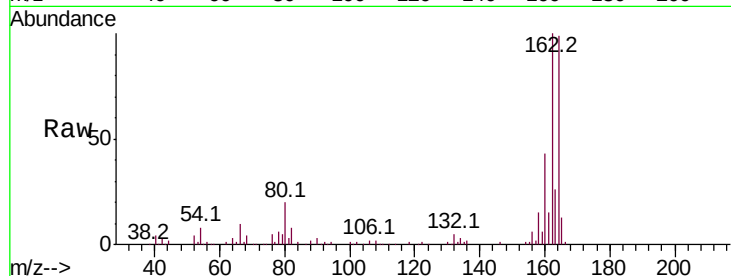
Tot Ion:164 Resp: 120220

Ion Ratio Lower Upper

164 100

162 100.7 80.7 121.1

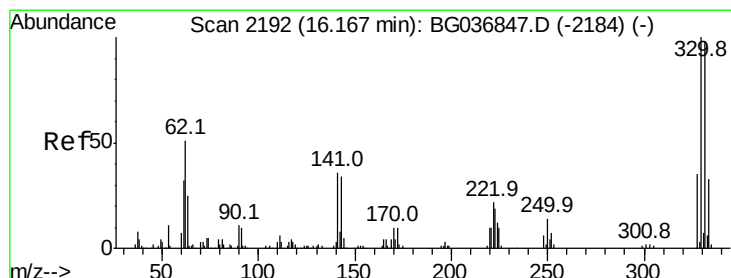
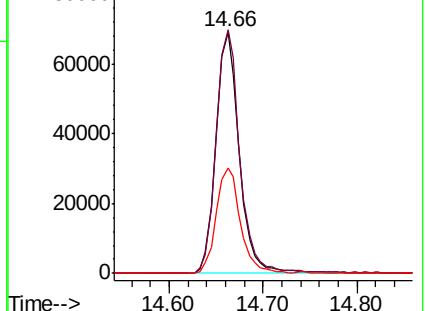
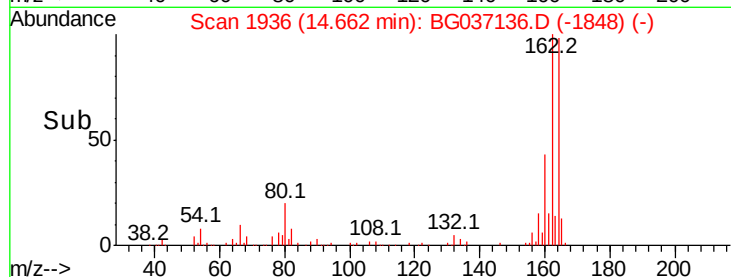
160 43.4 35.3 52.9



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: 100.624 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037136.D

Acq: 3 Oct 2018 16:45

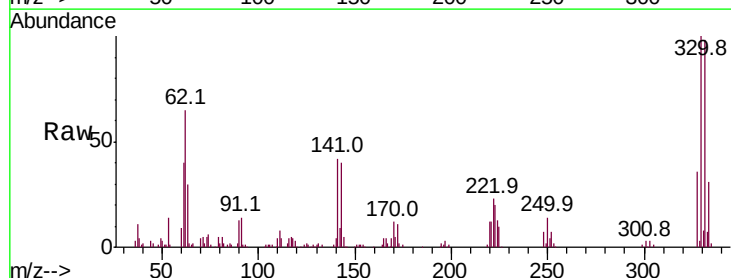
Tgt Ion:330 Resp: 144733

Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.2

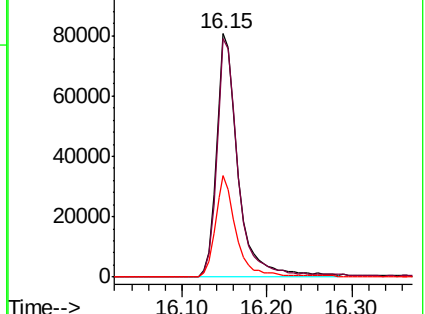
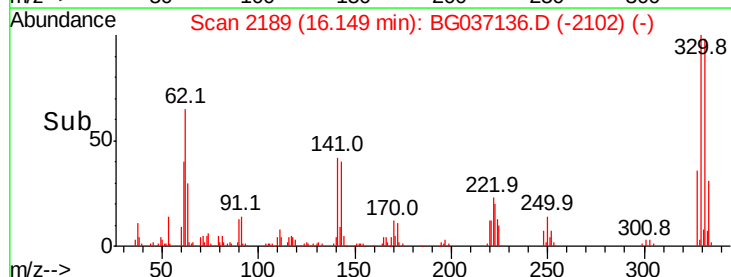
141 40.6 30.7 46.1

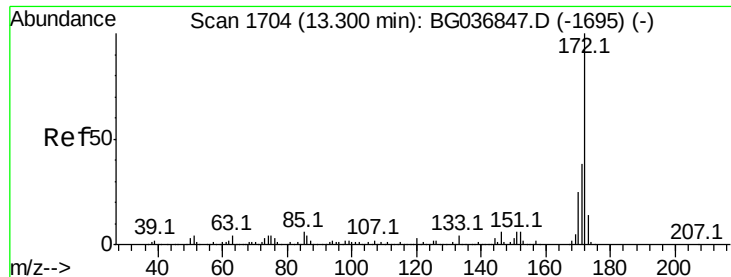


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

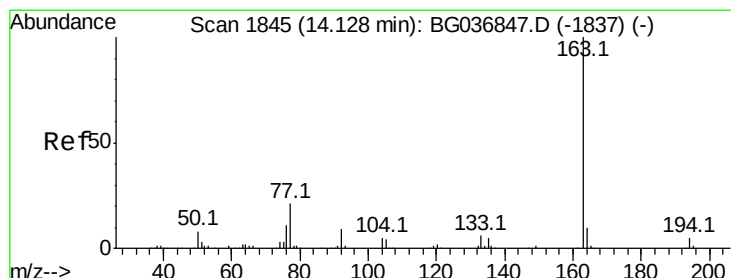
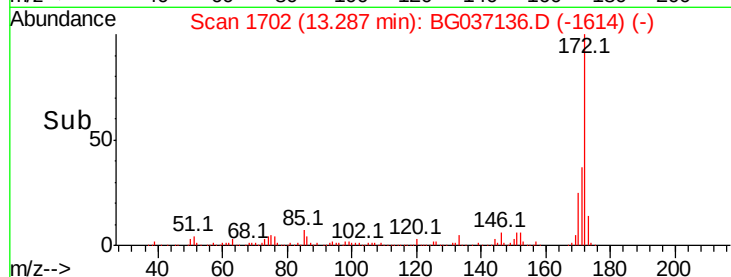
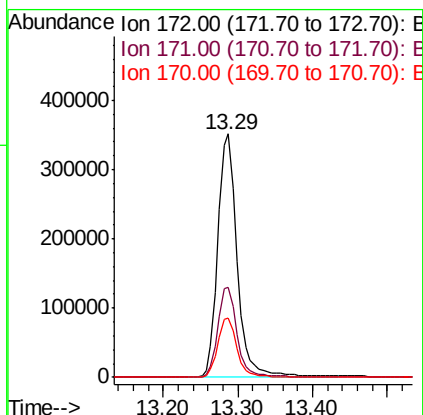
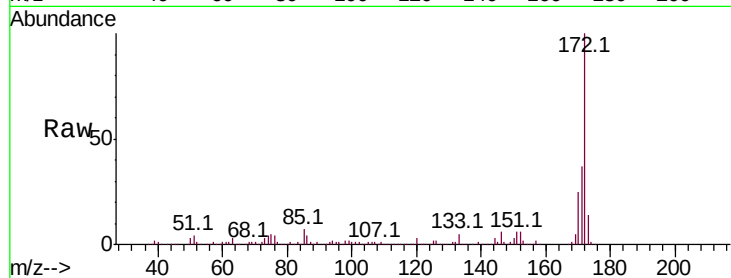




#44
2-Fluorobiphenyl
Concen: 78.977 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

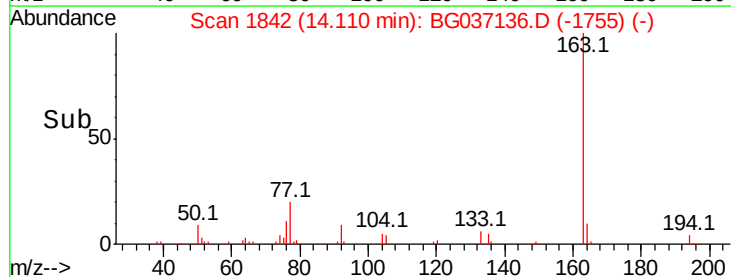
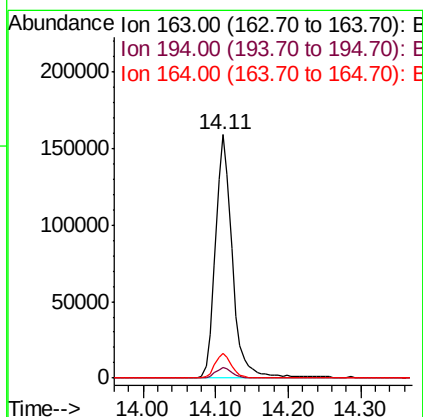
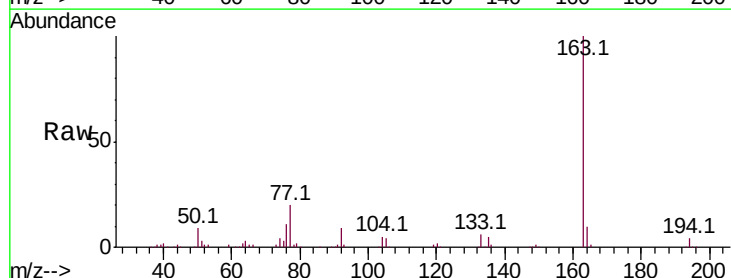
Instrument :
BNA_G
ClientSampleId :
CG-SOIL-2

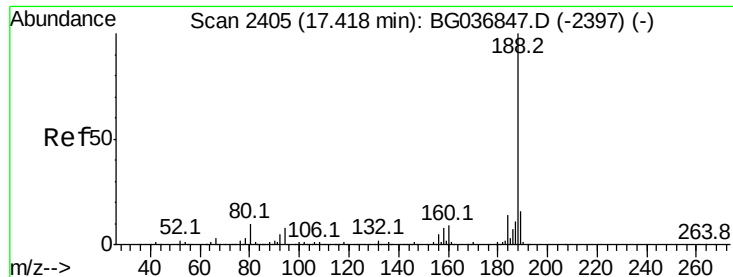
Tot Ion:172 Resp: 637485
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 24.6 21.0 31.6



#49
Dimethylphthalate
Concen: 26.847 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

Tgt Ion:163 Resp: 259791
Ion Ratio Lower Upper
163 100
194 4.5 4.0 6.0
164 9.9 8.1 12.1

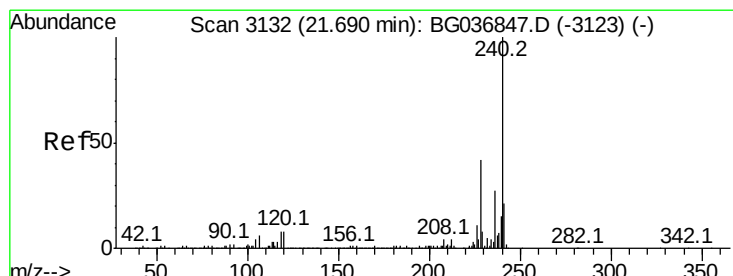
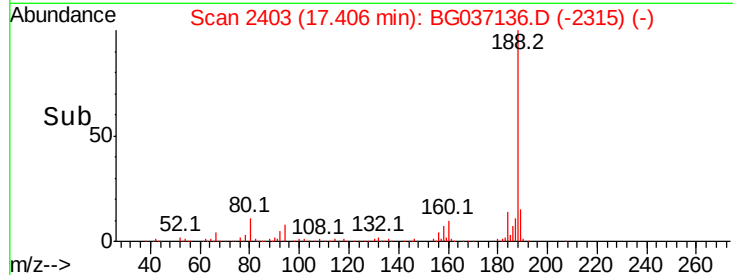
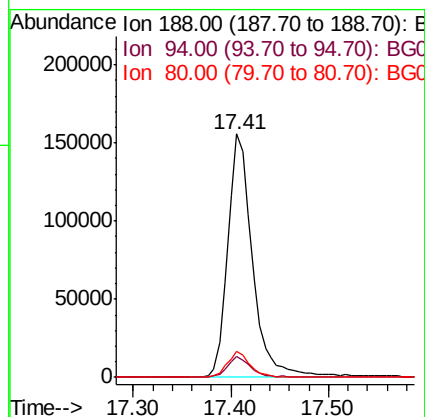
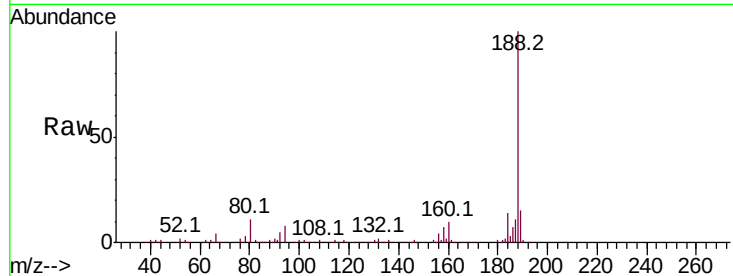




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

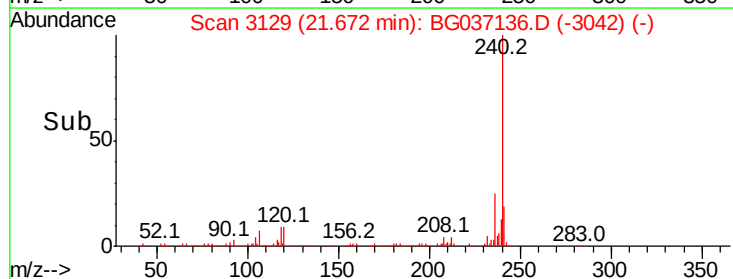
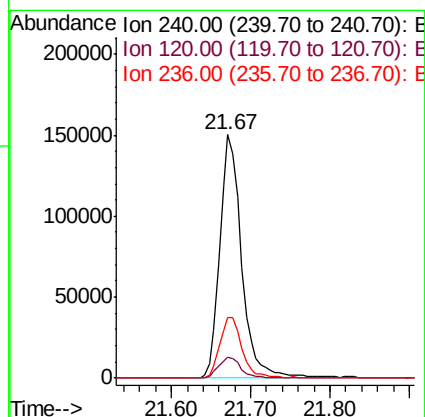
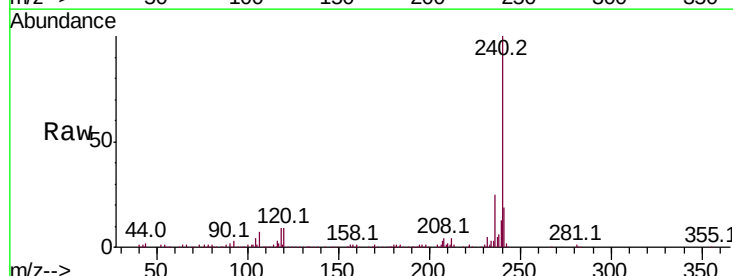
Instrument :
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ClientSampleId :
CG-SOIL-2

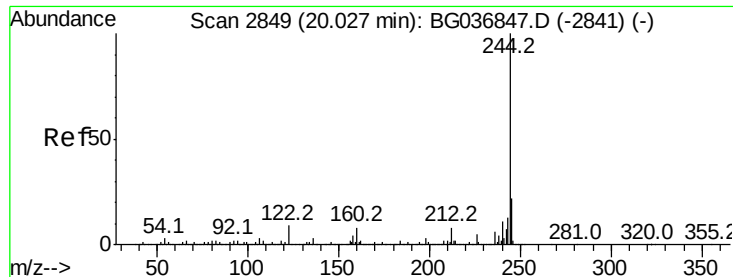
Tot Ion:188 Resp: 274406
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 10.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

Tgt Ion:240 Resp: 286866
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.1 21.2 31.8

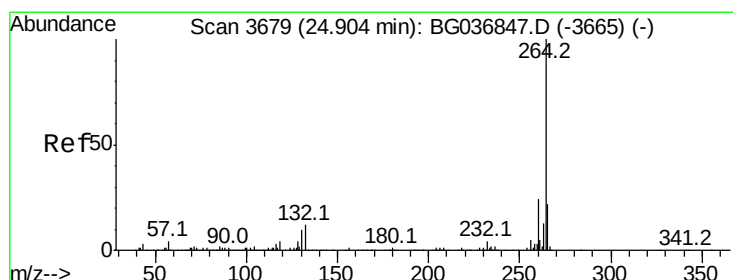
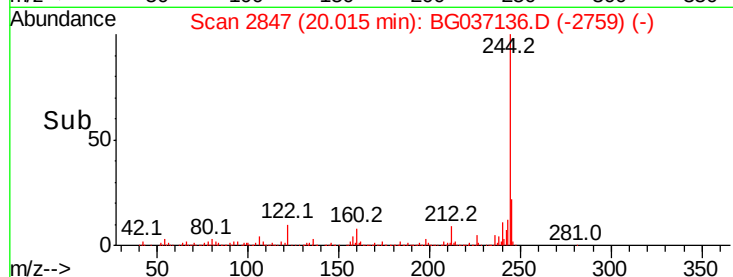
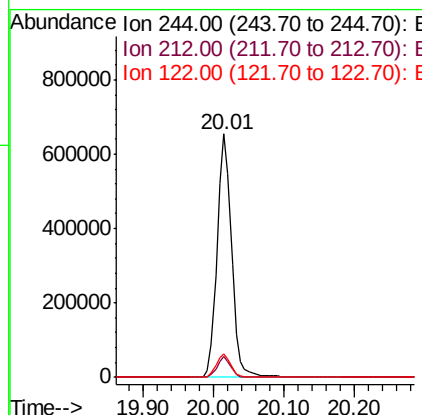
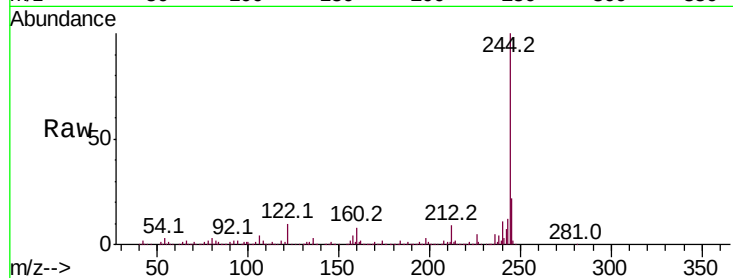




#78
 Terphenyl-d14
 Concen: 86.271 ng
 RT: 20.01 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037136.D
 Acq: 3 Oct 2018 16:45

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.6	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3674
 Delta R.T. -0.03 min
 Lab File: BG037136.D
 Acq: 3 Oct 2018 16:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.9	17.4	26.0

