

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037647.D
 Acq On : 30 Oct 2018 10:50
 Operator : JU/SJ
 Sample : J5696-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-02

Quant Time: Oct 30 12:04:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

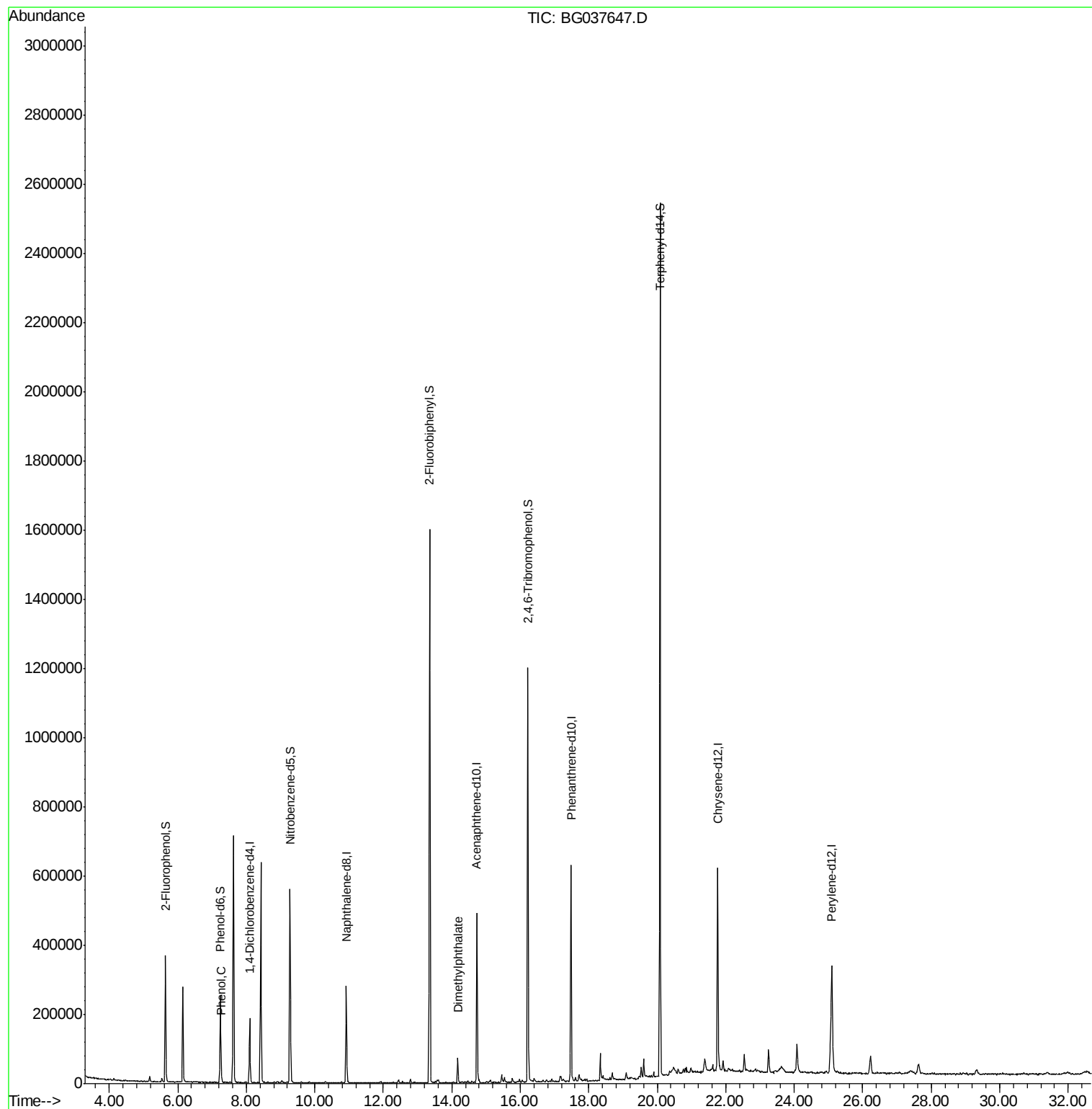
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54645	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	253917	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	172813	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	397991	20.00	ng	0.00
76) Chrysene-d12	21.77	240	361599	20.00	ng	0.00
87) Perylene-d12	25.10	264	358975	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	176696	54.06	ng	0.00
7) Phenol-d6	7.24	99	158028	31.97	ng	0.00
23) Nitrobenzene-d5	9.28	82	365298	80.59	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	226429	120.13	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	908454	79.27	ng	-0.01
79) Terphenyl-d14	20.08	244	1271660	75.15	ng	0.00
Target Compounds						
10) Phenol	7.27	94	22157	4.249	ng	94
50) Dimethylphthalate	14.18	163	52670	3.940	ng	99

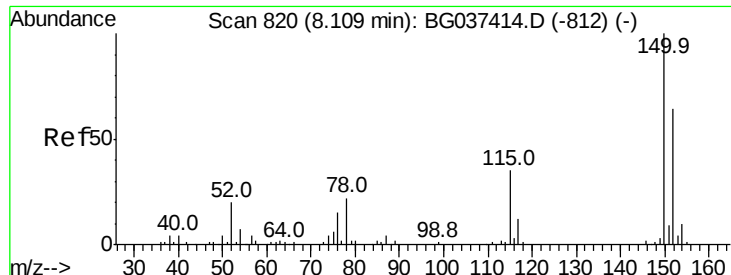
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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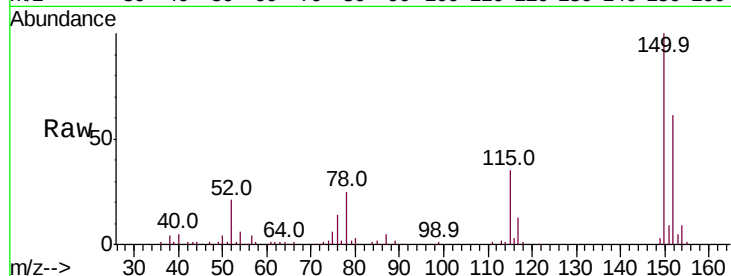


#1

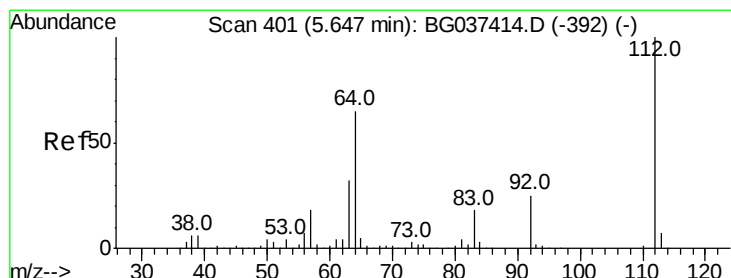
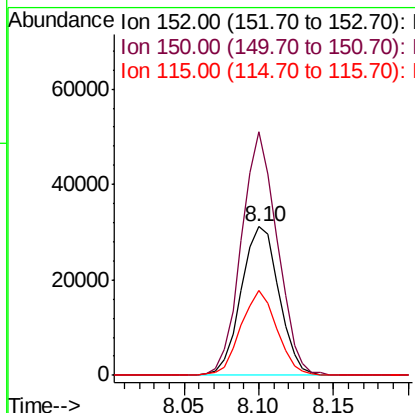
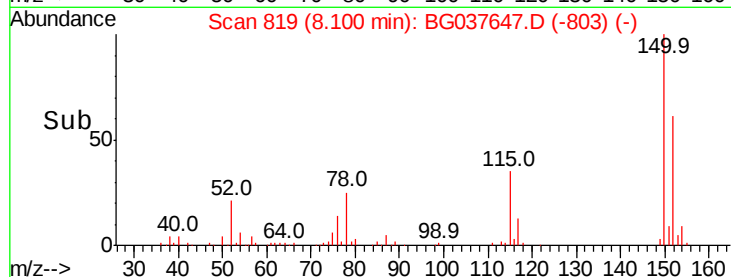
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037647.D
Acq: 30 Oct 2018 10:50

Instrument :
BNA_G
ClientSampleId :
DL-SW-02

Tot Ion:152 Resp: 54645
Ion Ratio Lower Upper
152 100
150 163.6 126.0 189.0
115 57.0 45.5 68.3



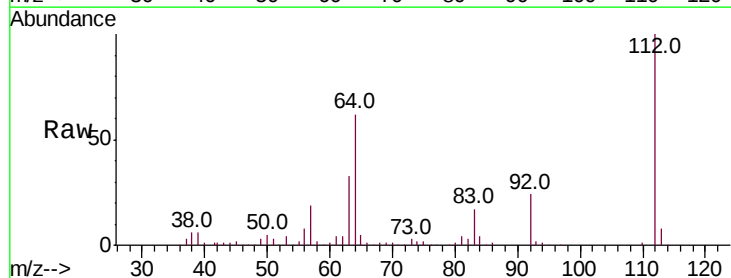
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



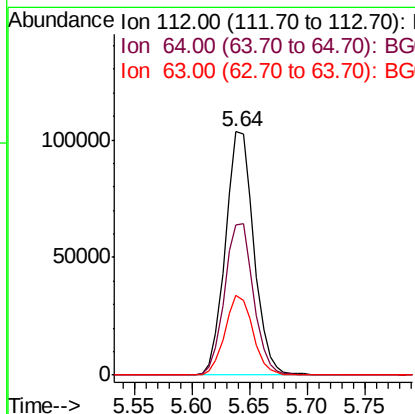
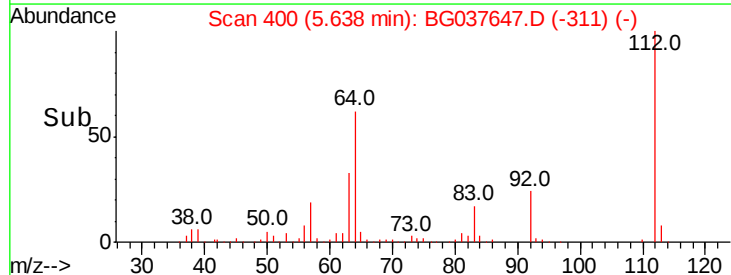
#5

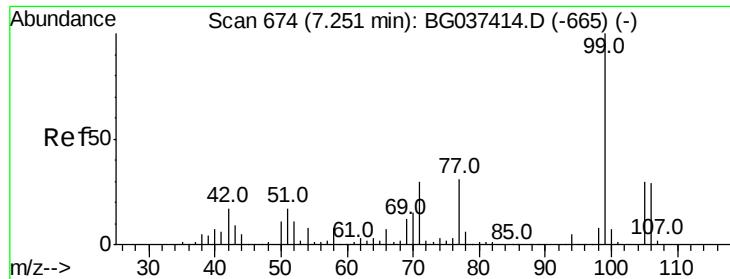
2-Fluorophenol
Concen: 54.060 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037647.D
Acq: 30 Oct 2018 10:50

Tgt Ion:112 Resp: 176696
Ion Ratio Lower Upper
112 100
64 61.8 53.1 79.7
63 32.9 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: 31.974 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

DL-SW-02

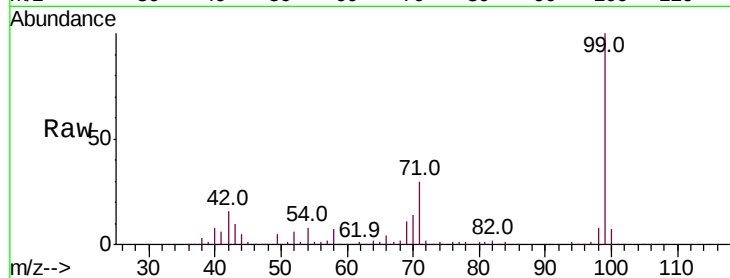
Tot Ion: 99 Resp: 158028

Ion Ratio Lower Upper

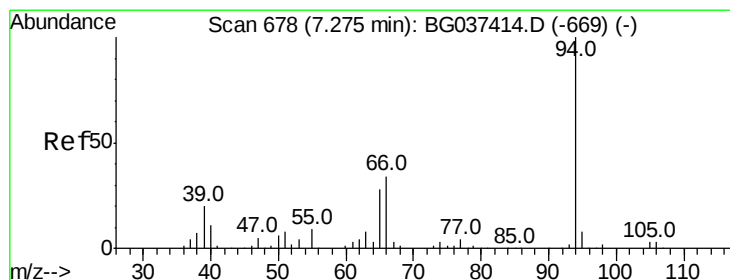
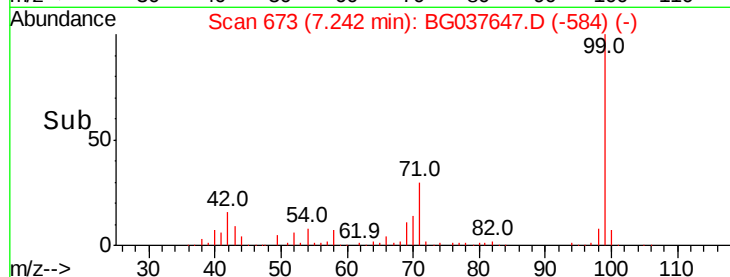
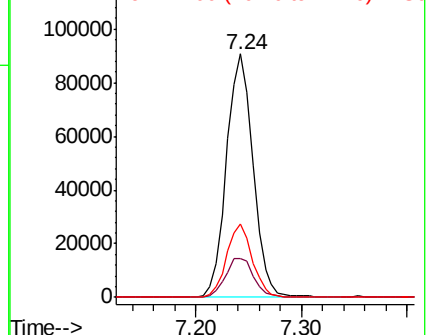
99 100

42 16.1 15.0 22.4

71 30.0 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: 4.249 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

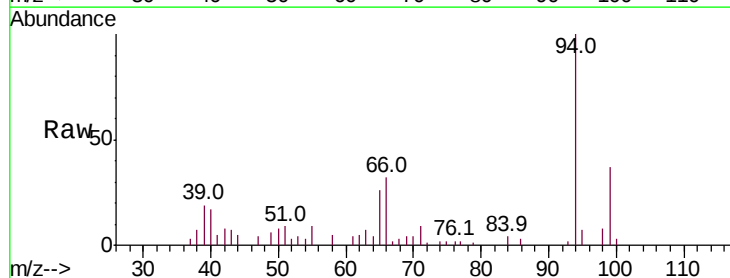
Tgt Ion: 94 Resp: 22157

Ion Ratio Lower Upper

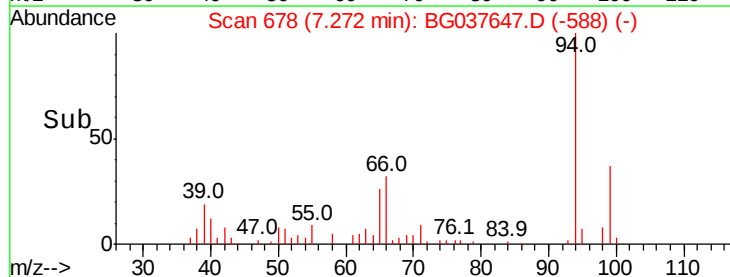
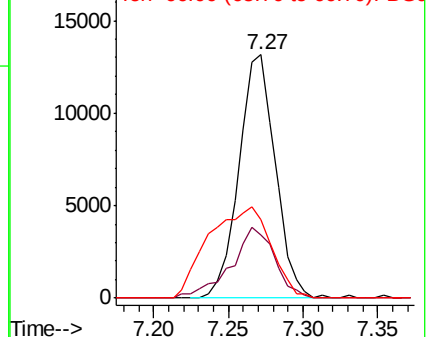
94 100

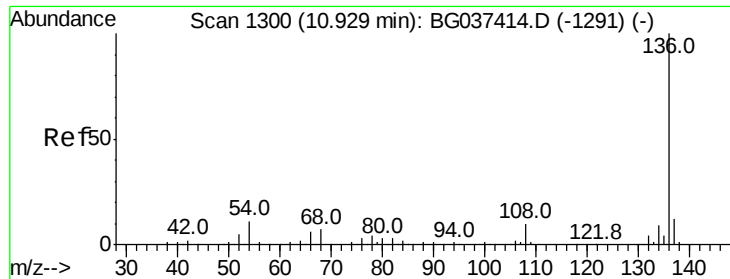
65 26.2 9.7 49.7

66 32.3 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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

DL-SW-02

Tot Ion:136 Resp: 253917

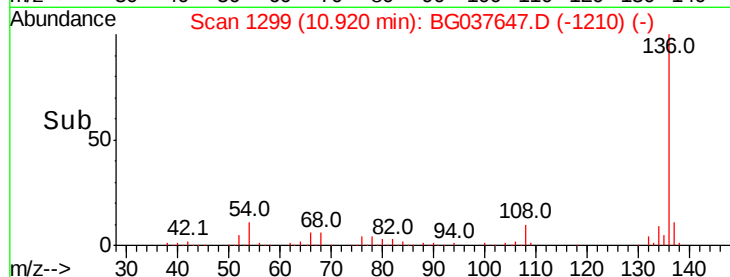
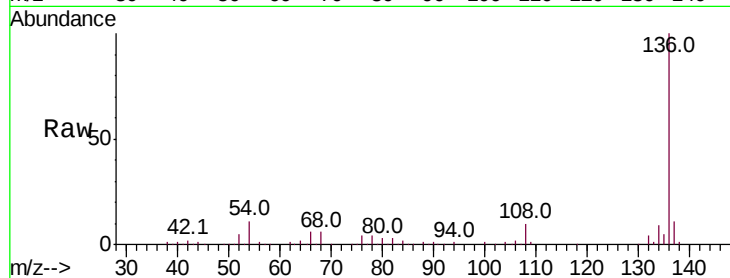
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 10.6 7.9 11.9

68 5.8 4.8 7.2

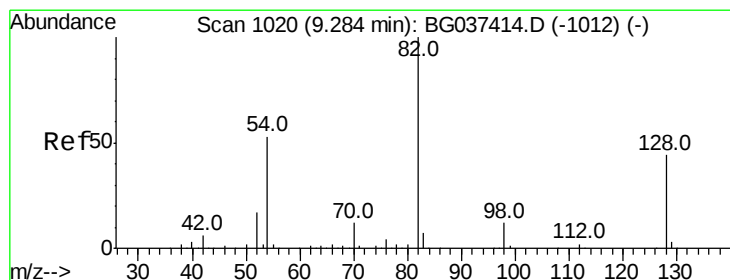
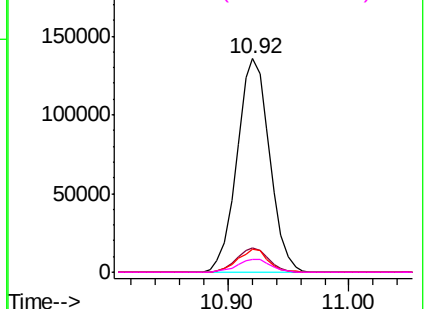


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.592 ng

RT: 9.28 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

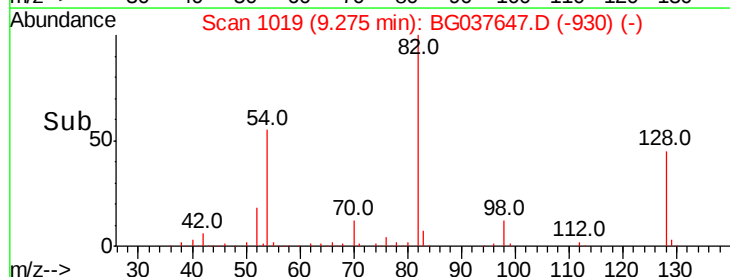
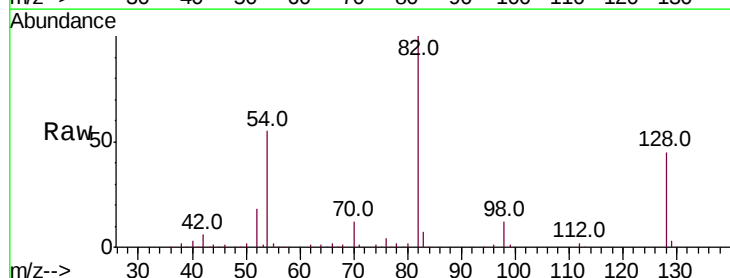
Tgt Ion: 82 Resp: 365298

Ion Ratio Lower Upper

82 100

128 44.7 34.6 51.8

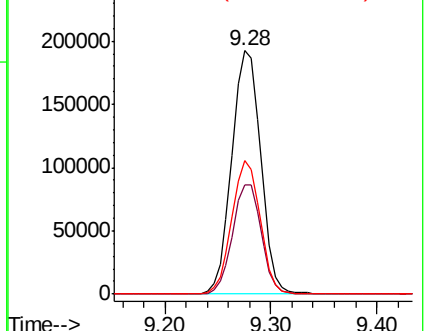
54 54.8 45.3 67.9

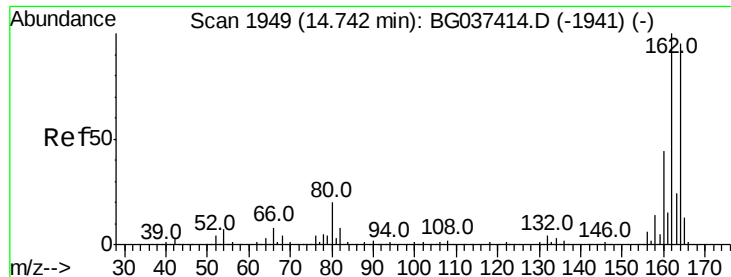


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

DL-SW-02

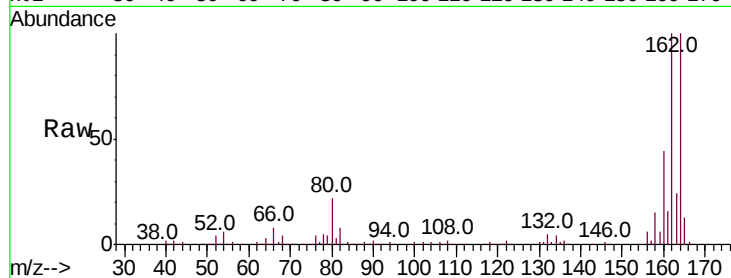
Tot Ion:164 Resp: 172813

Ion Ratio Lower Upper

164 100

162 99.6 81.3 121.9

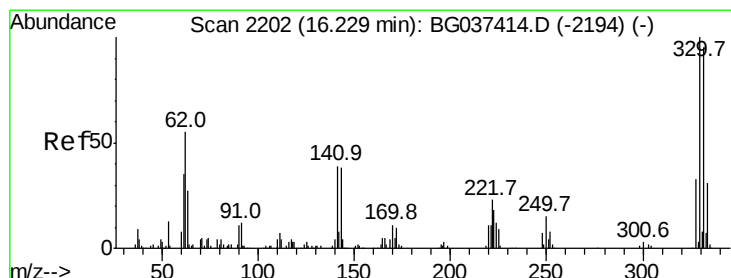
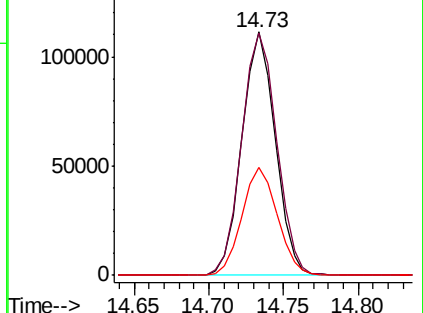
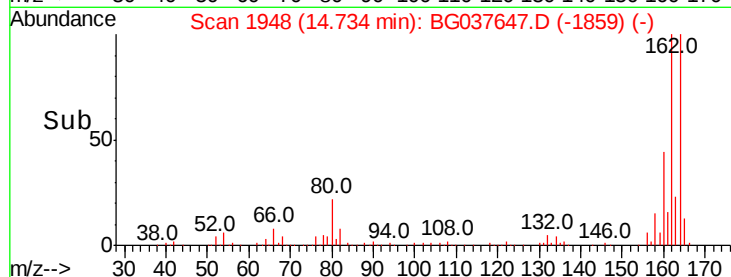
160 44.1 36.3 54.5



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: 120.131 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

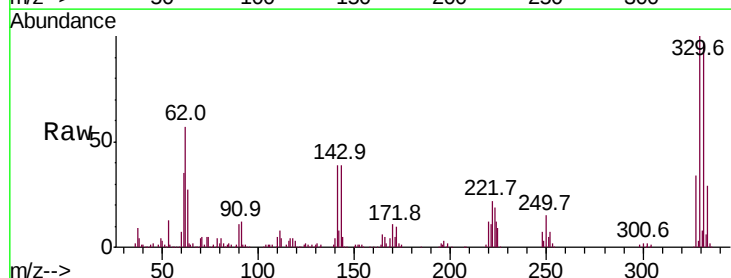
Tgt Ion:330 Resp: 226429

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

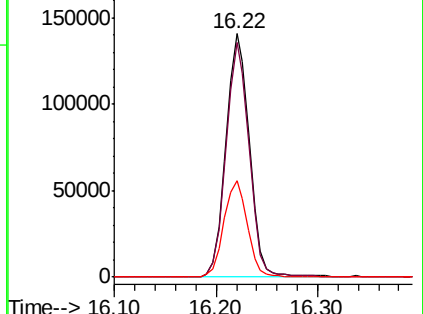
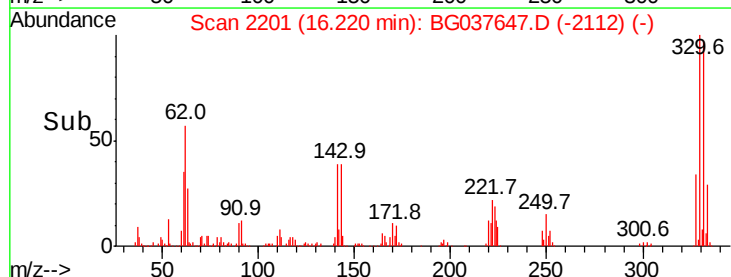
141 39.5 32.2 48.2

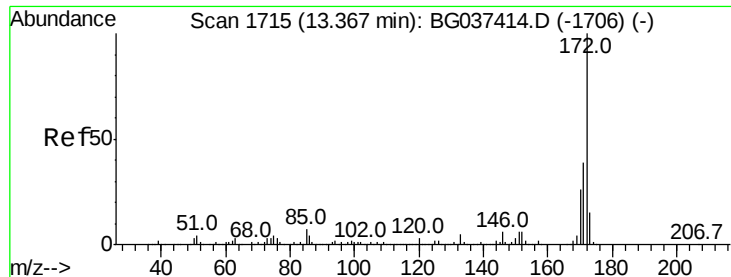


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



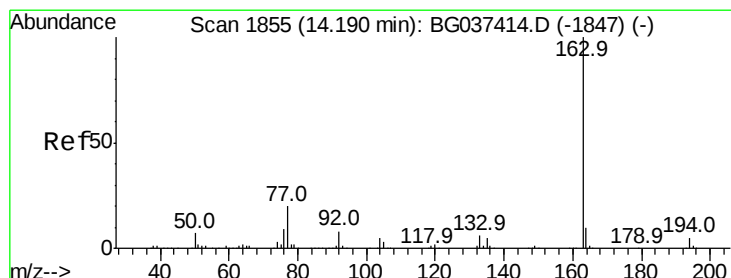
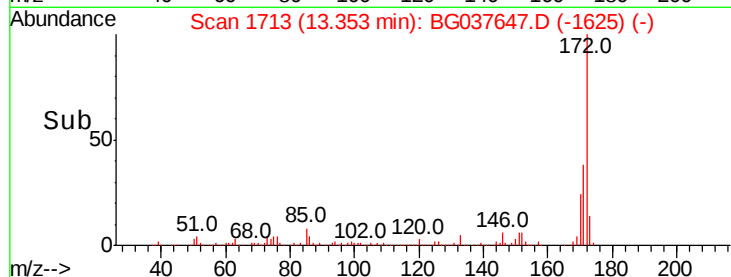
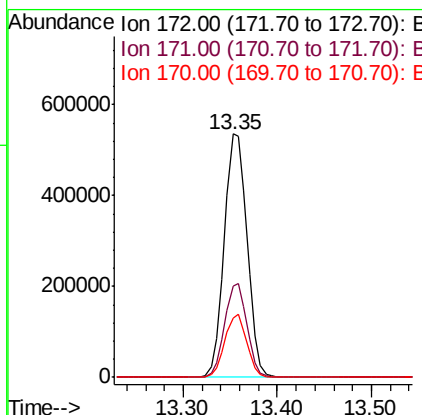
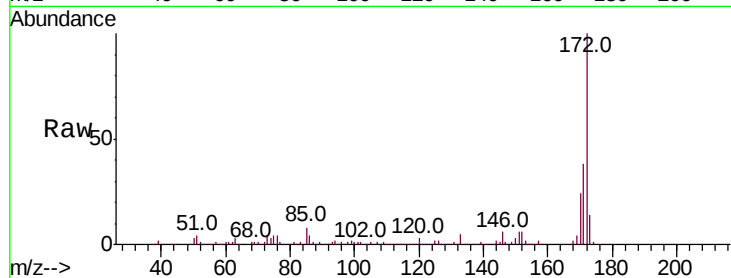


#45
 2-Fluorobiphenyl
 Concen: 79.271 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037647.D
 Acq: 30 Oct 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 DL-SW-02

Tot Ion:172 Resp: 908454

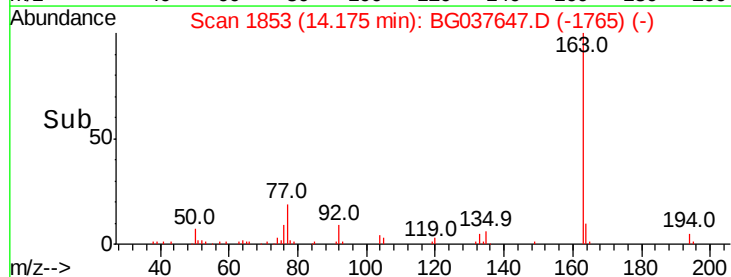
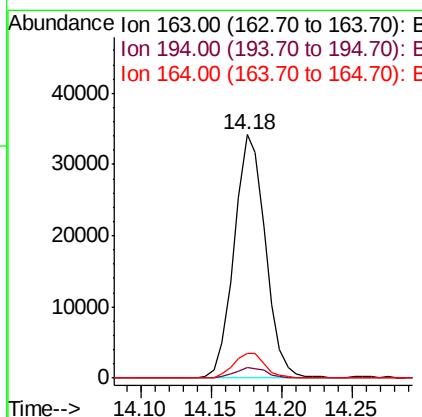
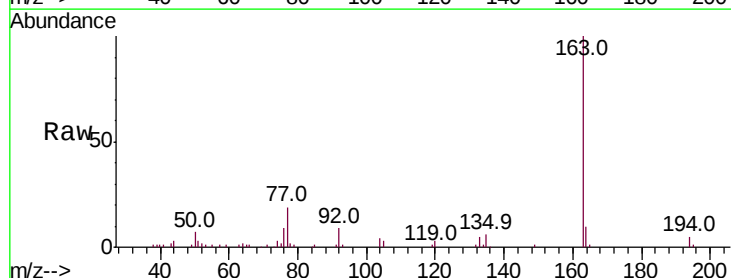
Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.5	20.2	30.2

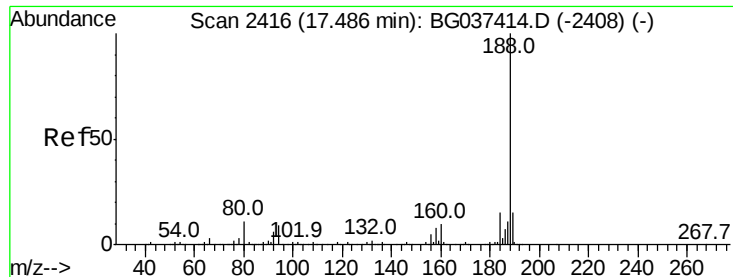


#50
 Dimethylphthalate
 Concen: 3.940 ng
 RT: 14.18 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG037647.D
 Acq: 30 Oct 2018 10:50

Tgt Ion:163 Resp: 52670

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.4	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

DL-SW-02

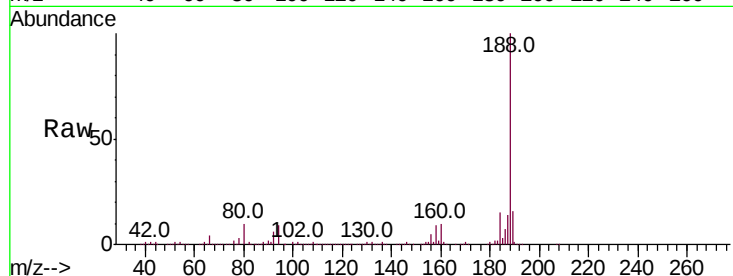
Tot Ion:188 Resp: 397991

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

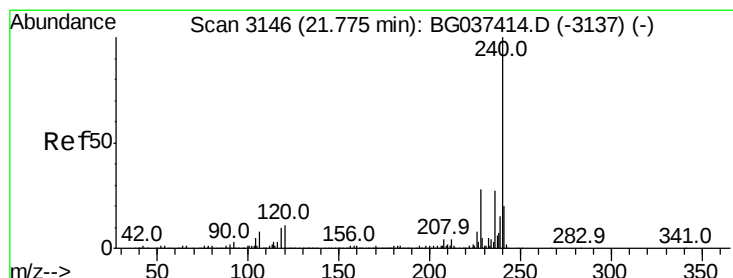
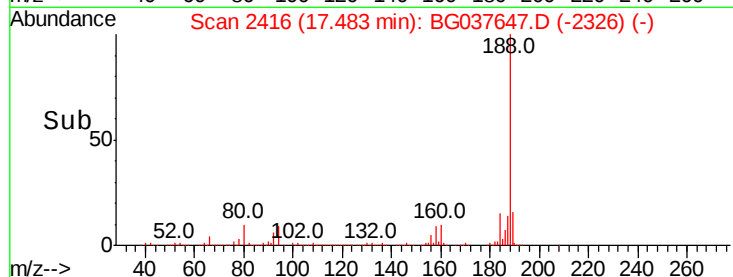
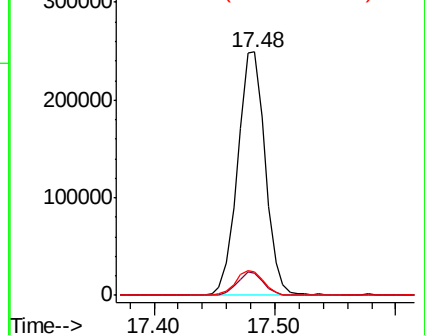
80 9.7 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

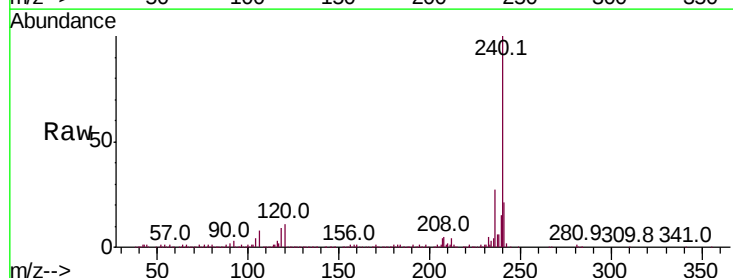
Tgt Ion:240 Resp: 361599

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

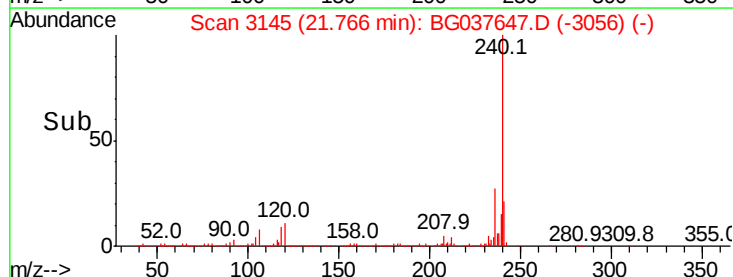
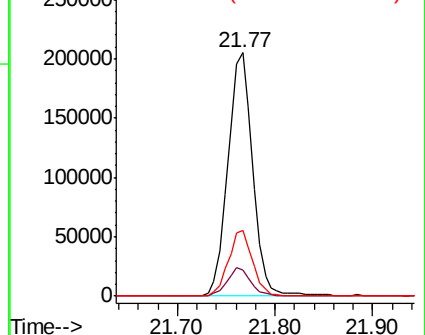
236 26.9 21.4 32.0

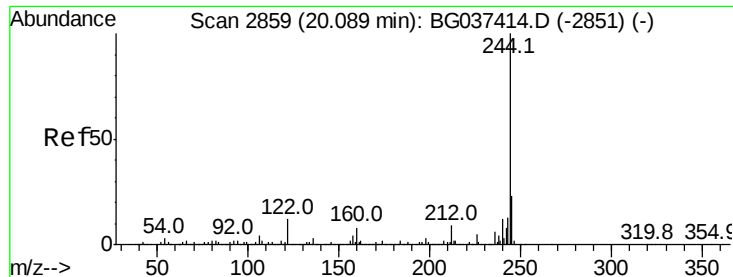


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.145 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

Instrument :

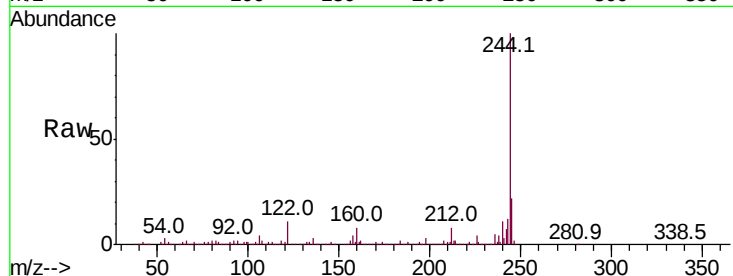
BNA_G

ClientSampleId :

DL-SW-02

Tot Ion:244 Resp: 1271660

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.4	9.0	13.4

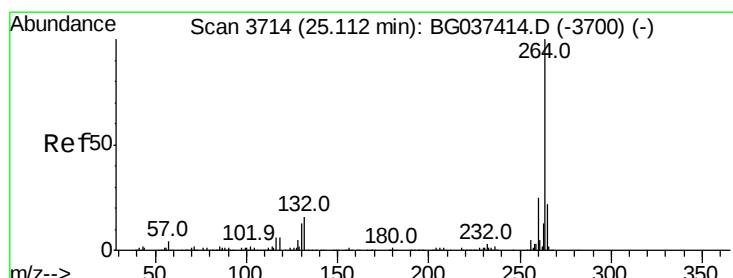
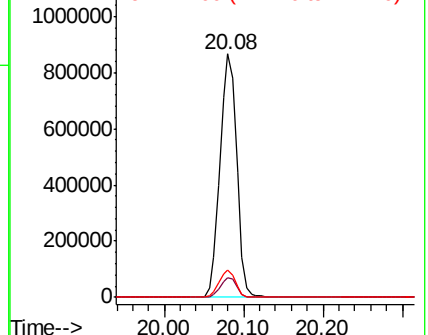
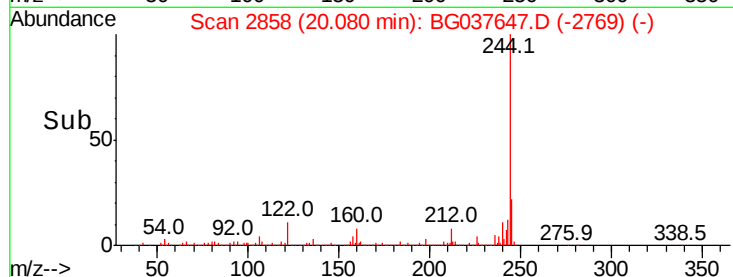


Abundance

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: 25.10 min Scan# 3712

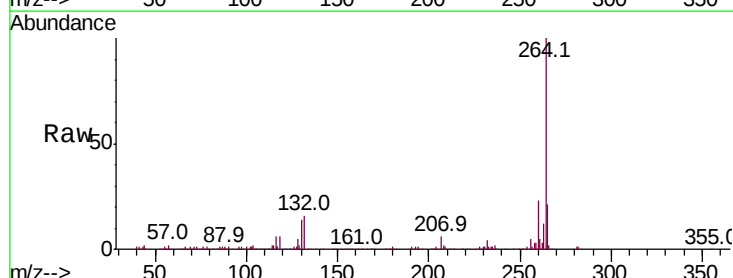
Delta R.T. -0.01 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

Tgt Ion:264 Resp: 358975

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.9	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

