

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037639.D
 Acq On : 30 Oct 2018 1:39
 Operator : JU/SJ
 Sample : J5649-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-01B

Quant Time: Oct 30 05:59:58 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

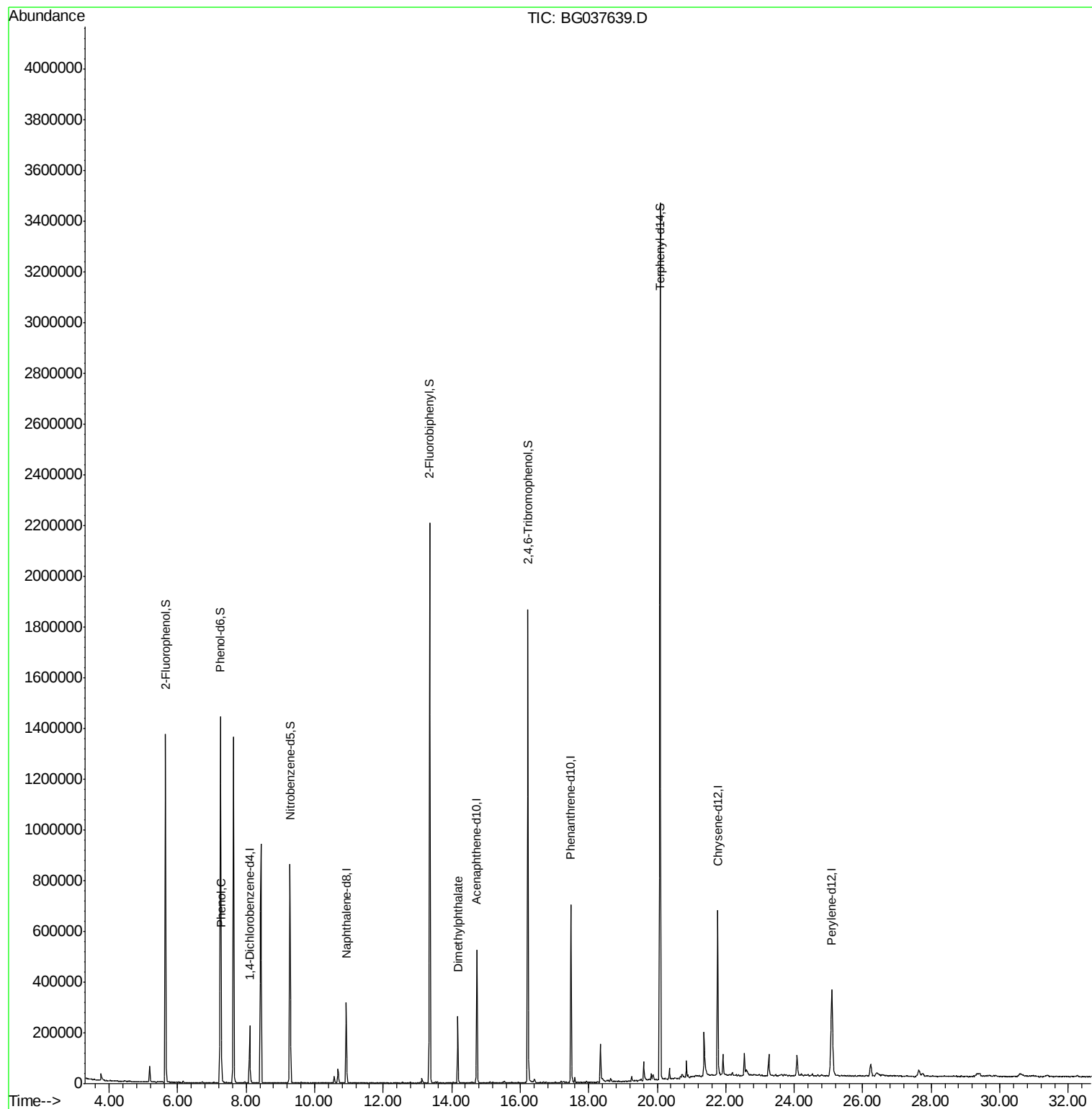
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	67491	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	284997	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	190499	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	441970	20.00	ng	0.00
76) Chrysene-d12	21.76	240	391696	20.00	ng	-0.01
87) Perylene-d12	25.10	264	398374	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	618209	153.14	ng	0.00
7) Phenol-d6	7.25	99	923304	151.25	ng	0.00
23) Nitrobenzene-d5	9.28	82	545179	107.16	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	330713	159.17	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1206411	95.50	ng	-0.01
79) Terphenyl-d14	20.08	244	1640556	89.50	ng	0.00
Target Compounds						
10) Phenol	7.28	94	93409	14.503	ng	Qvalue 100
50) Dimethylphthalate	14.18	163	182649	12.394	ng	99

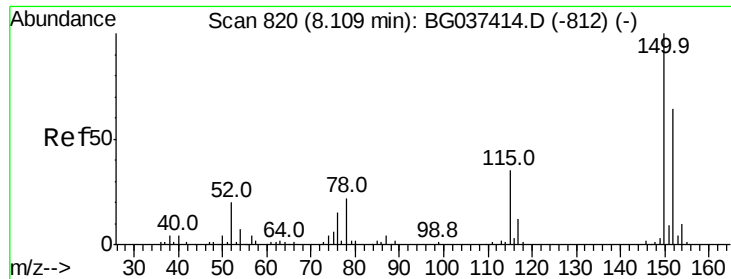
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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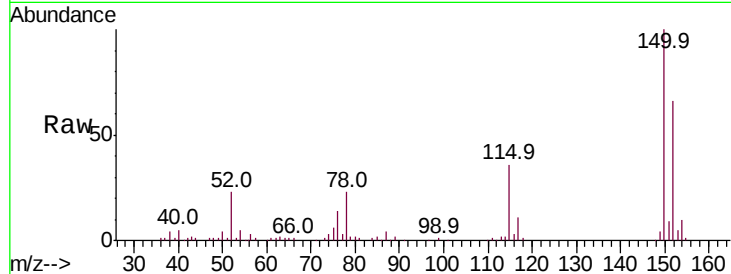


#1

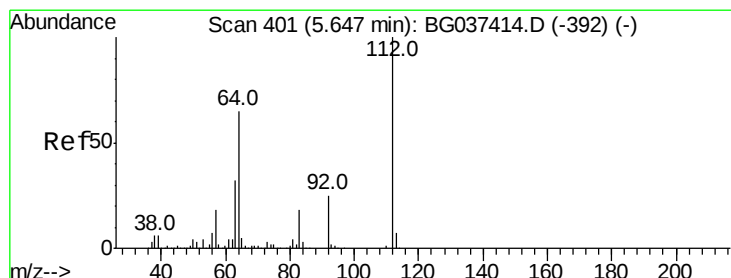
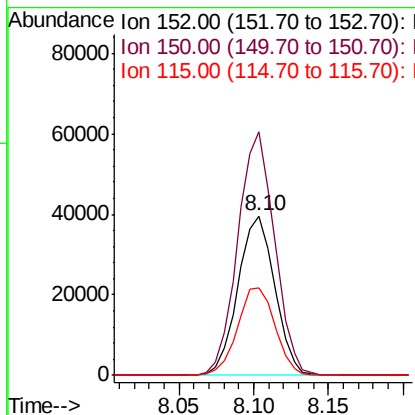
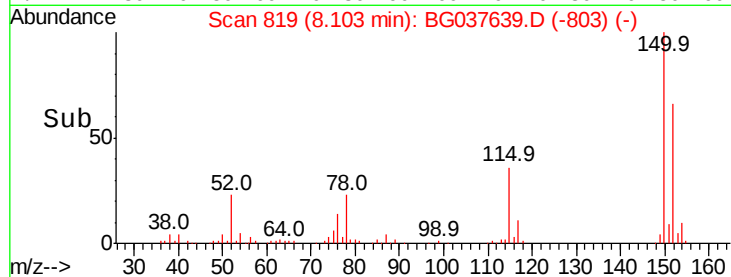
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Instrument :
BNA_G
ClientSampleId :
DL-01B

Tot Ion:152 Resp: 67491
Ion Ratio Lower Upper
152 100
150 152.7 126.0 189.0
115 54.9 45.5 68.3



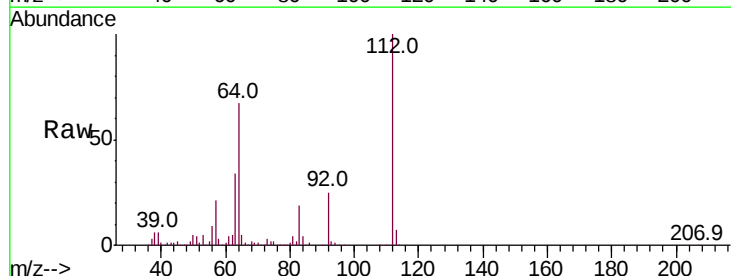
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



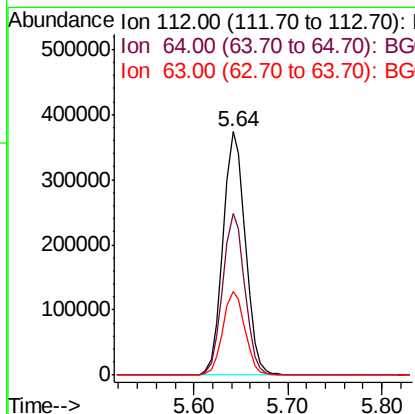
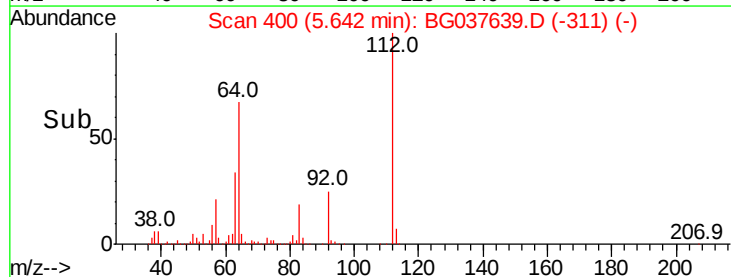
#5

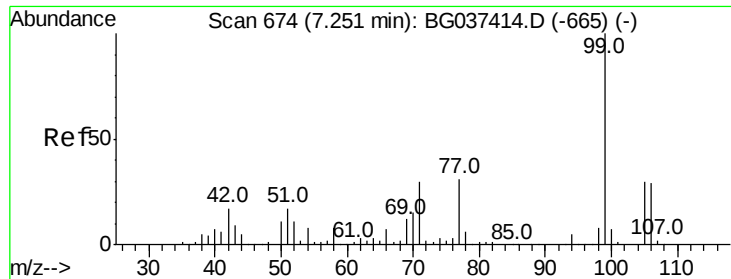
2-Fluorophenol
Concen: 153.140 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Tgt Ion:112 Resp: 618209
Ion Ratio Lower Upper
112 100
64 66.6 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: 151.255 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG037639.D

Acq: 30 Oct 2018 1:39

Instrument :

BNA_G

ClientSampleId :

DL-01B

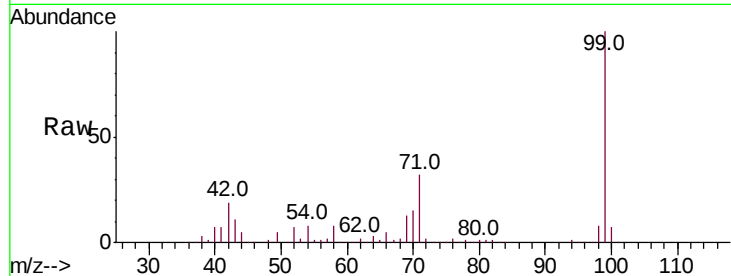
Tot Ion: 99 Resp: 923304

Ion Ratio Lower Upper

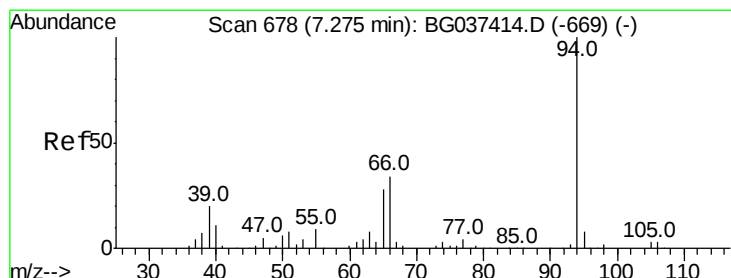
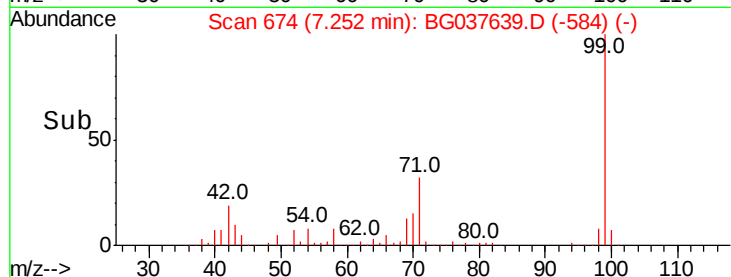
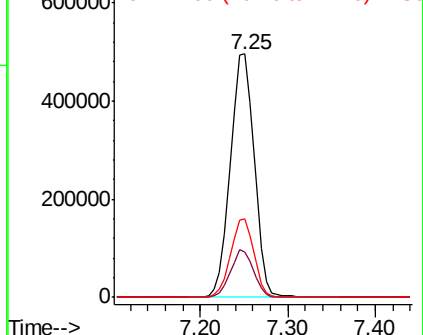
99 100

42 18.7 15.0 22.4

71 32.2 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: 14.503 ng

RT: 7.28 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG037639.D

Acq: 30 Oct 2018 1:39

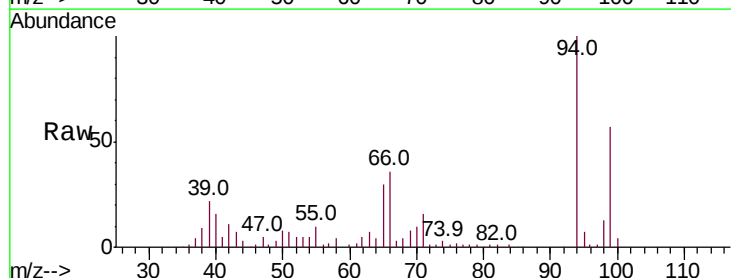
Tgt Ion: 94 Resp: 93409

Ion Ratio Lower Upper

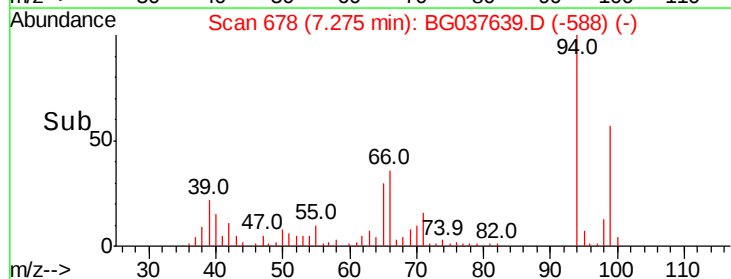
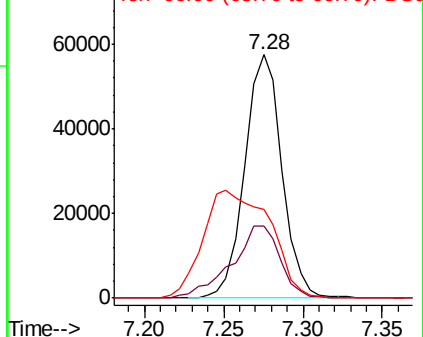
94 100

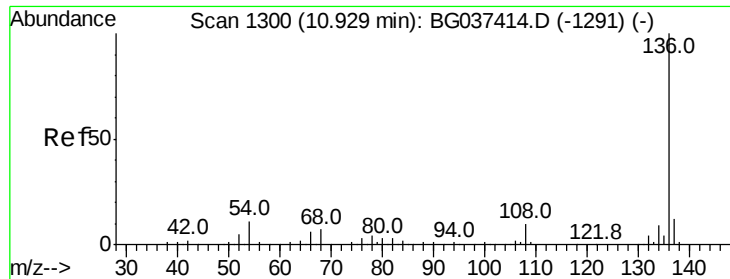
65 29.6 9.7 49.7

66 36.4 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: BG037639.D

Acq: 30 Oct 2018 1:39

Instrument :

BNA_G

ClientSampleId :

DL-01B

Tot Ion:136 Resp: 284997

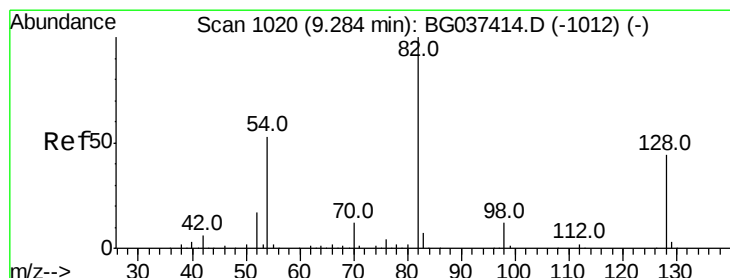
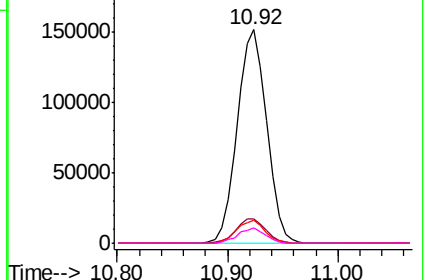
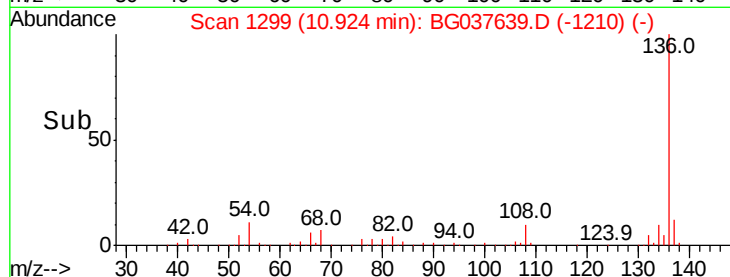
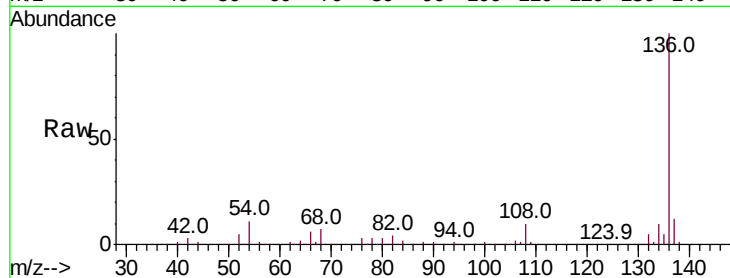
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	11.0	7.9	11.9
68	7.0	4.8	7.2

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: 107.160 ng

RT: 9.28 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG037639.D

Acq: 30 Oct 2018 1:39

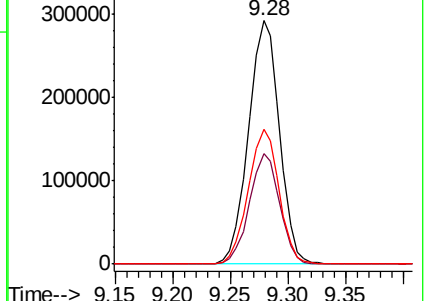
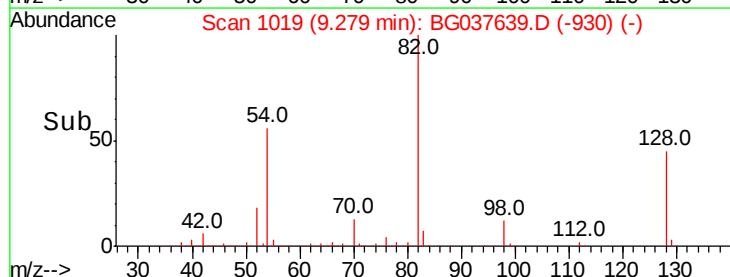
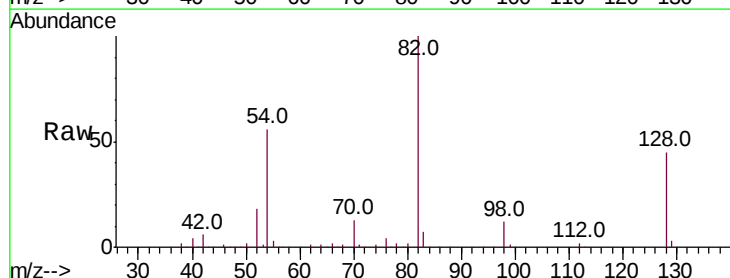
Tgt Ion: 82 Resp: 545179

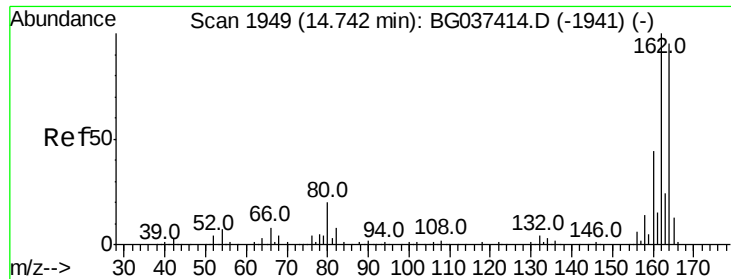
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	51.8
54	55.6	45.3	67.9

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: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037639.D

Acq: 30 Oct 2018 1:39

Instrument :

BNA_G

ClientSampleId :

DL-01B

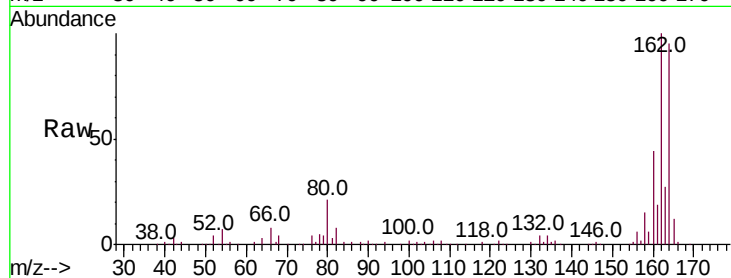
Tot Ion:164 Resp: 190499

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

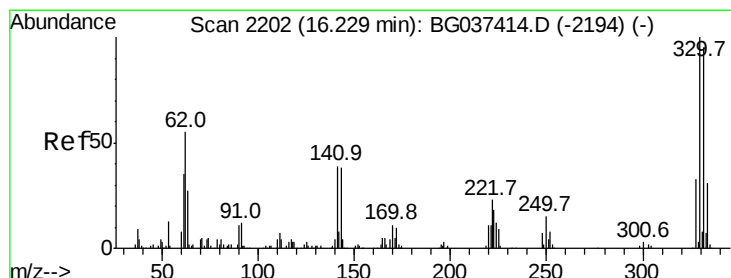
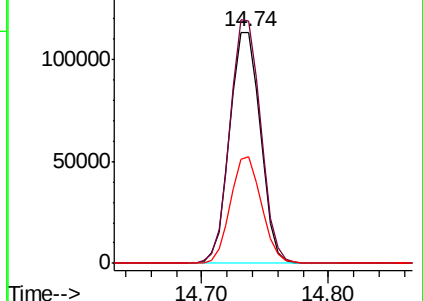
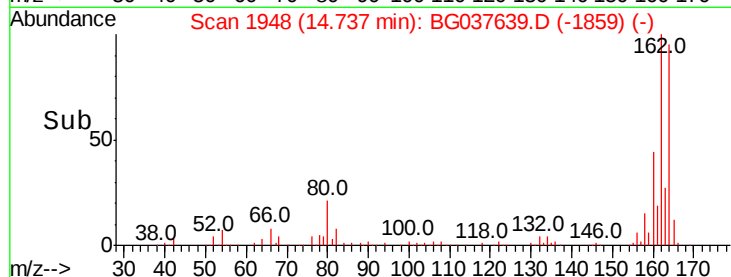
160 46.2 36.3 54.5



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: 159.169 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037639.D

Acq: 30 Oct 2018 1:39

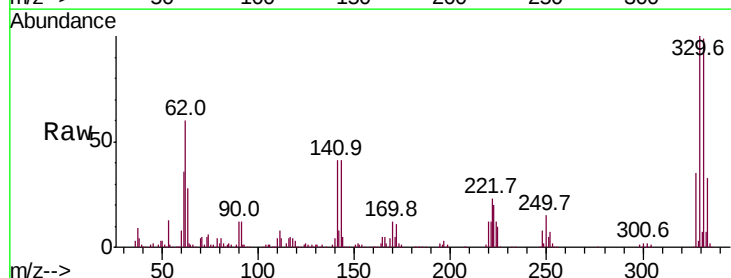
Tgt Ion:330 Resp: 330713

Ion Ratio Lower Upper

330 100

332 96.5 78.4 117.6

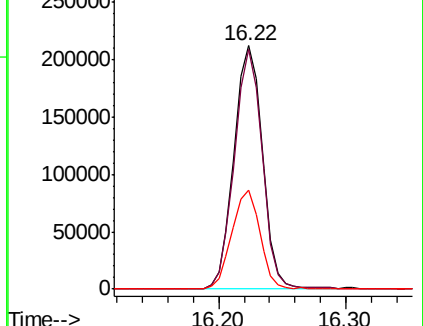
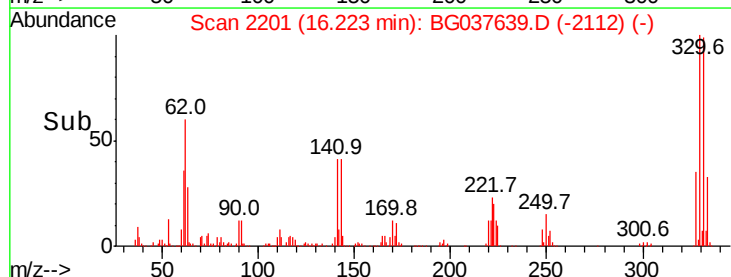
141 40.3 32.2 48.2

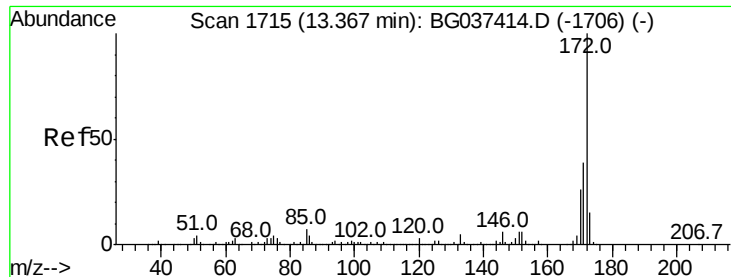


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



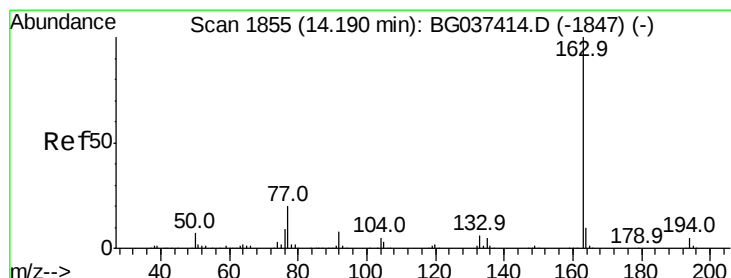
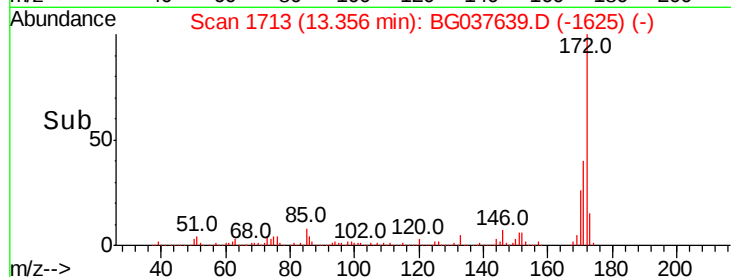
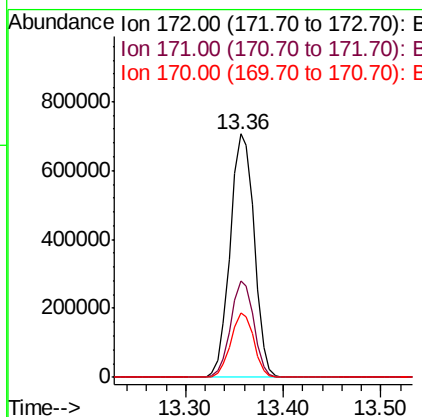
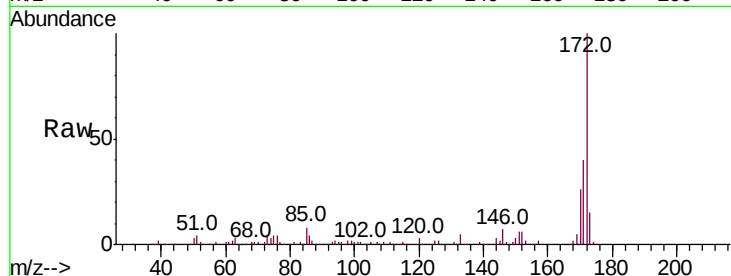


#45
 2-Fluorobiphenyl
 Concen: 95.497 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037639.D
 Acq: 30 Oct 2018 1:39

Instrument :
 BNA_G
 ClientSampleId :
 DL-01B

Tot Ion:172 Resp: 1206411

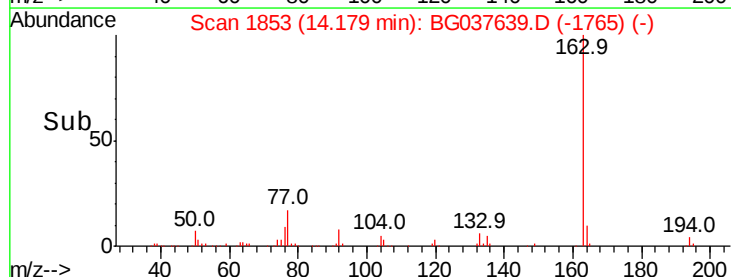
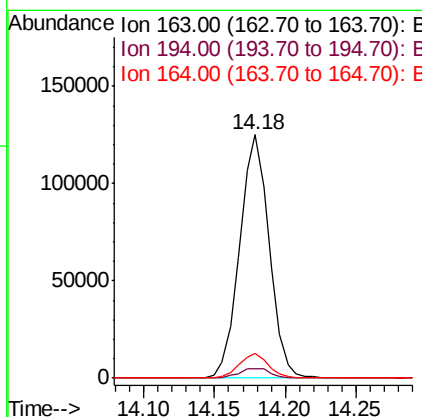
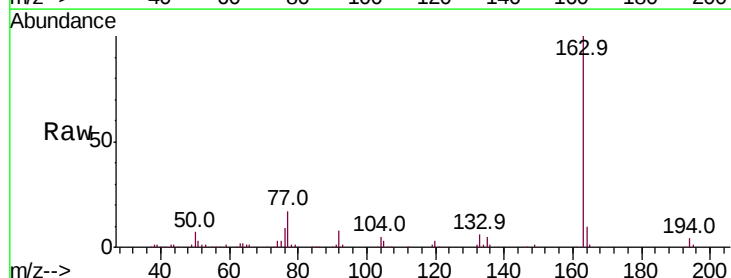
Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.0	46.4
170	26.2	20.2	30.2

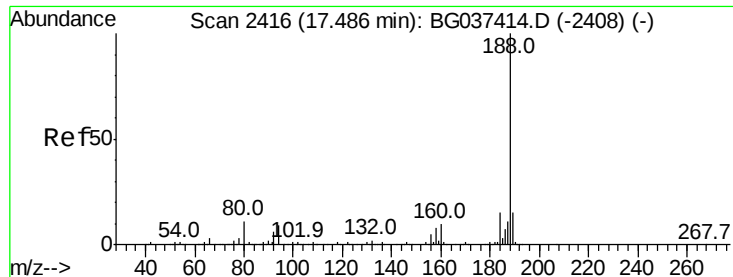


#50
 Dimethylphthalate
 Concen: 12.394 ng
 RT: 14.18 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG037639.D
 Acq: 30 Oct 2018 1:39

Tgt Ion:163 Resp: 182649

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.1	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037639.D

Acq: 30 Oct 2018 1:39

Instrument :

BNA_G

ClientSampleId :

DL-01B

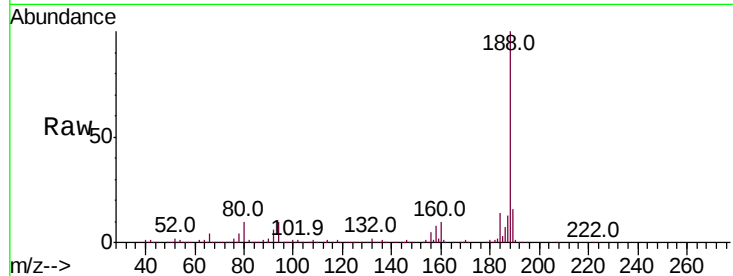
Tot Ion:188 Resp: 441970

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

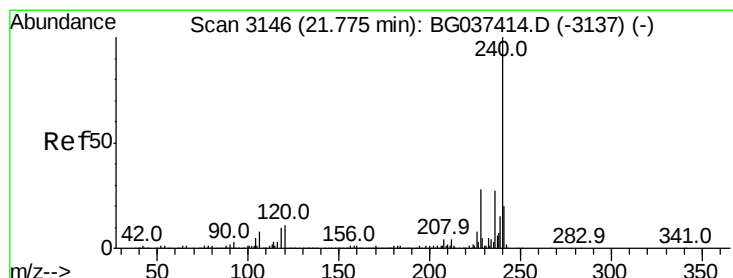
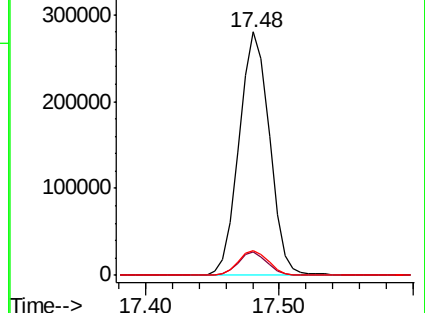
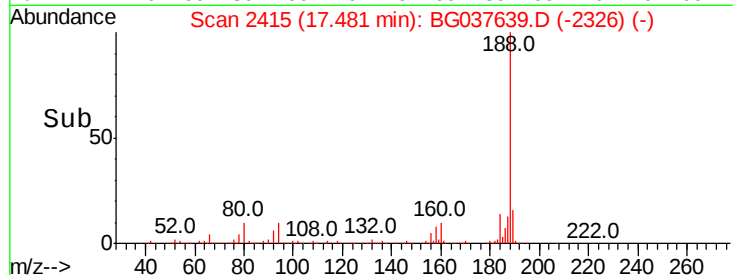
80 10.4 7.7 11.5



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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037639.D

Acq: 30 Oct 2018 1:39

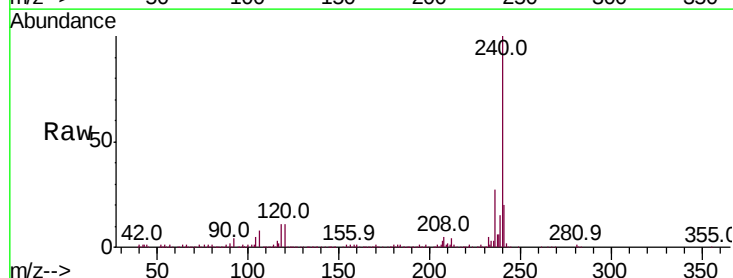
Tgt Ion:240 Resp: 391696

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

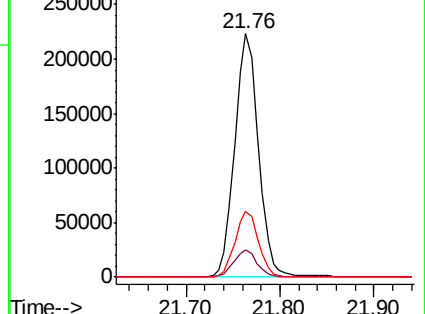
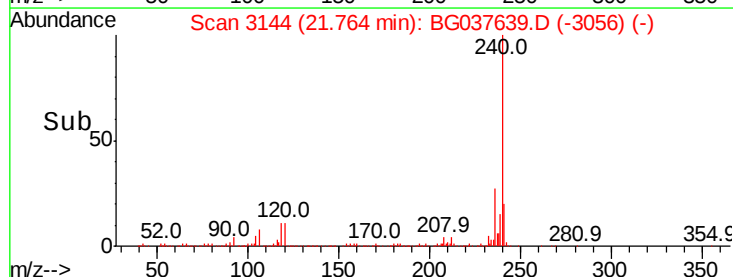
236 27.1 21.4 32.0

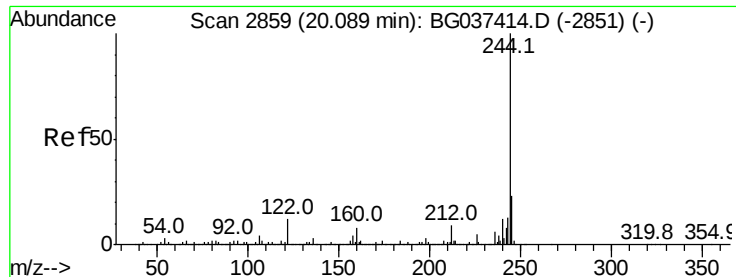


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.495 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037639.D

Acq: 30 Oct 2018 1:39

Instrument :

BNA_G

ClientSampleId :

DL-01B

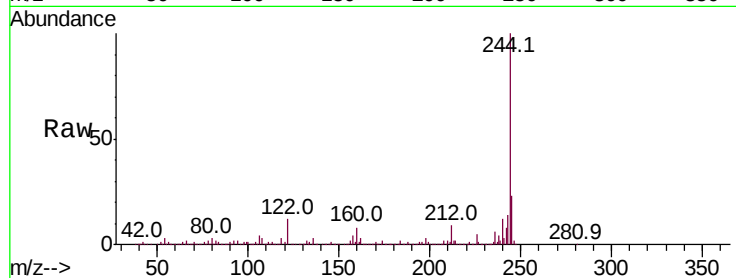
Tot Ion:244 Resp: 1640556

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

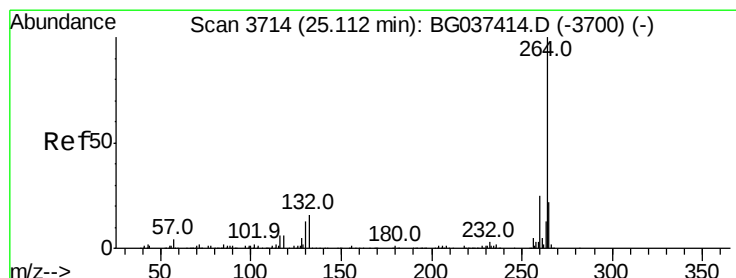
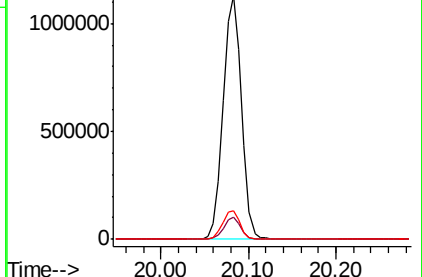
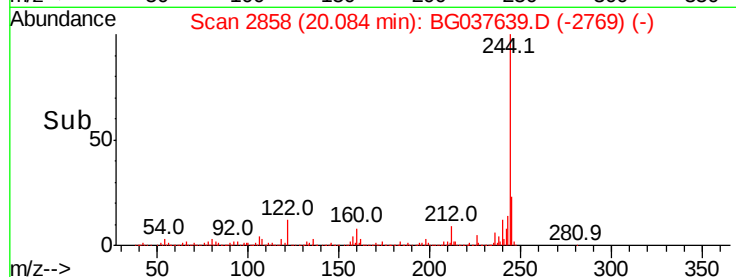
122 11.7 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037639.D

Acq: 30 Oct 2018 1:39

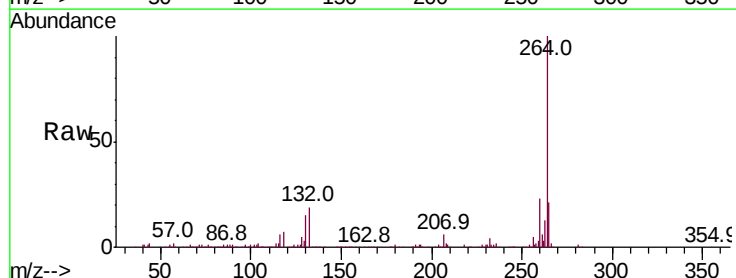
Tgt Ion:264 Resp: 398374

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 21.3 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

