

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037314.D
 Acq On : 13 Oct 2018 6:45
 Operator : JU/SJ
 Sample : J5383-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100918-SIDI-F-D-S

Quant Time: Oct 15 02:24:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

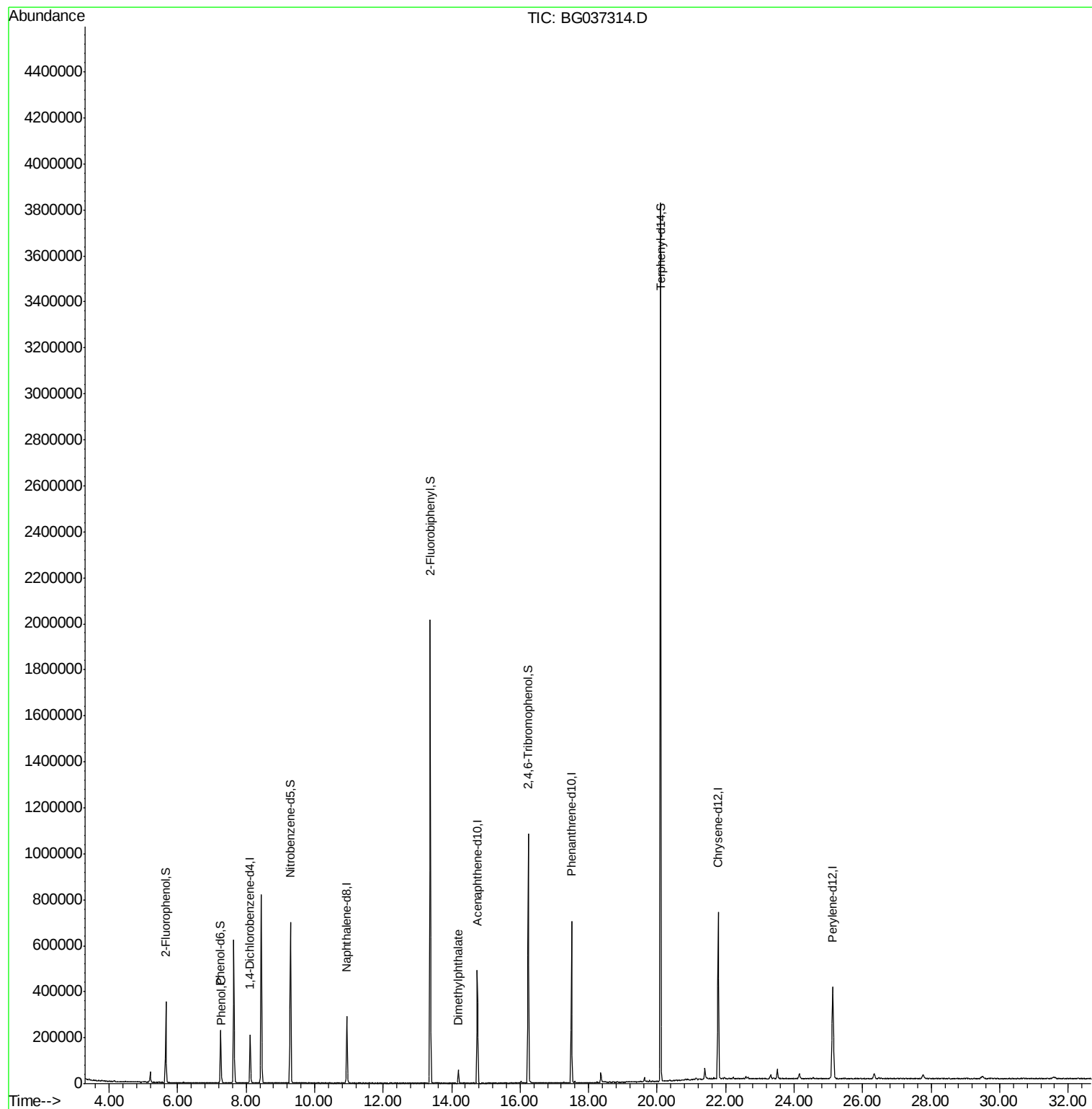
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	64779	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	264565	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	180142	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	455744	20.00	ng	0.00
76) Chrysene-d12	21.78	240	433765	20.00	ng	-0.02
87) Perylene-d12	25.13	264	438728	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	163193	44.34	ng	0.00
7) Phenol-d6	7.25	99	143531	25.69	ng	0.00
23) Nitrobenzene-d5	9.30	82	439884	109.31	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	192799	109.13	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1085996	90.53	ng	0.00
79) Terphenyl-d14	20.10	244	1767655	85.57	ng	0.00
Target Compounds						
10) Phenol	7.28	94	16299	2.770	ng	97
50) Dimethylphthalate	14.20	163	40844	2.885	ng	99

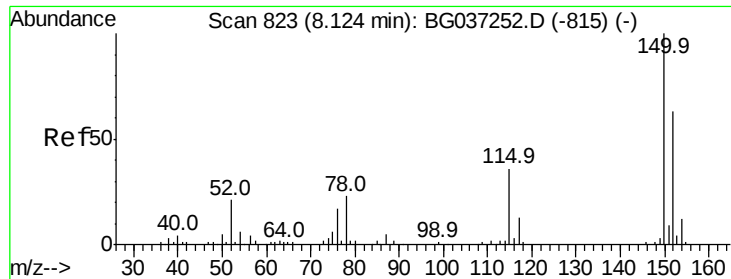
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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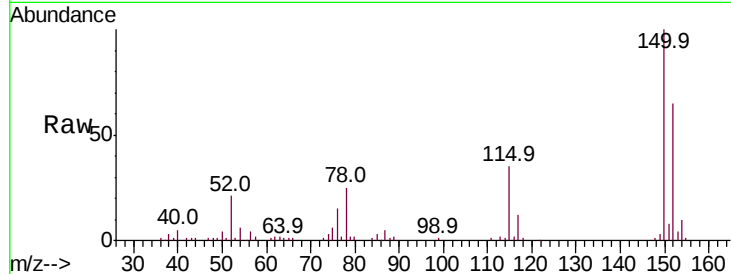


#1

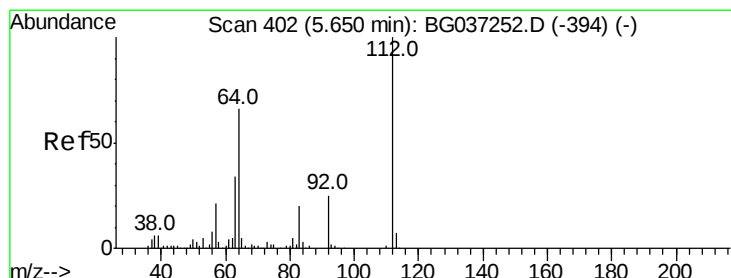
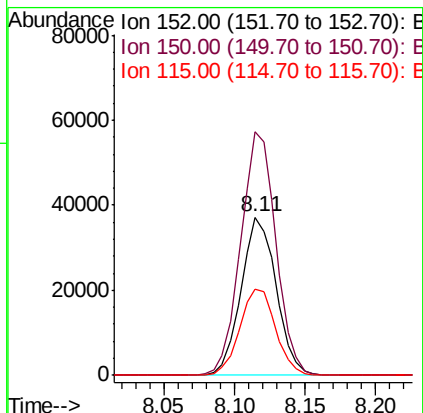
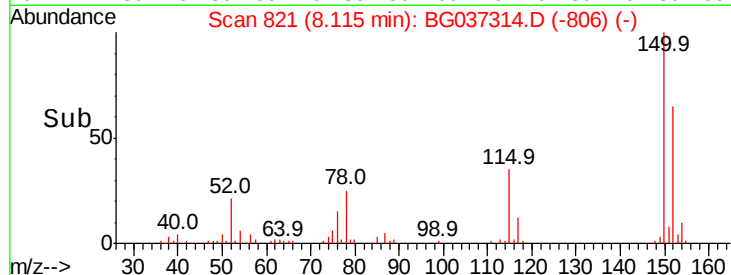
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037314.D
 Acq: 13 Oct 2018 6:45

Instrument :
 BNA_G
 ClientSampleId :
 100918-SIDI-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.0	189.0
115	54.6	45.5	68.3



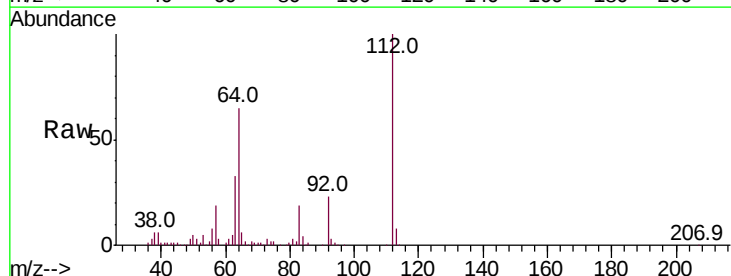
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



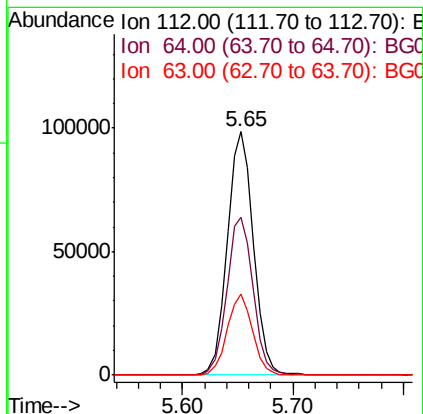
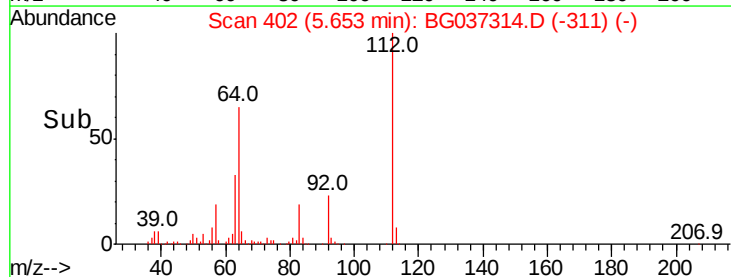
#5

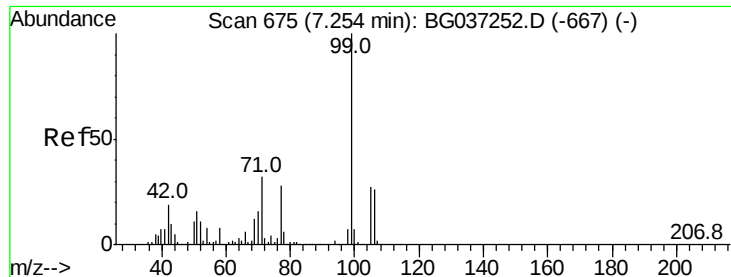
2-Fluorophenol
 Concen: 44.336 ng
 RT: 5.65 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BG037314.D
 Acq: 13 Oct 2018 6:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.1	79.7
63	33.2	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: 25.691 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037314.D

Acq: 13 Oct 2018 6:45

Instrument :

BNA_G

ClientSampleId :

100918-SIDI-F-D-S

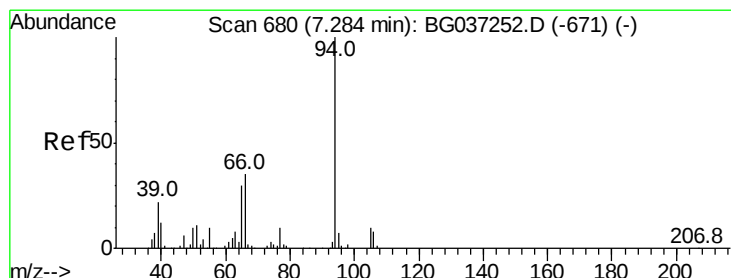
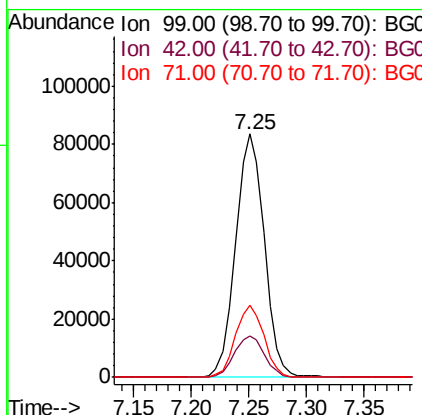
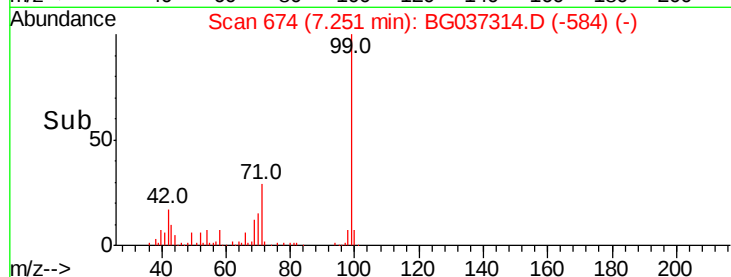
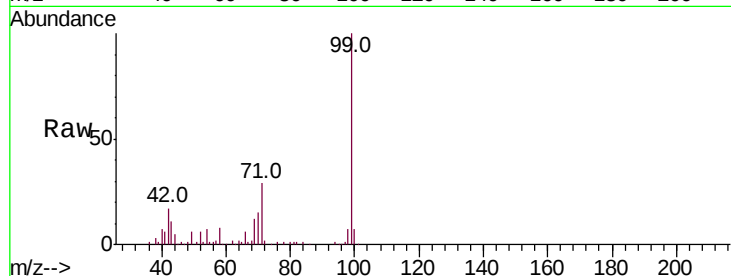
Tot Ion: 99 Resp: 143531

Ion Ratio Lower Upper

99 100

42 17.0 15.0 22.4

71 29.5 25.5 38.3



#10

Phenol

Concen: 2.770 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG037314.D

Acq: 13 Oct 2018 6:45

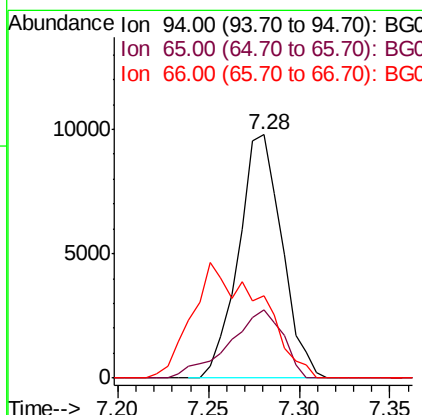
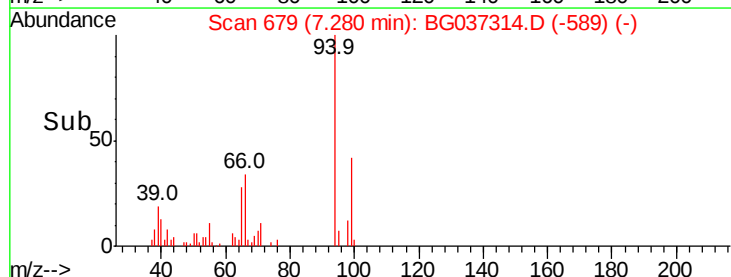
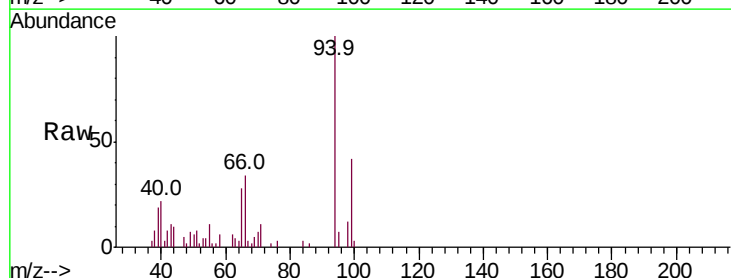
Tgt Ion: 94 Resp: 16299

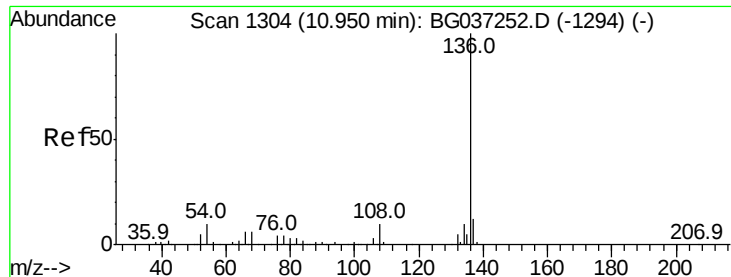
Ion Ratio Lower Upper

94 100

65 28.3 9.7 49.7

66 33.8 15.9 55.9

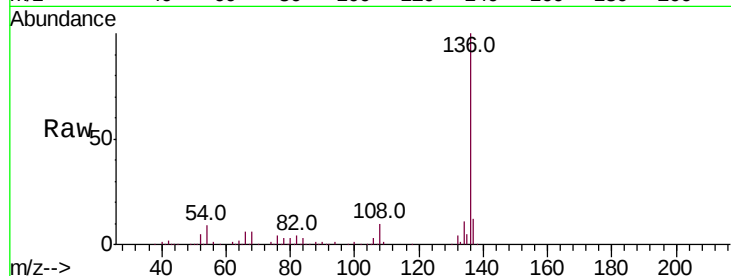




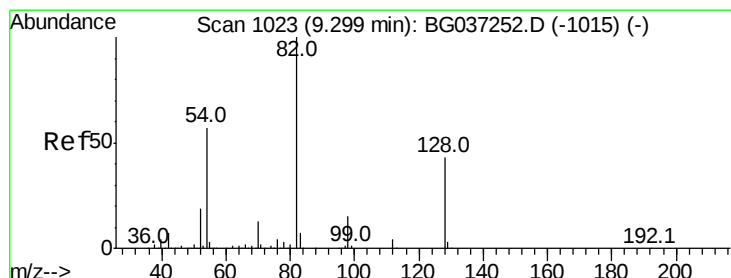
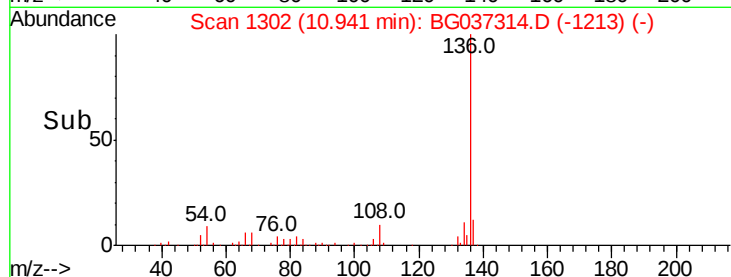
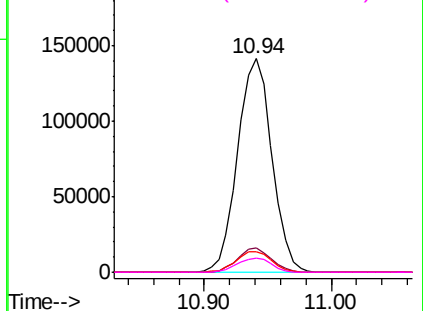
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Instrument :
BNA_G
ClientSampleId :
100918-SIDI-F-D-S

Tot Ion:136	Resp:	264565
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.6 14.4
54	9.4	7.9 11.9
68	6.4	4.8 7.2

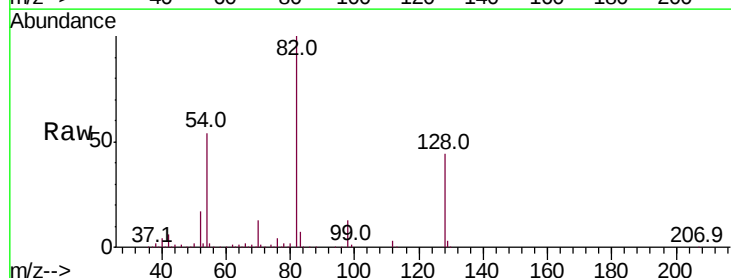


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

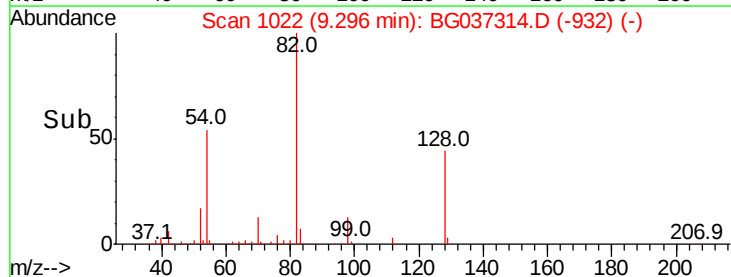
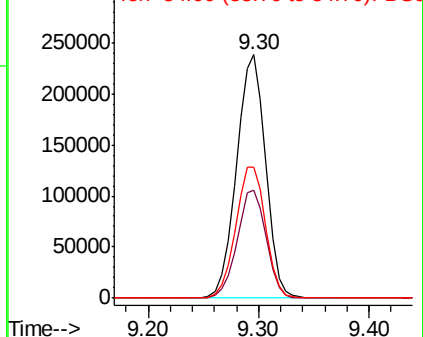


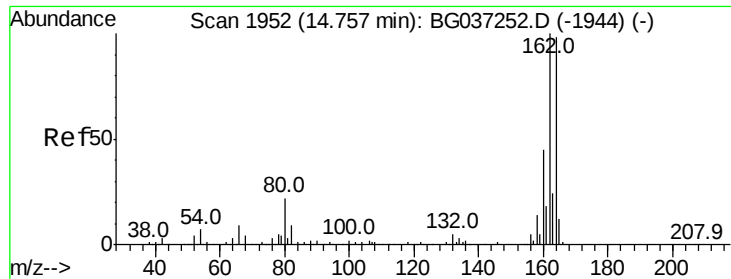
#23
Nitrobenzene-d5
Concen: 109.312 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Tgt Ion: 82	Resp:	439884
Ion Ratio	Lower	Upper
82	100	
128	44.2	34.6 51.8
54	54.0	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

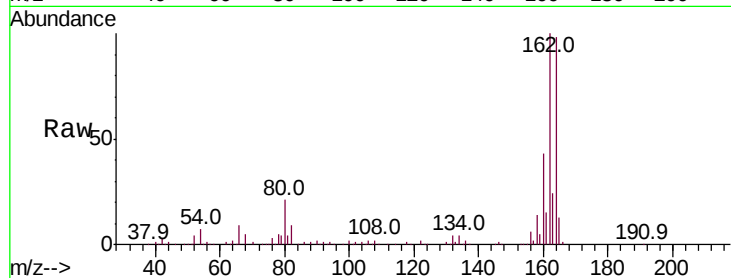




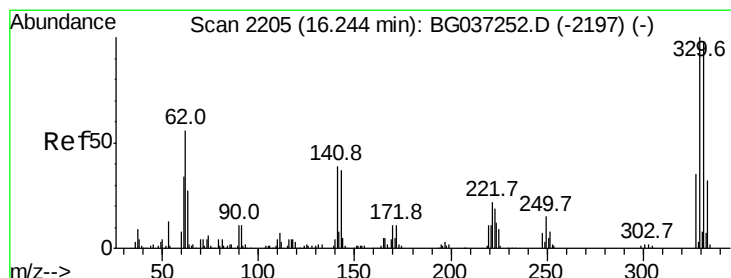
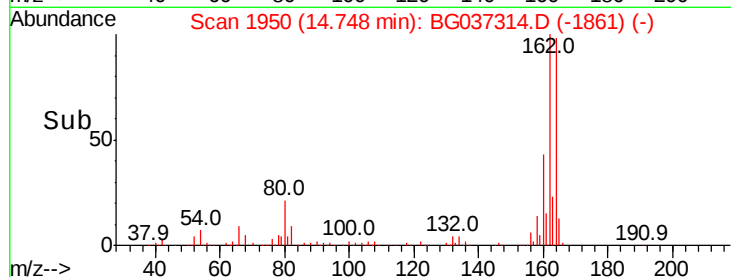
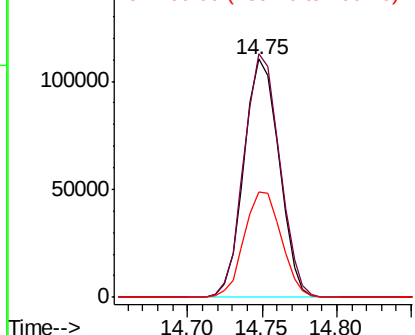
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Instrument :
BNA_G
ClientSampleId :
100918-SIDI-F-D-S

Tot Ion:164 Resp: 180142
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 44.3 36.3 54.5

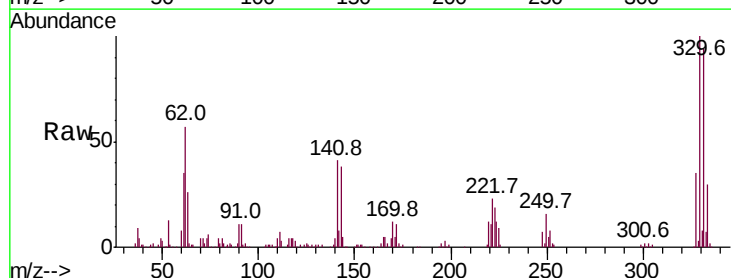


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

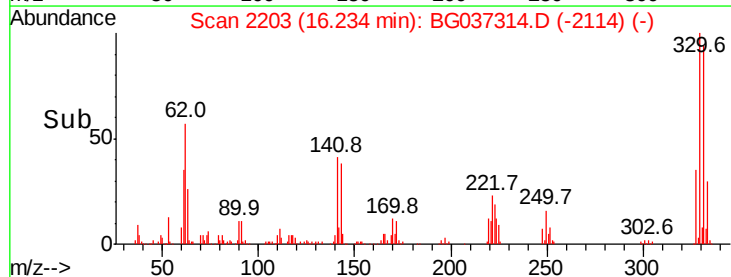
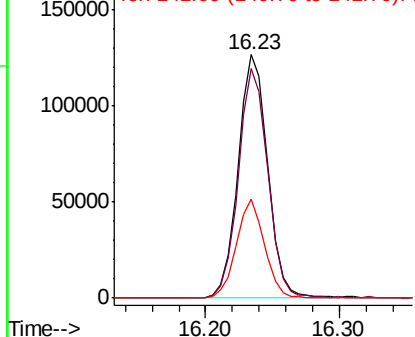


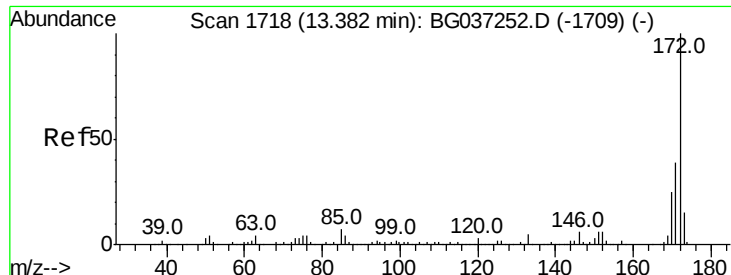
#42
2,4,6-Tribromophenol
Concen: 109.130 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037314.D
Acq: 13 Oct 2018 6:45

Tgt Ion:330 Resp: 192799
Ion Ratio Lower Upper
330 100
332 94.6 78.4 117.6
141 39.3 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



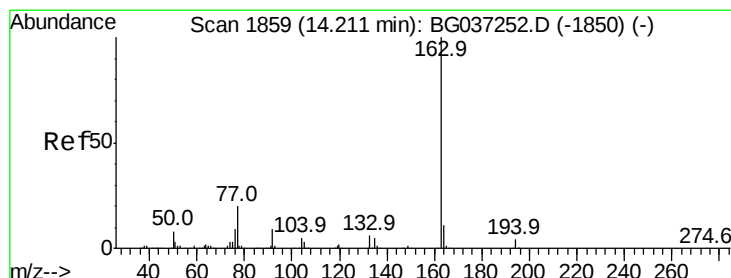
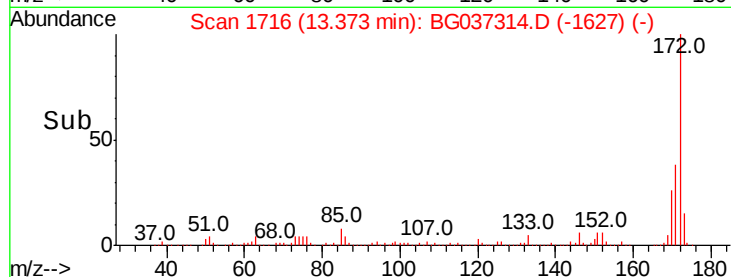
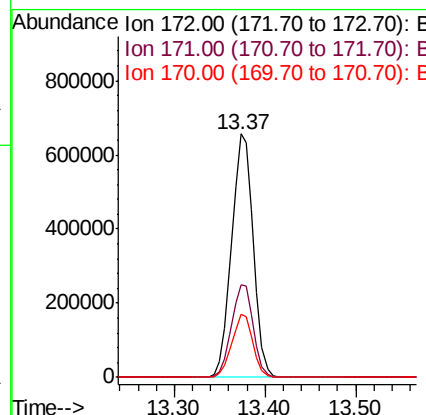
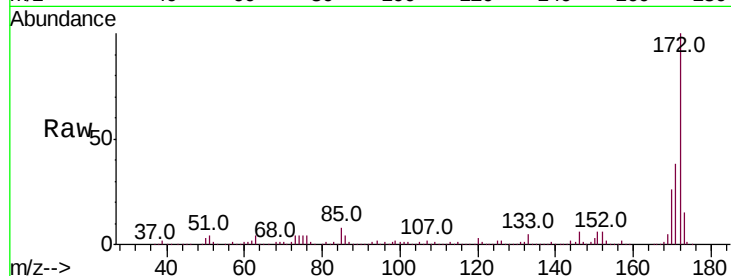


#45
 2-Fluorobiphenyl
 Concen: 90.535 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037314.D
 Acq: 13 Oct 2018 6:45

Instrument :
 BNA_G
 ClientSampleId :
 100918-SIDI-F-D-S

Tot Ion:172 Resp: 1085996

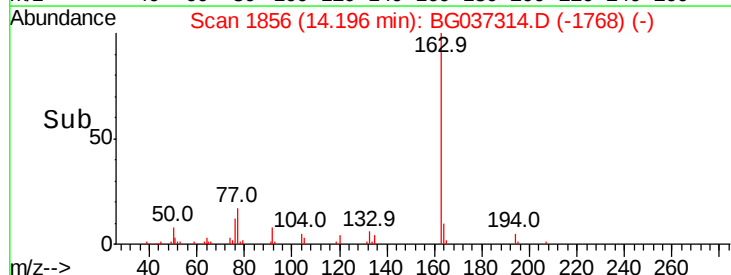
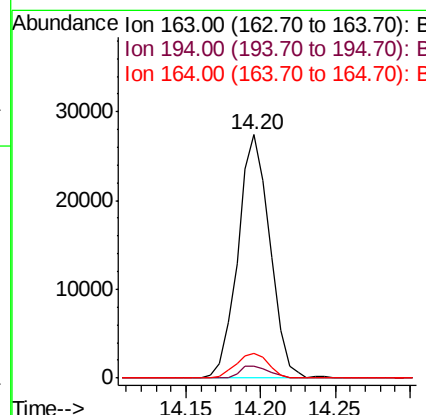
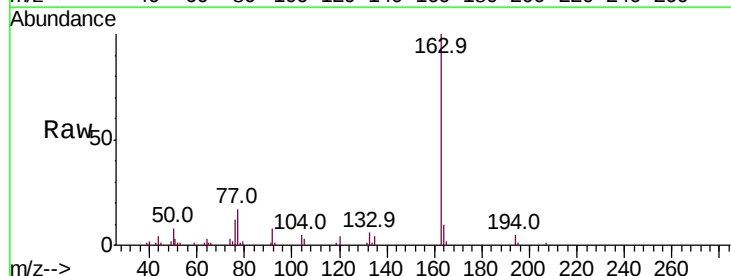
Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.9	20.2	30.2

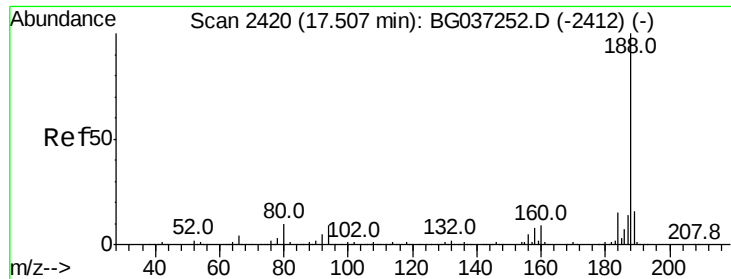


#50
 Dimethylphthalate
 Concen: 2.885 ng
 RT: 14.20 min Scan# 1856
 Delta R.T. -0.02 min
 Lab File: BG037314.D
 Acq: 13 Oct 2018 6:45

Tgt Ion:163 Resp: 40844

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	10.0	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037314.D

Acq: 13 Oct 2018 6:45

Instrument :

BNA_G

ClientSampleId :

100918-SIDI-F-D-S

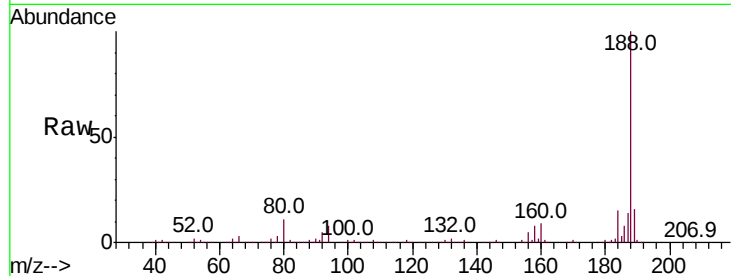
Tot Ion:188 Resp: 455744

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

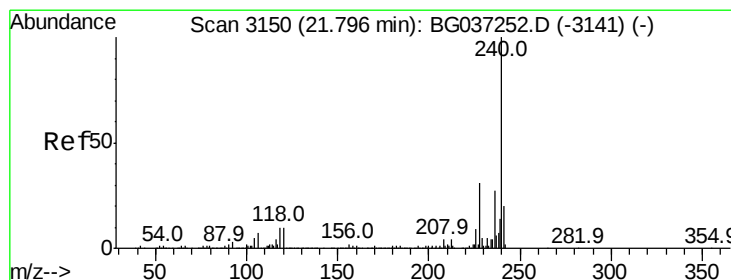
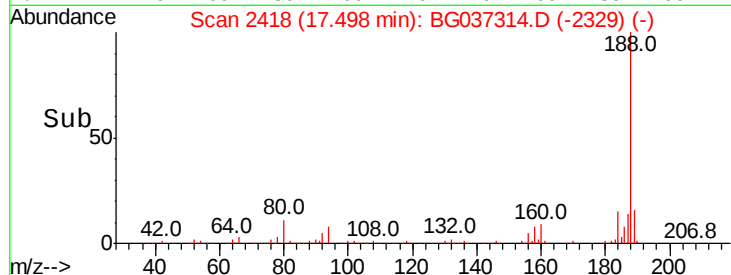
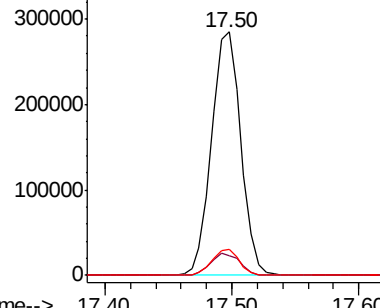
80 10.6 7.7 11.5



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: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037314.D

Acq: 13 Oct 2018 6:45

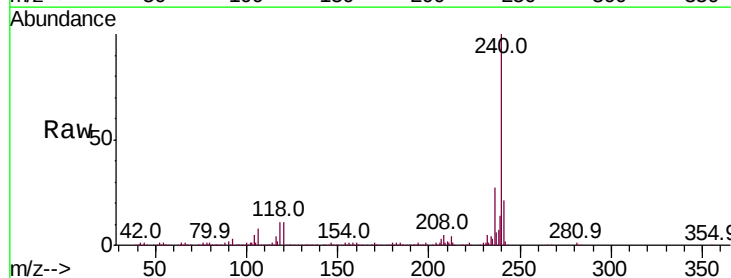
Tgt Ion:240 Resp: 433765

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

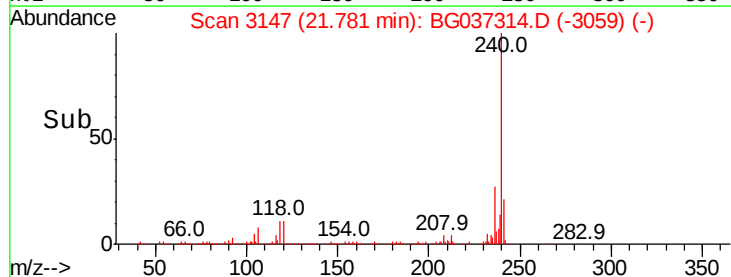
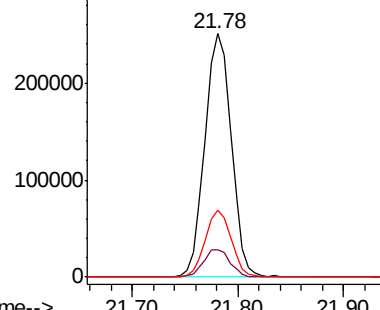
236 27.3 21.4 32.0

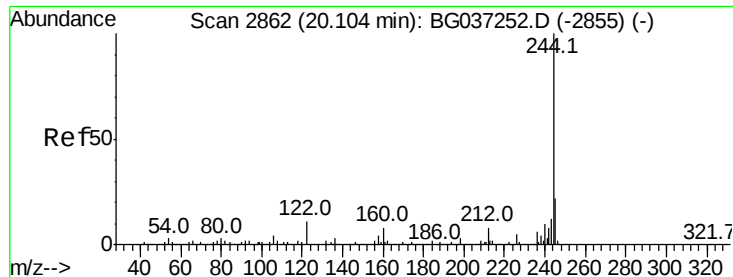


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.568 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG037314.D

Acq: 13 Oct 2018 6:45

Instrument :

BNA_G

ClientSampleId :

100918-SIDI-F-D-S

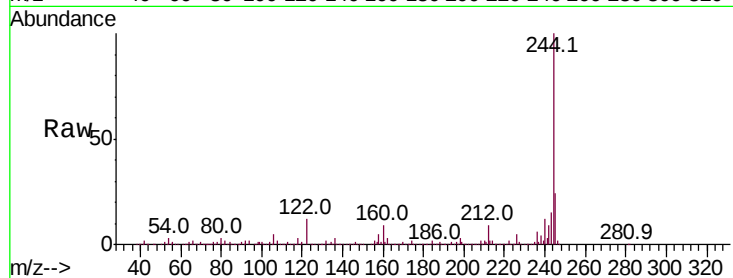
Tot Ion:244 Resp: 1767655

Ion Ratio Lower Upper

244 100

212 9.3 6.5 9.7

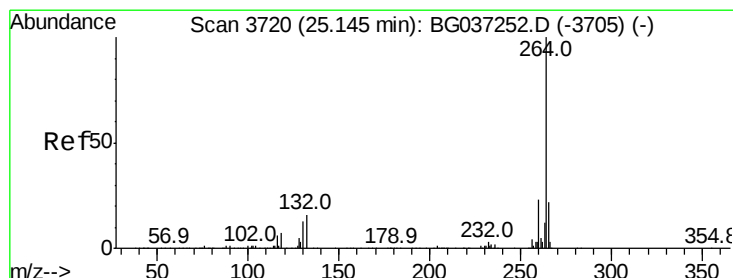
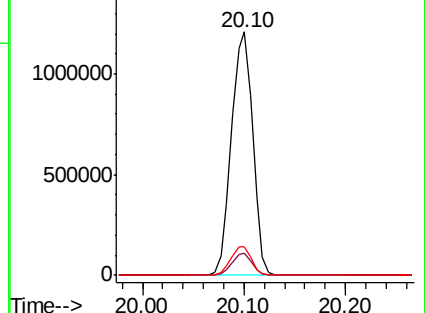
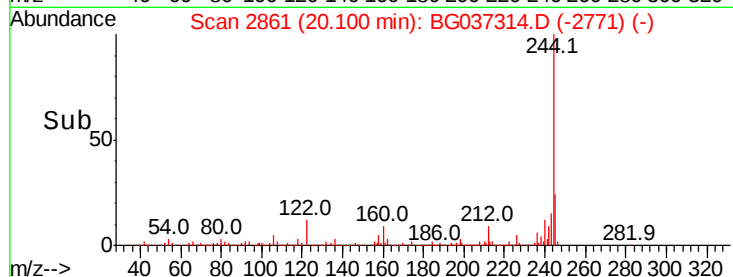
122 11.9 9.0 13.4



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: 25.13 min Scan# 3717

Delta R.T. -0.02 min

Lab File: BG037314.D

Acq: 13 Oct 2018 6:45

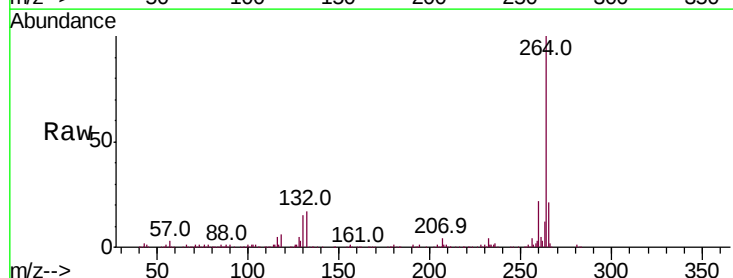
Tgt Ion:264 Resp: 438728

Ion Ratio Lower Upper

264 100

260 22.0 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

