

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037318.D
 Acq On : 13 Oct 2018 9:22
 Operator : JU/SJ
 Sample : J5383-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100918-TIPC-F-D-B

Quant Time: Oct 15 02:32:06 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

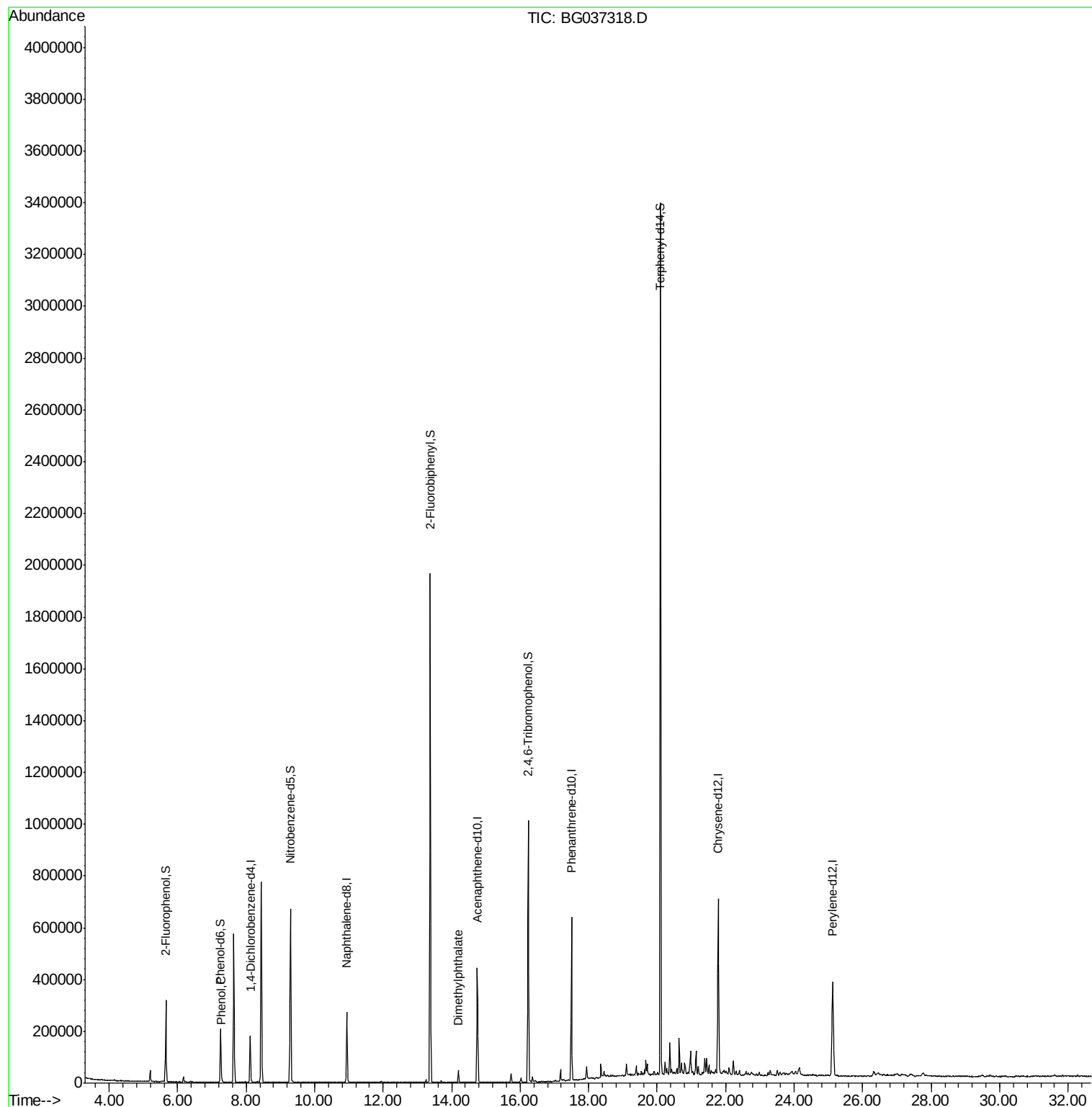
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	55027	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	234222	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	160309	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	404149	20.00	ng	0.00
76) Chrysene-d12	21.78	240	379206	20.00	ng	-0.02
87) Perylene-d12	25.12	264	395469	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	144086	46.08	ng	0.00
7) Phenol-d6	7.25	99	129630	27.31	ng	0.00
23) Nitrobenzene-d5	9.29	82	416046	116.78	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	180803	115.00	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1055018	98.83	ng	0.00
79) Terphenyl-d14	20.09	244	1602007	88.71	ng	0.00
Target Compounds						
10) Phenol	7.28	94	12921	2.585	ng	93
50) Dimethylphthalate	14.20	163	32141	2.551	ng	99

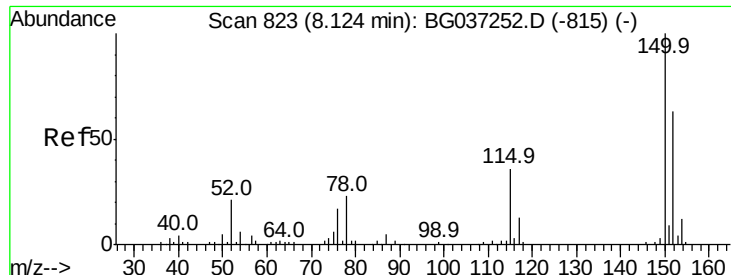
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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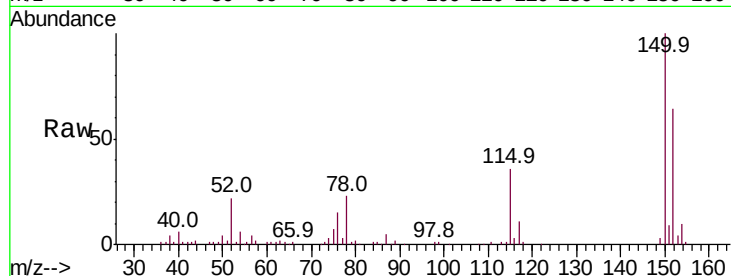


#1

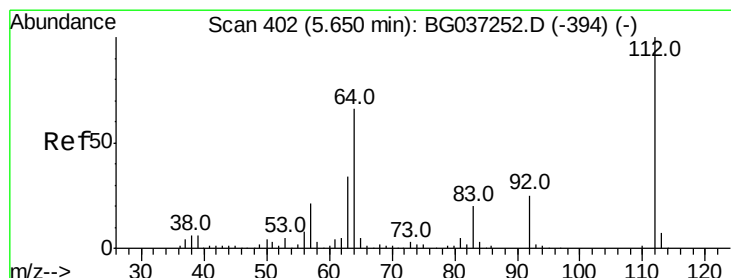
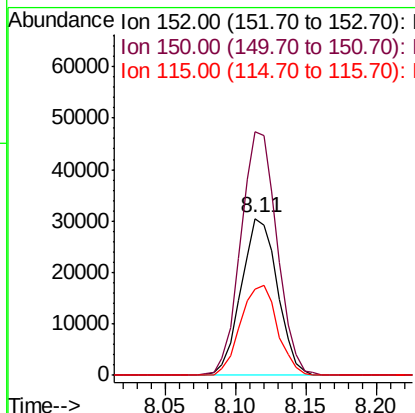
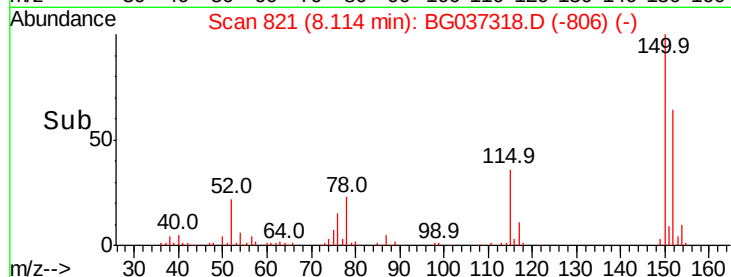
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Instrument :
BNA_G
ClientSampleId :
100918-TIPC-F-D-B

Tot Ion:152 Resp: 55027
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 55.4 45.5 68.3



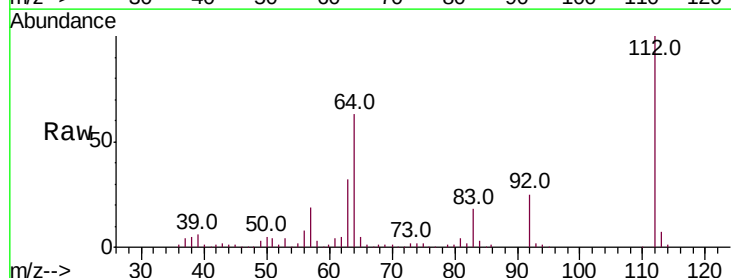
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



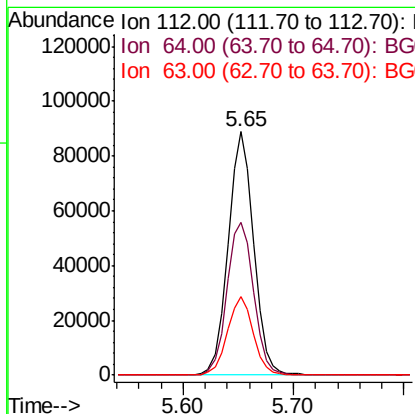
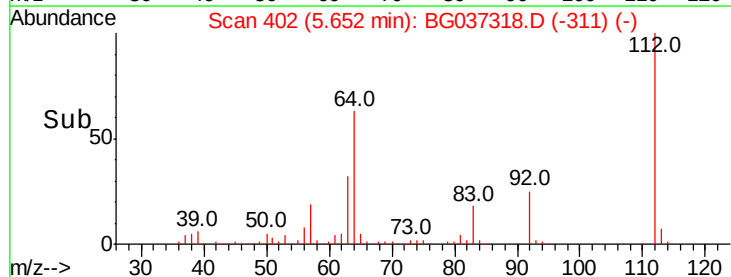
#5

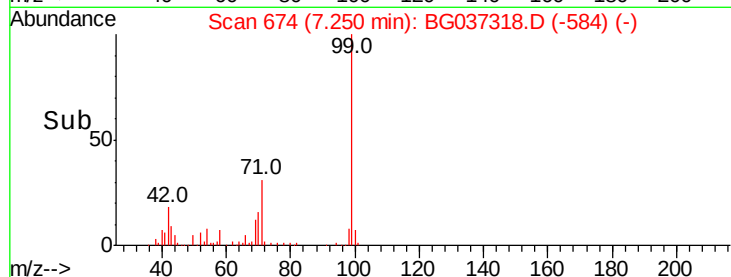
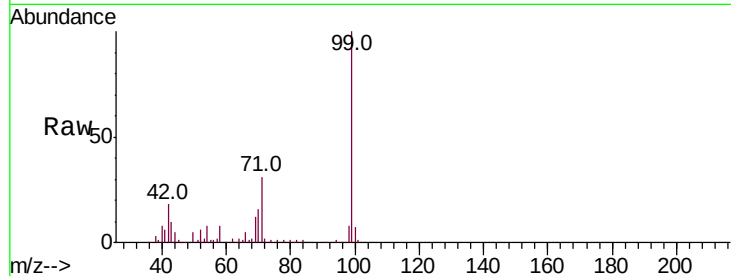
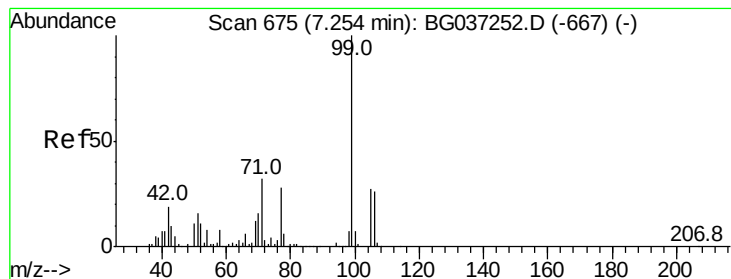
2-Fluorophenol
Concen: 46.082 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion:112 Resp: 144086
Ion Ratio Lower Upper
112 100
64 62.9 53.1 79.7
63 32.0 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: 27.315 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037318.D

Acq: 13 Oct 2018 9:22

Instrument :

BNA_G

ClientSampleId :

100918-TIPC-F-D-B

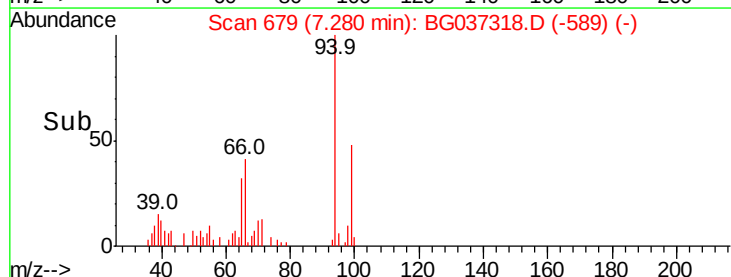
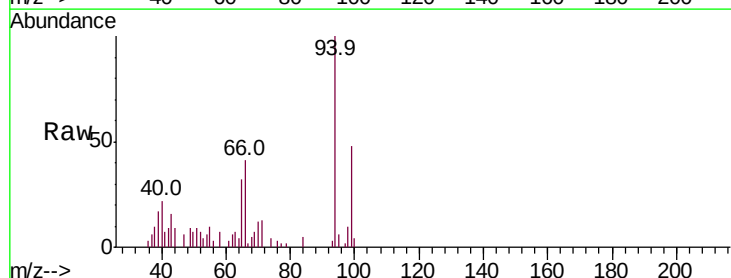
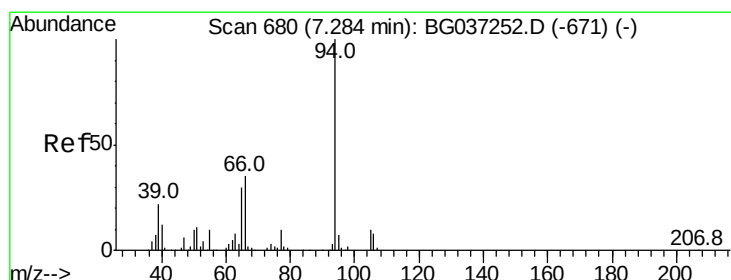
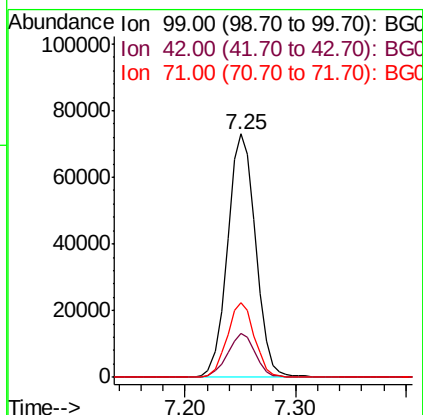
Tot Ion: 99 Resp: 129630

Ion Ratio Lower Upper

99 100

42 18.2 15.0 22.4

71 30.6 25.5 38.3



#10

Phenol

Concen: 2.585 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG037318.D

Acq: 13 Oct 2018 9:22

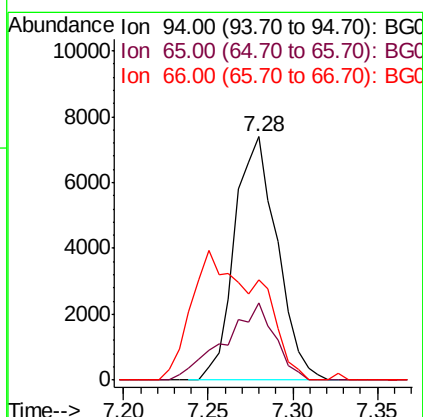
Tgt Ion: 94 Resp: 12921

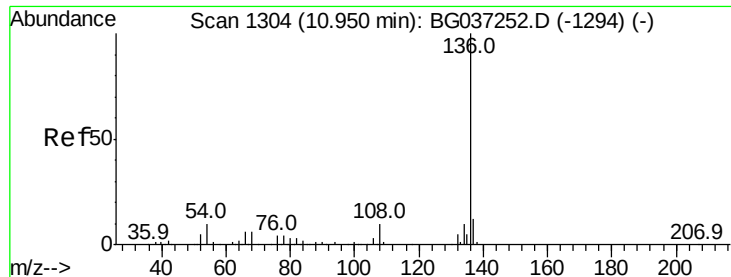
Ion Ratio Lower Upper

94 100

65 31.9 9.7 49.7

66 41.1 15.9 55.9

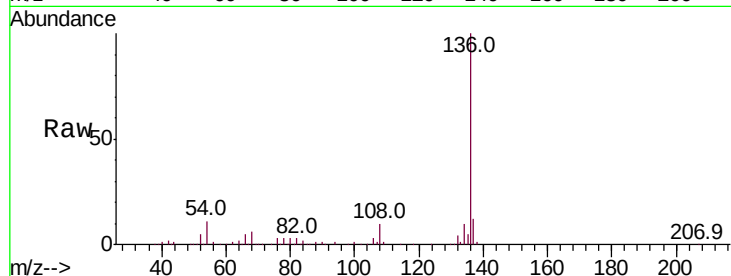




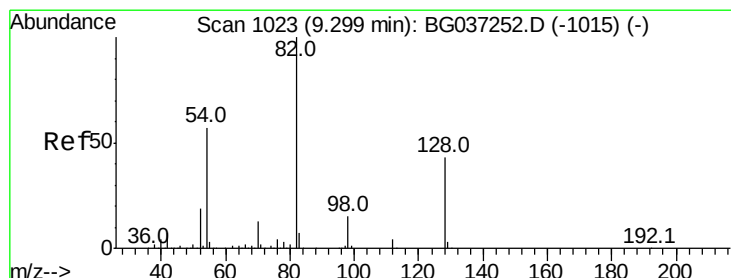
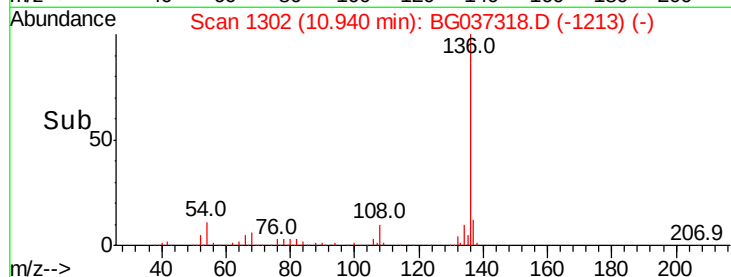
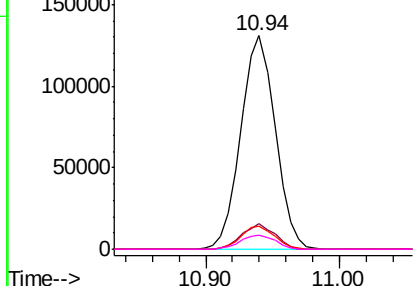
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Instrument :
BNA_G
ClientSampleId :
100918-TIPC-F-D-B

Tot Ion:136	Resp:	234222
Ion Ratio	Lower	Upper
136 100		
137 11.7	9.6	14.4
54 10.6	7.9	11.9
68 6.4	4.8	7.2

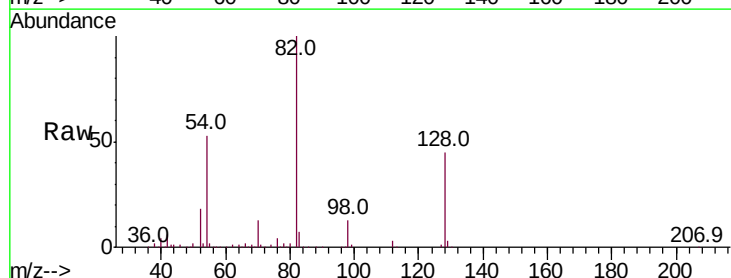


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BGC
100000 Ion 68.00 (67.70 to 68.70): BGC
50000
0

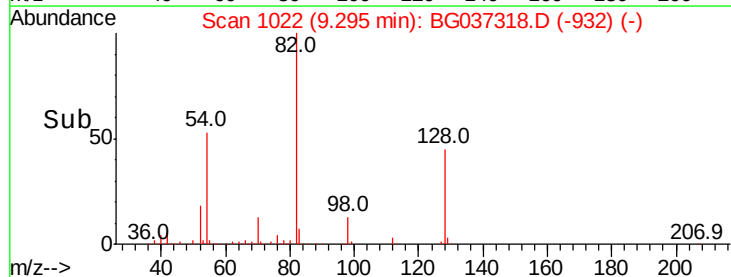
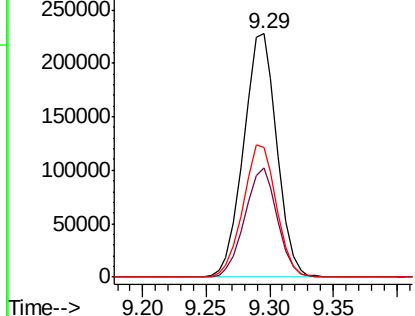


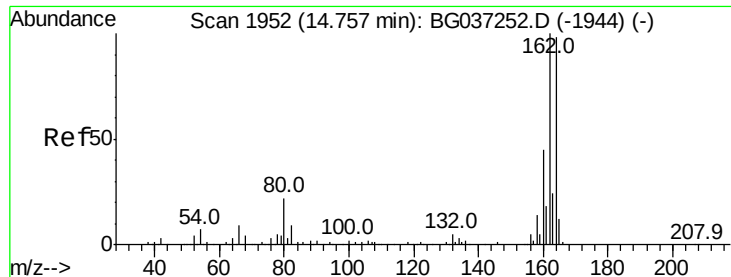
#23
Nitrobenzene-d5
Concen: 116.782 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt	Ion: 82	Resp:	416046
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	53.2	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
300000 Ion 128.00 (127.70 to 128.70): E
250000 Ion 54.00 (53.70 to 54.70): BGC
200000
150000
100000
50000
0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037318.D

Acq: 13 Oct 2018 9:22

Instrument :

BNA_G

ClientSampleId :

100918-TIPC-F-D-B

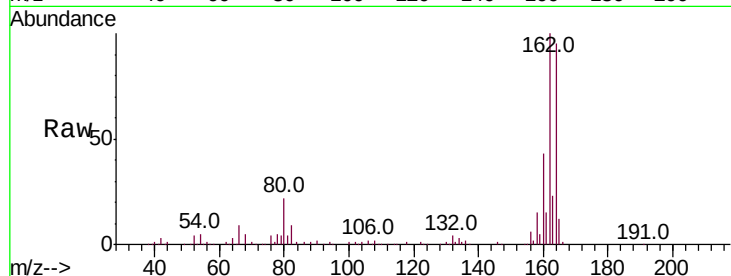
Tot Ion:164 Resp: 160309

Ion Ratio Lower Upper

164 100

162 105.5 81.3 121.9

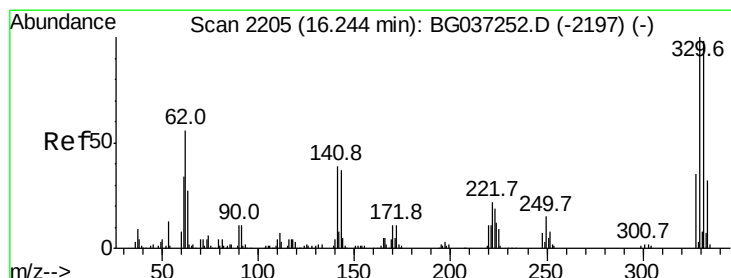
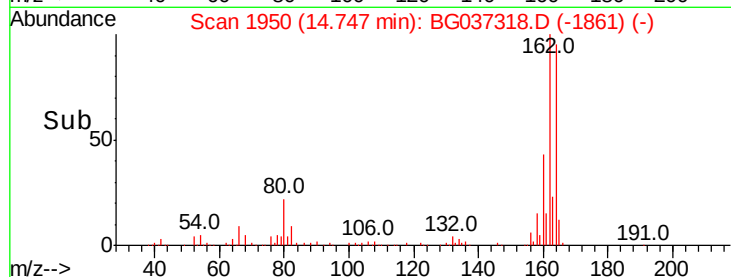
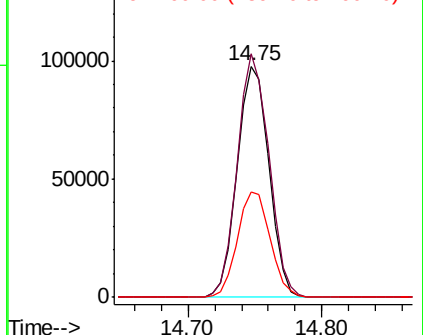
160 45.7 36.3 54.5



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: 115.001 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037318.D

Acq: 13 Oct 2018 9:22

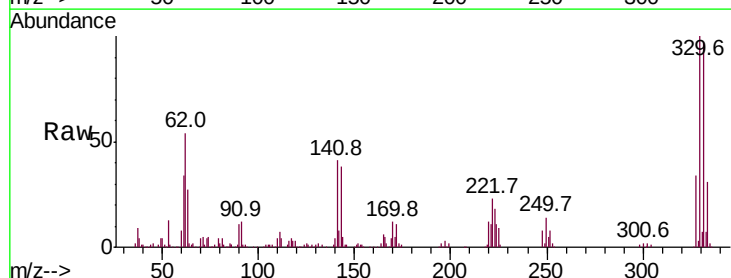
Tgt Ion:330 Resp: 180803

Ion Ratio Lower Upper

330 100

332 96.4 78.4 117.6

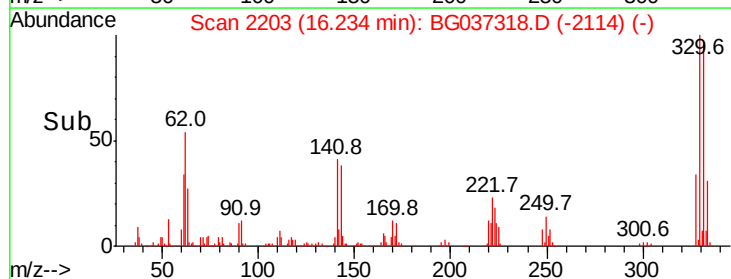
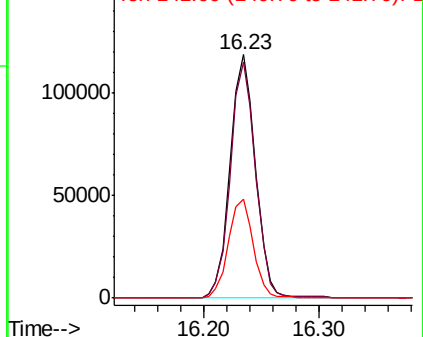
141 40.3 32.2 48.2

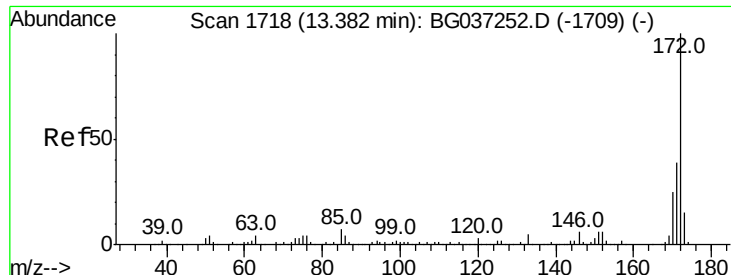


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



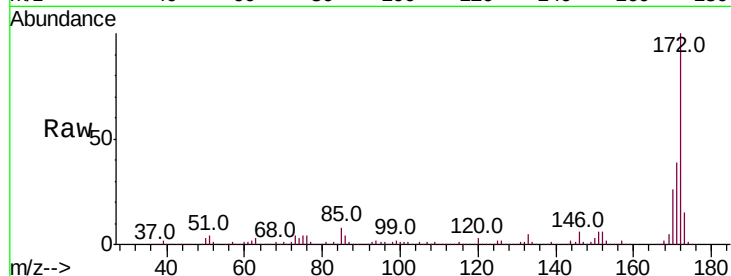


#45
 2-Fluorobiphenyl
 Concen: 98.833 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037318.D
 Acq: 13 Oct 2018 9:22

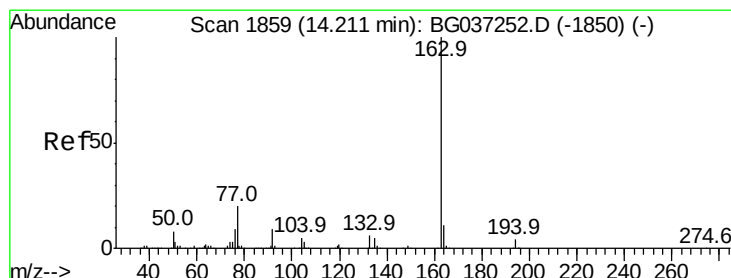
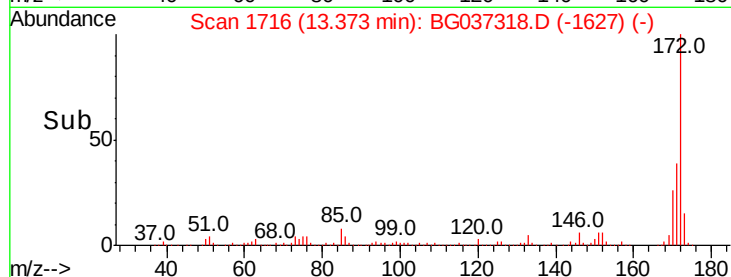
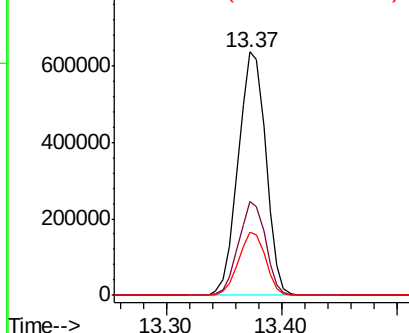
Instrument :
 BNA_G
 ClientSampleId :
 100918-TIPC-F-D-B

Tot Ion:172 Resp: 1055018

Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	26.1	20.2	30.2



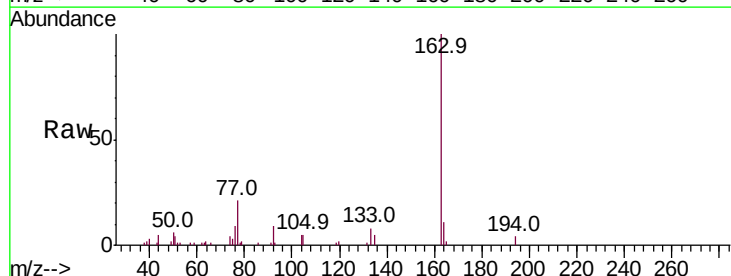
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



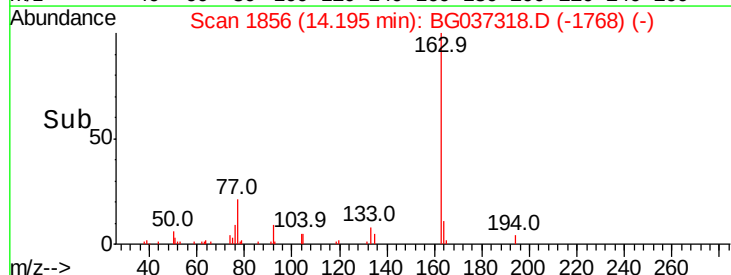
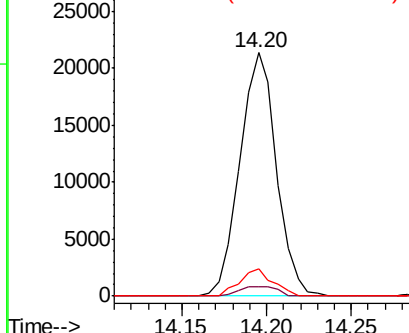
#50
 Dimethylphthalate
 Concen: 2.551 ng
 RT: 14.20 min Scan# 1856
 Delta R.T. -0.02 min
 Lab File: BG037318.D
 Acq: 13 Oct 2018 9:22

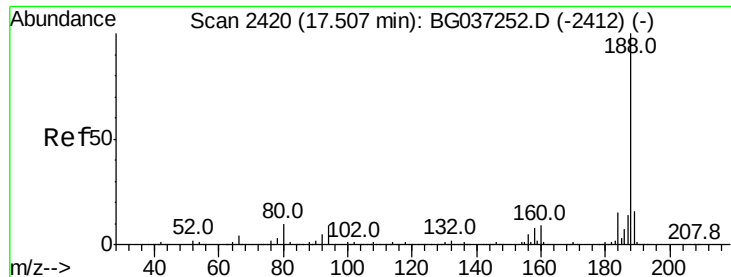
Tgt Ion:163 Resp: 32141

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	11.0	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

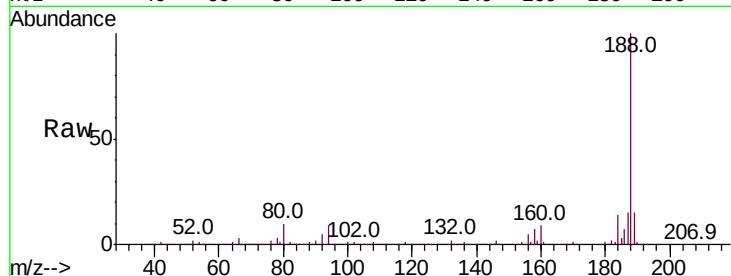




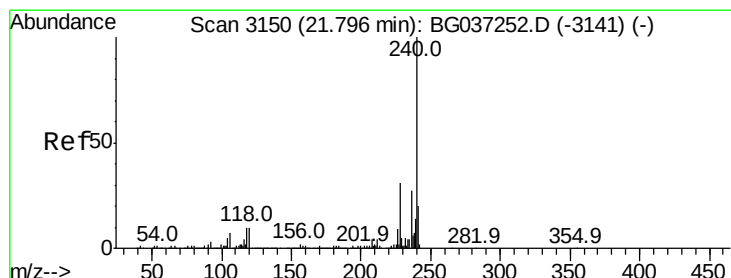
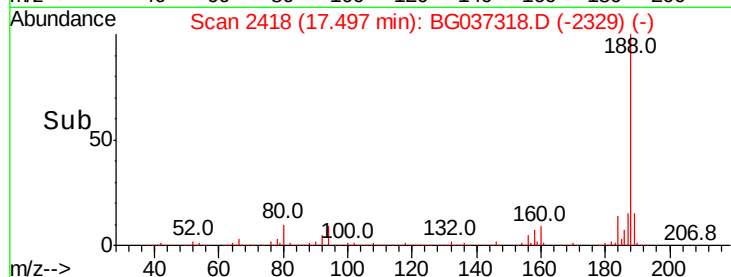
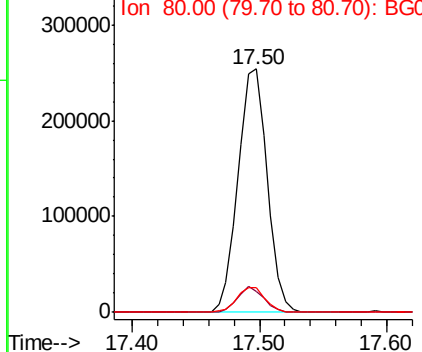
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Instrument :
BNA_G
ClientSampleId :
100918-TIPC-F-D-B

Tot Ion:188 Resp: 404149
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.4 7.7 11.5

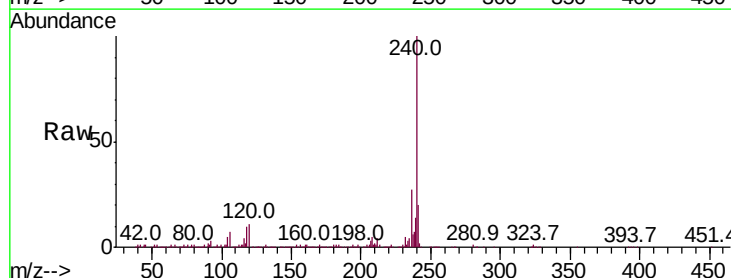


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

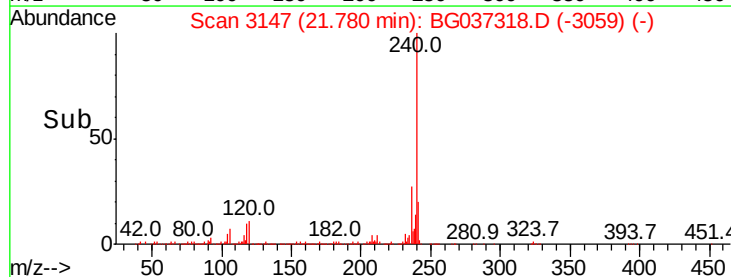
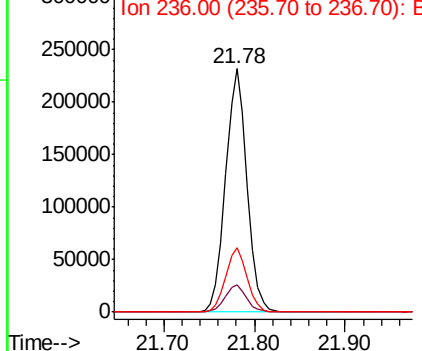


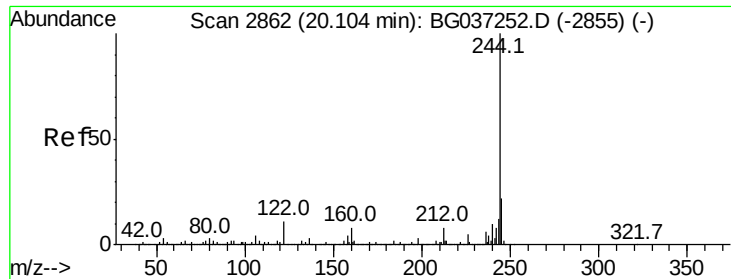
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037318.D
Acq: 13 Oct 2018 9:22

Tgt Ion:240 Resp: 379206
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.7 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: 88.707 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037318.D

Acq: 13 Oct 2018 9:22

Instrument :

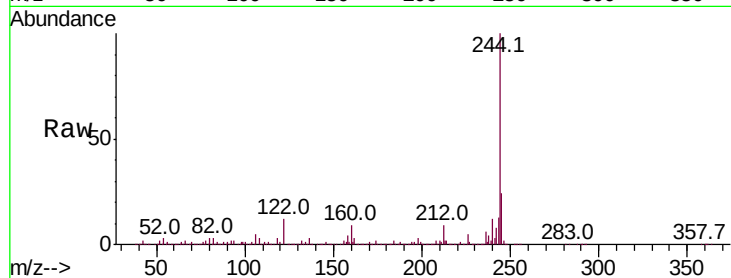
BNA_G

ClientSampleId :

100918-TIPC-F-D-B

Tot Ion:244 Resp: 1602007

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.5	9.7
122	11.9	9.0	13.4

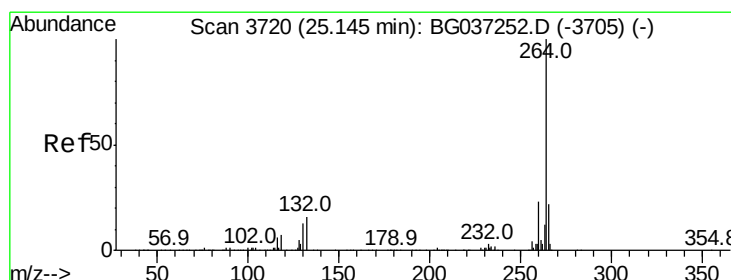
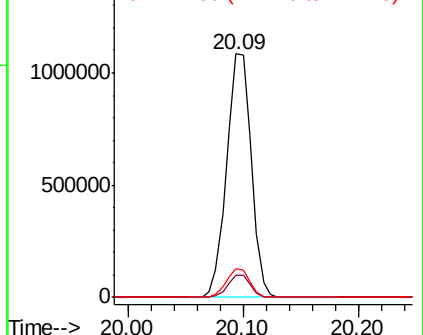
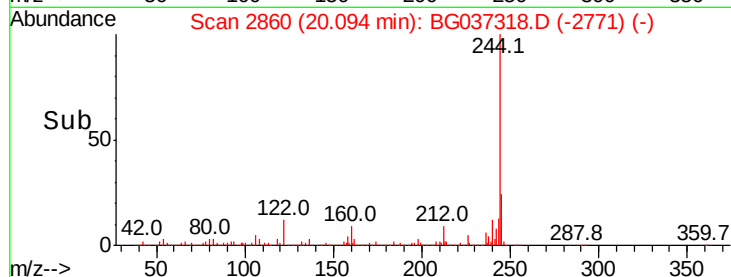


Abundance

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: 25.12 min Scan# 3716

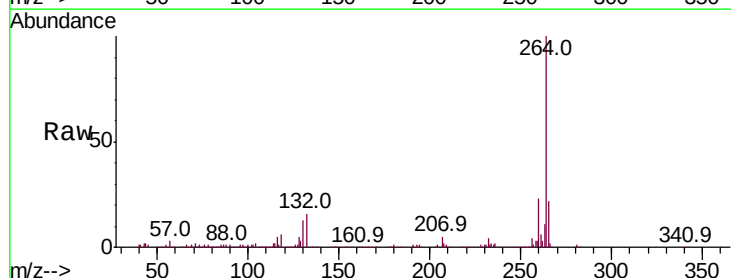
Delta R.T. -0.02 min

Lab File: BG037318.D

Acq: 13 Oct 2018 9:22

Tgt Ion:264 Resp: 395469

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.7	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

