

Data File : BG036684.D
Acq On : 12 Sep 2018 22:19
Operator : JU/SJ
Sample : PB112784TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

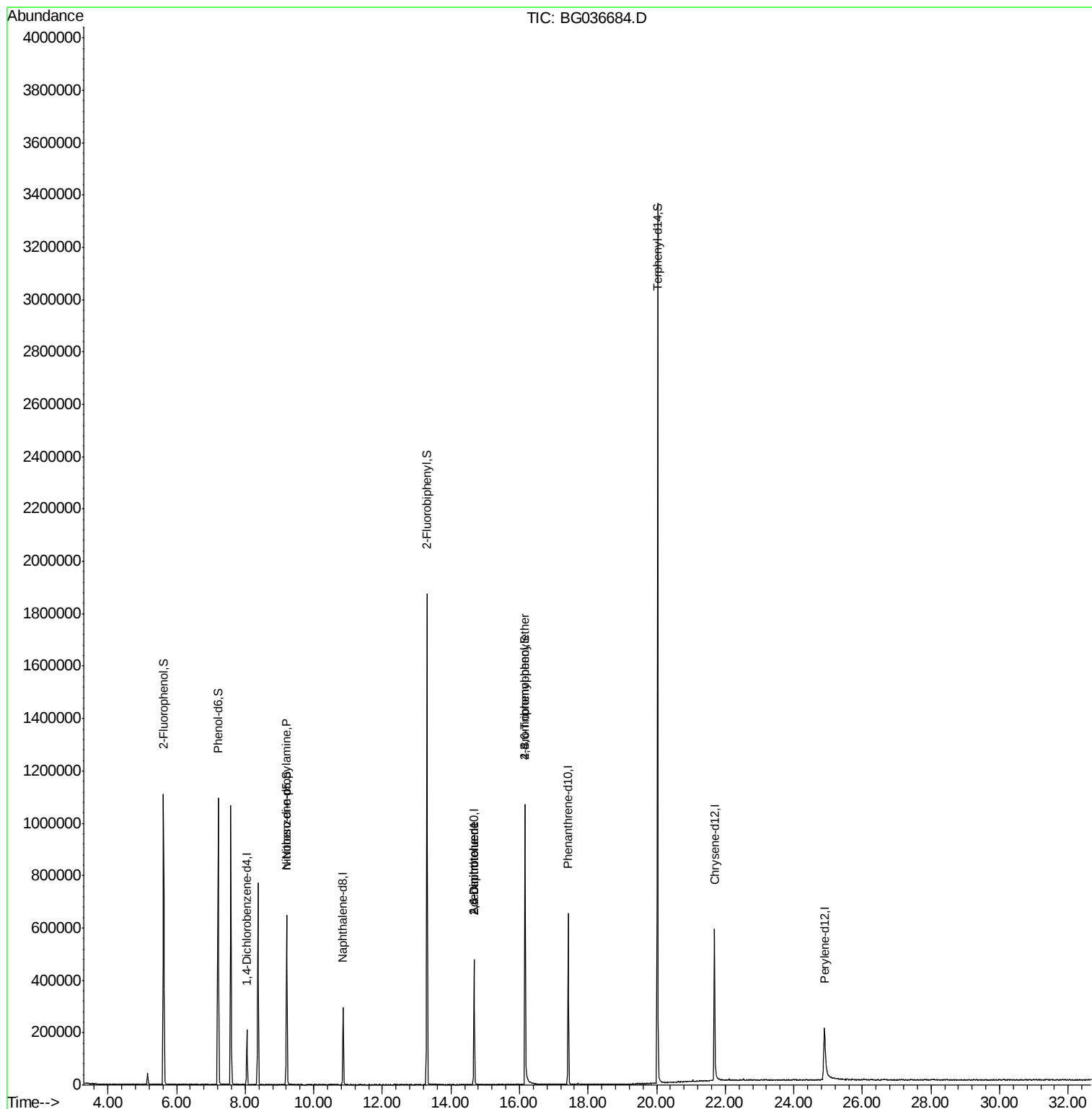
Quant Time: Sep 13 01:13:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58625	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	248177	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	166670	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	414655	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	417150	20.00	ng	-0.01
86) Perylene-d12	24.89	264	323713	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	467399	126.47	ng	0.00
7) Phenol-d6	7.21	99	650205	122.88	ng	-0.01
23) Nitrobenzene-d5	9.21	82	399025	87.24	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	211312	106.25	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	958406	82.10	ng	-0.01
78) Terphenyl-d14	20.03	244	1583681	88.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	53409	13.506	ng	# 72
50) 2,6-Dinitrotoluene	14.67	165	21533	7.689	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	21533	5.900	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	15502	3.193	ng	# 1

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

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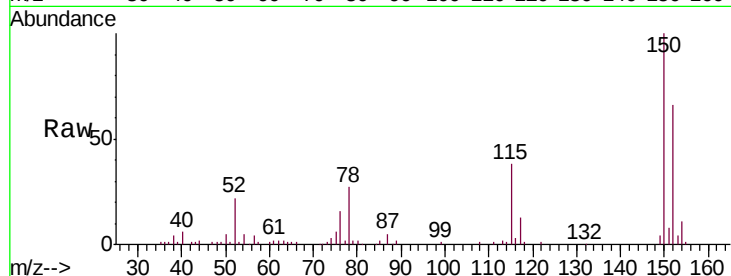
Quant Time: Sep 13 01:13:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
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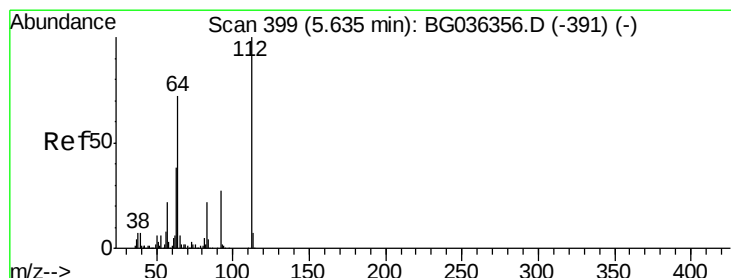
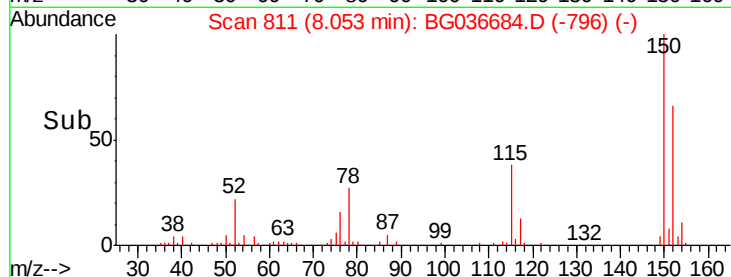
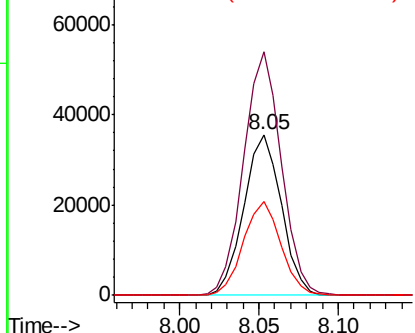


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036684.D
 Acq: 12 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.2	119.5	179.3
115	58.2	44.5	66.7

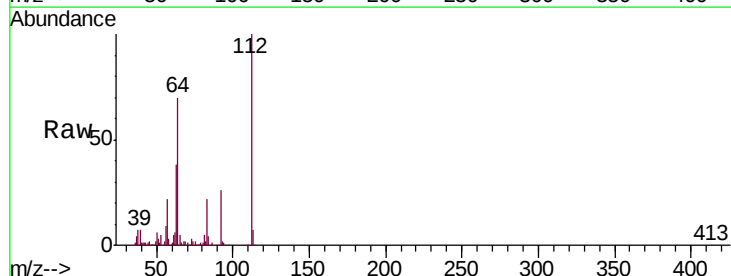


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

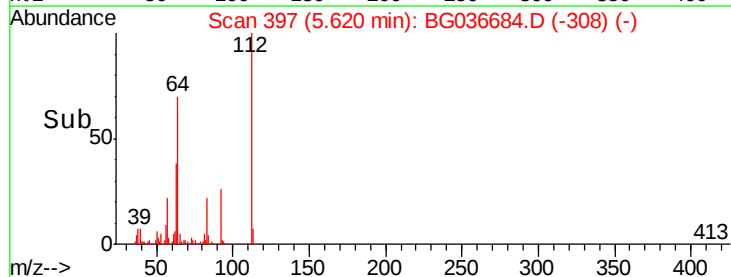
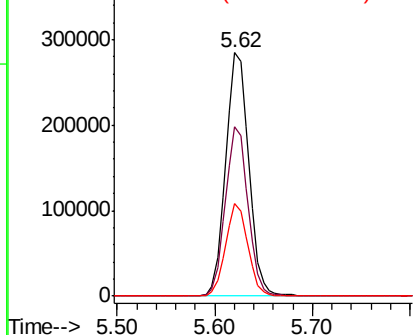


#5
 2-Fluorophenol
 Concen: 126.470 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036684.D
 Acq: 12 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	57.2	85.8
63	38.1	30.8	46.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 122.881 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036684.D

Acq: 12 Sep 2018 22:19

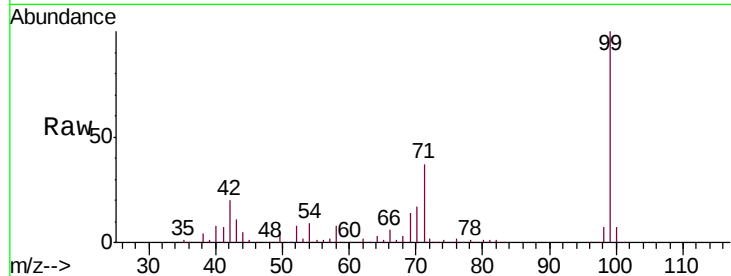
Tgt Ion: 99 Resp: 650205

Ion Ratio Lower Upper

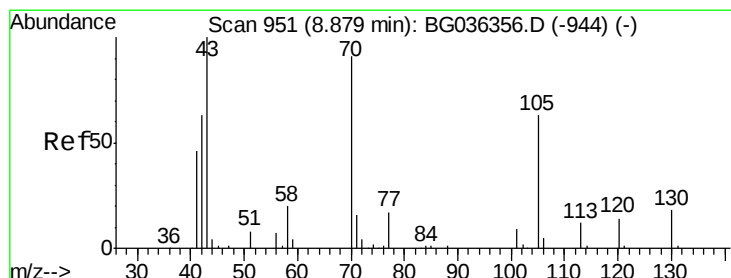
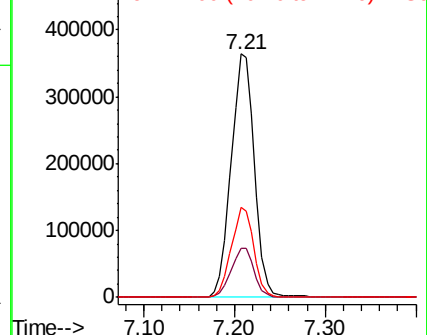
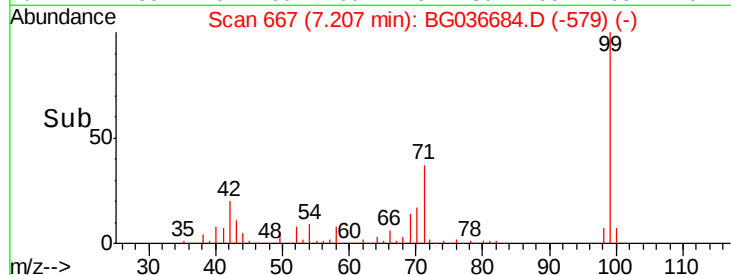
99 100

42 20.1 16.5 24.7

71 36.8 29.4 44.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.506 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036684.D

Acq: 12 Sep 2018 22:19

Tgt Ion: 70 Resp: 53409

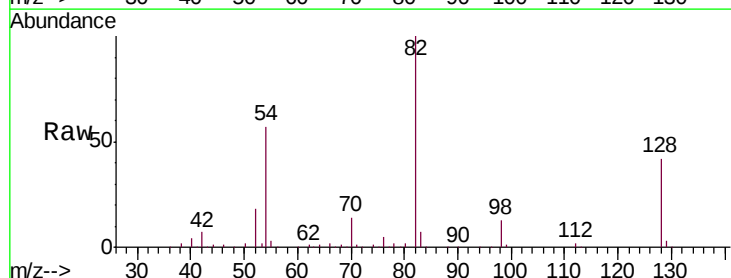
Ion Ratio Lower Upper

70 100

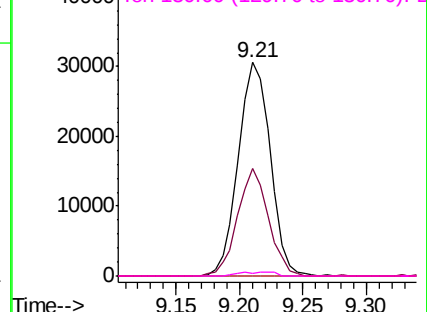
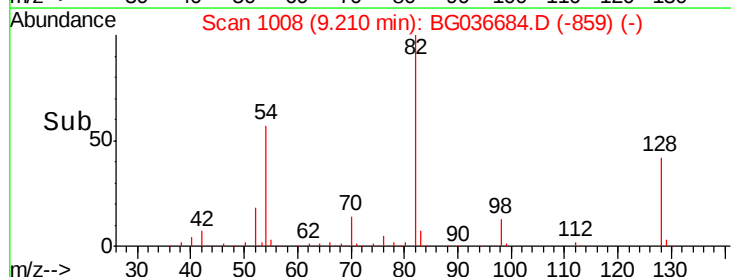
42 50.6 56.2 84.4#

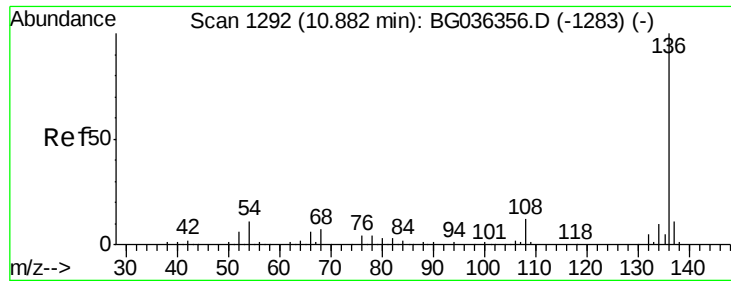
101 0.0 7.8 11.6#

130 1.5 16.2 24.2#



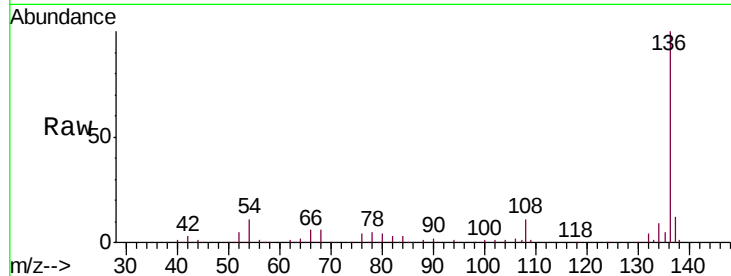
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036684.D
Acq: 12 Sep 2018 22:19

Tgt Ion:	136	Resp:	248177
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	11.1	9.2	13.8
68	6.4	5.8	8.6



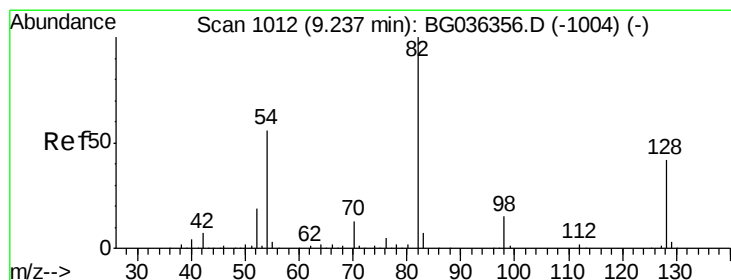
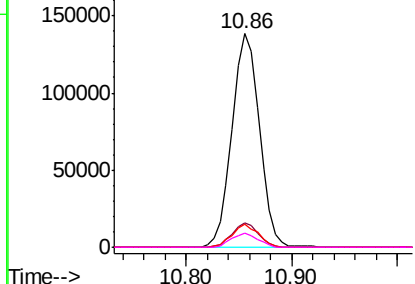
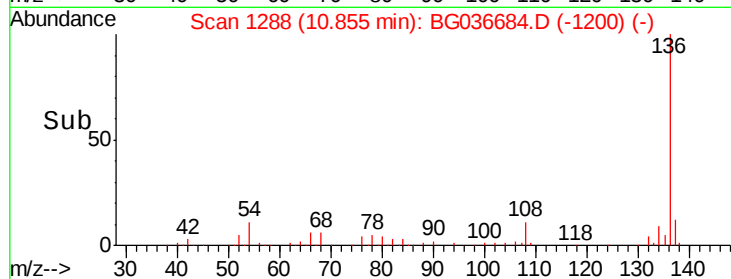
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

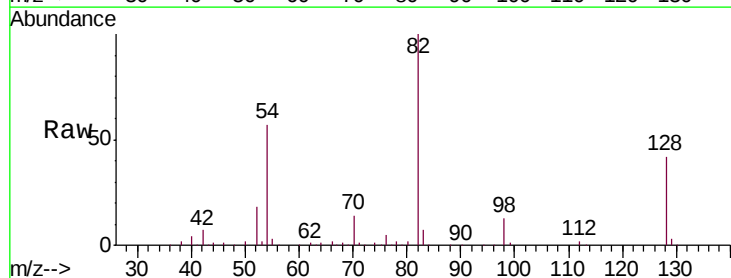
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 87.235 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036684.D
Acq: 12 Sep 2018 22:19

Tgt Ion:	82	Resp:	399025
Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.3	49.9
54	57.0	45.1	67.7

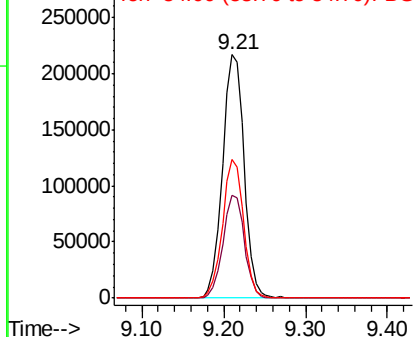
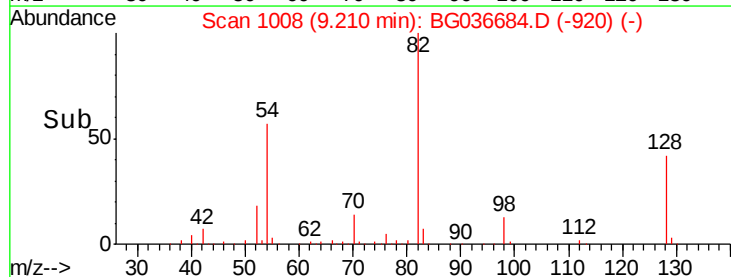


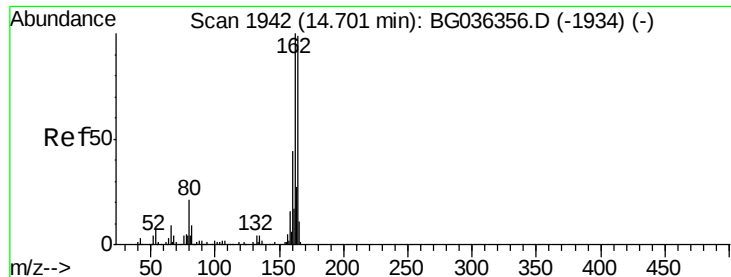
Abundance

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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036684.D

Acq: 12 Sep 2018 22:19

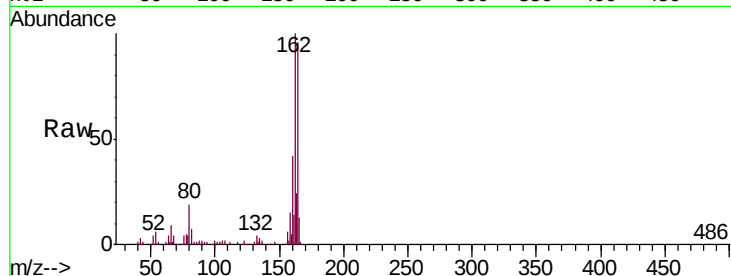
Tgt Ion:164 Resp: 166670

Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

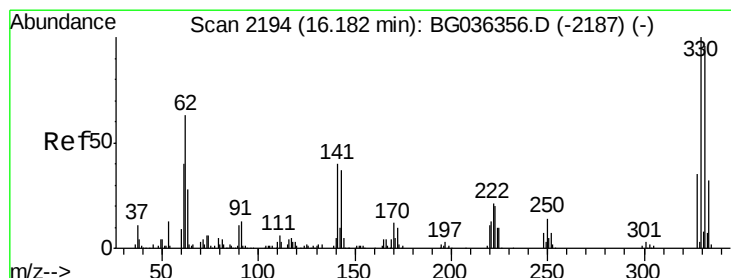
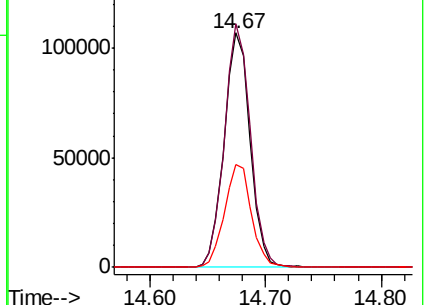
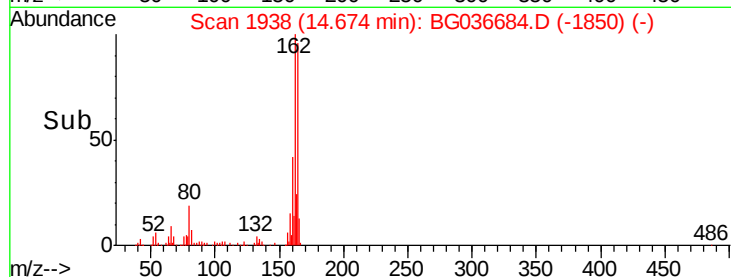
160 44.1 35.3 52.9



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: 106.254 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036684.D

Acq: 12 Sep 2018 22:19

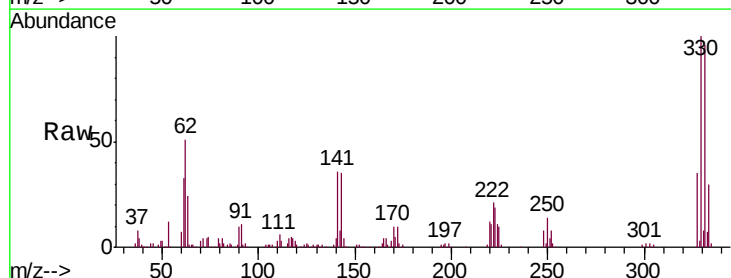
Tgt Ion:330 Resp: 211312

Ion Ratio Lower Upper

330 100

332 96.2 75.4 113.2

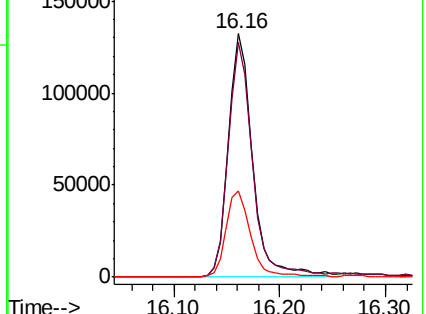
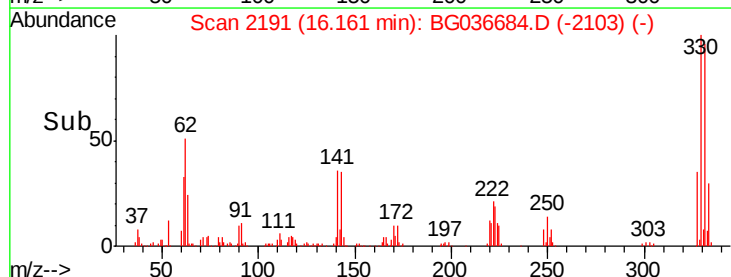
141 36.5 30.7 46.1

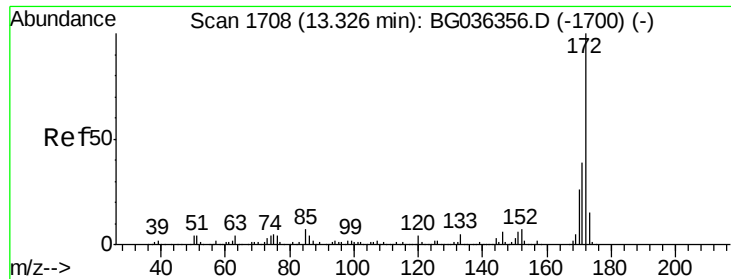


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

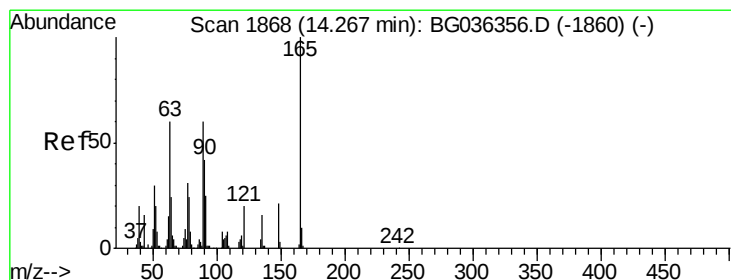
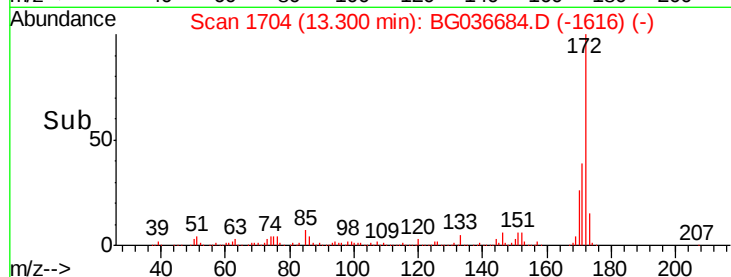
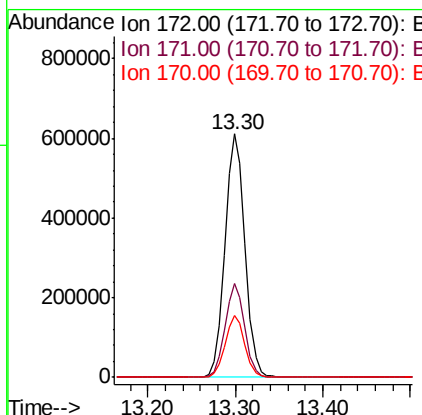
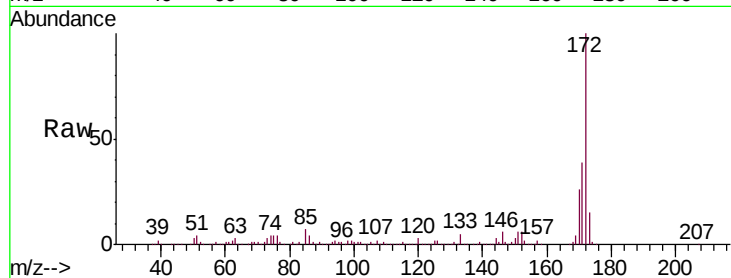
Ion 141.00 (140.70 to 141.70): E





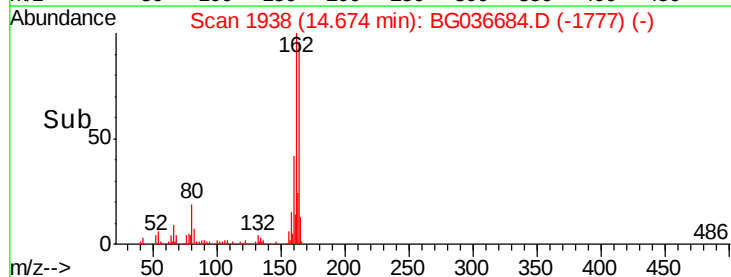
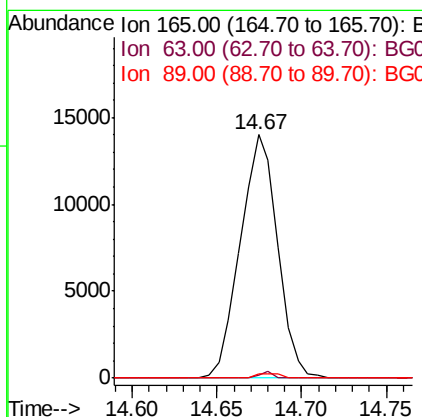
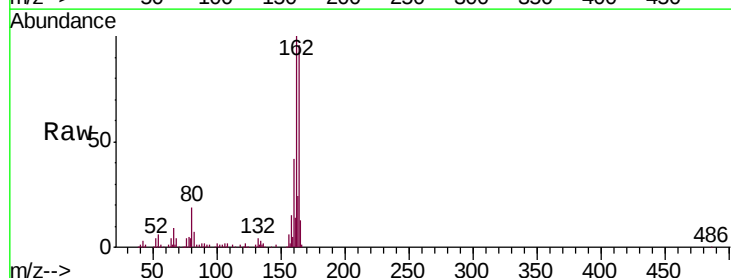
#44
 2-Fluorobiphenyl
 Concen: 82.104 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036684.D
 Acq: 12 Sep 2018 22:19

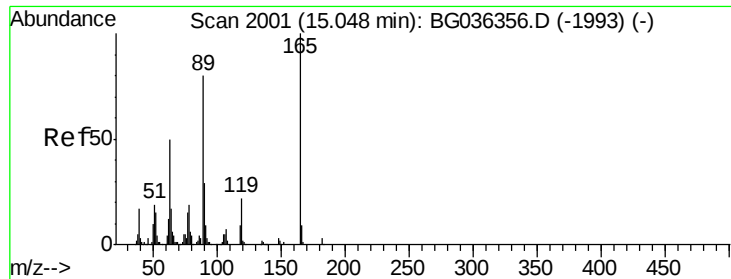
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.6	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.689 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036684.D
 Acq: 12 Sep 2018 22:19

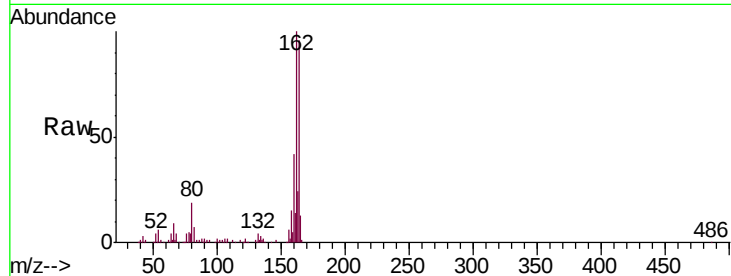
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.1	75.1#
89	1.8	47.8	71.6#





#56
2,4-Dinitrotoluene
Concen: 5.900 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036684.D
Acq: 12 Sep 2018 22:19

Tgt Ion:165 Resp: 21533
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.8 63.7 95.5#
182 0.0 2.5 3.7#

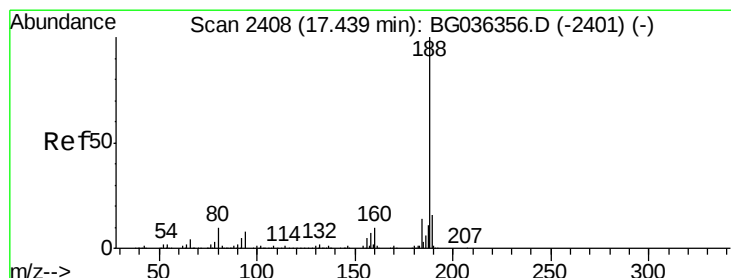
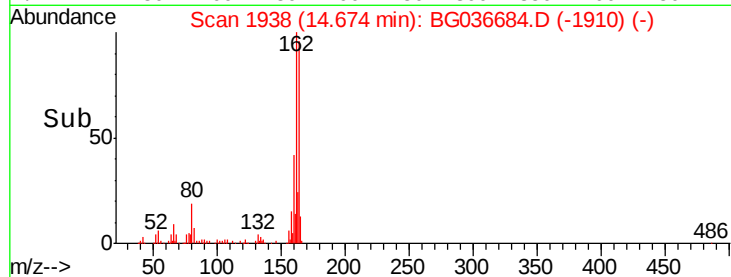
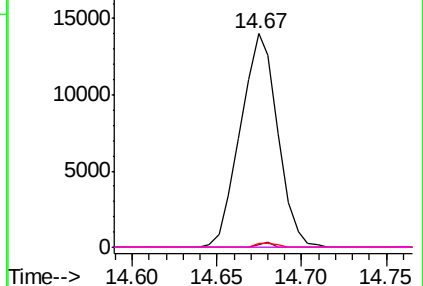


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

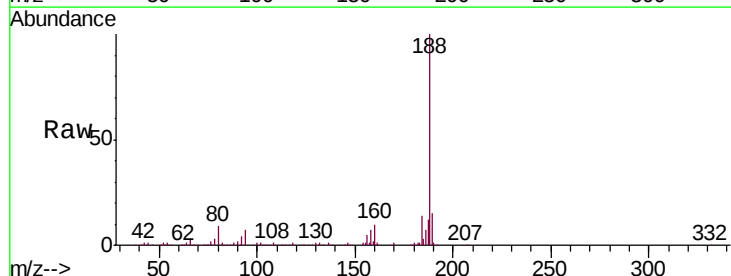
Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036684.D
Acq: 12 Sep 2018 22:19

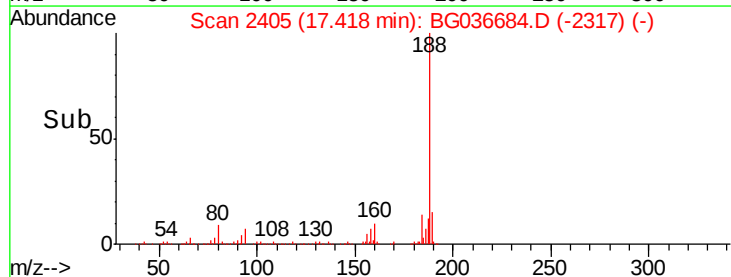
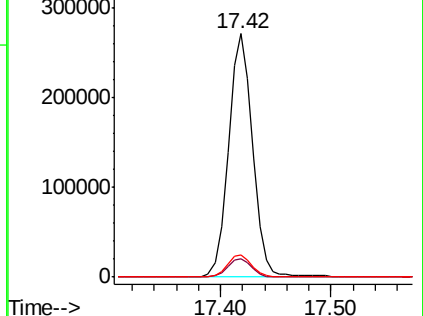
Tgt Ion:188 Resp: 414655
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 9.2 8.1 12.1

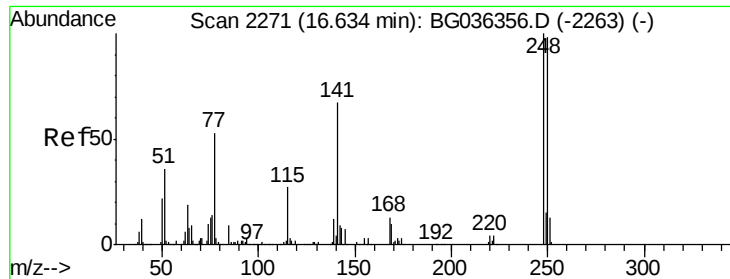


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

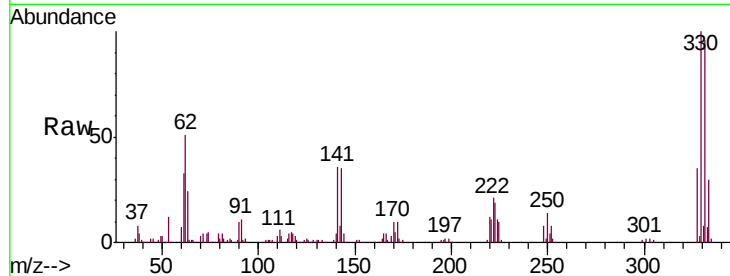
Ion 80.00 (79.70 to 80.70): BG0



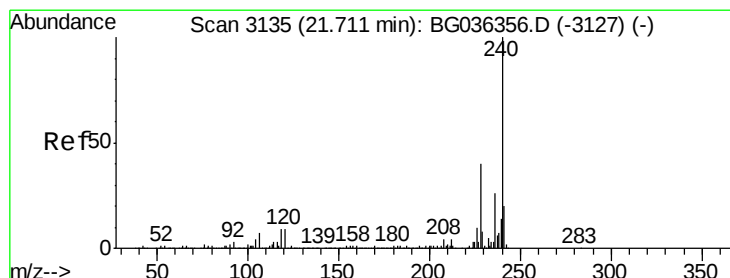
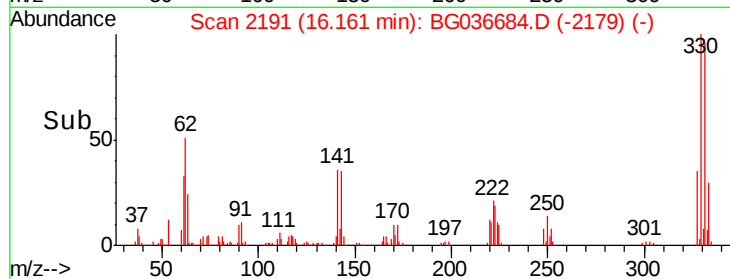
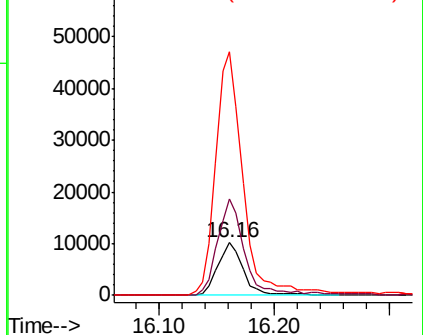


#66
 4-Bromophenyl-phenylether
 Concen: 3.193 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036684.D
 Acq: 12 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	184.6	78.1	117.1#
141	465.3	53.7	80.5#

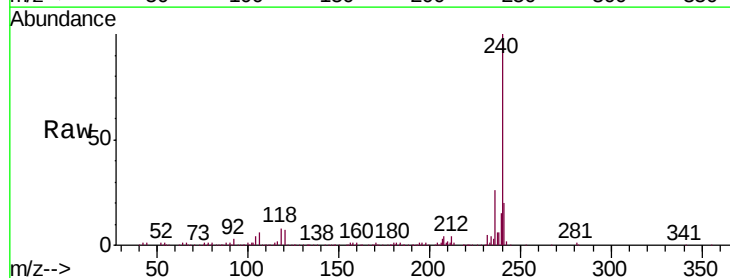


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

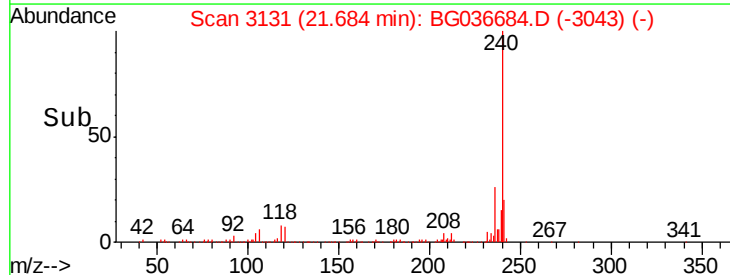
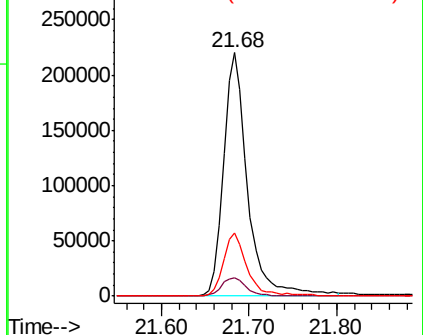


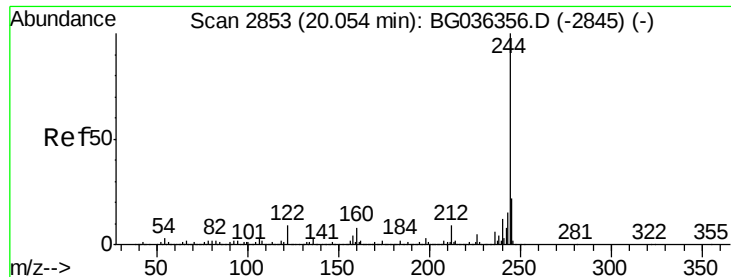
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036684.D
 Acq: 12 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.9	10.3
236	26.2	21.2	31.8



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





#78

Terphenyl-d14

Concen: 88.736 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036684.D

Acq: 12 Sep 2018 22:19

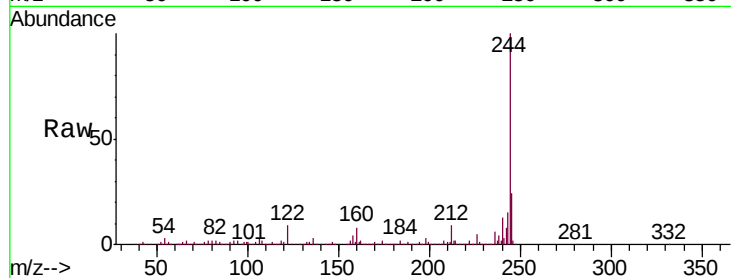
Tgt Ion:244 Resp: 1583681

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.0	7.1	10.7

244 100

212 8.7 7.0 10.6

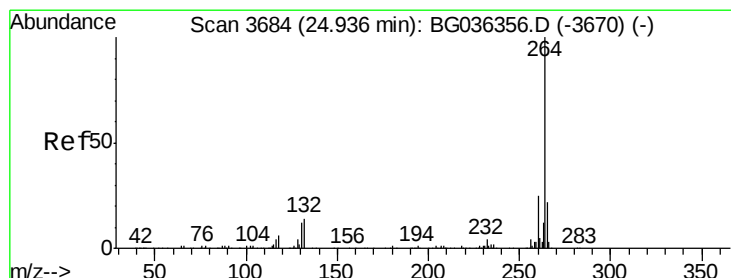
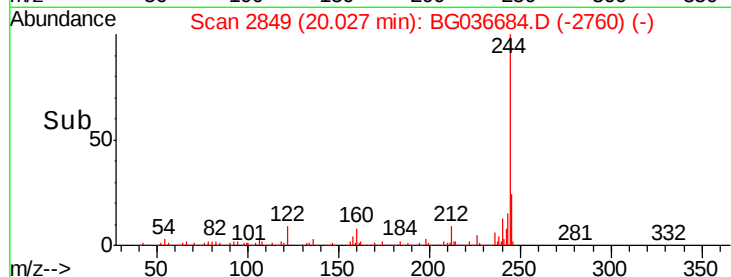
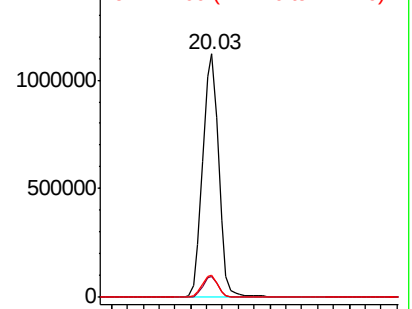
122 9.0 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036684.D

Acq: 12 Sep 2018 22:19

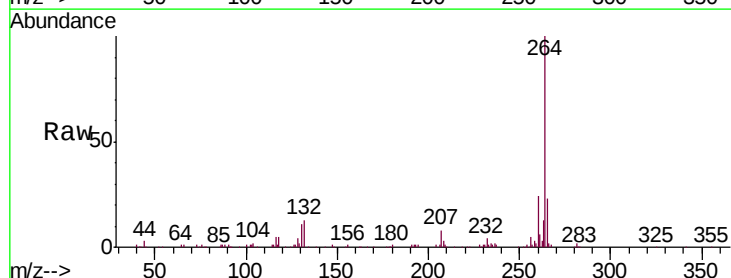
Tgt Ion:264 Resp: 323713

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.5	17.4	26.0

264 100

260 23.8 19.6 29.4

265 22.5 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

100000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

