

Data File : BG036683.D
Acq On : 12 Sep 2018 21:40
Operator : JU/SJ
Sample : PB112784BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

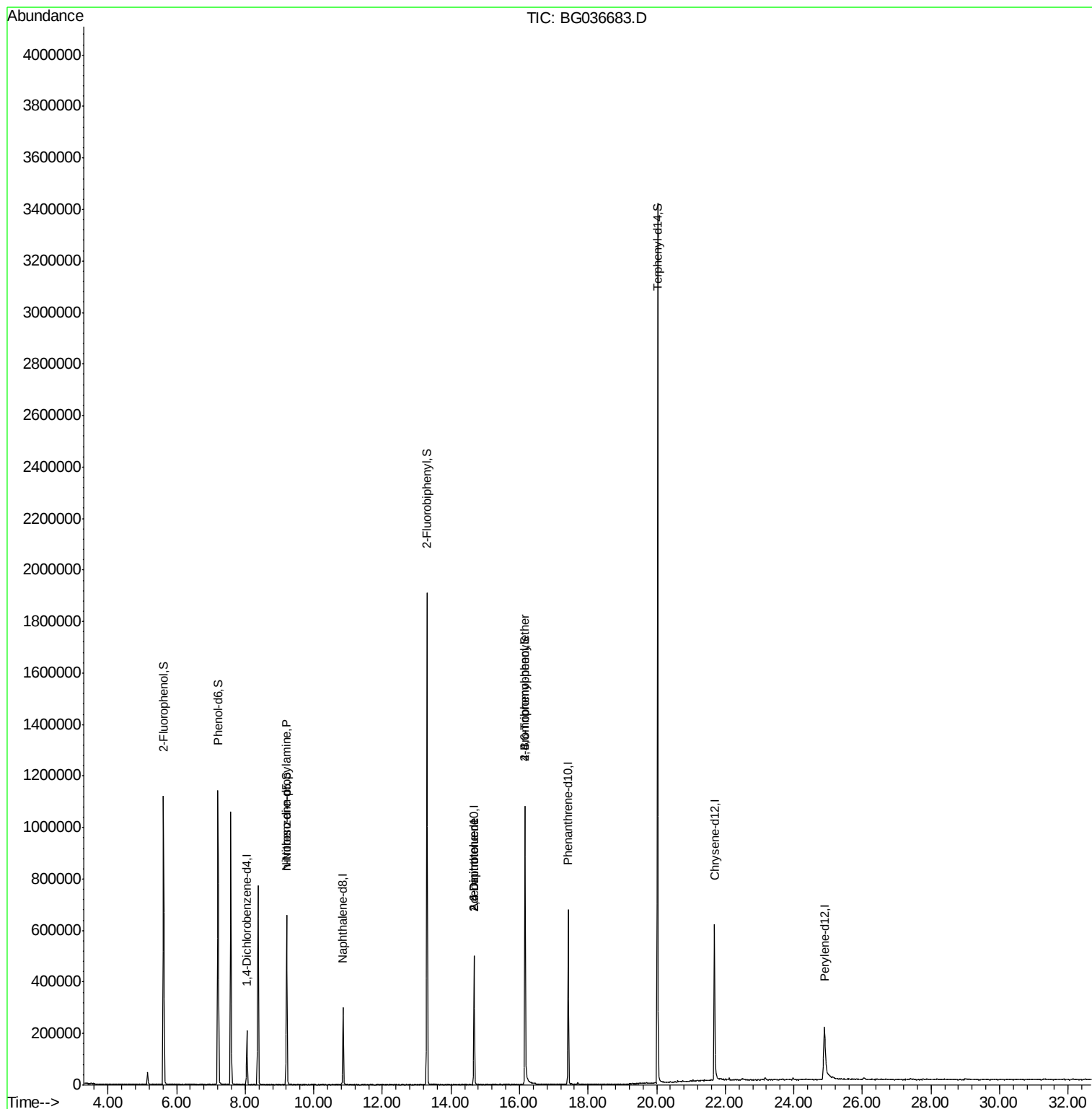
Quant Time: Sep 13 01:13:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59663	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	254584	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	168310	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	430376	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	444204	20.00	ng	-0.01
86) Perylene-d12	24.89	264	355216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	473090	125.78	ng	0.00
7) Phenol-d6	7.21	99	661641	122.87	ng	-0.01
23) Nitrobenzene-d5	9.21	82	405894	86.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	229727	114.39	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	980573	83.18	ng	-0.01
78) Terphenyl-d14	20.03	244	1629342	85.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	52792	13.117	ng	# 69
50) 2,6-Dinitrotoluene	14.67	165	21704	7.675	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	21704	5.889	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	16017	3.179	ng	# 1

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

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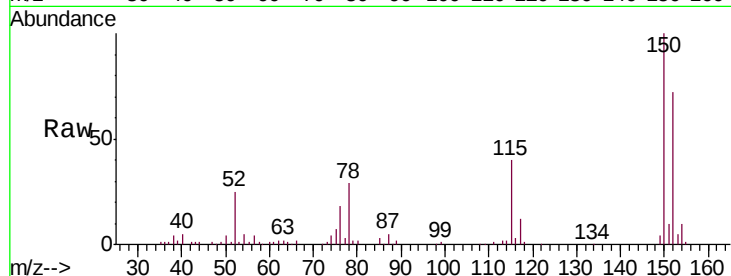
Quant Time: Sep 13 01:13:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036683.D
 Acq: 12 Sep 2018 21:40

Tgt Ion	Ratio	Lower	Upper
152	100		
150	139.7	119.5	179.3
115	55.4	44.5	66.7

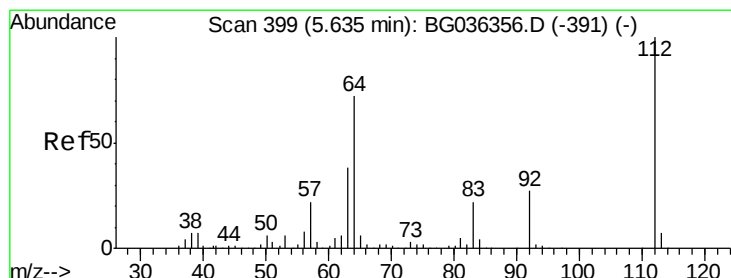
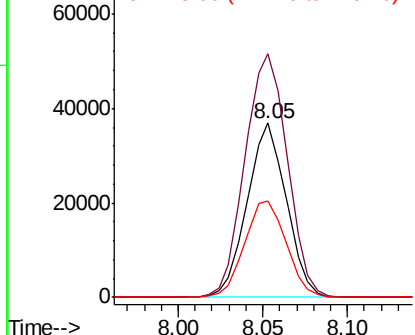
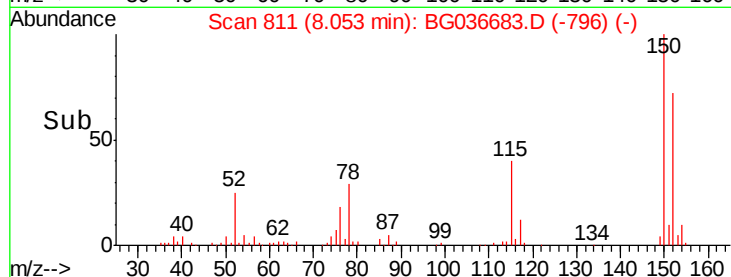


Abundance

Ion 152.00 (151.70 to 152.70): E

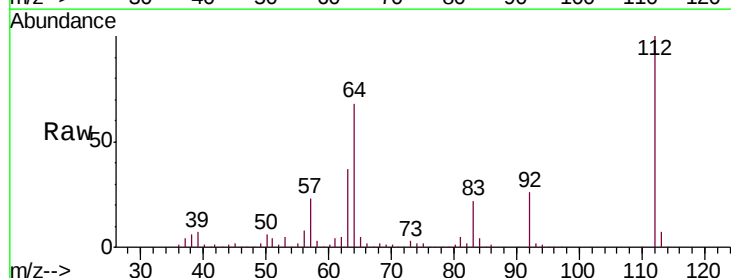
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 125.783 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036683.D
 Acq: 12 Sep 2018 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.2	85.8
63	36.9	30.8	46.2

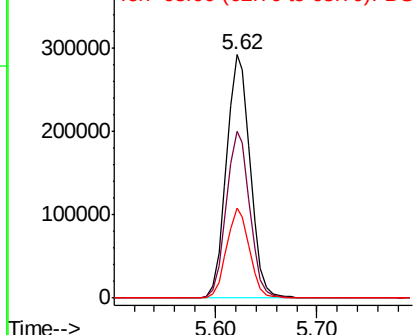
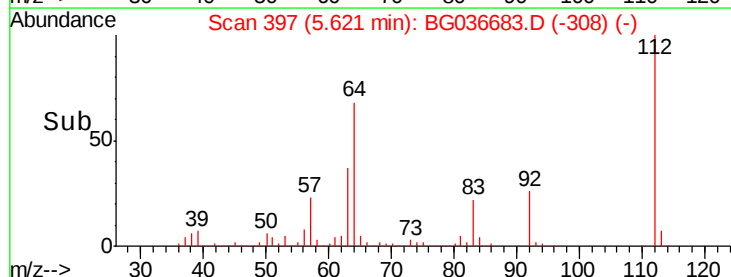


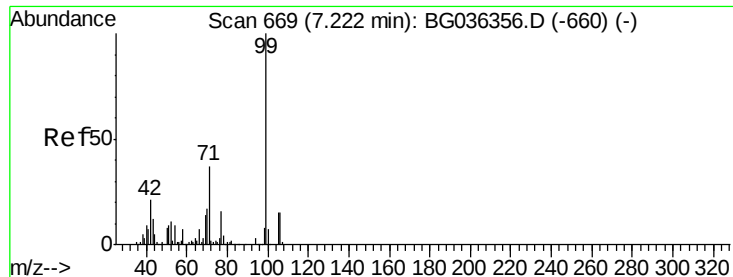
Abundance

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: 122.866 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036683.D

Acq: 12 Sep 2018 21:40

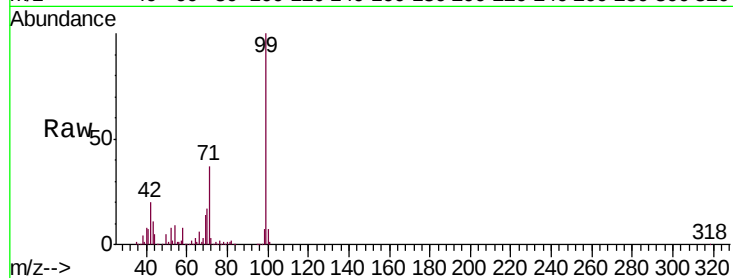
Tgt Ion: 99 Resp: 661641

Ion Ratio Lower Upper

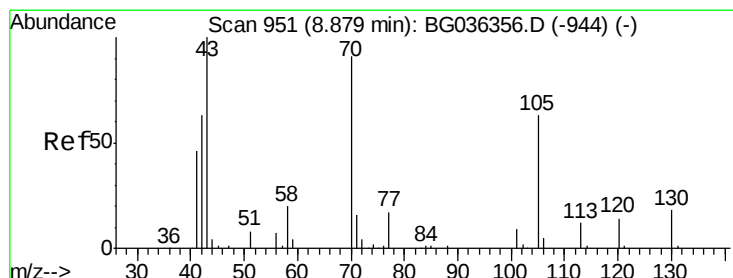
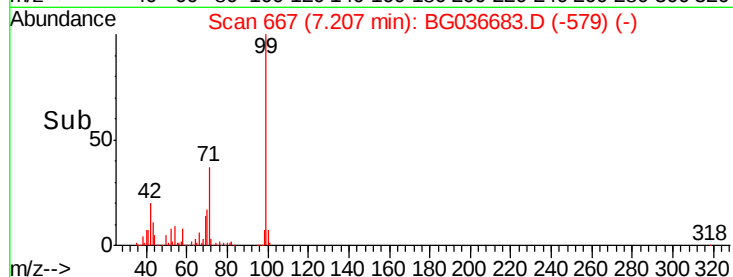
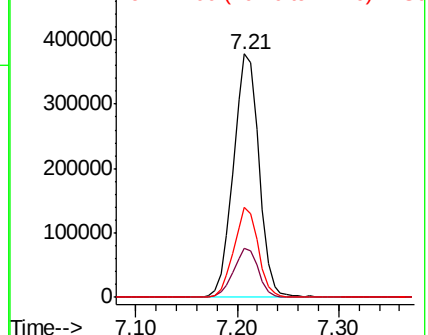
99 100

42 20.2 16.5 24.7

71 37.2 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: 13.117 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036683.D

Acq: 12 Sep 2018 21:40

Tgt Ion: 70 Resp: 52792

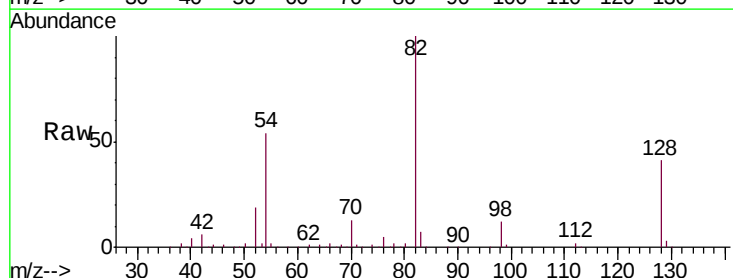
Ion Ratio Lower Upper

70 100

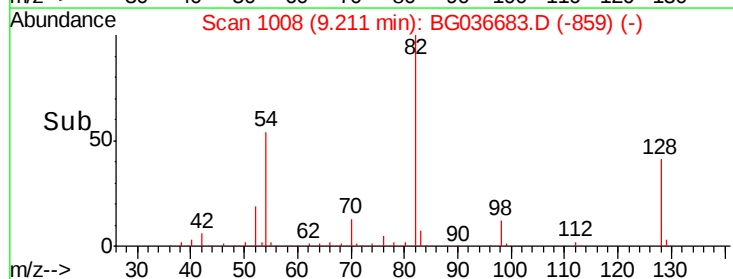
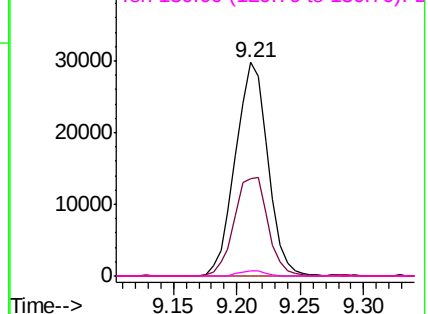
42 45.7 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 16.2 24.2#



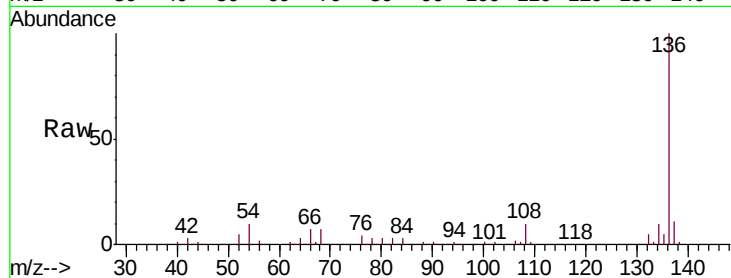
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



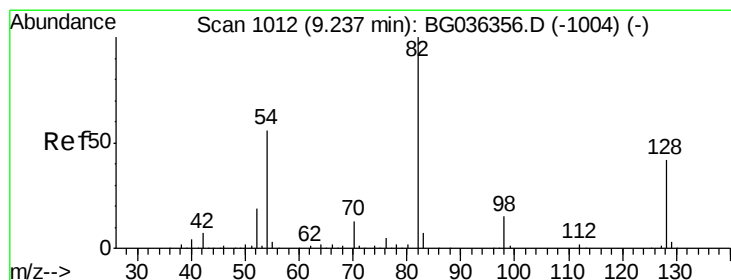
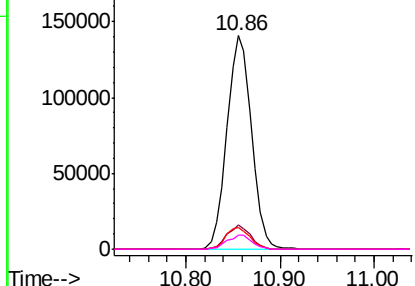
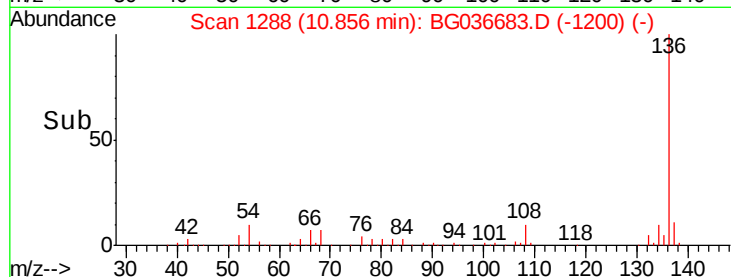


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036683.D
Acq: 12 Sep 2018 21:40

Tgt Ion:	136	Resp:	254584
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.4	9.2	13.8
68	6.7	5.8	8.6

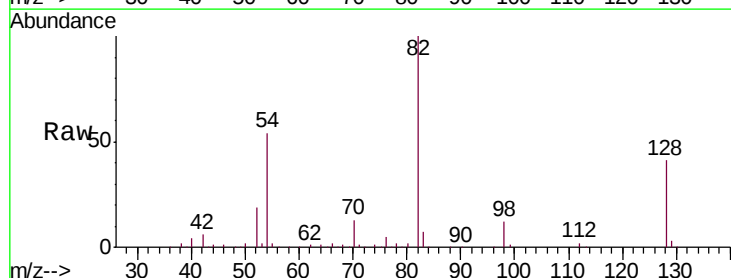


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

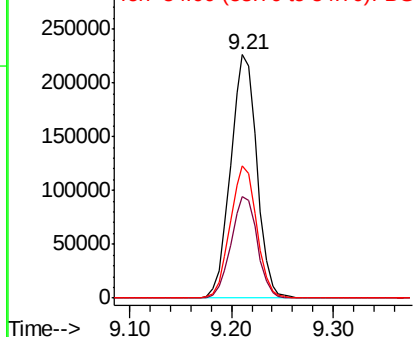
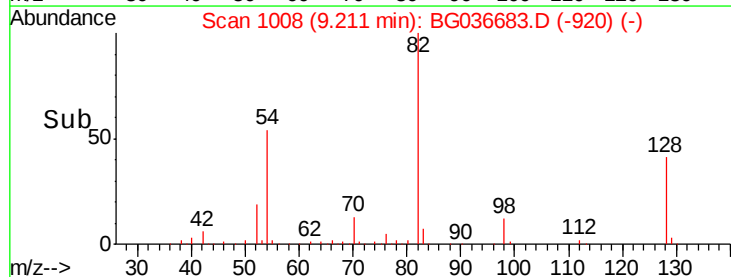


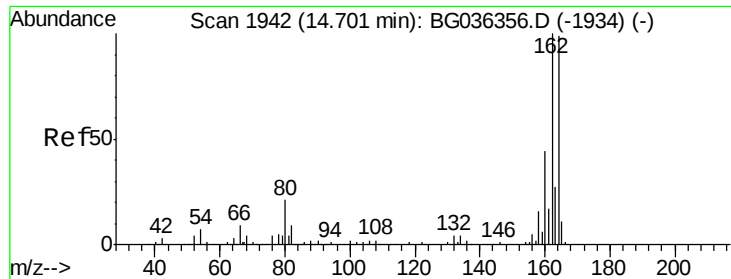
#23
Nitrobenzene-d5
Concen: 86.504 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036683.D
Acq: 12 Sep 2018 21:40

Tgt Ion:	82	Resp:	405894
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	54.4	45.1	67.7



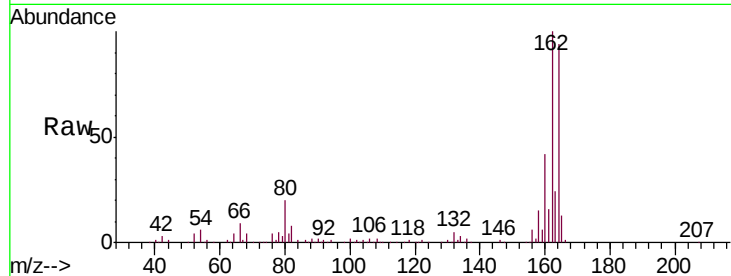
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC



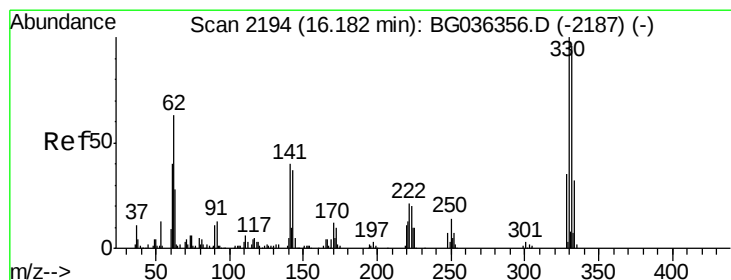
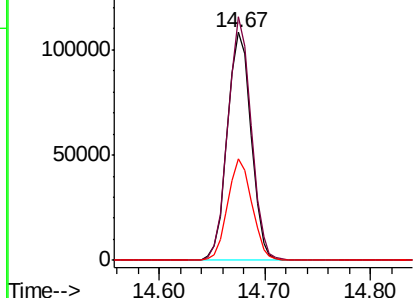
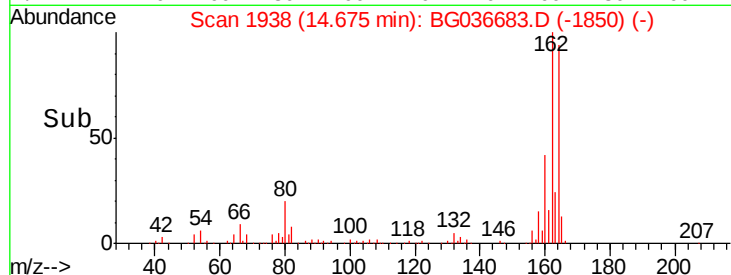


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036683.D
Acq: 12 Sep 2018 21:40

Tgt Ion:164 Resp: 168310
Ion Ratio Lower Upper
164 100
162 106.7 80.7 121.1
160 44.4 35.3 52.9

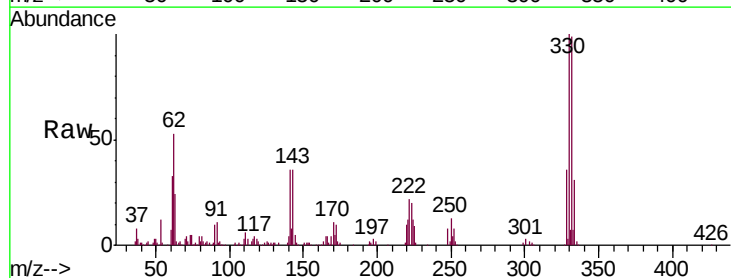


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

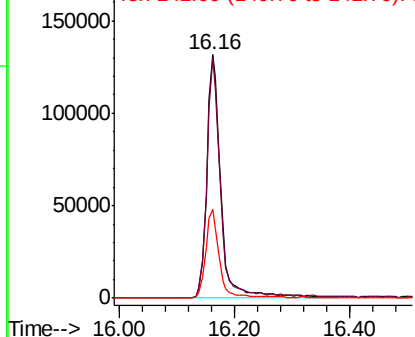
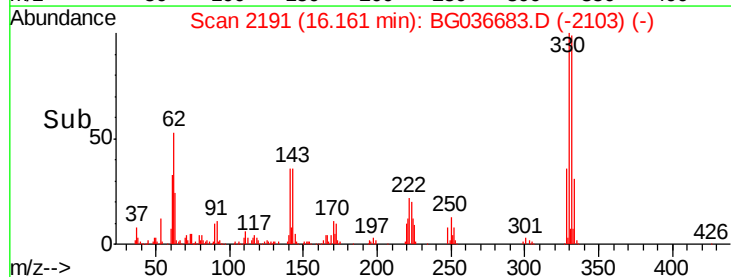


#41
2,4,6-Tribromophenol
Concen: 114.388 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036683.D
Acq: 12 Sep 2018 21:40

Tgt Ion:330 Resp: 229727
Ion Ratio Lower Upper
330 100
332 93.3 75.4 113.2
141 34.6 30.7 46.1



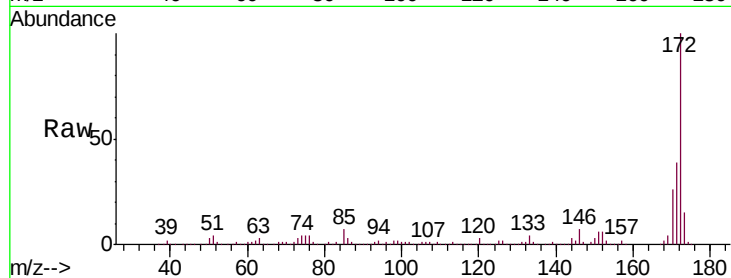
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



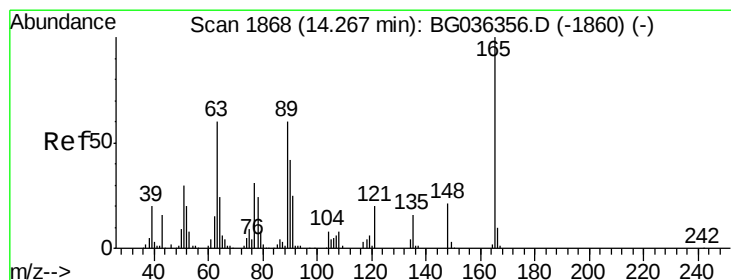
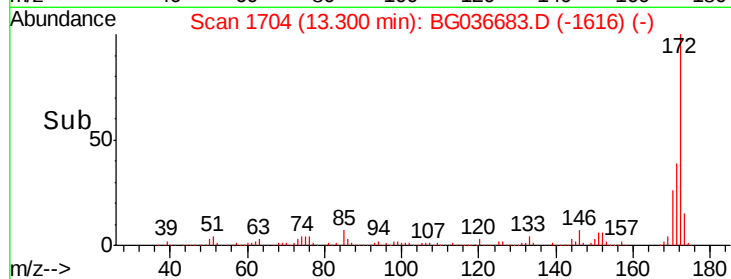
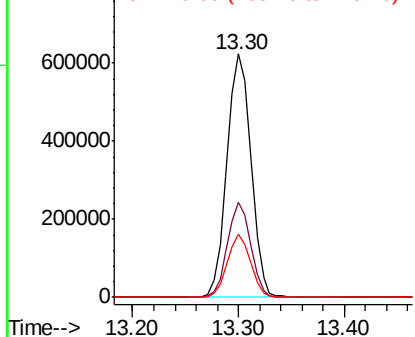


#44
 2-Fluorobiphenyl
 Concen: 83.185 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036683.D
 Acq: 12 Sep 2018 21:40

Tgt Ion:	172	Resp:	980573
Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.3	46.9
170	25.9	21.0	31.6

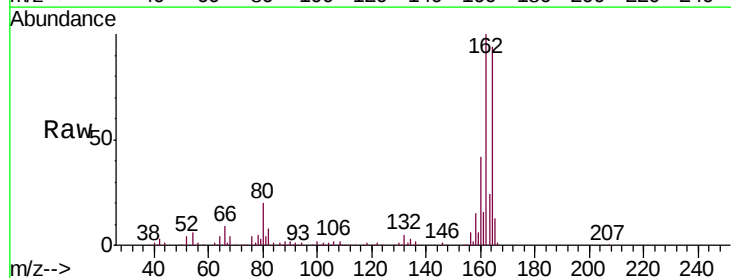


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

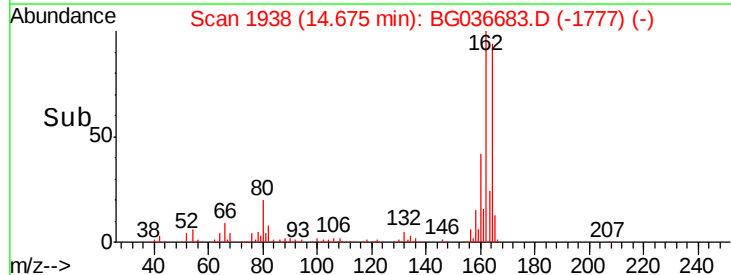
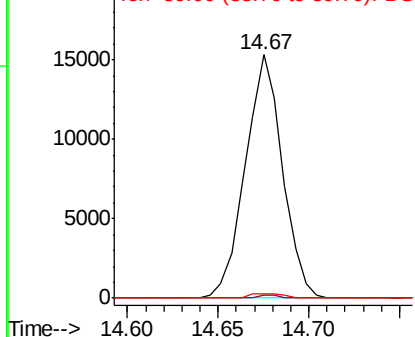


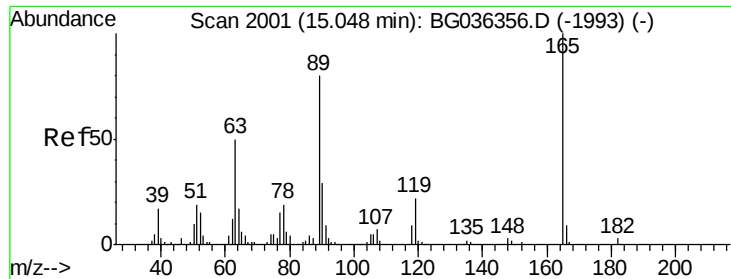
#50
 2,6-Dinitrotoluene
 Concen: 7.675 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036683.D
 Acq: 12 Sep 2018 21:40

Tgt Ion:	165	Resp:	21704
Ion	Ratio	Lower	Upper
165	100		
63	1.1	50.1	75.1#
89	1.5	47.8	71.6#



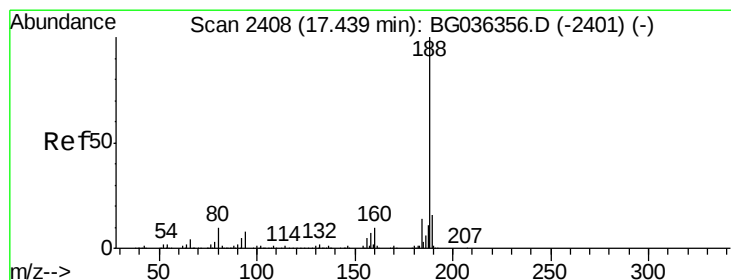
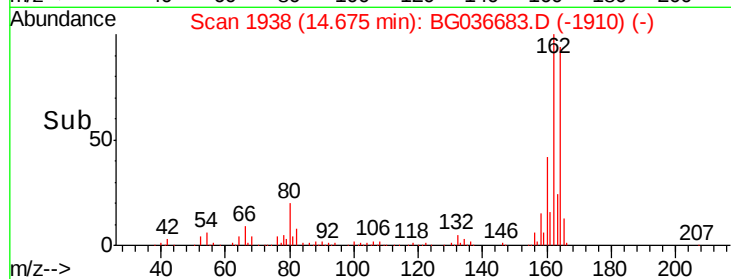
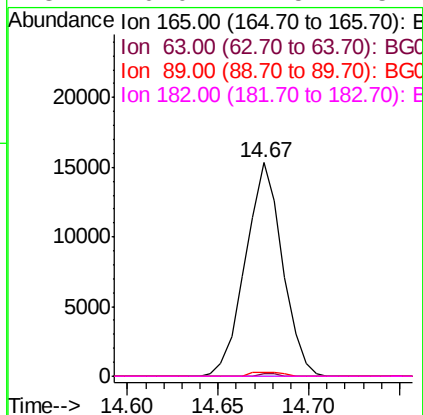
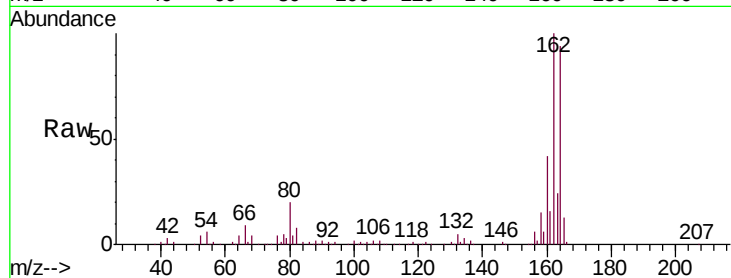
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0





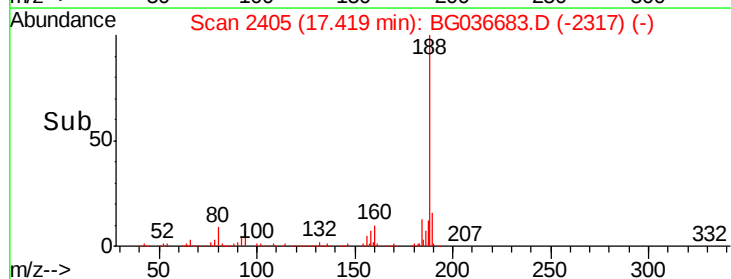
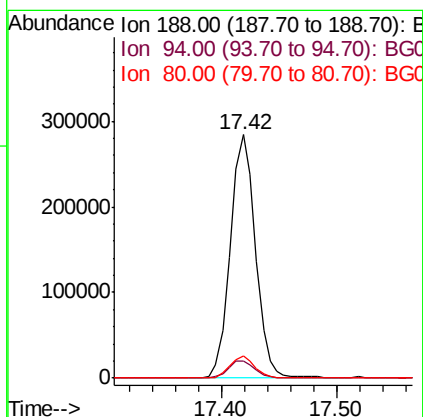
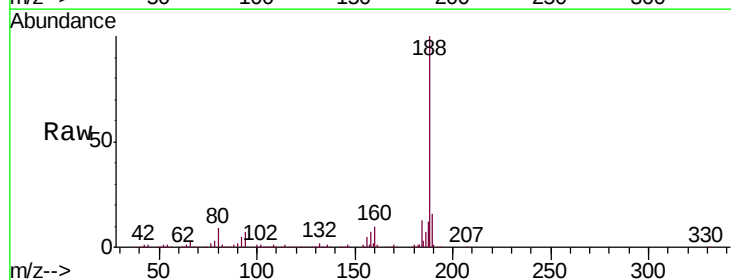
#56
 2,4-Dinitrotoluene
 Concen: 5.889 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036683.D
 Acq: 12 Sep 2018 21:40

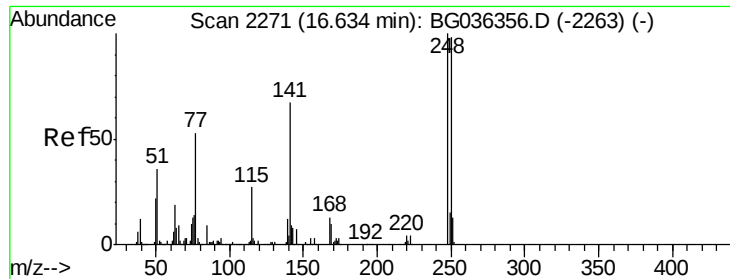
Tgt Ion:	165	Resp:	21704
Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.1	60.1#
89	1.5	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036683.D
 Acq: 12 Sep 2018 21:40

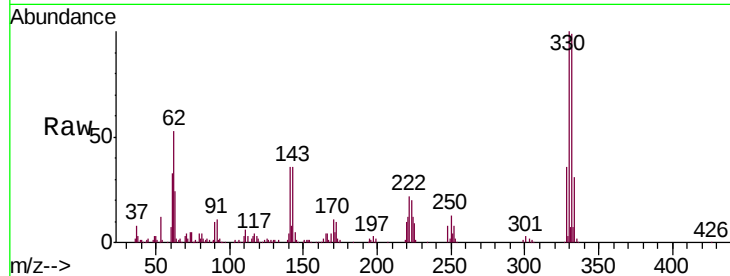
Tgt Ion:	188	Resp:	430376
Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.7	10.1
80	9.1	8.1	12.1



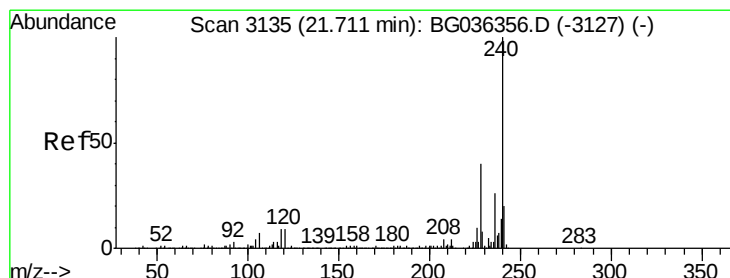
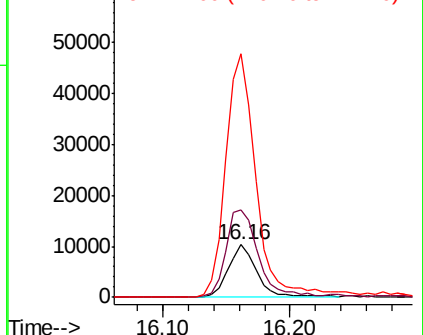
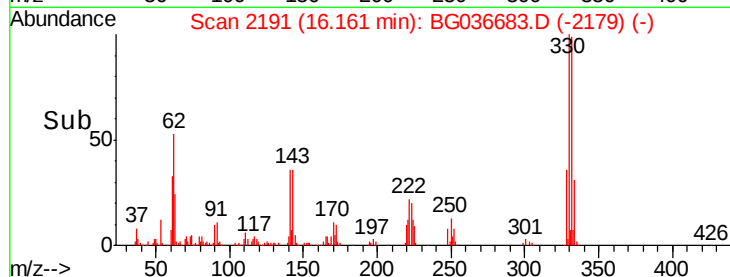


#66
4-Bromophenyl-phenylether
Concen: 3.179 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036683.D
Acq: 12 Sep 2018 21:40

Tgt Ion:248 Resp: 16017
Ion Ratio Lower Upper
248 100
250 166.6 78.1 117.1#
141 463.2 53.7 80.5#

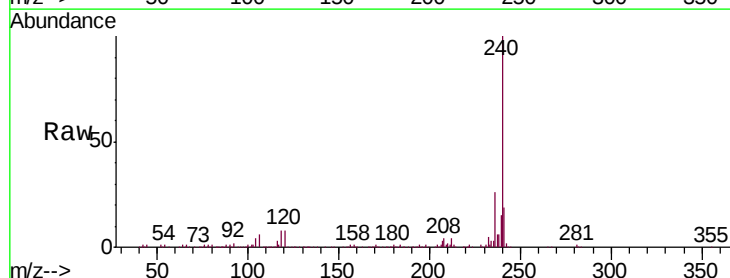


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

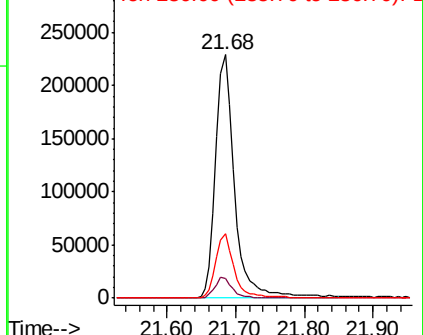
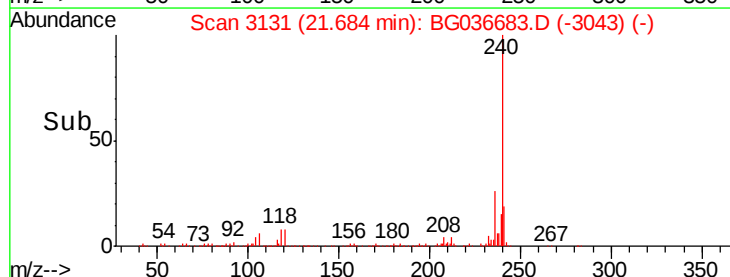


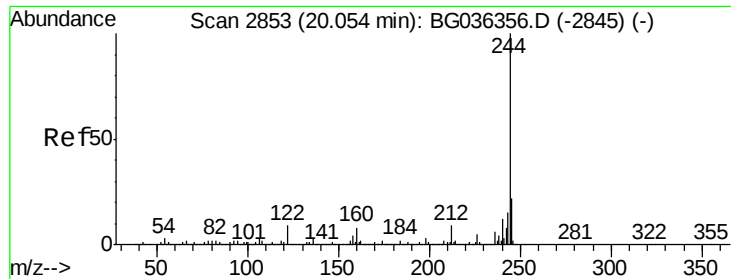
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036683.D
Acq: 12 Sep 2018 21:40

Tgt Ion:240 Resp: 444204
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 26.5 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: 85.734 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036683.D

Acq: 12 Sep 2018 21:40

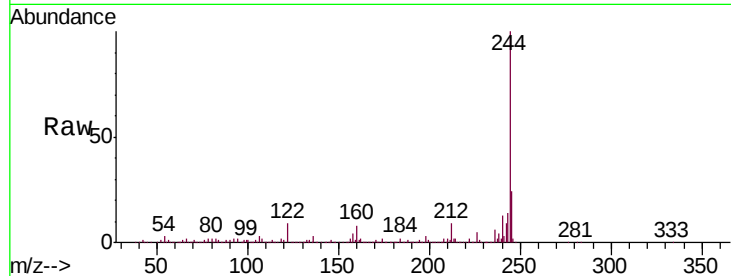
Tgt Ion:244 Resp: 1629342

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

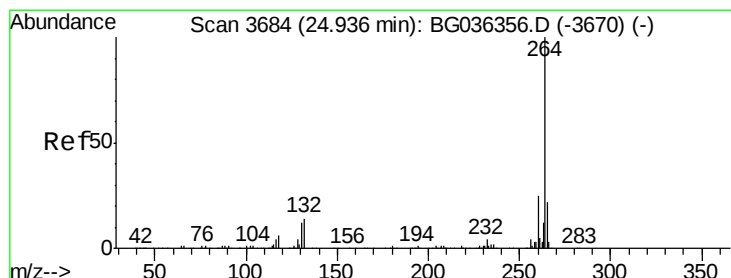
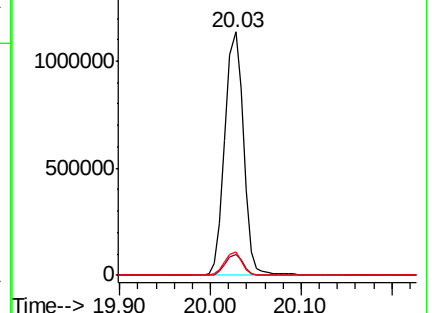
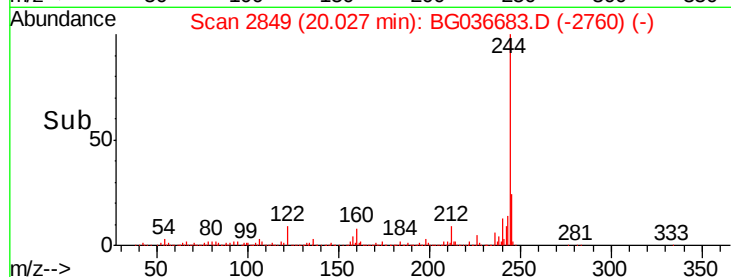
122 9.4 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036683.D

Acq: 12 Sep 2018 21:40

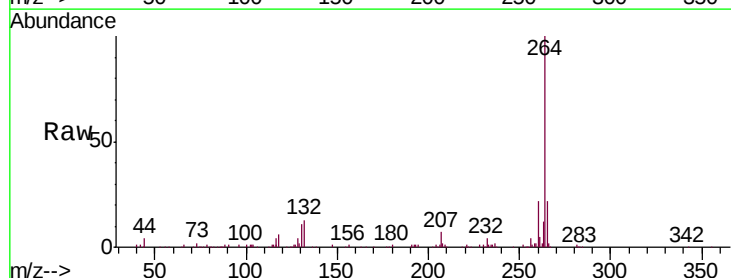
Tgt Ion:264 Resp: 355216

Ion Ratio Lower Upper

264 100

260 22.2 19.6 29.4

265 22.2 17.4 26.0



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

